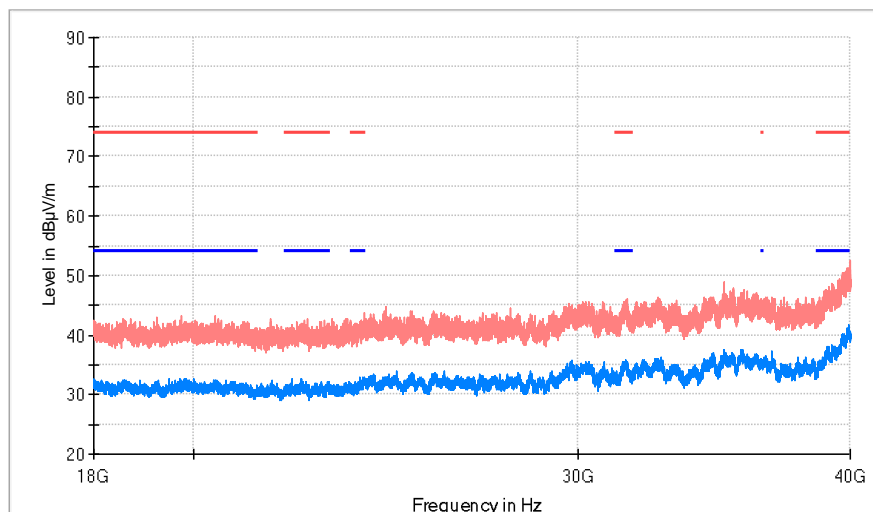


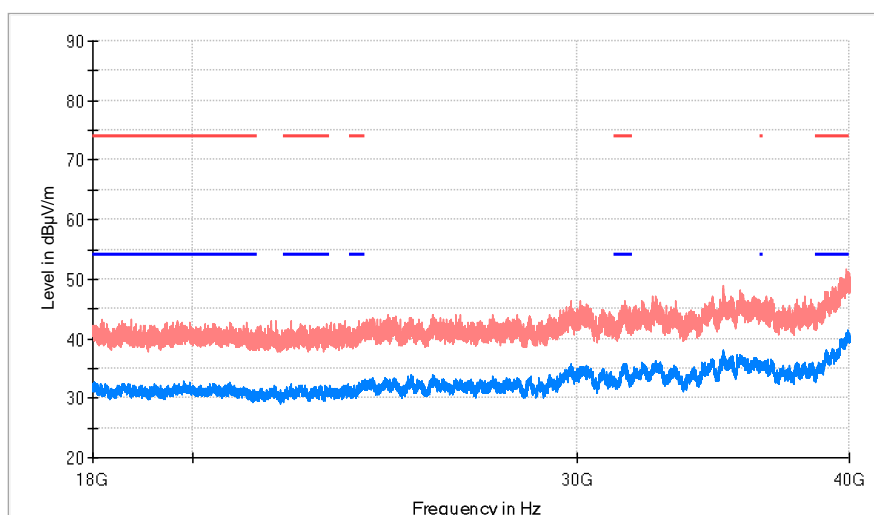
TEST RESULTS (Cont.)	
FREQUENCY RANGE	18 GHz – 40 GHz

Lowest Channel



- AVG_MAXH
- PK+ MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Highest Channel



- AVG_MAXH
- PK+ MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

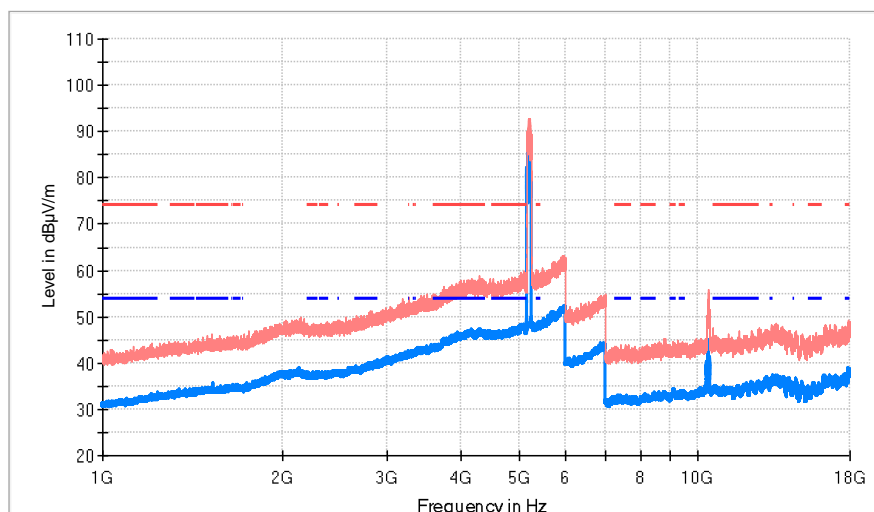
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (ac80 mode chip1 MIMO)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

The results and plots below show the maximum measured levels in the 1- 40 GHz range.

FREQUENCY RANGE	1 GHz – 18 GHz
------------------------	-----------------------

Middle Channel



— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

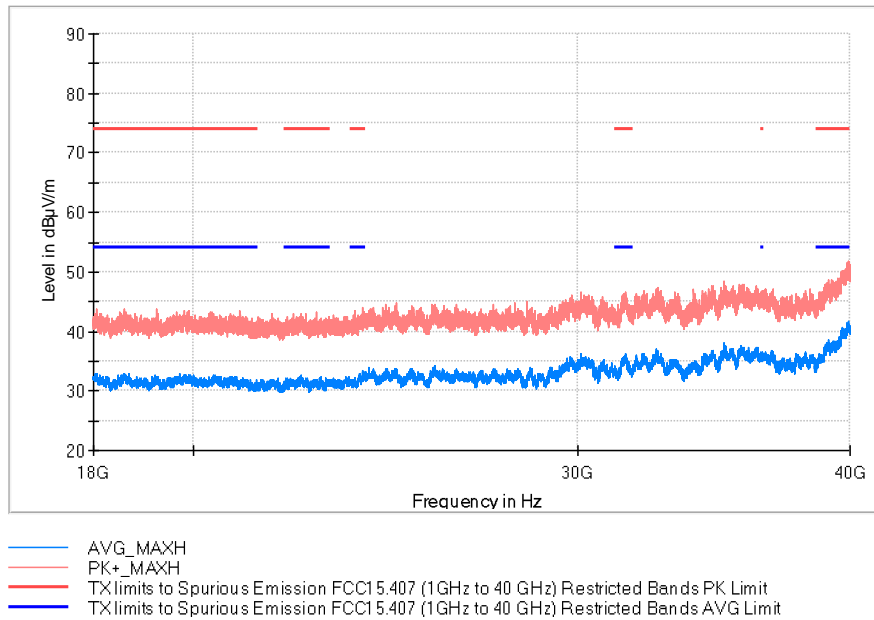
Maximizations

Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comment
5207.727273	92.7	85.0	H	Fundamental
10430.727273	55.8	43.7	V	

FREQUENCY RANGE

18 GHz – 40 GHz

Middle Channel



TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#02 (n20 mode chip2 MIMO)
TEST RESULTS:	PASS

Frequency range 30 MHz – 1000 MHz

The spurious emissions below 1 GHz do not depend on the operating channel selected in the EUT. See worst operation mode selected for all channels as a worst case.

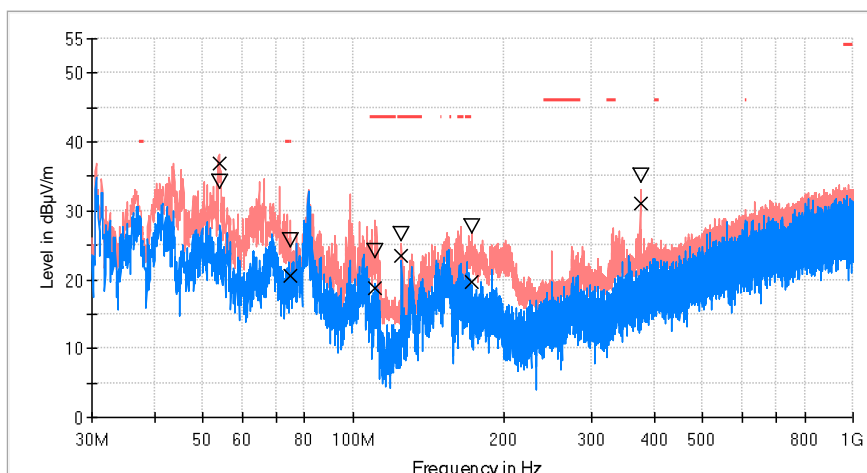
Frequency range 1 GHz – 40 GHz

The results and plots below show the maximum measured levels in the 1- 40 GHz range.

FREQUENCY RANGE	30MHz – 1 GHz
-----------------	---------------

Middle Channel

RF_FCC_15.407_E Field_30MHz_1GHz



- PK+ _MAXH
- PK+ _CLRWR
- - - TX limits to Spurious Emission FCC15.407 (30MHz to 1GHz) Restricted Bands QPK Limit
- v MaxPeak-PK+ (Single)
- x QuasiPeak-QPK (Single)

Maximizations

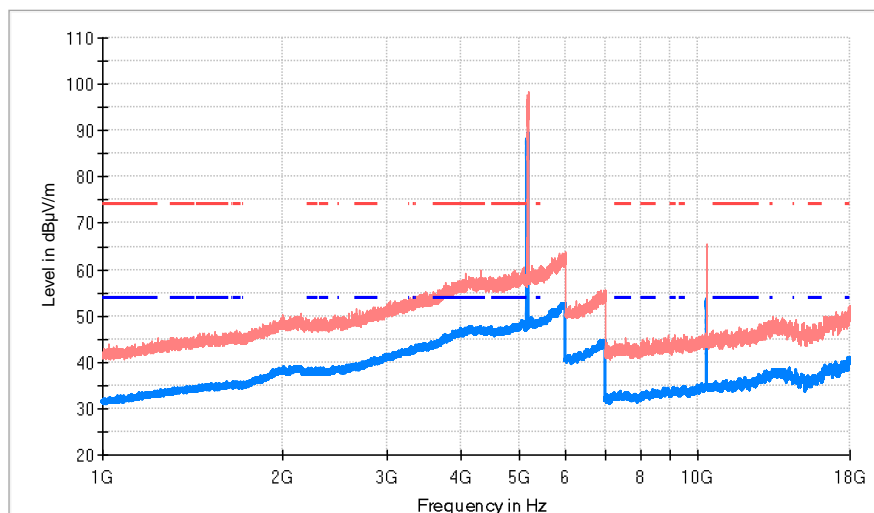
Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Azimuth (deg)
53.910500	34.2	36.9	V	-123.0
74.911000	25.7	20.5	V	34.0
110.752500	24.2	18.8	H	-89.0
125.011500	26.7	23.6	V	180.0
172.299000	27.7	19.6	V	13.0
374.980500	35.1	31.1	H	90.0

TEST RESULTS (Cont.)

FREQUENCY RANGE

1 GHz – 18 GHz

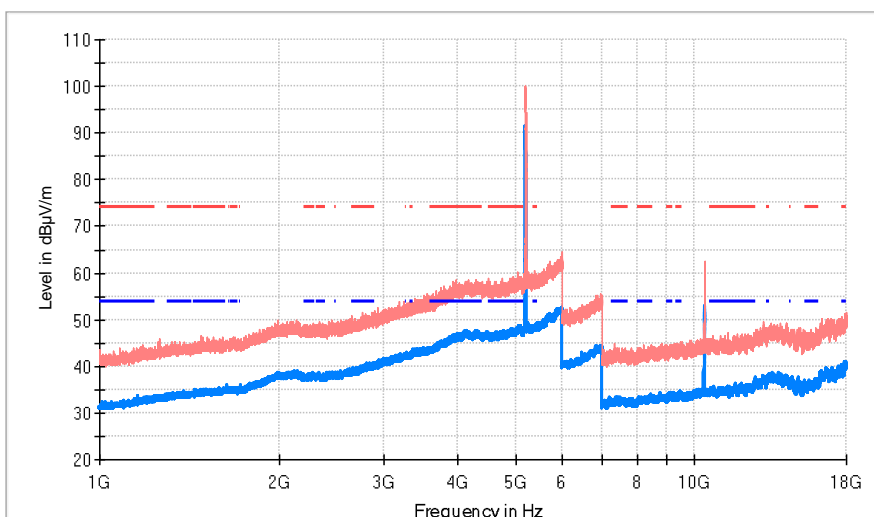
Lowest Channel



— AVG_MAXH
— PK+_MAXH
— TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
— TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comment
5180.909091	95.5	89.3	H	Fundamental
10365.272727	61.8	53.6	V	



— AVG_MAXH
— PK+_MAXH
— TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
— TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Middle Channel

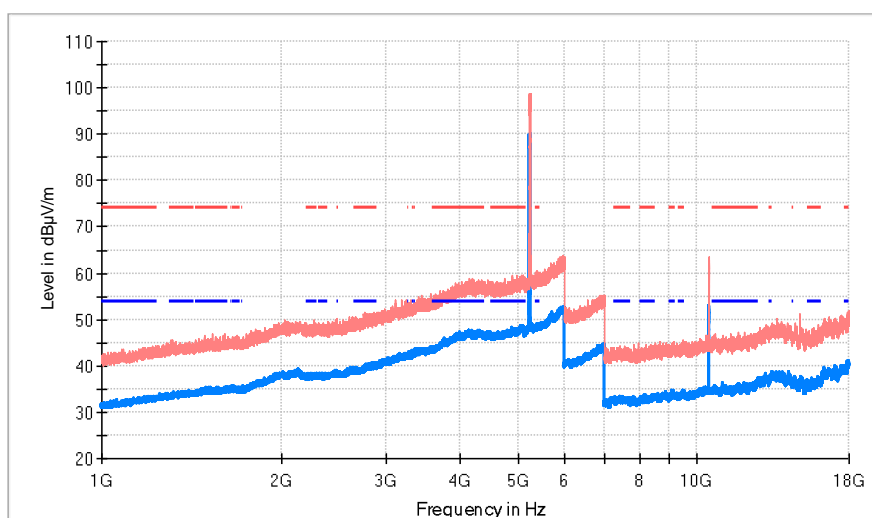
TEST RESULTS (Cont.)

FREQUENCY RANGE 1 – 18 GHz

Maximizations

Frequency (MHz)	PK+ _MAXH (dBμV/m)	AVG _MAXH (dBμV/m)	Pol	Comment
5201.363636	100.2	90.5	H	Fundamental
10401.818182	62.4	50.5	H	

Highest Channel



— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

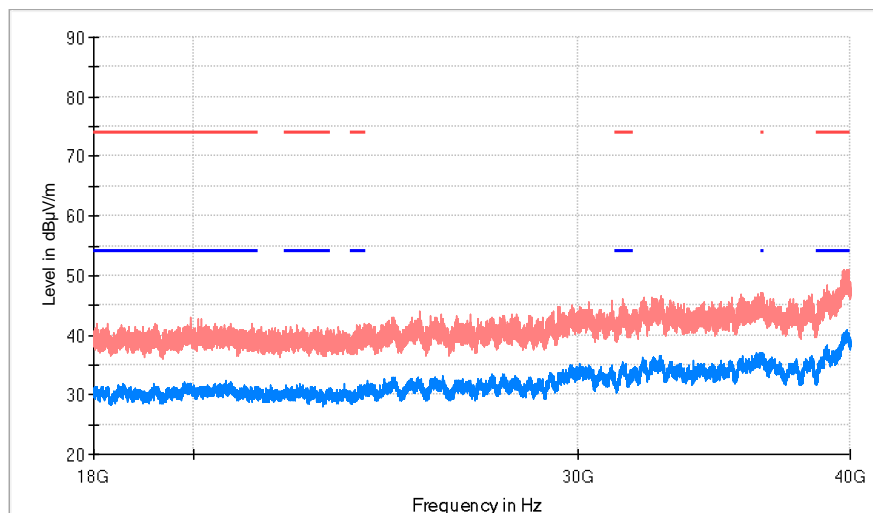
Maximizations

Frequency (MHz)	PK+ _MAXH (dBμV/m)	AVG _MAXH (dBμV/m)	Pol	Comment
5242.500000	98.8	89.1	H	Fundamental
10475.454546	63.4	52.8	V	

TEST RESULTS (Cont.)

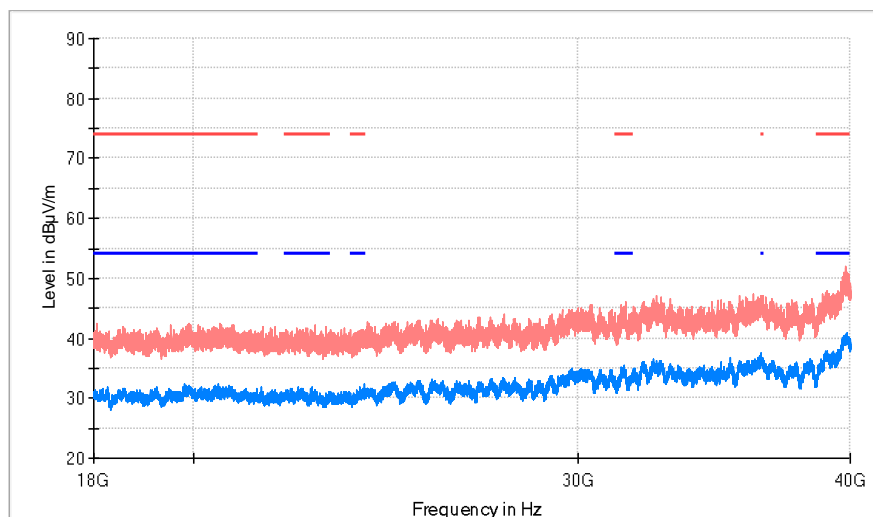
FREQUENCY RANGE 18 – 40 GHz

Lowest Channel

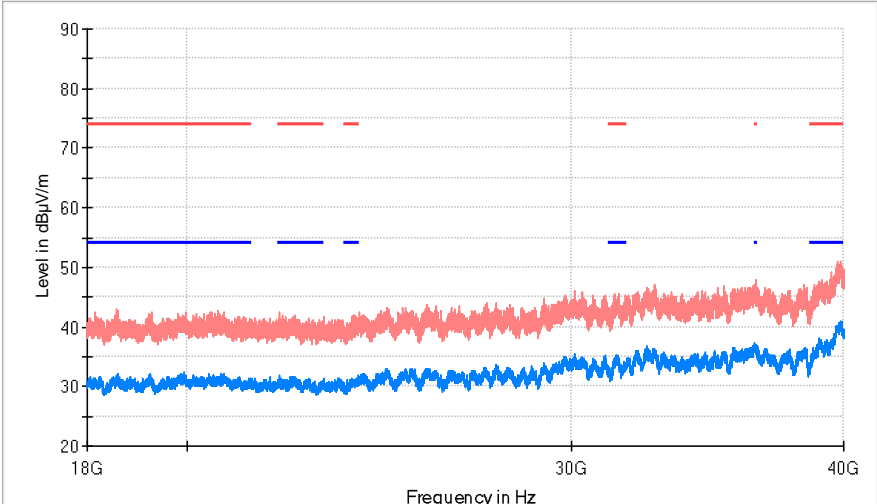


— AVG_MAXH
— PK+_MAXH
— TXlimits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
— TXlimits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Middle Channel

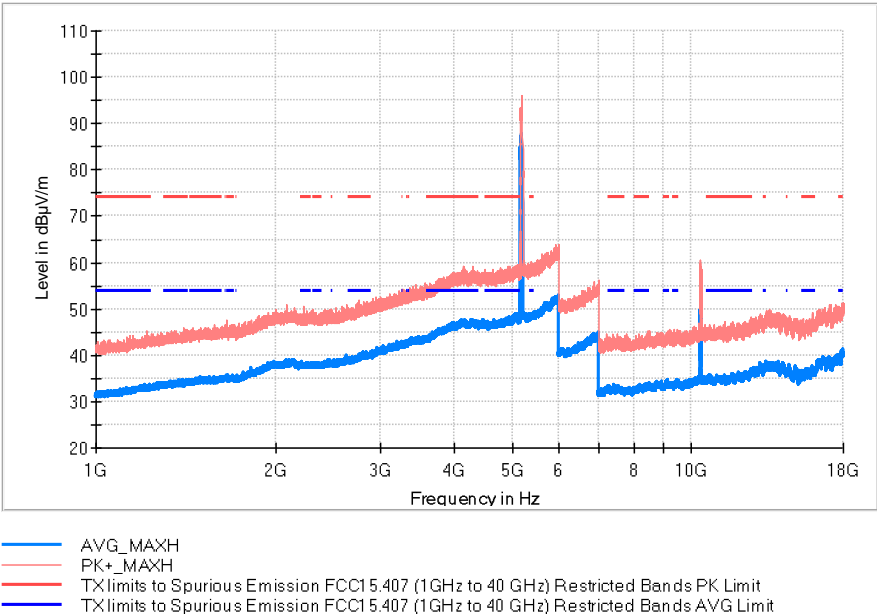


— AVG_MAXH
— PK+_MAXH
— TXlimits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
— TXlimits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

TEST RESULTS (Cont.)	FREQUENCY RANGE 18 – 40 GHz
<p>Highest Channel</p> <div data-bbox="355 427 1236 1041">  <p> — AVG_ MAXH — PK+ MAXH --- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit --- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit </p> </div>	
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#02 (n40 mode chip2 MIMO)
TEST RESULTS:	PASS
<p>Frequency range 1 GHz – 40 GHz The results and plots below show the maximum measured levels in the 1- 40 GHz range.</p>	

TEST RESULTS (Cont.)	
FREQUENCY RANGE	1 GHz – 18 GHz

Lowest Channel



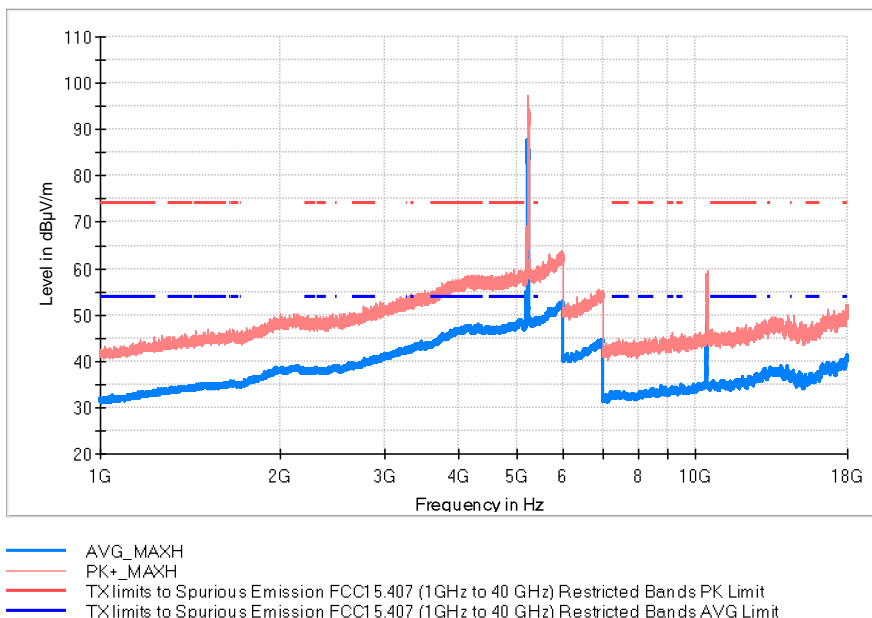
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment

TEST RESULTS (Cont.)

1 GHz – 18 GHz

Highest Channel

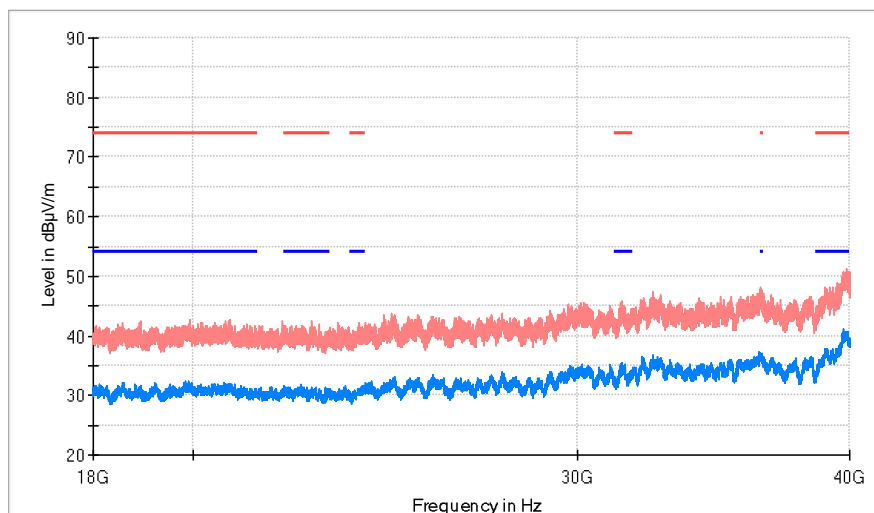


Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5232.045455	97.3	87.4	H	Fundamental
10460.727273	59.6	48.7	V	

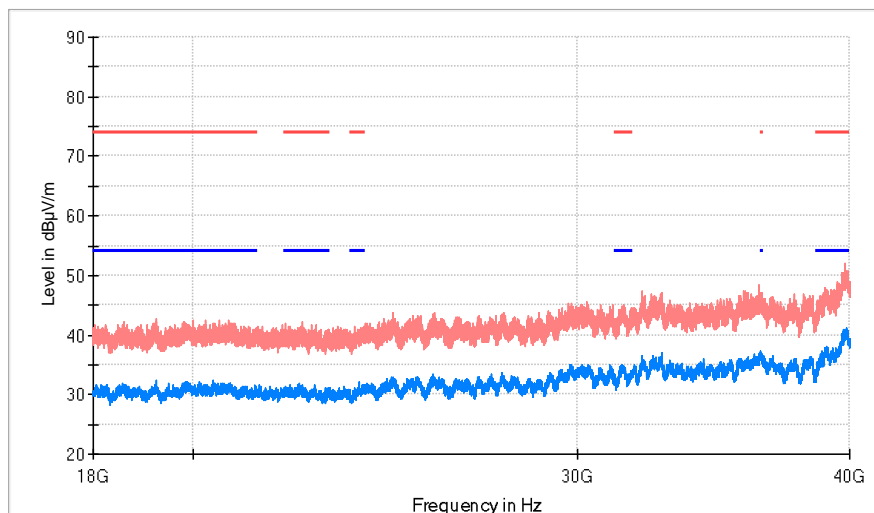
TEST RESULTS (Cont.)	
FREQUENCY RANGE	18 GHz – 40 GHz

Lowest Channel



— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Highest Channel



— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

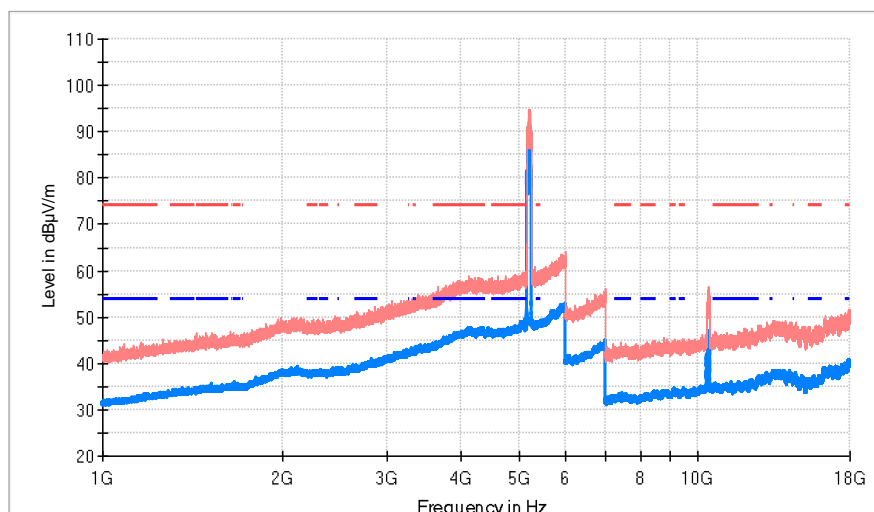
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (ac80 mode chip2 MIMO)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

The results and plots below show the maximum measured levels in the 1- 40 GHz range.

FREQUENCY RANGE	1 GHz – 18 GHz
-----------------	----------------

Middle Channel



— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

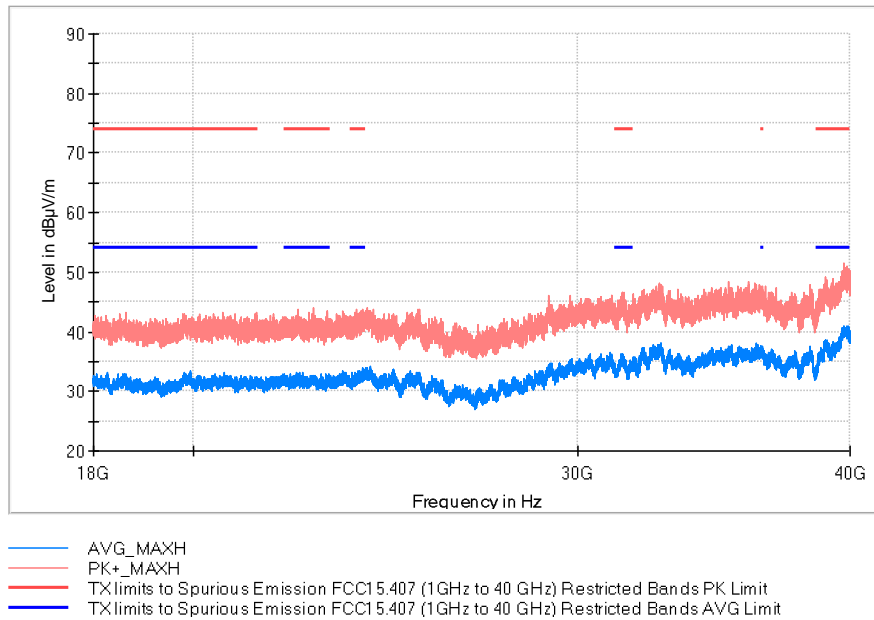
Maximizations

Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comment
5215.227273	75.4	65.3	H	Fundamental

FREQUENCY RANGE

18 GHz – 40 GHz

Middle Channel



Appendix C: Test results

5.725 GHz – 5.850 GHz Band

Appendix C Content

DESCRIPTION OF TEST CONDITIONS 229

TEST C.1: 26DB EMISSION BANDWIDTH AND OCCUPIED BANDWIDTH 231

TEST C.2: 6DB BANDWIDTH..... 314

TEST C.3: POWER LIMITS. MAXIMUM OUTPUT POWER 356

TEST C.4: POWER SPECTRAL DENSITY 385

TEST C.5: BAND-EDGE RADIATED EMISSIONS COMPLIANCE (TRANSMITTER) 426

TEST C.6: UNDESIRABLE RADIATED EMISSIONS (TRANSMITTER) 456

DESCRIPTION OF TEST CONDITIONS

TEST CONDITIONS	DESCRIPTION
TC#01 ⁽¹⁾ (a mode)	<p><u>Power supply (V):</u> $V_{\text{nominal}} = 13.5 \text{ Vdc}$</p> <p><u>Channel Bandwidth:</u> 20 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests (Port 2 Chip 1 SISO, Port 4 Chip 2 SISO):</u></p> <p>Lowest range: 5745 MHz Middle channel: 5785 MHz Highest range: 5825 MHz</p>
TC#02 ⁽¹⁾ (n mode)	<p><u>Power supply (V):</u> $V_{\text{nominal}} = 13.5 \text{ Vdc}$</p> <p><u>Channel Bandwidth:</u> 20 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests (Port 2 Chip 1 SISO, Port 4 Chip 2 SISO, Port 1 & 2 Chip 1 MIMO, Port 3 & 4 Chip 2 MIMO):</u></p> <p>Lowest channel: 5745 MHz Middle channel: 5785 MHz Highest channel: 5825 MHz</p> <p><u>Channel Bandwidth:</u> 40 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests (Port 2 Chip 1 SISO, Port 4 Chip 2 SISO, Port 1 & 2 Chip 1 MIMO, Port 3 & 4 Chip 2 MIMO):</u></p> <p>Lowest channel: 5755 MHz Highest channel: 5795 MHz</p>

TEST CONDITIONS	DESCRIPTION
TC#03 ⁽¹⁾ (ac mode)	<p><u>Power supply (V):</u> $V_{\text{nominal}} = 13.5 \text{ Vdc}$</p> <p><u>Channel Bandwidth: 20 MHz</u></p> <p><u>Test Frequencies for Conducted/Radiated tests (Port 2 Chip 1 SISO, Port 4 Chip 2 SISO, Port 1 & 2 Chip 1 MIMO, Port 3 & 4 Chip 2 MIMO):</u></p> <p>Lowest channel: 5745 MHz Middle channel: 5785 MHz Highest channel: 5825 MHz</p> <p><u>Channel Bandwidth: 40 MHz</u></p> <p><u>Test Frequencies for Conducted/Radiated tests (Port 2 Chip 1 SISO, Port 4 Chip 2 SISO, Port 1 & 2 Chip 1 MIMO, Port 3 & 4 Chip 2 MIMO):</u></p> <p>Lowest channel: 5755 MHz Highest channel: 5795 MHz</p> <p><u>Channel Bandwidth: 80 MHz</u></p> <p><u>Test Frequencies for Conducted/Radiated tests (Port 2 Chip 1 SISO, Port 4 Chip 2 SISO, Port 1 & 2 Chip 1 MIMO, Port 3 & 4 Chip 2 MIMO):</u></p> <p>Lowest channel: 5775</p>

Note (1): For spurious emissions for OFDM modes 802.11a(WLAN1) for SISO, 802.11n20 (WLAN0) for SISO, 802.11n40(WLAN1 & WLAN0) for SISO, 802.11ac80(WLAN1 & WLAN 0) for SISO and 802.11a(WLAN1) for MIMO, 802.11n20(WLAN0) for MIMO ,802.11n40(WLAN1 & WLAN0) for MIMO and 802.11ac80(WLAN1 & WLAN 0) for MIMO a preliminary scan was performed to determine the worst case.

The data rates of 6 Mbps for 802.11a,MCS0 for 802.11n20/n40(SISO), MCS8 for 802.11n20/n40(MIMO) and MCS 0 for 802.11ac20/ac40/ac80(SISO&MIMO) were selected based on preliminary testing that identified those rates corresponding to the worst cases.

TEST C.1: 26DB EMISSION BANDWIDTH AND OCCUPIED BANDWIDTH

LIMITS:

Product
standard:

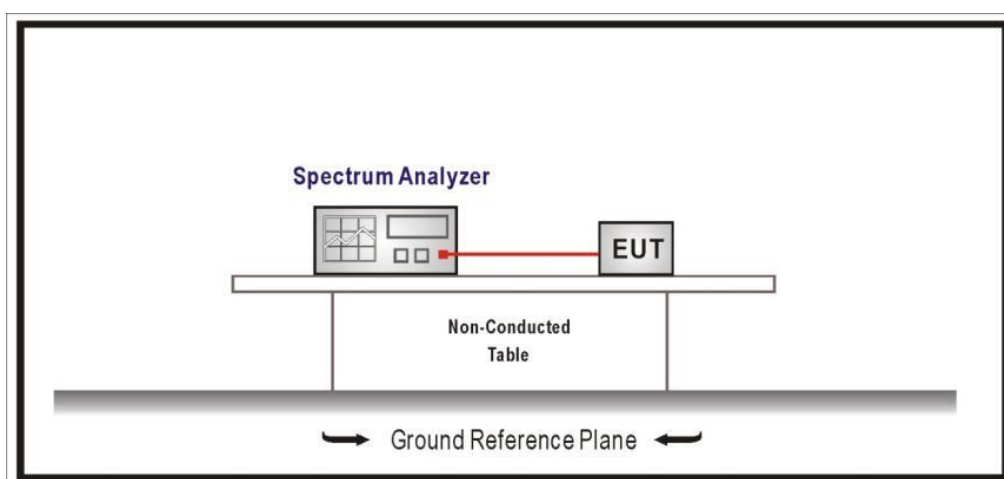
Part 15 Subpart C §15.403 and RSS-247

Test standard:

Part 15 Subpart C §15.403 and RSS-247 6.2.4

No requirements requested

TEST SETUP:



TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#01 (a mode Chip 1 SISO)

TEST RESULTS:

PASS

Port 2

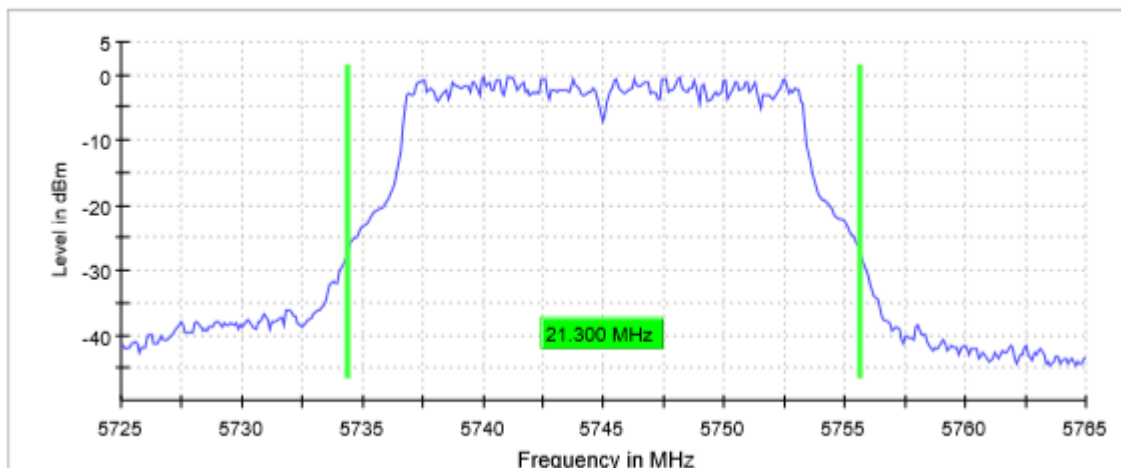
Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5745 MHz	5785 MHz	5825 MHz
26dB Bandwidth (MHz)	21.300	21.100	21.100
Occupied bandwidth (MHz)	16.600	16.500	16.500
Measurement uncertainty (kHz)	<± 8.33		

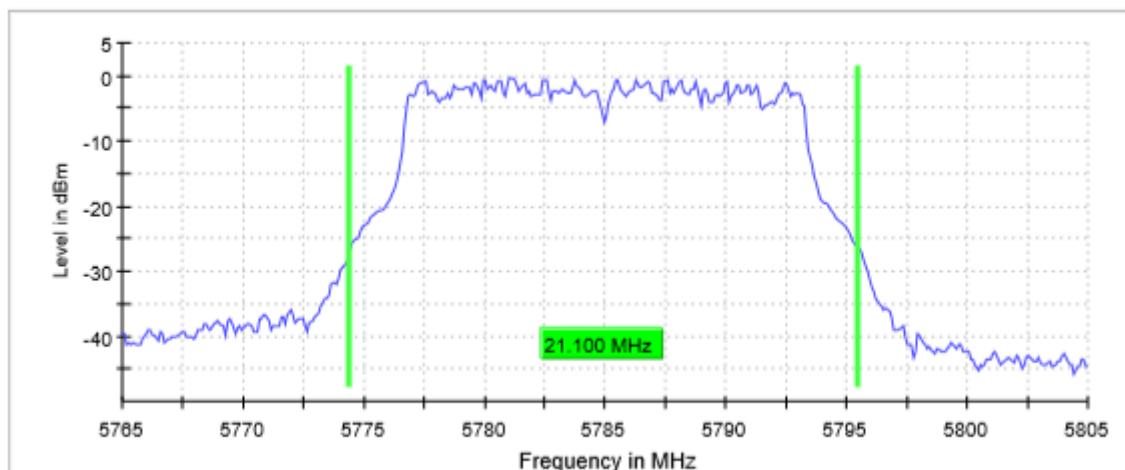
TEST RESULTS (Cont.):

26 dB BANDWIDTH

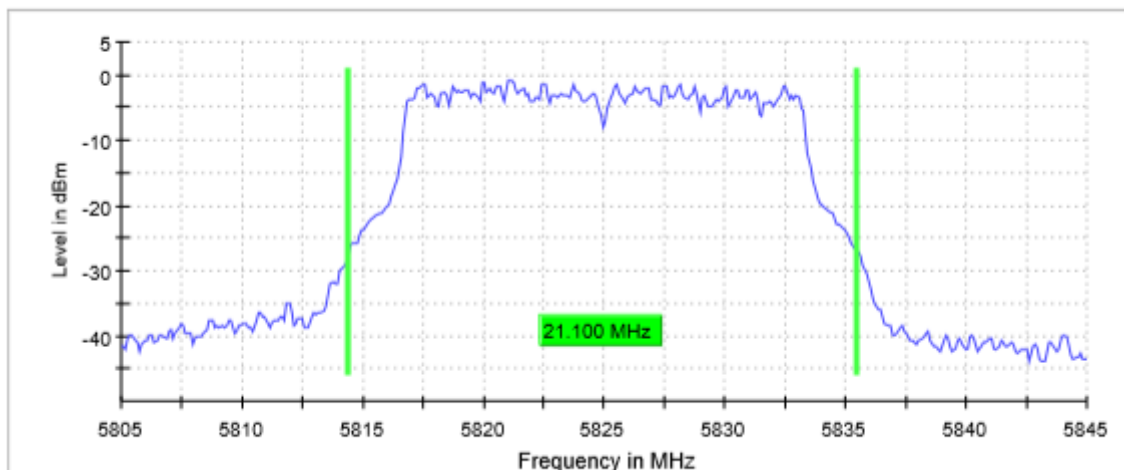
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

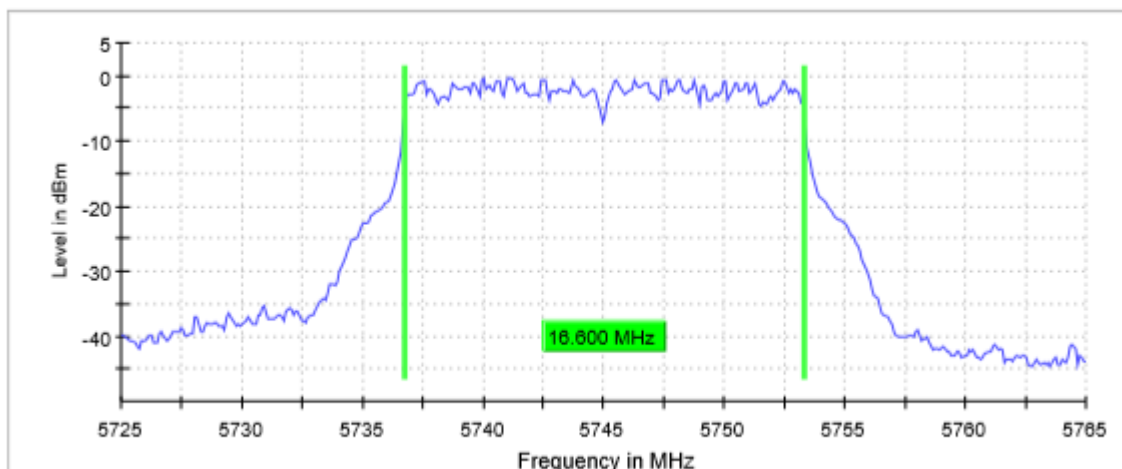
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	Off	Off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	31 / max. 150	20 / max. 150	21 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.02 dB	0.07 dB	0.09 dB

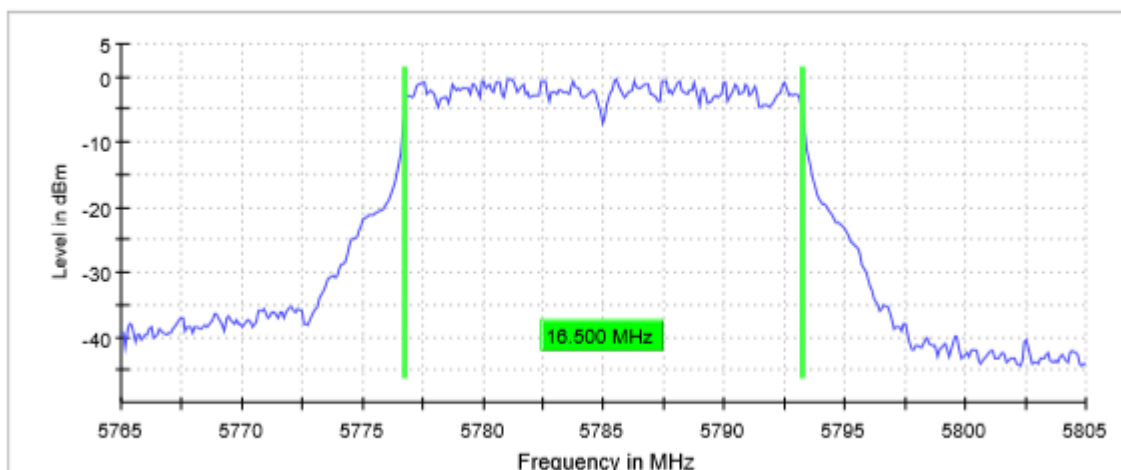
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

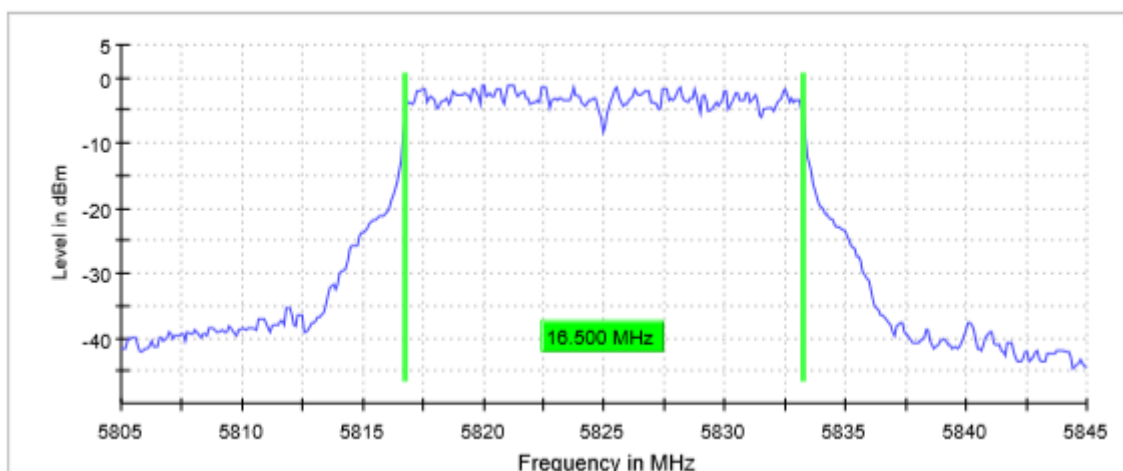
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamp	off	off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	25 / max. 150	29 / max. 150	22 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.11 dB	0.13 dB	0.23 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#01 (a mode Chip 2 SISO)

TEST RESULTS:

PASS

Port 4

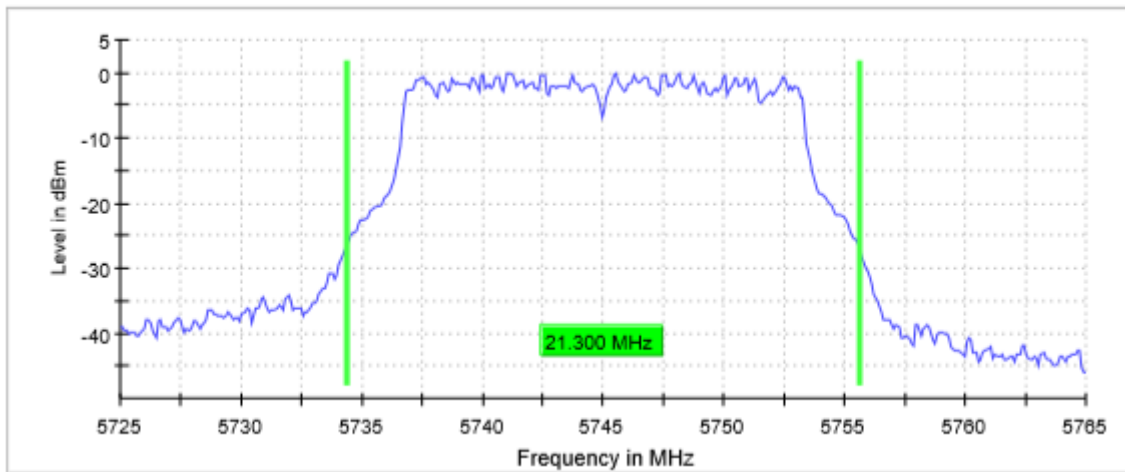
Bandwidth: 20 MHz

	Lowest frequency 5745 MHz	Middle frequency 5785 MHz	Highest frequency 5825 MHz
26dB Bandwidth (MHz)	21.300	21.200	21.200
Occupied bandwidth (MHz)	16.600	16.600	16.600
Measurement uncertainty (kHz)	< \pm 8.33		

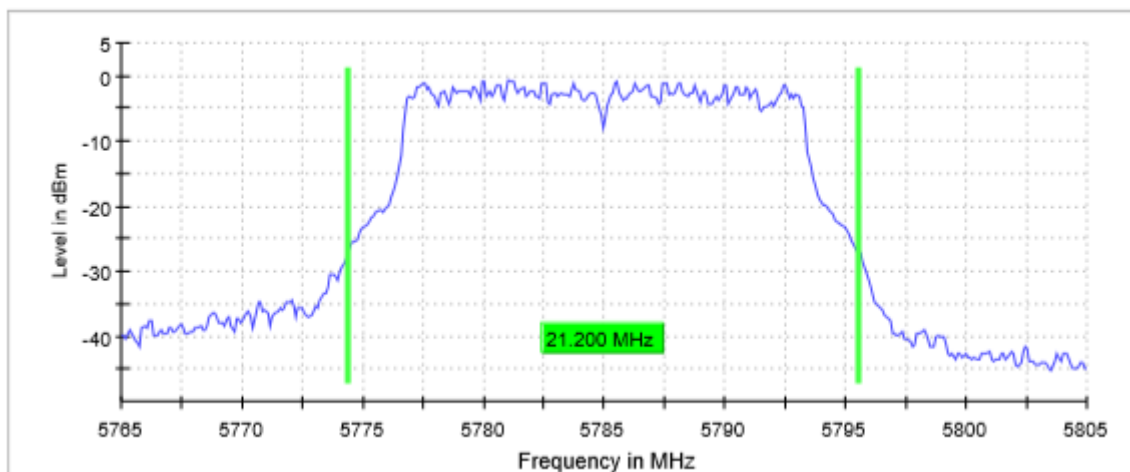
TEST RESULTS (Cont.):

26 dB BANDWIDTH

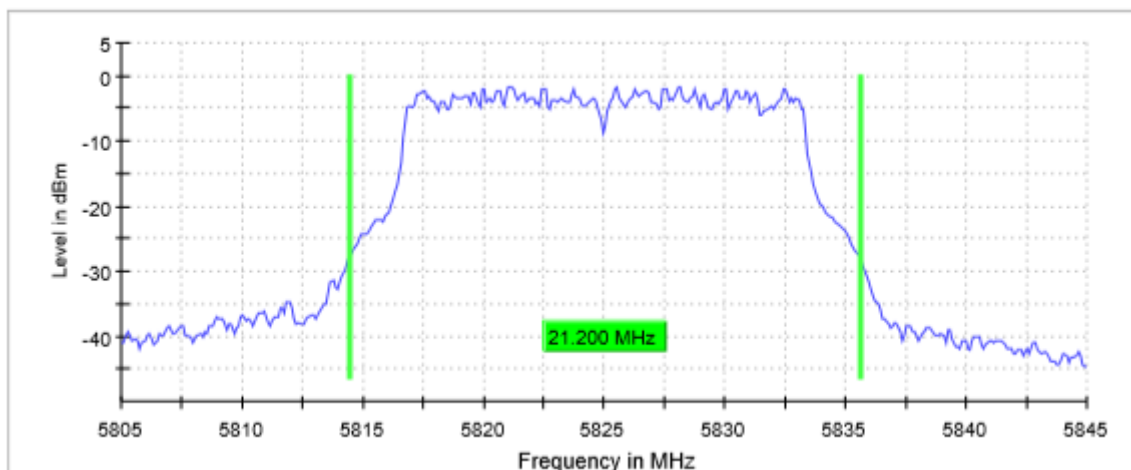
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

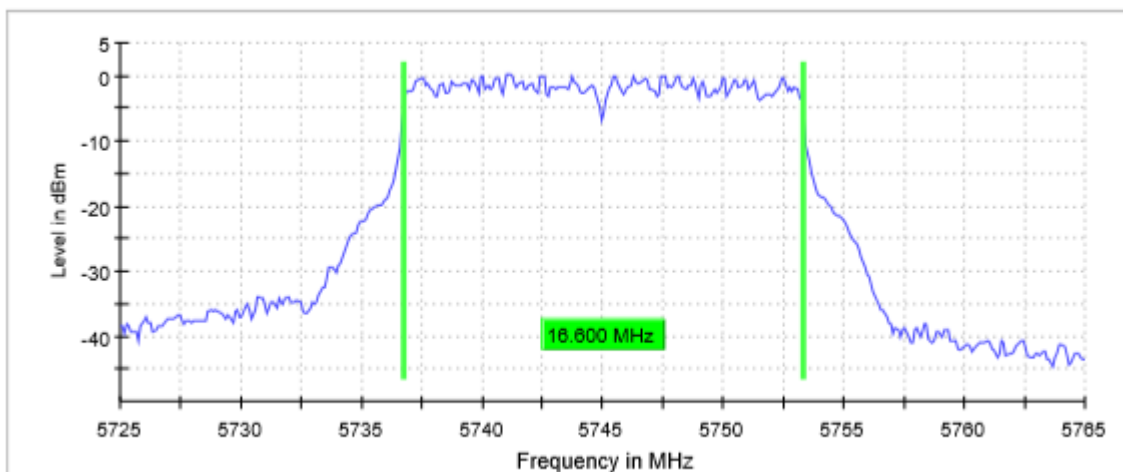
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	20.000 dBm	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB	40.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamp	Off	Off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	20 / max. 150	22 / max. 150	18 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.11 dB	0.13 dB	0.20 dB

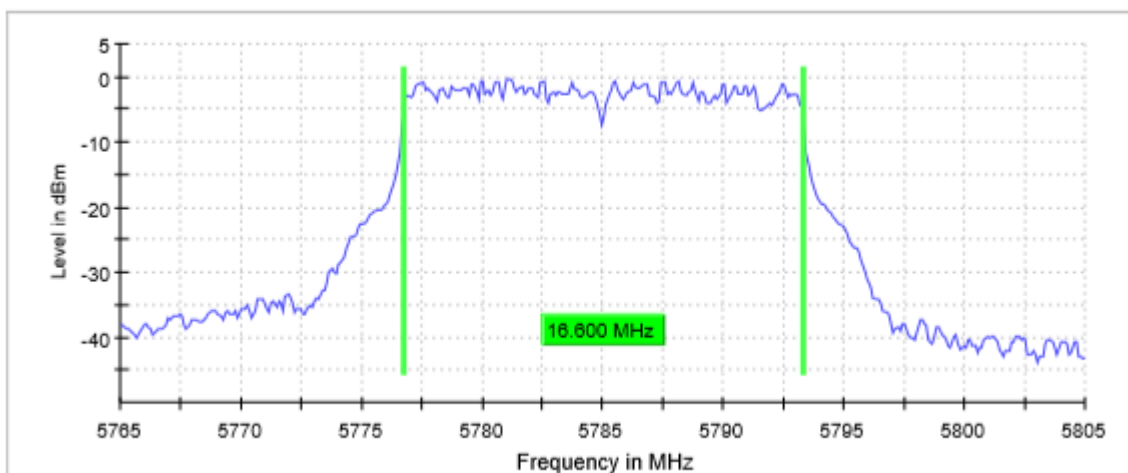
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

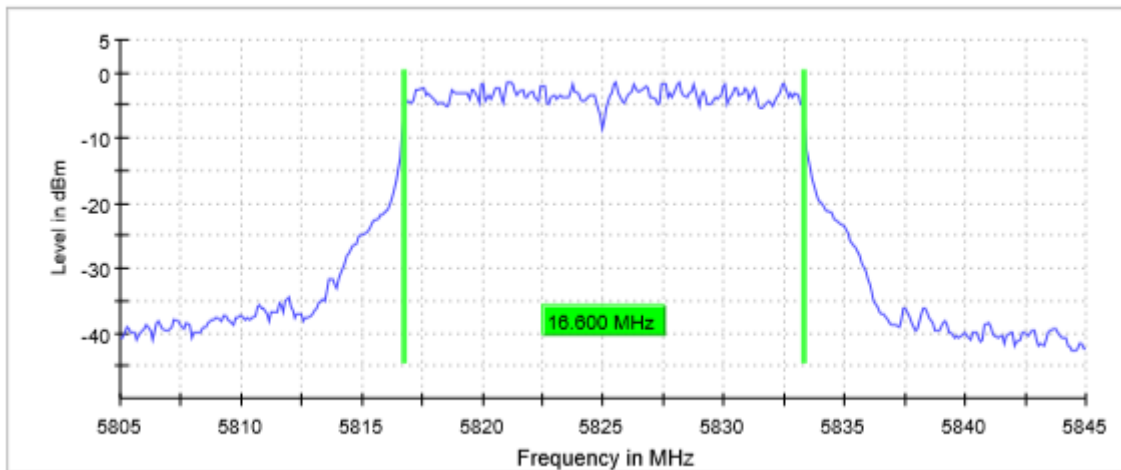
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	Off	off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	28 / max. 150	22 / max. 150	19 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.18 dB	0.05 dB	0.02 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02 (n20 mode Chip 1 SISO)

TEST RESULTS:

PASS

Port 2

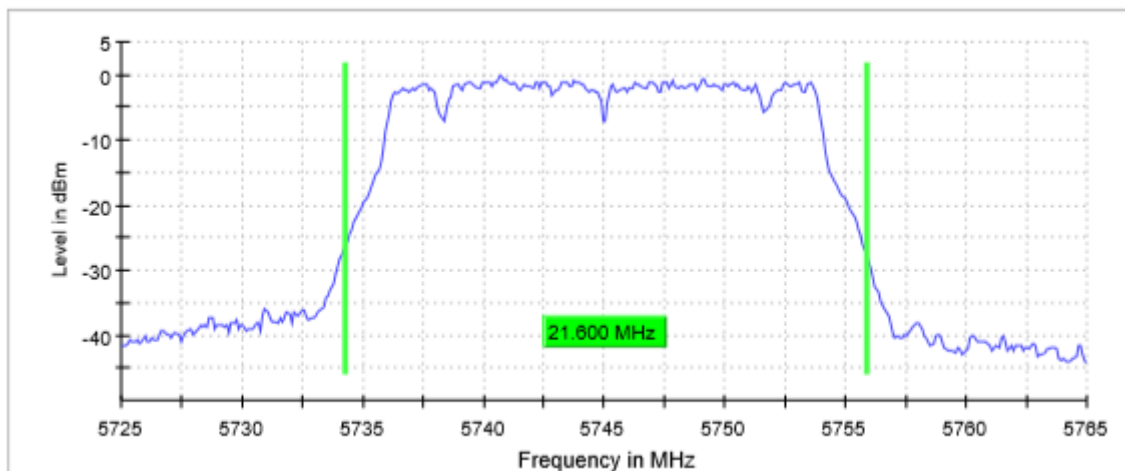
Bandwidth: 20 MHz

	Lowest frequency 5745 MHz	Middle frequency 5785 MHz	Highest frequency 5825 MHz
26dB Bandwidth (MHz)	21.600	21.800	21.700
Occupied bandwidth (MHz)	17.900	17.900	17.900
Measurement uncertainty (kHz)	< \pm 8.33		

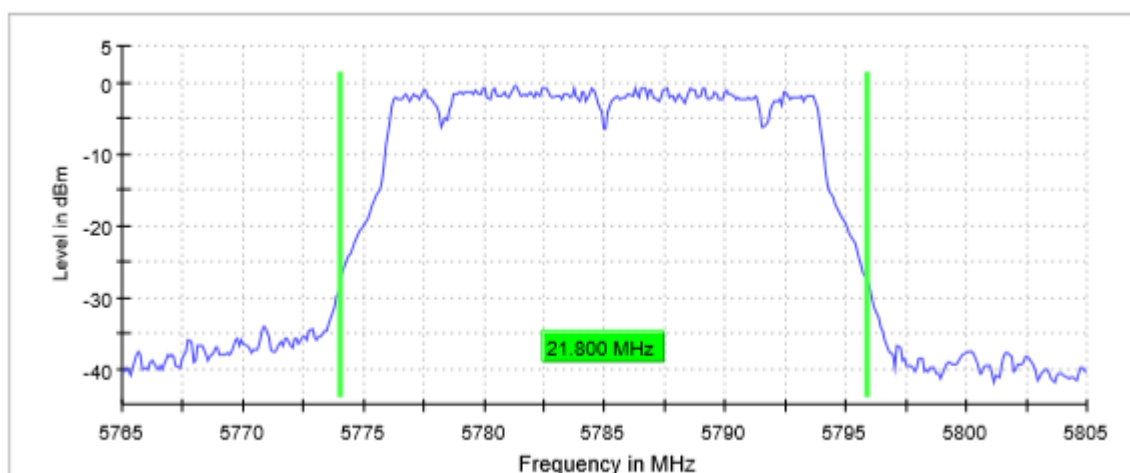
TEST RESULTS (Cont.):

26 dB BANDWIDTH

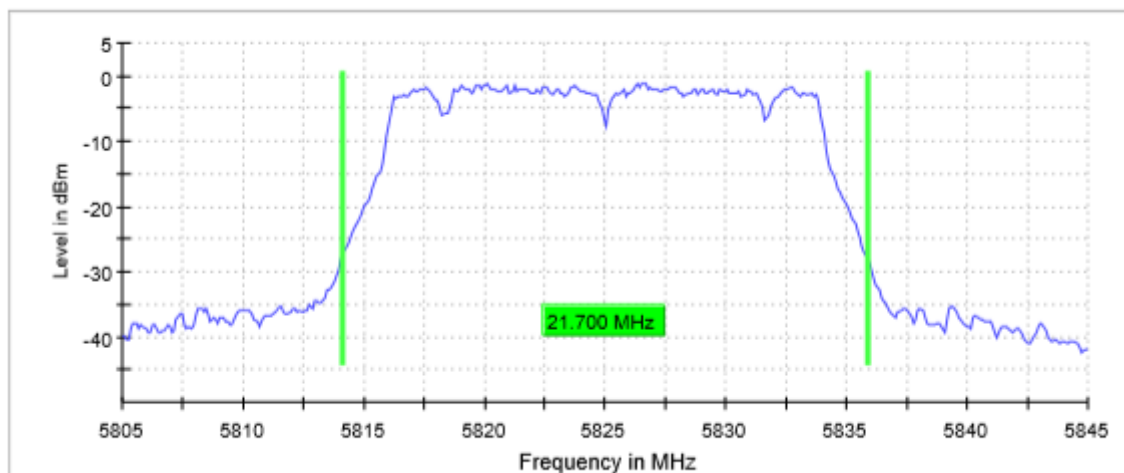
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

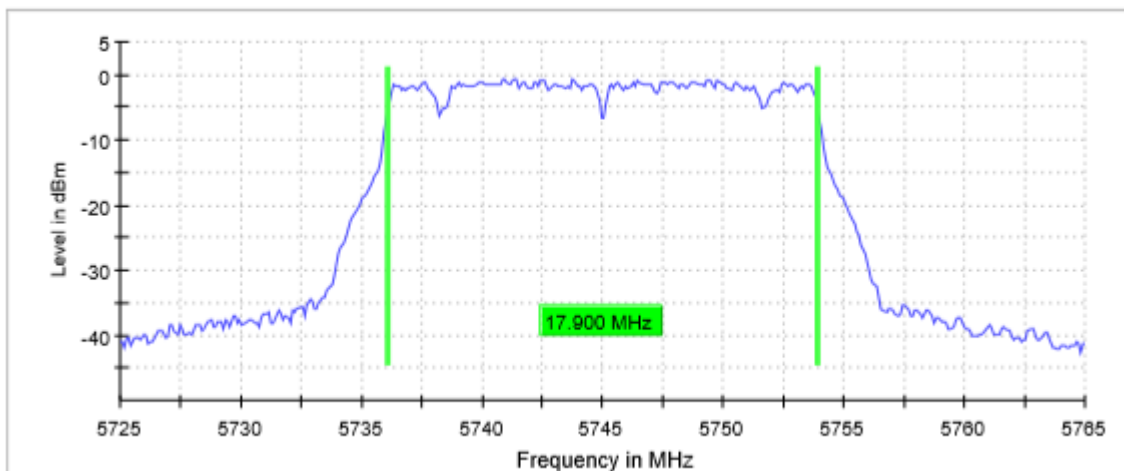
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	0.000 dBm
Attenuation	30.000 dB	30.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamplifier	Off	Off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	74 / max. 150	49 / max. 150	87 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.21 dB	0.00 dB	0.00 dB

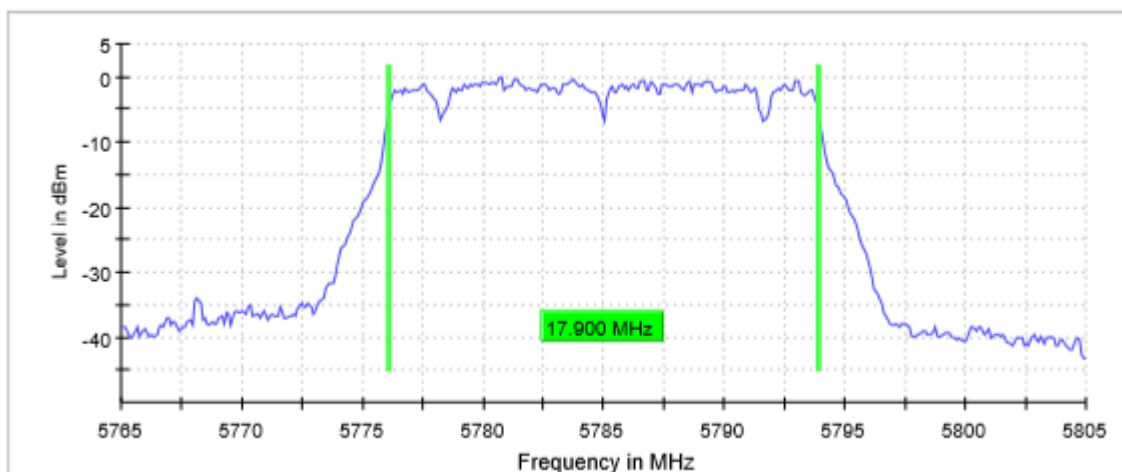
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

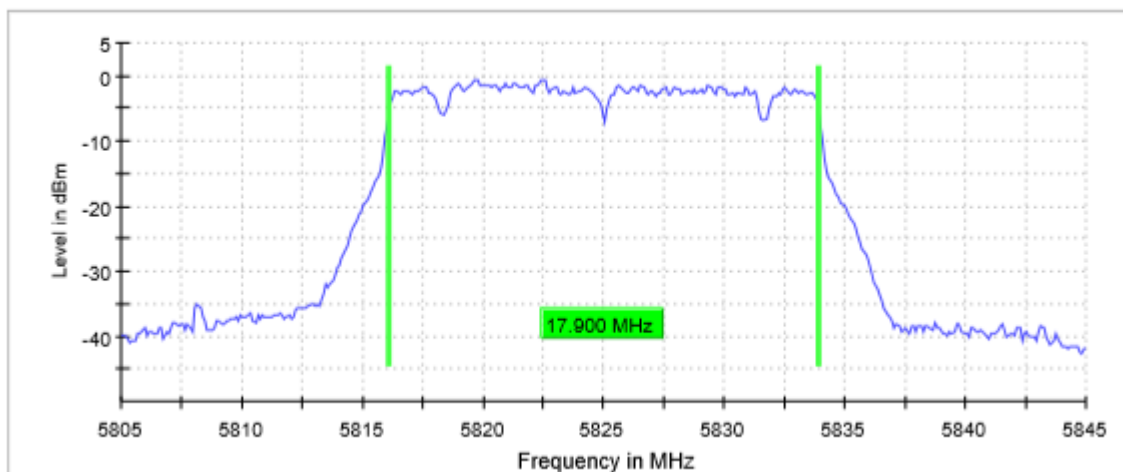
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
SweepTime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamp	Off	Off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	136 / max. 150	64 / max. 150	81 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.22 dB	0.00 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02 (n20 mode Chip 2 SISO)

TEST RESULTS:

PASS

Port 4

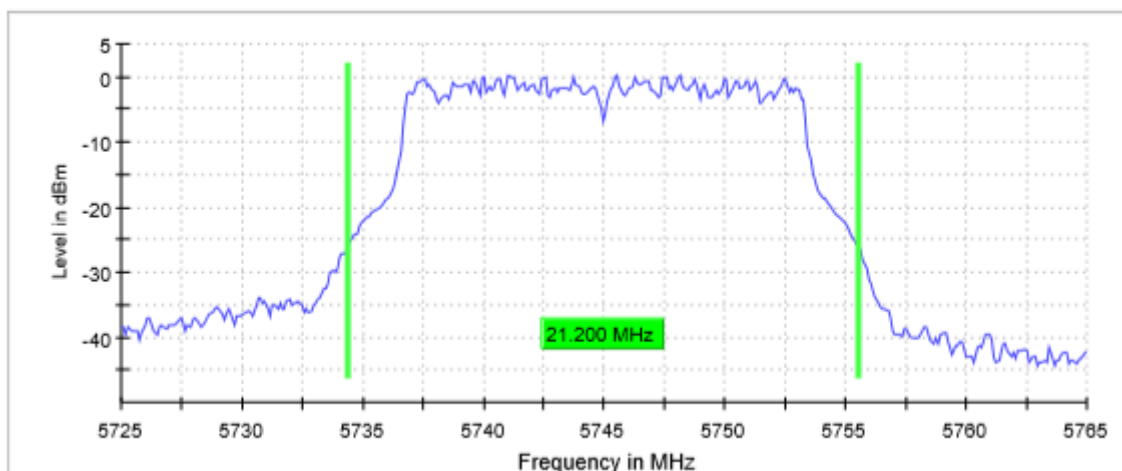
Bandwidth: 20 MHz

	Lowest frequency 5745 MHz	Middle frequency 5785 MHz	Highest frequency 5825 MHz
26dB Bandwidth (MHz)	21.200	21.100	21.200
Occupied bandwidth (MHz)	16.600	16.600	16.600
Measurement uncertainty (kHz)	< \pm 8.33		

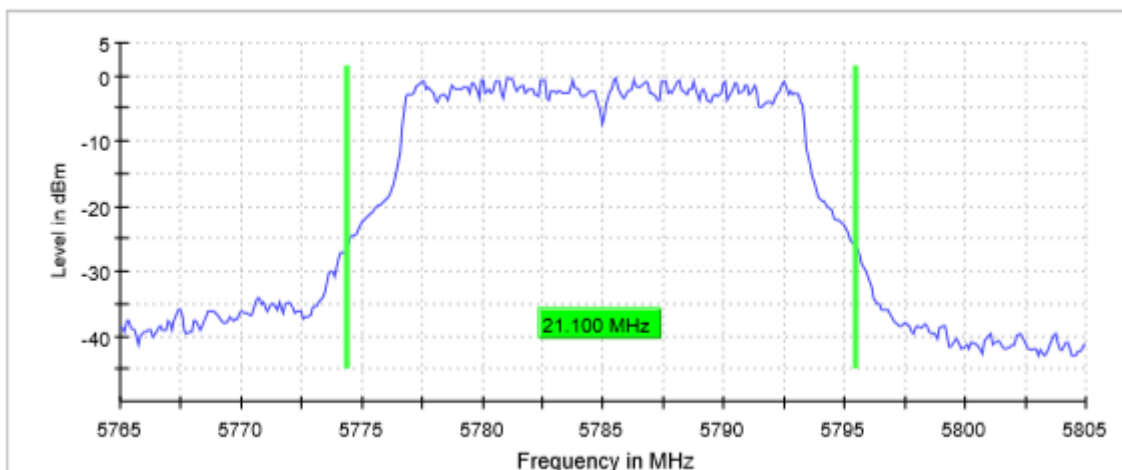
TEST RESULTS (Cont.):

26 dB BANDWIDTH

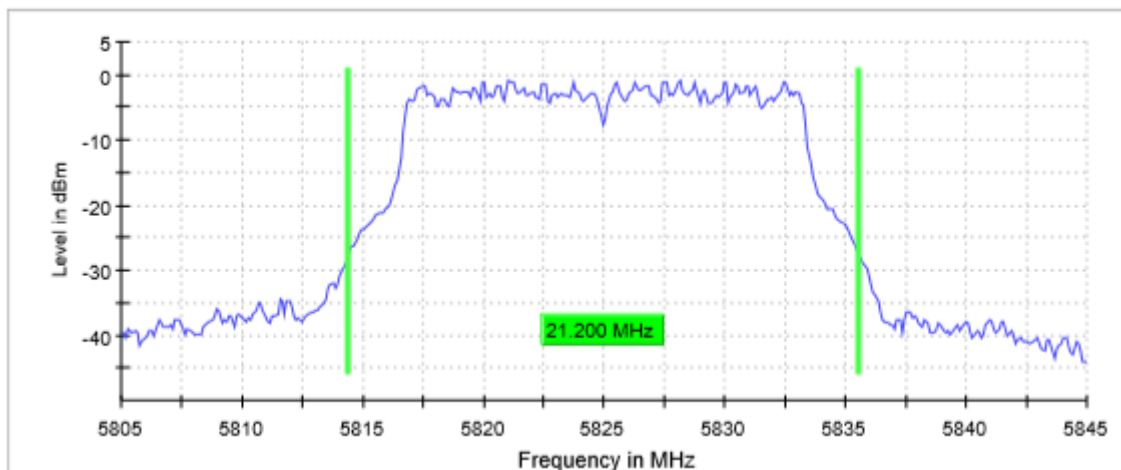
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

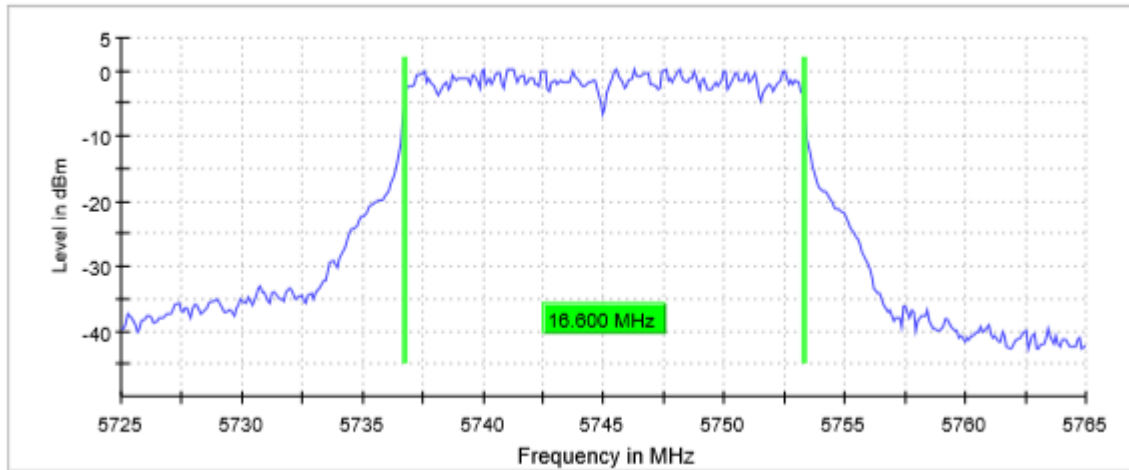
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	20.000 dBm	10.000 dBm	10.000 dBm
Attenuation	40.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamplifier	Off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	17 / max. 150	28 / max. 150	17 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.04 dB	0.09 dB	0.30 dB

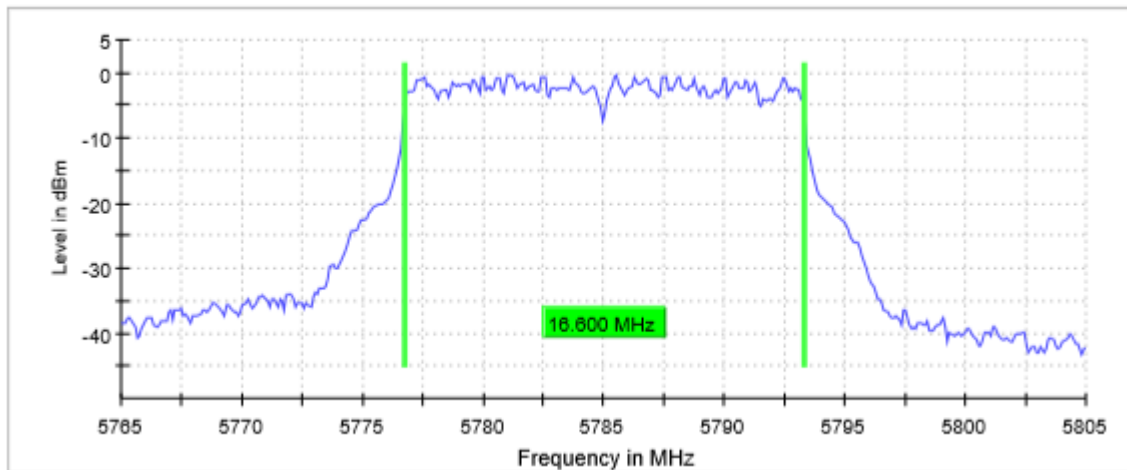
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

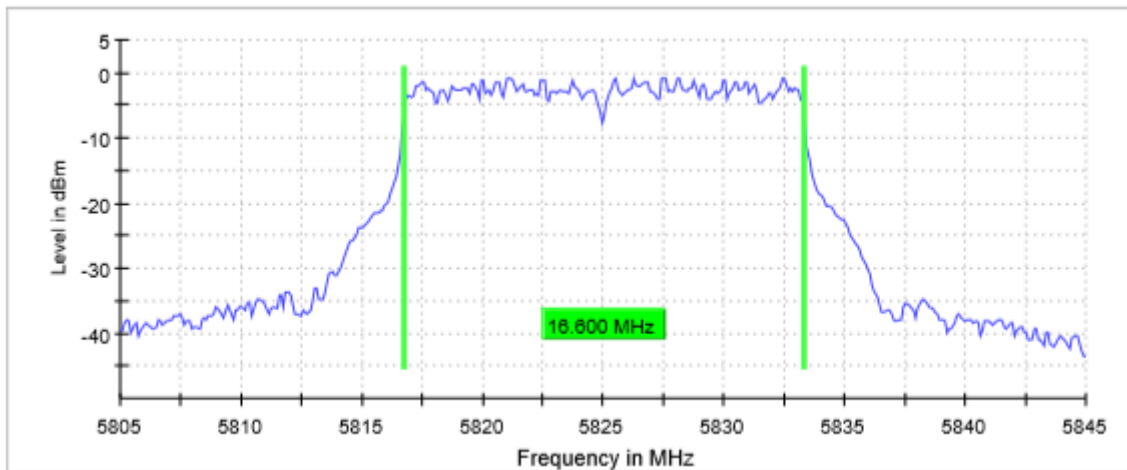
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
SweepTime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	28 / max. 150	36 / max. 150	25 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.02 dB	0.17 dB	0.06 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02 (n20 mode Chip 1 MIMO)

TEST RESULTS:

PASS

Port 1 & 2

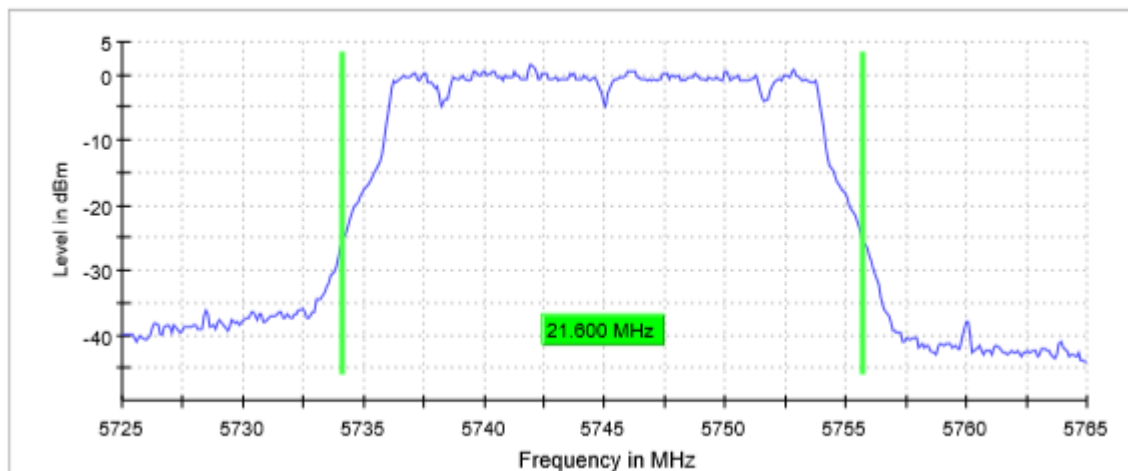
Bandwidth: 20 MHz

	Lowest frequency 5745 MHz	Middle frequency 5785 MHz	Highest frequency 5825 MHz
26dB Bandwidth (MHz)	21.600	21.500	21.600
Occupied bandwidth (MHz)	17.900	17.900	17.900
Measurement uncertainty (kHz)	< \pm 8.33		

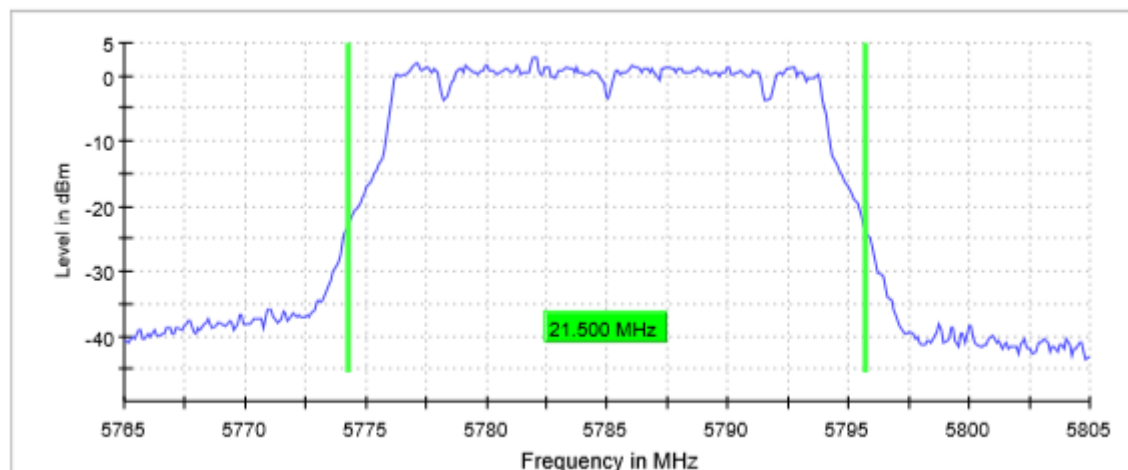
TEST RESULTS (Cont.):

26 dB BANDWIDTH

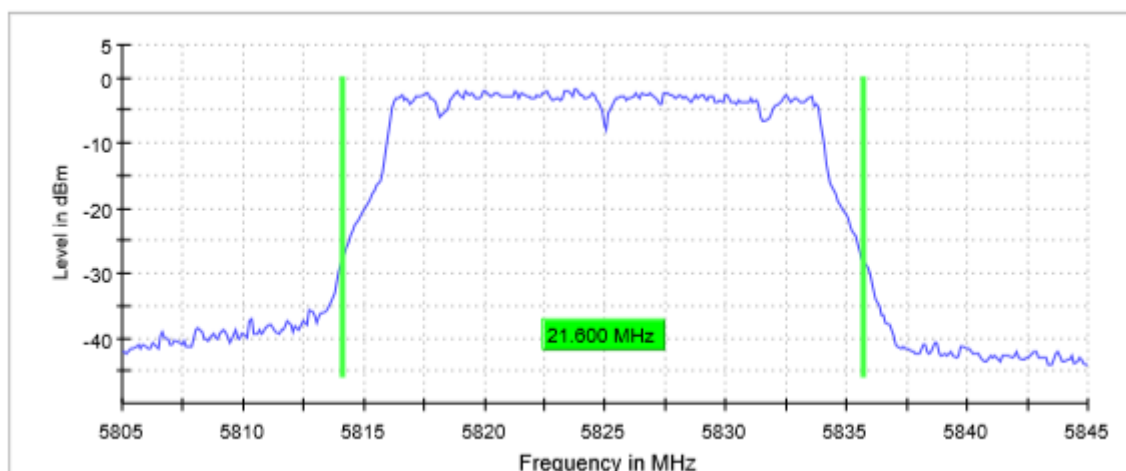
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

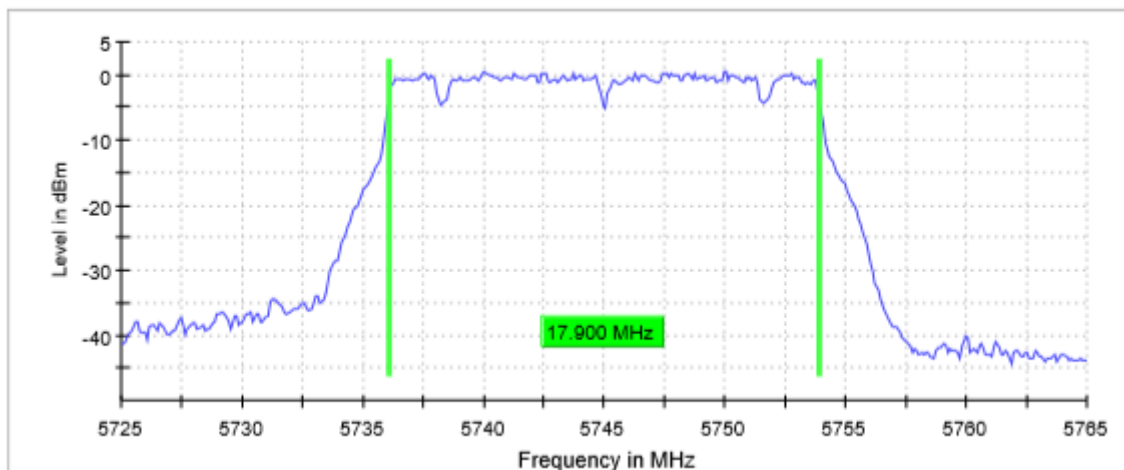
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 µs	28.477 µs	28.477 µs
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamp	Off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	89 / max. 150	85 / max. 150	88 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.05 dB

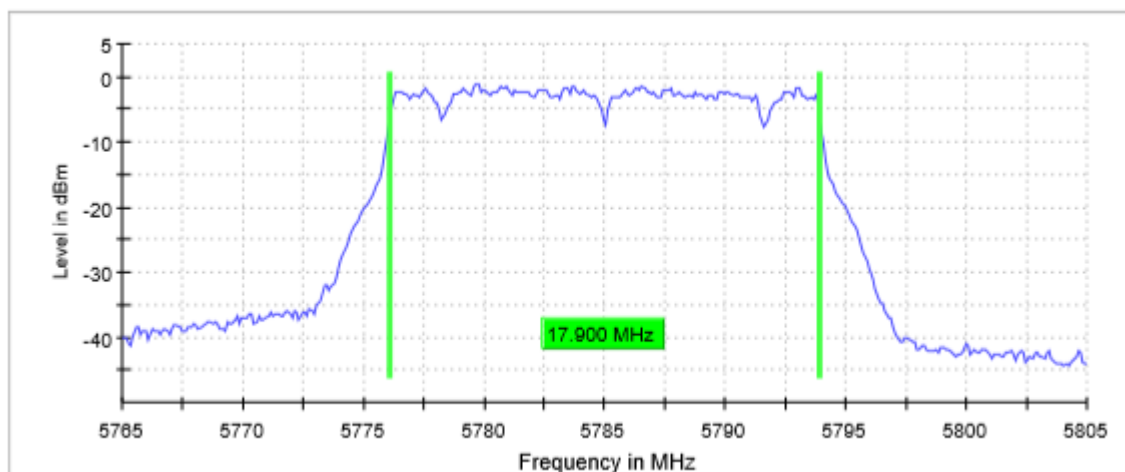
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

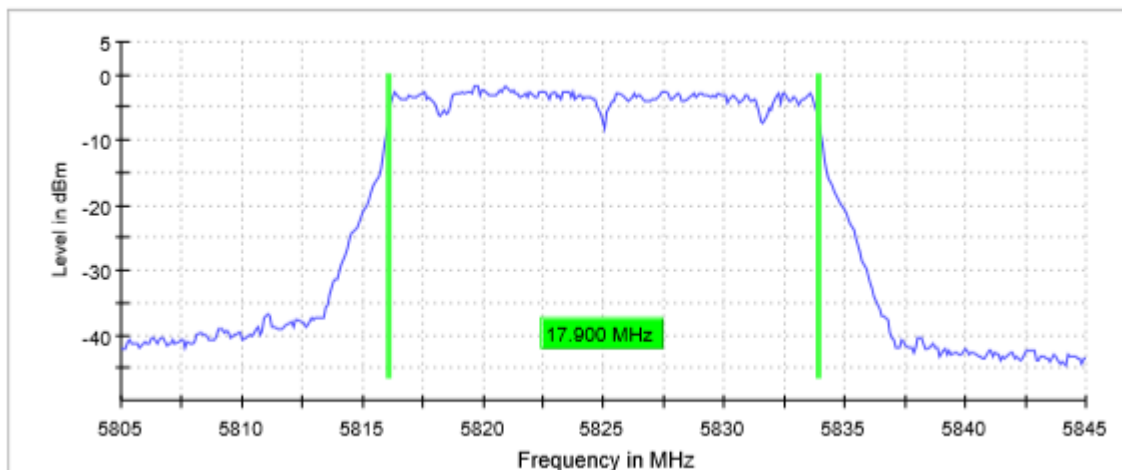
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	0.000 dBm	00.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	76 / max. 150	140 / max. 150	75 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.12 dB	0.00 dB	0.25 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02 (n20 mode Chip 2 MIMO)

TEST RESULTS:

PASS

Port 3 & 4

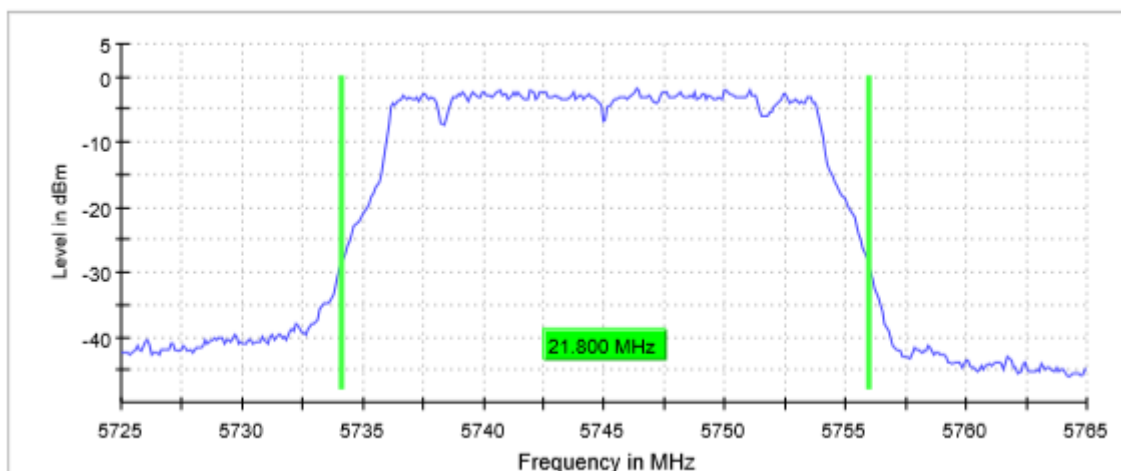
Bandwidth: 20 MHz

	Lowest frequency 5745 MHz	Middle frequency 5785 MHz	Highest frequency 5825 MHz
26dB Bandwidth (MHz)	21.800	21.800	21.700
Occupied bandwidth (MHz)	17.900	17.900	18.000
Measurement uncertainty (kHz)	< \pm 8.33		

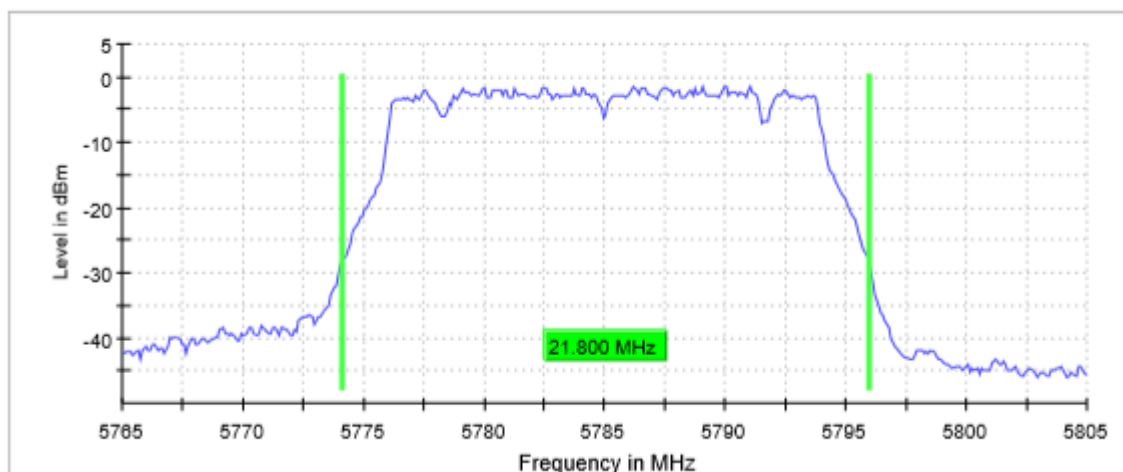
TEST RESULTS (Cont.):

26 dB BANDWIDTH

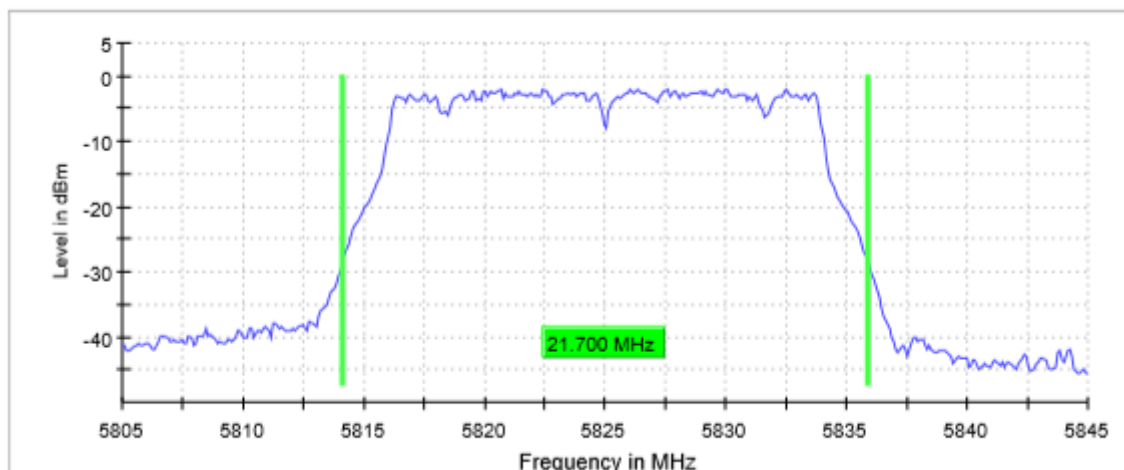
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

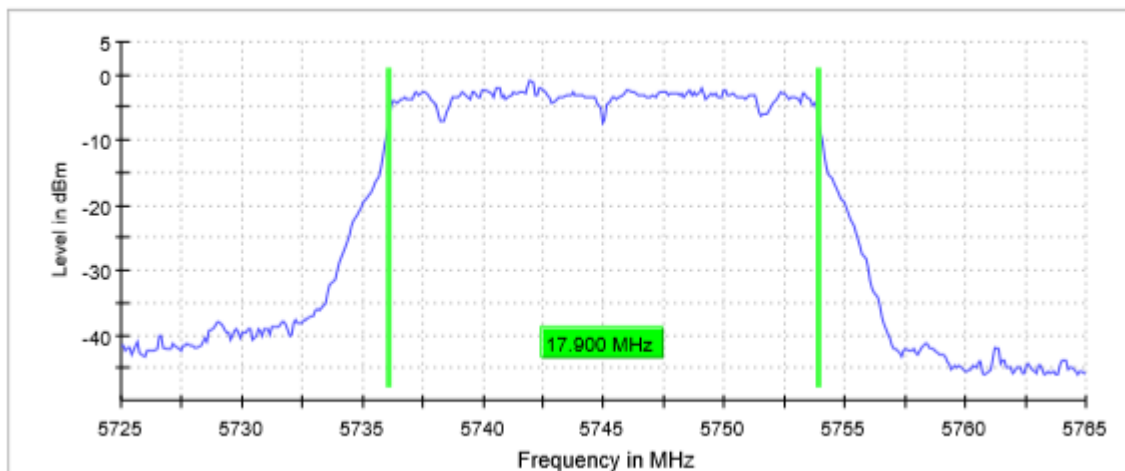
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamp	Off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	79 / max. 150	67 / max. 150	77 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.02 dB	0.16 dB	0.00 dB

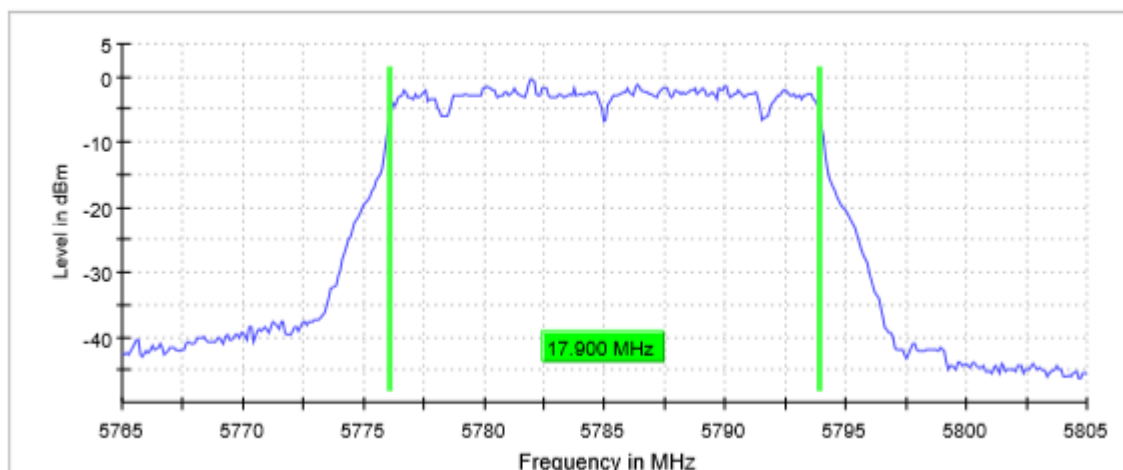
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

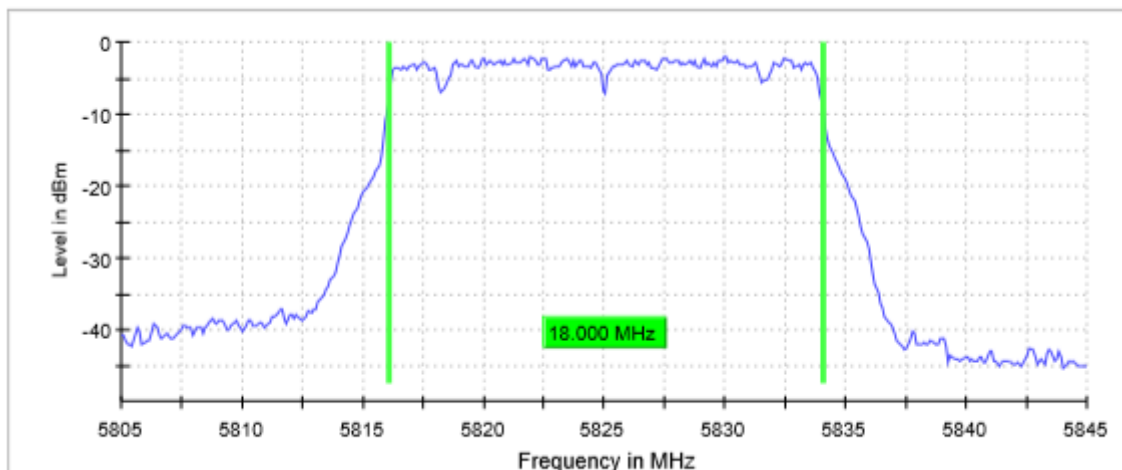
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
SweepTime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	104 / max. 150	98 / max. 150	108 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.06 dB	0.00 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02(n40 mode Chip 1 SISO)

TEST RESULTS:

PASS

Port 2

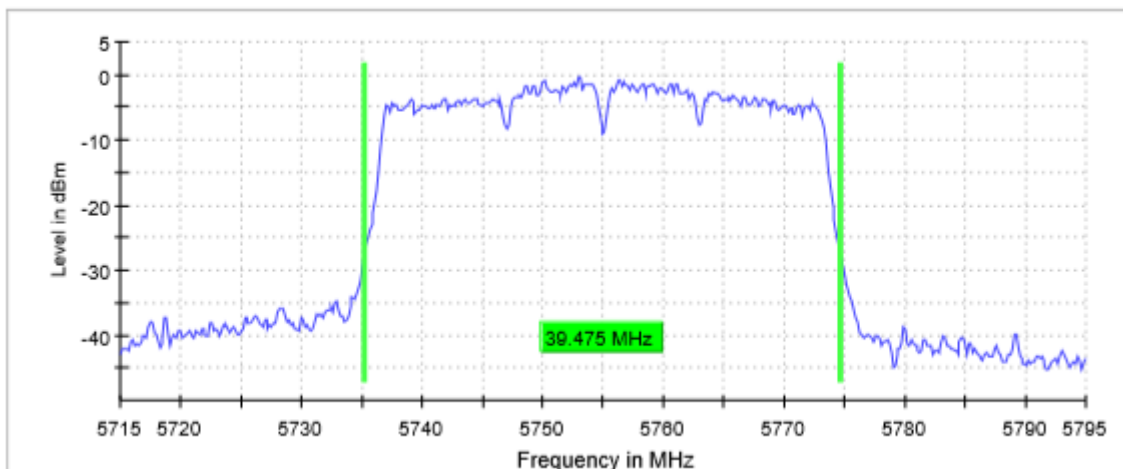
Bandwidth: 40 MHz

	Lowest frequency	Highest frequency
	5755 MHz	5795 MHz
26dB Bandwidth (MHz)	39.475	39.325
Occupied bandwidth (MHz)	36.250	36.250
Measurement uncertainty (kHz)	< \pm 8.33	

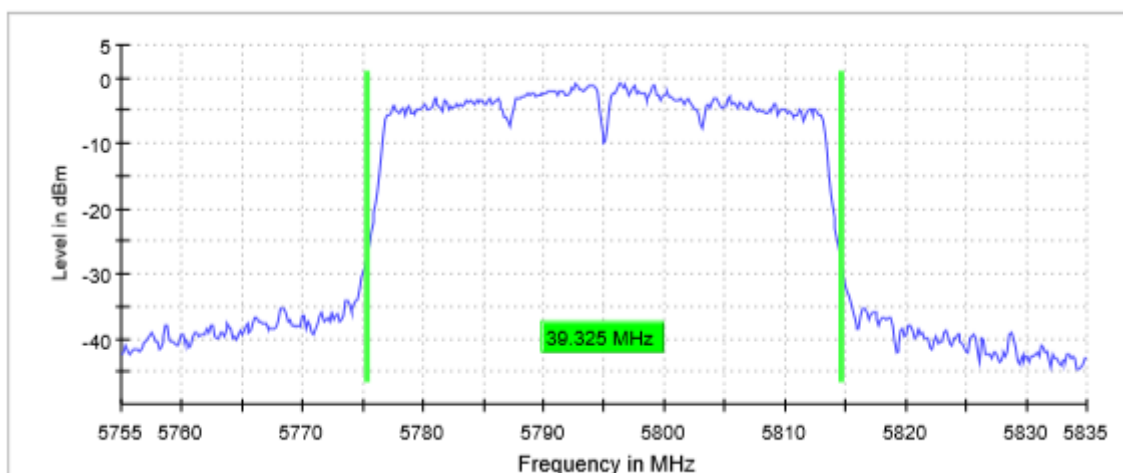
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

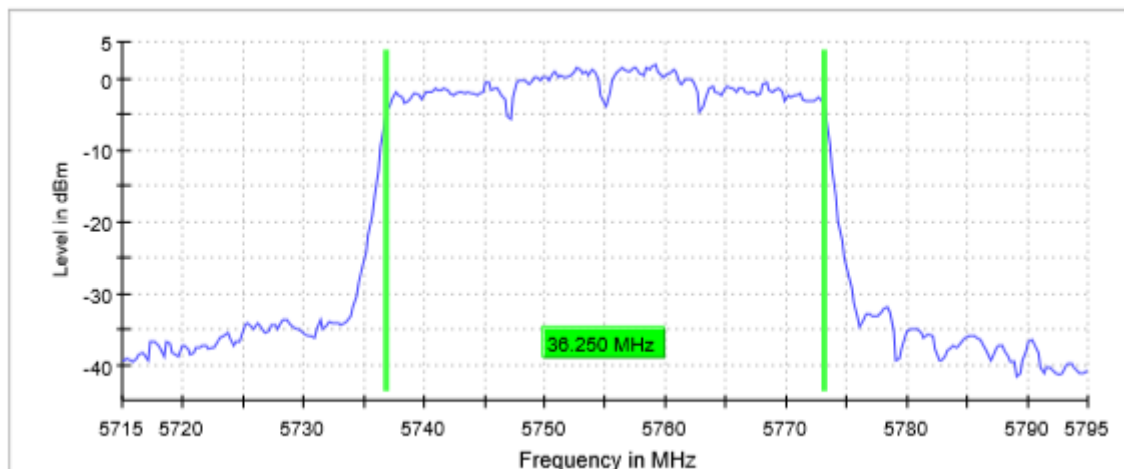
Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz
SweepPoints	533	533
SweepTime	31.621 μ s	31.621 μ s
Reference Level	20.000 dBm	10.000 dBm
Attenuation	40.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	89 / max. 150	126 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.07 dB

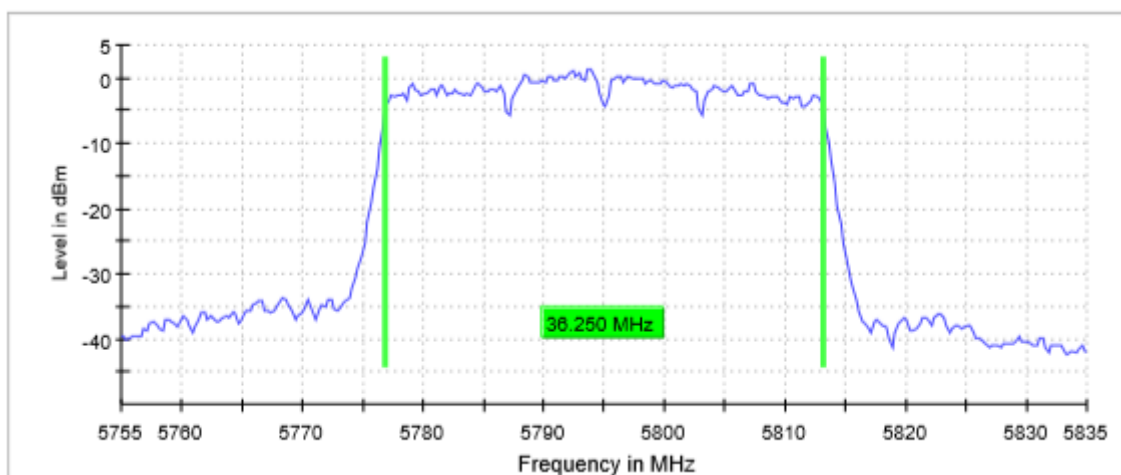
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 KHz	500.000 KHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	320	320
Sweeptime	18.906 μ s	18.906 μ s
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamplifier	off	Off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	106 / max. 150	60 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.15 dB	0.00 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02 (n40 mode Chip 2 SISO)

TEST RESULTS:

PASS

Port 4

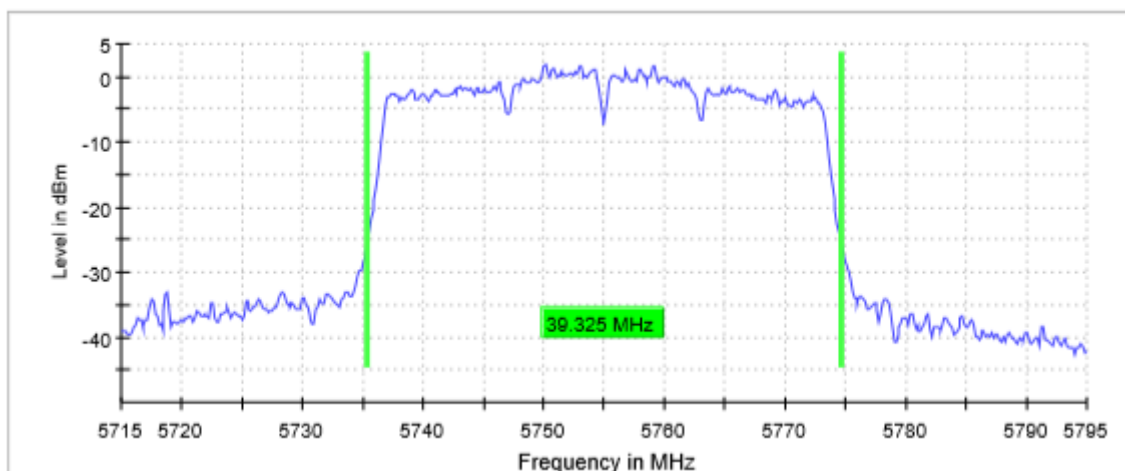
Bandwidth: 40 MHz

	Lowest frequency	Highest frequency
	5755 MHz	5795 MHz
26dB Bandwidth (MHz)	39.325	39.174
Occupied bandwidth (MHz)	36.250	36.250
Measurement uncertainty (kHz)	< \pm 8.33	

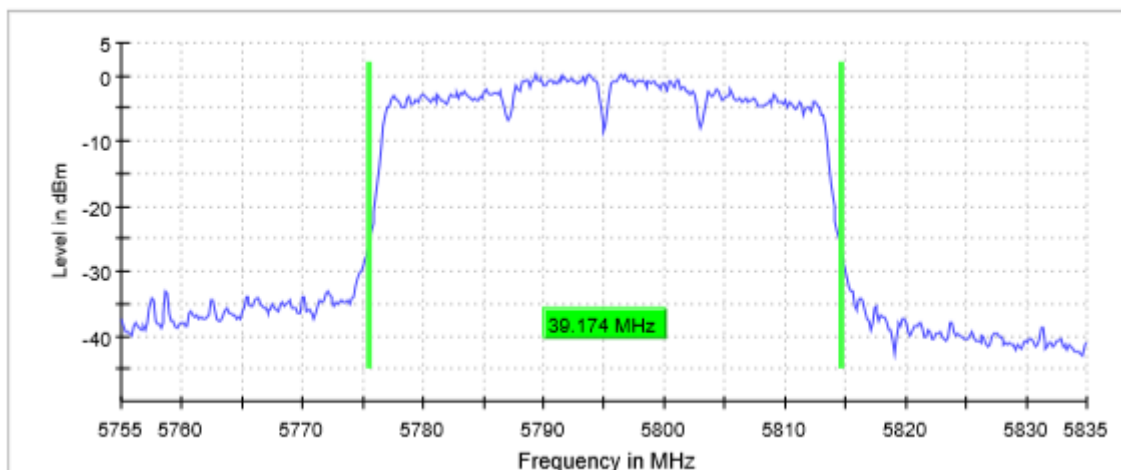
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

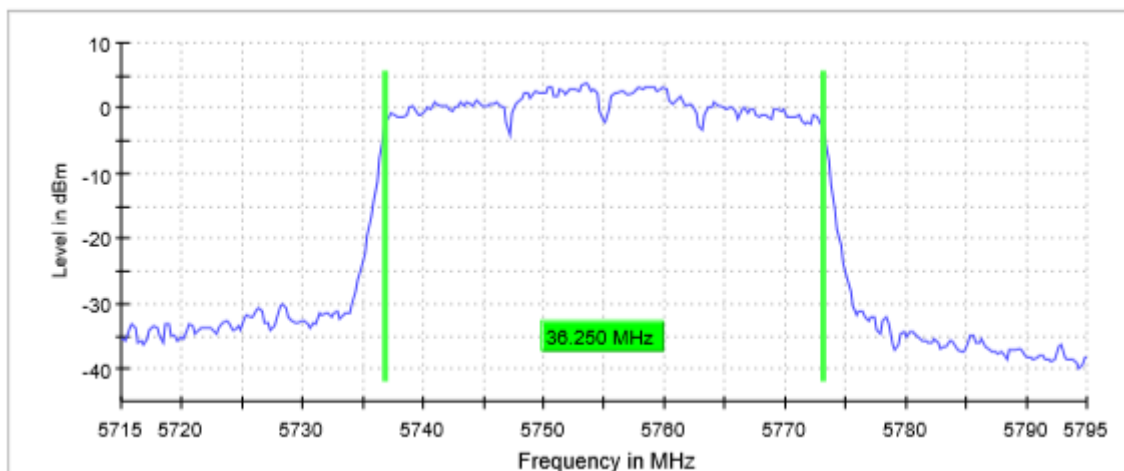
Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz
SweepPoints	533	533
SweepTime	31.621 μ s	31.621 μ s
Reference Level	00.000 dBm	00.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	110 / max. 150	77 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

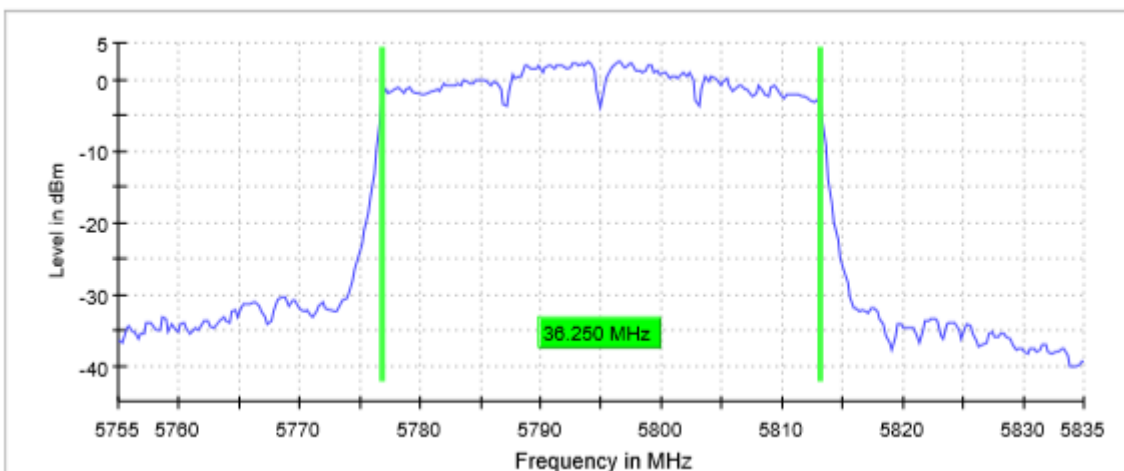
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 KHz	500.000 KHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	320	320
Sweeptime	18.906 μ s	18.906 μ s
Reference Level	00.000 dBm	00.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamplifier	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	94 / max. 150	84 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02 (n40 mode Chip 1 MIMO)

TEST RESULTS:

PASS

Port 1 & 2

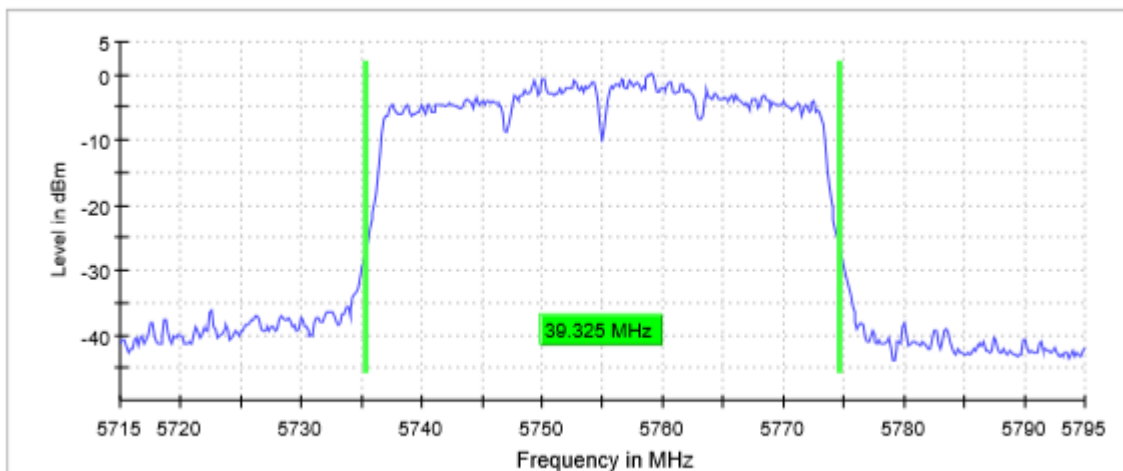
Bandwidth: 20 MHz

	Lowest frequency	Highest frequency
	5755 MHz	5795 MHz
26dB Bandwidth (MHz)	39.325	39.325
Occupied bandwidth (MHz)	36.250	36.250
Measurement uncertainty (kHz)	< \pm 8.33	

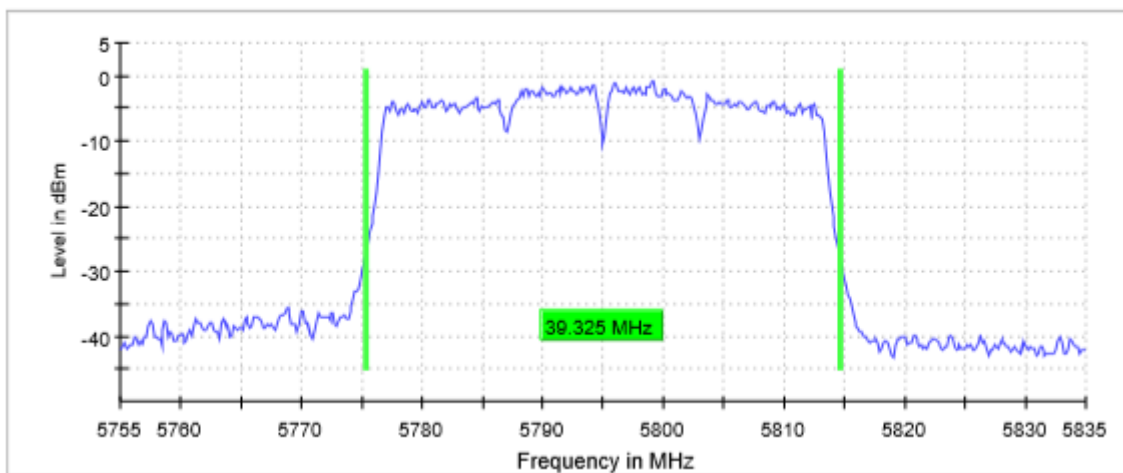
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

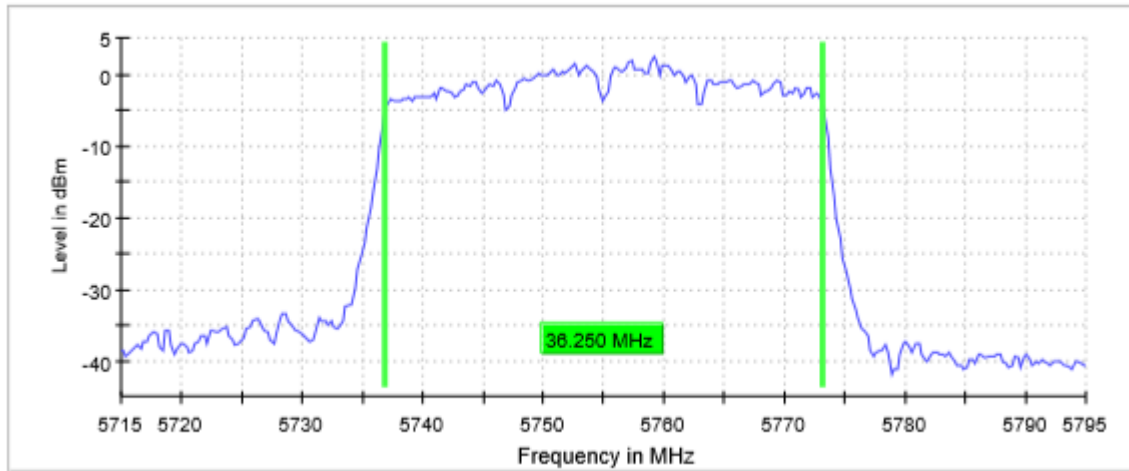
Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz
SweepPoints	533	533
Sweeptime	31.621 µs	31.621 µs
Reference Level	00.000 dBm	00.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	70 / max. 150	82 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.14 dB	0.00 dB

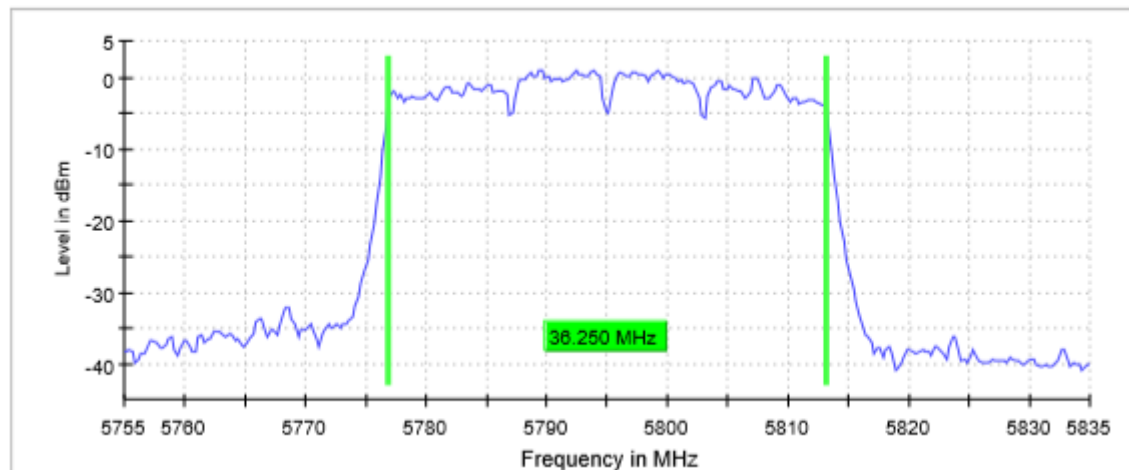
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 KHz	500.000 KHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	320	320
SweepTime	18.906 μ s	18.906 μ s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamplifier	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	88 / max. 150	94 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.15 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02 (n40 mode Chip 2 MIMO)

TEST RESULTS:

PASS

Port 3 & 4

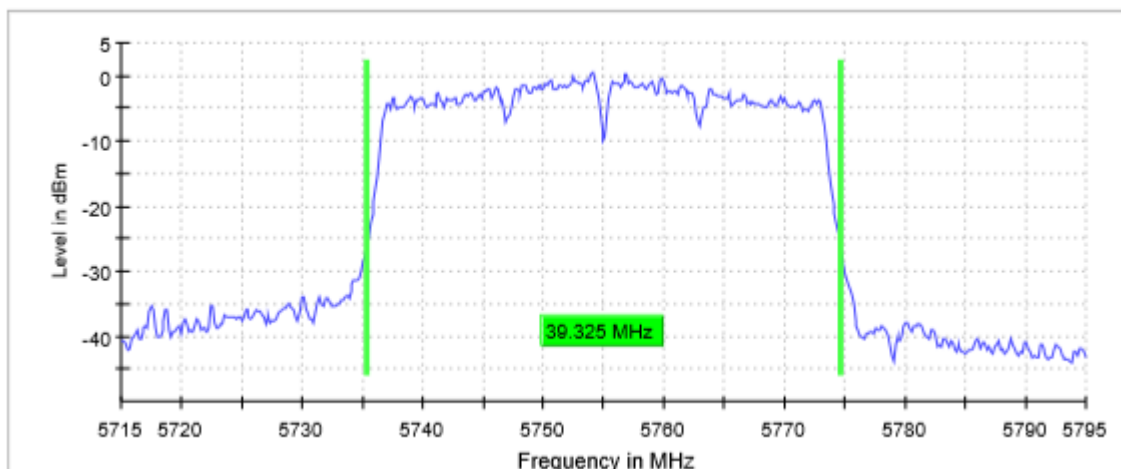
Bandwidth: 40 MHz

	Lowest frequency	Highest frequency
	5755 MHz	5795 MHz
26dB Bandwidth (MHz)	39.325	39.325
Occupied bandwidth (MHz)	36.250	36.250
Measurement uncertainty (kHz)	< \pm 8.33	

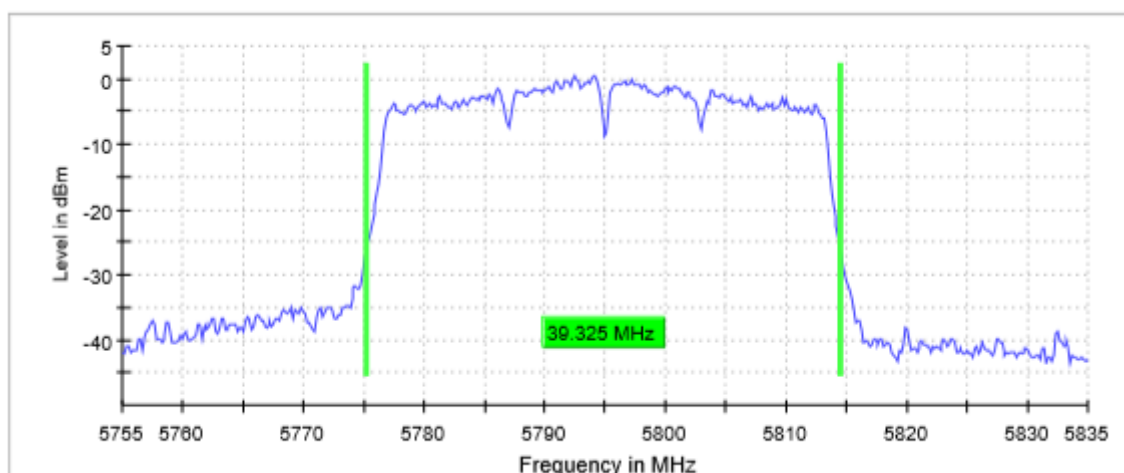
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

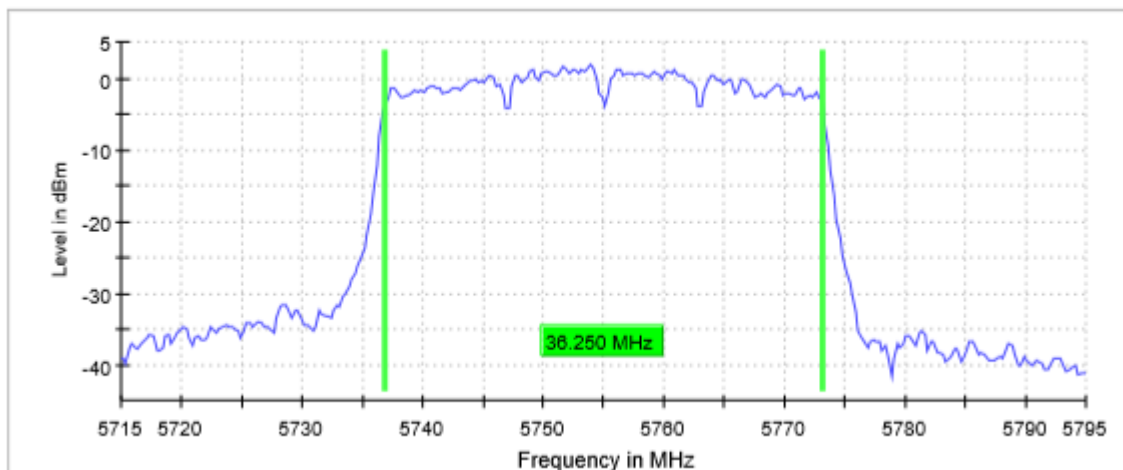
Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz
SweepPoints	533	533
SweepTime	31.621 μ s	31.621
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamplifier	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	85 / max. 150	99 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.06 dB	0.00 dB

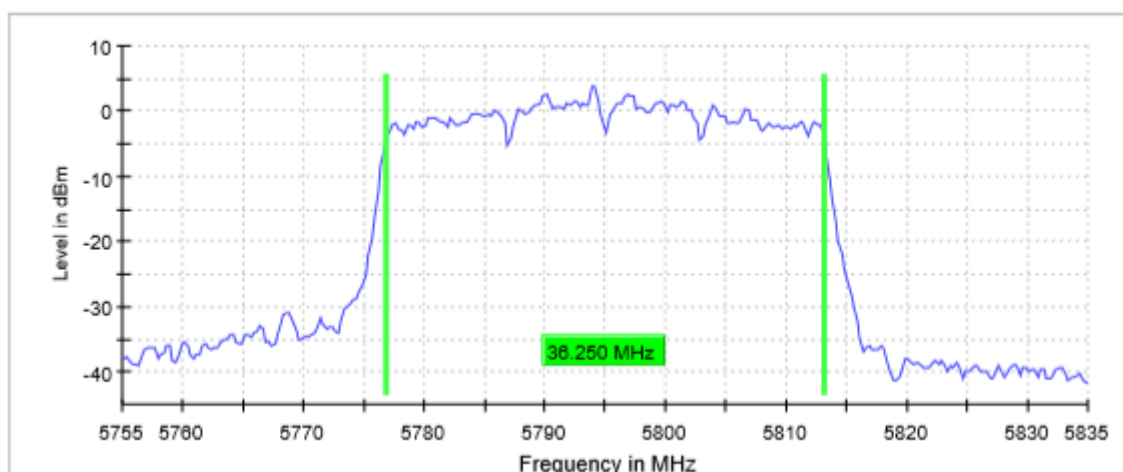
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 KHz	500.000 KHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	320	320
Sweeptime	18.906 μ s	18.906 μ s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	88 / max. 150	72 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.21 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#03 (ac20 mode Chip 1 SISO)

TEST RESULTS:

PASS

Port 2

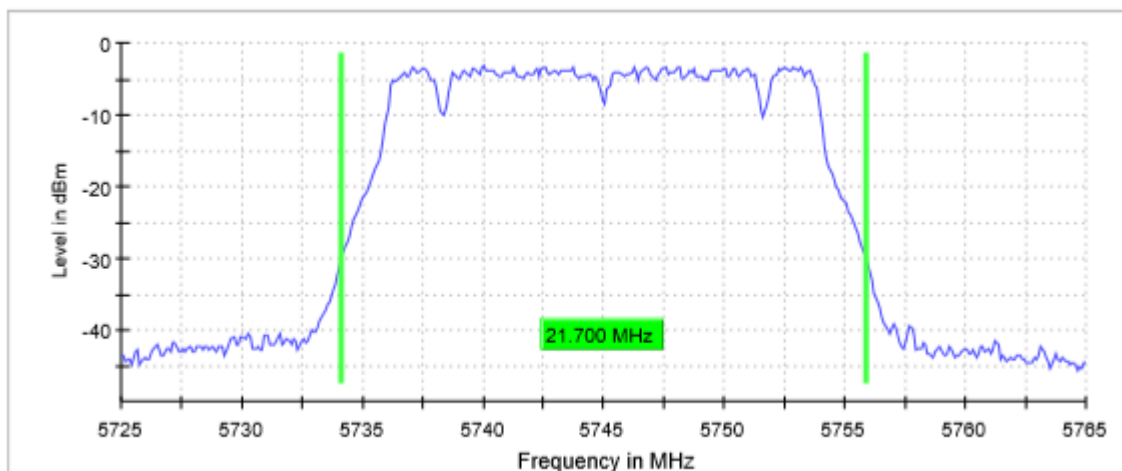
Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5745 MHz	5785 MHz	5825 MHz
26dB Bandwidth (MHz)	21.700	21.500	21.700
Occupied bandwidth (MHz)	17.900	17.900	17.800
Measurement uncertainty (kHz)	< \pm 8.33		

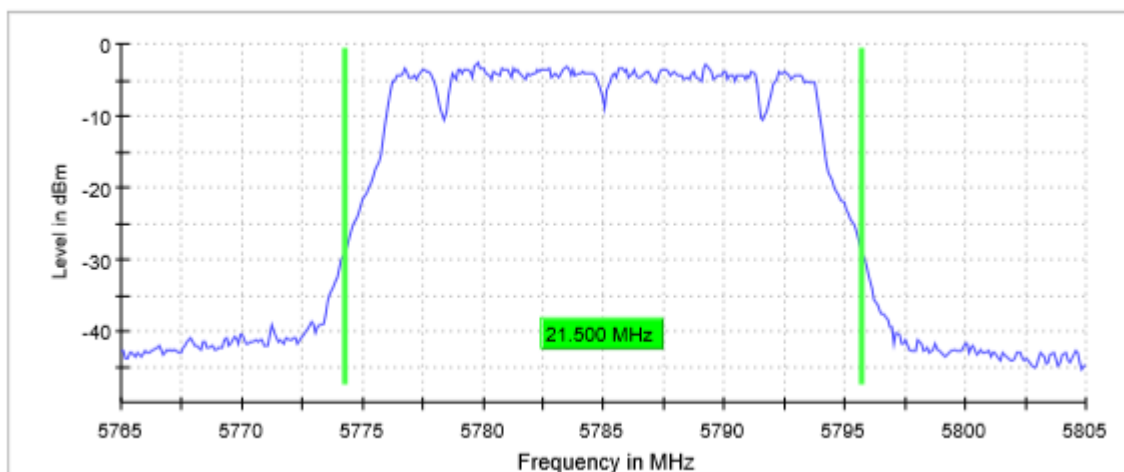
TEST RESULTS (Cont.):

26 dB BANDWIDTH

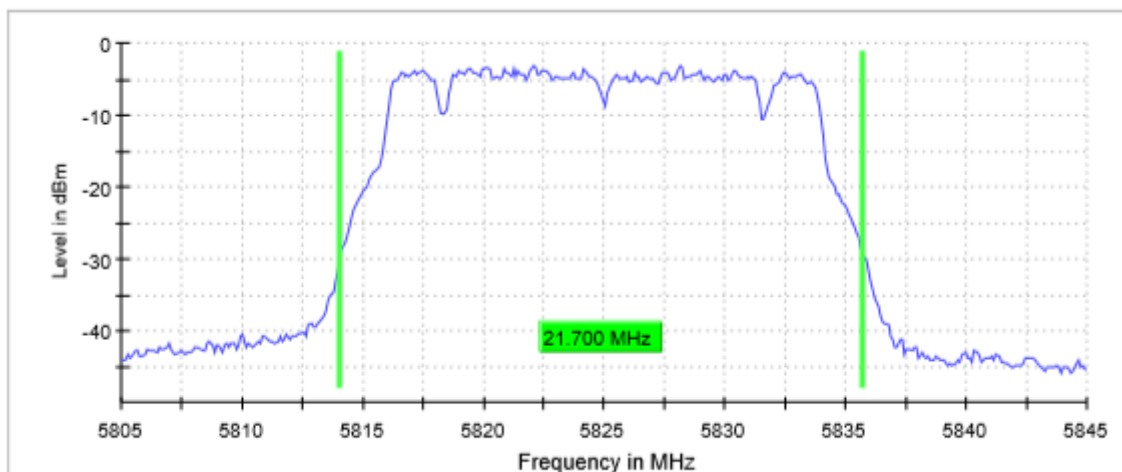
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

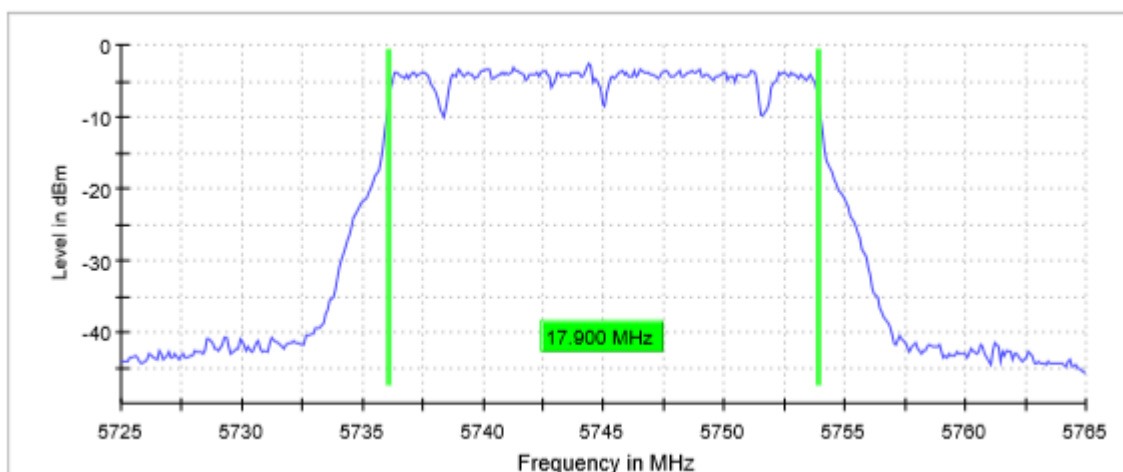
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamplifier	Off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	65 / max. 150	71 / max. 150	100 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.24 dB	0.00 dB	0.00 dB

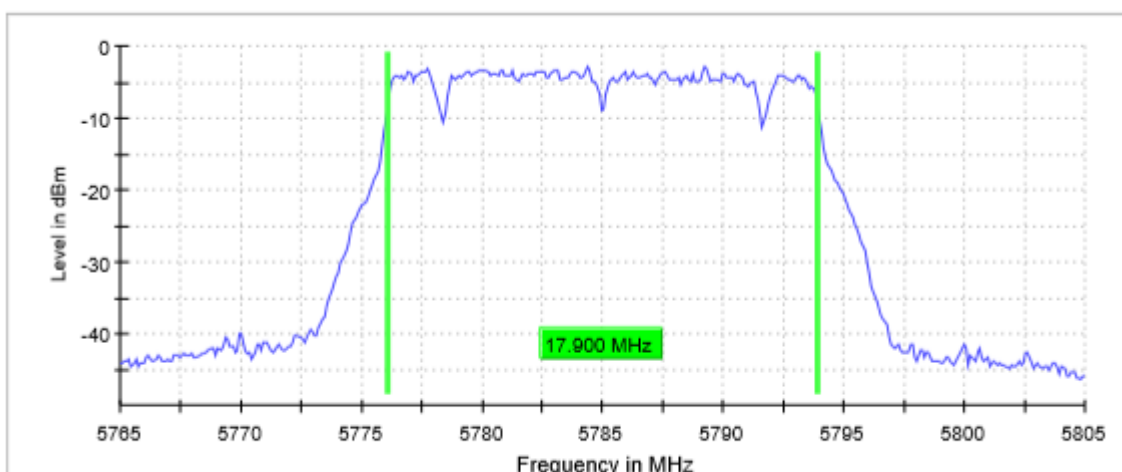
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

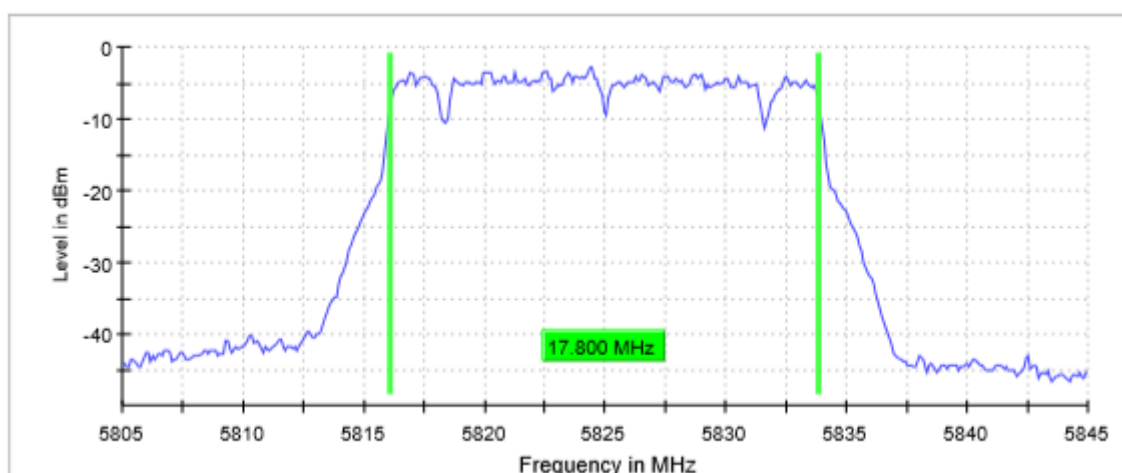
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	200	200	200
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	99 / max. 150	73 / max. 150	48 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.29 dB	0.09 dB	0.18 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#03 (ac20 mode Chip 2 SISO)

TEST RESULTS:

PASS

Port 4

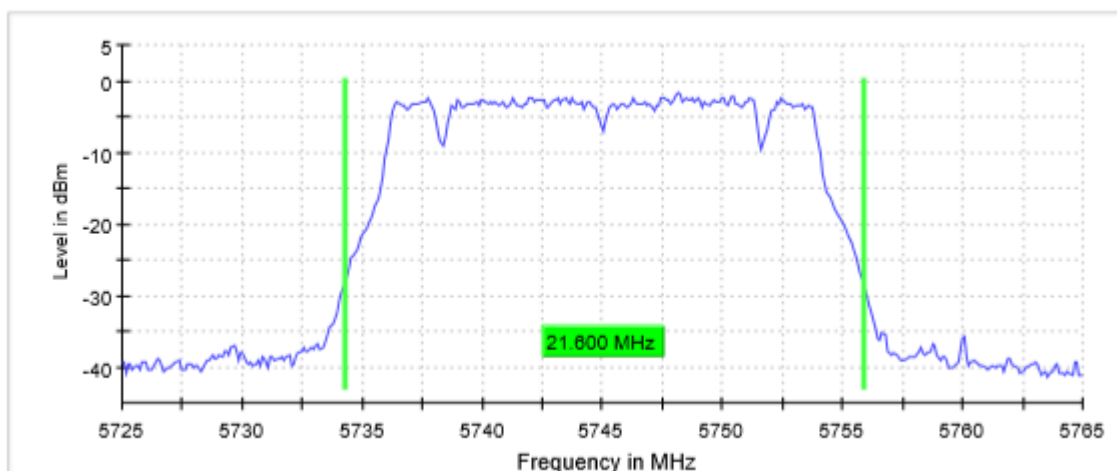
Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5745 MHz	5785 MHz	5825 MHz
26dB Bandwidth (MHz)	21.600	21.800	21.500
Occupied bandwidth (MHz)	17.900	17.900	17.900
Measurement uncertainty (kHz)	< \pm 8.33		

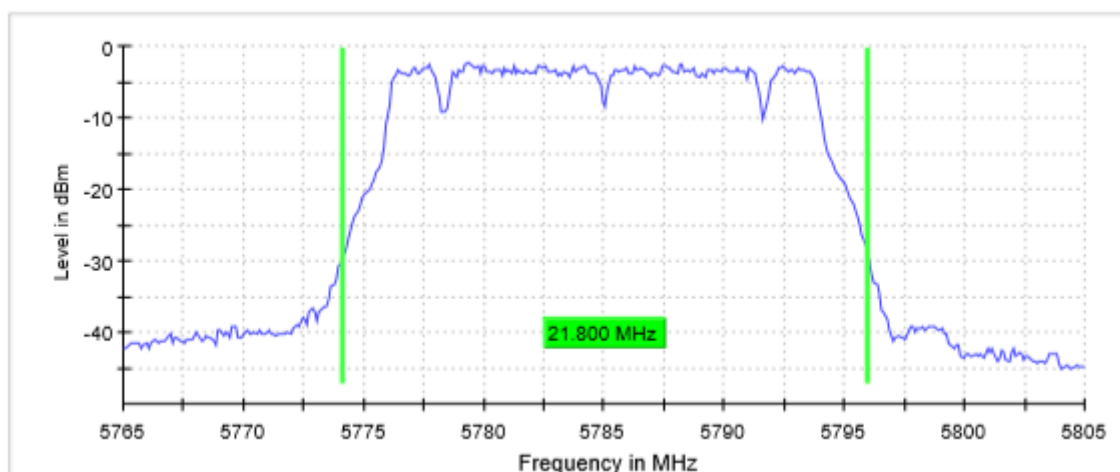
TEST RESULTS (Cont.):

26 dB BANDWIDTH

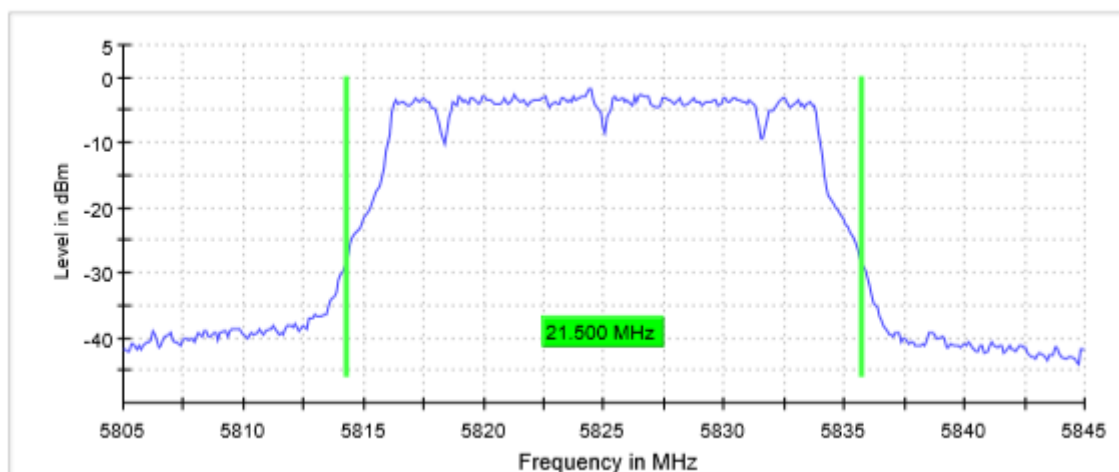
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

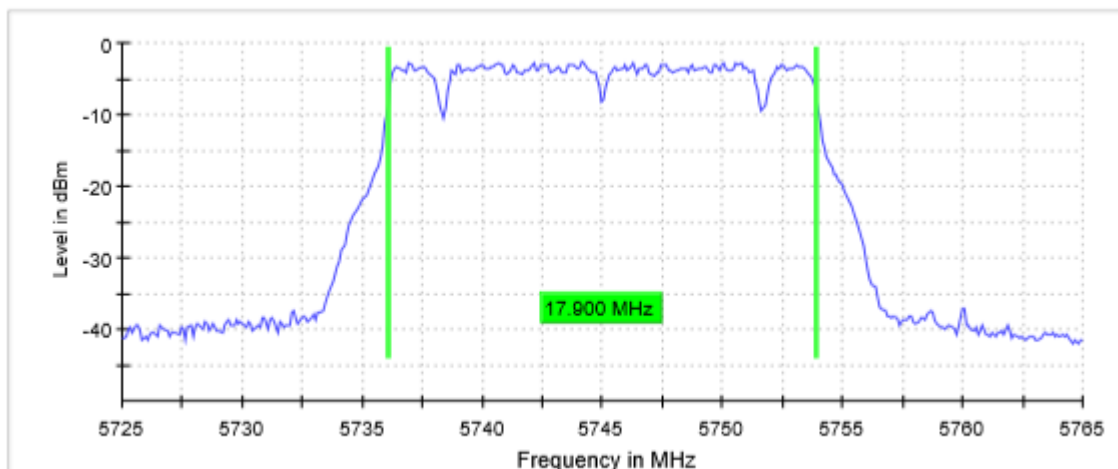
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamplifier	Off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	111 / max. 150	102 / max. 150	66 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

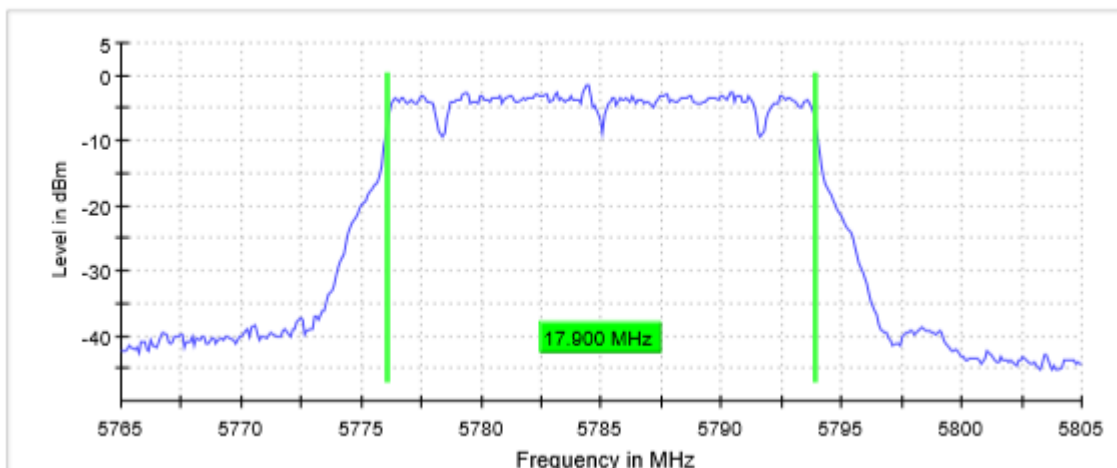
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

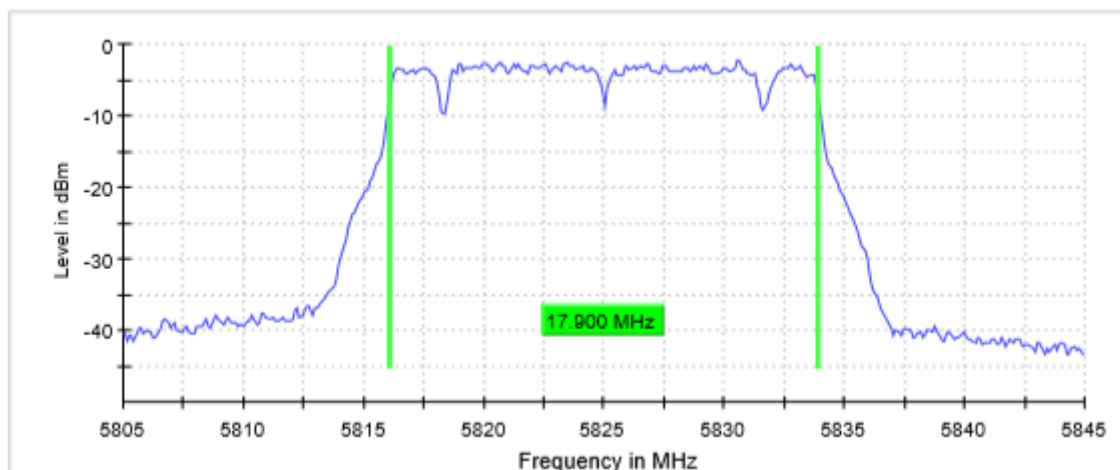
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	00.000 dBm	00.000 dBm	00.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	82 / max. 150	81 / max. 150	108 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.17 dB	0.00 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#03 (ac20 mode Chip 1 MIMO)

TEST RESULTS:

PASS

Port 1 & 2

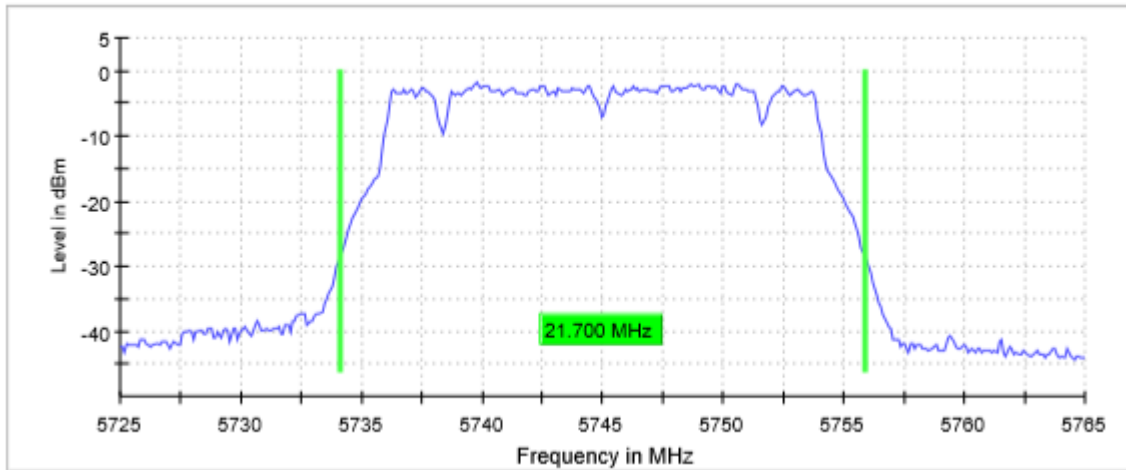
Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5745 MHz	5785 MHz	5825 MHz
26dB Bandwidth (MHz)	21.700	21.600	21.300
Occupied bandwidth (MHz)	17.900	17.900	17.900
Measurement uncertainty (kHz)	< \pm 8.33		

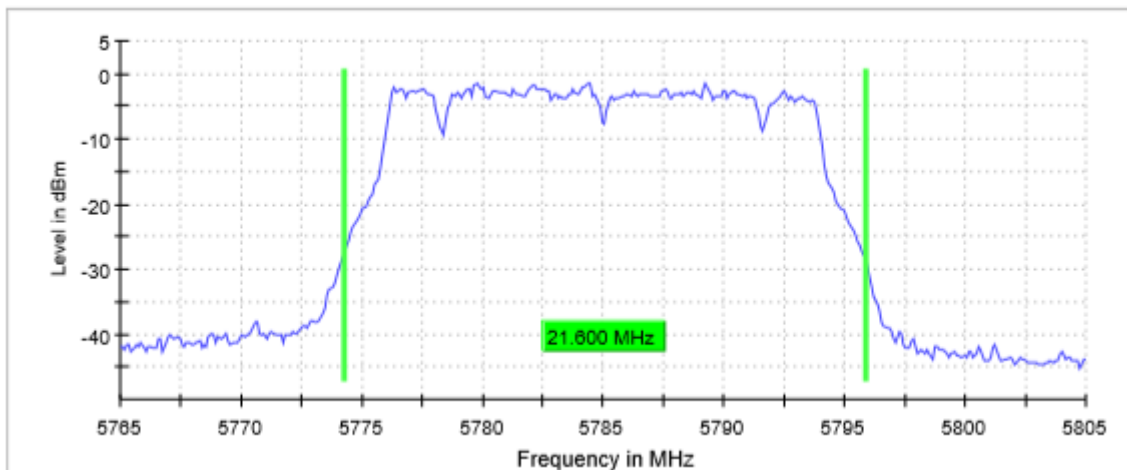
TEST RESULTS (Cont.):

26 dB BANDWIDTH

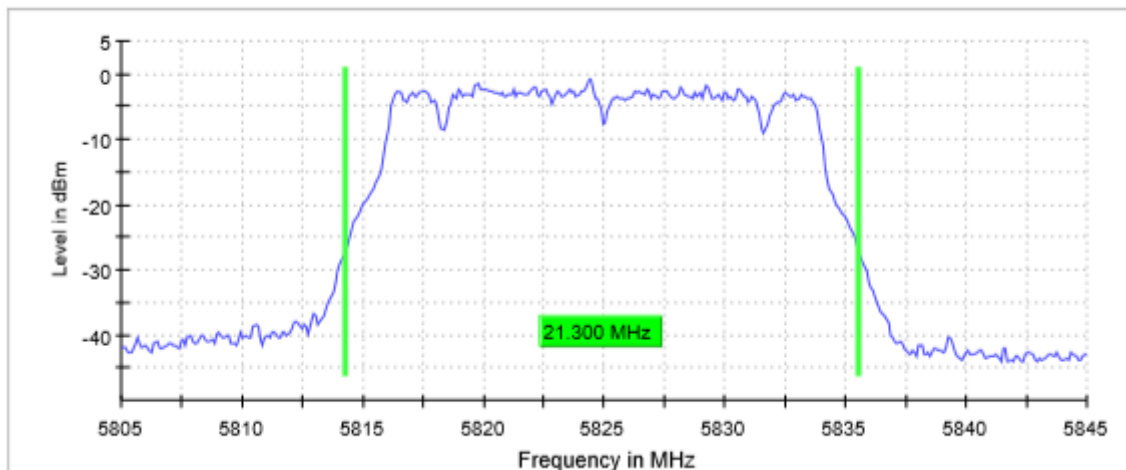
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

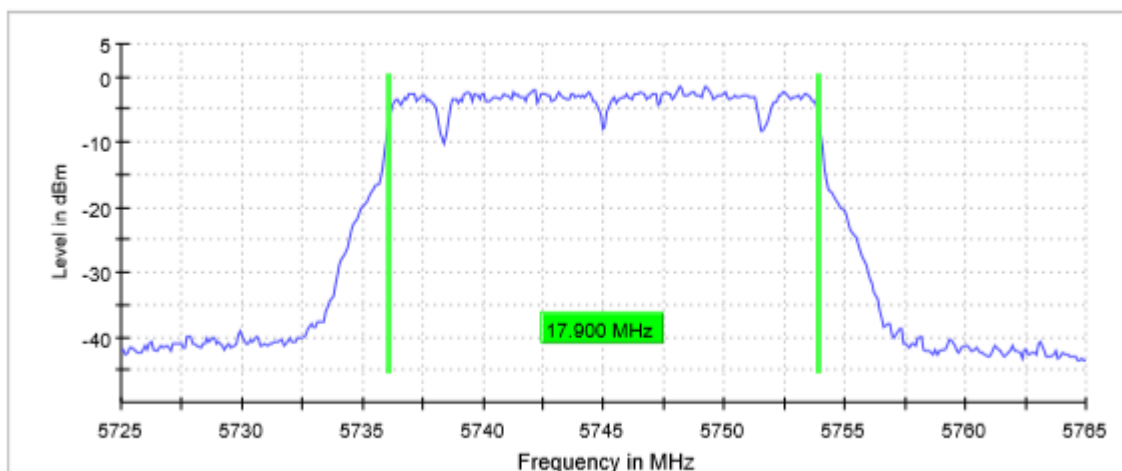
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
SweepTime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	FFT	FFT	FFT
Preamp	Off	off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	125 / max. 150	75 / max. 150	96 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.17 dB

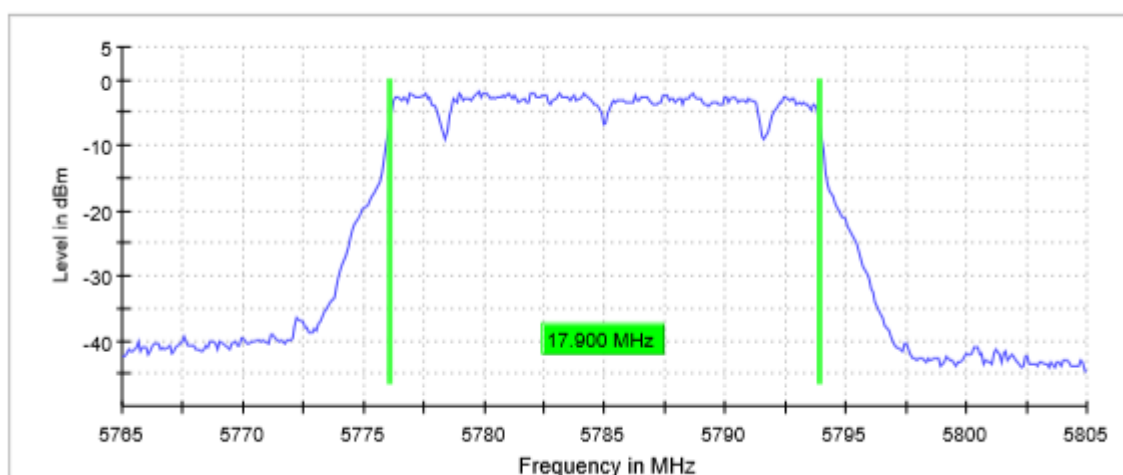
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

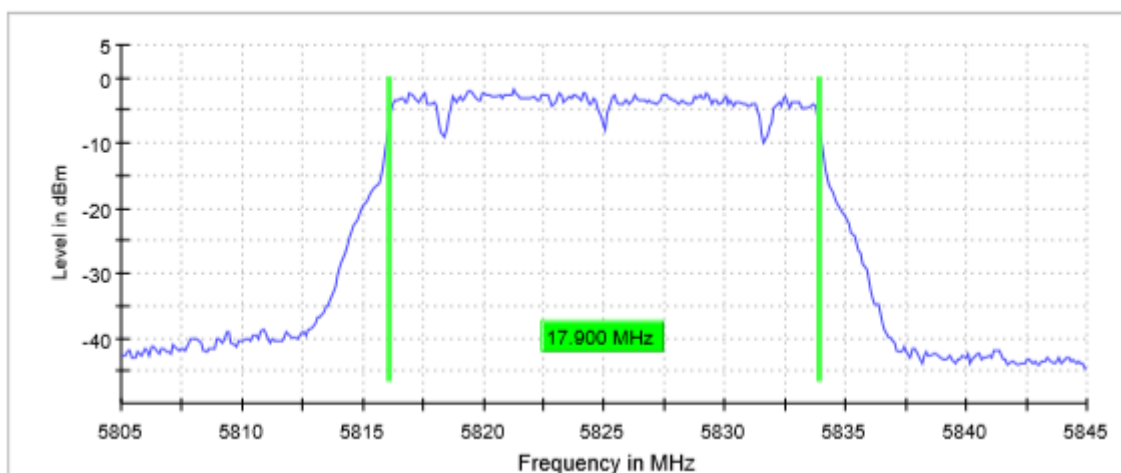
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	0.000 dBm	00.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweepstype	FFT	FFT	FFT
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	88 / max. 150	113 / max. 150	68 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.06 dB	0.02 dB	0.13 dB

TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#03 (ac20 mode Chip 2 MIMO)

TEST RESULTS:

PASS

Port 3 & 4

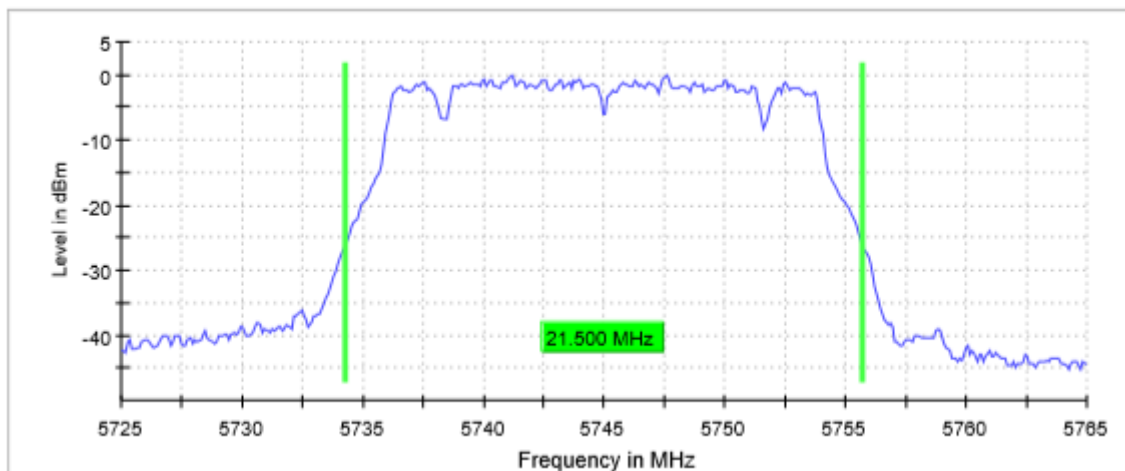
Bandwidth: 20 MHz

	Lowest frequency 5745 MHz	Middle frequency 5785 MHz	Highest frequency 5825 MHz
26dB Bandwidth (MHz)	21.500	21.500	21.500
Occupied bandwidth (MHz)	17.900	17.900	17.900
Measurement uncertainty (kHz)	< \pm 8.33		

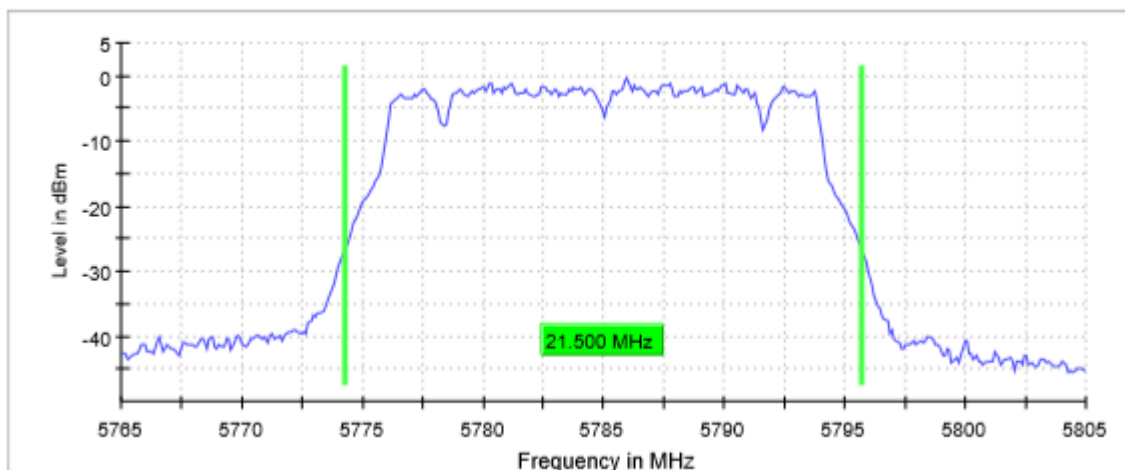
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Middle Channel



Highest Channel

