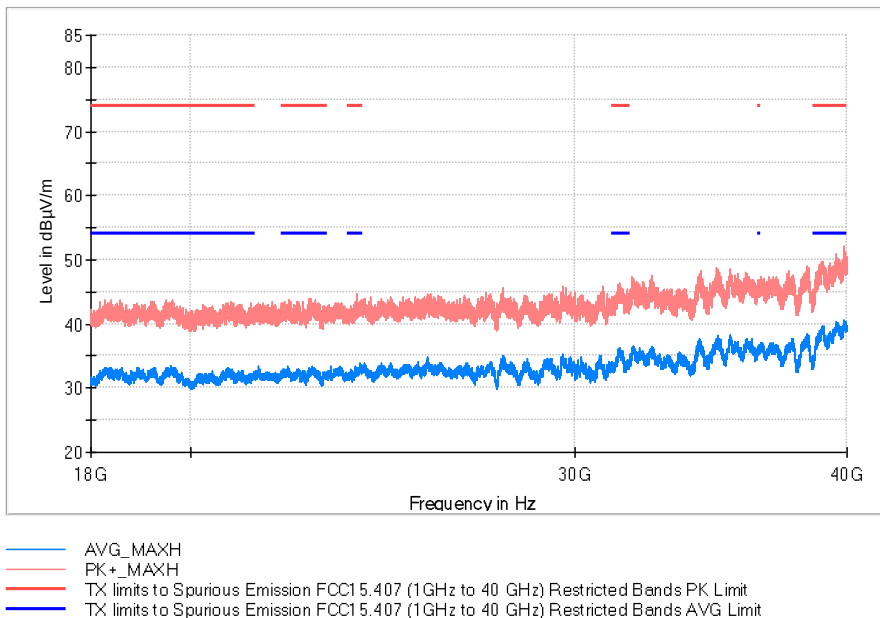
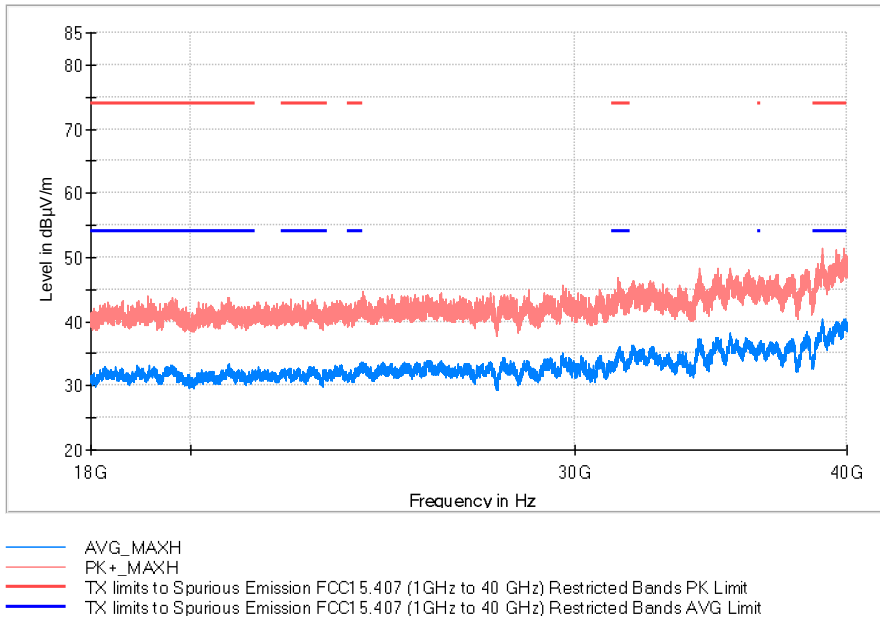


TEST RESULTS (Cont.)

Middle Channel



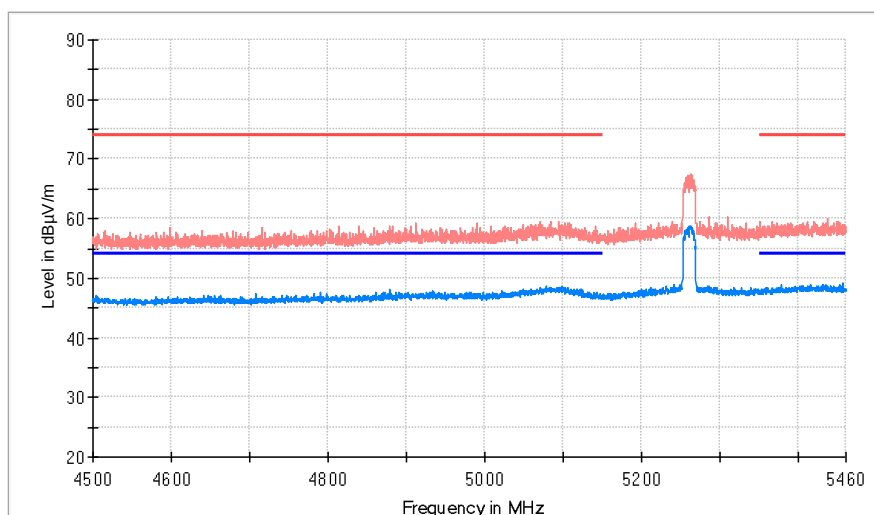
High Channel



RESTRICTED BANDS

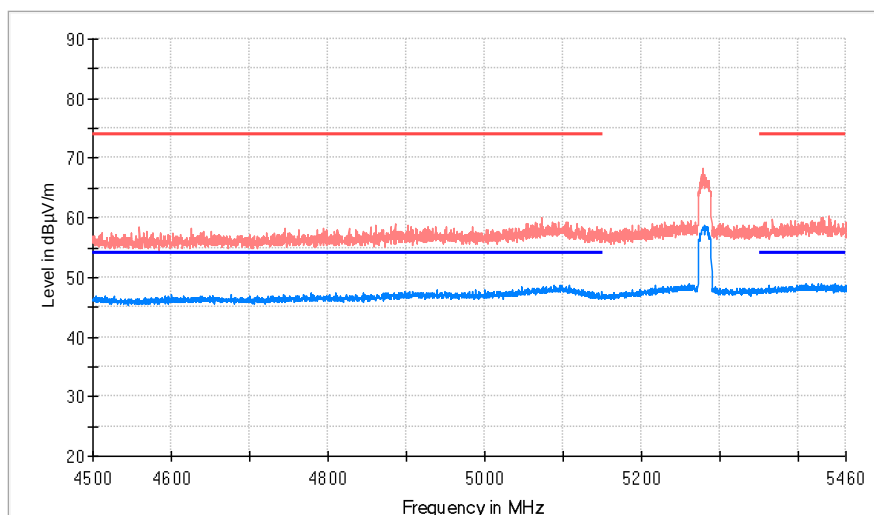
4.5 GHz – 5.46 GHz

Low 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

Middle Channel

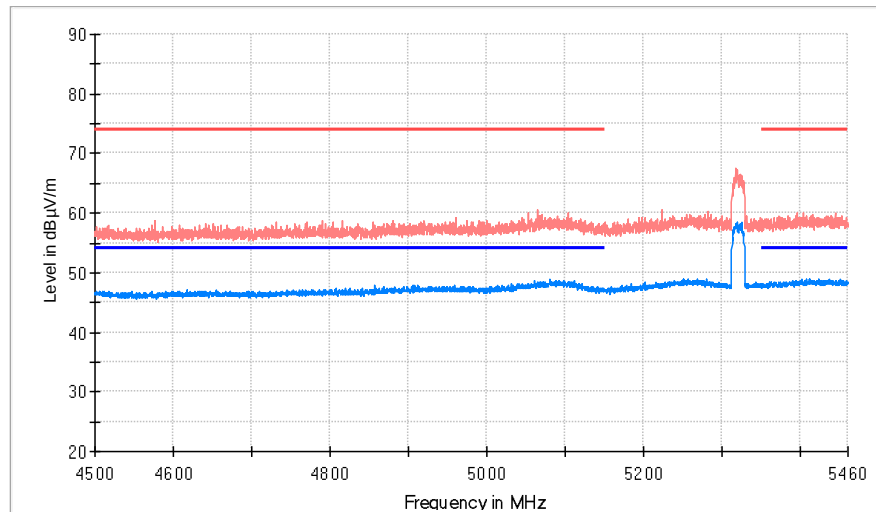


- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

RESTRICTED BANDS

4.5 GHz – 5.46 GHz

High 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

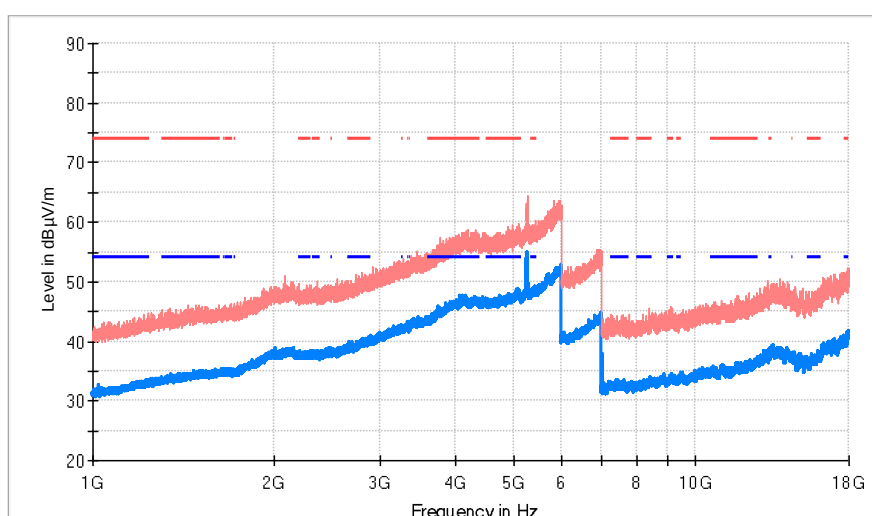
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (ac mode 40 MHz)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

The results and plots below show the maximum measured levels in the 1- 40 GHz range and the restricted band 4.5 – 5.15 GHz.

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

Low Channel



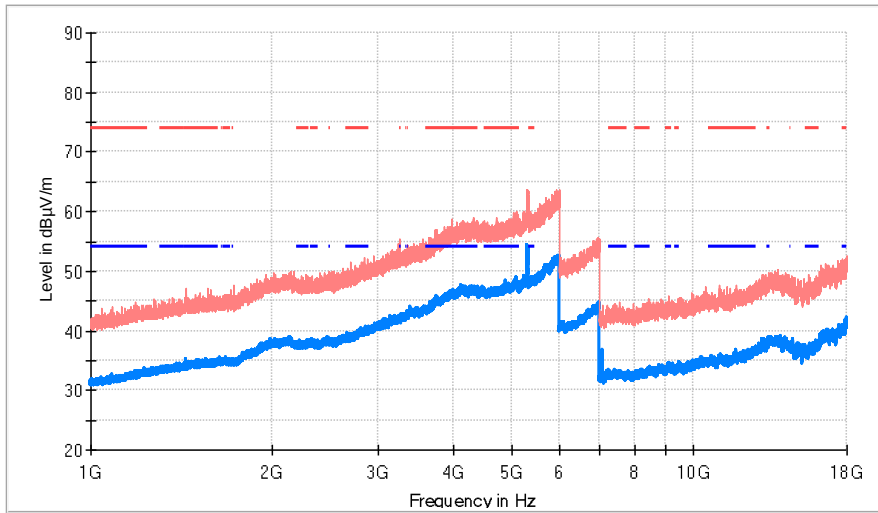
— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comment
5269.090909	63.2	54.3	V	Fundamental
7026.545455	43.0	37.7	V	

TEST RESULTS (Cont.)

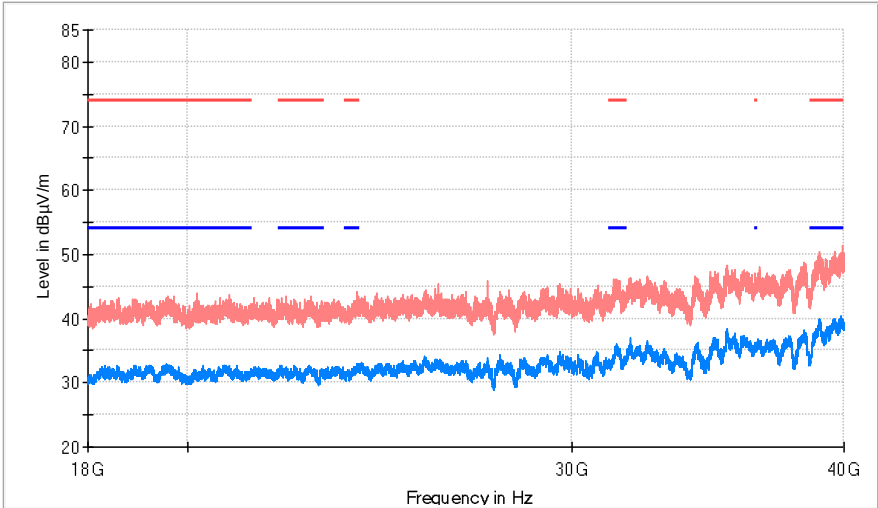
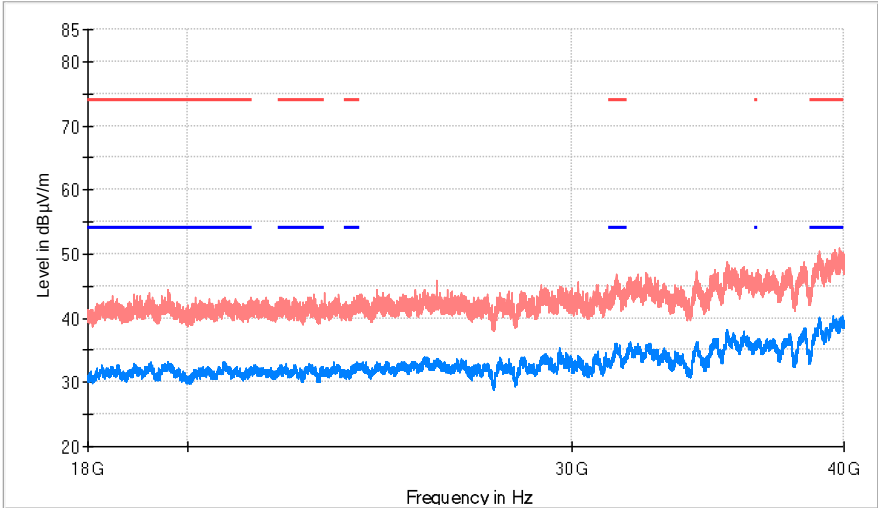
High Channel



— 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

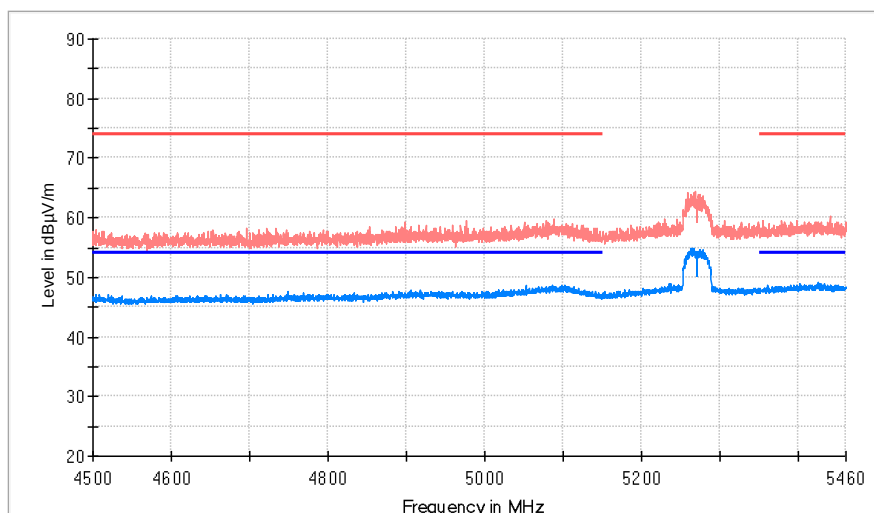
Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comments
5307.954546	61.4	54.4	V	Fundamental
7079.454546	44.2	36.8	V	

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

RESTRICTED BANDS

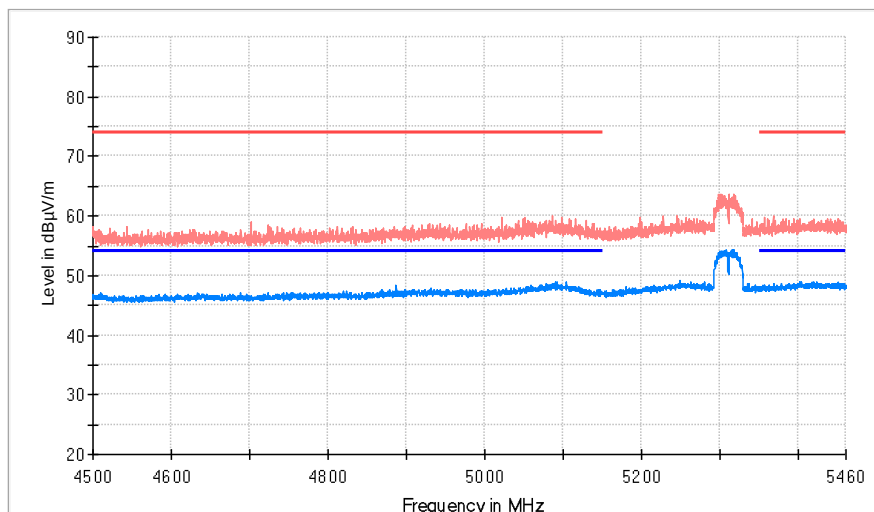
4.5 GHz – 5.46 GHz

Low 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

High 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

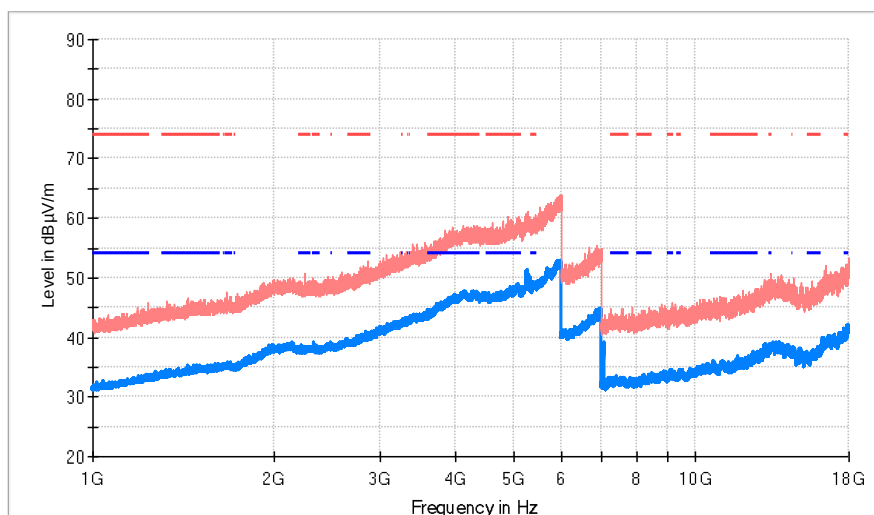
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

The results and plots below show the maximum measured levels in the 1- 40 GHz range and the restricted band 4.5 – 5.15 GHz.

TEST RESULTS (Cont.)	ac mode (80 MHz)
FREQUENCY RANGE	1 GHz – 18 GHz

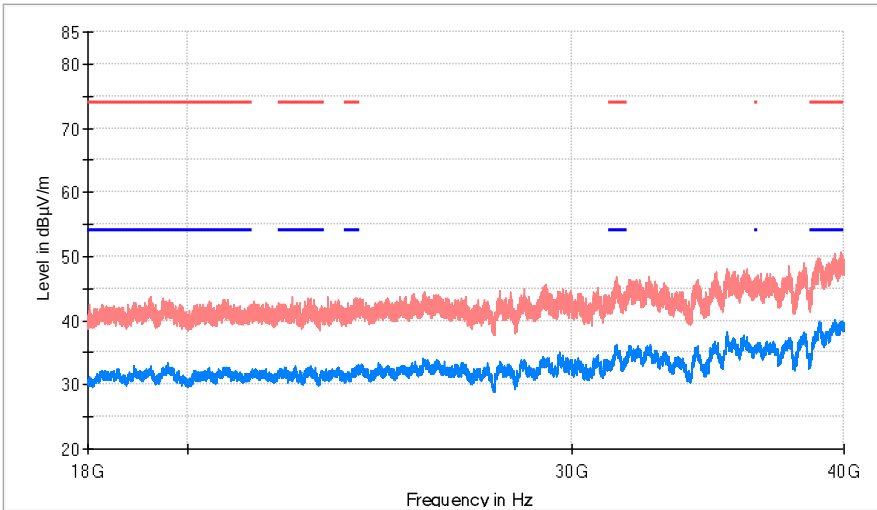
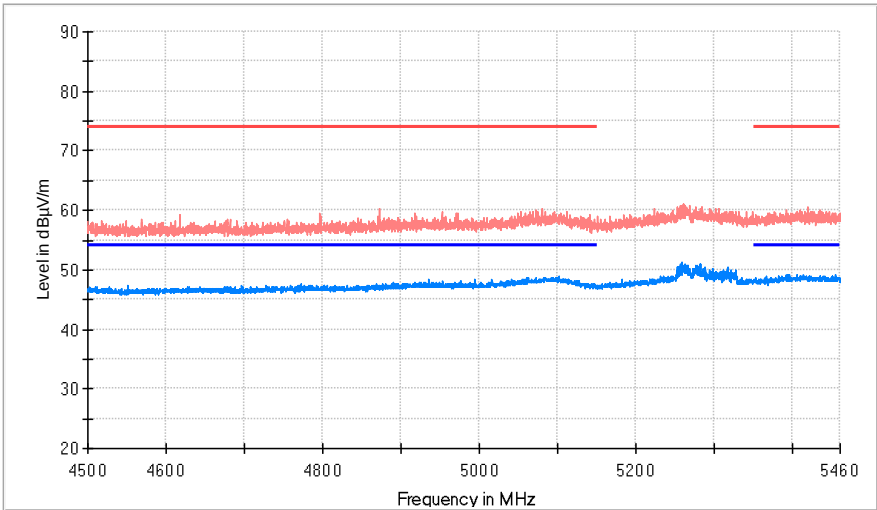
Low Channel



— 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	Comments
5281.818182	58.9	50.9	H	Fundamental
7053.272727	43.9	39.0	V	

TEST RESULTS (Cont.)	
FREQUENCY RANGE	18 GHz – 40 GHz
Low 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	
RESTRICTED BANDS	5.35 GHz – 5.46 GHz
 — 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	

Appendix D: Test results

5.47 GHz – 5.725 GHz Band

Appendix D Content

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TEST D.6: UNDESIRABLE RADIATED EMISSIONS (TRANSMITTER)253

DESCRIPTION OF TEST CONDITIONS

TEST CONDITIONS	DESCRIPTION
TC#01 ⁽¹⁾ (a mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 3.8 \text{ Vdc}$ <u>Test Frequencies for Conducted/Radiated tests (20 MHz):</u> Lowest channel: 5500 MHz Middle channel: 5580 MHz Highest channel: 5700 MHz
TC#02 ⁽¹⁾ (n mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 3.8 \text{ Vdc}$ <u>Test Frequencies for Conducted/Radiated tests (20 MHz):</u> Lowest channel: 5500 MHz Middle channel: 5580 MHz Highest channel: 5700 MHz <u>Test Frequencies for Conducted/Radiated tests (40 MHz):</u> Lowest channel: 5510 MHz Middle channel: 5550 MHz Highest channel: 5670 MHz
TC#03 ⁽¹⁾ (ac mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 3.8 \text{ Vdc}$ <u>Test Frequencies for Conducted/Radiated tests (20 MHz):</u> Lowest channel: 5500 MHz Middle channel: 5580 MHz Highest channel: 5700 MHz <u>Test Frequencies for Conducted/Radiated tests (40 MHz):</u> Lowest channel: 5510 MHz Middle channel: 5550 MHz Highest channel: 5670 MHz <u>Test Frequencies for Radiated tests: (80 MHz)</u> Lowest channel: 5530 MHz Middle channel: 5610 MHz Highest channel: 5690 MHz

Note (1): For spurious emissions for OFDM modes 802.11a, 802.11n20/40 and 802.11ac20/40/80 a preliminary scan was performed to determine the worst case.

The data rates of 6Mb/s for 802.11a, MCS 0 for 802.11n, and MCS8 for 802.11ac were selected based on preliminary testing that identified those rates corresponding to the worst cases.

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

LIMITS:

Product standard:

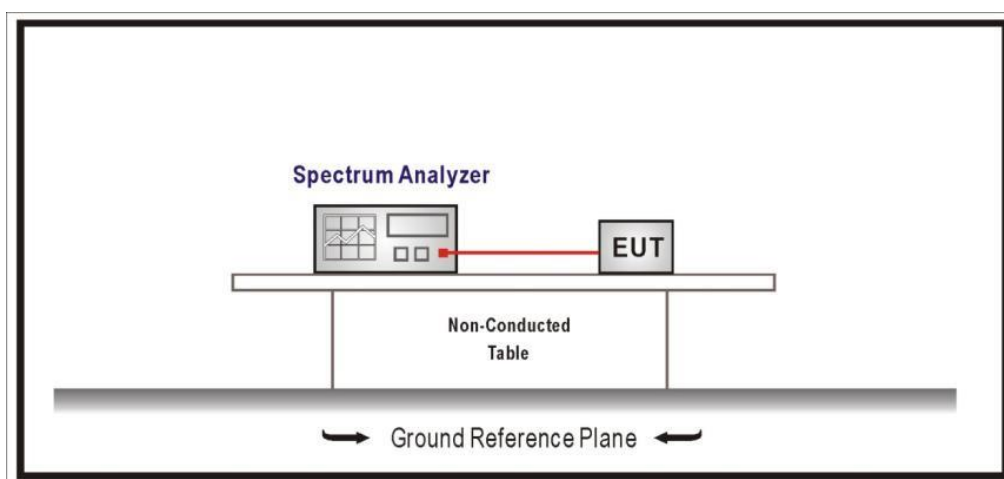
Part 15 Subpart C §15.403 and RSS-247

Test standard:

Part 15 Subpart C §15.403 and RSS-247 6.2.1

No requirements requested

TEST SETUP:



TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#01 (a mode)

TEST RESULTS:

PASS

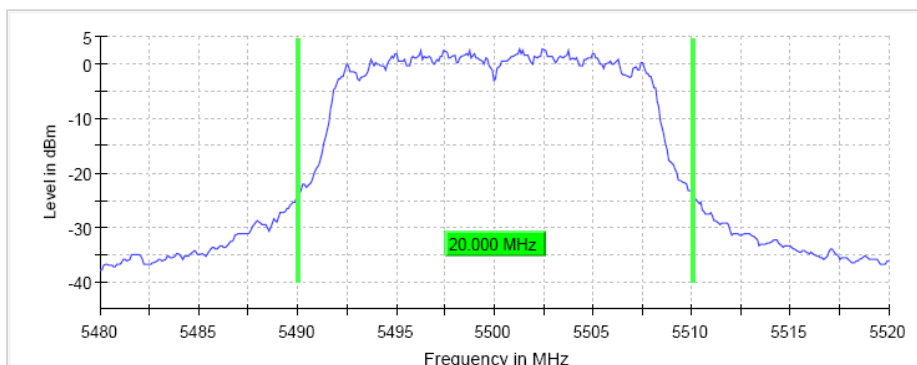
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
26dB Bandwidth (MHz)	20.0	19.6	19.8
Occupied bandwidth (MHz)	16.3	16.3	16.3
Measurement uncertainty (kHz)	<± 8.33		

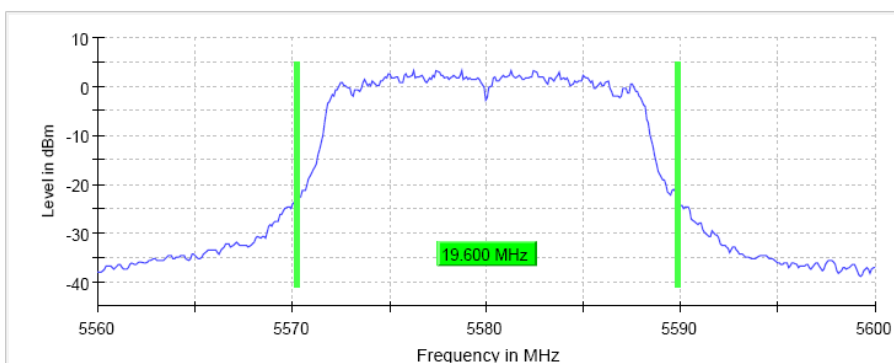
TEST RESULTS (Cont.):

26 dB BANDWIDTH

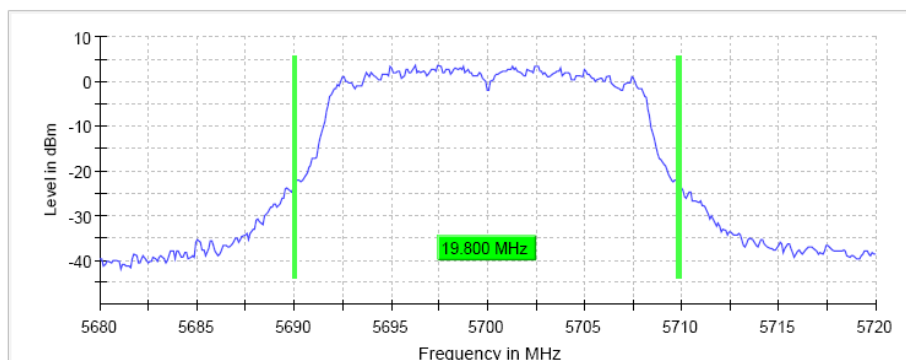
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

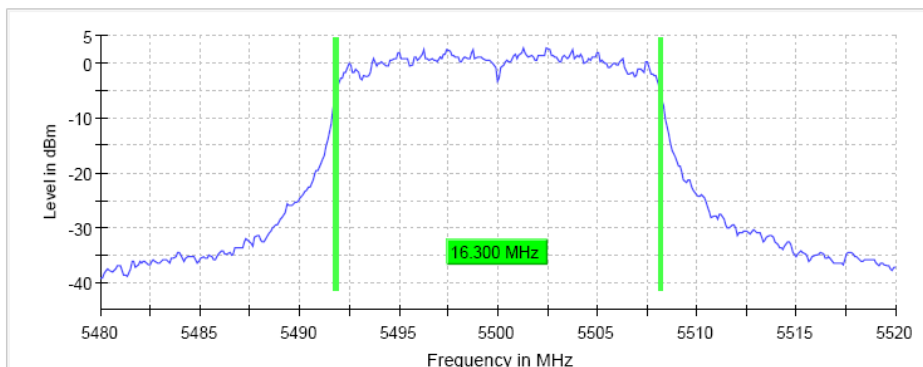
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.48000 GHz	5.56000 GHz	5.68000 GHz
Stop Frequency	5.52000 GHz	5.60000 GHz	5.72000 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	28.443 μ s	28.443 μ s	28.443 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
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	57 / max. 150	85 / max. 150	38 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.25 dB	0.00 dB	0.24 dB

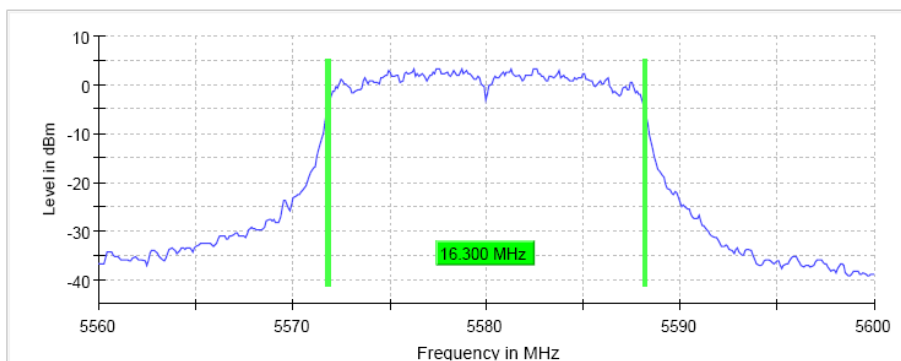
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

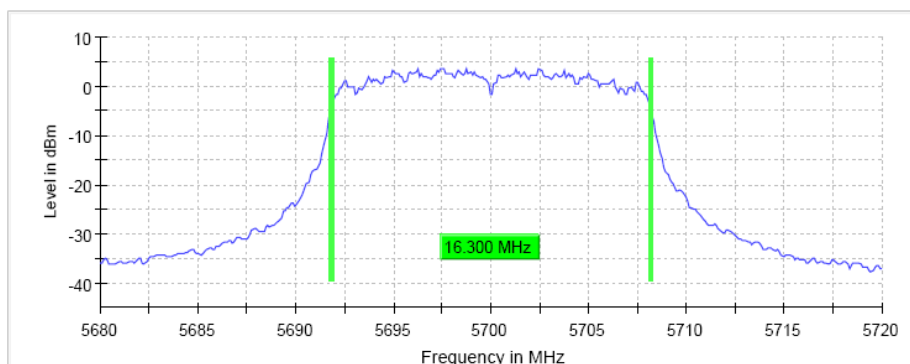
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)			
Measurement			
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.48000 GHz	5.56000 GHz	5.68000 GHz
Stop Frequency	5.52000 GHz	5.60000 GHz	5.72000 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	Max Peak	Max Peak	Max Peak
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	54 / max. 150	66 / max. 150	87 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.04 dB	0.14 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode)
TEST RESULTS:	PASS

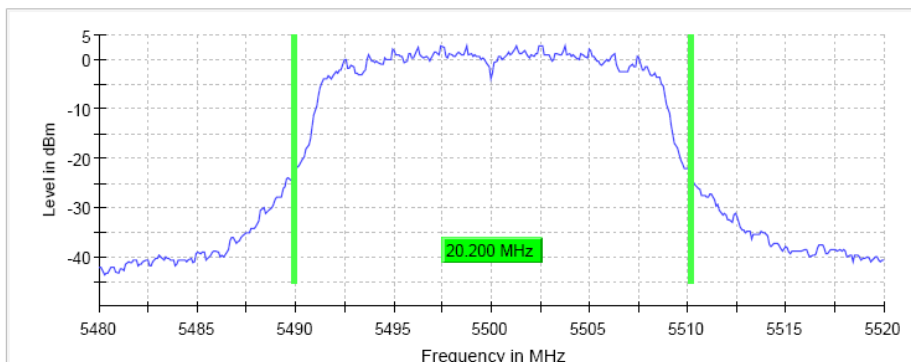
Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5500 MHz	5580 MHz	5700 MHz
26dB bandwidth (MHz)	20.2	20.3	20.2
Occupied bandwidth (MHz)	17.3	17.4	17.3
Measurement uncertainty (kHz)	<± 8.33		

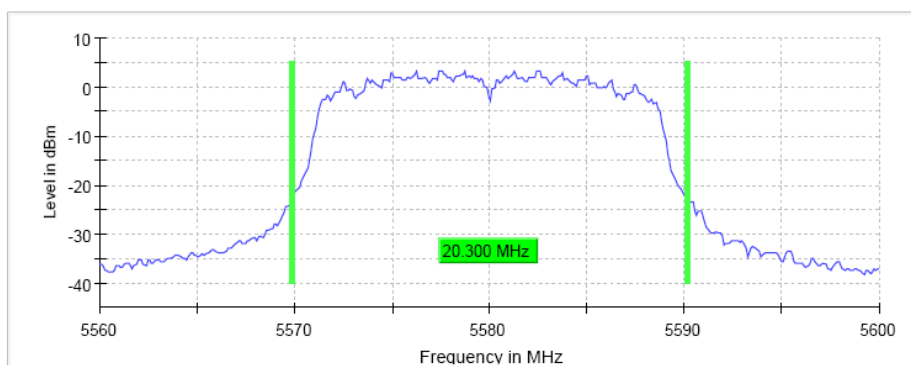
TEST RESULTS (Cont.):

26 dB BANDWIDTH

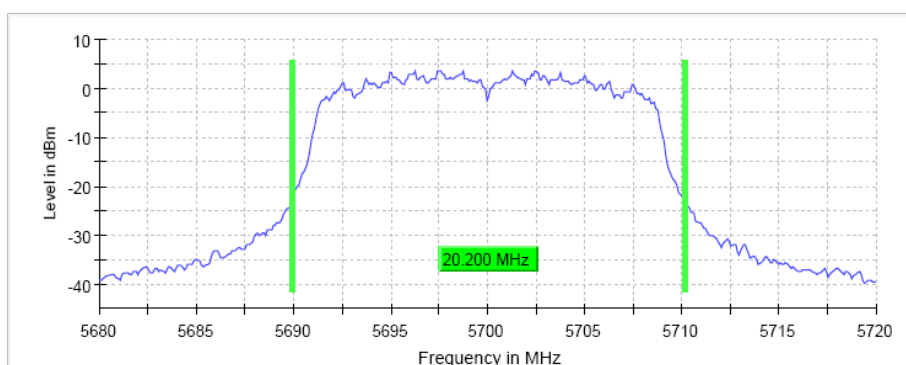
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

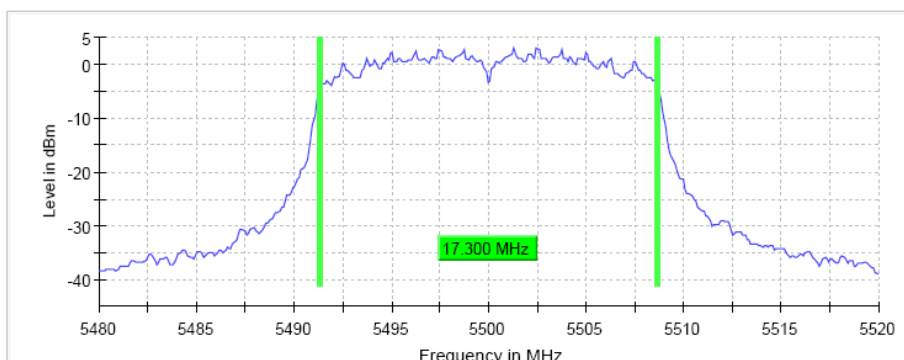
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.48000 GHz	5.56000 GHz	5.68000 GHz
Stop Frequency	5.52000 GHz	5.60000 GHz	5.72000 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	28.443 μ s	28.443 μ s	28.443 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
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	63 / max. 150	47 / max. 150	66 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.16 dB	0.00 dB	0.00 dB

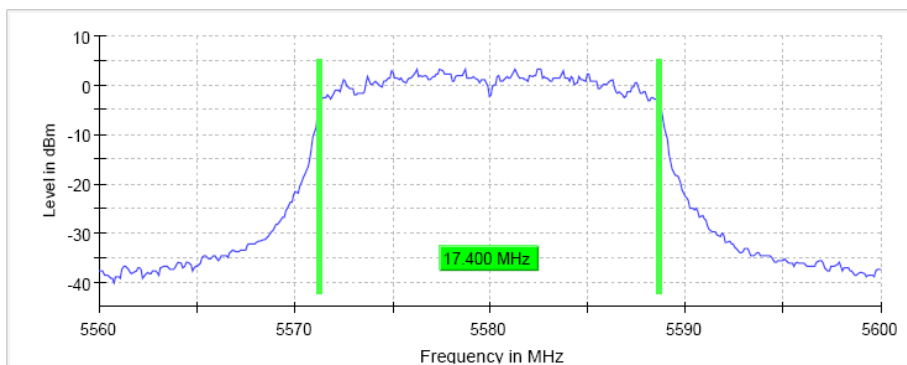
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

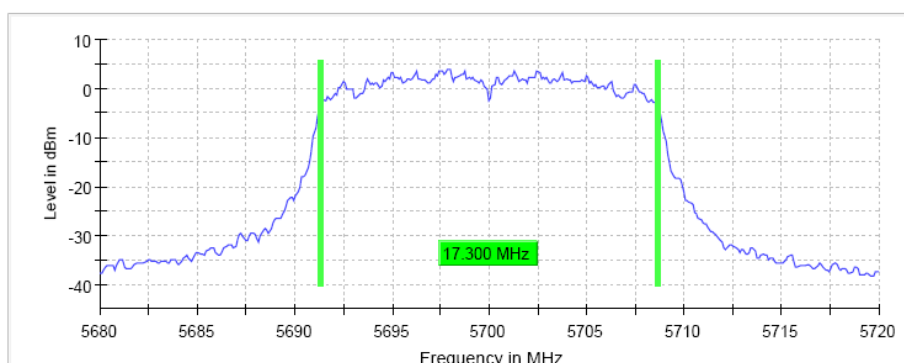
Lowest Channel



Middle Channel



Highest Channel

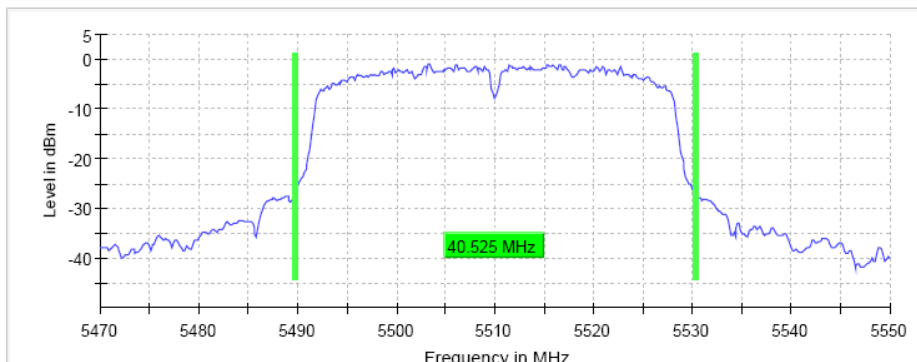


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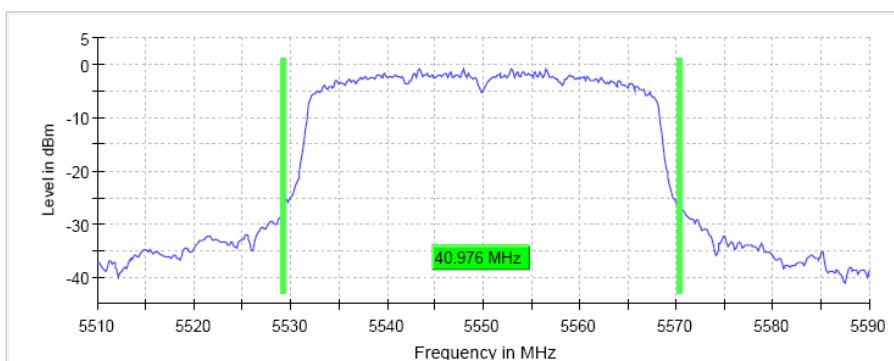
TEST RESULTS (Cont.):

26 dB BANDWIDTH

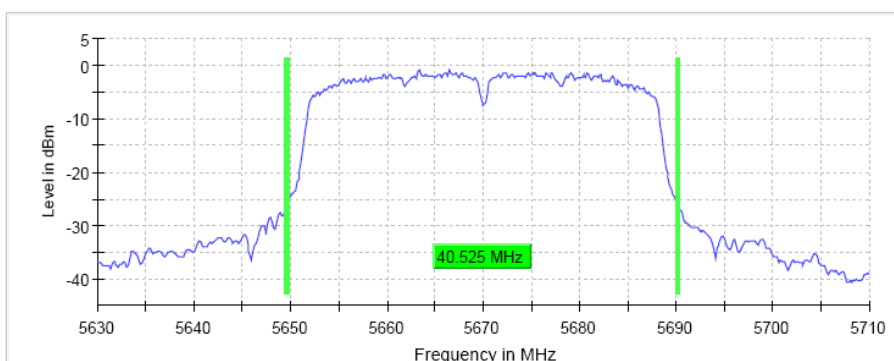
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

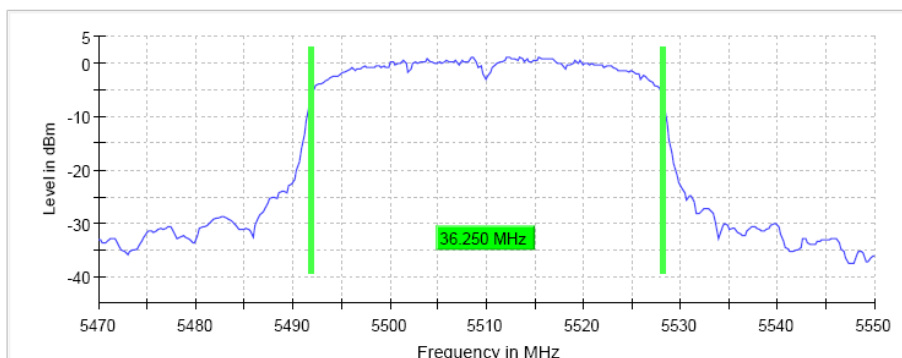
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.47000 GHz	5.5100 GHz	5.63000 GHz
Stop Frequency	5.55000 GHz	5.59000 GHz	5.71000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	267	267	267
Sweeptime	31.603 us	31.603 us	31.603 us
Reference Level	10.000 dBm	10.000 dBm	20.000 dBm
Attenuation	30.000 dB	30.000 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
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	59 / max. 150	82 / max. 150	76 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable	0.11 dB	0.21 dB	0.17 dB

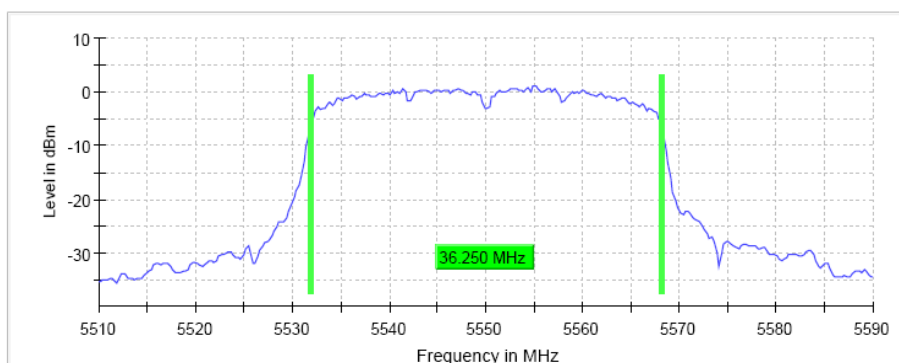
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

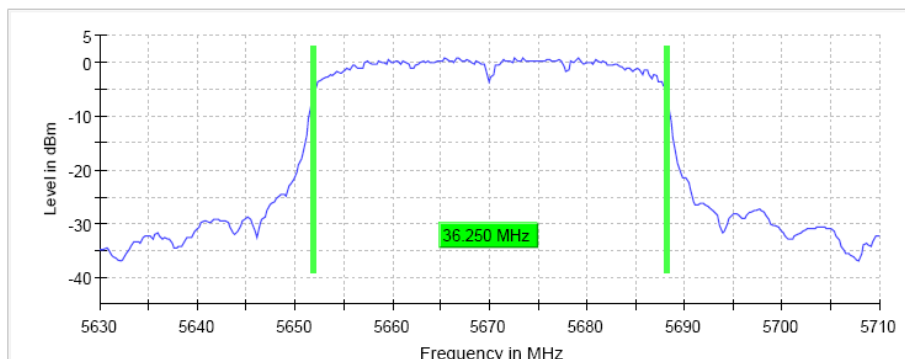
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)			
Measurement			
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.47000 GHz	5.5100 GHz	5.63000 GHz
Stop Frequency	5.55000 GHz	5.59000 GHz	5.71000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz	2.000 MHz
SweepPoints	320	320	320
Sweptime	18.906 us	18.906 us	18.906 us
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
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	95 / max. 150	89 / max. 150	78 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable	0.04 dB	0.05 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

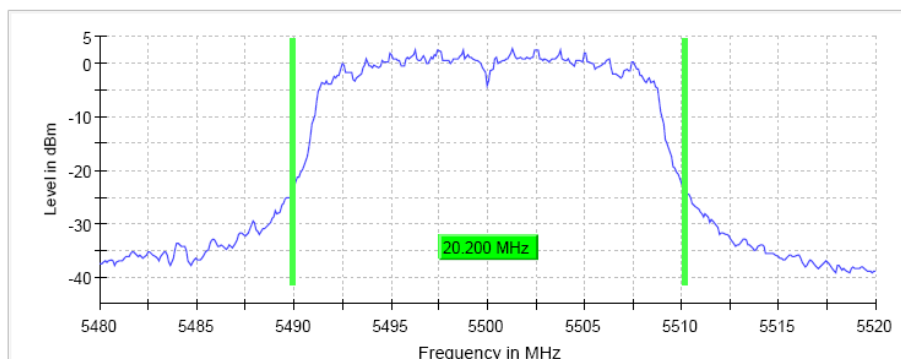
Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5500 MHz	5580 MHz	5700 MHz
26db bandwidth (MHz)	20.2	20.1	20.0
Occupied bandwidth (MHz)	17.4	17.4	17.4
Measurement uncertainty (kHz)	<± 8.33		

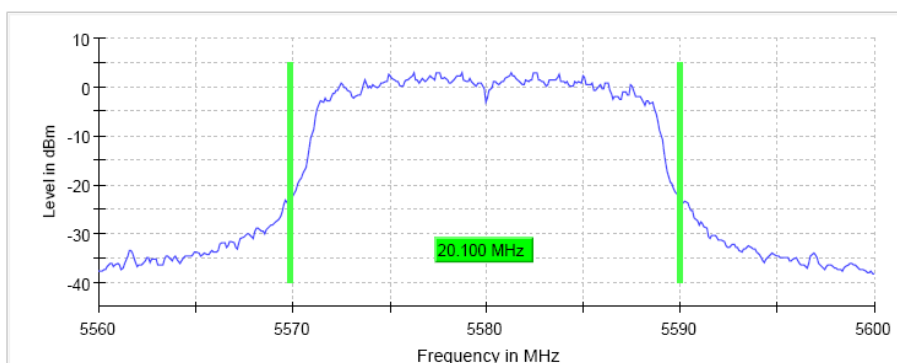
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

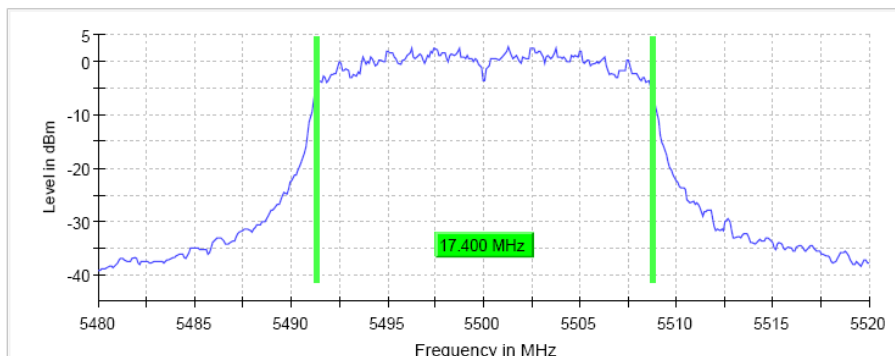
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.48000 GHz	5.56000 GHz	5.68000 GHz
Stop Frequency	5.52000 GHz	5.60000 GHz	5.72000 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	28.443 μ s	28.443 μ s	28.443 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
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	50 / max. 150	50 / max. 150	54 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.05 dB	0.00 dB	0.28 dB

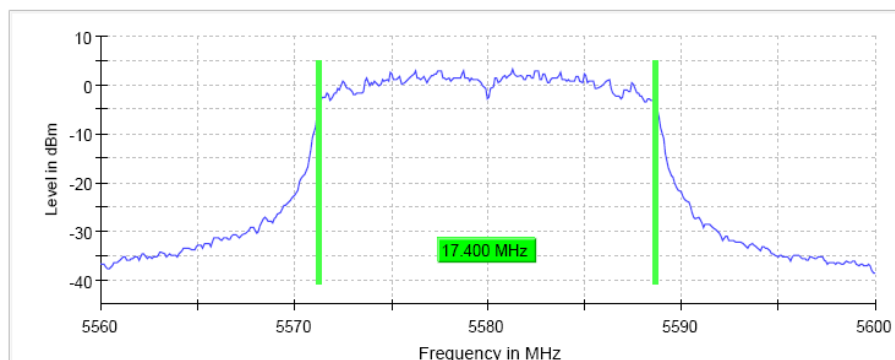
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

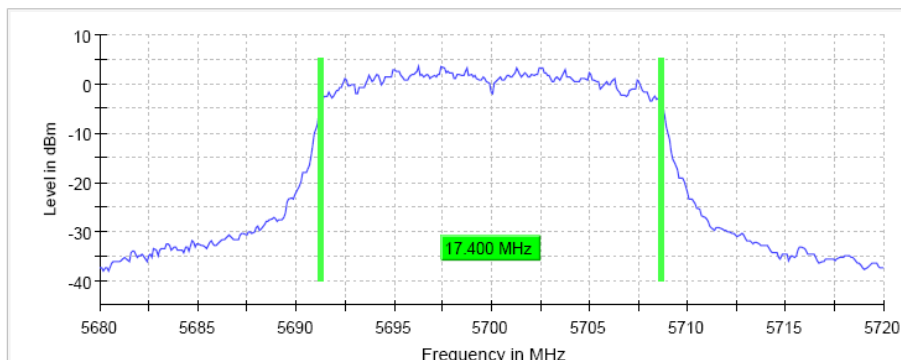
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.48000 GHz	5.56000 GHz	5.68000 GHz
Stop Frequency	5.52000 GHz	5.60000 GHz	5.72000 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
Sweep Points	400	400	400
Sweep time	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	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	78 / max. 150	83 / max. 150	69 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.29 dB	0.29 dB	0.00 dB

TEST RESULTS

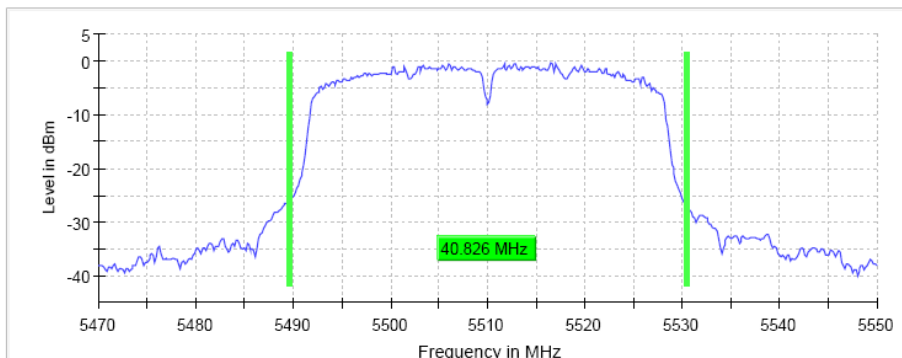
ac mode (40 MHz)

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
26dB bandwidth (MHz)	40.826	40.826	40.976
Occupied bandwidth (MHz)	36.0	36.25	36.25
Measurement uncertainty (kHz)	< $\pm$ 8.33		

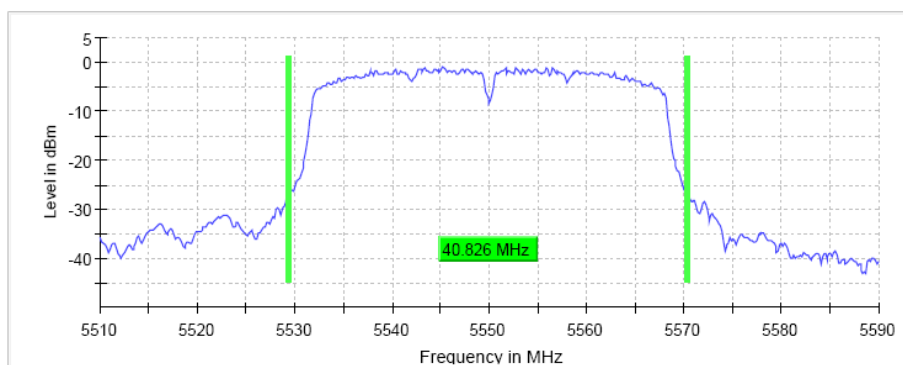
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

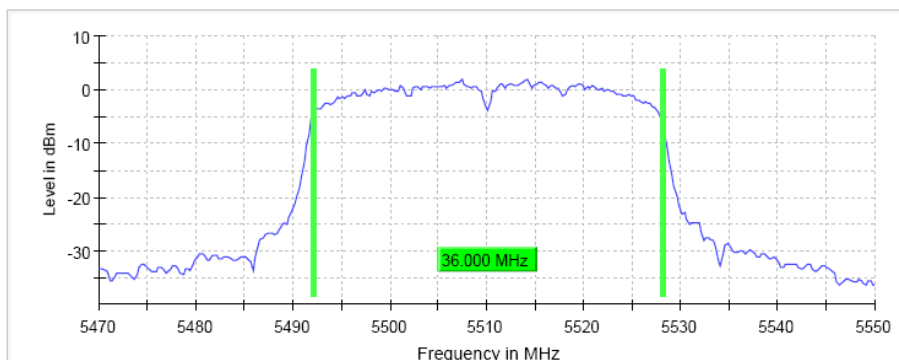
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.47000 GHz	5.51000 GHz	5.63000 GHz
Stop Frequency	5.55000 GHz	5.59000 GHz	5.71000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	267	267	267
SweepTime	31.603 us	31.603 us	31.603 us
Reference Level	10.000 dBm	10.000 dBm	20.000 dBm
Attenuation	30.000 dB	30.000 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
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	67 / max. 150	100 / max. 150	53 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.24 dB	0.21 dB	0.00 dB

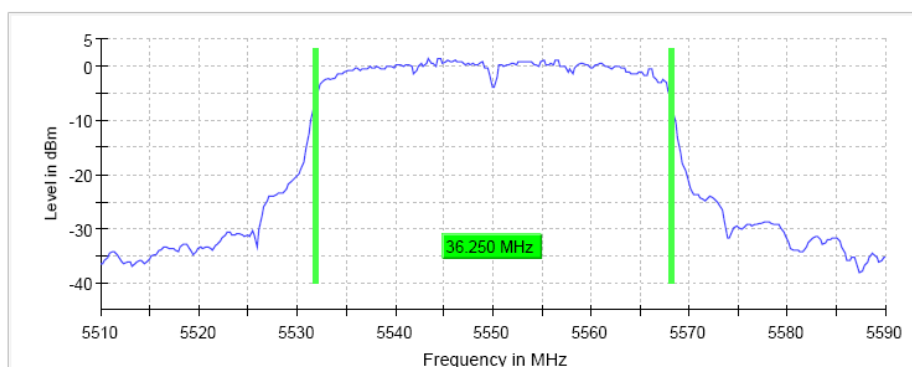
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

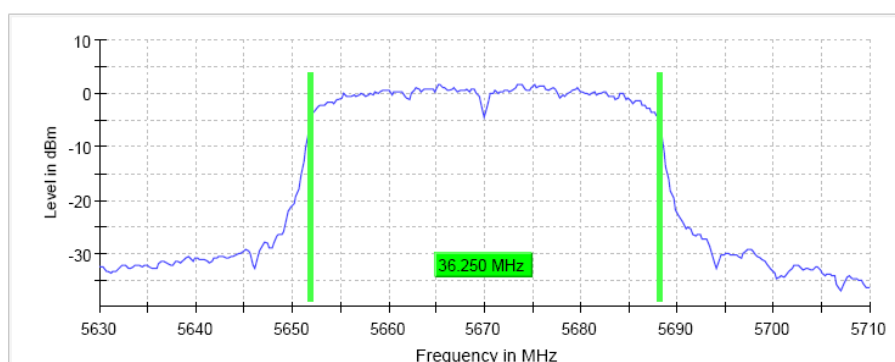
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.47000 GHz	5.51000 GHz	5.63000 GHz
Stop Frequency	5.55000 GHz	5.59000 GHz	5.71000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz	2.000 MHz
SweepPoints	320	320	320
Sweeptime	18.906 μ s	18.906 μ s	18.906 μ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
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	73 / max. 150	77 / max. 150	84 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.15 dB	0.04 dB	0.00 dB

TEST RESULTS

ac mode (80 MHz)

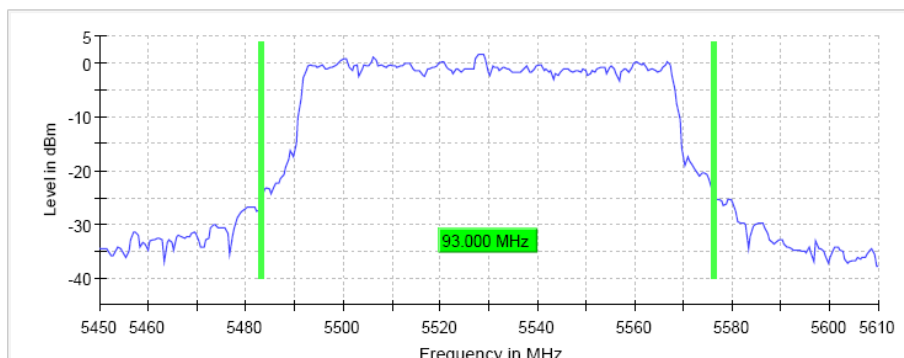
Bandwidth: 80 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5530 MHz	5610 MHz	5690 MHz
26dB bandwidth (MHz)	93.0	93.0	89.5
Occupied bandwidth (MHz)	76.5		76.5
Measurement uncertainty (kHz)	< $\pm$ 8.33		

TEST RESULTS (Cont.):

26 dB BANDWIDTH

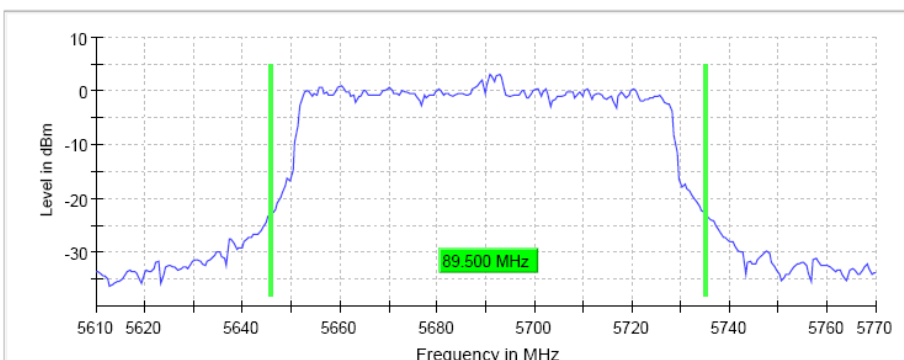
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

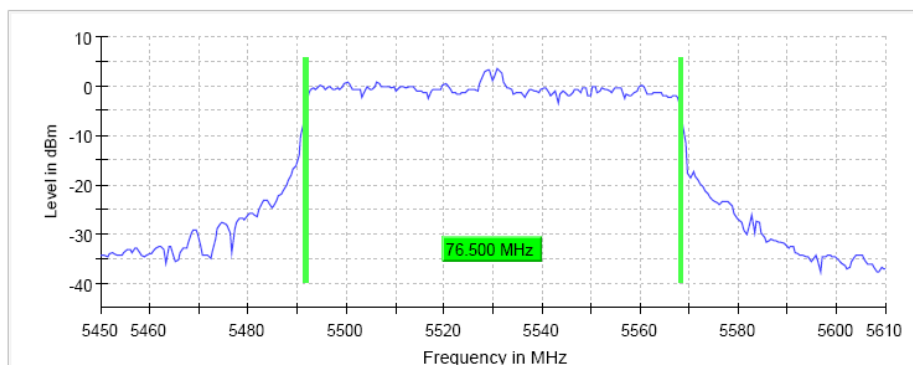
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.45000 GHz	5.53000 GHz	5.61000 GHz
Stop Frequency	5.61000 GHz	5.69000 GHz	5.77000 GHz
Span	160.000 MHz	160.000 MHz	160.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	160	160	160
SweepTime	22.754 μ s	22.754 μ s	22.754 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	86 / max. 150	70 / max. 150	53 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

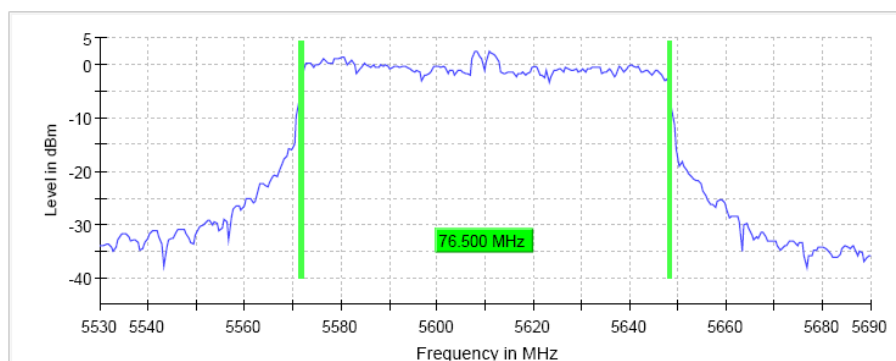
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

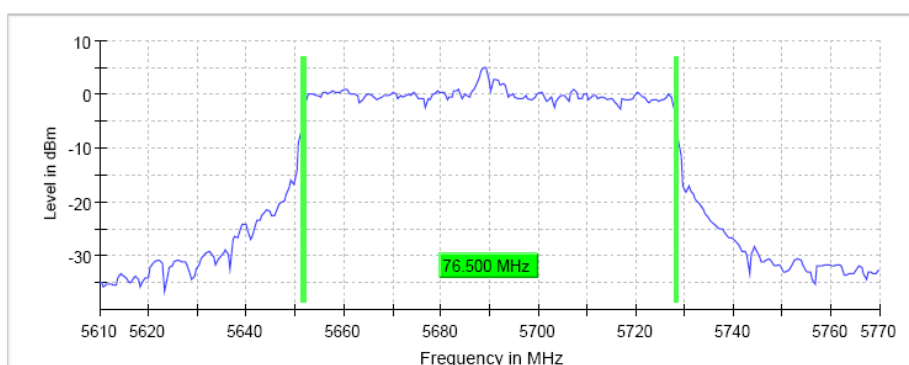
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.45000 GHz	5.53000 GHz	5.61000 GHz
Stop Frequency	5.61000 GHz	5.69000 GHz	5.77000 GHz
Span	160.000 MHz	160.000 MHz	160.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	320	320	320
Sweep time	22.875 μ s	22.875 μ s	22.875 μ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	69 / max. 150	103 / max. 150	100 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.19 dB	0.21 dB	0.00 dB

TEST D.2: POWER LIMITS. MAXIMUM OUTPUT POWER

LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (4) and RSS-247 6.2.1.1

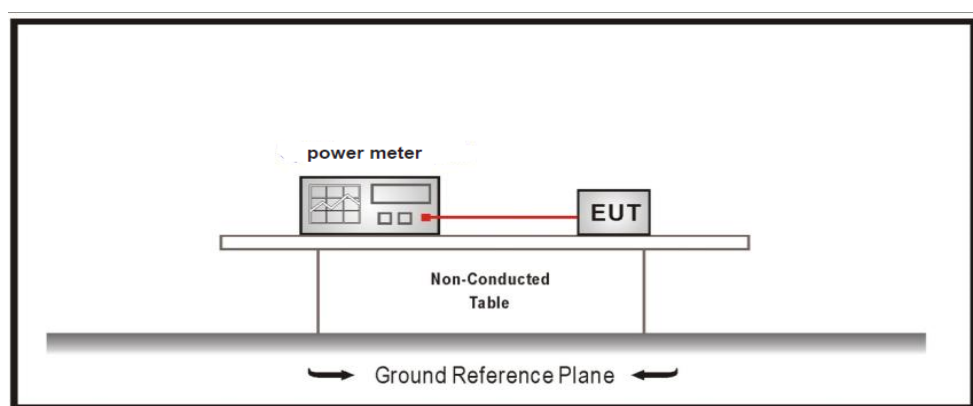
LIMITS

In band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST SETUP

Measured according to ANSI C63.10, Section 11.9.2.3.2 Method AVGPM-G

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

Maximum declared antenna gain: 4.5 dBi

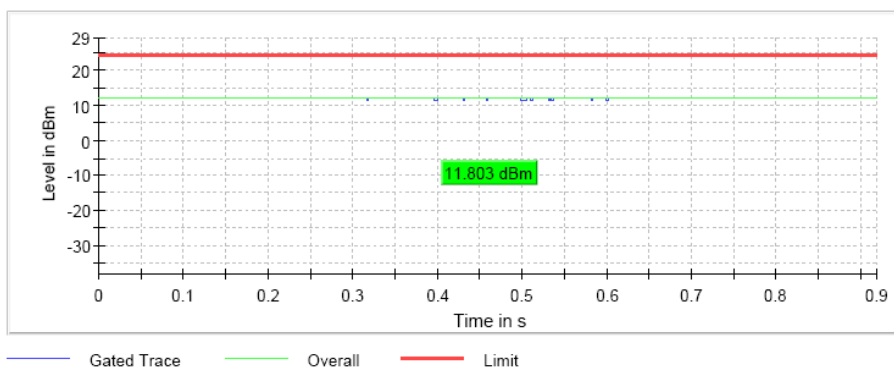
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	11.8	12.4	13.0
Maximum EIRP power (dBm)	16.3	16.9	17.5
Measurement uncertainty (dB)	<±0.78		

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

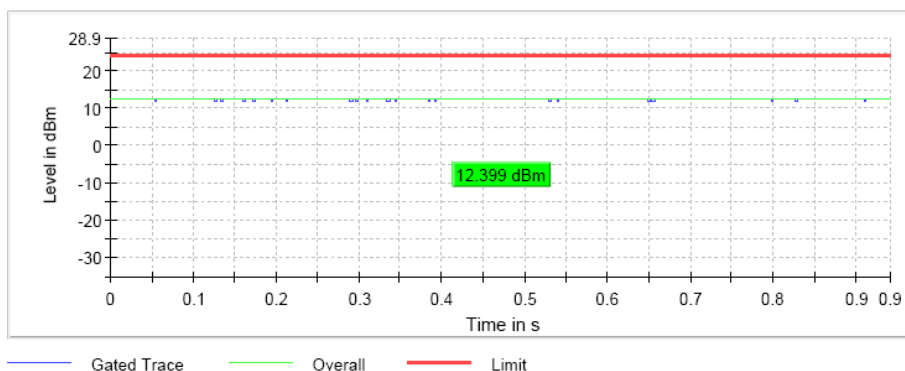
TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

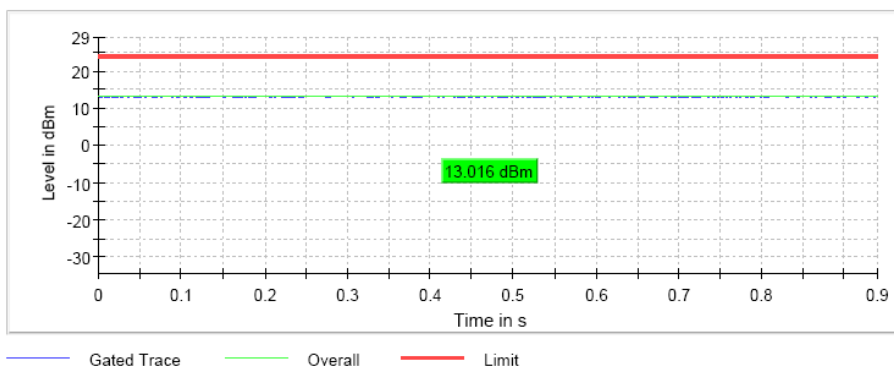
Lowest Channel



Middle Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

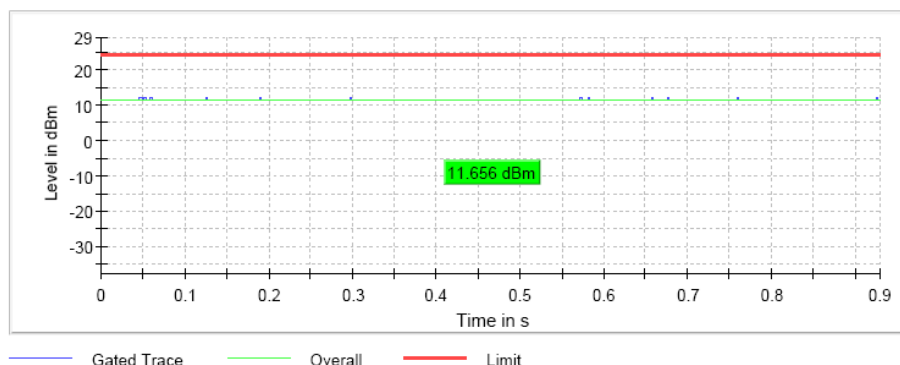
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	11.7	12.2	12.8
Maximum EIRP power (dBm)	16.2	16.7	17.3
Measurement uncertainty (dB)	<±0.78		

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

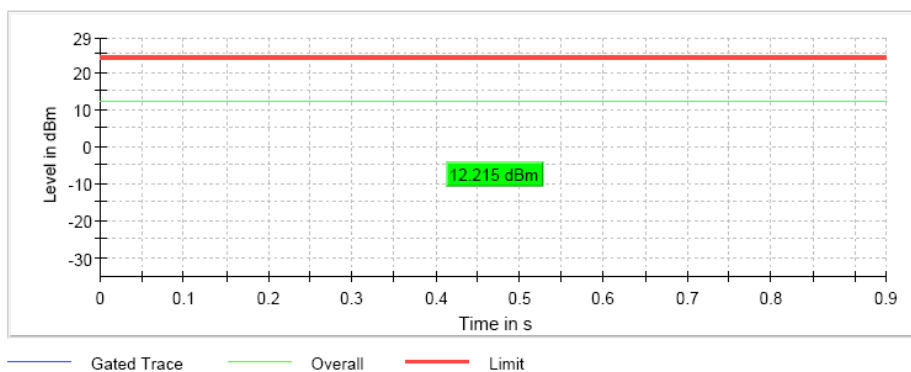
TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER
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Lowest Channel

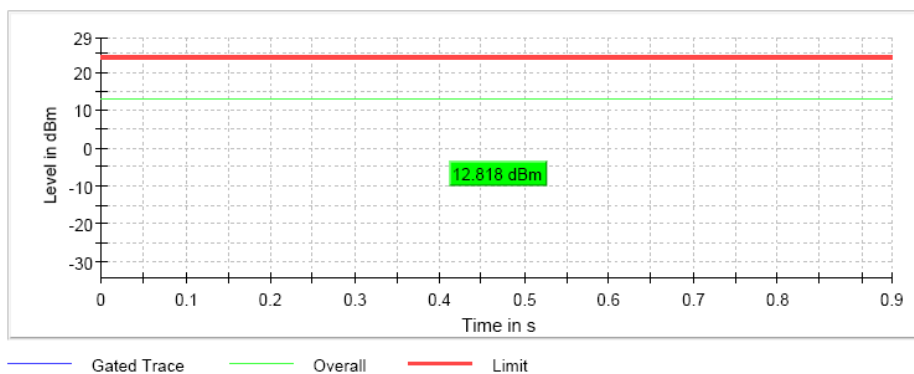


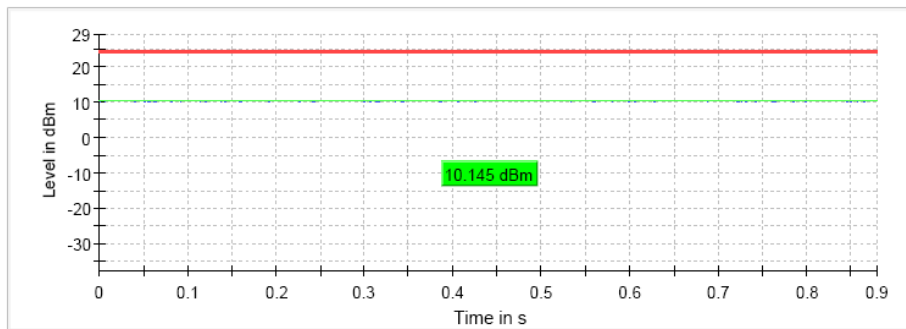
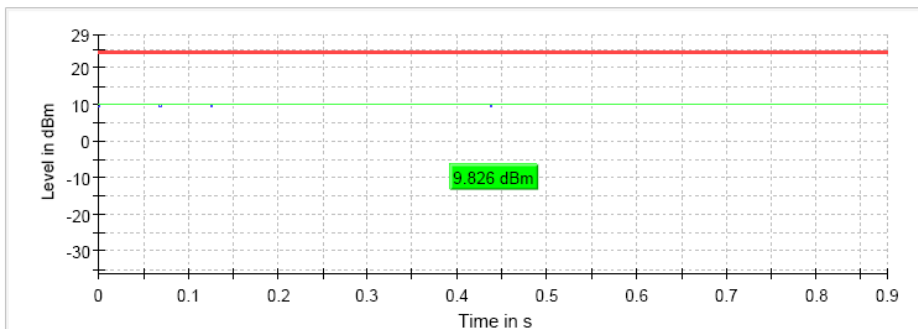
TEST RESULTS (Cont.)

Middle Channel



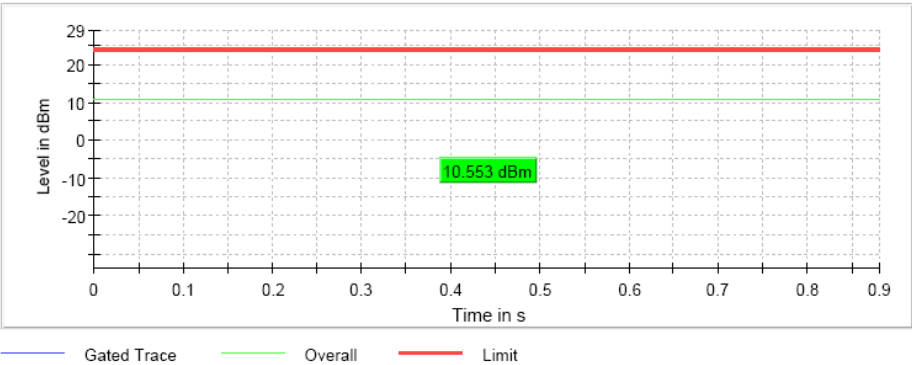
Highest Channel



TEST RESULTS	n Mode (40 MHz)		
Maximum declared antenna gain: 4.5 dBi			
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	10.1	9.8	10.6
Maximum EIRP power (dBm)	14.6	14.3	15.1
Measurement uncertainty (dB)	<±0.78		
The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.			
TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER		
Lowest Channel			
 Level in dBm Time in s 10.145 dBm — Gated Trace — Overall — Limit			
Middle Channel			
 Level in dBm Time in s 9.826 dBm — Gated Trace — Overall — Limit			

TEST RESULTS (Cont.)

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

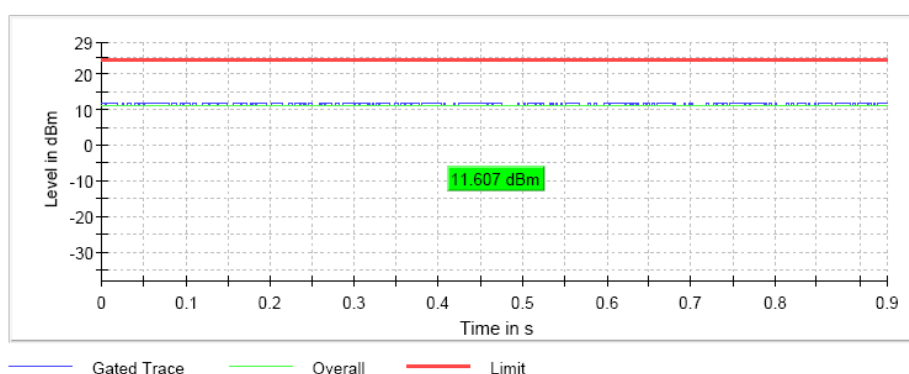
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	11.6	12.2	12.9
Maximum EIRP power (dBm)	16.1	16.7	17.4
Measurement uncertainty (dB)	<±0.78		

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

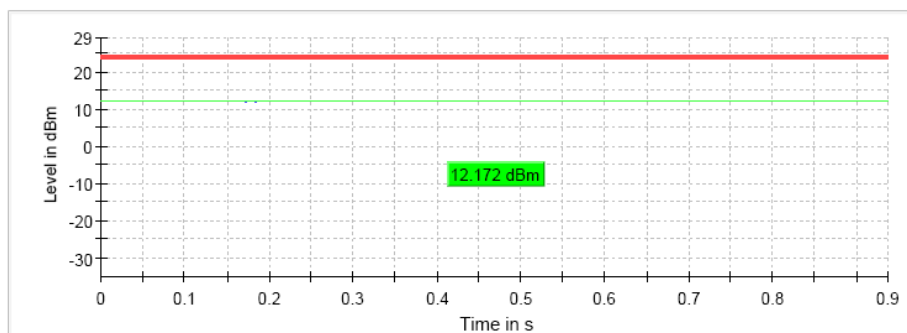
TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER
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Lowest Channel



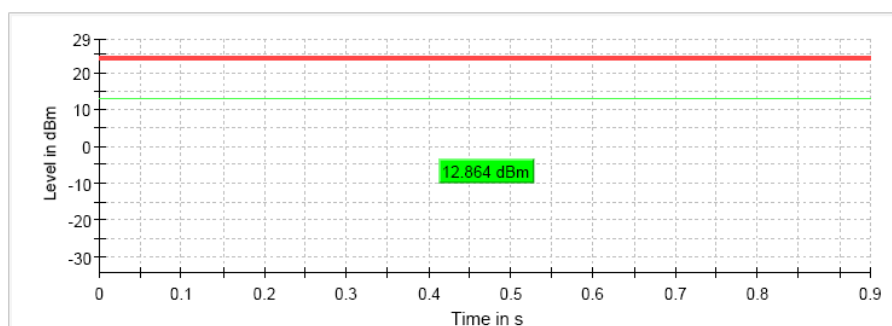
TEST RESULTS (Cont.)

Middle Channel

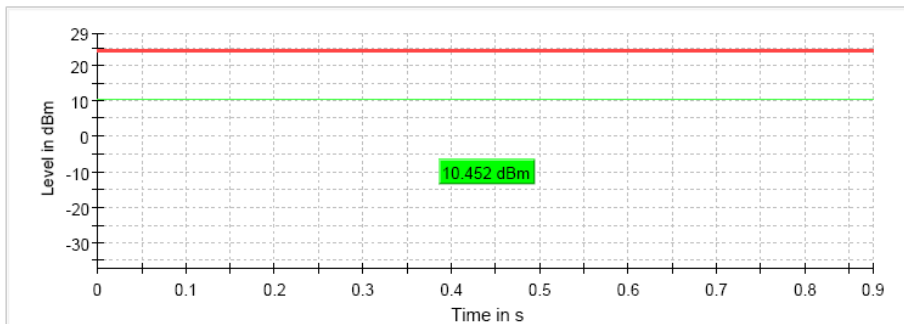
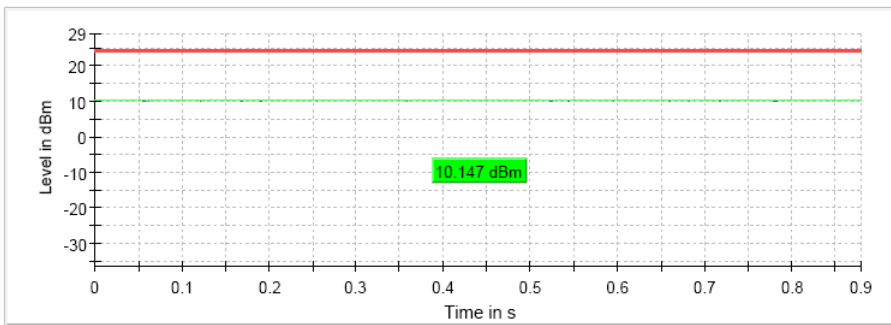


— Gated Trace — Overall — Limit

Highest Channel

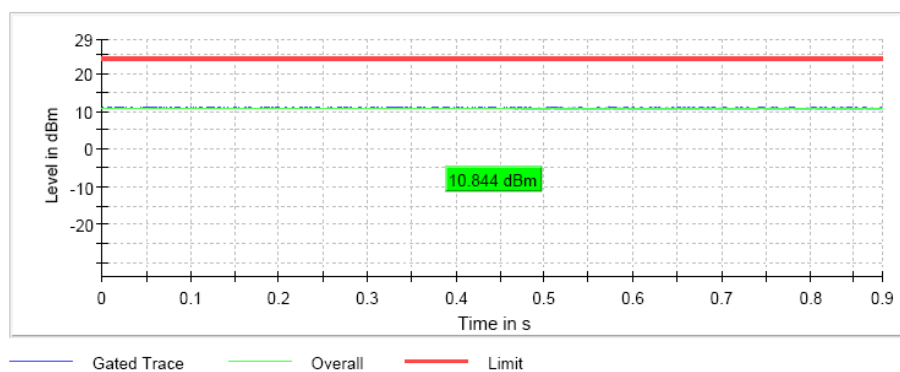


— Gated Trace — Overall — Limit

TEST RESULTS	ac mode (40 MHz)		
Maximum declared antenna gain: 4.5 dBi			
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	10.5	10.1	10.8
Maximum EIRP power (dBm)	15.0	14.6	15.3
Measurement uncertainty (dB)	<±0.78		
The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.			
TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER		
Lowest Channel			
 Level in dBm Time in s — Gated Trace — Overall — Limit			
Middle Channel			
 Level in dBm Time in s — Gated Trace — Overall — Limit			

TEST RESULTS (Cont.)

Highest Channel

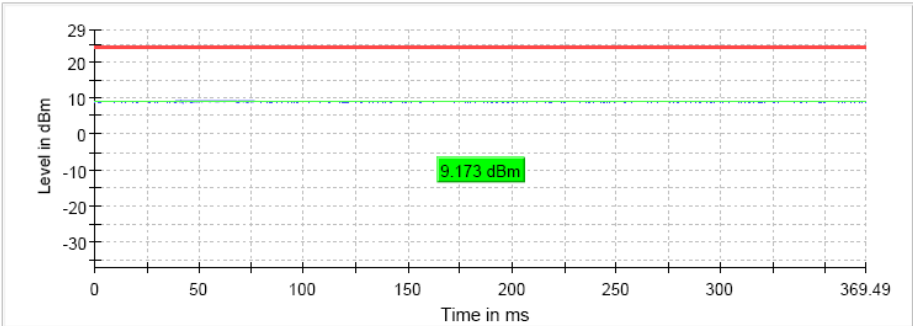


TEST RESULTS	ac mode (80 MHz)		
Maximum declared antenna gain: 4.5 dBi			
	Lowest frequency 5530 MHz	Middle frequency 5610 MHz	Highest frequency 5690 MHz
Maximum conducted power (dBm)	9.2	9.2	9.7
Maximum EIRP power (dBm)	13.7	13.7	14.2
Measurement uncertainty (dB)	<±0.78		

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER		
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Lowest Channel



Level in dBm

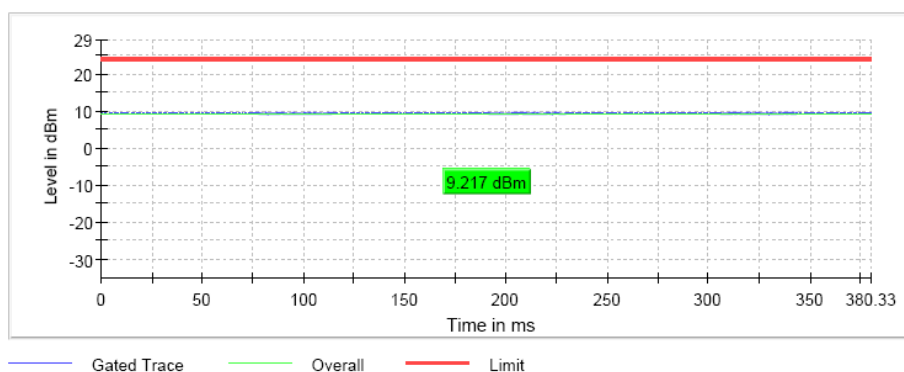
Time in ms

9.173 dBm

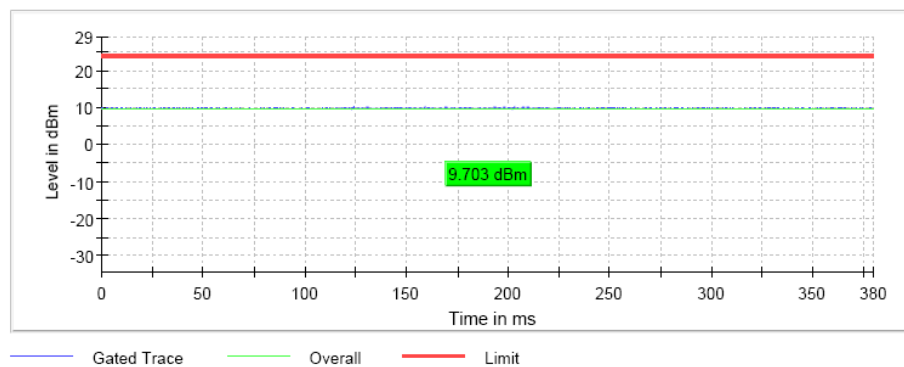
— Gated Trace — Overall — Limit

TEST RESULTS (Cont.)

Middle Channel



Highest Channel



TEST D.3: POWER SPECTRAL DENSITY

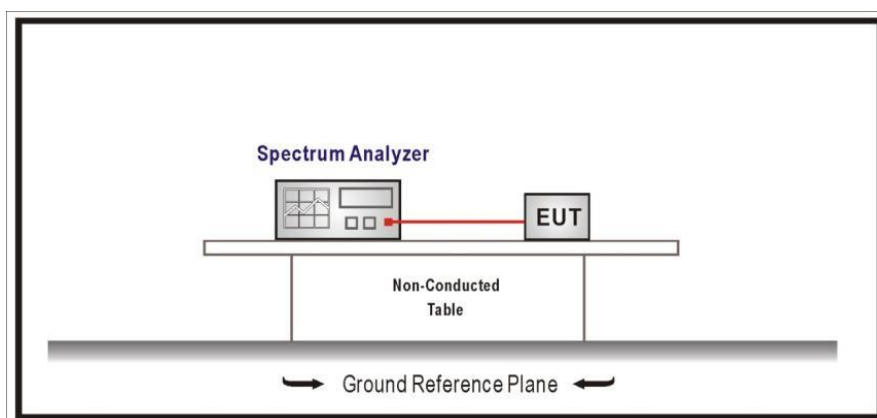
LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (5) and RSS-247 6.2.1.1

LIMITS

In the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST SETUP

For all modes, the maximum power spectral density level in the fundamental emission was measured using the method according to point F) (Method SA-1) of Guidance 789033 D02 General UNII Test Procedures New Rules v01.



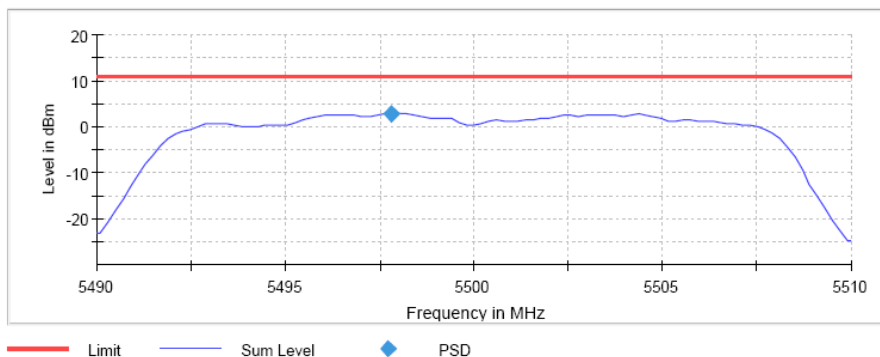
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

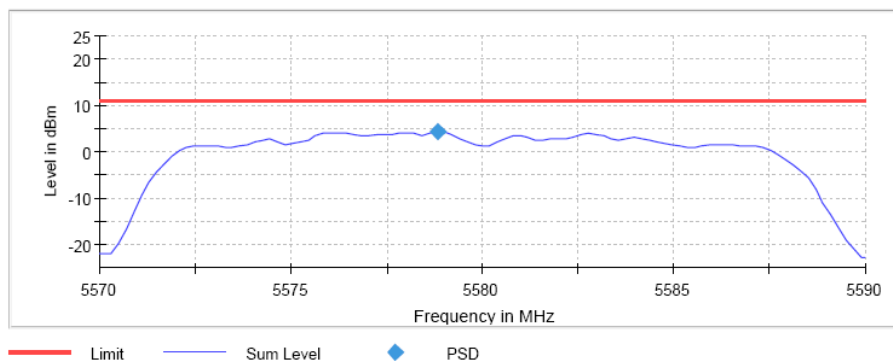
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	2.911	4.452	4.553
Measurement uncertainty (dB)	<±0.78		

TEST RESULTS (Cont.):

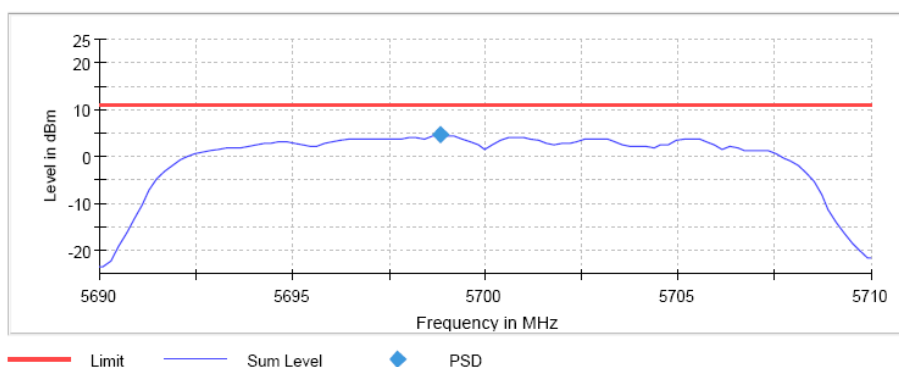
Low Channel



Middle Channel



High Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
SweepTime	2.020 s	2.020 s	2.020 s
Reference Level	20.000 dBm	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB	40.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.06 dB	0.06 dB	0.05 dB

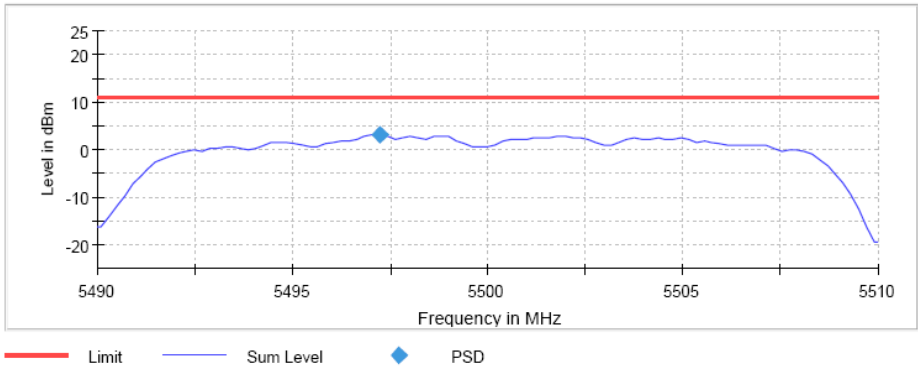
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	3.077	4.311	4.468
Measurement uncertainty (dB)	<±0.78		

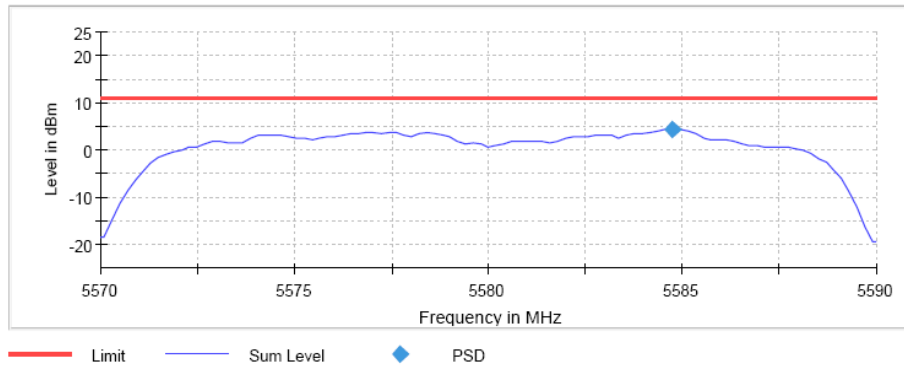
TEST RESULTS (Cont.):	
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Low Channel

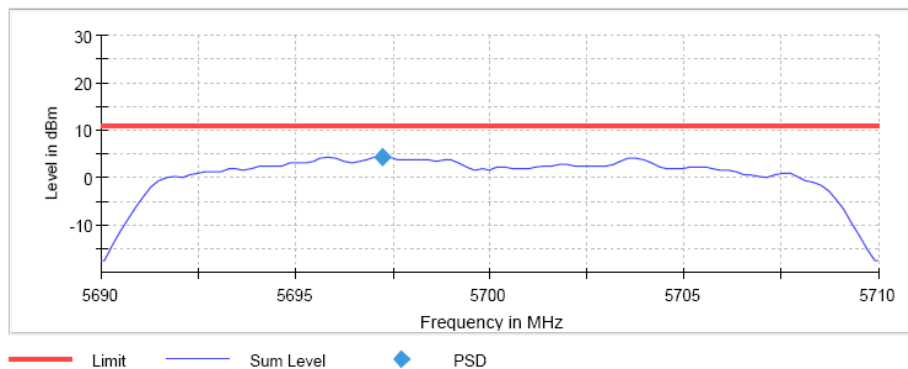


TEST RESULTS (Cont.):

Middle Channel



High Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.59000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.61000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
Sweeptime	2.020 s	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm	20.000 dBm
Attenuation	30.000 dB	30.000 dB	40.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.04 dB	0.05 dB	0.05 dB

TEST RESULTS (Cont.):

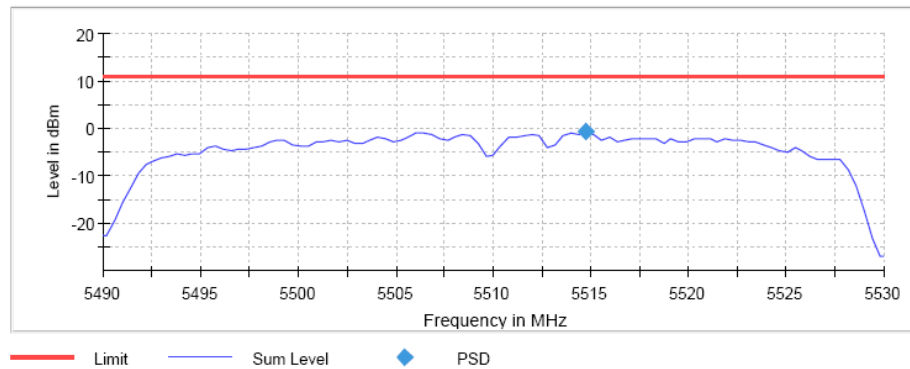
n Mode

Bandwidth: 40 MHz

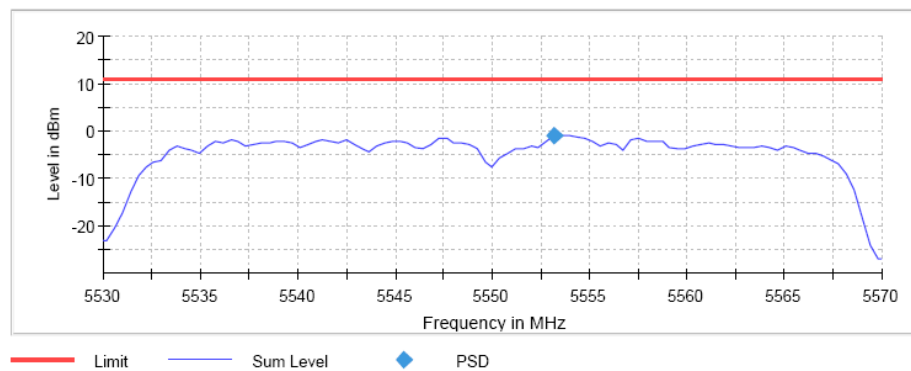
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Power spectral density (dBm)	-0.602	-0.902	-0.007
Measurement uncertainty (dB)	<±0.78		

TEST RESULTS (Cont.):

Lowest Channel

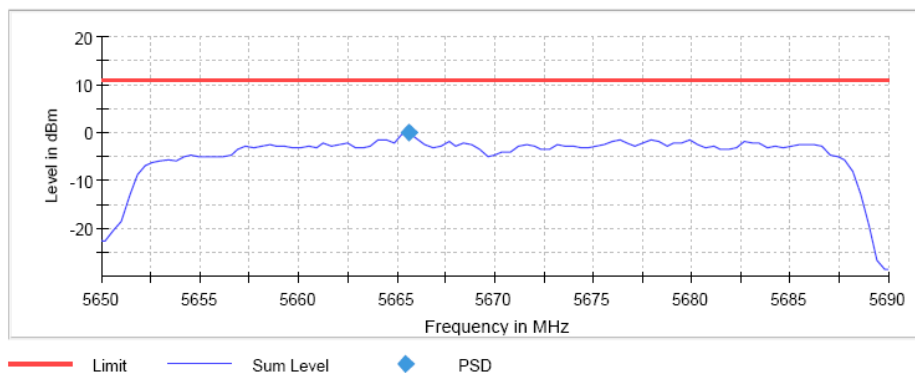


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

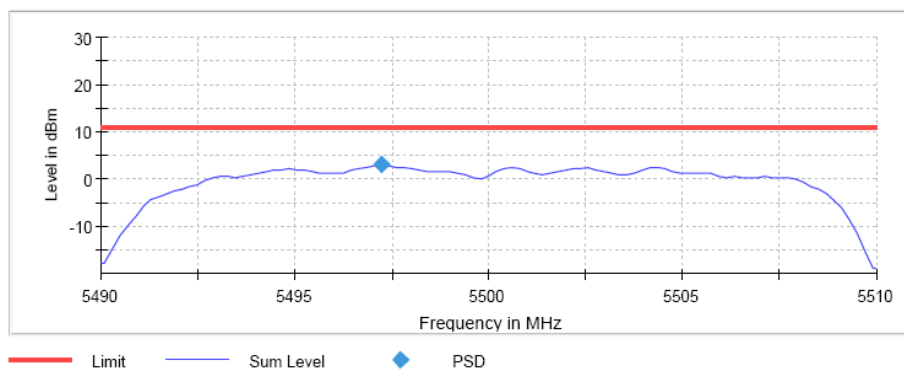
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.53000 GHz	5.61000 GHz	5.73000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
SweepTime	2.020 s	2.020 s	2.020 s
Reference Level	10.000 dBm	20.000 dBm	20.000 dBm
Attenuation	30.000 dB	40.000 dB	40.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.05 dB	0.05 dB	0.03 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

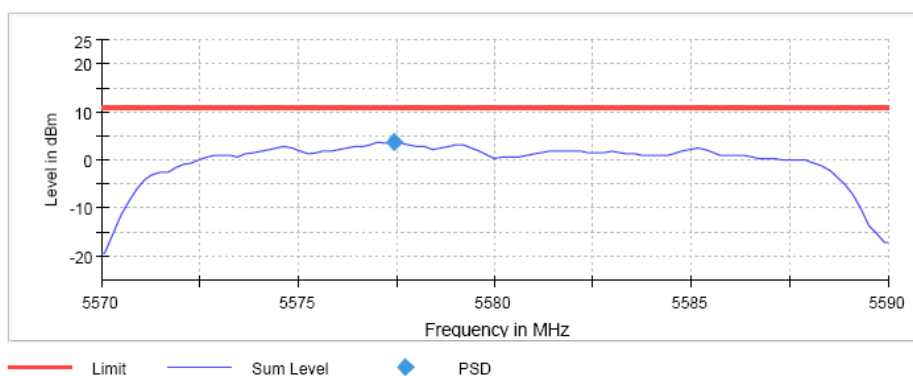
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	2.982	3.640	4.920
Measurement uncertainty (dB)	<±0.78		

Lowest Channel

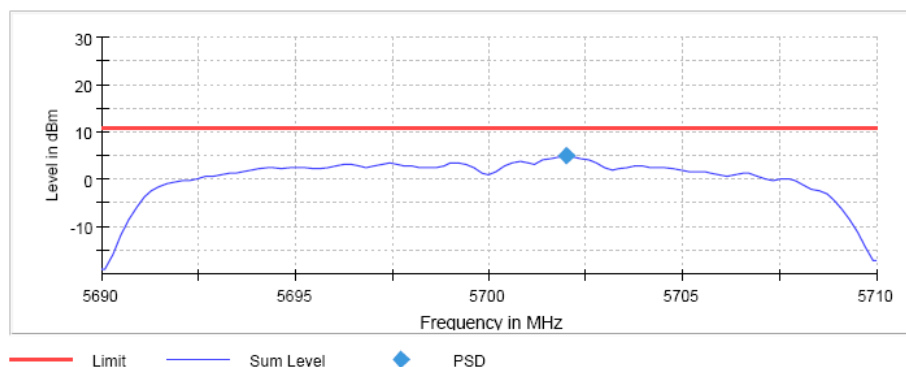


Middle Channel



TEST RESULTS (Cont.)

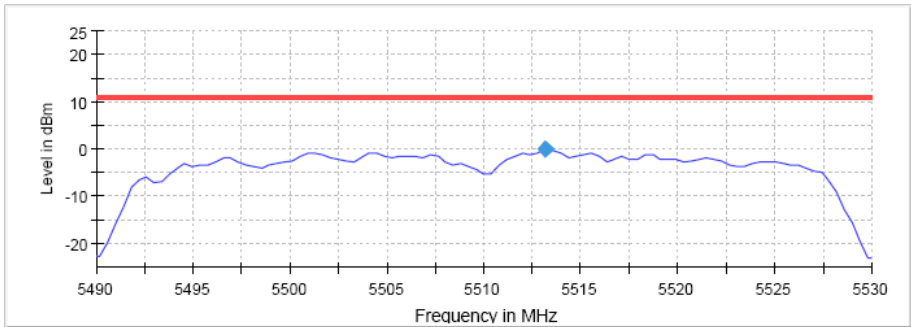
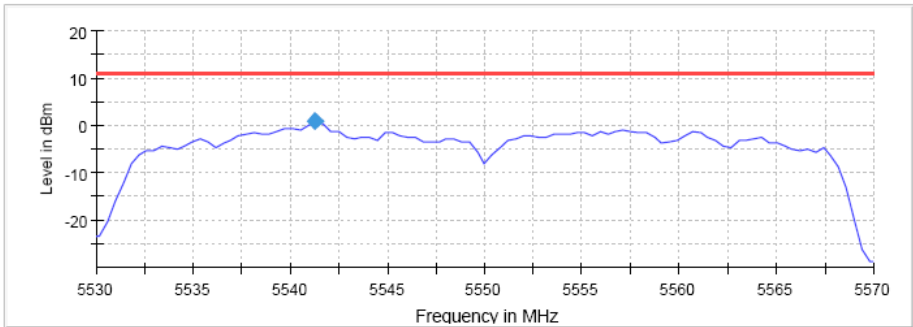
Highest Channel



Measurement

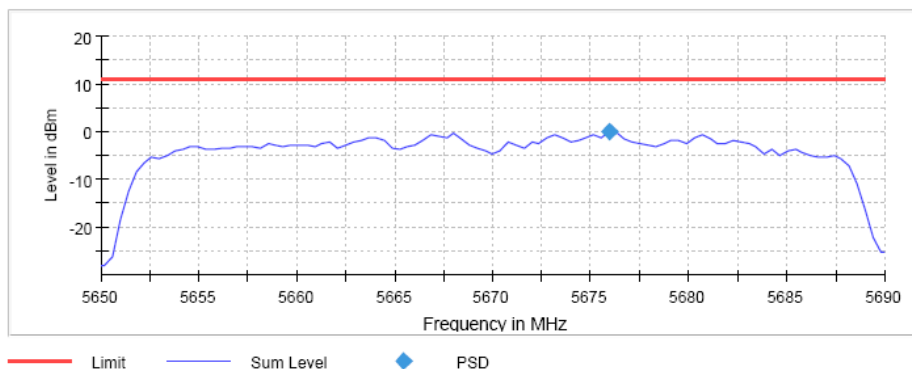
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
Sweeptime	2.020 s	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm	20.000 dBm
Attenuation	30.000 dB	30.000 dB	40.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	Sweep	Sweep	Sweep
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.04 dB	0.06 dB	0.06 dB

TEST RESULTS		ac Mode (40 MHz)		
		Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5570 MHz
Power spectral density (dBm)		0.018	0.873	-0.130
Measurement uncertainty (dB)		<±0.78		

TEST RESULTS (Cont.):				
Lowest Channel				
		 — Limit — Sum Level ◆ PSD		
Middle Channel		 — Limit — Sum Level ◆ PSD		

TEST RESULTS (Cont.):

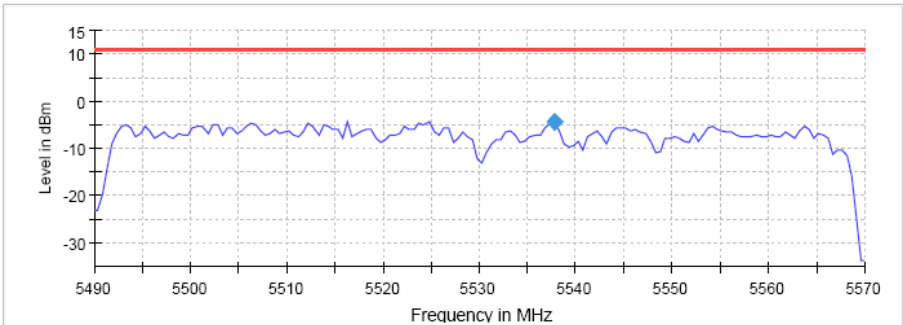
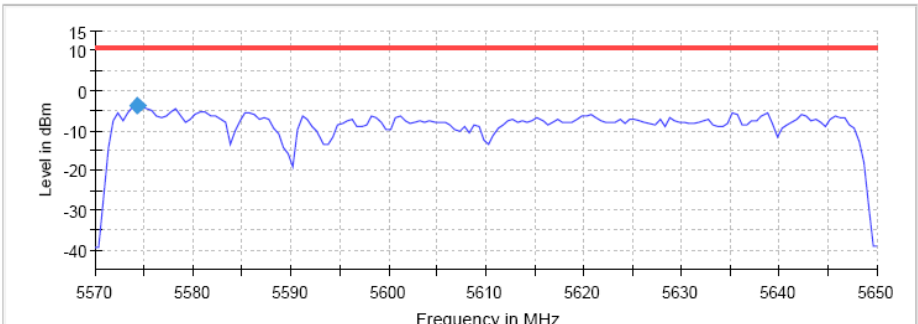
Highest Channel



Measurement

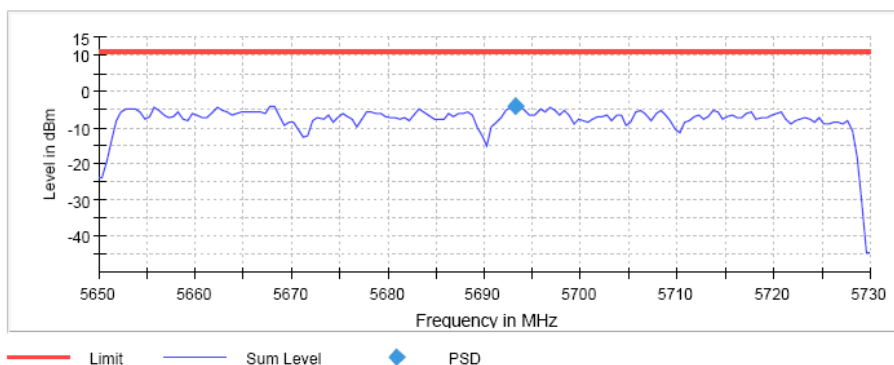
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
SweepTime	2.020 s	2.020 s	2.020 s
Reference Level	10.000 dBm	20.000 dBm	10.000 dBm
Attenuation	30.000 dB	40.000 dB	30.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	Sweep	Sweep	Sweep
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.07 dB	0.11 dB	0.04 dB

TEST RESULTS		ac Mode (80 MHz)	
	Lowest frequency 5530 MHz	Middle frequency 5610 MHz	Highest frequency 5690 MHz
Power spectral density (dBm)	-4.243	-3.683	-4.141
Measurement uncertainty (dB)	<±0.78		

TEST RESULTS (Cont.):	
Lowest Channel  — Limit — Sum Level ◆ PSD	
Middle Channel  — Limit — Sum Level ◆ PSD	

TEST RESULTS (Cont.):

Highest Channel



Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.65000 GHz
Stop Frequency	5.57000 GHz	5.65000 GHz	5.73000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	160	160	160
Sweeptime	3.200 s	3.200 s	3.200 s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	Sweep	Sweep	Sweep
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.11 dB	0.11 dB	0.17 dB

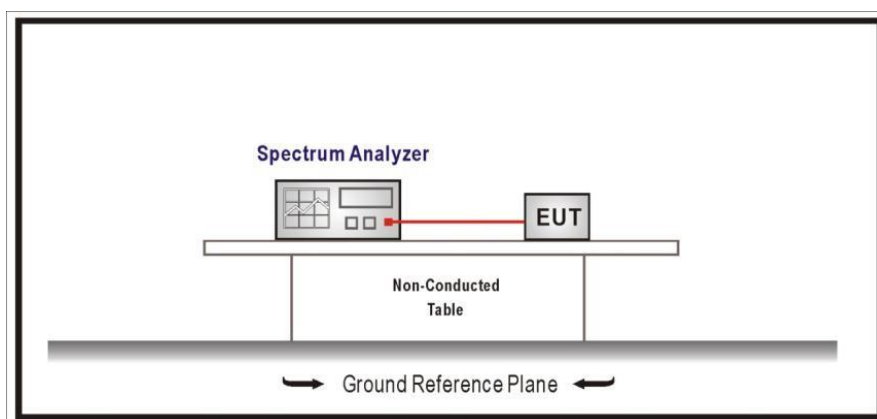
TEST D.4: BAND-EDGE EMISSIONS COMPLIANCE (TRANSMITTER)

LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(b)(1) and RSS-247 6.2.1.2

LIMITS

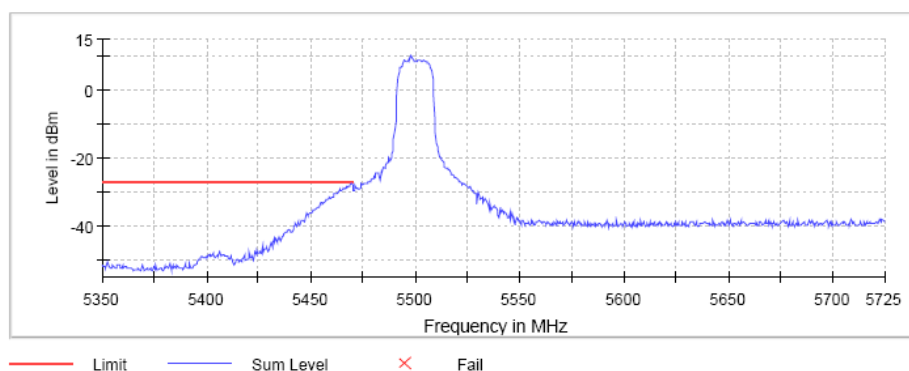
For transmitters operating in the 5.15 – 5.25 GHz band: all emissions outside the frequency band shall not exceed an EIRP of -27 dBm /MHz

TEST SETUP



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

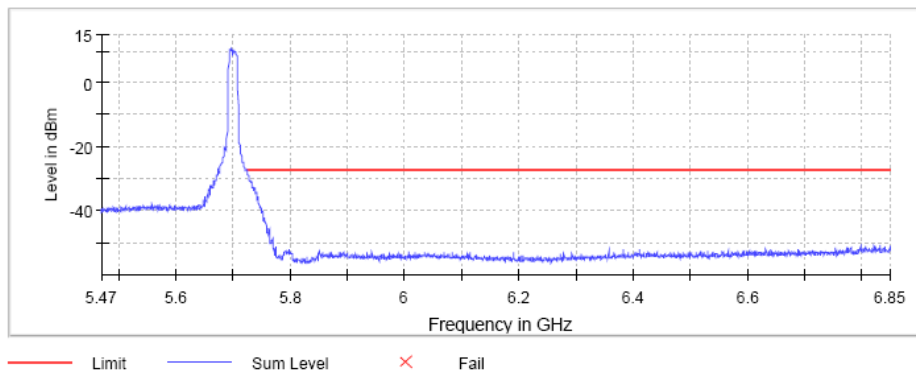
Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5469.250000	-27.5	0.5	-27.0	PASS
5468.750000	-27.8	0.8	-27.0	PASS
5469.750000	-27.9	0.9	-27.0	PASS
5468.250000	-28.1	1.1	-27.0	PASS
5466.750000	-28.2	1.2	-27.0	PASS
5467.750000	-28.2	1.2	-27.0	PASS
5465.750000	-28.7	1.7	-27.0	PASS
5467.250000	-28.7	1.7	-27.0	PASS
5466.250000	-29.0	2.0	-27.0	PASS
5463.750000	-29.2	2.2	-27.0	PASS
5465.250000	-29.2	2.2	-27.0	PASS
5464.250000	-29.7	2.7	-27.0	PASS
5464.750000	-29.7	2.7	-27.0	PASS
5463.250000	-29.9	2.9	-27.0	PASS
5462.250000	-30.4	3.4	-27.0	PASS

TEST RESULTS (Cont.):

Highest Channel

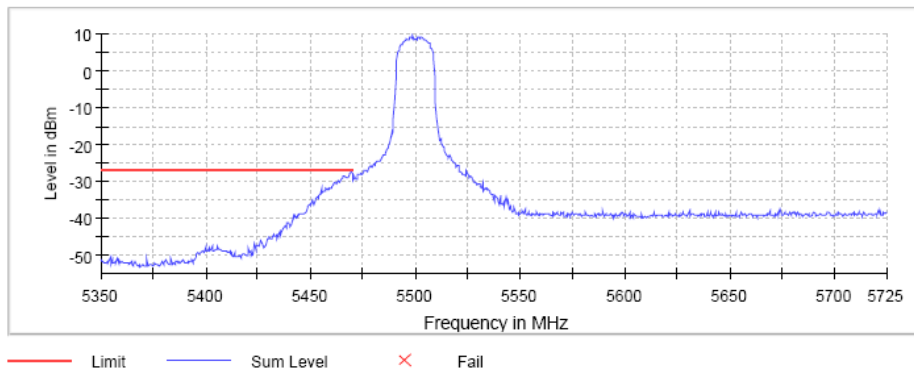


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5725.250000	-27.8	0.8	-27.0	PASS
5725.750000	-28.7	1.7	-27.0	PASS
5726.250000	-29.0	2.0	-27.0	PASS
5727.250000	-29.3	2.3	-27.0	PASS
5726.750000	-29.3	2.3	-27.0	PASS
5728.250000	-29.9	2.9	-27.0	PASS
5727.750000	-30.0	3.0	-27.0	PASS
5730.250000	-30.3	3.3	-27.0	PASS
5728.750000	-30.4	3.4	-27.0	PASS
5730.750000	-30.4	3.4	-27.0	PASS
5729.750000	-30.6	3.6	-27.0	PASS
5731.250000	-30.7	3.7	-27.0	PASS
5729.250000	-30.8	3.8	-27.0	PASS
5731.750000	-31.0	4.0	-27.0	PASS
5732.750000	-31.3	4.3	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

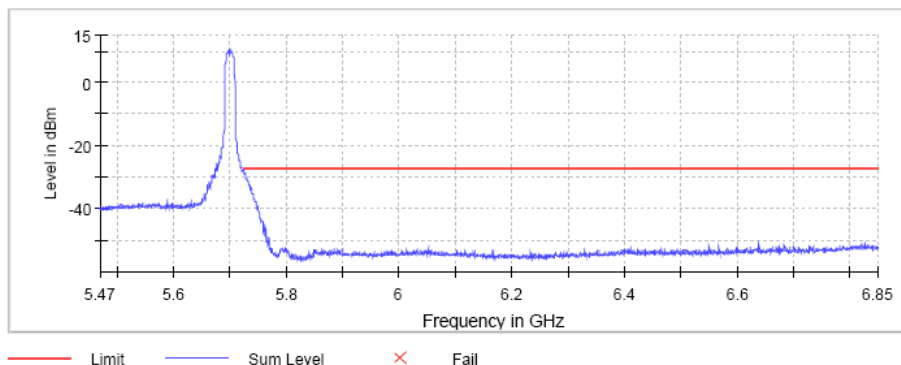
Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5469.250000	-27.4	0.4	-27.0	PASS
5469.750000	-27.7	0.7	-27.0	PASS
5468.750000	-27.7	0.7	-27.0	PASS
5468.250000	-28.2	1.2	-27.0	PASS
5466.250000	-28.6	1.6	-27.0	PASS
5465.750000	-28.8	1.8	-27.0	PASS
5466.750000	-28.8	1.8	-27.0	PASS
5467.250000	-28.9	1.9	-27.0	PASS
5467.750000	-28.9	1.9	-27.0	PASS
5465.250000	-29.0	2.0	-27.0	PASS
5464.750000	-29.6	2.6	-27.0	PASS
5463.250000	-30.0	3.0	-27.0	PASS
5463.750000	-30.0	3.0	-27.0	PASS
5464.250000	-30.1	3.1	-27.0	PASS
5461.750000	-30.1	3.1	-27.0	PASS

TEST RESULTS (Cont.):

Highest Channel

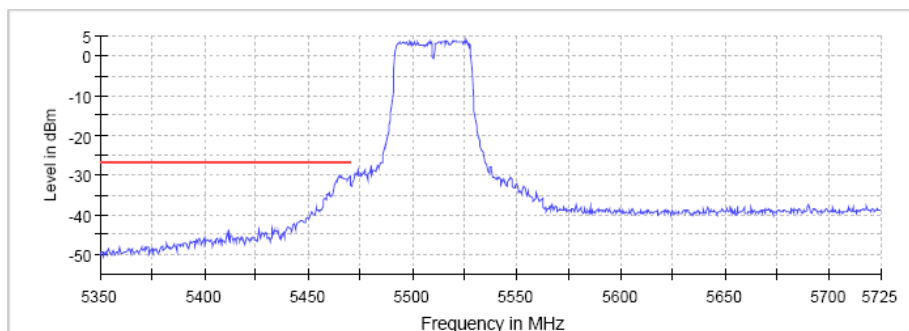


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5726.250000	-28.6	1.6	-27.0	PASS
5725.250000	-28.9	1.9	-27.0	PASS
5725.750000	-29.1	2.1	-27.0	PASS
5726.750000	-29.1	2.1	-27.0	PASS
5727.750000	-30.0	3.0	-27.0	PASS
5728.250000	-30.2	3.2	-27.0	PASS
5727.250000	-30.2	3.2	-27.0	PASS
5729.250000	-30.6	3.6	-27.0	PASS
5730.750000	-30.6	3.6	-27.0	PASS
5730.250000	-30.6	3.6	-27.0	PASS
5728.750000	-30.7	3.7	-27.0	PASS
5729.750000	-30.8	3.8	-27.0	PASS
5731.250000	-30.9	3.9	-27.0	PASS
5731.750000	-31.2	4.2	-27.0	PASS
5732.250000	-31.6	4.6	-27.0	PASS

TEST RESULTS (Cont.):

n Mode (40 MHz)

Lowest Channel

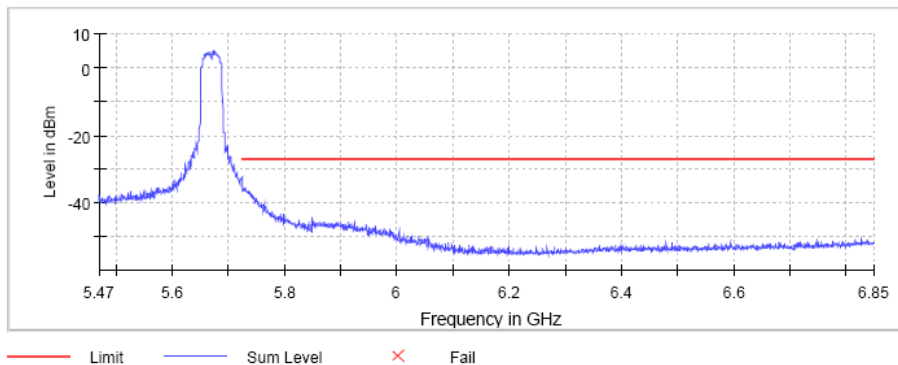


— Limit — Sum Level × Fail

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5465.750000	-30.3	3.3	-27.0	PASS
5464.750000	-30.4	3.4	-27.0	PASS
5469.750000	-30.4	3.4	-27.0	PASS
5469.250000	-30.5	3.5	-27.0	PASS
5465.250000	-30.5	3.5	-27.0	PASS
5466.250000	-30.6	3.6	-27.0	PASS
5468.250000	-30.9	3.9	-27.0	PASS
5467.250000	-30.9	3.9	-27.0	PASS
5467.750000	-30.9	3.9	-27.0	PASS
5466.750000	-31.1	4.1	-27.0	PASS
5463.750000	-31.2	4.2	-27.0	PASS
5468.750000	-31.3	4.3	-27.0	PASS
5464.250000	-31.5	4.5	-27.0	PASS
5463.250000	-31.8	4.8	-27.0	PASS
5462.750000	-32.3	5.3	-27.0	PASS

TEST RESULTS (Cont.):

Highest Channel

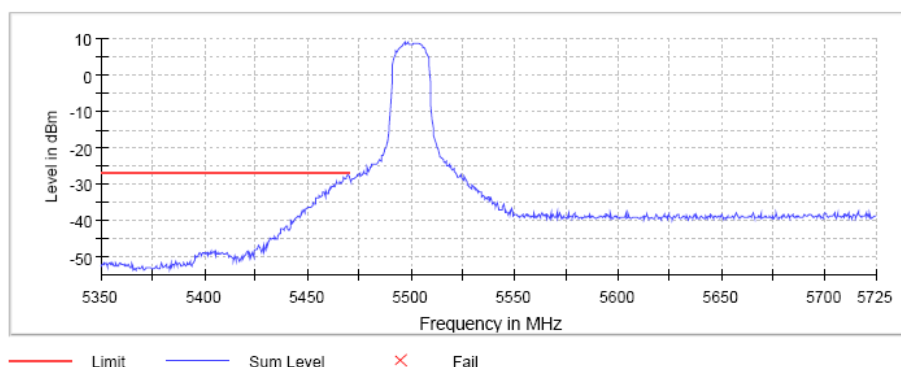


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5725.250000	-35.3	8.3	-27.0	PASS
5730.750000	-35.4	8.4	-27.0	PASS
5726.750000	-35.7	8.7	-27.0	PASS
5727.250000	-35.9	8.9	-27.0	PASS
5729.250000	-36.0	9.0	-27.0	PASS
5726.250000	-36.1	9.1	-27.0	PASS
5730.250000	-36.1	9.1	-27.0	PASS
5727.750000	-36.2	9.2	-27.0	PASS
5725.750000	-36.2	9.2	-27.0	PASS
5732.250000	-36.3	9.3	-27.0	PASS
5728.250000	-36.3	9.3	-27.0	PASS
5729.750000	-36.3	9.3	-27.0	PASS
5728.750000	-36.4	9.4	-27.0	PASS
5731.250000	-36.4	9.4	-27.0	PASS
5732.750000	-36.4	9.4	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

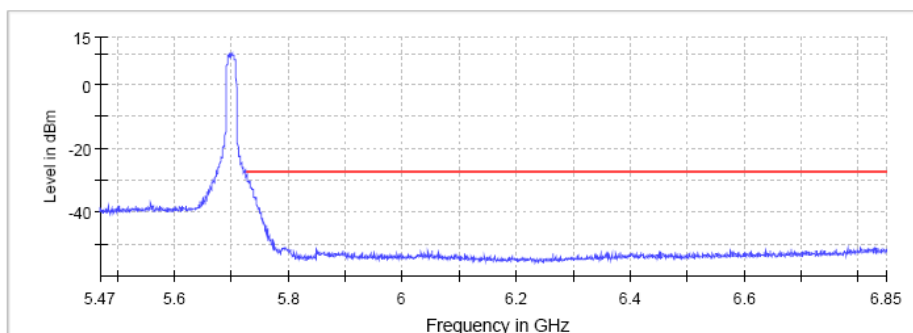
Lowest Channel:



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5469.250000	-27.5	0.5	-27.0	PASS
5469.750000	-27.9	0.9	-27.0	PASS
5468.750000	-28.1	1.1	-27.0	PASS
5467.250000	-28.4	1.4	-27.0	PASS
5468.250000	-28.6	1.6	-27.0	PASS
5467.750000	-28.7	1.7	-27.0	PASS
5466.750000	-28.9	1.9	-27.0	PASS
5465.750000	-29.3	2.3	-27.0	PASS
5463.750000	-29.5	2.5	-27.0	PASS
5466.250000	-29.6	2.6	-27.0	PASS
5464.750000	-29.7	2.7	-27.0	PASS
5465.250000	-29.8	2.8	-27.0	PASS
5464.250000	-30.0	3.0	-27.0	PASS
5462.750000	-30.3	3.3	-27.0	PASS
5461.750000	-30.5	3.5	-27.0	PASS

TEST RESULTS (Cont.):

Highest Channel



— Limit — Sum Level × Fail

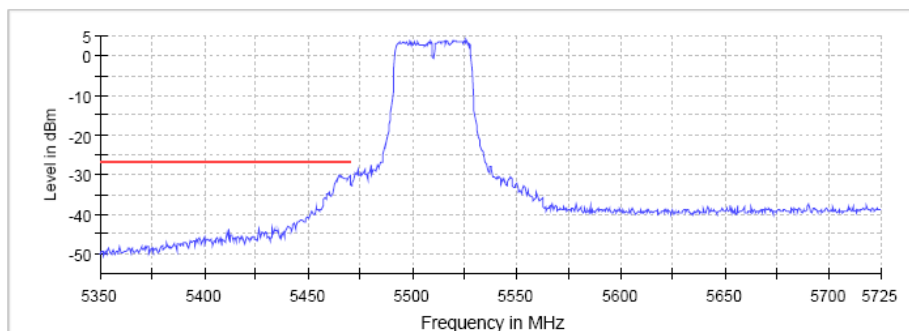
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5726.250000	-28.2	1.2	-27.0	PASS
5725.250000	-28.2	1.2	-27.0	PASS
5725.750000	-28.9	1.9	-27.0	PASS
5726.750000	-29.0	2.0	-27.0	PASS
5727.750000	-29.6	2.6	-27.0	PASS
5727.250000	-29.9	2.9	-27.0	PASS
5728.750000	-29.9	2.9	-27.0	PASS
5732.250000	-30.1	3.1	-27.0	PASS
5730.250000	-30.1	3.1	-27.0	PASS
5728.250000	-30.3	3.3	-27.0	PASS
5729.250000	-30.4	3.4	-27.0	PASS
5729.750000	-30.4	3.4	-27.0	PASS
5731.250000	-30.4	3.4	-27.0	PASS
5731.750000	-30.6	3.6	-27.0	PASS
5730.750000	-30.8	3.8	-27.0	PASS

TEST RESULTS (Cont.):

ac mode (40 MHz)

Bandwidth: 40 MHz

Lowest Channel

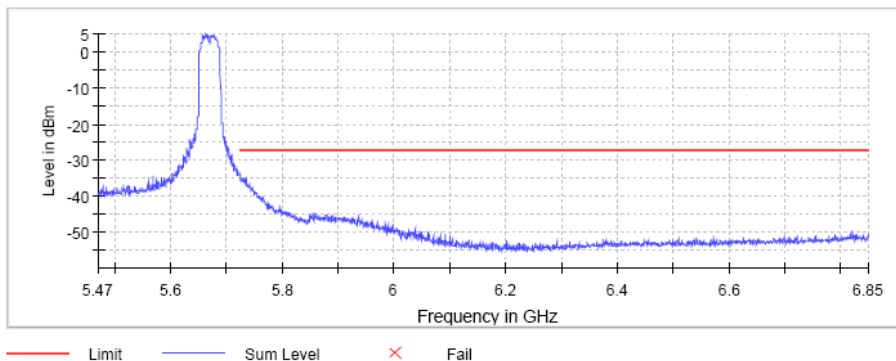


— Limit — Sum Level × Fail

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5465.750000	-30.3	3.3	-27.0	PASS
5464.750000	-30.4	3.4	-27.0	PASS
5469.750000	-30.4	3.4	-27.0	PASS
5469.250000	-30.5	3.5	-27.0	PASS
5465.250000	-30.5	3.5	-27.0	PASS
5466.250000	-30.6	3.6	-27.0	PASS
5468.250000	-30.9	3.9	-27.0	PASS
5467.250000	-30.9	3.9	-27.0	PASS
5467.750000	-30.9	3.9	-27.0	PASS
5466.750000	-31.1	4.1	-27.0	PASS
5463.750000	-31.2	4.2	-27.0	PASS
5468.750000	-31.3	4.3	-27.0	PASS
5464.250000	-31.5	4.5	-27.0	PASS
5463.250000	-31.8	4.8	-27.0	PASS
5462.750000	-32.3	5.3	-27.0	PASS

TEST RESULTS (Cont.):

Highest Channel



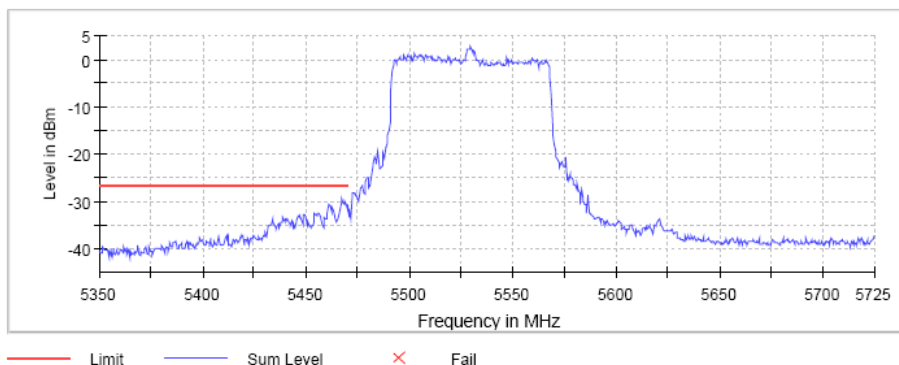
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5727.250000	-34.6	7.6	-27.0	PASS
5725.250000	-34.8	7.8	-27.0	PASS
5732.750000	-35.2	8.2	-27.0	PASS
5729.250000	-35.3	8.3	-27.0	PASS
5734.750000	-35.3	8.3	-27.0	PASS
5729.750000	-35.3	8.3	-27.0	PASS
5732.250000	-35.4	8.4	-27.0	PASS
5728.750000	-35.4	8.4	-27.0	PASS
5725.750000	-35.4	8.4	-27.0	PASS
5726.750000	-35.5	8.5	-27.0	PASS
5730.250000	-35.7	8.7	-27.0	PASS
5730.750000	-35.7	8.7	-27.0	PASS
5727.750000	-35.8	8.8	-27.0	PASS
5728.250000	-35.9	8.9	-27.0	PASS
5736.250000	-36.0	9.0	-27.0	PASS

TEST RESULTS (Cont.):

ac mode (80 MHz)

Bandwidth: 80 MHz

Lowest Channel



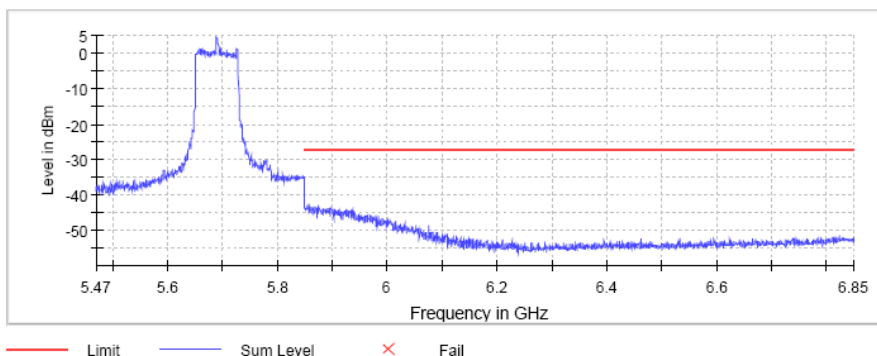
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5467.250000	-29.4	2.4	-27.0	PASS
5468.750000	-30.1	3.1	-27.0	PASS
5467.750000	-30.3	3.3	-27.0	PASS
5466.750000	-30.3	3.3	-27.0	PASS
5468.250000	-30.6	3.6	-27.0	PASS
5469.250000	-30.6	3.6	-27.0	PASS
5461.250000	-30.7	3.7	-27.0	PASS
5460.750000	-30.8	3.8	-27.0	PASS
5461.750000	-30.8	3.8	-27.0	PASS
5462.750000	-31.1	4.1	-27.0	PASS
5469.750000	-31.9	4.9	-27.0	PASS
5463.250000	-31.9	4.9	-27.0	PASS
5462.250000	-32.3	5.3	-27.0	PASS
5466.250000	-32.4	5.4	-27.0	PASS
5460.250000	-32.5	5.5	-27.0	PASS

TEST RESULTS (Cont.):

ac mode (80 MHz)

Bandwidth: 80 MHz

Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5858.750000	-42.7	15.7	-27.0	PASS
5854.750000	-43.0	16.0	-27.0	PASS
5854.250000	-43.2	16.2	-27.0	PASS
5860.250000	-43.2	16.2	-27.0	PASS
5865.750000	-43.4	16.4	-27.0	PASS
5868.750000	-43.4	16.4	-27.0	PASS
5875.750000	-43.5	16.5	-27.0	PASS
5858.250000	-43.6	16.6	-27.0	PASS
5850.750000	-43.6	16.6	-27.0	PASS
5892.250000	-43.6	16.6	-27.0	PASS
5853.250000	-43.7	16.7	-27.0	PASS
5882.750000	-43.7	16.7	-27.0	PASS
5871.750000	-43.7	16.7	-27.0	PASS
5898.250000	-43.7	16.7	-27.0	PASS
5852.750000	-43.8	16.8	-27.0	PASS

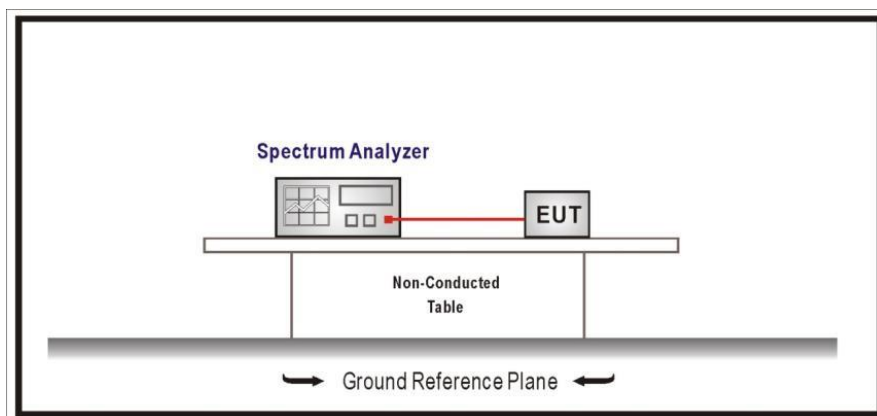
TEST D.5: EMISSION LIMITATIONS CONDUCTED (TRANSMITTER)

LIMITS:	Product standard:	Part 15 Subpart C §15.407, 15.207 and RSS-Gen
	Test standard:	Part 15 Subpart C §15.407(b)(6), 15.207 and RSS-Gen 8.8

LIMITS

In any 100 kHz bandwidth outside the frequency band in which the digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB instead of 20 dB.

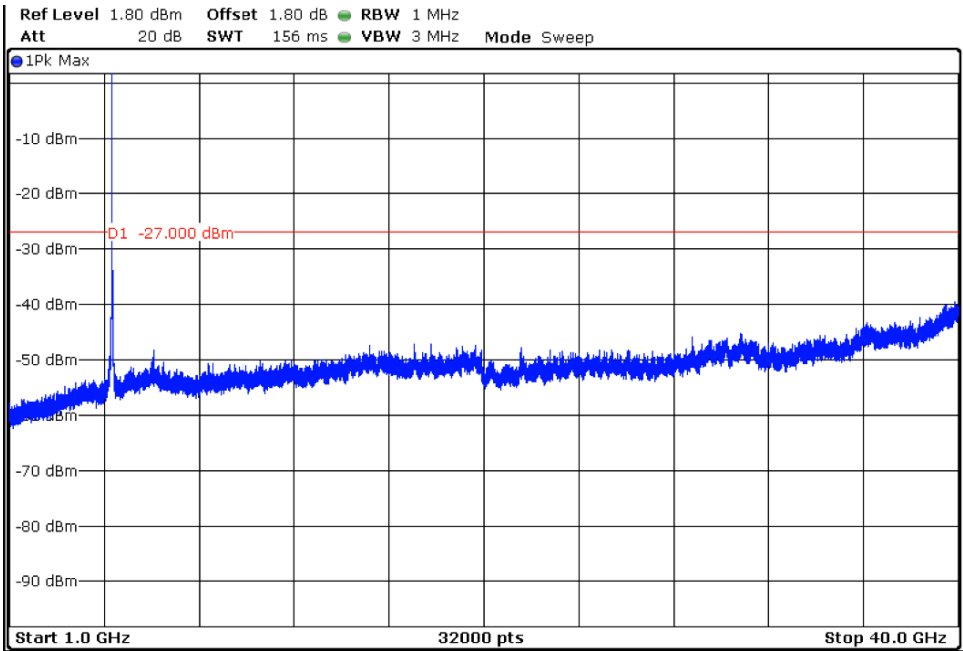
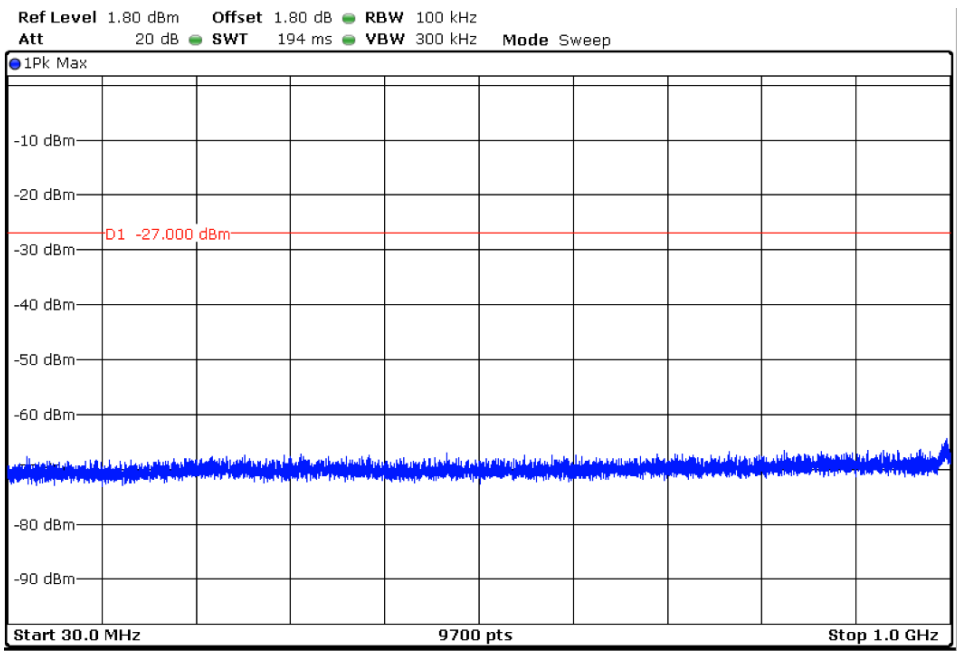
TEST SETUP



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

Low channel

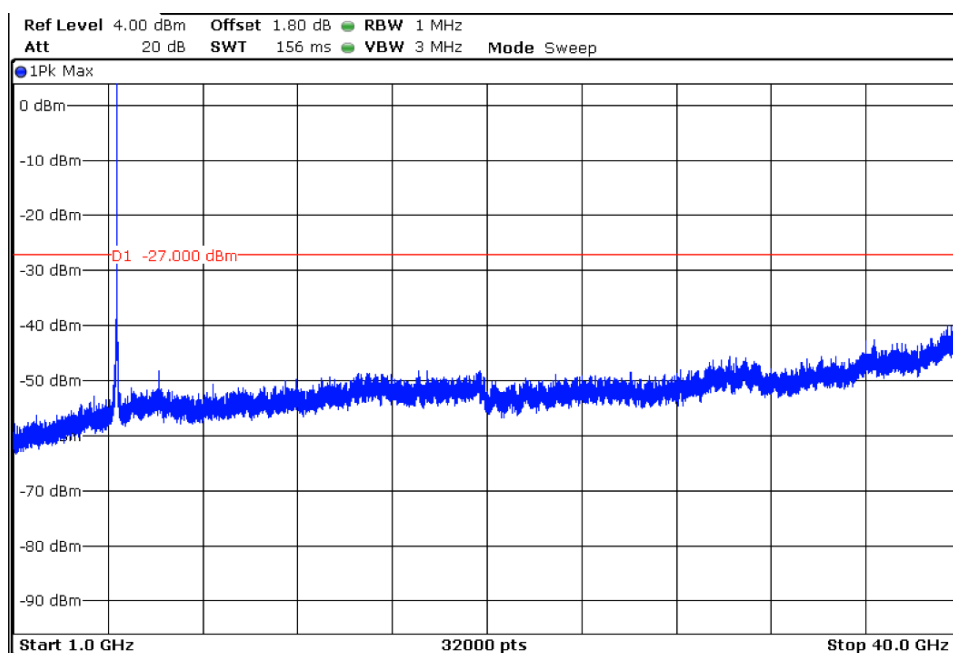
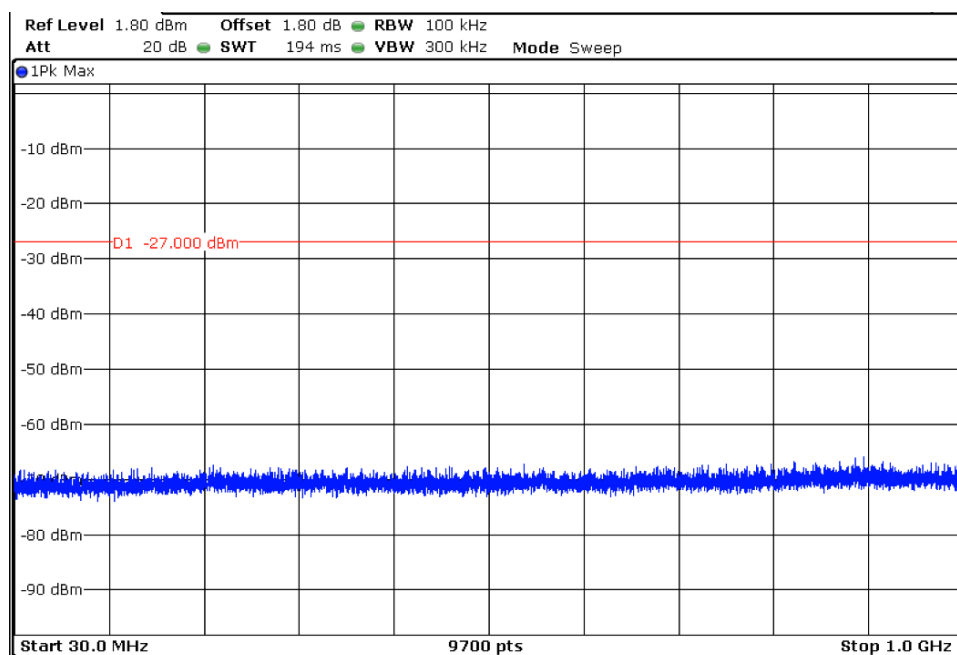
No spurious signal was detected at 20dB below the limit or above for the channel.



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

Mid channel

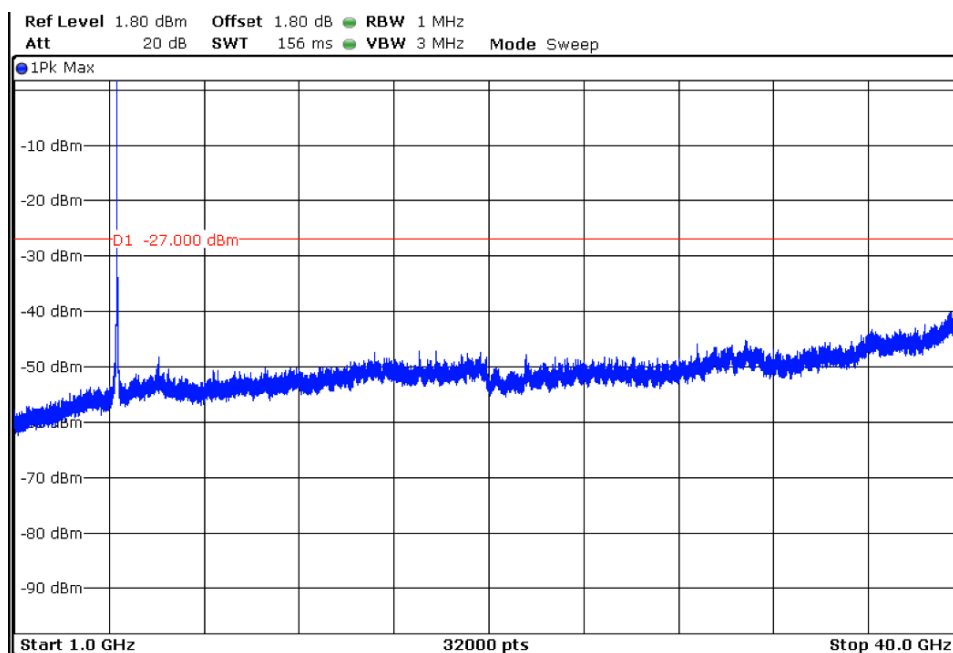
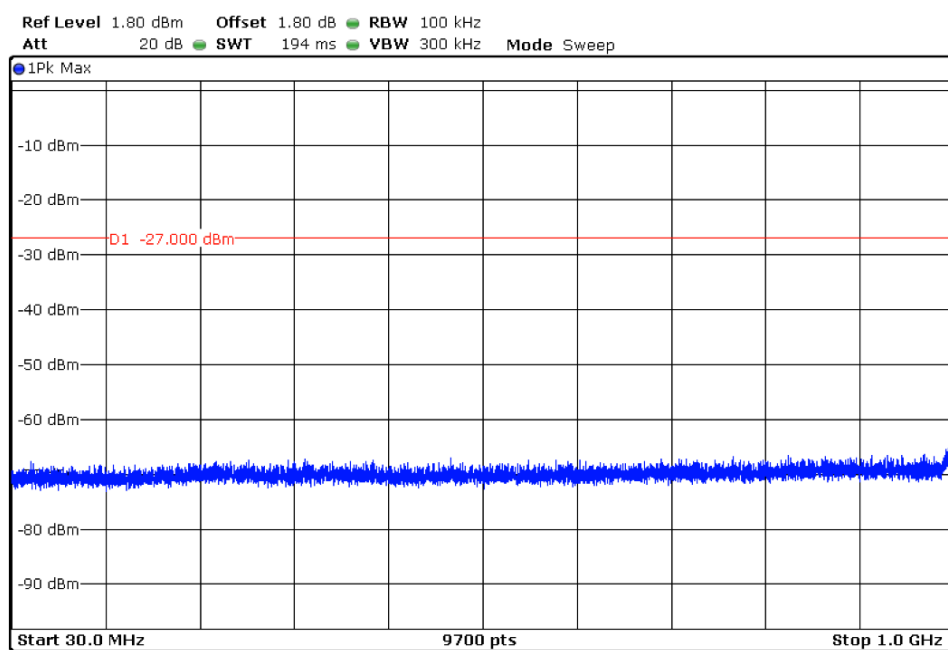
No spurious signal was detected at 20dB below the limit or above for the channel.



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

High channel

No spurious signal was detected at 20dB below the limit or above for the channel.

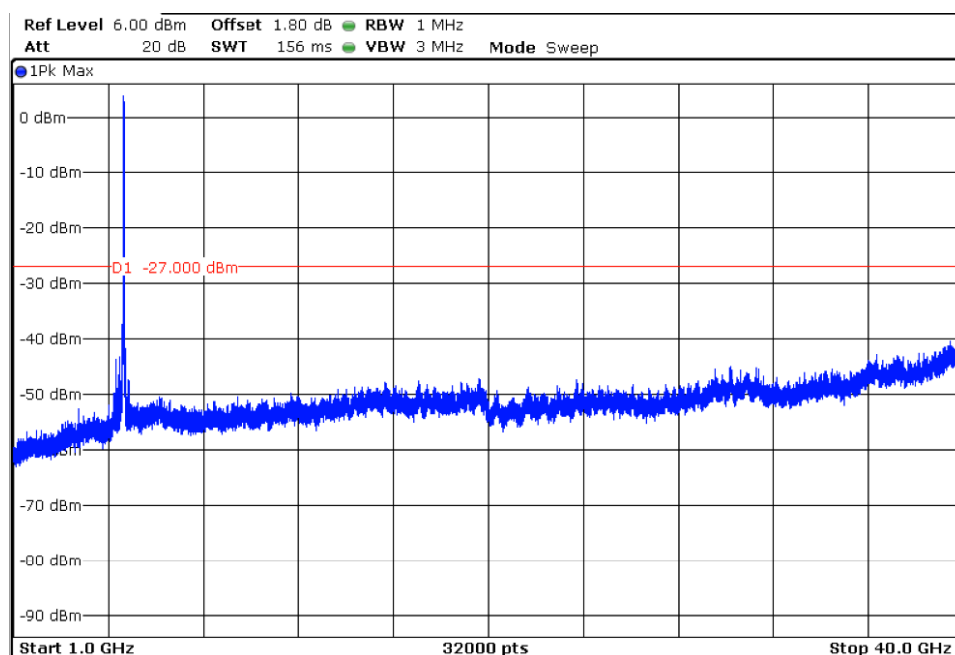
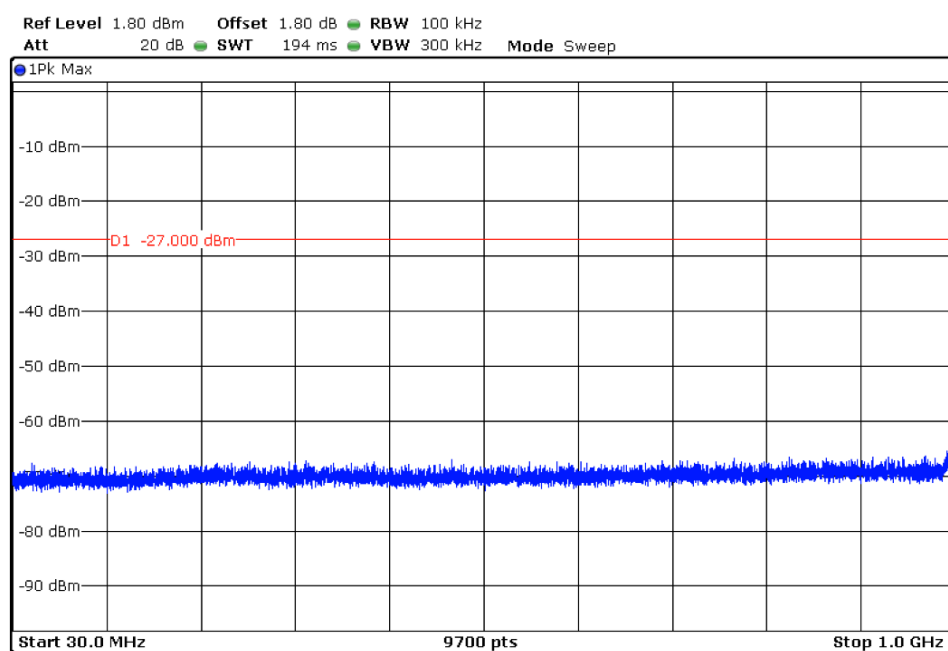


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

Low channel

No spurious signal was detected at 20dB below the limit or above for the channel.

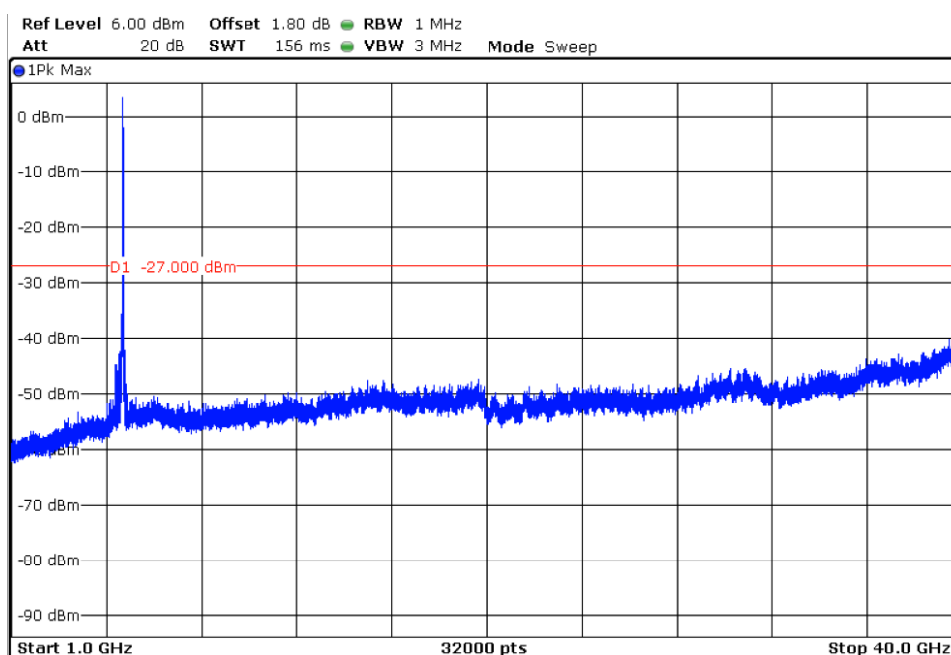
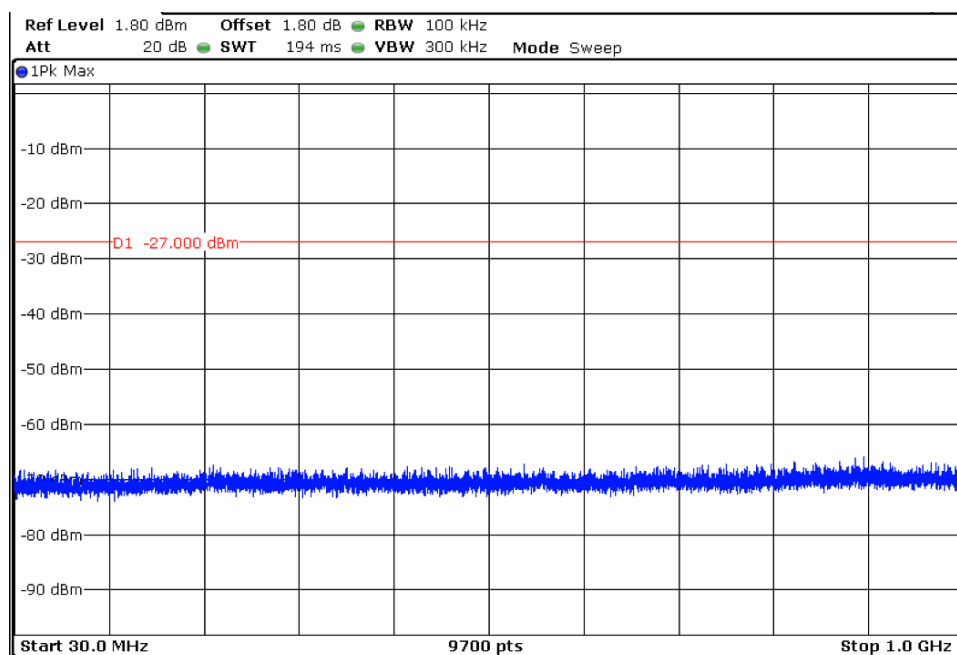


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

Mid channel

No spurious signal was detected at 20dB below the limit or above for the channel.

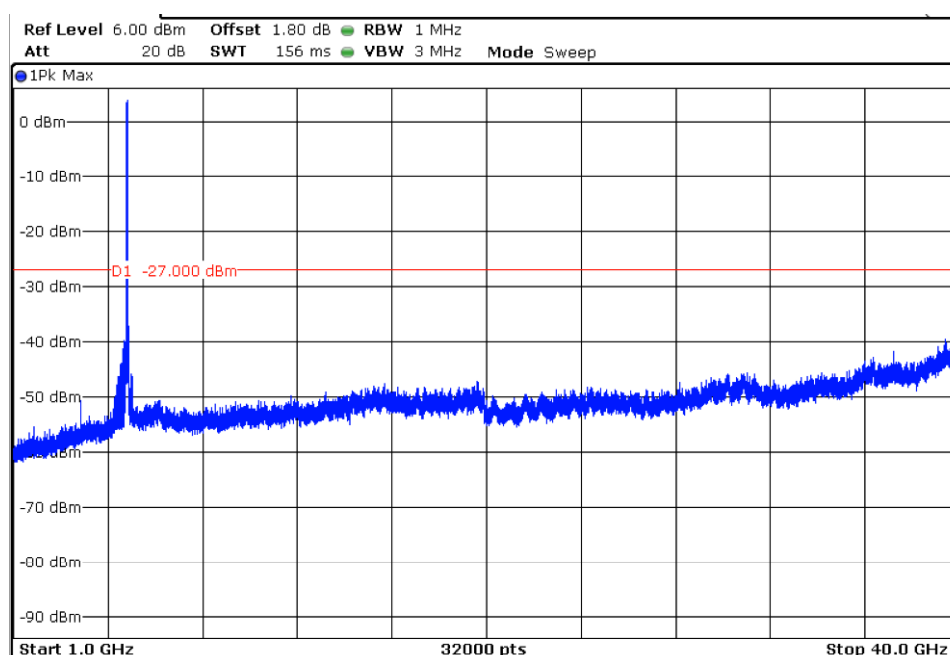
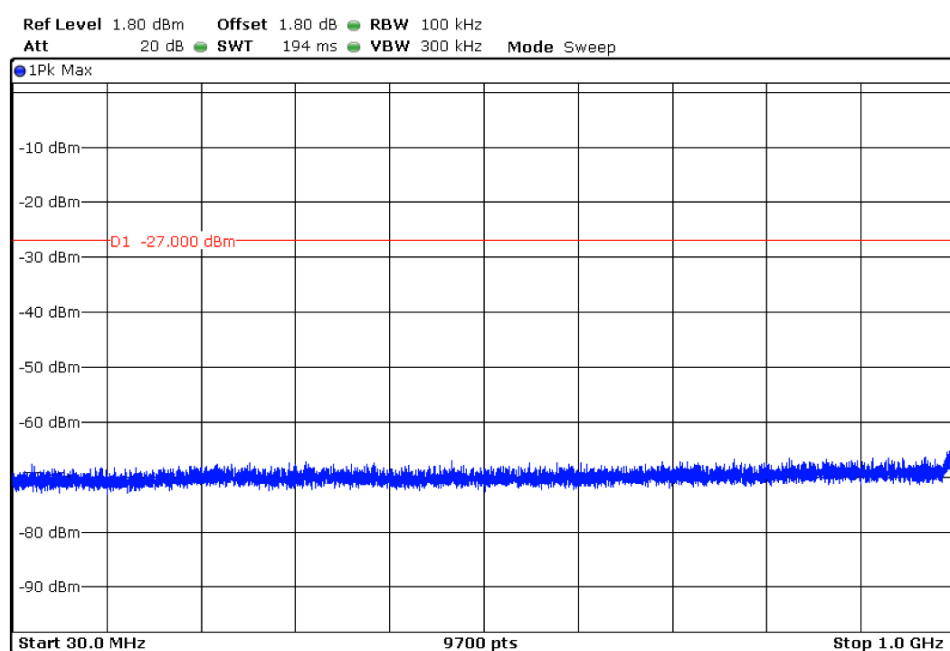


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

High channel

No spurious signal was detected at 20dB below the limit or above for the channel.

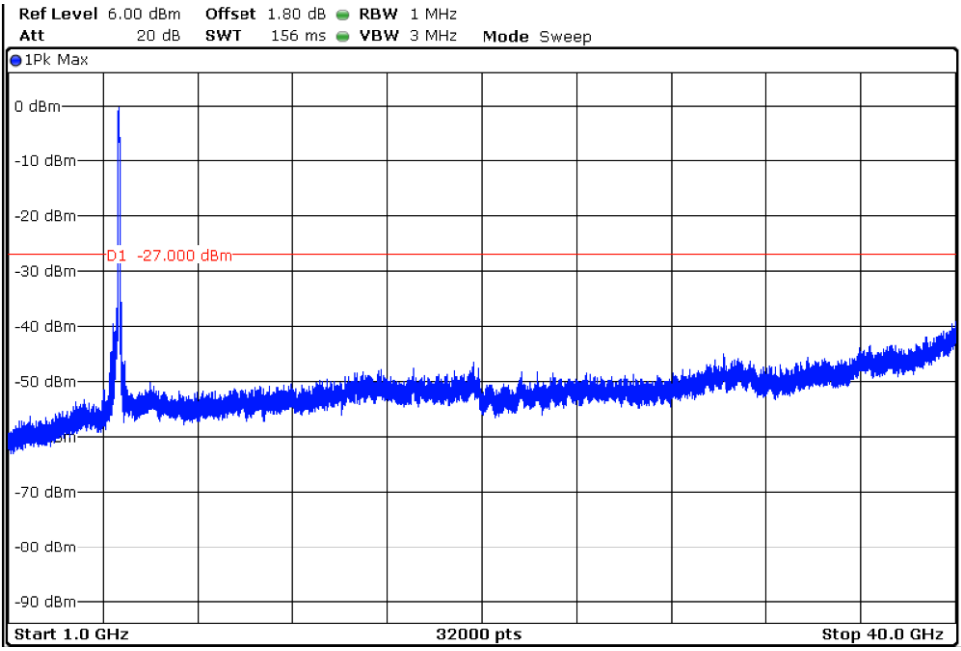
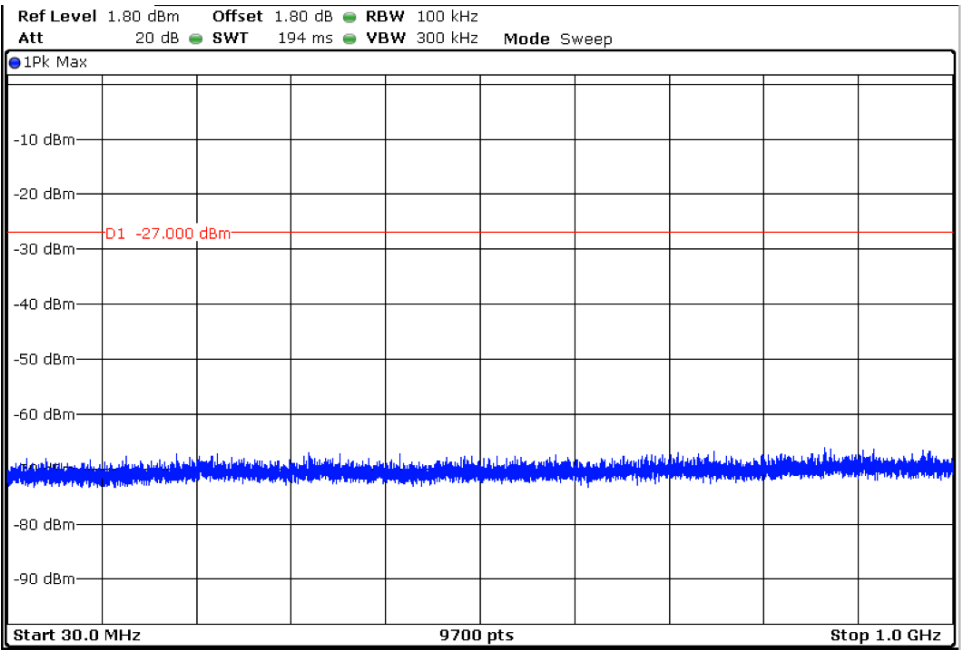


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

Low channel

No spurious signal was detected at 20dB below the limit or above for the channel.

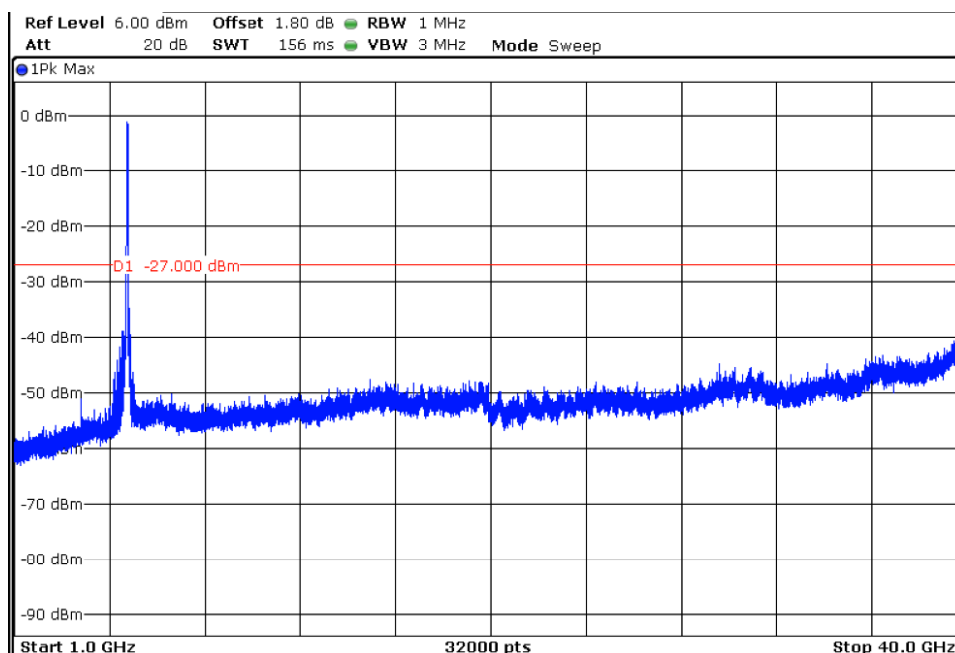
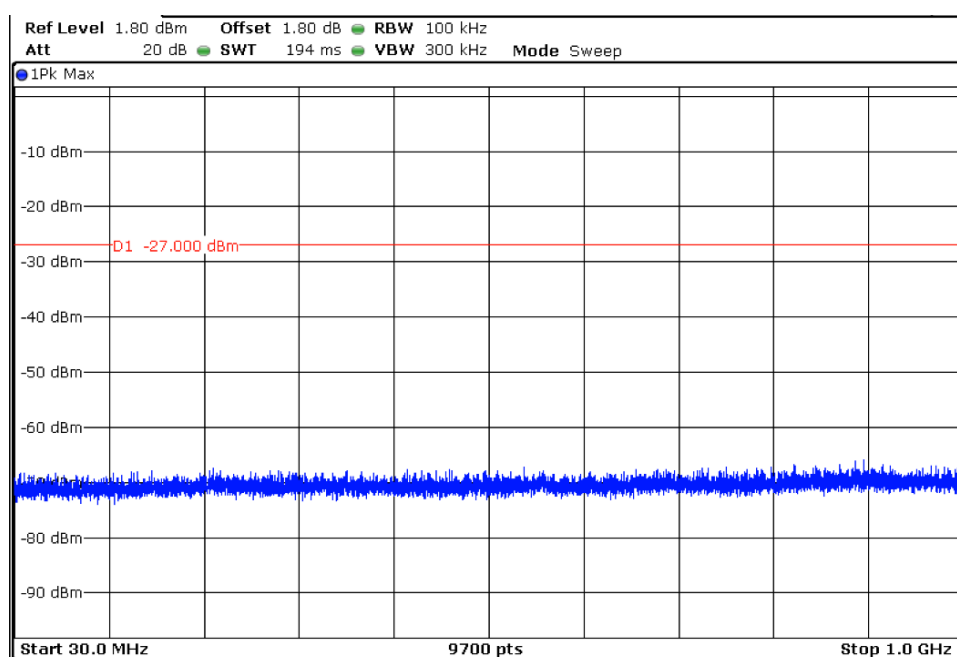


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

Mid channel

No spurious signal was detected at 20dB below the limit or above for the channel.

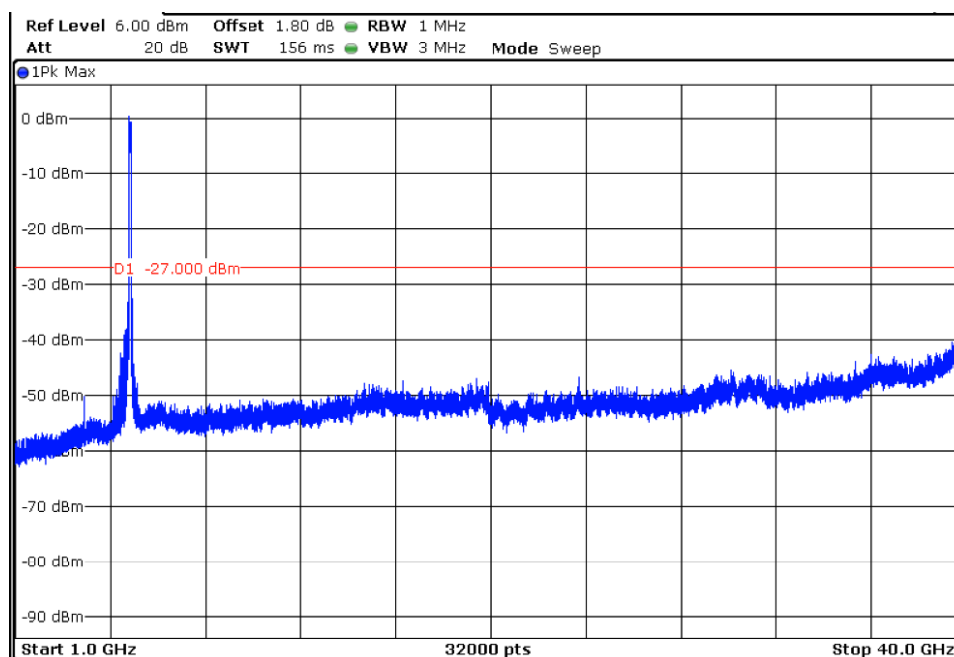
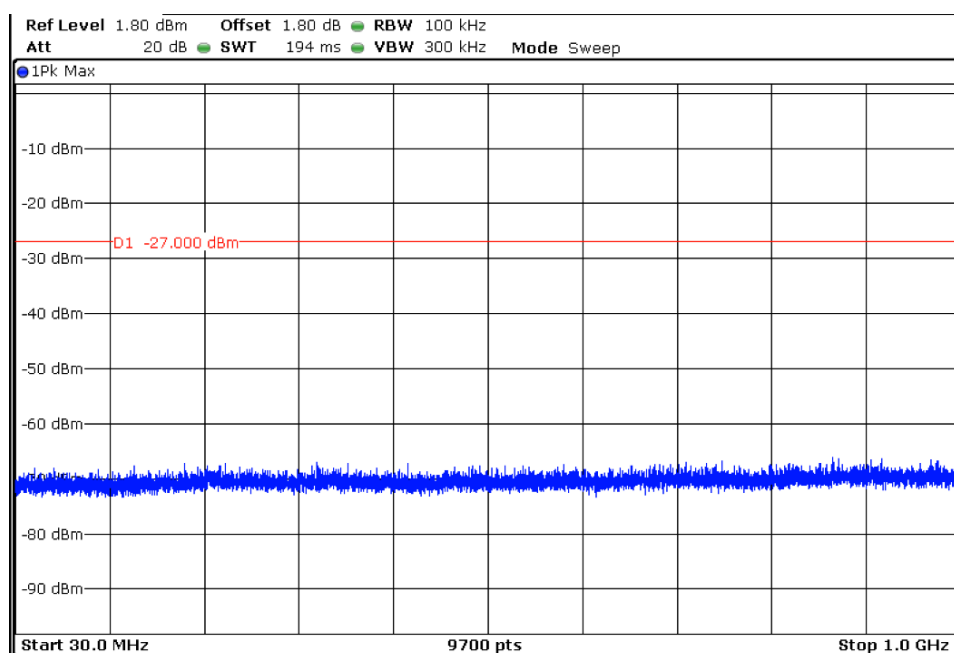


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

High channel

No spurious signal was detected at 20dB below the limit or above for the channel.



TEST D.6: UNDESIRABLE RADIATED EMISSIONS (TRANSMITTER)

LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(b) (1)(6)(7) and RSS-247 6.2.1.2

LIMITS

For transmitters operating in the 5.15 – 5.25 GHz band: all emissions outside of the 5.15 – 5.25 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.23 dBμ V/m at 3m distance).

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c) / RSS-Gen):

Frequency Range (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (m)
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	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function

TEST SETUP

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at 3 m for the frequency range 30-1000 MHz (Bilog antenna) and at 1m for the frequency range 1-40 GHz (1 GHz-18 GHz and 18 GHz-40 GHz Double ridge horn antennas).

For radiated emissions in the range 1-40 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

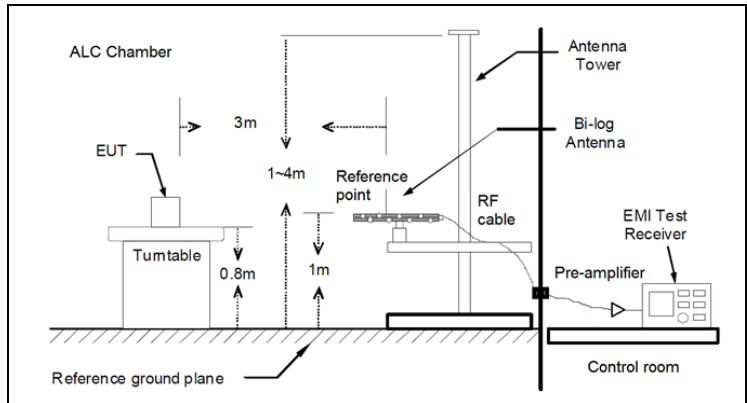
The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

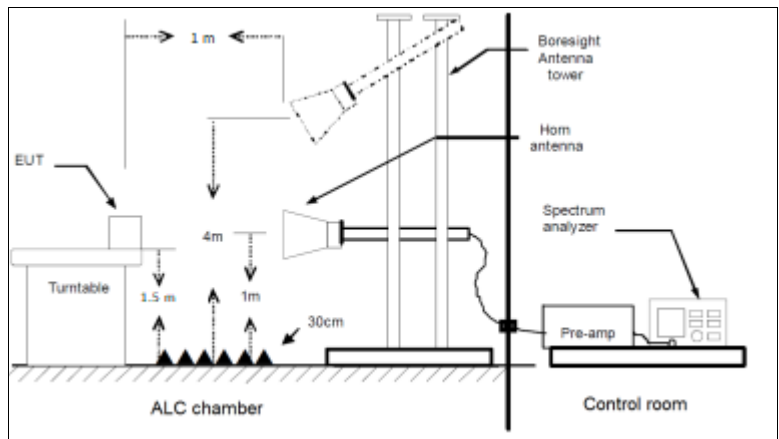
The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

TEST SETUP (CONT.)

Radiated measurements Setup $f < 1$ GHz



Radiated measurements setup $f > 1$ GHz



TESTED SAMPLES:

S/02

TESTED CONDITIONS MODES:

TC#01 (a mode)

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 the ranges (a mode 20 MHz and Mid channel) 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 and the restricted band 4.5 – 5.15 GHz.

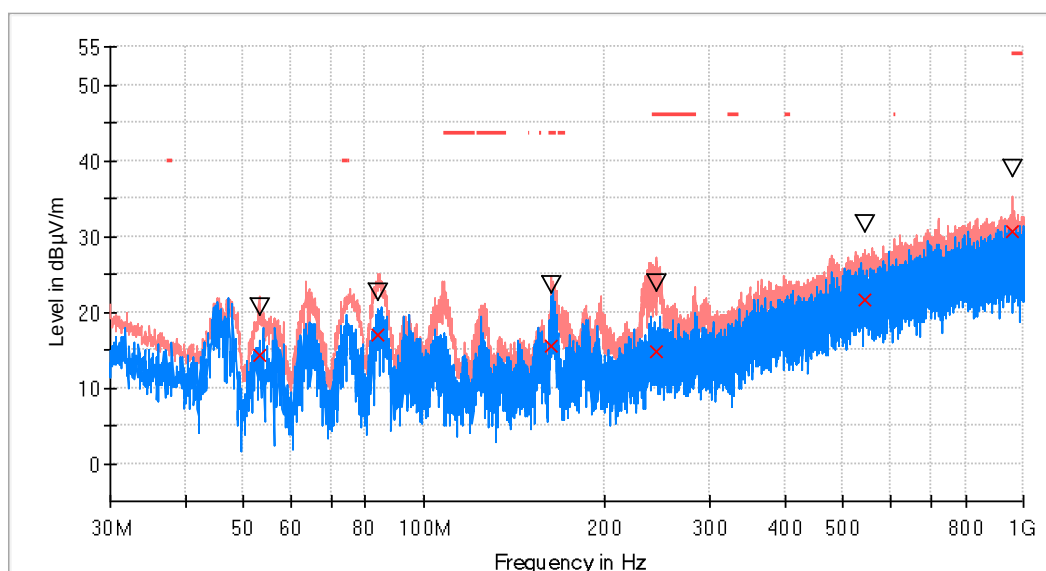
TEST RESULTS (Cont.)

FREQUENCY RANGE

30 MHz – 1 GHz

Mid 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
- ▽ MaxPeak-PK+ (Single)
- × QuasiPeak-QPK (Single)

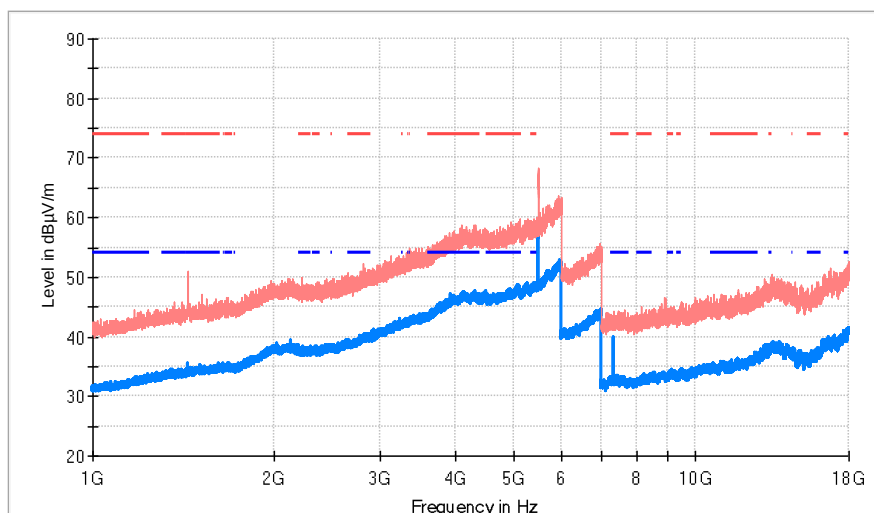
Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Pol
53.086000	20.7	14.2	V
83.980500	22.6	17.0	V
162.938500	23.5	15.5	V
244.418500	23.9	14.7	H
544.003000	31.7	21.7	H
960.036000	39.0	30.7	H

TEST RESULTS (Cont.)

FREQUENCY RANGE

1 GHz – 18 GHz

Low 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

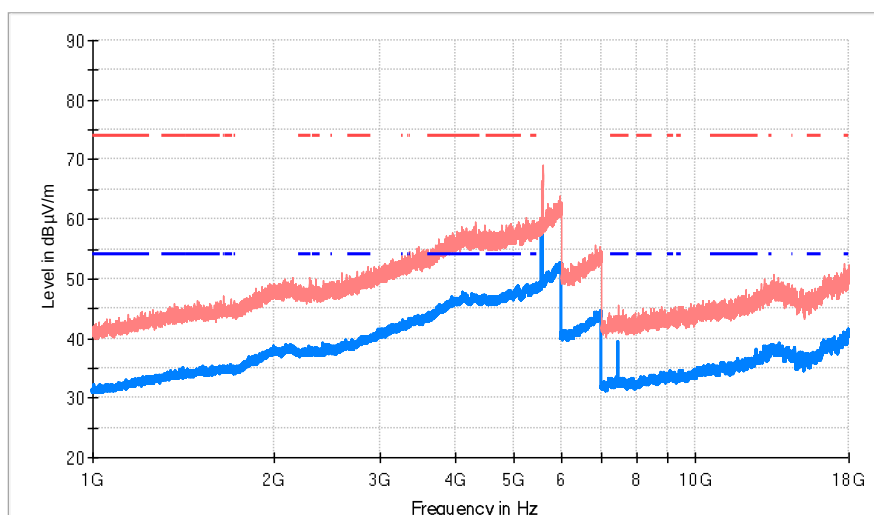
Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comment
1439.772727	51.0	35.4	H	
5499.090909	67.6	59.1	V	Fundamental
7333.090909	44.3	39.8	V	

TEST RESULTS (Cont.)

FREQUENCY RANGE

1 GHz – 18 GHz

Middle Channel

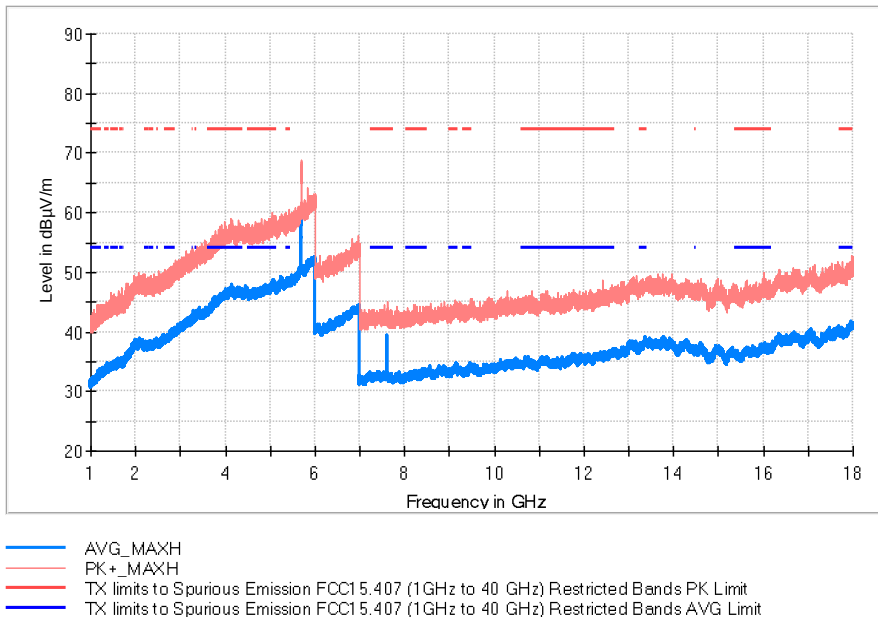


— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5583.409091	66.8	60.2	V	Fundamental
7440.000000	45.7	39.4	V	

TEST RESULTS (Cont.)

High Channel

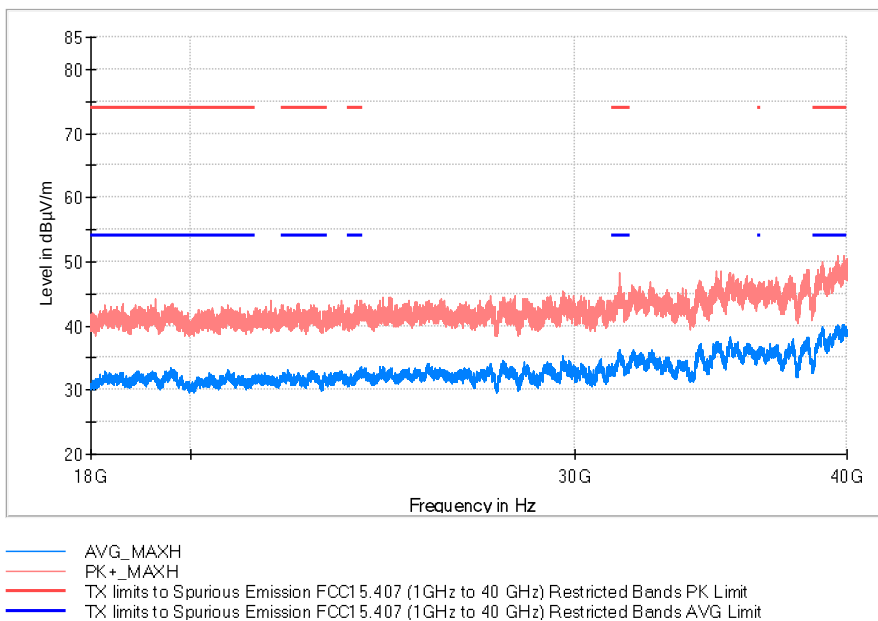


Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comment
5697.500000	66.5	59.8	V	Fundamental
7599.818182	45.1	39.4	V	

FREQUENCY RANGE

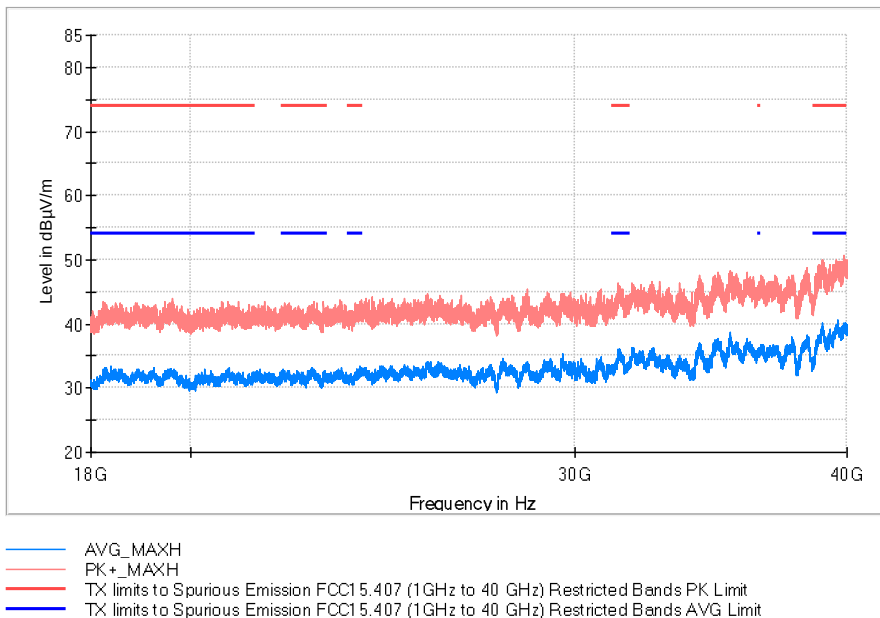
18 GHz – 40 GHz

Low Channel

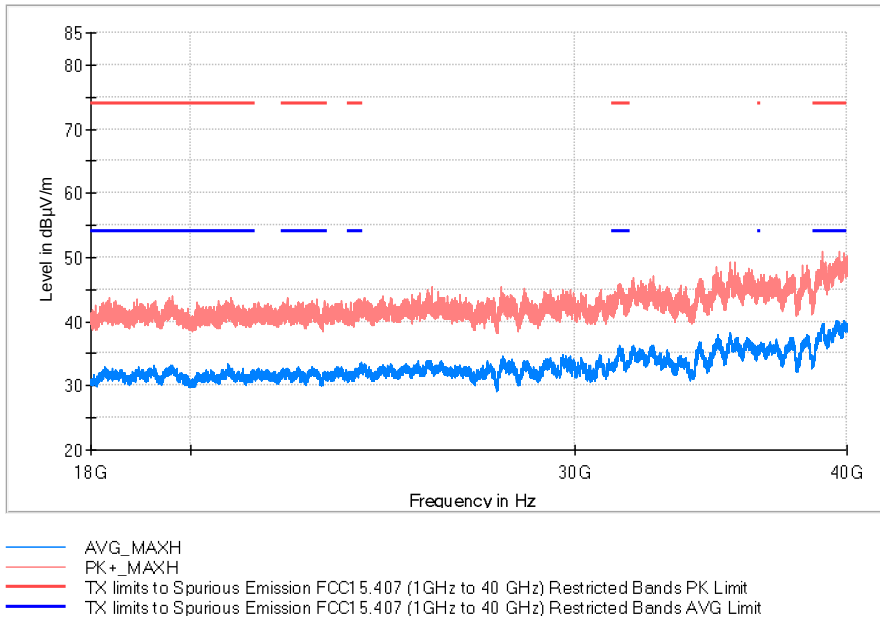


TEST RESULTS (Cont.)

Middle Channel



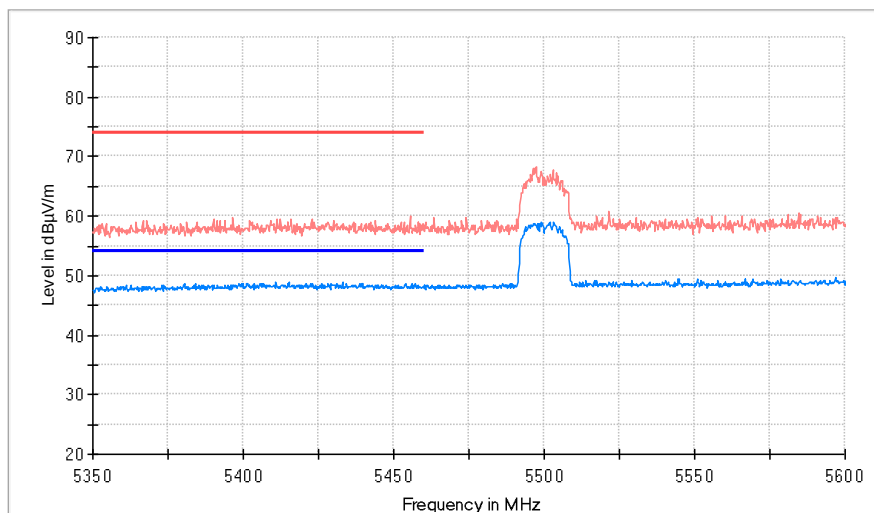
High Channel



RESTRICTED BANDS

5.35 GHz – 5.6 GHz

Low 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

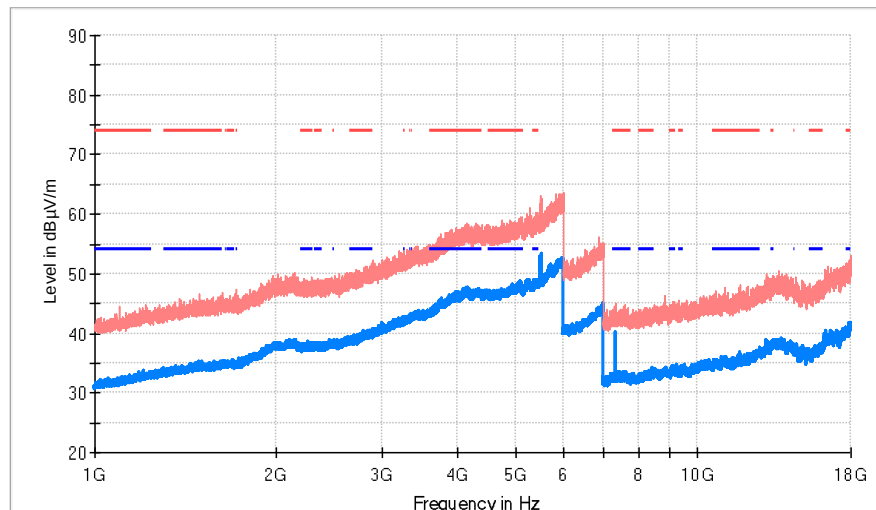
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (ac mode 40 MHz)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

The results and plots below show the maximum measured levels in the 1- 40 GHz range and the restricted bands from 5.35GHz – 5.7 GHz range.

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

Low Channel



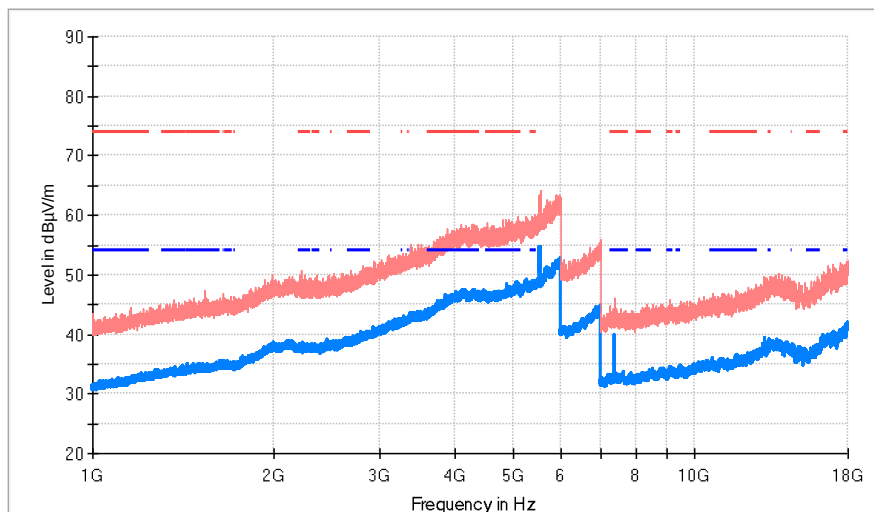
— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Comment
5512.727273	60.9	53.2	V	Fundamental
7346.727273	45.0	40.2	V	

TEST RESULTS (Cont.)

Mid Channel



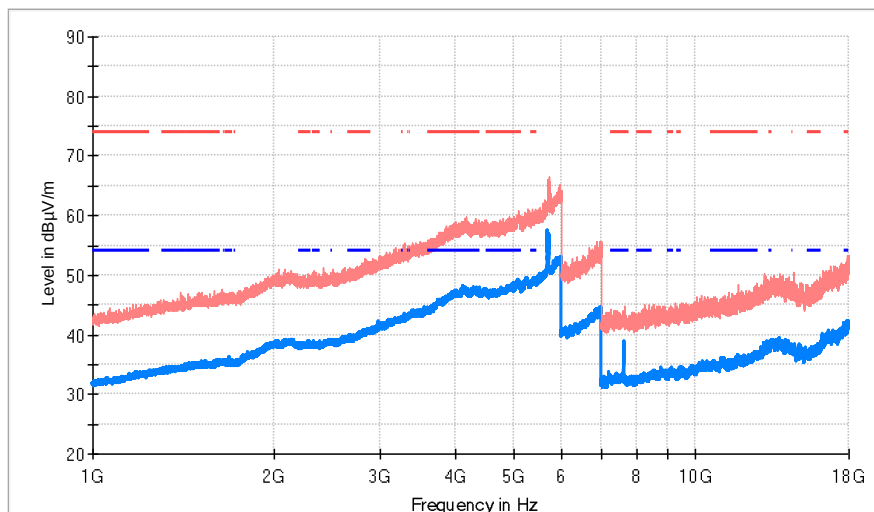
- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comments
5535.681818	62.4	54.6	V	Fundamental
7386.545455	44.9	39.9	V	

TEST RESULTS (Cont.)

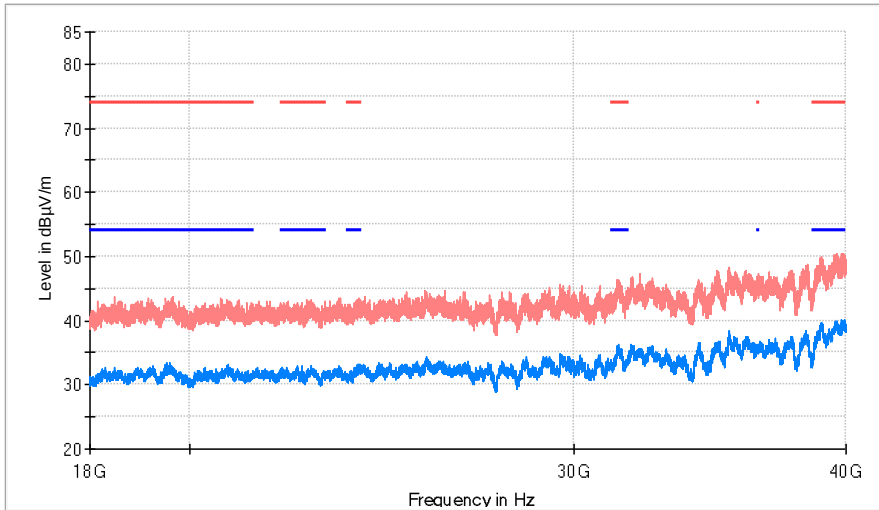
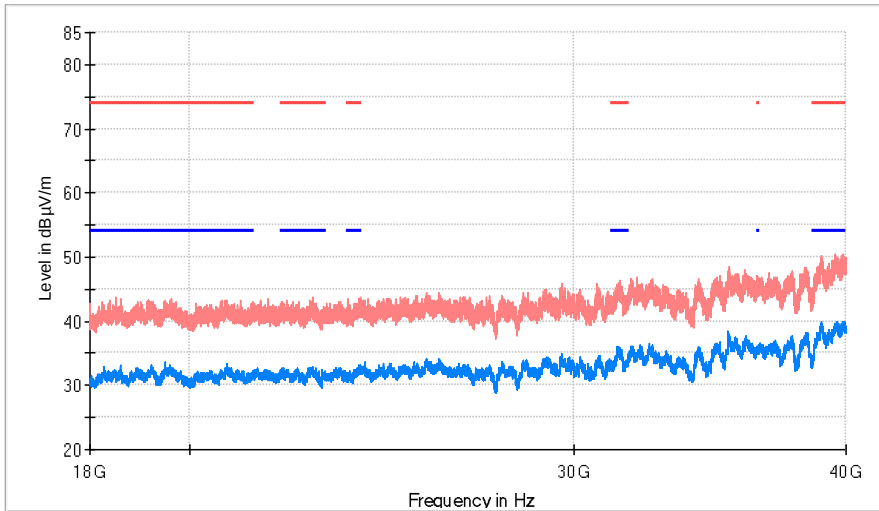
High Channel



— 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

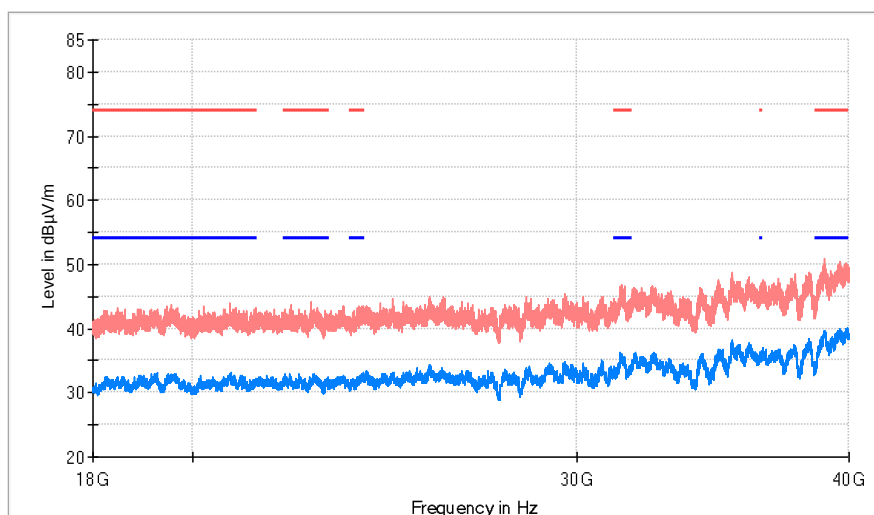
Maximizations

Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Comments
5700.909091	64.2	57.3	V	Fundamental
7612.909091	44.2	38.9	V	

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

TEST RESULTS (Cont.)

High Channel

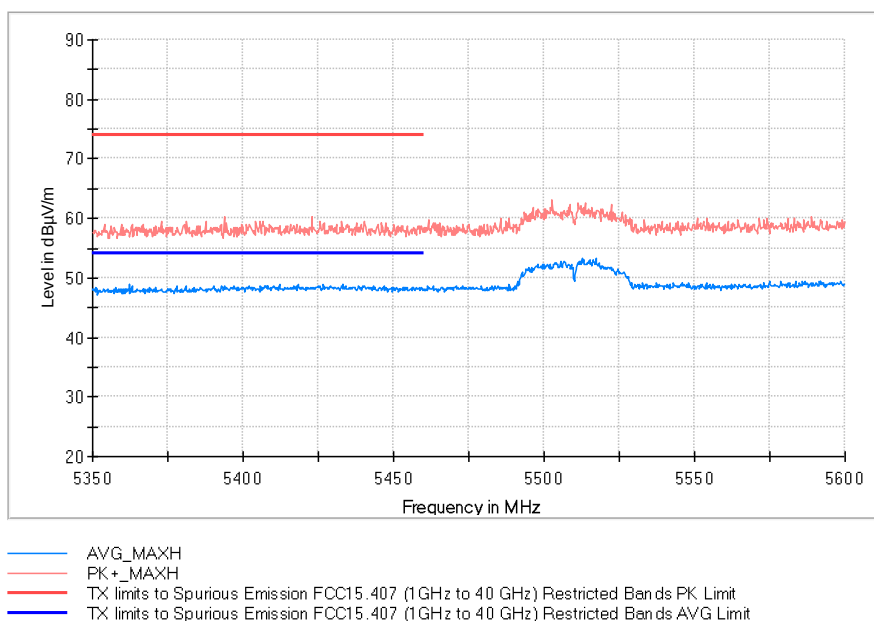


- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

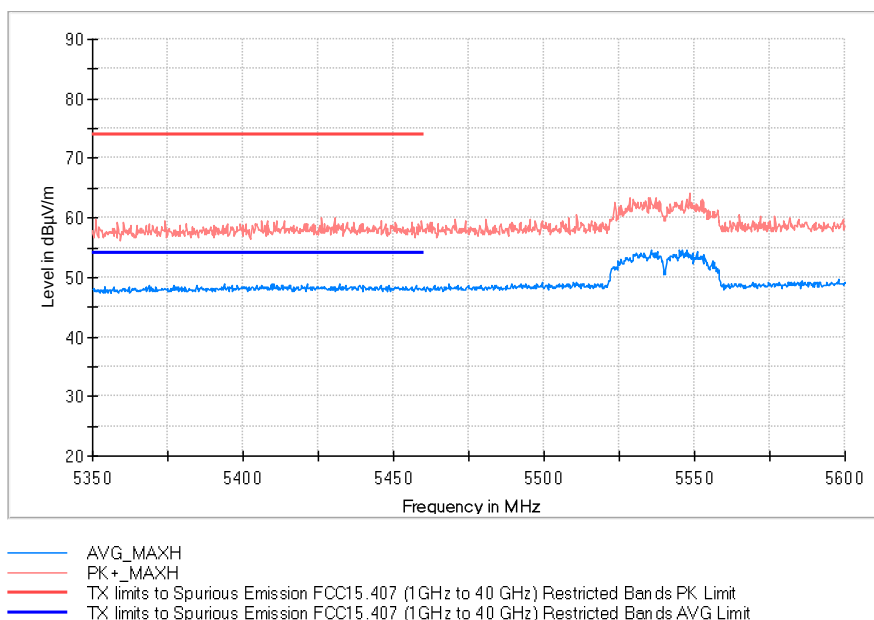
RESTRICTED BANDS

5.35 GHz – 5.6 GHz

Low Channel



Mid Channel



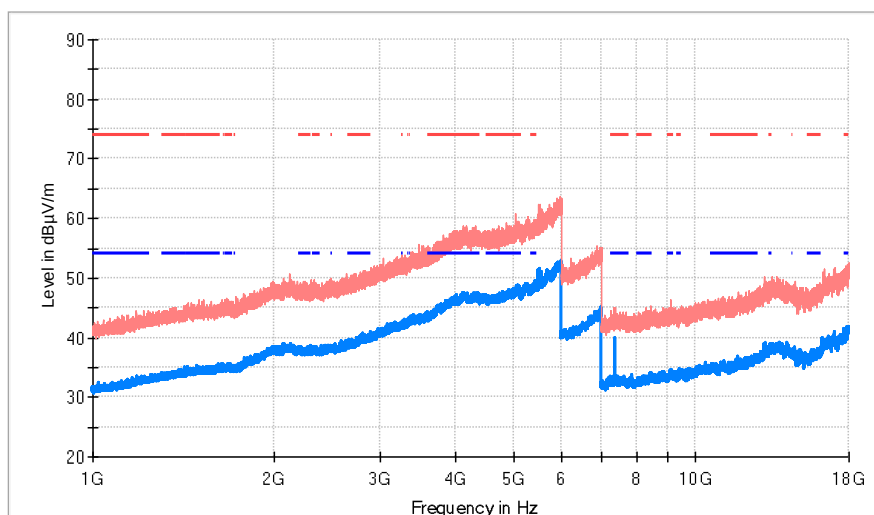
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

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

TEST RESULTS (Cont.)	ac mode (80 MHz)
FREQUENCY RANGE	1 GHz – 18 GHz

Low Channel



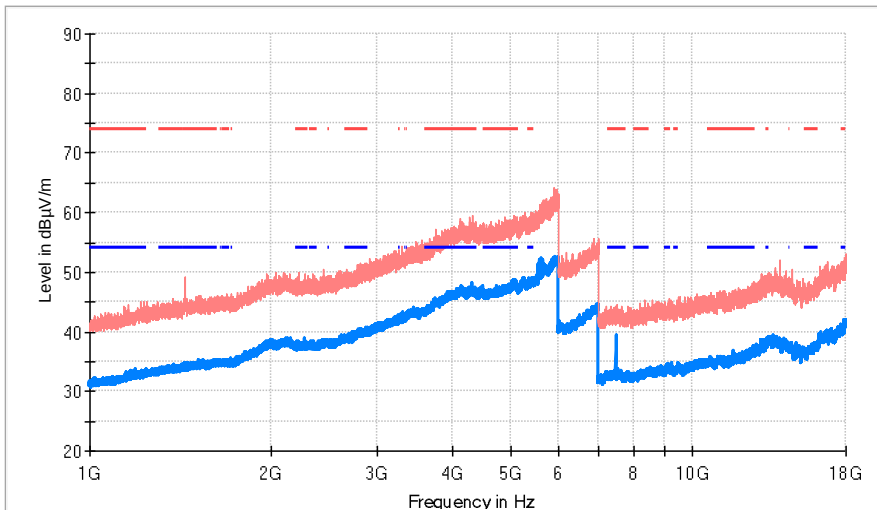
— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comments
5516.590909	59.7	51.5	H	Fundamental
7372.909091	44.6	39.9	V	

TEST RESULTS (Cont.)	ac mode (80 MHz)
FREQUENCY RANGE	1 GHz – 18 GHz

Mid Channel



AVG_MAXH

PK+_MAXH

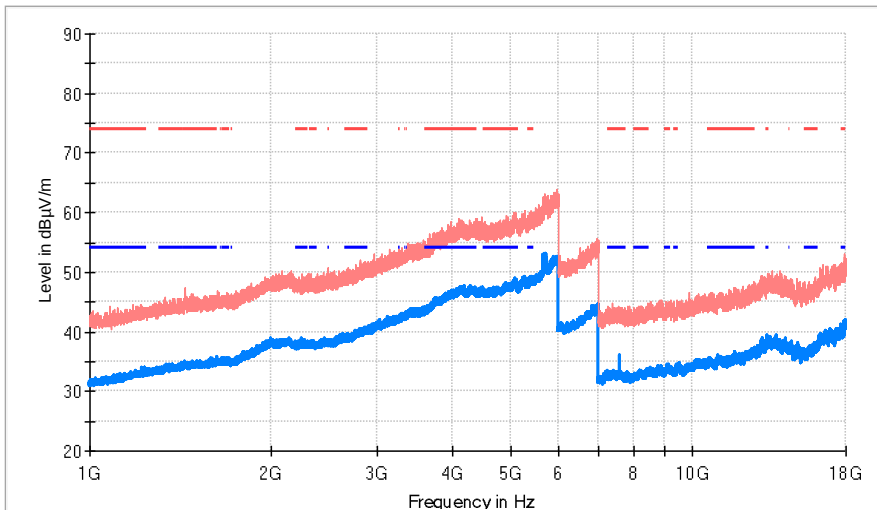
TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit

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	Comments
5601.136364	60.8	52.1	V	Fundamental
7479.818182	44.4	39.4	V	

TEST RESULTS (Cont.)	ac mode (80 MHz)
FREQUENCY RANGE	1 GHz – 18 GHz

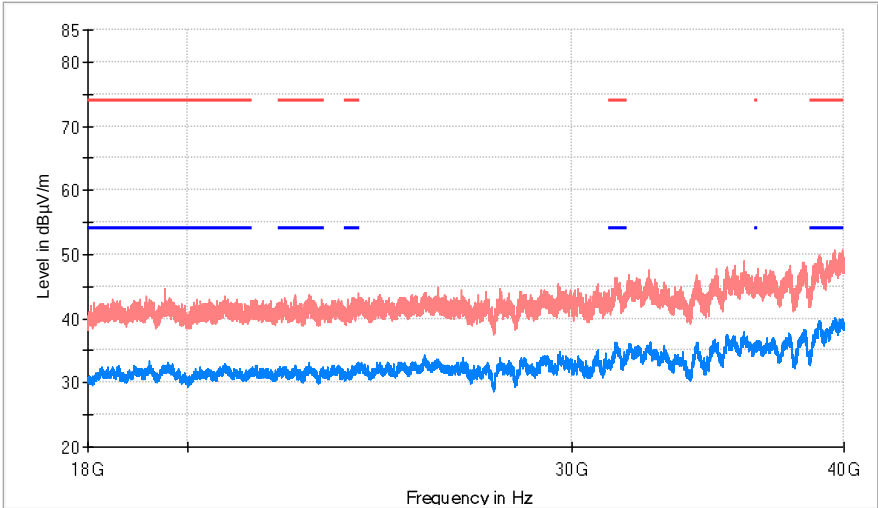
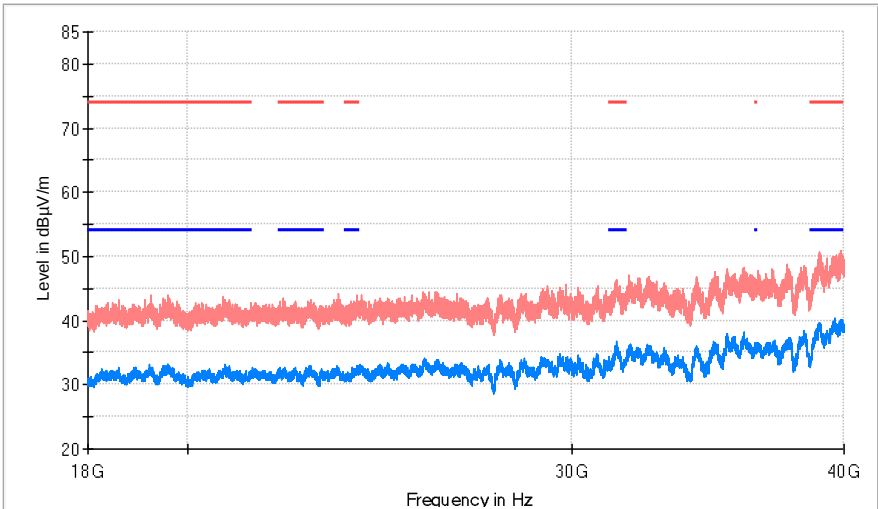
High Channel



— AVG_MAXH
— PK+_MAXH
--- TX limits to Spurious Emission FCC1 5.407 (1GHz to 40 GHz) Restricted Bands PK Limit
--- TX limits to Spurious Emission FCC1 5.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comments
5698.409091	61.1	53.0	H	Fundamental
7586.727273	43.1	36.0	V	

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