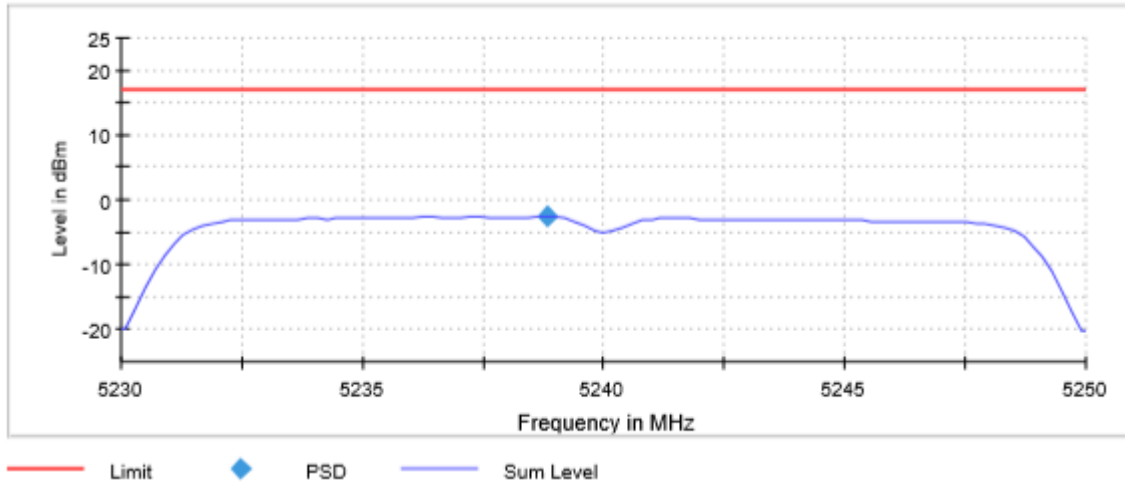


TEST RESULTS (Cont.):

Highest Channel



Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.19000 GHz	5.23000 GHz
Stop Frequency	5.19000 GHz	5.21000 GHz	5.25000 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	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	RMS	RMS	RMS
SweepCount	29703	29703	29703
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. 15	4 / max. 15	4 / max. 15
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.15 dB	0.00 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n40 mode Chip 1 SISO)
TEST RESULTS:	PASS

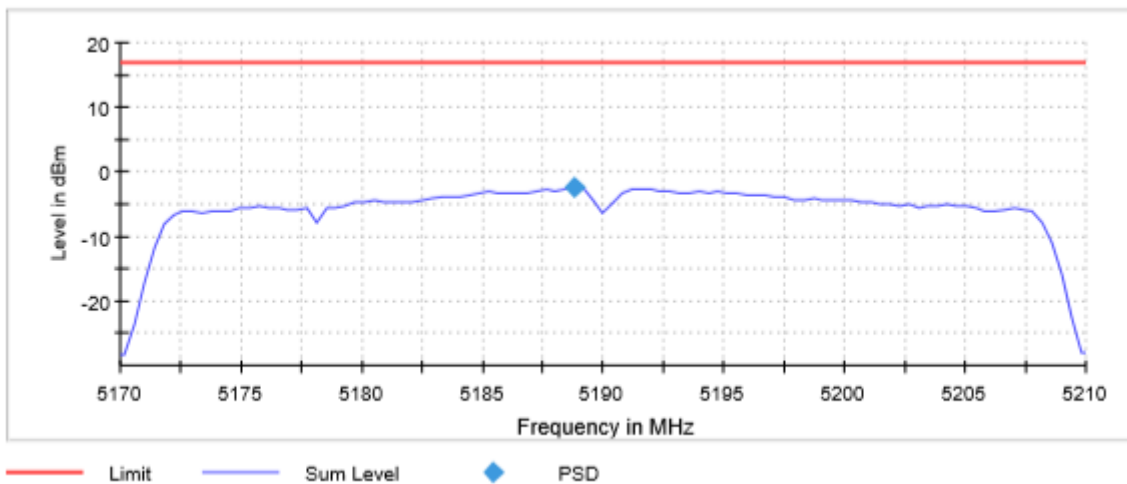
Port 2

Bandwidth: 40 MHz

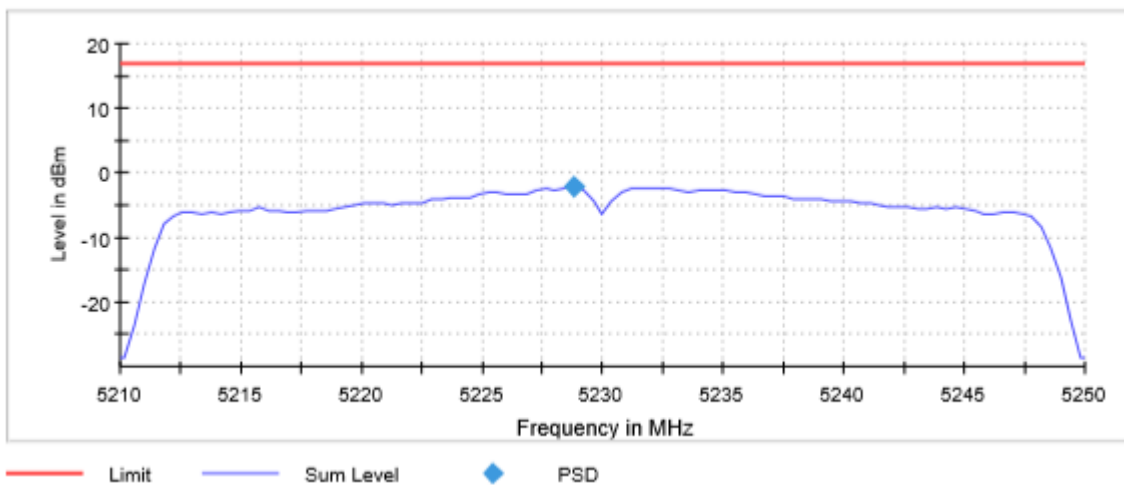
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	-2.504	-2.295
Measurement uncertainty (kHz)	<± 0.78	

TEST RESULTS (Cont.):	
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Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.21000 GHz
Stop Frequency	5.21000 GHz	5.25000 GHz
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	29703	29703
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	8 / max. 15	5 / max. 15
Stable	3 / 3	3 / 3
Max Stable Difference	0.05 dB	0.24 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n40 mode Chip 2 SISO)
TEST RESULTS:	PASS

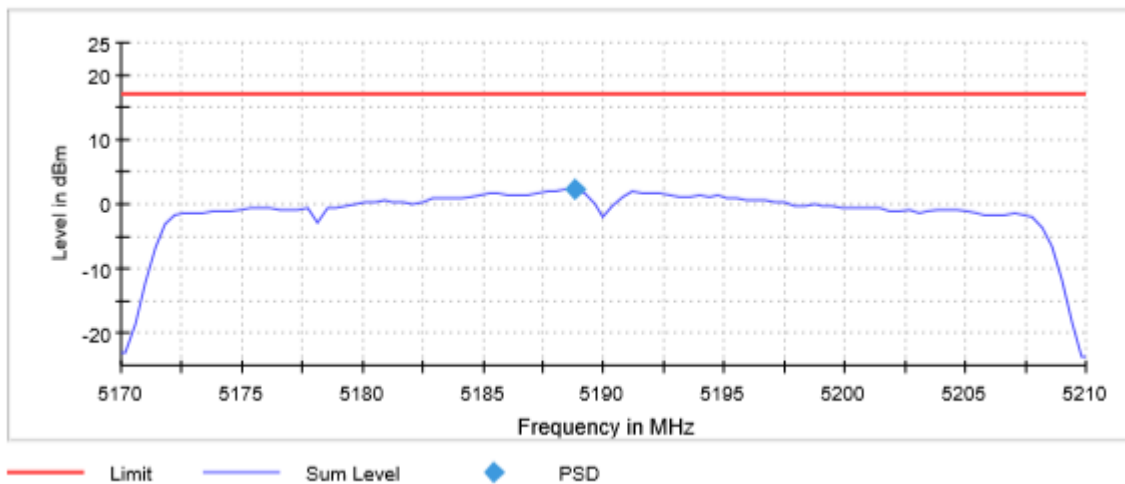
Port 4

Bandwidth: 40 MHz

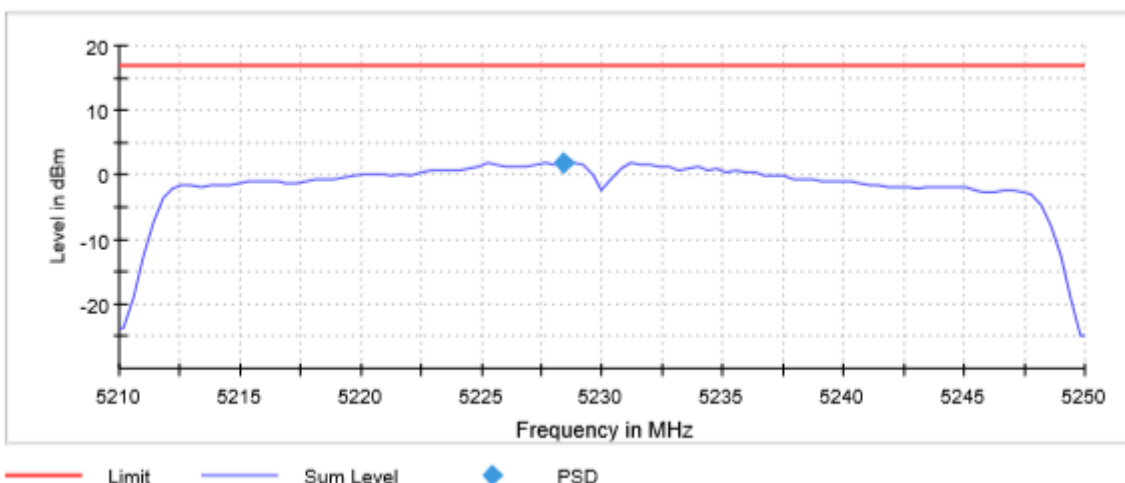
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	2.160	1.955
Measurement uncertainty (kHz)	<± 0.78	

TEST RESULTS (Cont.):

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.21000 GHz
Stop Frequency	5.21000 GHz	5.25000 GHz
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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	29703	29703
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	5 / max. 15	5 / max. 15
Stable	3 / 3	3 / 3
Max Stable Difference	0.08 dB	0.20 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n40 mode Chip 1 MIMO)
TEST RESULTS:	PASS

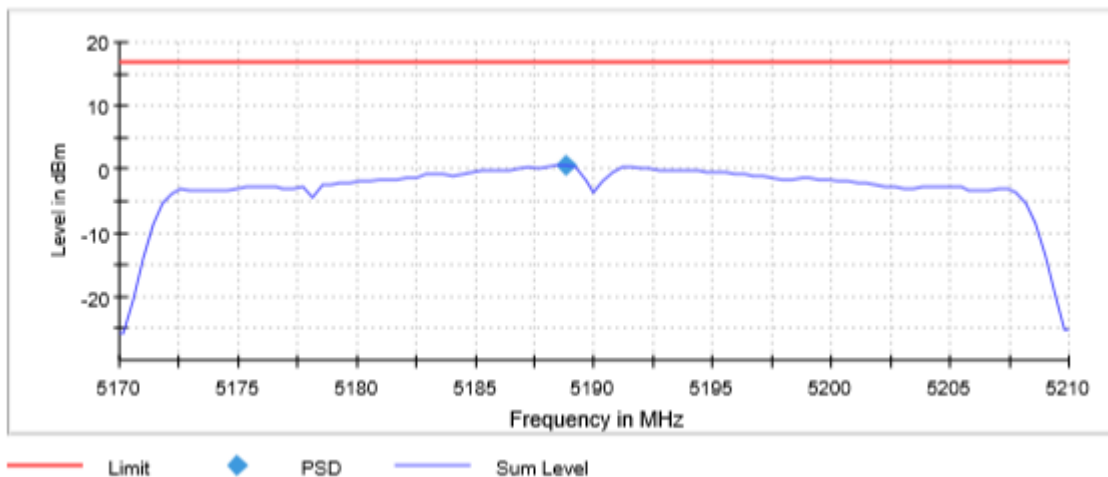
Port 1 & 2

Bandwidth: 40 MHz

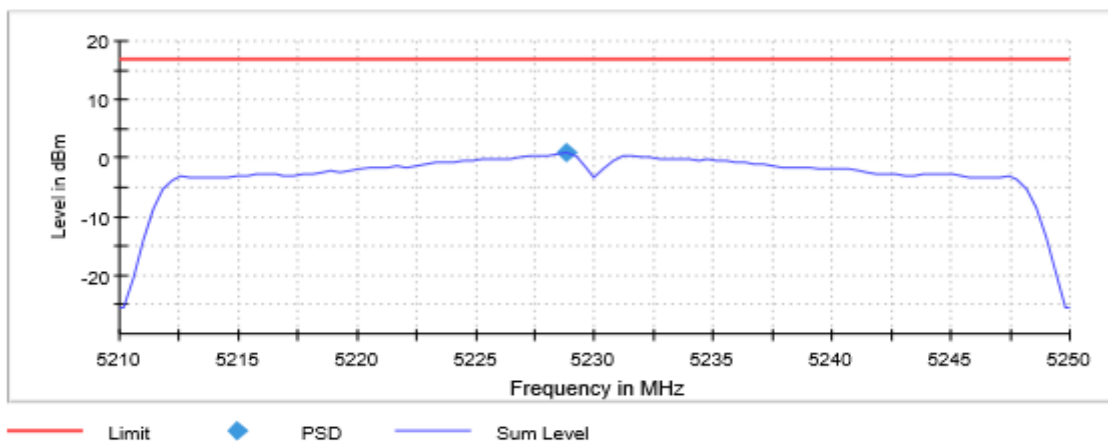
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	0.716	0.885
Measurement uncertainty (kHz)	$<\pm 0.78$	

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



Highest Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.21000 GHz
Stop Frequency	5.21000 GHz	5.25000 GHz
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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	29703	29703
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	7 / max. 15	10 / max. 15
Stable	3 / 3	3 / 3
Max Stable Difference	0.18 dB	0.03 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n40 mode Chip 2 MIMO)
TEST RESULTS:	PASS

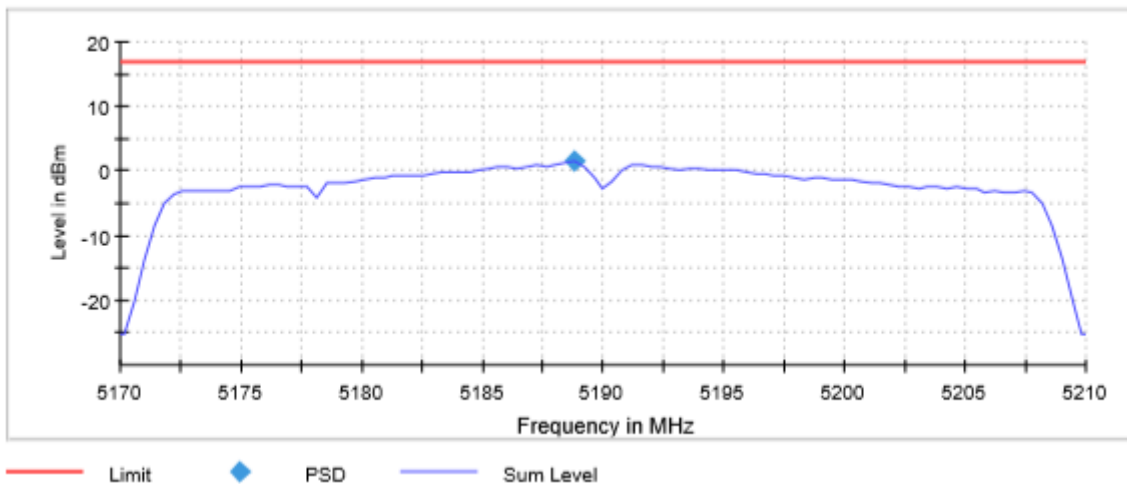
Port 3 & 4

Bandwidth: 40 MHz

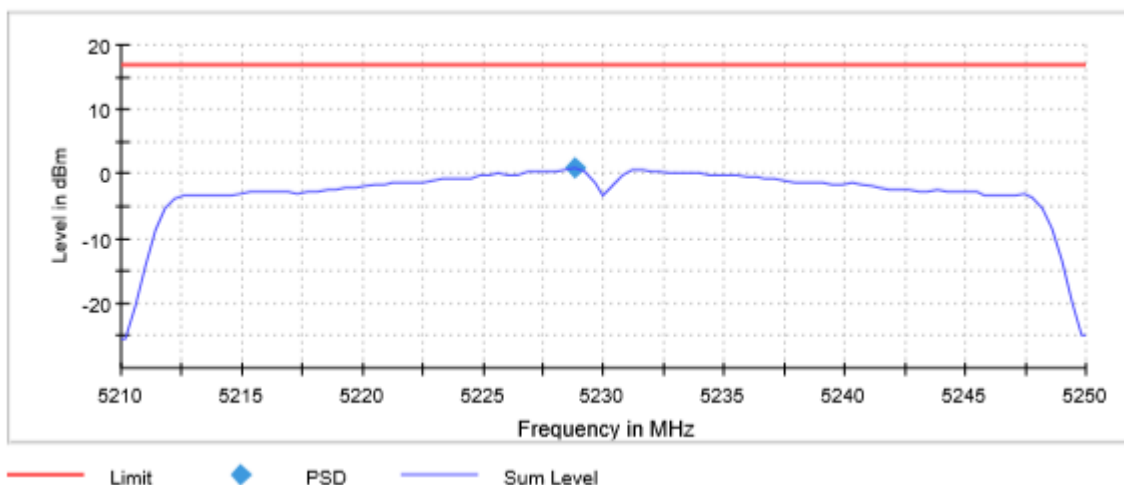
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	1.521	0.848
Measurement uncertainty (kHz)	$<\pm 0.78$	

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



Highest Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.21000 GHz
Stop Frequency	5.21000 GHz	5.25000 GHz
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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	29703	29703
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	5 / max. 15	5 / max. 15
Stable	3 / 3	3 / 3
Max Stable Difference	0.21 dB	0.14 dB

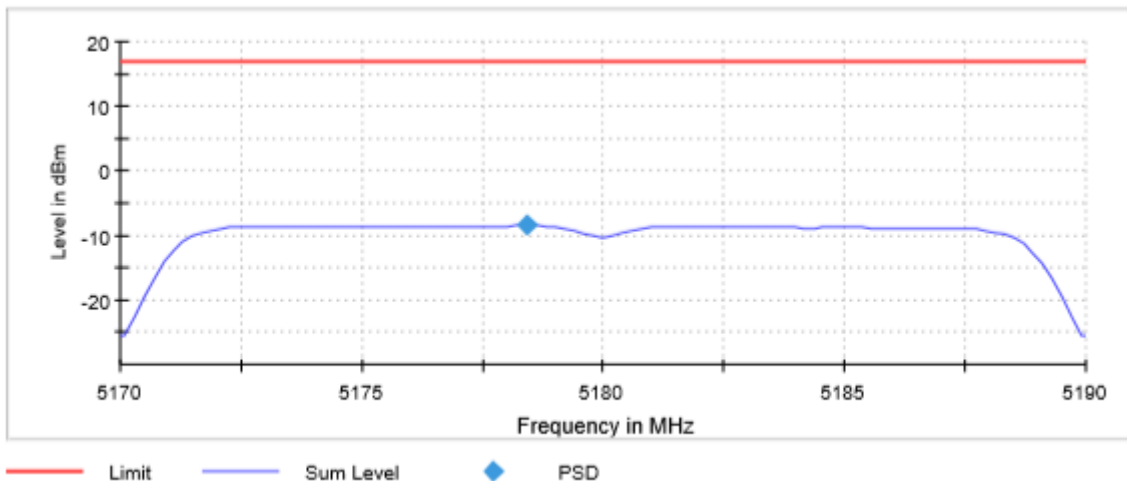
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac20 mode Chip 1 SISO)
TEST RESULTS:	PASS

Port 2
Bandwidth: 20 MHz

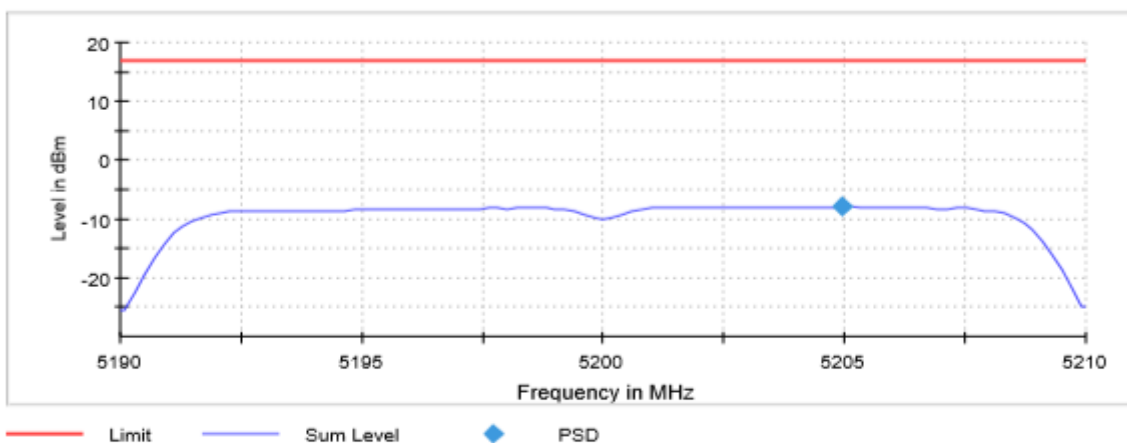
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Power spectral density (dBm)	-8.502	-7.952	-7.896
Measurement uncertainty (kHz)	<± 0.78		

TEST RESULTS (Cont.):	
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Lowest Channel

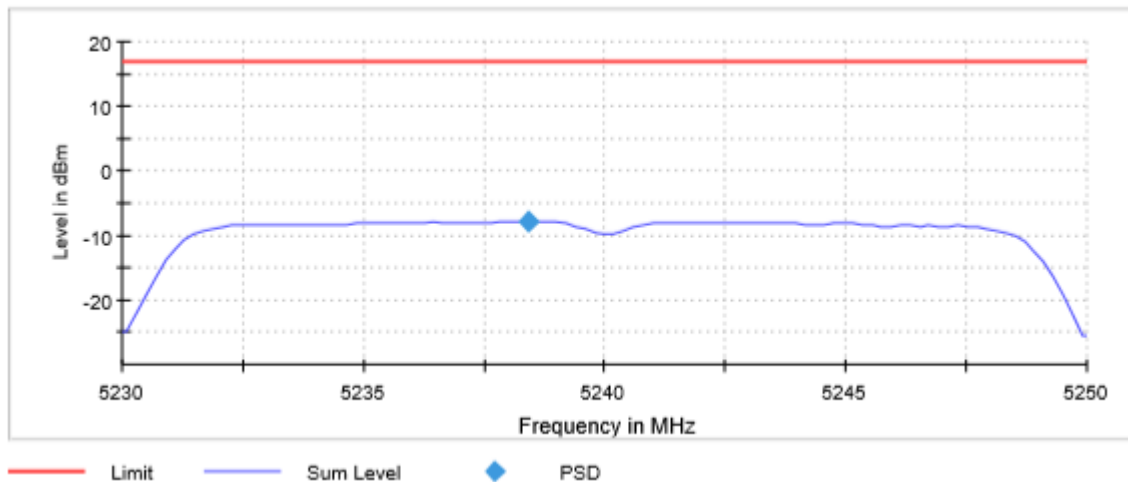


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.19000 GHz	5.23000 GHz
Stop Frequency	5.19000 GHz	5.21000 GHz	5.25000 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
Sweptime	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	10.000 dBm
SweepCount	29703	29703	29703
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. 15	4 / max. 15	4 / max. 15
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.00 dB	0.03 dB	0.09 dB

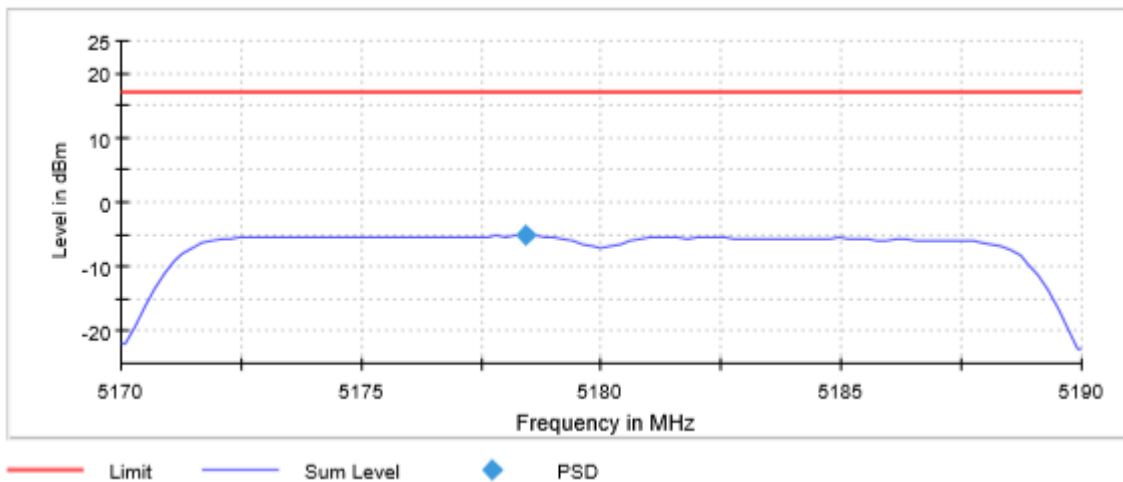
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac20 mode Chip 2 SISO)
TEST RESULTS:	PASS

Port 4
 Bandwidth: 20 MHz

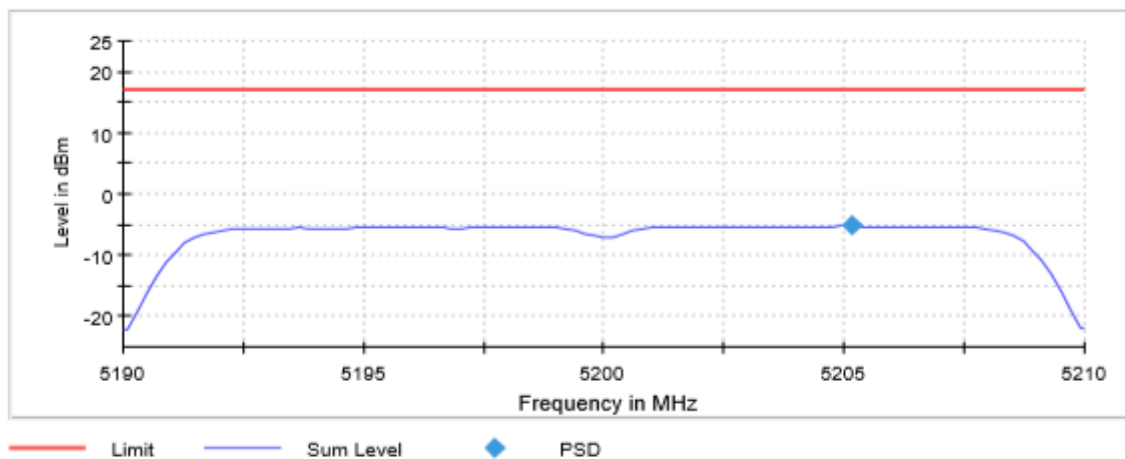
	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Power spectral density (dBm)	-5.138	-5.192	-5.670
Measurement uncertainty (kHz)	<± 0.78		

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

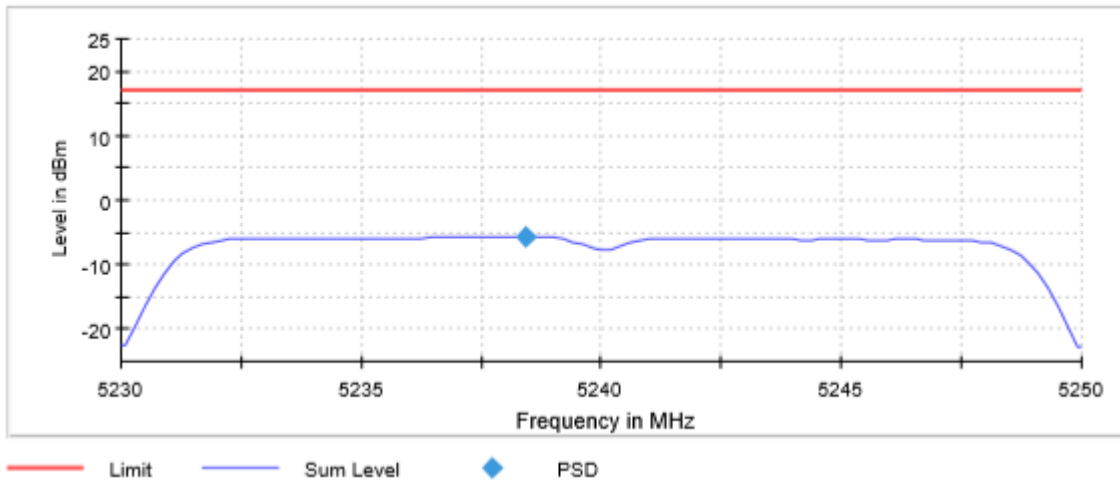


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.19000 GHz	5.23000 GHz
Stop Frequency	5.19000 GHz	5.21000 GHz	5.25000 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	00.000 dBm	00.000 dBm	00.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	RMS	RMS	10.000 dBm
SweepCount	29703	29703	29703
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. 15	4 / max. 15	4 / max. 15
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.00 dB	0.10 dB	0.10 dB

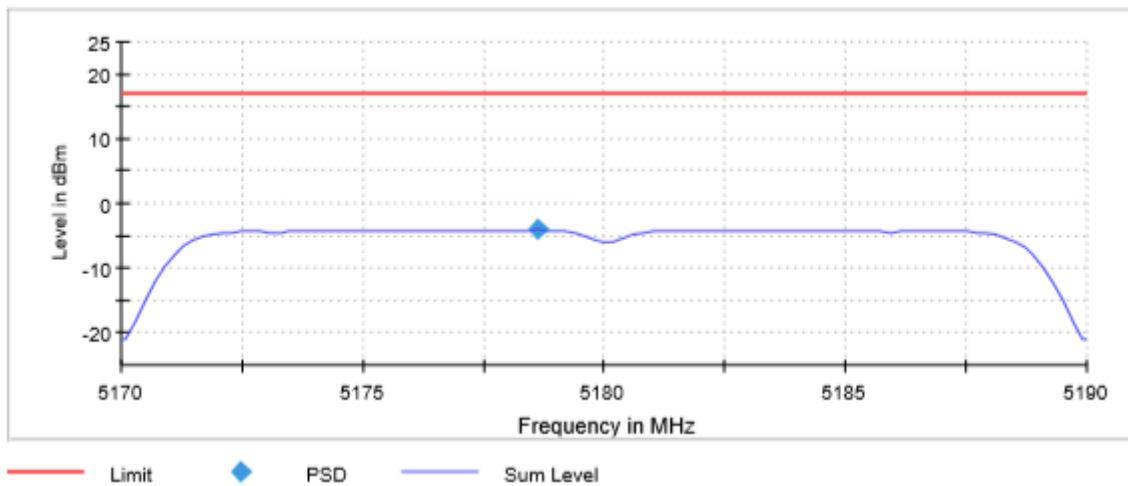
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac20 mode Chip 1 MIMO)
TEST RESULTS:	PASS

Port 1 & 2
 Bandwidth: 20 MHz

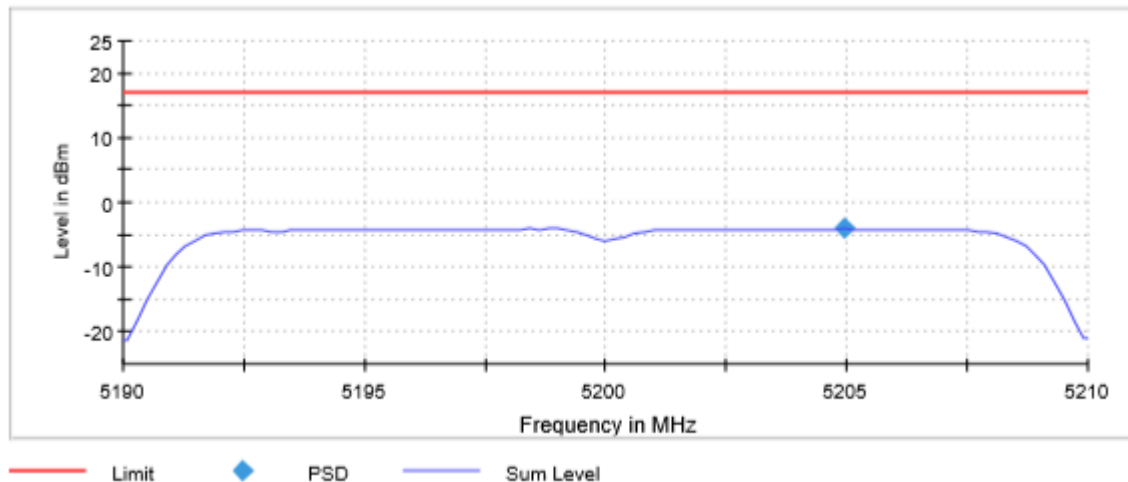
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Power spectral density (dBm)	-4.114	-4.103	-4.331
Measurement uncertainty (kHz)	<± 0.78		

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

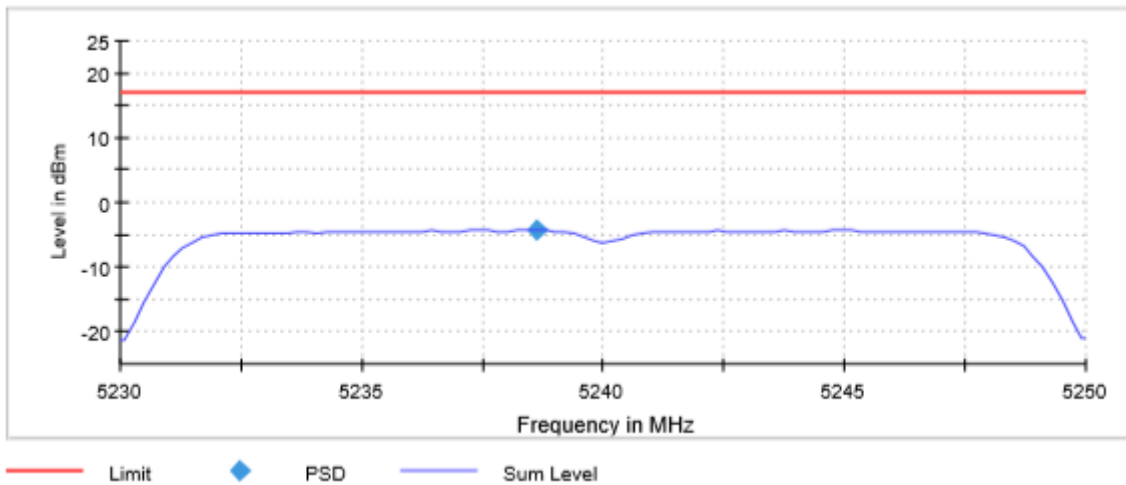


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.19000 GHz	5.23000 GHz
Stop Frequency	5.19000 GHz	5.21000 GHz	5.25000 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	00.000 dBm	00.000 dBm	00.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	RMS	RMS	10.000 dBm
SweepCount	29703	29703	29703
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. 15	4 / max. 15	4 / max. 15
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.06 dB	0.06 dB	0.09 dB

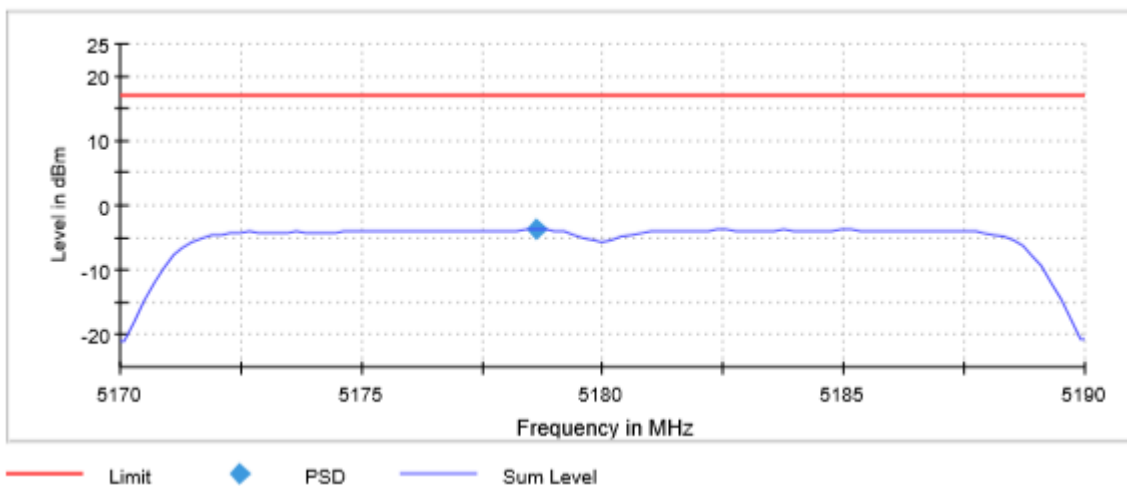
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac20 mode Chip 2 MIMO)
TEST RESULTS:	PASS

Port 3 & 4
 Bandwidth: 20 MHz

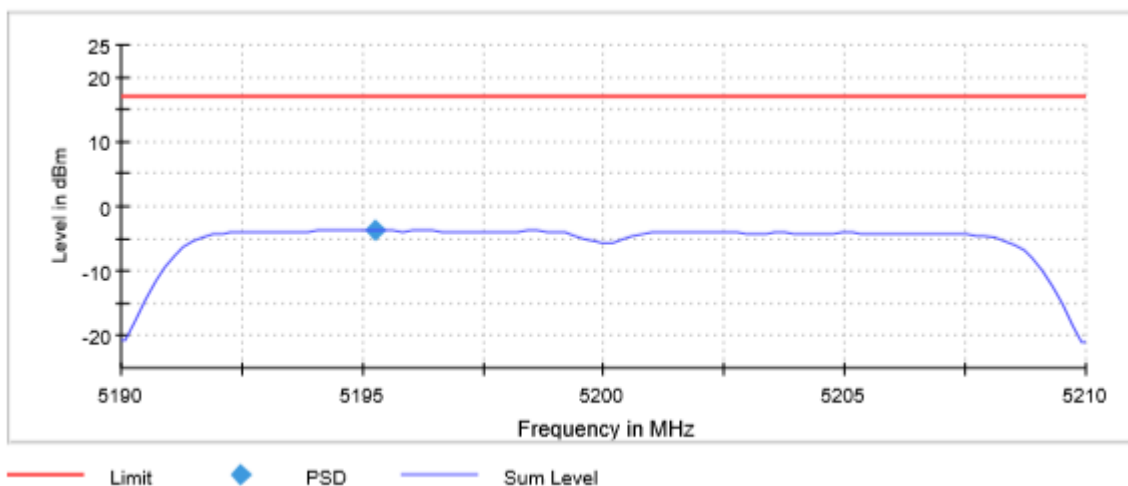
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Power spectral density (dBm)	-3.780	-3.712	-3.843
Measurement uncertainty (kHz)	<± 0.78		

TEST RESULTS (Cont.):

Lowest Channel

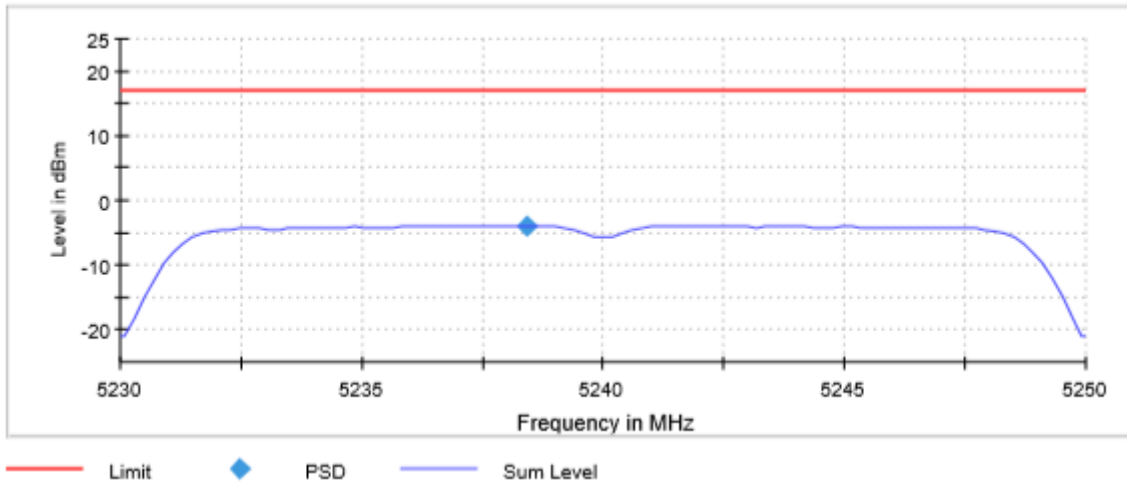


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.19000 GHz	5.23000 GHz
Stop Frequency	5.19000 GHz	5.21000 GHz	5.25000 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	00.000 dBm	00.000 dBm	00.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	RMS	RMS	10.000 dBm
SweepCount	29703	29703	29703
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. 15	4 / max. 15	4 / max. 15
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.08 dB	0.06 dB	0.08 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac40 mode Chip 1 SISO)
TEST RESULTS:	PASS

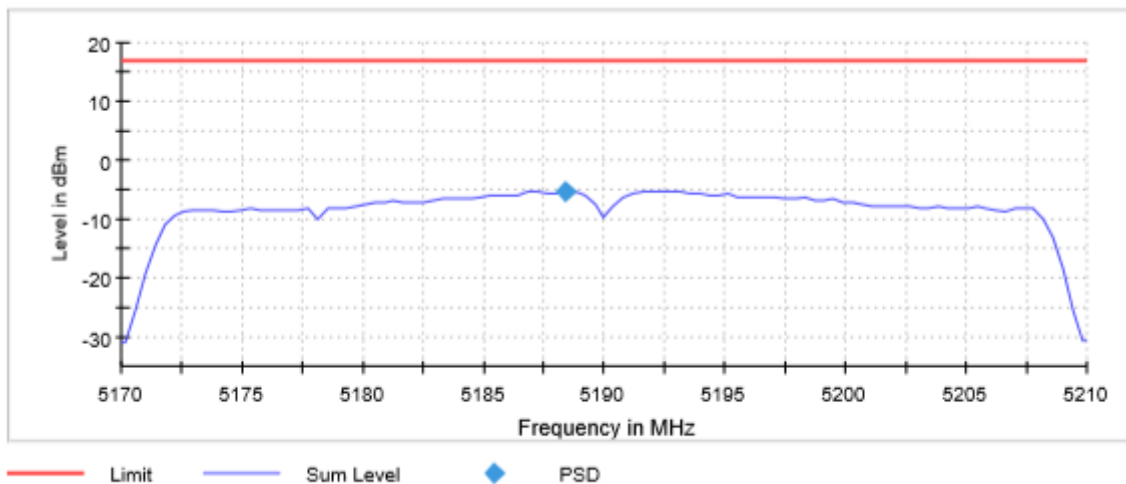
Port 2

Bandwidth: 40 MHz

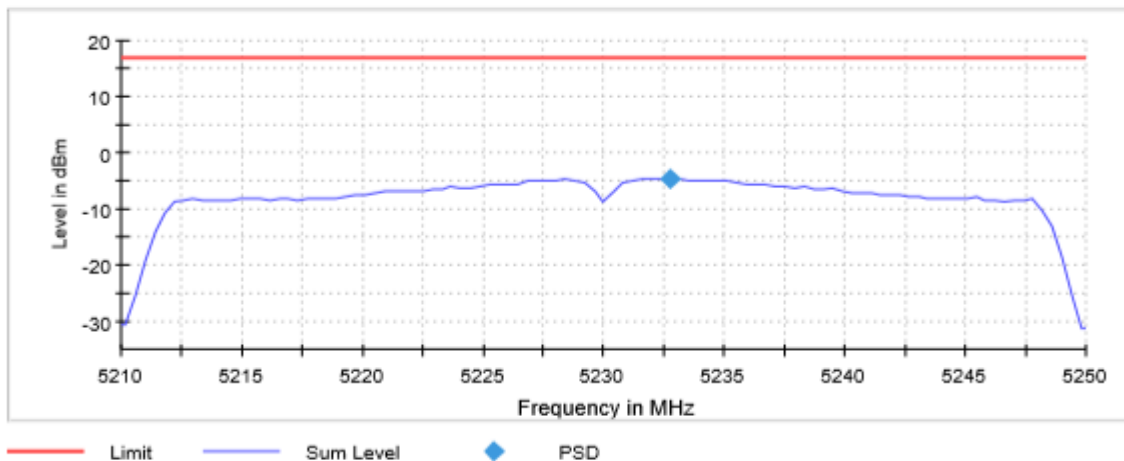
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	-5.192	-4.558
Measurement uncertainty (kHz)	<± 0.78	

TEST RESULTS (Cont.):

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.21000 GHz
Stop Frequency	5.21000 GHz	5.25000 GHz
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	10.000 dBm
SweepCount	29703	29703
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	7 / max. 15	6 / max. 15
Stable	3 / 3	3 / 3
Max Stable Difference	0.26 dB	0.27 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac40 mode Chip 2 SISO)
TEST RESULTS:	PASS

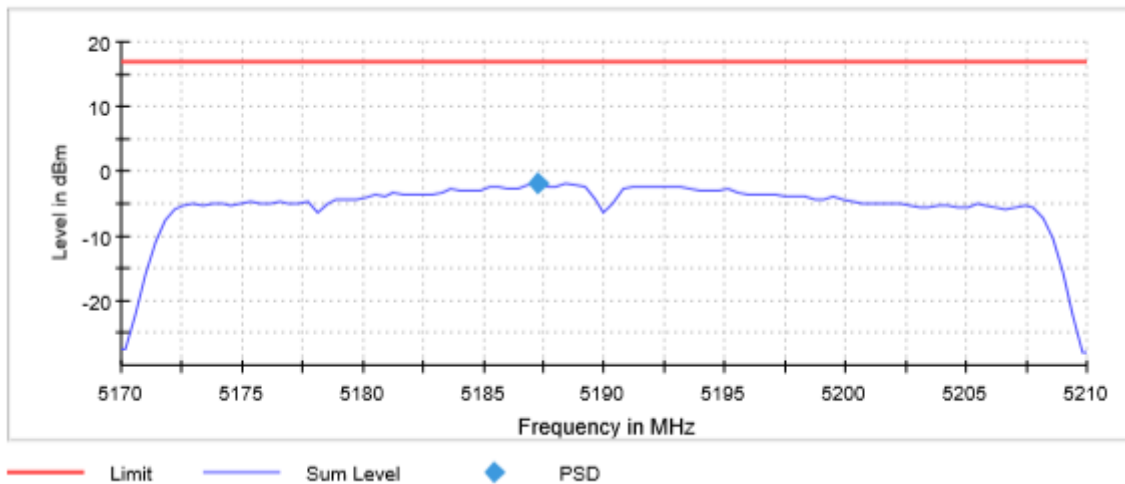
Port 4

Bandwidth: 40 MHz

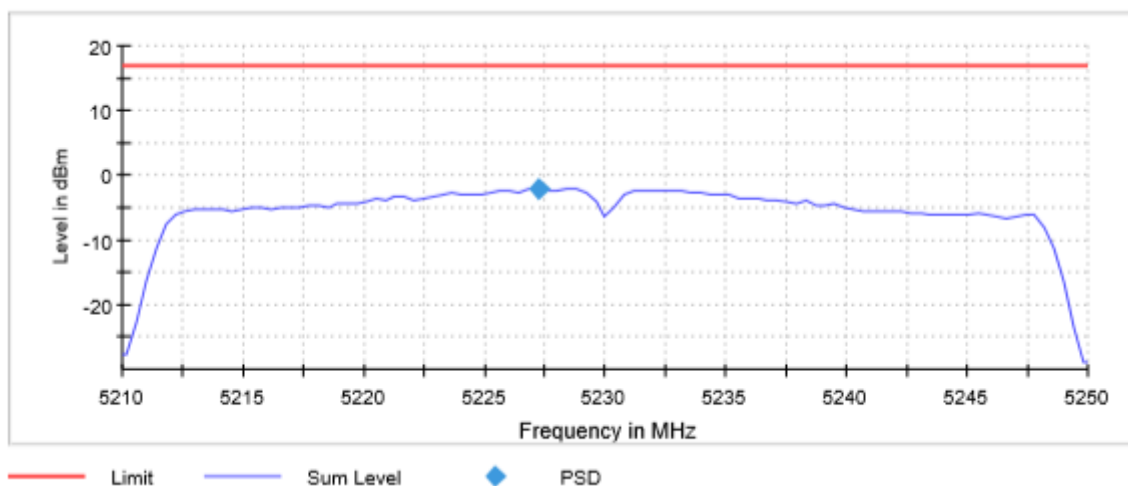
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	-1.984	-2.108
Measurement uncertainty (kHz)	$<\pm 0.78$	

TEST RESULTS (Cont.):

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.21000 GHz
Stop Frequency	5.21000 GHz	5.25000 GHz
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	10.000 dBm
SweepCount	29703	29703
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	6 / max. 15	7 / max. 15
Stable	3 / 3	3 / 3
Max Stable Difference	0.22 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac40 mode Chip 1 MIMO)
TEST RESULTS:	PASS

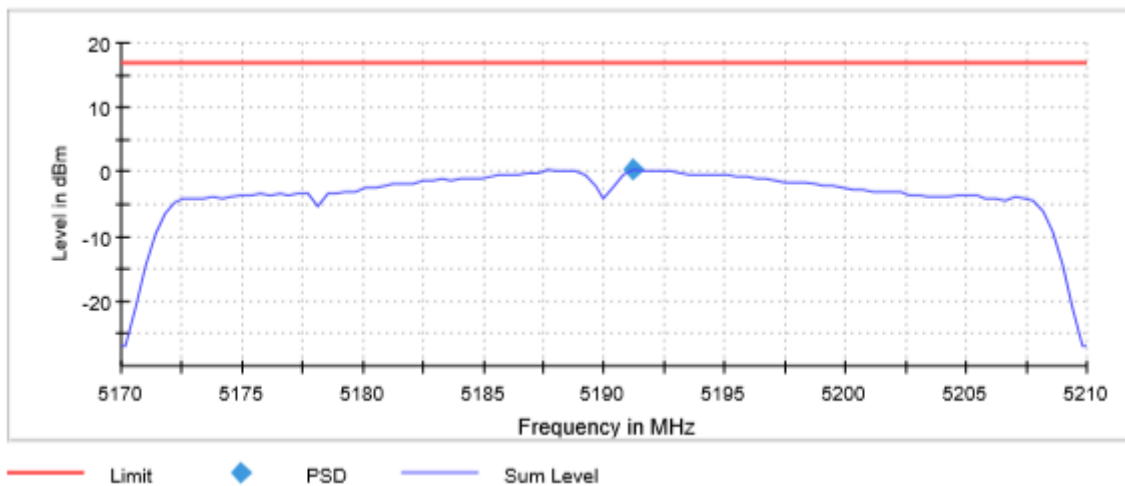
Port 1 & 2

Bandwidth: 40 MHz

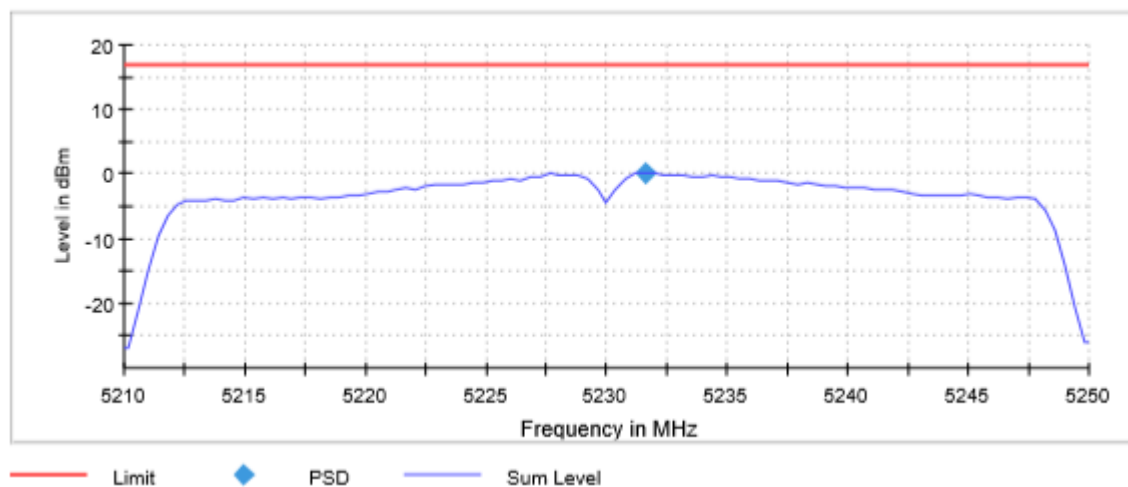
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	0.411	0.168
Measurement uncertainty (kHz)	$<\pm 0.78$	

TEST RESULTS (Cont.):

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.21000 GHz
Stop Frequency	5.21000 GHz	5.25000 GHz
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	0.000 dBm	10.000 dBm
Attenuation	20.000 dB	30.000 dB
Detector	RMS	10.000 dBm
SweepCount	29703	29703
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	10 / max. 15	4 / max. 15
Stable	3 / 3	3 / 3
Max Stable Difference	0.14 dB	0.27 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac40 mode Chip 2 MIMO)
TEST RESULTS:	PASS

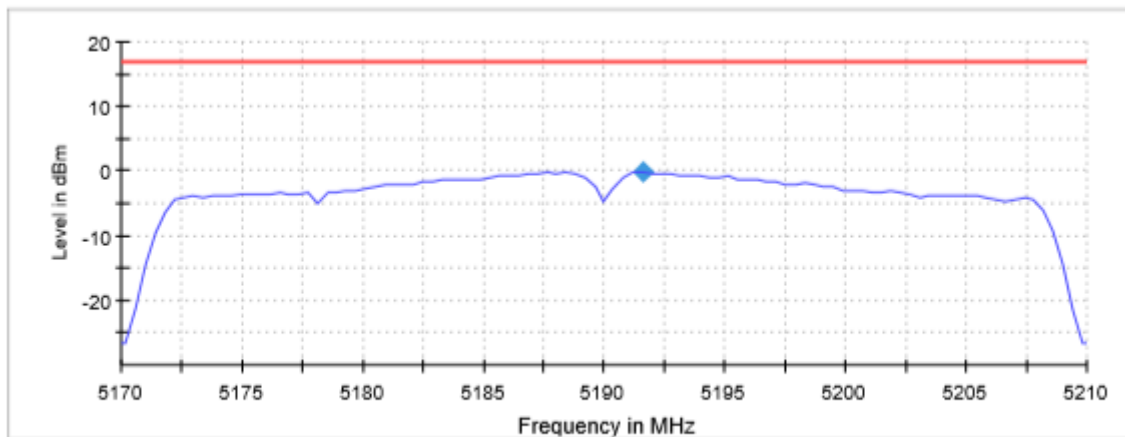
Port 3 & 4

Bandwidth: 40 MHz

	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	-0.161	-0.497
Measurement uncertainty (kHz)	$<\pm 0.78$	

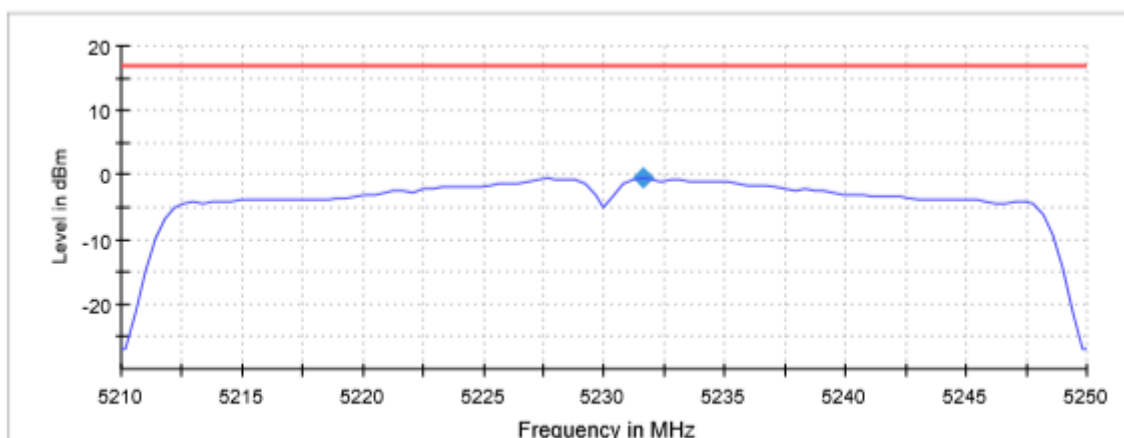
TEST RESULTS (Cont.):

Lowest Channel



— Limit ◆ PSD — Sum Level

Highest Channel



— Limit ◆ PSD — Sum Level

TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.21000 GHz
Stop Frequency	5.21000 GHz	5.25000 GHz
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	0.000 dBm	10.000 dBm
Attenuation	20.000 dB	30.000 dB
Detector	RMS	10.000 dBm
SweepCount	29703	29703
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	6 / max. 15	5 / max. 15
Stable	3 / 3	3 / 3
Max Stable Difference	0.08 dB	0.03 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac80 mode Chip 1 SISO)
TEST RESULTS:	PASS

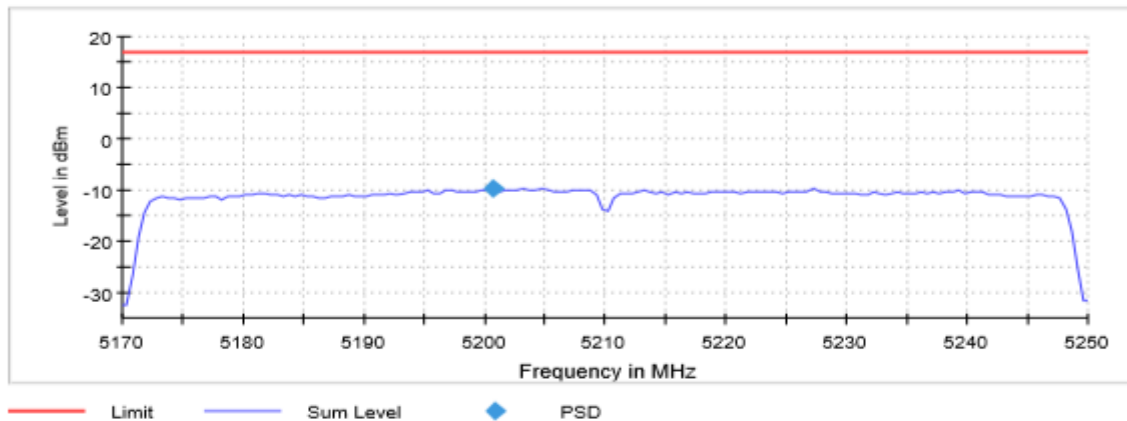
Port 2

Bandwidth: 80 MHz

	Lowest frequency 5210 MHz
Power spectral density (dBm)	-9.595
Measurement uncertainty (kHz)	<± 0.78

TEST RESULTS (Cont.):

Lowest Channel



Measurement

Setting	Instrument Value
Start Frequency	5.17000 GHz
Stop Frequency	5.25000 GHz
Span	80.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	160
Sweeptime	2.020 s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	RMS
SweepCount	18751
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	Sweep
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	7 / max. 15
Stable	3 / 3
Max Stable Difference	0.20 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac80 mode Chip 2 SISO)
TEST RESULTS:	PASS

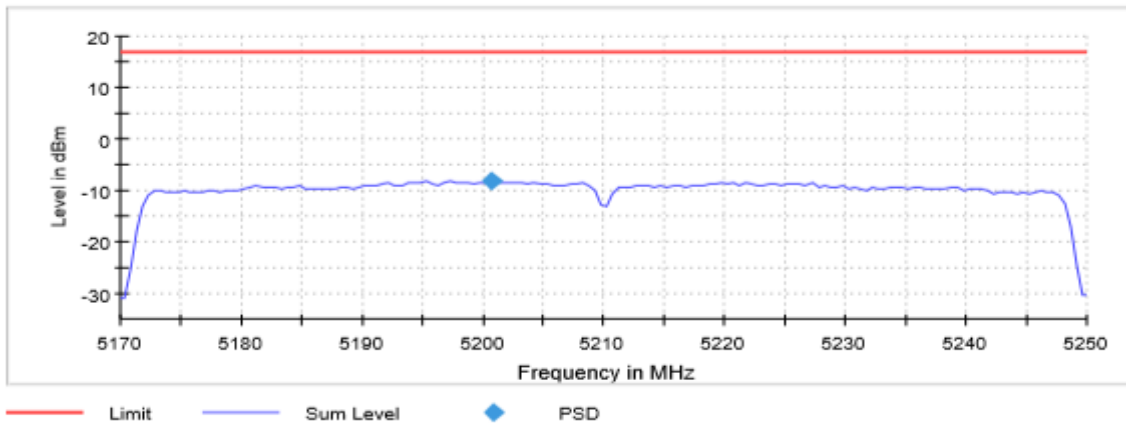
Port 4

Bandwidth: 80 MHz

	Lowest frequency 5210 MHz
Power spectral density (dBm)	-8.174
Measurement uncertainty (kHz)	<± 0.78

TEST RESULTS (Cont.):

Lowest Channel



Measurement

Setting	Instrument Value
Start Frequency	5.17000 GHz
Stop Frequency	5.25000 GHz
Span	80.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	160
Sweptime	2.020 s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	RMS
SweepCount	18751
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	Sweep
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	13 / max. 15
Stable	3 / 3
Max Stable Difference	0.17 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac80 mode Chip 1 MIMO)
TEST RESULTS:	PASS

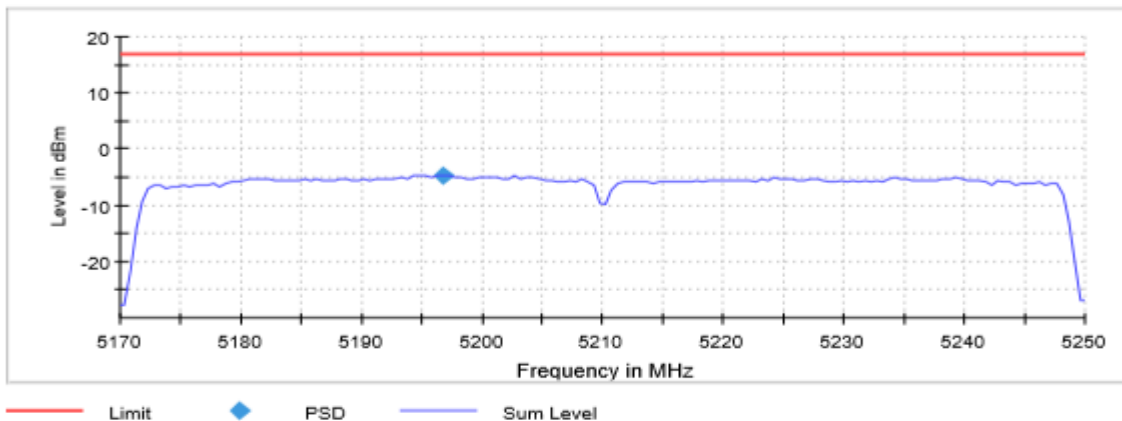
Port 1 & 2

Bandwidth: 80 MHz

	Lowest frequency 5210 MHz
Power spectral density (dBm)	-4.584
Measurement uncertainty (kHz)	<± 0.78

TEST RESULTS (Cont.):

Lowest Channel



— Limit ◆ PSD — Sum Level

Measurement

Setting	Instrument Value
Start Frequency	5.17000 GHz
Stop Frequency	5.25000 GHz
Span	80.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	160
Sweeptime	2.020 s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	RMS
SweepCount	18751
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	Sweep
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	6 / max. 15
Stable	3 / 3
Max Stable Difference	0.22 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac80 mode Chip 2 MIMO)
TEST RESULTS:	PASS

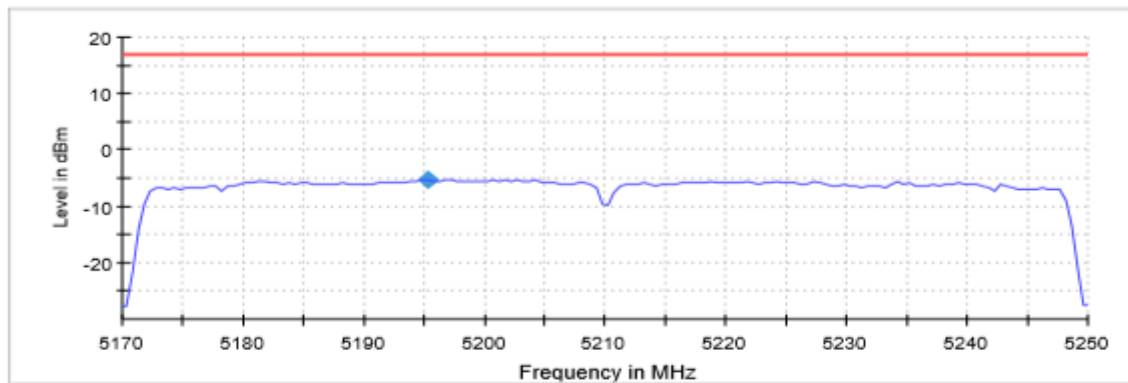
Port 3 & 4

Bandwidth: 80 MHz

	Lowest frequency 5210 MHz
Power spectral density (dBm)	-5.173
Measurement uncertainty (kHz)	<± 0.78

TEST RESULTS (Cont.):	
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Lowest Channel



— Limit ◆ PSD — Sum Level

Measurement

Setting	Instrument Value
Start Frequency	5.17000 GHz
Stop Frequency	5.25000 GHz
Span	80.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	160
SweepTime	3.200 ms
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	RMS
SweepCount	18751
Filter	3 dB
Trace Mode	Max Hold
SweepType	Sweep
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	8 / max. 15
Stable	3 / 3
Max Stable Difference	0.23 dB

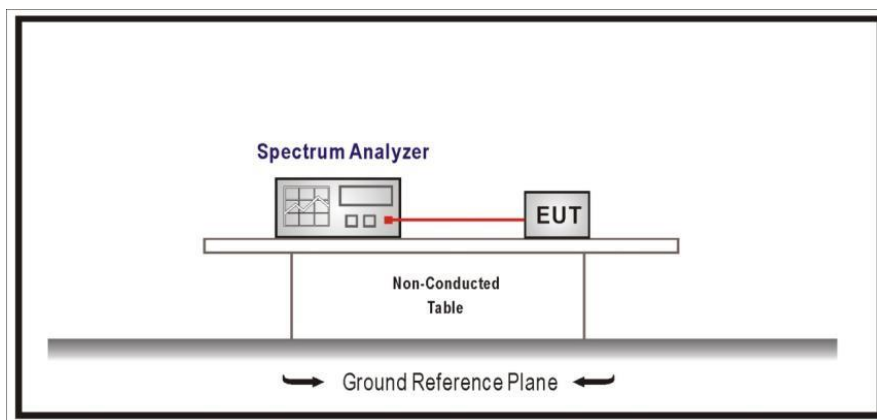
TEST B.4: BAND-EDGE RADIATED EMISSIONS COMPLIANCE (TRANSMITTER)

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

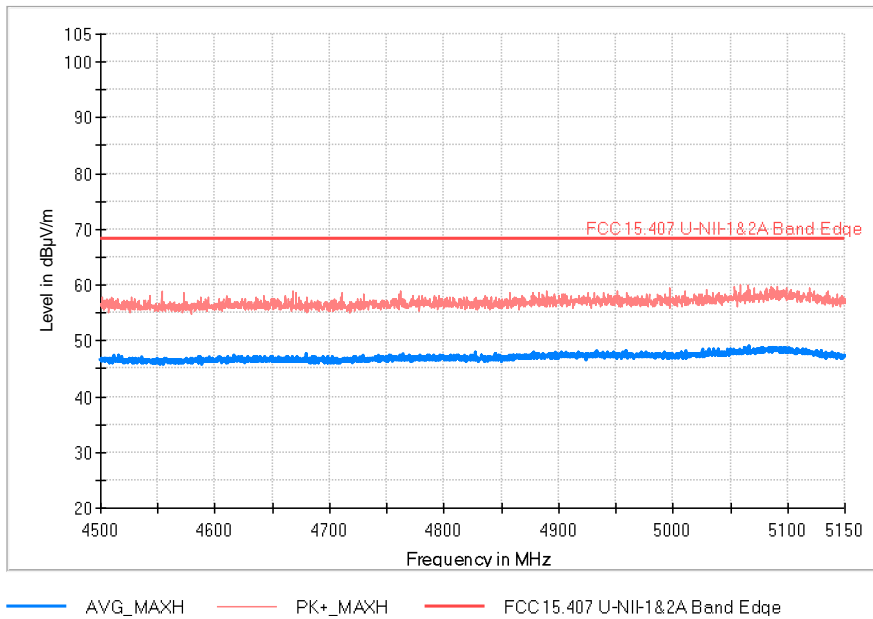


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode chip 1 SISO)
TEST RESULTS:	PASS

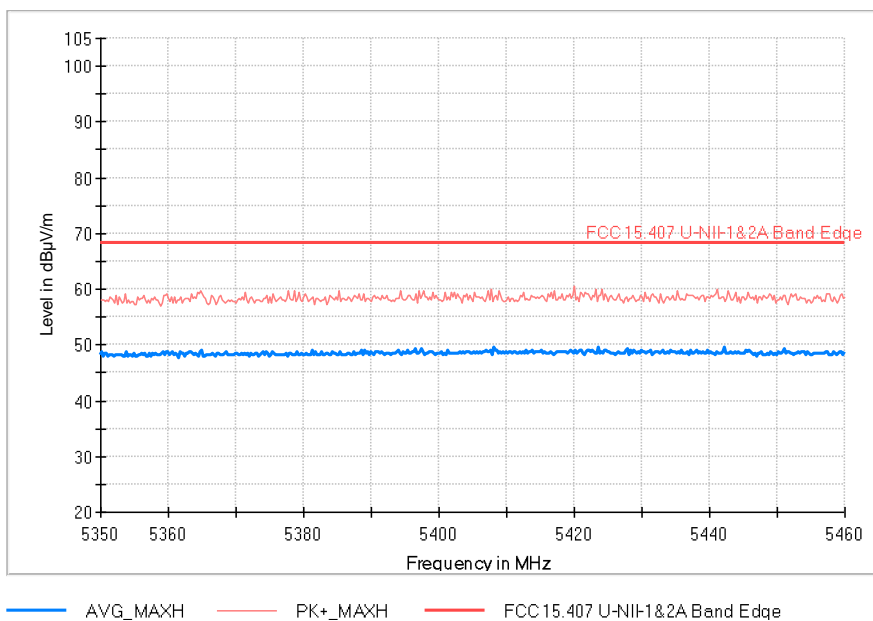
The plots below show the worst results obtained.

Bandwidth: 20 MHz

Lowest Channel



Highest Channel

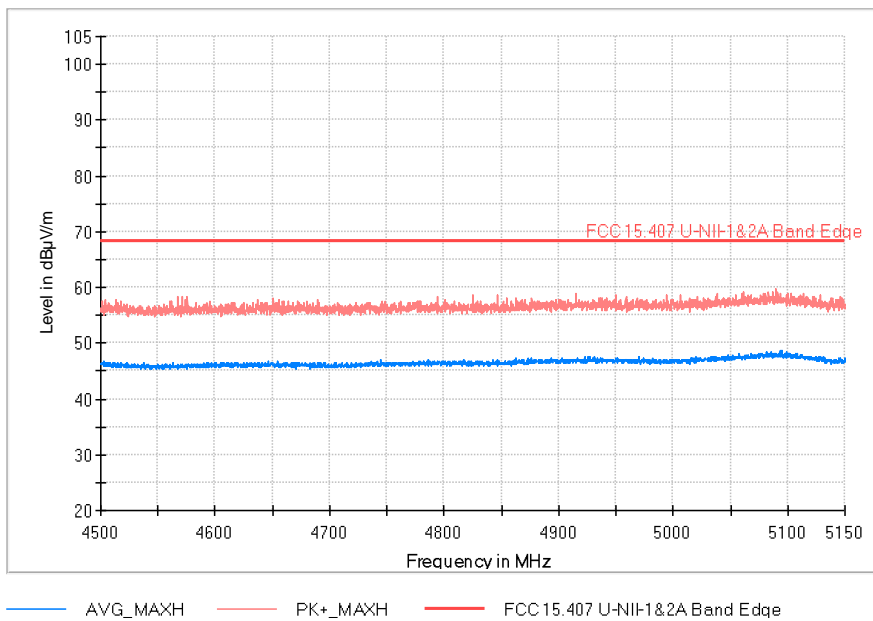


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n40 mode chip 1 SISO)
TEST RESULTS:	PASS

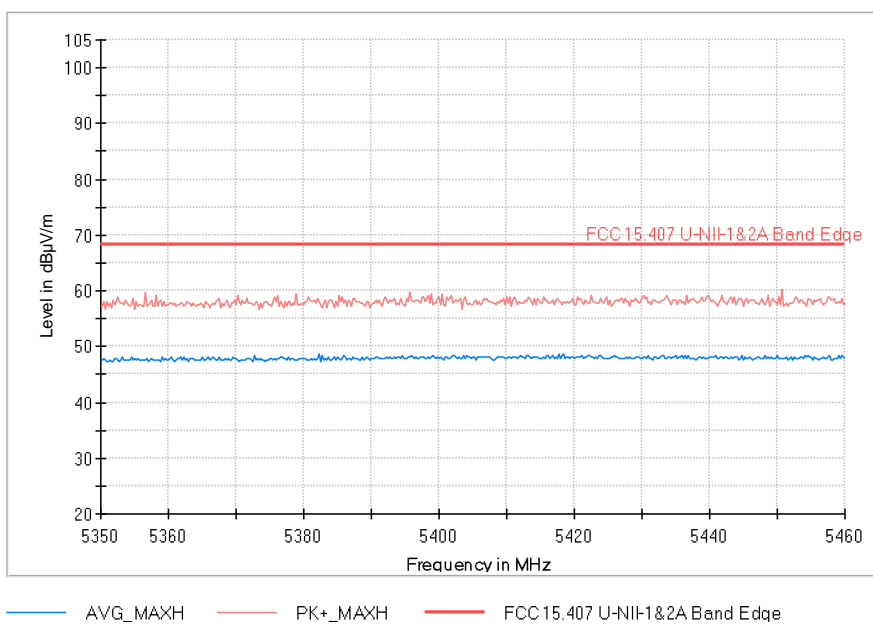
Bandwidth: 40 MHz

The plots below show the worst results obtained.

Lowest Channel



Highest Channel

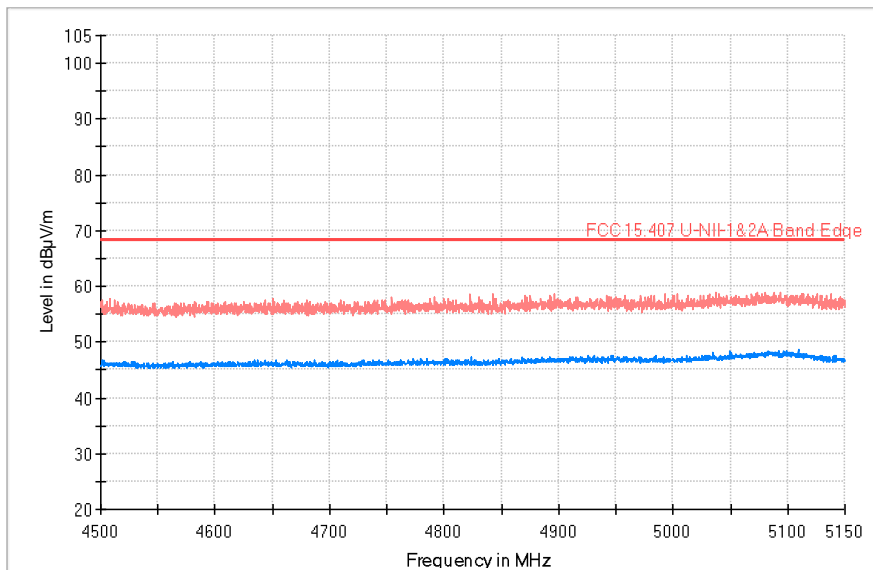


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac80 mode chip 1 SISO)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

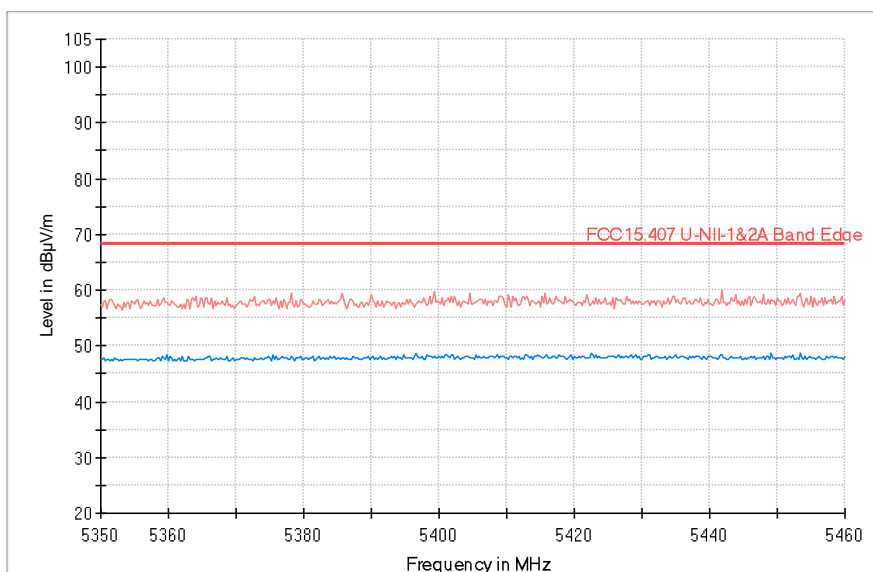
The plots below show the worst results obtained.

Lowest Channel



— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

Lowest Channel



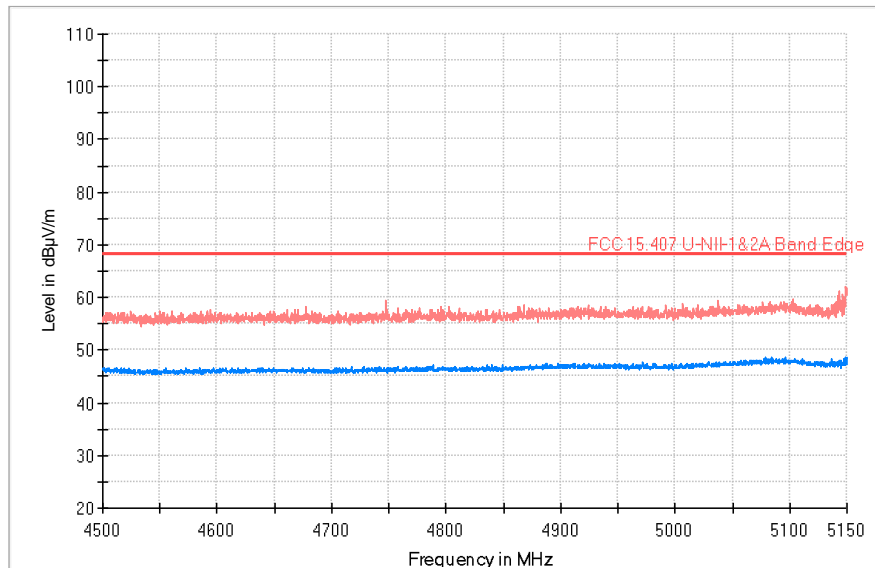
— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode chip 2 SISO)
TEST RESULTS:	PASS

The plots below show the worst results obtained.

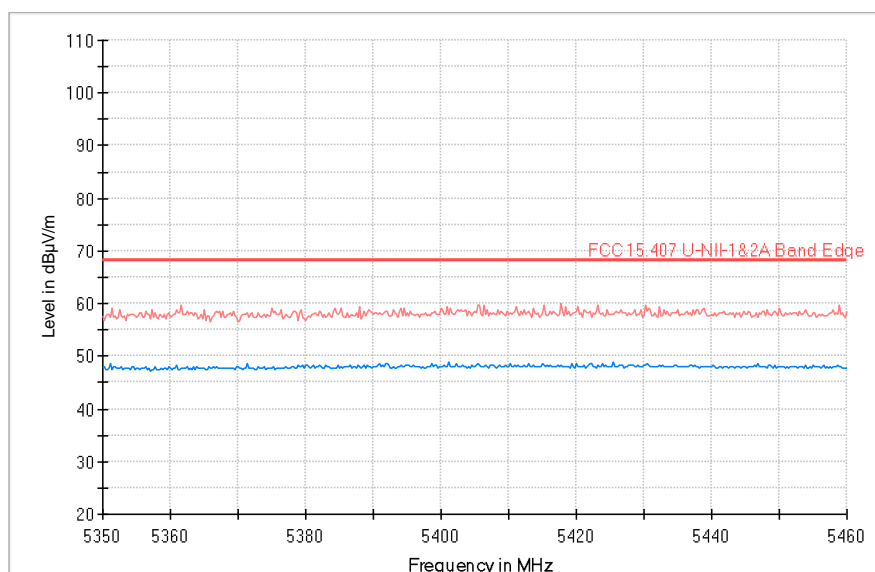
Bandwidth: 20 MHz

Lowest Channel



— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

Highest Channel



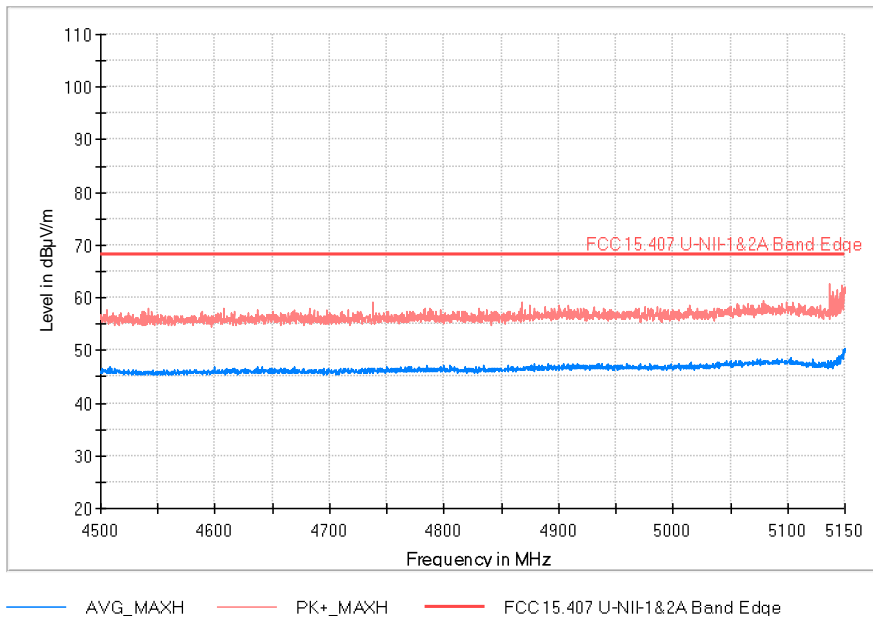
— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n40 mode chip 2 SISO)
TEST RESULTS:	PASS

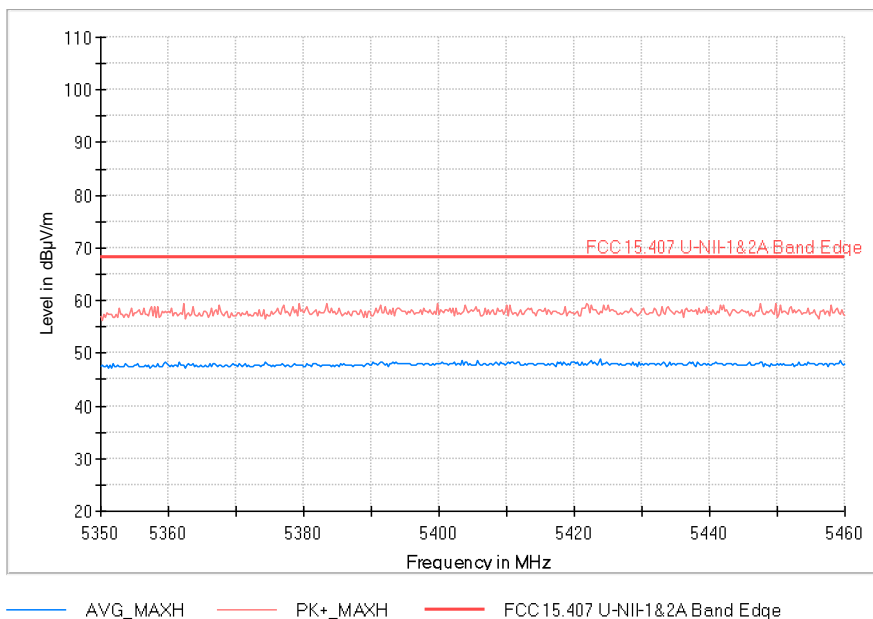
Bandwidth: 40 MHz

The plots below show the worst results obtained.

Lowest Channel



Highest Channel

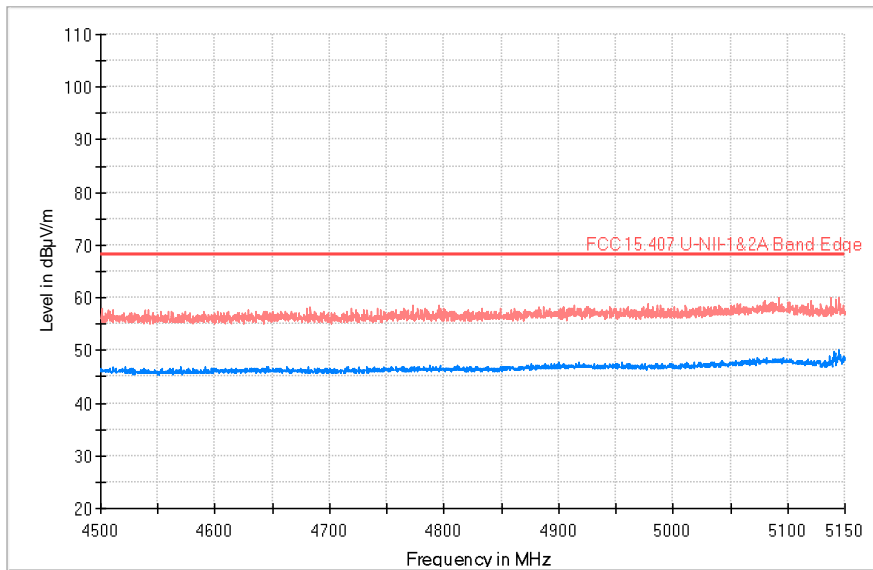


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (ac80 mode chip 2 SISO)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

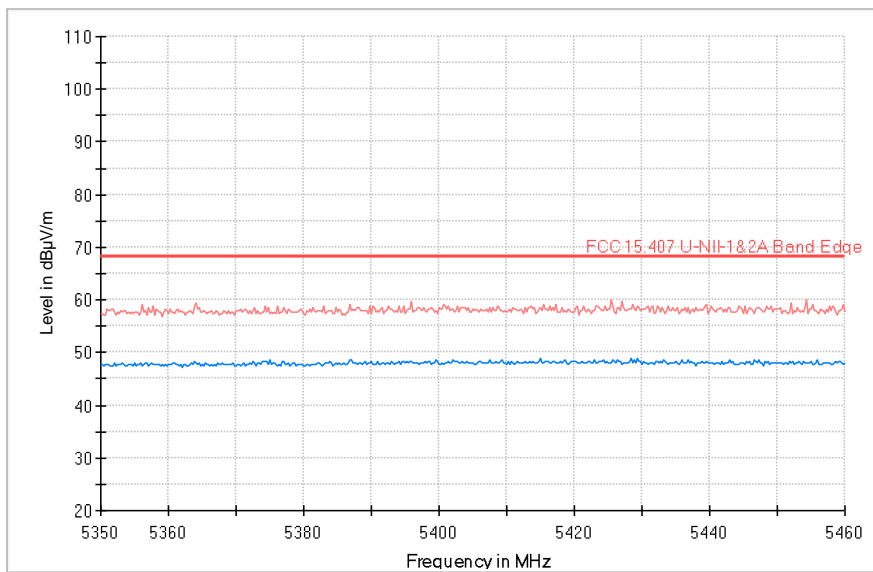
The plots below show the worst results obtained.

Lowest Channel



— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

Lowest Channel



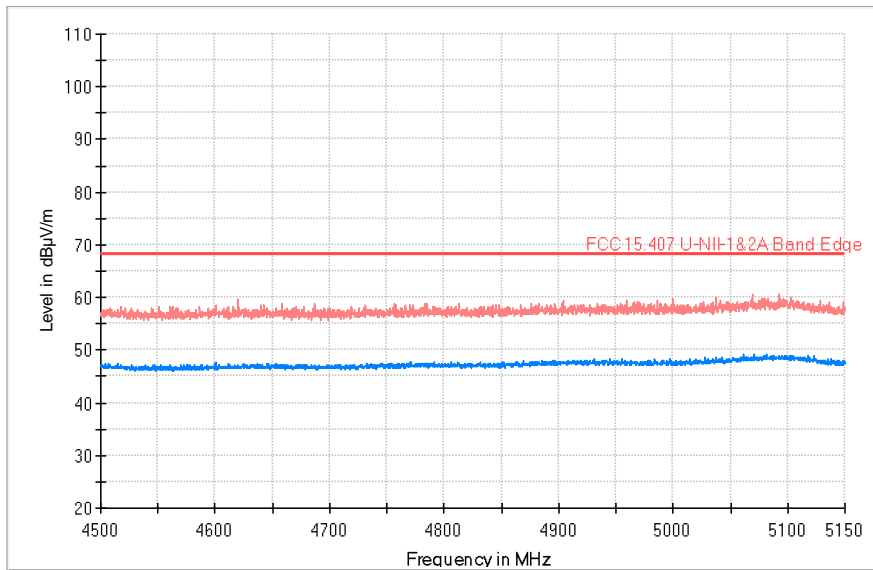
— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n20 mode chip 1 MIMO)
TEST RESULTS:	PASS

The plots below show the worst results obtained.

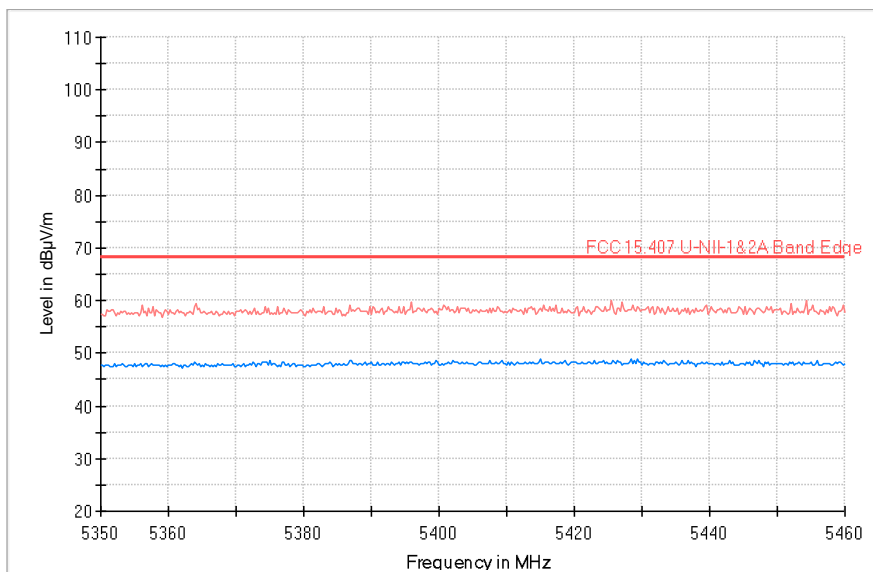
Bandwidth: 20 MHz

Lowest Channel



— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

Highest Channel



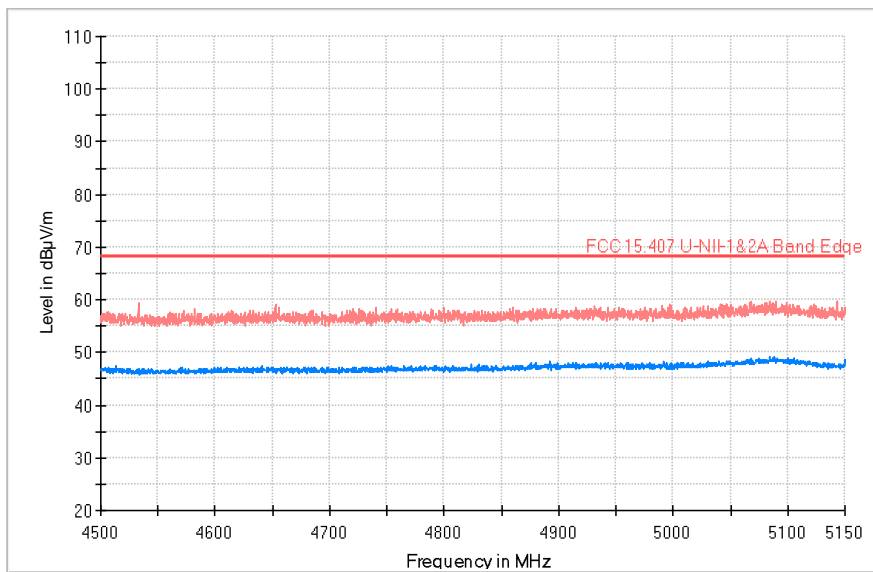
— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n40 mode chip 1 MIMO)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

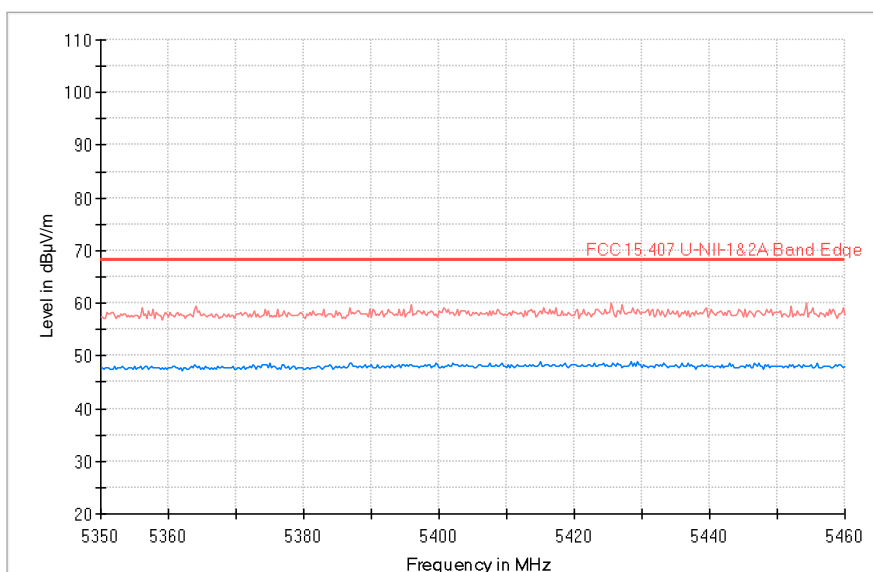
The plots below show the worst results obtained.

Lowest Channel



— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

Highest Channel



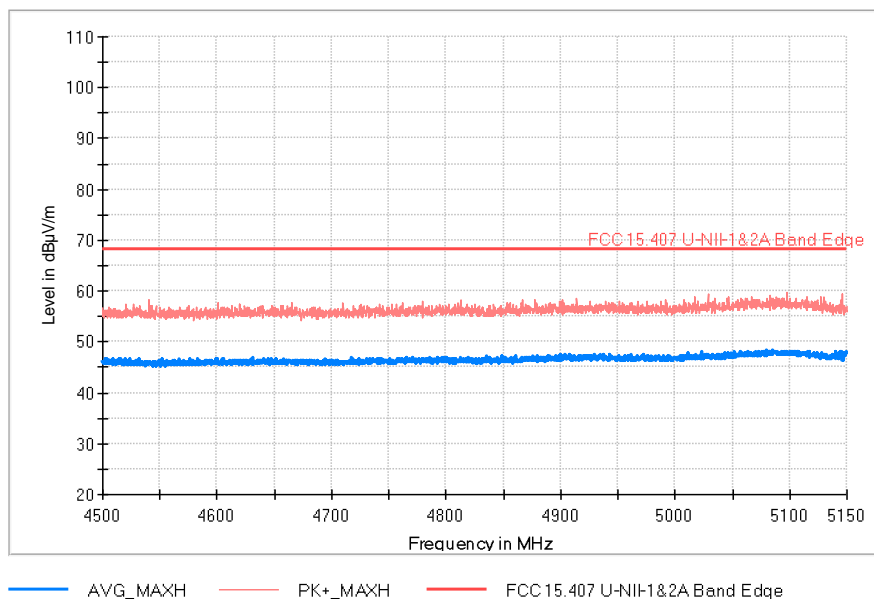
— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (ac80 mode chip1 MIMO)
TEST RESULTS:	PASS

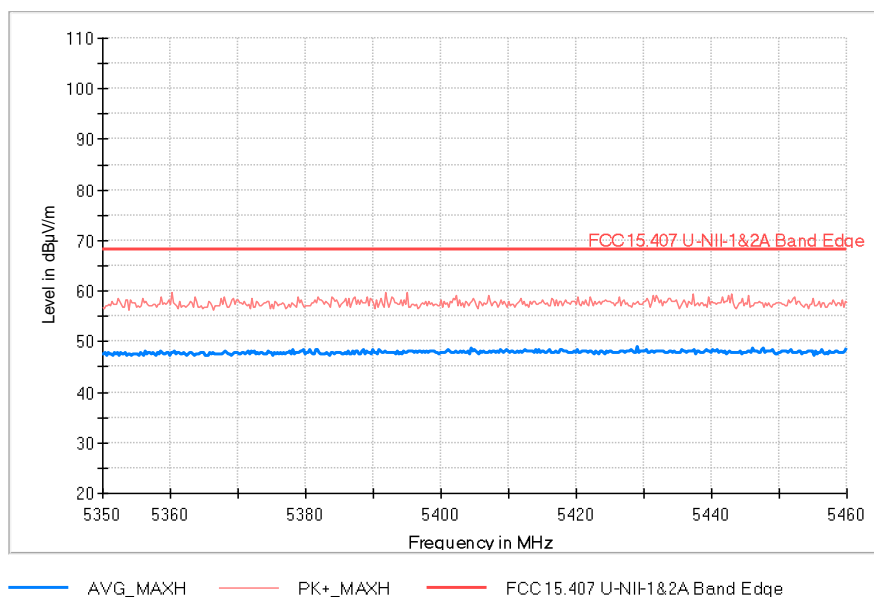
Bandwidth: 80 MHz

The plots below show the worst results obtained.

Lowest Channel



Lowest Channel

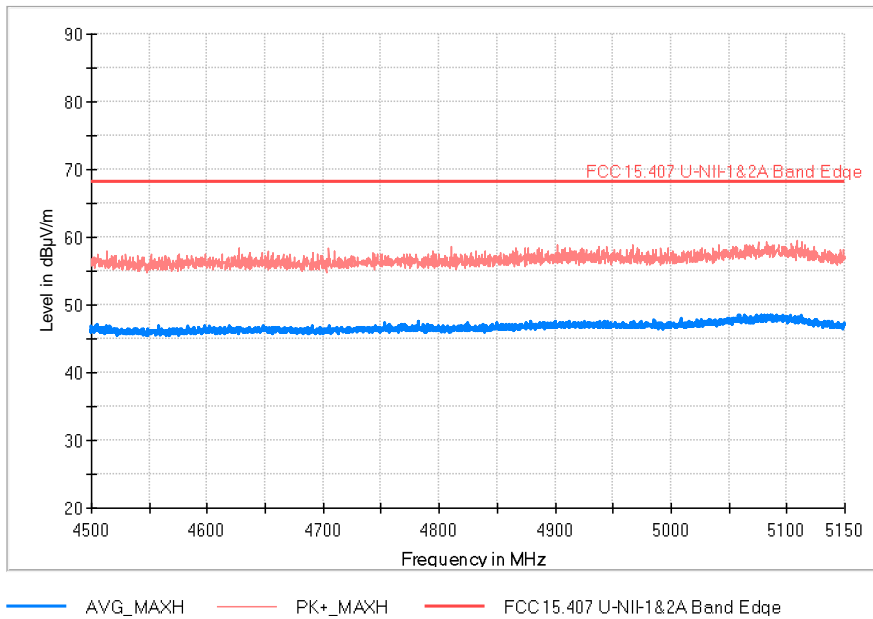


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (n20 mode chip 2 MIMO)
TEST RESULTS:	PASS

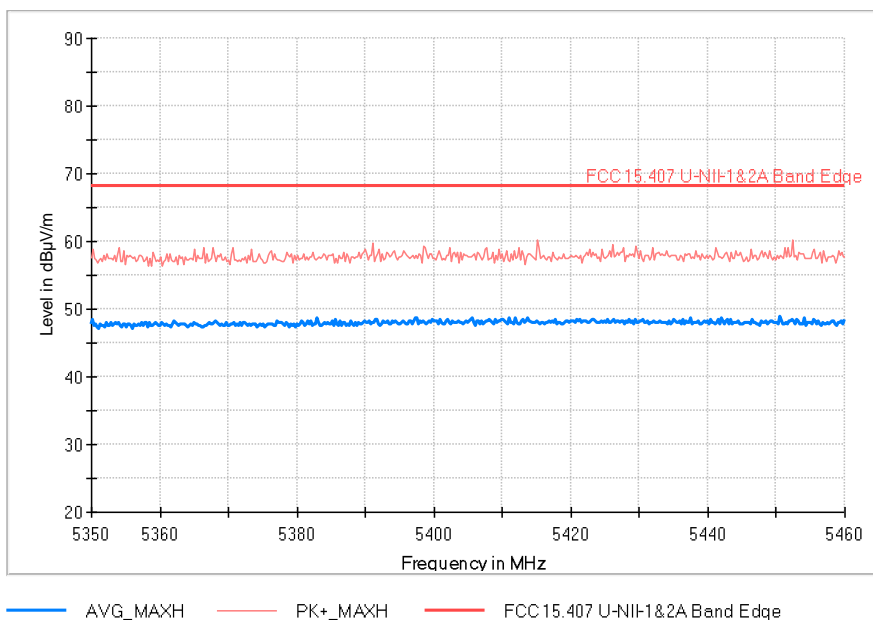
The plots below show the worst results obtained.

Bandwidth: 20 MHz

Lowest Channel



Highest Channel

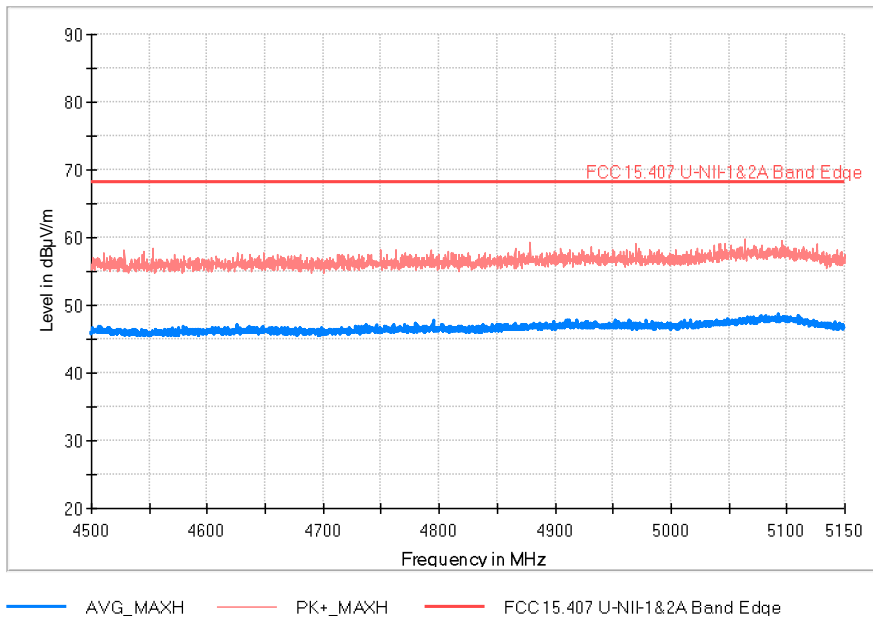


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n40 mode chip 2 MIMO)
TEST RESULTS:	PASS

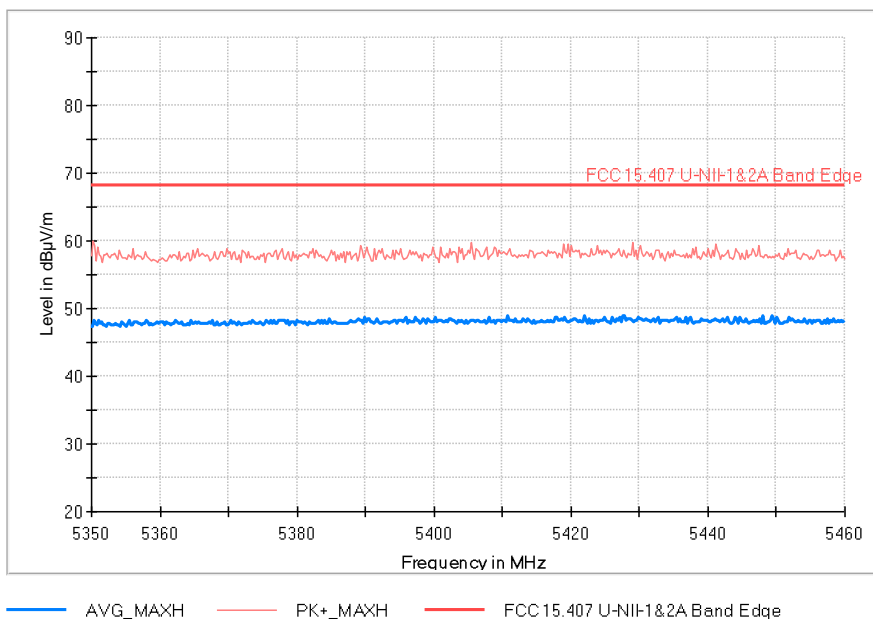
Bandwidth: 40 MHz

The plots below show the worst results obtained.

Lowest Channel



Highest Channel

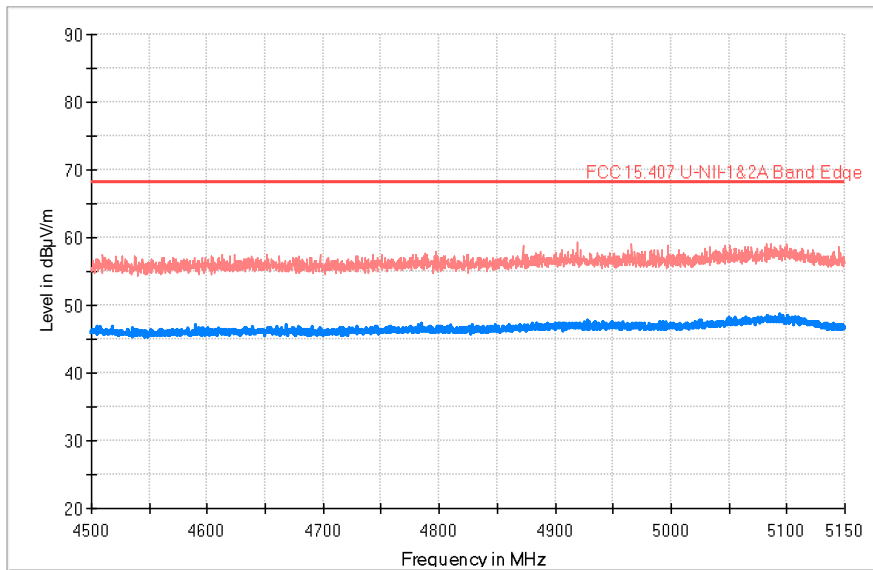


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (ac80 mode chip 2 MIMO)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

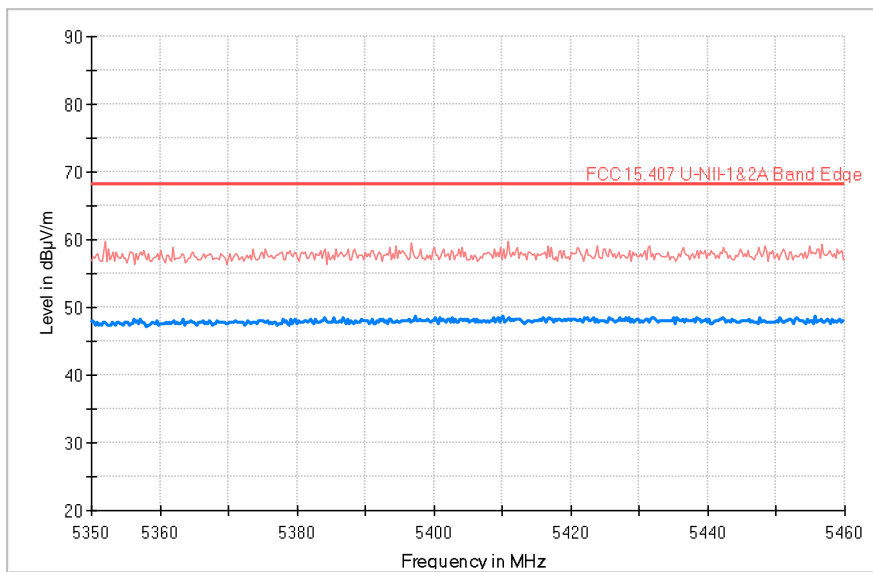
The plots below show the worst results obtained.

Lowest Channel



— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

Lowest Channel



— AVG_MAXH — PK+_MAXH — FCC 15.407 U-NII-1&2A Band Edge

TEST B.5: 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.

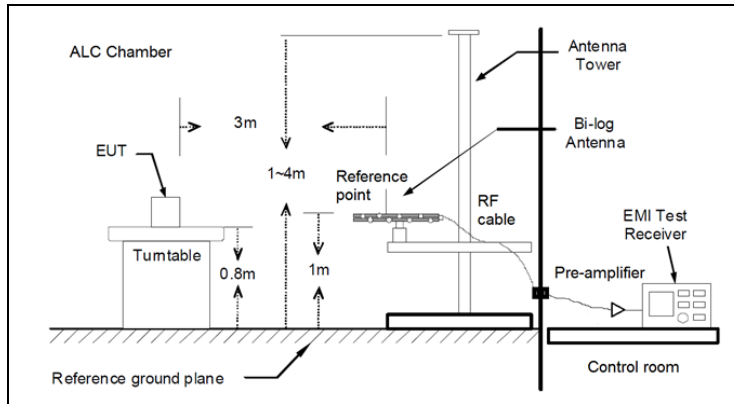
The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

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

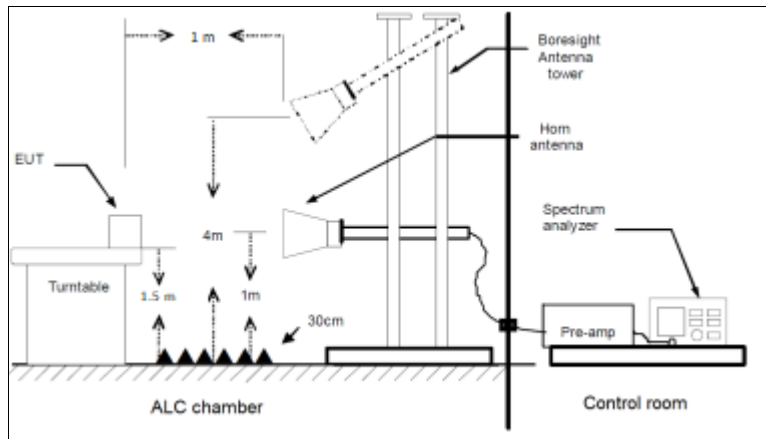
The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

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 chip1 SISO)
TEST RESULTS:	PASS

Frequency range 30 MHz – 1000 MHz

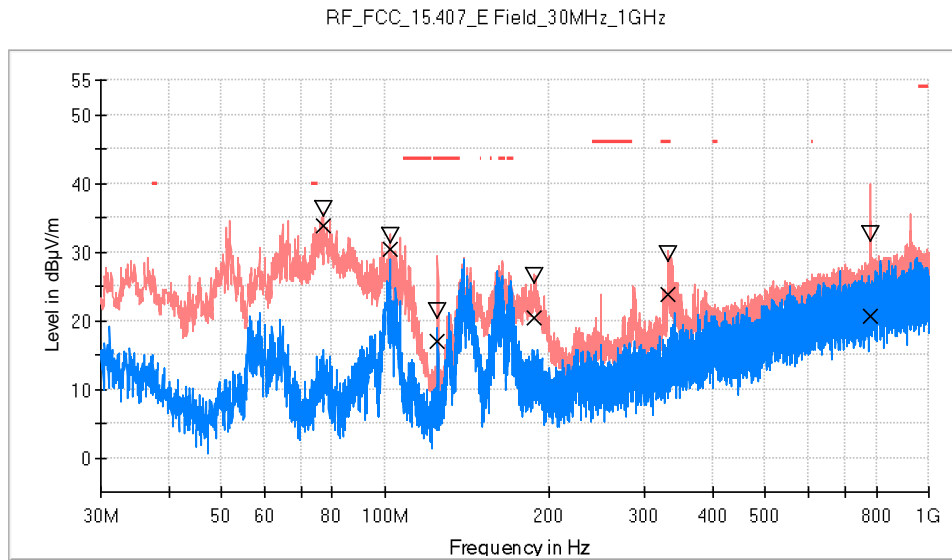
The spurious emissions below 1 GHz do not depend on the operating channel selected in the EUT. See worst operation a mode selected for all channels as a worst case.

Frequency range 1 GHz – 40 GHz

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

TEST RESULTS (Cont.)	
FREQUENCY RANGE	30MHz – 1 GHz

Middle Channel



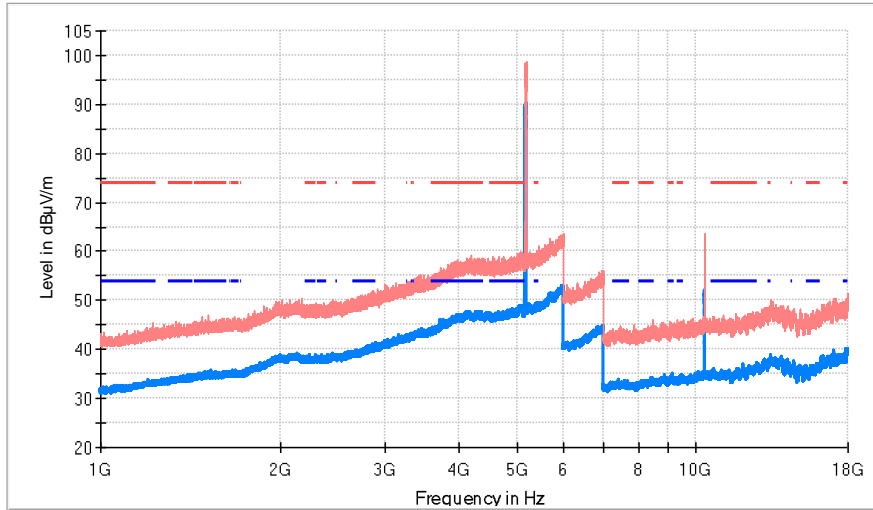
- PK+_MAXH
- PK+_CLRWR
- TX limits to Spurious Emission FCC15.407 (30MHz to 1GHz) Restricted Bands QPK Limit
- ▽ MaxPeak-PK+ (Single)
- × QuasiPeak-QPK (Single)

Maximizations

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Pol	Azimuth (deg)
77.190500	36.2	33.8	V	180.0
101.877000	32.4	30.3	H	32.0
124.963000	21.4	16.9	H	154.0
187.479500	26.4	20.4	V	12.0
331.233500	29.7	23.9	H	-52.0
777.773000	32.5	20.6	V	148.0

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

Lowest Channel

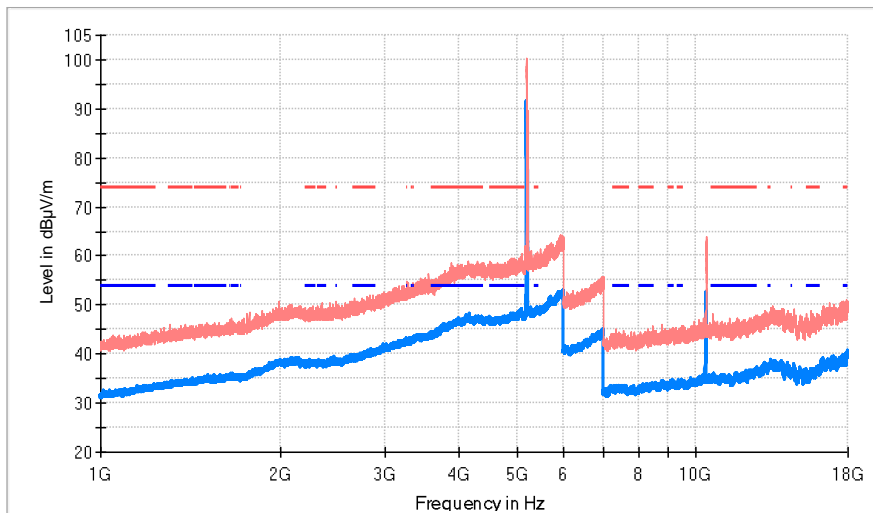


- AVG_MAXH
- PK+_MAXH
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5179.090909	98.5	90.2	H	Fundamental
10360.909091	63.6	52.0	V	

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

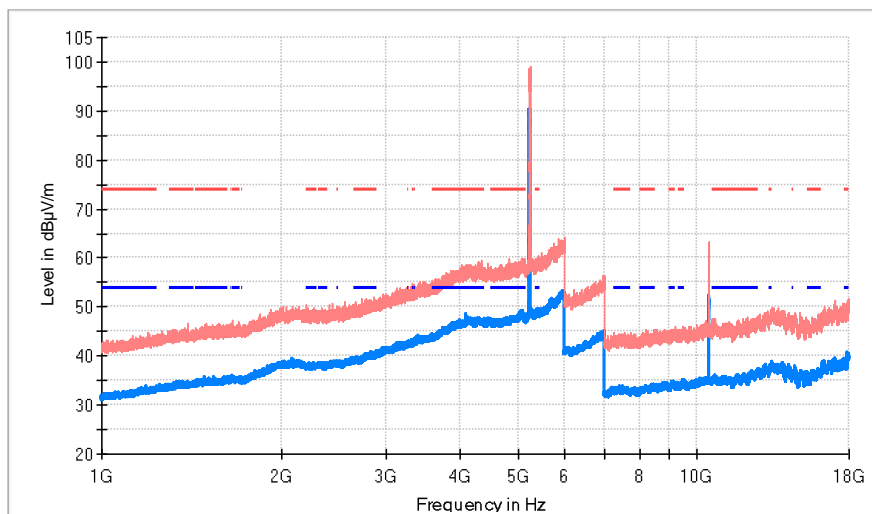
TEST RESULTS (Cont.)

FREQUENCY RANGE 1 – 18 GHz

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5200.909091	99.7	91.4	H	Fundamental
10401.272727	61.9	52.6	V	

Highest 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

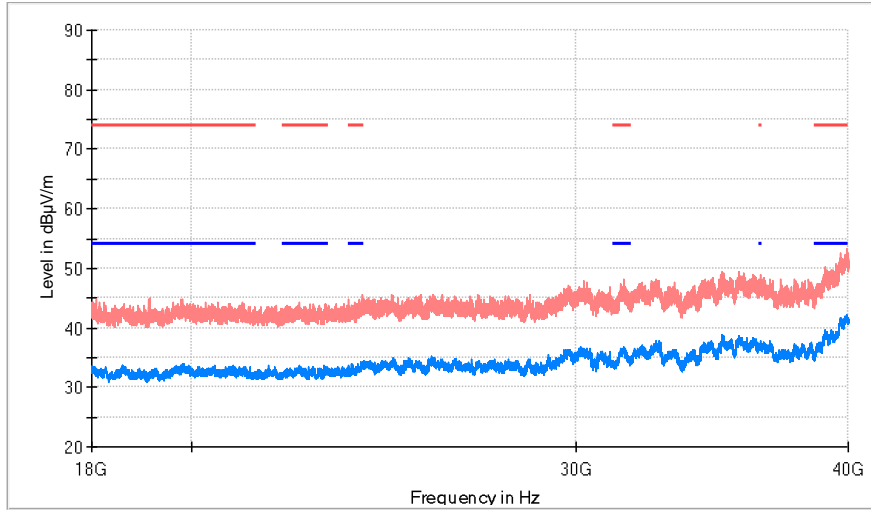
Maximizations

Frequency (MHz)	PK+ _MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5240.909091	98.0	90.3	H	Fundamental
10482.000000	61.3	52.4	H	

TEST RESULTS (Cont.)

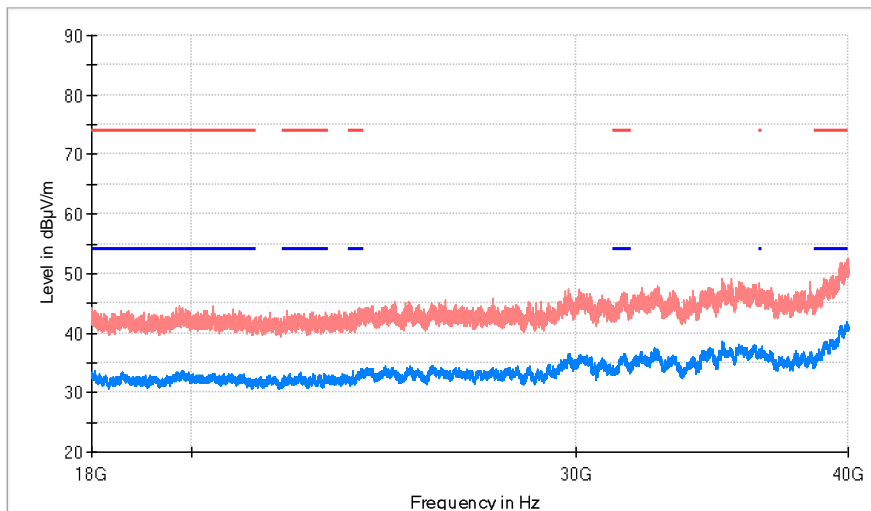
FREQUENCY RANGE 18 – 40 GHz

Lowest Channel



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

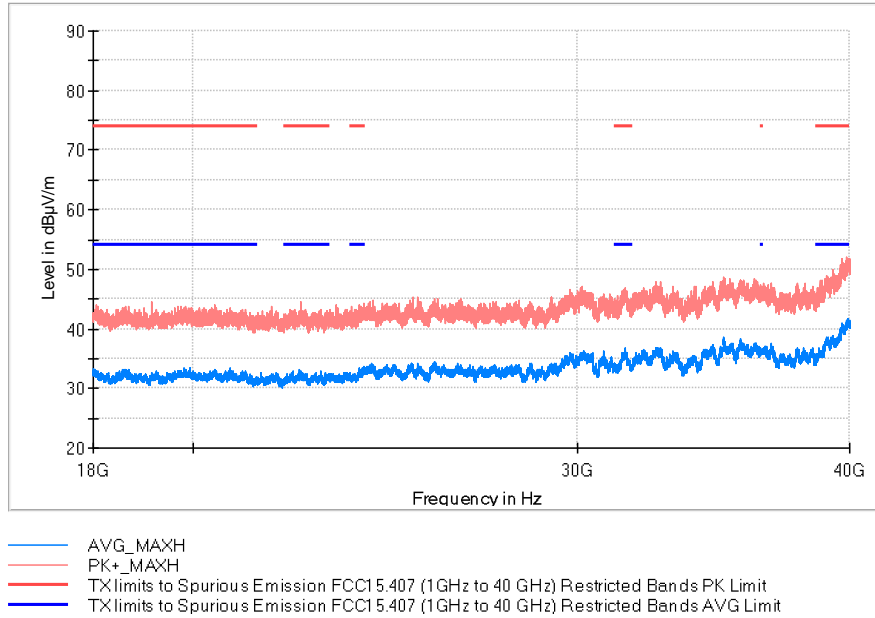
Middle Channel



- 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

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



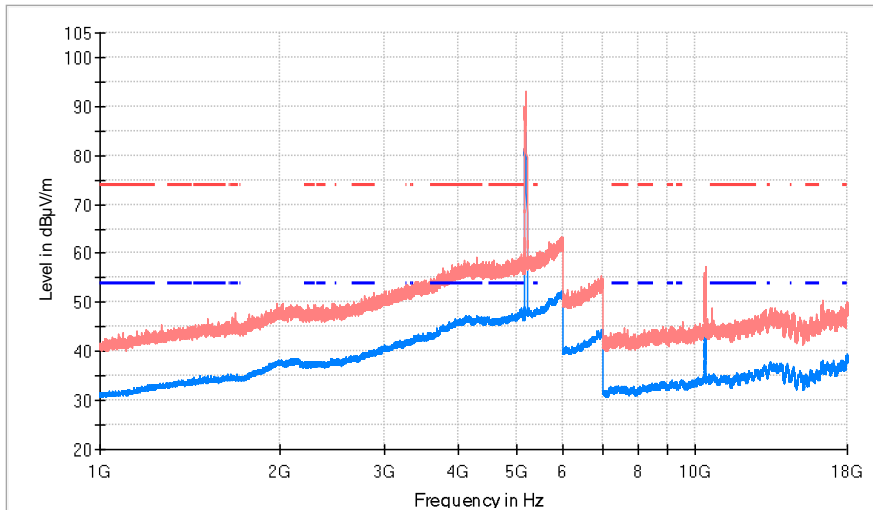
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#02 (n40 mode chip1 SISO)
TEST RESULTS:	PASS

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.)	
FREQUENCY RANGE	1 GHz – 18 GHz

Lowest Channel



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

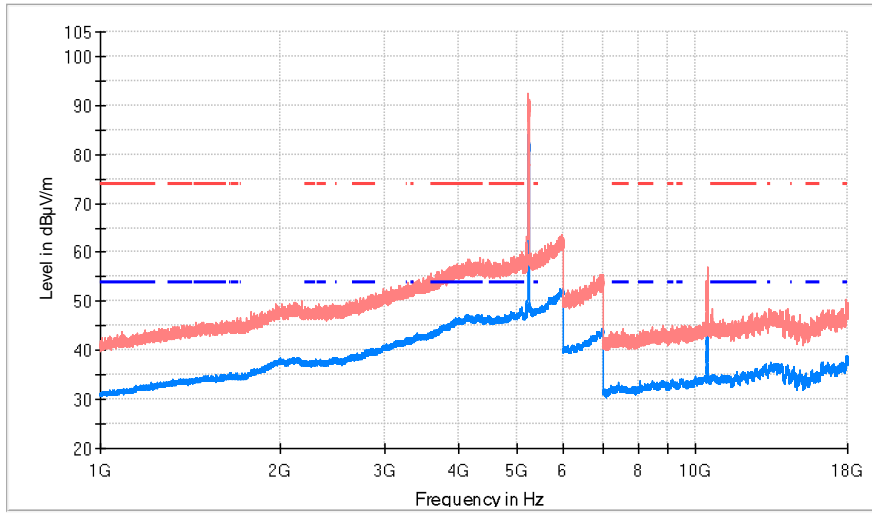
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5191.590909	91.2	84.6	H	Fundamental
10385.454546	57.3	45.7	V	

TEST RESULTS (Cont.)

1 GHz – 18 GHz

Highest Channel



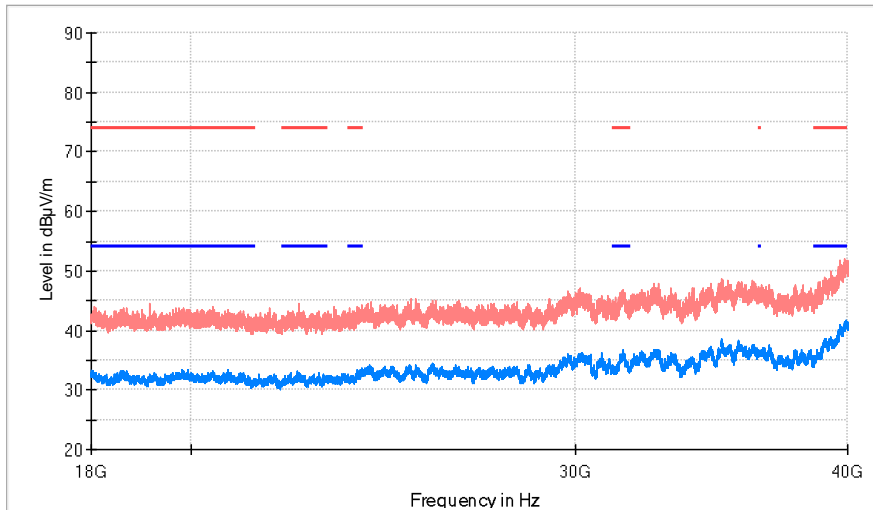
- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5228.863636	92.0	83.9	H	Fundamental
10458.000000	53.8	45.9	V	

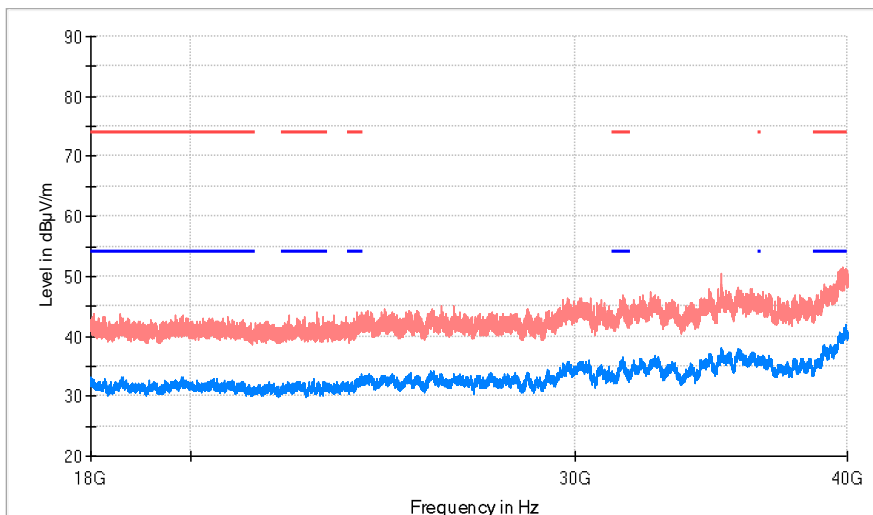
TEST RESULTS (Cont.)	
FREQUENCY RANGE	18 GHz – 40 GHz

Lowest Channel



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

Highest Channel



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

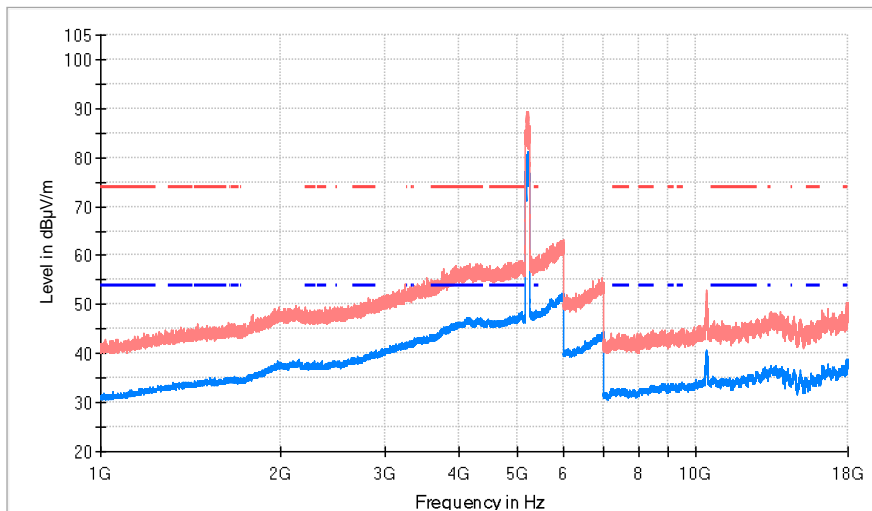
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (ac80 mode chip1 SISO)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

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

FREQUENCY RANGE	1 GHz – 18 GHz
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Middle Channel



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

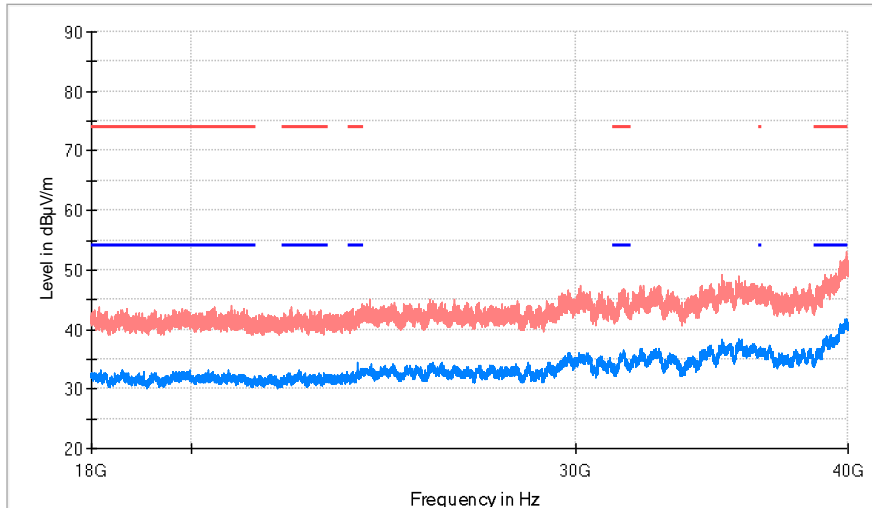
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5213.636364	88.5	81.1	H	Fundamental
10418.181818	50.1	40.7	V	

FREQUENCY RANGE

18 GHz – 40 GHz

Middle 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

TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#01 (a mode chip2 SISO)
TEST RESULTS:	PASS

Frequency range 30 MHz – 1000 MHz

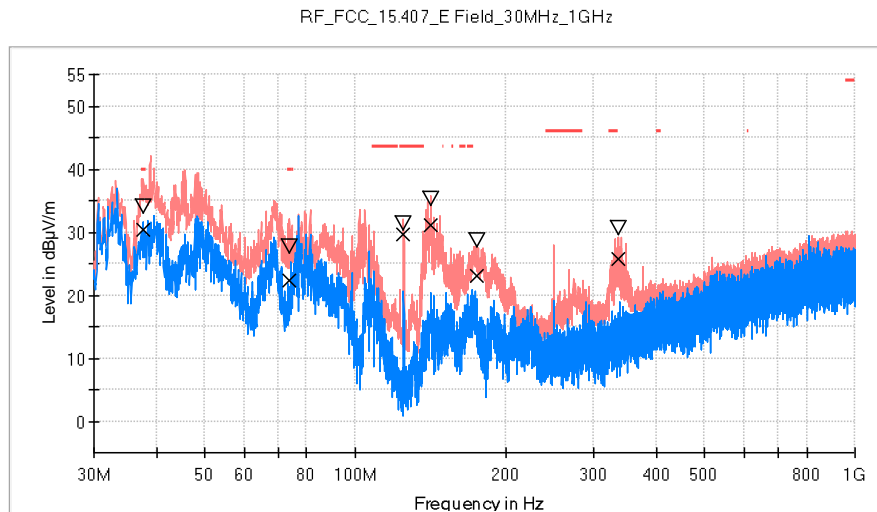
The spurious emissions below 1 GHz do not depend on the operating channel selected in the EUT. See worst operation a mode selected for all channels as a worst case.

Frequency range 1 GHz – 40 GHz

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

FREQUENCY RANGE	30MHz – 1 GHz
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Middle Channel



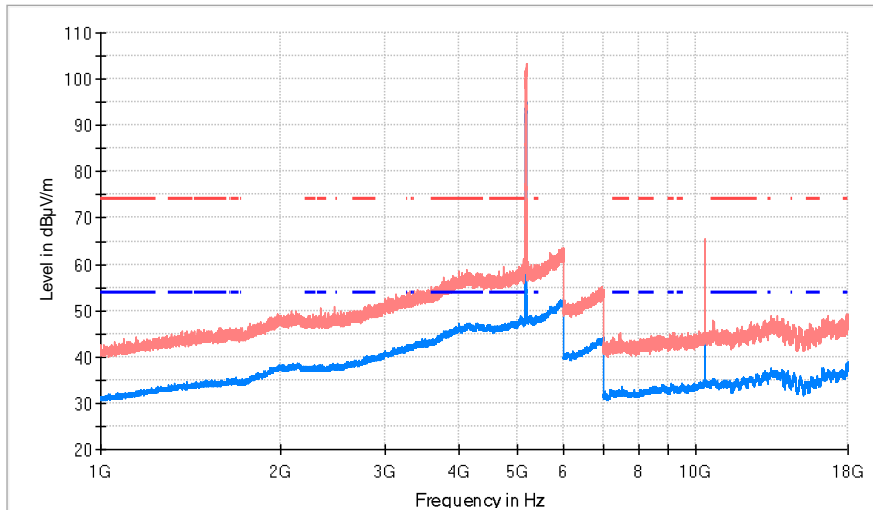
- PK+_MAXH
- PK+_CLRWR
- TX limits to Spurious Emission FCC15.407 (30MHz to 1GHz) Restricted Bands QPK Limit
- ▽ MaxPeak-PK+ (Single)
- × QuasiPeak-QPK (Single)

Maximizations

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Azimuth (deg)
37.760000	34.0	30.4	V	-101.0
73.892500	27.8	22.2	V	-86.0
124.963000	31.4	29.7	H	86.0
141.162000	35.2	31.2	H	-170.0
174.481500	28.6	23.0	V	9.0
336.083500	30.6	25.7	H	-163.0

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

Lowest Channel

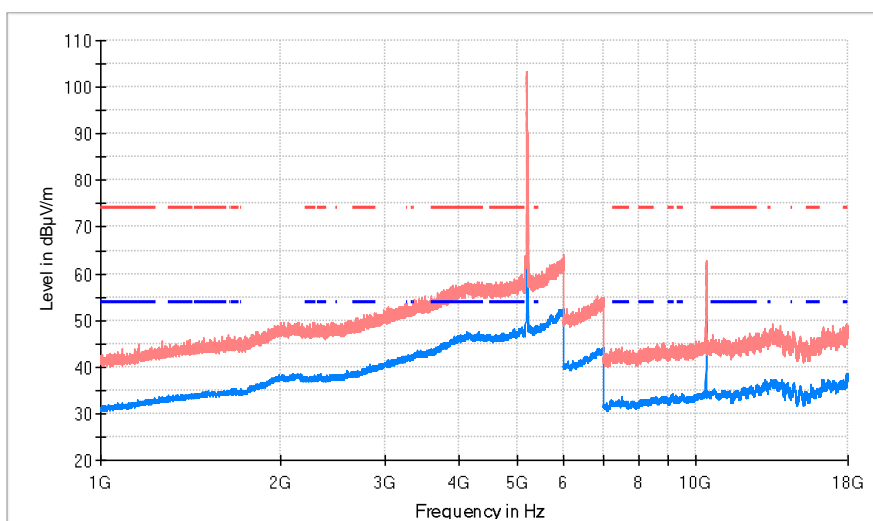


- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5182.272727	102.5	95.0	H	Fundamental
10356.545455	65.5	54.9	H	

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

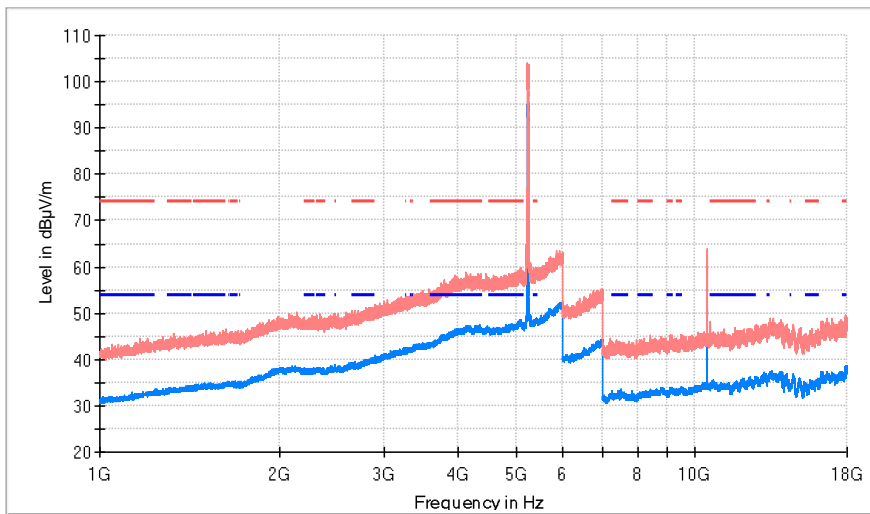
TEST RESULTS (Cont.)

FREQUENCY RANGE 1 – 18 GHz

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5198.863636	103.5	95.4	H	Fundamental
10400.181818	61.6	53.6	H	

Highest 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

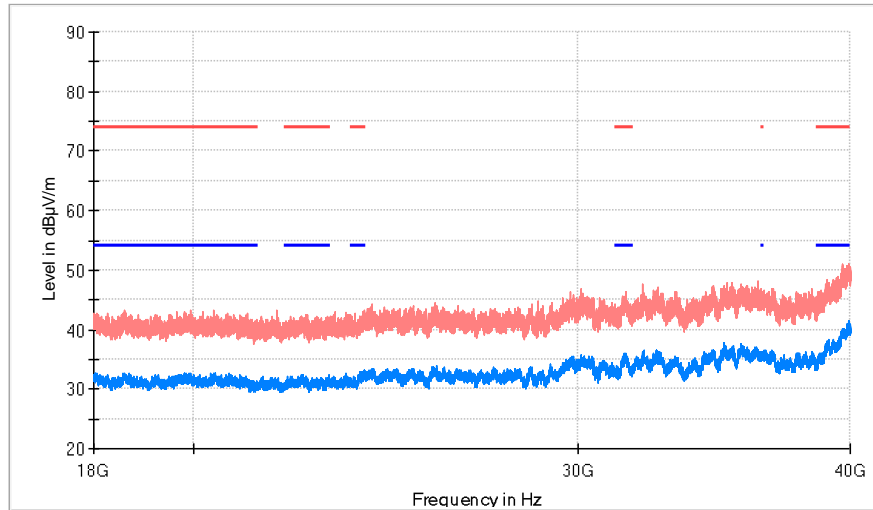
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5241.136364	102.0	95.5	H	Fundamental
10482.545455	63.7	51.5	H	

TEST RESULTS (Cont.)

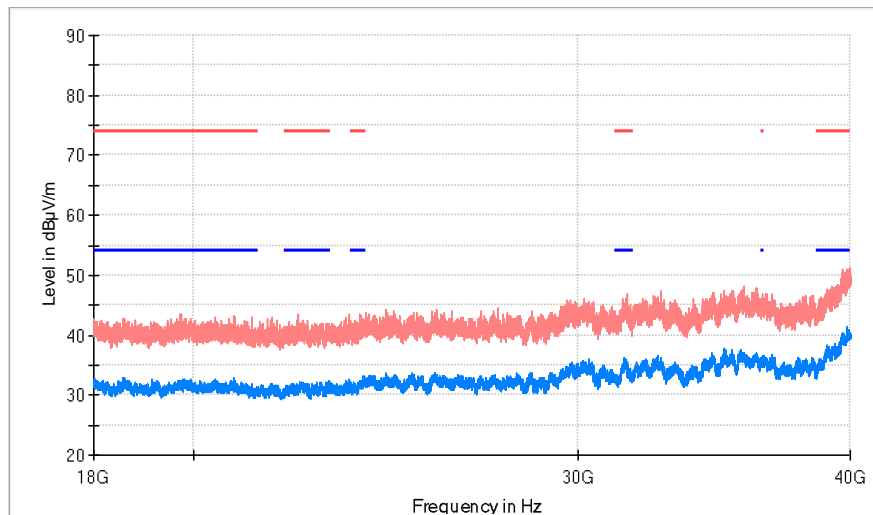
FREQUENCY RANGE 18 – 40 GHz

Lowest Channel



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

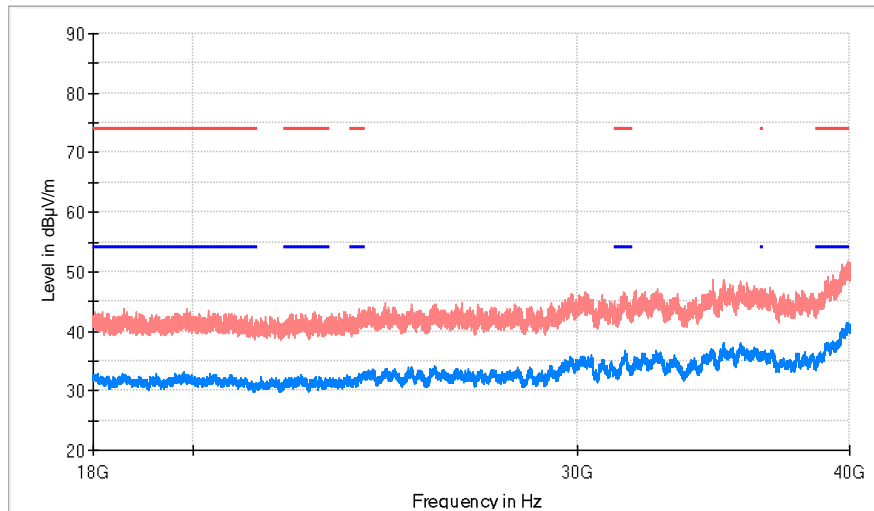
Middle Channel



- 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

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

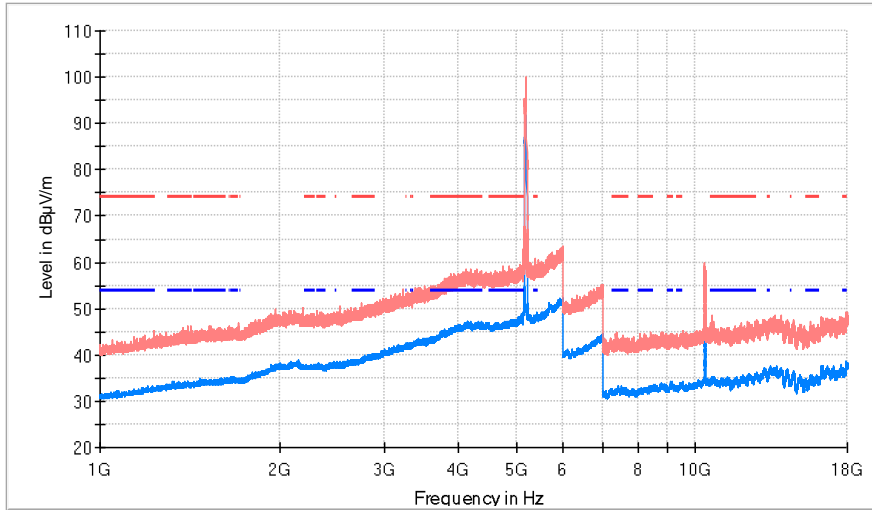
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#02 (n40 mode chip2 SISO)
TEST RESULTS:	PASS

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.)	
FREQUENCY RANGE	1 GHz – 18 GHz

Lowest Channel



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

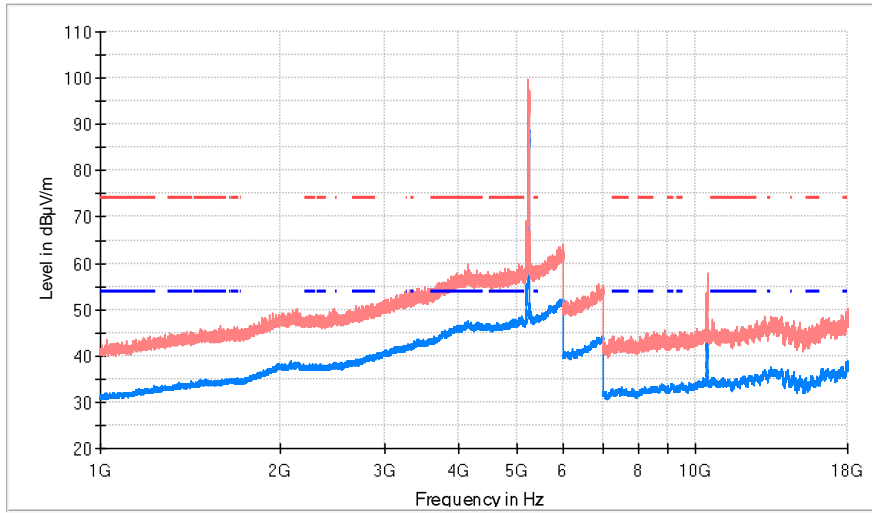
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5193.636364	100.0	90.8	H	Fundamental
10378.363636	60.0	47.9	H	

TEST RESULTS (Cont.)

1 GHz – 18 GHz

Highest Channel



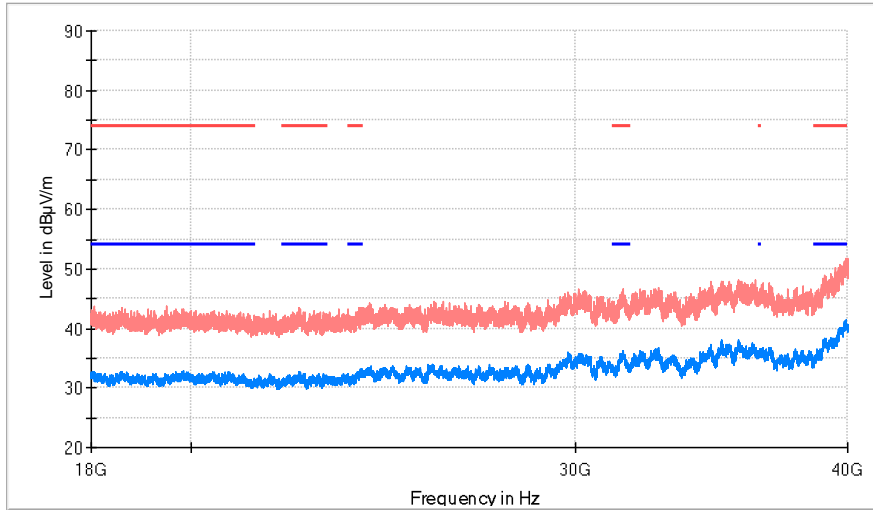
- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5233.409091	99.5	91.4	H	Fundamental
10465.636364	58.0	45.9	H	

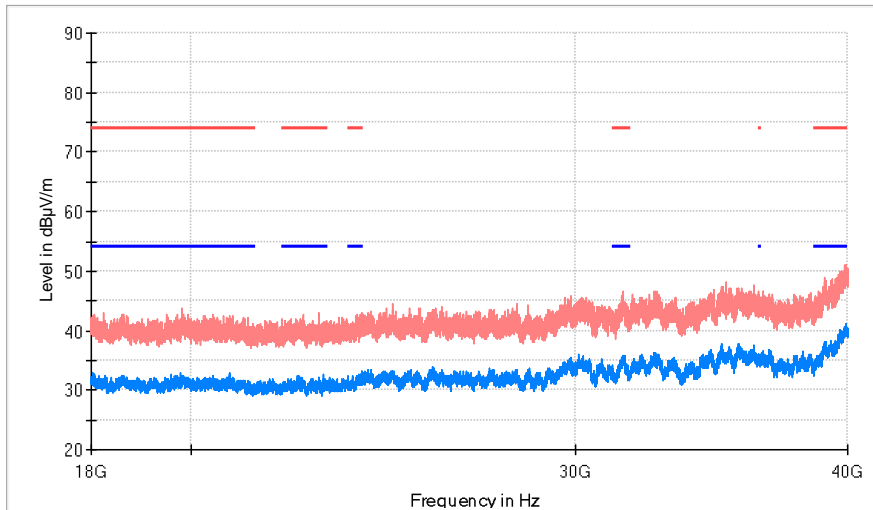
TEST RESULTS (Cont.)	
FREQUENCY RANGE	18 GHz – 40 GHz

Lowest Channel



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

Highest Channel



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

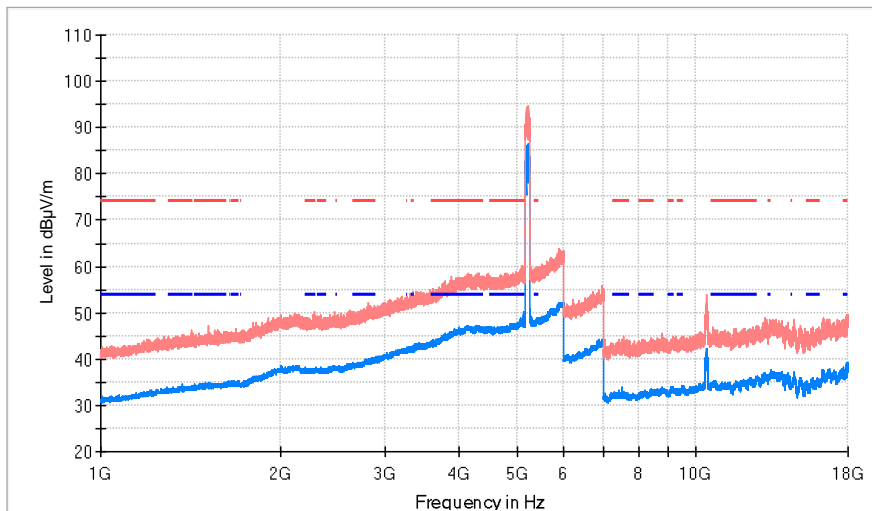
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (ac80 mode chip2 SISO)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

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

FREQUENCY RANGE	1 GHz – 18 GHz
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Middle 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

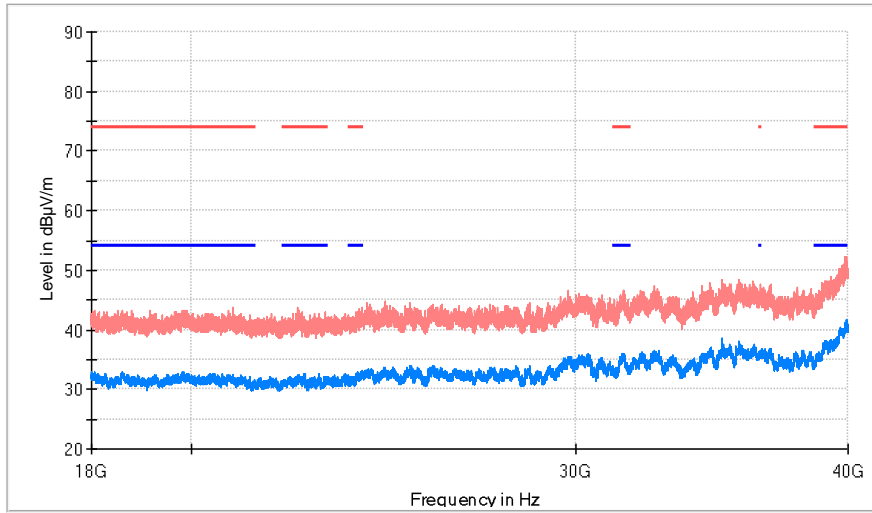
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5212.500000	94.8	86.0	H	Fundamental
10412.181818	54.0	41.2	H	

FREQUENCY RANGE

18 GHz – 40 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

TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#02 (n20 mode chip1 MIMO)
TEST RESULTS:	PASS

Frequency range 30 MHz – 1000 MHz

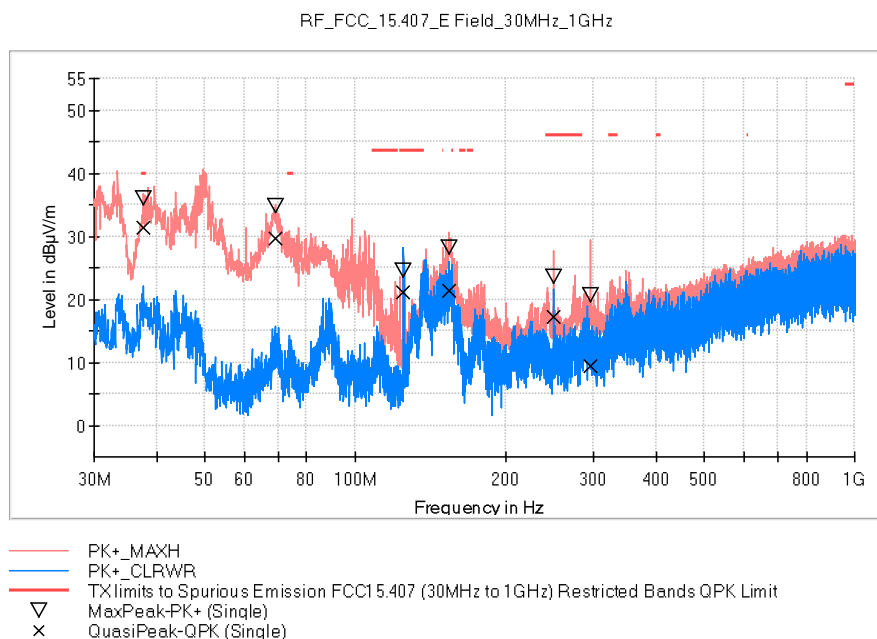
The spurious emissions below 1 GHz do not depend on the operating channel selected in the EUT. See worst operation mode selected for all channels as a worst case.

Frequency range 1 GHz – 40 GHz

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

FREQUENCY RANGE	30MHz – 1 GHz
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Middle Channel

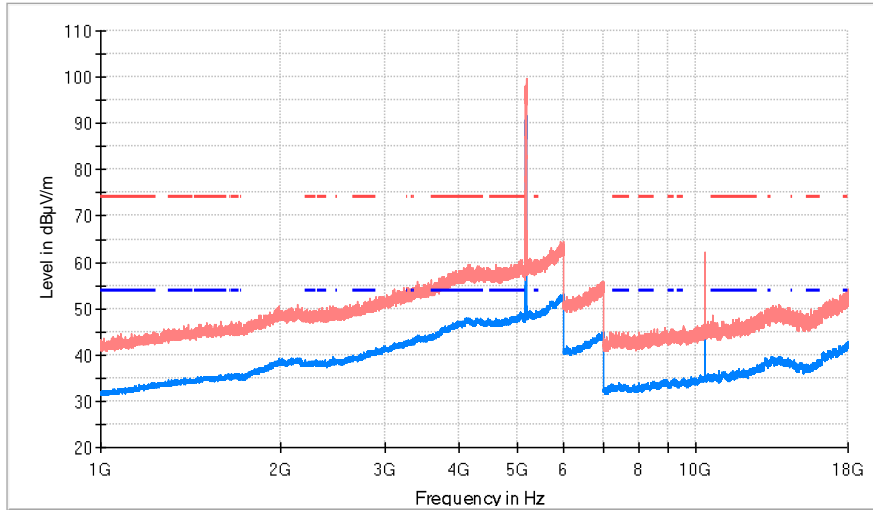


Maximizations

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Azimuth (deg)
37.711500	35.9	31.4	V	86.0
69.139500	34.7	29.8	V	7.0
124.963000	24.4	21.0	H	-180.0
154.063000	28.2	21.5	H	-8.0
249.947500	23.6	17.1	V	41.0
295.586000	20.5	9.5	V	41.0

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

Lowest Channel

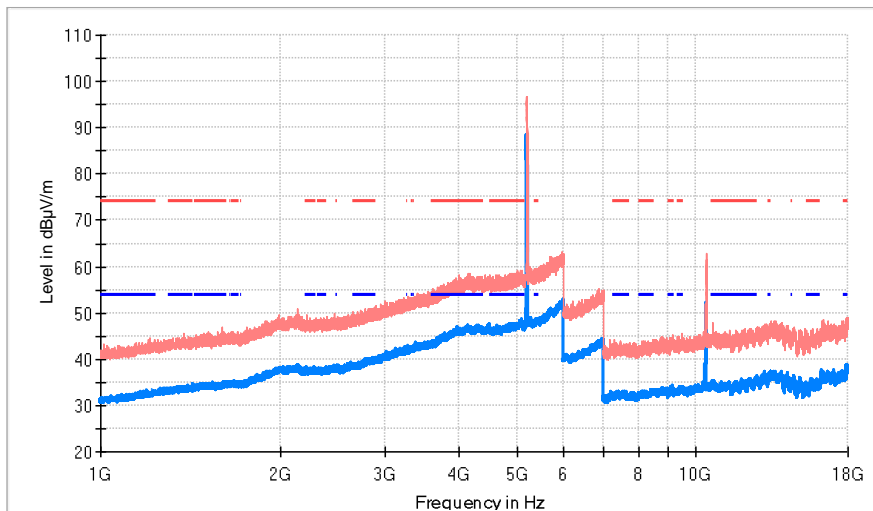


- AVG_MAXH
- PK+_MAXH
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5180.909091	99.4	91.9	H	139.0
10359.818182	60.0	51.3	H	-10.0

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

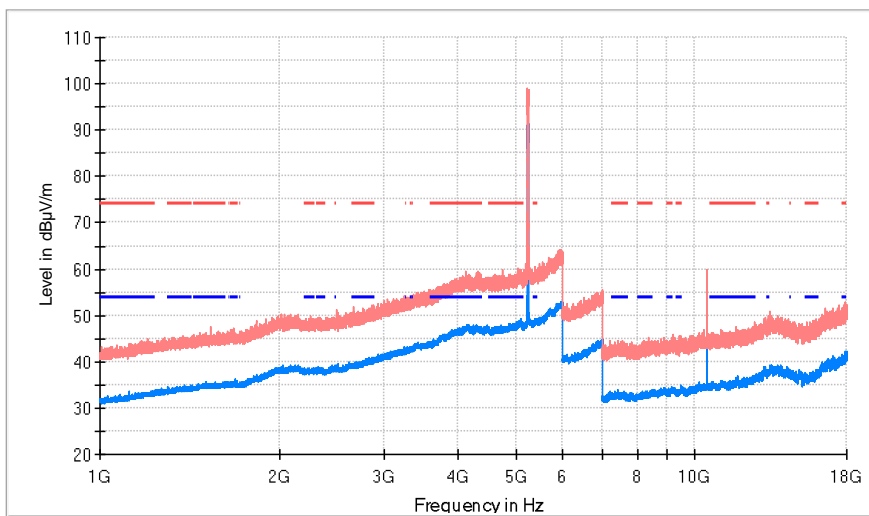
TEST RESULTS (Cont.)

FREQUENCY RANGE 1 – 18 GHz

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5198.636364	96.6	86.8	V	Fundamental
10401.272727	62.7	52.1	V	

Highest 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

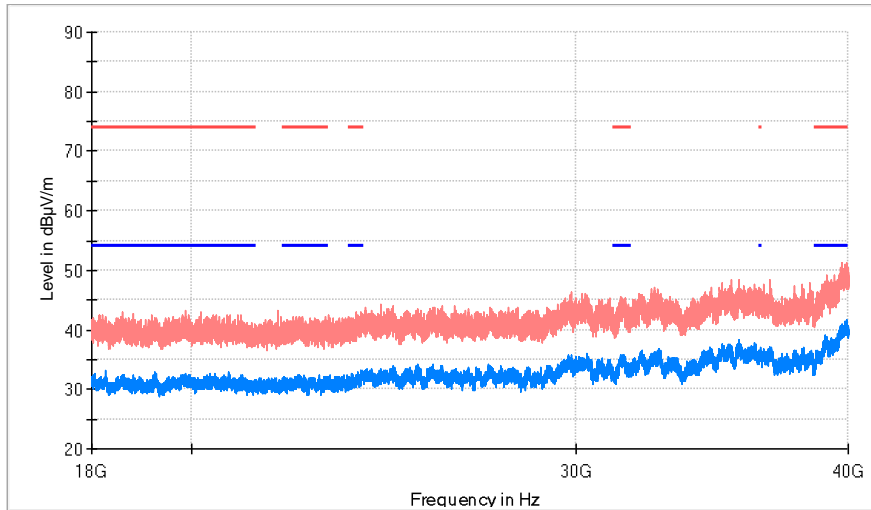
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5237.954546	99.0	91.2	H	137.0
10477.636364	59.9	48.2	H	-22.0

TEST RESULTS (Cont.)

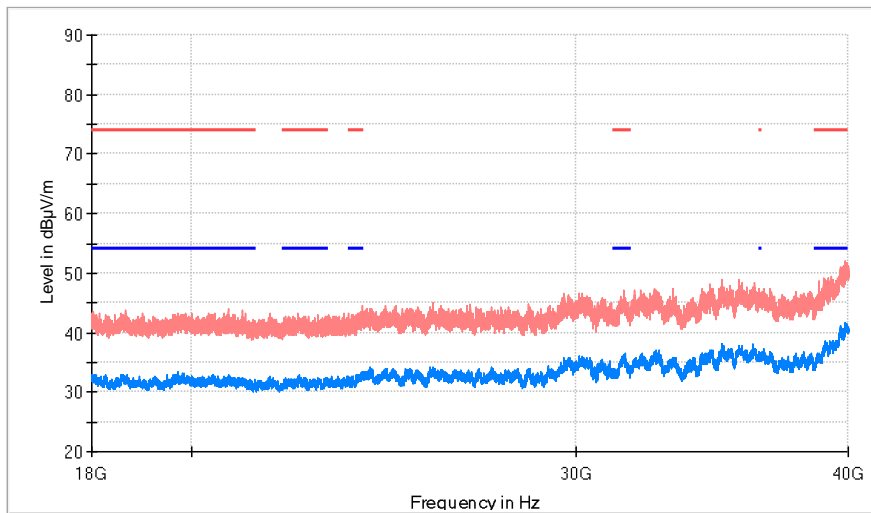
FREQUENCY RANGE 18 – 40 GHz

Lowest Channel



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

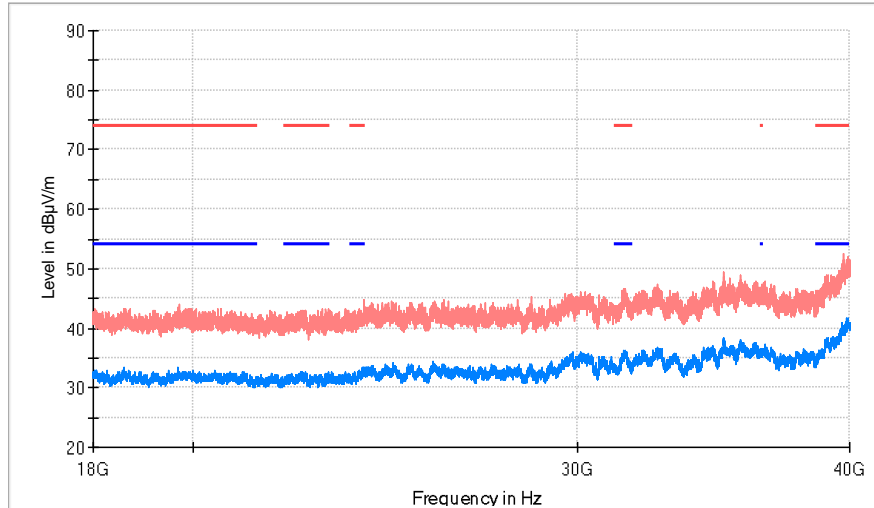
Middle Channel



- 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

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

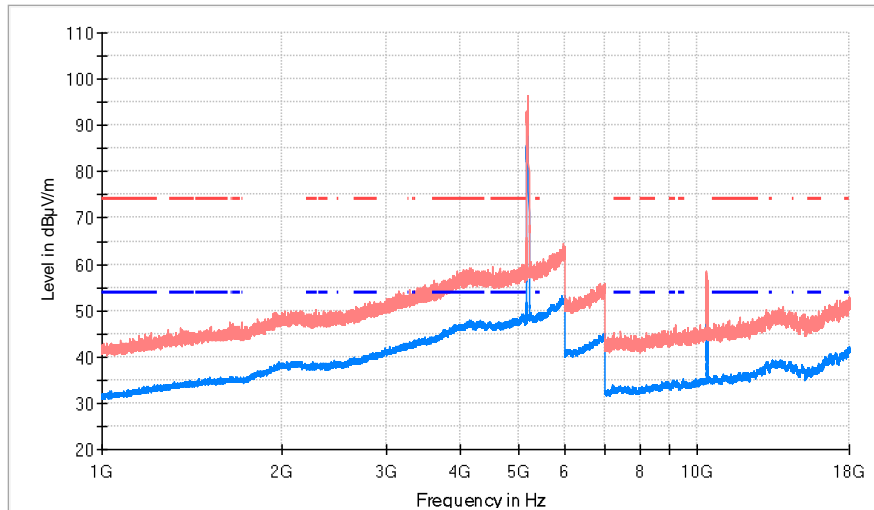
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#02 (n40 mode chip1 MIMO)
TEST RESULTS:	PASS

Frequency range 1 GHz – 40 GHz

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

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

Lowest Channel



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

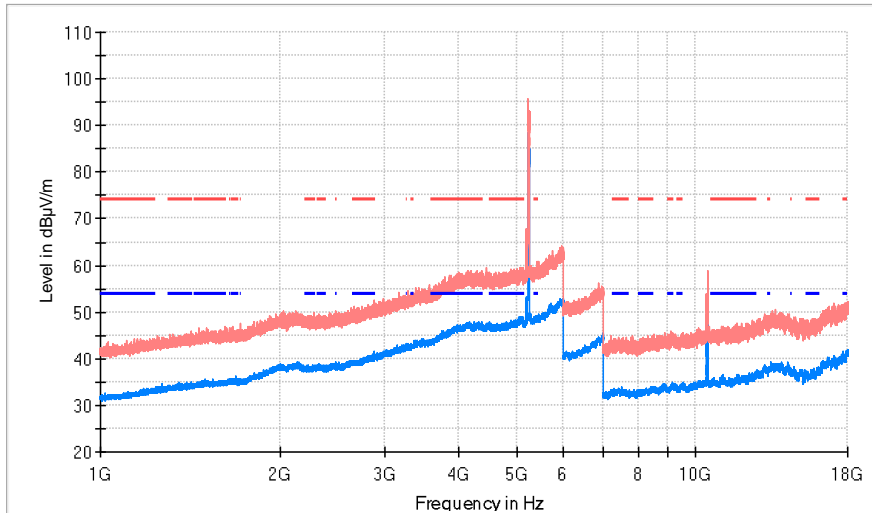
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5188.636364	96.2	87.4	H	142.0
10368.000000	58.5	48.2	V	141.0

TEST RESULTS (Cont.)

1 GHz – 18 GHz

Highest Channel



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

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Comment
5227.727273	95.8	87.2	H	126.0
10460.727273	59.0	48.7	V	142.0