FCC RADIO TEST REPORT

FCC ID	:	**HLZA22001**
Equipment	:	**Tablet PC**
Brand Name	:	**acer**
Model Name	:	**A22001**
Marketing Name	:	**Iconia Tab P10, P10-11, Iconia Tab M10, M10-11**
Applicant	:	**Acer Incorporated** **8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22181, Taiwan (R.O.C)**
Manufacturer	:	**Hunan Greatwall Computer System Co.,Ltd** **Hunan GreatWall Industrial Park, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province, China.**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Mar. 27, 2023 and testing was performed from Apr. 08, 2023 to May 05, 2023. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory
No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FR332001D	01	Initial issue of report	May 09, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	3.12 dB under the limit at 5457.520 MHz
3.5	15.207	AC Conducted Emission	Pass	11.41 dB under the limit at 0.494 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Lewis Ho
Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, and GNSS. **Antenna Type** WLAN: FPC Antenna Bluetooth: FPC Antenna GPS / Glonass / Galileo: PIFA Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	1.89
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	1.78
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	0.68

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, CO07-HY, 03CH23-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW3786

1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80.

2.2 Test Mode

The power for 802.11n mode is smaller than 802.11ac mode, so all other conducted and radiated test is covered by 802.11ac mode.

The final test modes include the worst data rates for each modulation shown in the table below.

Modulation	Data Rate
802.11a	**6 Mbps**
802.11n HT20 (Covered by VHT20)	**MCS0**
802.11n HT40 (Covered by VHT40)	**MCS0**
802.11ac VHT20	**MCS0**
802.11ac VHT40	**MCS0**
802.11ac VHT80	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + MPEG4 + Earphone +USB Cable 1 (Charging from AC Adapter) Mode 2 : Bluetooth Link + WLAN (5GHz) Link + MPEG4 + Earphone +USB Cable 2 (Charging from AC Adapter)

Remark:
1. The worst case of Conducted Emission is mode 2; only the test data of it was reported.
2. For Radiated Test Cases, the tests were performed with USB Cable 1.

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

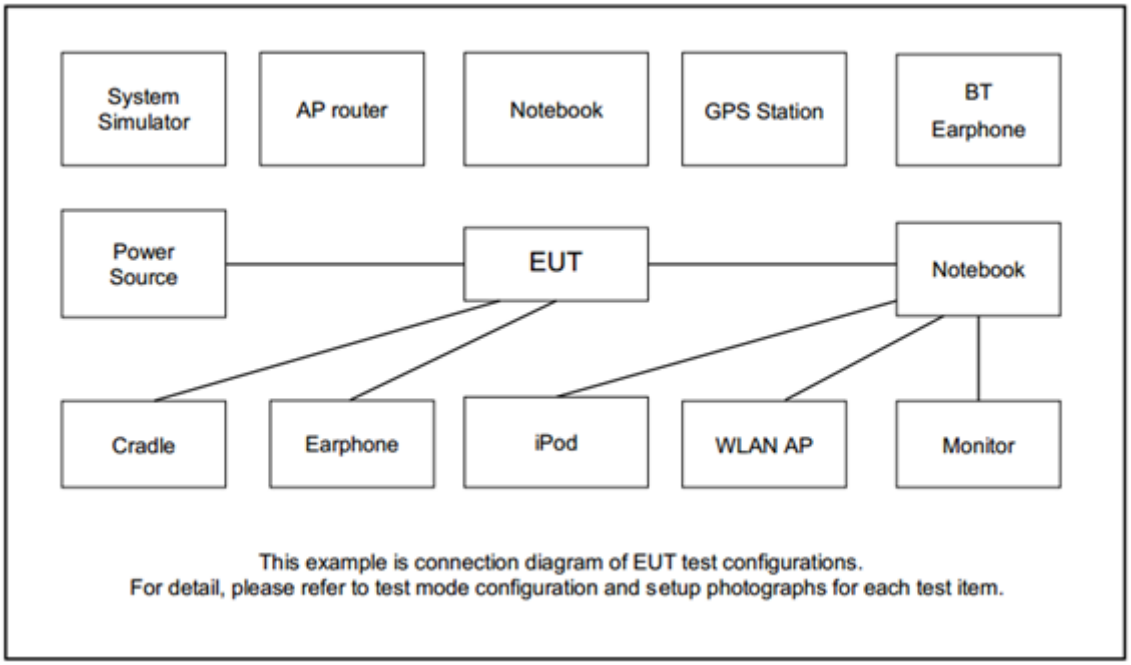
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	-

Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Kinyo	BTE-3622	N/A	N/A	N/A
2.	WLAN AP	ASUS	RT-AC52	N/A	N/A	Unshielded, 1.8 m
3.	Notebook	Dell	P79G	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Earphone + Mic	Samsung	Ecouteur	N/A	Unshielded, 1.8 m	N/A
5.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

The RF test items, make the EUT (SW: Acer_AV0S0_M10-11_0_001.00_EEA_GEN1) get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.
Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

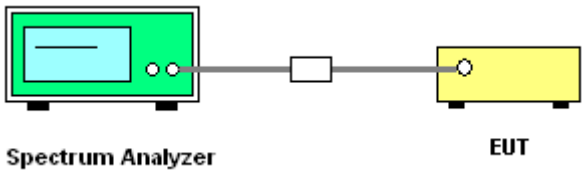
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) ≥ 3 * RBW.
8. Measure and record the results in the test report.

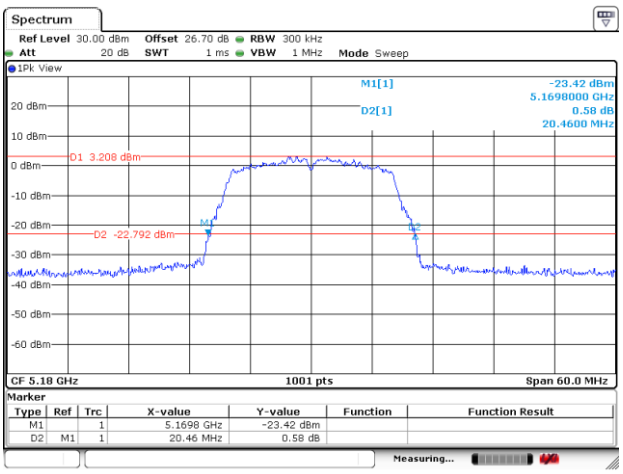
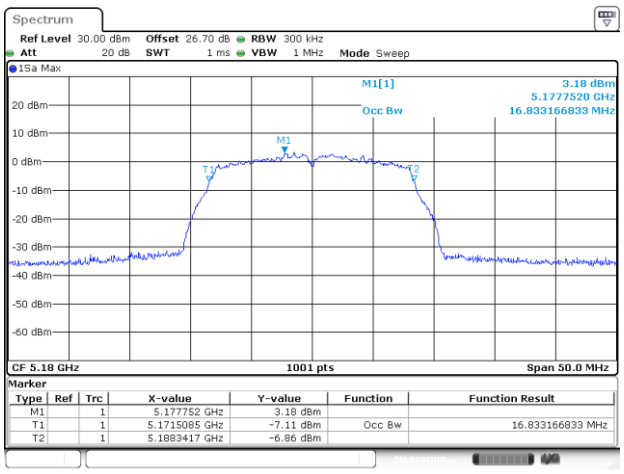
3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

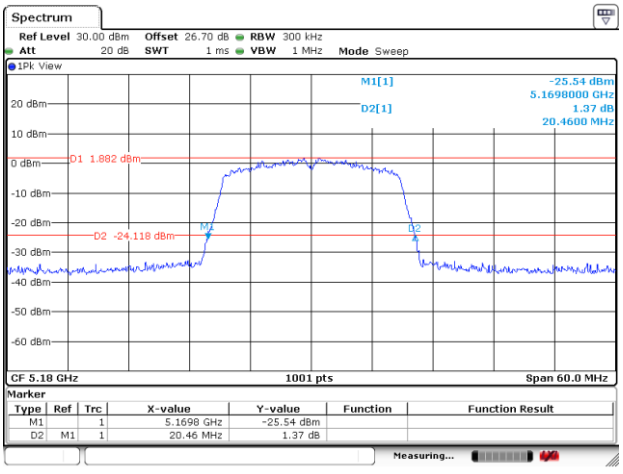
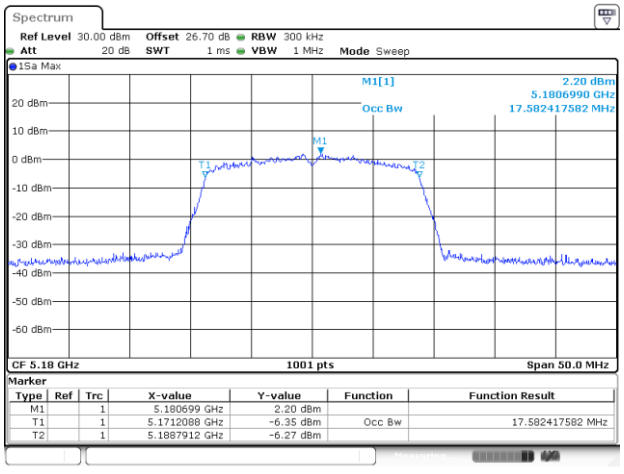
Please refer to Appendix A.

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

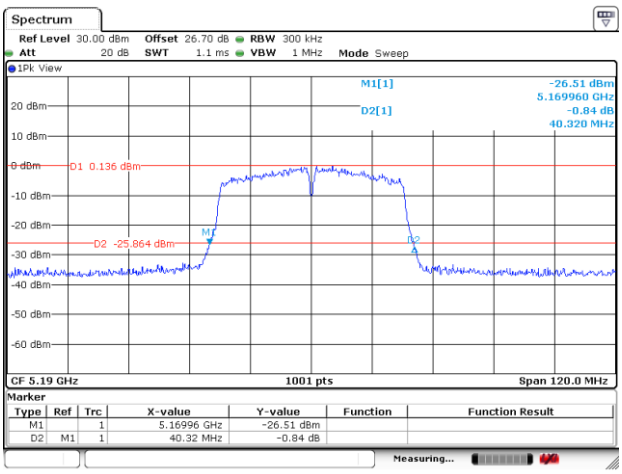
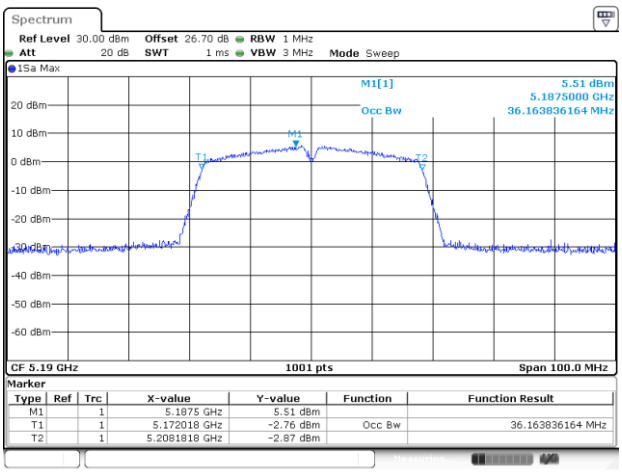
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

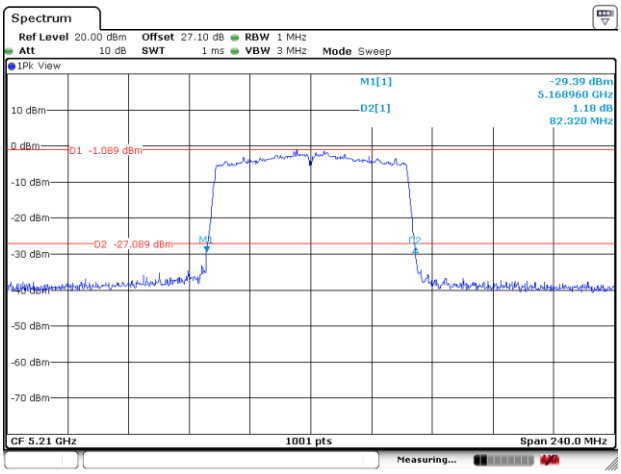
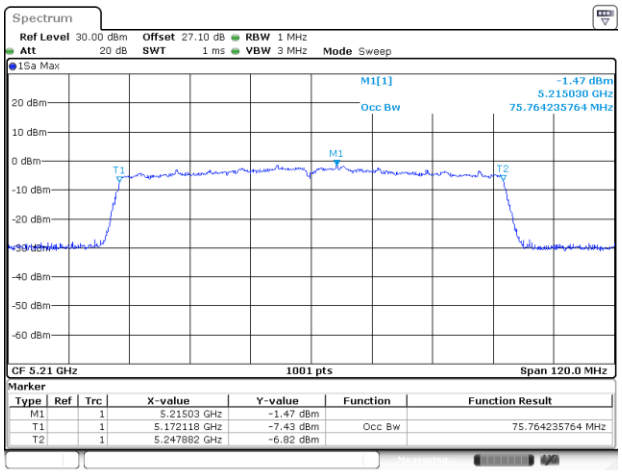
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

■ For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

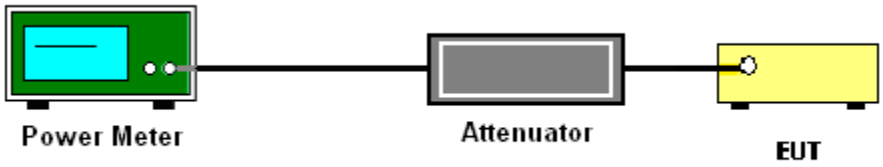
3.2.3 Test Procedures

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

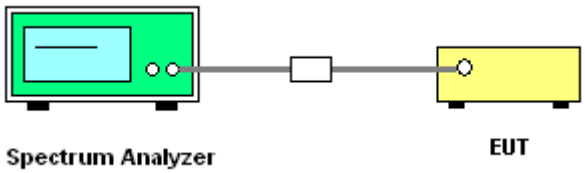
 # Method SA-3 #

(power averaging (rms) detection with max hold):

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
  Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup

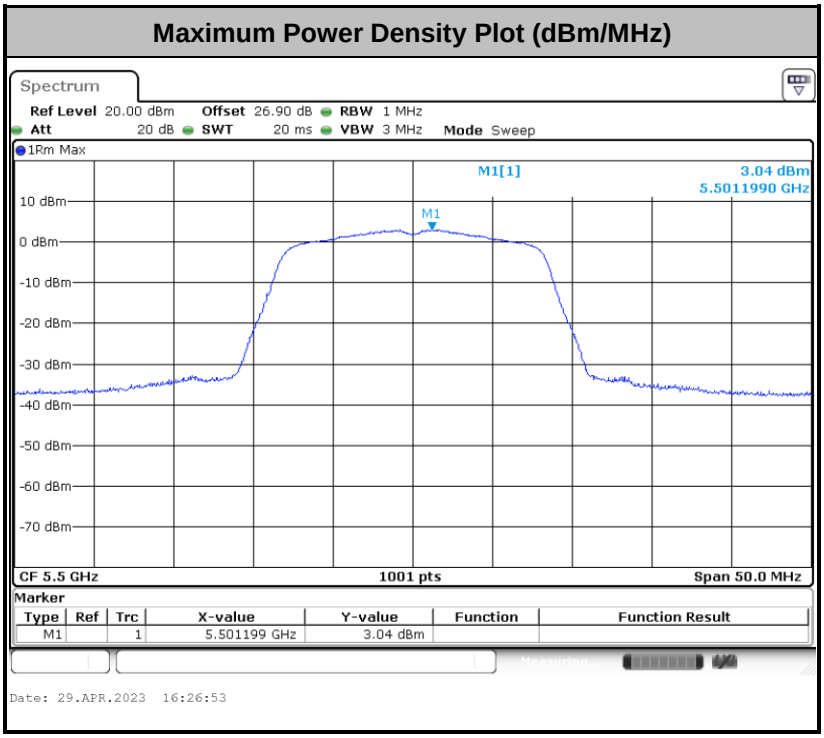


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

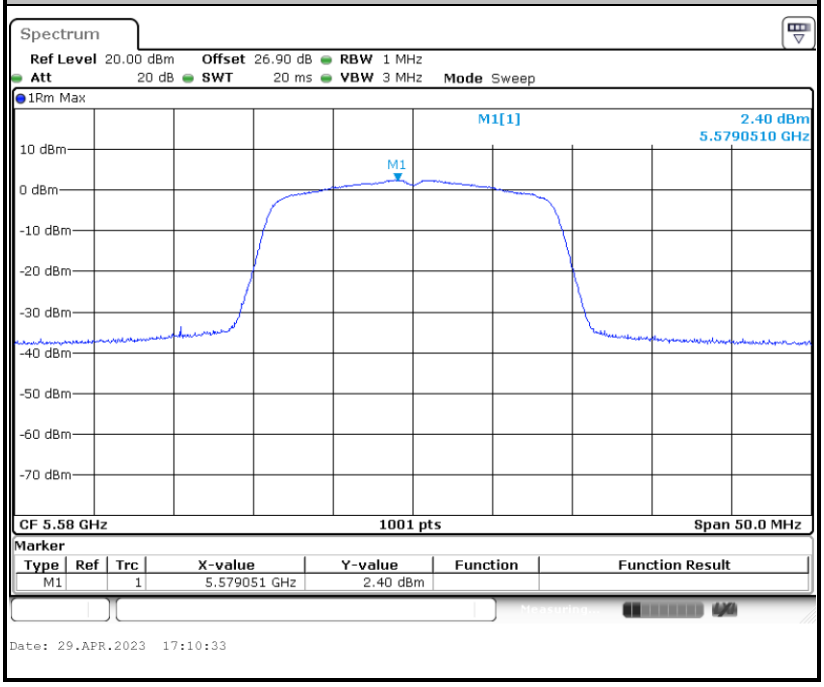
<802.11a>

Maximum Power Density Plot (dBm/MHz)



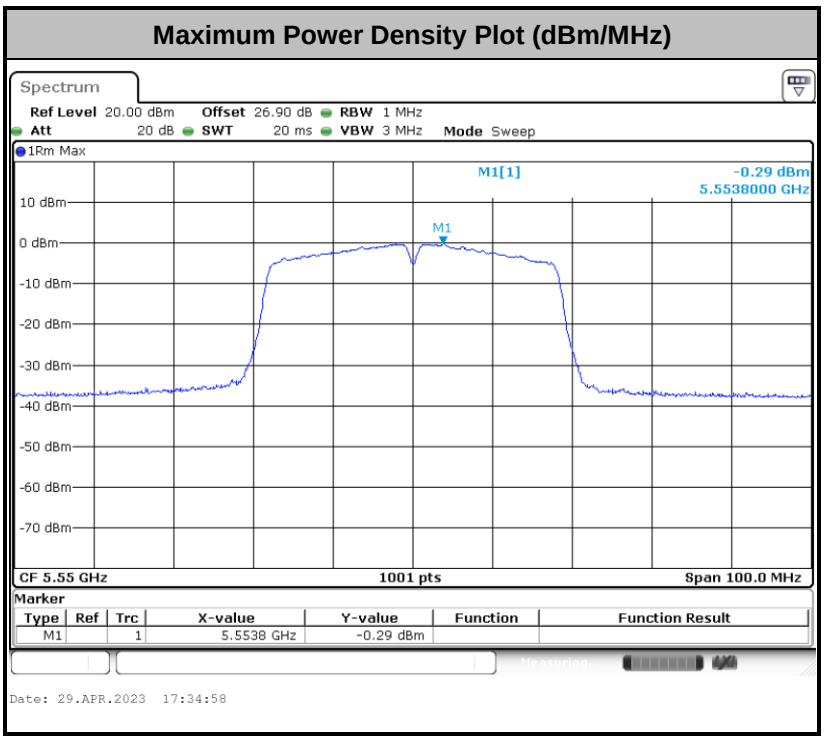
<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)



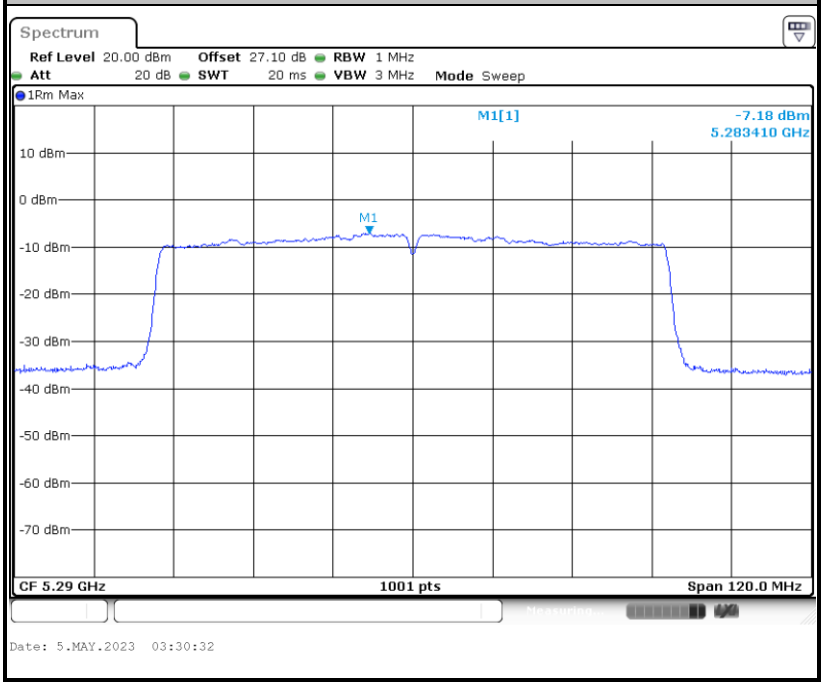
<802.11ac VHT40>

Maximum Power Density Plot (dBm/MHz)



<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)



3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of –27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

(2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

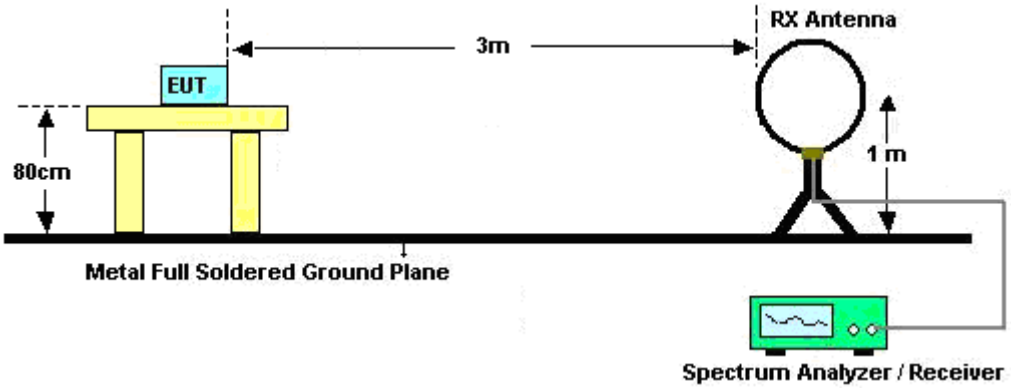
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

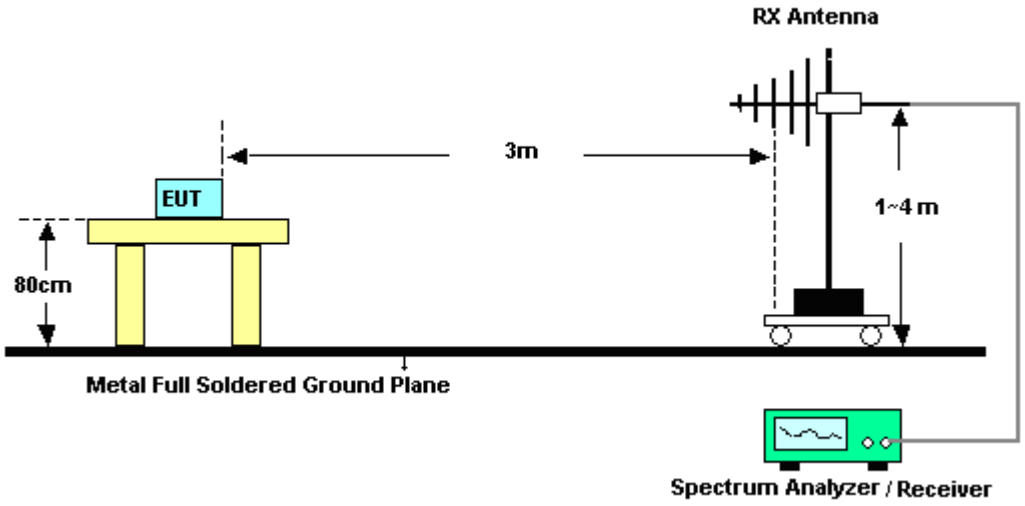
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

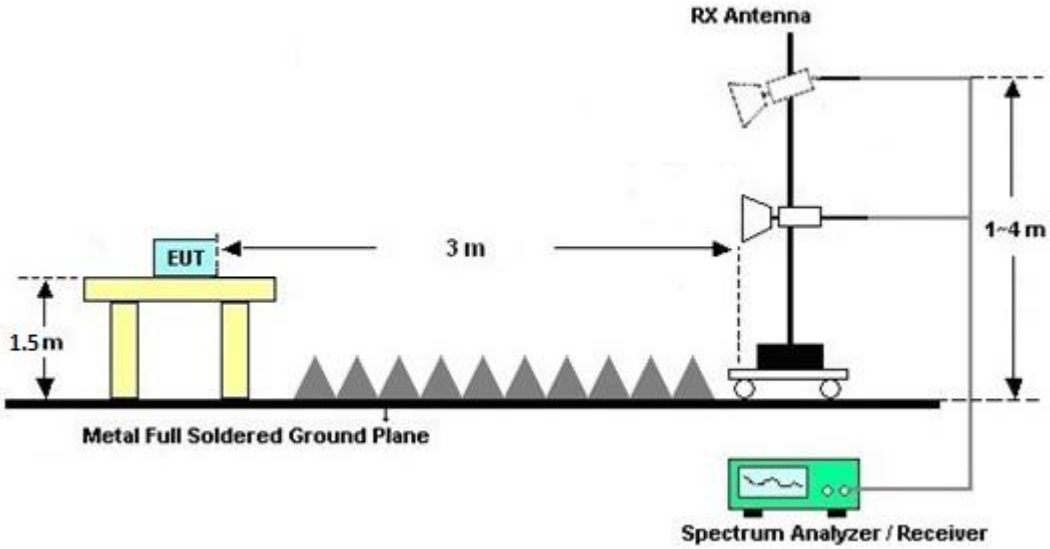
For radiated emissions below 30MHz



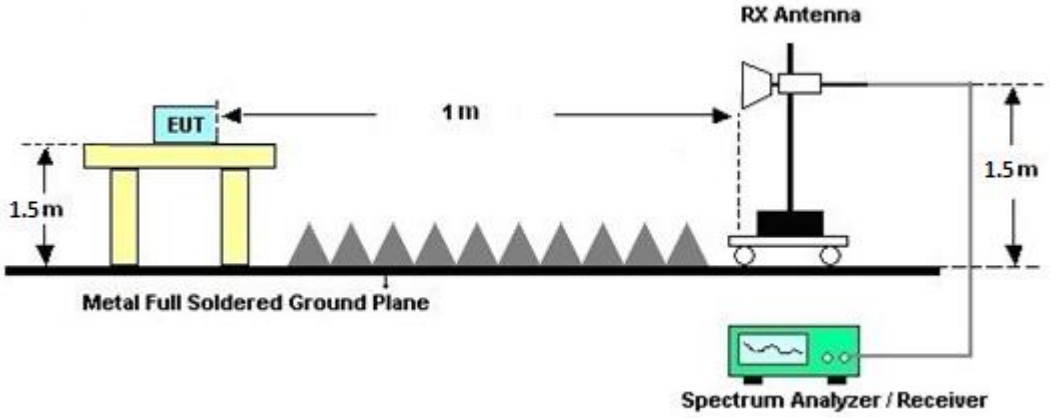
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

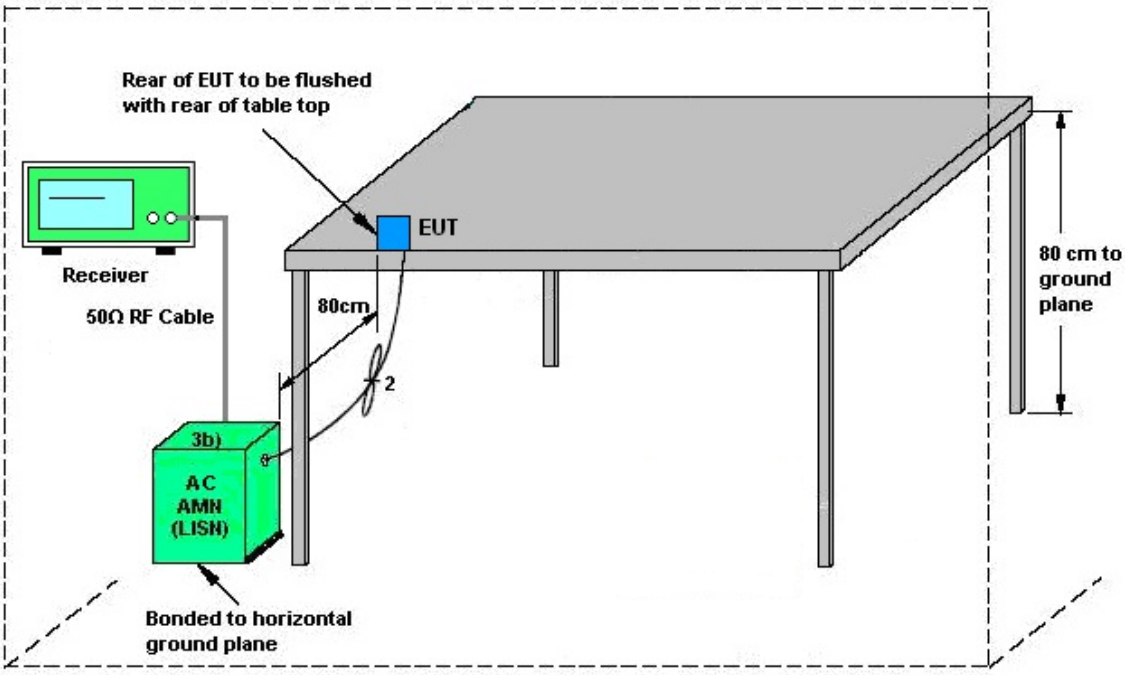
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Apr. 26, 2023~ May 04, 2023	Sep. 19, 2023	Radiation (03CH23-HY)
Bilog Antenna with 6dB pad	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	62028 & 003	N/A	Oct. 11, 2022	Apr. 26, 2023~ May 04, 2023	Oct. 10, 2023	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	N/A	Jul. 16, 2022	Apr. 26, 2023~ May 04, 2023	Jul. 15, 2023	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C05A18EN	1GHz~18GHz	Jul. 06, 2022	Apr. 26, 2023~ May 04, 2023	Jul. 05, 2023	Radiation (03CH23-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1223	18GHz-40GHz	Jul. 05, 2022	Apr. 26, 2023~ May 04, 2023	Jul. 04, 2023	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060878	N/A	Sep. 29, 2022	Apr. 26, 2023~ May 04, 2023	Sep. 28, 2023	Radiation (03CH23-HY)
Preamplifier	EMEC	EM18G40G	060872	18-40GHz	Sep. 28, 2022	Apr. 26, 2023~ May 04, 2023	Sep. 27, 2023	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY62170337	N/A	Sep. 11, 2022	Apr. 26, 2023~ May 04, 2023	Sep. 10, 2023	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303B	TP211542	N/A	Nov. 17, 2022	Apr. 26, 2023~ May 04, 2023	Nov. 16, 2023	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 26, 2023~ May 04, 2023	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Apr. 26, 2023~ May 04, 2023	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Apr. 26, 2023~ May 04, 2023	N/A	Radiation (03CH23-HY)
Software	Audix	E3 6.09824_20191 22	RK-002347	N/A	N/A	Apr. 26, 2023~ May 04, 2023	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 07, 2023	Apr. 26, 2023~ May 04, 2023	Mar. 06, 2024	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804392/2,8046 10/2,804613/2	N/A	Oct. 25, 2022	Apr. 26, 2023~ May 04, 2023	Oct. 24, 2023	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 17, 2022	Apr. 08, 2023~ May 05, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 13, 2022	Apr. 08, 2023~ May 05, 2023	Dec. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Apr. 08, 2023~ May 05, 2023	Aug. 02, 2023	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Apr. 23, 2023~ May 02, 2023	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 23, 2023~ May 02, 2023	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Nov. 01, 2022	Apr. 23, 2023~ May 02, 2023	Oct. 31, 2023	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 15, 2023	Apr. 23, 2023~ May 02, 2023	Mar. 14, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 05, 2023	Apr. 23, 2023~ May 02, 2023	Mar. 04, 2024	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 06, 2022	Apr. 23, 2023~ May 02, 2023	Oct. 05, 2023	Conduction (CO07-HY)

5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.46 dB**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.8 dB**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.4 dB**

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.3 dB**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	James Li and Mina Liu	Temperature:	21~25	°C
Test Date:	2023/4/8~2023/5/5	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	16.83	-	20.46	-	-		22.26	-		
11a	6Mbps	1	44	5220	16.78	-	20.52	-	-		22.25	-		
11a	6Mbps	1	48	5240	16.78	-	20.46	-	-		22.25	-		
VHT20	MCS0	1	36	5180	17.58	-	20.46	-	-		22.45	-		
VHT20	MCS0	1	44	5220	17.58	-	20.46	-	-		22.45	-	-	
VHT20	MCS0	1	48	5240	17.58	-	20.52	-	-		22.45	-		
VHT40	MCS0	1	38	5190	36.16	-	40.32	-	-		23.01	-		
VHT40	MCS0	1	46	5230	36.16	-	39.96	-	-		23.01	-		
VHT80	MCS0	1	42	5210	75.76	-	82.32	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	10.60	-	-	24.00	-	1.89	-	-	Pass
11a	6Mbps	1	44	5220	10.70	-		24.00	-	1.89	-		Pass
11a	6Mbps	1	48	5240	10.50	-		24.00	-	1.89	-		Pass
HT20	MCS0	1	36	5180	10.30	-		24.00	-	1.89	-		Pass
HT20	MCS0	1	44	5220	10.50	-		24.00	-	1.89	-		Pass
HT20	MCS0	1	48	5240	10.30	-		24.00	-	1.89	-		Pass
HT40	MCS0	1	38	5190	10.60	-		24.00	-	1.89	-		Pass
HT40	MCS0	1	46	5230	10.30	-		24.00	-	1.89	-		Pass
VHT20	MCS0	1	36	5180	10.40	-		24.00	-	1.89	-		Pass
VHT20	MCS0	1	44	5220	10.60	-		24.00	-	1.89	-		Pass
VHT20	MCS0	1	48	5240	10.40	-		24.00	-	1.89	-		Pass
VHT40	MCS0	1	38	5190	10.70	-		24.00	-	1.89	-		Pass
VHT40	MCS0	1	46	5230	10.40	-		24.00	-	1.89	-		Pass
VHT80	MCS0	1	42	5210	7.10	-		24.00	-	1.89	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	1.60	-		11.00	-	1.89	-		Pass
11a	6Mbps	1	44	5220	1.53	-		11.00	-	1.89	-		Pass
11a	6Mbps	1	48	5240	1.49	-		11.00	-	1.89	-		Pass
VHT20	MCS0	1	36	5180	0.73	-		11.00	-	1.89	-		Pass
VHT20	MCS0	1	44	5220	0.78	-	-	11.00	-	1.89	-	-	Pass
VHT20	MCS0	1	48	5240	0.87	-		11.00	-	1.89	-		Pass
VHT40	MCS0	1	38	5190	-1.50	-		11.00	-	1.89	-		Pass
VHT40	MCS0	1	46	5230	-1.88	-		11.00	-	1.89	-		Pass
VHT80	MCS0	1	42	5210	-9.17	-		11.00	-	1.89	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.83	-	20.34	-	23.26	-	29.26	-	23.98	-	-
11a	6Mbps	1	60	5300	16.78	-	20.52	-	23.25	-	29.25	-	23.98	-	
11a	6Mbps	1	64	5320	16.88	-	20.40	-	23.27	-	29.27	-	23.98	-	
VHT20	MCS0	1	52	5260	17.58	-	20.52	-	23.45	-	29.45	-	23.98	-	
VHT20	MCS0	1	60	5300	17.58	-	20.40	-	23.45	-	29.45	-	23.98	-	
VHT20	MCS0	1	64	5320	17.58	-	20.52	-	23.45	-	29.45	-	23.98	-	
VHT40	MCS0	1	54	5270	36.16	-	40.32	-	23.98	-	30.00	-	23.98	-	
VHT40	MCS0	1	62	5310	36.26	-	40.08	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.76	-	82.56	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	11.00	-	-	23.98	-	1.78	-	26.99	Pass
11a	6Mbps	1	60	5300	11.30	-		23.98	-	1.78	-	26.99	Pass
11a	6Mbps	1	64	5320	11.10	-		23.98	-	1.78	-	26.99	Pass
HT20	MCS0	1	52	5260	10.90	-		23.98	-	1.78	-	26.99	Pass
HT20	MCS0	1	60	5300	11.00	-		23.98	-	1.78	-	26.99	Pass
HT20	MCS0	1	64	5320	11.20	-		23.98	-	1.78	-	26.99	Pass
HT40	MCS0	1	54	5270	10.20	-		23.98	-	1.78	-	26.99	Pass
HT40	MCS0	1	62	5310	10.70	-		23.98	-	1.78	-	26.99	Pass
VHT20	MCS0	1	52	5260	11.00	-		23.98	-	1.78	-	26.99	Pass
VHT20	MCS0	1	60	5300	11.10	-		23.98	-	1.78	-	26.99	Pass
VHT20	MCS0	1	64	5320	11.30	-		23.98	-	1.78	-	26.99	Pass
VHT40	MCS0	1	54	5270	10.30	-		23.98	-	1.78	-	26.99	Pass
VHT40	MCS0	1	62	5310	10.80	-		23.98	-	1.78	-	26.99	Pass
VHT80	MCS0	1	58	5290	9.10	-		23.98	-	1.78	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	1.65	-		11.00	-	1.78	-		Pass
11a	6Mbps	1	60	5300	1.74	-		11.00	-	1.78	-		Pass
11a	6Mbps	1	64	5320	1.50	-		11.00	-	1.78	-		Pass
VHT20	MCS0	1	52	5260	0.95	-		11.00	-	1.78	-		Pass
VHT20	MCS0	1	60	5300	0.99	-	-	11.00	-	1.78	-	-	Pass
VHT20	MCS0	1	64	5320	1.26	-		11.00	-	1.78	-		Pass
VHT40	MCS0	1	54	5270	-1.76	-		11.00	-	1.78	-		Pass
VHT40	MCS0	1	62	5310	-1.19	-		11.00	-	1.78	-		Pass
VHT80	MCS0	1	58	5290	-7.18	-		11.00	-	1.78	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.83	-	20.40	-	23.26	-	29.26	-	23.98	-	----	----
11a	6Mbps	1	116	5580	16.78	-	20.34	-	23.25	-	29.25	-	23.98	-	----	----
11a	6Mbps	1	140	5700	16.78	-	20.46	-	23.25	-	29.25	-	23.98	-	----	----
VHT20	MCS0	1	100	5500	17.58	-	20.46	-	23.45	-	29.45	-	23.98	-	----	----
VHT20	MCS0	1	116	5580	17.58	-	20.52	-	23.45	-	29.45	-	23.98	-	----	----
VHT20	MCS0	1	140	5700	17.58	-	20.46	-	23.45	-	29.45	-	23.98	-	----	----
VHT40	MCS0	1	102	5510	36.26	-	40.56	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	110	5550	36.26	-	40.32	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	134	5670	36.26	-	40.32	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	75.76	-	82.32	-	23.98	-	30.00	-	23.98	-	----	----

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	12.00	-	-	23.98	-	0.68	-	26.99	Pass
11a	6Mbps	1	116	5580	11.90	-		23.98	-	0.68	-	26.99	Pass
11a	6Mbps	1	140	5700	11.90	-		23.98	-	0.68	-	26.99	Pass
HT20	MCS0	1	100	5500	11.70	-		23.98	-	0.68	-	26.99	Pass
HT20	MCS0	1	116	5580	11.60	-		23.98	-	0.68	-	26.99	Pass
HT20	MCS0	1	140	5700	11.60	-		23.98	-	0.68	-	26.99	Pass
HT40	MCS0	1	102	5510	11.60	-		23.98	-	0.68	-	26.99	Pass
HT40	MCS0	1	110	5550	11.40	-		23.98	-	0.68	-	26.99	Pass
HT40	MCS0	1	134	5670	11.10	-		23.98	-	0.68	-	26.99	Pass
VHT20	MCS0	1	100	5500	11.80	-		23.98	-	0.68	-	26.99	Pass
VHT20	MCS0	1	116	5580	11.70	-		23.98	-	0.68	-	26.99	Pass
VHT20	MCS0	1	140	5700	11.70	-		23.98	-	0.68	-	26.99	Pass
VHT40	MCS0	1	102	5510	11.70	-		23.98	-	0.68	-	26.99	Pass
VHT40	MCS0	1	110	5550	11.50	-		23.98	-	0.68	-	26.99	Pass
VHT40	MCS0	1	134	5670	11.20	-		23.98	-	0.68	-	26.99	Pass
VHT80	MCS0	1	106	5530	9.10	-		23.98	-	0.68	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	3.04	-	-	11.00	-	0.68	-	-	Pass
11a	6Mbps	1	116	5580	2.85	-		11.00	-	0.68	-		Pass
11a	6Mbps	1	140	5700	2.53	-		11.00	-	0.68	-		Pass
VHT20	MCS0	1	100	5500	2.32	-		11.00	-	0.68	-		Pass
VHT20	MCS0	1	116	5580	2.40	-		11.00	-	0.68	-		Pass
VHT20	MCS0	1	140	5700	2.29	-		11.00	-	0.68	-		Pass
VHT40	MCS0	1	102	5510	-0.49	-		11.00	-	0.68	-		Pass
VHT40	MCS0	1	110	5550	-0.29	-		11.00	-	0.68	-		Pass
VHT40	MCS0	1	134	5670	-0.40	-		11.00	-	0.68	-		Pass
VHT80	MCS0	1	106	5530	-7.28	-		11.00	-	0.68	-		Pass

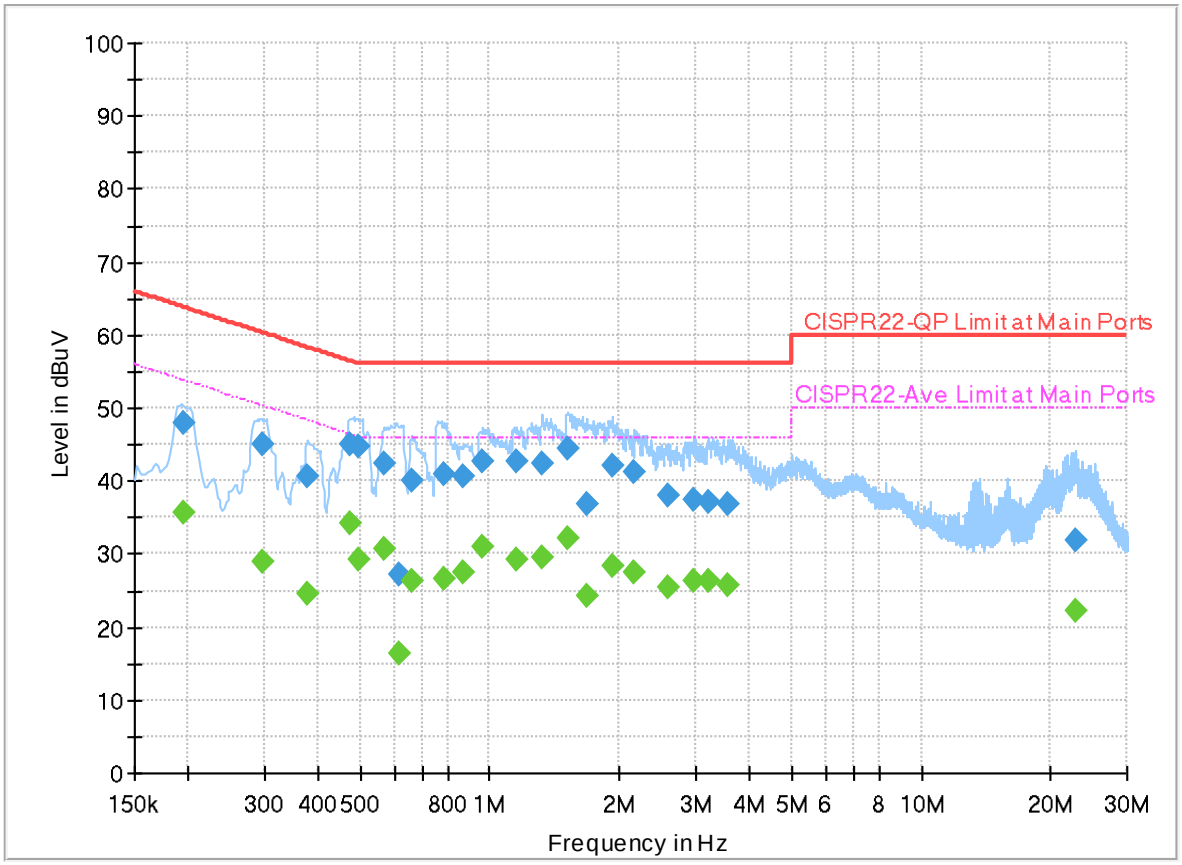
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	21.2~23.6℃
		Relative Humidity :	58.3~63.4%

EUT Information

Report NO :	332001
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



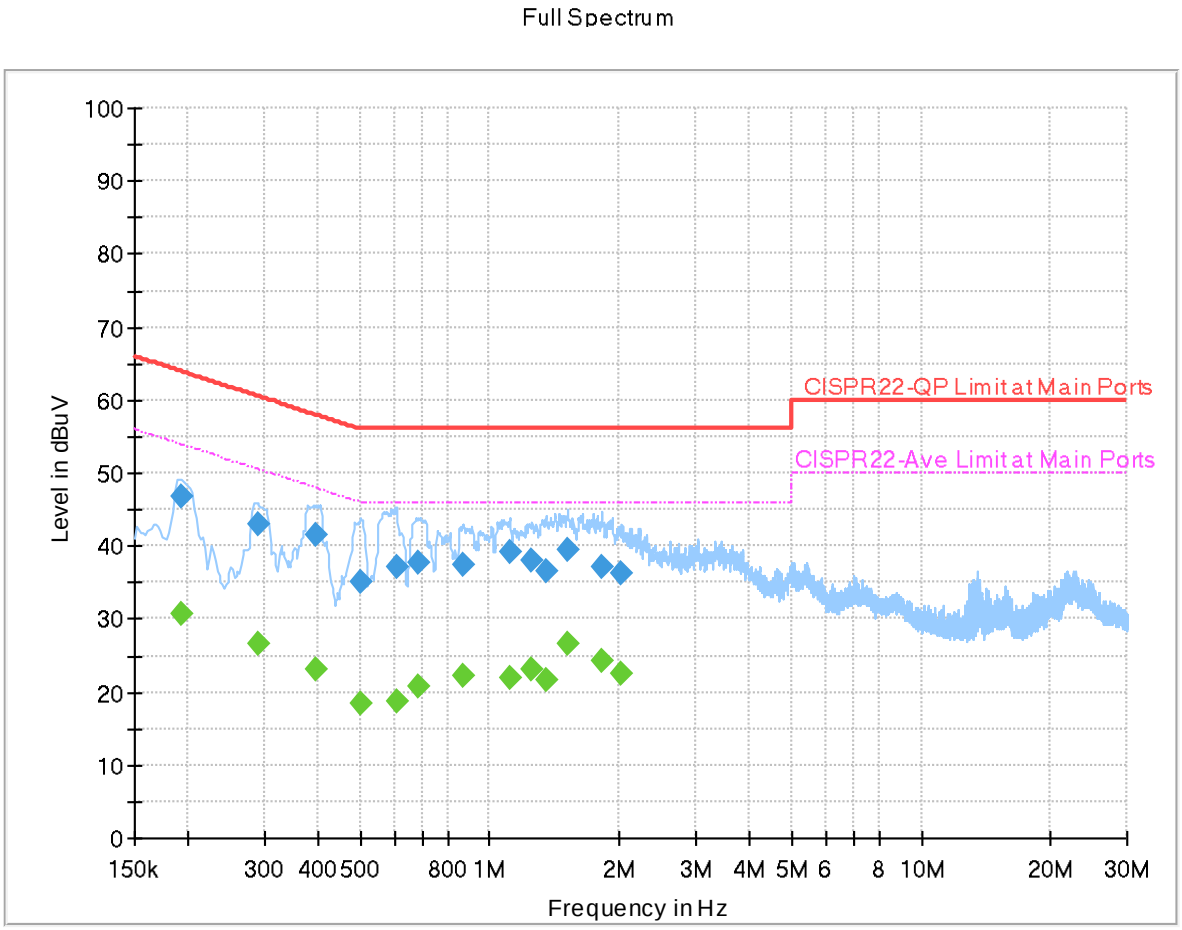
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.195000	---	35.58	53.82	18.24	L1	OFF	19.9
0.195000	47.99	---	63.82	15.83	L1	OFF	19.9
0.298500	---	29.07	50.28	21.21	L1	OFF	20.0
0.298500	45.05	---	60.28	15.23	L1	OFF	20.0
0.379410	---	24.64	48.29	23.65	L1	OFF	20.0
0.379410	40.57	---	58.29	17.72	L1	OFF	20.0
0.476250	---	34.30	46.40	12.10	L1	OFF	20.0
0.476250	44.96	---	56.40	11.44	L1	OFF	20.0
0.494250	---	29.19	46.10	16.91	L1	OFF	20.0
0.494250	44.69	---	56.10	11.41	L1	OFF	20.0
0.566250	---	30.71	46.00	15.29	L1	OFF	20.0
0.566250	42.53	---	56.00	13.47	L1	OFF	20.0
0.618270	---	16.50	46.00	29.50	L1	OFF	20.0
0.618270	27.26	---	56.00	28.74	L1	OFF	20.0
0.657240	---	26.40	46.00	19.60	L1	OFF	20.0
0.657240	40.05	---	56.00	15.95	L1	OFF	20.0
0.780180	---	26.73	46.00	19.27	L1	OFF	20.0
0.780180	40.85	---	56.00	15.15	L1	OFF	20.0
0.868470	---	27.53	46.00	18.47	L1	OFF	20.0

0.868470	40.75	---	56.00	15.25	L1	OFF	20.0
0.960450	---	30.92	46.00	15.08	L1	OFF	20.0
0.960450	42.68	---	56.00	13.32	L1	OFF	20.0
1.157370	---	29.28	46.00	16.72	L1	OFF	20.0
1.157370	42.56	---	56.00	13.44	L1	OFF	20.0
1.327380	---	29.41	46.00	16.59	L1	OFF	20.0
1.327380	42.46	---	56.00	13.54	L1	OFF	20.0
1.513500	---	32.15	46.00	13.85	L1	OFF	20.0
1.513500	44.52	---	56.00	11.48	L1	OFF	20.0
1.671000	---	24.37	46.00	21.63	L1	OFF	20.0
1.671000	36.86	---	56.00	19.14	L1	OFF	20.0
1.920750	---	28.50	46.00	17.50	L1	OFF	20.0
1.920750	42.09	---	56.00	13.91	L1	OFF	20.0
2.169870	---	27.63	46.00	18.37	L1	OFF	20.0
2.169870	41.21	---	56.00	14.79	L1	OFF	20.0
2.598000	---	25.40	46.00	20.60	L1	OFF	20.0
2.598000	37.99	---	56.00	18.01	L1	OFF	20.0
2.984730	---	26.21	46.00	19.79	L1	OFF	20.0
2.984730	37.31	---	56.00	18.69	L1	OFF	20.0
3.225750	---	26.32	46.00	19.68	L1	OFF	20.0
3.225750	37.20	---	56.00	18.80	L1	OFF	20.0
3.574500	---	25.72	46.00	20.28	L1	OFF	20.0
3.574500	36.79	---	56.00	19.21	L1	OFF	20.0
22.940790	---	22.19	50.00	27.81	L1	OFF	20.2
22.940790	31.84	---	60.00	28.16	L1	OFF	20.2

EUT Information

Report NO :	332001
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.192390	---	30.69	53.93	23.24	N	OFF	20.0
0.192390	46.91	---	63.93	17.02	N	OFF	20.0
0.289500	---	26.54	50.54	24.00	N	OFF	20.0
0.289500	42.93	---	60.54	17.61	N	OFF	20.0
0.396690	---	23.17	47.92	24.75	N	OFF	20.0
0.396690	41.38	---	57.92	16.54	N	OFF	20.0
0.500730	---	18.47	46.00	27.53	N	OFF	20.0
0.500730	35.13	---	56.00	20.87	N	OFF	20.0
0.607920	---	18.60	46.00	27.40	N	OFF	20.0
0.607920	37.15	---	56.00	18.85	N	OFF	20.0
0.683340	---	20.85	46.00	25.15	N	OFF	20.0
0.683340	37.57	---	56.00	18.43	N	OFF	20.0
0.869820	---	22.35	46.00	23.65	N	OFF	20.0
0.869820	37.57	---	56.00	18.43	N	OFF	20.0
1.111290	---	21.83	46.00	24.17	N	OFF	20.0
1.111290	39.07	---	56.00	16.93	N	OFF	20.0
1.254390	---	22.99	46.00	23.01	N	OFF	20.0
1.254390	38.12	---	56.00	17.88	N	OFF	20.0
1.356000	---	21.71	46.00	24.29	N	OFF	20.0

1.356000	36.57	---	56.00	19.43	N	OFF	20.0
1.513500	---	26.56	46.00	19.44	N	OFF	20.0
1.513500	39.47	---	56.00	16.53	N	OFF	20.0
1.815000	---	24.16	46.00	21.84	N	OFF	20.0
1.815000	37.22	---	56.00	18.78	N	OFF	20.0
2.022630	---	22.61	46.00	23.39	N	OFF	20.0
2.022630	36.30	---	56.00	19.70	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Li and Shiming Liu	Temperature :	18.3~24.5°C
		Relative Humidity :	42.3~68.5%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5145.6	53.56	-20.44	74	41.15	32.81	12.86	33.26	112	188	P	H
		5149.76	45.35	-8.65	54	32.95	32.8	12.87	33.27	112	188	A	H
	*	5180	107.41	-	-	95.01	32.8	12.92	33.32	112	188	P	H
	*	5180	100.25	-	-	87.85	32.8	12.92	33.32	112	188	A	H
													H
													H
		5126.36	51.9	-22.1	74	39.44	32.85	12.83	33.22	333	223	P	V
		5146.38	42.51	-11.49	54	30.1	32.81	12.86	33.26	333	223	A	V
	*	5180	100.06	-	-	87.66	32.8	12.92	33.32	333	223	P	V
	*	5180	93.11	-	-	80.71	32.8	12.92	33.32	333	223	A	V
													V
													V
802.11a CH 44 5220MHz		5121.42	52.59	-21.41	74	40.13	32.86	12.82	33.22	105	185	P	H
		5147.94	43.88	-10.12	54	31.47	32.8	12.87	33.26	105	185	A	H
	*	5220	106.78	-	-	94.47	32.72	12.98	33.39	105	185	P	H
	*	5220	100.08	-	-	87.77	32.72	12.98	33.39	105	185	A	H
		5357.14	50.75	-23.25	74	38.63	32.61	13.15	33.64	105	185	P	H
		5351.47	41.43	-12.57	54	29.31	32.6	13.15	33.63	105	185	A	H
		5104.52	50.25	-23.75	74	37.75	32.89	12.8	33.19	102	61	P	V
		5090.74	42.02	-11.98	54	29.54	32.86	12.78	33.16	102	61	A	V
	*	5220	100.89	-	-	88.58	32.72	12.98	33.39	102	61	P	V
	*	5220	93.52	-	-	81.21	32.72	12.98	33.39	102	61	A	V
		5362.54	49.23	-24.77	74	37.09	32.63	13.16	33.65	102	61	P	V
		5456.77	40.19	-13.81	54	27.91	32.83	13.26	33.81	102	61	A	V

802.11a CH 48 5240MHz		5086.06	52.23	-21.77	74	39.77	32.84	12.77	33.15	100	182	P	H
		5146.64	43.26	-10.74	54	30.85	32.81	12.86	33.26	100	182	A	H
	*	5240	106.2	-	-	93.99	32.64	13	33.43	100	182	P	H
	*	5240	99.99	-	-	87.78	32.64	13	33.43	100	182	A	H
		5430.31	49.24	-24.76	74	37.01	32.76	13.24	33.77	100	182	P	H
		5352.01	41.42	-12.58	54	29.3	32.6	13.15	33.63	100	182	A	H
		5094.9	52	-22	74	39.51	32.88	12.78	33.17	100	63	P	V
		5133.38	42.22	-11.78	54	29.79	32.83	12.84	33.24	100	63	A	V
	*	5240	102.67	-	-	90.46	32.64	13	33.43	100	63	P	V
	*	5240	96.58	-	-	84.37	32.64	13	33.43	100	63	A	V
		5438.95	49.59	-24.41	74	37.34	32.78	13.25	33.78	100	63	P	V
		5359.84	41.38	-12.62	54	29.24	32.62	13.16	33.64	100	63	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	48.26	-19.94	68.2	30.31	37.54	19.28	38.87	-	-	P	H
		15540	52.35	-21.65	74	32.74	40.88	23.41	44.68	-	-	P	H
		15540	43.14	-10.86	54	23.53	40.88	23.41	44.68	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	48.48	-19.72	68.2	30.53	37.54	19.28	38.87	-	-	P	V
		15540	52.43	-21.57	74	32.82	40.88	23.41	44.68	-	-	P	V
		15540	43.22	-10.78	54	23.61	40.88	23.41	44.68	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	48.23	-19.97	68.2	30.36	37.5	19.33	38.96	-	-	P	H
		15660	52.24	-21.76	74	32.86	40.7	23.51	44.83	-	-	P	H
		15660	43.03	-10.97	54	23.65	40.7	23.51	44.83	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz		10440	49.31	-18.89	68.2	31.44	37.5	19.33	38.96	-	-	P	V
		15660	51.9	-22.1	74	32.52	40.7	23.51	44.83	-	-	P	V
		15660	42.69	-11.31	54	23.31	40.7	23.51	44.83	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	48.97	-19.23	68.2	31.1	37.5	19.37	39	-	-	P	H
		15720	51.97	-22.03	74	32.54	40.78	23.56	44.91	-	-	P	H
		15720	42.76	-11.24	54	23.33	40.78	23.56	44.91	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10480	48.87	-19.33	68.2	31	37.5	19.37	39	-	-	P	V
		15720	51.44	-22.56	74	32.01	40.78	23.56	44.91	-	-	P	V
		15720	42.23	-11.77	54	22.8	40.78	23.56	44.91	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5146.38	54.4	-19.6	74	41.99	32.81	12.86	33.26	101	185	P	H
		5145.6	44.96	-9.04	54	32.55	32.81	12.86	33.26	101	185	A	H
	*	5180	106.64	-	-	94.24	32.8	12.92	33.32	101	185	P	H
	*	5180	99.81	-	-	87.41	32.8	12.92	33.32	101	185	A	H
802.11ac													H
VHT20													H
CH 36		5136.76	52.48	-21.52	74	40.04	32.83	12.85	33.24	312	226	P	V
5180MHz		5146.38	42.53	-11.47	54	30.12	32.81	12.86	33.26	312	226	A	V
	*	5180	100.43	-	-	88.03	32.8	12.92	33.32	312	226	P	V
	*	5180	92.98	-	-	80.58	32.8	12.92	33.32	312	226	A	V
													V
													V
		5127.4	52.58	-21.42	74	40.13	32.85	12.83	33.23	115	187	P	H
		5143	43.85	-10.15	54	31.43	32.81	12.86	33.25	115	187	A	H
	*	5220	106.27	-	-	93.96	32.72	12.98	33.39	115	187	P	H
	*	5220	99.46	-	-	87.15	32.72	12.98	33.39	115	187	A	H
802.11ac		5418.16	49.21	-24.79	74	36.98	32.74	13.23	33.74	115	187	P	H
VHT20		5351.2	41.26	-12.74	54	29.14	32.6	13.15	33.63	115	187	A	H
CH 44		5072.28	50.11	-23.89	74	37.7	32.79	12.75	33.13	102	62	P	V
5220MHz		5094.9	41.99	-12.01	54	29.5	32.88	12.78	33.17	102	62	A	V
	*	5220	100.29	-	-	87.98	32.72	12.98	33.39	102	62	P	V
	*	5220	93.23	-	-	80.92	32.72	12.98	33.39	102	62	A	V
		5366.59	48.09	-25.91	74	35.94	32.63	13.17	33.65	102	62	P	V
		5355.79	40.14	-13.86	54	28.01	32.61	13.15	33.63	102	62	A	V

		5115.7	52.06	-21.94	74	39.58	32.87	12.82	33.21	104	184	P	H
		5146.64	43.48	-10.52	54	31.07	32.81	12.86	33.26	104	184	A	H
	*	5240	106.72	-	-	94.51	32.64	13	33.43	104	184	P	H
	*	5240	99.97	-	-	87.76	32.64	13	33.43	104	184	A	H
802.11ac		5414.38	49.86	-24.14	74	37.65	32.73	13.22	33.74	104	184	P	H
VHT20		5350.39	41.67	-12.33	54	29.54	32.6	13.15	33.62	104	184	A	H
CH 48		5089.18	51.5	-22.5	74	39.03	32.86	12.77	33.16	107	62	P	V
5240MHz		5090.22	41.99	-12.01	54	29.52	32.86	12.77	33.16	107	62	A	V
	*	5240	102.92	-	-	90.71	32.64	13	33.43	107	62	P	V
	*	5240	95.99	-	-	83.78	32.64	13	33.43	107	62	A	V
		5427.88	50.14	-23.86	74	37.9	32.76	13.24	33.76	107	62	P	V
		5350.12	41.05	-12.95	54	28.92	32.6	13.15	33.62	107	62	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	48.96	-19.24	68.2	31.01	37.54	19.28	38.87	-	-	P	H
		15540	52.52	-21.48	74	32.91	40.88	23.41	44.68	-	-	P	H
		15540	43.31	-10.69	54	23.7	40.88	23.41	44.68	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 36		10360	47.96	-20.24	68.2	30.01	37.54	19.28	38.87	-	-	P	V
5180MHz		15540	52.77	-21.23	74	33.16	40.88	23.41	44.68	-	-	P	V
		15540	43.56	-10.44	54	23.95	40.88	23.41	44.68	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	48.43	-19.77	68.2	30.56	37.5	19.33	38.96	-	-	P	H
		15660	52.16	-21.84	74	32.78	40.7	23.51	44.83	-	-	P	H
		15660	42.95	-11.05	54	23.57	40.7	23.51	44.83	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 44		10440	48.82	-19.38	68.2	30.95	37.5	19.33	38.96	-	-	P	V
5220MHz		15660	51.77	-22.23	74	32.39	40.7	23.51	44.83	-	-	P	V
		15660	42.56	-11.44	54	23.18	40.7	23.51	44.83	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	48.99	-19.21	68.2	31.12	37.5	19.37	39	-	-	P	H
		15720	52.22	-21.78	74	32.79	40.78	23.56	44.91	-	-	P	H
		15720	43.01	-10.99	54	23.58	40.78	23.56	44.91	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 48		10480	49.5	-18.7	68.2	31.63	37.5	19.37	39	-	-	P	V
5240MHz		15720	52.41	-21.59	74	32.98	40.78	23.56	44.91	-	-	P	V
		15720	43.2	-10.8	54	23.77	40.78	23.56	44.91	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 38 5190MHz		5150	57.65	-16.35	74	45.25	32.8	12.87	33.27	109	186	P	H
		5149.76	48.61	-5.39	54	36.21	32.8	12.87	33.27	109	186	A	H
	*	5190	103.81	-	-	91.42	32.8	12.93	33.34	109	186	P	H
	*	5190	96.73	-	-	84.34	32.8	12.93	33.34	109	186	A	H
		5386.08	50.69	-23.31	74	38.52	32.67	13.19	33.69	109	186	P	H
		5351.08	42	-12	54	29.87	32.6	13.15	33.62	109	186	A	H
		5129.74	53.08	-20.92	74	40.63	32.84	12.84	33.23	309	226	P	V
		5150	44.17	-9.83	54	31.77	32.8	12.87	33.27	309	226	A	V
	*	5190	97.42	-	-	85.03	32.8	12.93	33.34	309	226	P	V
	*	5190	90.51	-	-	78.12	32.8	12.93	33.34	309	226	A	V
		5452.16	49.43	-24.57	74	37.16	32.81	13.26	33.8	309	226	P	V
		5436.2	40.62	-13.38	54	28.39	32.77	13.24	33.78	309	226	A	V
802.11ac VHT40 CH 46 5230MHz		5114.92	53.82	-20.18	74	41.34	32.87	12.81	33.2	122	187	P	H
		5146.12	44.62	-9.38	54	32.21	32.81	12.86	33.26	122	187	A	H
	*	5230	104.05	-	-	91.79	32.68	12.99	33.41	122	187	P	H
	*	5230	97.29	-	-	85.03	32.68	12.99	33.41	122	187	A	H
		5424.72	50.23	-23.77	74	38.01	32.75	13.23	33.76	122	187	P	H
		5356.96	42.43	-11.57	54	30.31	32.61	13.15	33.64	122	187	A	H
		5146.12	51.85	-22.15	74	39.44	32.81	12.86	33.26	106	66	P	V
		5116.48	42.9	-11.1	54	30.42	32.87	12.82	33.21	106	66	A	V
	*	5230	99.22	-	-	86.96	32.68	12.99	33.41	106	66	P	V
	*	5230	92.07	-	-	79.81	32.68	12.99	33.41	106	66	A	V
		5431.16	50.39	-23.61	74	38.16	32.76	13.24	33.77	106	66	P	V
		5355.56	41.52	-12.48	54	29.39	32.61	13.15	33.63	106	66	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	49.1	-19.1	68.2	31.18	37.52	19.29	38.89	-	-	P	H
		15570	51.9	-22.1	74	32.4	40.79	23.43	44.72	200	289	P	H
		15570	41.84	-12.16	54	22.34	40.79	23.43	44.72	200	289	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 38		10380	48.69	-19.51	68.2	30.77	37.52	19.29	38.89	-	-	P	V
5190MHz		15570	51.81	-22.19	74	32.31	40.79	23.43	44.72	400	275	P	V
		15570	42.02	-11.98	54	22.52	40.79	23.43	44.72	400	275	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10460	48.92	-19.28	68.2	31.05	37.5	19.35	38.98	-	-	P	H
		15690	52.49	-21.51	74	33.13	40.7	23.53	44.87	203	295	P	H
		15690	42.18	-11.82	54	22.82	40.7	23.53	44.87	203	295	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 46		10460	49.54	-18.66	68.2	31.67	37.5	19.35	38.98	-	-	P	V
5230MHz		15690	51.83	-22.17	74	32.47	40.7	23.53	44.87	397	279	P	V
		15690	41.87	-12.13	54	22.51	40.7	23.53	44.87	397	279	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5149.76	57.29	-16.71	74	44.89	32.8	12.87	33.27	119	185	P	H
		5149.76	50.48	-3.52	54	38.08	32.8	12.87	33.27	119	185	A	H
	*	5210	97.59	-	-	85.24	32.76	12.96	33.37	119	185	P	H
	*	5210	91.03	-	-	78.68	32.76	12.96	33.37	119	185	A	H
		5442.84	49.52	-24.48	74	37.27	32.79	13.25	33.79	119	185	P	H
		5365.62	43.16	-10.84	54	31.01	32.63	13.17	33.65	119	185	A	H
		5146.9	52.73	-21.27	74	40.31	32.81	12.87	33.26	304	226	P	V
		5150	46.05	-7.95	54	33.65	32.8	12.87	33.27	304	226	A	V
	*	5210	91.59	-	-	79.24	32.76	12.96	33.37	304	226	P	V
	*	5210	84.94	-	-	72.59	32.76	12.96	33.37	304	226	A	V
		5450.12	49.08	-24.92	74	36.82	32.8	13.26	33.8	304	226	P	V
		5410.34	42.25	-11.75	54	30.04	32.72	13.22	33.73	304	226	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	48.4	-19.8	68.2	30.52	37.5	19.32	38.94	-	-	P	H
		15630	51.16	-22.84	74	31.78	40.7	23.48	44.8	206	292	P	H
		15630	41.43	-12.57	54	22.05	40.7	23.48	44.8	206	292	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 42		10420	48.9	-19.3	68.2	31.02	37.5	19.32	38.94	-	-	P	V
5210MHz		15630	51.5	-22.5	74	32.12	40.7	23.48	44.8	396	283	P	V
		15630	41.13	-12.87	54	21.75	40.7	23.48	44.8	396	283	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5105.06	52.83	-21.17	74	40.33	32.89	12.8	33.19	113	185	P	H
		5144.16	43.42	-10.58	54	31.01	32.81	12.86	33.26	113	185	A	H
	*	5260	107.77	-	-	95.58	32.62	13.03	33.46	113	185	P	H
	*	5260	100.24	-	-	88.05	32.62	13.03	33.46	113	185	A	H
		5350.08	50.62	-23.38	74	38.49	32.6	13.15	33.62	113	185	P	H
		5352	41.99	-12.01	54	29.87	32.6	13.15	33.63	113	185	A	H
		5024.82	51.4	-22.6	74	39.07	32.7	12.67	33.04	103	62	P	V
		5074.8	42.08	-11.92	54	29.66	32.8	12.75	33.13	103	62	A	V
	*	5260	104.23	-	-	92.04	32.62	13.03	33.46	103	62	P	V
	*	5260	96.92	-	-	84.73	32.62	13.03	33.46	103	62	A	V
		5377.68	49.39	-24.61	74	37.22	32.66	13.18	33.67	103	62	P	V
		5351.04	41.48	-12.52	54	29.35	32.6	13.15	33.62	103	62	A	V
802.11a CH 60 5300MHz		5127.5	51.15	-22.85	74	38.7	32.85	12.83	33.23	105	183	P	H
		5148.24	42.69	-11.31	54	30.28	32.8	12.87	33.26	105	183	A	H
	*	5300	106.53	-	-	94.28	32.7	13.08	33.53	105	183	P	H
	*	5300	98.96	-	-	86.71	32.7	13.08	33.53	105	183	A	H
		5454.48	50.14	-23.86	74	37.87	32.82	13.26	33.81	105	183	P	H
		5355.12	42.23	-11.77	54	30.1	32.61	13.15	33.63	105	183	A	H
		5069.02	51.45	-22.55	74	39.05	32.78	12.74	33.12	102	59	P	V
		5062.56	41.79	-12.21	54	29.42	32.75	12.73	33.11	102	59	A	V
	*	5300	102.08	-	-	89.83	32.7	13.08	33.53	102	59	P	V
	*	5300	95.22	-	-	82.97	32.7	13.08	33.53	102	59	A	V
		5366.88	48.52	-25.48	74	36.37	32.63	13.17	33.65	102	59	P	V
		5350.32	40.79	-13.21	54	28.66	32.6	13.15	33.62	102	59	A	V

802.11a CH 64 5320MHz	*	5320	107.22	-	-	95.02	32.66	13.11	33.57	118	186	P	H
	*	5320	99.73	-	-	87.53	32.66	13.11	33.57	118	186	A	H
		5354.4	52.48	-21.52	74	40.35	32.61	13.15	33.63	118	186	P	H
		5350.56	43.71	-10.29	54	31.58	32.6	13.15	33.62	118	186	A	H
													H
													H
	*	5320	102.94	-	-	90.74	32.66	13.11	33.57	100	66	P	V
	*	5320	96.01	-	-	83.81	32.66	13.11	33.57	100	66	A	V
		5354.72	52	-22	74	39.87	32.61	13.15	33.63	100	66	P	V
		5353.76	42.16	-11.84	54	30.03	32.61	13.15	33.63	100	66	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.61	-19.59	68.2	30.73	37.52	19.4	39.04	-	-	P	H
		15780	51.92	-22.08	74	32.29	41.02	23.6	44.99	-	-	P	H
		15780	42.71	-11.29	54	23.08	41.02	23.6	44.99	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	48.36	-19.84	68.2	30.48	37.52	19.4	39.04	-	-	P	V
		15780	52.1	-21.9	74	32.47	41.02	23.6	44.99	-	-	P	V
		15780	42.89	-11.11	54	23.26	41.02	23.6	44.99	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	49.46	-24.54	74	31.53	37.6	19.46	39.13	-	-	P	H
		10600	40.25	-13.75	54	22.32	37.6	19.46	39.13	-	-	A	H
		15900	52.13	-21.87	74	32.67	40.9	23.7	45.14	-	-	P	H
		15900	42.92	-11.08	54	23.46	40.9	23.7	45.14	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz													H
		10600	49.67	-24.33	74	31.74	37.6	19.46	39.13	-	-	P	V
		10600	40.46	-13.54	54	22.53	37.6	19.46	39.13	-	-	A	V
		15900	51.58	-22.42	74	32.12	40.9	23.7	45.14	-	-	P	V
		15900	42.37	-11.63	54	22.91	40.9	23.7	45.14	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	50.27	-23.73	74	32.35	37.6	19.49	39.17	-	-	P	H
		10640	41.06	-12.94	54	23.14	37.6	19.49	39.17	-	-	A	H
		15960	52.09	-21.91	74	32.66	40.9	23.75	45.22	-	-	P	H
		15960	42.88	-11.12	54	23.45	40.9	23.75	45.22	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	50.39	-23.61	74	32.47	37.6	19.49	39.17	-	-	P	V
		10640	41.18	-12.82	54	23.26	37.6	19.49	39.17	-	-	A	V
		15960	51.95	-22.05	74	32.52	40.9	23.75	45.22	-	-	P	V
		15960	42.74	-11.26	54	23.31	40.9	23.75	45.22	-	-	A	V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.16	52.42	-21.58	74	40.01	32.81	12.86	33.26	112	185	P	H
		5144.5	43.4	-10.6	54	30.99	32.81	12.86	33.26	112	185	A	H
	*	5260	106.96	-	-	94.77	32.62	13.03	33.46	112	185	P	H
	*	5260	100	-	-	87.81	32.62	13.03	33.46	112	185	A	H
802.11ac		5353.2	49.89	-24.11	74	37.76	32.61	13.15	33.63	112	185	P	H
VHT20		5356.8	41.96	-12.04	54	29.84	32.61	13.15	33.64	112	185	A	H
CH 52		5059.84	51.02	-22.98	74	38.66	32.74	12.73	33.11	102	62	P	V
5260MHz		5131.24	41.96	-12.04	54	29.51	32.84	12.84	33.23	102	62	A	V
	*	5260	104.06	-	-	91.87	32.62	13.03	33.46	102	62	P	V
	*	5260	96.59	-	-	84.4	32.62	13.03	33.46	102	62	A	V
		5444.16	50.86	-23.14	74	38.61	32.79	13.25	33.79	102	62	P	V
		5351.76	41.43	-12.57	54	29.31	32.6	13.15	33.63	102	62	A	V
		5070.04	50.71	-23.29	74	38.31	32.78	12.74	33.12	139	183	P	H
		5148.24	42.66	-11.34	54	30.25	32.8	12.87	33.26	139	183	A	H
	*	5300	105.28	-	-	93.03	32.7	13.08	33.53	139	183	P	H
	*	5300	98.95	-	-	86.7	32.7	13.08	33.53	139	183	A	H
802.11ac		5354.64	50.21	-23.79	74	38.08	32.61	13.15	33.63	139	183	P	H
VHT20		5350.08	43.23	-10.77	54	31.1	32.6	13.15	33.62	139	183	A	H
CH 60		5070.38	51.33	-22.67	74	38.94	32.78	12.74	33.13	100	61	P	V
5300MHz		5104.38	41.94	-12.06	54	29.44	32.89	12.8	33.19	100	61	A	V
	*	5300	102.43	-	-	90.18	32.7	13.08	33.53	100	61	P	V
	*	5300	94.93	-	-	82.68	32.7	13.08	33.53	100	61	A	V
		5354.88	49.58	-24.42	74	37.45	32.61	13.15	33.63	100	61	P	V
		5356.56	41.54	-12.46	54	29.41	32.61	13.15	33.63	100	61	A	V

	*	5320	105.87	-	-	93.67	32.66	13.11	33.57	138	189	P	H
	*	5320	98.43	-	-	86.23	32.66	13.11	33.57	138	189	A	H
		5350.4	52.22	-21.78	74	40.09	32.6	13.15	33.62	138	189	P	H
		5351.36	43.31	-10.69	54	31.19	32.6	13.15	33.63	138	189	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	104.42	-	-	92.22	32.66	13.11	33.57	103	60	P	V
5320MHz	*	5320	96.77	-	-	84.57	32.66	13.11	33.57	103	60	A	V
		5350.56	52.18	-21.82	74	40.05	32.6	13.15	33.62	103	60	P	V
		5350.72	42.23	-11.77	54	30.1	32.6	13.15	33.62	103	60	A	V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	48.45	-19.75	68.2	30.57	37.52	19.4	39.04	-	-	P	H
		15780	52.52	-21.48	74	32.89	41.02	23.6	44.99	-	-	P	H
		15780	43.31	-10.69	54	23.68	41.02	23.6	44.99	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 52		10520	48.09	-20.11	68.2	30.21	37.52	19.4	39.04	-	-	P	V
5260MHz		15780	51.97	-22.03	74	32.34	41.02	23.6	44.99	-	-	P	V
		15780	42.76	-11.24	54	23.13	41.02	23.6	44.99	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	50.42	-23.58	74	32.49	37.6	19.46	39.13	-	-	P	H
		10600	41.21	-12.79	54	23.28	37.6	19.46	39.13	-	-	A	H
		15900	52.56	-21.44	74	33.1	40.9	23.7	45.14	-	-	P	H
		15900	43.35	-10.65	54	23.89	40.9	23.7	45.14	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 60		10600	49.61	-24.39	74	31.68	37.6	19.46	39.13	-	-	P	V
5300MHz		10600	40.4	-13.6	54	22.47	37.6	19.46	39.13	-	-	A	V
		15900	51.99	-22.01	74	32.53	40.9	23.7	45.14	-	-	P	V
		15900	42.78	-11.22	54	23.32	40.9	23.7	45.14	-	-	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	50.58	-23.42	74	32.66	37.6	19.49	39.17	-	-	P	H
		10640	41.37	-12.63	54	23.45	37.6	19.49	39.17	-	-	A	H
		15960	52.78	-21.22	74	33.35	40.9	23.75	45.22	-	-	P	H
		15960	43.57	-10.43	54	24.14	40.9	23.75	45.22	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 64		10640	49.81	-24.19	74	31.89	37.6	19.49	39.17	-	-	P	V
5320MHz		10640	40.6	-13.4	54	22.68	37.6	19.49	39.17	-	-	A	V
		15960	51.28	-22.72	74	31.85	40.9	23.75	45.22	-	-	P	V
		15960	42.07	-11.93	54	22.64	40.9	23.75	45.22	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 54 5270MHz		5119	52.61	-21.39	74	40.14	32.86	12.82	33.21	104	185	P	H
		5149.6	43.87	-10.13	54	31.47	32.8	12.87	33.27	104	185	A	H
	*	5270	103.42	-	-	91.22	32.64	13.04	33.48	104	185	P	H
	*	5270	96.55	-	-	84.35	32.64	13.04	33.48	104	185	A	H
		5350.08	51.3	-22.7	74	39.17	32.6	13.15	33.62	104	185	P	H
		5351.52	42.85	-11.15	54	30.73	32.6	13.15	33.63	104	185	A	H
		5088.06	51.75	-22.25	74	39.29	32.85	12.77	33.16	106	62	P	V
		5091.12	43.05	-10.95	54	30.57	32.86	12.78	33.16	106	62	A	V
	*	5270	99.72	-	-	87.52	32.64	13.04	33.48	106	62	P	V
	*	5270	92.78	-	-	80.58	32.64	13.04	33.48	106	62	A	V
		5358.48	50.15	-23.85	74	38.01	32.62	13.16	33.64	106	62	P	V
		5365.44	41.64	-12.36	54	29.49	32.63	13.17	33.65	106	62	A	V
802.11ac VHT40 CH 62 5310MHz		5140.08	51.25	-22.75	74	38.83	32.82	12.85	33.25	104	184	P	H
		5148.24	43.58	-10.42	54	31.17	32.8	12.87	33.26	104	184	A	H
	*	5310	103.02	-	-	90.8	32.68	13.09	33.55	104	184	P	H
	*	5310	96.51	-	-	84.29	32.68	13.09	33.55	104	184	A	H
		5352	55.53	-18.47	74	43.41	32.6	13.15	33.63	104	184	P	H
		5350.08	47.72	-6.28	54	35.59	32.6	13.15	33.62	104	184	A	H
		5087.38	51.34	-22.66	74	38.88	32.85	12.77	33.16	107	61	P	V
		5116.62	42.51	-11.49	54	30.03	32.87	12.82	33.21	107	61	A	V
	*	5310	101.15	-	-	88.93	32.68	13.09	33.55	107	61	P	V
	*	5310	93.58	-	-	81.36	32.68	13.09	33.55	107	61	A	V
		5351.04	53.17	-20.83	74	41.04	32.6	13.15	33.62	107	61	P	V
		5350.08	46.13	-7.87	54	34	32.6	13.15	33.62	107	61	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	49.07	-19.13	68.2	31.18	37.54	19.41	39.06	-	-	P	H
		15810	52.4	-21.6	74	32.73	41.08	23.62	45.03	100	284	P	H
		15810	42.18	-11.82	54	22.51	41.08	23.62	45.03	100	284	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 54		10540	49.83	-18.37	68.2	31.94	37.54	19.41	39.06	-	-	P	V
5270MHz		15810	51.83	-22.17	74	32.16	41.08	23.62	45.03	200	12	P	V
		15810	42.15	-11.85	54	22.48	41.08	23.62	45.03	200	12	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10620	49.49	-24.51	74	31.56	37.6	19.48	39.15	111	294	P	H
		10620	40.35	-13.65	54	22.42	37.6	19.48	39.15	111	294	A	H
		15930	51.9	-22.1	74	32.46	40.9	23.72	45.18	102	289	P	H
		15930	41.48	-12.52	54	22.04	40.9	23.72	45.18	102	289	A	H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 62		10620	48.75	-25.25	74	30.82	37.6	19.48	39.15	207	16	P	V
5310MHz		10620	40.37	-13.63	54	22.44	37.6	19.48	39.15	207	16	A	V
		15930	51.57	-22.43	74	32.13	40.9	23.72	45.18	204	20	P	V
		15930	41.25	-12.75	54	21.81	40.9	23.72	45.18	204	20	A	V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5098.4	51.34	-22.66	74	38.84	32.89	12.79	33.18	100	9	P	H
		5143.1	44.37	-9.63	54	31.95	32.81	12.86	33.25	100	9	A	H
	*	5290	96.99	-	-	84.76	32.68	13.07	33.52	100	9	P	H
	*	5290	90.83	-	-	78.6	32.68	13.07	33.52	100	9	A	H
		5354.4	53.99	-20.01	74	41.86	32.61	13.15	33.63	100	9	P	H
		5350.56	50.51	-3.49	54	38.38	32.6	13.15	33.62	100	9	A	H
		5094.5	50.94	-23.06	74	38.45	32.88	12.78	33.17	100	243	P	V
		5102.9	43.63	-10.37	54	31.13	32.89	12.79	33.18	100	243	A	V
	*	5290	95.16	-	-	82.93	32.68	13.07	33.52	100	243	P	V
	*	5290	88.17	-	-	75.94	32.68	13.07	33.52	100	243	A	V
		5350.56	53.51	-20.49	74	41.38	32.6	13.15	33.62	100	243	P	V
		5350.8	48.87	-5.13	54	36.74	32.6	13.15	33.62	100	243	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	49.28	-18.92	68.2	31.36	37.58	19.45	39.11	-	-	P	H
		15870	52.48	-21.52	74	32.95	40.96	23.67	45.1	200	55	P	H
		15870	45.37	-8.63	54	25.84	40.96	23.67	45.1	200	55	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 58		10580	50.08	-18.12	68.2	32.16	37.58	19.45	39.11	-	-	P	V
5290MHz		15870	52.96	-21.04	74	33.43	40.96	23.67	45.1	200	103	P	V
		15870	45.02	-8.98	54	25.49	40.96	23.67	45.1	200	103	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5458.32	51.88	-22.12	74	39.6	32.83	13.27	33.82	106	196	P	H
		5469.52	52.54	-15.66	68.2	40.22	32.88	13.28	33.84	106	196	P	H
		5460	43.2	-10.8	54	30.91	32.84	13.27	33.82	106	196	A	H
	*	5500	104.84	-	-	92.42	33	13.31	33.89	106	196	P	H
	*	5500	98.11	-	-	85.69	33	13.31	33.89	106	196	A	H
													H
		5452.24	52.07	-21.93	74	39.8	32.81	13.26	33.8	100	59	P	V
		5469.04	51.62	-16.58	68.2	39.29	32.88	13.28	33.83	100	59	P	V
		5455.28	42.69	-11.31	54	30.42	32.82	13.26	33.81	100	59	A	V
	*	5500	103.12	-	-	90.7	33	13.31	33.89	100	59	P	V
	*	5500	96.7	-	-	84.28	33	13.31	33.89	100	59	A	V
													V
802.11a CH 116 5580MHz		5402.56	50.07	-23.93	74	37.87	32.71	13.21	33.72	106	194	P	H
		5466.4	50.45	-17.75	68.2	38.14	32.87	13.27	33.83	106	194	P	H
		5459.92	41.15	-12.85	54	28.86	32.84	13.27	33.82	106	194	A	H
	*	5580	104.39	-	-	91.79	33.18	13.38	33.96	106	194	P	H
	*	5580	97.52	-	-	84.92	33.18	13.38	33.96	106	194	A	H
		5750.51	51.42	-16.78	68.2	37.81	34.1	13.62	34.11	106	194	P	H
		5458	49.77	-24.23	74	37.49	32.83	13.27	33.82	100	59	P	V
		5462.8	48.75	-19.45	68.2	36.45	32.85	13.27	33.82	100	59	P	V
		5454.16	40.82	-13.18	54	28.55	32.82	13.26	33.81	100	59	A	V
	*	5580	104.24	-	-	91.64	33.18	13.38	33.96	100	59	P	V
	*	5580	96.51	-	-	83.91	33.18	13.38	33.96	100	59	A	V
		5750.51	48.88	-19.32	68.2	35.27	34.1	13.62	34.11	100	59	P	V

802.11a CH 140 5700MHz	*	5700	105.01	-	-	91.72	33.8	13.55	34.06	101	197	P	H
	*	5700	97.84	-	-	84.55	33.8	13.55	34.06	101	197	A	H
		5727.64	54.68	-13.52	68.2	41.21	33.97	13.59	34.09	101	197	P	H
													H
													H
													H
	*	5700	103.04	-	-	89.75	33.8	13.55	34.06	100	160	P	V
	*	5700	96.23	-	-	82.94	33.8	13.55	34.06	100	160	A	V
		5726.6	55.06	-13.14	68.2	41.6	33.96	13.58	34.08	100	160	P	V
													V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	49.9	-24.1	74	31.8	37.9	19.77	39.57	-	-	P	H
		11000	40.69	-13.31	54	22.59	37.9	19.77	39.57	-	-	A	H
		16500	50.24	-17.96	68.2	31.06	40.8	24.21	45.83	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	50.66	-23.34	74	32.56	37.9	19.77	39.57	-	-	P	V
		11000	41.45	-12.55	54	23.35	37.9	19.77	39.57	-	-	A	V
		16500	50.25	-17.95	68.2	31.07	40.8	24.21	45.83	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	49.91	-24.09	74	31.38	38.32	19.87	39.66	-	-	P	H
		11160	40.7	-13.3	54	22.17	38.32	19.87	39.66	-	-	A	H
		16740	50.58	-17.62	68.2	31.45	40.62	24.42	45.91	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	49.87	-24.13	74	31.34	38.32	19.87	39.66	-	-	P	V
		11160	40.66	-13.34	54	22.13	38.32	19.87	39.66	-	-	A	V
		16740	50.88	-17.32	68.2	31.75	40.62	24.42	45.91	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz		11140	50.84	-23.16	74	32.34	38.28	19.87	39.65	-	-	P	H
		11140	41.63	-12.37	54	23.13	38.28	19.87	39.65	-	-	A	H
		17100	49	-19.2	68.2	30.17	40.2	24.73	46.1	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11140	49.58	-24.42	74	31.08	38.28	19.87	39.65	-	-	P	V
		11140	40.37	-13.63	54	21.87	38.28	19.87	39.65	-	-	A	V
		17100	49.56	-18.64	68.2	30.73	40.2	24.73	46.1	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5436.24	52.4	-21.6	74	40.17	32.77	13.24	33.78	114	202	P	H
		5466.48	55.09	-13.11	68.2	42.78	32.87	13.27	33.83	114	202	P	H
		5458	43.65	-10.35	54	31.37	32.83	13.27	33.82	114	202	A	H
	*	5500	106.25	-	-	93.83	33	13.31	33.89	114	202	P	H
802.11ac	*	5500	98.27	-	-	85.85	33	13.31	33.89	114	202	A	H
VHT20													H
CH 100		5438.8	51.82	-22.18	74	39.57	32.78	13.25	33.78	101	60	P	V
5500MHz		5468.4	52.06	-16.14	68.2	39.75	32.87	13.27	33.83	101	60	P	V
		5459.12	42.63	-11.37	54	30.34	32.84	13.27	33.82	101	60	A	V
	*	5500	103.45	-	-	91.03	33	13.31	33.89	101	60	P	V
	*	5500	95.98	-	-	83.56	33	13.31	33.89	101	60	A	V
													V
		5397.04	48.91	-25.09	74	36.72	32.69	13.21	33.71	100	156	P	H
		5467.6	48.11	-20.09	68.2	35.8	32.87	13.27	33.83	100	156	P	H
		5447.2	41.43	-12.57	54	29.19	32.79	13.25	33.8	100	156	A	H
	*	5580	104.43	-	-	91.83	33.18	13.38	33.96	100	156	P	H
802.11ac	*	5580	97.28	-	-	84.68	33.18	13.38	33.96	100	156	A	H
VHT20		5748.62	50.09	-18.11	68.2	36.48	34.09	13.62	34.1	100	156	P	H
CH 116		5399.44	49.94	-24.06	74	37.74	32.7	13.21	33.71	100	59	P	V
5580MHz		5468.32	48.26	-19.94	68.2	35.95	32.87	13.27	33.83	100	59	P	V
		5457.52	40.82	-13.18	54	28.54	32.83	13.26	33.81	100	59	A	V
	*	5580	102.31	-	-	89.71	33.18	13.38	33.96	100	59	P	V
	*	5580	96.26	-	-	83.66	33.18	13.38	33.96	100	59	A	V
		5730.665	50.9	-17.3	68.2	37.42	33.98	13.59	34.09	100	59	P	V

	*	5700	105.31	-	-	92.02	33.8	13.55	34.06	100	194	P	H
	*	5700	98.04	-	-	84.75	33.8	13.55	34.06	100	194	A	H
		5725	56.8	-11.4	68.2	43.35	33.95	13.58	34.08	100	194	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	101.41	-	-	88.12	33.8	13.55	34.06	296	200	P	V
5700MHz	*	5700	94.74	-	-	81.45	33.8	13.55	34.06	296	200	A	V
		5725.16	55.23	-12.97	68.2	41.78	33.95	13.58	34.08	296	200	P	V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.78	-24.22	74	31.68	37.9	19.77	39.57	-	-	P	H
		11000	40.57	-13.43	54	22.47	37.9	19.77	39.57	-	-	A	H
		16500	48.48	-19.72	68.2	29.3	40.8	24.21	45.83	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 100		11000	50.27	-23.73	74	32.17	37.9	19.77	39.57	-	-	P	V
5500MHz		11000	41.06	-12.94	54	22.96	37.9	19.77	39.57	-	-	A	V
		16500	48.67	-19.53	68.2	29.49	40.8	24.21	45.83	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	48.47	-25.53	74	29.94	38.32	19.87	39.66	-	-	P	H
		11160	39.26	-14.74	54	20.73	38.32	19.87	39.66	-	-	A	H
		16740	48.64	-19.56	68.2	29.51	40.62	24.42	45.91	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 116		11160	49.54	-24.46	74	31.01	38.32	19.87	39.66	-	-	P	V
5580MHz		11160	40.33	-13.67	54	21.8	38.32	19.87	39.66	-	-	A	V
		16740	49.34	-18.86	68.2	30.21	40.62	24.42	45.91	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	50.39	-23.61	74	31.44	38.7	20.05	39.8	205	61	P	H
		11400	41.47	-12.53	54	22.52	38.7	20.05	39.8	205	61	A	H
		17100	52.07	-16.13	68.2	33.24	40.2	24.73	46.1	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 140		11400	50.75	-23.25	74	31.8	38.7	20.05	39.8	202	109	P	V
5700MHz		11400	41.94	-12.06	54	22.99	38.7	20.05	39.8	202	109	A	V
		17100	53.49	-14.71	68.2	34.66	40.2	24.73	46.1	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5457.28	56.49	-17.51	74	44.21	32.83	13.26	33.81	100	203	P	H
		5469.76	60.57	-7.63	68.2	48.25	32.88	13.28	33.84	100	203	P	H
		5459.44	45.92	-8.08	54	33.63	32.84	13.27	33.82	100	203	A	H
	*	5510	101.38	-	-	88.97	33	13.31	33.9	100	203	P	H
802.11ac	*	5510	94.26	-	-	81.85	33	13.31	33.9	100	203	A	H
VHT40		5731.61	51.8	-16.4	68.2	38.31	33.99	13.59	34.09	100	203	P	H
CH 102		5458.96	54.74	-19.26	74	42.45	32.84	13.27	33.82	108	59	P	V
5510MHz		5469.76	59.61	-8.59	68.2	47.29	32.88	13.28	33.84	108	59	P	V
		5459.68	45.46	-8.54	54	33.17	32.84	13.27	33.82	108	59	A	V
	*	5510	100.1	-	-	87.69	33	13.31	33.9	108	59	P	V
	*	5510	92.81	-	-	80.4	33	13.31	33.9	108	59	A	V
		5733.815	51.38	-16.82	68.2	37.88	34	13.59	34.09	108	59	P	V
		5402.32	51.4	-22.6	74	39.21	32.7	13.21	33.72	131	158	P	H
		5464.96	53.14	-15.06	68.2	40.84	32.86	13.27	33.83	131	158	P	H
		5459.68	43.05	-10.95	54	30.76	32.84	13.27	33.82	131	158	A	H
	*	5550	102.35	-	-	89.93	33	13.35	33.93	131	158	P	H
802.11ac	*	5550	94.81	-	-	82.39	33	13.35	33.93	131	158	A	H
VHT40		5733.5	51.15	-17.05	68.2	37.65	34	13.59	34.09	131	158	P	H
CH 110		5448.64	51.12	-22.88	74	38.86	32.8	13.26	33.8	101	60	P	V
5550MHz		5468.8	50.69	-17.51	68.2	38.36	32.88	13.28	33.83	101	60	P	V
		5459.68	42.28	-11.72	54	29.99	32.84	13.27	33.82	101	60	A	V
	*	5550	100.12	-	-	87.7	33	13.35	33.93	101	60	P	V
	*	5550	93.22	-	-	80.8	33	13.35	33.93	101	60	A	V
		5745.47	51.25	-16.95	68.2	37.67	34.07	13.61	34.1	101	60	P	V

		5409.5	49.81	-24.19	74	37.6	32.72	13.22	33.73	105	191	P	H
		5462.7	49.42	-18.78	68.2	37.12	32.85	13.27	33.82	105	191	P	H
		5446.95	41.38	-12.62	54	29.14	32.79	13.25	33.8	105	191	A	H
	*	5670	101.69	-	-	88.61	33.62	13.5	34.04	105	191	P	H
802.11ac	*	5670	94.93	-	-	81.85	33.62	13.5	34.04	105	191	A	H
VHT40		5727.9	53.71	-14.49	68.2	40.24	33.97	13.59	34.09	105	191	P	H
CH 134		5400.75	49.12	-24.88	74	36.92	32.7	13.21	33.71	300	195	P	V
5670MHz		5465.15	50.04	-18.16	68.2	37.74	32.86	13.27	33.83	300	195	P	V
		5453.95	40.76	-13.24	54	28.49	32.82	13.26	33.81	300	195	A	V
	*	5670	97.36	-	-	84.28	33.62	13.5	34.04	300	195	P	V
	*	5670	90.45	-	-	77.37	33.62	13.5	34.04	300	195	A	V
		5762.725	51.85	-16.35	68.2	38.23	34.1	13.64	34.12	300	195	P	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	50	-24	74	31.84	37.96	19.78	39.58	200	50	P	H
		11020	40.71	-13.29	54	22.55	37.96	19.78	39.58	200	50	A	H
		16530	53.01	-15.19	68.2	33.84	40.77	24.24	45.84	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 102		11020	50.53	-23.47	74	32.37	37.96	19.78	39.58	204	108	P	V
5510MHz		11020	41.3	-12.7	54	23.14	37.96	19.78	39.58	204	108	A	V
		16530	53	-15.2	68.2	33.83	40.77	24.24	45.84	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11100	51.07	-22.93	74	32.66	38.2	19.84	39.63	211	66	P	H
		11100	41.42	-12.58	54	23.01	38.2	19.84	39.63	211	66	A	H
		16650	52.76	-15.44	68.2	33.59	40.7	24.35	45.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 110		11100	50.89	-23.11	74	32.48	38.2	19.84	39.63	204	111	P	V
5550MHz		11100	42.02	-11.98	54	23.61	38.2	19.84	39.63	204	111	A	V
		16650	51.97	-16.23	68.2	32.8	40.7	24.35	45.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11340	50.61	-23.39	74	31.73	38.64	20.01	39.77	216	50	P	H
		11340	41.67	-12.33	54	22.79	38.64	20.01	39.77	216	50	A	H
		17010	52.17	-16.03	68.2	33.22	40.29	24.66	46	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 134		11340	50.64	-23.36	74	31.76	38.64	20.01	39.77	203	100	P	V
5670MHz		11340	41.95	-12.05	54	23.07	38.64	20.01	39.77	203	100	A	V
		17010	52.48	-15.72	68.2	33.53	40.29	24.66	46	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5458.24	56.16	-17.84	74	43.88	32.83	13.27	33.82	100	20	P	H
		5464.72	57.29	-10.91	68.2	44.99	32.86	13.27	33.83	100	20	P	H
		5457.52	50.88	-3.12	54	38.6	32.83	13.26	33.81	100	20	A	H
	*	5530	94.24	-	-	81.83	33	13.33	33.92	100	20	P	H
	*	5530	87.78	-	-	75.37	33	13.33	33.92	100	20	A	H
		5756.81	49.31	-18.89	68.2	35.69	34.1	13.63	34.11	100	20	P	H
		5444.32	54.33	-19.67	74	42.08	32.79	13.25	33.79	100	240	P	V
		5466.16	55.87	-12.33	68.2	43.57	32.86	13.27	33.83	100	240	P	V
		5458.24	48.47	-5.53	54	36.19	32.83	13.27	33.82	100	240	A	V
	*	5530	93.49	-	-	81.08	33	13.33	33.92	100	240	P	V
	*	5530	87.33	-	-	74.92	33	13.33	33.92	100	240	A	V
		5737.91	49.59	-18.61	68.2	36.05	34.03	13.6	34.09	100	240	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	50.22	-23.78	74	31.94	38.08	19.8	39.6	-	-	P	H
		11060	41.01	-12.99	54	22.73	38.08	19.8	39.6	-	-	A	H
		16590	50.25	-17.95	68.2	31.11	40.71	24.29	45.86	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 106		11060	50.08	-23.92	74	31.8	38.08	19.8	39.6	-	-	P	V
5530MHz		11060	40.87	-13.13	54	22.59	38.08	19.8	39.6	-	-	A	V
		16590	50.83	-17.37	68.2	31.69	40.71	24.29	45.86	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission above 18GHz

5GHz WIFI 802.11ac VHT80 (SHF@ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		26194	42.6	-25.6	68.2	42.56	39.5	20.96	60.42	-	-	P	H
		39864	51.88	-22.12	74	41.58	44.95	29.1	63.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
5GHz													H
802.11ac													H
VHT80		24910.5	42.8	-25.4	68.2	42.71	39.66	20.09	59.66	-	-	P	V
SHF		39864	51	-23	74	40.7	44.95	29.1	63.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		72.68	27.55	-12.45	40	46.21	12.43	1.61	32.7	-	-	P	H
		95.96	31.39	-12.11	43.5	46.62	15.59	1.85	32.67	-	-	P	H
		205.57	25.48	-18.02	43.5	40.4	15	2.78	32.7	-	-	P	H
		256.98	24.94	-21.06	46	35.2	19.46	3.03	32.75	-	-	P	H
		385.02	28.95	-17.05	46	36.96	21.2	3.63	32.84	-	-	P	H
		960.23	35.44	-18.56	54	29.81	31.3	5.73	31.4	-	-	P	H
													H
													H
													H
													H
5GHz													H
802.11ac													H
VHT80		32.91	29.96	-10.04	40	38.4	23.27	1.04	32.75	-	-	P	V
LF		73.65	26.92	-13.08	40	45.6	12.4	1.62	32.7	-	-	P	V
		94.02	27.97	-15.53	43.5	43.52	15.3	1.83	32.68	-	-	P	V
		127.97	29.38	-14.12	43.5	42.46	17.5	2.1	32.68	-	-	P	V
		385.99	25.16	-20.84	46	33.1	21.26	3.64	32.84	-	-	P	V
		948.59	35.86	-10.14	46	30.67	31.02	5.69	31.52	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **Margin** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.

Appendix D. Radiated Spurious Emission Plots

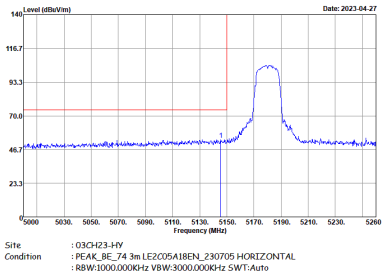
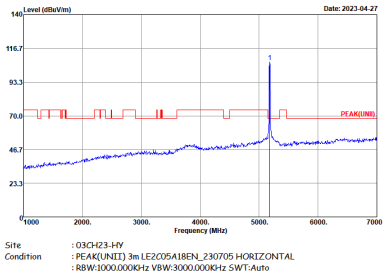
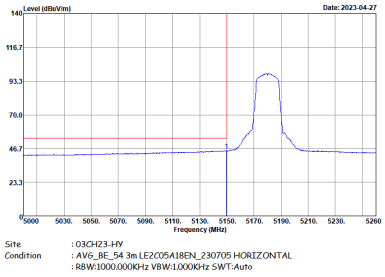
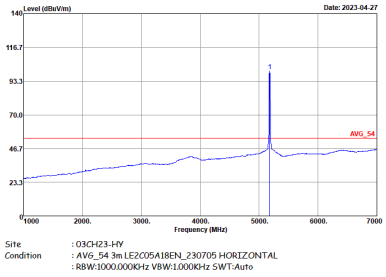
Test Engineer :	Leo Li and Shiming Liu	**Temperature :**	18.3~24.5°C
		Relative Humidity :	42.3~68.5%

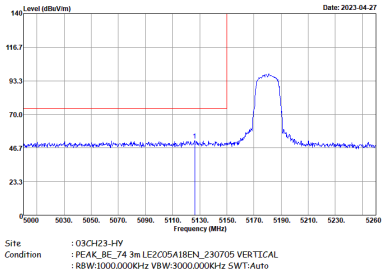
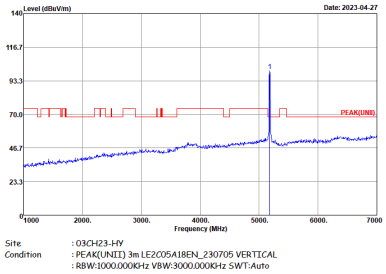
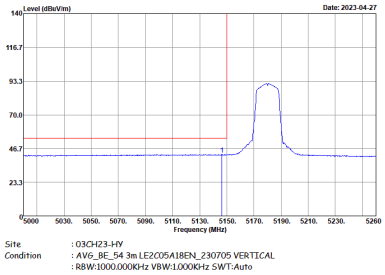
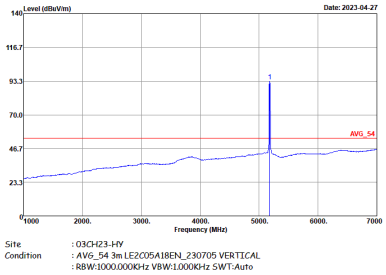
Note symbol

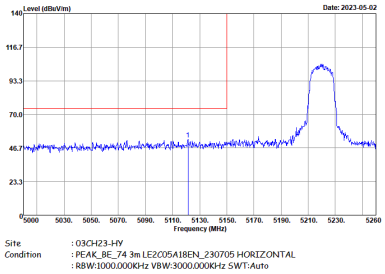
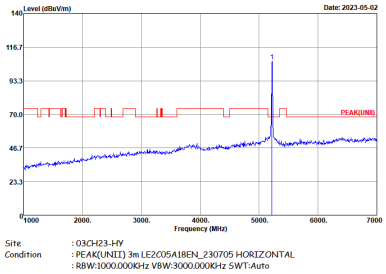
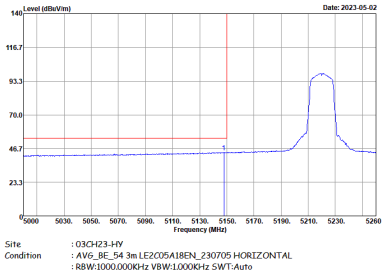
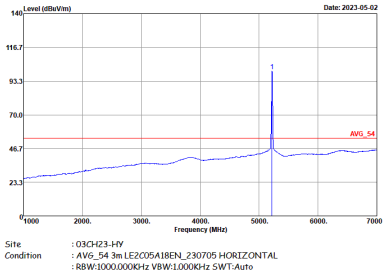
-L	**Low channel location**
-R	**High channel location**

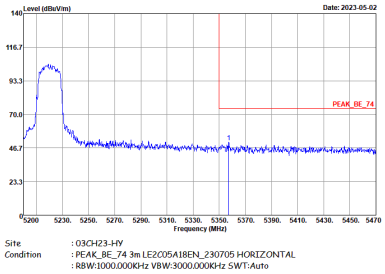
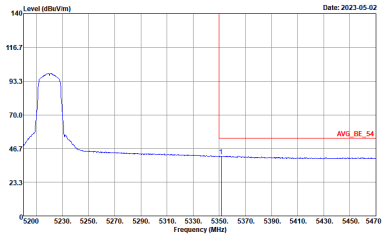
Band 1 - 5150~5250MHz

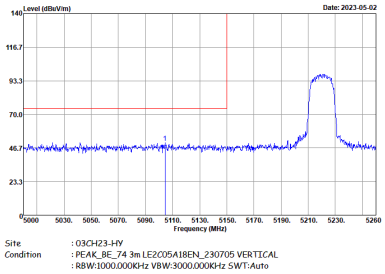
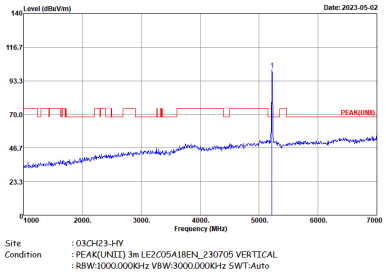
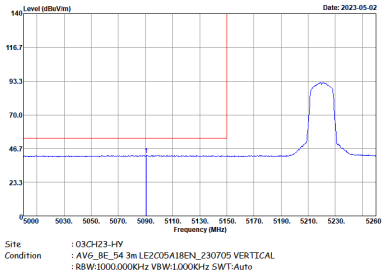
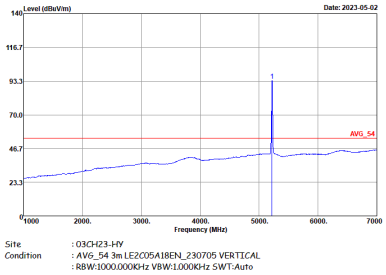
WIFI 802.11a (Band Edge @ 3m)

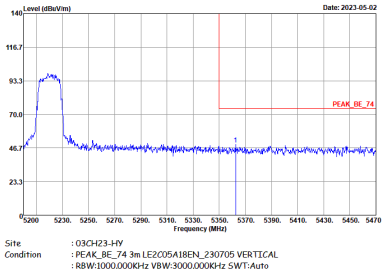
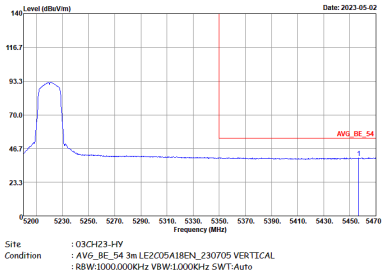
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

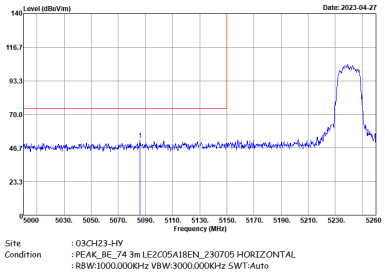
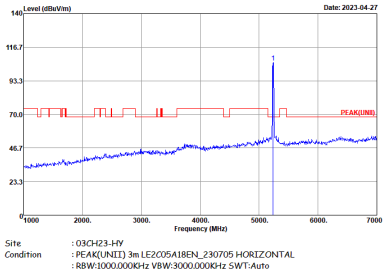
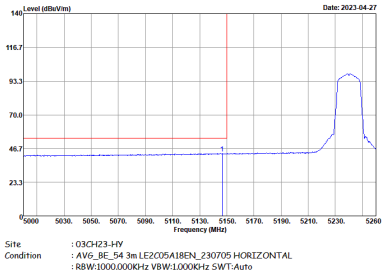
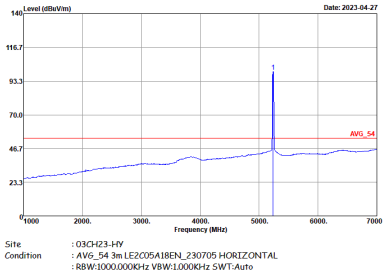
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		

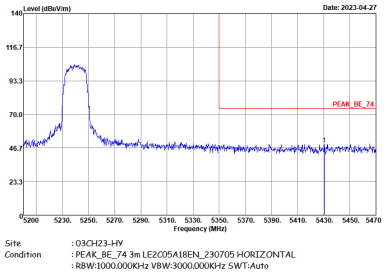
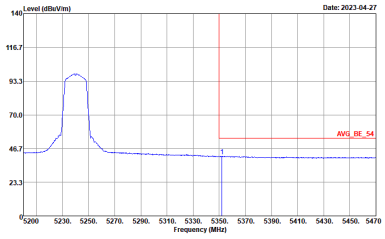
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

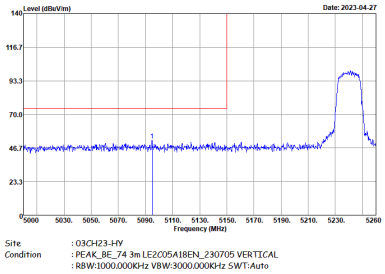
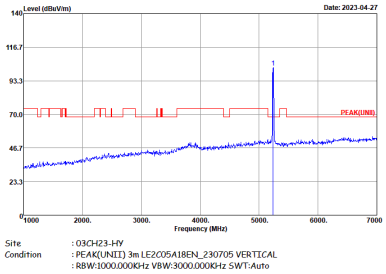
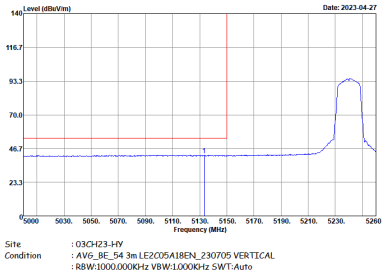
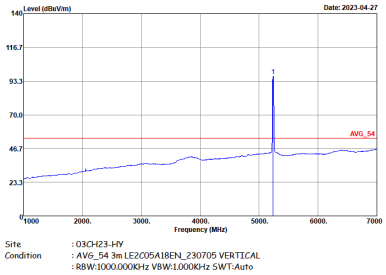
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

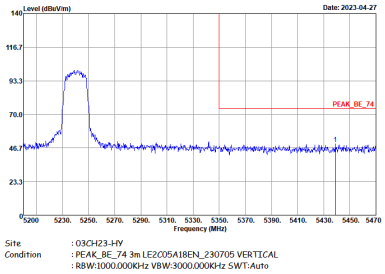
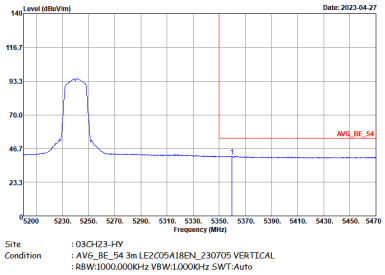
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

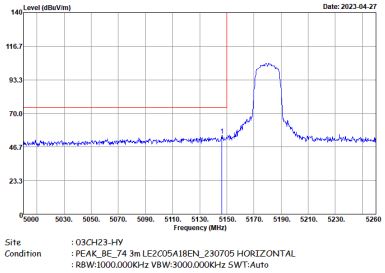
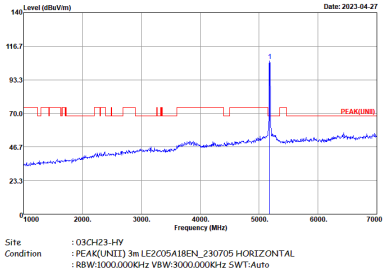
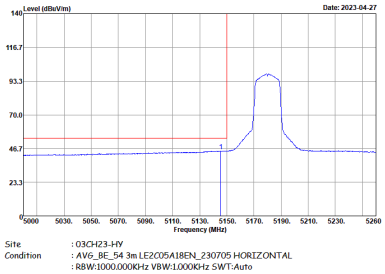
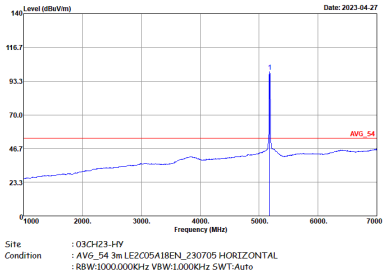
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

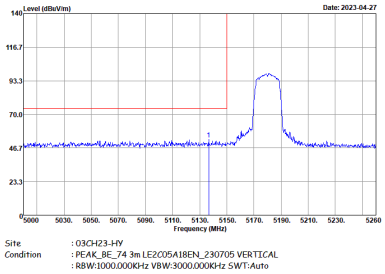
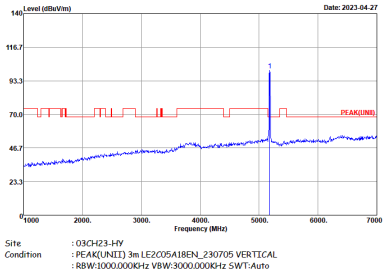
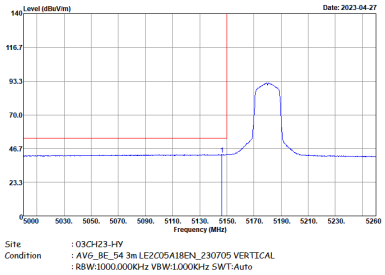
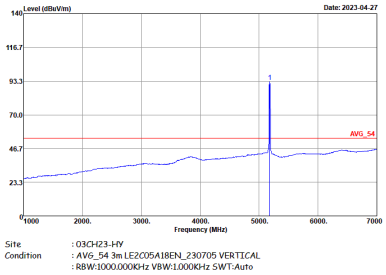
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

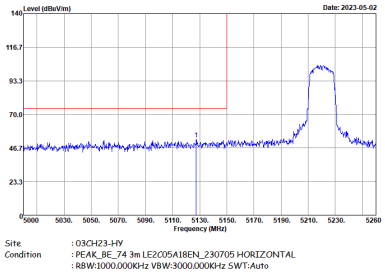
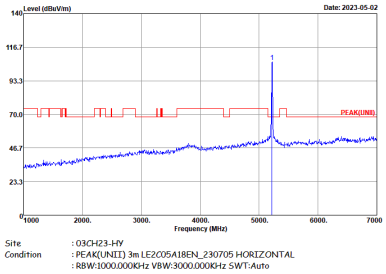
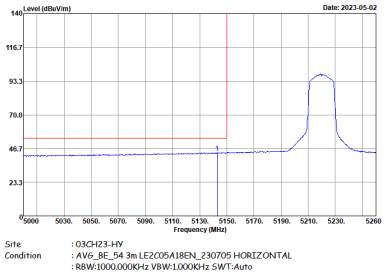
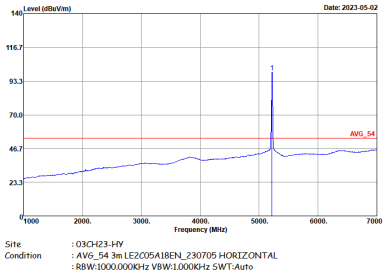
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

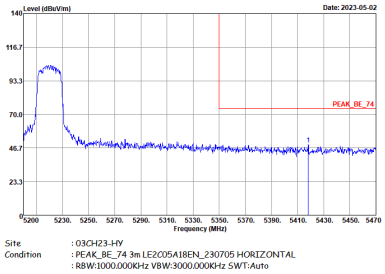
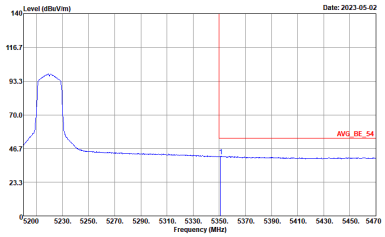
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

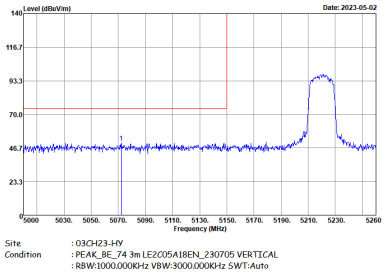
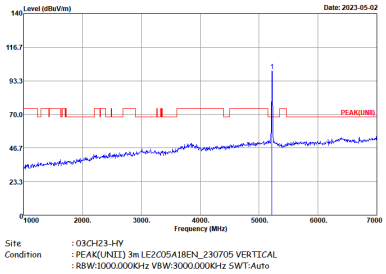
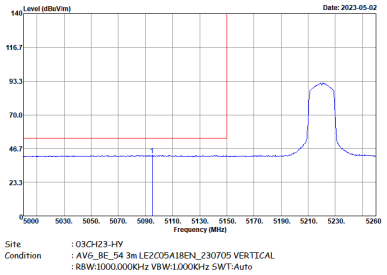
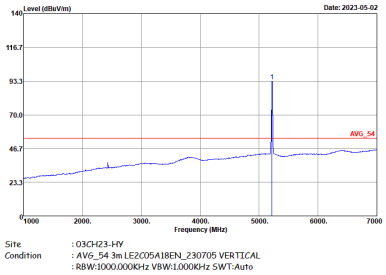
Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

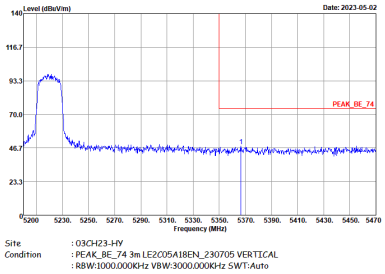
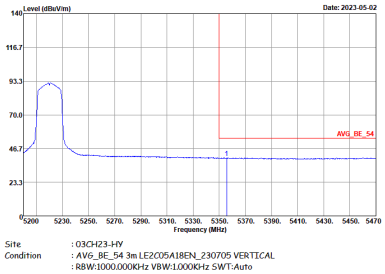
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

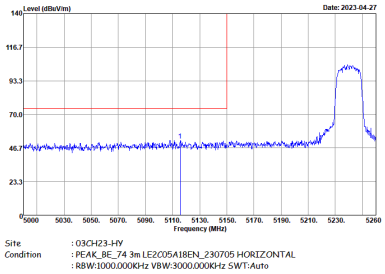
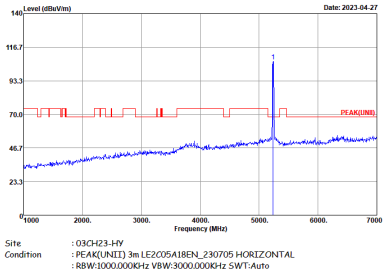
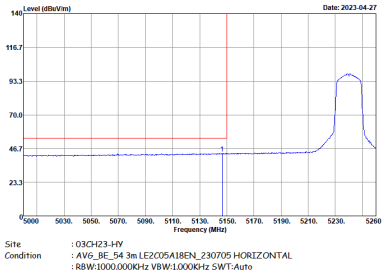
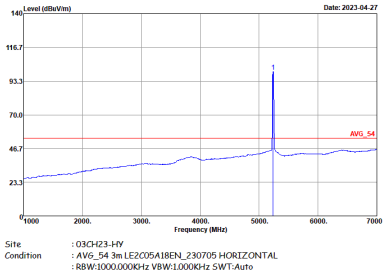
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		

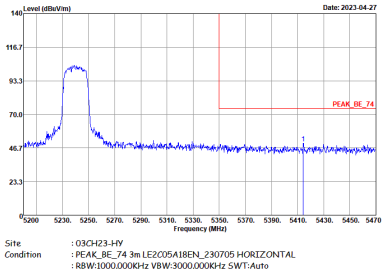
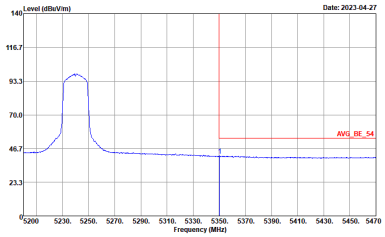
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

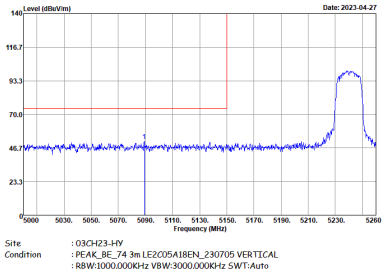
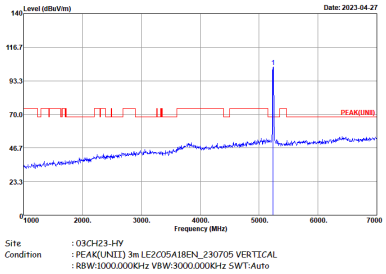
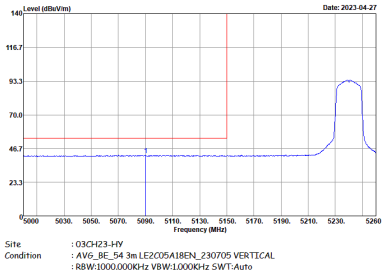
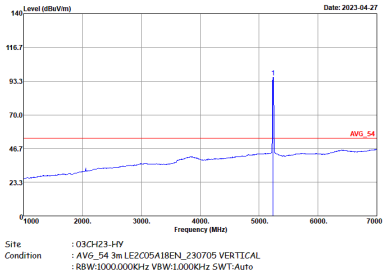
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

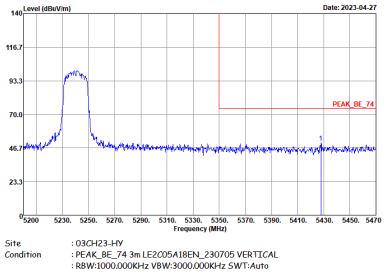
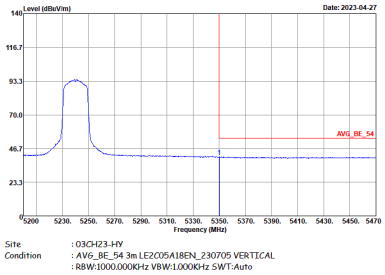
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

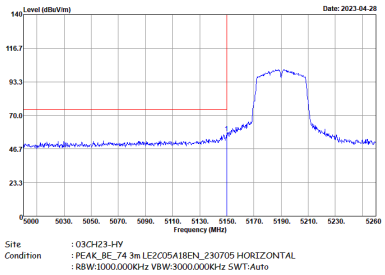
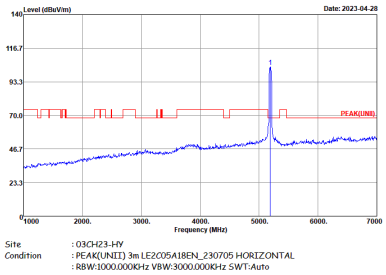
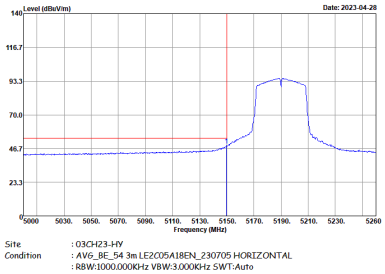
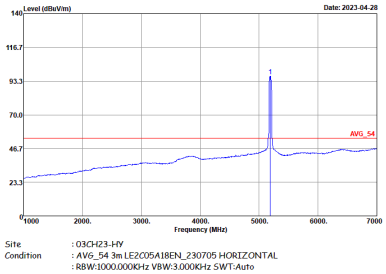
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

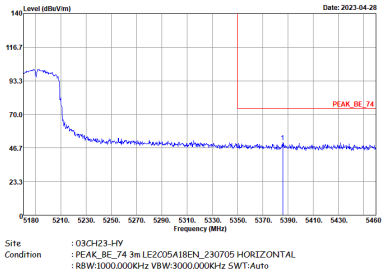
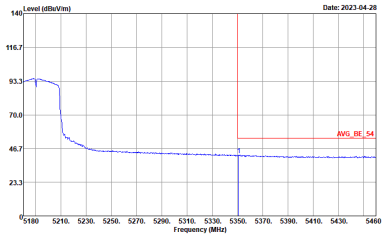
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

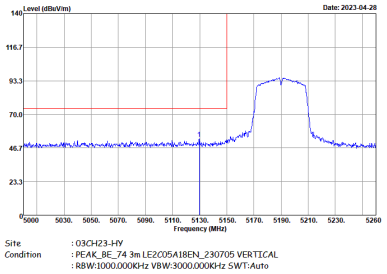
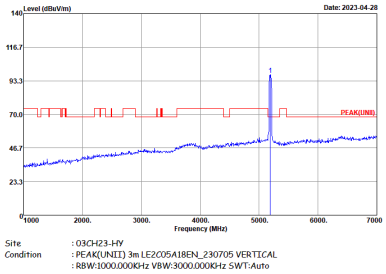
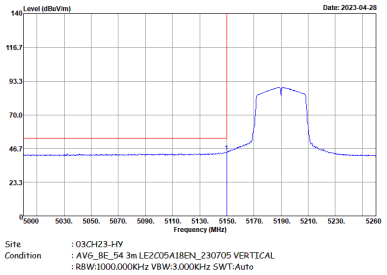
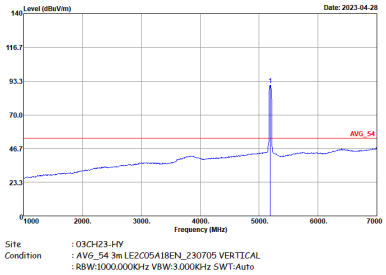
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

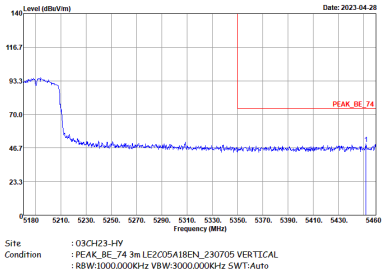
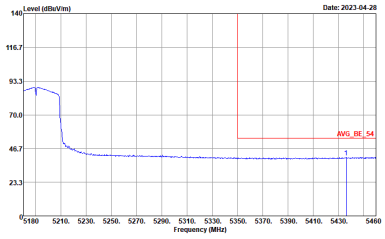
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

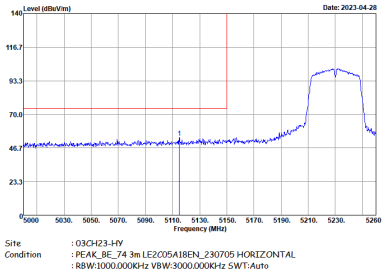
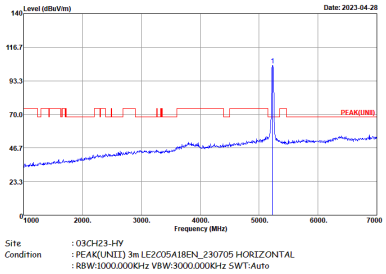
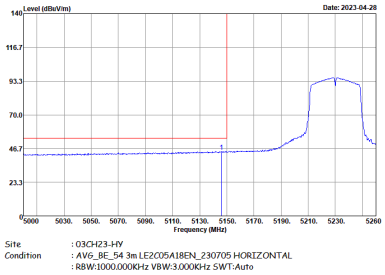
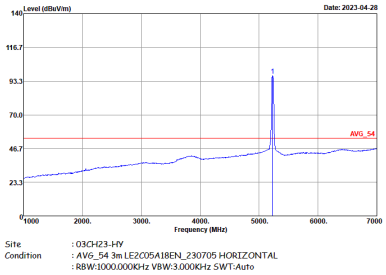
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

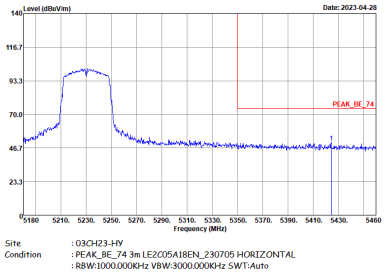
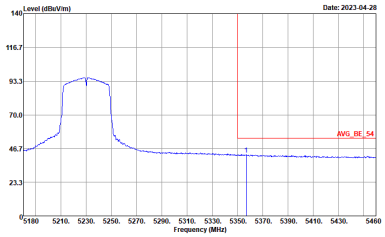
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

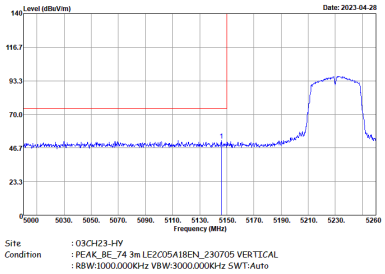
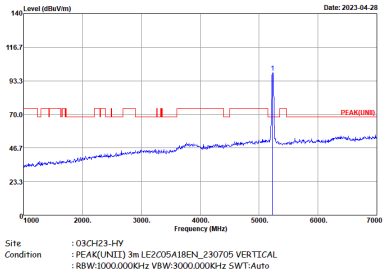
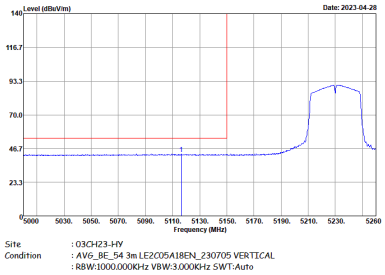
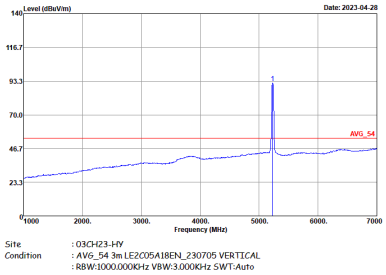
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

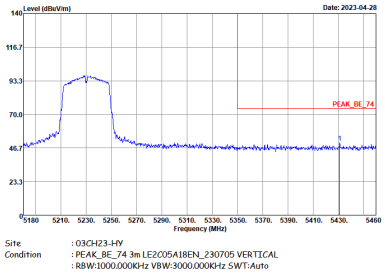
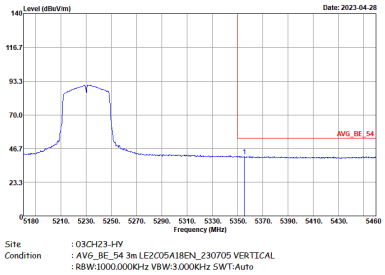
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

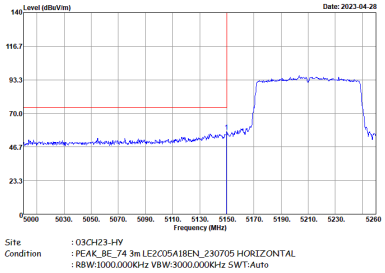
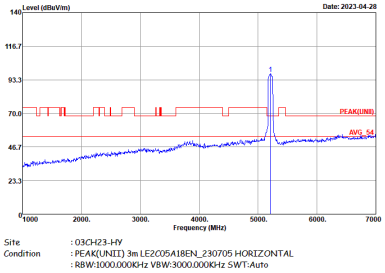
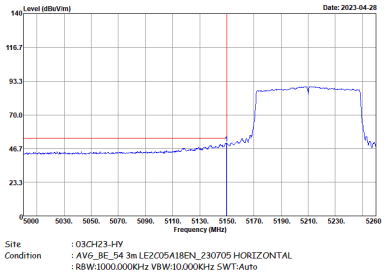
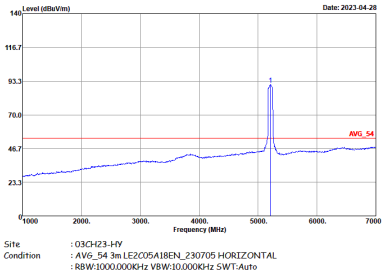
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

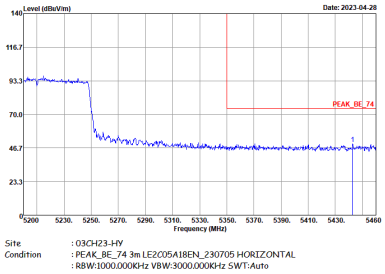
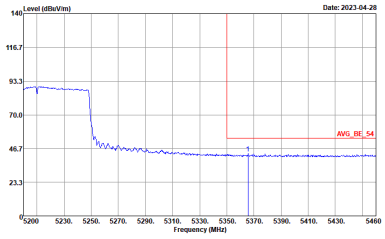
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

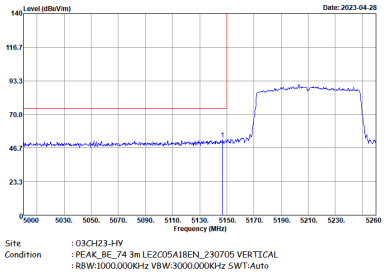
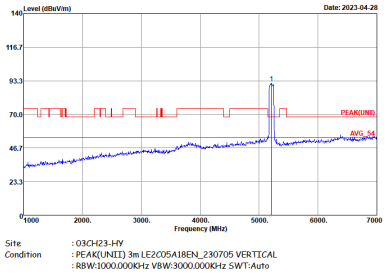
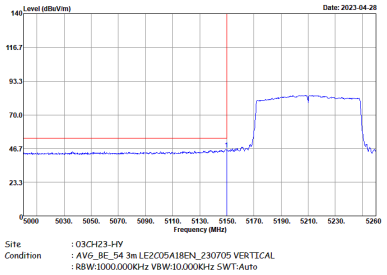
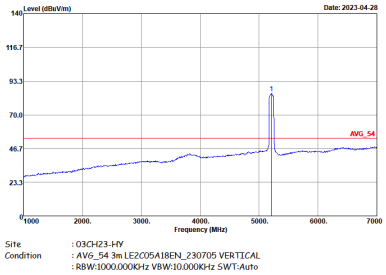
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

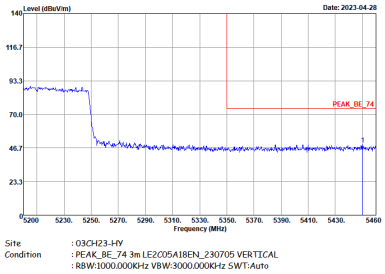
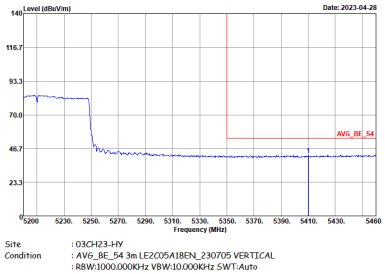
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto

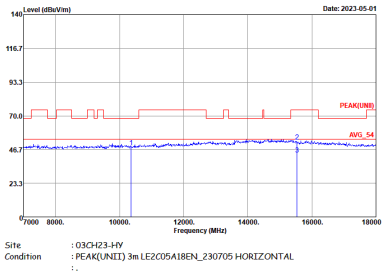
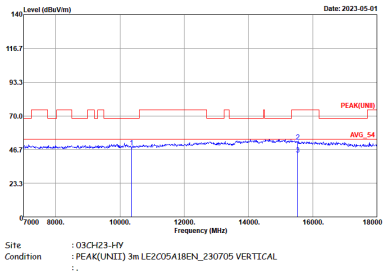
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

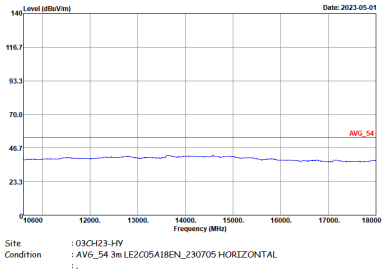
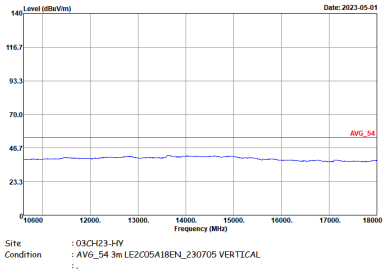
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

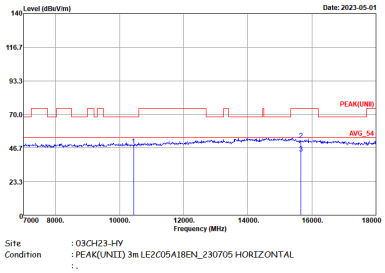
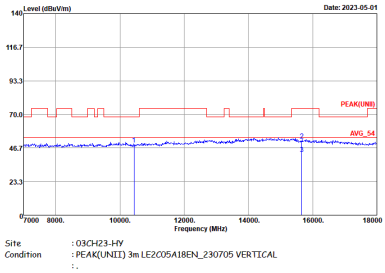
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

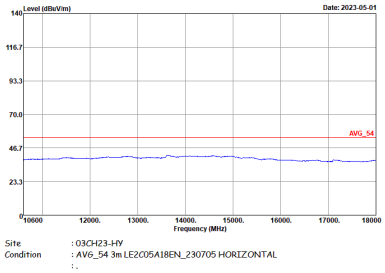
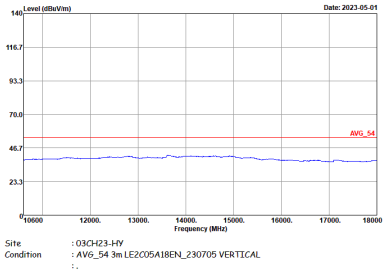
Band 1 - 5150~5250MHz

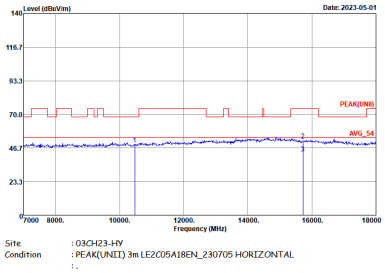
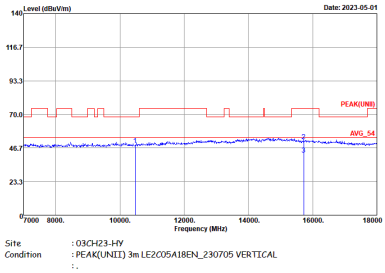
WIFI 802.11a (Harmonic @ 3m)

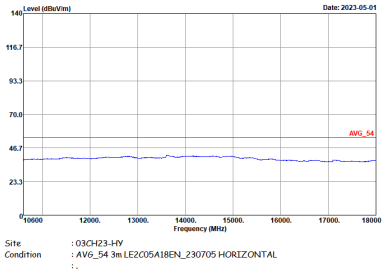
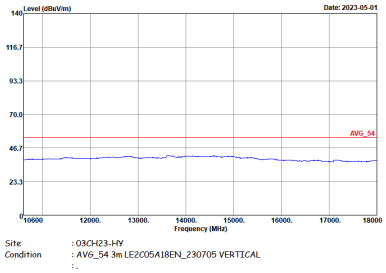
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

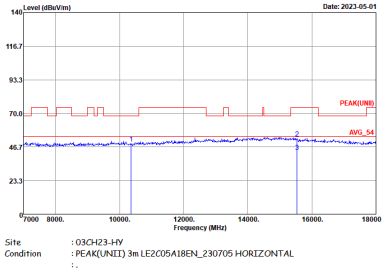
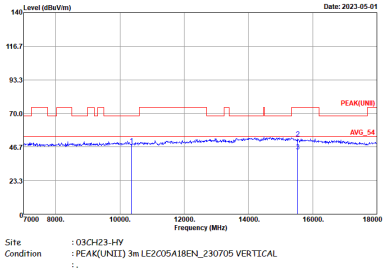
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

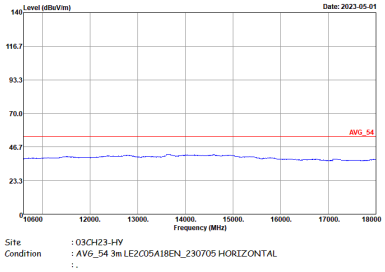
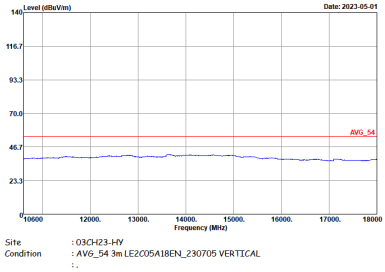
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

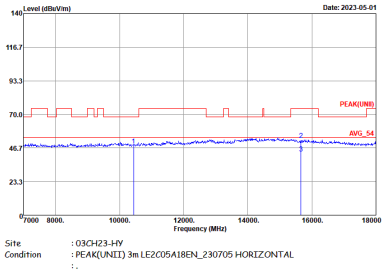
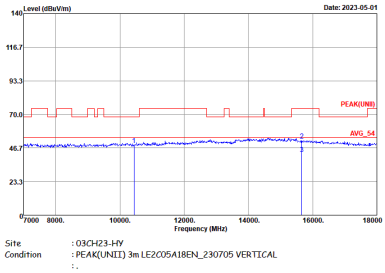
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

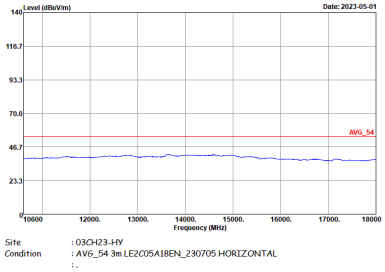
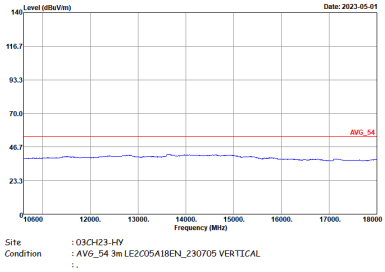
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

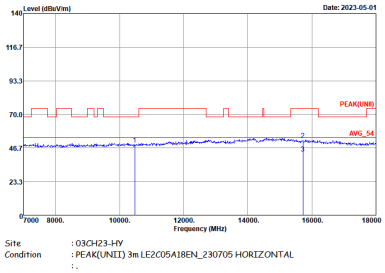
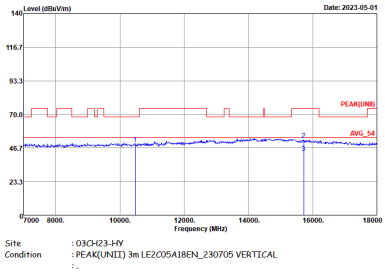
Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

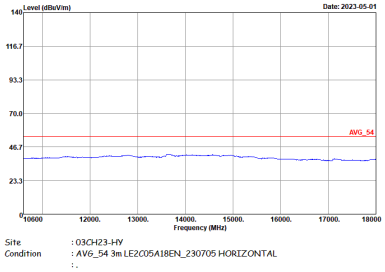
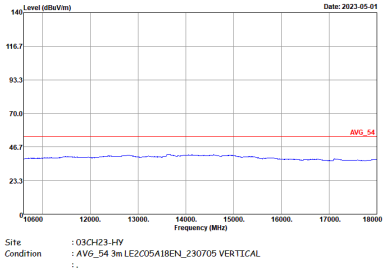
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

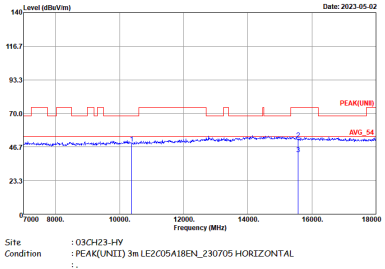
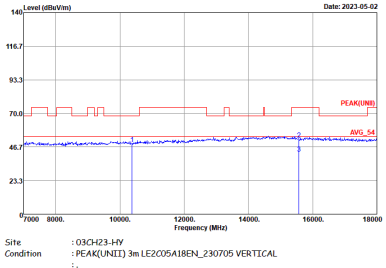
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

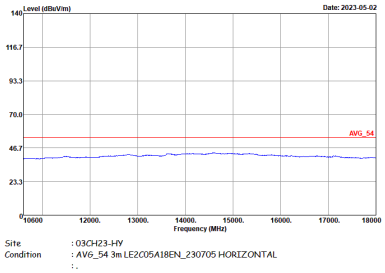
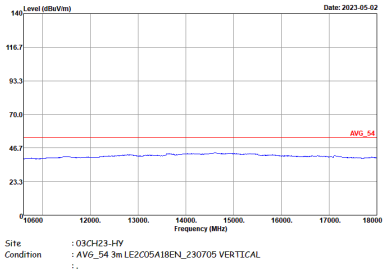
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

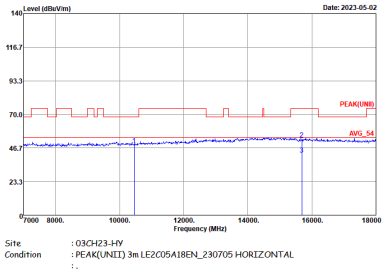
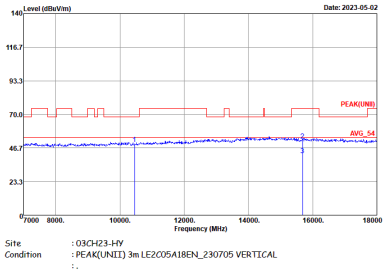
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

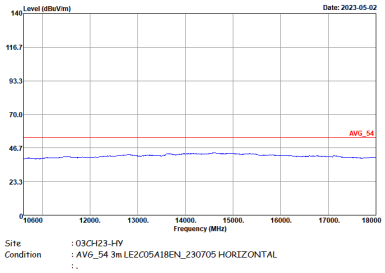
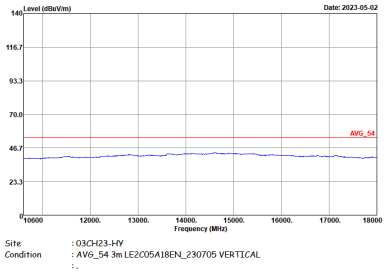
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

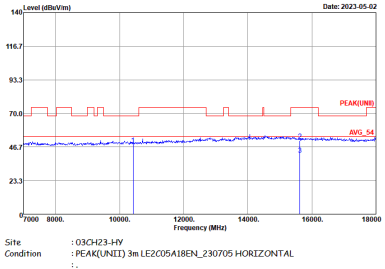
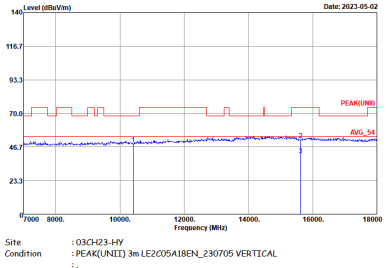
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

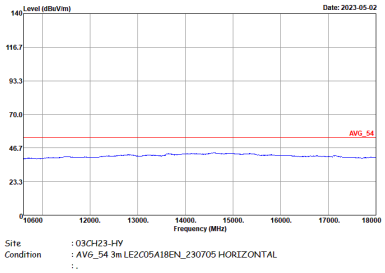
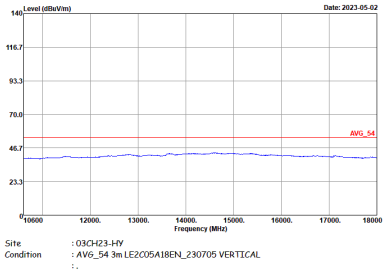
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

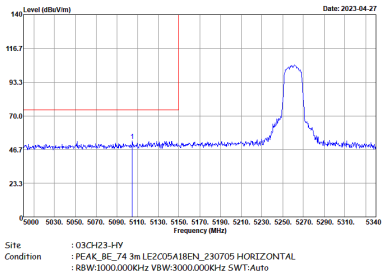
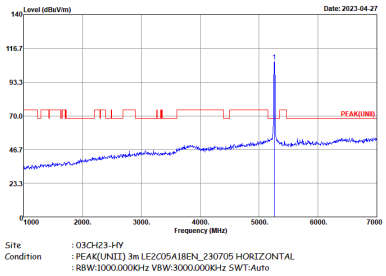
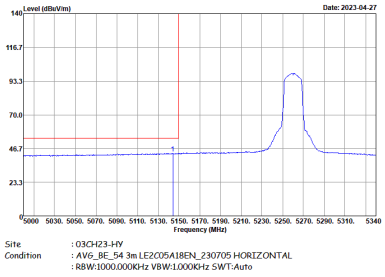
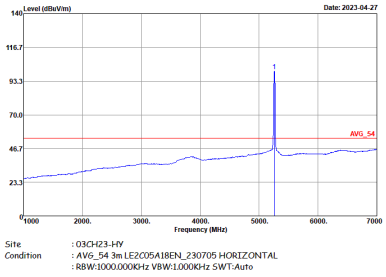
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

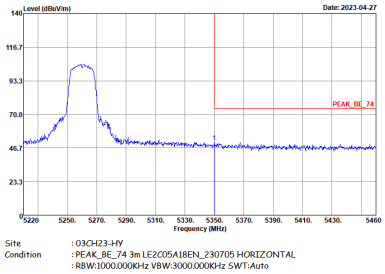
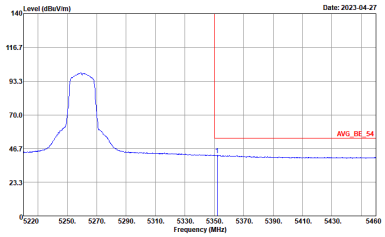
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.		

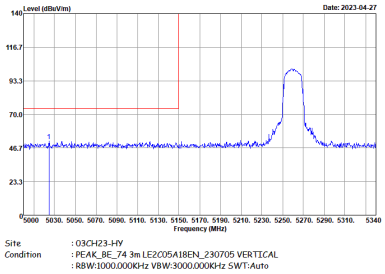
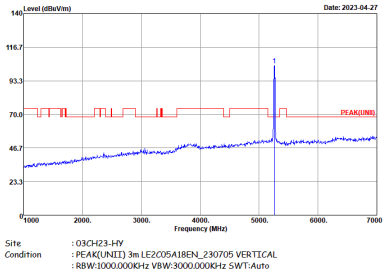
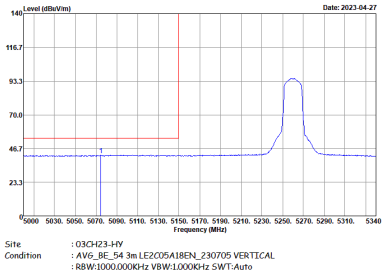
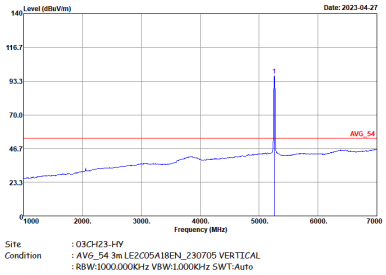
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

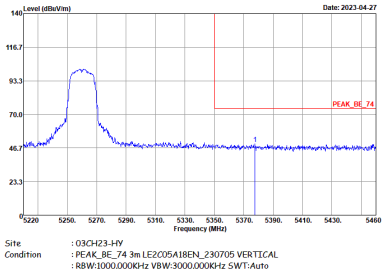
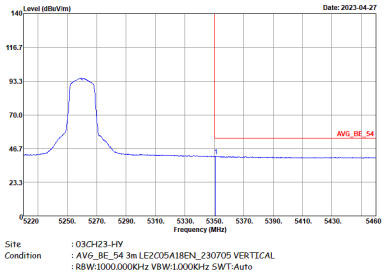
Band 2 - 5250~5350MHz

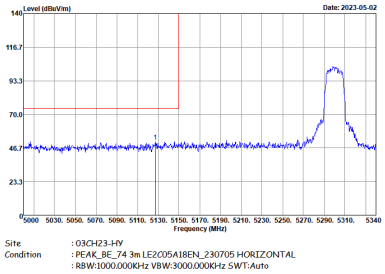
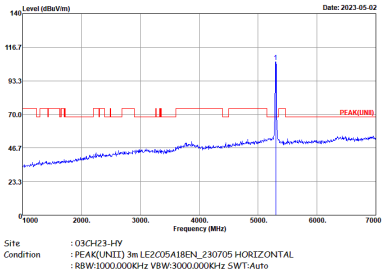
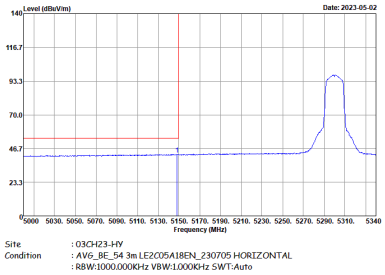
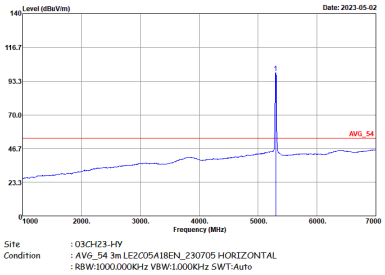
WIFI 802.11a (Band Edge @ 3m)

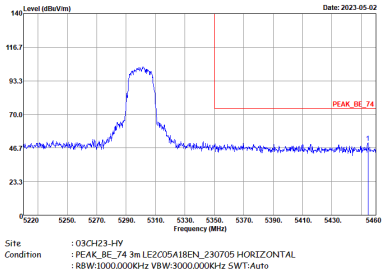
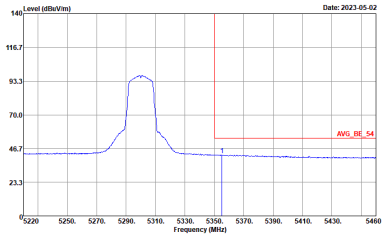
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

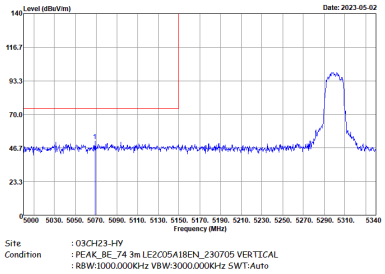
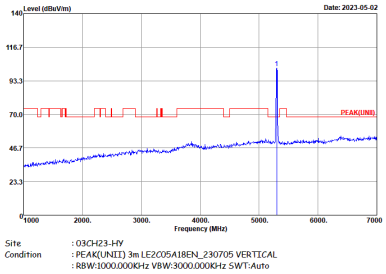
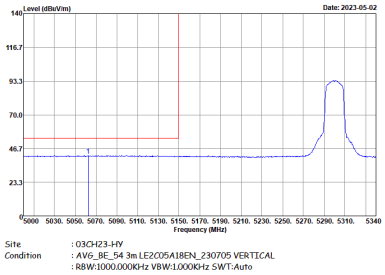
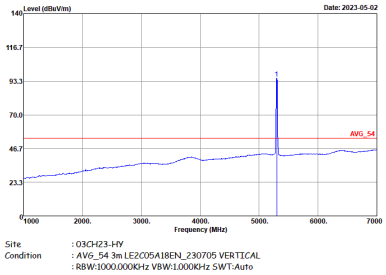
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

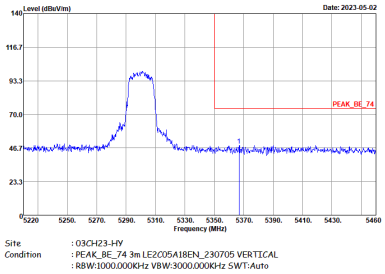
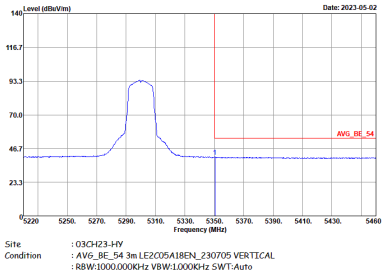
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

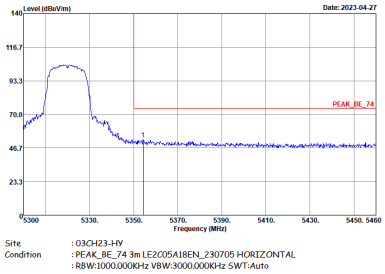
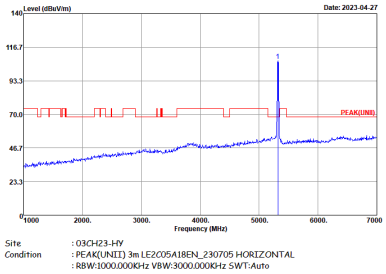
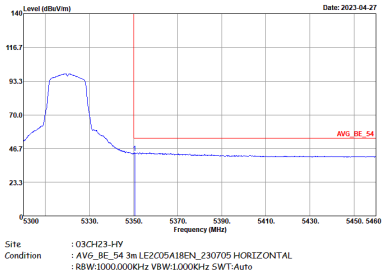
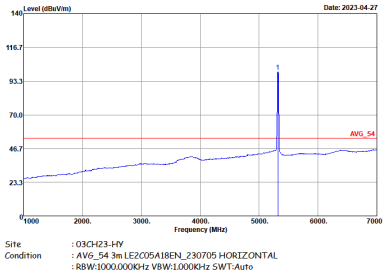
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

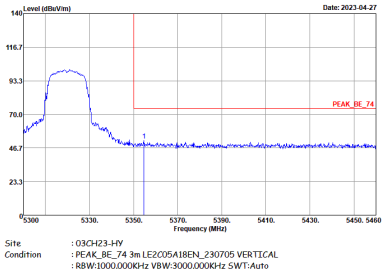
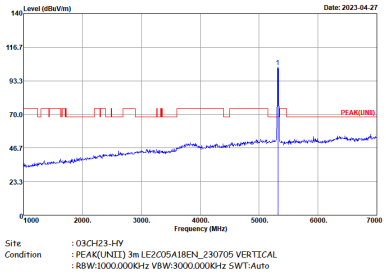
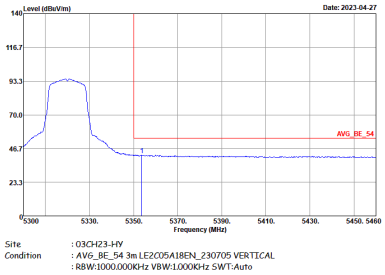
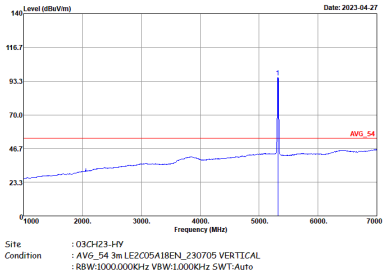
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

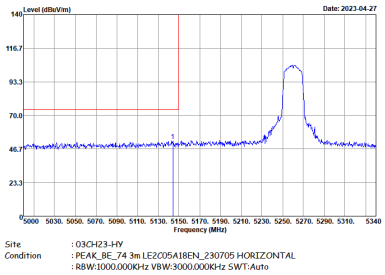
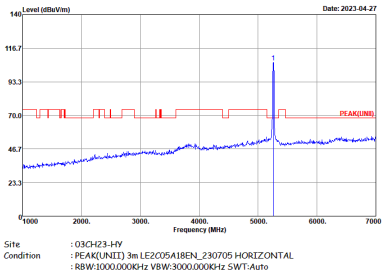
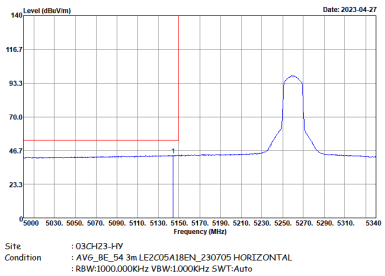
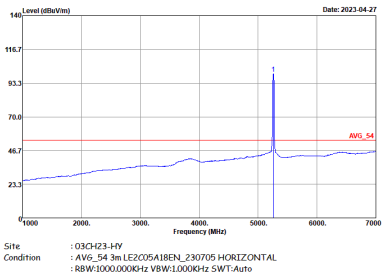
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

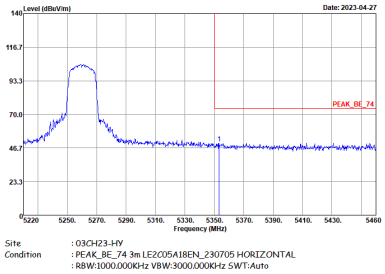
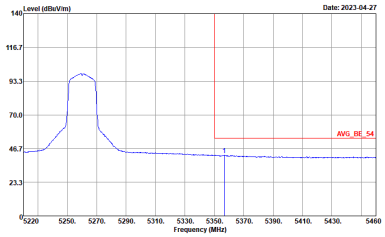
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

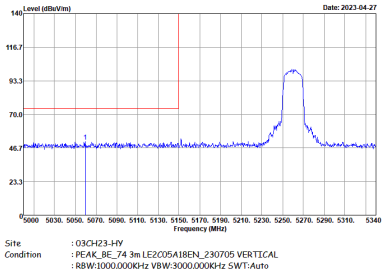
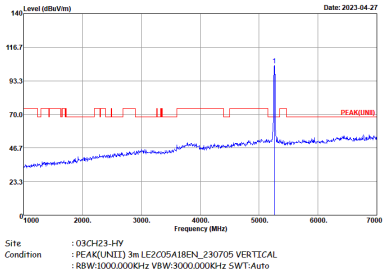
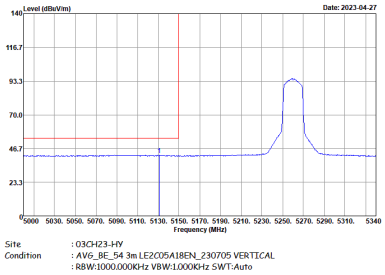
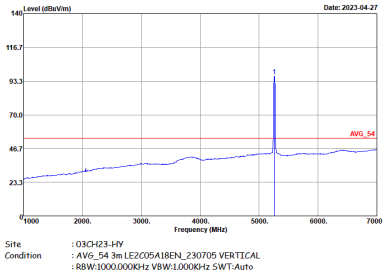
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

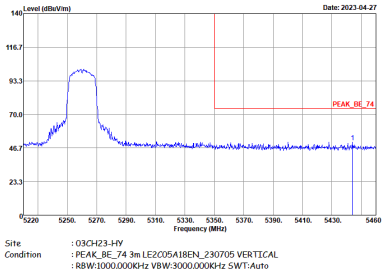
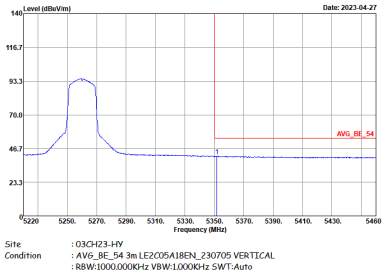
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		

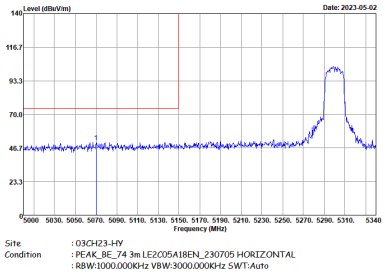
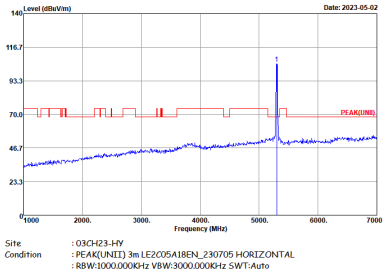
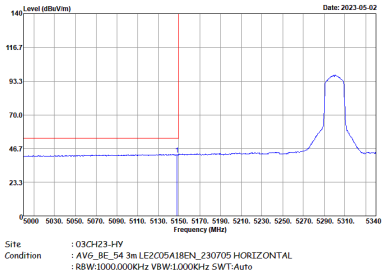
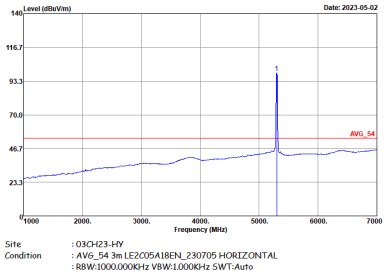
Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

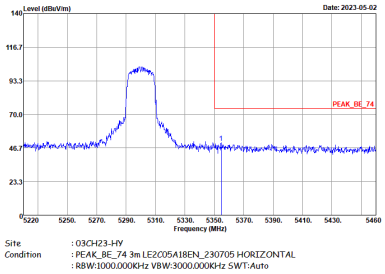
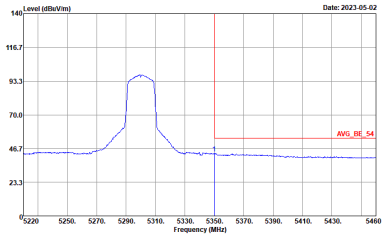
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

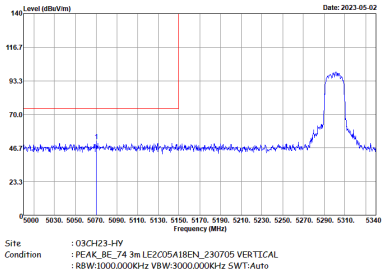
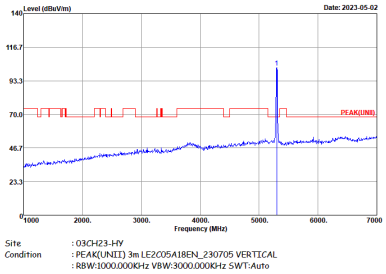
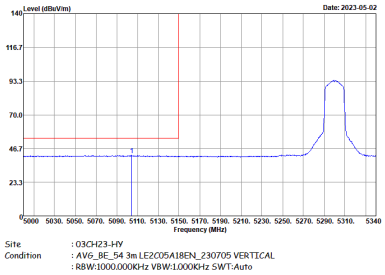
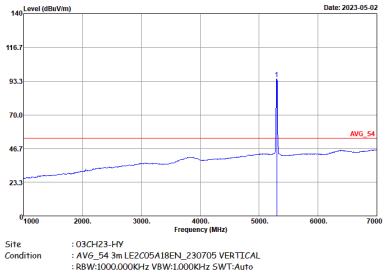
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

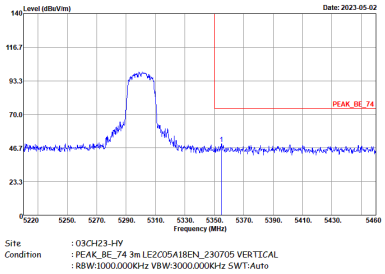
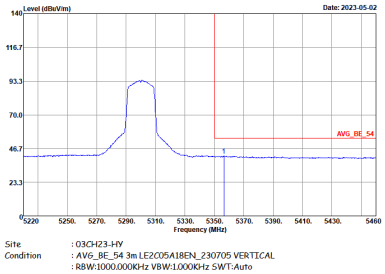
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

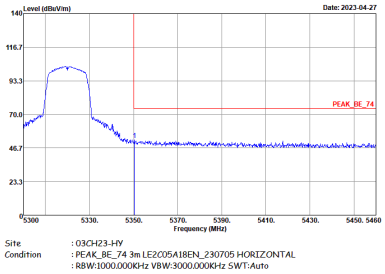
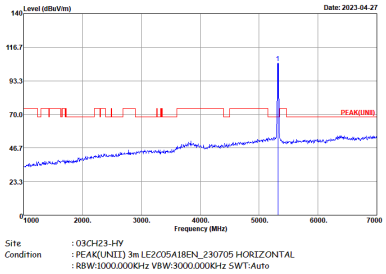
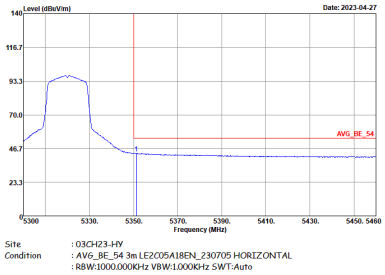
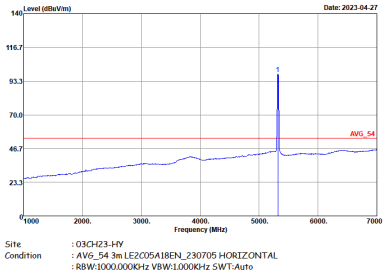
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

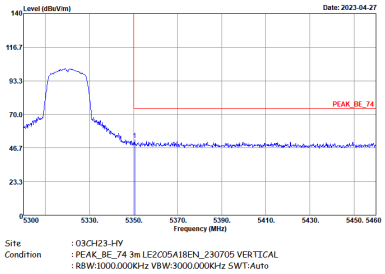
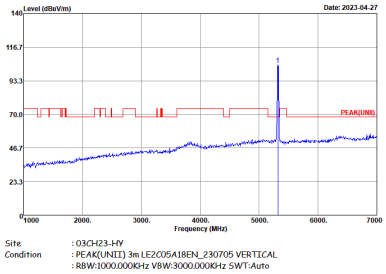
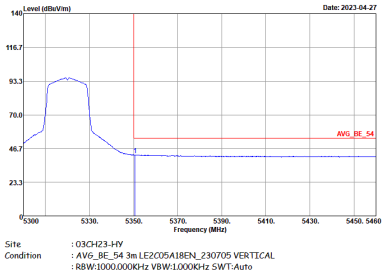
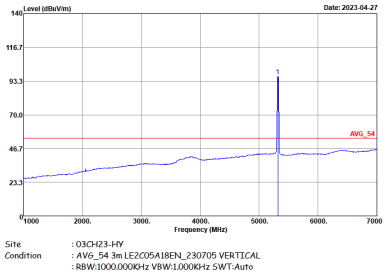
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

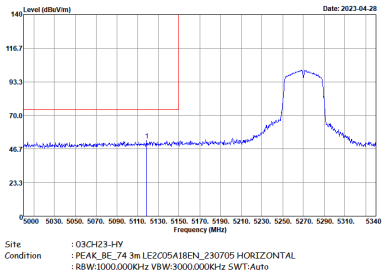
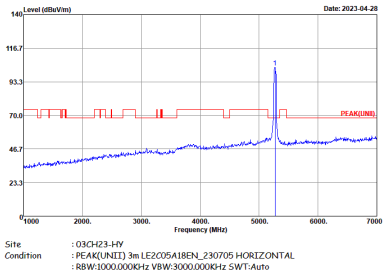
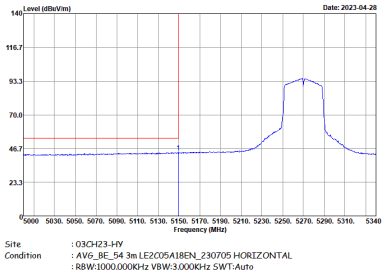
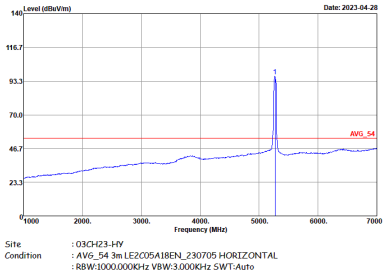
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

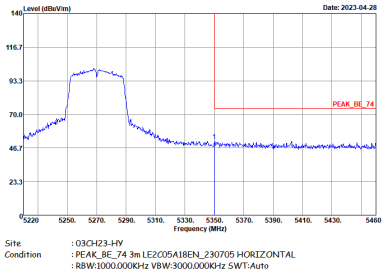
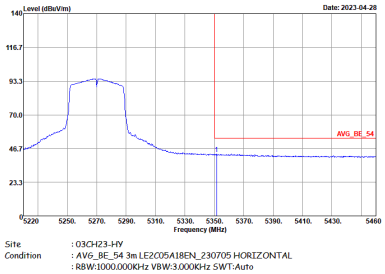
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

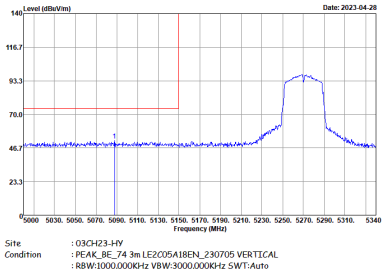
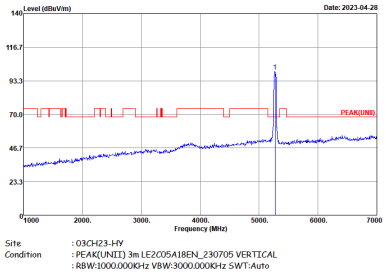
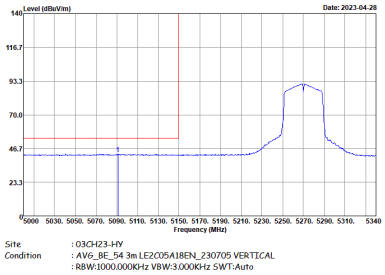
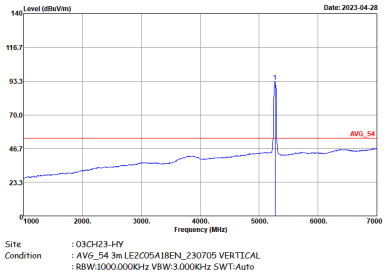
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

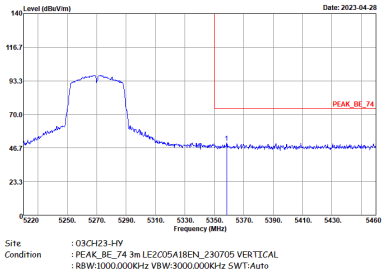
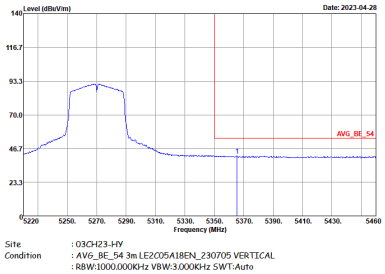
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

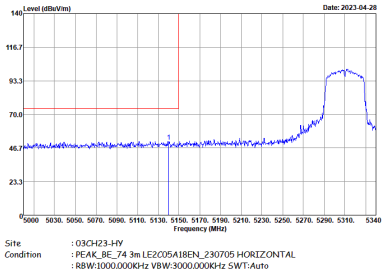
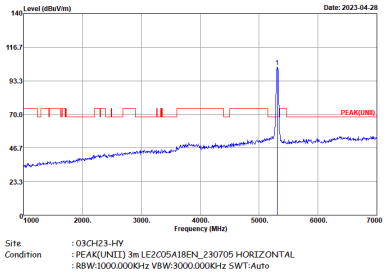
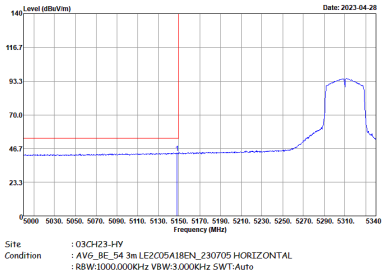
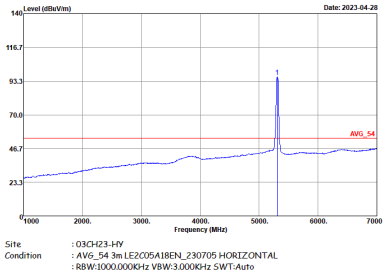
Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

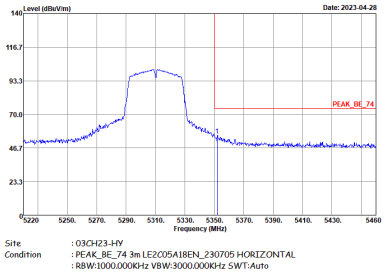
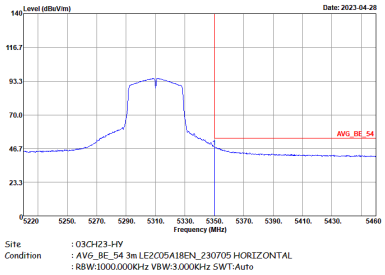
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		

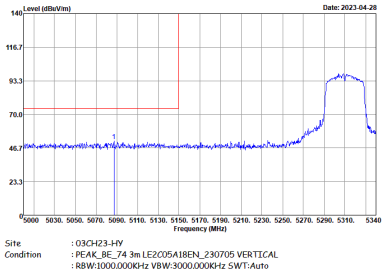
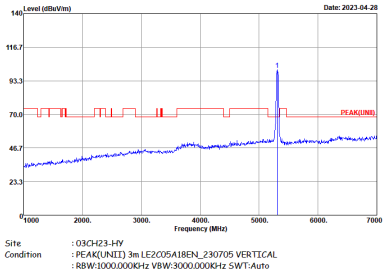
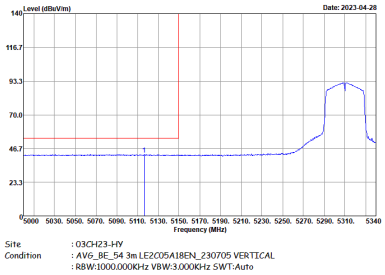
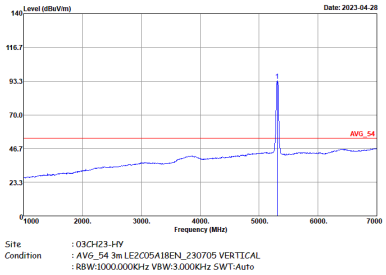
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

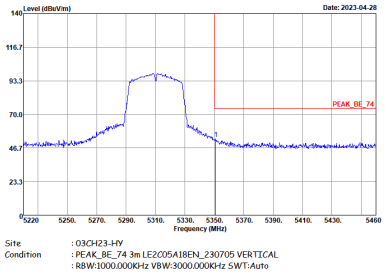
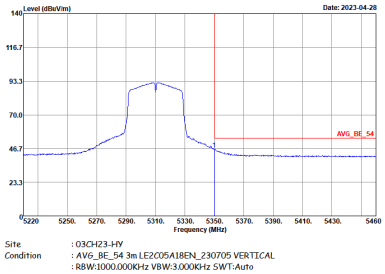
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

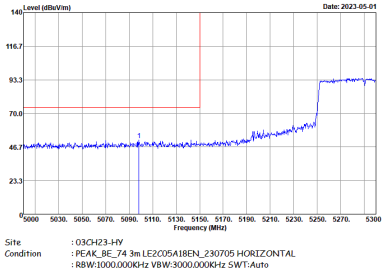
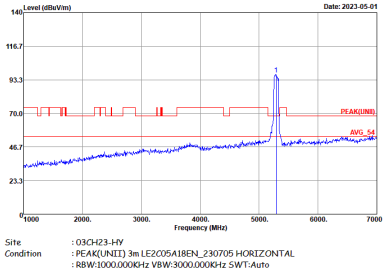
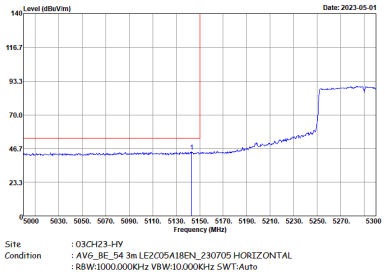
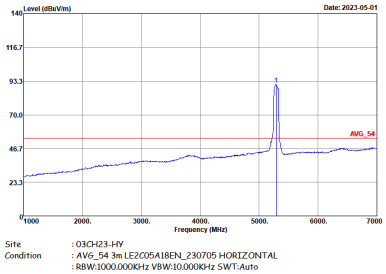
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak		
Avg.		

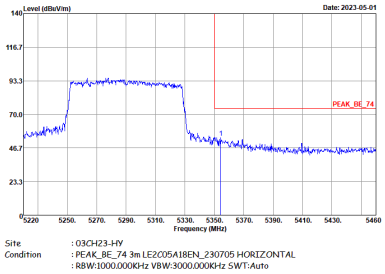
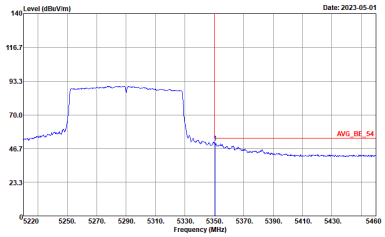
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

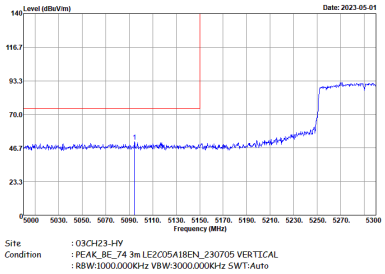
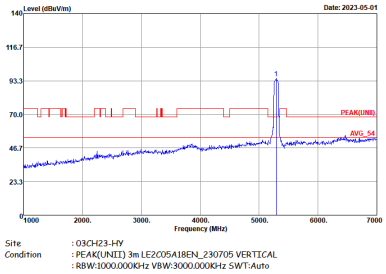
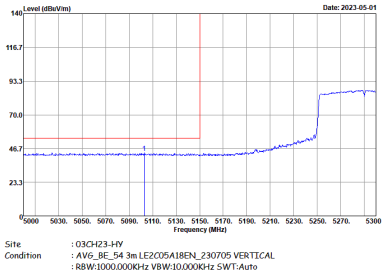
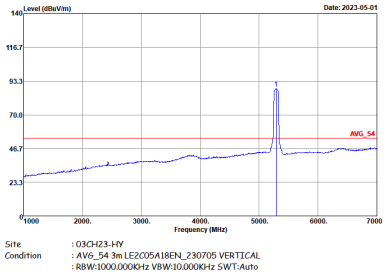
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak		
Avg.		

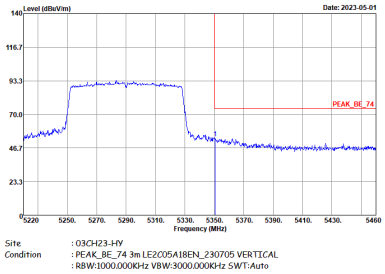
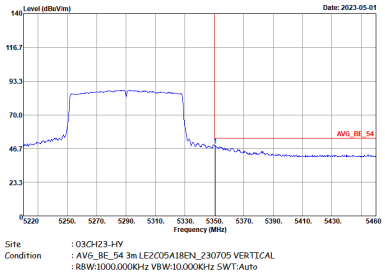
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

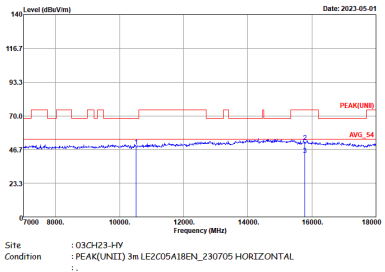
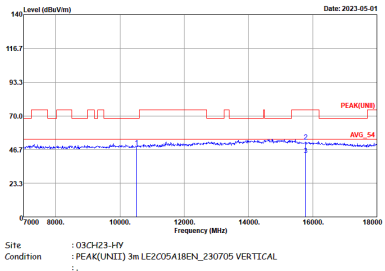
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

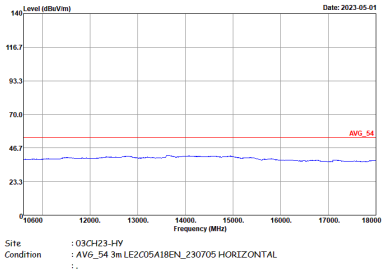
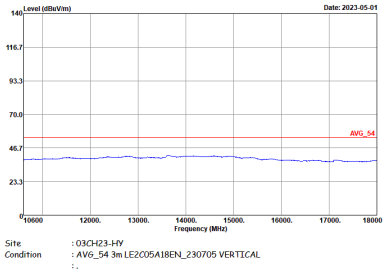
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto

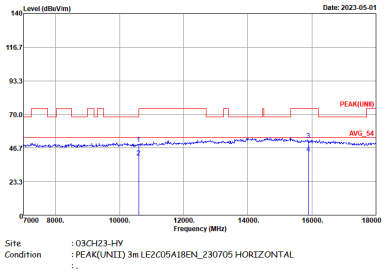
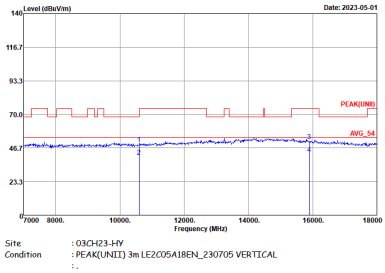
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

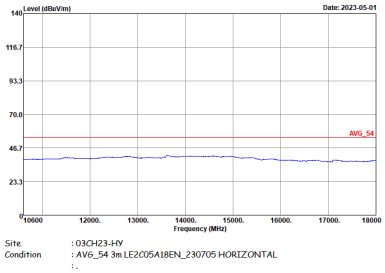
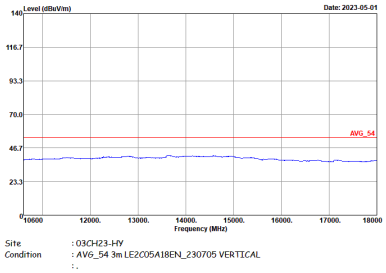
Band 2 - 5250~5350MHz

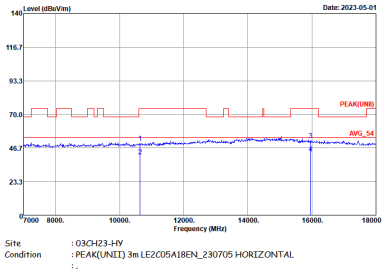
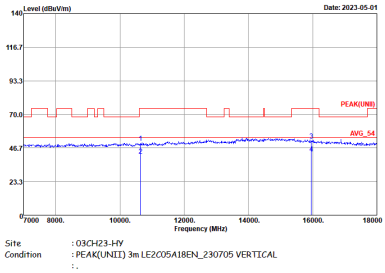
WIFI 802.11a (Harmonic @ 3m)

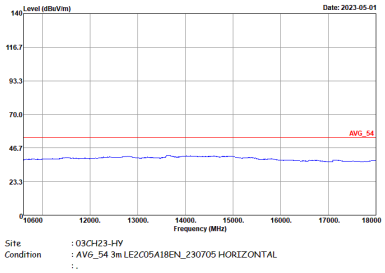
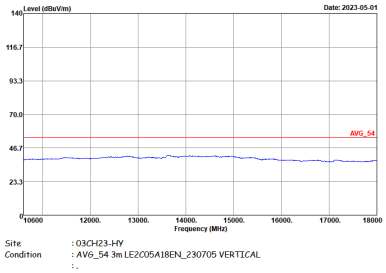
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

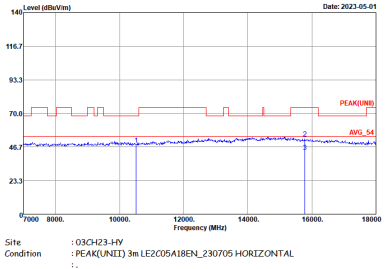
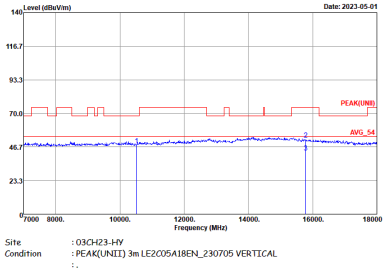
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

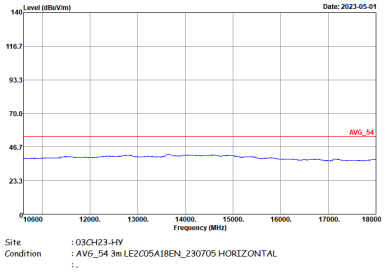
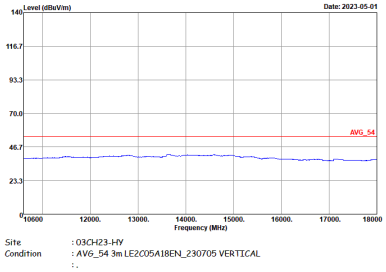
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

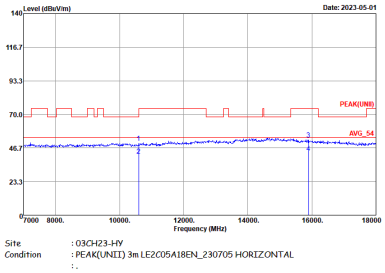
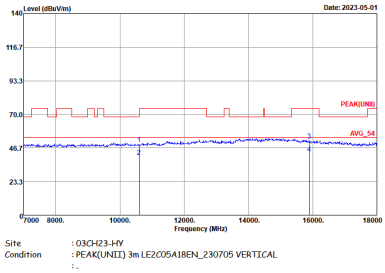
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

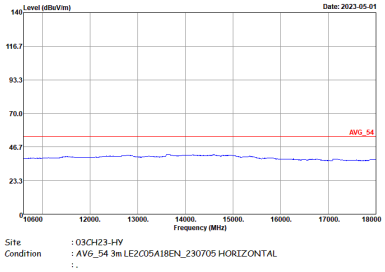
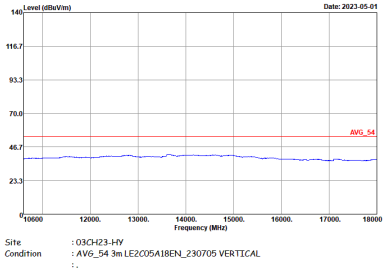
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

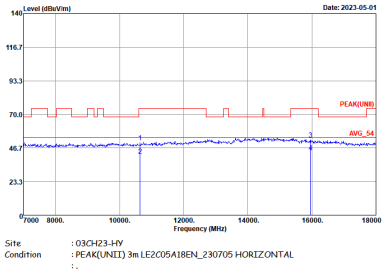
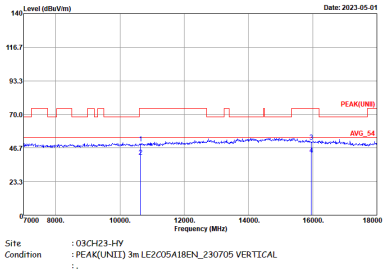
Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

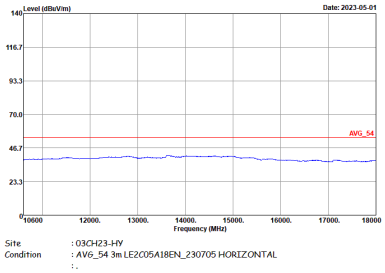
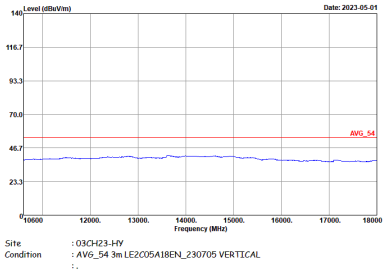
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

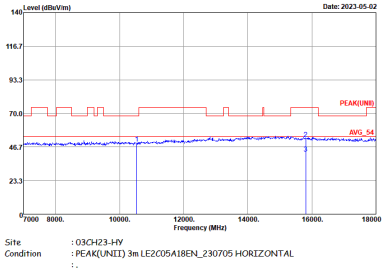
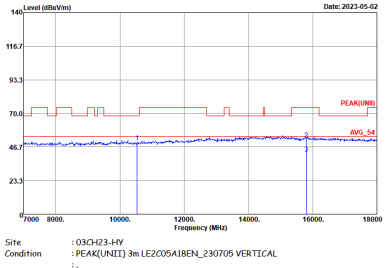
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

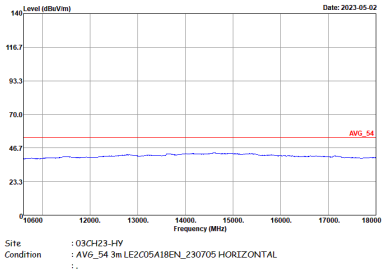
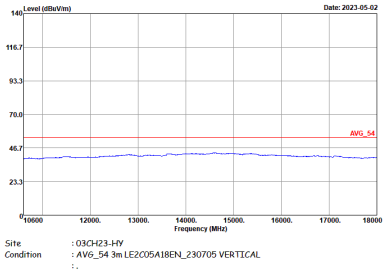
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

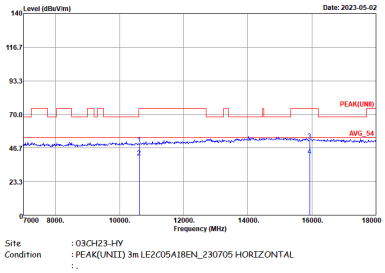
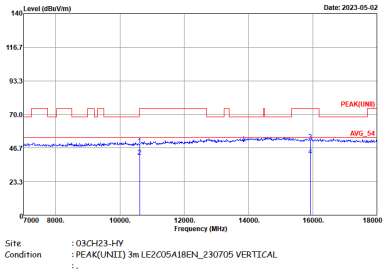
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

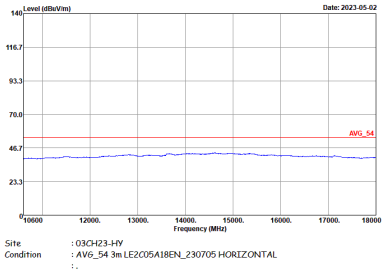
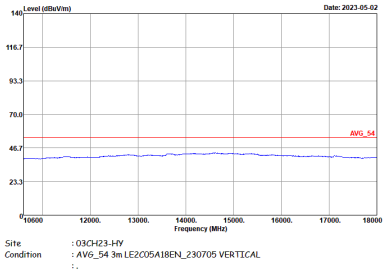
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

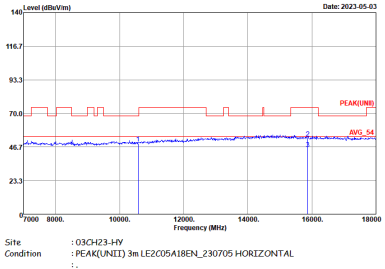
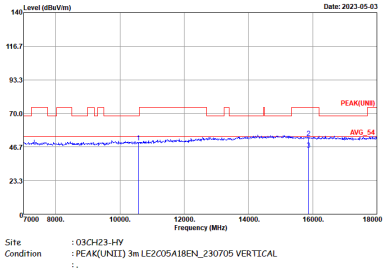
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.		

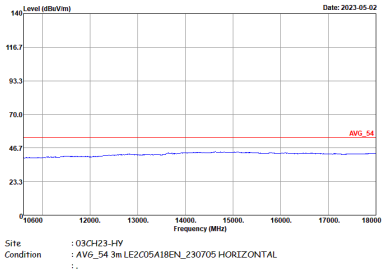
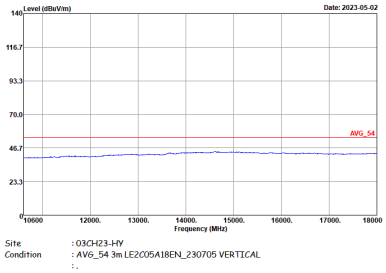
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH54 5270	
1	Horizontal	Vertical
10.6G ~18G Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : .	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : .

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH62 5310	
1	Horizontal	Vertical
10.6G ~18G Avg.		

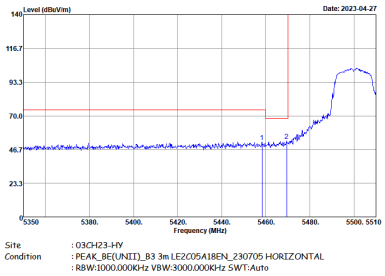
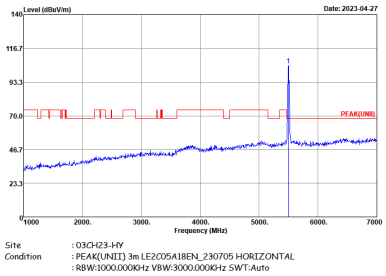
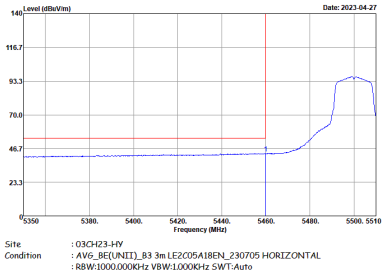
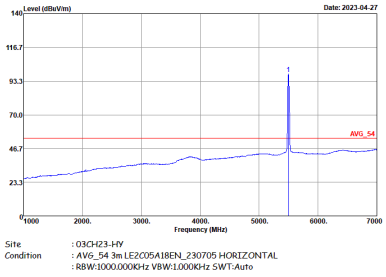
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

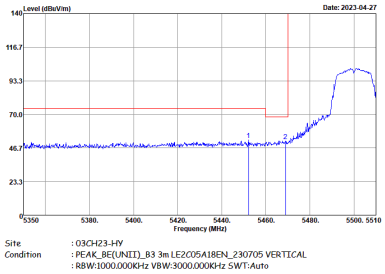
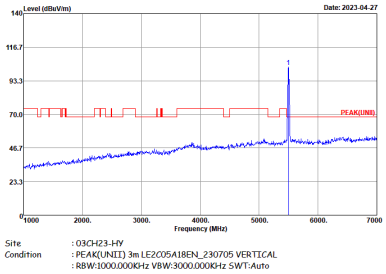
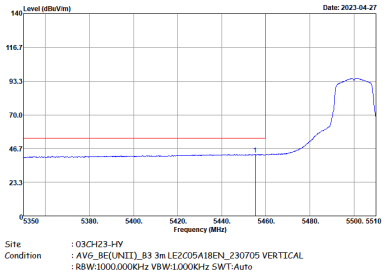
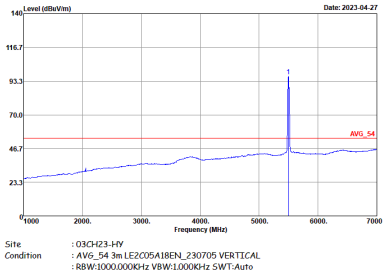
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.		

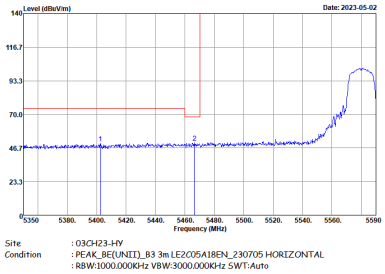
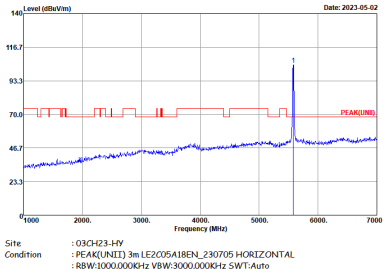
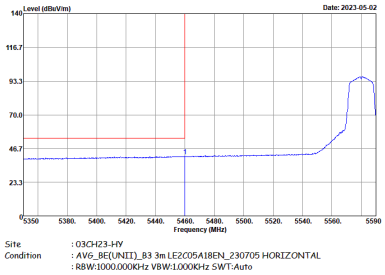
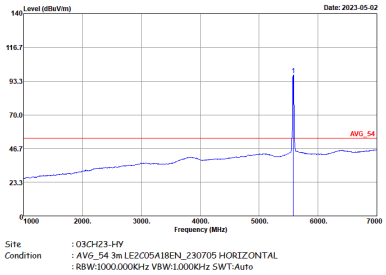
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.		

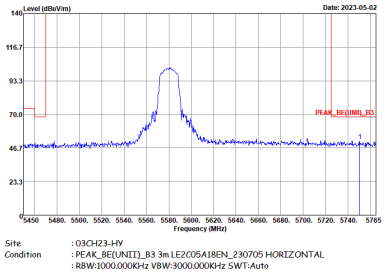
Band 3 - 5470~5725MHz

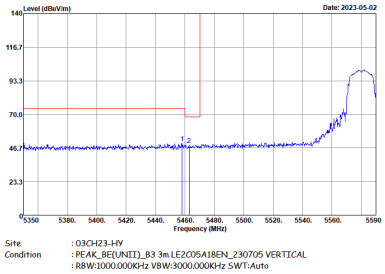
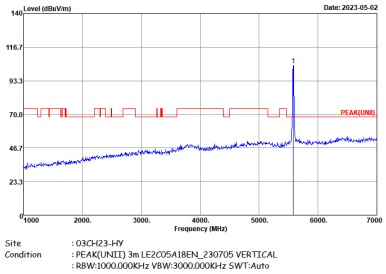
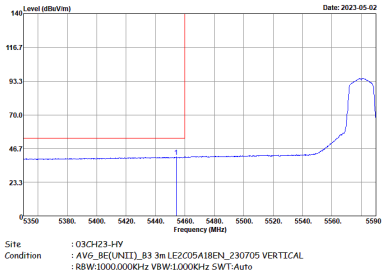
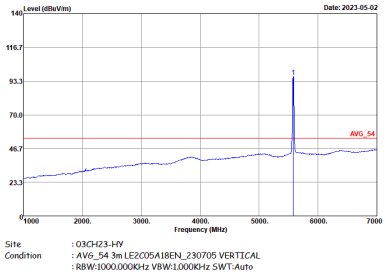
WIFI 802.11a (Band Edge @ 3m)

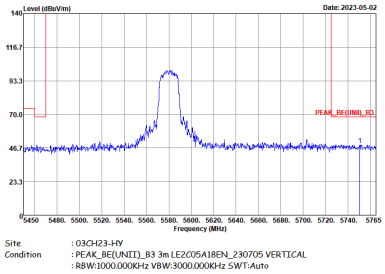
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

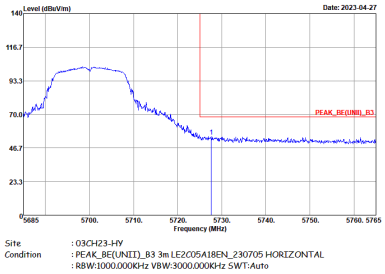
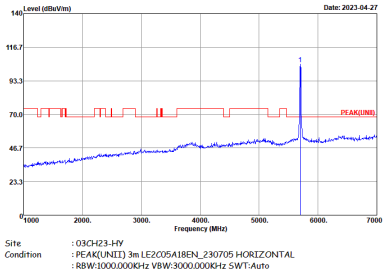
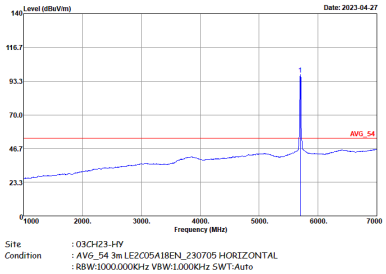
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE(UNII)_B3 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE(UNII)_B3 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE(UNII)_B3 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE(UNII)_B3 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE(UNII)_B3 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE(UNII)_B3 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Left blank	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230705 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto