TEST REPORT

Part 15 Subpart C 15.247

Equipment under test	Display
Model name	BL-D100
FCC ID	2A9HA-BD-100
Applicant	UNITED SAFETY FRONT BRAKE LIGHT LLC
Manufacturer	UNITED SAFETY FRONT BRAKE LIGHT LLC
Date of test(s)	2023.01.09 ~ 2023.01.27
Date of issue	2023.01.27

Issued to
UNITED SAFETY FRONT BRAKE LIGHT LLC
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Issued by
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Test and report completed by :	**Report approval by :**
	
Gu-Bong, Kang Test engineer	Yeong-Jun Cho Technical manager

This test report is not related to KS Q ISO/IEC 17025 and KOLAS

Revision history

Revision	Date of issue	Test report No.	Description
-	2023.01.27	KES-RF-23T0024	Initial

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1. General information

Applicant:	UNITED SAFETY FRONT BRAKE LIGHT LLC
Applicant address:	4372 driving Range Rd, Corona CA, 9288, United States
Test site:	KES Co., Ltd.
Test site address:	☐ 3701, 40, Simin-daero 365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Korea ☒ 473-21, Gayeo-ro, Yeoju-si, Gyeonggi-do, Korea
Test Facility	FCC Accreditation Designation No.: KR0100, Registration No.: 444148
FCC rule part(s):	15.247
FCC ID:	2A9HA-BD-100
Test device serial No.:	☒ Production ☐ Pre-production ☐ Engineering

1.1. EUT description

Equipment under test	Display
Frequency range	2 402 ㎒ ~ 2 480 ㎒ (LE 1 Mbps)
Model	BL-D100
Modulation technique	GFSK
Number of channels	2 402 ㎒ ~ 2 480 ㎒ (LE 1 Mbps) : 40 ch
Antenna specification	Chip Antenna // Peak gain: 0.5 ㏈i
Power source	DC 12 V
H/W version	1.0m
S/W version	1.0d

1.2. Test configuration

The **UNITED SAFETY FRONT BRAKE LIGHT LLC // Display // BL-D100 // FCC ID: 2A9HA-BD-100** was tested according to the specification of EUT, the EUT must comply with following standards and KDB documents.

FCC Part 15.247
KDB 558074 D01 v05 r02
ANSI C63.10-2013

1.3. Information about derivative model

N/A

1.4. Accessory information

Equipment	Manufacturer	Model	Serial No.	Power source
-	-	-	-	-

1.5. Sample calculation

Where relevant, the following sample calculation is provided
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.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
= 0.72 + 10 = 10.72 (dB)

For Radiation test :
Field strength level (dBμV/m) = Measured level (dBμV) + Antenna factor (dB) + Cable loss (dB) – Amplifier gain (dB)

1.6. Measurement Uncertainty

Test Item		Uncertainty
Uncertainty for Conduction emission test		2.38 dB (SHIELD ROOM #6)
Uncertainty for Radiation emission test (include Fundamental emission)	Below 1㎓	4.50 dB (SAC #6)
	Above 1㎓	4.90 dB (SAC #5)
Note. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.		

1.7. Frequency/channel operations

Ch.	Frequency (㎒)	Rate(Mbps)
00	2 402	LE 1 Mbps
.	.	.
.	.	.
20	2 442	LE 1 Mbps
.	.	.
.	.	.
39	2 480	LE 1 Mbps

2. Summary of tests

Section in FCC Part 15	Test description	Test results
15.247(a)(2)	6 dB bandwidth	N/A Note.1
15.247(b)(3)	Output power	Pass
15.247(e)	Power spectral density	N/A Note.1
15.205, 15.209	Radiated restricted band and emission	Pass
15.247(d)	Conducted spurious emission and band edge	N/A Note.1
15.207(a)	AC Conducted emissions	N/A Note.2
15.203	Antenna Requirement	Pass

Note.

1. This product is equipped with an approved module, please refer to Module Report (Report No.: RF200602C21) for details.
2. This product is powered by DC 12 V

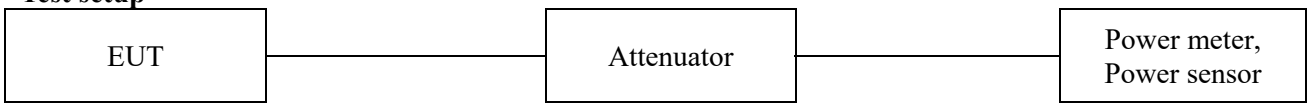
3. Test results

3.1. Output power

Test procedure

ANSI C63.10-2013 - Section 11.9.1.3 and 11.9.2.3.2

Test setup



ANSI C63.10-2013 - Section 11.9.1.3

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS ba ndwidth and shall use a fast-responding diode detector.

ANSI C63.10-2013 - Section 11.9.2.3.2

Alternatively, measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction is required.

Limit

According to §15.247(b)(3), For systems using digital modulation in the 902~928 ㎒, 2 400~2 483.5 ㎒, and 5 725~5 850 ㎒ bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted out-put power. Maximum Conducted Out-put Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

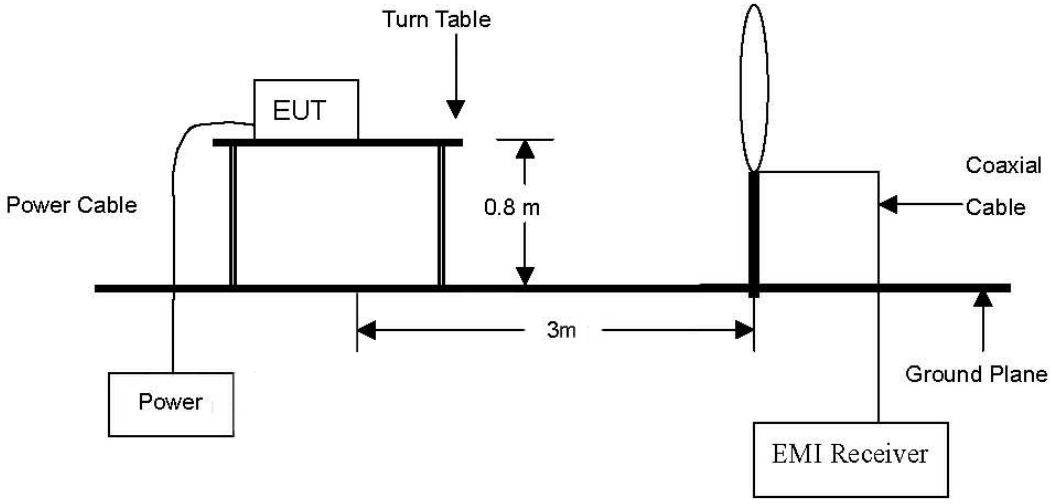
Test results

Mode	2 402 ㎒		2 442 ㎒		2 480 ㎒	
	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)
LE 1 Mbps	4.44	4.58	4.12	4.19	3.84	3.92

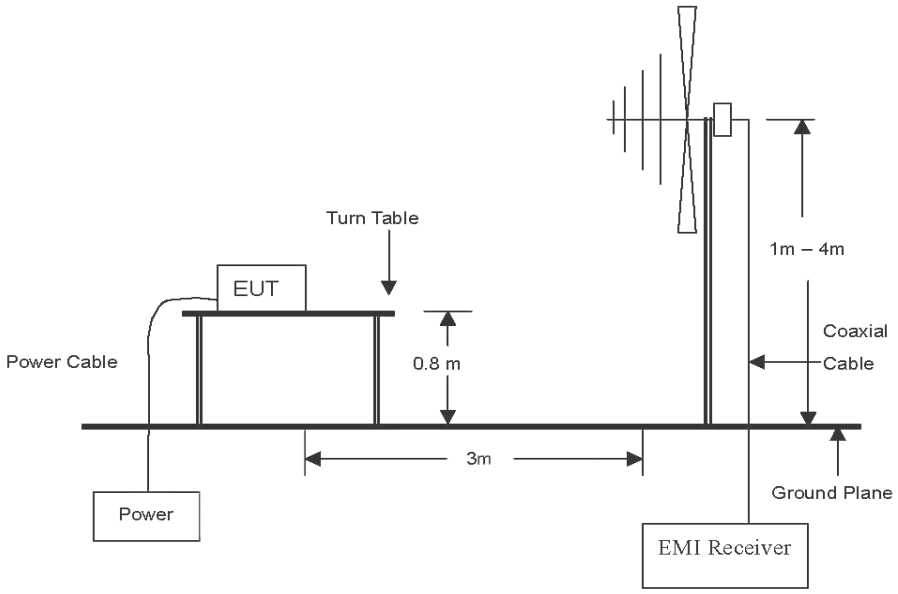
3.2. Radiated restricted band and emissions

Test setup

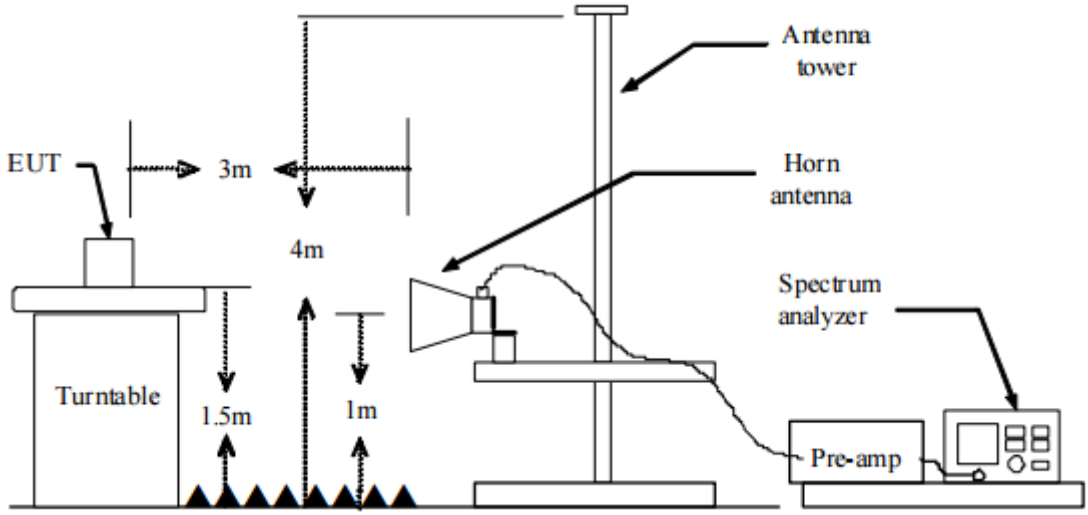
The diagram below shows the test setup that is utilized to make the measurements for emission from 9 ㎑ to 30 ㎒ Emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission from 30 ㎒ to 1 ㎓ emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission from 1 ㎓ to the tenth harmonic of the highest fundamental frequency or to 40 ㎓ emissions, whichever is lower.



Test procedure

Radiated emissions from the EUT were measured according to the dictates in section 11.11 & 11.12 of ANSI C63.10-2013.

Test procedure below 30 ㎒

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
2. Then antenna is a loop antenna is fixed at one meter above the ground to determine the maximum value of the field strength. Both parallel, ground parallel and perpendicular of the antenna are set to make the measurement. It was determined that **parallel** was worst-case orientation; therefore, all final radiated testing was performed with the EUT in **parallel.**
3. For each suspected emission, the EUT was arranged to its worst case and then the table was turned from 0 degrees to 360 degrees to find the maximum reading.
4. The test-receiver system was set to average or quasi peak detect function and Specified Bandwidth with Maximum hold mode.

Test procedure above 30 ㎒

1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The antenna is a bi-log antenna, a horn antenna ,and its height are varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
4. The test receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

5. Spectrum analyzer settings for $f < 1$ ㎓:
   ① Span = wide enough to fully capture the emission being measured
   ② RBW = 100 ㎑
   ③ VBW ≥ RBW
   ④ Detector = quasi peak
   ⑤ Sweep time = auto
   ⑥ Trace = max hold
6. Spectrum analyzer settings for $f \geq 1$ ㎓: Peak
   ① Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
   ② RBW = 1 ㎒
   ③ VBW ≥ 3 ㎒
   ④ Detector = peak
   ⑤ Sweep time = auto
   ⑥ Trace = max hold
   ⑦ Trace was allowed to stabilize

7. Spectrum analyzer settings for $f \geq 1$ ㎓: Average
   ① Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
   ② RBW = 1 ㎒
   ③ VBW ≥ 3 × RBW
   ④ Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
   ⑤ Averaging type = power(i.e., RMS)
      1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
      2) Some instruments require linear display mode in order to use linear voltage averaging. Log or ㏈ averaging shall not be used.
   ⑥ Sweep = auto
   ⑦ Trace = max hold
   ⑧ Perform a trace average of at least 100 traces.
   ⑨ A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
      1) If power averaging (RMS) mode was used in step ⑤, then the applicable correction factor is 10 log(1/x), where x is the duty cycle.
      2) If linear voltage averaging mode was used in step ⑤, then the applicable correction factor is 20 log(1/x), where x is the duty cycle.
      3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

Note.

1. f<30 ㎒, extrapolation factor of 40 ㏈/decade of distance. $F_d = 40\log(D_m/Ds)$
   f ≥30 ㎒, extrapolation factor of 20 ㏈/decade of distance. $F_d = 20\log(D_m/Ds)$
   Where:
   F_d = Distance factor in ㏈
   D_m = Measurement distance in meters
   D_s = Specification distance in meters
2. Field strength(㏈㎶/m) = Level(㏈㎶) + CF (㏈) + or DCF(㏈)
3. Margin(㏈) = Limit(㏈㎶/m) - Field strength(㏈㎶/m)
4. Emissions below 18 ㎓ were measured at a 3 meter test distance while emissions above 18 ㎓ were measured at a 1 meter test distance with the application of a distance correction factor.
5. The fundamental of the EUT was investigated in three orthogonal orientations X, Y and Z, it was determined that **X orientation** was worst-case orientation; therefore, all final radiated testing was performed with the EUT in **X orientation.**
6. The worst-case emissions are reported however emissions whose levels were not within 20 ㏈ of respective limits were not reported.
7. According to exploratory test no any obvious emission were detected from 9 ㎑ to 30 ㎒. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

Limit

According to 15.209(a), for an intentional radiator devices, the general required of field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values：

Frequency (㎒)	Distance (Meters)	Radiated (μV/m)
0.009 ~ 0.490	300	2400/F(㎑)
0.490 ~ 1.705	30	24000/F(㎑)
1.705 ~ 30.0	30	30
30 ~ 88	3	100**
88 ~ 216	3	150**
216 ~ 960	3	200**
Above 960	3	500

**Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54 ~ 72 ㎒, 76 ~ 88 ㎒, 174 ~ 216 ㎒ or 470 ~ 806 ㎒. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

Duty cycle

Regarding to KDB 558074 D01_v05 r02, 6. Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

a) A diode detector and an oscilloscope that together have sufficiently short response time to permit accurate measurements of the on- and off-times of the transmitted signal.

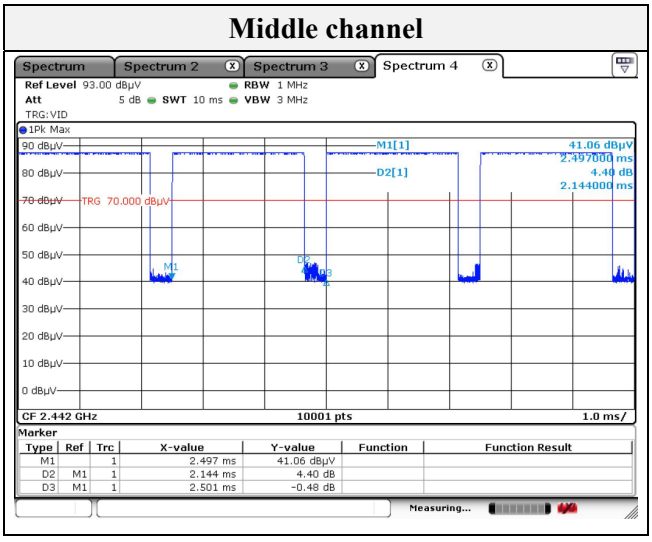
b) The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on- and off-times of the transmitted signal.

T_{on} time (㎳)	Period (㎳)	Duty cycle (Linear)	Duty cycle (%)	Duty cycle correction factor (dB)
2.144	2.501	0.86	85.73	0.67

Duty cycle (Linear) = T_{on} time/Period

DCF(Duty cycle correction factor (㏈)) = 10log(1/duty cycle)

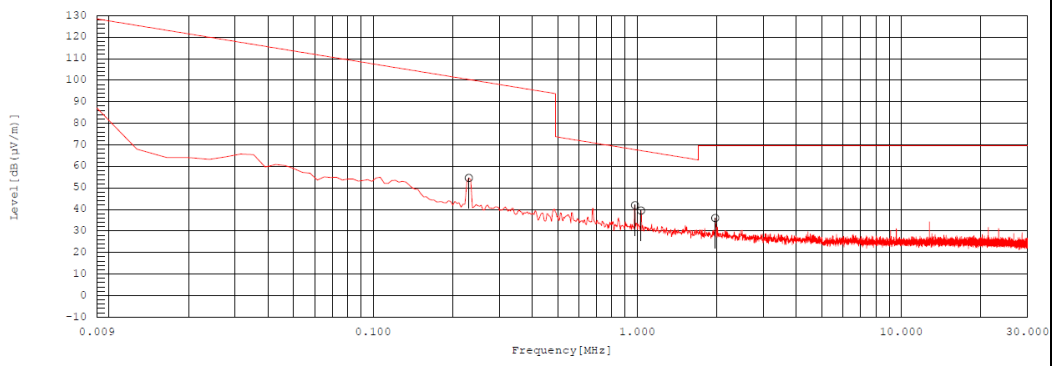
Middle channel



Test results (Below 30 ㎒)

Mode:	LE 1 Mbps
Distance of measurement:	3 meter
Channel:	00 (Worst case)

Parallel



Spectrum Selection

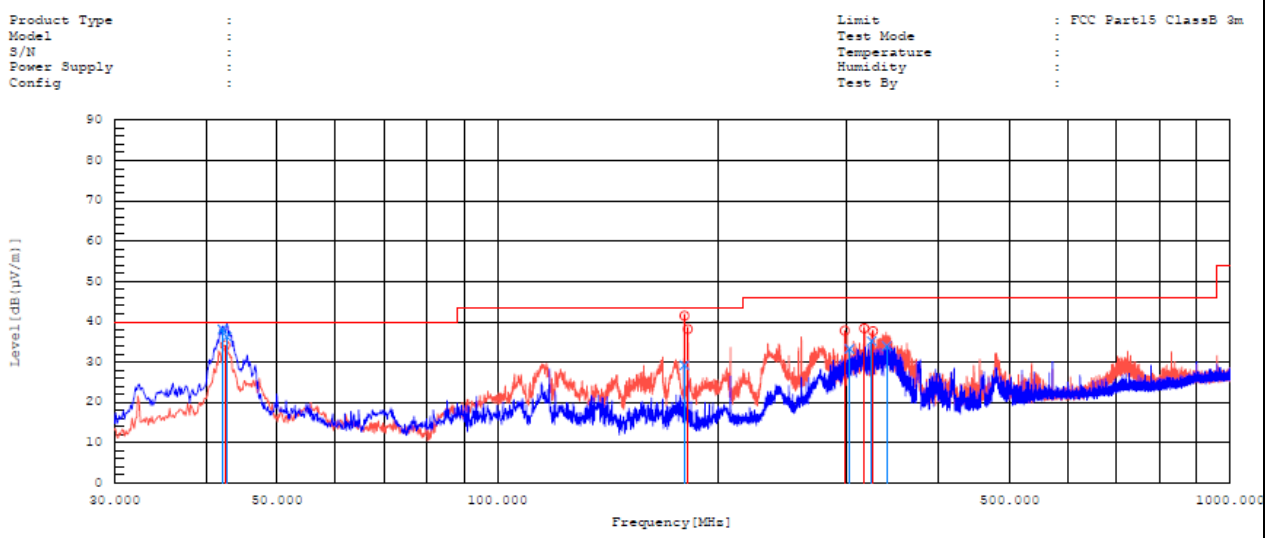
No.	Range	Frequency [MHz]	Reading PK [dB(µV)]	c.f [dB(1/m)]	Result PK [dB(µV/m)]	Limit PK [dB(µV/m)]	Angle [deg]	Remark
1	Range1	0.230	35.1	19.6	54.7	----------	71.2	
2	Range1	0.980	21.2	20.7	41.9	----------	269.1	
3	Range1	1.032	18.8	20.7	39.5	----------	336.4	
4	Range1	1.973	15.2	20.8	36.0	----------	341.8	

Note.
1. No spurious emission were detected under 30 ㎒, the above test result is the peak result.

Test results (Below 1 000 ㎒)

Mode:	LE 1 Mbps
Distance of measurement:	3 meter
Channel:	00 (Worst case)

Horizontal // Vertical



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	42.125	V	50.7	-12.6	38.1	40.0	1.9	116.0	244.6	
2	42.489	H	46.7	-12.5	34.2	40.0	5.8	387.0	331.1	
3	42.731	V	48.8	-12.5	36.3	40.0	3.7	99.9	201.4	
4	179.986	H	55.7	-14.2	41.5	43.5	2.0	106.0	46.1	
5	179.986	V	43.4	-14.2	29.2	43.5	14.3	162.0	90.7	
6	181.926	H	52.2	-14.0	38.2	43.5	5.3	142.0	46.1	
7	297.841	H	48.3	-10.5	37.8	46.0	8.2	145.0	242.7	
8	302.449	V	43.6	-10.3	33.3	46.0	12.7	117.0	337.3	
9	316.756	H	48.1	-9.7	38.4	46.0	7.6	124.0	46.1	
10	324.031	V	44.6	-9.4	35.2	46.0	10.8	104.0	244.6	
11	325.486	H	47.0	-9.3	37.7	46.0	8.3	107.0	46.1	
12	339.915	V	42.7	-8.7	34.0	46.0	12.0	157.0	133.3	

Test results (Above 1 000 ㎒)

Mode: LE 1 Mbps

Distance of measurement: 3 meter

Channel: 00

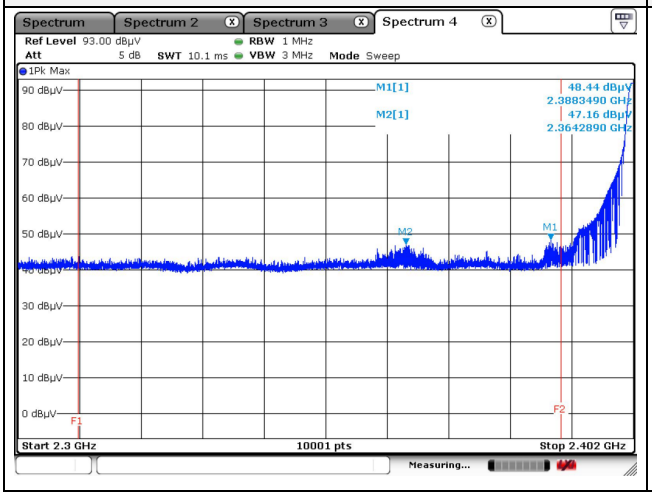
- **Spurious**

Frequency (㎒)	Level (dB㎶)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
1 054.49	45.79	Peak	V	-8.46	-	37.33	74.00	36.67
1 125.09	46.55	Peak	V	-8.13	-	38.42	74.00	35.58
1 168.08	46.20	Peak	H	-7.93	-	38.27	74.00	35.73
1 488.85	45.49	Peak	H	-6.49	-	39.00	74.00	35.00
7 206.30	43.45	Peak	H	10.27	-	53.72	74.00	20.28
7 206.30	43.64	Peak	H	10.27	-	53.91	74.00	20.09

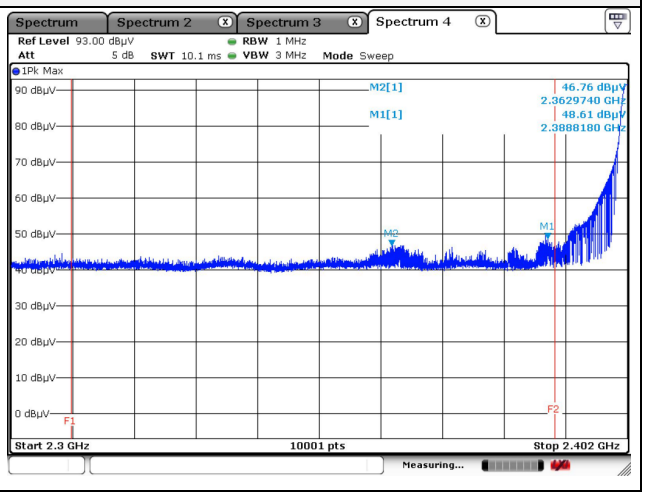
- **Band edge**

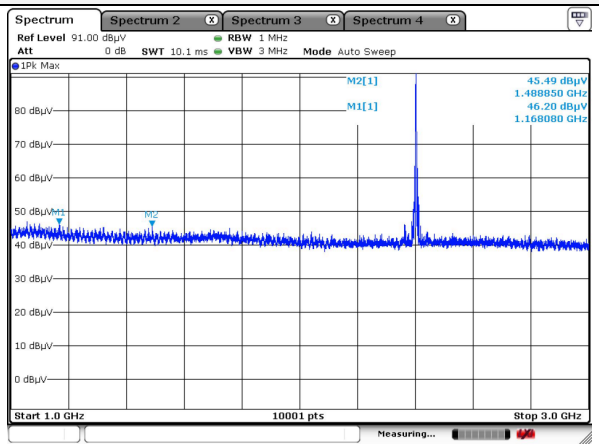
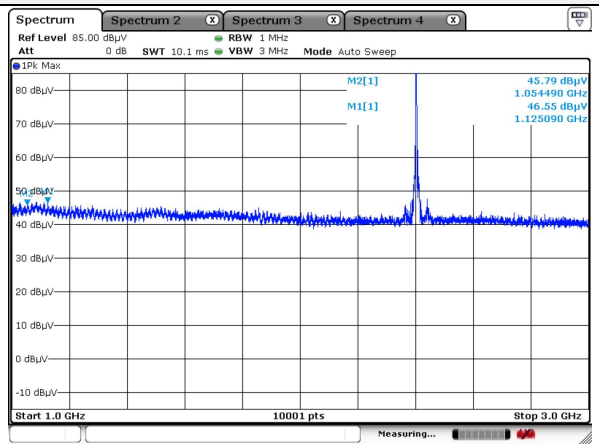
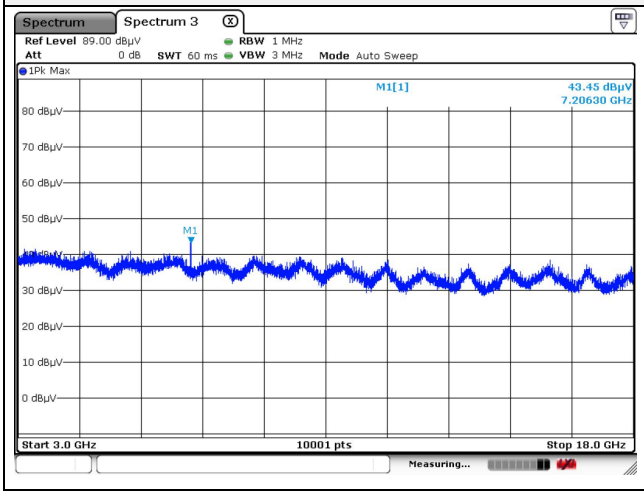
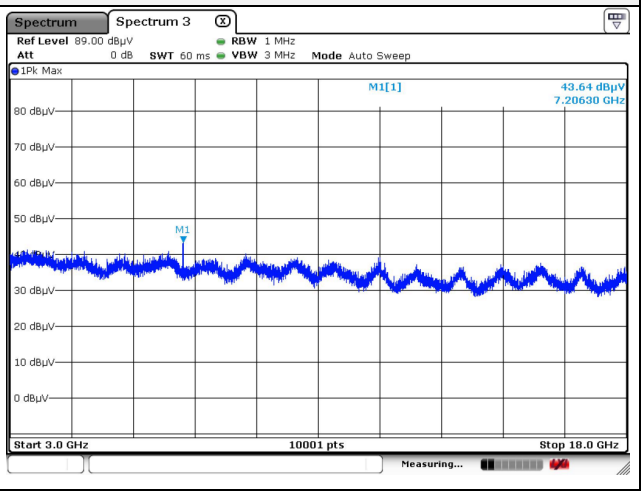
Frequency (㎒)	Level (dB㎶)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
2 362.97	46.76	Peak	V	-3.56	-	43.20	74.00	30.80
2 364.29	47.16	Peak	H	-3.56	-	43.60	74.00	30.40
2 388.35	48.44	Peak	H	-3.50	-	44.94	74.00	29.06
2 388.82	48.61	Peak	V	-3.50	-	45.11	74.00	28.89

Restricted band // Horizontal // Peak



Restricted band // Vertical // Peak



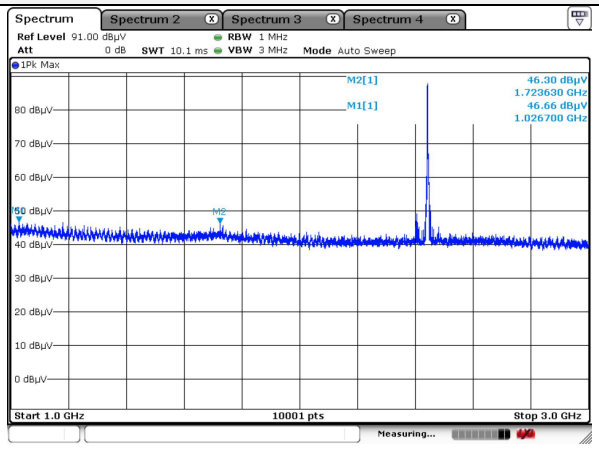
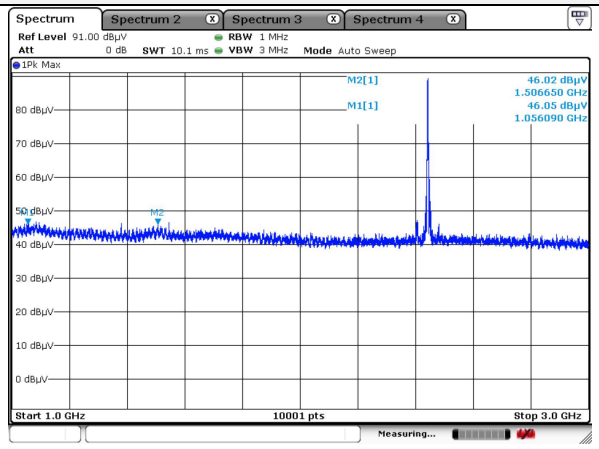
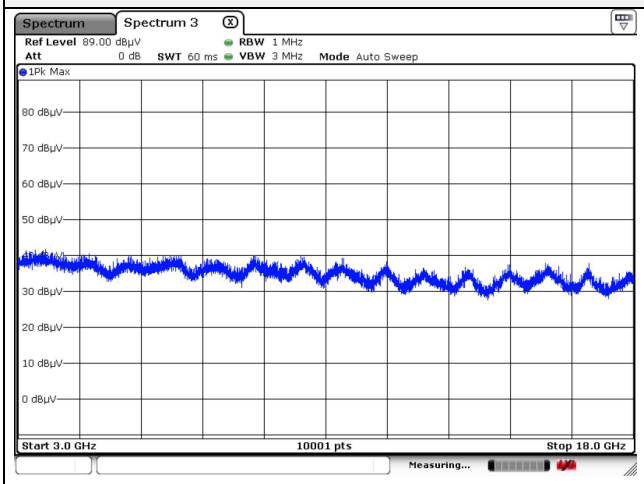
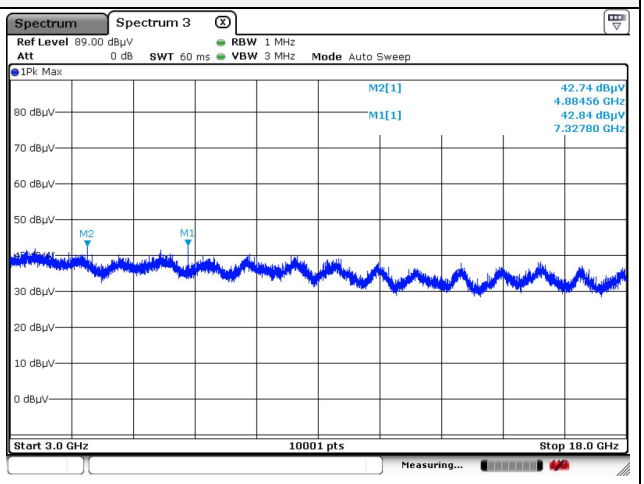
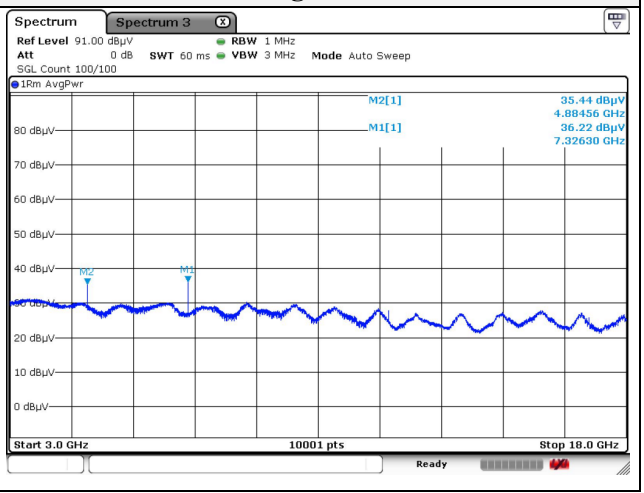
Horizontal // Peak for 1 ㎓ to 3 ㎓	Vertical // Peak for 1 ㎓ to 3 ㎓
	
Horizontal // Peak for 3 ㎓ to 18 ㎓	**Vertical // Peak for 3 ㎓ to 18 ㎓**
	

Note.
1. Average test would be performed if the peak result were greater than the average limit.

Mode: LE 1 Mbps
Distance of measurement: 3 meter
Channel: 20

- **Spurious**

Frequency (㎒)	Level (dB㎶)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
1 026.70	46.66	Peak	H	-8.59	-	38.07	74.00	35.93
1 056.09	46.05	Peak	V	-8.46	-	37.59	74.00	36.41
1 506.65	46.02	Peak	V	-6.42	-	39.60	74.00	34.40
1 723.63	46.30	Peak	H	-5.42	-	40.88	74.00	33.12
4 884.56	42.74	Peak	V	4.06	-	46.80	74.00	27.20
7 327.80	42.84	Peak	V	12.59	-	55.43	74.00	18.57
7 327.80	36.22	Average	V	12.59	0.67	49.48	54.00	4.52

Horizontal // Peak for 1 ㎓ to 3 ㎓	Vertical // Peak for 1 ㎓ to 3 ㎓
	
Horizontal // Peak for 3 ㎓ to 18 ㎓	**Vertical // Peak for 3 ㎓ to 18 ㎓**
	
Horizontal // Average for 3 ㎓ to 18 ㎓	**Vertical // Average for 3 ㎓ to 18 ㎓**
N/A	

Note.
1. Average test would be performed if the peak result were greater than the average limit.

Mode: LE 1 Mbps
Distance of measurement: 3 meter
Channel: 39

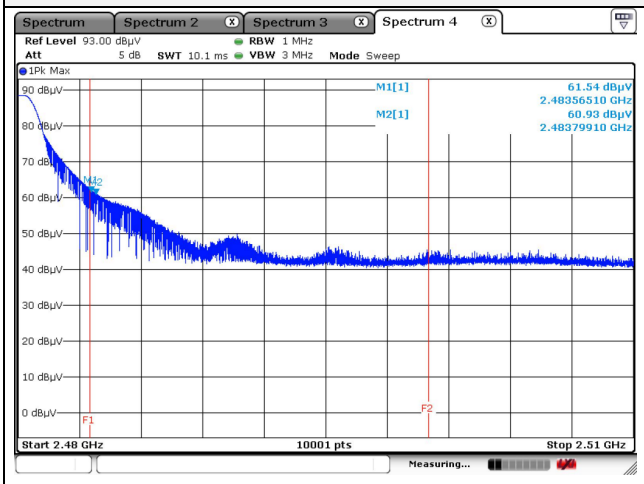
- **Spurious**

Frequency (㎒)	Level (dB㎶)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
1 039.90	47.01	Peak	H	-8.53	-	38.48	74.00	35.52
1 081.89	46.46	Peak	V	-8.33	-	38.13	74.00	35.87
1 108.09	46.18	Peak	H	-8.21	-	37.97	74.00	36.03
1 126.49	46.47	Peak	V	-8.12	-	38.35	74.00	35.65
7 438.80	44.44	Peak	V	13.80	-	58.24	74.00	15.76
7 438.80	37.18	Average	V	13.80	0.67	52.32	54.00	1.68

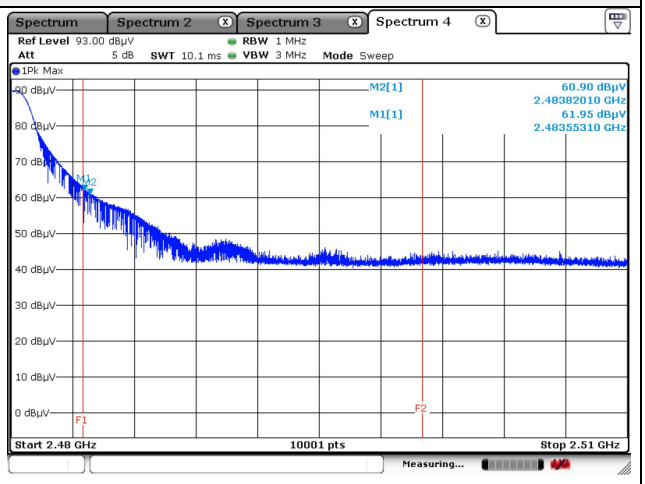
- **Band edge**

Frequency (㎒)	Level (dB㎶)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
2 483.55	61.95	Peak	V	-3.38	-	58.57	74.00	15.43
2 483.55	39.64	Average	V	-3.38	0.67	36.93	54.00	17.07
2 483.57	61.54	Peak	H	-3.38	-	58.16	74.00	15.84
2 483.57	39.47	Average	H	-3.38	0.67	37.43	54.00	16.57
2 483.80	60.93	Peak	H	-3.38	-	57.55	74.00	16.45
2 483.80	38.81	Average	H	-3.38	0.67	36.10	54.00	17.90
2 483.82	60.90	Peak	V	-3.38	-	57.52	74.00	16.48
2 483.82	39.83	Average	V	-3.38	0.67	37.12	54.00	16.88

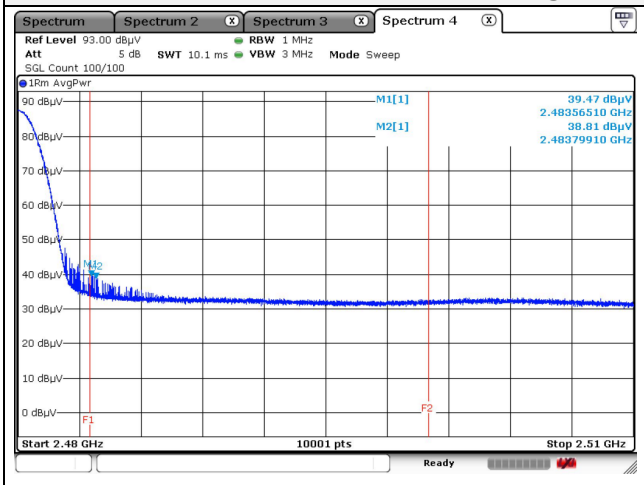
Restricted band // Horizontal // Peak



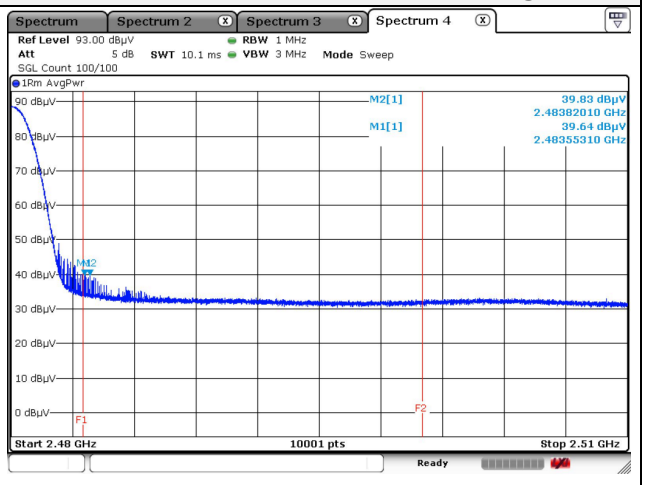
Restricted band // Vertical // Peak

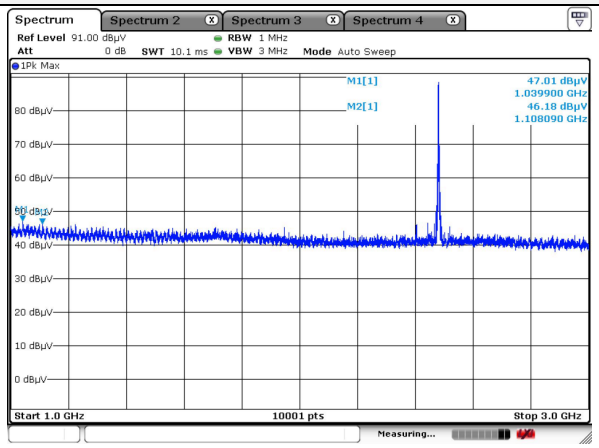
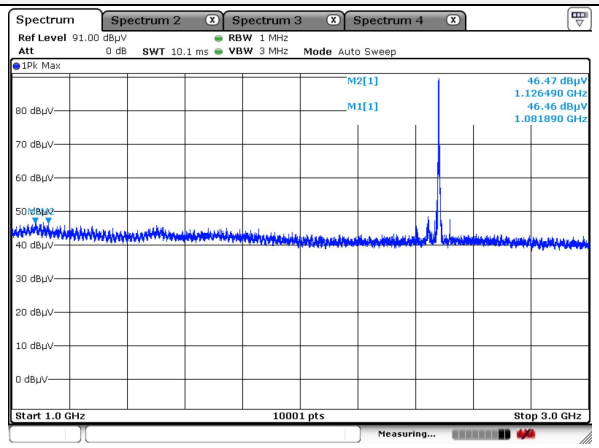
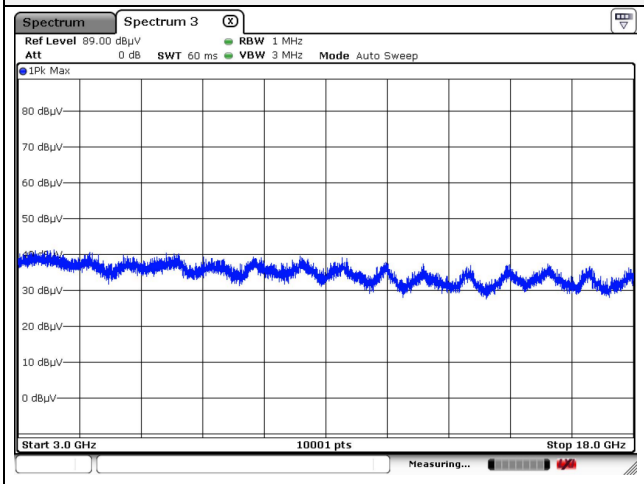
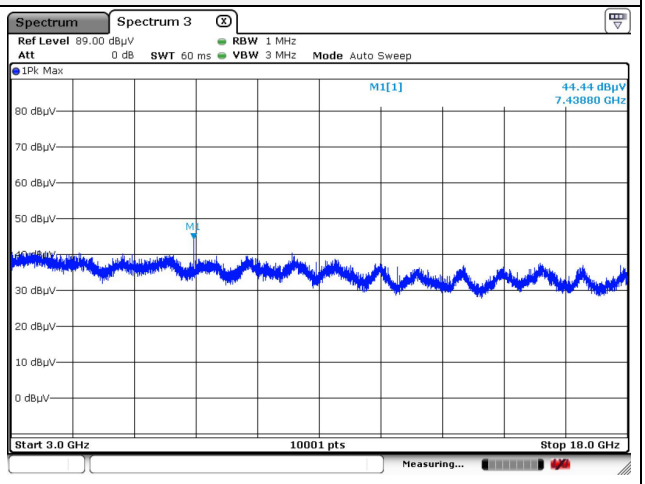
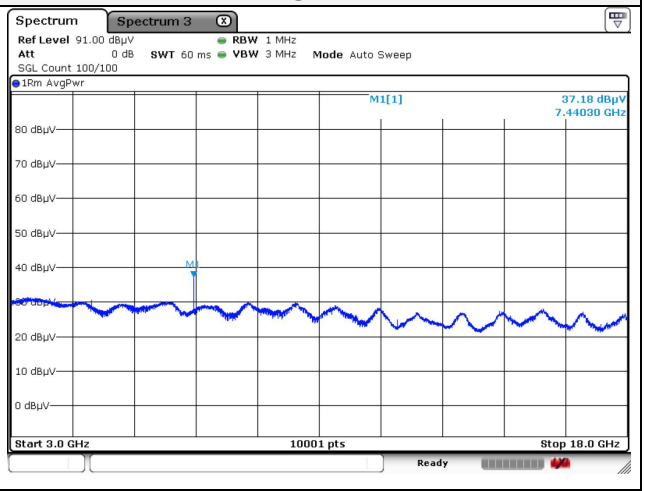


Restricted band // Horizontal // Average



Restricted band // Vertical // Average

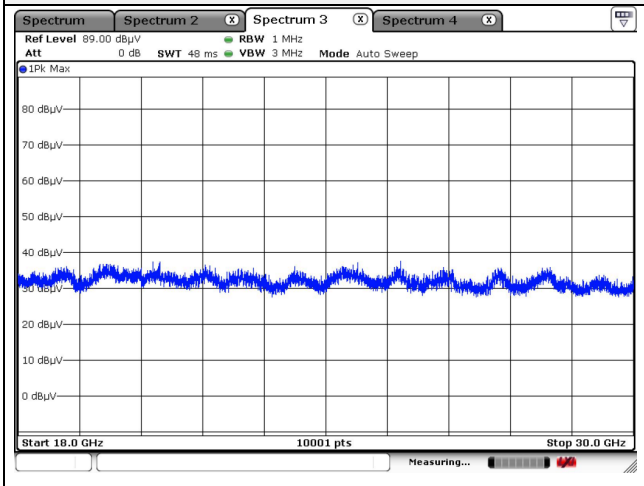
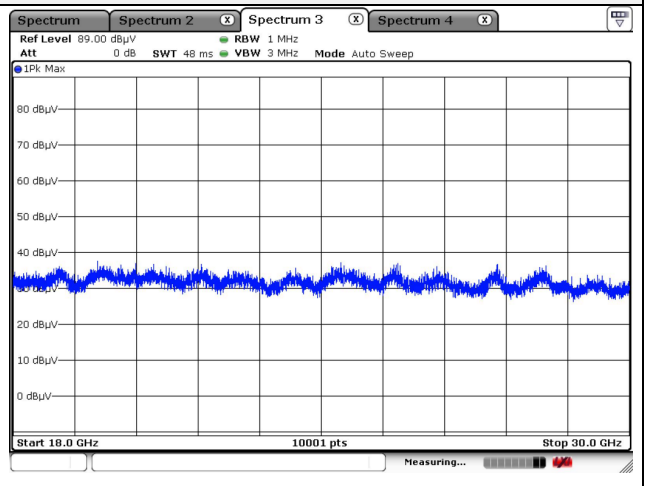


Horizontal // Peak for 1 ㎓ to 3 ㎓	Vertical // Peak for 1 ㎓ to 3 ㎓
	
Horizontal // Peak for 3 ㎓ to 18 ㎓	**Vertical // Peak for 3 ㎓ to 18 ㎓**
	
Horizontal // Average for 3 ㎓ to 18 ㎓	**Vertical // Average for 3 ㎓ to 18 ㎓**
N/A	

Note.
1. Average test would be performed if the peak result were greater than the average limit.

Test results (18 ㎓ to 30 ㎓) – Worst case

Mode:	LE 1 Mbps
Distance of measurement:	3 meter
Channel:	00 (Worst case)

Horizontal Peak	Vertical Peak
	

Note.
No spurious emission were detected above 18 ㎓.

3.3. Antenna Requirement

According to 15.207(a), An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. 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 provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of Sections 15.211, 15.213, 15.217, 15.219, or 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with Section 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this Part are not exceeded.

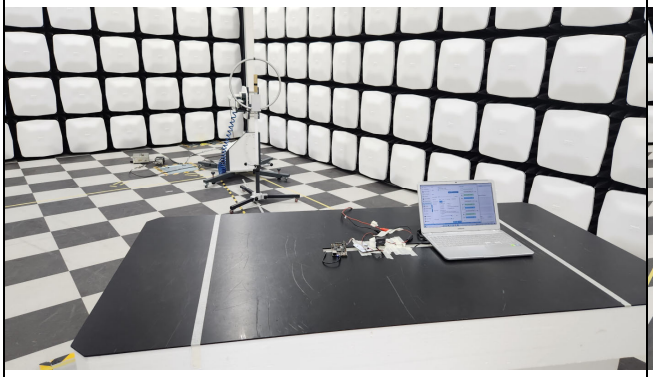
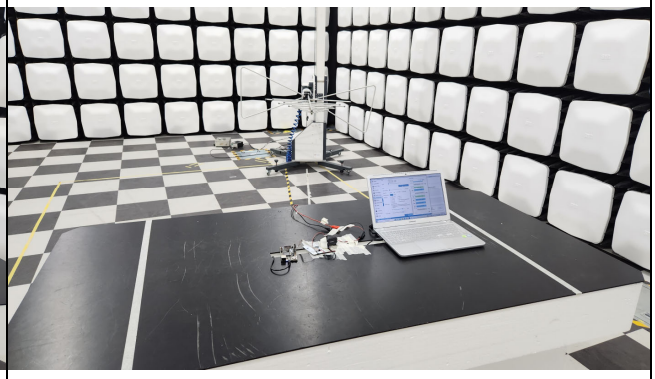
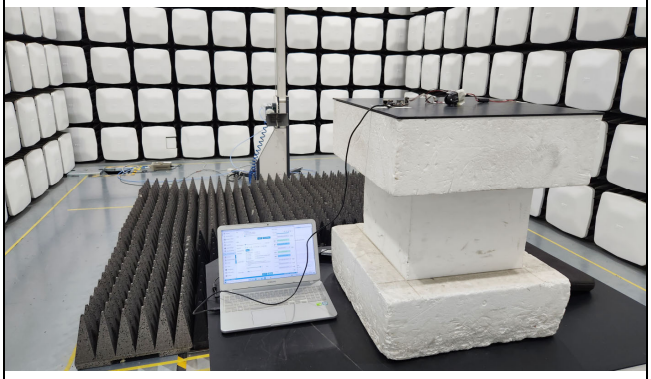
Appendix A. Measurement equipment

Equipment	Manufacturer	Model	Serial No.	Calibration interval	Calibration due.
Spectrum analyzer	R&S	FSV40-N	102194	1 year	2023.08.11
SIGNAL GENERATOR	KEYSIGHT	N5182B	MY59100115	1 year	2023.04.27
SIGNAL GENERATOR	Anritsu	68369B	002118	1 year	2023.05.13
Power Meter	Anritsu	ML2495A	2010001	1 year	2023.04.27
Pulse Power Sensor	Anritsu	MA2411B	1911111	1 year	2023.04.27
Attenuator	HP	8495B	2814A14772	1 year	2023.01.14 2024.01.12
Attenuator	Agilent	8494B	MY42143296	1 year	2023.01.14 2024.01.12
Loop Antenna	Schwarzbeck	FMZB1513	1513-257	2 years	2023.03.18
TRILOG-BROADBAND ANTENNA	Schwarzbeck	VULB 9163	714	2 years	2024.04.19
Attenuator	HUBER+SHHNER	6806.17.A	NONE	1 year	2023.04.01
Horn Antenna	Schwarzbeck	BBHA9170	BBHA9170550	1 year	2023.01.20 2024.01.16
Horn Antenna	SCHWARZBECK	BBHA9120D	01802	1 year	2023.11.08
Amplifier	SONOMA INSTRUMENT	310N	100517	1 year	2023.08.01
PREAMPLIFIER	HP	8449B	3008A00538	1 year	2023.06.02
BROADBAND AMPLIFIER	SCHWARZBECK	BBV9721	PS9721-003	1 year	2023.01.17 2024.01.16
EMI Test Receiver	R&S	ESU26	100517	1 year	2023.08.01
BAND REJECT FILTER	MICRO-TRONICS	BRM50702	G272	1 year	2023.01.14 2024.01.12

Peripheral devices

Device	Manufacturer	Model No.	Serial No.
Notebook computer	Samsung Electronics Suzhou Computer Co., Ltd.	NT560XBV	0Z0H91JM100050X 01.2019
Test Jig Board	N/A	N/A	N/A

Appendix B. Test setup photos

Radiated test	
	
	N/A

The end of test report.