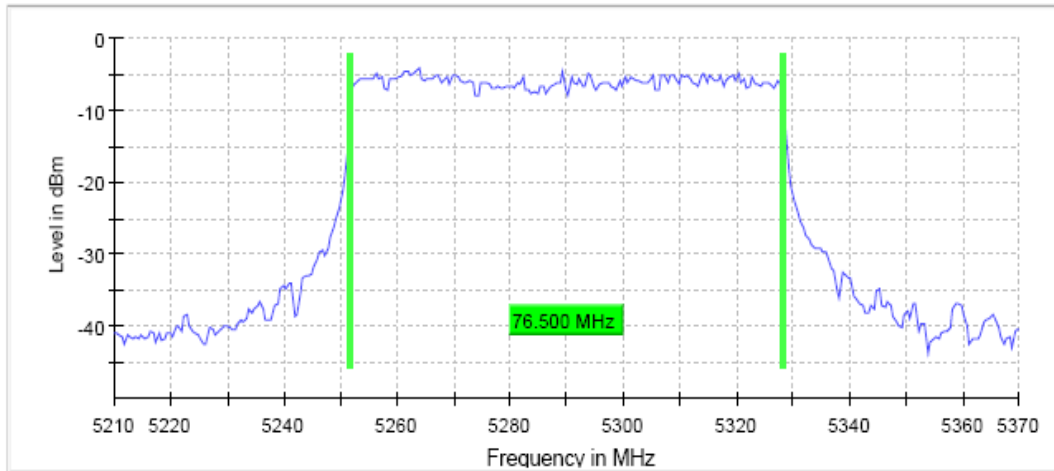


**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Measurement**

Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	160
Sweptime	22.754 $\mu$ s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamplifier	off
Stablemode	Trace
Stablevalue	0.30 dB
Run	54 / max. 150
Stable	5 / 5
Max Stable Difference	0.23 dB

## TEST C.2: POWER LIMITS. MAXIMUM OUTPUT POWER

<b>LIMITS:</b>	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

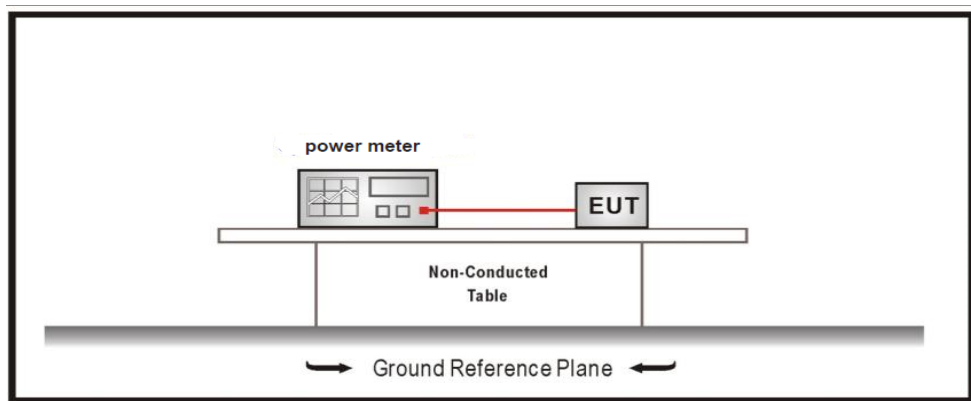
### LIMITS

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



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

### Bandwidth: 20 MHz

Maximum declared antenna gain: 4.5 dBi

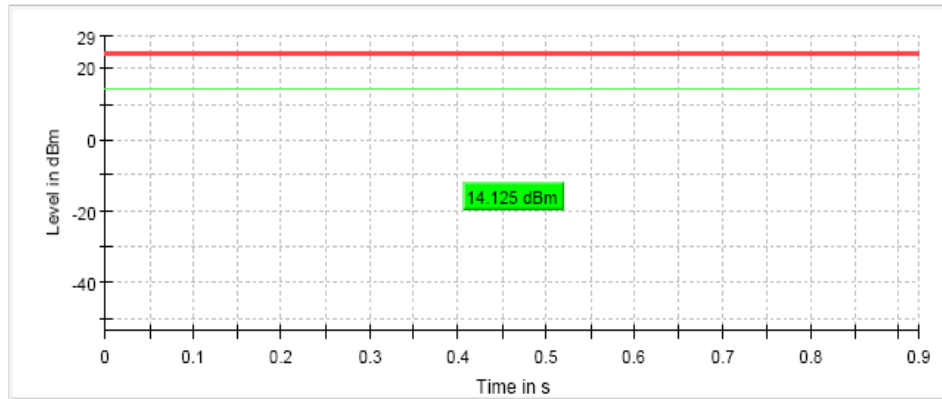
	Lowest frequency 5260 MHz	Middle frequency 5300 MHz	Highest frequency 5320 MHz
Maximum conducted power (dBm)	14.1	14.1	13.7
Maximum EIRP power (dBm)	18.6	18.6	18.2
Measurement uncertainty (dB)	<±0.78		

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.):

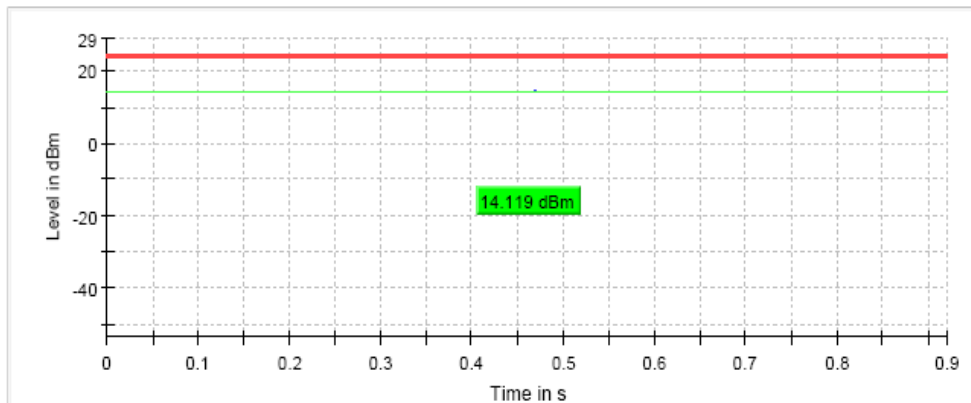
CONDUCTED OUTPUT POWER

Lowest Channel



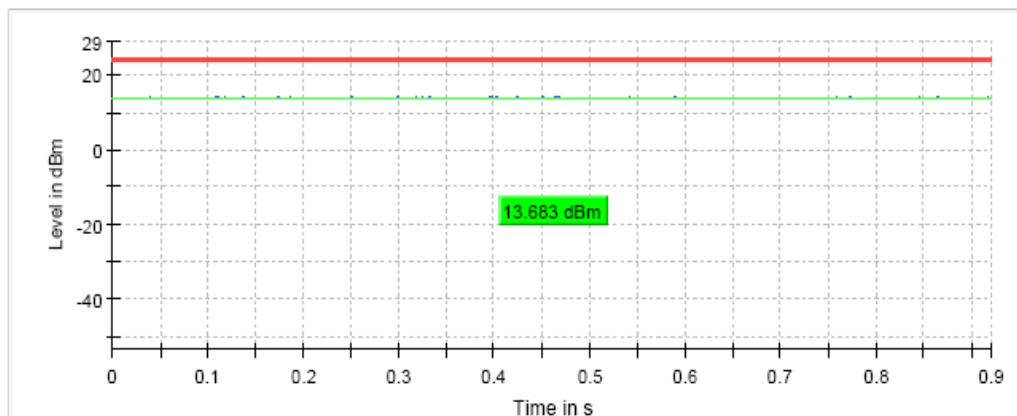
— Gated Trace — Overall — Limit

Middle Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

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

**Bandwidth: 20 MHz**

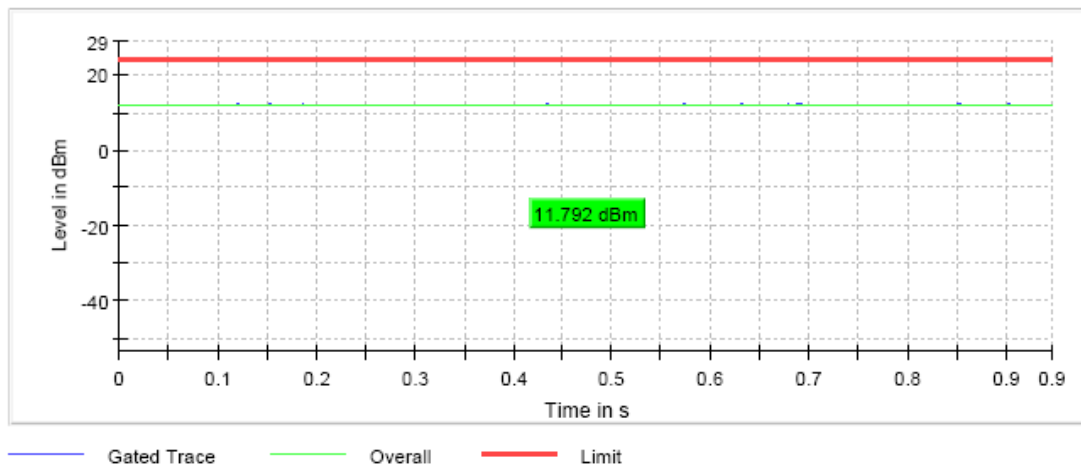
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5260 MHz	Middle frequency 5300 MHz	Highest frequency 5320 MHz
Maximum conducted power (dBm)	11.8	11.2	11.3
Maximum EIRP power (dBm)	16.3	15.7	15.8
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.

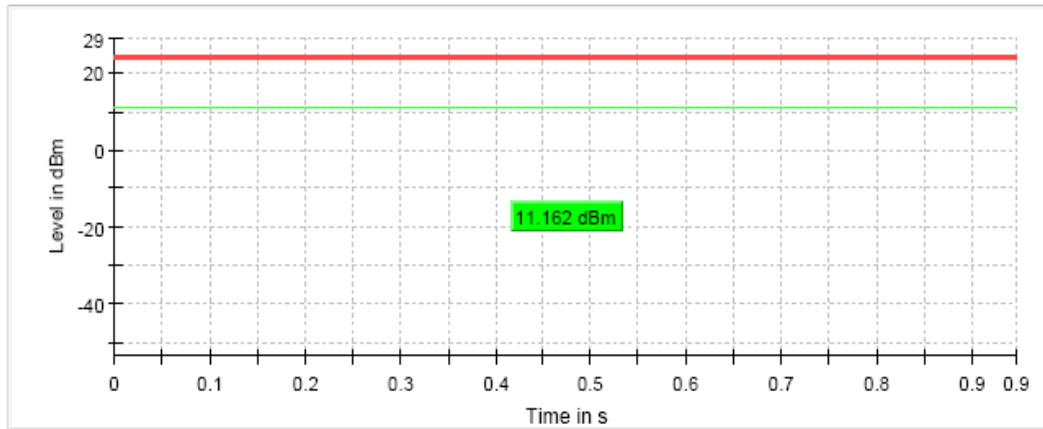
<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**



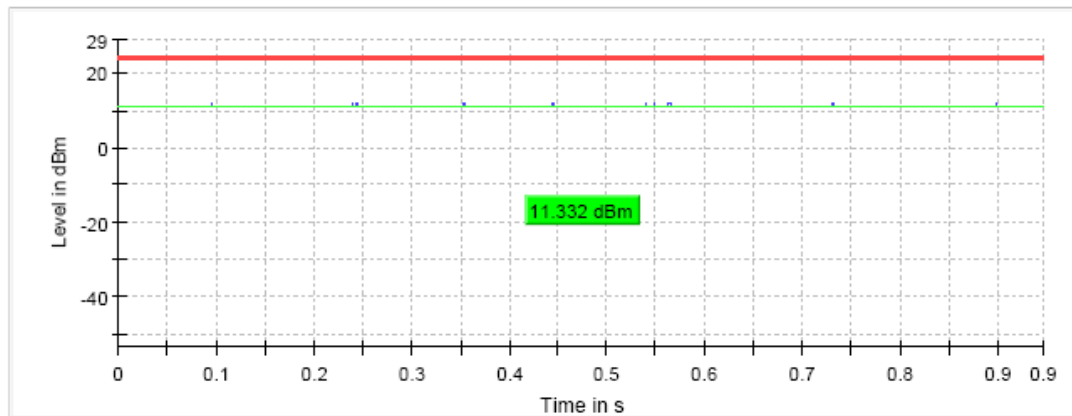
### TEST RESULTS (Cont.)

#### Middle Channel



— Gated Trace    — Overall    — Limit

#### Highest Channel



— Gated Trace    — Overall    — Limit

<b>TEST RESULTS</b>	<b>n Mode (40 MHz)</b>
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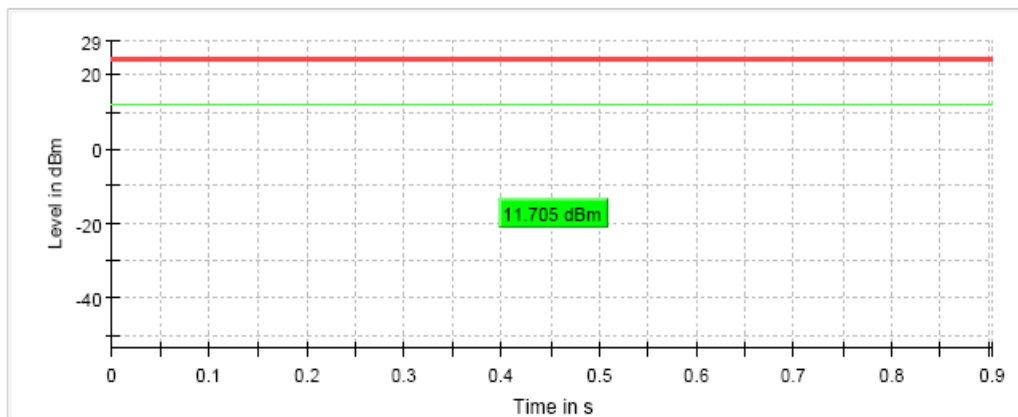
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
Maximum conducted power (dBm)	11.7	11.6
Maximum EIRP power (dBm)	16.2	16.1
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.

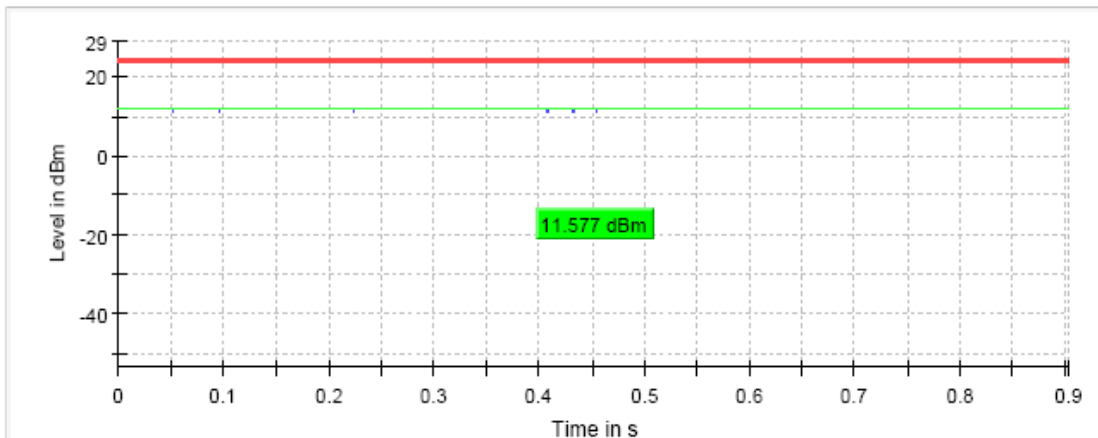
<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**



— Gated Trace    — Overall    — Limit

**Highest Channel**



— Gated Trace    — Overall    — Limit

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

**Bandwidth: 20 MHz**

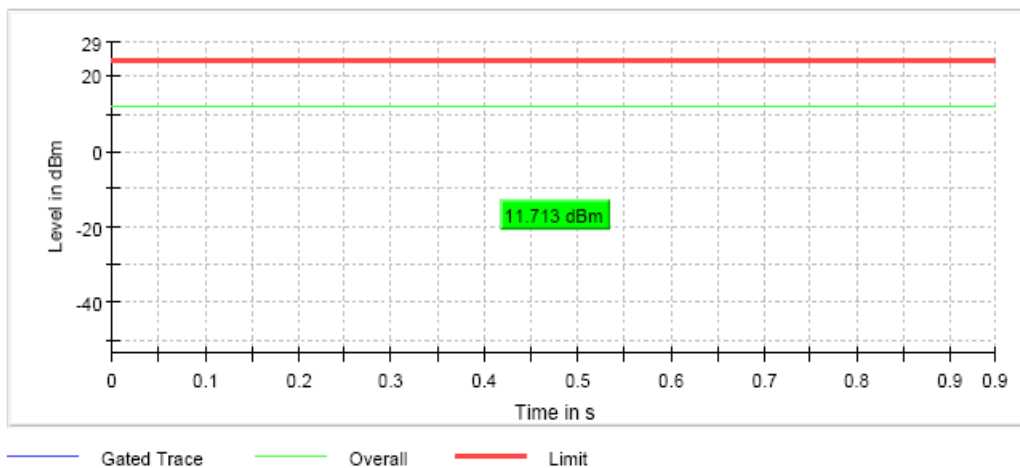
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5260 MHz	Middle frequency 5300 MHz	Highest frequency 5320 MHz
Maximum conducted power (dBm)	11.7	11	11.3
Maximum EIRP power (dBm)	16.2	15.5	15.8
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.

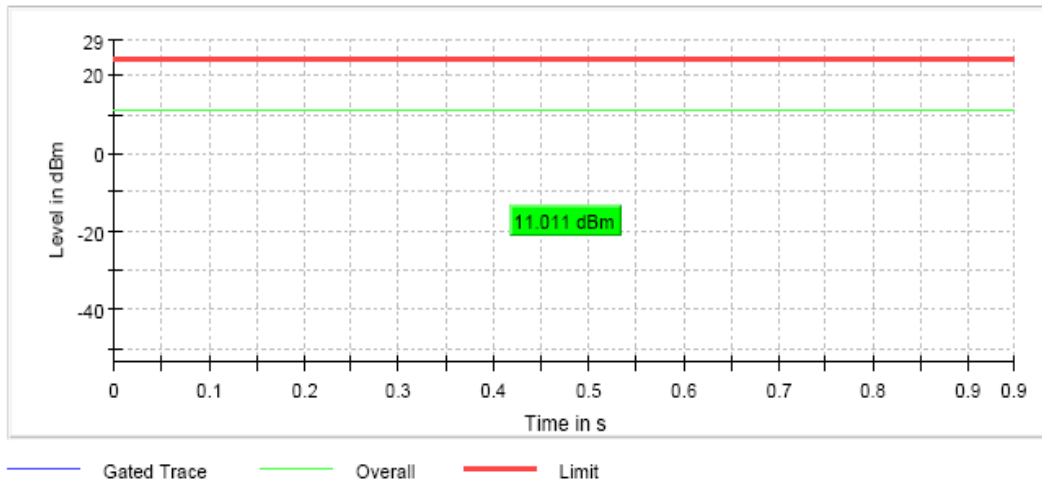
<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**

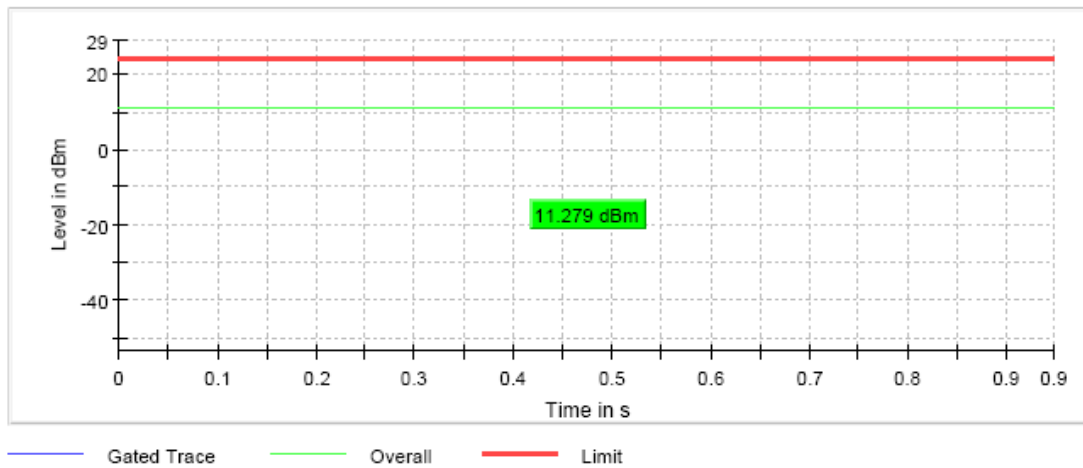


### TEST RESULTS (Cont.)

#### Middle Channel



#### Highest Channel





<b>TEST RESULTS</b>	<b>ac mode (40 MHz)</b>
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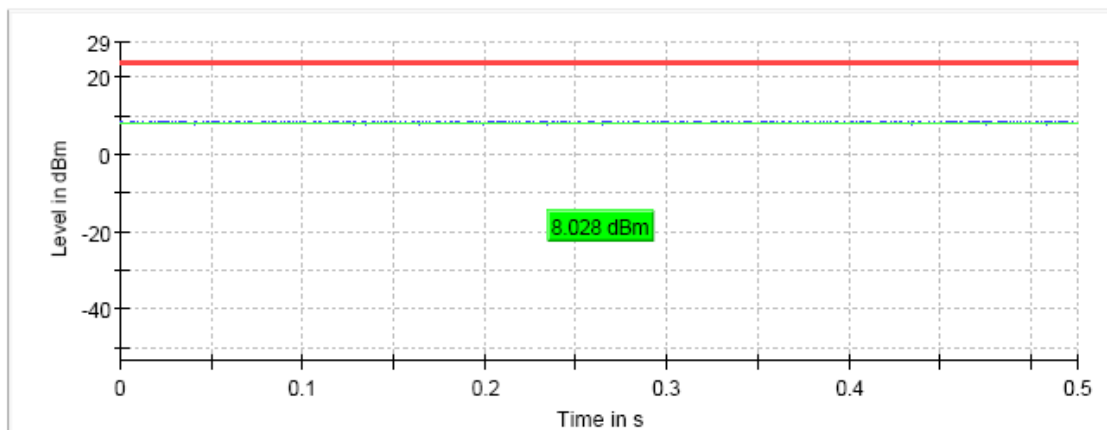
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
Maximum conducted power (dBm)	8	7.8
Maximum EIRP power (dBm)	12.5	12.3
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.

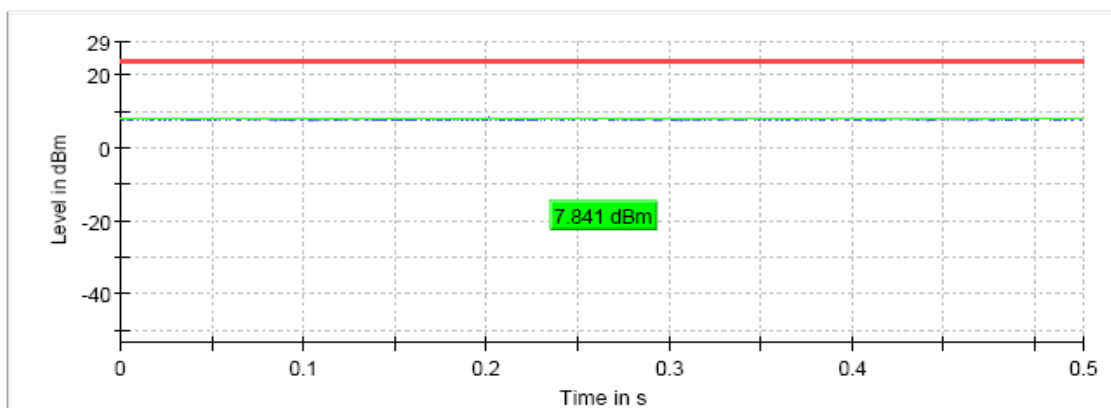
<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**



— Gated Trace    — Overall    — Limit

**Highest Channel**



— Gated Trace    — Overall    — Limit

<b>TEST RESULTS</b>	<b>ac mode (80 MHz)</b>
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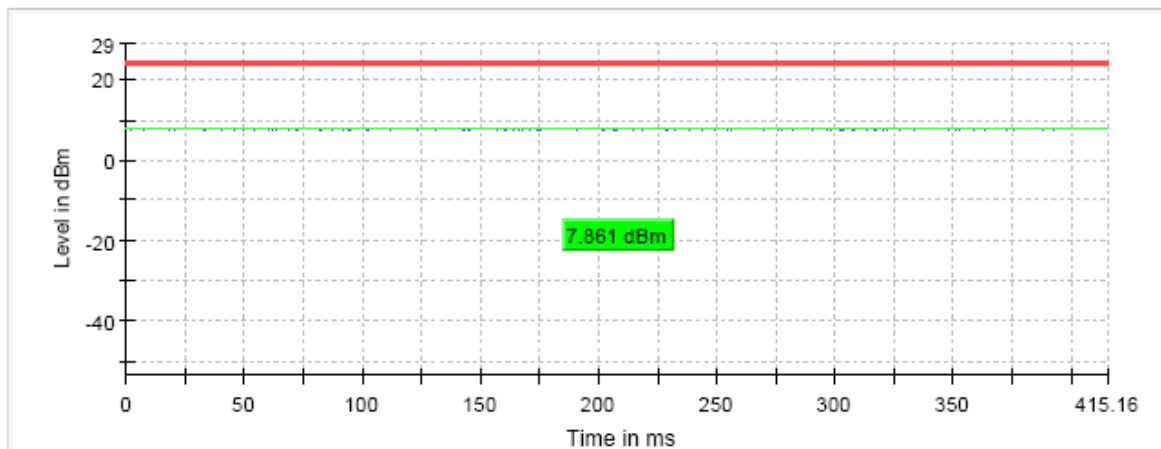
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5290 MHz
Maximum conducted power (dBm)	7.9
Maximum EIRP power (dBm)	12.4
Measurement uncertainty (dB)	$<\pm 0.78$

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.

<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**



— Gated Trace    — Overall    — Limit

## TEST C.3: POWER SPECTRAL DENSITY

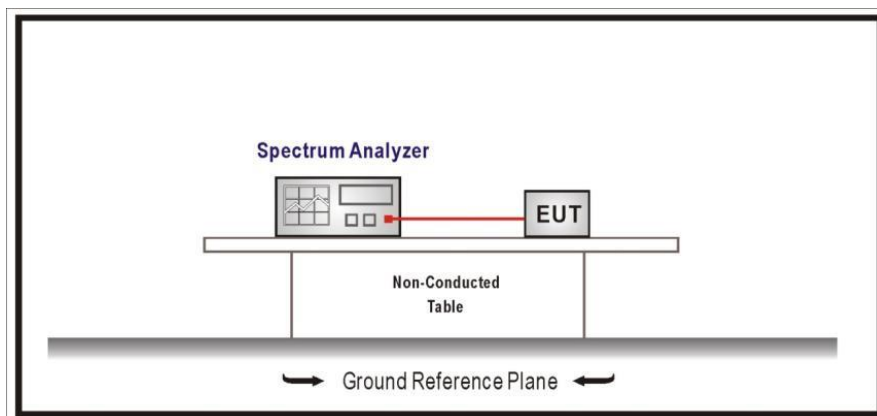
<b>LIMITS:</b>	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (5) and RSS-247 6.2.1.1

### 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.



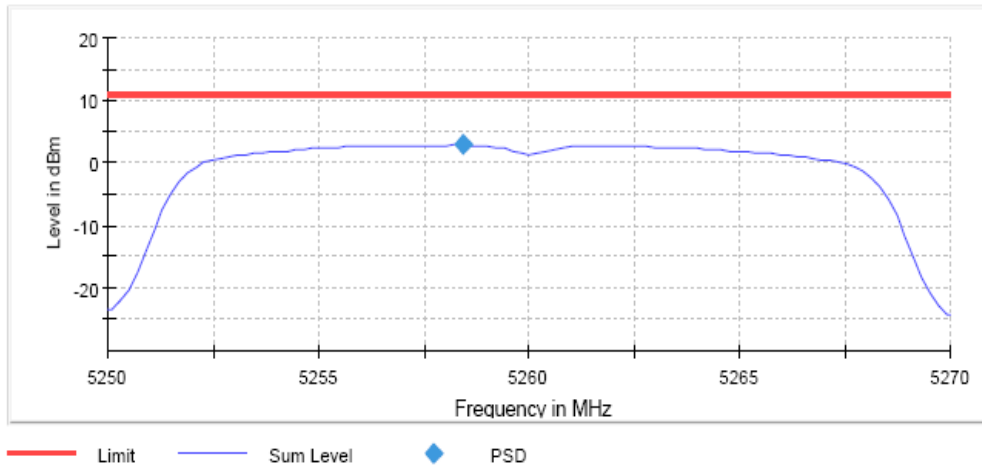
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#01 (a mode)
<b>TEST RESULTS:</b>	PASS

### Bandwidth: 20 MHz

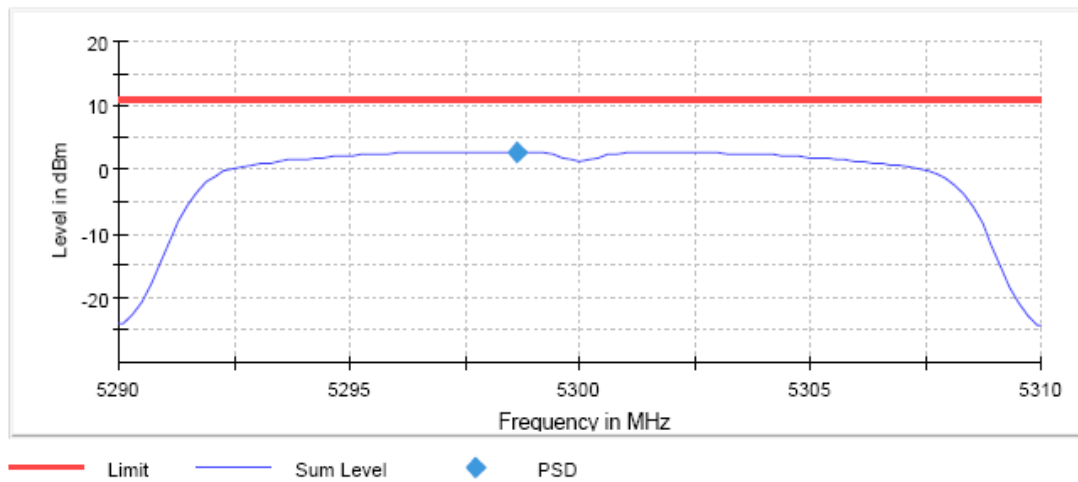
	Lowest frequency	Middle frequency	Highest frequency
	5260 MHz	5300 MHz	5320 MHz
Power spectral density (dBm)	2.818	2.809	2.343
Measurement uncertainty (dB)	<±0.78		

### TEST RESULTS (Cont.):

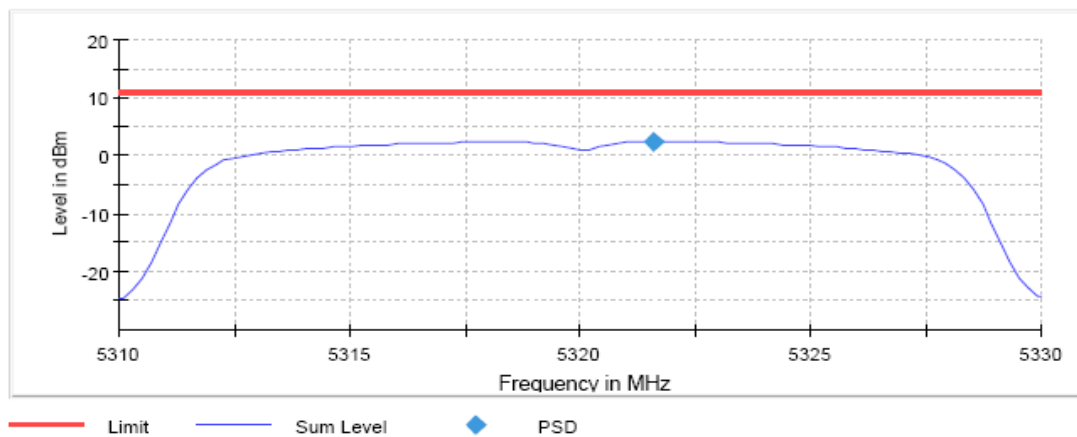
#### Low Channel



#### Middle Channel



#### High Channel



**TEST RESULTS (Cont.):**

**Measurement**

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.25000 GHz	5.29000 GHz	5.31000 GHz
Stop Frequency	5.27000 GHz	5.31000 GHz	5.33000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz kHz	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
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	0.06 dB	0.05 dB	0.04 dB

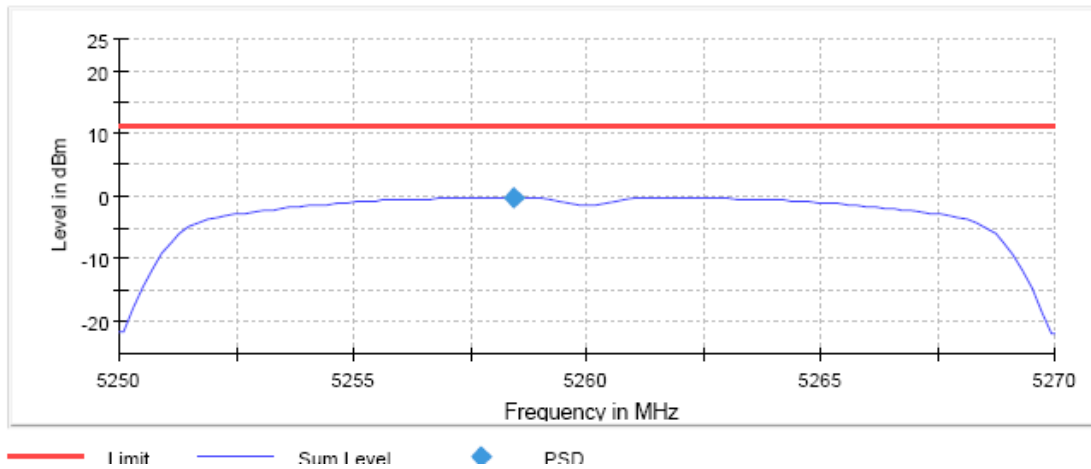
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n mode)
<b>TEST RESULTS:</b>	PASS

**Bandwidth: 20 MHz**

	Lowest frequency	Middle frequency	Highest frequency
	5260 MHz	5300 MHz	5320 MHz
Power spectral density (dBm)	-0.265	-0.758	-1.162
Measurement uncertainty (dB)	<±0.78		

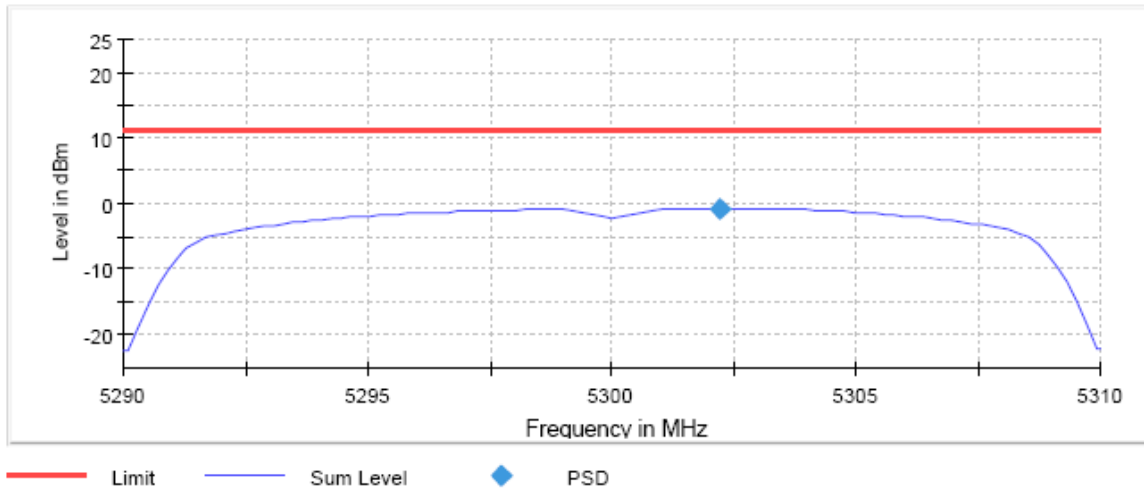
<b>TEST RESULTS (Cont.):</b>	
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**Low Channel**

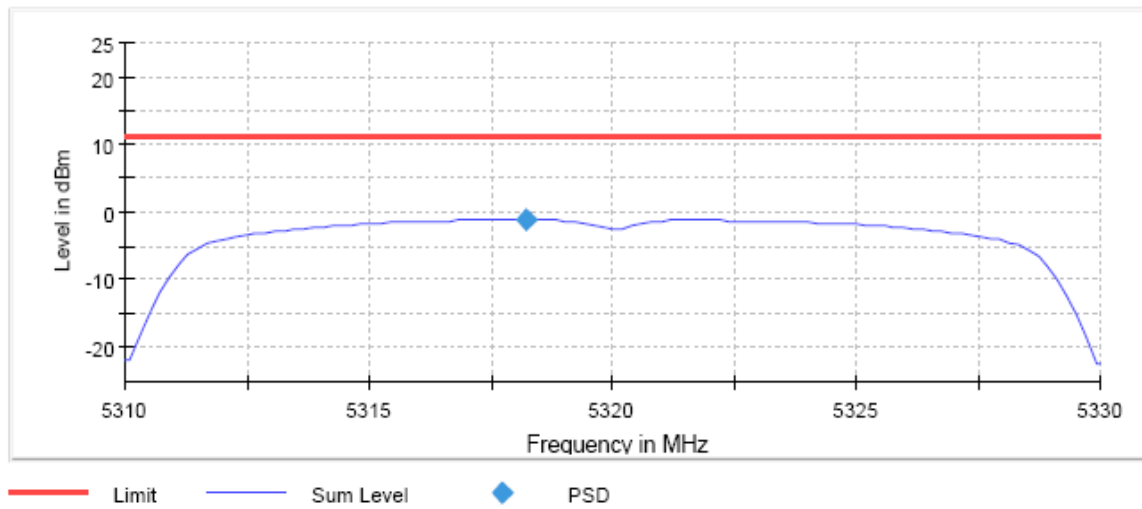


TEST RESULTS (Cont.):

Middle Channel



High Channel



<b>TEST RESULTS (Cont.):</b>	
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<b>Measurement</b>			
<b>Setting</b>	<b>Instrument Value</b>	<b>Instrument Value</b>	<b>Instrument Value</b>
Start Frequency	5.25000 GHz	5.29000 GHz	5.31000 GHz
Stop Frequency	5.27000 GHz	5.31000 GHz	5.33000 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	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	0.04 dB	0.04 dB	0.06 dB

<b>TEST RESULTS (Cont.):</b>	<b>n Mode</b>
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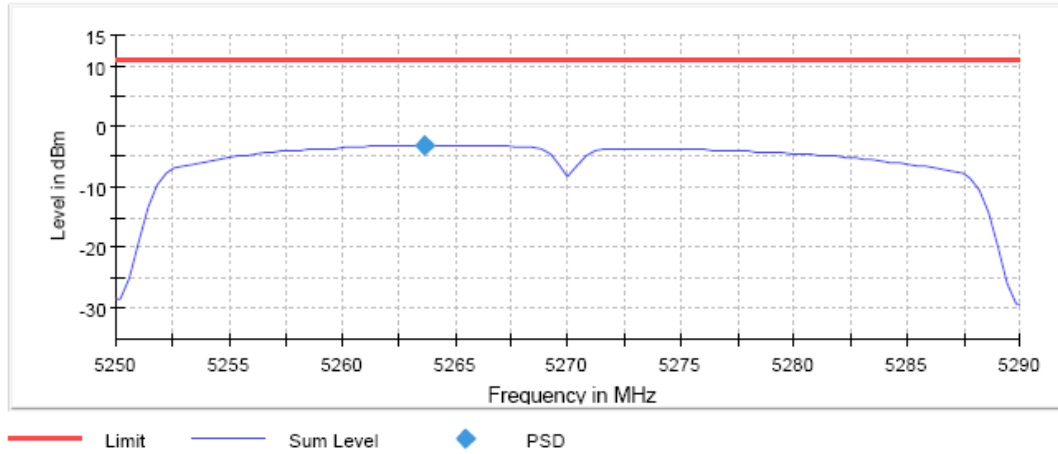
**Bandwidth: 40 MHz**

	Lowest frequency	Highest frequency
	5270 MHz	5310 MHz
Power spectral density (dBm)	-3.198	-3.451
Measurement uncertainty (dB)	<±0.78	

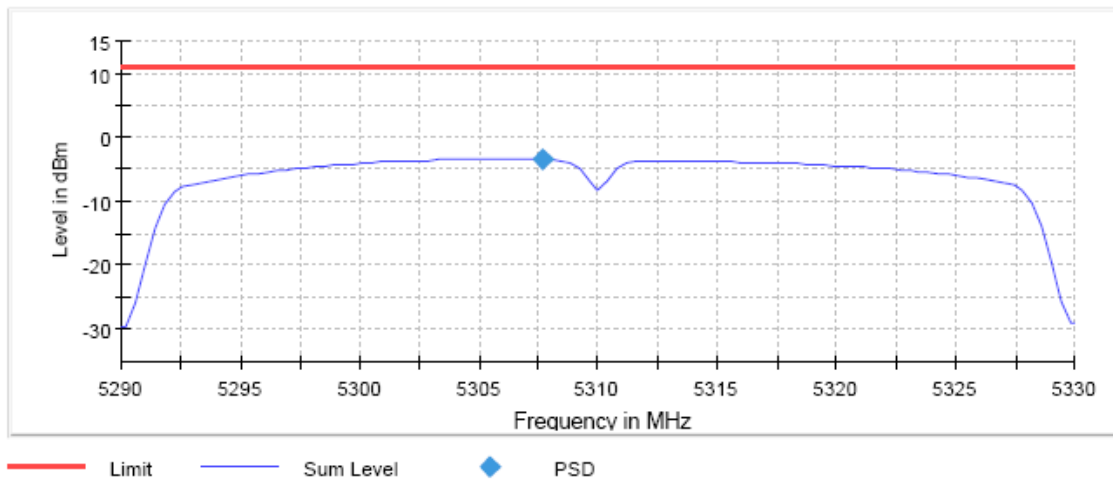


**TEST RESULTS (Cont.):**

**Lowest Channel**



**Highest Channel**



**TEST RESULTS (Cont.):**

**Measurement**

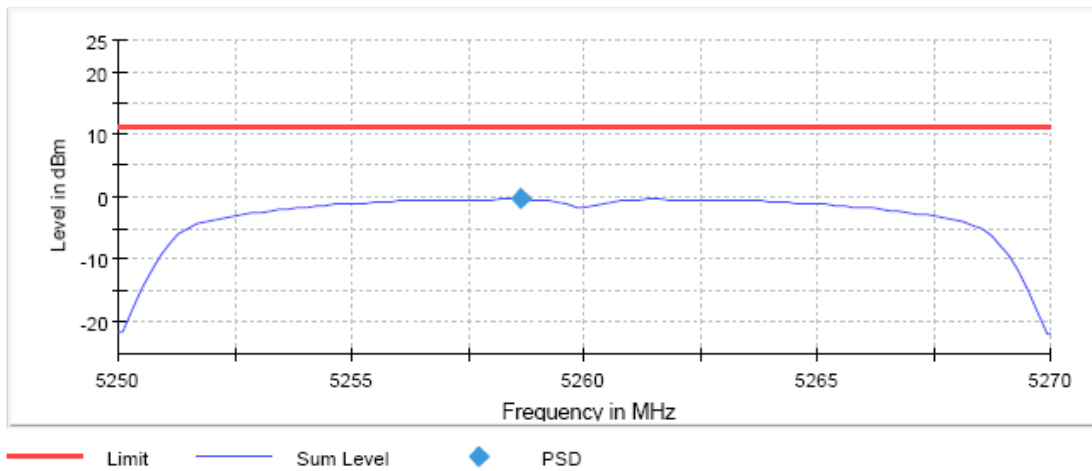
Setting	Instrument Value	Instrument Value
Start Frequency	5.25000 GHz	5.29000 GHz
Stop Frequency	5.29000 GHz	5.33000 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	101	101
Sweeptime	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	RMS	RMS
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.04 dB	0.06 dB

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

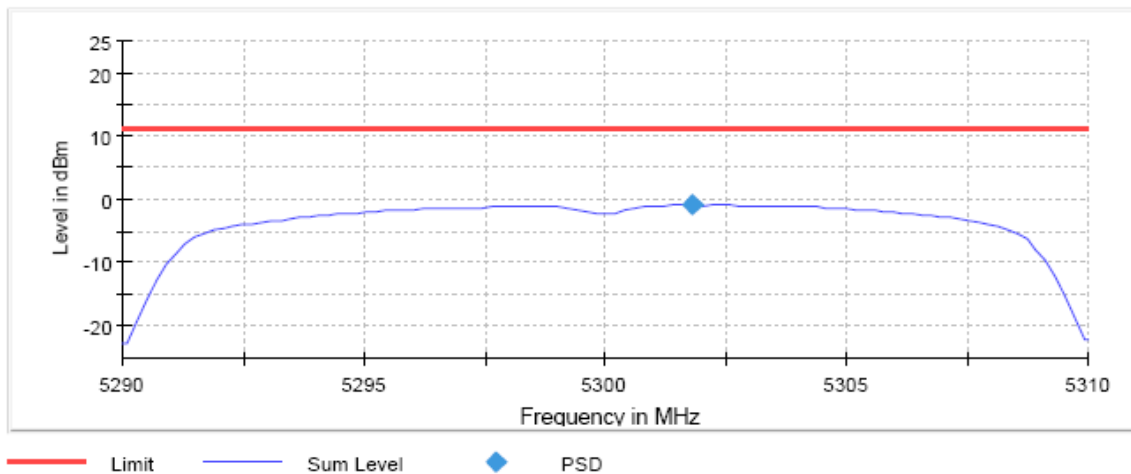
**Bandwidth: 20 MHz**

	Lowest frequency	Middle frequency	Highest frequency
	5260 MHz	5300 MHz	5320 MHz
Power spectral density (dBm)	-0.383	-0.953	-1.247
Measurement uncertainty (dB)	<±0.78		

**Lowest Channel**

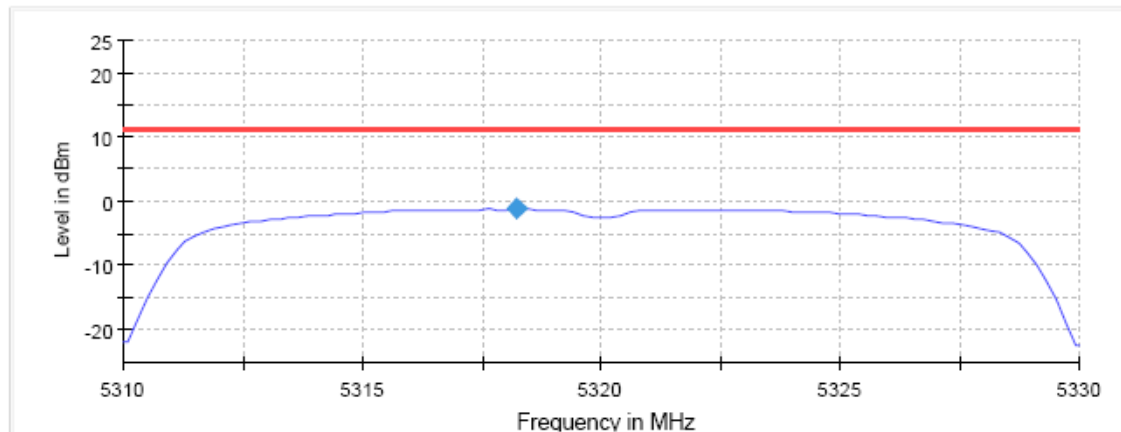


**Middle Channel**



**TEST RESULTS (Cont.)**

**Highest Channel**



— Limit    — Sum Level    ◆ PSD

**Measurement**

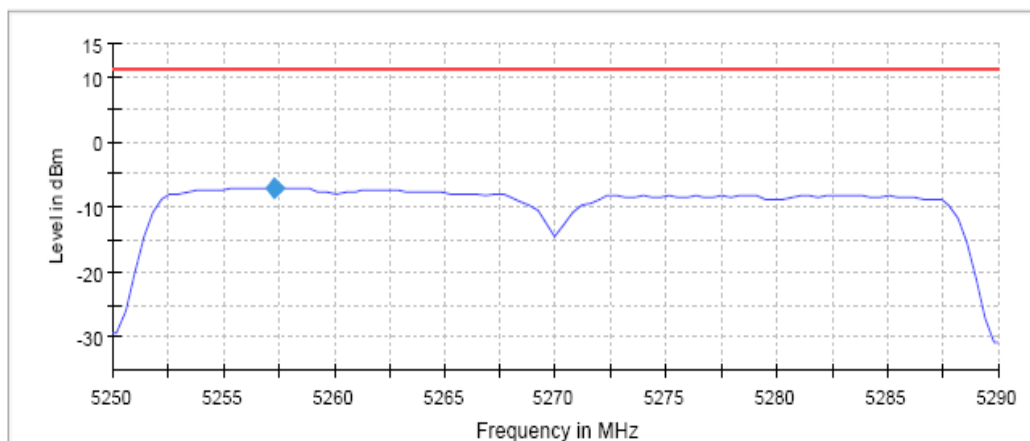
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.25000 GHz	5.29000 GHz	5.31000 GHz
Stop Frequency	5.27000 GHz	5.31000 GHz	5.33000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
Sweeptime	2.020 s	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm	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	0.06 dB	0.04 dB	0.04 dB

<b>TEST RESULTS</b>	<b>ac Mode (40 MHz)</b>
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	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
Power spectral density (dBm)	-7.102	-7.847
Measurement uncertainty (dB)	<±0.78	

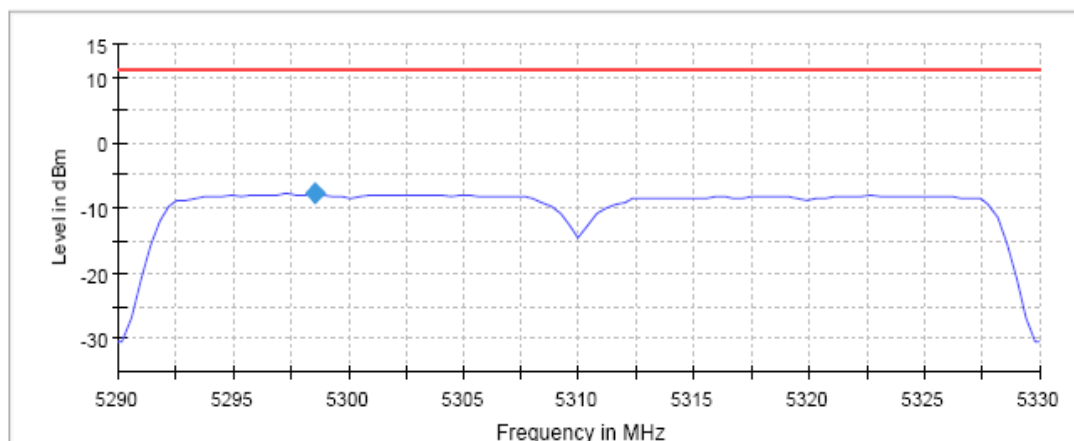
<b>TEST RESULTS (Cont.):</b>	
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**Lowest Channel**



— Limit    — Sum Level    ◆ PSD

**Highest Channel**



— Limit    — Sum Level    ◆ PSD

**TEST RESULTS (Cont.):**

**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.25000	5.29000
Stop Frequency	5.29000	5.33000
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	101	101
Sweeptime	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	RMS	RMS
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.10 dB	0.07 dB

TEST RESULTS	ac Mode (80 MHz)	
		Lowest frequency 5290 MHz
	Power spectral density (dBm)	-10.338
	Measurement uncertainty (dB)	<±0.78
TEST RESULTS (Cont.):		
<b>Lowest Channel</b>		
—	—	◆
Limit	Sum Level	PSD
<b>Measurement</b>		
Setting	Instrument Value	
Start Frequency	5.25000 GHz	
Stop Frequency	5.33000 GHz	
Span	80.000 MHz	
RBW	1.000 MHz	
VBW	3.000 MHz	
SweepPoints	160	
Sweptime	3.200 s	
Reference Level	10.000 dBm	
Attenuation	30.000 dB	
Detector	RMS	
SweepCount	3	
Filter	3 dB	
Trace Mode	Max Hold	
SweepType	Sweep	
Preamp	off	
Stablemode	Trace	
Stablevalue	0.30 dB	
Run	4 / max. 150	
Stable	3 / 3	
Max Stable Difference	0.11 dB	

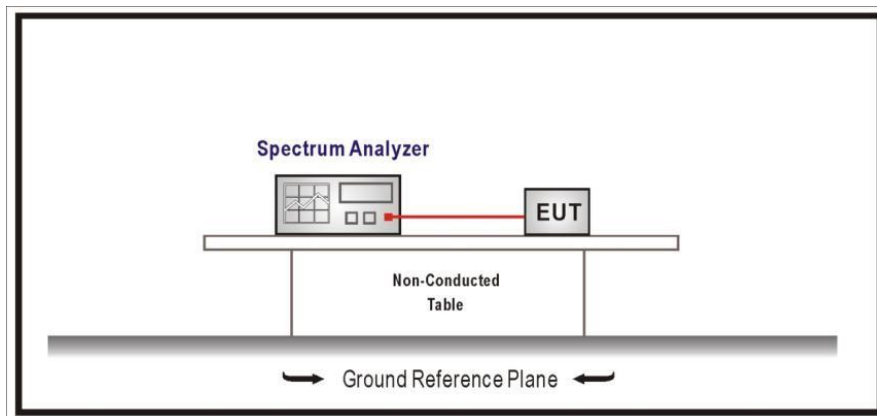
### TEST C.4: BAND-EDGE EMISSIONS COMPLIANCE (TRANSMITTER)

<b>LIMITS:</b>	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

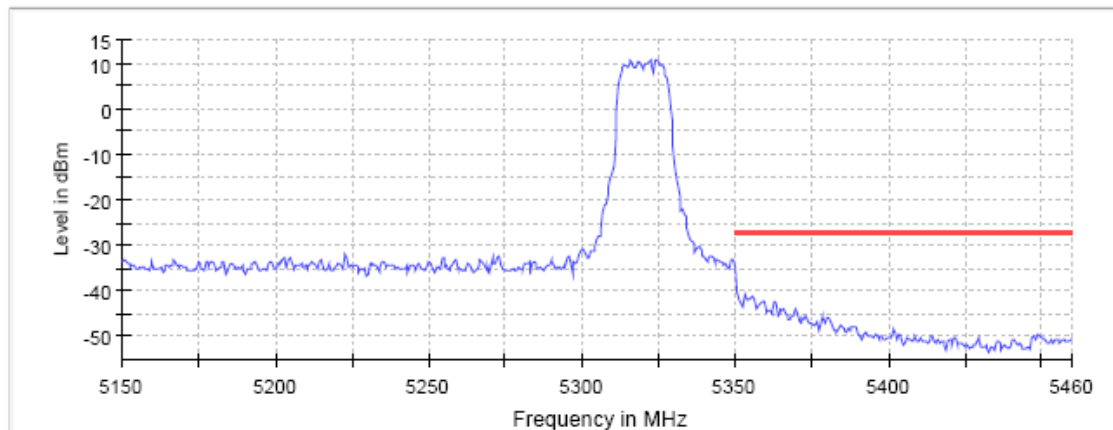
**TEST SETUP**





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

**Highest Channel**



— Limit    — Sum Level    × Fail

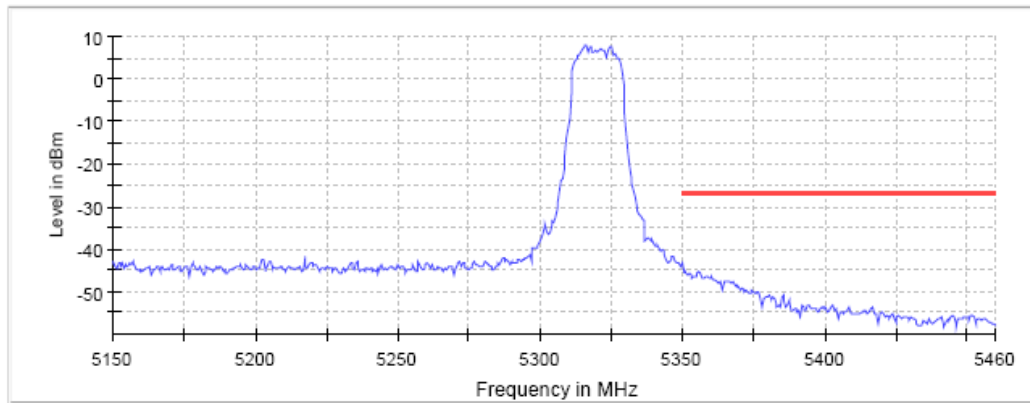
Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.35000 GHz
Stop Frequency	5.35000 GHz	5.46000 GHz
Span	200.000 MHz	110.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	400	220
Sweeptime	28.594 us	15.250 us
Reference Level	20.000 dBm	0.000 dBm
Attenuation	40.000 dB	20.000 dB
Detector	Maxpeak	Maxpeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	15 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.42 dB	0.00 dB

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

**Bandwidth: 20 MHz**

**Highest Channel**



— Limit    — Sum Level    × Fail

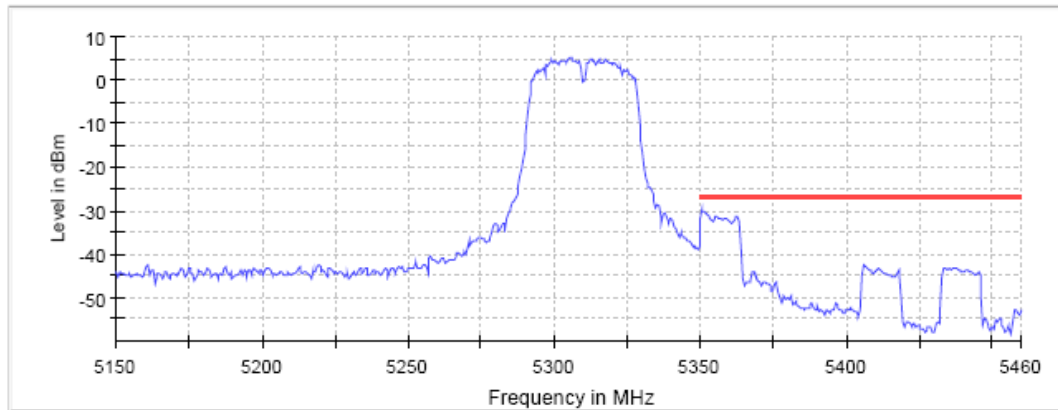
**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.35000 GHz
Stop Frequency	5.35000 GHz	5.46000 GHz
Span	200.000 MHz	110.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	400	220
Sweeptime	28.594 $\mu$ s	15.250 $\mu$ s
Reference Level	10.000 dBm	-10.000 dBm
Attenuation	30.000 dB	10.000 dB
Detector	Maxpeak	Maxpeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	26 / max. 150	19 / max. 150
Stable	3 / 3	3 / 3
Max Stable	0.41 dB	0.12 dB

**TEST RESULTS (Cont.):**

**n Mode (40 MHz)**

**Highest Channel**



— Limit    — Sum Level    × Fail

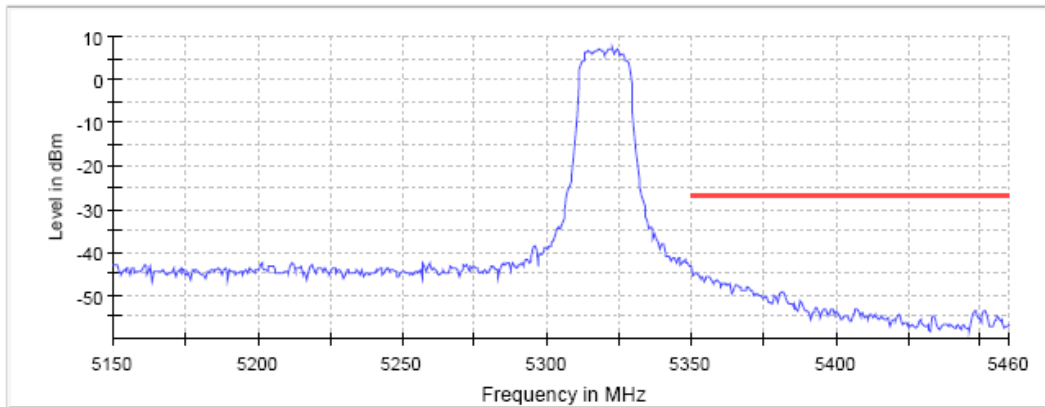
**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.35000 GHz
Stop Frequency	5.35000 GHz	5.46000 GHz
Span	200.000 MHz	110.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	400	220
Sweptime	28.594 us	15.250 us
Reference Level	10.000 dBm	-10.000 dBm
Attenuation	30.000 dB	10.000 dB
Detector	Maxpeak	Maxpeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	22 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3
Max Stable	0.27 dB	0.00 dB

<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#03 (ac mdoe)
<b>TEST RESULTS:</b>	PASS

**Bandwidth: 20 MHz**

**Highest Channel**



— Limit    — Sum Level    × Fail

**Measurement**

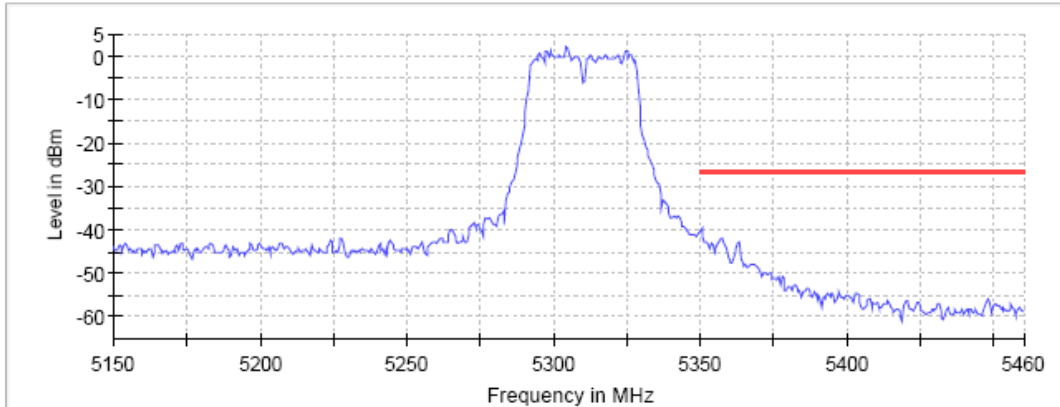
Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.35000 GHz
Stop Frequency	5.35000 GHz	5.46000 GHz
Span	200.000 MHz	110.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	400	220
Sweeptime	28.594 us	15.250 us
Reference Level	10.000 dBm	-10.000 dBm
Attenuation	30.000 dB	10.000 dB
Detector	Maxpeak	Maxpeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	25 / max. 150	16 / max. 150
Stable	3 / 3	3 / 3
Max Stable	0.00 dB	0.00 dB

**TEST RESULTS (Cont.):**

**ac mode (40 MHz)**

**Bandwidth: 40 MHz**

**Highest Channel**



— Limit    — Sum Level    × Fail

**Measurement**

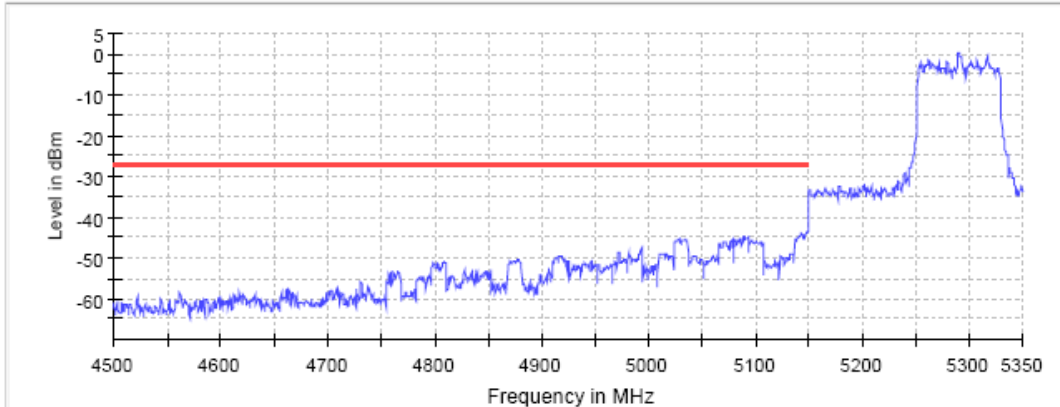
Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.35000 GHz
Stop Frequency	5.35000 GHz	5.46000 GHz
Span	200.000 MHz	110.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	400	220
Sweeptime	28.594 us	15.250 us
Reference Level	10.000 dBm	-10.000 dBm
Attenuation	30.000 dB	10.000 dB
Detector	Maxpeak	Maxpeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	22 / max. 150	15 / max. 150
Stable	3 / 3	3 / 3
Max Stable	0.00 dB	0.00 dB

**TEST RESULTS (Cont.):**

**ac mode (80 MHz)**

**Bandwidth: 80 MHz**

**Lowest Channel**



**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	4.50000 GHz
Stop Frequency	5.35000 GHz	5.15000 GHz
Span	200.000 MHz	650.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	400	1300
Sweeptime	28.594 us	87.688 us
Reference Level	20.000 dBm	-10.000 dBm
Attenuation	40.000 dB	10.000 dB
Detector	Maxpeak	Maxpeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	34 / max. 150	20 / max. 150
Stable	3 / 3	3 / 3
Max Stable	0.25 dB	0.00 dB

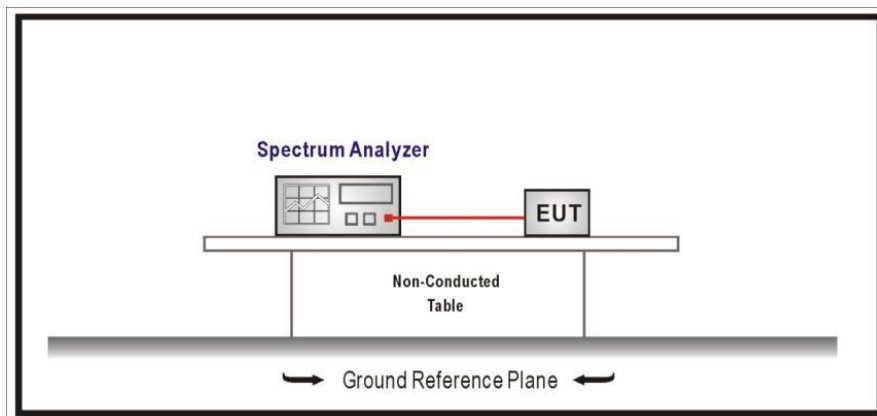
### TEST C.5: EMISSION LIMITATIONS CONDUCTED (TRANSMITTER)

<b>LIMITS:</b>	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

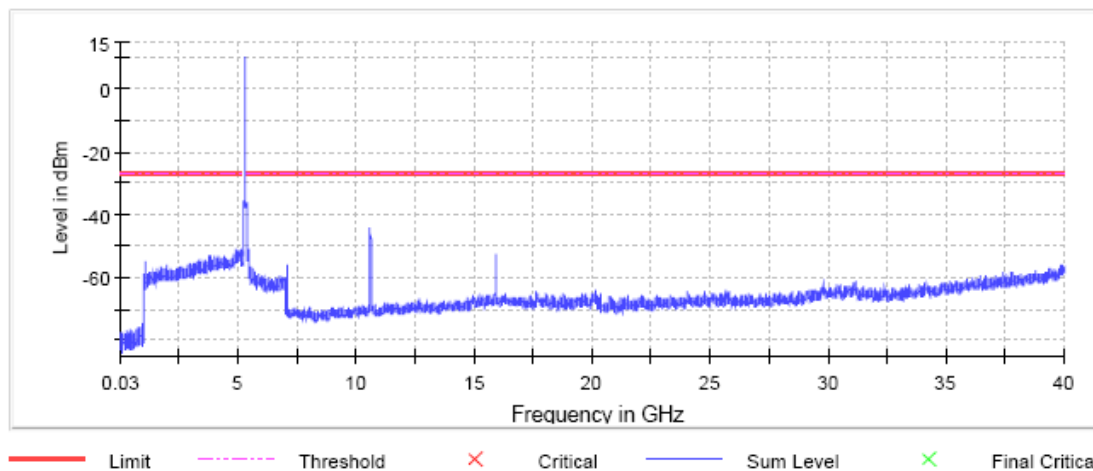


<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#01 (a mode)
<b>TEST RESULTS:</b>	PASS

**Bandwidth: 20 MHz**

**Frequency: 5300 MHz**

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



### Measurement Settings

Setting	Instrument Value	Instrument Value
Start Frequency	30.000 MHz	30.000 MHz
Stop Frequency	40 GHz	40 GHz
RBW	100.000 kHz	1.000 MHz
VBW	300.000 kHz	3.000 MHz
Sweep Points	9700	4150
Sweep time	9.700 ms	4.150 ms
Reference Level	-20.000 dBm	-10.000 dBm
Attenuation	10.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
Sweep Count	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	sweep	Sweep
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.00 dB	0.00 dB

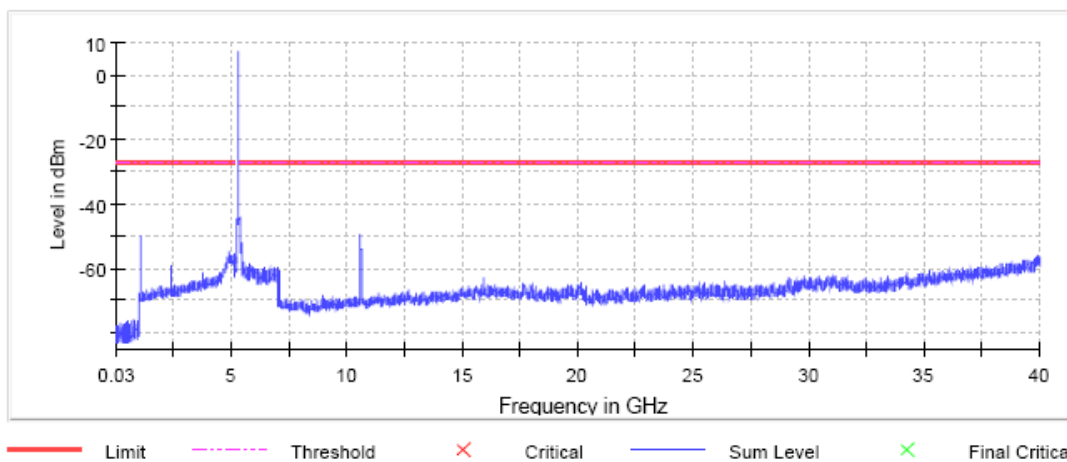


<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n mode)
<b>TEST RESULTS:</b>	PASS

**Bandwidth: 20 MHz**

**Frequency: 5300 MHz**

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



### Measurement Settings

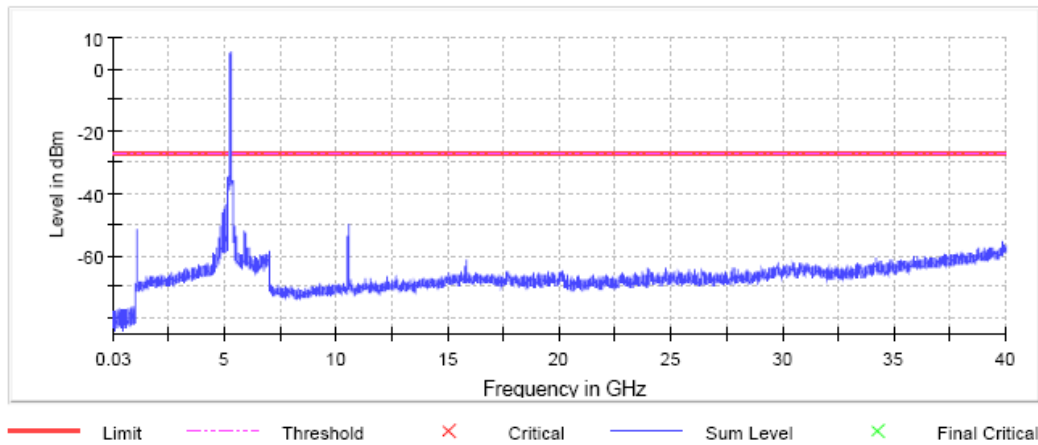
Setting	Instrument Value	Instrument Value
<b>Start Frequency</b>	<b>30.000 MHz</b>	<b>30.000 MHz</b>
<b>Stop Frequency</b>	<b>40 GHz</b>	<b>40 GHz</b>
<b>RBW</b>	100.000 kHz	1.000 MHz
<b>VBW</b>	300.000 kHz	3.000 MHz
<b>Sweep Points</b>	9700	4150
<b>Sweep time</b>	9.700 ms	4.150 ms
<b>Reference Level</b>	-20.000 dBm	-20.000 dBm
<b>Attenuation</b>	10.000 dB	10.000 dB
<b>Detector</b>	MaxPeak	MaxPeak
<b>Sweep Count</b>	30	30
<b>Filter</b>	3 dB	3 dB
<b>Trace Mode</b>	Max Hold	Max Hold
<b>Sweep type</b>	sweep	Sweep
<b>Preamp</b>	off	off
<b>Stable mode</b>	Trace	Trace
<b>Stable value</b>	0.50 dB	0.50 dB
<b>Run</b>	4 / max. 150	45 / max. 150
<b>Stable</b>	3 / 3	3 / 3
<b>Max Stable Difference</b>	0.00 dB	0.00 dB

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

**Bandwidth: 40 MHz**

**Frequency: 5270 MHz**

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



### Measurement Settings

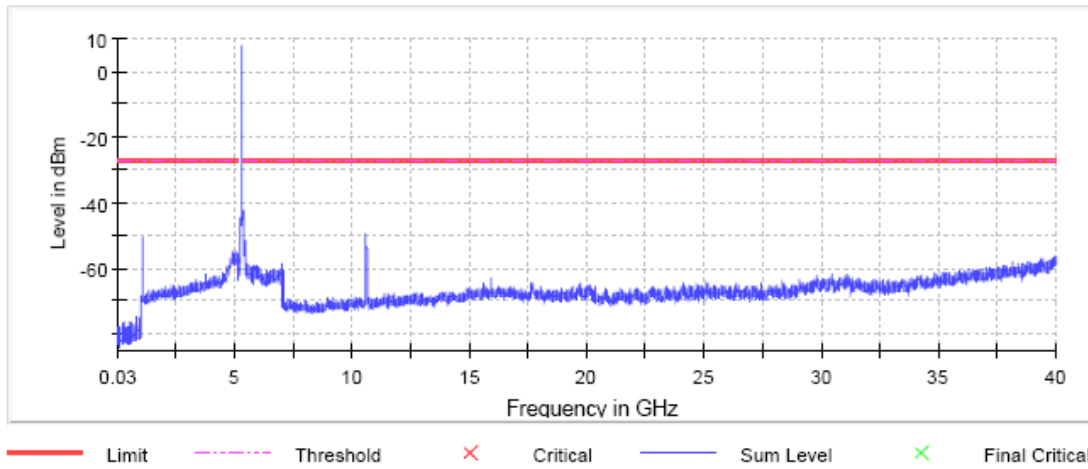
Setting	Instrument Value	Instrument Value
<b>Start Frequency</b>	30.000 MHz	30.000 MHz
<b>Stop Frequency</b>	40 GHz	40 GHz
<b>RBW</b>	100.000 kHz	1.000 MHz
<b>VBW</b>	300.000 kHz	3.000 MHz
<b>Sweep Points</b>	9700	4150
<b>Sweep time</b>	9.700 ms	4.150 ms
<b>Reference Level</b>	-20.000 dBm	-20.000 dBm
<b>Attenuation</b>	10.000 dB	10.000 dB
<b>Detector</b>	MaxPeak	MaxPeak
<b>Sweep Count</b>	30	30
<b>Filter</b>	3 dB	3 dB
<b>Trace Mode</b>	Max Hold	Max Hold
<b>Sweep type</b>	sweep	Sweep
<b>Preamp</b>	off	off
<b>Stable mode</b>	Trace	Trace
<b>Stable value</b>	0.50 dB	0.50 dB
<b>Run</b>	4 / max. 150	13 / max. 150
<b>Stable</b>	3 / 3	3 / 3
<b>Max Stable Difference</b>	0.00 dB	0.00 dB

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

**Bandwidth: 20 MHz**

**Frequency: 5300 MHz**

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



**Measurement Settings**

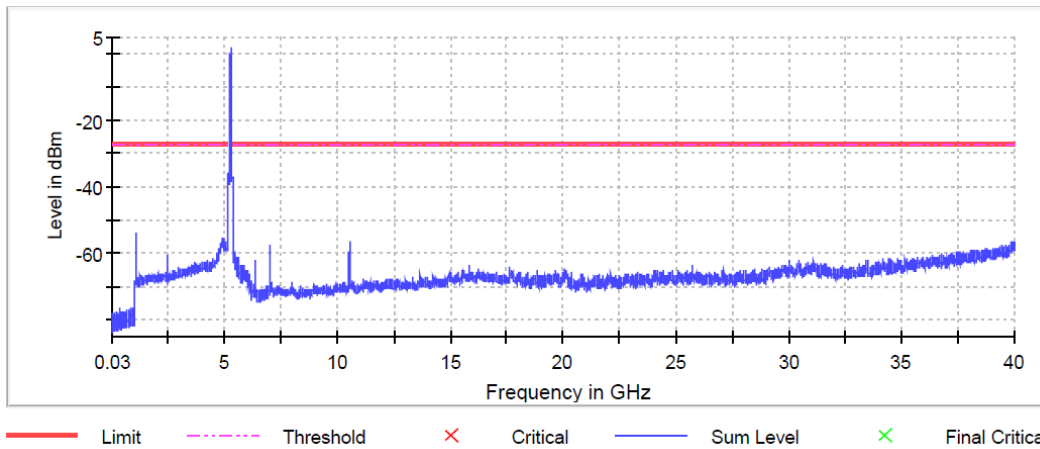
Setting	Instrument Value	Instrument Value
<b>Start Frequency</b>	<b>30.000 MHz</b>	<b>30.000 MHz</b>
<b>Stop Frequency</b>	<b>40 GHz</b>	<b>40 GHz</b>
<b>RBW</b>	100.000 kHz	1.000 MHz
<b>VBW</b>	300.000 kHz	3.000 MHz
<b>Sweep Points</b>	9700	4150
<b>Sweep time</b>	9.700 ms	4.150 ms
<b>Reference Level</b>	-20.000 dBm	-20.000 dBm
<b>Attenuation</b>	10.000 dB	10.000 dB
<b>Detector</b>	MaxPeak	MaxPeak
<b>Sweep Count</b>	30	30
<b>Filter</b>	3 dB	3 dB
<b>Trace Mode</b>	Max Hold	Max Hold
<b>Sweep type</b>	sweep	Sweep
<b>Preamp</b>	off	off
<b>Stable mode</b>	Trace	Trace
<b>Stable value</b>	0.50 dB	0.50 dB
<b>Run</b>	4 / max. 150	35 / max. 150
<b>Stable</b>	3 / 3	3 / 3
<b>Max Stable Difference</b>	0.00 dB	0.00 dB

<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (ac mode)
<b>TEST RESULTS:</b>	PASS

**Bandwidth: 40 MHz**

**Frequency: 5270 MHz**

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



**Measurement Settings**

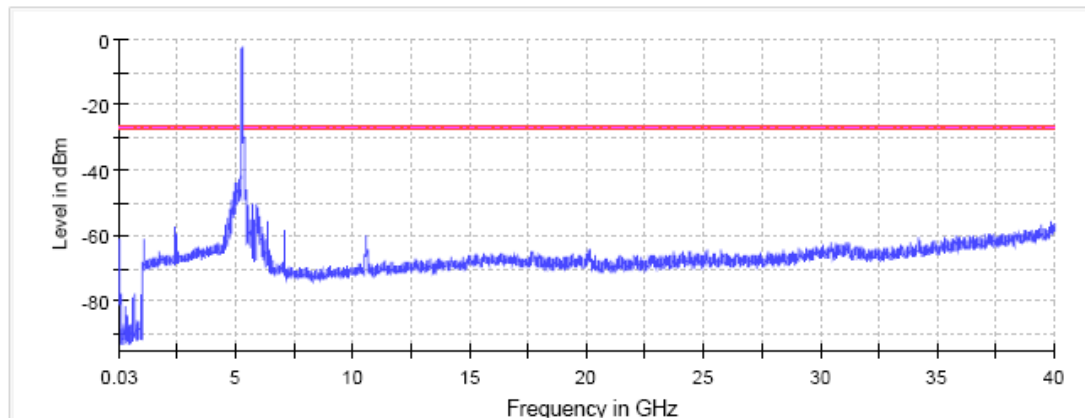
Setting	Instrument Value	Instrument Value
Start Frequency	30.000 MHz	30.000 MHz
Stop Frequency	40 GHz	40 GHz
RBW	100.000 kHz	1.000 MHz
VBW	300.000 kHz	3.000 MHz
Sweep Points	9700	4150
Sweep time	9.700 ms	4.150 ms
Reference Level	-20.000 dBm	-20.000 dBm
Attenuation	10.000 dB	10.000 dB
Detector	MaxPeak	MaxPeak
Sweep Count	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	sweep	Sweep
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	4 / max. 150	99 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.00 dB	0.44 dB

<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#03 (ac mode 80 MHz BW)
<b>TEST RESULTS:</b>	PASS
<b>TEST RESULTS (Cont.):</b>	

**Frequency: 5290 MHz**

No spurious signal was detected at 20dB below the limit or above for all three channels.

**Lowest Channel**



— Limit    - - - Threshold    × Critical    — Sum Level    × Final Critical

**Measurement Settings**

Setting	Instrument Value	Instrument Value
<b>Start Frequency</b>	<b>30.000 MHz</b>	<b>30.000 MHz</b>
<b>Stop Frequency</b>	<b>40 GHz</b>	<b>40 GHz</b>
<b>RBW</b>	100.000 kHz	1.000 MHz
<b>VBW</b>	300.000 kHz	3.000 MHz
<b>Sweep Points</b>	9700	4150
<b>Sweep time</b>	9.700 ms	4.150 ms
<b>Reference Level</b>	-30.000 dBm	-20.000 dBm
<b>Attenuation</b>	0.000 dB	10.000 dB
<b>Detector</b>	MaxPeak	MaxPeak
<b>Sweep Count</b>	30	30
<b>Filter</b>	3 dB	3 dB
<b>Trace Mode</b>	Max Hold	Max Hold
<b>Sweep type</b>	sweep	Sweep
<b>Preamp</b>	off	off
<b>Stable mode</b>	Trace	Trace
<b>Stable value</b>	0.50 dB	0.50 dB
<b>Run</b>	4 / max. 150	60 / max. 150
<b>Stable</b>	3 / 3	3 / 3
<b>Max Stable Difference</b>	0.00 dB	0.00 dB

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

<b>LIMITS:</b>	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.

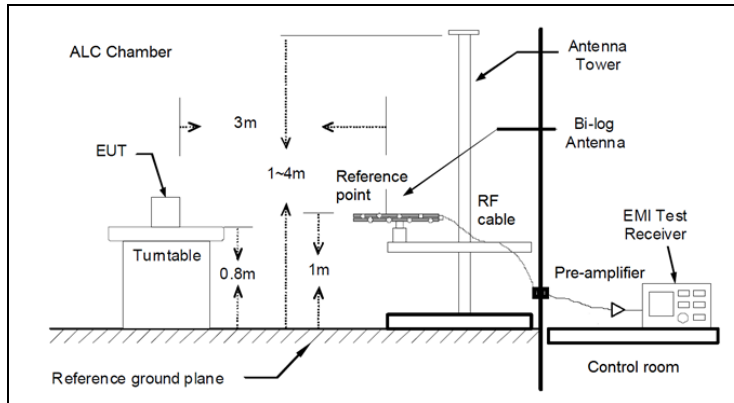
The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

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

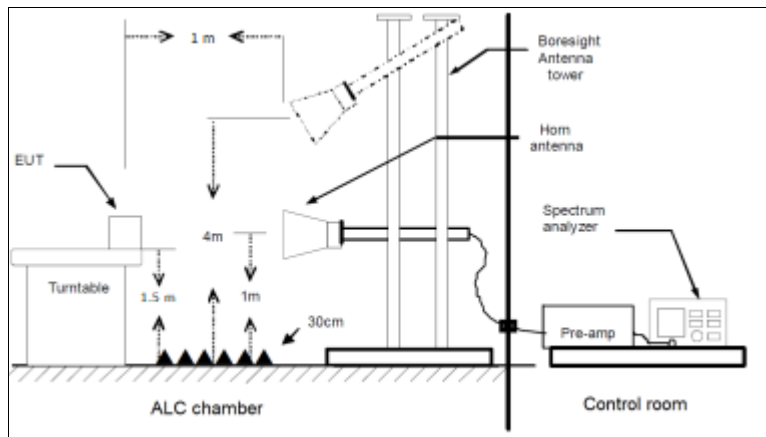
The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

**TEST SETUP (CONT.)**

**Radiated measurements Setup  $f < 1$  GHz**



**Radiated measurements setup  $f > 1$  GHz**



<b>TESTED SAMPLES:</b>	S/02
<b>TESTED CONDITIONS MODES:</b>	TC#01 (a mode)
<b>TEST RESULTS:</b>	PASS

**Co-Location**

The test was performed with the equipment transmitting first with only the WiFi 5 GHz (WLAN0 CORE0) radio and repeated with the 2.4 GHz BT-EDR (WLAN 0), WiFi 2.4GHz (WLAN0 CORE1) radios transmitting simultaneously to check the impact of the co-location of the other radio interfaces. The results and plots below show the worst results obtained.

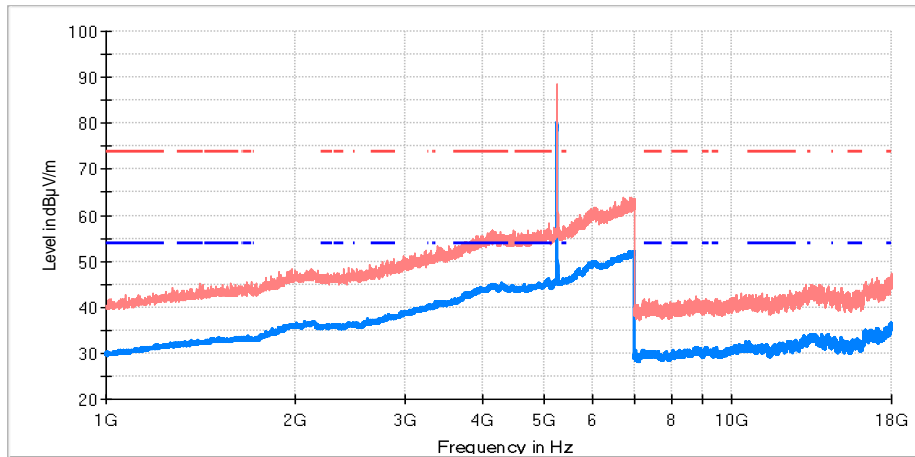
**Frequency range 1 GHz – 40 GHz**

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.

<b>TEST RESULTS (Cont.)</b>	
<b>FREQUENCY RANGE</b>	<b>1 GHz – 18 GHz</b>

**Low Channel**

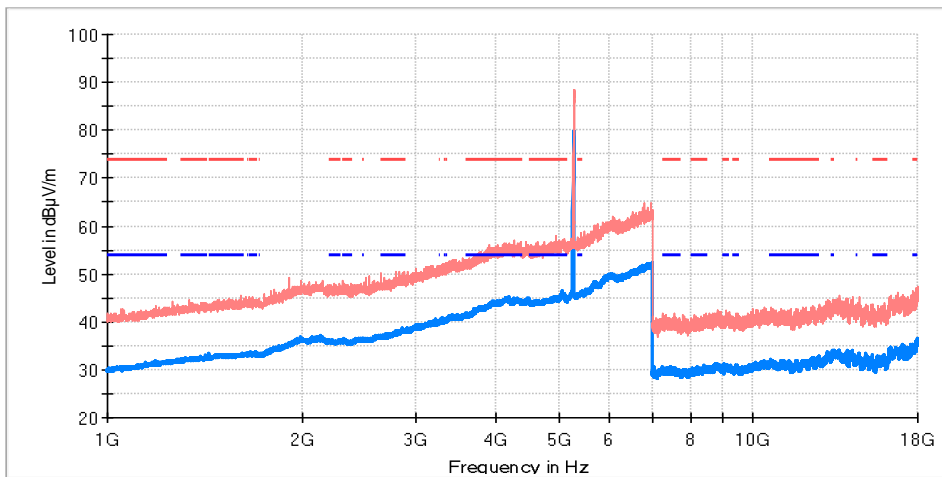
RF\_FCC\_15.407\_E Field\_1GHz\_18GHz



- 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**

RF\_FCC\_15.407\_E Field\_1GHz\_18GHz

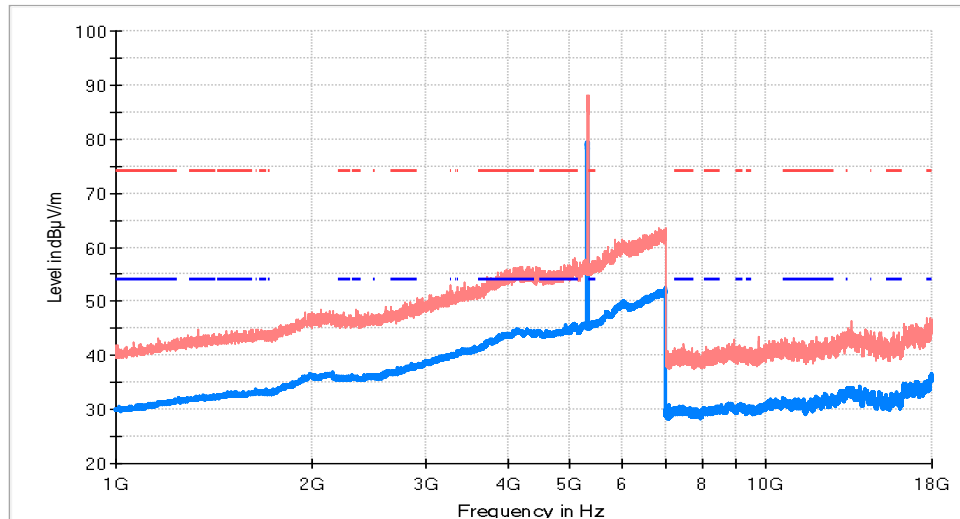


- AVG\_MAXH
- PK+ MAXH
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit



**TEST RESULTS (Cont.)**

**High Channel**



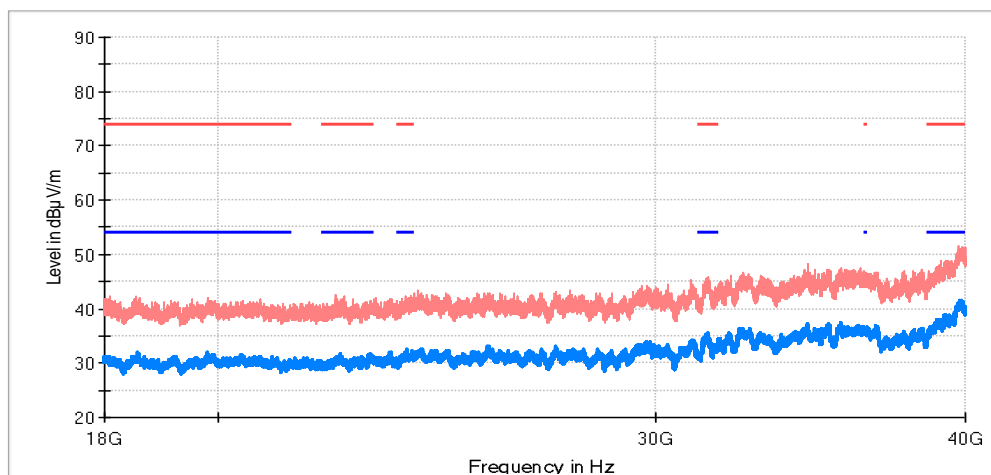
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands AVG Limit

**FREQUENCY RANGE**

**18 GHz – 40 GHz**

**Low Channel**

RF\_FCC\_15.407\_E Field\_18GHz\_40GHz

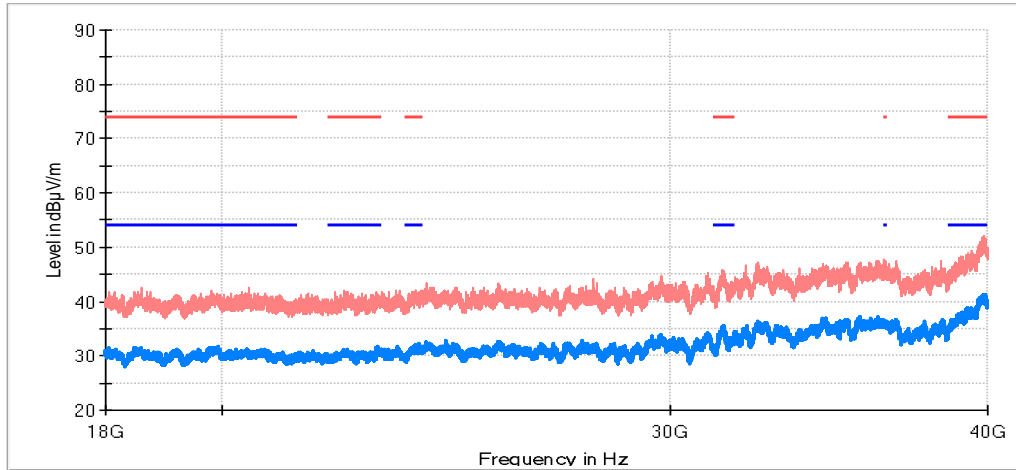


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands AVG Limit

**TEST RESULTS (Cont.)**

**Middle Channel**

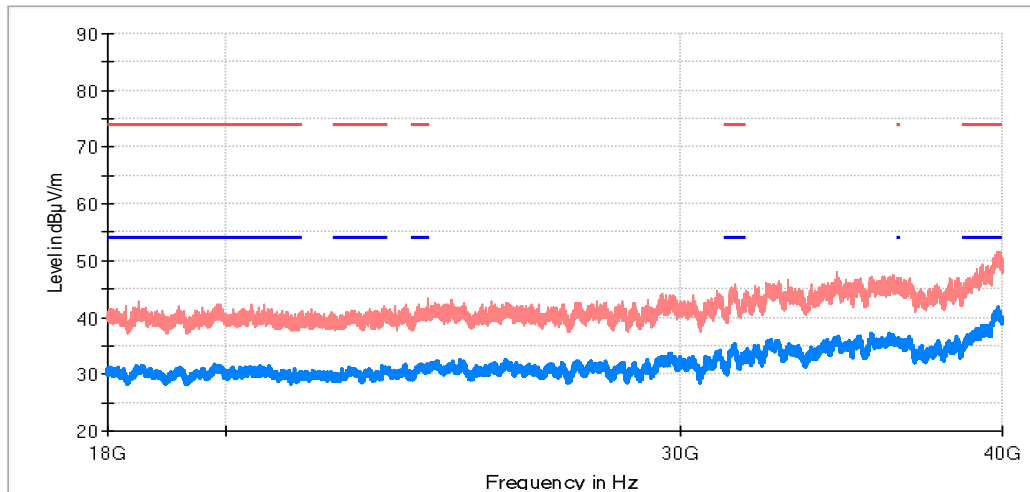
RF\_FCC\_15.407\_E Field\_18GHz\_40GHz



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

**High Channel**

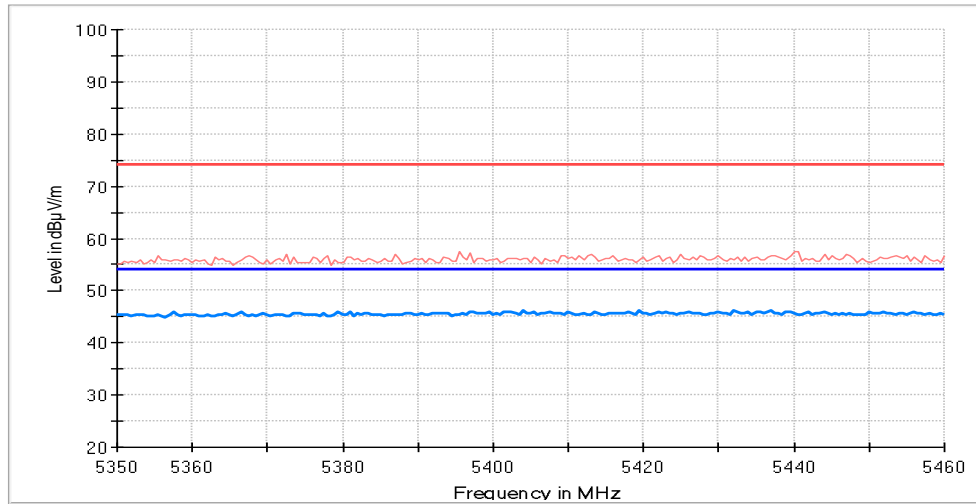
RF\_FCC\_15.407\_E Field\_18GHz\_40GHz



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

**RESTRICTED BANDS**

**5.35 GHz – 5.46 GHz**



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

<b>TESTED SAMPLES:</b>	S/02
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n mode 20 MHz)
<b>TEST RESULTS:</b>	PASS

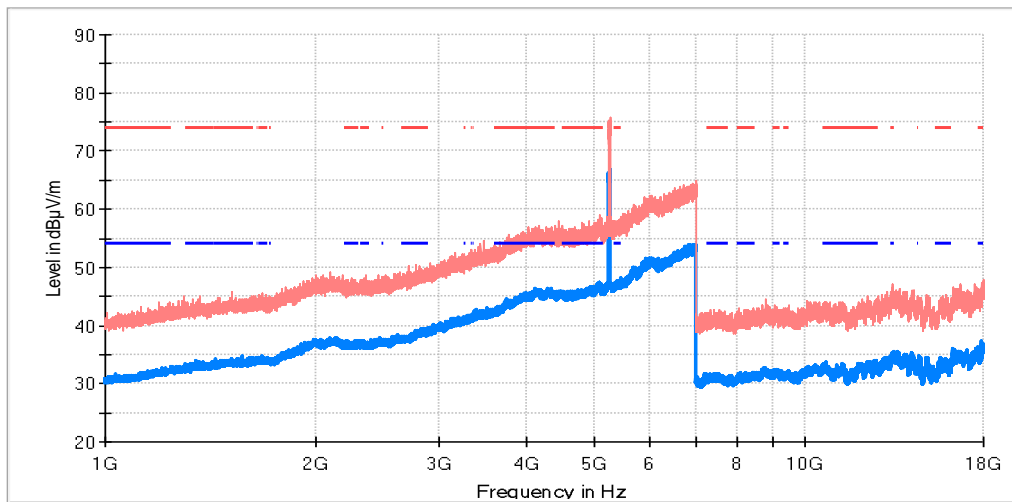
**Co-Location**

The test was performed with the equipment transmitting first with only the WiFi 5 GHz (WLAN0 CORE0) radio and repeated with the 2.4 GHz BT-EDR (WLAN 0), WiFi 2.4GHz (WLAN0 CORE1) radios transmitting simultaneously to check the impact of the co-location of the other radio interfaces. The results and plots below show the worst results obtained.

**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.

<b>FREQUENCY RANGE</b>	<b>1 GHz – 18 GHz</b>
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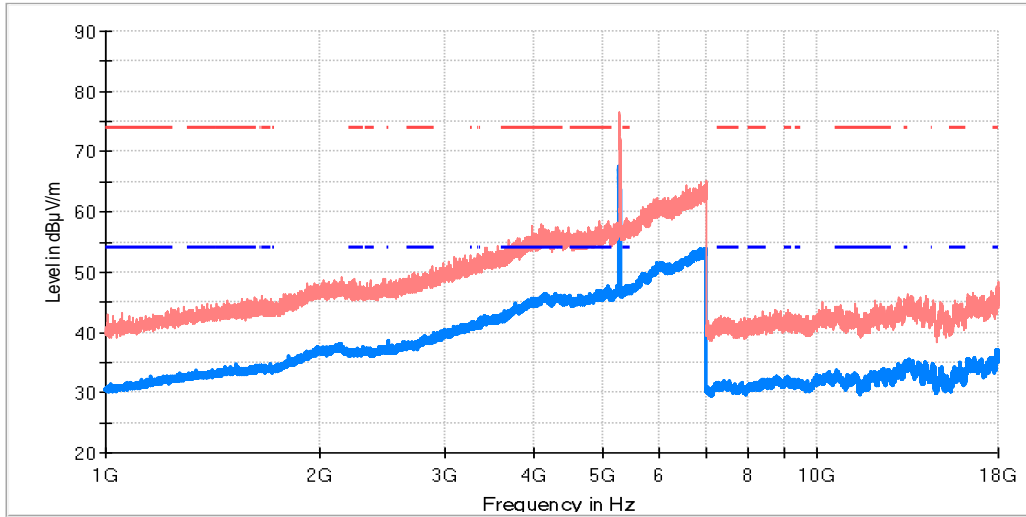
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

**Maximizations**

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5257.818182	74.7	66.8	V	Fundamental

**TEST RESULTS (Cont.)**

**Mid Channel**



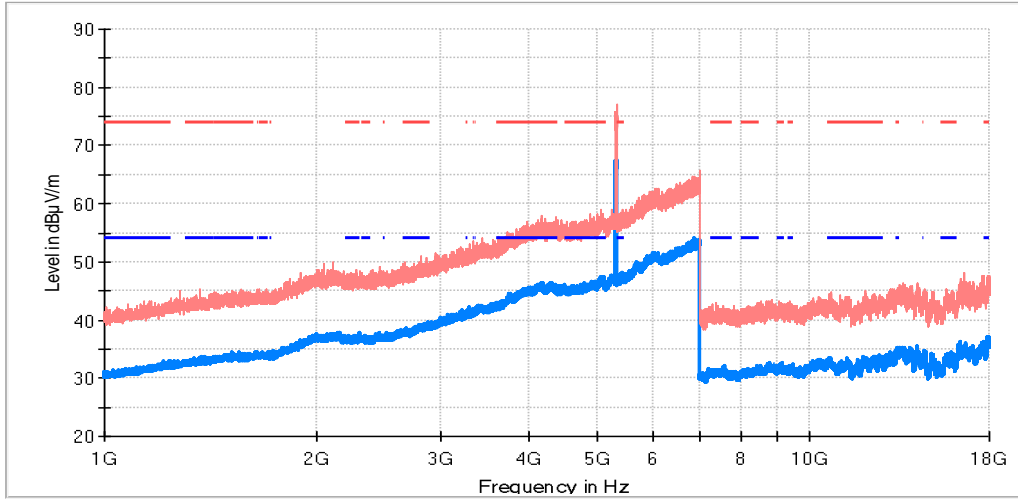
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands AVG Limit

**Maximizations**

Frequency (MHz)	PK+_MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Comments
5283.181818	74.5	67.4	V	Fundamental

**TEST RESULTS (Cont.)**

**High Channel**



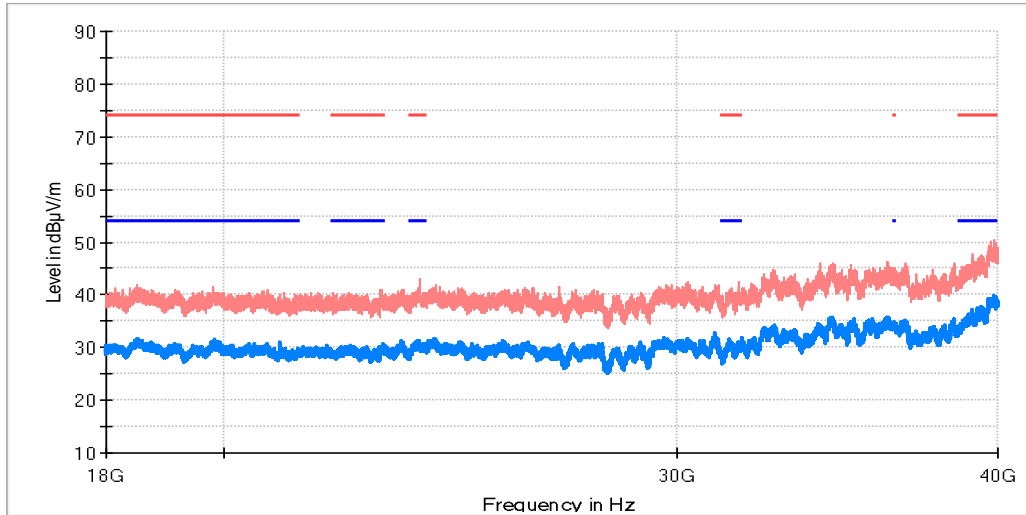
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands AVG Limit

**Maximizations**

Frequency (MHz)	PK+_MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Comments
5321.636364	74.1	67.5	V	Fundamental

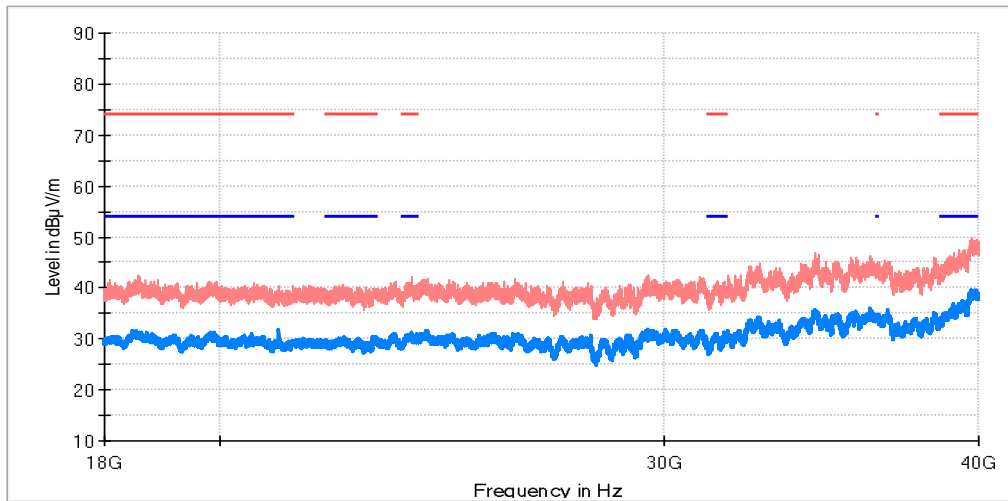
<b>TEST RESULTS (Cont.)</b>	
<b>FREQUENCY RANGE</b>	<b>18 GHz – 40 GHz</b>

**Low Channel**



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

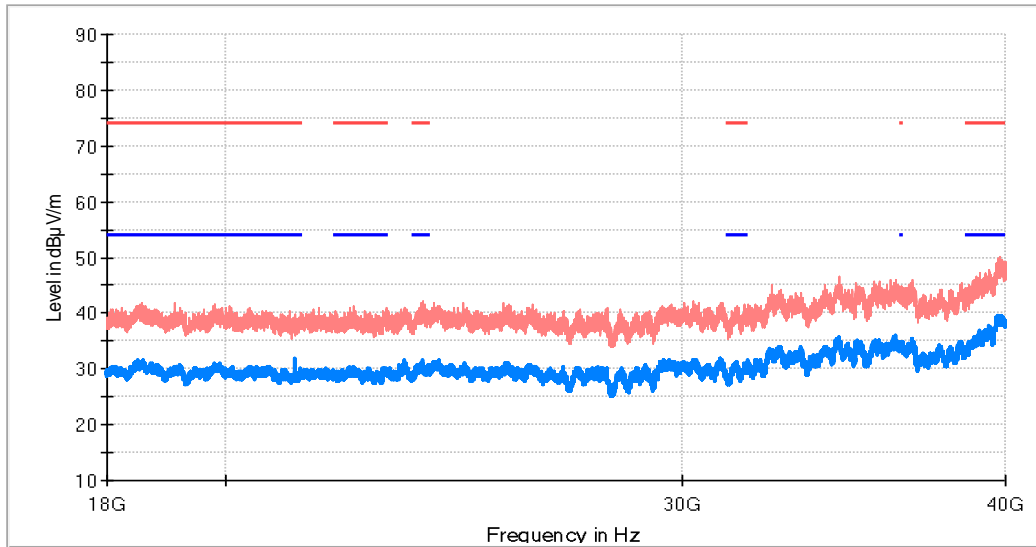
**Middle Channel**



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

**TEST RESULTS (Cont.)**

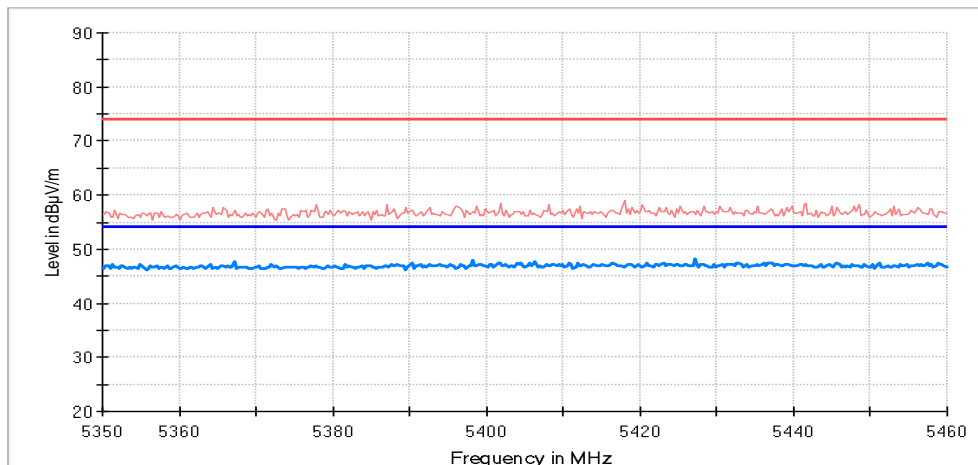
**High Channel**



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

**RESTRICTED BANDS**

**5.35 GHz – 5.46 GHz**

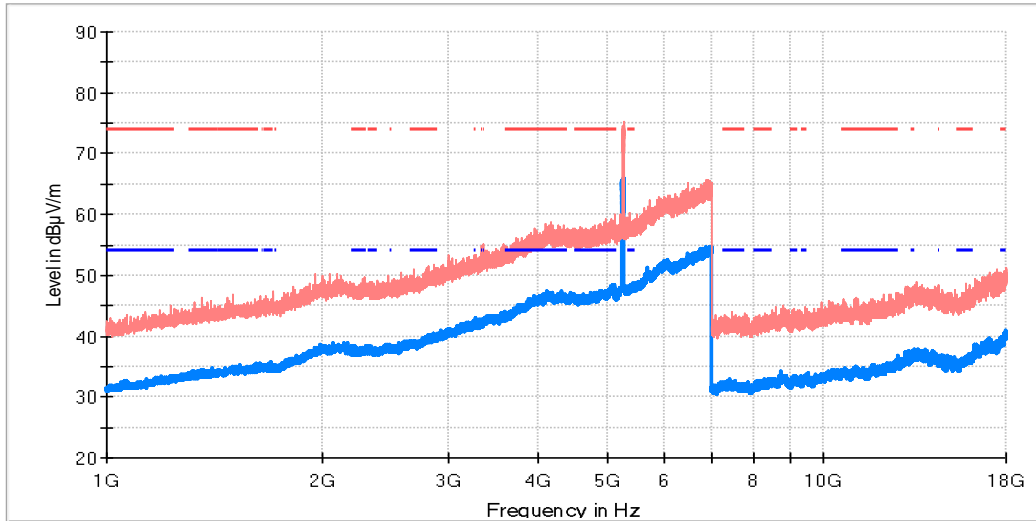


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40GHz) Restricted Bands AVG Limit



<b>TEST RESULTS (Cont.)</b>	<b>n mode (40 MHz)</b>
<b>FREQUENCY RANGE</b>	<b>1 GHz – 18 GHz</b>

**Low Channel**



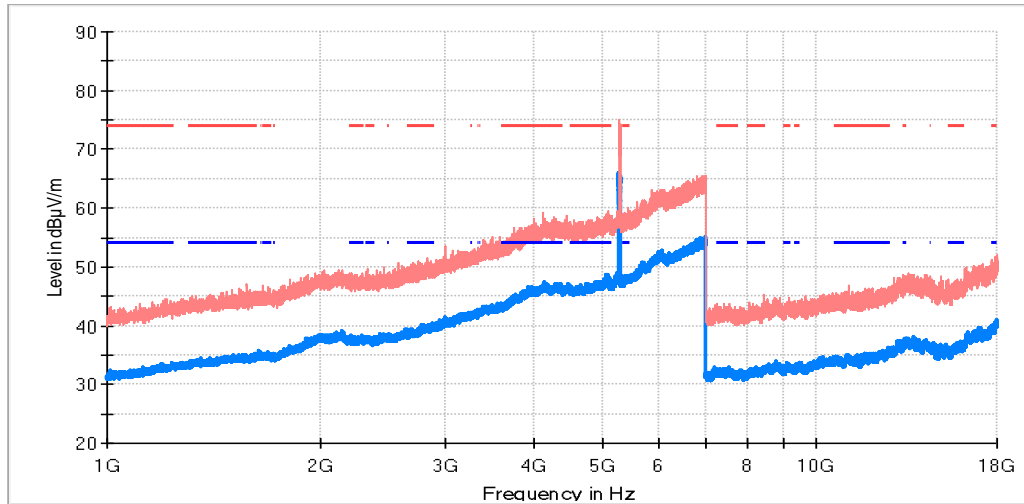
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands AVG Limit

**Maximizations**

Frequency (MHz)	PK+_MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Comments
5264.909091	73.60	66.00	V	Fundamental

**TEST RESULTS (Cont.)**

**Mid Channel**



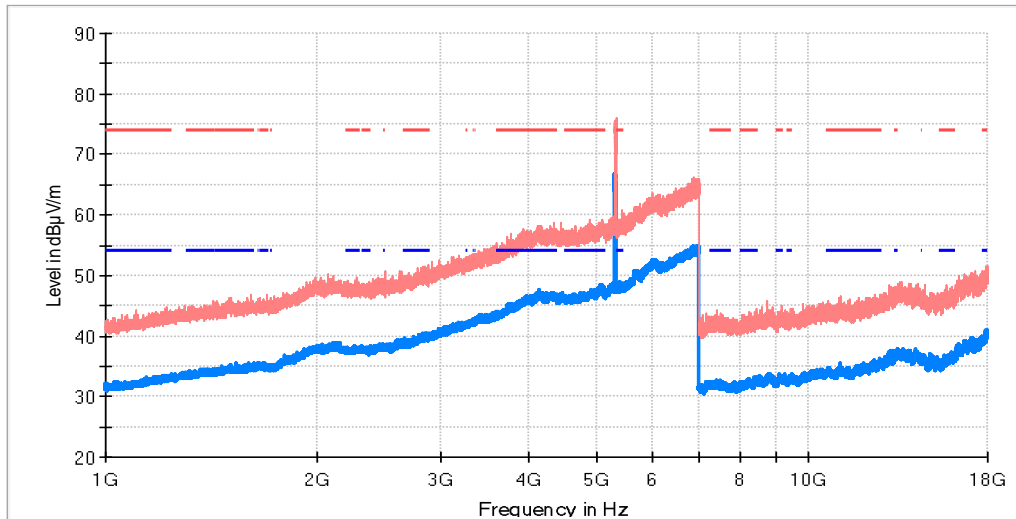
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

**Maximizations**

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comments
5281.818182	73.30	65.91	V	Fundamental

**TEST RESULTS (Cont.)**

**High Channel**



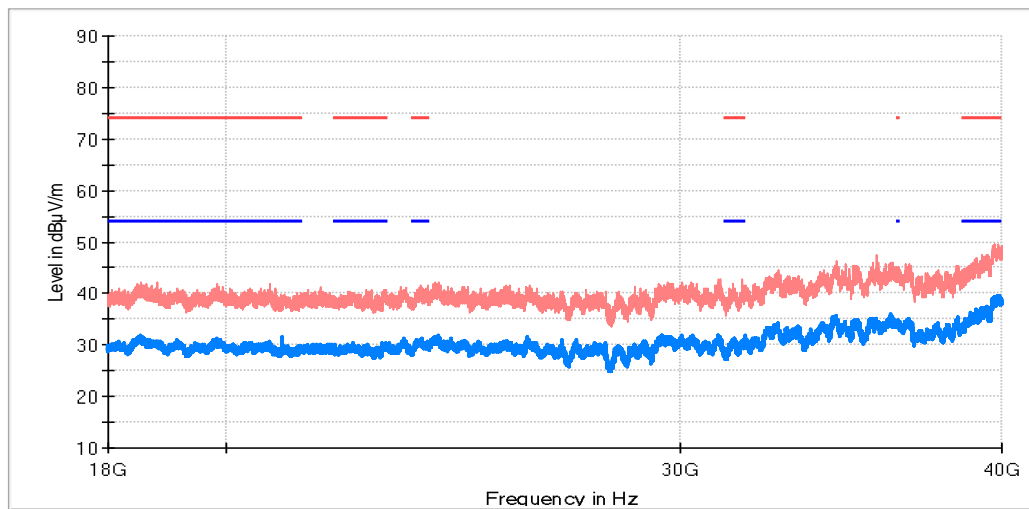
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

**Maximizations**

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comments
5317.545455	73.90	66.76	V	Fundamental

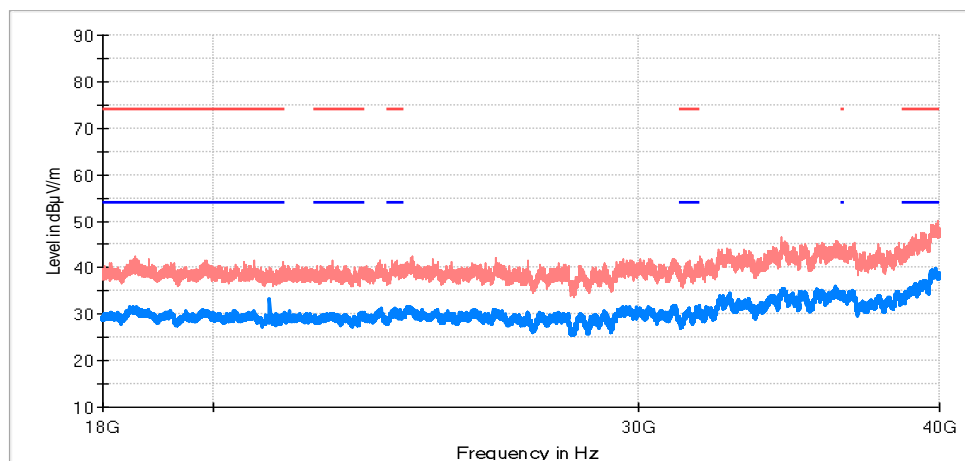
<b>TEST RESULTS (Cont.)</b>	
<b>FREQUENCY RANGE</b>	<b>18 GHz – 40 GHz</b>

**Low Channel**



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

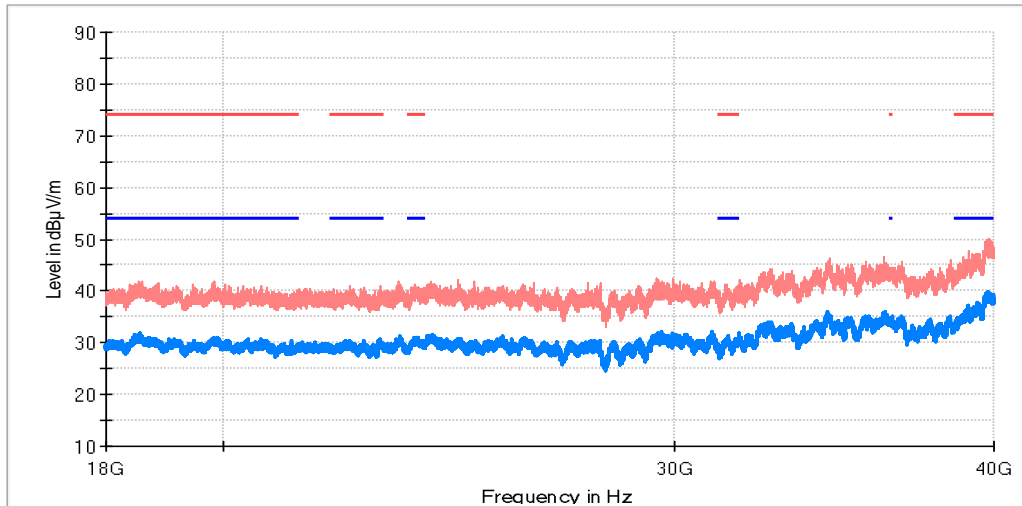
**Mid Channel**



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

**TEST RESULTS (Cont.)**

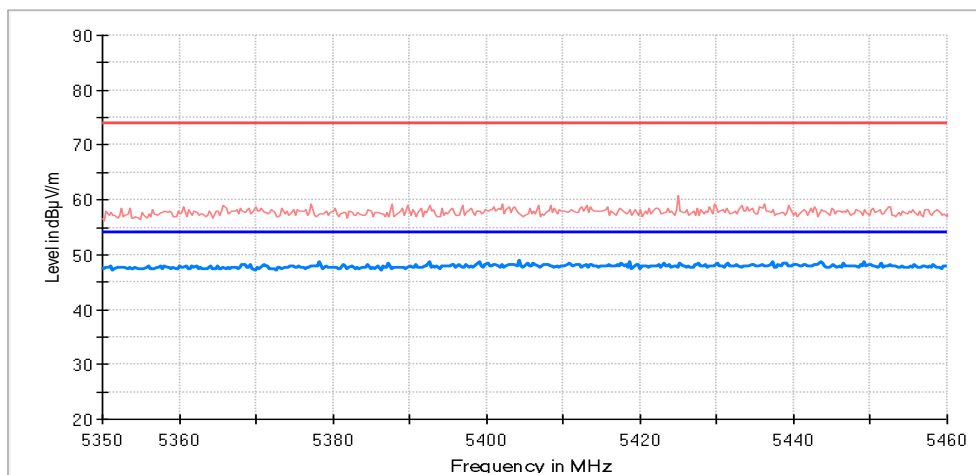
**High Channel**



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

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

**Co-Location**

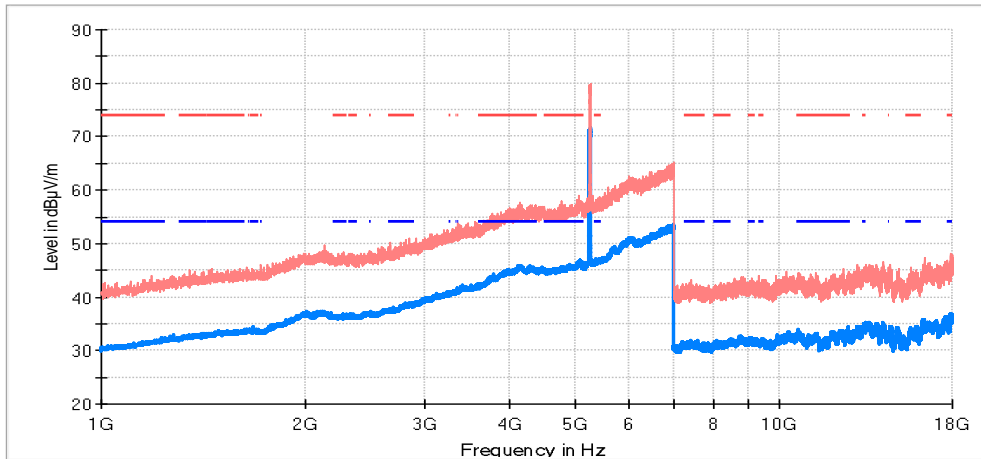
The test was performed with the equipment transmitting first with only the WiFi 5 GHz (WLAN0 CORE0) radio and repeated with the 2.4 GHz BT-EDR (WLAN 0), WiFi 2.4GHz (WLAN0 CORE1) radios transmitting simultaneously to check the impact of the co-location of the other radio interfaces. The results and plots below show the worst results obtained.

**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.

<b>TEST RESULTS (Cont.)</b>	<b>ac mode (20 MHz)</b>
<b>FREQUENCY RANGE</b>	<b>1 GHz – 18 GHz</b>

**Low Channel**



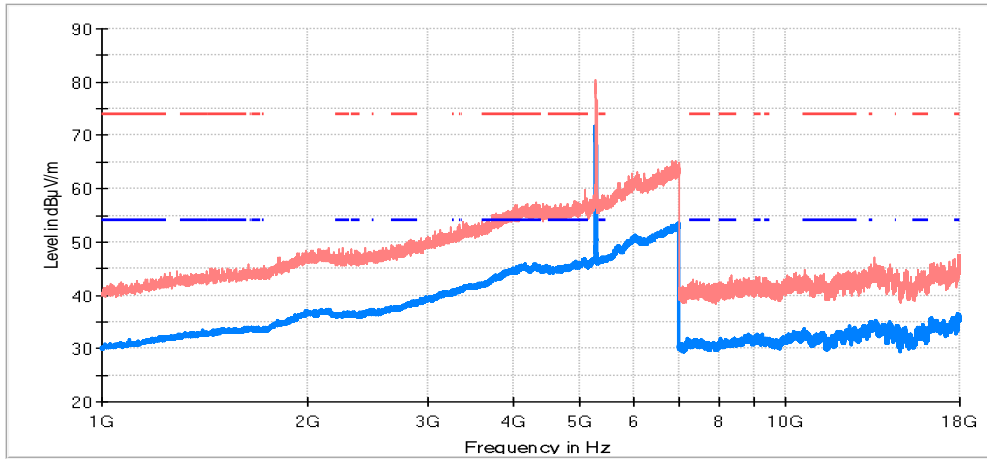
- AVG\_MAXH
- PK+ MAXH
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands AVG Limit

**Maximizations**

Frequency (MHz)	PK+ MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Comments
5264.000000	79.1	71.5	V	Fundamental

**TEST RESULTS (Cont.)**

**Mid Channel**



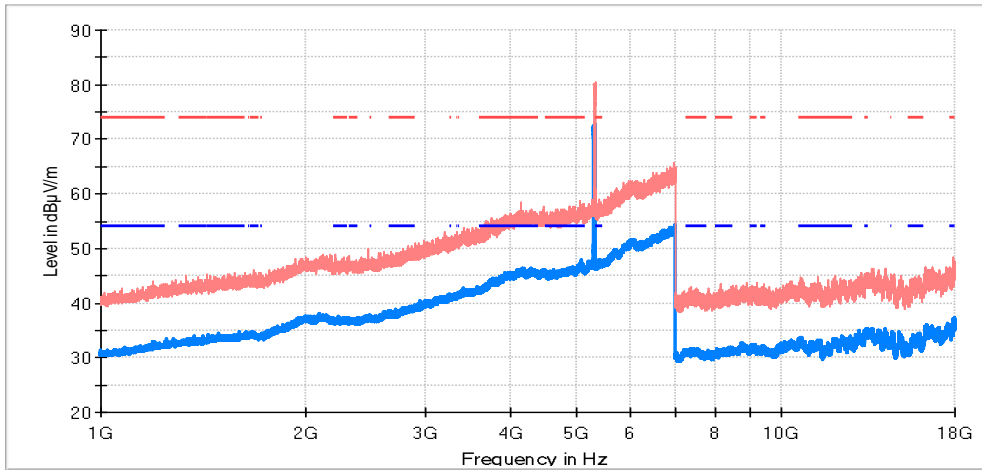
- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz) Restricted Bands AVG Limit

**Maximizations**

Frequency (MHz)	PK+_MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Comments
5277.000000	79.0	71.7	V	Fundamental

**TEST RESULTS (Cont.)**

**High Channel**



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

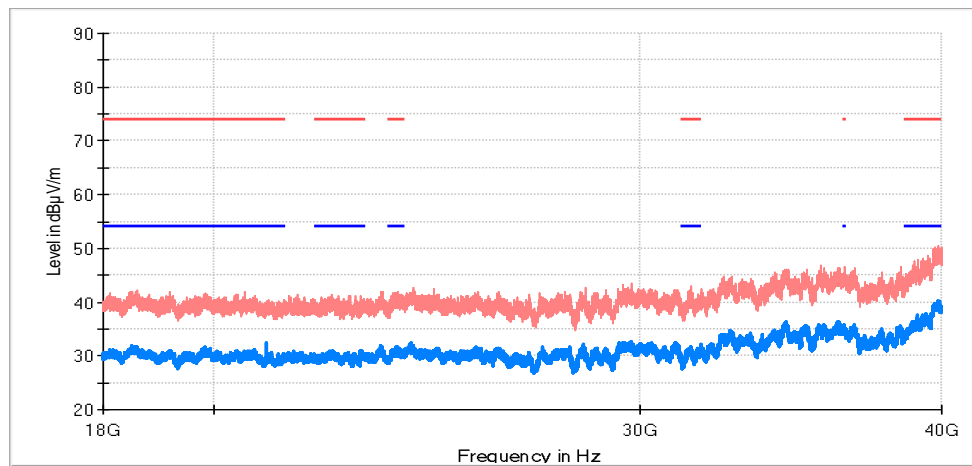
**Maximizations**

Frequency (MHz)	PK+_MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Comments
5323.545455	80.2	72.7	V	Fundamental



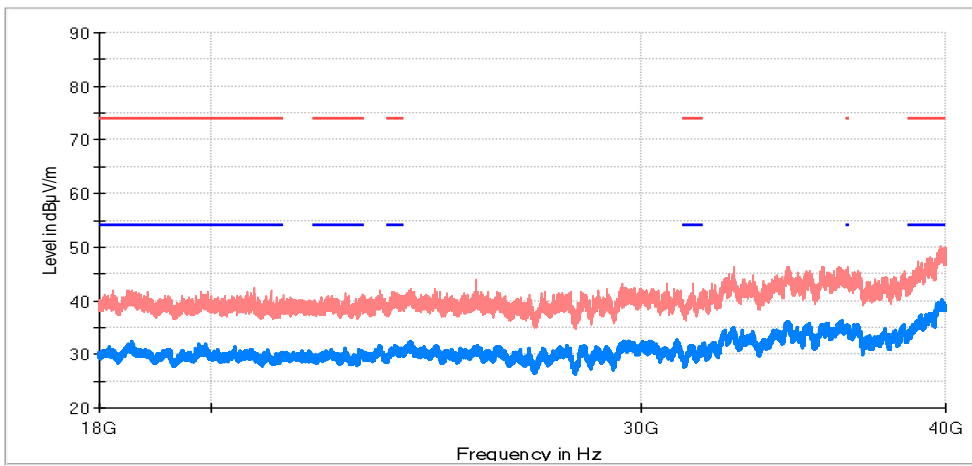
<b>TEST RESULTS (Cont.)</b>	
<b>FREQUENCY RANGE</b>	<b>18 GHz – 40 GHz</b>

**Low Channel**



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

**Middle Channel**



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