

**TEST RESULTS (Cont.):**

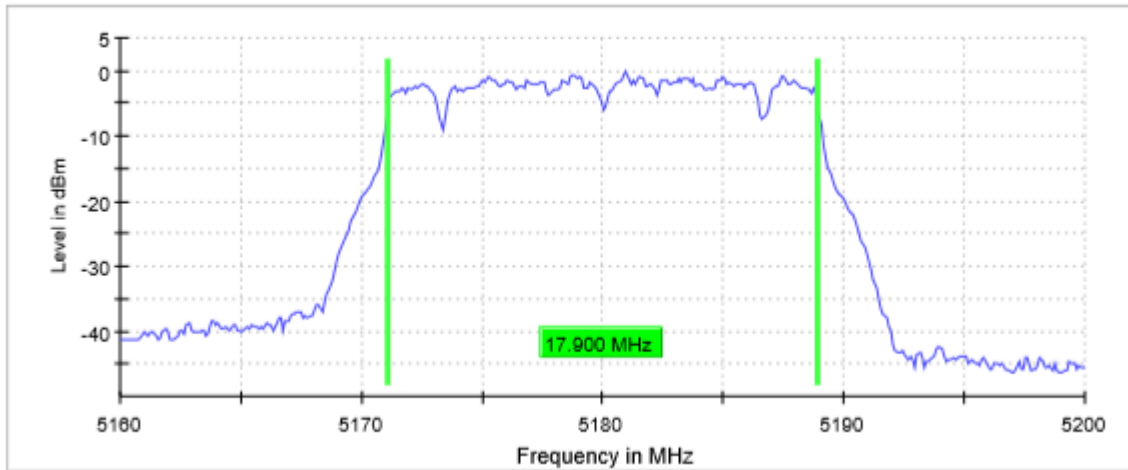
**Measurement**

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.16000 GHz	5.18000 GHz	5.22000 GHz
Stop Frequency	5.20000 GHz	5.22000 GHz	5.26000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 $\mu$ s	28.477 $\mu$ s	28.477 $\mu$ s
Reference Level	10.000 dBm	0.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	Off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	75 / max. 150	40 / max. 150	107 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.22 dB	0.11 dB

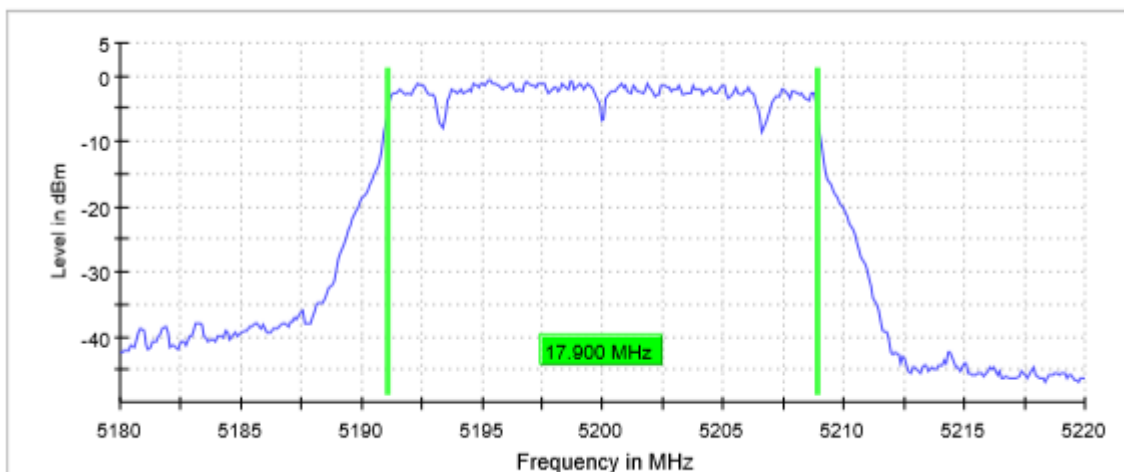
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

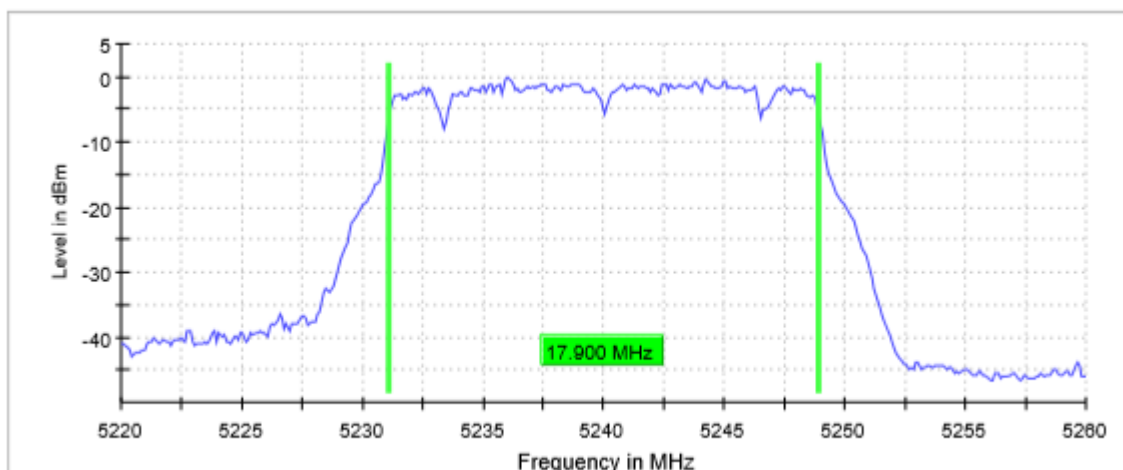
Lowest Channel



Middle Channel



Highest Channel

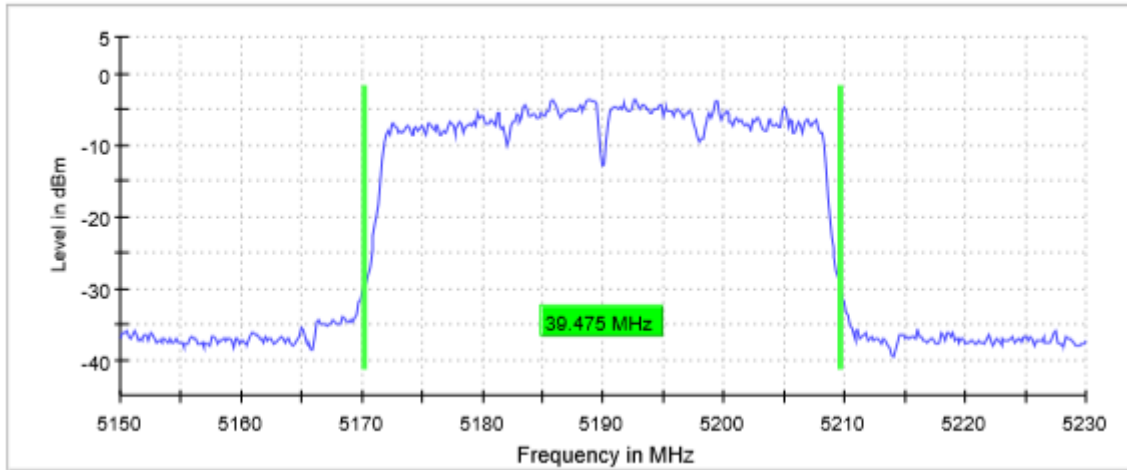


TEST RESULTS (Cont.)			
<b>Measurement</b>			
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.16000 GHz	5.18000 GHz	5.22000 GHz
Stop Frequency	5.20000 GHz	5.22000 GHz	5.26000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 KHz	200.000 KHz	200.000 KHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 $\mu$ s	28.477 $\mu$ s	28.477 $\mu$ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	62 / max. 150	94 / max. 150	116 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.13 dB	0.00 dB	0.07 dB
<b>TESTED SAMPLES:</b>		S/01	
<b>TESTED CONDITIONS MODES:</b>		TC#03 (ac40 mode Chip 1 SISO)	
<b>TEST RESULTS:</b>		PASS	
<b>Port 2</b>			
<b>Bandwidth: 40 MHz</b>			
	Lowest frequency	Highest frequency	
	5190 MHz	5230 MHz	
26dB Bandwidth (MHz)	39.475	39.325	
Occupied bandwidth (MHz)	36.500	36.250	
Measurement uncertainty (kHz)	<math>\pm 8.33</math>		

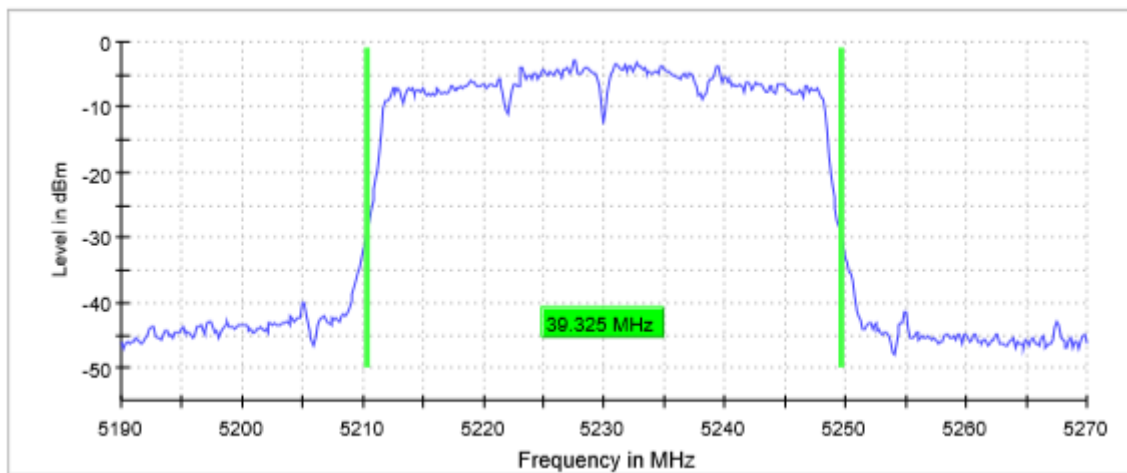
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Highest Channel



**TEST RESULTS (Cont.):**

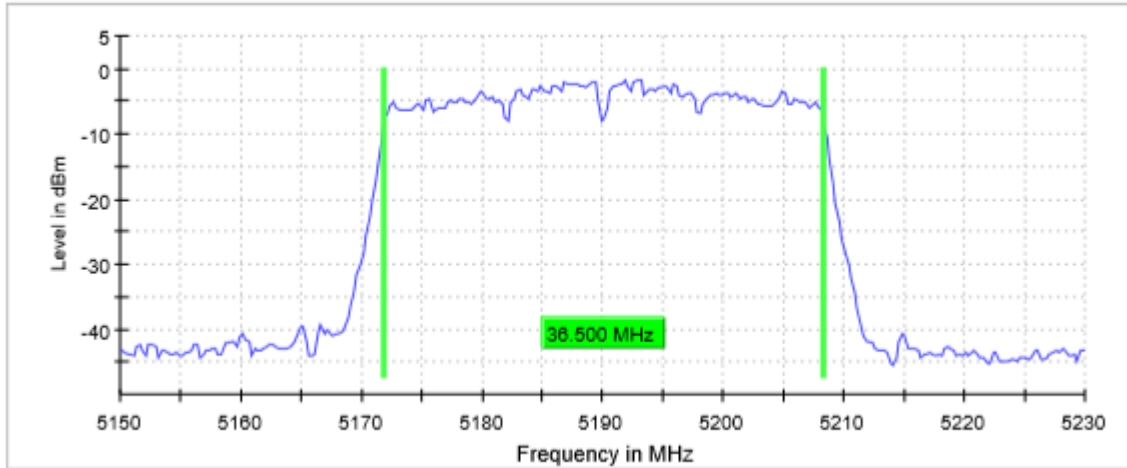
**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz
SweepPoints	533	533
Sweeptime	31.621 $\mu$ s	31.621 $\mu$ s
Reference Level	20.000 dBm	10.000 dBm
Attenuation	40.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	105 / max. 150	129 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

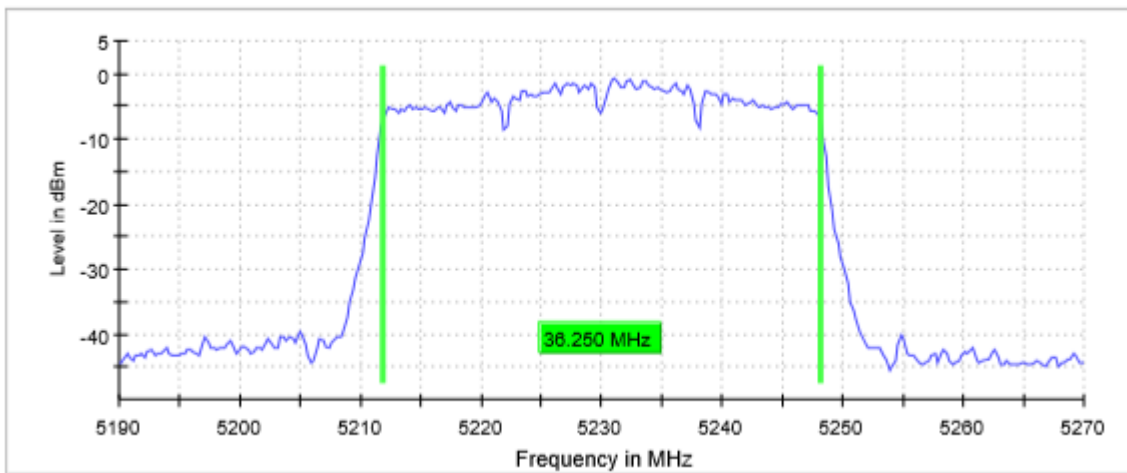
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



**TEST RESULTS (Cont.)**

**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 KHz	500.000 KHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	320	320
Sweeptime	18.906 $\mu$ s	18.906 $\mu$ s
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	66 / max. 150	106 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.17 dB	0.00 dB

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

**Port 4**

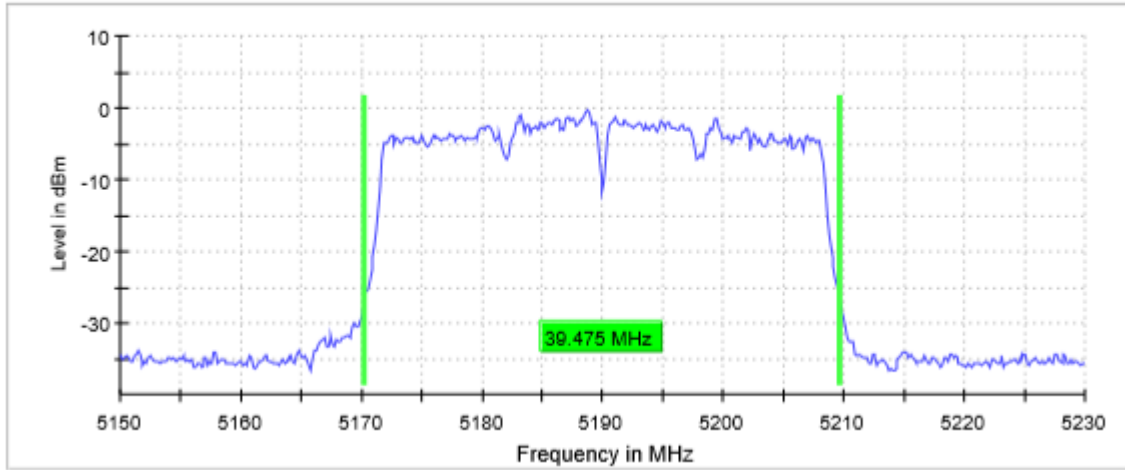
**Bandwidth: 40 MHz**

	Lowest frequency	Highest frequency
	5190 MHz	5230 MHz
26dB Bandwidth (MHz)	39.475	39.325
Occupied bandwidth (MHz)	36.250	36.250
Measurement uncertainty (kHz)	<math>\pm 8.33</math>	

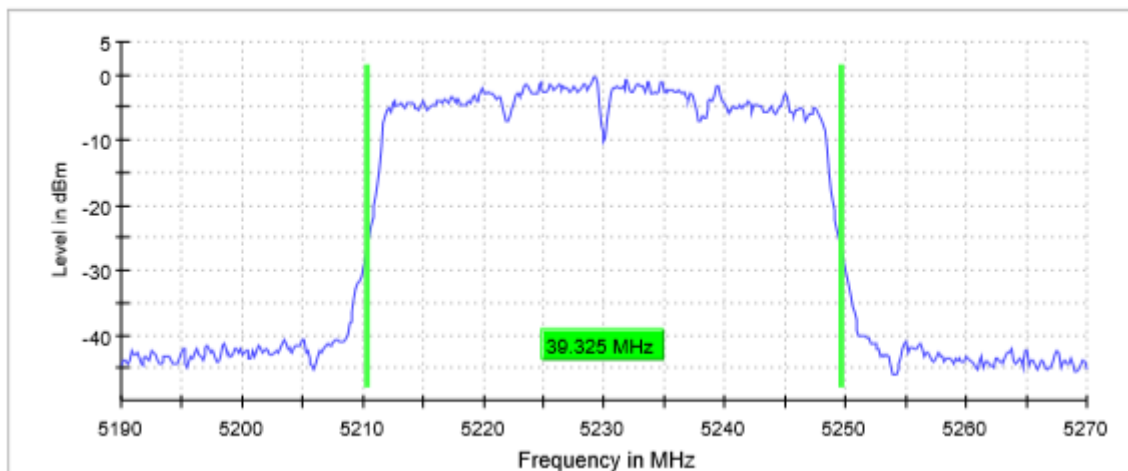
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Highest Channel





**TEST RESULTS (Cont.):**

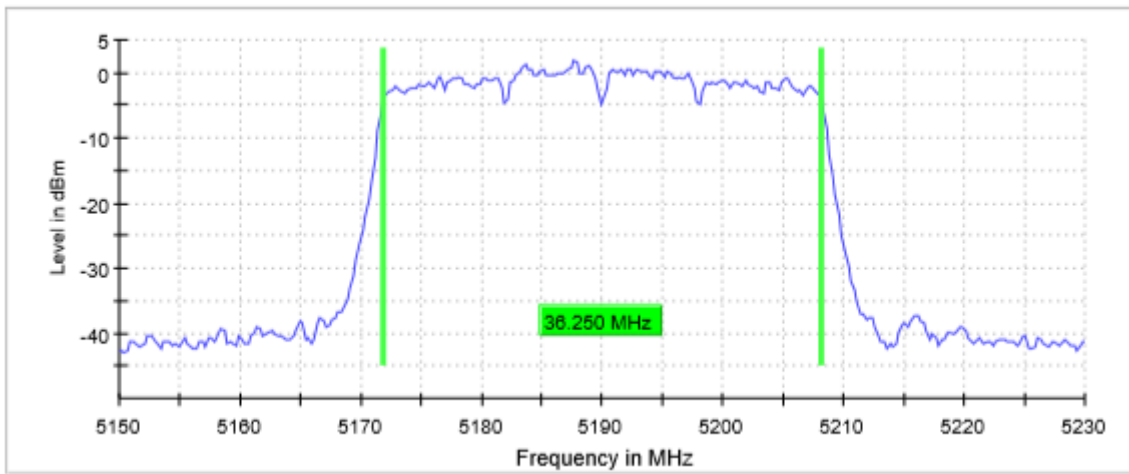
**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz
SweepPoints	533	533
Sweeptime	31.621 $\mu$ s	31.621 $\mu$ s
Reference Level	10.000 dBm	00.000 dBm
Attenuation	30.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	79 / max. 150	97 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.18 dB	0.27 dB

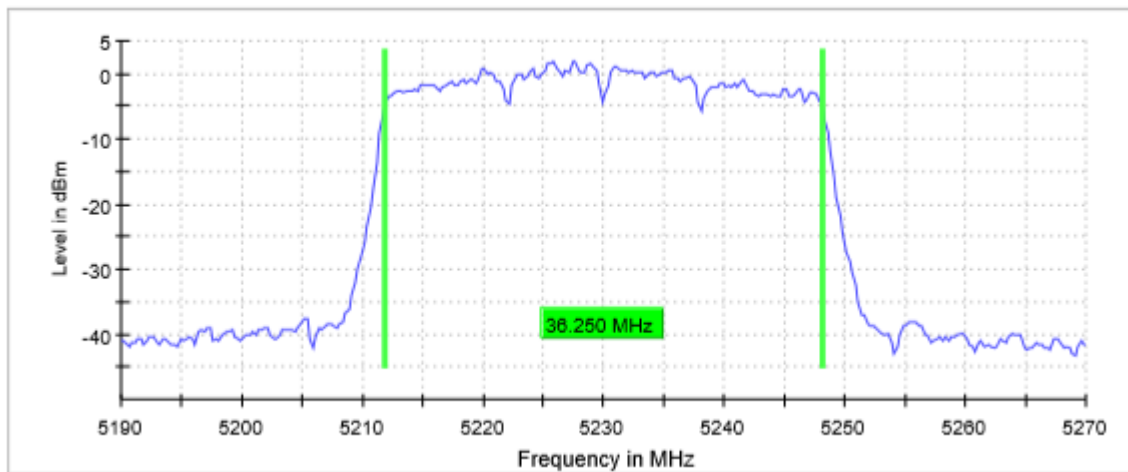
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



**TEST RESULTS (Cont.)**

**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 KHz	500.000 KHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	320	320
Sweeptime	18.906 $\mu$ s	18.906 $\mu$ s
Reference Level	00.000 dBm	00.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	58 / max. 150	89 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

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

**Port 1 & 2**

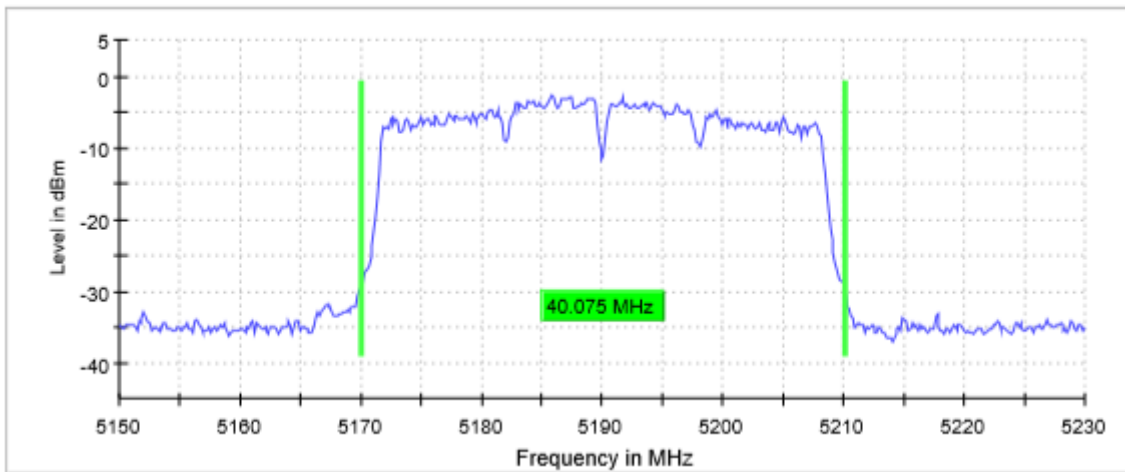
**Bandwidth: 20 MHz**

	Lowest frequency	Highest frequency
	5190 MHz	5230 MHz
26dB Bandwidth (MHz)	40.075	39.325
Occupied bandwidth (MHz)	36.250	36.250
Measurement uncertainty (kHz)	< $\pm$ 8.33	

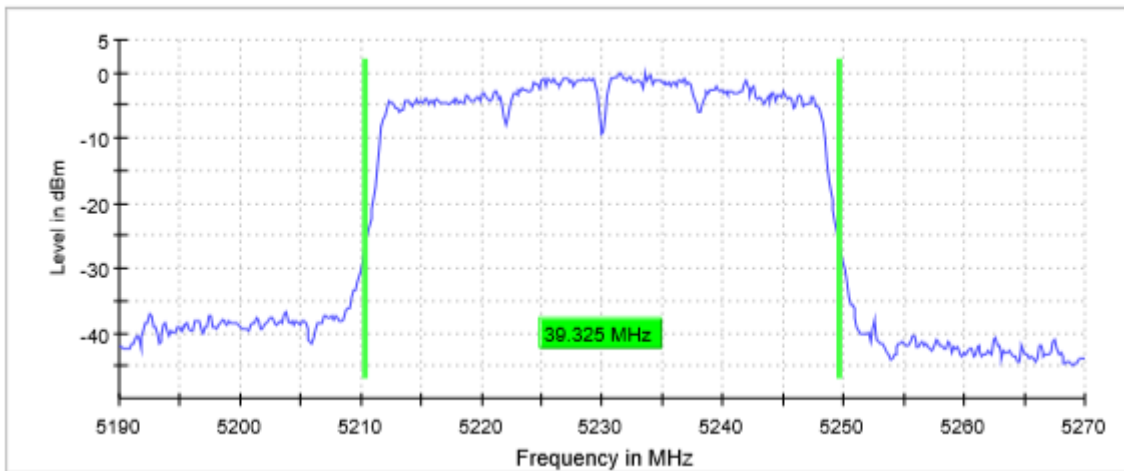
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Highest Channel



**TEST RESULTS (Cont.):**

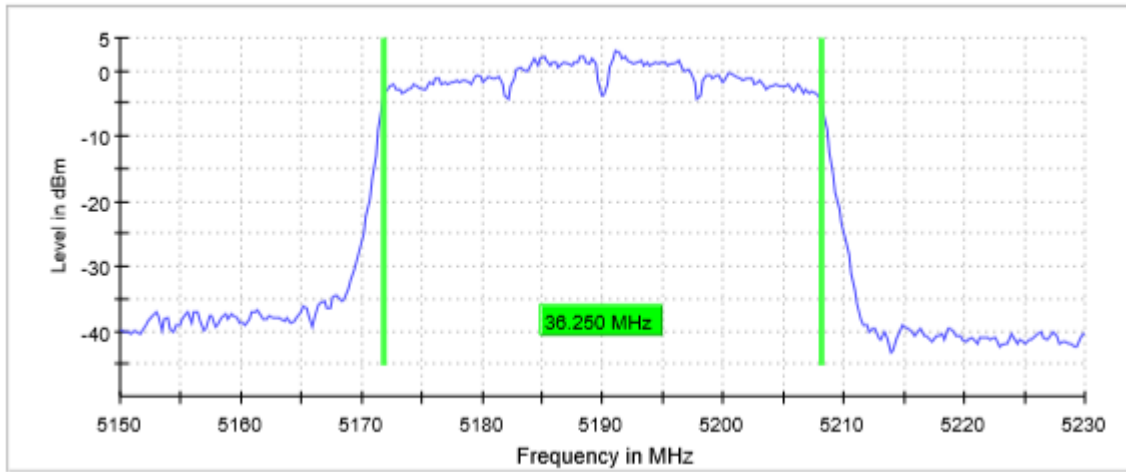
**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz
SweepPoints	533	533
Sweeptime	31.621 $\mu$ s	31.621 $\mu$ s
Reference Level	10.000 dBm	00.000 dBm
Attenuation	30.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	100 / max. 150	124 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.22 dB	0.09 dB

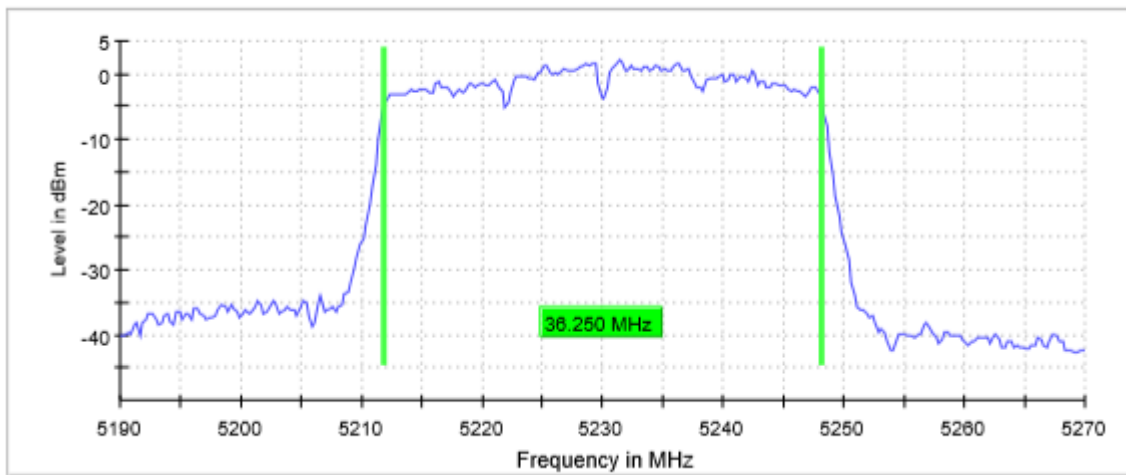
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



**TEST RESULTS (Cont.)**

**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 KHz	500.000 KHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	320	320
Sweeptime	18.906 $\mu$ s	18.906 $\mu$ s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	93 / max. 150	81 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

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

**Port 3 & 4**

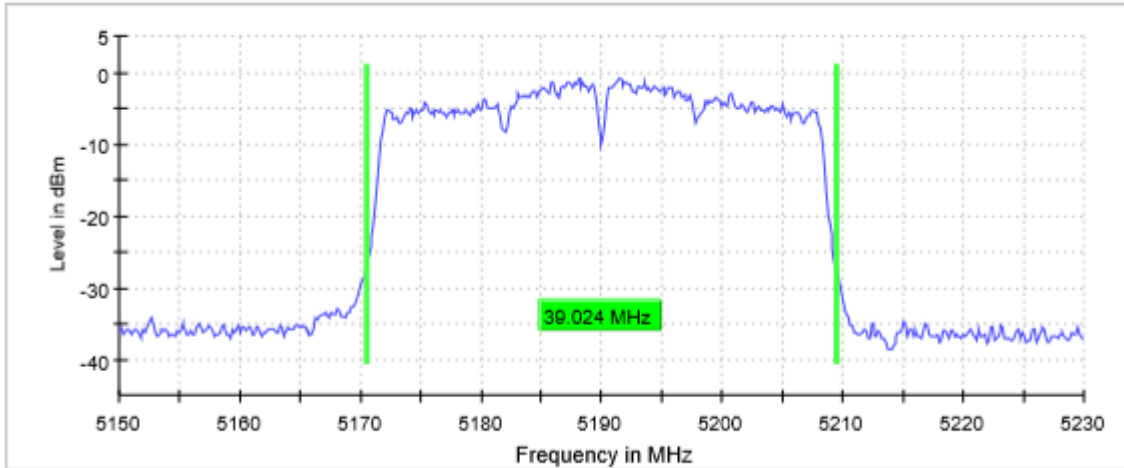
**Bandwidth: 40 MHz**

	Lowest frequency	Highest frequency
	5190 MHz	5230 MHz
26dB Bandwidth (MHz)	39.024	39.174
Occupied bandwidth (MHz)	36.250	36.250
Measurement uncertainty (kHz)	< $\pm$ 8.33	

TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



Highest Channel





**TEST RESULTS (Cont.):**

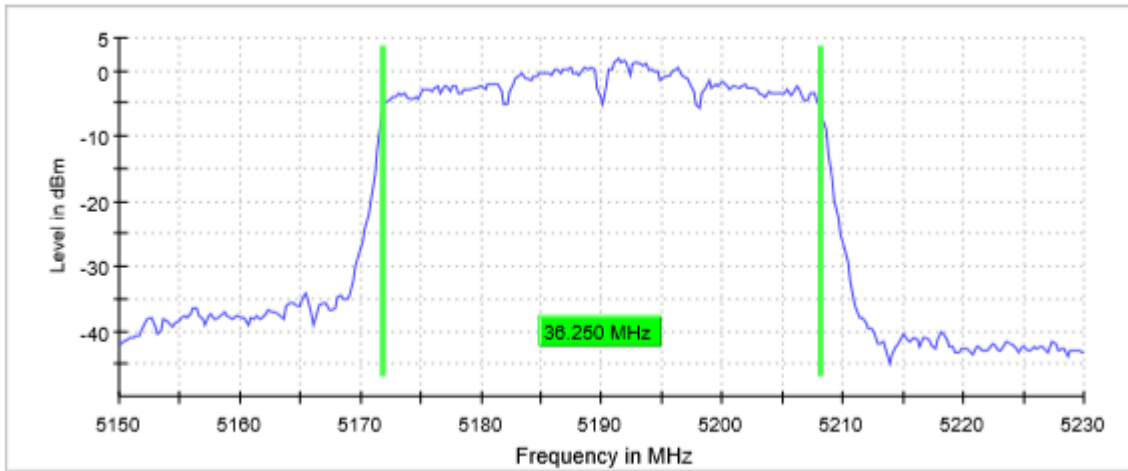
**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 KHz	300.000 KHz
VBW	1.000 MHz	1.000 MHz
SweepPoints	533	533
Sweeptime	31.621 $\mu$ s	31.621 $\mu$ s
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	Off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	110 / max. 150	93 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.04 dB

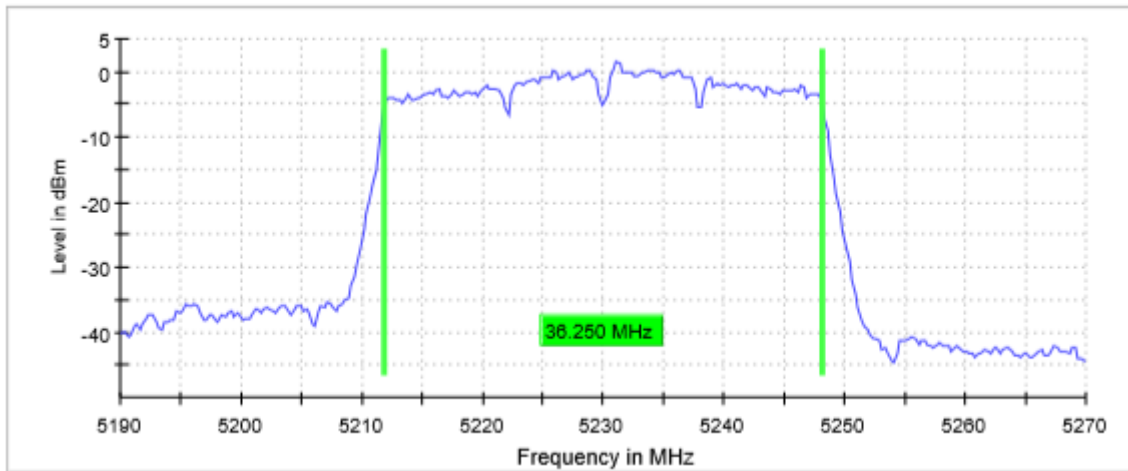
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



**TEST RESULTS (Cont.)**

**Measurement**

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 KHz	500.000 KHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	320	320
Sweeptime	18.906 $\mu$ s	18.906 $\mu$ s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	89 / max. 150	119 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.23 dB	0.00 dB

<b>TESTED SAMPLES:</b>	S/01
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<b>TESTED CONDITIONS MODES:</b>	TC#03 (ac80 mode Chip 1 SISO)
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<b>TEST RESULTS:</b>	PASS
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**Port 2**

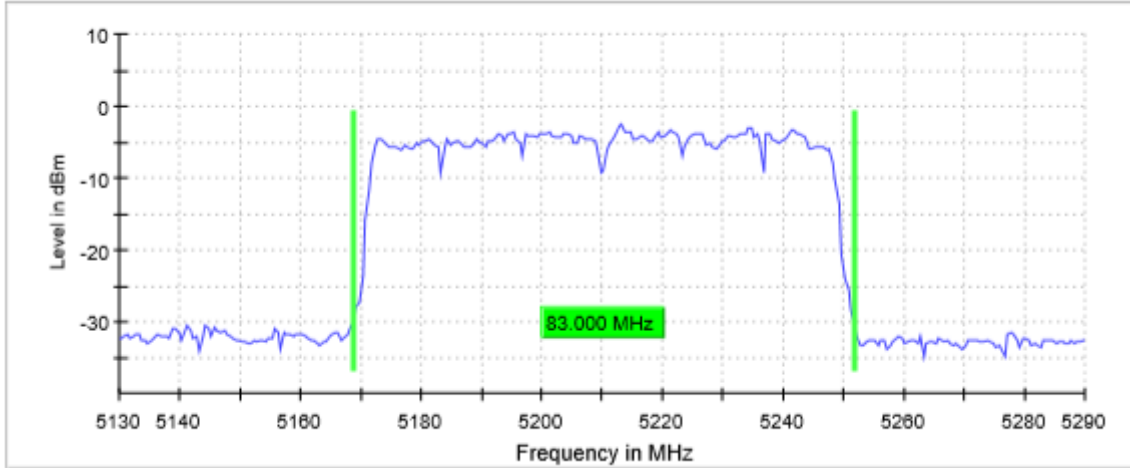
**Bandwidth: 80 MHz**

	Lowest frequency 5210 MHz
26dB Bandwidth (MHz)	83.000
Occupied bandwidth (MHz)	76.500
Measurement uncertainty (kHz)	< $\pm$ 8.33

**TEST RESULTS (Cont.):**

**26 dB BANDWIDTH**

**Lowest Channel**



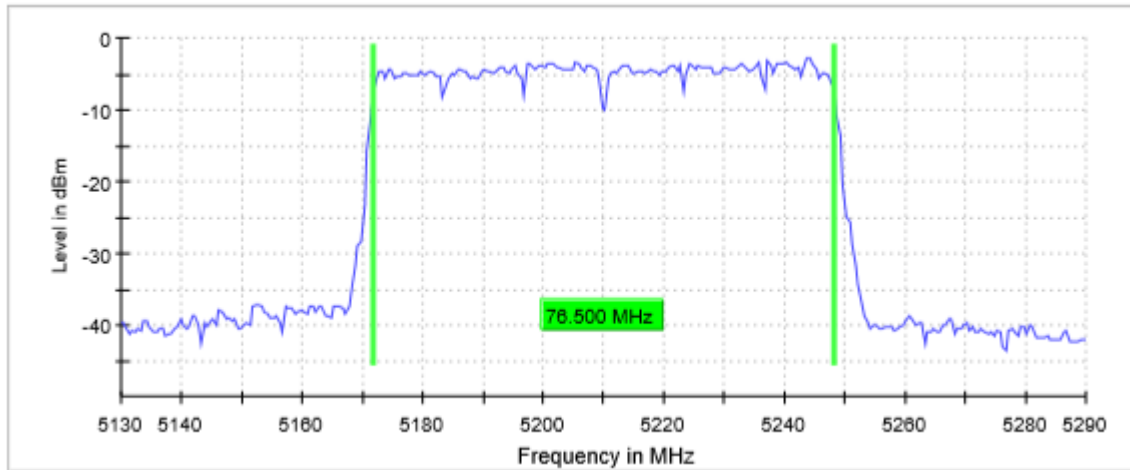
**Measurement**

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	320
Sweeptime	22.875 $\mu$ s
Reference Level	20.000 dBm
Attenuation	40.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	59 / max. 150
Stable	5 / 5
Max Stable Difference	0.00 dB

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Measurement**

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	320
Sweeptime	22.875 $\mu$ s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	77 / max. 150
Stable	5 / 5
Max Stable Difference	0.18 dB

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

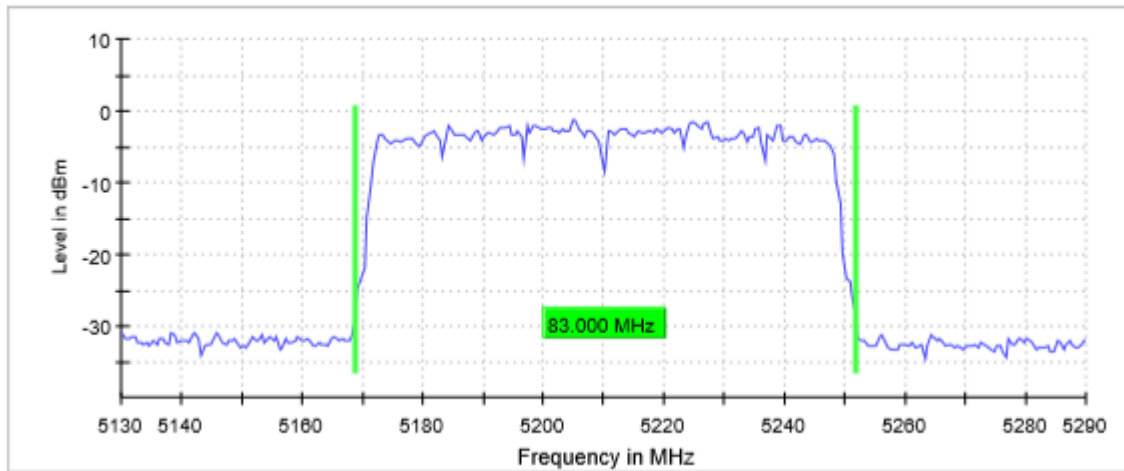
Port 4

Bandwidth: 80 MHz

	Lowest frequency 5210 MHz
26dB Bandwidth (MHz)	83.000
Occupied bandwidth (MHz)	76.500
Measurement uncertainty (kHz)	<± 8.33

<b>TEST RESULTS (Cont.):</b>	<b>26 dB BANDWIDTH</b>
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Lowest Channel



**TEST RESULTS (Cont.):**

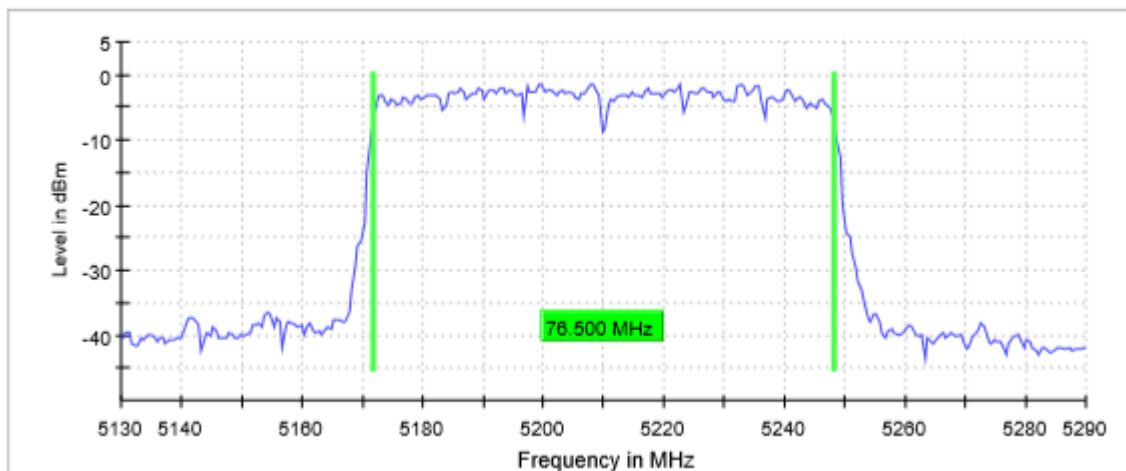
**Measurement**

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	1600.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	320
Sweeptime	21.875 $\mu$ s
Reference Level	20.000 dBm
Attenuation	40.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	86 / max. 150
Stable	5 / 5
Max Stable Difference	0.12 dB

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**TEST RESULTS (Cont.)**

**Measurement**

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	320
Sweeptime	22.875 $\mu$ s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	54 / max. 150
Stable	5 / 5
Max Stable Difference	0.14 dB

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

**Port 1 & 2**

**Bandwidth: 80 MHz**

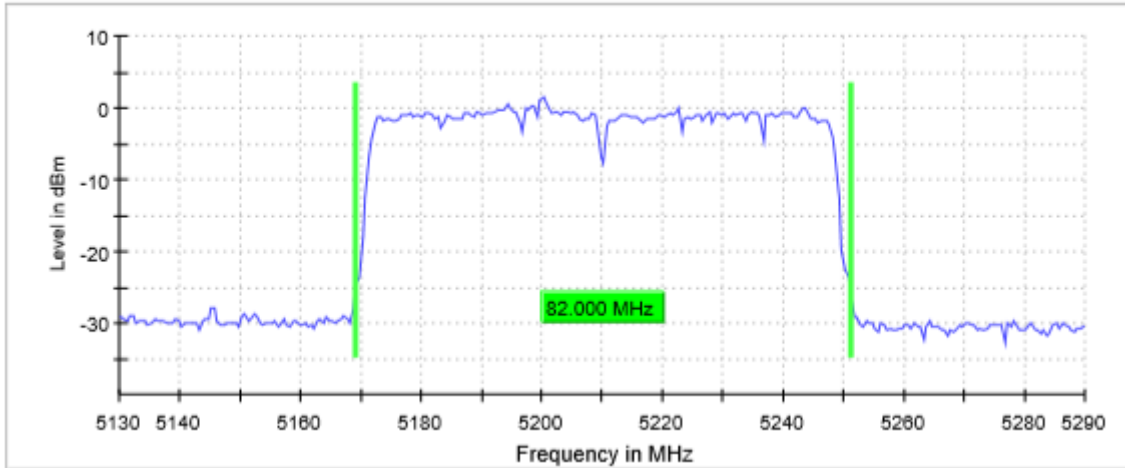
	Lowest frequency 5210 MHz
26dB Bandwidth (MHz)	82.000
Occupied bandwidth (MHz)	76.500
Measurement uncertainty (kHz)	< $\pm$ 8.33



**TEST RESULTS (Cont.):**

**26 dB BANDWIDTH**

**Lowest Channel**

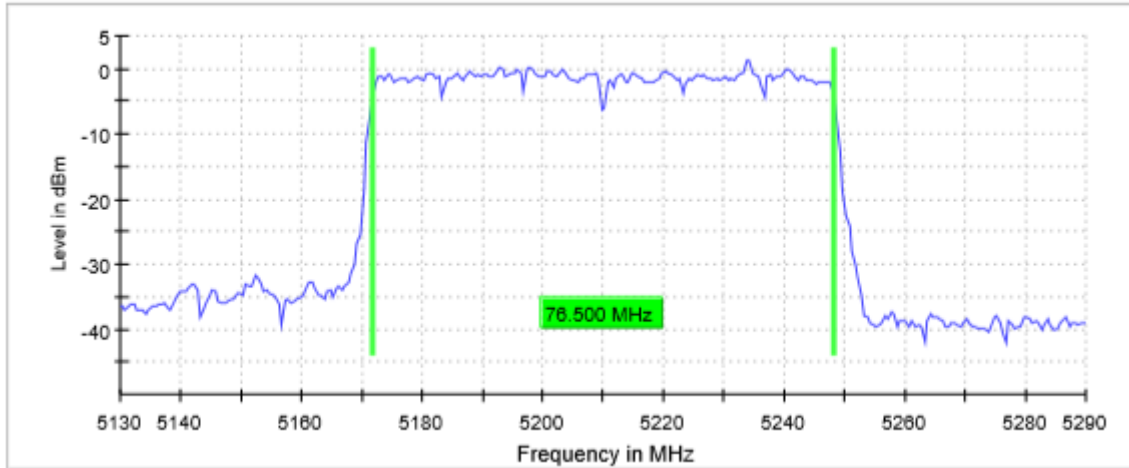


**Measurement**

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	320
Sweeptime	22.875 $\mu$ s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	84 / max. 150
Stable	5 / 5
Max Stable Difference	0.08 dB

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



**Measurement**

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	320
Sweeptime	22.875 $\mu$ s
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	53 / max. 150
Stable	5 / 5
Max Stable Difference	0.24 dB

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

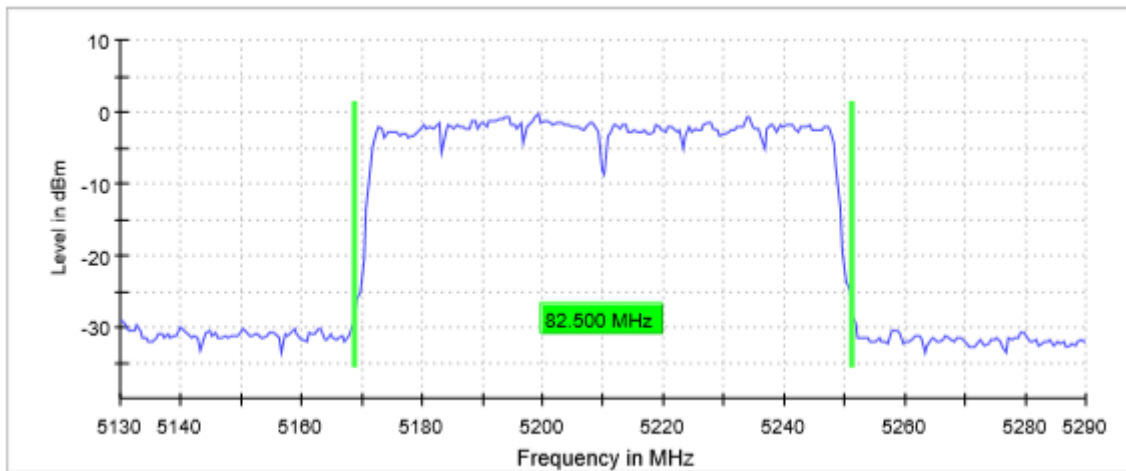
Port 3 & 4

Bandwidth: 80 MHz

	Lowest frequency 5210 MHz
26dB Bandwidth (MHz)	82.500
Occupied bandwidth (MHz)	76.500
Measurement uncertainty (kHz)	<± 8.33

<b>TEST RESULTS (Cont.):</b>	<b>26 dB BANDWIDTH</b>
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Lowest Channel



**TEST RESULTS (Cont.):**

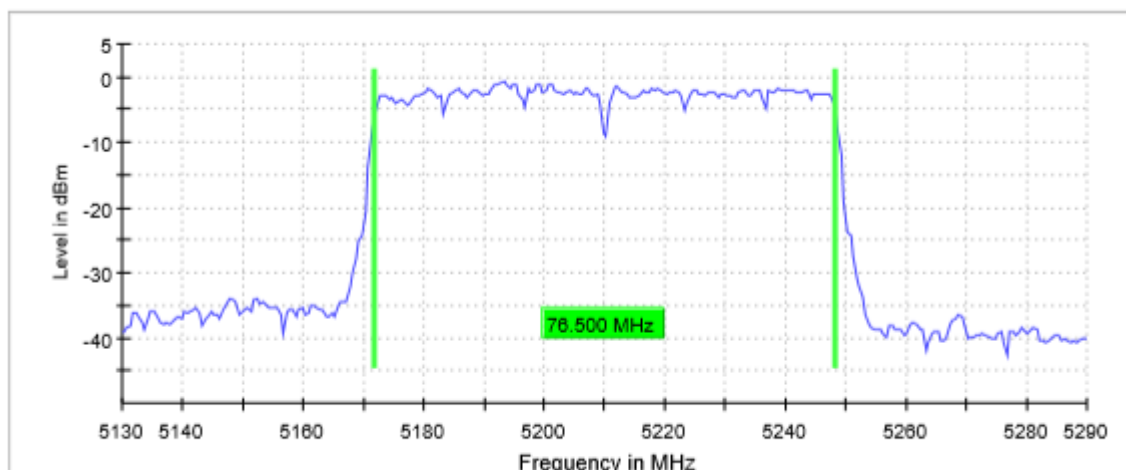
**Measurement**

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	320
Sweeptime	22.875 $\mu$ s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
SweepType	FFT
Preamp	Off
Stablemode	Trace
Stablevalue	0.30 dB
Run	115 / max. 150
Stable	5 / 5
Max Stable Difference	0.00 dB

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**TEST RESULTS (Cont.)**

**Measurement**

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	1600.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	320
Sweeptime	22.875 $\mu$ s
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamp	off
Stablemode	Trace
Stablevalue	0.30 dB
Run	101 / max. 150
Stable	5 / 5
Max Stable Difference	0.15 dB

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

<b>LIMITS:</b>	Product standard:	Part 15 Subpart C §15.407, KDB 662911 D01 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (4), KDB 662911 D01 E (1) and RSS-247 6.2.1.1

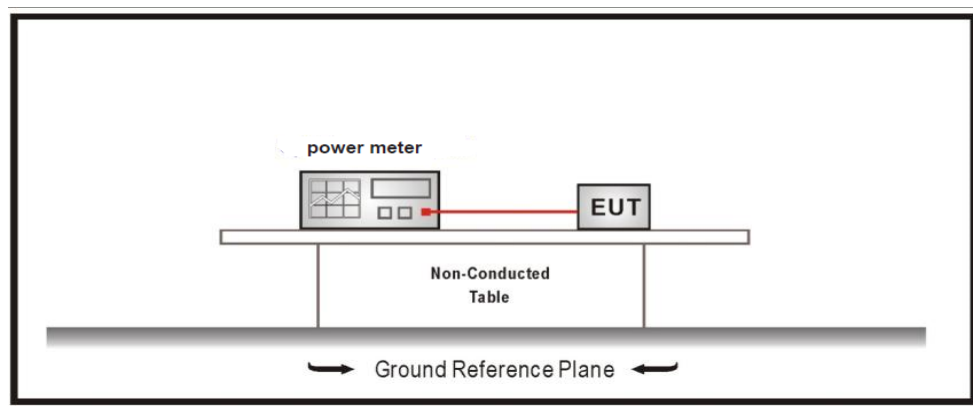
### LIMITS

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



For MIMO: The measured values from the two ports were summed by using the measure-and-sum technique in E) 1) of KDB 662911 D01 Multiple Transmitter Output v02r01 and based on two ports, port 1 and 2 (or port 3 and 4) transmitting at the same time in the 2X2 MIMO mode.

<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#01 (a mode Chip 1 SISO)
<b>TEST RESULTS:</b>	PASS

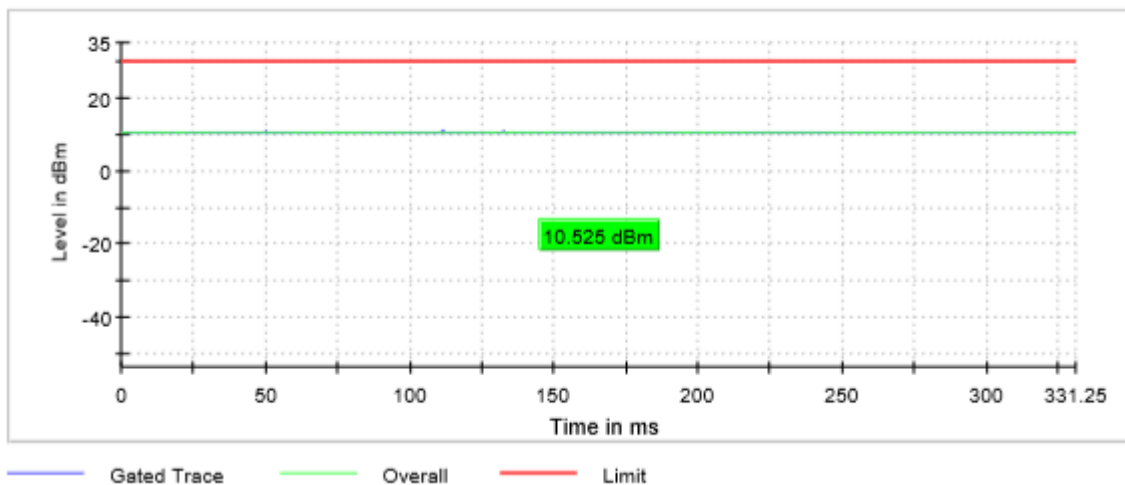
**Port 2**

**Maximum declared antenna gain: +4.5 dBi**

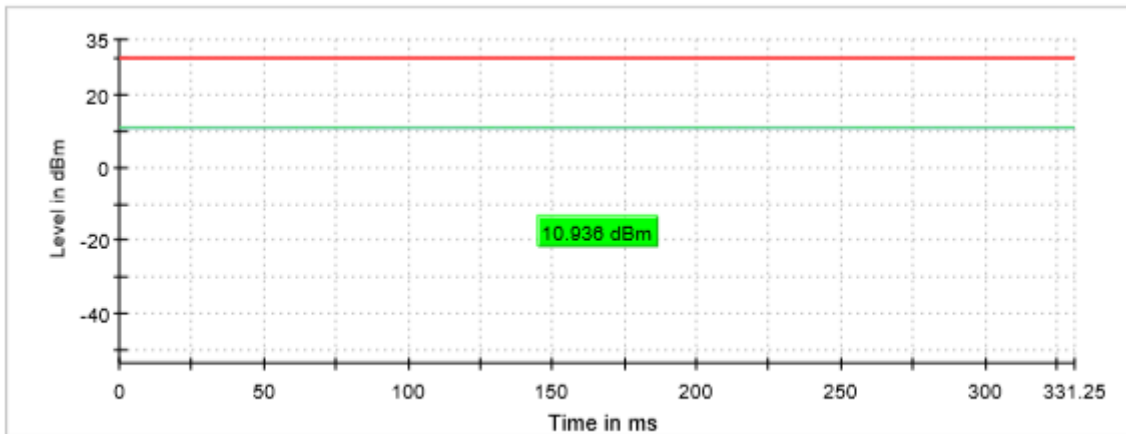
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power(dBm)	10.5	10.9	10.7
Maximum EIRP power(dBm)	15.0	15.4	15.2
Measurement uncertainty (kHz)	<± 0.78		

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

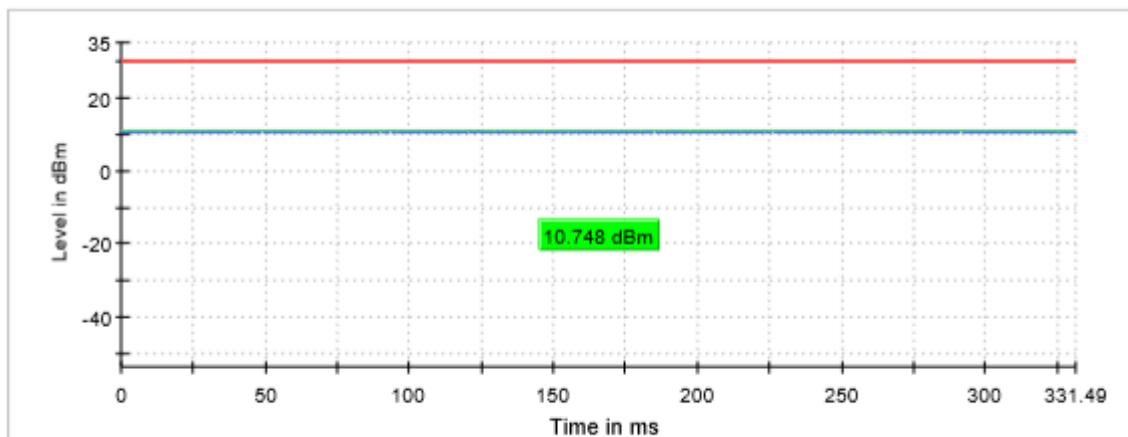


### Middle Channel



— Gated Trace    — Overall    — Limit

### Highest Channel



— Gated Trace    — Overall    — Limit



<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#01 (a mode Chip 2 SISO)
<b>TEST RESULTS:</b>	PASS

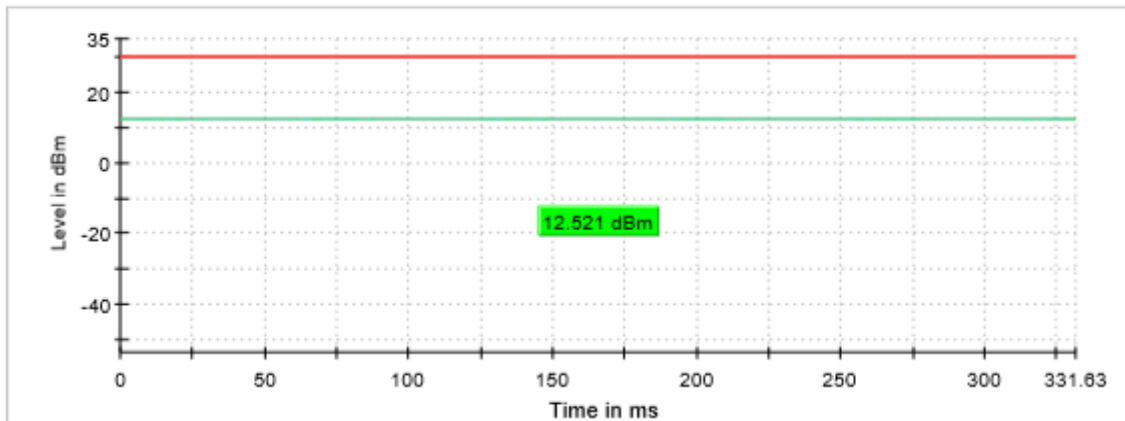
**Port 4**

**Maximum declared antenna gain: +4.5 dBi**

	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power(dBm)	12.5	12.5	12.1
Maximum EIRP power(dBm)	17.0	17.0	17.1
Measurement uncertainty (kHz)	<± 0.78		

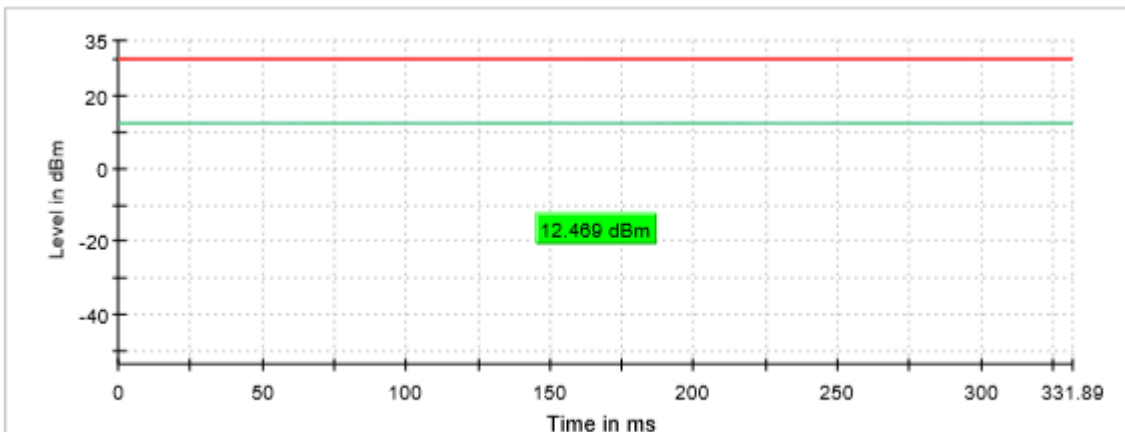
<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**



— Gated Trace — Overall — Limit

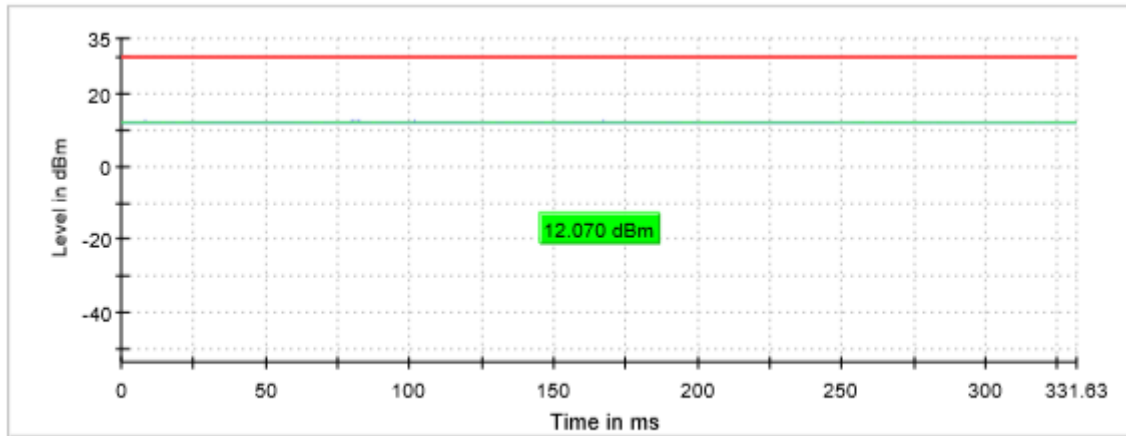
**Middle Channel**



— Gated Trace — Overall — Limit

TEST RESULTS (Cont.):

Highest Channel



— Gated Trace    — Overall    — Limit

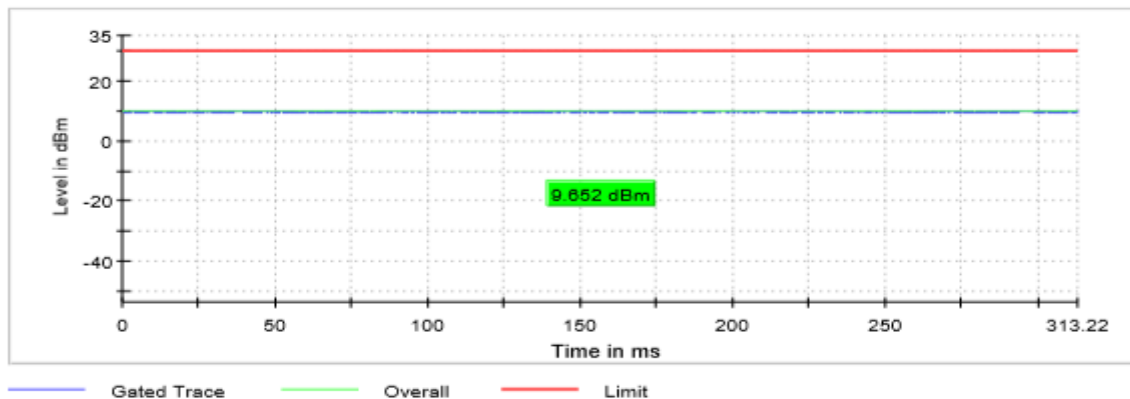
<b>TEST RESULTS (Cont.):</b>	
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n20 mode Chip 1 SISO)
<b>TEST RESULTS:</b>	PASS

**Port 2**

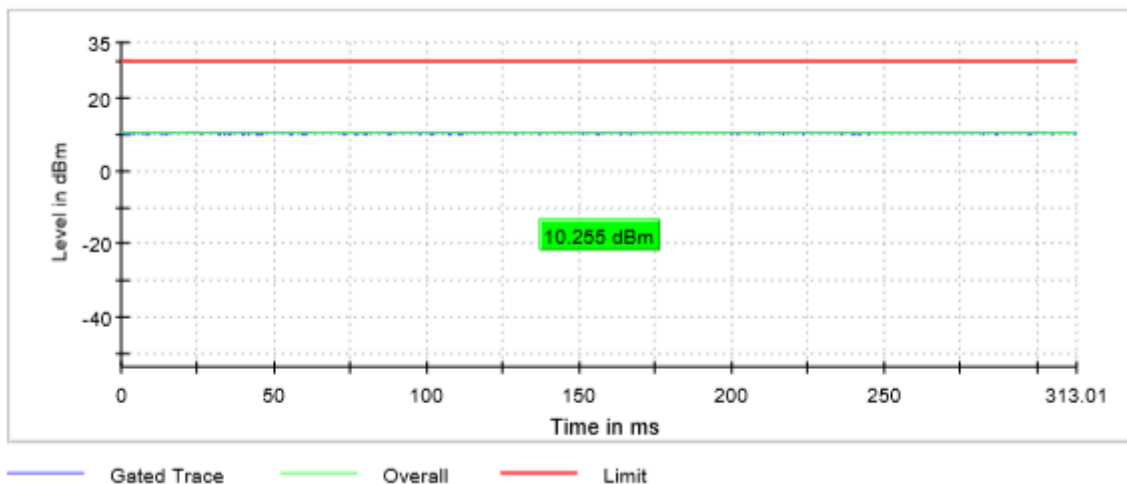
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Maximum conducted power(dBm)	9.7	10.3	10.2
Maximum EIRP power(dBm)	14.2	14.8	14.7
Measurement uncertainty (kHz)	<± 0.78		

**Lowest Channel**



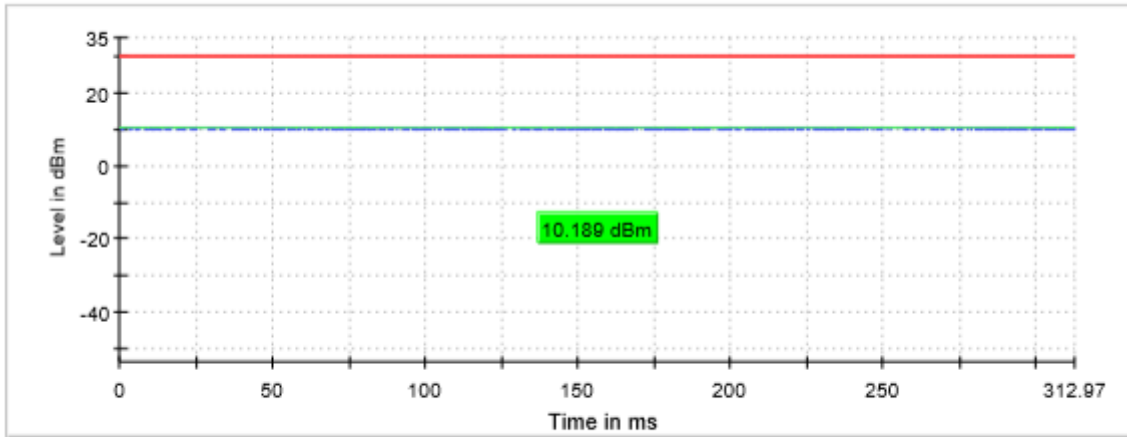
**Middle Channel**



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



— Gated Trace — Overall — Limit

<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n20 mode Chip 2 SISO)
<b>TEST RESULTS:</b>	PASS

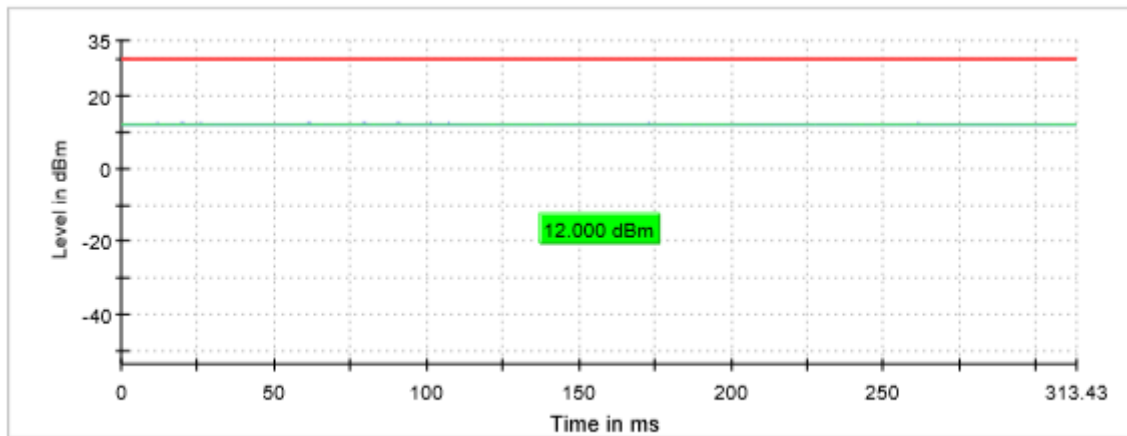
**Port 4**

**Maximum declared antenna gain: 4.5 dBi**

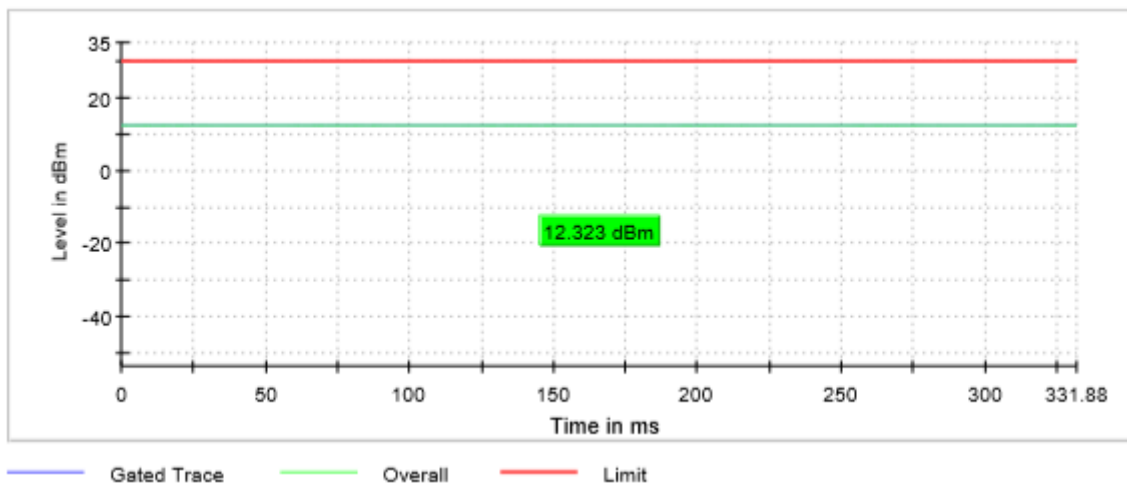
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power(dBm)	12.0	12.3	12.0
Maximum EIRP power(dBm)	16.5	16.8	16.5
Measurement uncertainty (kHz)	<± 0.78		

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

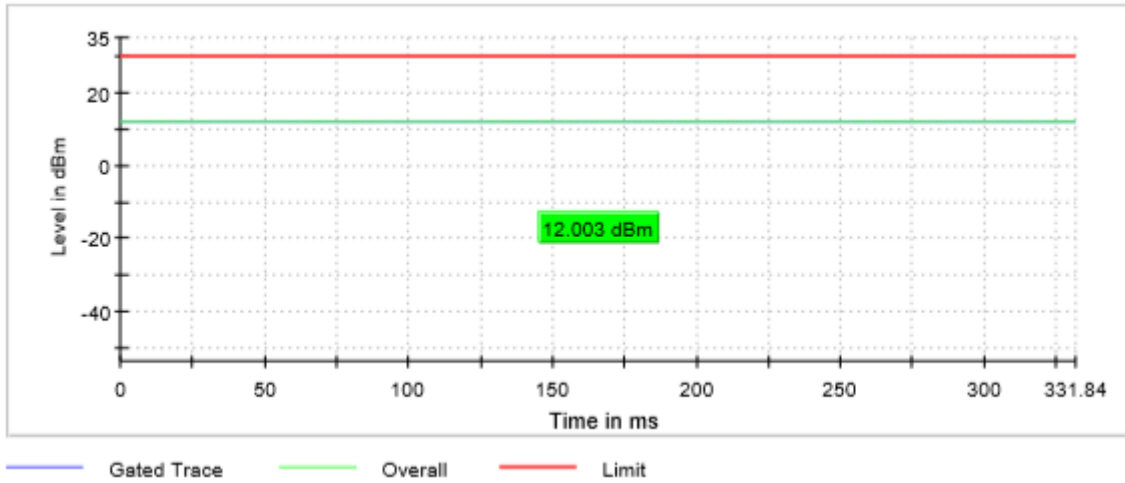


**Middle Channel**



**TEST RESULTS (Cont.):**

**Highest Channel**



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

**Port 1 & 2**

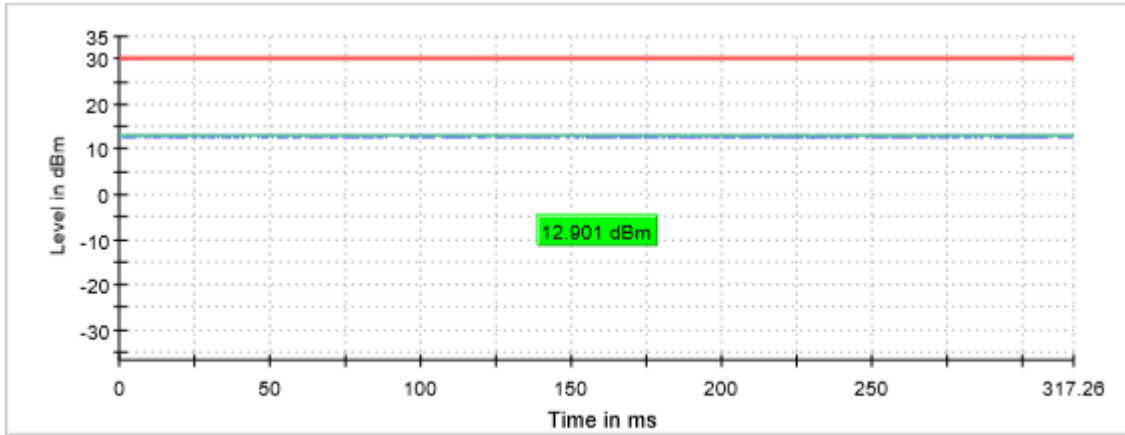
**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power(dBm)	12.9	12.7	13.0
Maximum EIRP power(dBm)	17.4	17.2	17.5
Measurement uncertainty (kHz)	<± 0.78		

TEST RESULTS (Cont.):

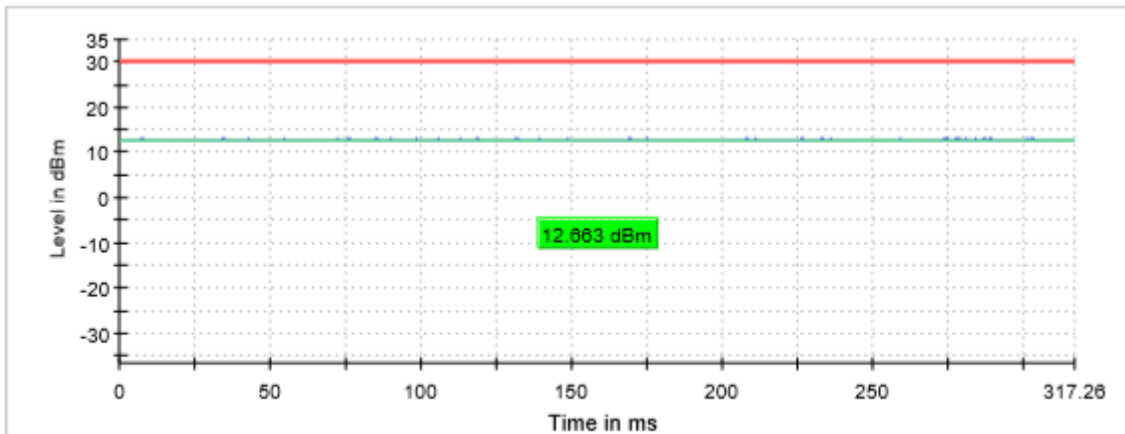
CONDUCTED OUTPUT POWER

Lowest Channel



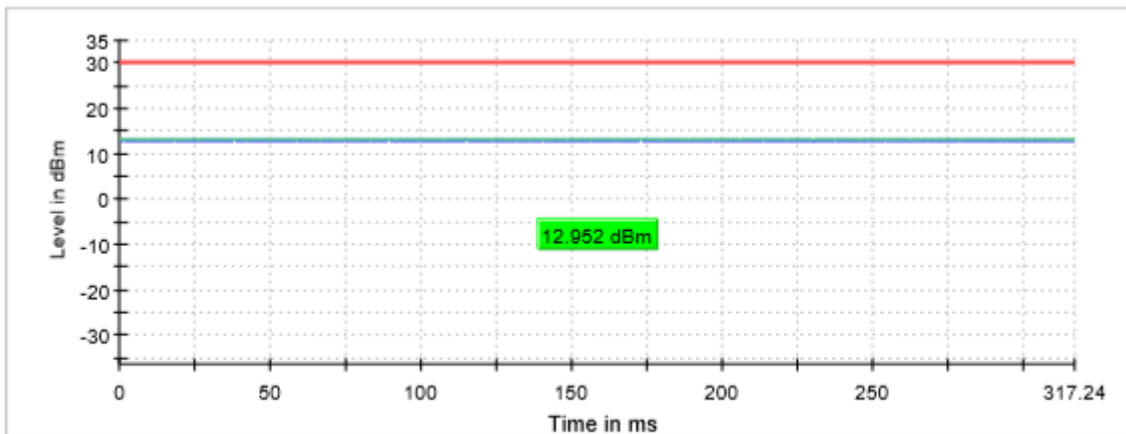
— Gated Trace — Overall — Limit

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 (n20 mode Chip 2 MIMO)
<b>TEST RESULTS:</b>	PASS

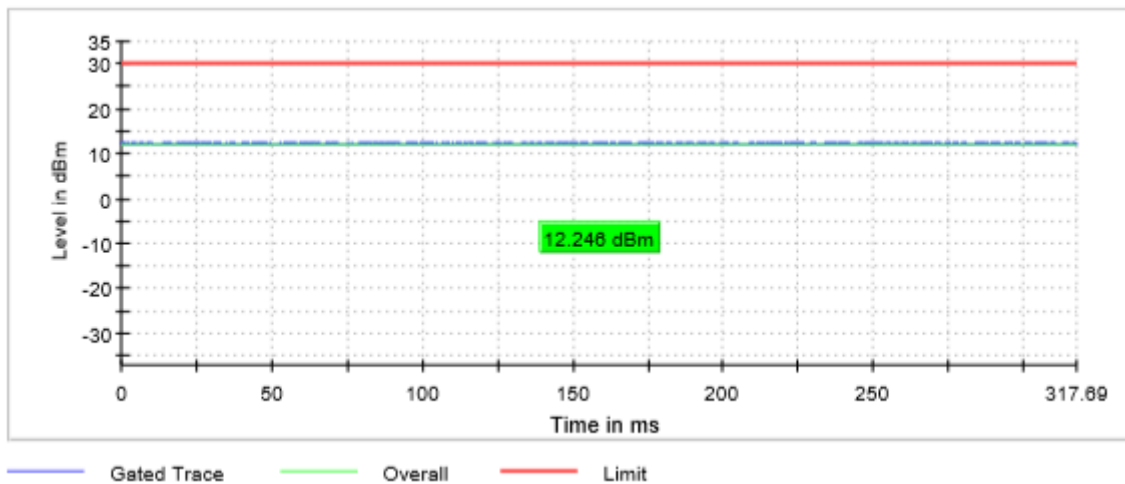
**Port 3 & 4**

**Maximum declared antenna gain: +4.5 dBi**

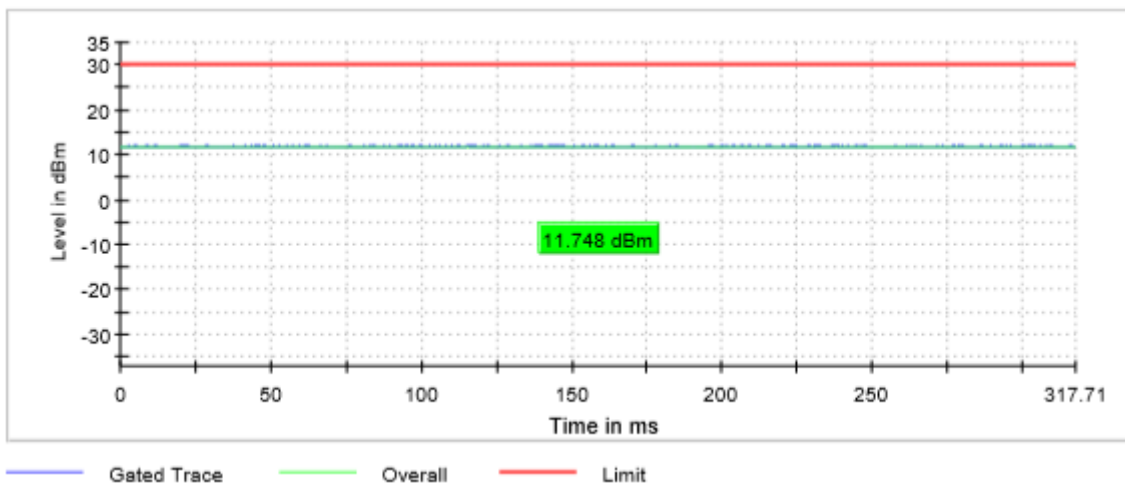
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power(dBm)	12.2	11.7	12.0
Maximum EIRP power(dBm)	16.7	16.2	16.5
Measurement uncertainty (kHz)	<± 0.78		

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



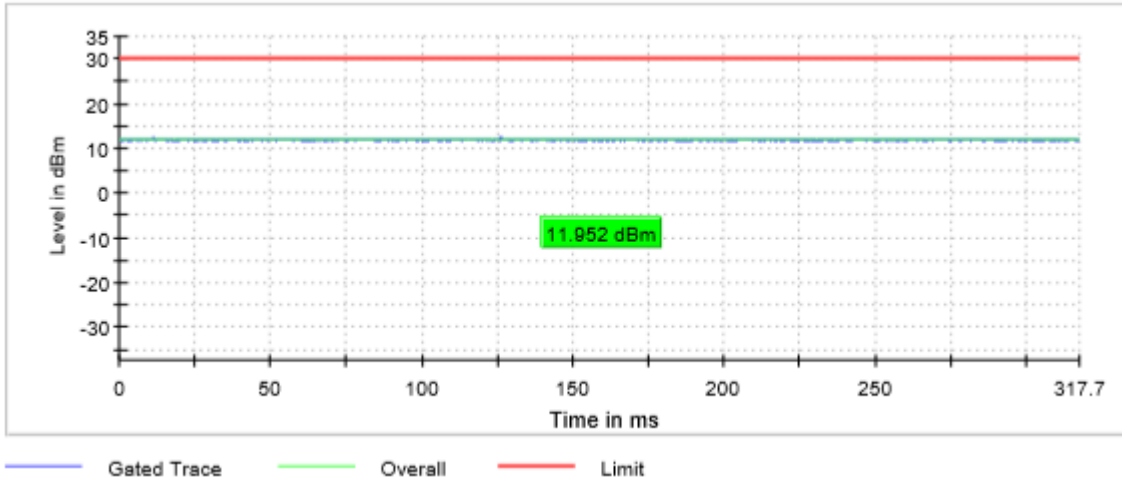
**Middle Channel**





**TEST RESULTS (Cont.):**

**Highest Channel**



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

**Port 2**

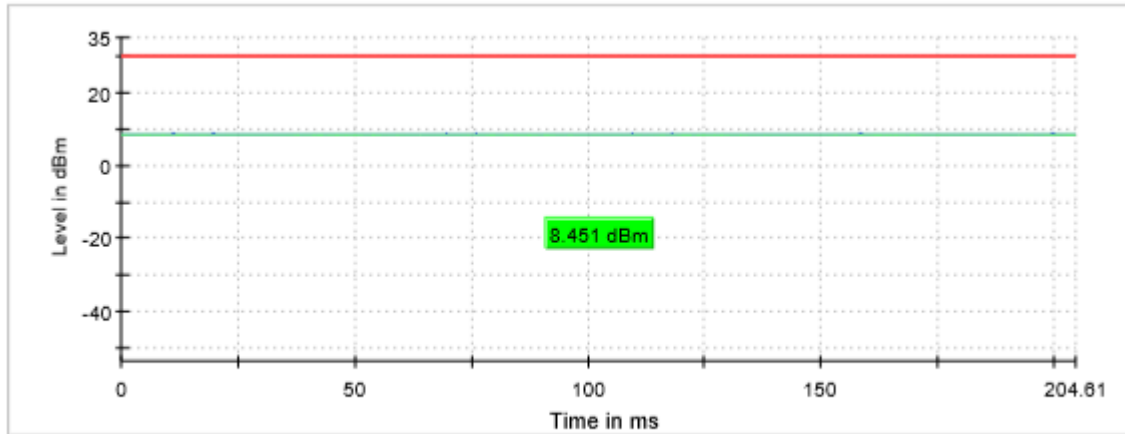
**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power(dBm)	8.5	8.5
Maximum EIRP power(dBm)	13.0	13.0
Measurement uncertainty (kHz)	<± 0.78	

TEST RESULTS (Cont.):

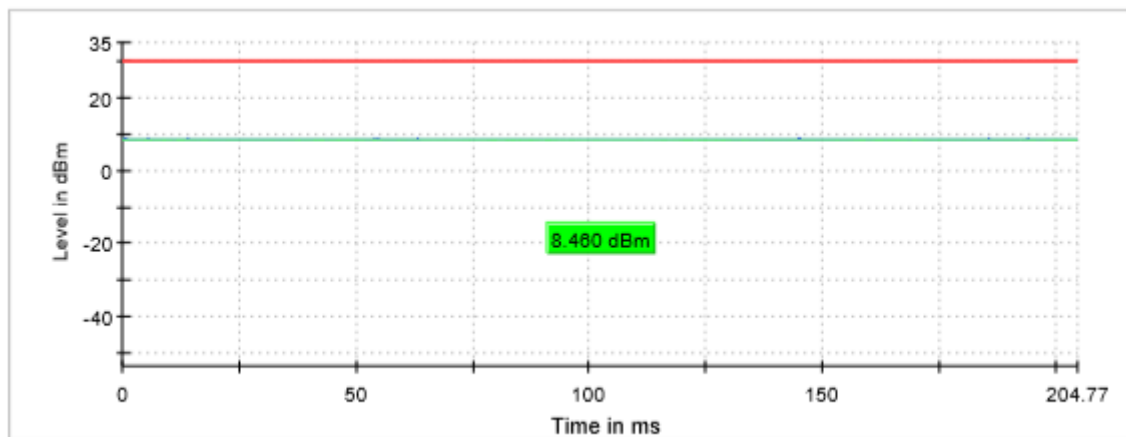
CONDUCTED OUTPUT POWER

Lowest Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

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

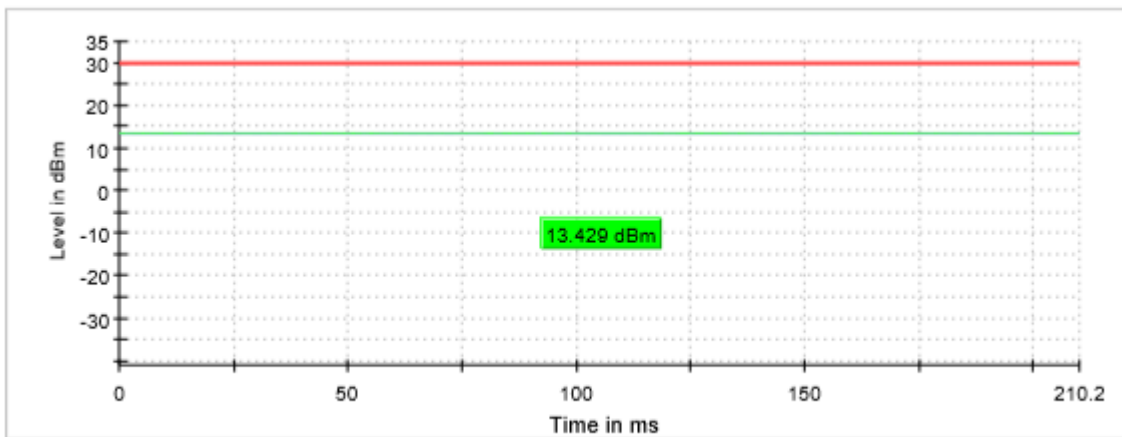
**Port 4**

**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power(dBm)	13.4	13.1
Maximum EIRP power(dBm)	17.9	17.6
Measurement uncertainty (kHz)	<± 0.78	

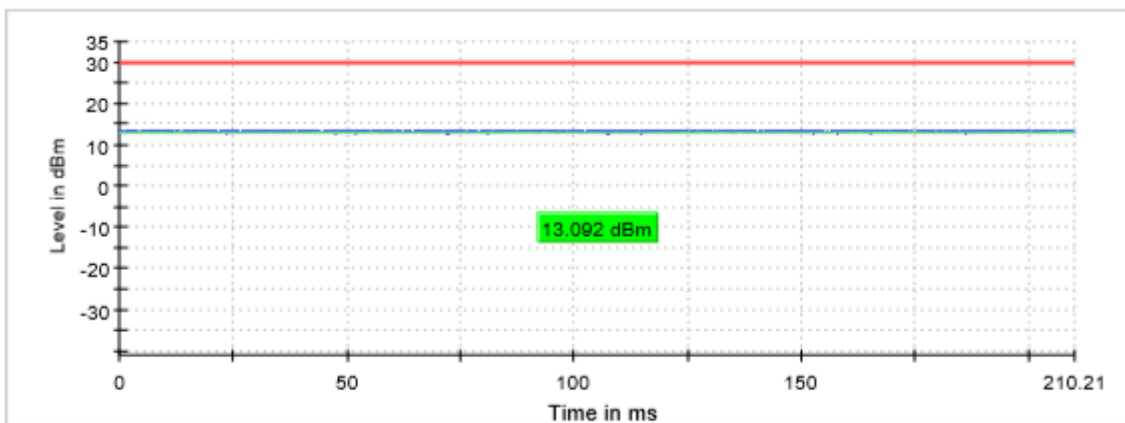
<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**



— Gated Trace    — Overall    — Limit

**Highest Channel**



— Gated Trace    — Overall    — Limit

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

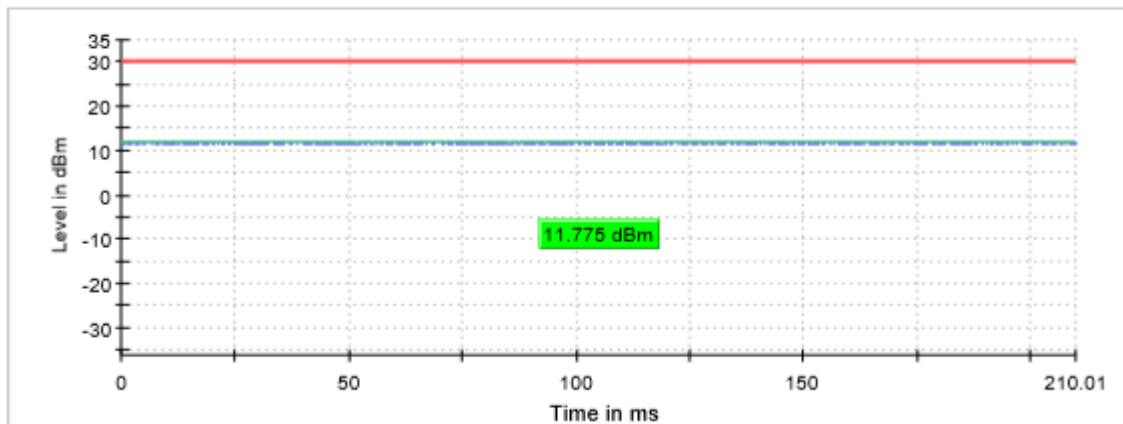
**Port 1 & 2**

**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power(dBm)	11.8	11.8
Maximum EIRP power(dBm)	16.3	16.3
Measurement uncertainty (kHz)	$<\pm 0.78$	

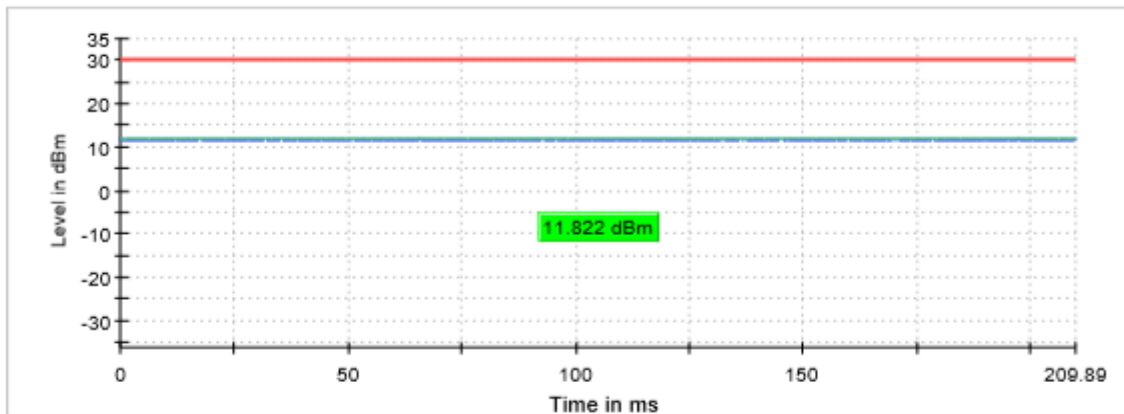
<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**



— Gated Trace    — Overall    — Limit

**Highest Channel**



— Gated Trace    — Overall    — Limit

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

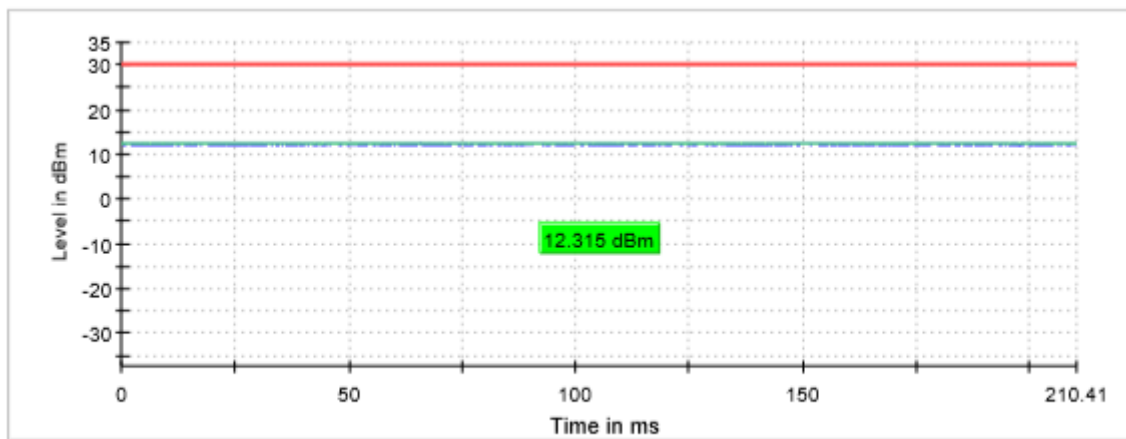
**Port 3 & 4**

**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power(dBm)	12.3	11.9
Maximum EIRP power(dBm)	16.8	16.4
Measurement uncertainty (kHz)	$<\pm 0.78$	

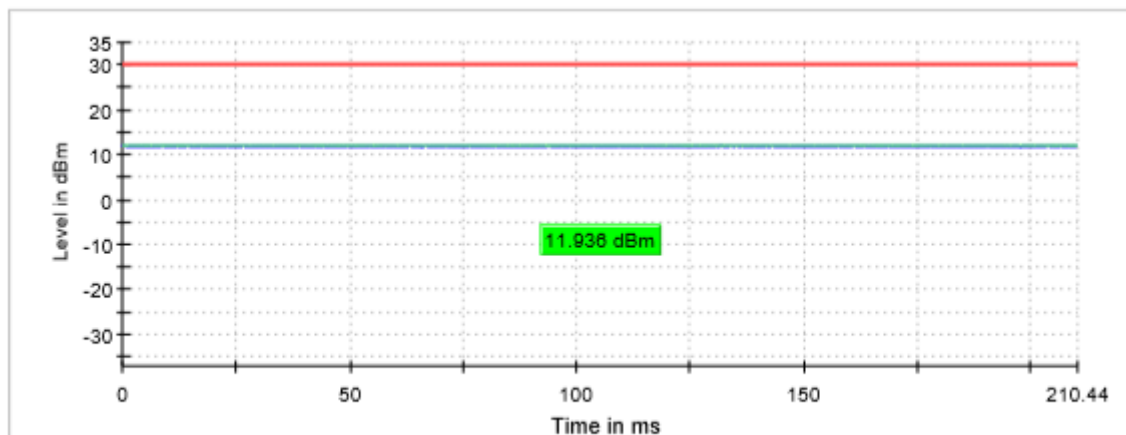
<b>TEST RESULTS (Cont.):</b>	<b>CONDUCTED OUTPUT POWER</b>
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**Lowest Channel**



— Gated Trace    — Overall    — Limit

**Highest Channel**



— Gated Trace    — Overall    — Limit

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

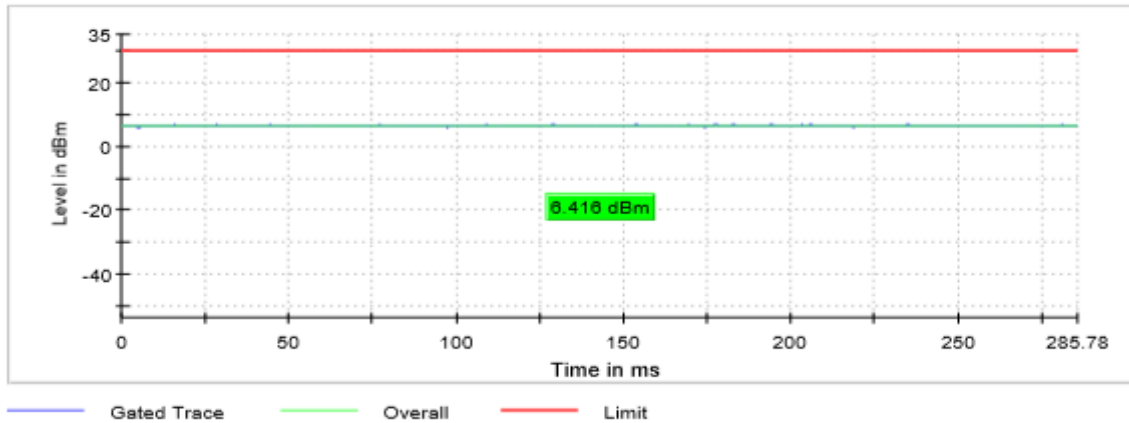
**Port 2**

**Maximum declared antenna gain: 4.5 dBi**

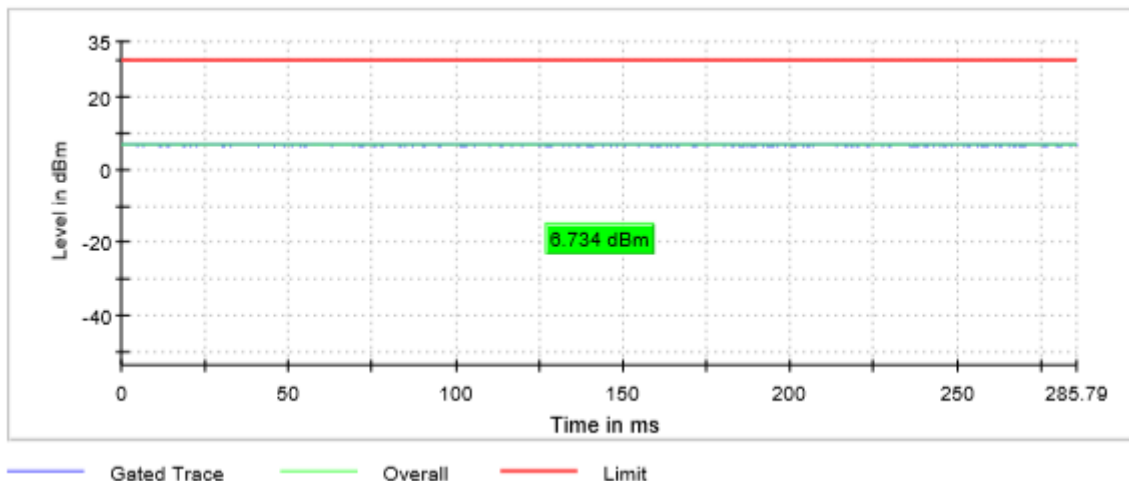
	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Maximum conducted power(dBm)	6.4	6.7	7.0
Maximum EIRP power(dBm)	10.9	11.2	11.5
Measurement uncertainty (kHz)	<± 0.78		

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

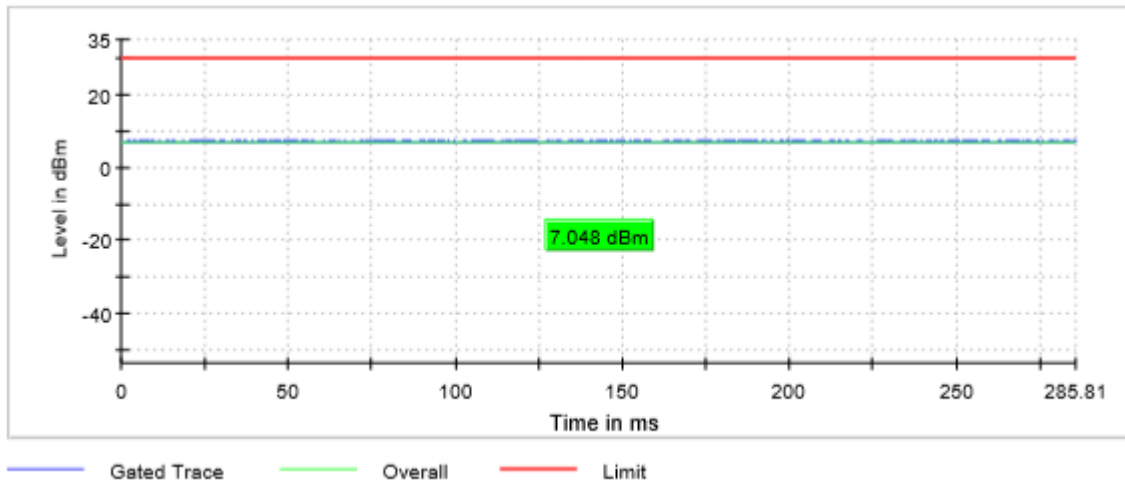


**Middle Channel**



**TEST RESULTS (Cont.):**

**Highest Channel**



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

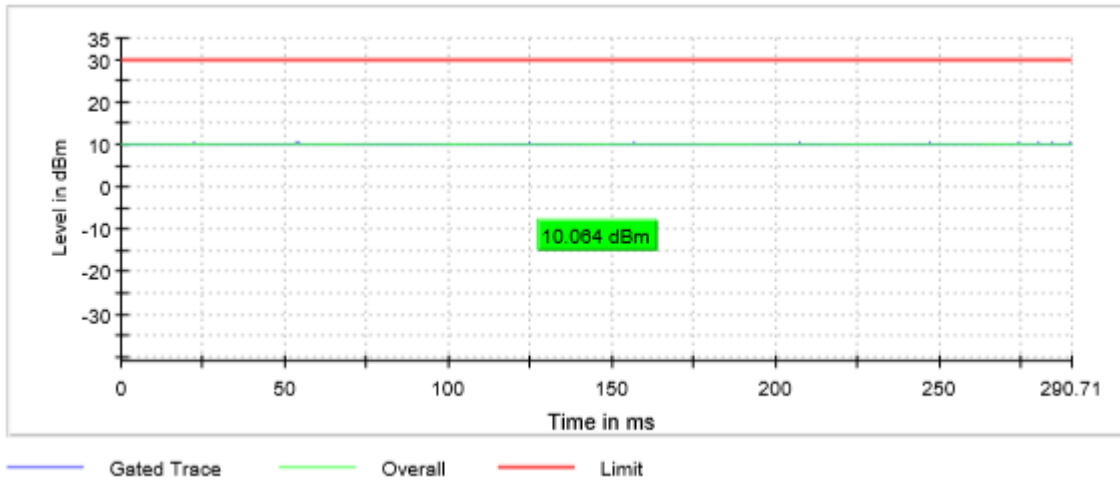
**Port 4**

**Maximum declared antenna gain: 4.5 dBi**

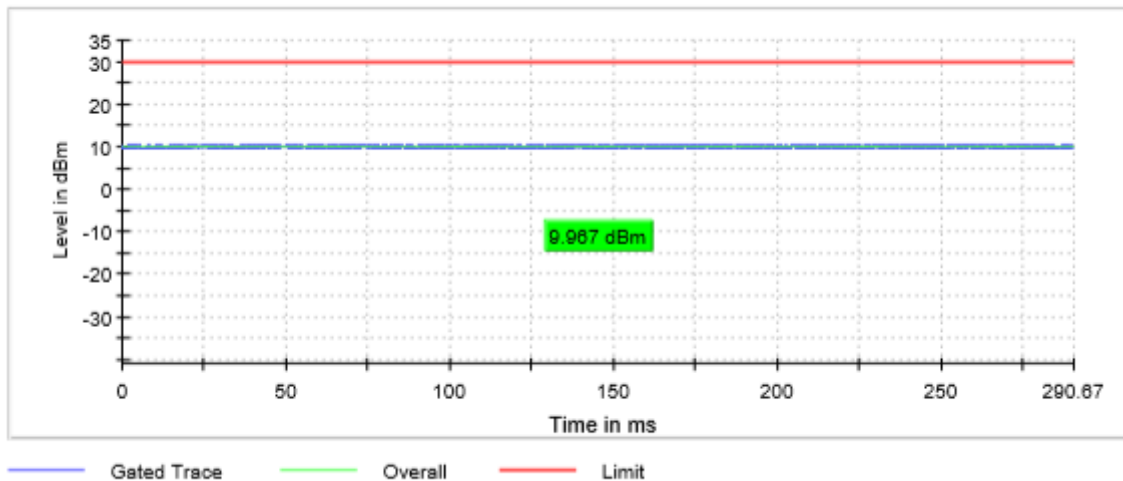
	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Maximum conducted power(dBm)	10.1	10.0	9.4
Maximum EIRP power(dBm)	14.6	14.5	13.9
Measurement uncertainty (kHz)	<± 0.78		

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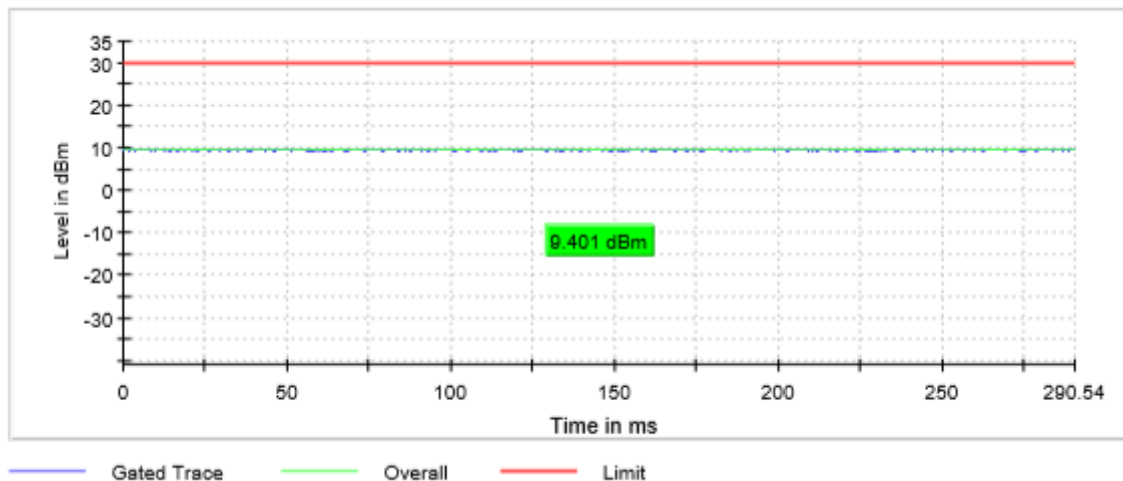
**Lowest Channel**



**Middle Channel**



**Highest Channel**





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

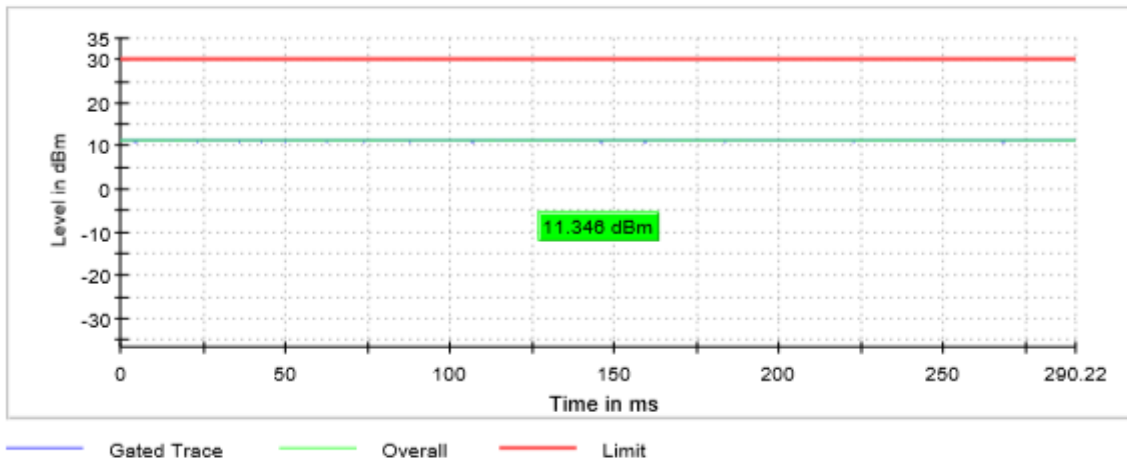
**Port 1 & 2**

**Maximum declared antenna gain: 4.5 dBi**

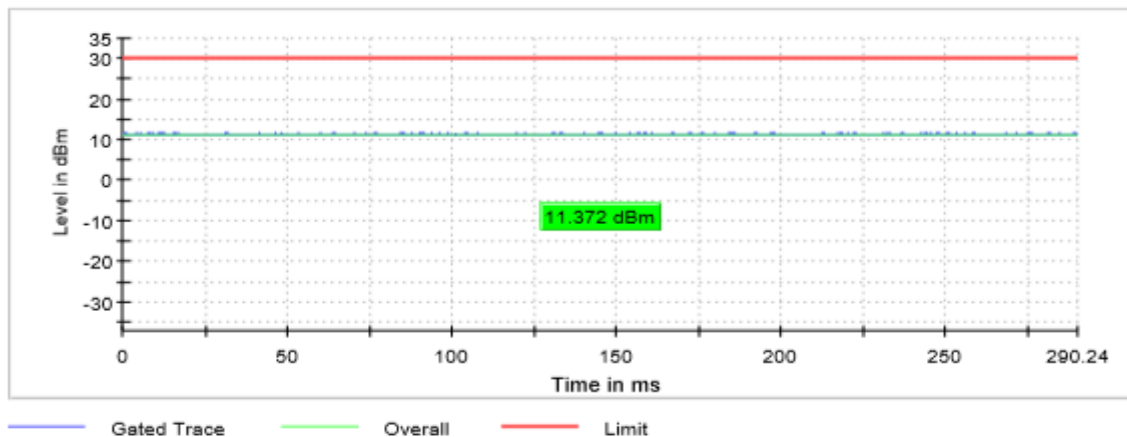
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power(dBm)	11.3	11.4	11.4
Maximum EIRP power(dBm)	15.8	15.9	15.9
Measurement uncertainty (kHz)	<± 0.78		

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

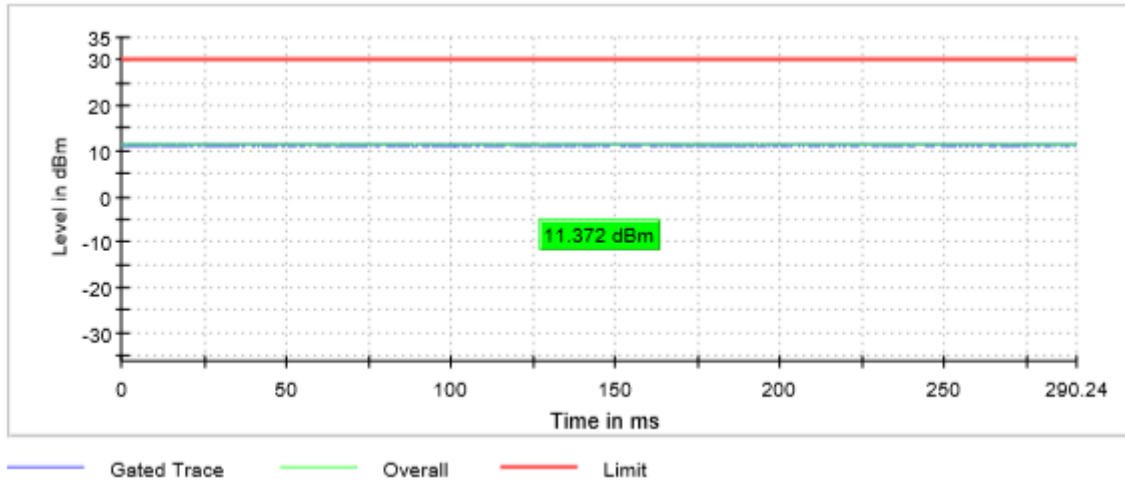


**Middle Channel**



**TEST RESULTS (Cont.):**

**Highest Channel**



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

**Port 3 & 4**

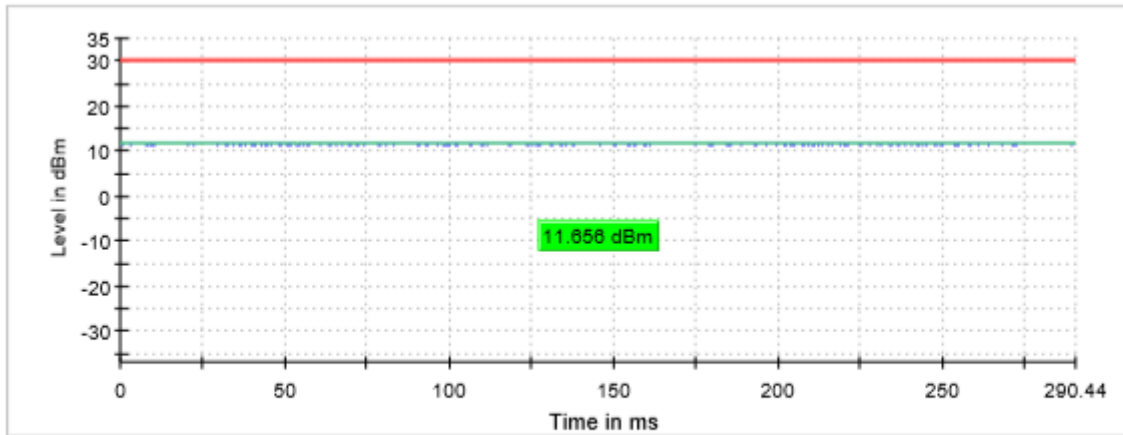
**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power(dBm)	11.7	11.5	11.4
Maximum EIRP power(dBm)	16.2	16.0	15.9
Measurement uncertainty (kHz)	<± 0.78		

TEST RESULTS (Cont.):

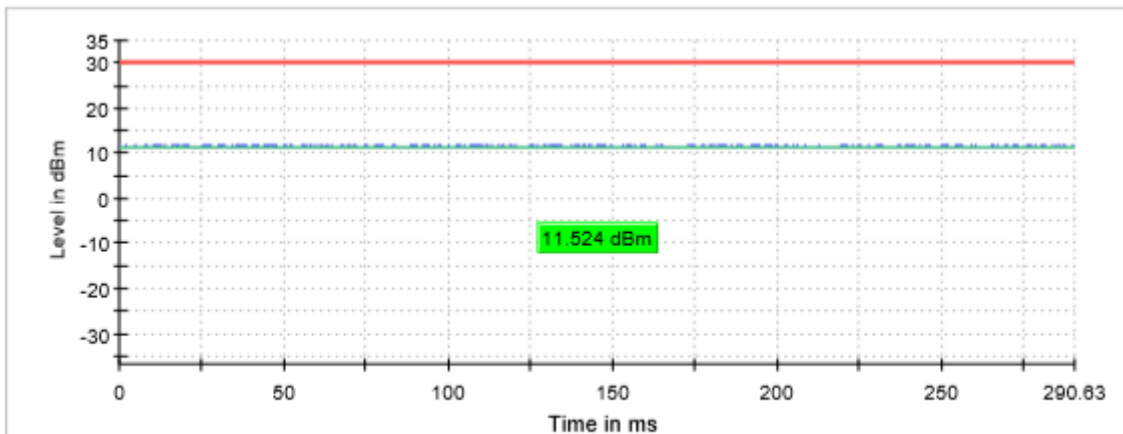
CONDUCTED OUTPUT POWER

Lowest Channel



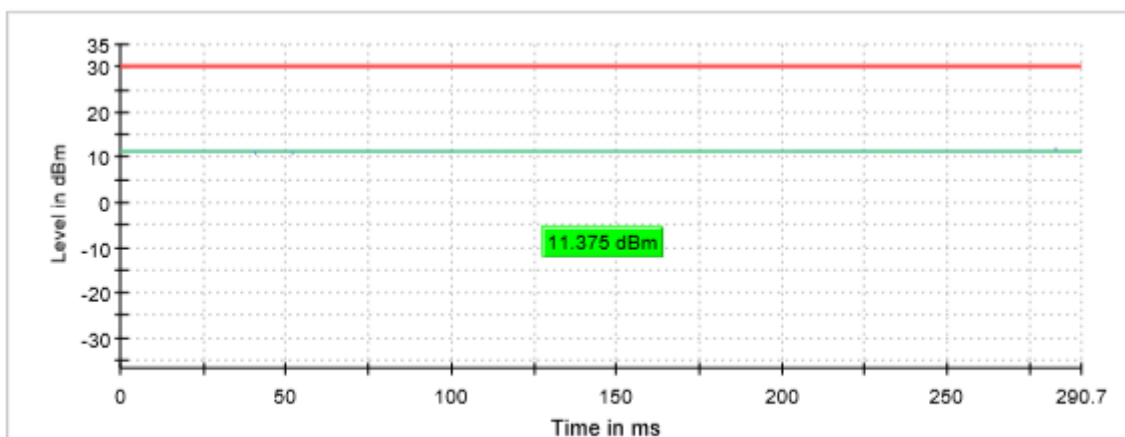
— Gated Trace — Overall — Limit

Middle Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

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

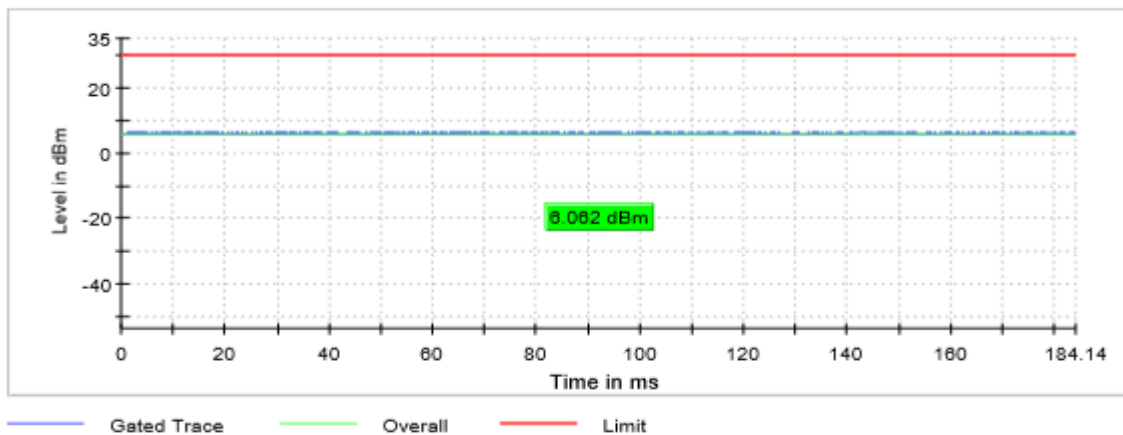
**Port 2**

**Maximum declared antenna gain: 4.5 dBi**

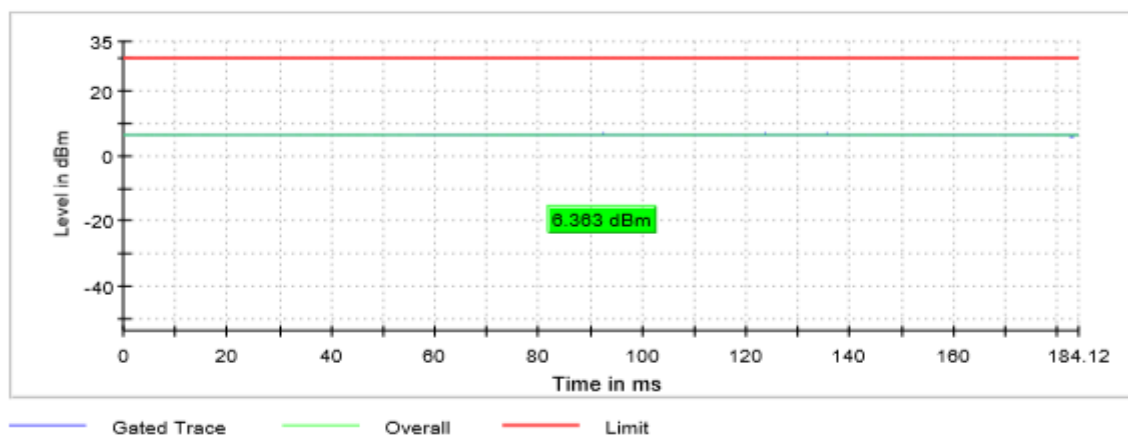
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power(dBm)	6.1	6.4
Maximum EIRP power(dBm)	10.6	10.9
Measurement uncertainty (kHz)	<± 0.78	

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



**Highest Channel**



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

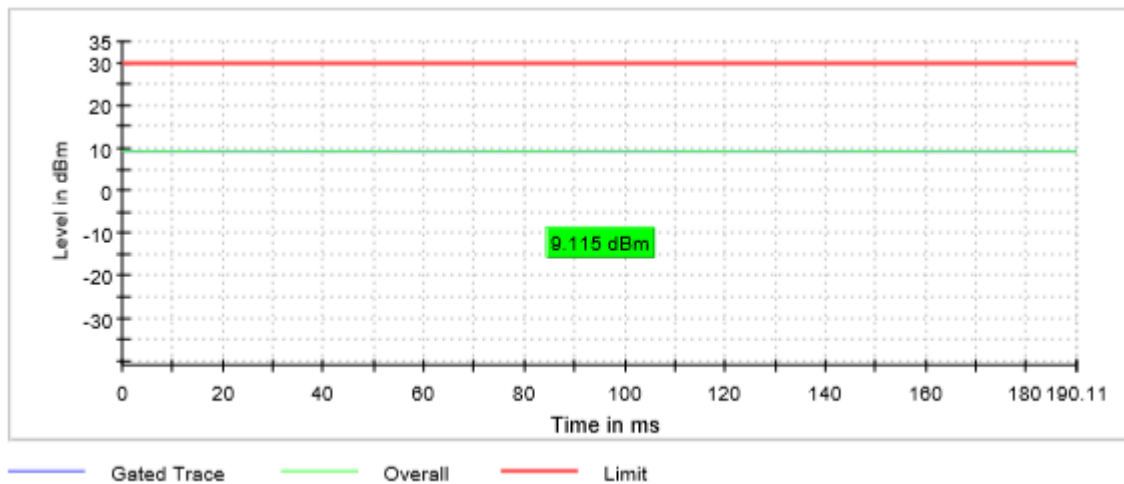
**Port 4**

**Maximum declared antenna gain: 4.5 dBi**

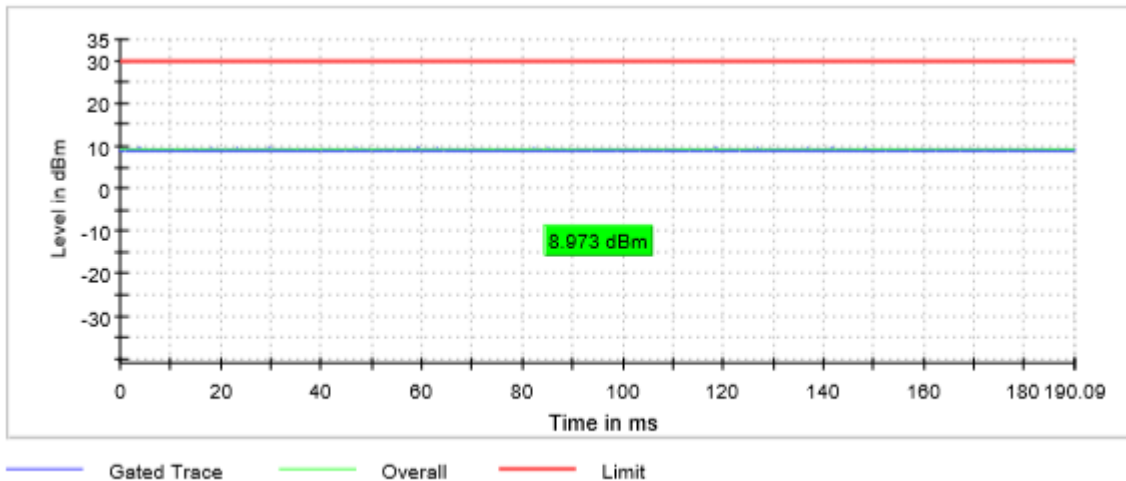
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power(dBm)	9.1	9.0
Maximum EIRP power(dBm)	13.6	13.5
Measurement uncertainty (kHz)	$<\pm 0.78$	

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



**Highest Channel**



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

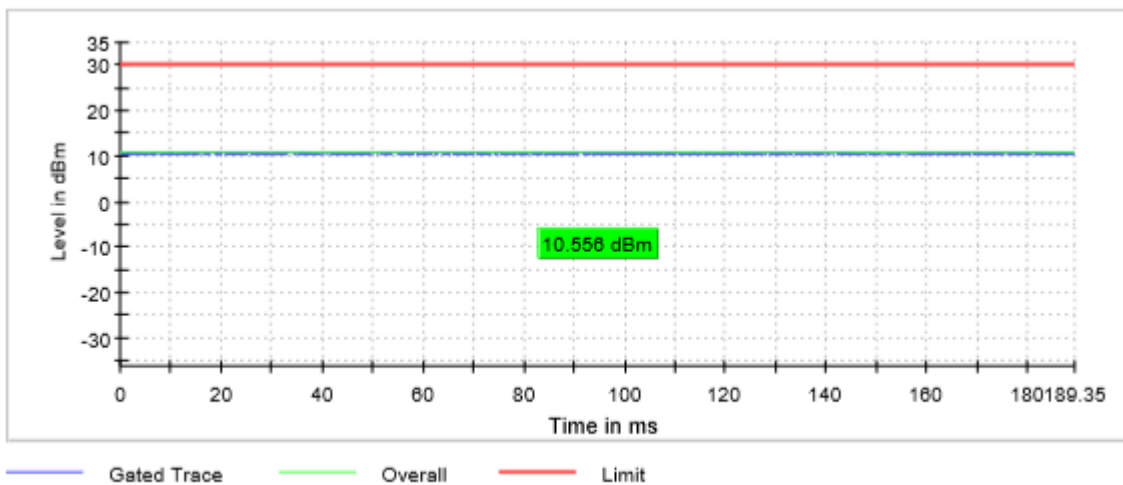
**Port 1 & 2**

**Maximum declared antenna gain: 4.5 dBi**

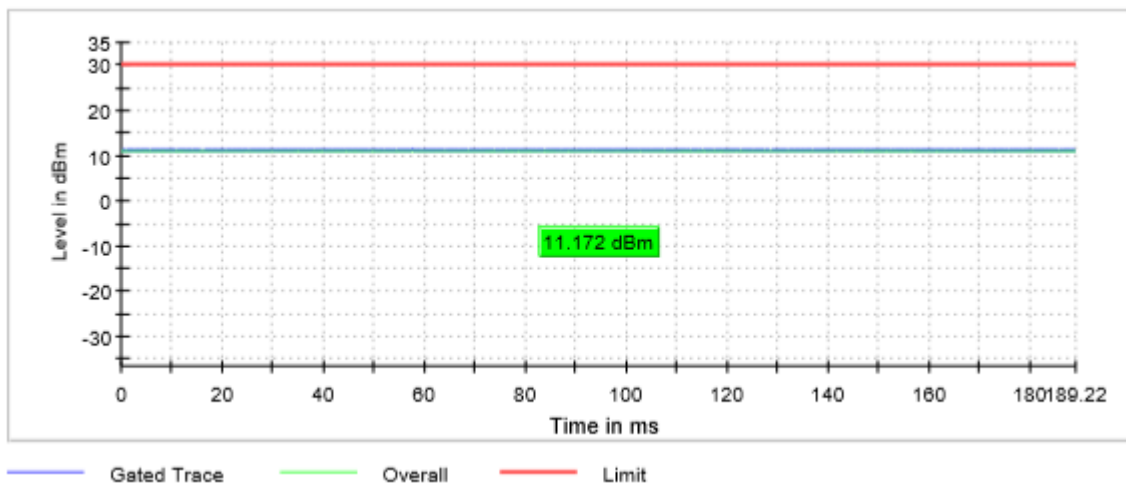
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power(dBm)	10.6	11.2
Maximum EIRP power(dBm)	15.1	15.7
Measurement uncertainty (kHz)	$\pm 0.78$	

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



**Highest Channel**



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

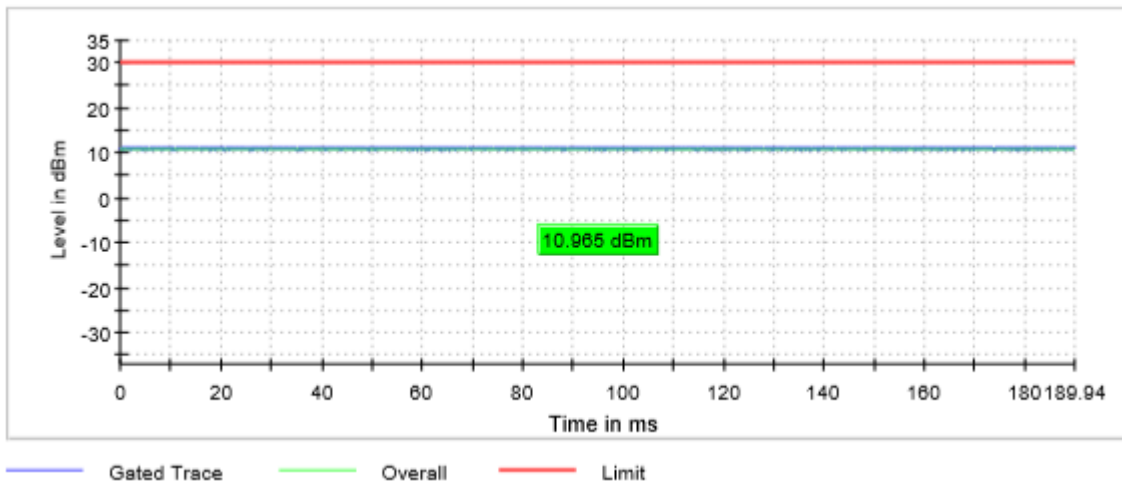
**Port 3 & 4**

**Maximum declared antenna gain: 4.5 dBi**

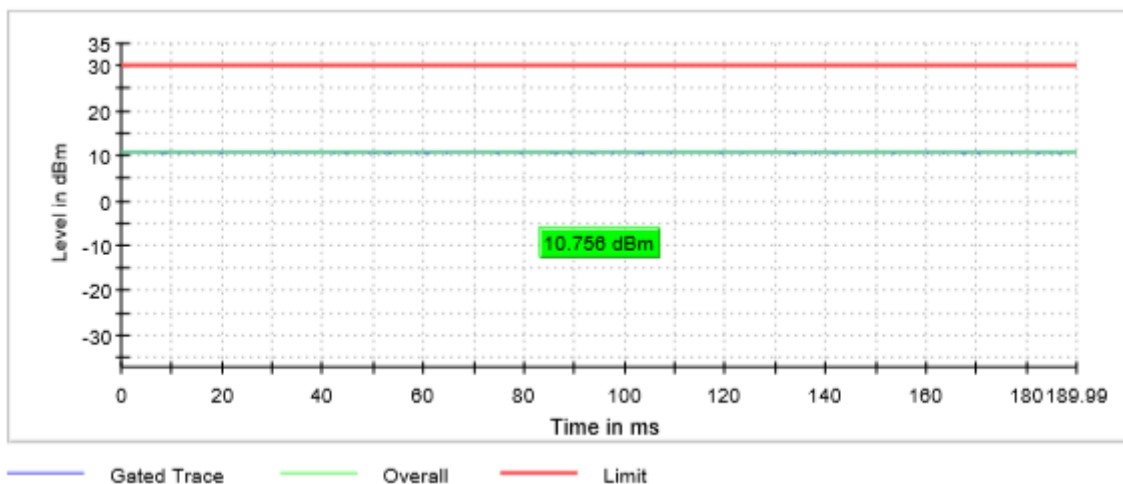
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power(dBm)	11.0	10.8
Maximum EIRP power(dBm)	15.5	15.3
Measurement uncertainty (kHz)	$<\pm 0.78$	

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



**Highest Channel**



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

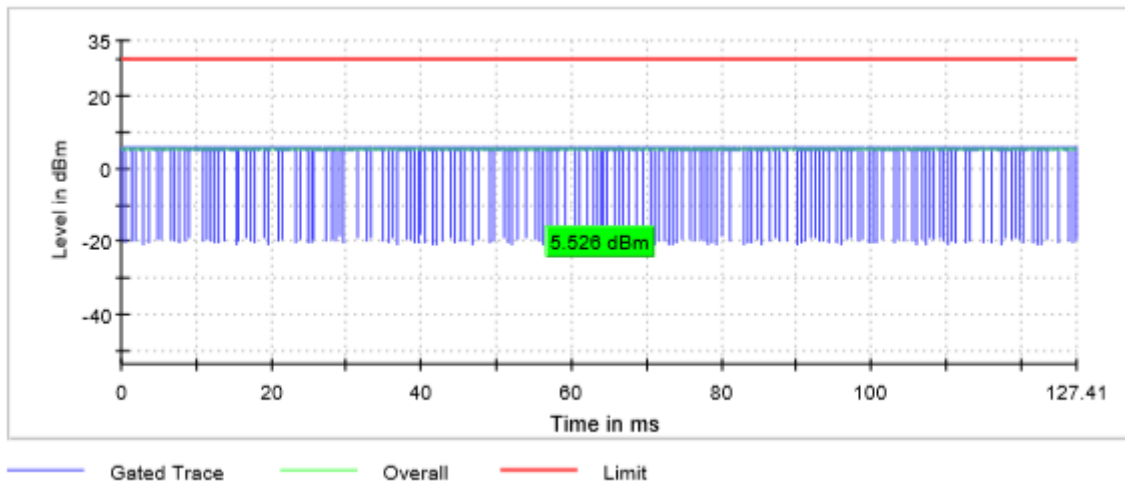
**Port 2**

**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5210 MHz
Maximum conducted power(dBm)	5.5
Maximum EIRP power(dBm)	10.0
Measurement uncertainty (kHz)	<± 0.78

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





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

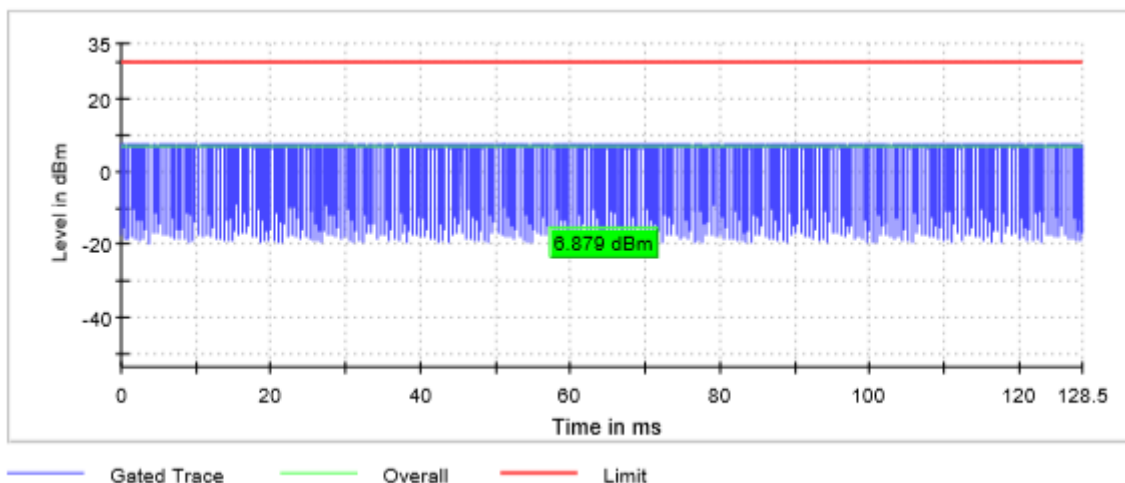
**Port 4**

**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5210 MHz
Maximum conducted power(dBm)	6.9
Maximum EIRP power(dBm)	11.4
Measurement uncertainty (kHz)	<± 0.78

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



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

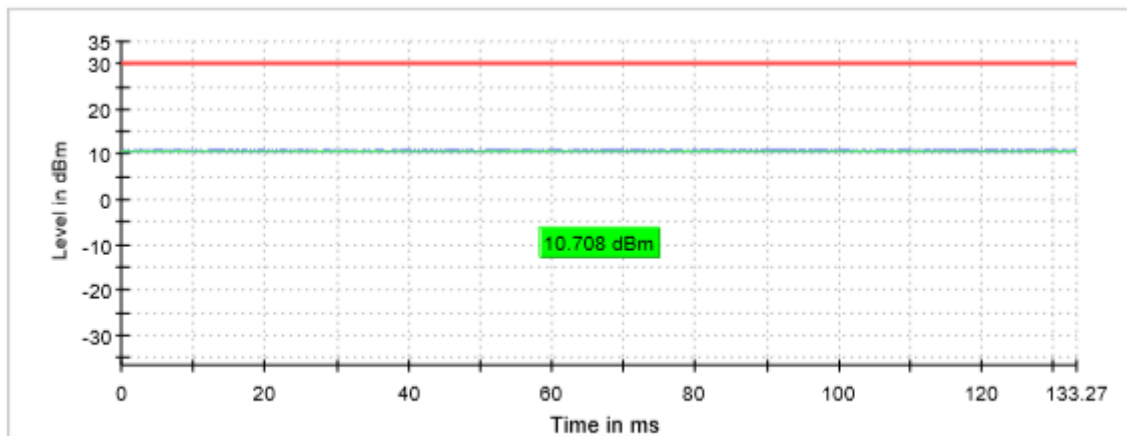
**Port 1 & 2**

**Maximum declared antenna gain: 4.5 dBi**

	Lowest frequency 5190 MHz
Maximum conducted power(dBm)	10.7
Maximum EIRP power(dBm)	15.2
Measurement uncertainty (kHz)	<± 0.78

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



— Gated Trace   
 — Overall   
 — Limit

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

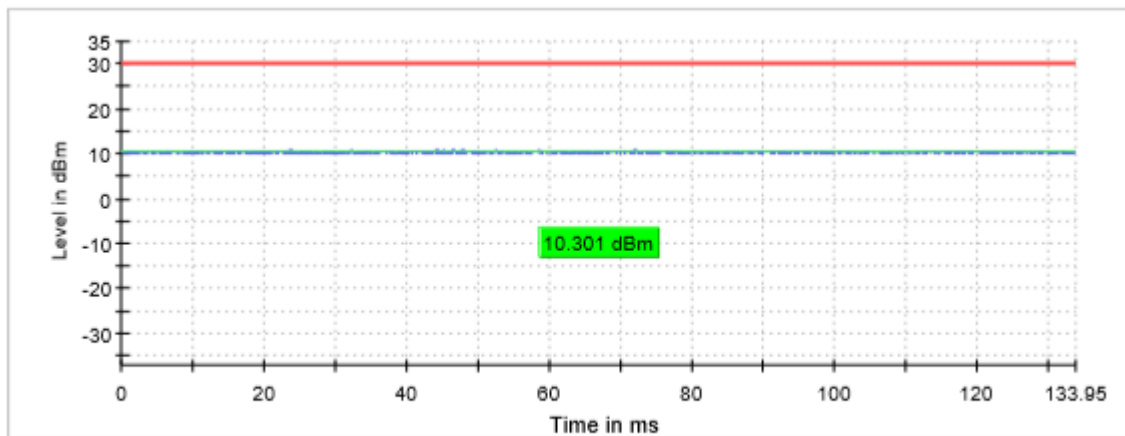
Port 3 & 4

Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5210 MHz
Maximum conducted power(dBm)	10.3
Maximum EIRP power(dBm)	14.8
Measurement uncertainty (kHz)	<± 0.78

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



— Gated Trace    — Overall    — Limit

## TEST B.3: POWER SPECTRAL DENSITY

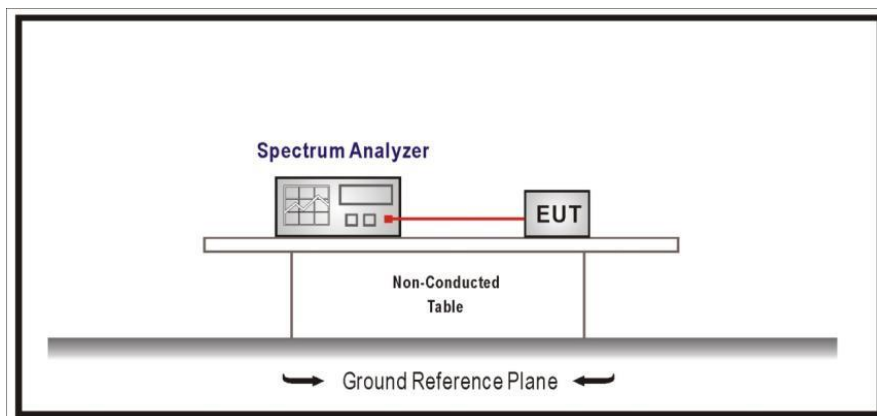
<b>LIMITS:</b>	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (5) and RSS-247 6.2.1.1

### 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.



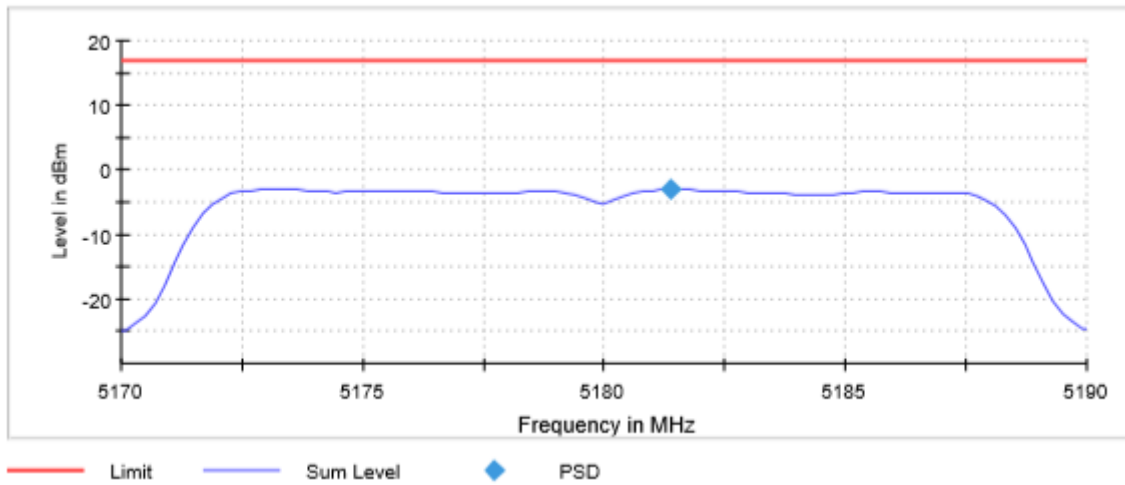
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#01 (a mode Chip 1 SISO)
<b>TEST RESULTS:</b>	PASS

### Port 2 Bandwidth: 20 MHz

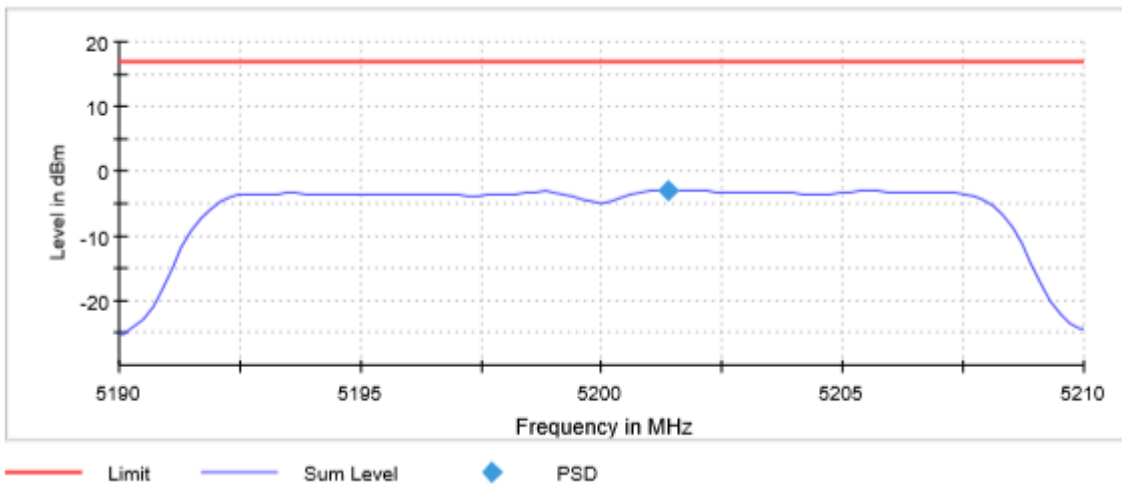
	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Power spectral density (dBm)	-3.031	-2.884	-3.113
Measurement uncertainty (kHz)	<± 0.78		

**TEST RESULTS (Cont.):**

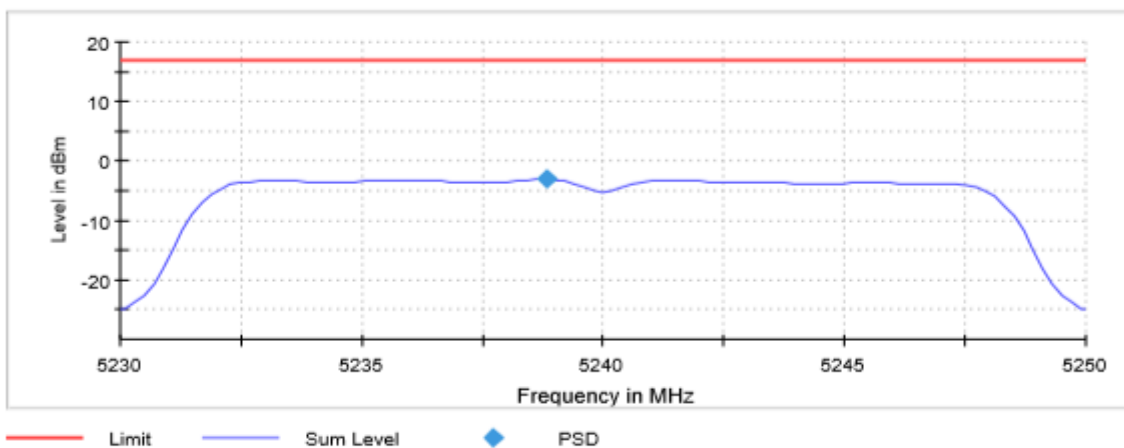
**Lowest Channel**



**Middle Channel**



**Highest Channel**



**TEST RESULTS (Cont.):**

**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	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	0.00 dB	0.00 dB	0.00 dB

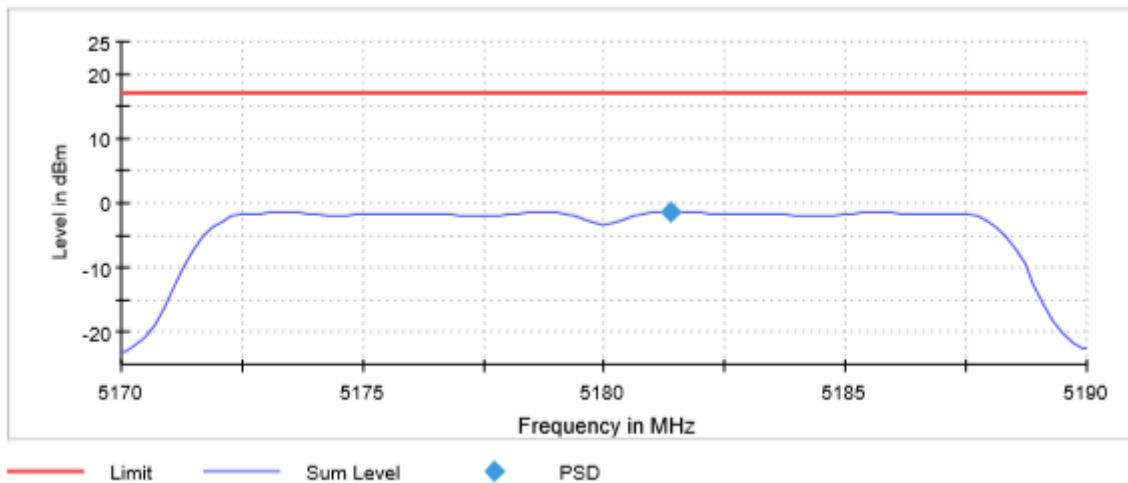
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#01 (a mode Chip 2 SISO)
<b>TEST RESULTS:</b>	PASS

Port 4  
 Bandwidth: 20 MHz

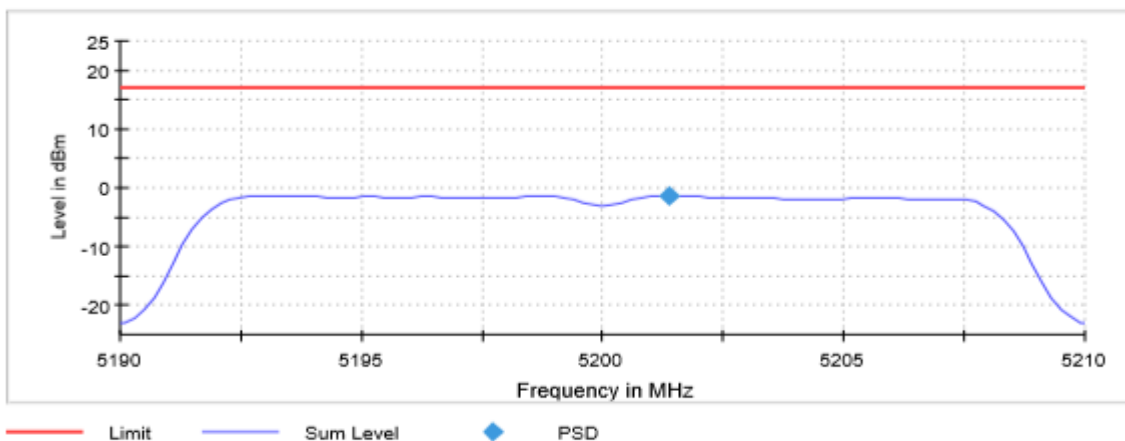
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Power spectral density (dBm)	-1.337	-1.314	-1.797
Measurement uncertainty (kHz)	<± 0.78		

**TEST RESULTS (Cont.):**

**Lowest Channel**

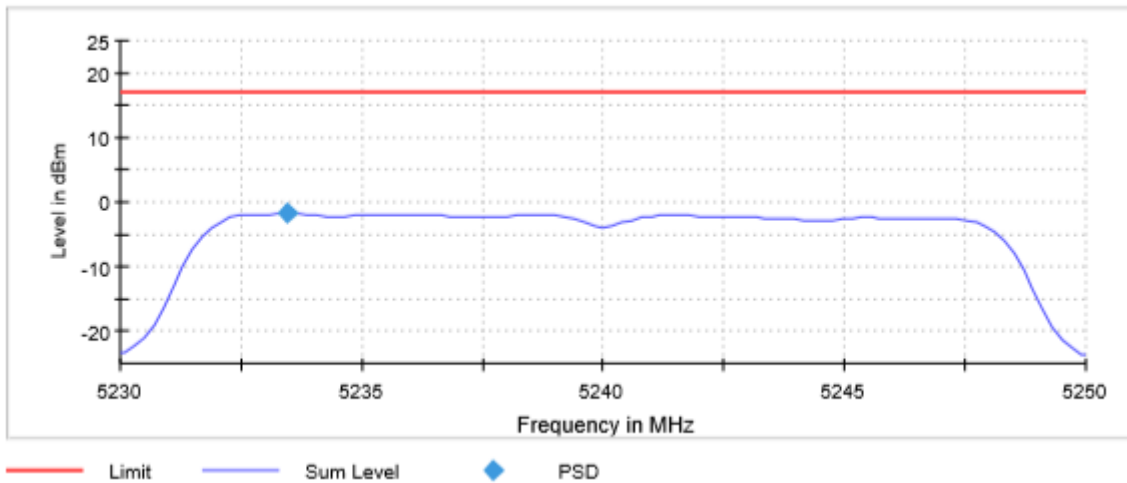


**Middle Channel**



**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
Sweptime	2.020 s	2.020 s	2.020 s
Reference Level	20.000 dBm	20.000 dBm	10.000 dBm
Attenuation	40.000 dB	40.000 dB	30.000 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	0.00 dB	0.02 dB	0.01 dB



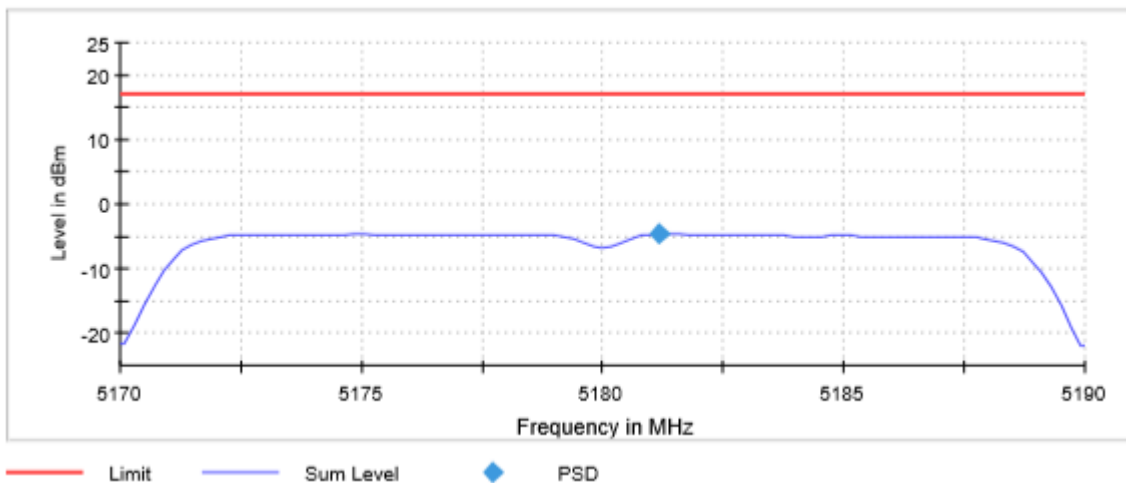
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n20 mode Chip 1 SISO)
<b>TEST RESULTS:</b>	PASS

**Port 2**  
**Bandwidth: 20 MHz**

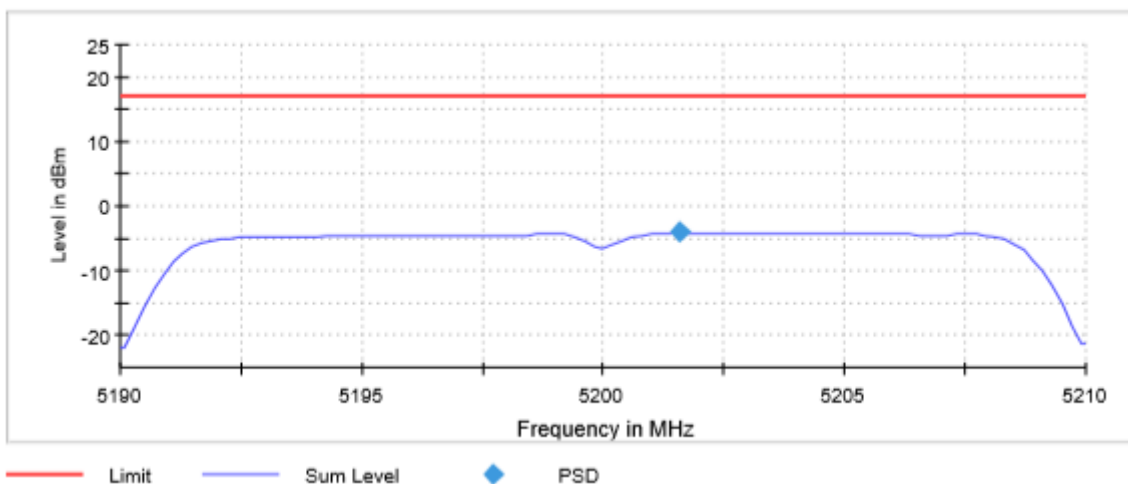
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Power spectral density (dBm)	-4.645	-4.119	-4.047
Measurement uncertainty (kHz)	<± 0.78		

**TEST RESULTS (Cont.):**

**Lowest Channel**

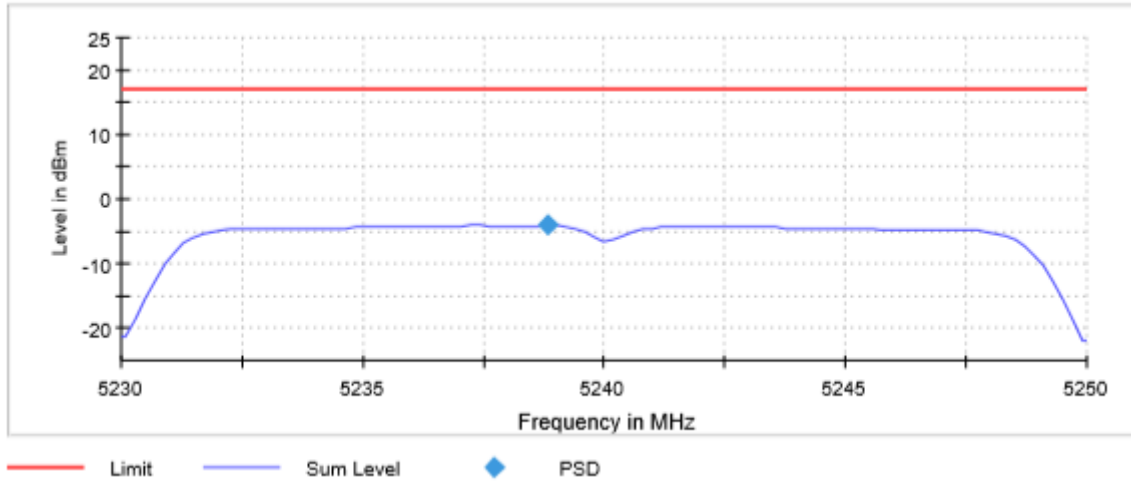


**Middle Channel**



**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
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	0.10 dB	0.12 dB	0.10 dB

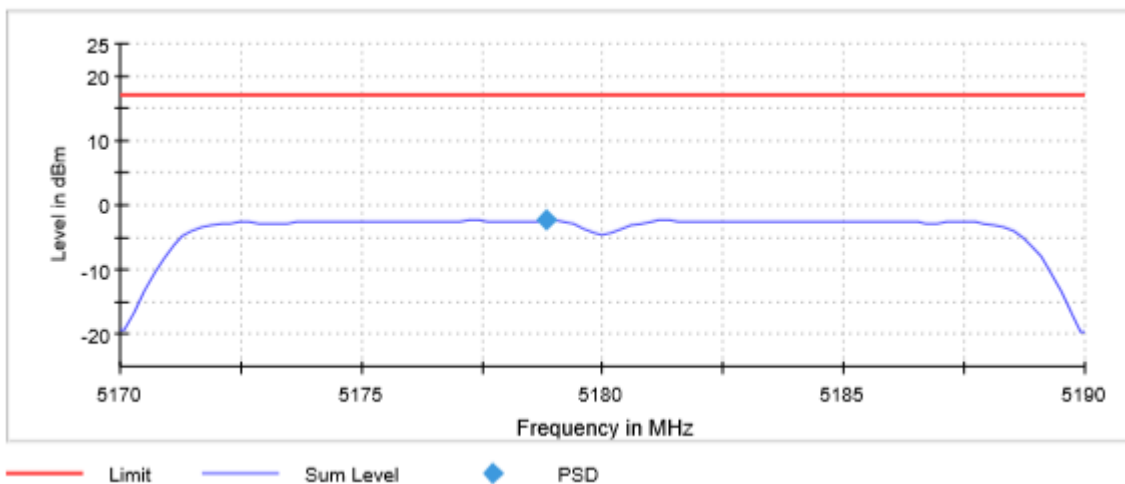
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n20 mode Chip 2 SISO)
<b>TEST RESULTS:</b>	PASS

**Port 4**  
**Bandwidth: 20 MHz**

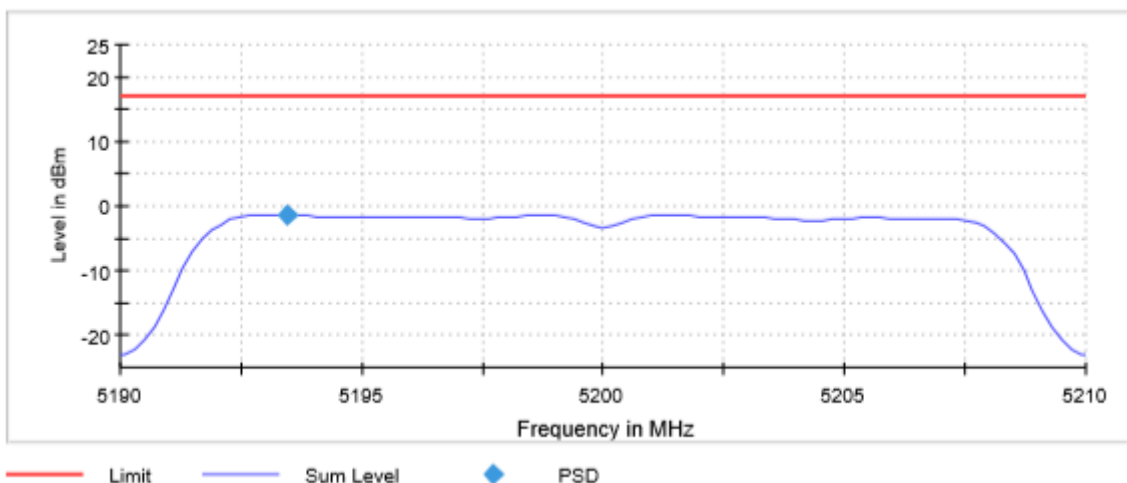
	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Power spectral density (dBm)	-2.369	-1.365	-1.870
Measurement uncertainty (kHz)	<± 0.78		

**TEST RESULTS (Cont.):**

**Lowest Channel**

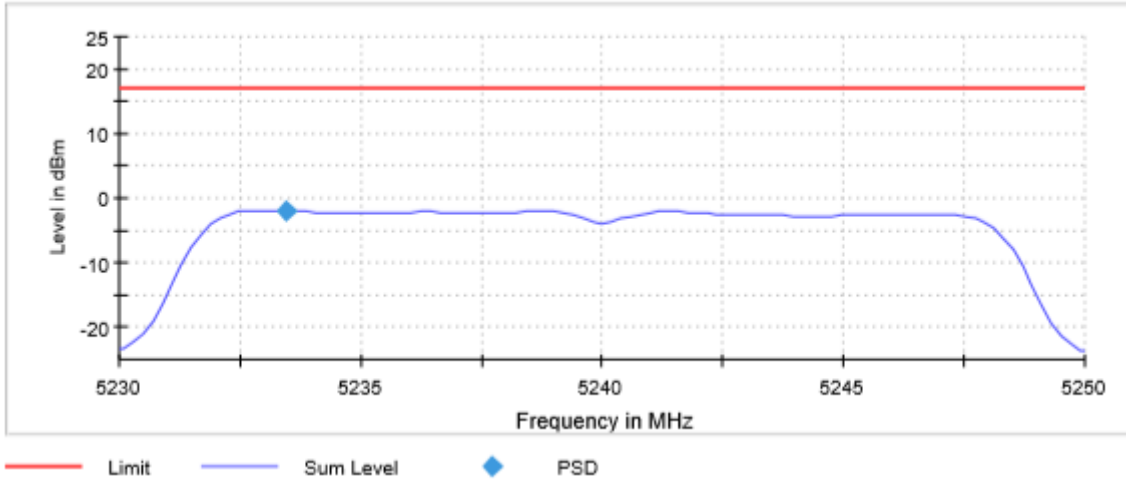


**Middle Channel**



**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
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	0.06 dB	0.01 dB	0.00 dB

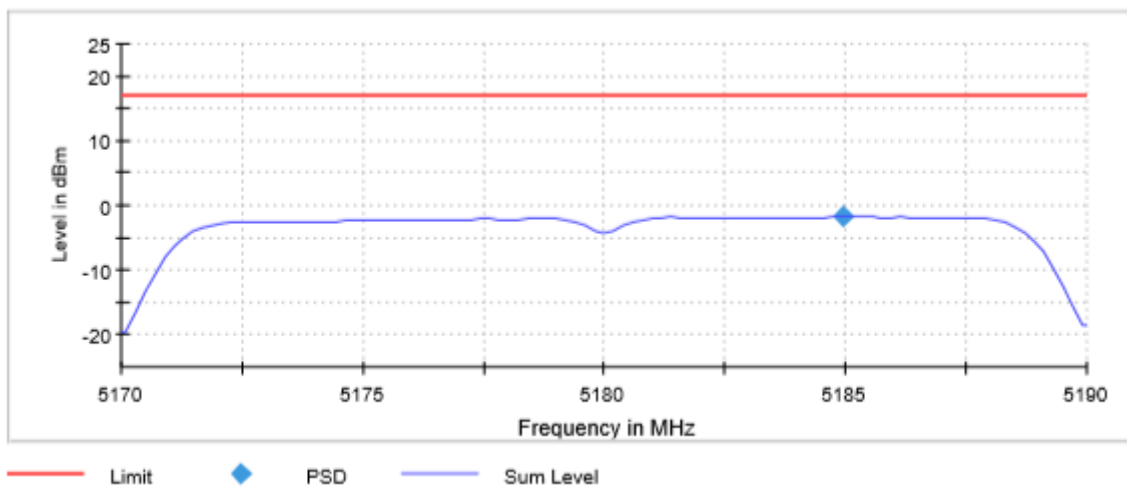
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n20 mode Chip 1 MIMO)
<b>TEST RESULTS:</b>	PASS

Port 1 & 2  
 Bandwidth: 20 MHz

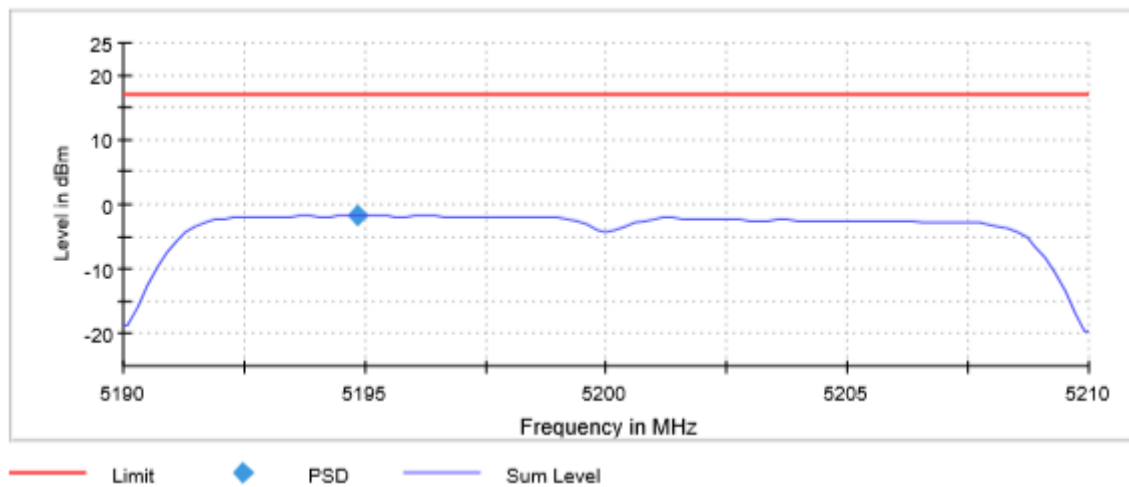
	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Power spectral density (dBm)	-1.730	-1.602	-1.698
Measurement uncertainty (kHz)	<± 0.78		

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

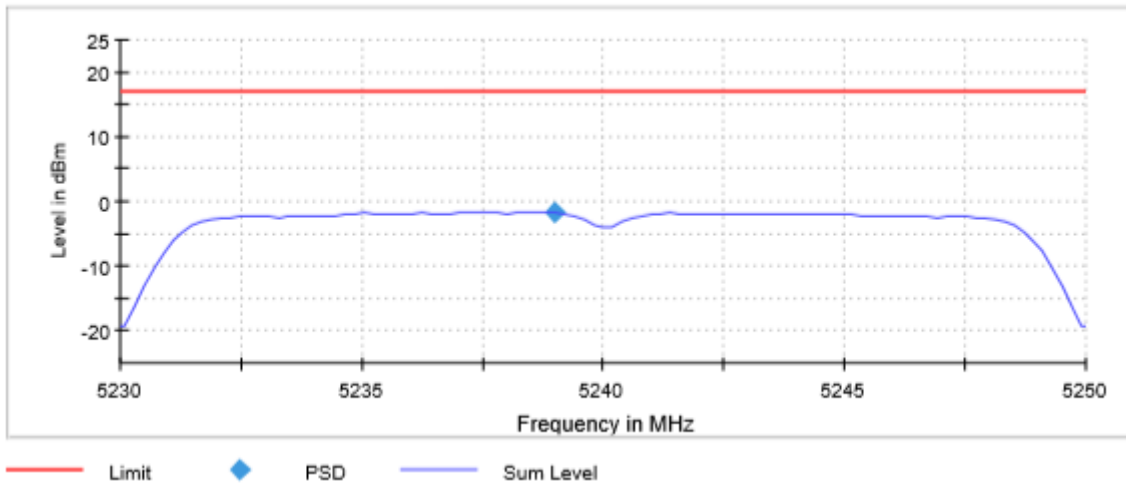


**Middle Channel**



**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	0.000 dBm	0.000 dBm	0.000 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	0.18 dB	0.00 dB	0.09 dB

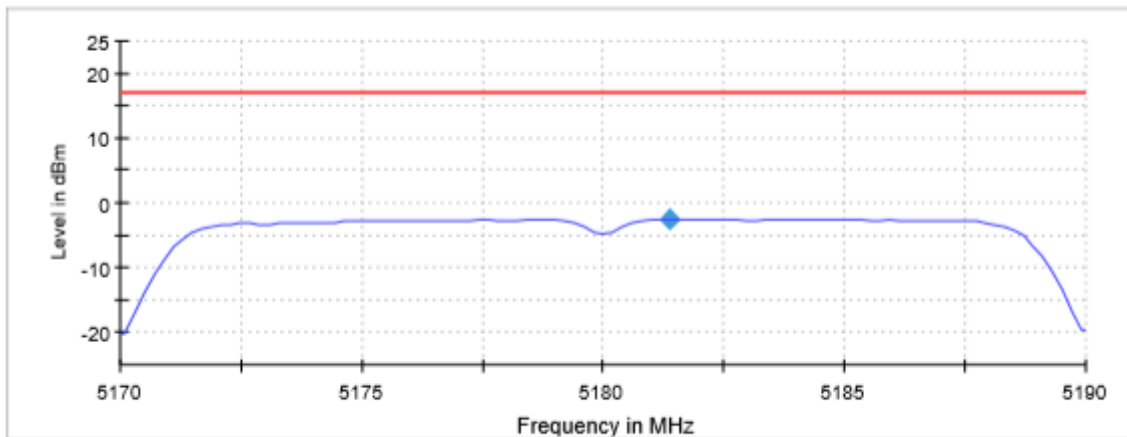
<b>TESTED SAMPLES:</b>	S/01
<b>TESTED CONDITIONS MODES:</b>	TC#02 (n20 mode Chip 2 MIMO)
<b>TEST RESULTS:</b>	PASS

Port 3 & 4  
 Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Power spectral density (dBm)	-2.520	-2.555	-2.648
Measurement uncertainty (kHz)	<± 0.78		

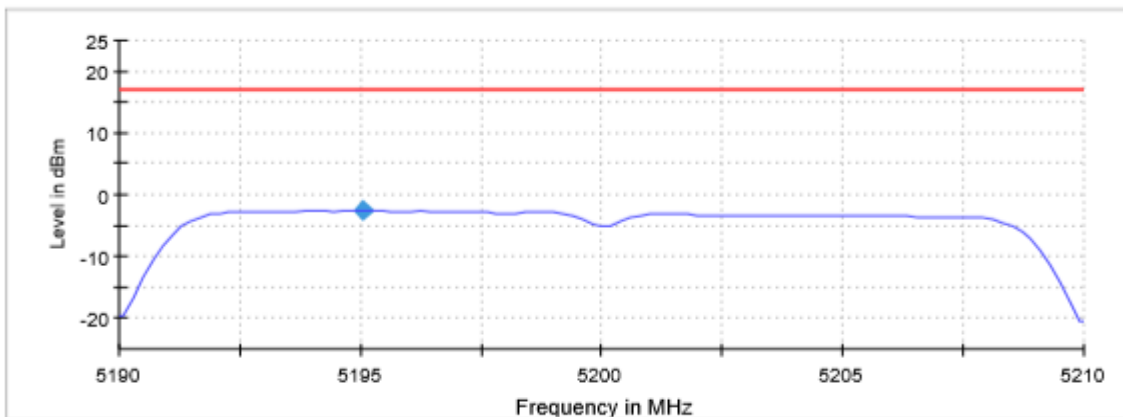
**TEST RESULTS (Cont.):**

**Lowest Channel**



— Limit    ◆ PSD    — Sum Level

**Middle Channel**



— Limit    ◆ PSD    — Sum Level