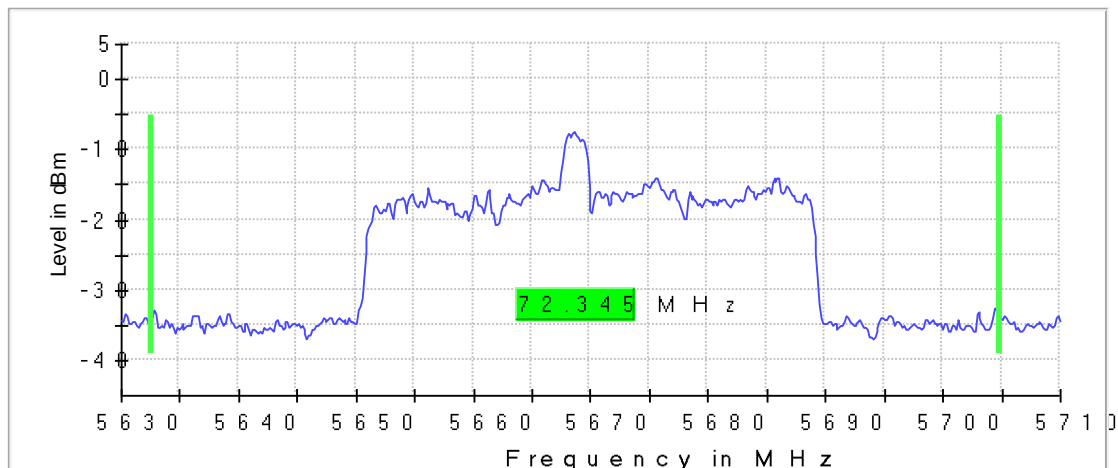


TEST RESULTS(Cont.):

26 dB BANDWIDTH

Highest Channel

2 6 d B B a n d w i d t h



Measurement

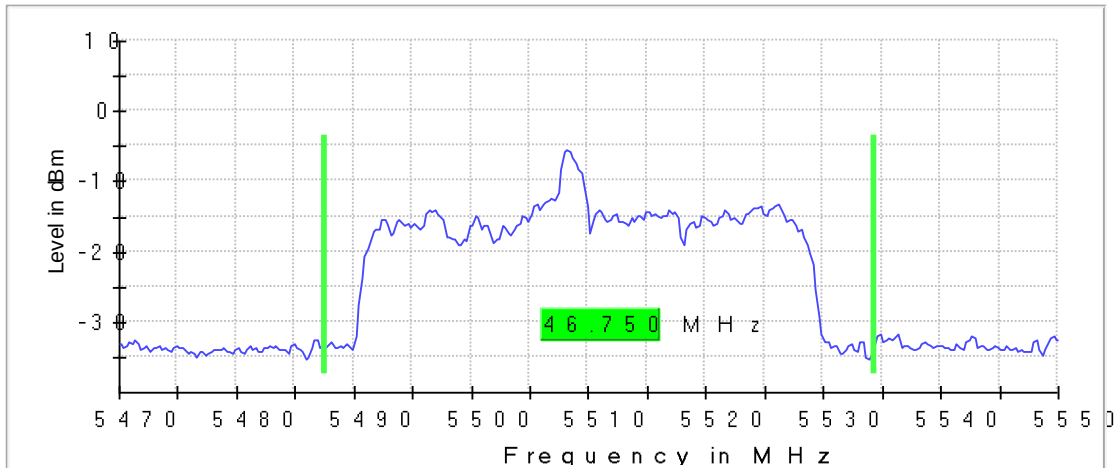
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.47000 GHz	5.51000 GHz	5.63000 GHz
Stop Frequency	5.55000 GHz	5.59000 GHz	5.71000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	533	533	533
Sweeptime	31.621 μ s	31.621 μ s	31.621 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	Off	Off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	124 / max. 150	110 / max. 150	122 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

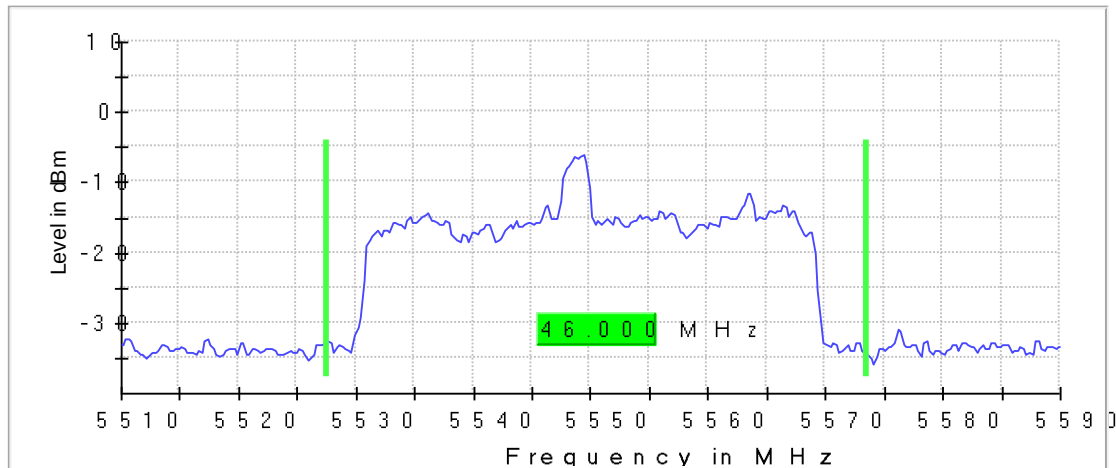
Lowest Channel

99 % Bandwidth



Middle Channel

99 % Bandwidth

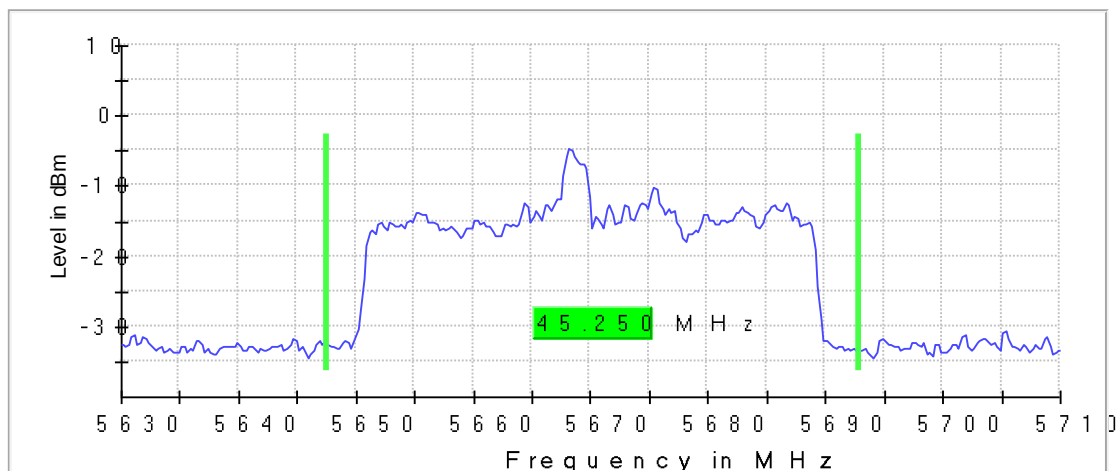


TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Highest Channel

99 % Bandwidth



Measurement

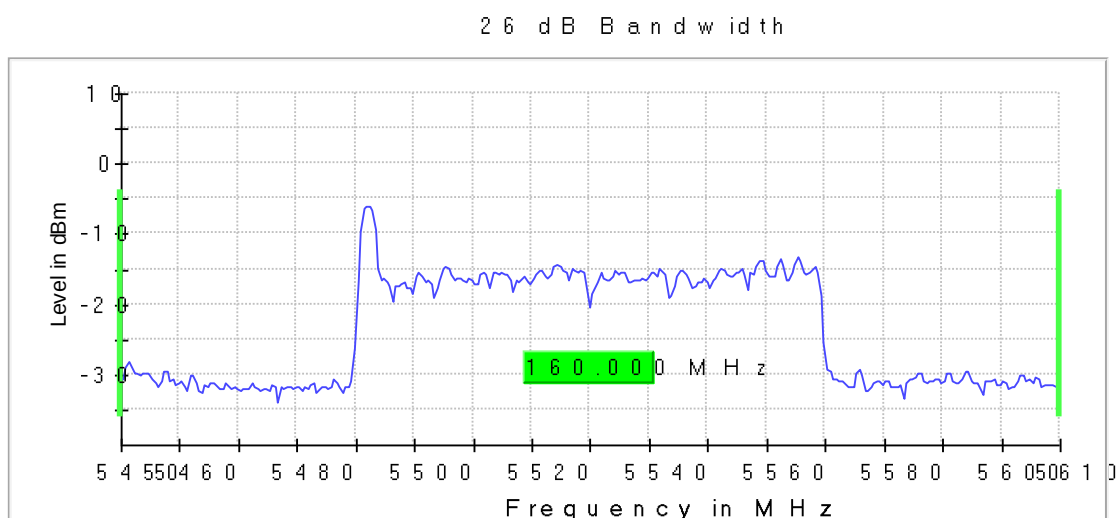
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.47000 GHz	5.51000 GHz	5.63000 GHz
Stop Frequency	5.55000 GHz	5.59000 GHz	5.71000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz	2.000 MHz
SweepPoints	320	320	320
Sweeptime	18.906 μ s	18.906 μ s	18.906 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamplifier	Off	Off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	74 / max. 150	50 / max. 150	81 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.04 dB	0.13 dB	0.08 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO A)
TEST RESULTS:	PASS

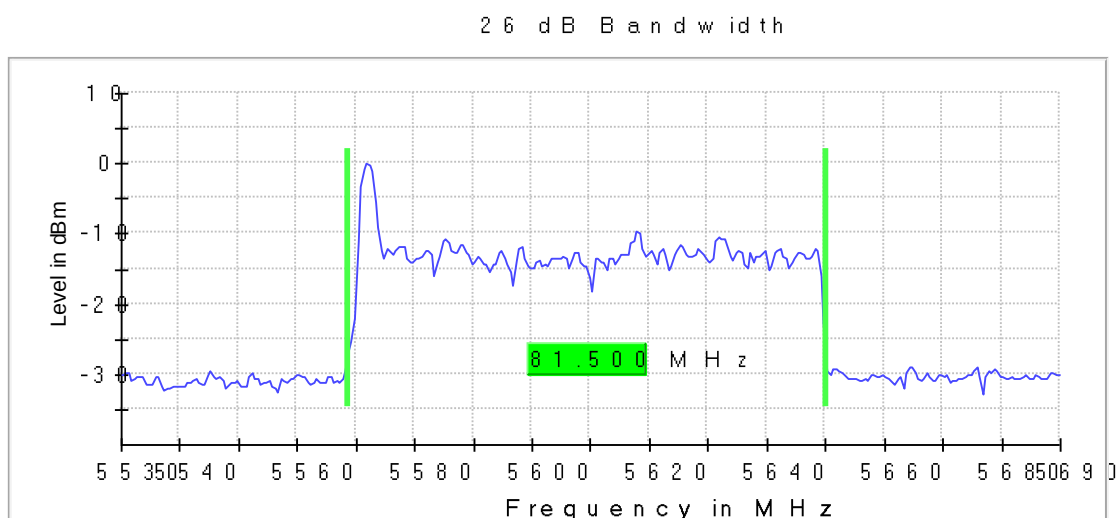
Bandwidth: 80 MHz

	Lowest frequency	Highest frequency
	5530 MHz	5610 MHz
26dB bandwidth (MHz)	160.000	81.500
Occupied bandwidth (MHz)	127.000	92.500

Lowest Channel



Highest Channel



TEST RESULTS(Cont.):

26 dB BANDWIDTH

Measurement

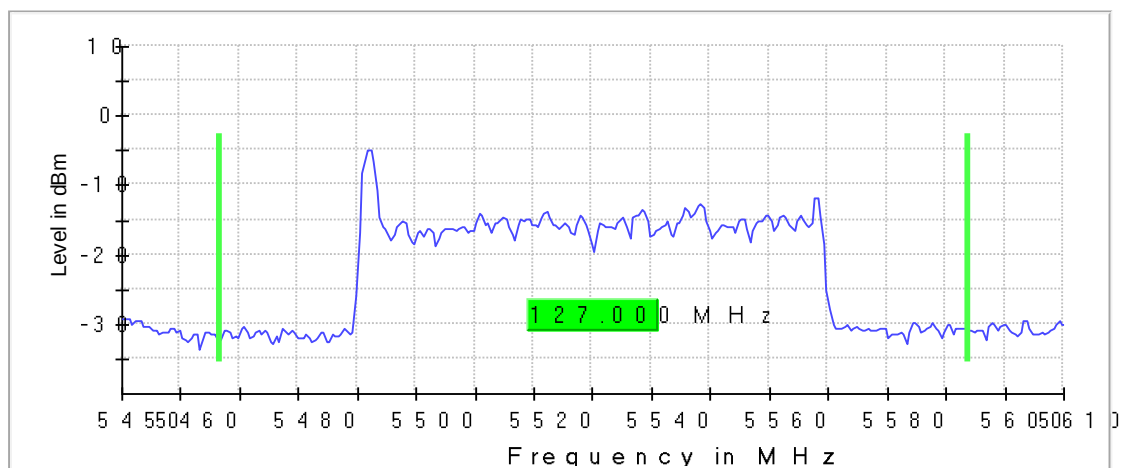
Setting	Instrument Value	Instrument Value
Start Frequency	5.45000 GHz	5.61000 GHz
Stop Frequency	5.61000 GHz	5.77000 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	320	320
Sweeptime	22.875 μ s	22.875 μ s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	Off	Off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	65 / max. 150	112 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

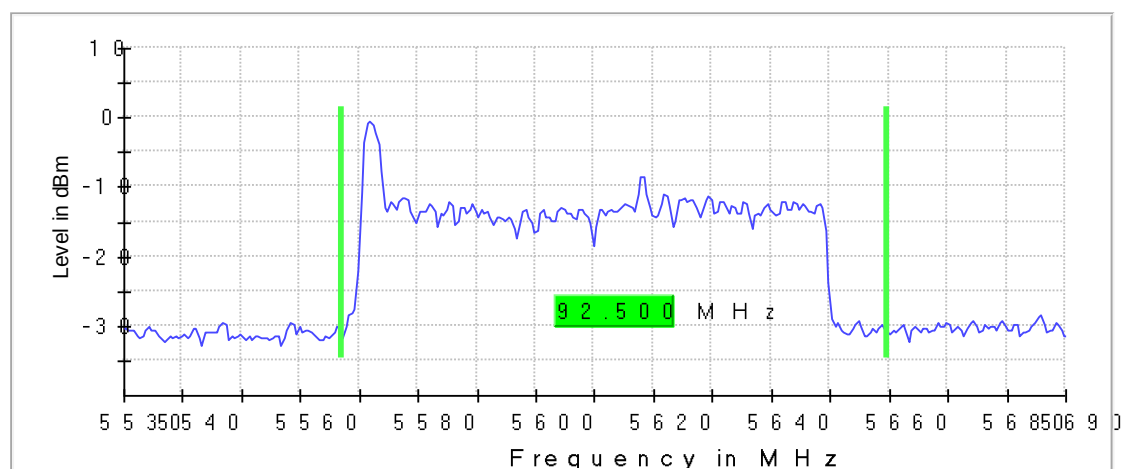
Lowest Channel

99 % Bandwidth



Highest Channel

99 % Bandwidth



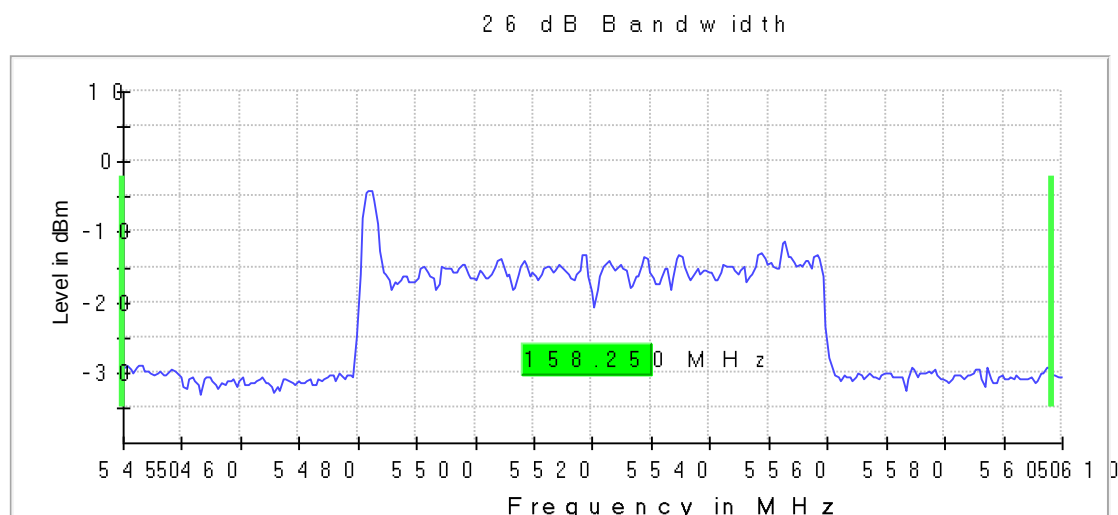
TEST RESULTS (Cont.):		OCCUPIED BANDWIDTH	
Measurement			
Setting	Instrument Value	Instrument Value	
Start Frequency	5.45000 GHz	5.53000 GHz	
Stop Frequency	5.61000 GHz	5.69000 GHz	
Span	160.000 MHz	160.000 MHz	
RBW	1.000 MHz	1.000 MHz	
VBW	3.000 MHz	3.000 MHz	
SweepPoints	320	320	
Sweeptime	22.875 μs	22.875 μs	
Reference Level	0.000 dBm	0.000 dBm	
Attenuation	20.000 dB	20.000 dB	
Detector	MaxPeak	MaxPeak	
SweepCount	200	200	
Filter	3 dB	3 dB	
Trace Mode	Max Hold	Max Hold	
Sweeptype	FFT	FFT	
Preamplifier	Off	Off	
Stablemode	Trace	Trace	
Stablevalue	0.30 dB	0.30 dB	
Run	52/ max. 150	76 / max. 150	
Stable	5 / 5	5 / 5	
Max Stable Difference	0.28 dB	0.00 dB	

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ax Mode RADIO A+B)
TEST RESULTS:	PASS

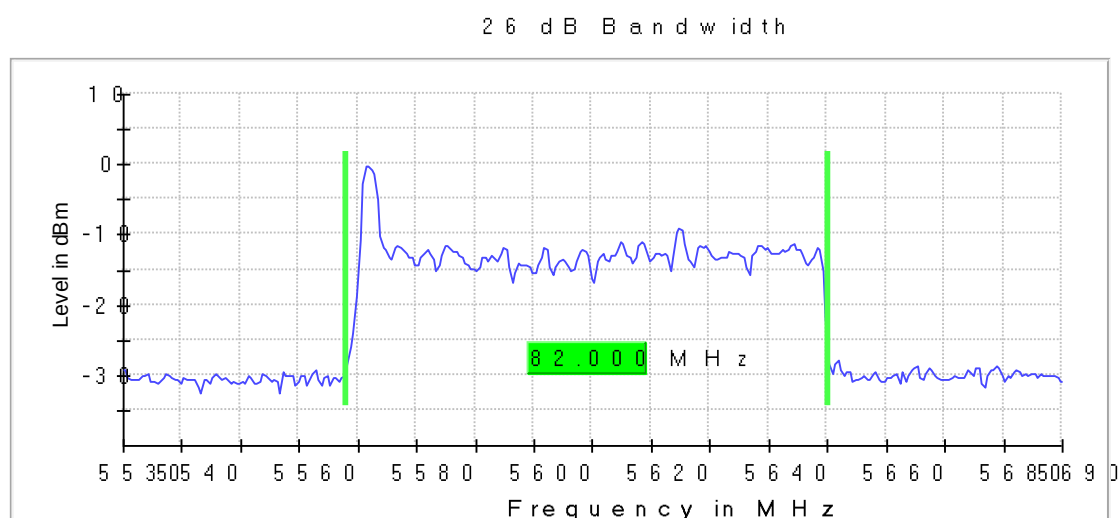
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
26dB bandwidth (MHz)	158.250	82.000
Occupied bandwidth (MHz)	127.500	97.500

Lowest Channel



Highest Channel



TEST RESULTS(Cont.):

26 dB BANDWIDTH

Measurement

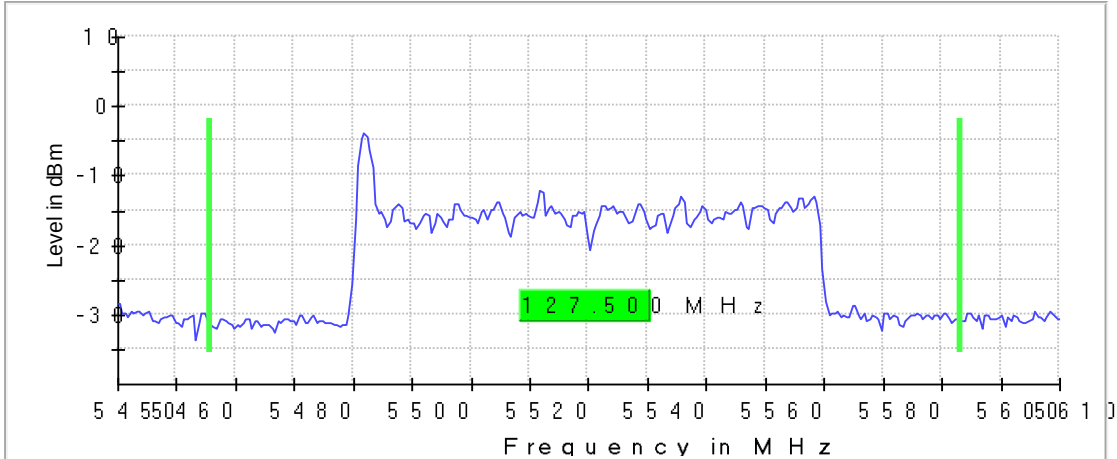
Setting	Instrument Value	Instrument Value
Start Frequency	5.45000 GHz	5.53000 GHz
Stop Frequency	5.61000 GHz	5.69000 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	320	320
Sweeptime	22.875 μ s	22.875 μ s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamplifier	Off	Off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	97 / max. 150	108 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.17 dB	0.17 dB

TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

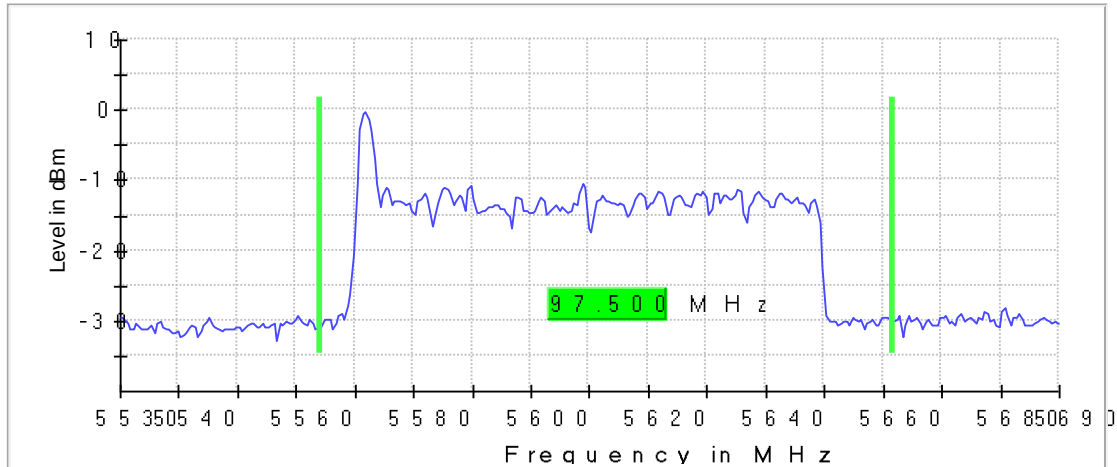
Lowest Channel

99 % Bandwidth



Highest Channel

99 % Bandwidth



TEST RESULTS (Cont.):		OCCUPIED BANDWIDTH	
Measurement			
Setting	Instrument Value	Instrument Value	
Start Frequency	5.45000 GHz	5.53000 GHz	
Stop Frequency	5.61000 GHz	5.69000 GHz	
Span	160.000 MHz	160.000 MHz	
RBW	1.000 MHz	1.000 MHz	
VBW	3.000 MHz	3.000 MHz	
SweepPoints	320	320	
Sweeptime	22.875 μs	22.875 μs	
Reference Level	0.000 dBm	0.000 dBm	
Attenuation	20.000 dB	20.000 dB	
Detector	MaxPeak	MaxPeak	
SweepCount	200	200	
Filter	3 dB	3 dB	
Trace Mode	Max Hold	Max Hold	
Sweeptype	FFT	FFT	
Preamplifier	Off	Off	
Stablemode	Trace	Trace	
Stablevalue	0.30 dB	0.30 dB	
Run	73 / max. 150	83 / max. 150	
Stable	5 / 5	5 / 5	
Max Stable Difference	0.12 dB	0.00 dB	

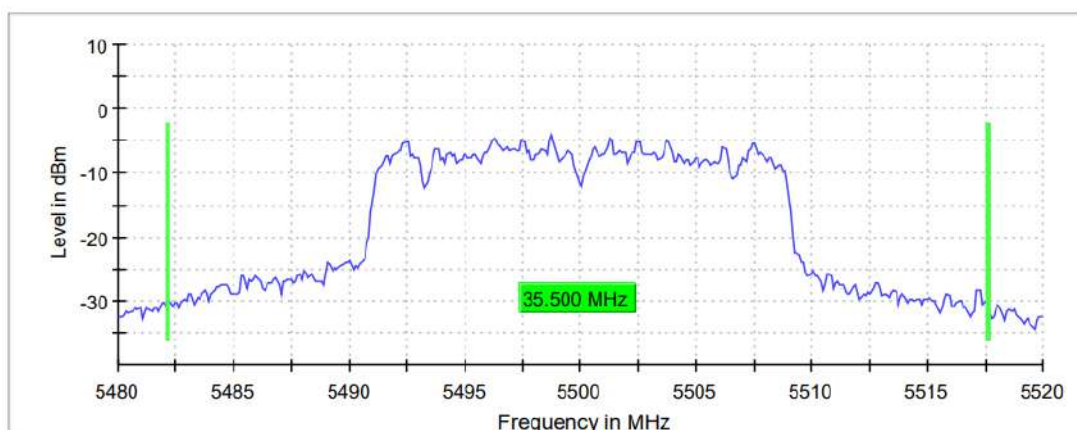
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

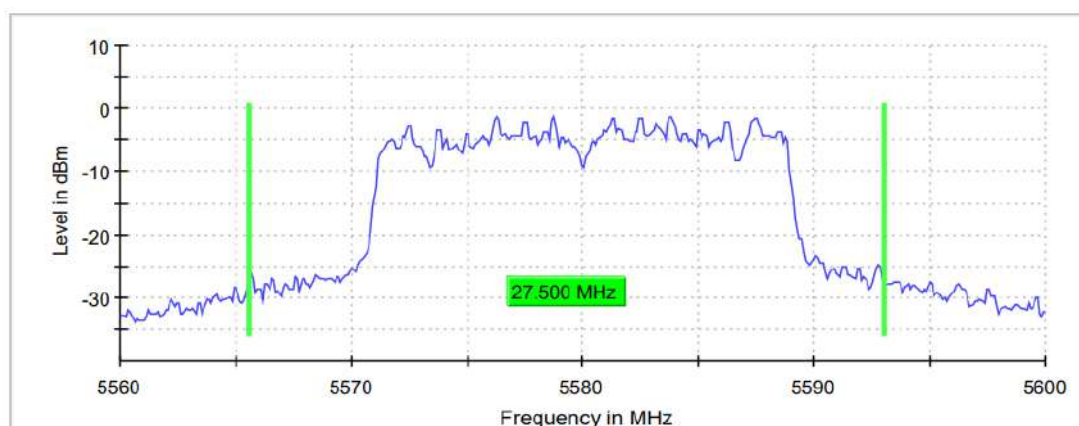
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
26dB bandwidth (MHz)	35.500	27.500	19.900
Occupied bandwidth (MHz)	18.000	17.500	17.500

26 dB Bandwidth:

Lowest Channel

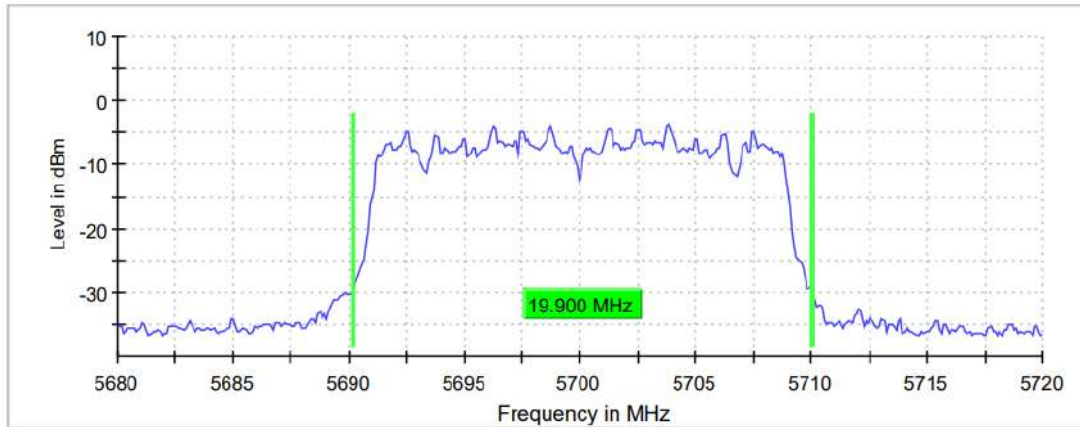


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



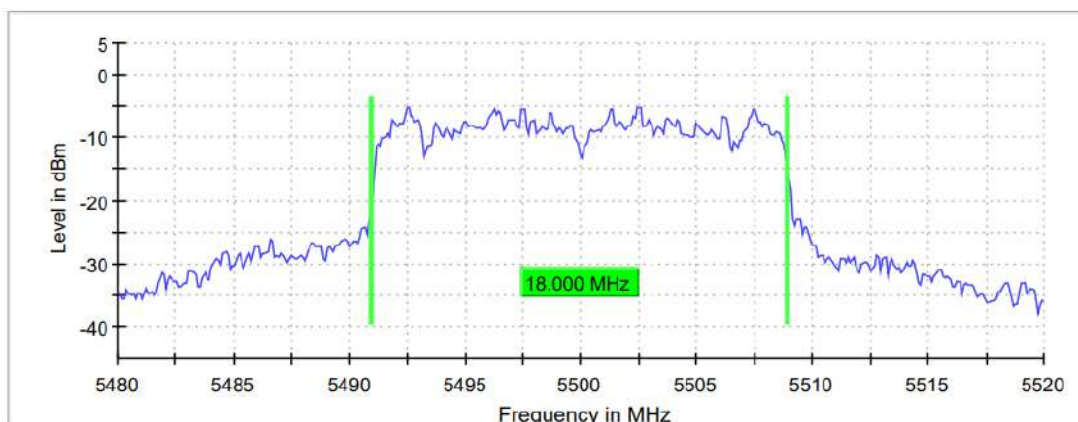
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.48000 GHz	5.56000 GHz	5.68000 GHz
Stop Frequency	5.52000 GHz	5.60000 GHz	5.72000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	109 / max. 150	71 / max. 150	84 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.09 dB	0.27 dB

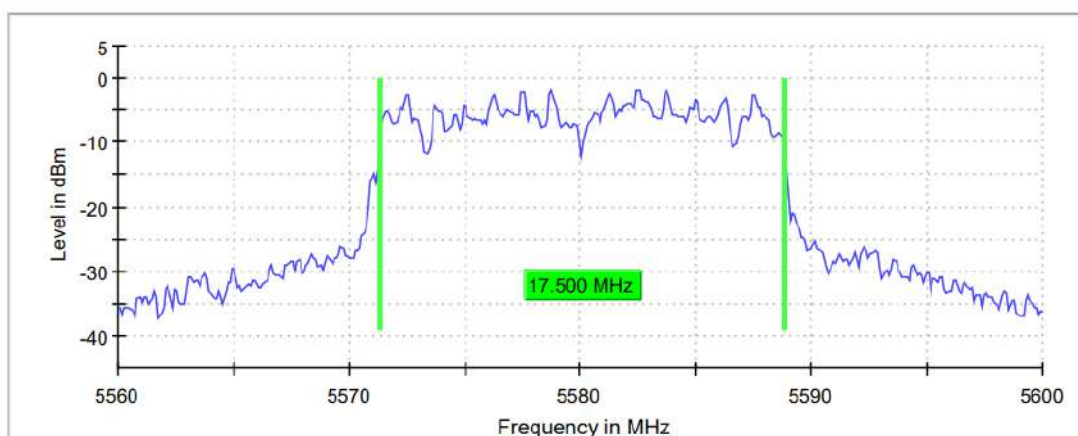
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.48000 GHz	5.56000 GHz	5.68000 GHz
Stop Frequency	5.52000 GHz	5.60000 GHz	5.72000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 μ s	28.477 μ s	28.477 μ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	126 / max. 150	108 / max. 150	79 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.02 dB	0.00 dB

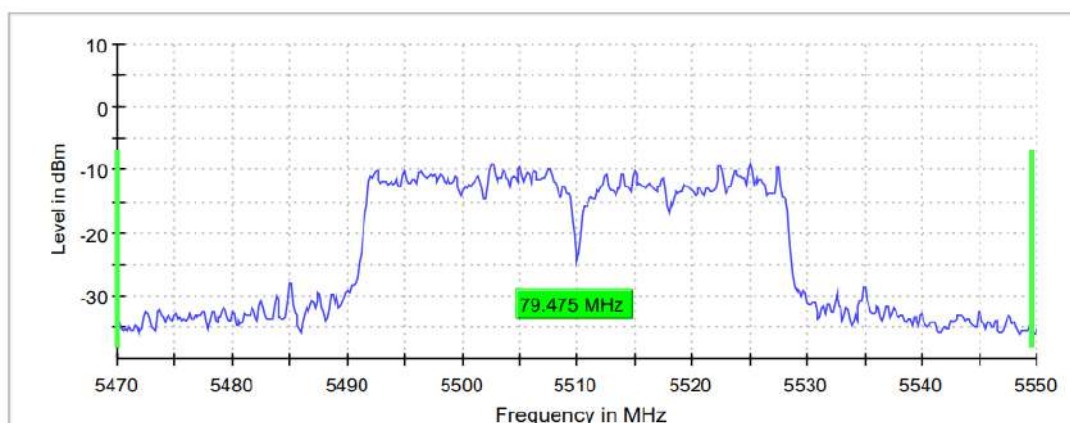
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

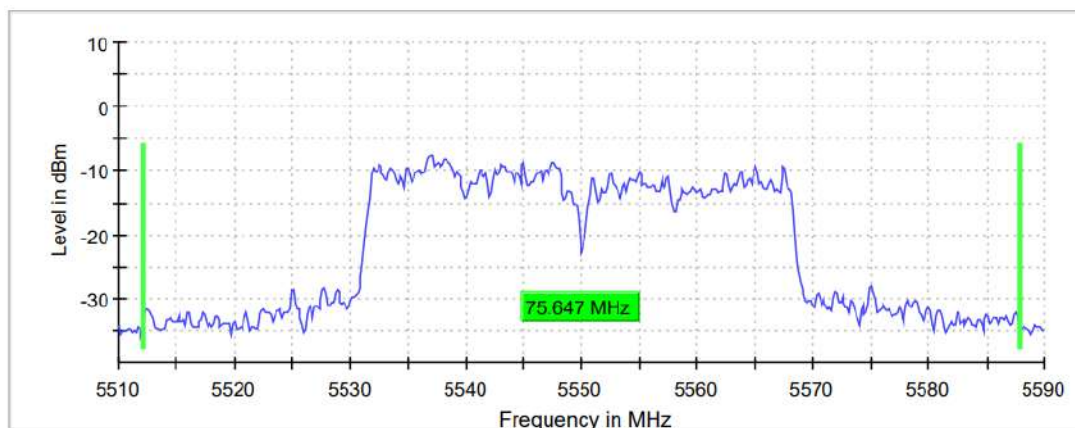
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
26dB bandwidth (MHz)	79.475	75.647	50.432
Occupied bandwidth (MHz)	37.000	36.750	36.250

26 dB Bandwidth

Lowest Channel

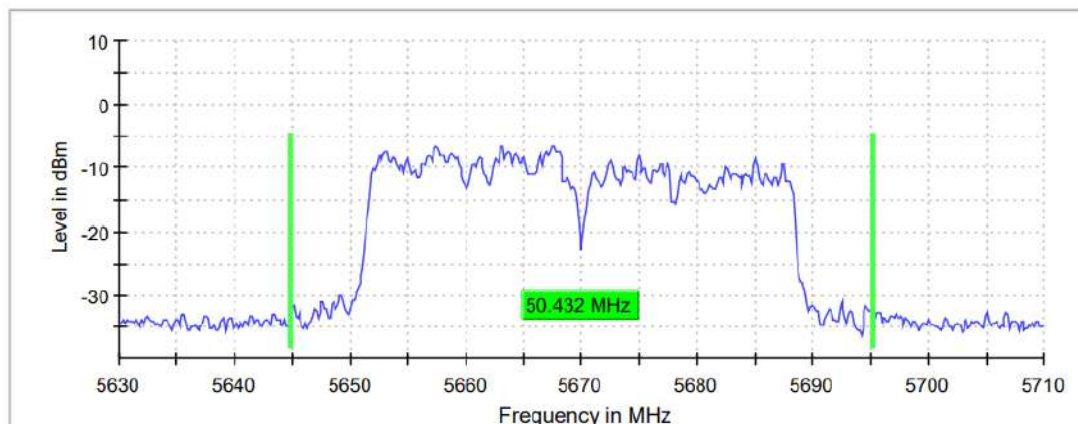


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.51000 GHz	5.63000 GHz
Stop Frequency	5.23000 GHz	5.59000 GHz	5.71000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	533	400	533
Sweep time	31.621 μ s	31.621 μ s	31.621 μ s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	63 / max. 150	71 / max. 150	76 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.13 dB	0.09 dB	0.00dB

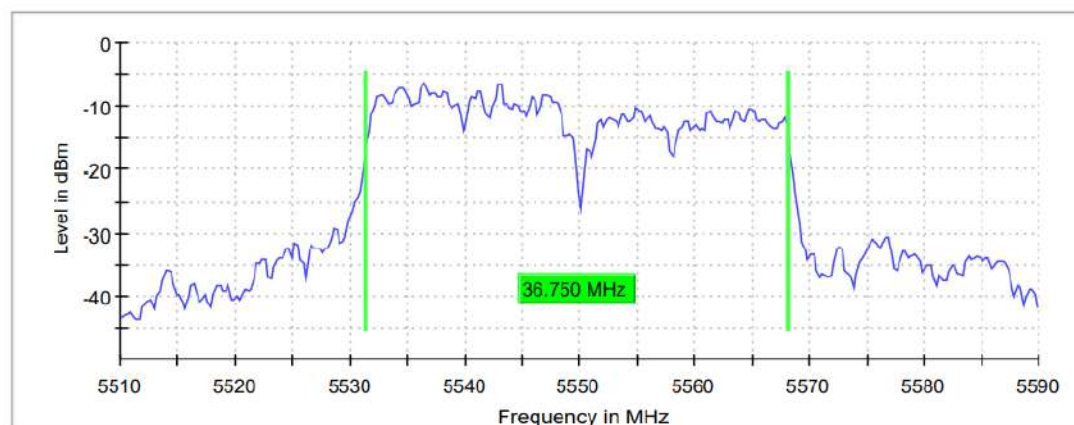
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

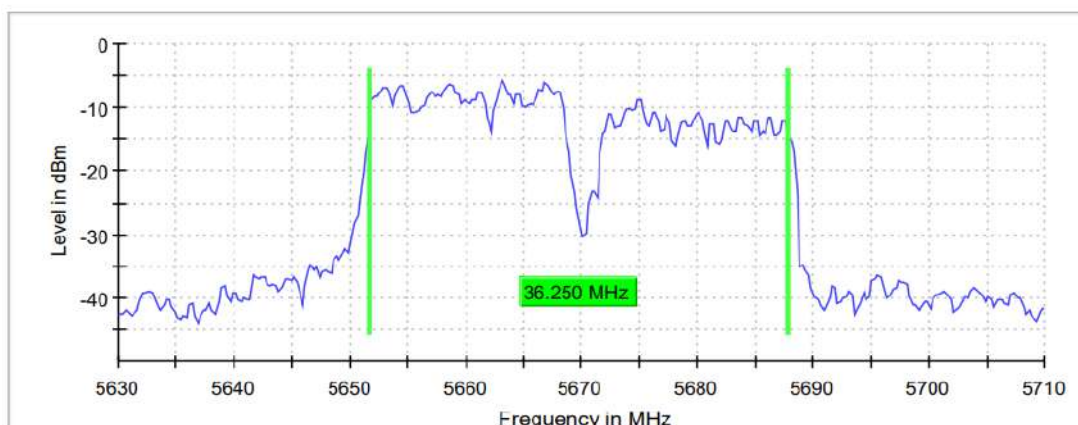
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

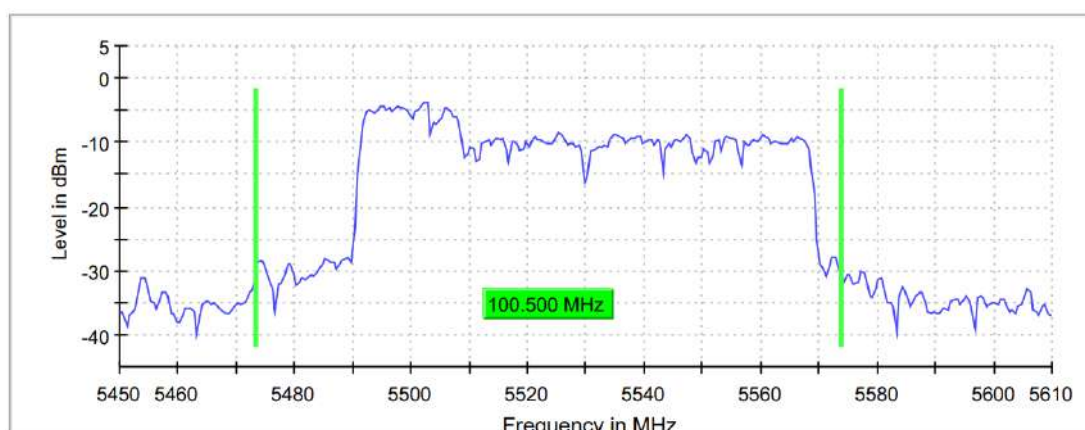
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.47000 GHz	5.51000 GHz	5.63000 GHz
Stop Frequency	5.55000 GHz	5.59000 GHz	5.71000 GHz
Span	80.000 MHz	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz	2.000 MHz
Sweep Points	320	320	320
Sweep time	18.906 μ s	18.906 μ s	18.906 μ s
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	Off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	54 / max. 150	71 / max. 150	45 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.09 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

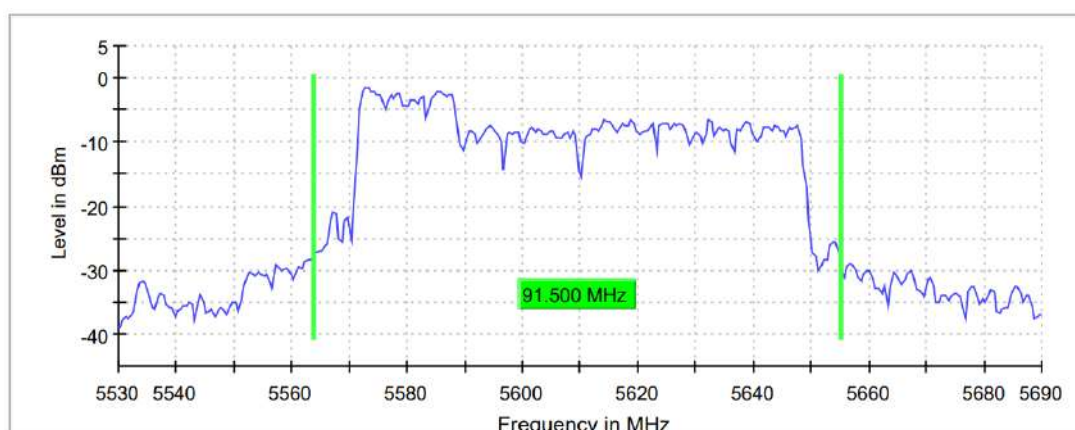
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
26dB bandwidth (MHz)	100.500	91.500
Occupied bandwidth (MHz)	77.000	77.000

26 dB Bandwidth Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.45000 GHz	5.53000 GHz
Stop Frequency	5.61000 GHz	5.69000 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	320	320
Sweep time	22.875 μ s	22.875 μ s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	53 / max. 150	53 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

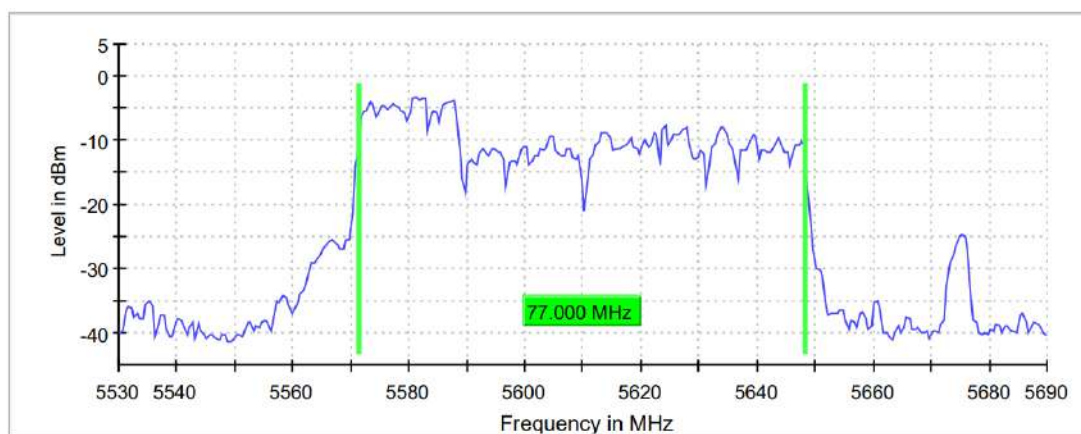
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.45000 GHz	5.53000 GHz
Stop Frequency	5.61000 GHz	5.69000 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	320	320
Sweep time	22.875 μ s	22.875 μ s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	Off	Off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	51 / max. 150	56 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.05 dB	0.05 dB

SECTION D.2: POWER LIMITS. MAXIMUM OUTPUT POWER

LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (iv) 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 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 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.

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band. The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

TEST SETUP

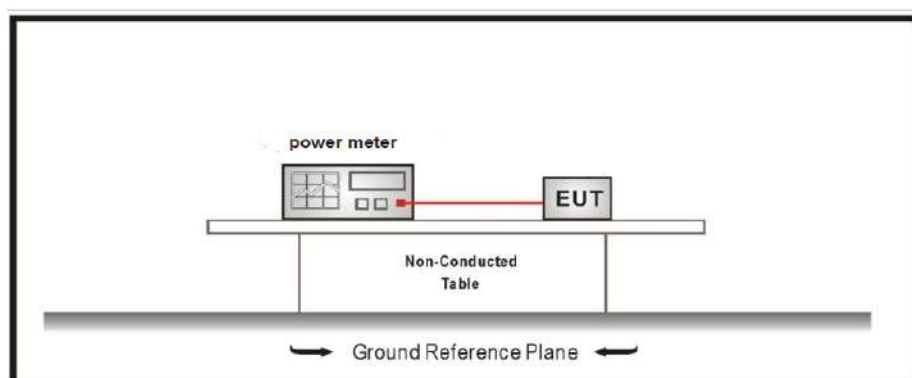
Measured according to ANSI C63.10, Section 11.9.2.3.2 Method AVGPM-G

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

Note: The following test results are shown based on KDB 662911 D01 Multiple Transmitter Output v02r01 E) 1) In-Band Power Measurements.

As Per KDB 662911 D01 Multiple Transmitter Output v02r01, for 802.11ac and ax Beam forming mode the directional gain for 2 TX antennas are calculated as follows:

Directional Gain = Antenna gain + $10 \log(N_{ANT})$



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

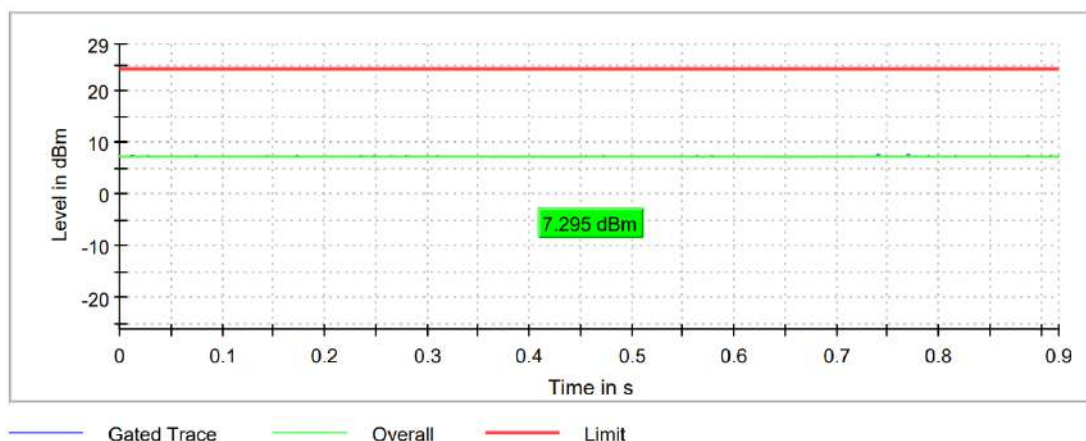
Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	7.295	9.035	8.280
Maximum EIRP power (dBm)	4.495	6.235	5.480

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

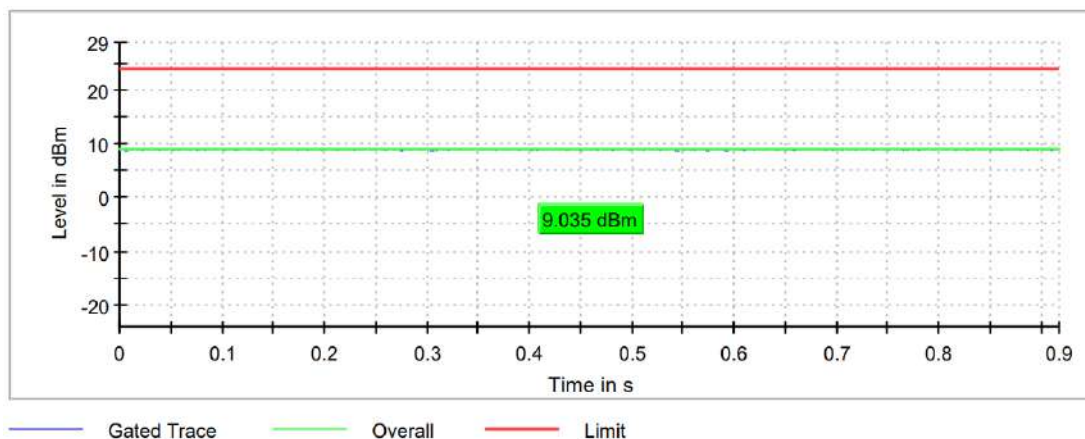
Lowest Channel



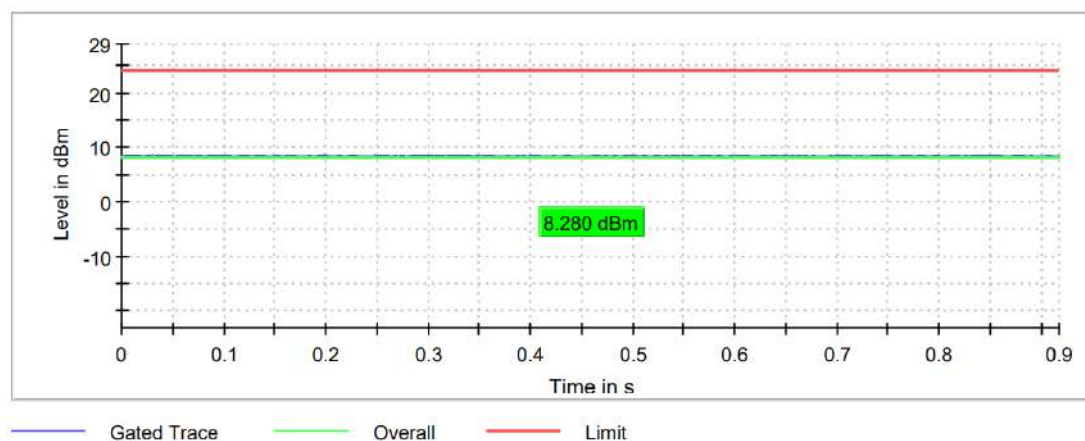
TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Middle Channel



Highest Channel



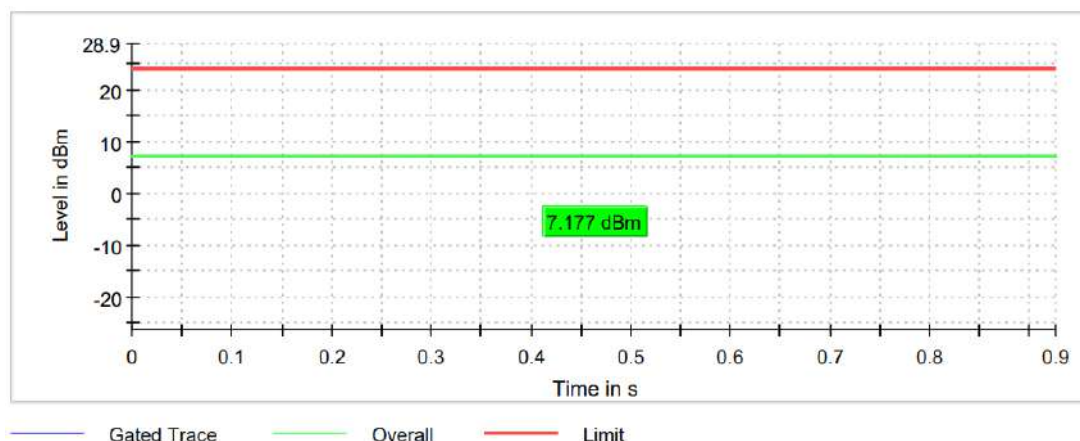
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode SISO Radio B)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

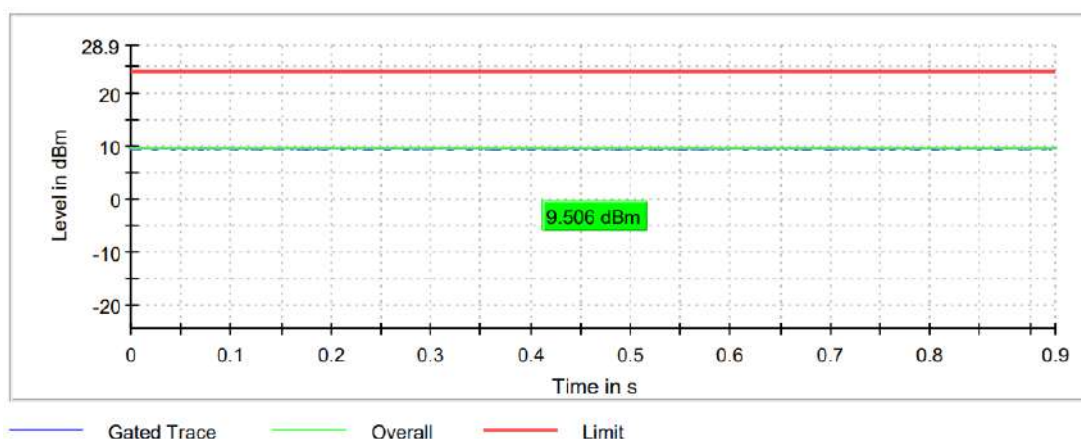
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	7.177	9.506	10.199
Maximum EIRP power (dBm)	4.377	6.706	7.399

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

Lowest Channel



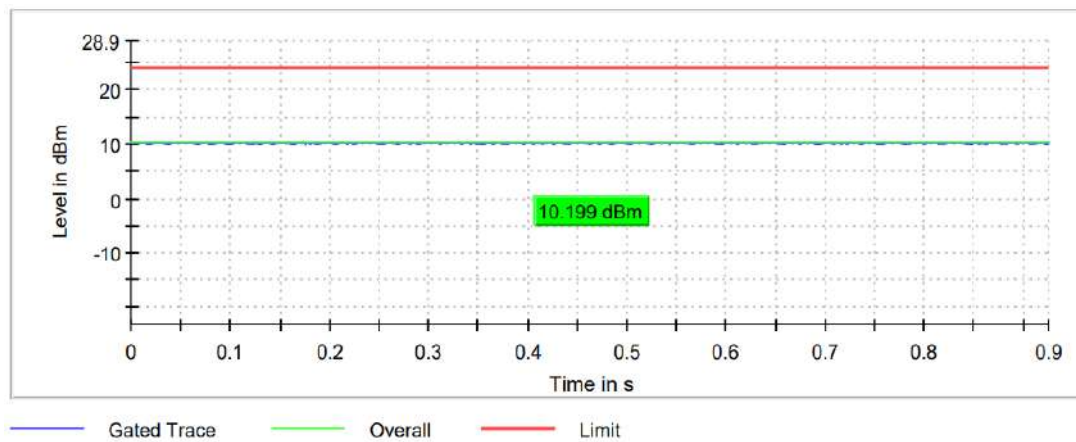
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#01 (a mode MIMO Radio A+B)

TEST RESULTS:

PASS

Maximum declared antenna gain: -2.8 dBi

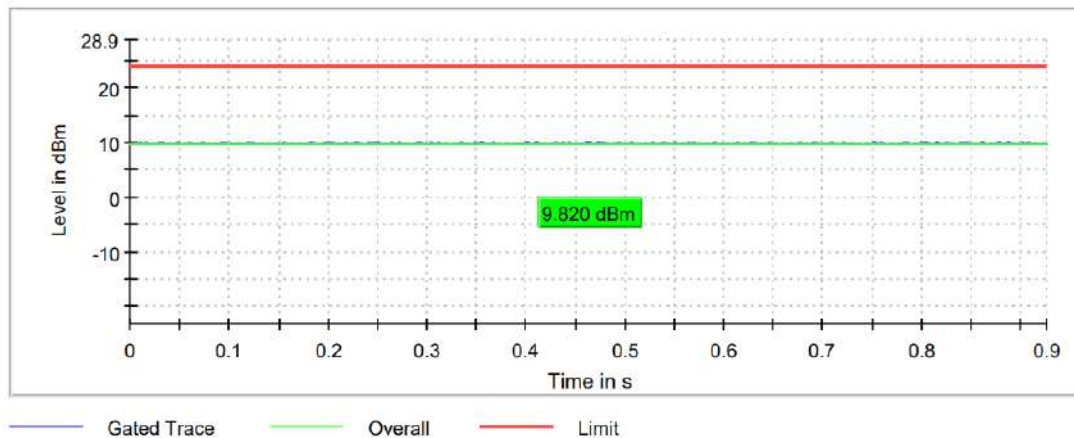
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	9.820	11.297	10.803
Maximum EIRP power (dBm)	7.020	8.497	8.003

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

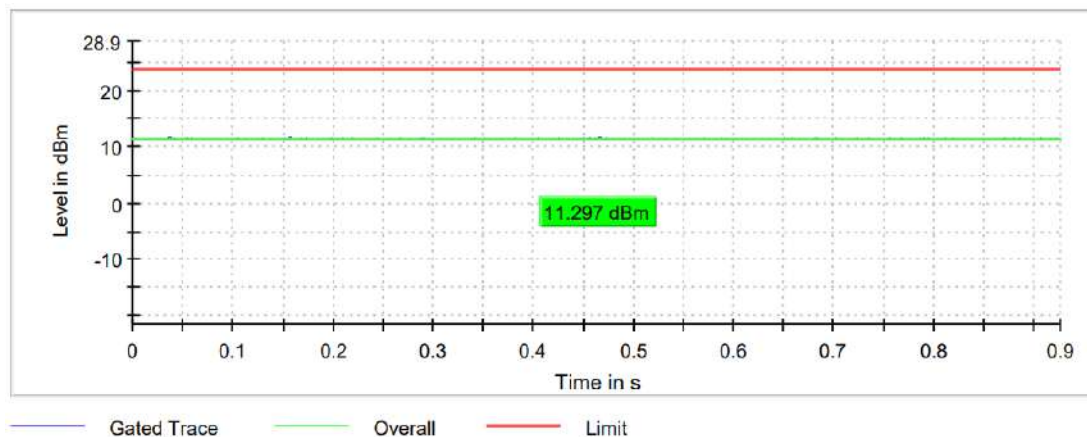
TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

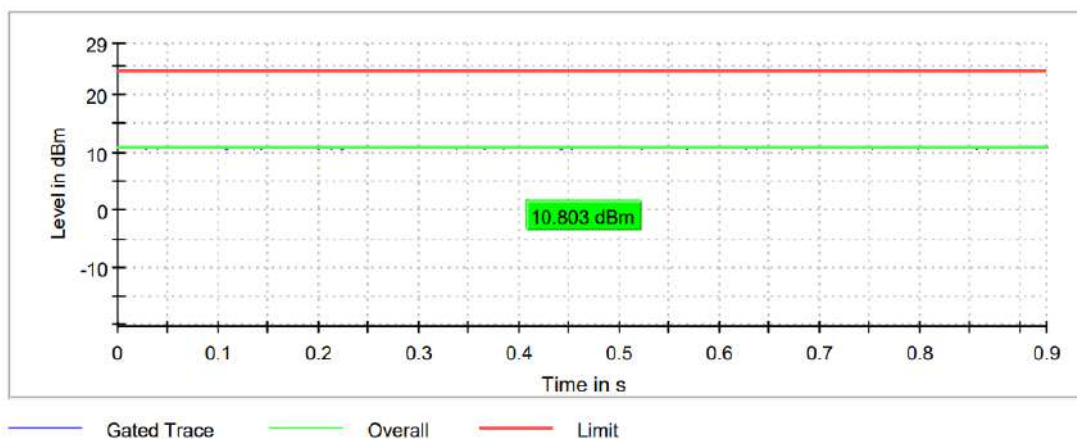
Lowest Channel



Middle Channel



Highest Channel



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

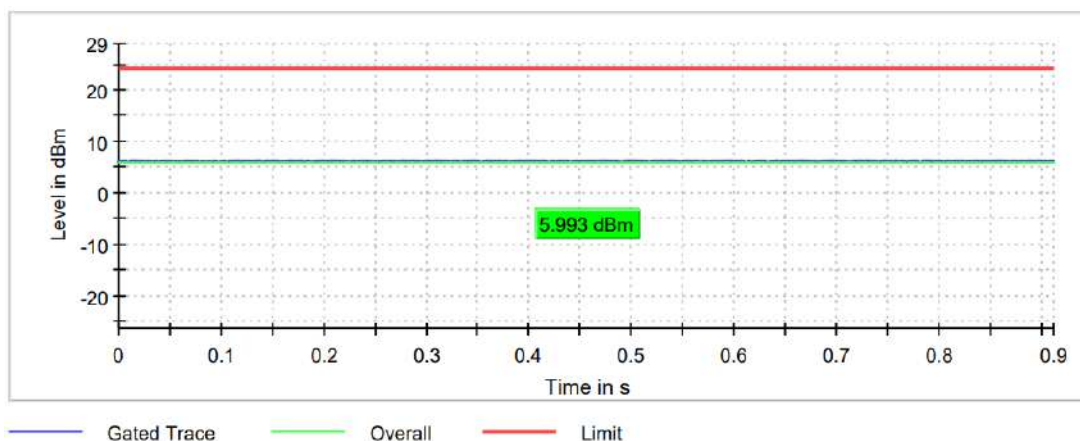
Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

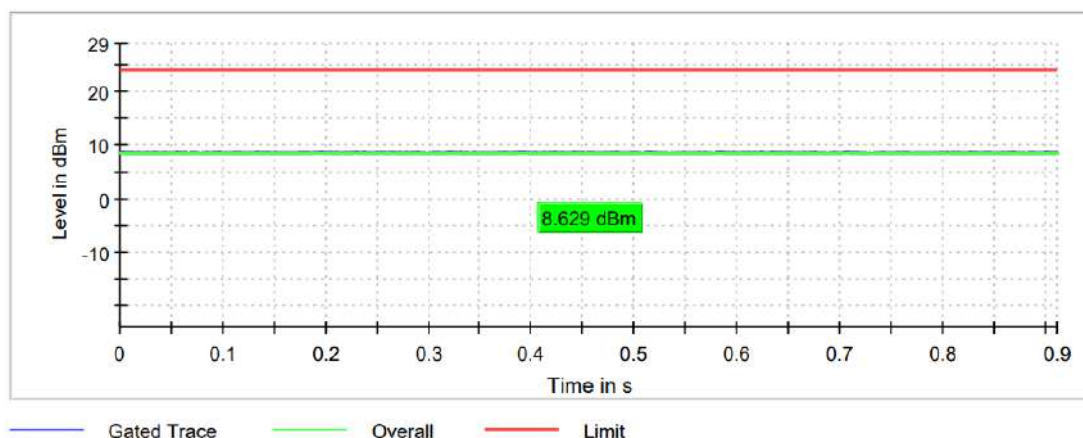
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	5.993	8.629	7.694
Maximum EIRP power (dBm)	3.193	5.829	4.894

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

Lowest Channel



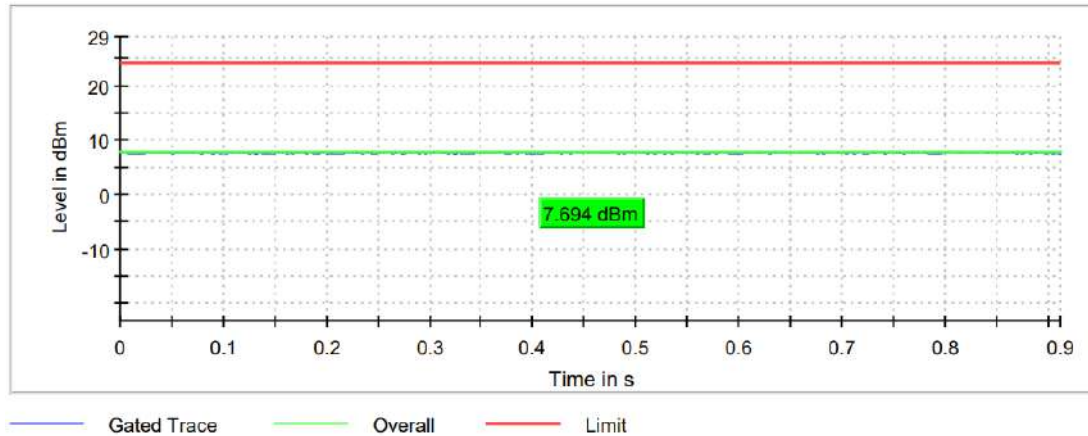
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#02 (n mode SISO Radio B)

TEST RESULTS:

PASS

Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

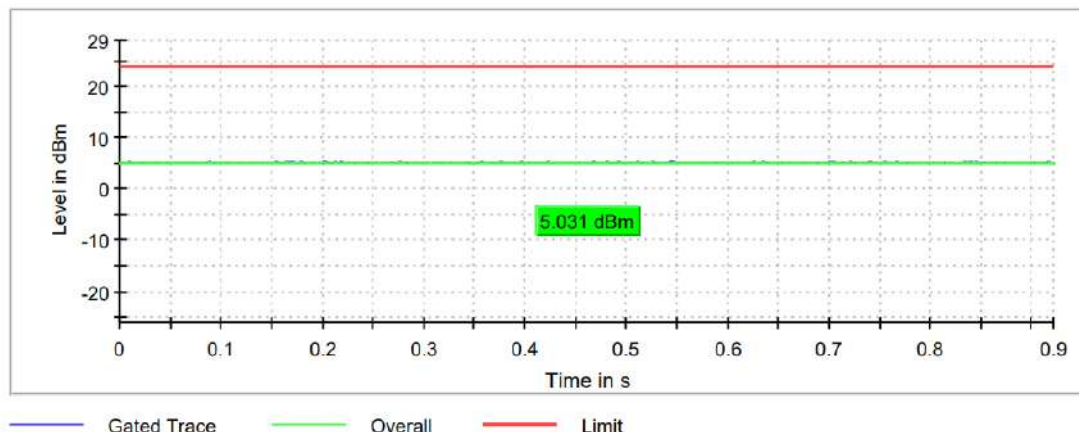
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	5.031	7.269	8.320
Maximum EIRP power (dBm)	2.231	4.469	5.520

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

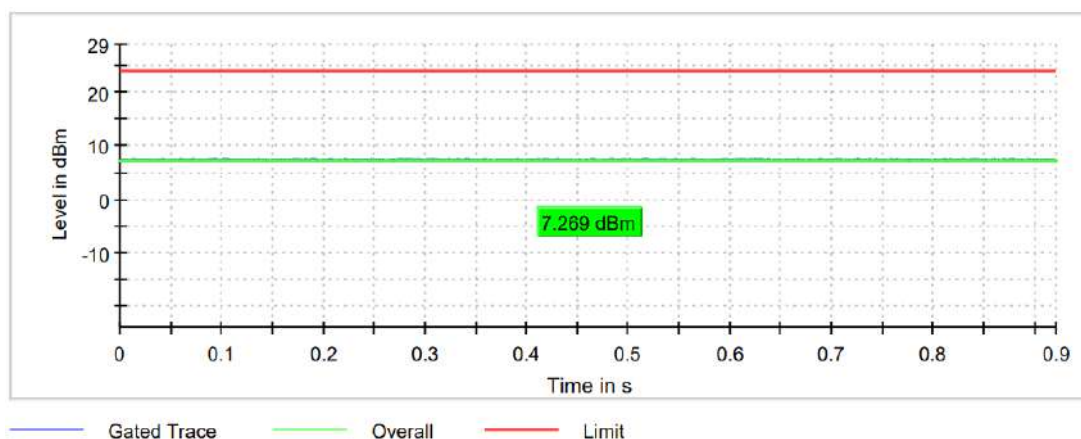
TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

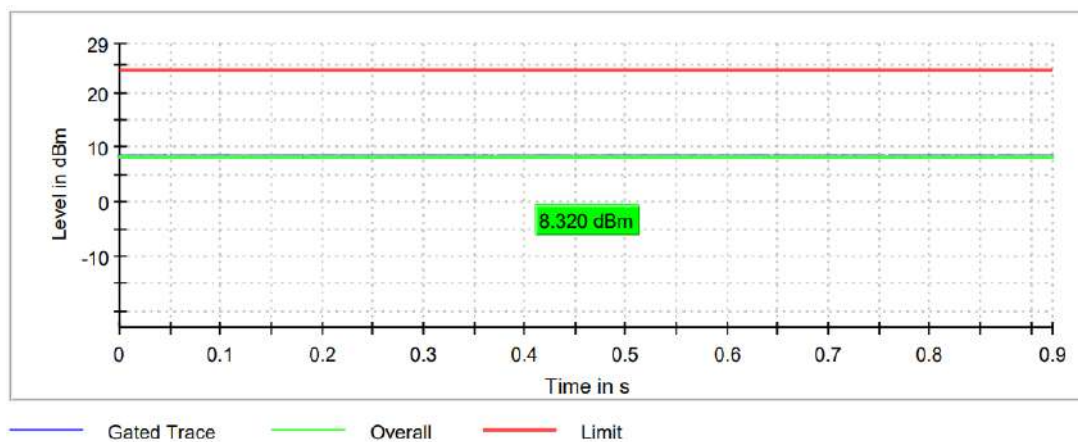
Lowest Channel



Middle Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n mode MIMO Radio A+B)
TEST RESULTS:	PASS

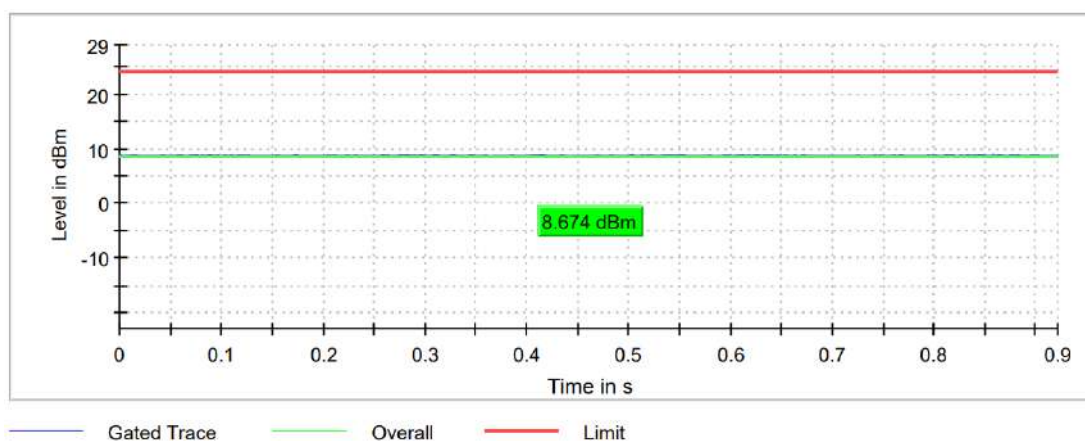
Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

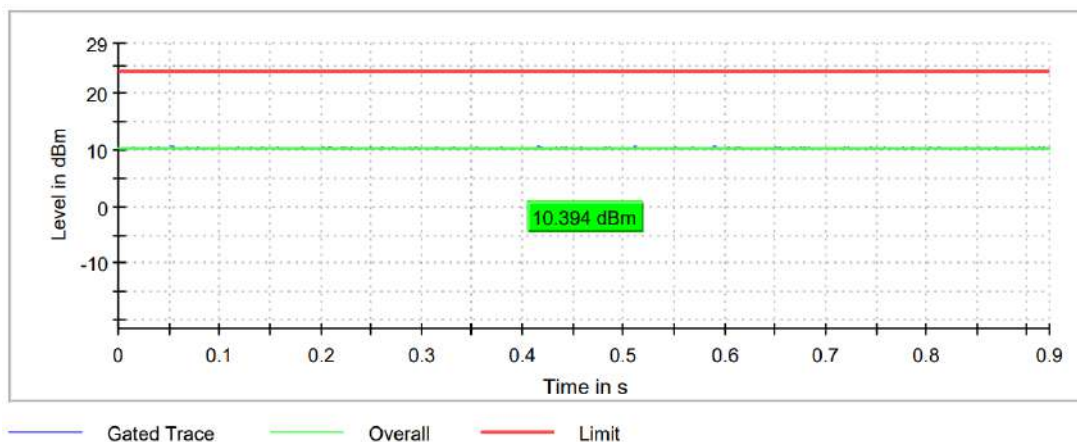
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	8.674	10.394	9.887
Maximum EIRP power (dBm)	5.874	7.594	7.087

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

Lowest Channel



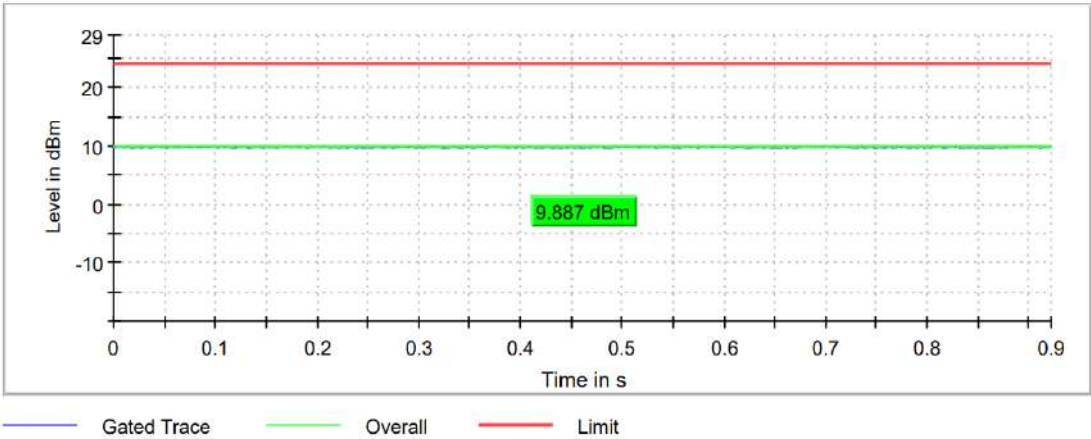
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



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

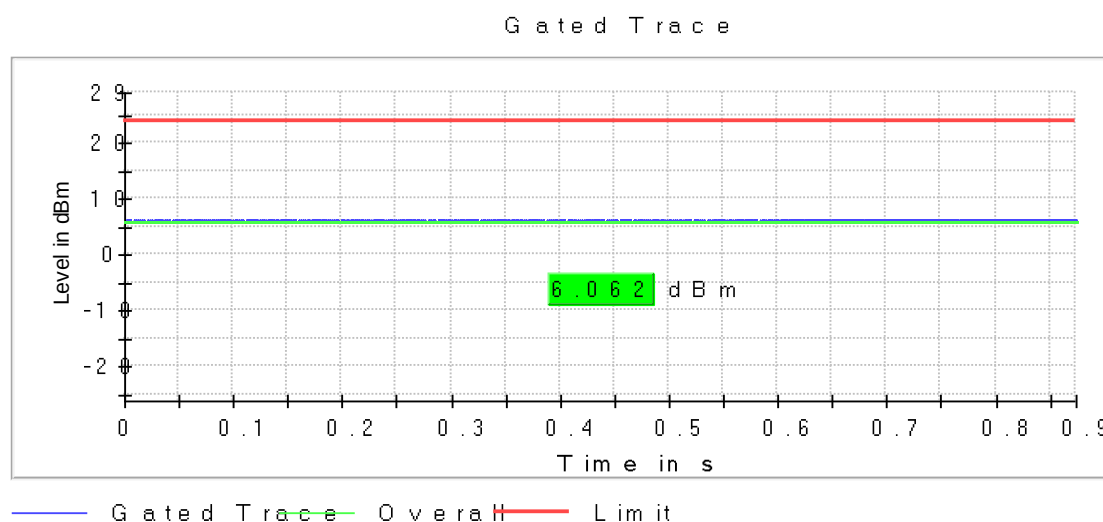
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

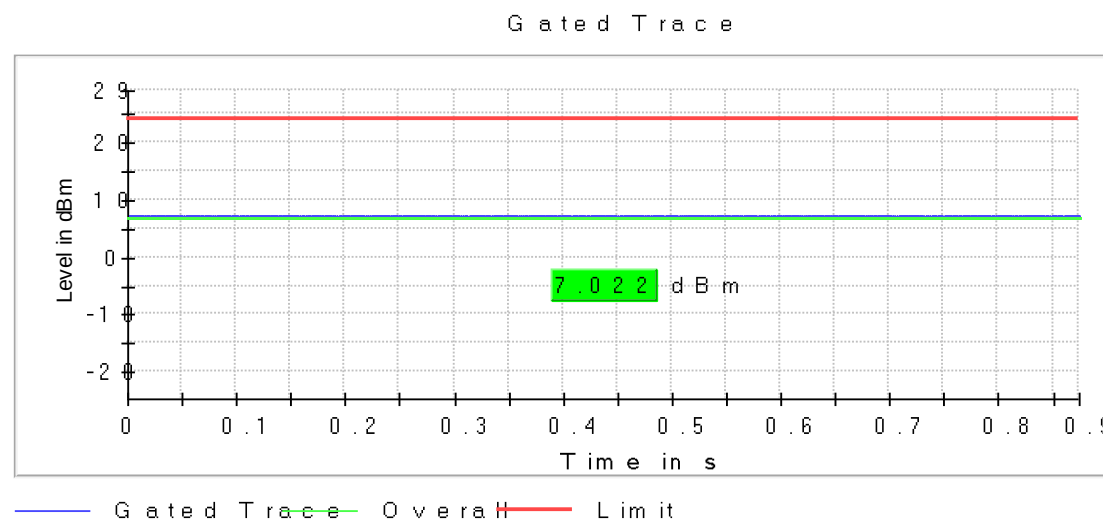
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	6.062	7.022	8.021
Maximum EIRP power (dBm)	3.262	4.222	5.221

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

Lowest Channel



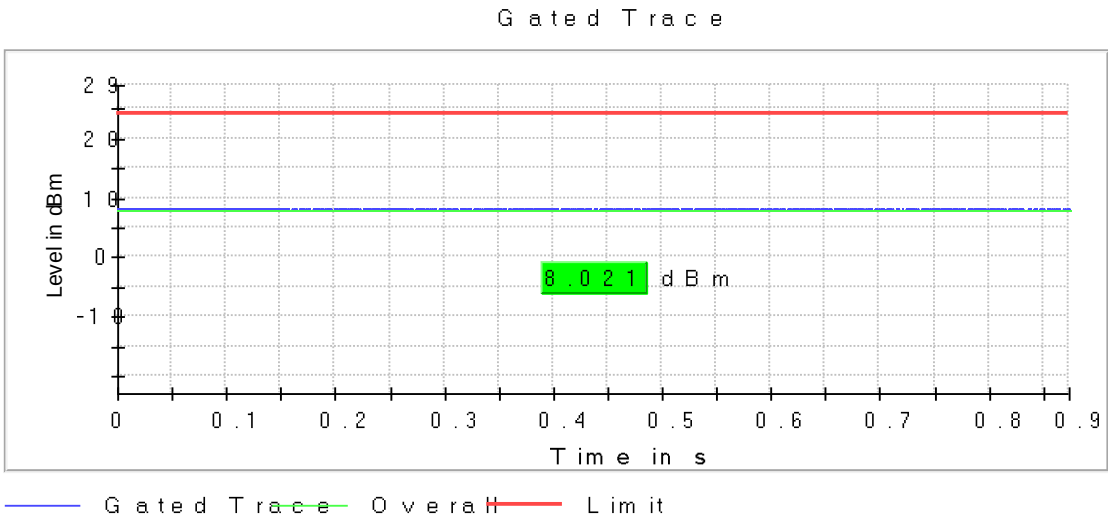
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



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

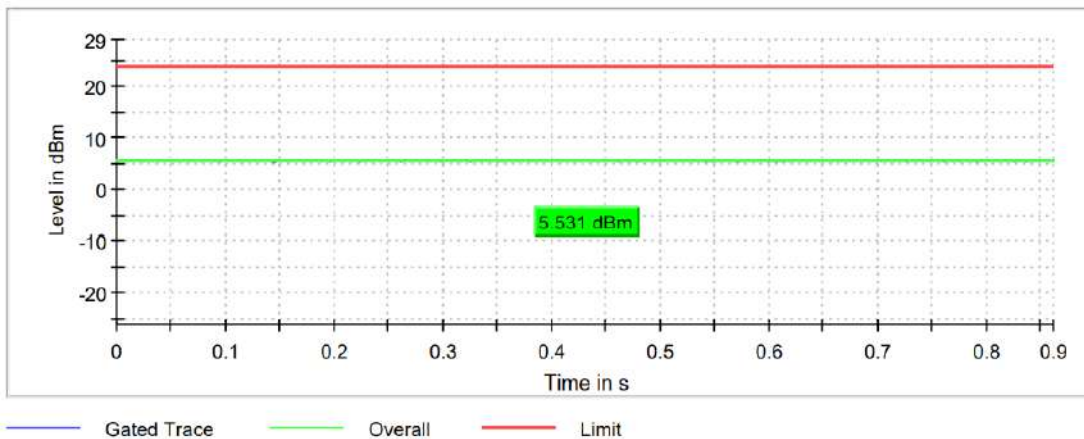
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

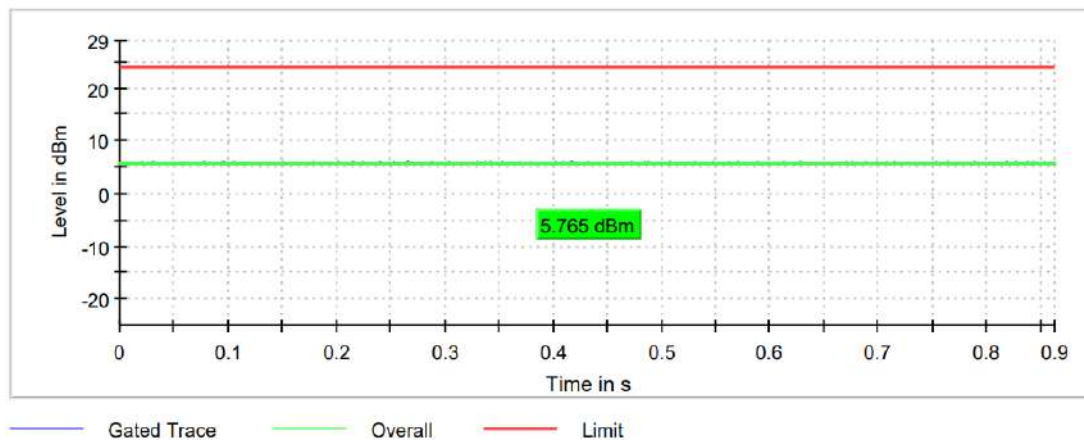
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	5.531	5.765	7.679
Maximum EIRP power (dBm)	2.731	2.965	4.879

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

Lowest Channel



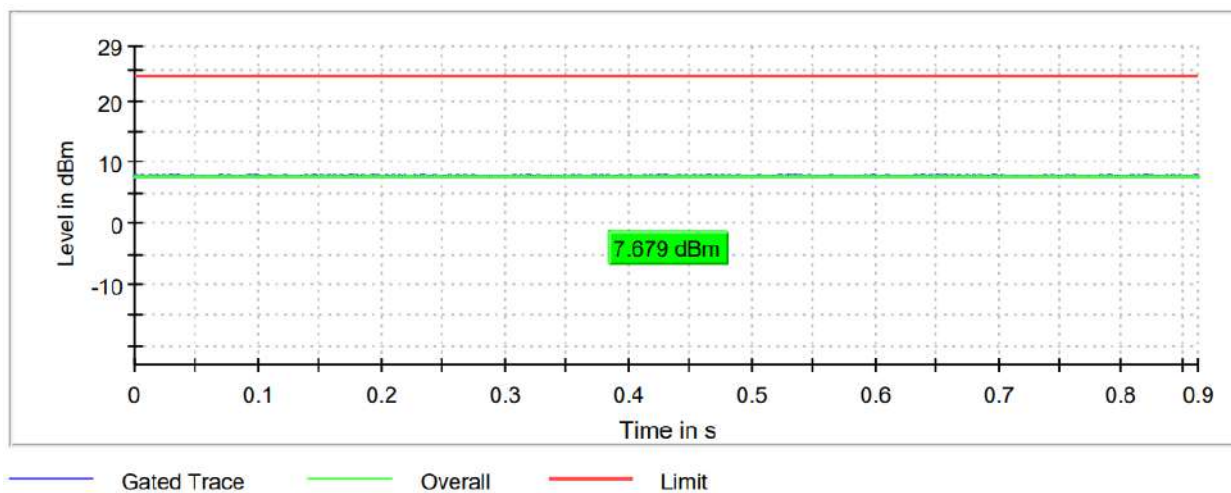
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n mode MIMO Radio A+B)
TEST RESULTS:	PASS

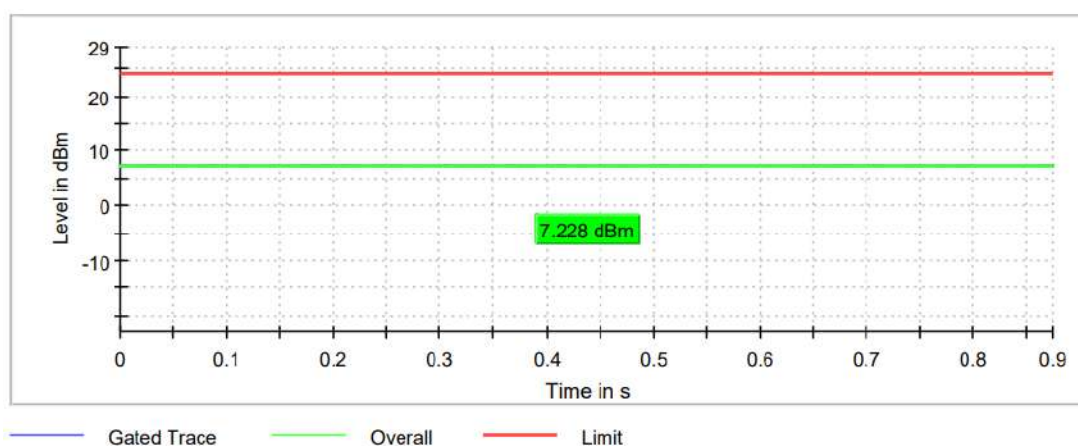
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

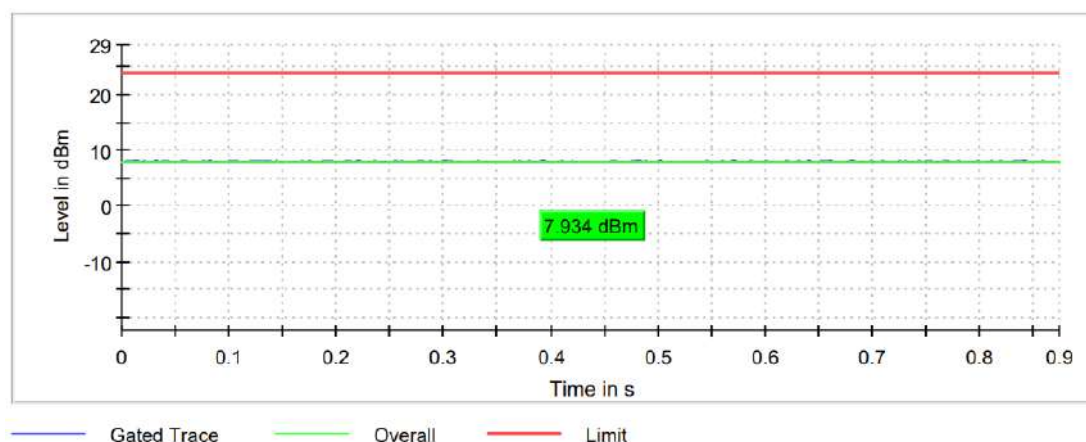
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	7.228	7.934	9.109
Maximum EIRP power (dBm)	4.428	5.134	6.309

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

Lowest Channel



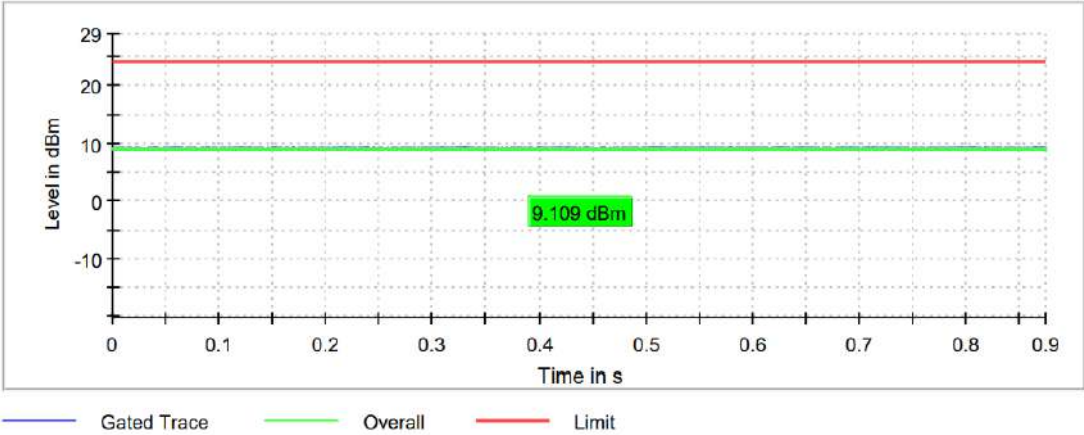
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



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

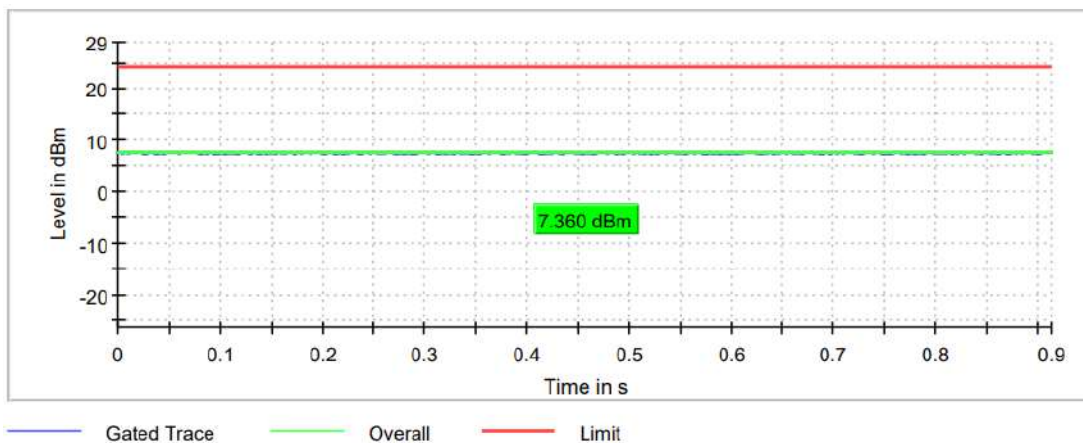
Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

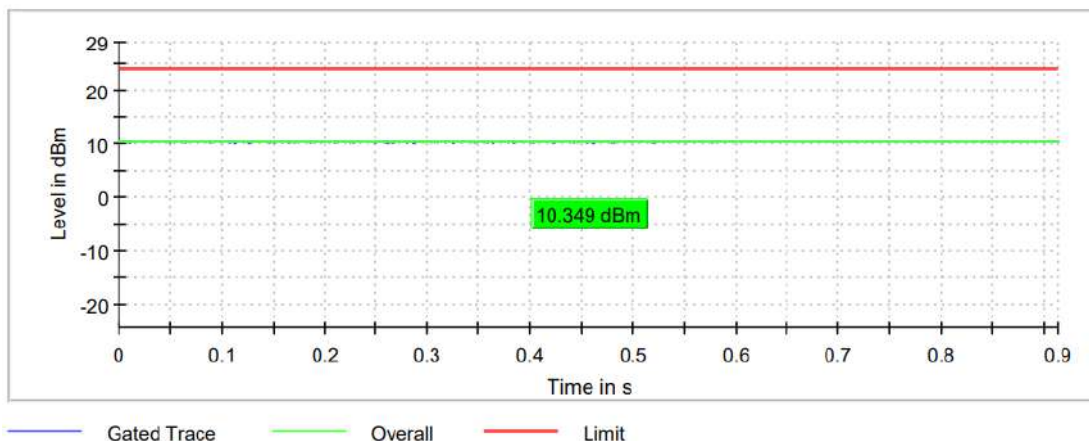
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	7.360	10.349	8.323
Maximum EIRP power (dBm)	4.560	7.549	5.523

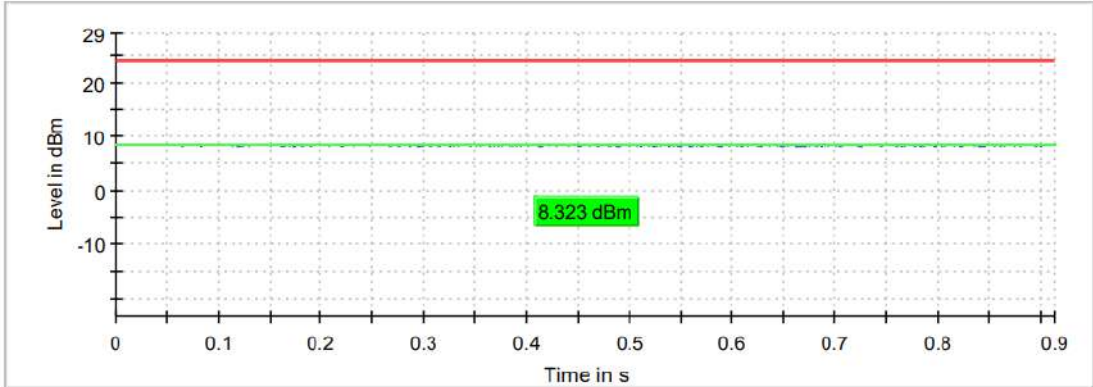
The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

Lowest Channel



Middle Channel

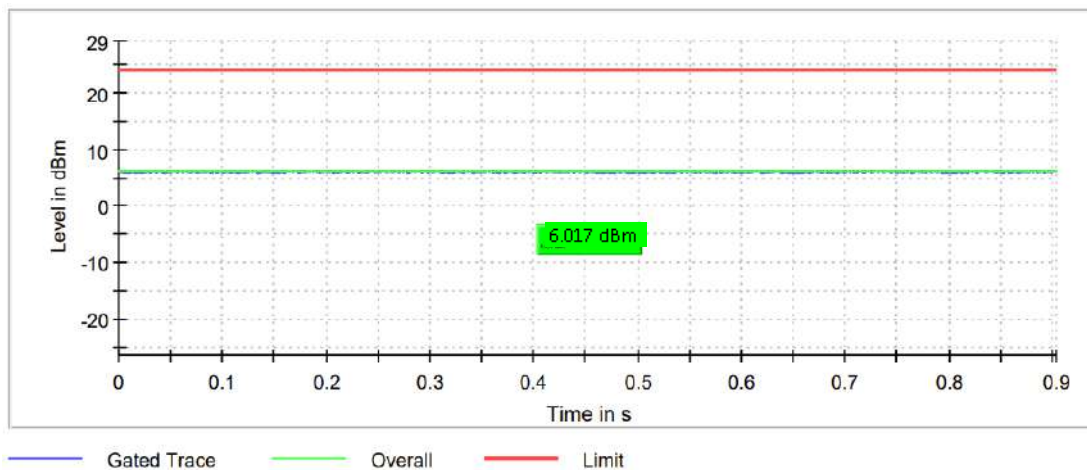


TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER		
Highest Channel			
 Gated Trace Overall Limit			
TESTED SAMPLES:	S/01		
TESTED CONDITIONS MODES:	TC#03 (ac mode SISO Radio B)		
TEST RESULTS:	PASS		
Bandwidth: 20 MHz			
Maximum declared antenna gain: -2.8 dBi			
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	6.017	8.367	9.235
Maximum EIRP power (dBm)	3.217	5.567	6.435
The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.			

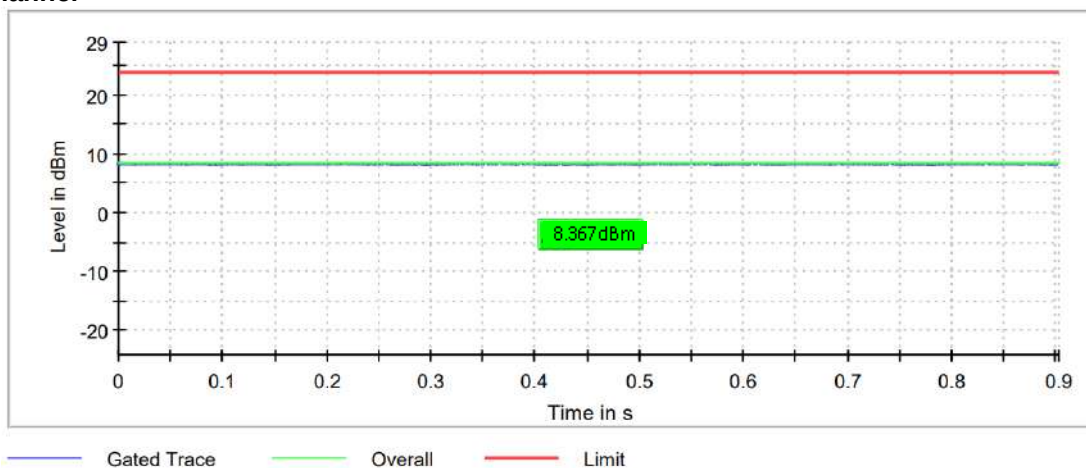
TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

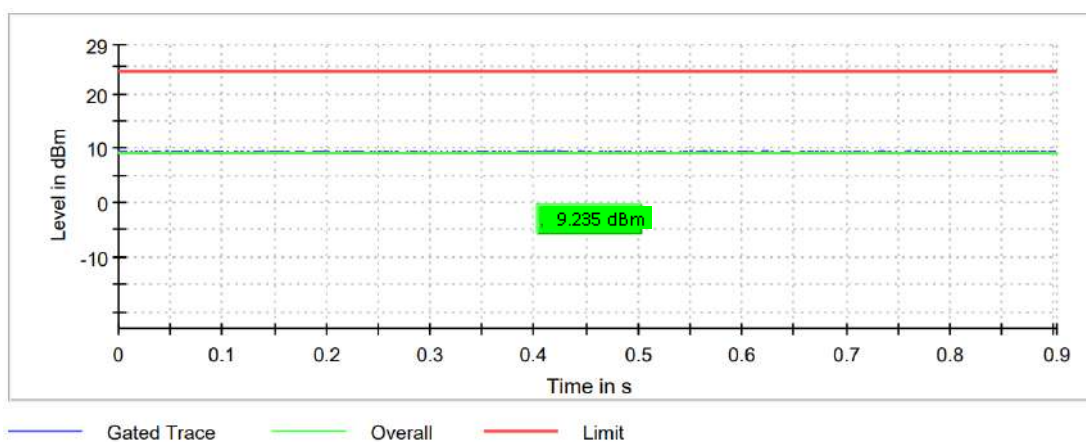
Lowest Channel



Middle Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode MIMO Radio A+B)
TEST RESULTS:	PASS

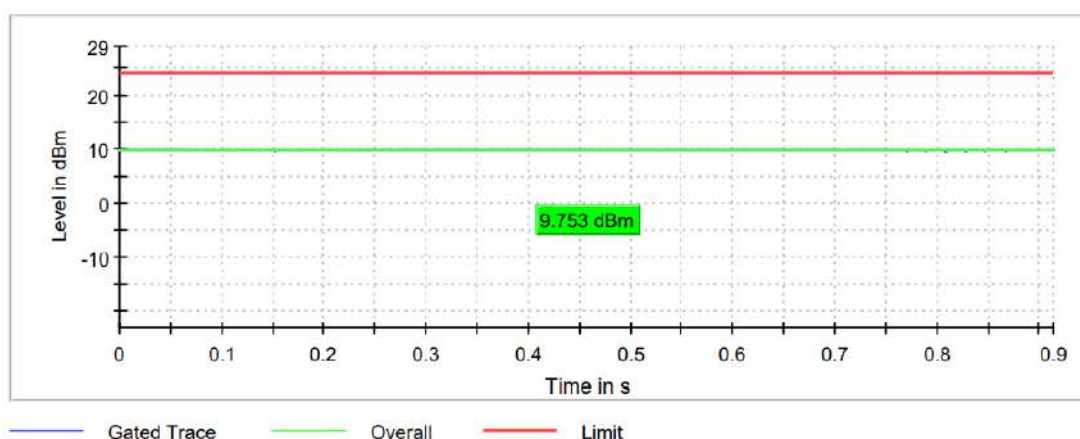
Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

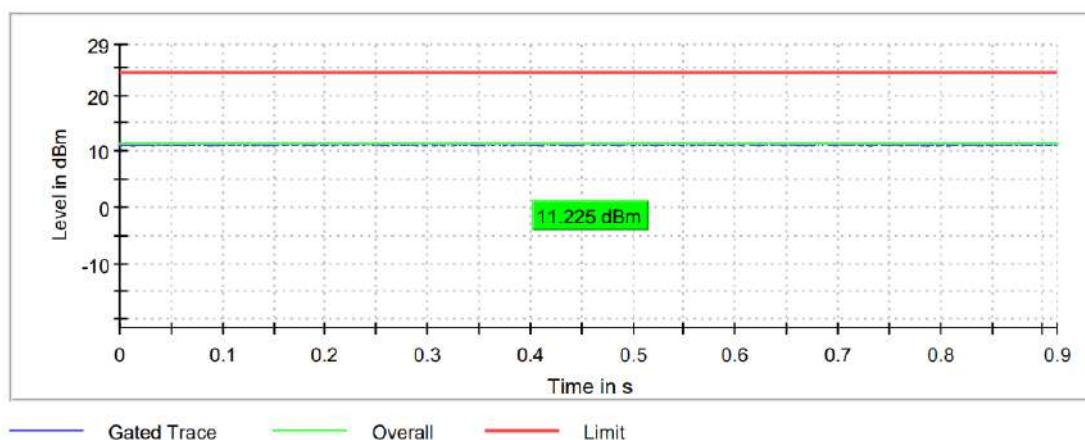
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	9.753	11.225	10.942
Maximum EIRP power (dBm)	6.953	8.425	8.142

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

Lowest Channel



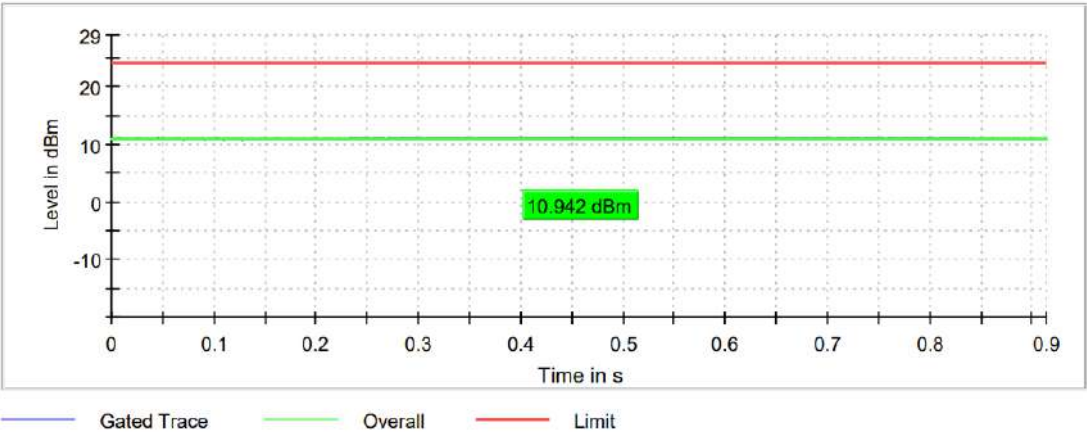
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



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

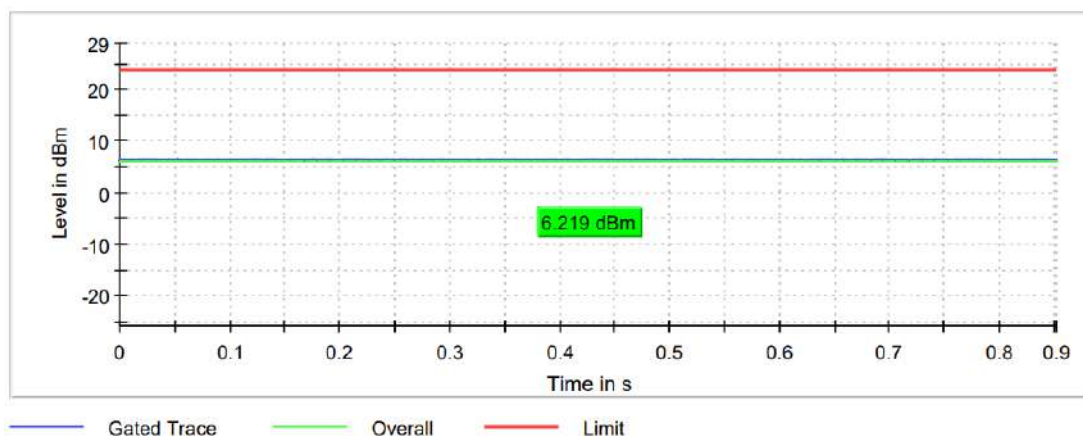
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

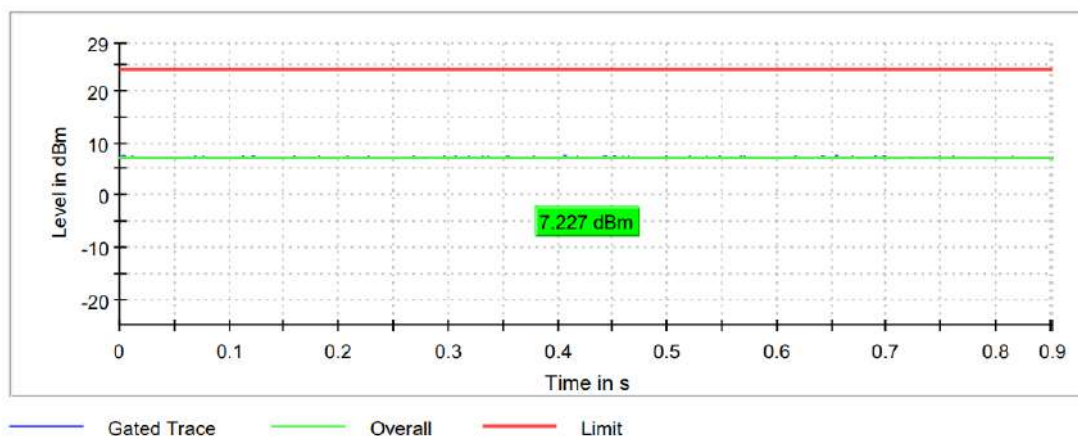
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	6.219	7.227	8.740
Maximum EIRP power (dBm)	3.419	4.427	5.940

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

Lowest Channel



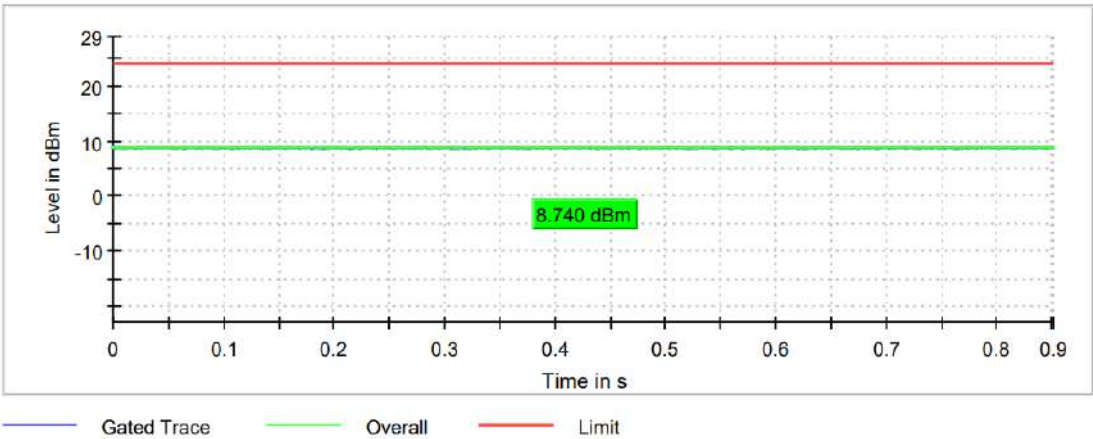
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (ac mode SISO Radio B)
TEST RESULTS:	PASS

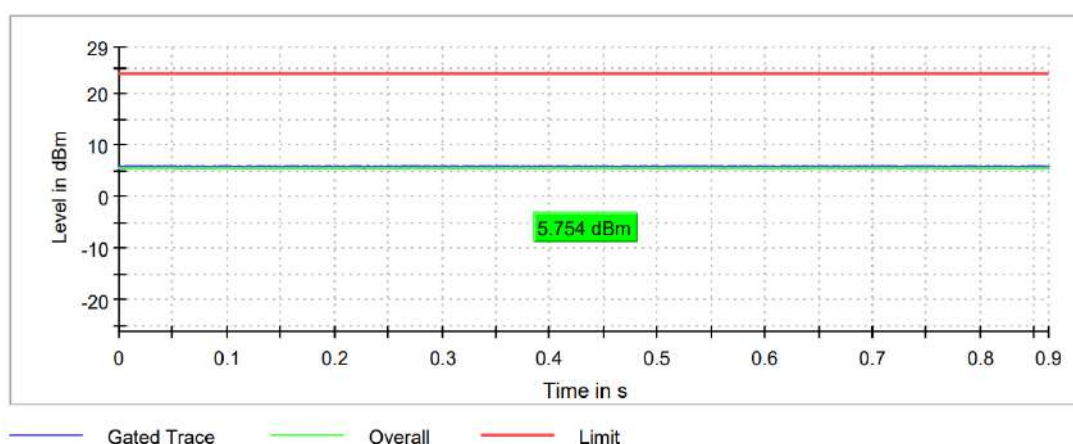
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

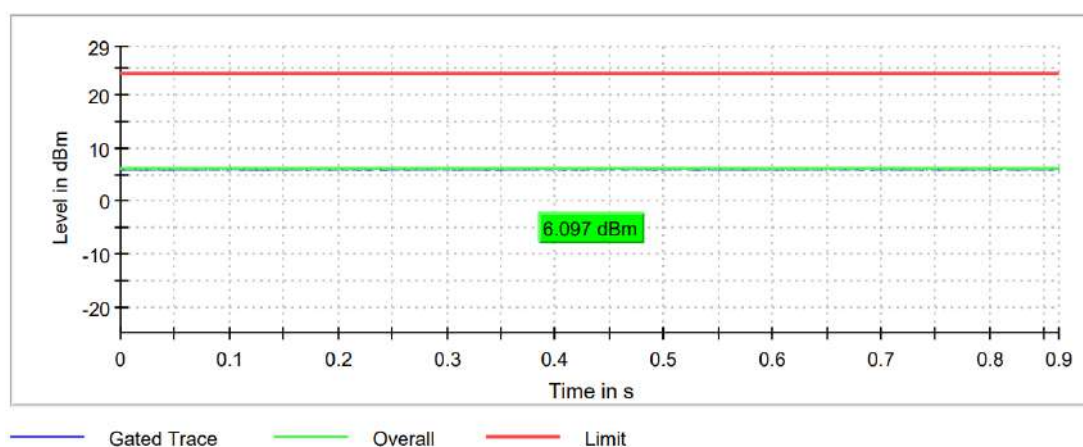
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	5.754	6.097	8.140
Maximum EIRP power (dBm)	2.954	3.297	5.340

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

Lowest Channel



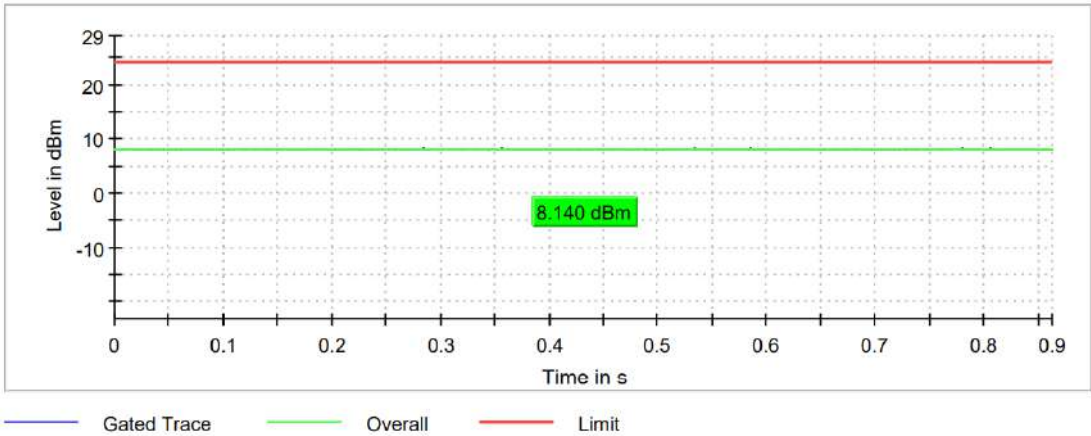
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode MIMO Radio A+B)
TEST RESULTS:	PASS

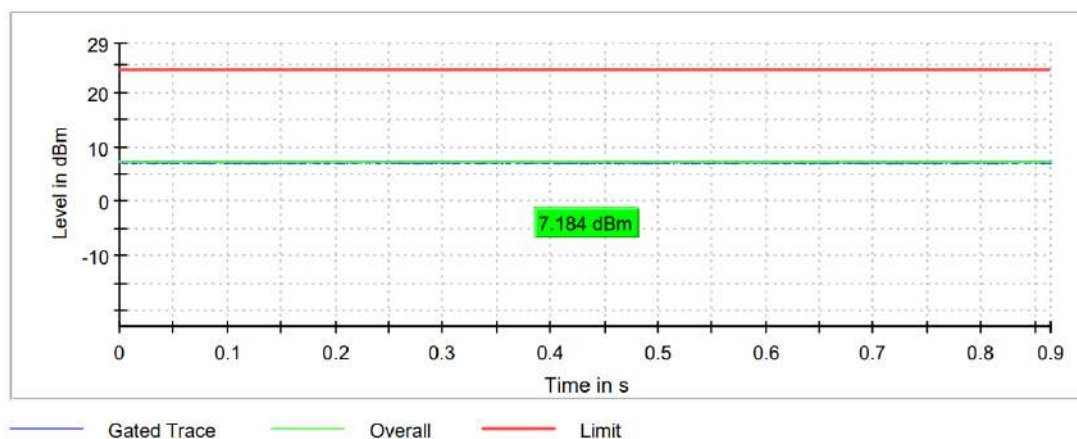
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

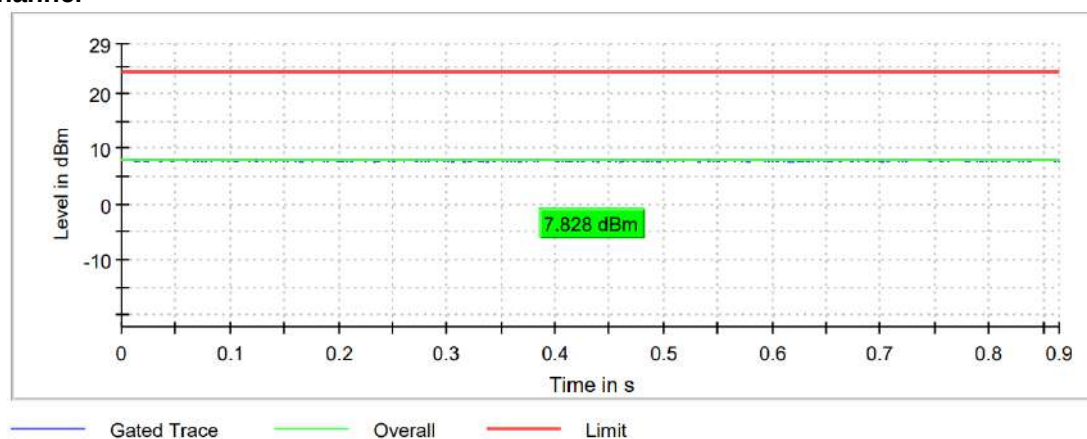
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	7.184	7.828	8.968
Maximum EIRP power (dBm)	4.384	5.028	6.168

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

Lowest Channel



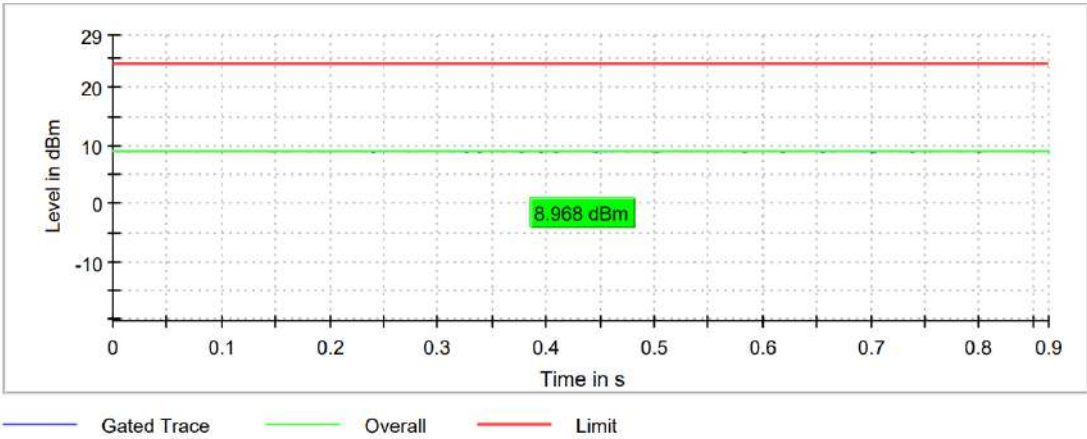
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



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

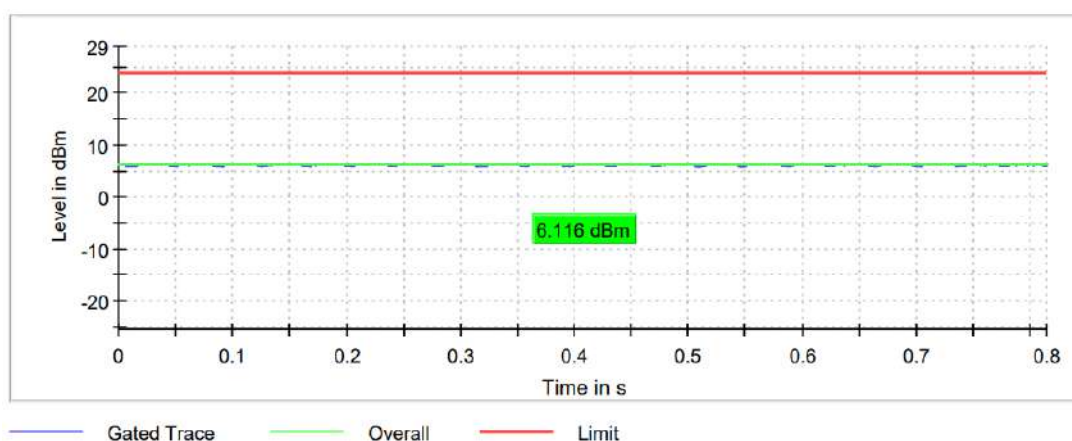
Bandwidth: 80 MHz

Maximum declared antenna gain: -2.8 dBi

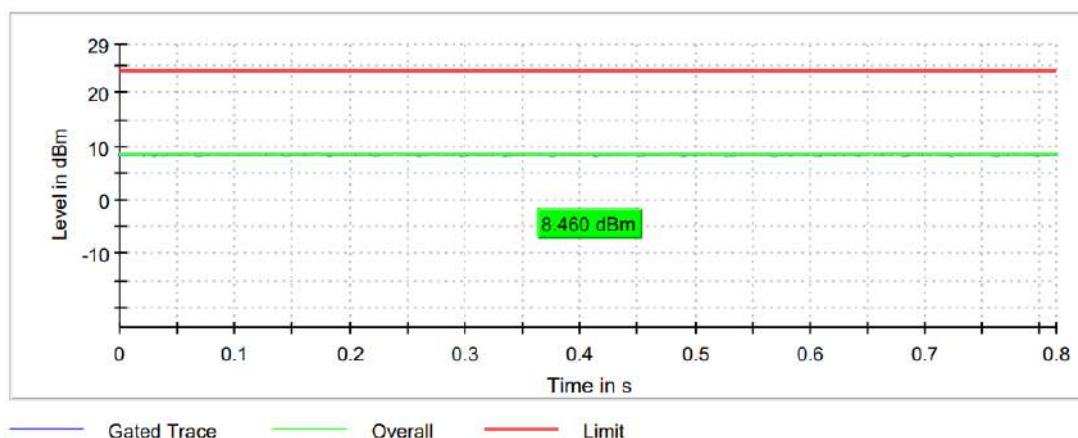
	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Maximum conducted power (dBm)	6.116	8.460
Maximum EIRP power (dBm)	3.316	5.660

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

Lowest Channel



Highest Channel



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

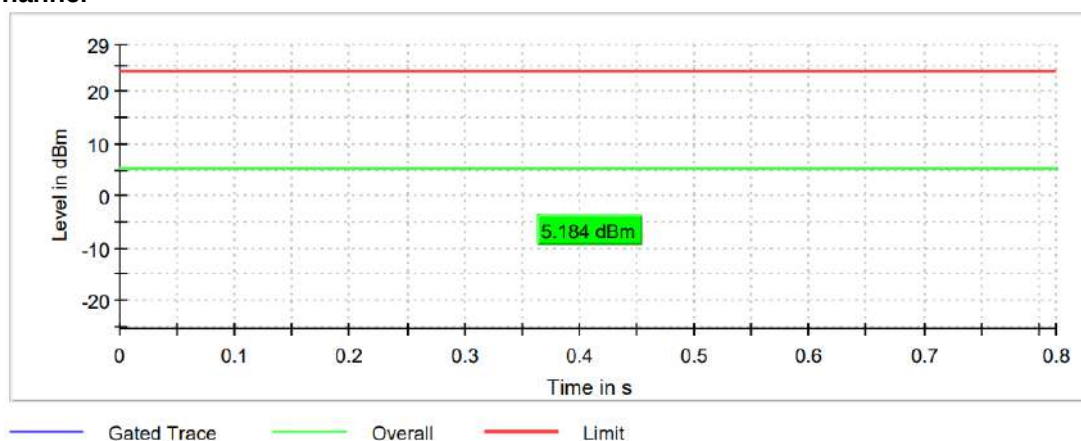
Bandwidth: 80 MHz

Maximum declared antenna gain: -2.8 dBi

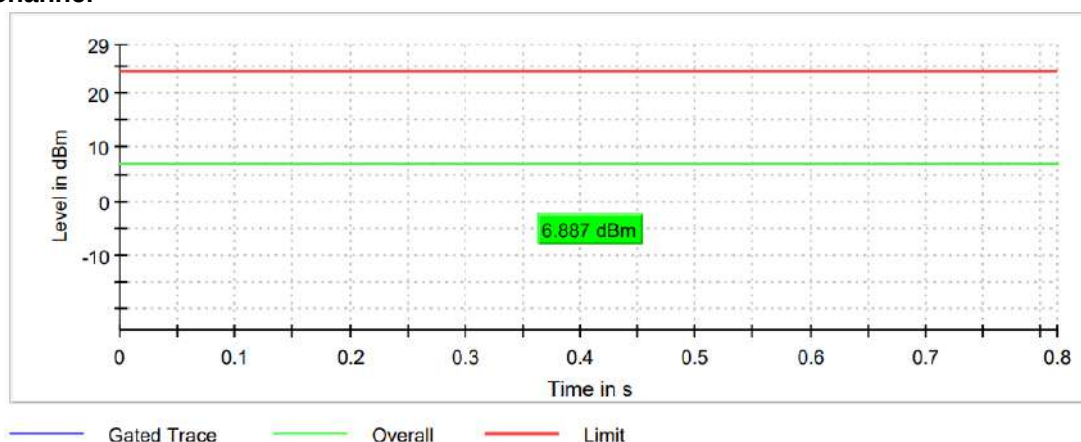
	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Maximum conducted power (dBm)	5.184	6.887
Maximum EIRP power (dBm)	2.384	4.087

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

Lowest Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode MIMO Radio A+B)
TEST RESULTS:	PASS

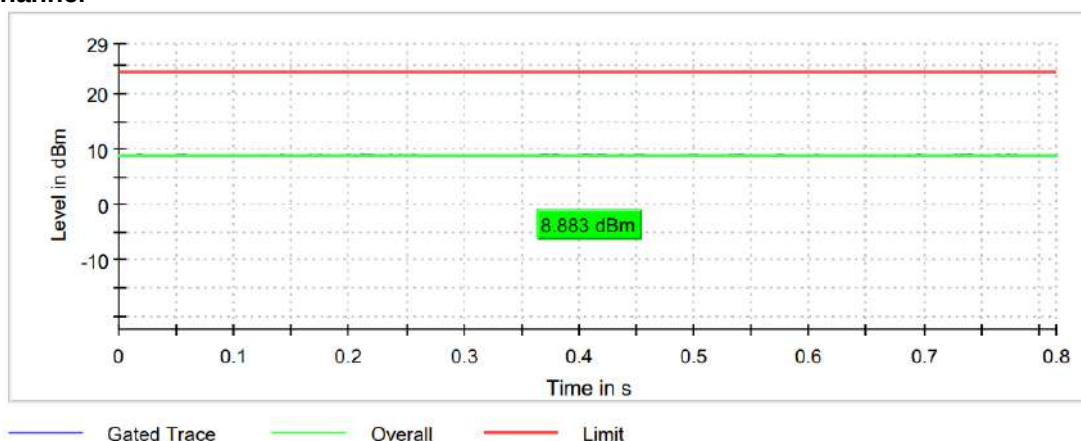
Bandwidth: 80 MHz

Maximum declared antenna gain: -2.8 dBi

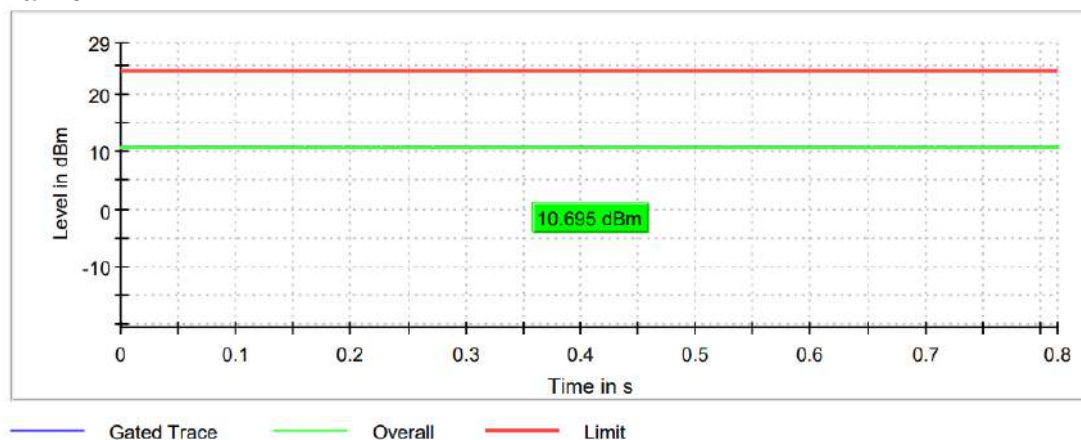
	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Maximum conducted power (dBm)	8.883	10.695
Maximum EIRP power (dBm)	6.083	7.895

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

Lowest Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax mode SISO Radio A)
TEST RESULTS:	PASS

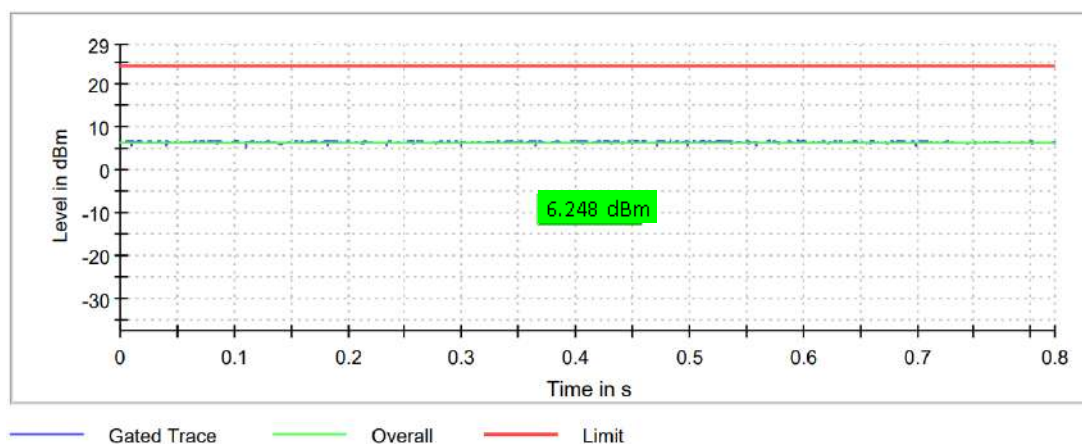
Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power (dBm)	6.248	8.017	8.374
Maximum EIRP power (dBm)	3.448	5.217	5.574

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

Lowest Channel



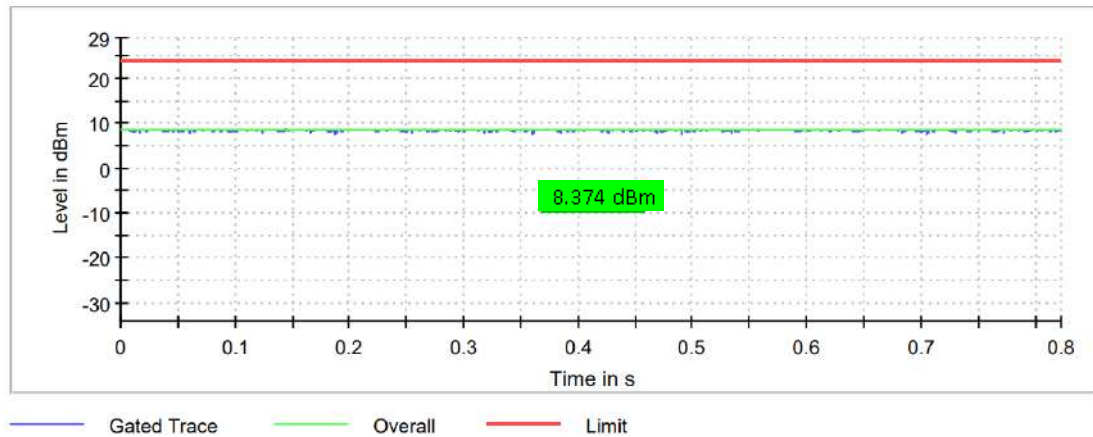
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:

S/01

TESTED CONDITIONS MODES:

TC#04 (ax mode SISO Radio B)

TEST RESULTS:

PASS

Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

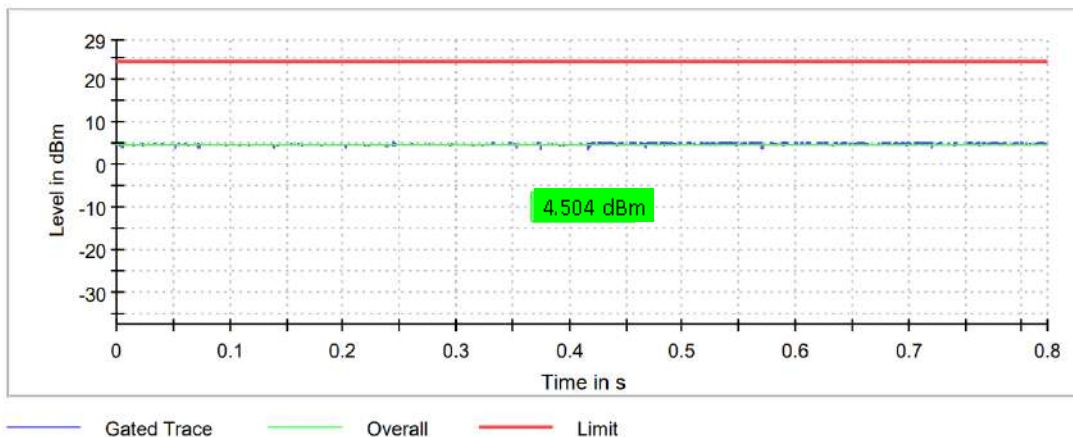
	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power (dBm)	4.504	6.176	7.562
Maximum EIRP power (dBm)	1.704	3.376	4.762

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

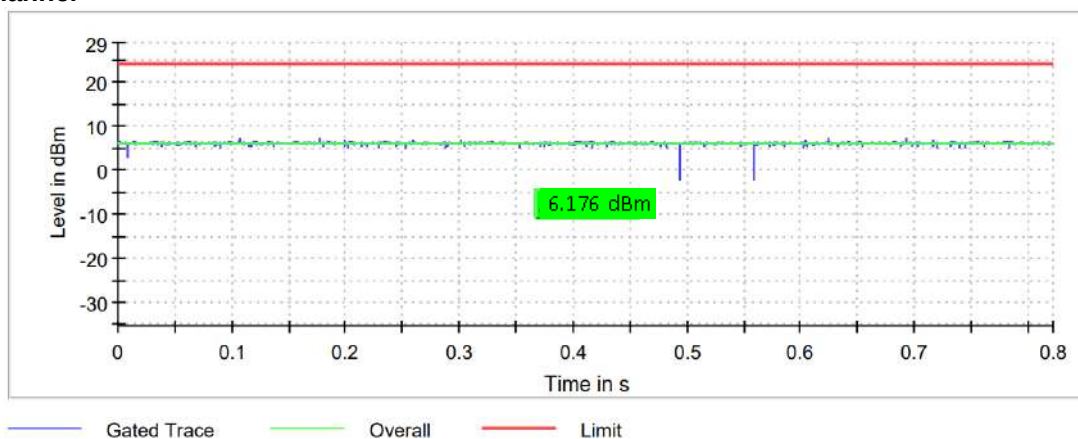
TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

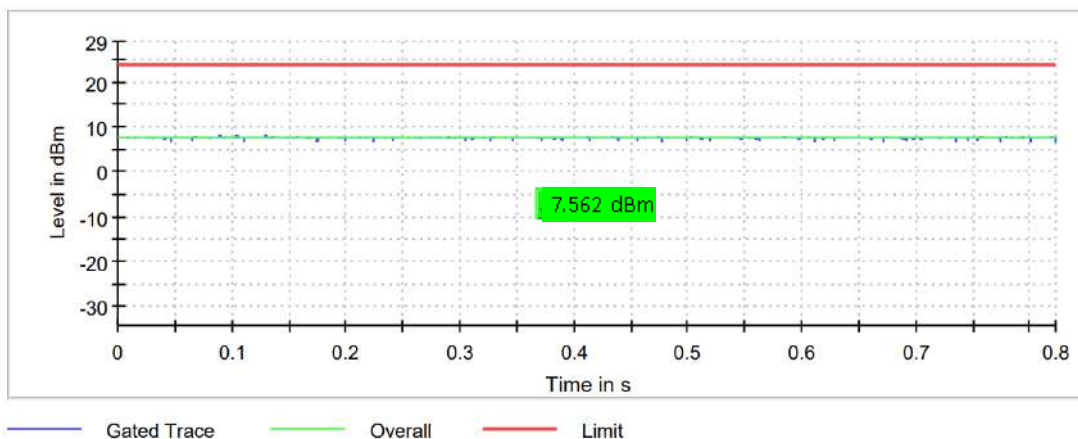
Lowest Channel



Middle Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax mode MIMO Radio A+B)
TEST RESULTS:	PASS

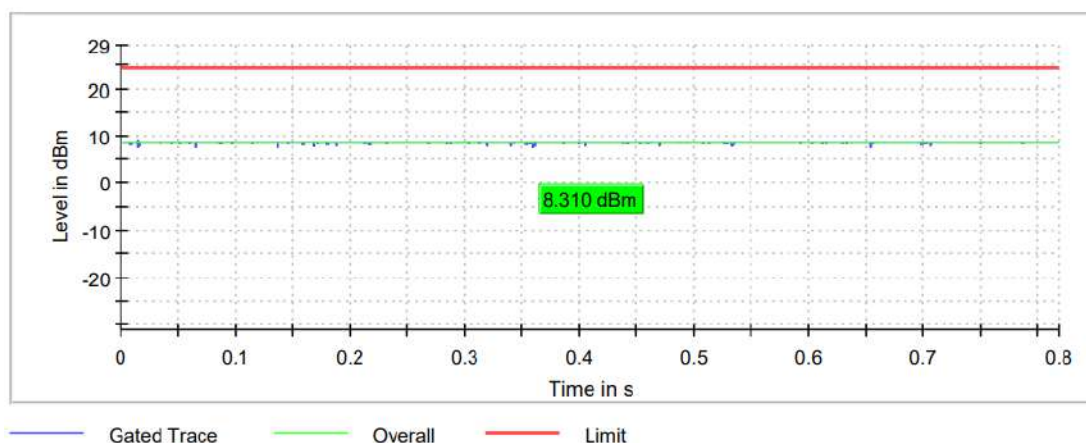
Bandwidth: 20 MHz

Maximum declared antenna gain: -2.8 dBi

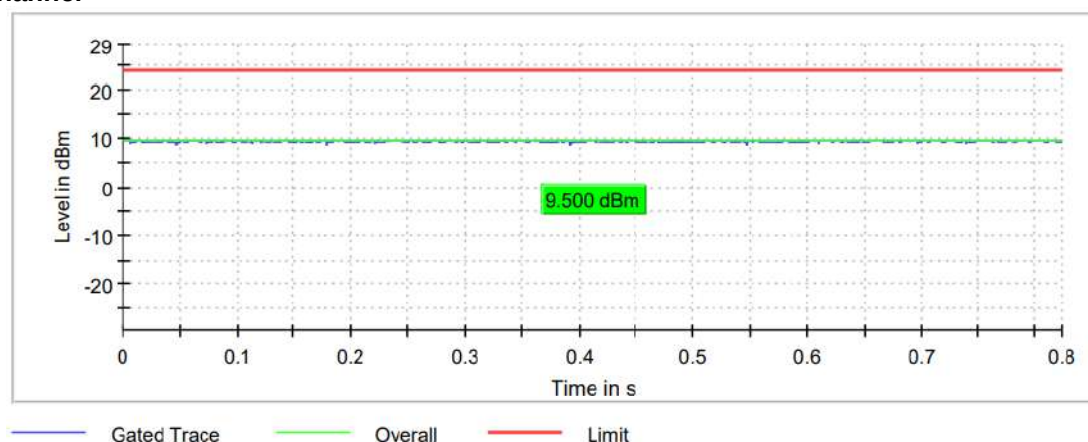
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	8.310	9.500	8.924
Maximum EIRP power (dBm)	5.510	6.700	6.124

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

Lowest Channel



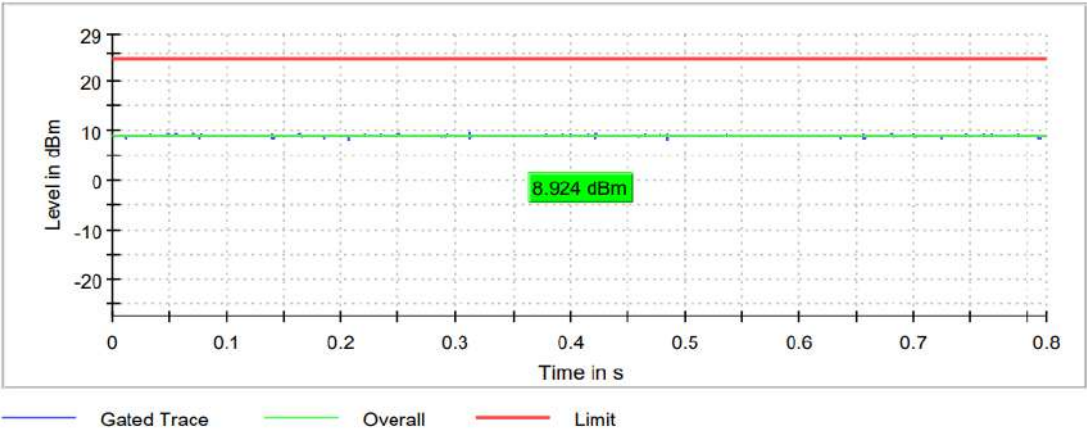
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax mode SISO Radio A)
TEST RESULTS:	PASS

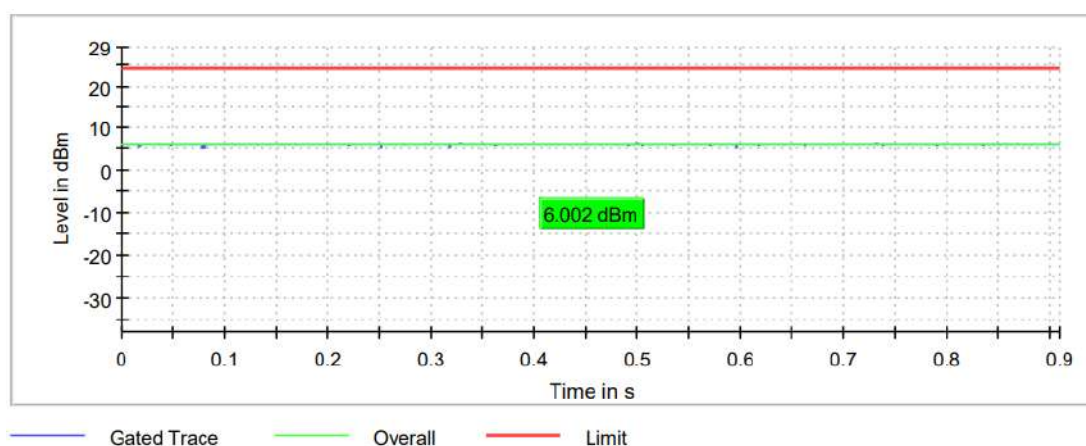
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

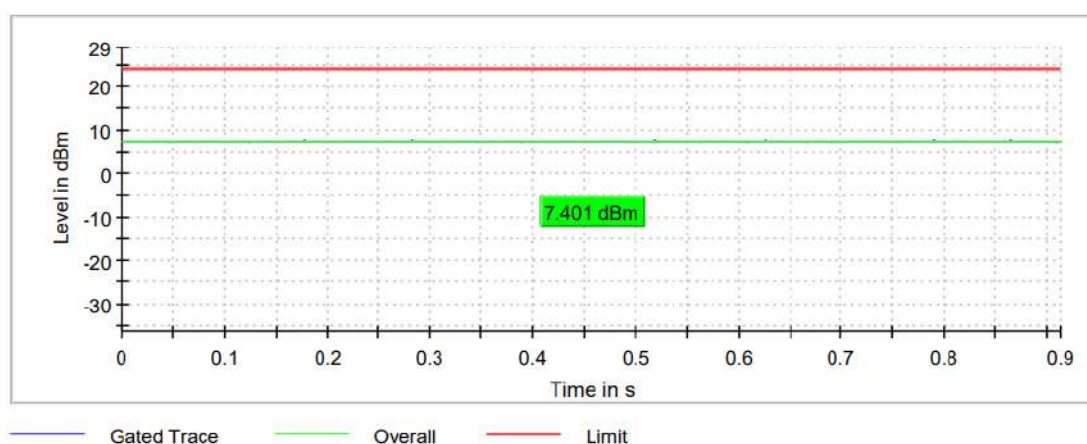
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	6.002	7.401	7.363
Maximum EIRP power (dBm)	3.202	4.601	4.563

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

Lowest Channel



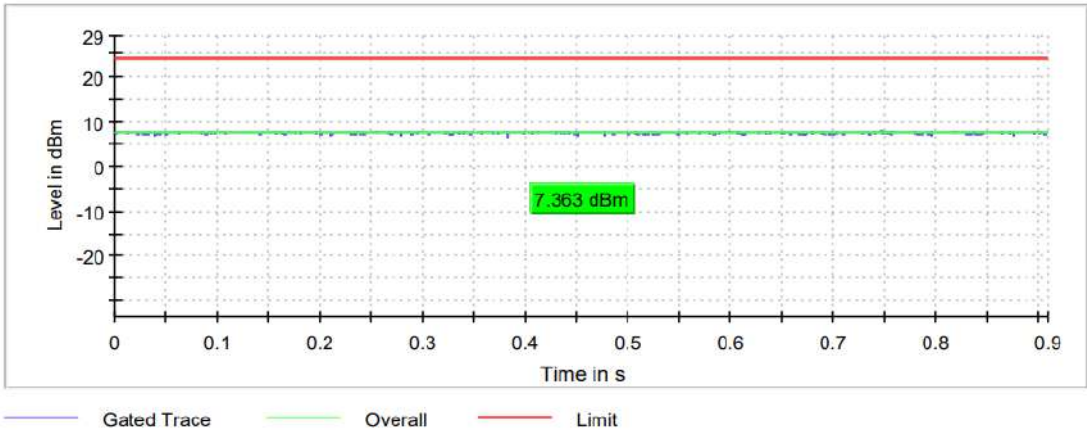
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax mode SISO Radio B)
TEST RESULTS:	PASS

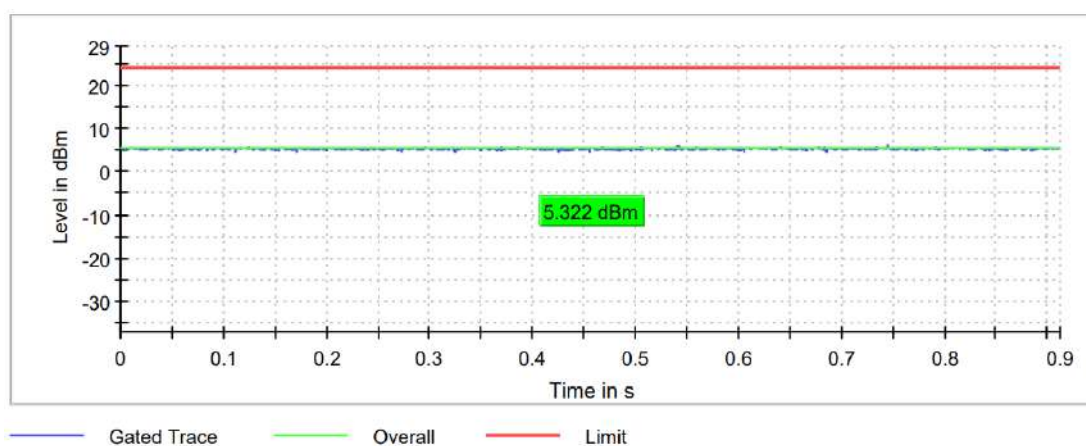
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

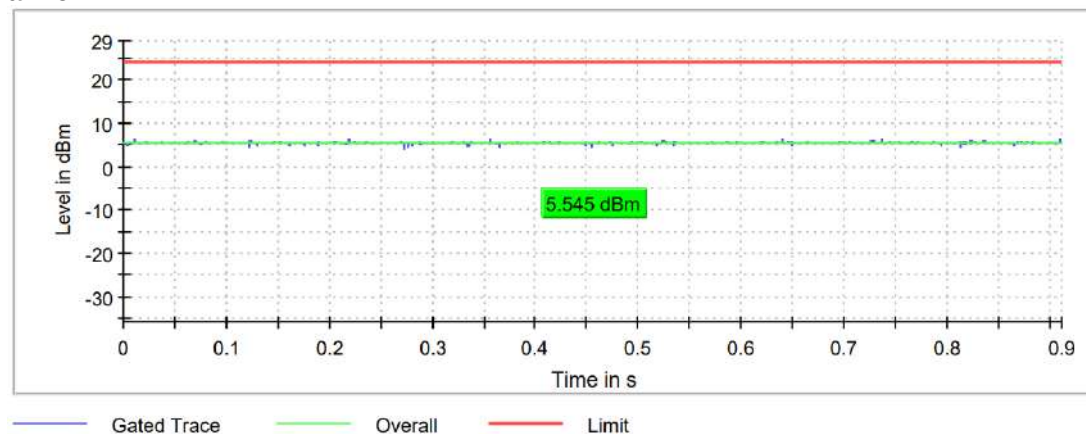
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	5.322	5.545	7.455
Maximum EIRP power (dBm)	2.522	2.745	4.655

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

Lowest Channel



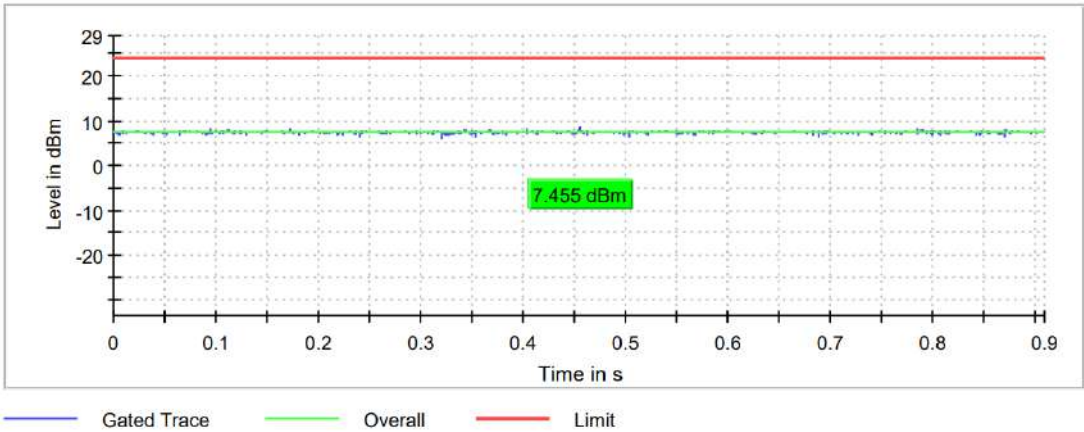
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax mode MIMO Radio A+B)
TEST RESULTS:	PASS

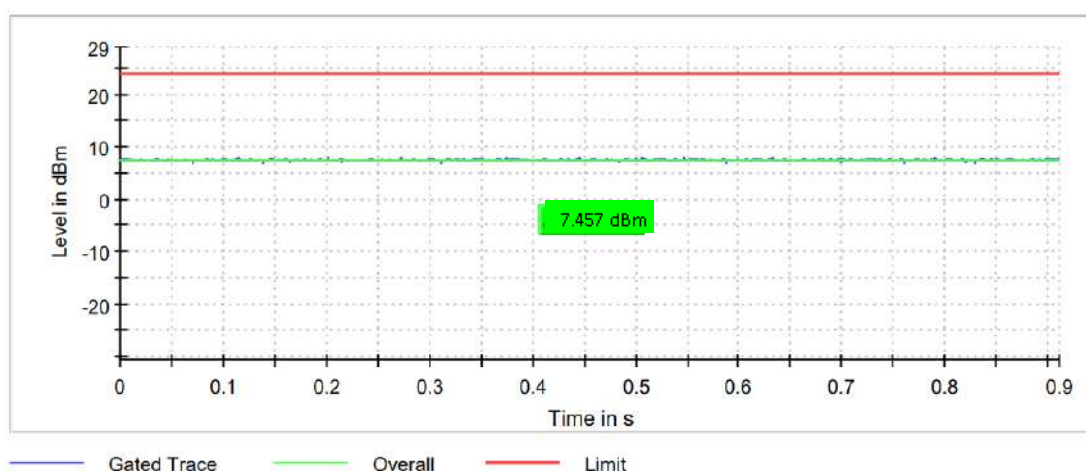
Bandwidth: 40 MHz

Maximum declared antenna gain: -2.8 dBi

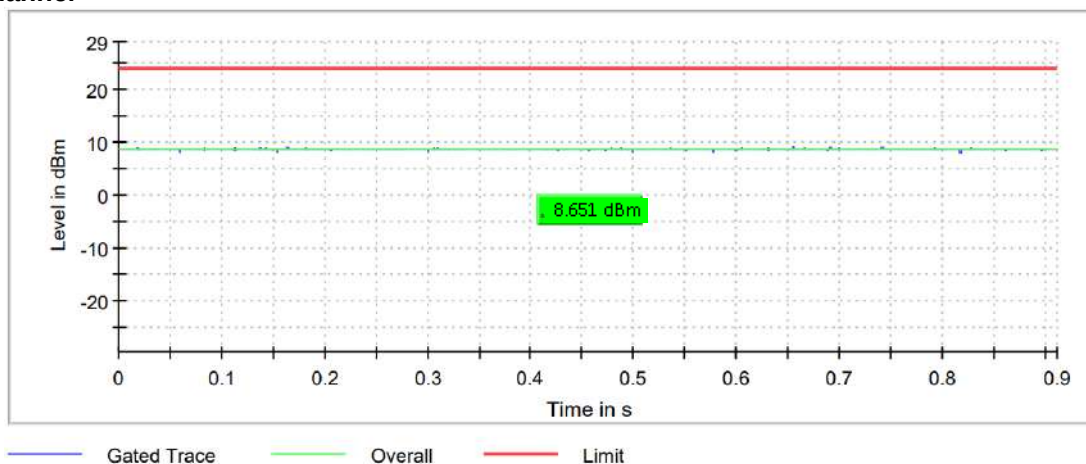
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	7.457	8.651	8.195
Maximum EIRP power (dBm)	4.657	5.851	5.395

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

Lowest Channel



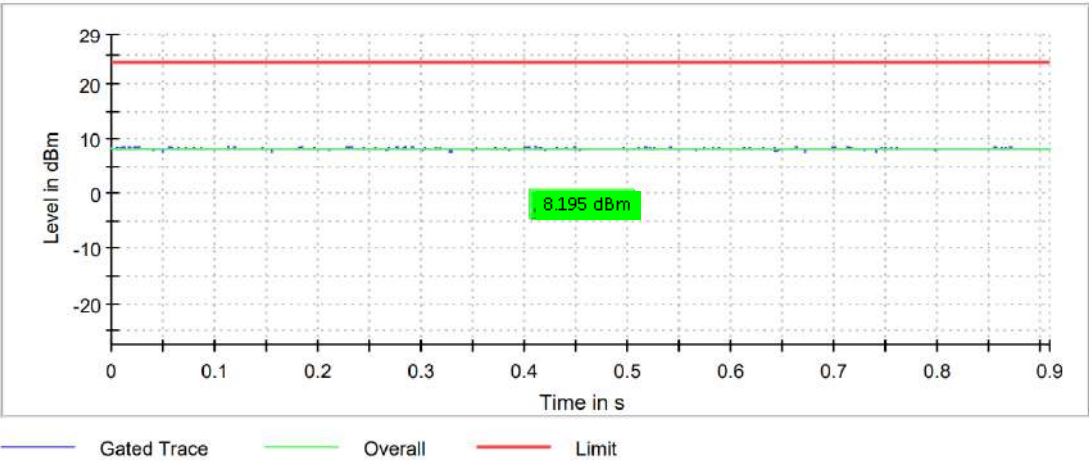
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax mode SISO Radio A)
TEST RESULTS:	PASS

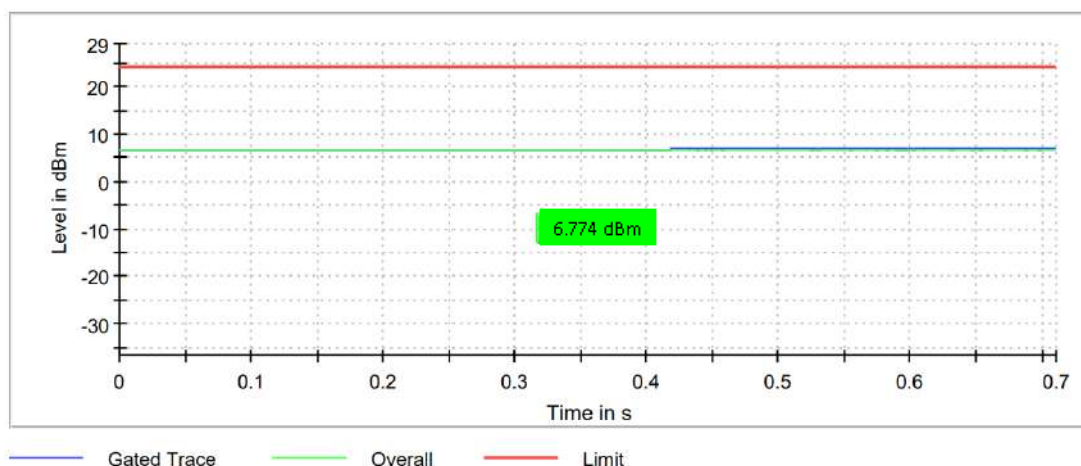
Bandwidth: 80 MHz

Maximum declared antenna gain: -2.8 dBi

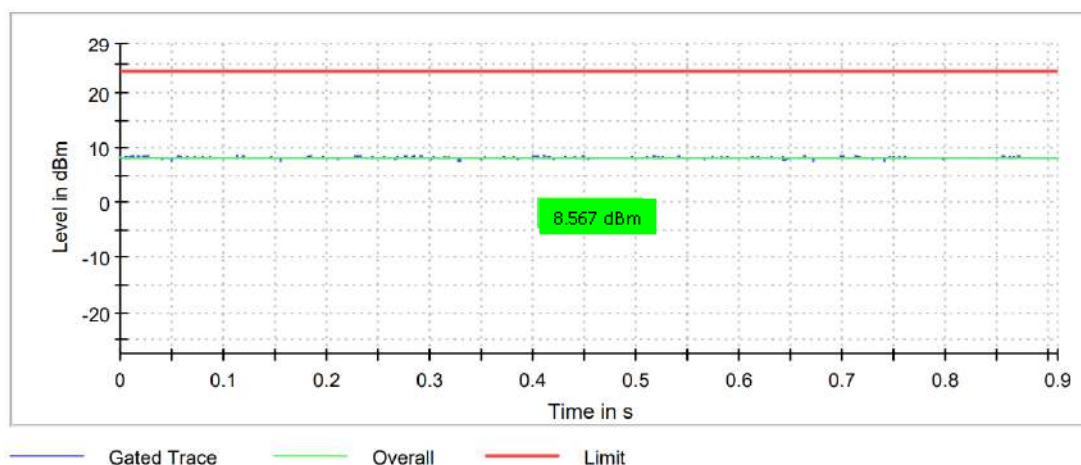
	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Maximum conducted power (dBm)	6.774	8.567
Maximum EIRP power (dBm)	3.974	5.767

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

Lowest Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax mode SISO Radio B)
TEST RESULTS:	PASS

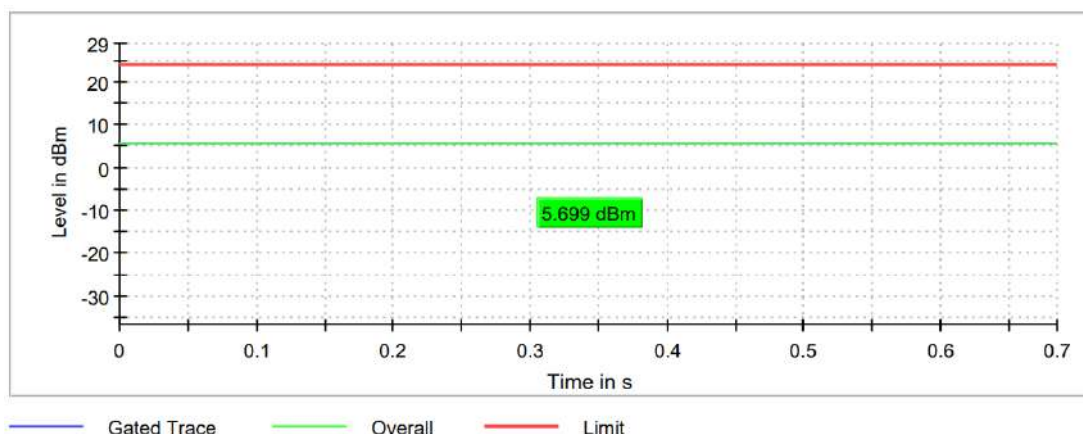
Bandwidth: 80 MHz

Maximum declared antenna gain: -2.8 dBi

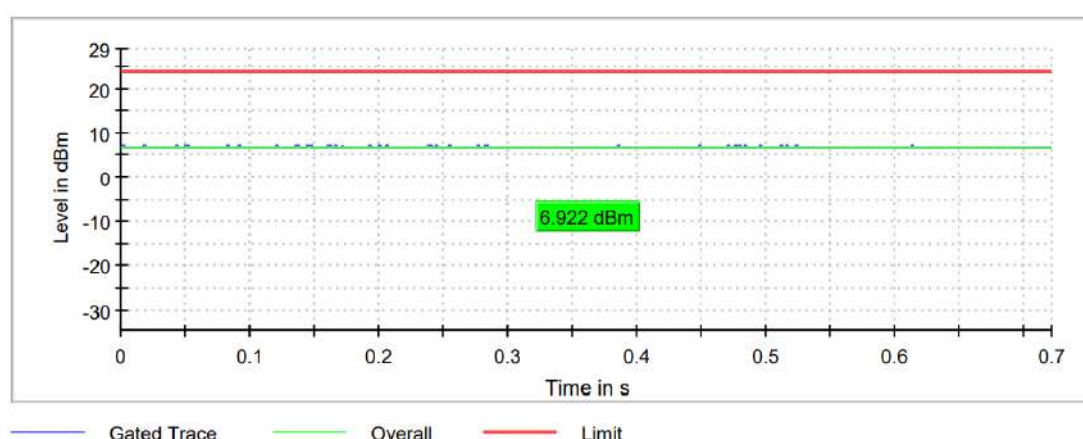
	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Maximum conducted power (dBm)	5.699	6.922
Maximum EIRP power (dBm)	2.899	4.122

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

Lowest Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax mode MIMO Radio A+B)
TEST RESULTS:	PASS

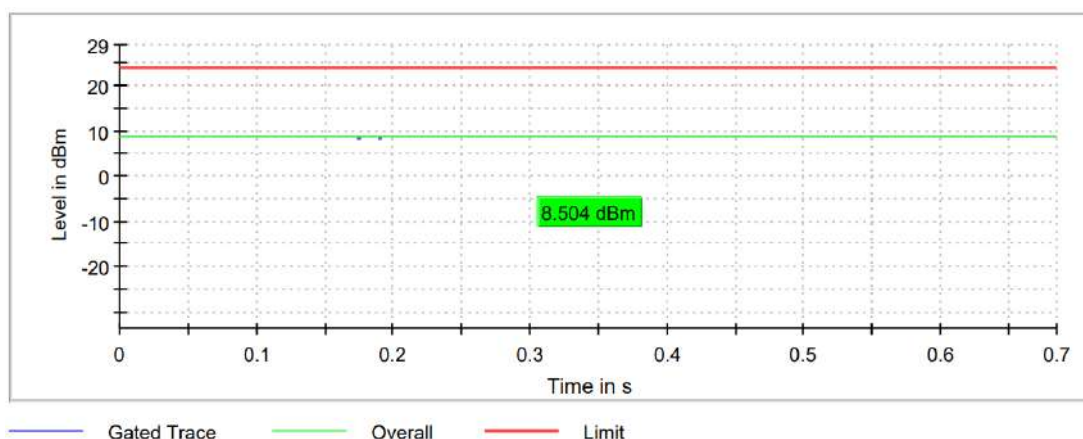
Bandwidth: 80 MHz

Maximum declared antenna gain: -2.8 dBi

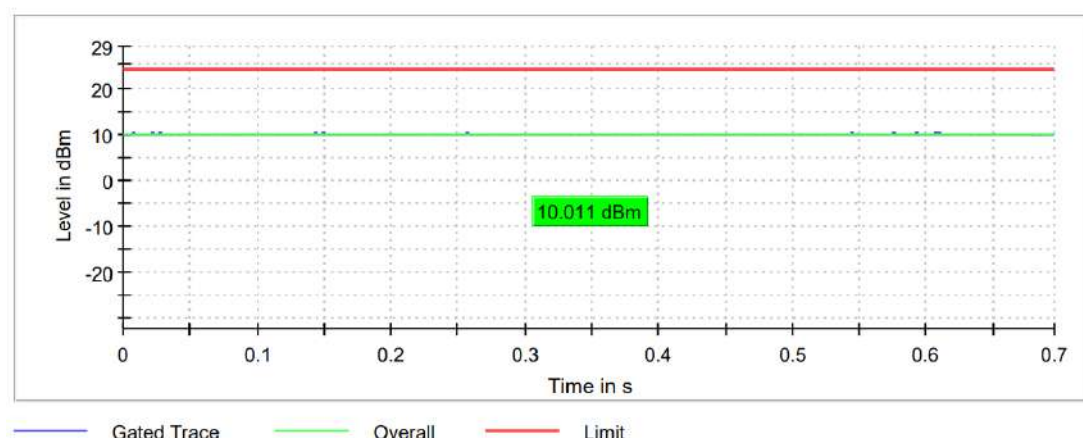
	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Maximum conducted power (dBm)	8.504	10.011
Maximum EIRP power (dBm)	5.704	7.211

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

Lowest Channel



Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac mode Beam forming)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

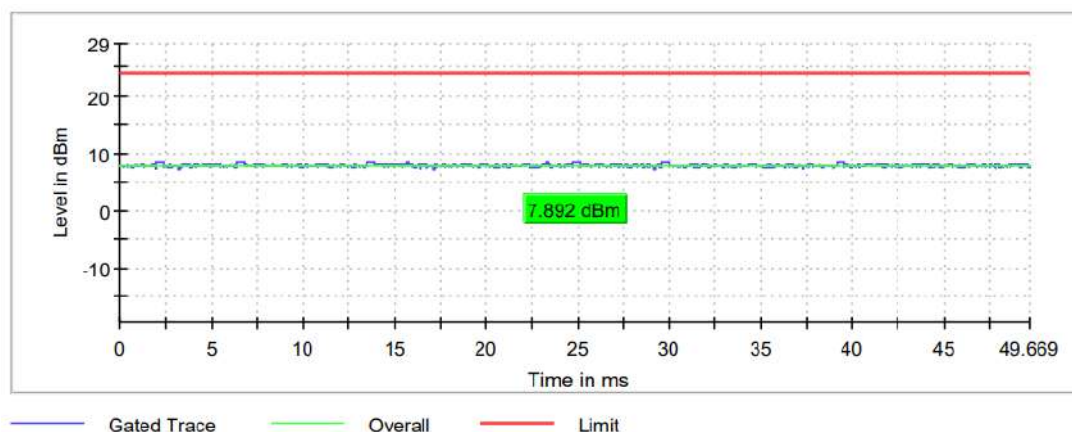
Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

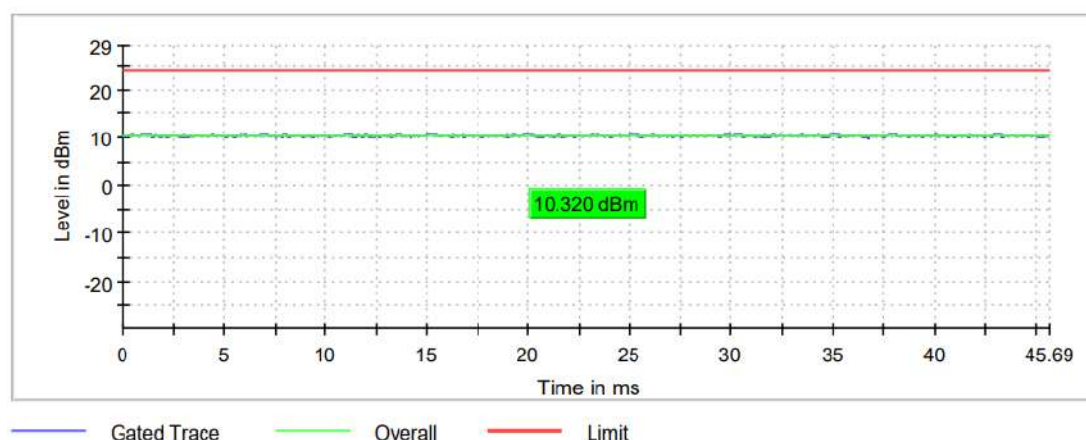
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Maximum conducted power (dBm)	7.892	10.320	8.635
Maximum EIRP power (dBm)	8.092	10.520	8.835

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

Lowest Channel

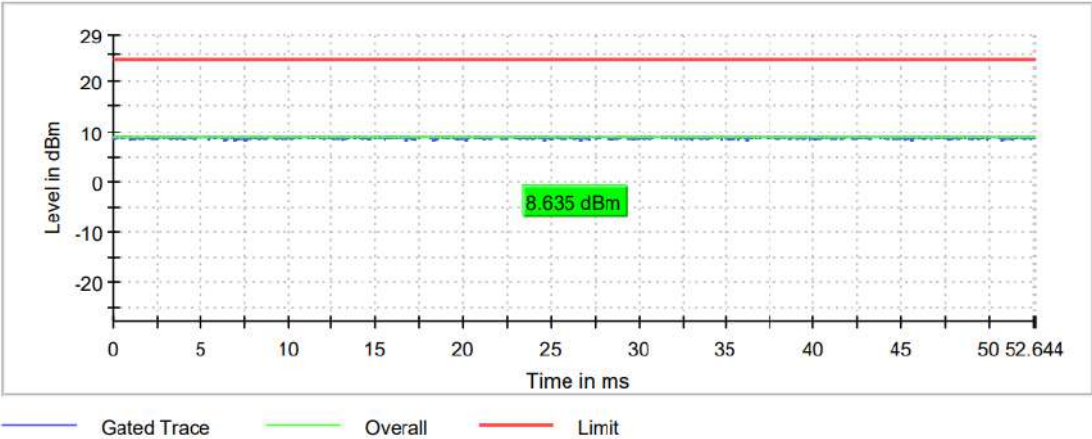


Middle Channel



TEST RESULTS (Cont.):

High Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac mode Beam forming)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

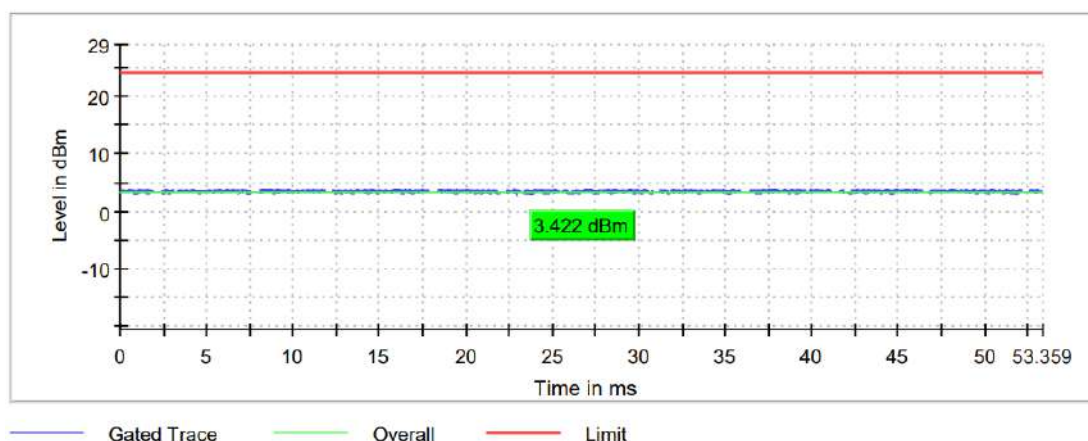
Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

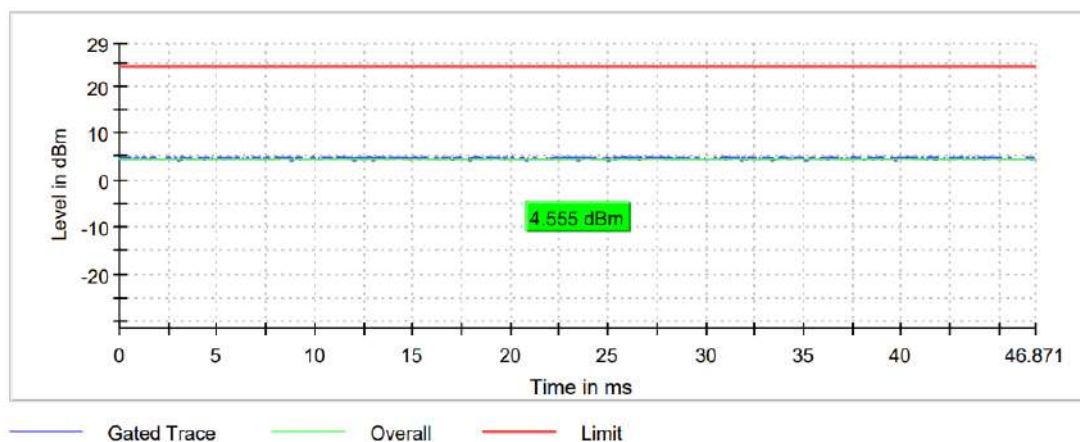
	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	3.422	4.555	5.267
Maximum EIRP power (dBm)	3.622	4.755	5.467

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

Lowest Channel



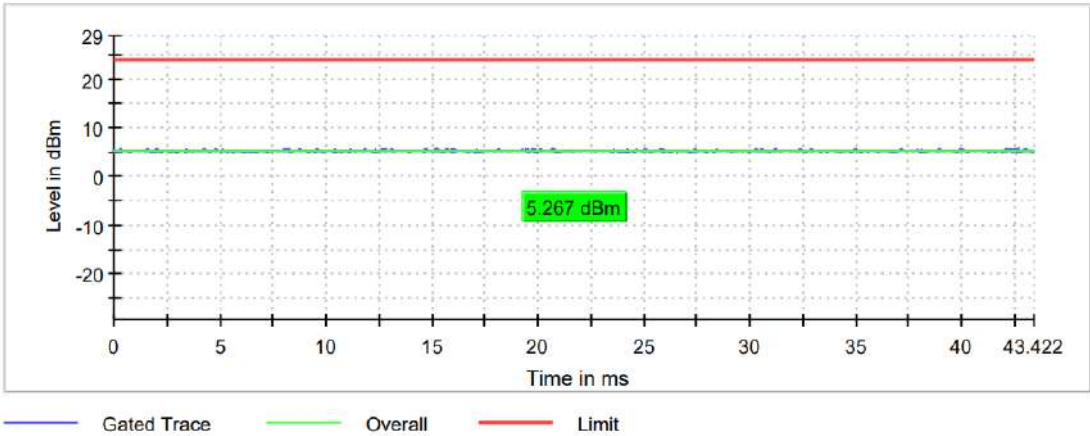
Middle Channel



TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

Highest Channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac mode Beam forming)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

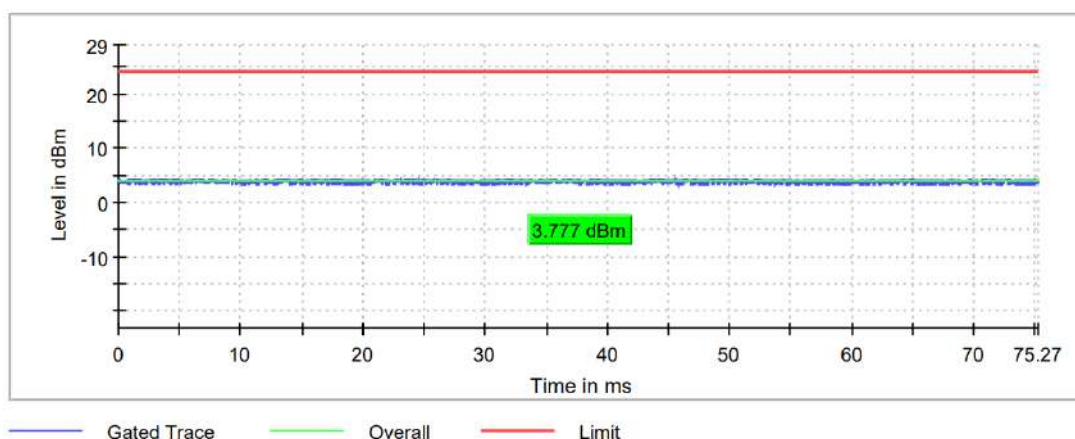
Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

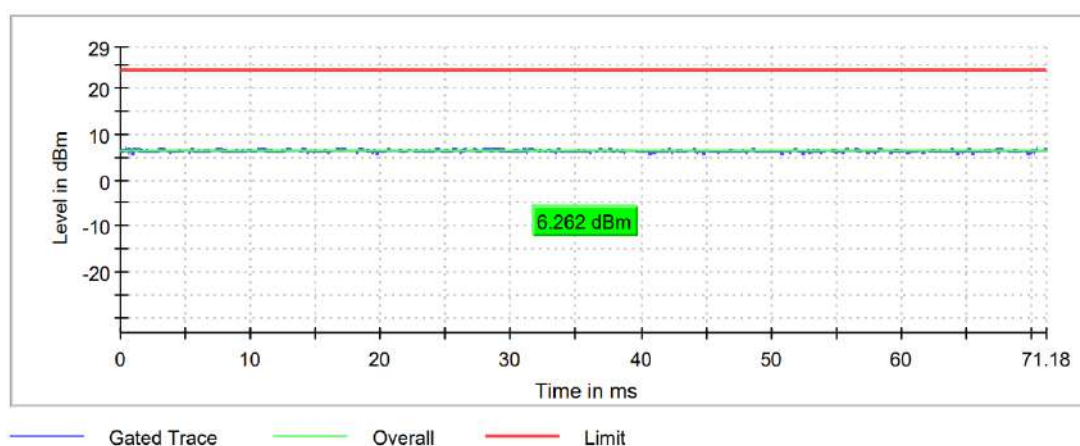
	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Maximum conducted power (dBm)	3.777	6.262
Maximum EIRP power (dBm)	3.977	6.462

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

Lowest Channel



Highest Channel



SECTION D.3: POWER SPECTRAL DENSITY

LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (iv) 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 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 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.

Note: The following test results are shown based on KDB 662911 D01 Multiple Transmitter Output v02r01 E) 3) a) (ii) Measure and sum spectral maxima across the outputs as described in section E)2)b).

- 1- For 2Tx CDD MIMO modes, in accordance with KDB 662911 D01 v02r01 Section F)2)f)i), directional gain was calculated as follows:
 - For power spectral density (PSD) measurements:

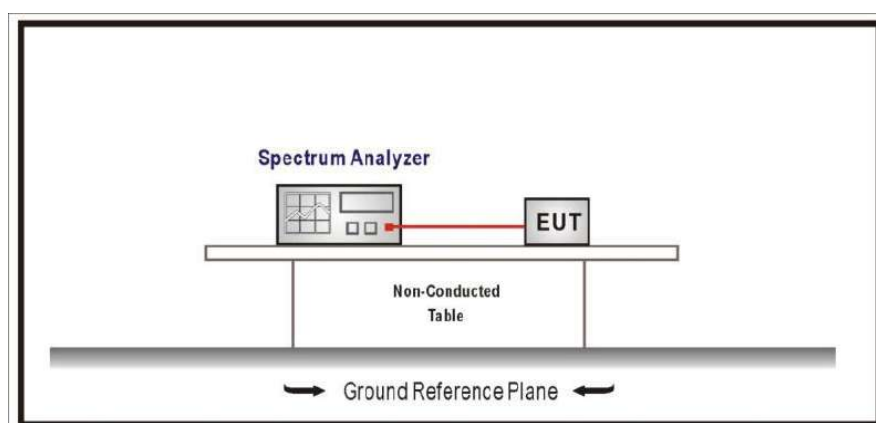
$$\text{Directional gain}_{\text{PSD}} = G_{\text{ANT}} + 10 \log(N_{\text{ANT}}/N_{\text{SS}}) \text{ dBi}$$

$$N_{\text{SS}} = 1 \text{ (worst case)}, N_{\text{ANT}} = 2, G_{\text{ANT}} = -2.8 \text{ dBi}$$

$$\text{Directional gain}_{\text{PSD}} = -2.8 + 10 \log(2/1) = -2.8 + 10 \log(2) = -2.8 + 3 = +0.2 \text{ dBi}$$

$$\text{PSD Antenna Gain MIMO Chain 0 \& 1: } +0.2 \text{ dBi}$$

For MIMO CDD operation modes, the limit should be reduced by the amount in dB the antenna gain exceeds 6 dBi. In this case the limit is not reduced due to the antenna gain calculations is +0.2dBi.



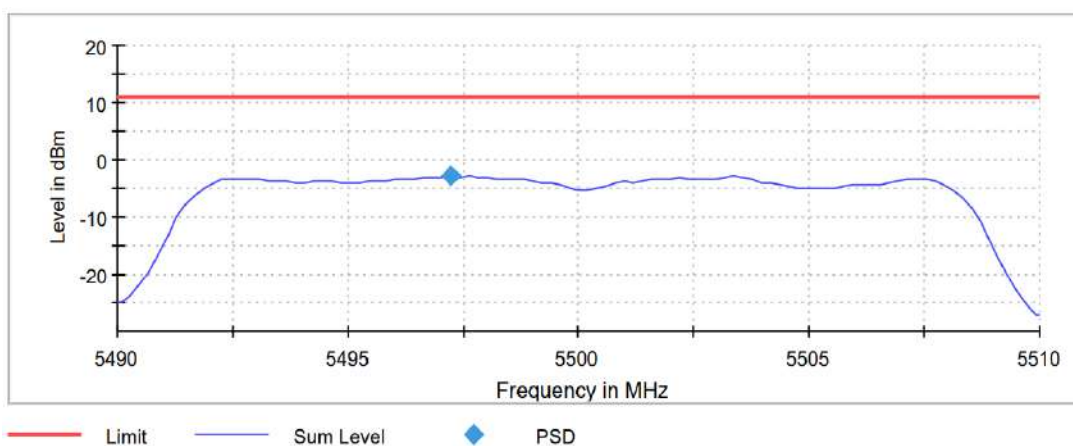
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode SISO Radio A))
TEST RESULTS:	PASS

Bandwidth: 20 MHz

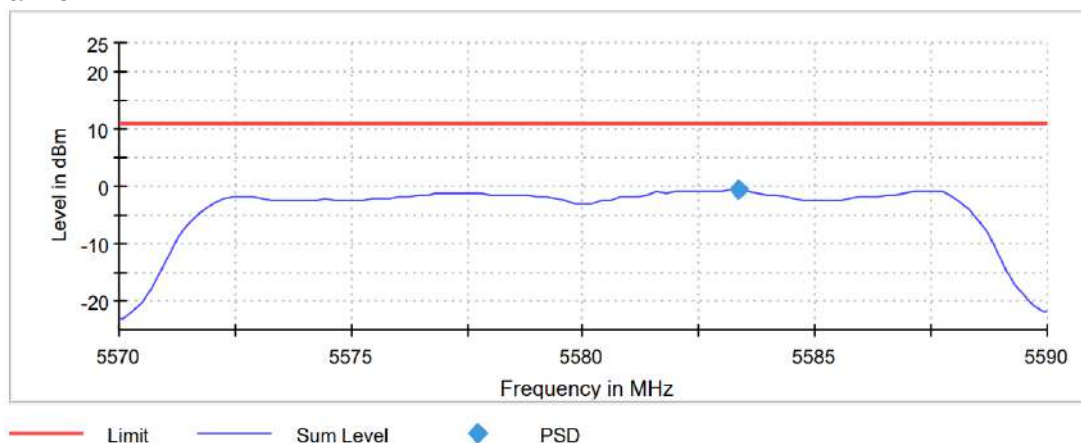
	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	-2.944	-0.615	-1.789

TEST RESULTS (Cont.):	
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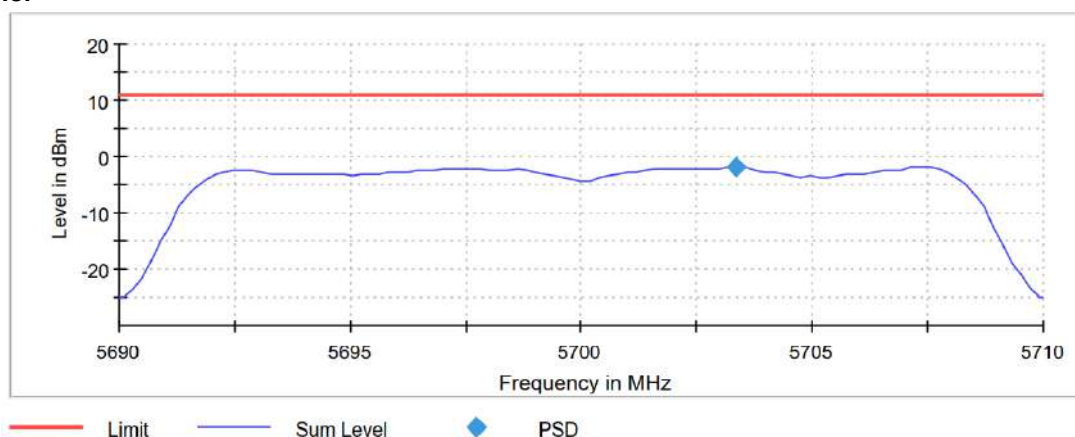
Low Channel



Middle Channel



High Channel



TEST RESULTS (Cont.):

Measurement

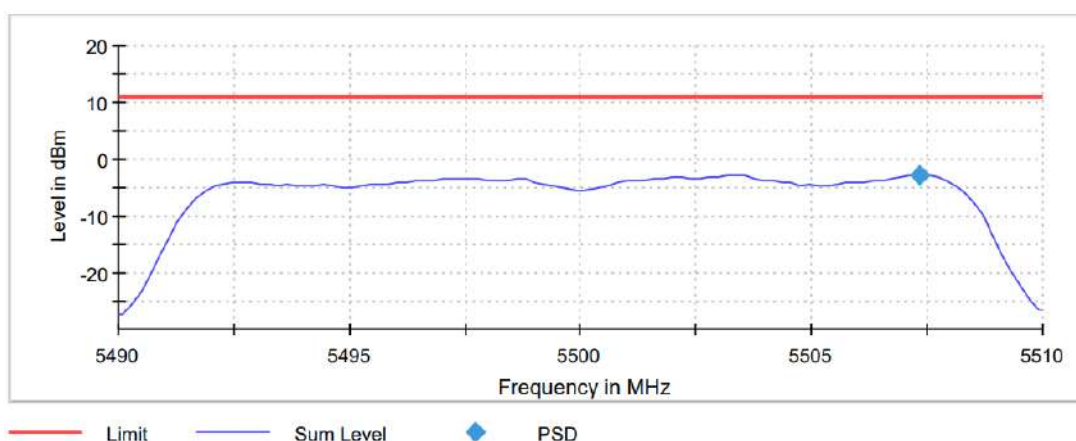
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	15 / max. 15	11 / max. 15	15 / max. 15
Stable	0 / 3	3 / 3	3 / 3
Max Stable Difference	0.31 dB	0.13 dB	0.14 dB

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

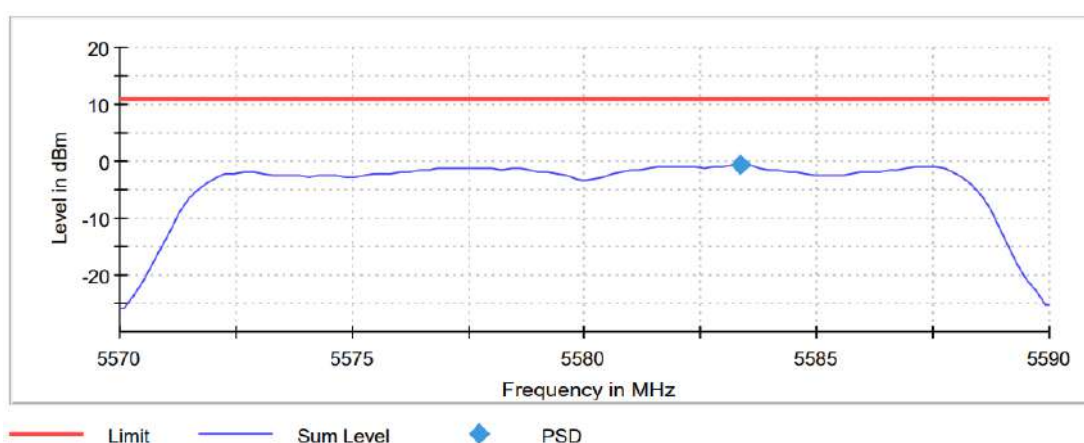
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	-2.712	-0.517	-0.288

Lowest Channel

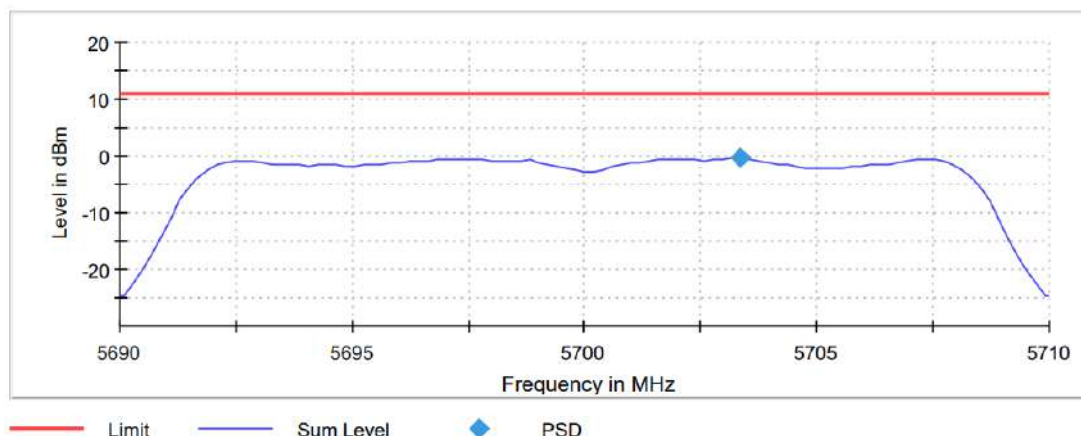


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

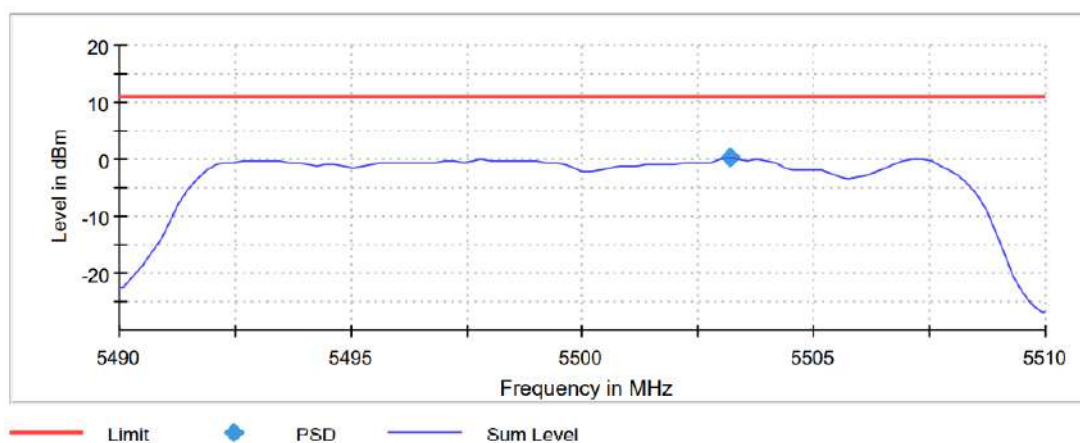
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.57000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.59000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	13 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	1 / 3
Max Stable Difference	0.16 dB	0.10 dB	0.10 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode MIMO Radio A+B)
TEST RESULTS:	PASS

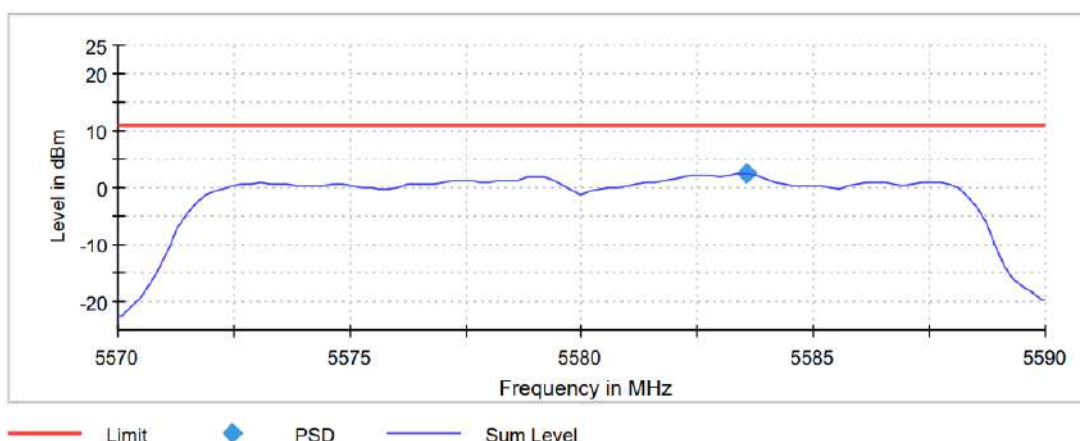
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5570 MHz
Power spectral density (dBm)	0.198	2.470	1.433

Lowest Channel

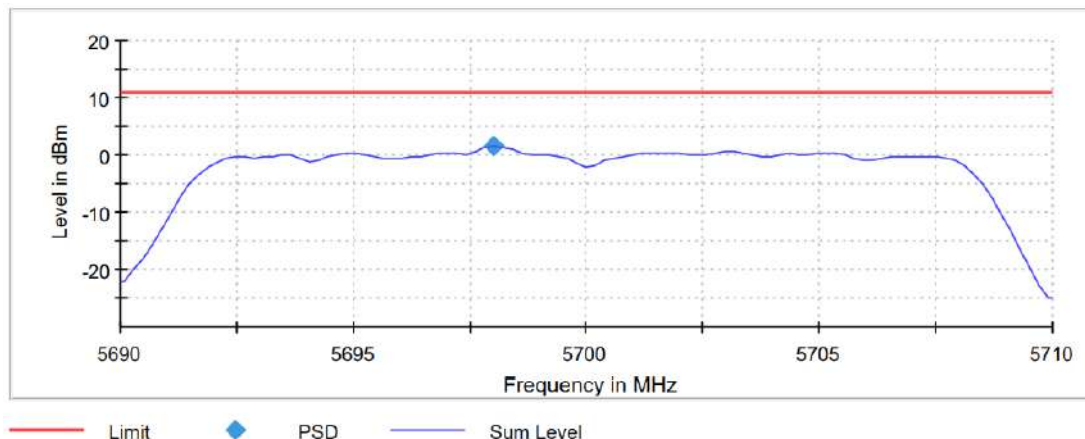


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

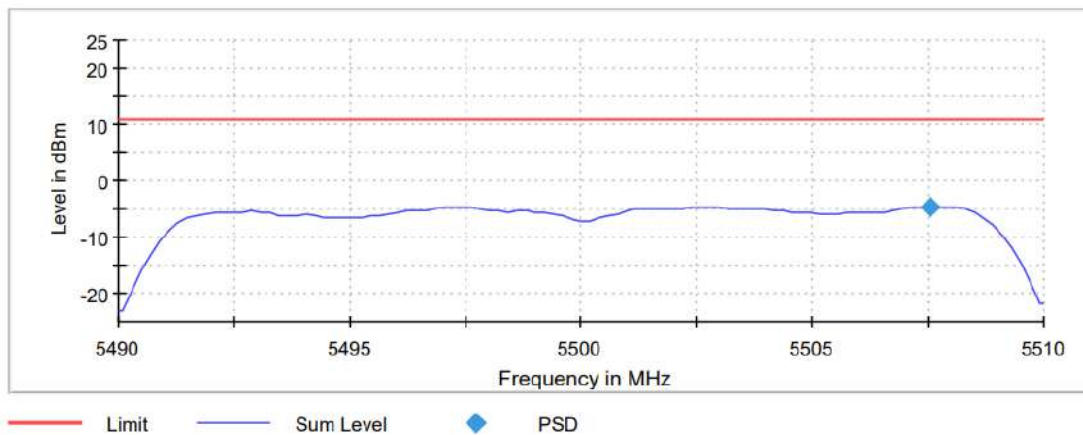
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	11.000 μ s	11.000 μ s	11.000 μ 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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	13 / max. 15	15 / max. 15	13 / max. 15
Stable	3 / 3	1 / 3	3 / 3
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

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

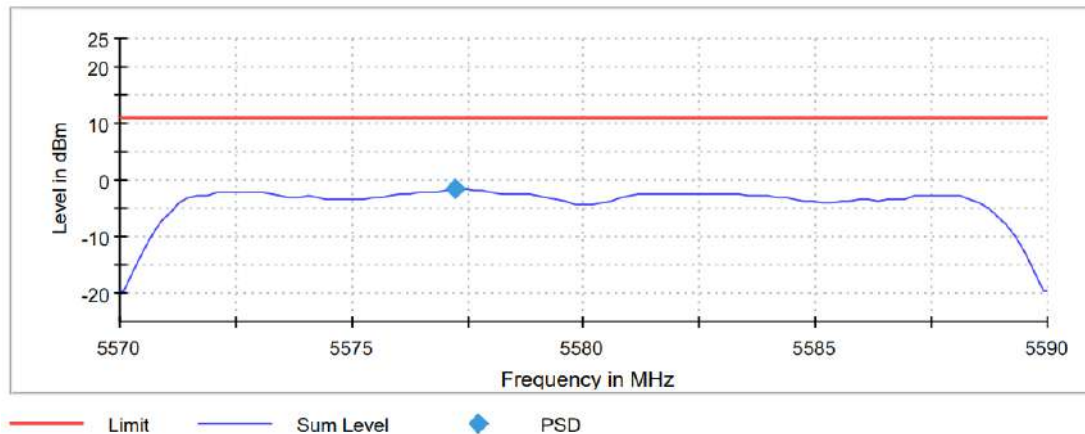
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	-4.559	-1.665	-2.950

Lowest Channel

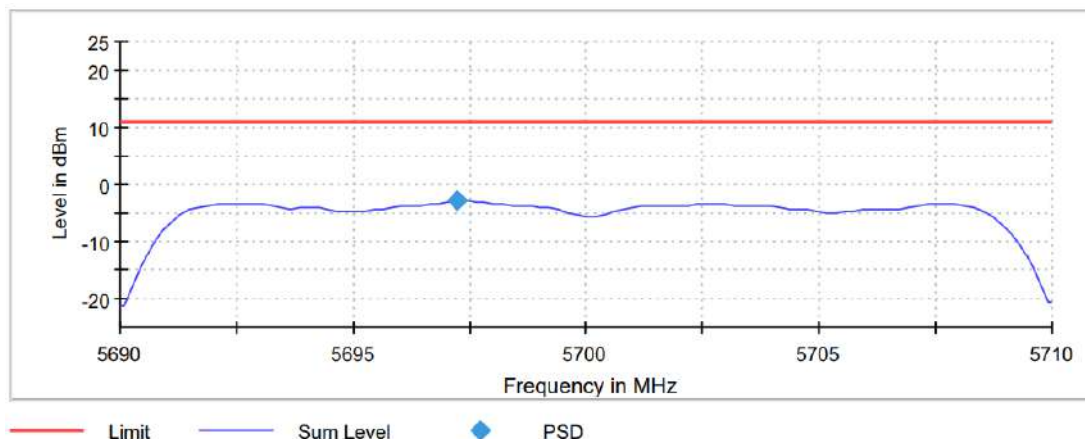


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

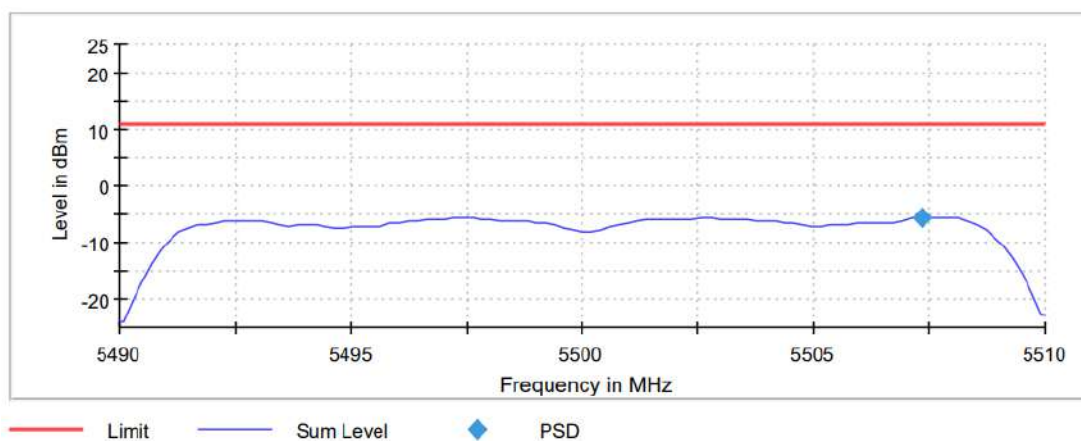
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	14 / max. 15	13 / max. 15	15 / max. 15
Stable	1 / 3	3 / 3	2 / 3
Max Stable Difference	0.27 dB	0.20 dB	0.18 dB

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

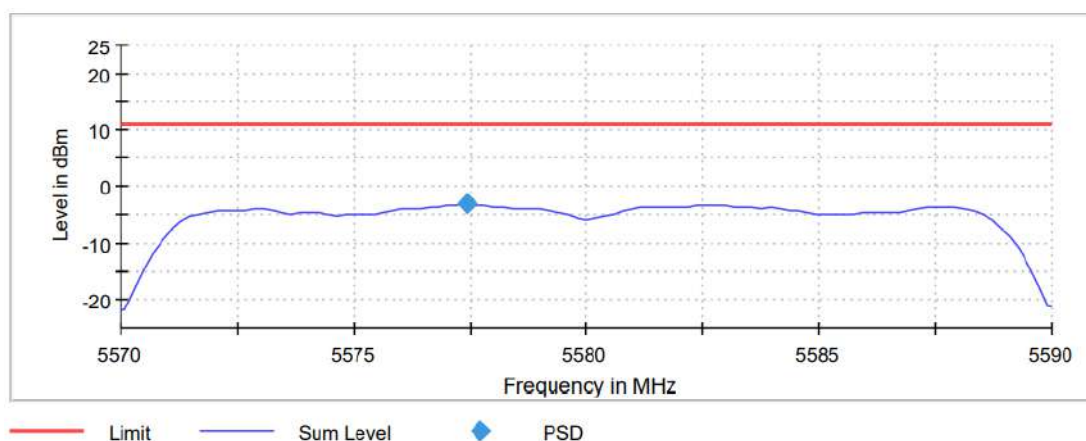
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	-5.556	-3.280	-2.297

Lowest Channel

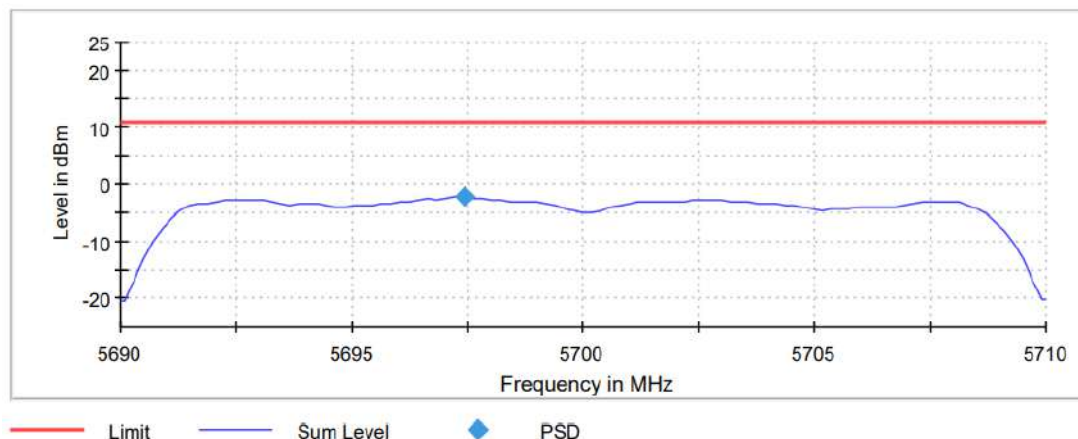


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

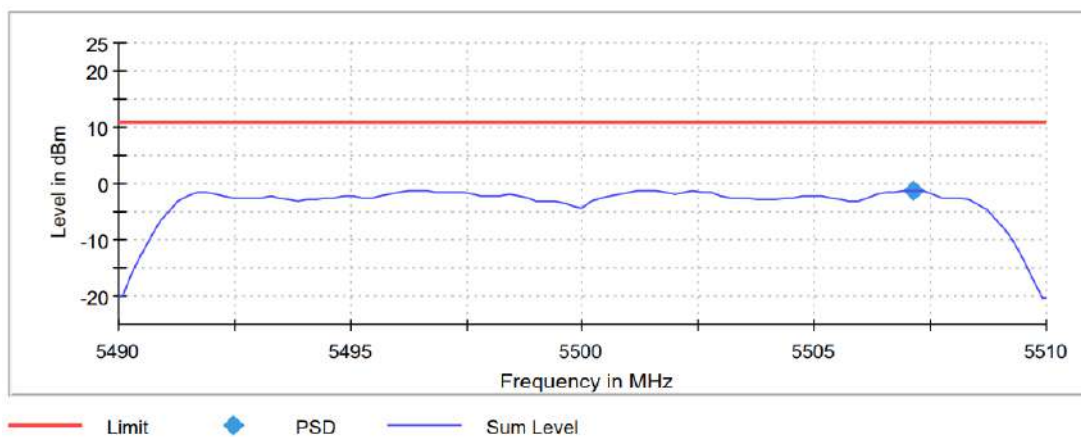
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.50 dB	0.50 dB
Run	15 / max. 15	14 / max. 15	15 / max. 15
Stable	3 / 3	3 / 3	2 / 3
Max Stable Difference	0.21 dB	0.17 dB	0.15 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode MIMO Radio A+B)
TEST RESULTS:	PASS

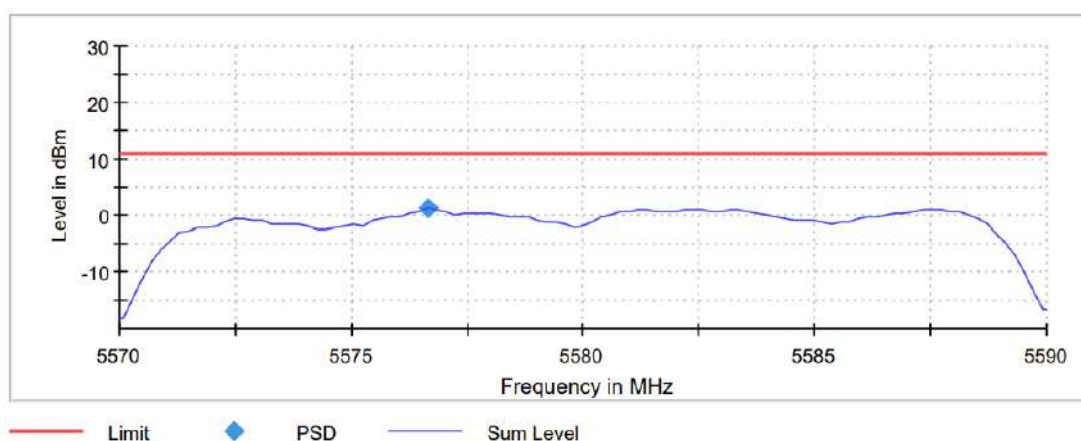
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	-1.156	1.118	0.319

Lowest Channel

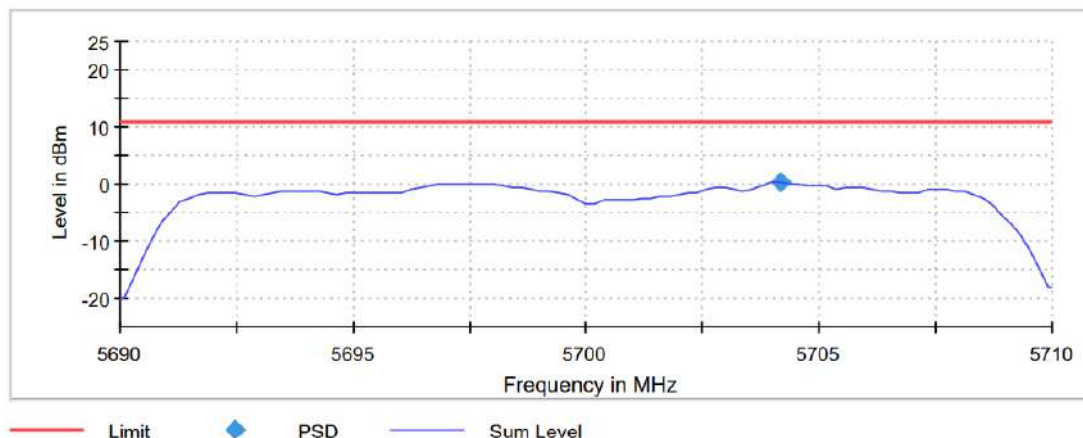


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

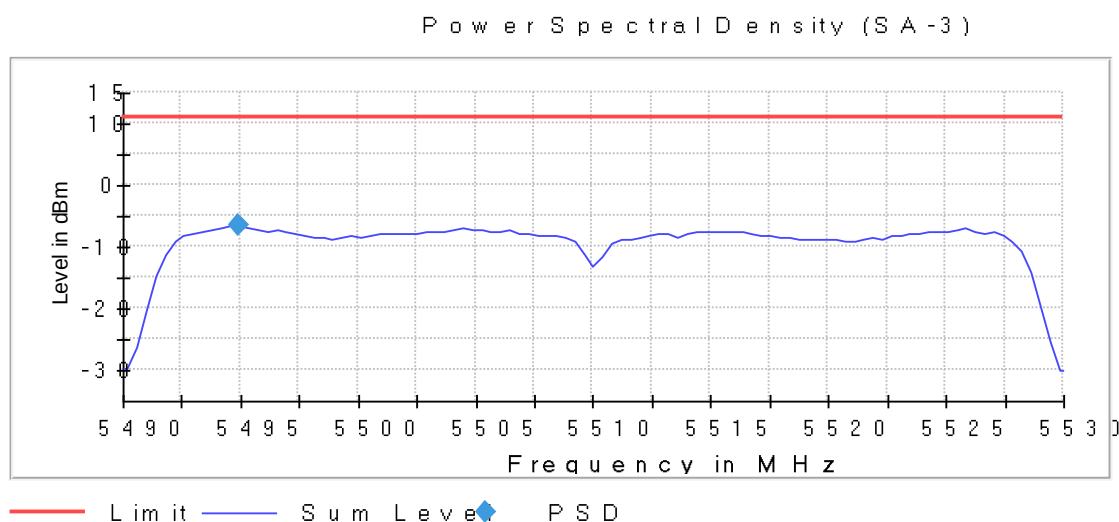
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	11.000 μ s	11.000 μ s	11.000 μ 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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	12 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	3 / 3
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

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

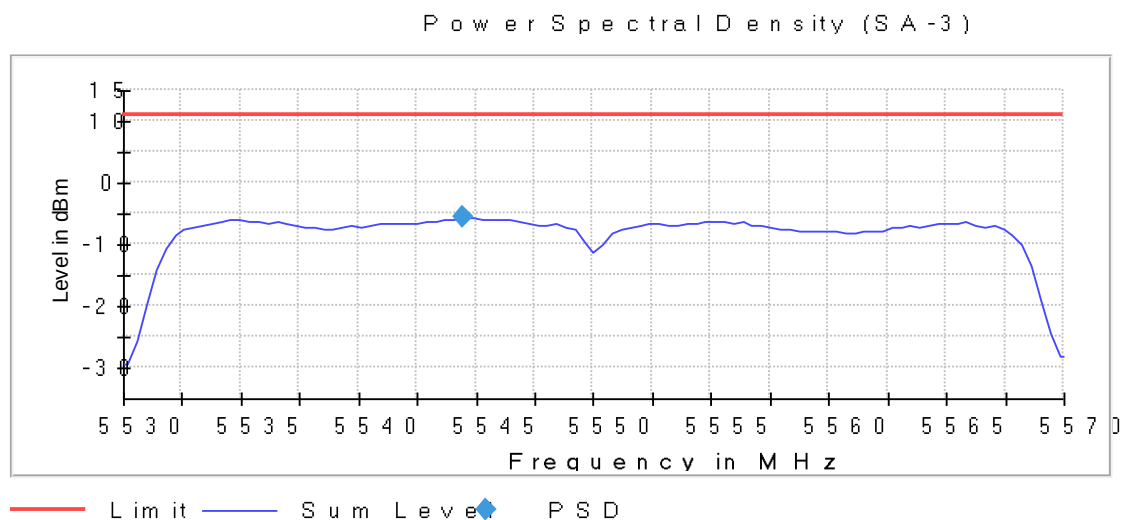
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	-6.629	-5.563	-4.934

Lowest Channel

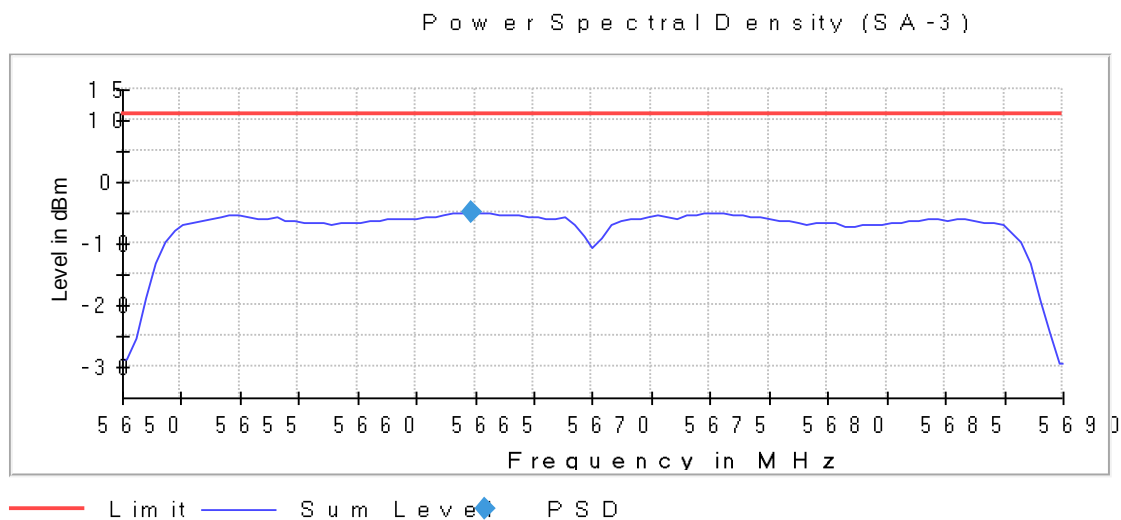


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

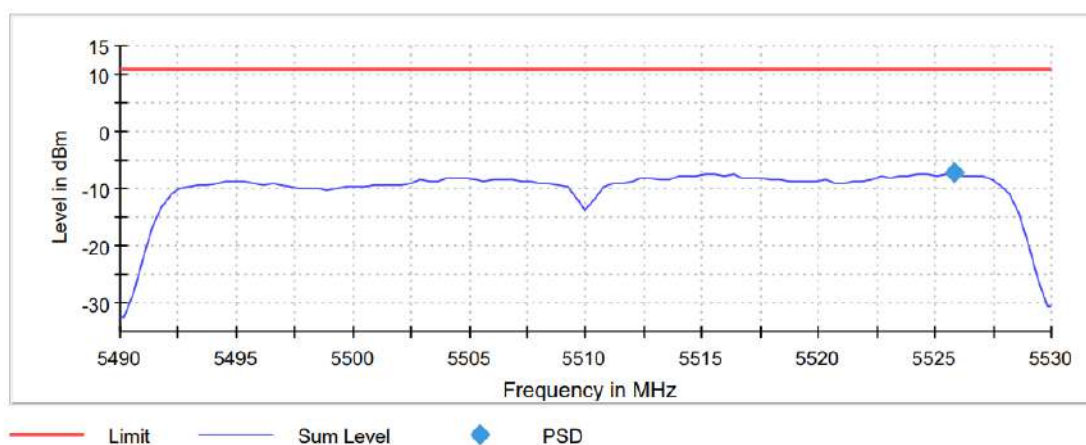
Setting	Instrument Value	Instrument Value	Instrument
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.28 dB	0.49 dB	0.19 dB

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

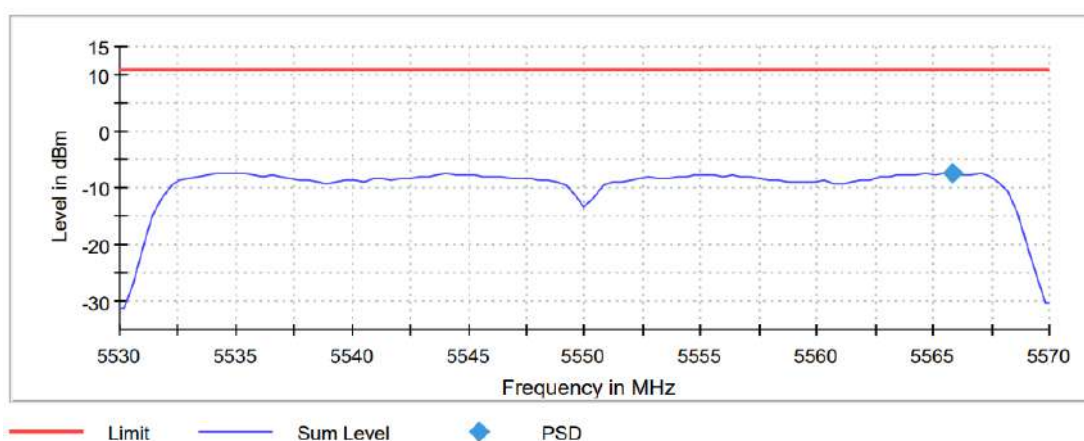
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	-7.221	-7.353	-5.375

Lowest Channel

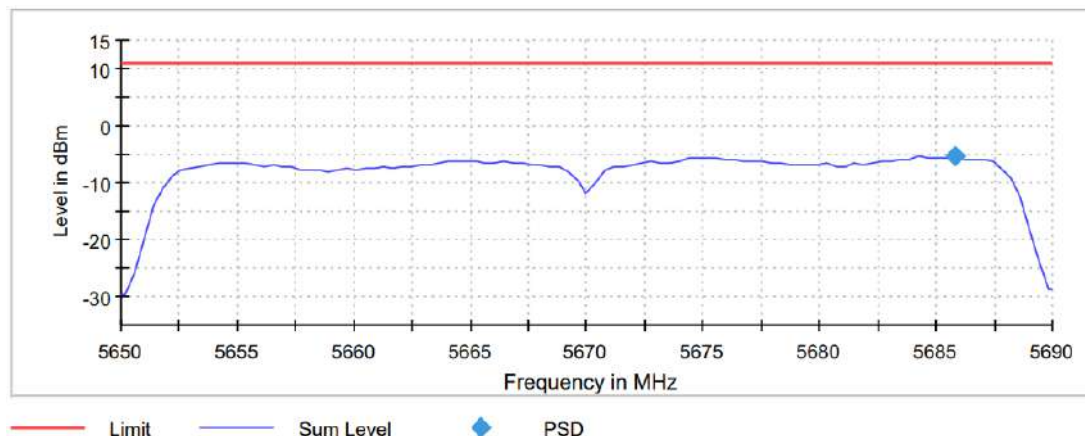


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

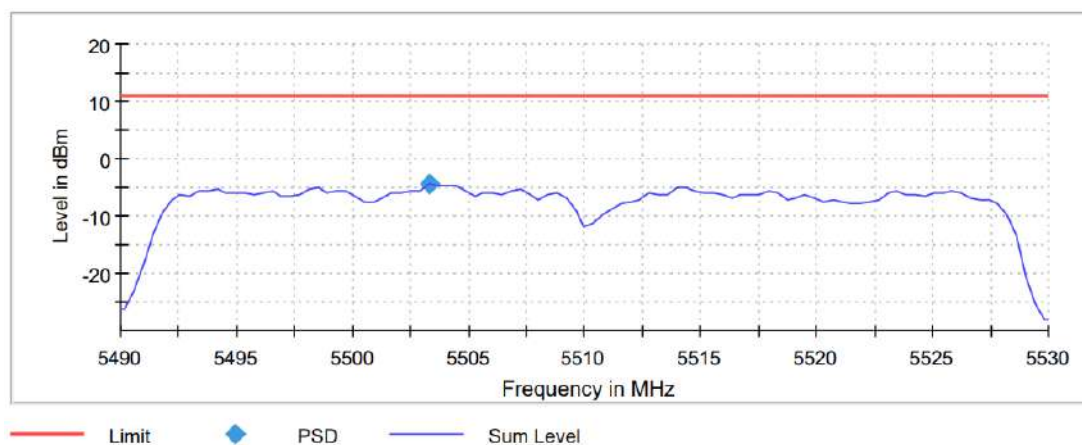
Setting	Instrument Value	Instrument Value	Instrument
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.33 dB	0.49 dB	0.19 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode MIMO Radio A+B)
TEST RESULTS:	PASS

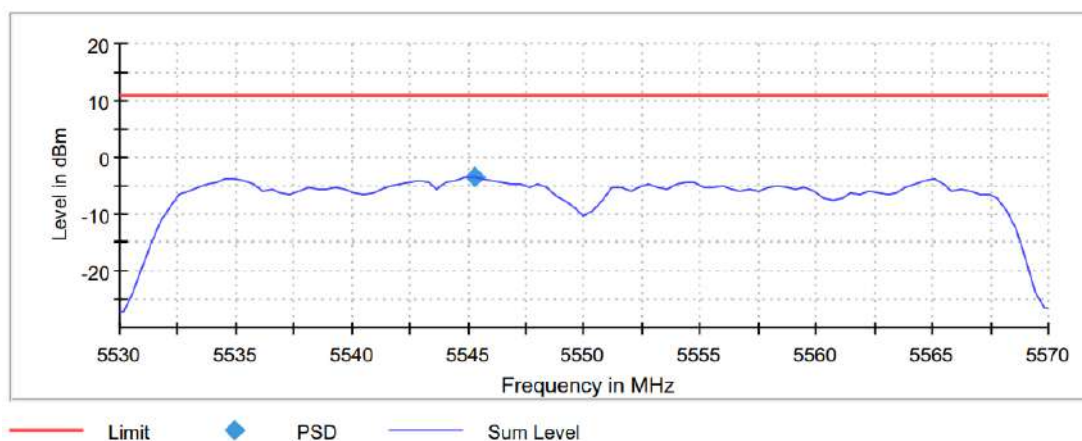
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	-4.441	-3.350	-2.195

Lowest Channel

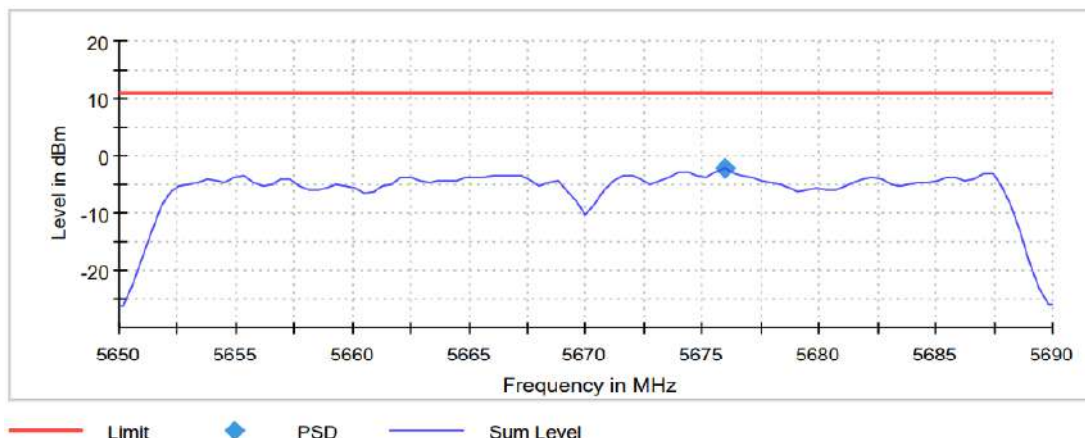


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

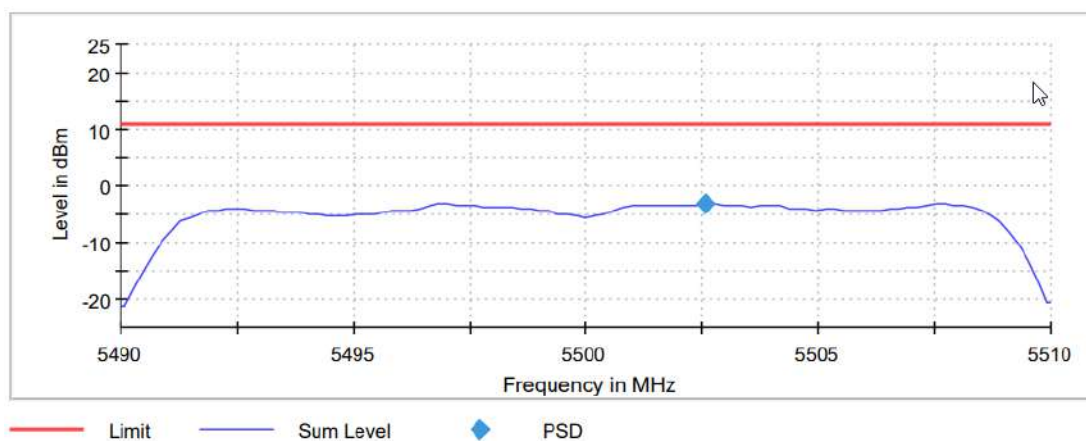
Setting	Instrument Value	Instrument Value	Instrument
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable	0.33 dB	0.49 dB	0.19 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (ac Mode SISO Radio A)
TEST RESULTS:	PASS

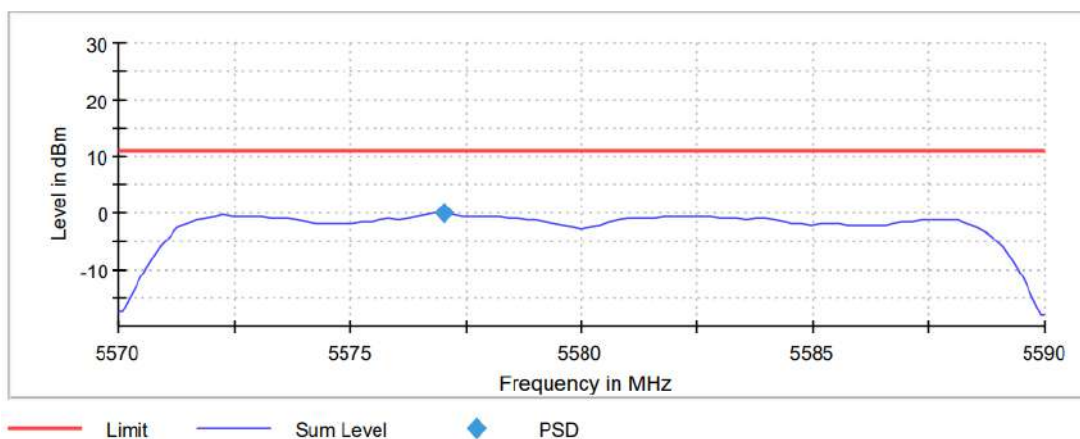
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	-3.200	-0.100	-2.340

Lowest Channel

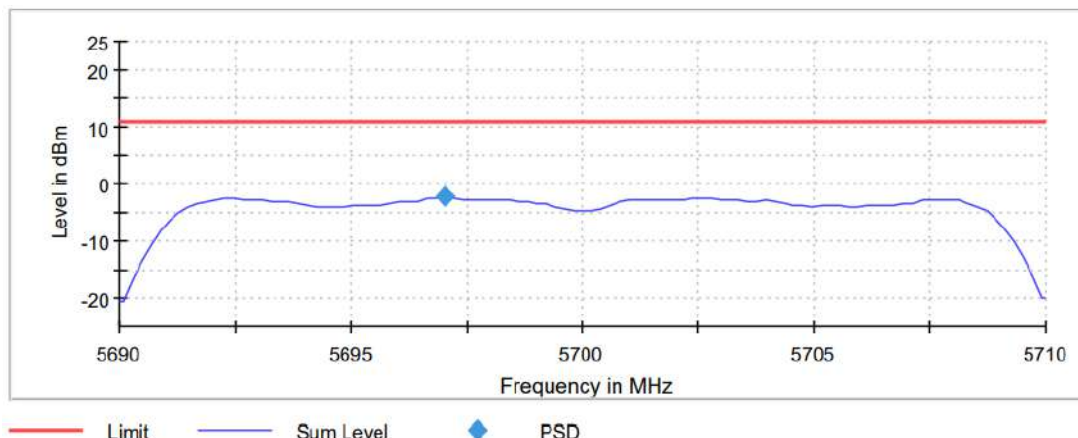


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

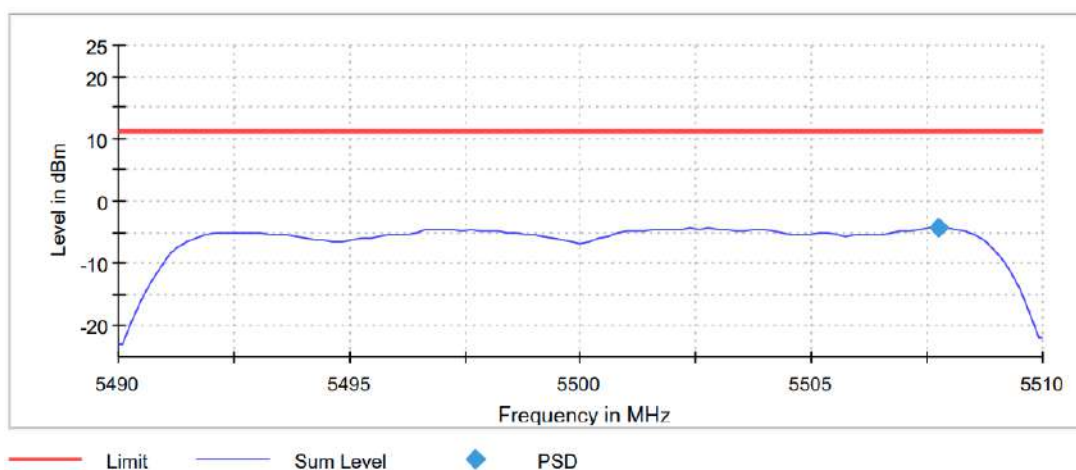
Setting	Instrument Value	Instrument Value	Instrument Value
.	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	2 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	3 / 3
Max Stable Difference	0.18 dB	0.29 dB	0.24 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (ac Mode SISO Radio B)
TEST RESULTS:	PASS

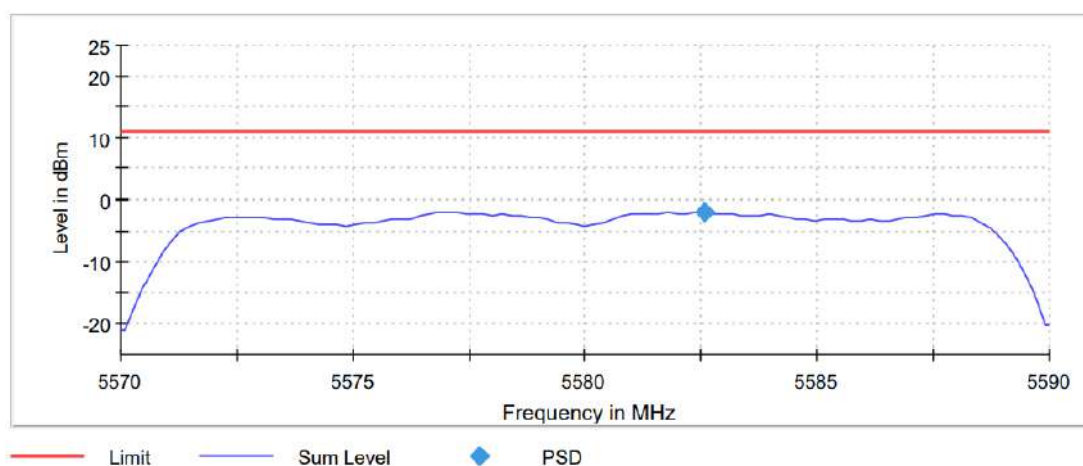
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	-4.284	-2.004	-1.179

Lowest Channel

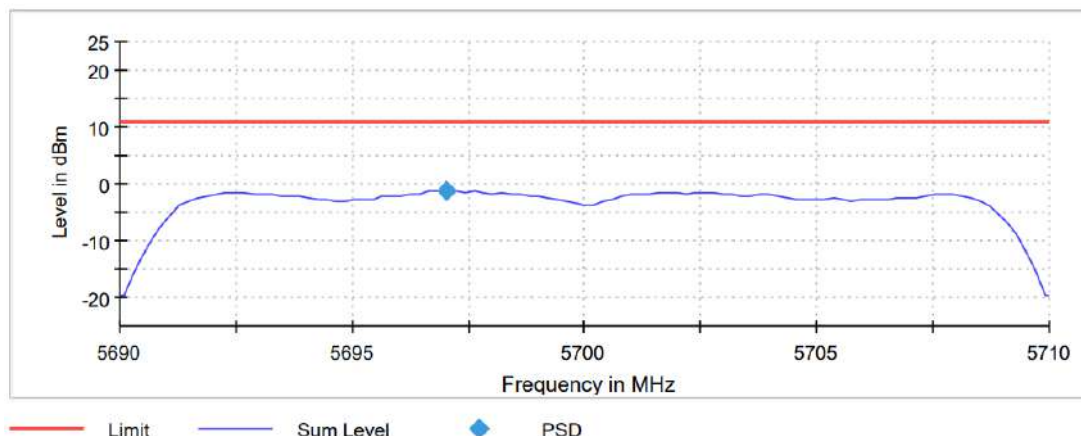


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

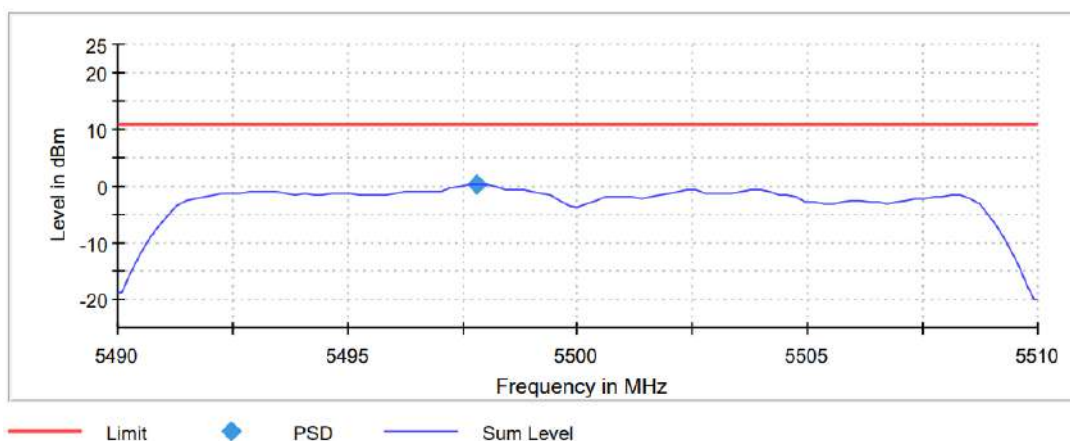
Setting	Instrument Value	Instrument Value	Instrument Value
.	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	2 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	3 / 3
Max Stable Difference	0.18 dB	0.34 dB	0.31 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (ac Mode MIMO Radio A+B)
TEST RESULTS:	PASS

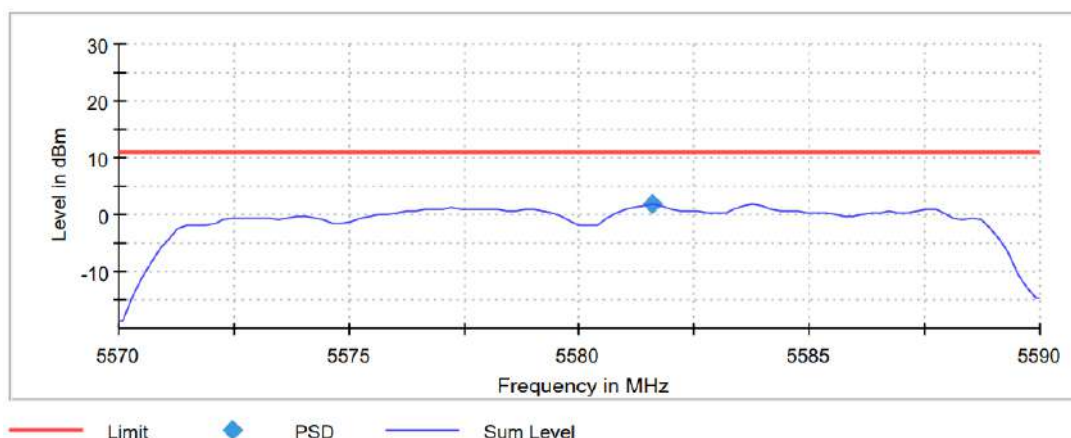
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	0.383	1.774	1.598

Lowest Channel

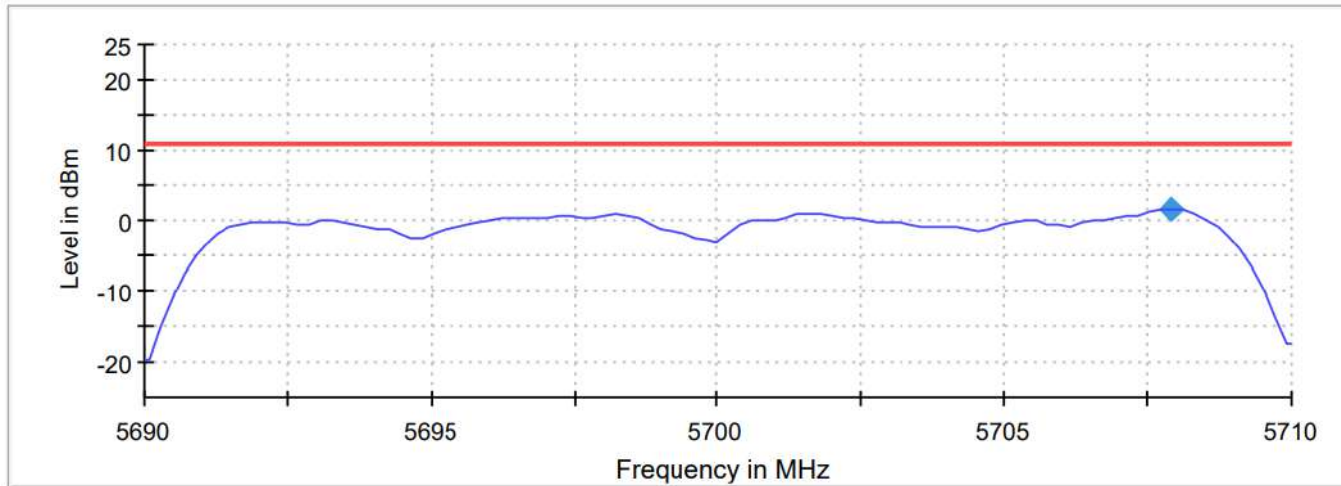


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

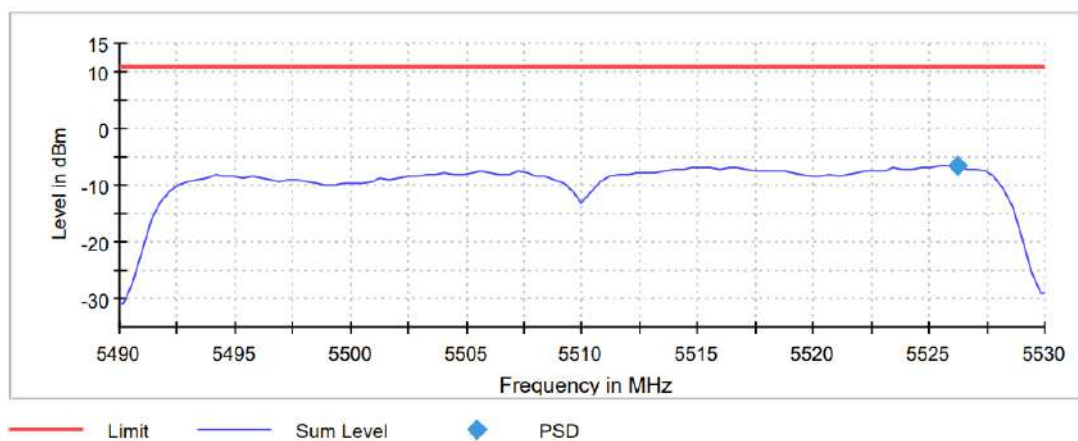
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	0	0	0
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	2 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	3 / 3
Max Stable	0.18 dB	0.34 dB	0.31 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio A)
TEST RESULTS:	PASS

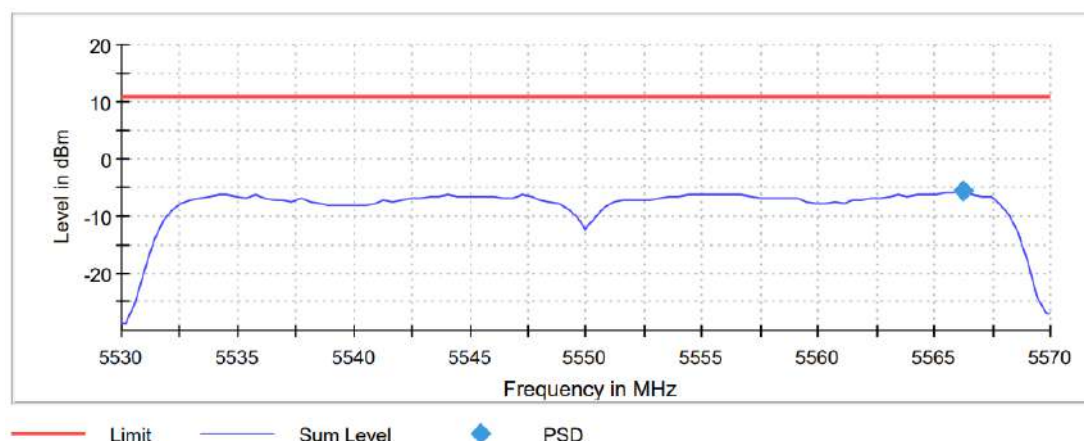
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	-6.568	-5.747	-4.642

Lowest Channel

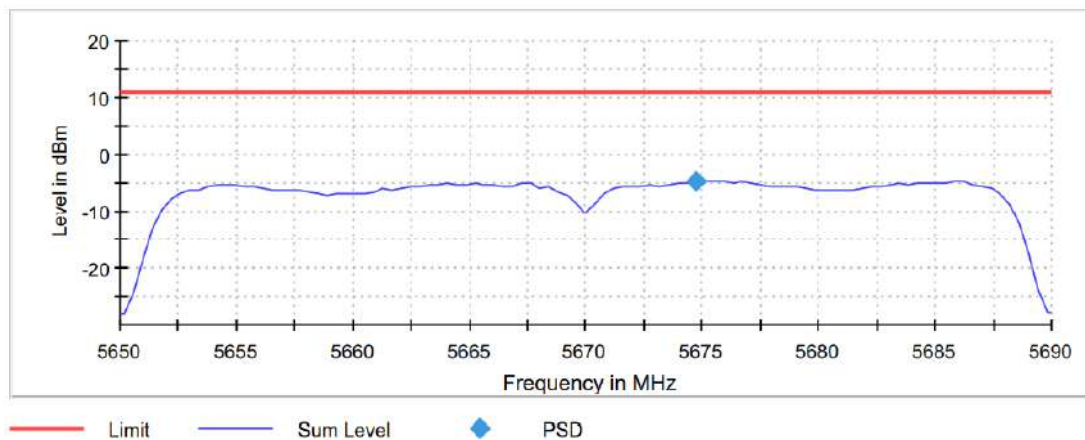


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

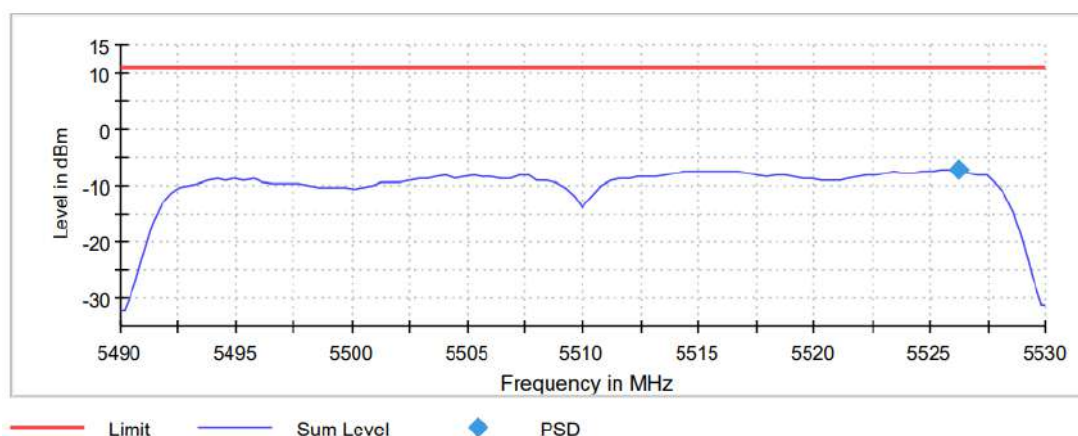
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.33 dB	0.29 dB	0.37 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio B)
TEST RESULTS:	PASS

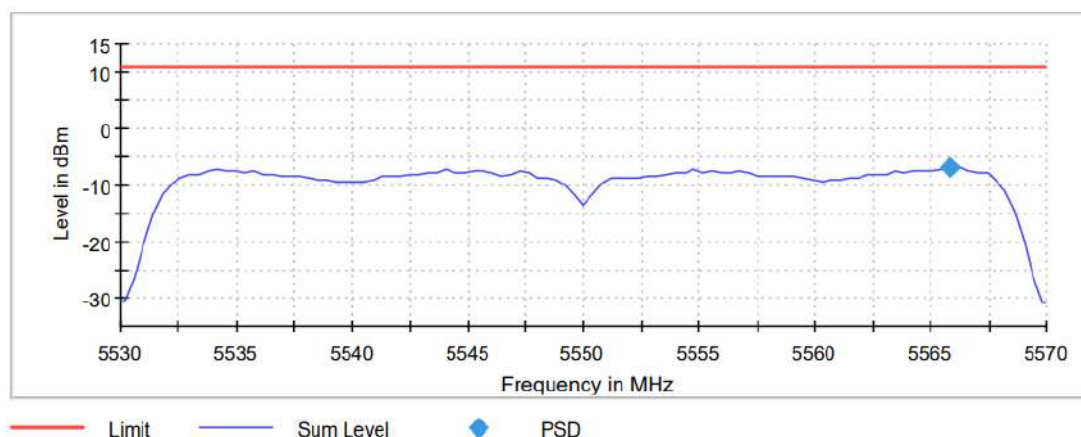
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	-7.243	-7.000	-4.950

Lowest Channel

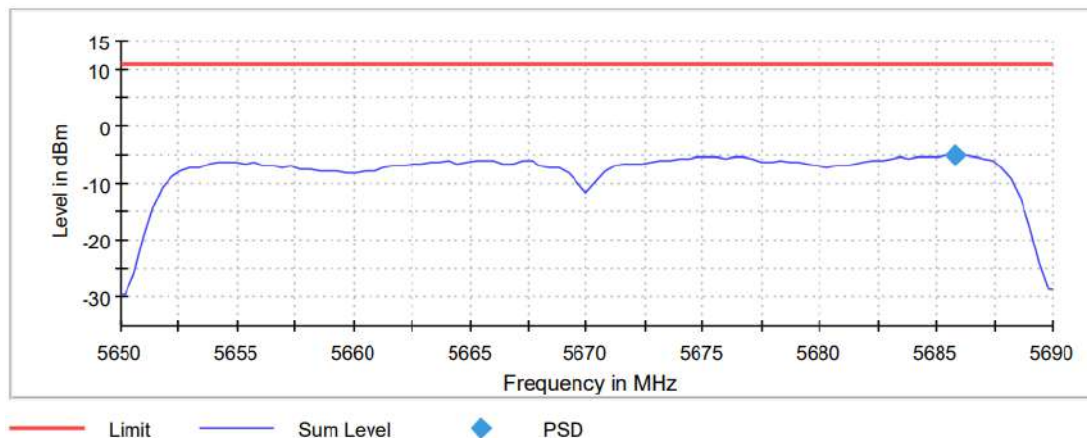


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

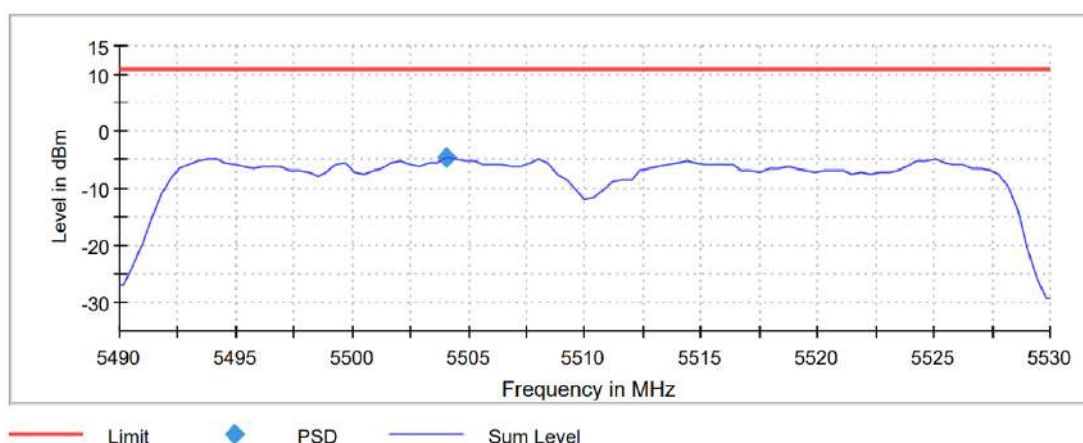
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.33 dB	0.32 dB	0.23 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode MIMO Radio A+B)
TEST RESULTS:	PASS

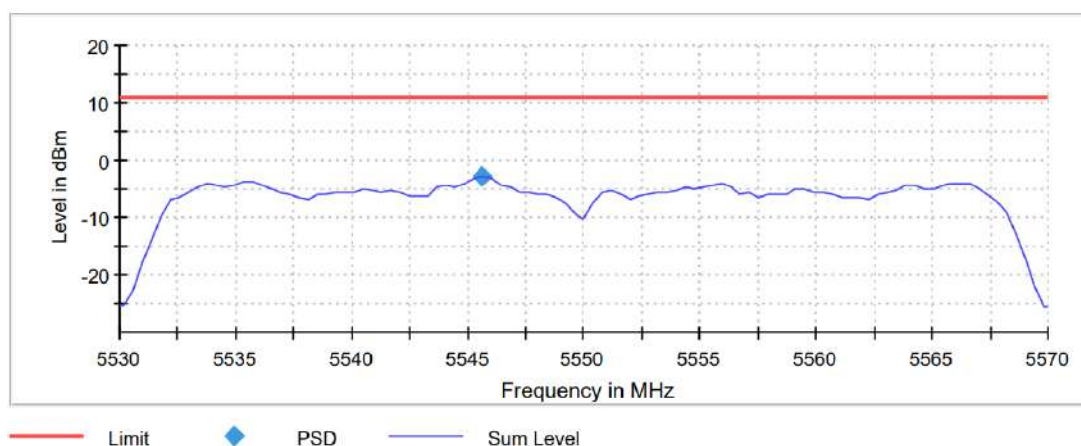
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	-4.798	-2.703	-2.555

Lowest Channel

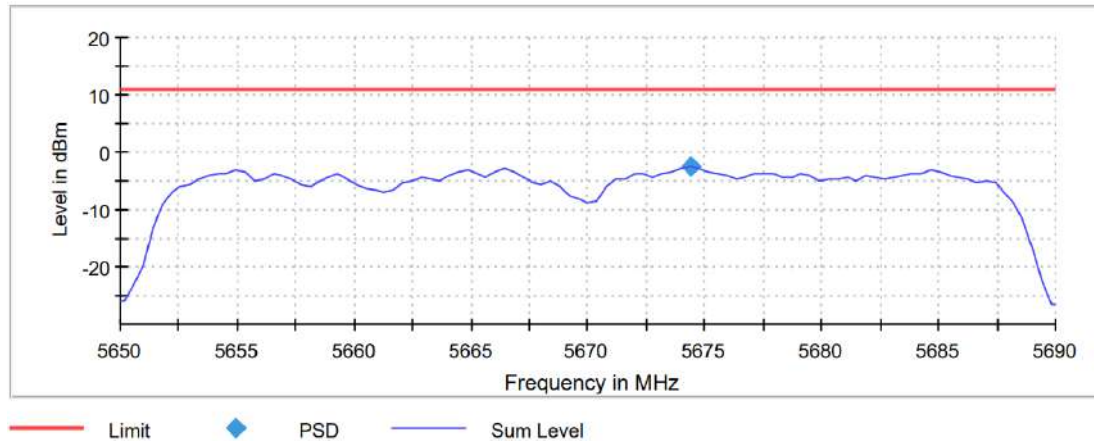


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

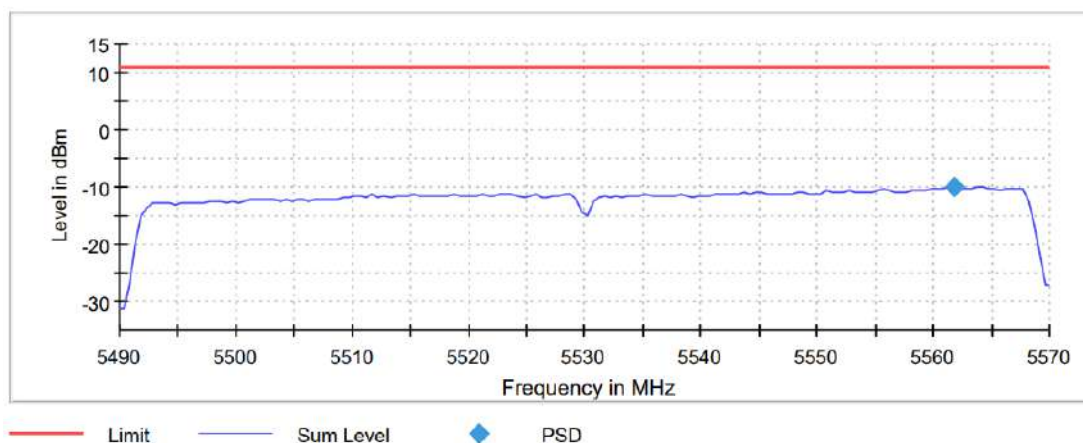
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.30 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio A)
TEST RESULTS:	PASS

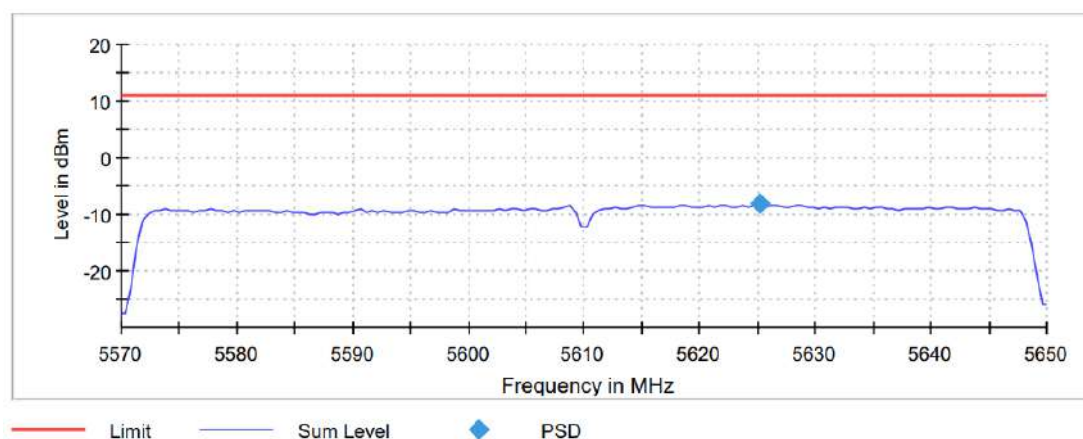
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Power spectral density (dBm)	-10.055	-8.280

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

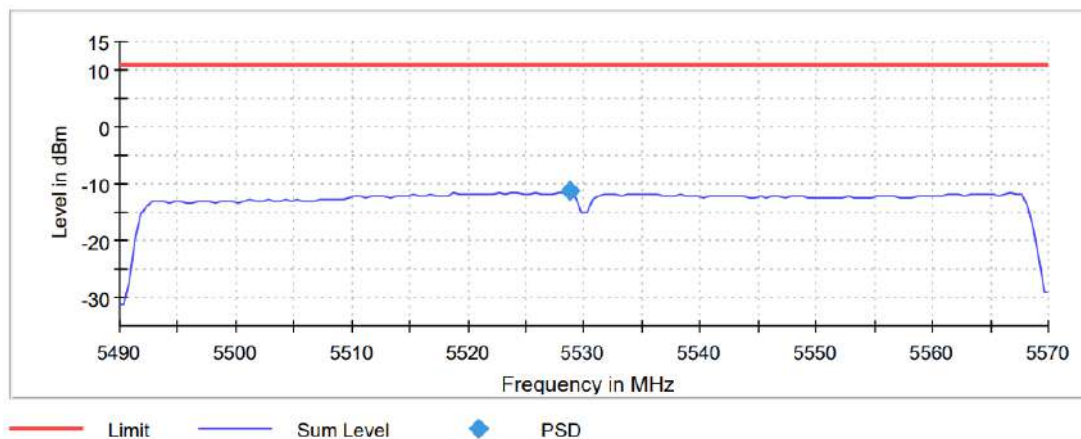
Setting	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz
Stop Frequency	5.57000 GHz	5.65000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	160	160
Sweep time	3.200 ms	3.200 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
Sweep Count	18750	8750
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	Sweep	Sweep
Preamplifier	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1
Max Stable Difference	0.30 dB	0.33 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio B)
TEST RESULTS:	PASS

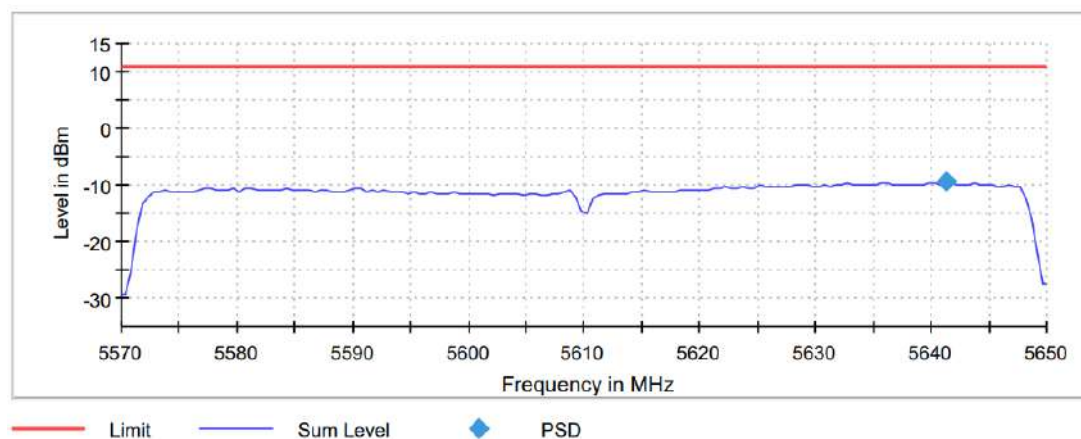
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Power spectral density (dBm)	-11.255	-9.487

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

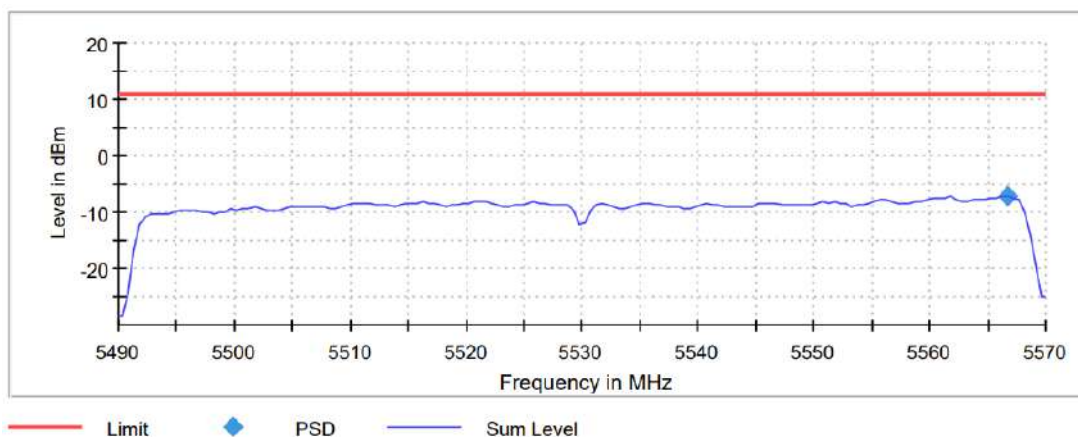
Setting	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz
Stop Frequency	5.57000 GHz	5.65000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	160	160
Sweep time	3.200 ms	3.200 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
Sweep Count	18750	8750
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	Sweep	Sweep
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1
Max Stable Difference	0.23 dB	0.22 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode MIMO Radio A+B)
TEST RESULTS:	PASS

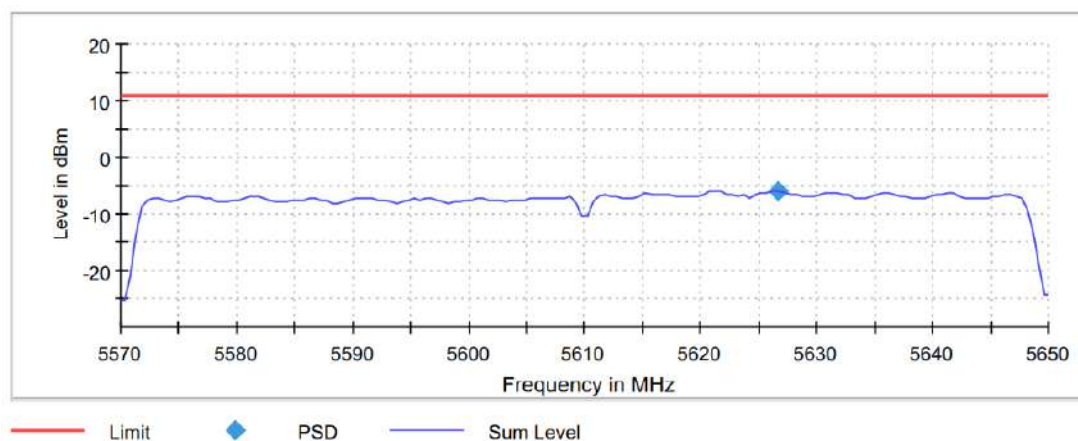
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Power spectral density (dBm)	-7.116	-5.990

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

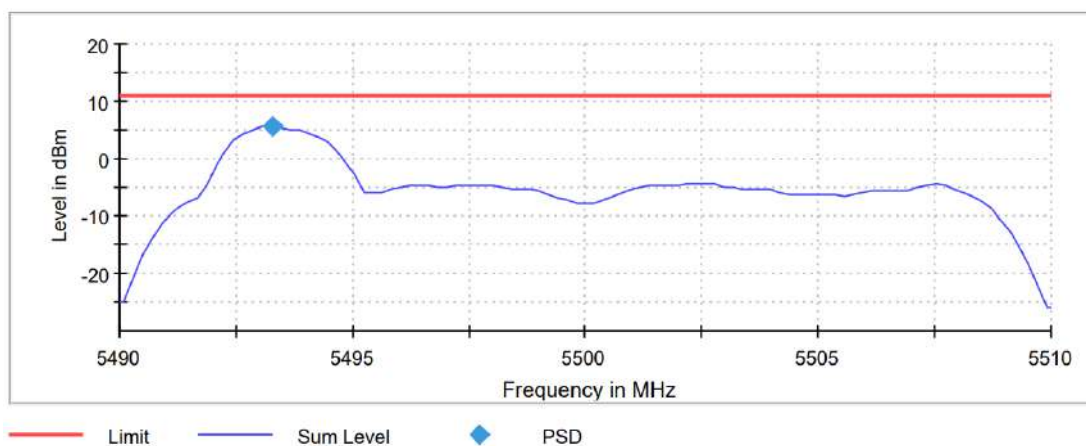
Setting	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz
Stop Frequency	5.57000 GHz	5.65000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	160	160
Sweep time	3.200 ms	3.200 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
Sweep Count	18750	8750
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	Sweep	Sweep
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1
Max Stable Difference	0.29 dB	0.33 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio A)
TEST RESULTS:	PASS

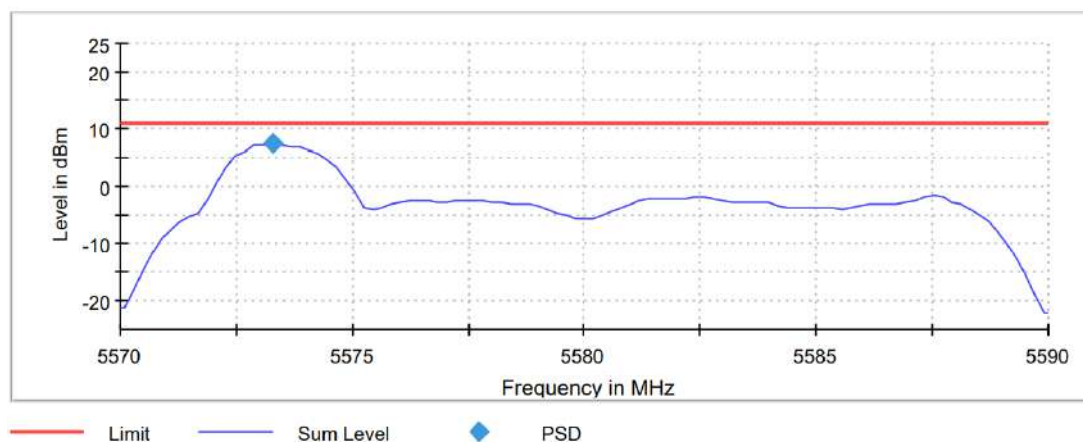
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	5.723	7.359	7.285

Lowest Channel

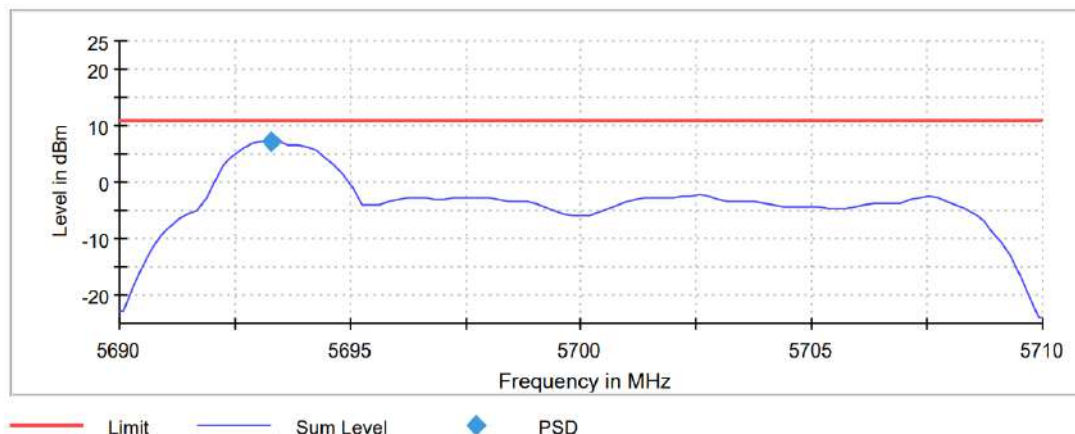


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

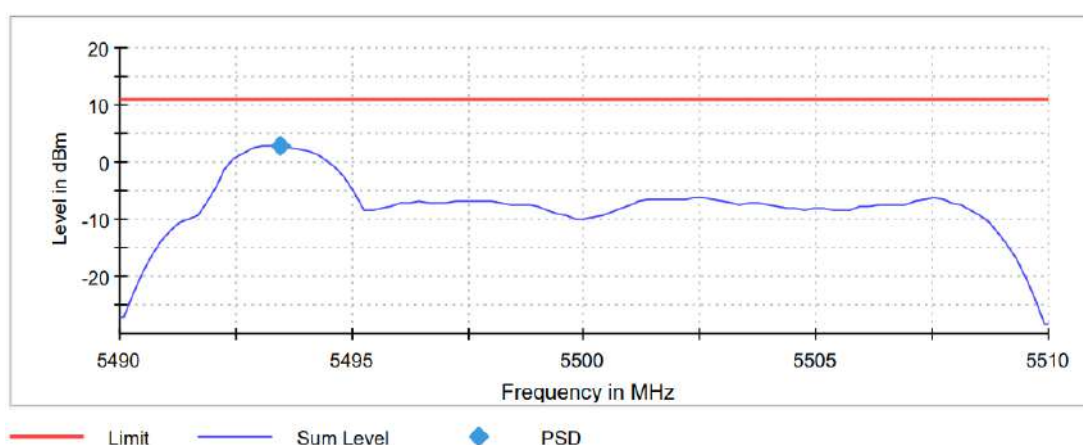
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	2 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	3 / 3
Max Stable Difference	0.30 dB	0.34 dB	0.21 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio B)
TEST RESULTS:	PASS

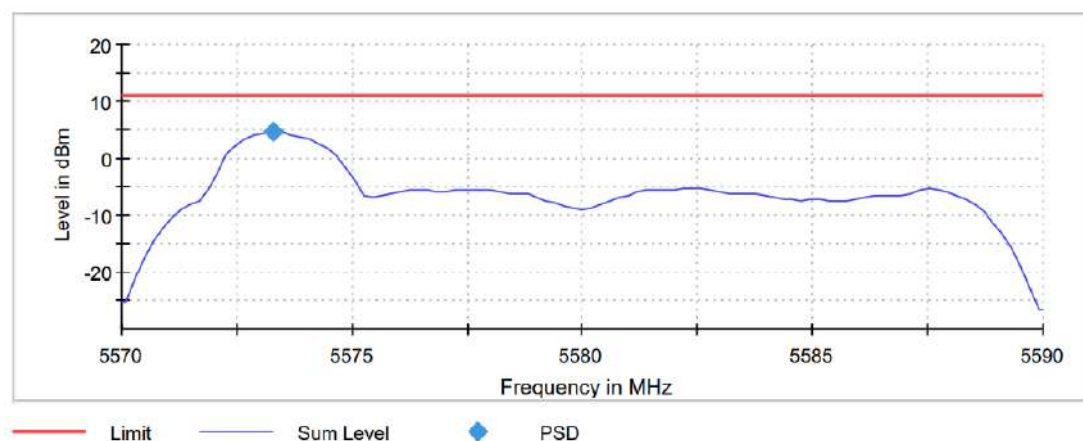
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 55700 MHz
Power spectral density (dBm)	2.894	4.760	5.430

Lowest Channel

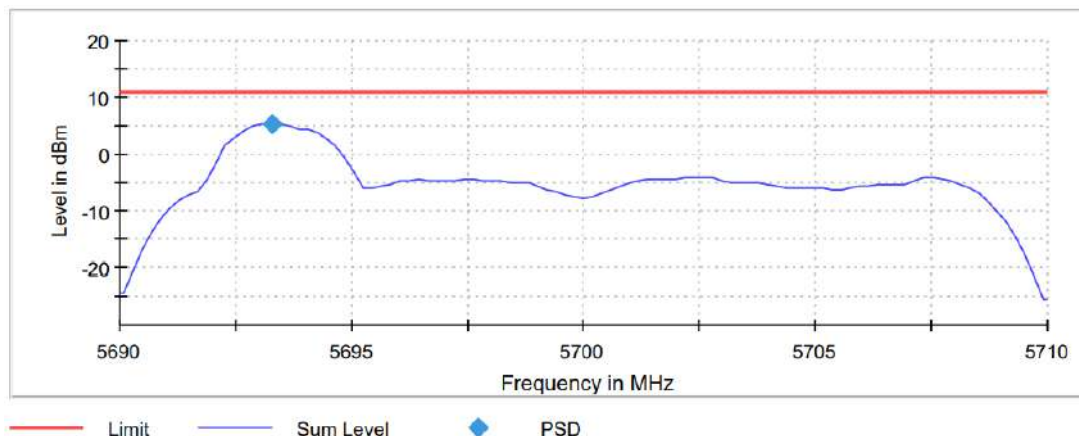


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

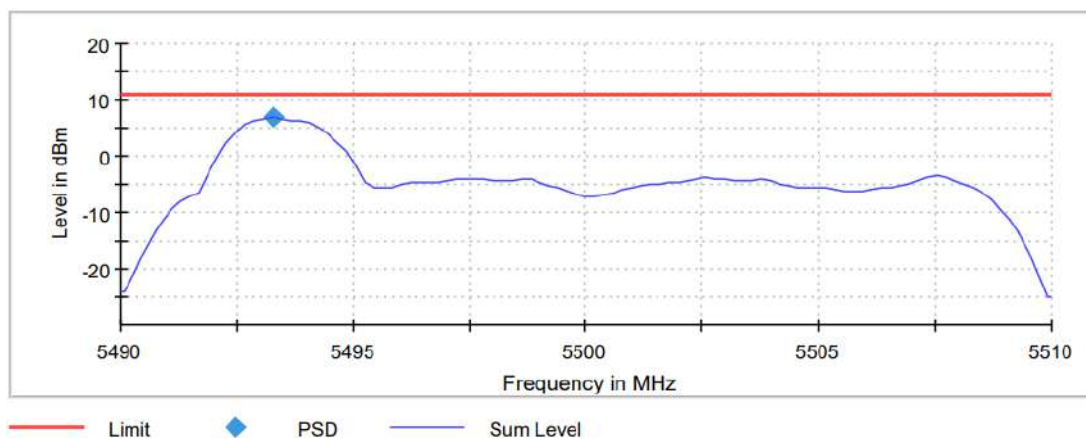
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	2 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	3 / 3
Max Stable Difference	0.38 dB	0.34 dB	0.46 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

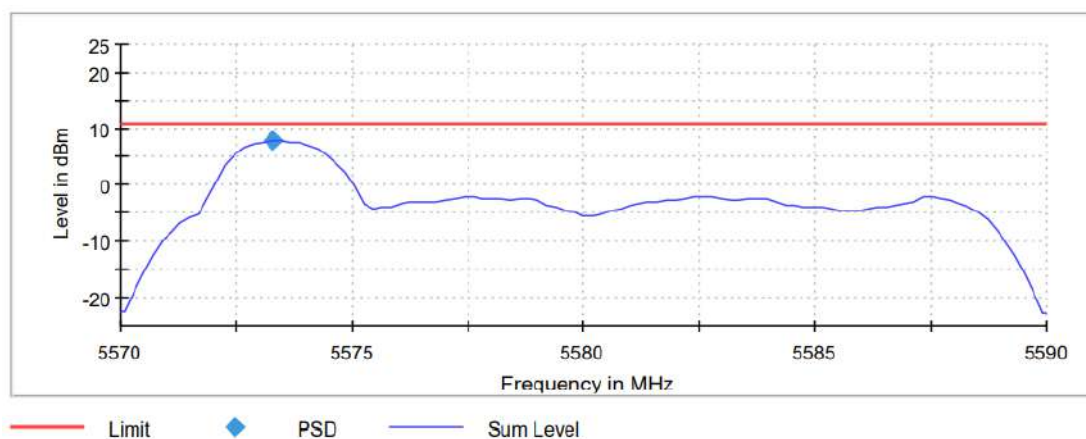
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5570 MHz
Power spectral density (dBm)	6.817	7.817	7.056

Lowest Channel

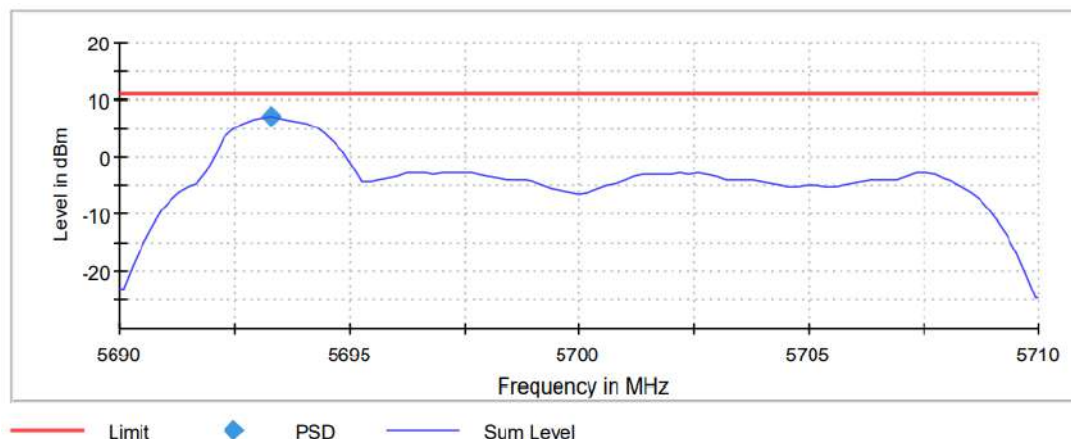


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

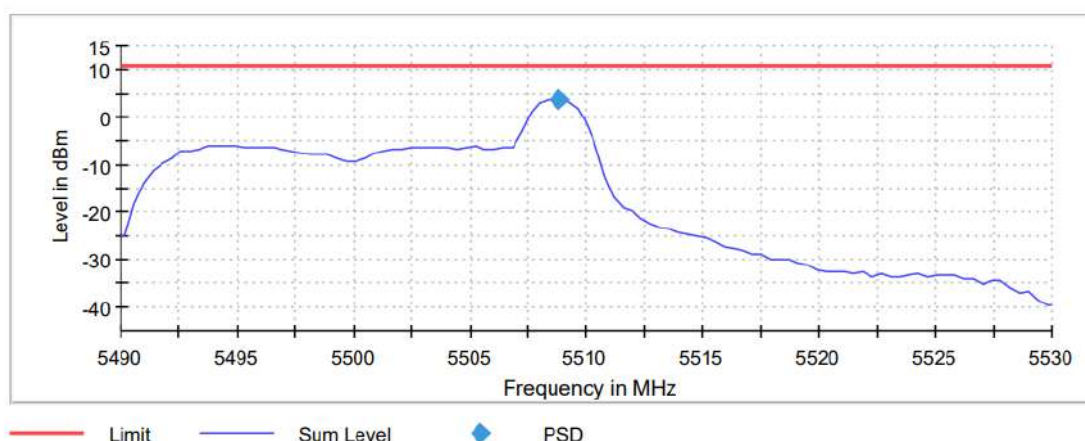
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	2 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	3 / 3
Max Stable Difference	0.38 dB	0.34 dB	0.46 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio A)
TEST RESULTS:	PASS

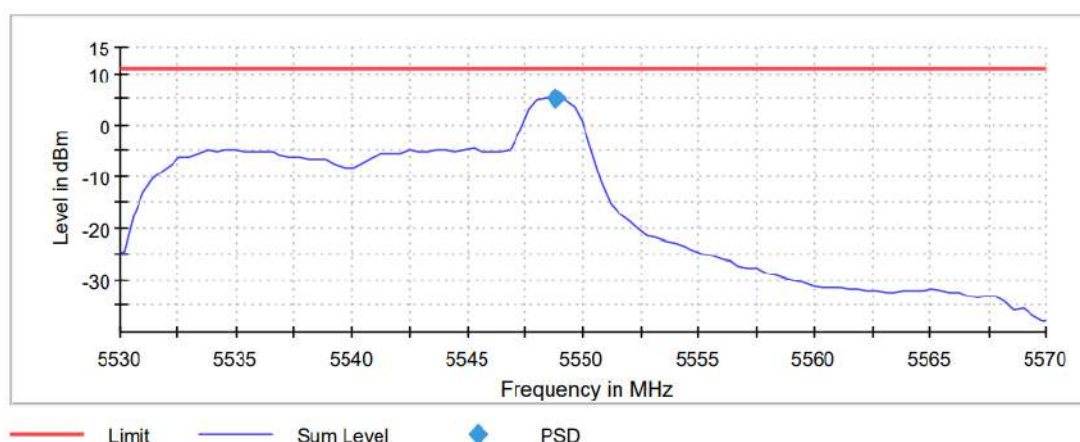
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	3.782	4.986	5.028

Lowest Channel

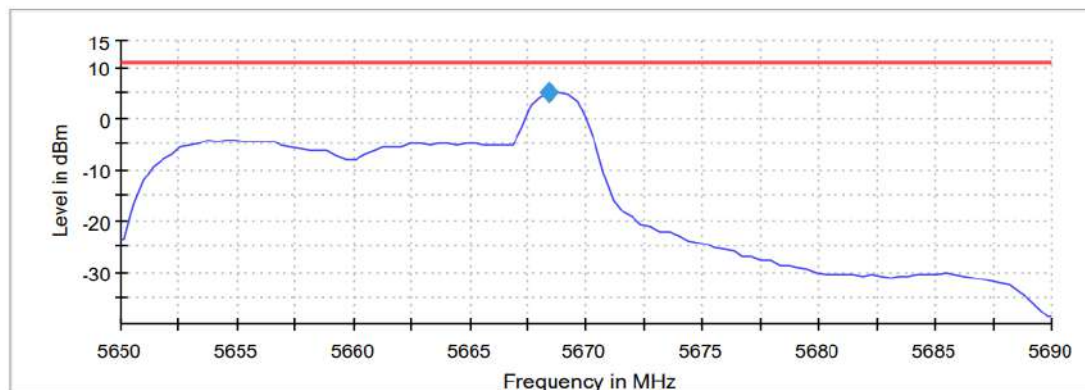


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



— Limit — Sum Level ◆ PSD
Measurement

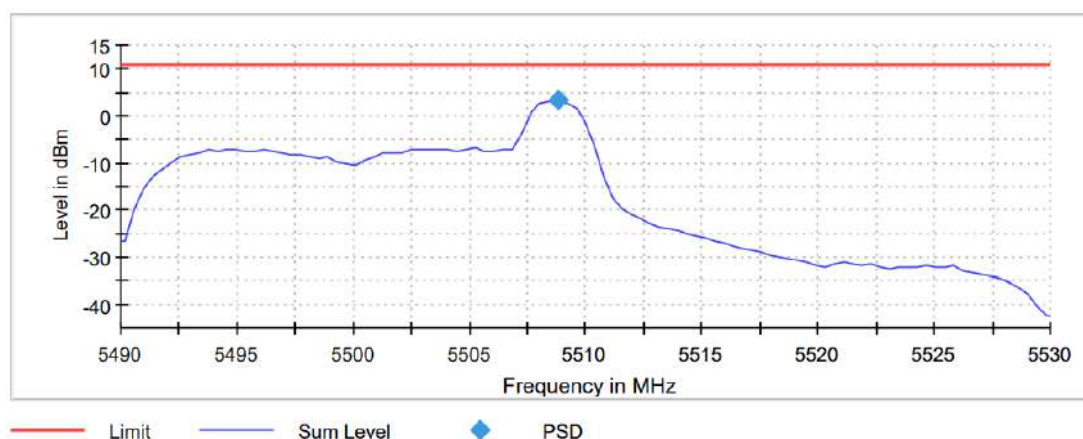
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.30 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.19 dB	0.00 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio B)
TEST RESULTS:	PASS

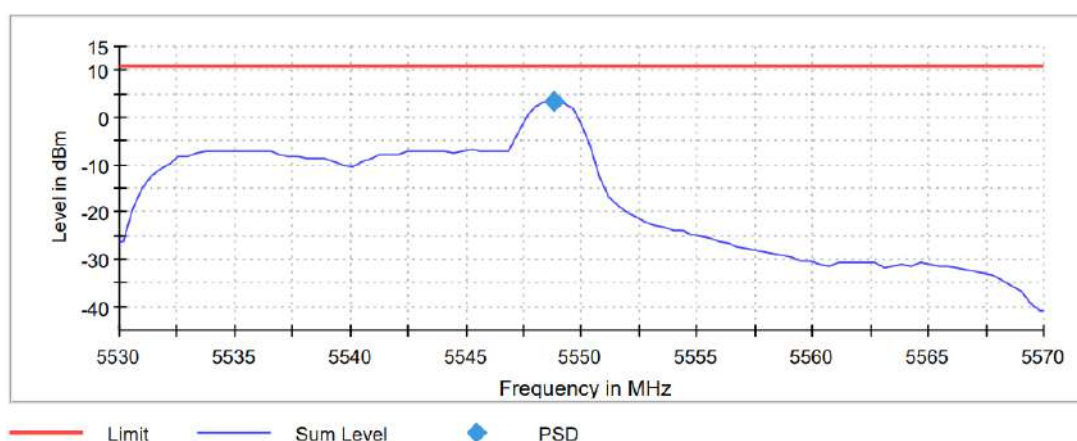
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	3.250	3.535	5.028

Lowest Channel

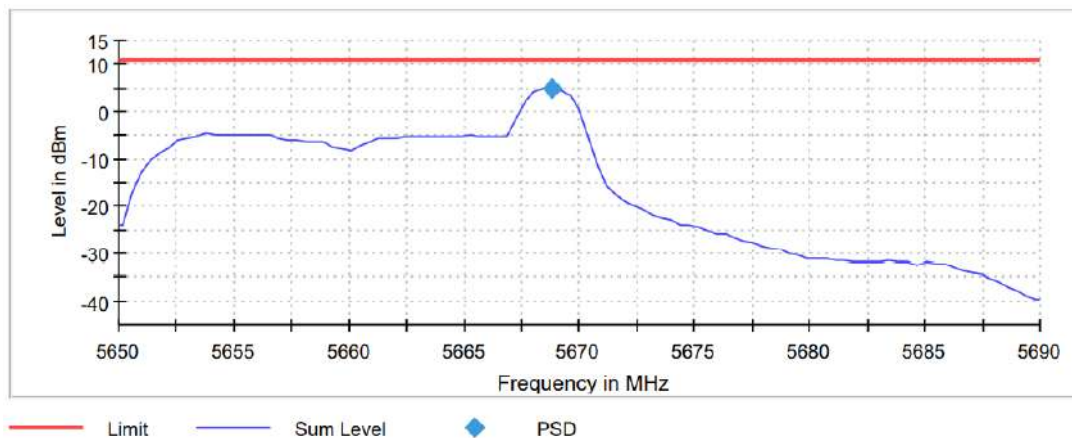


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

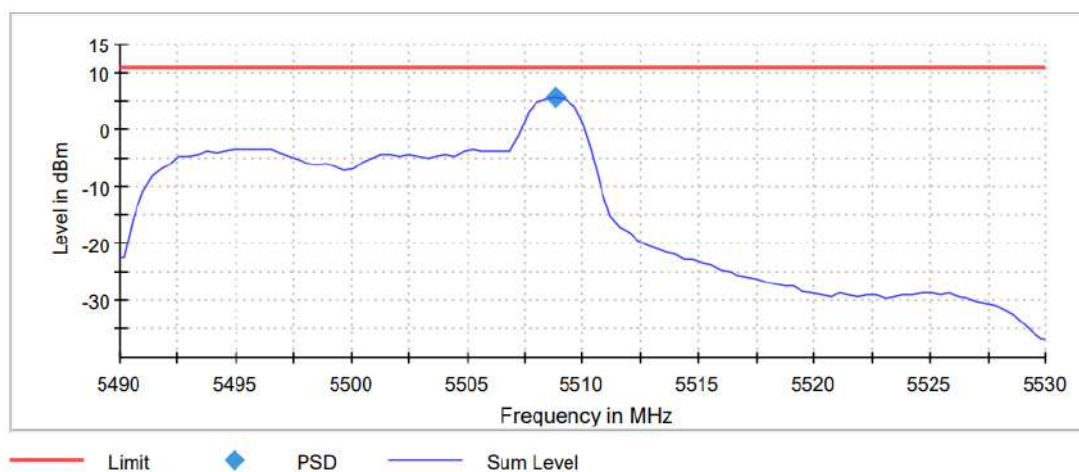
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.30 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.18 dB	0.28 dB	0.20 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

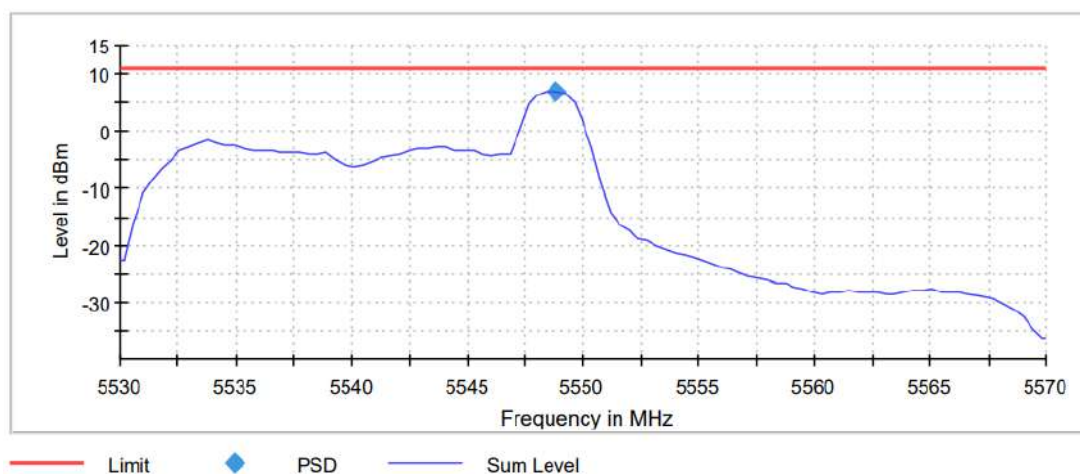
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	5.487	6.881	6.375

Lowest Channel

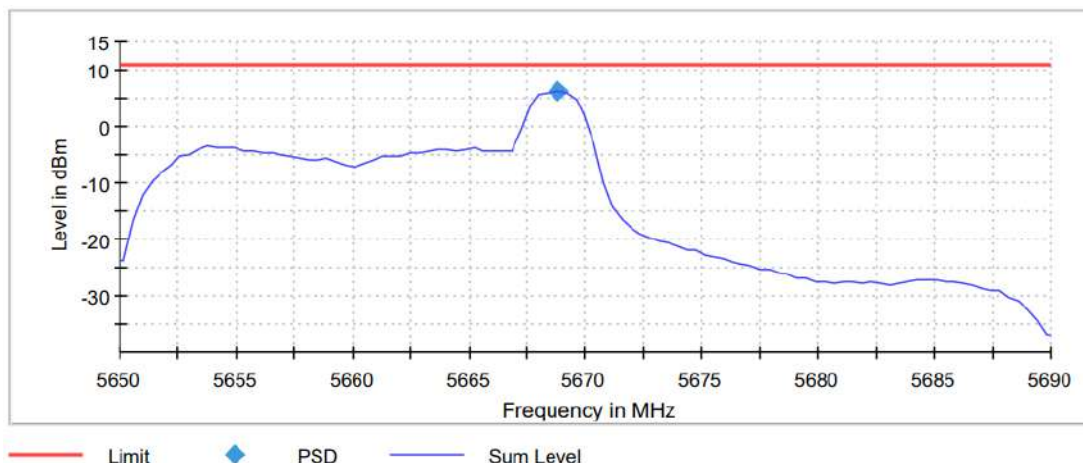


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

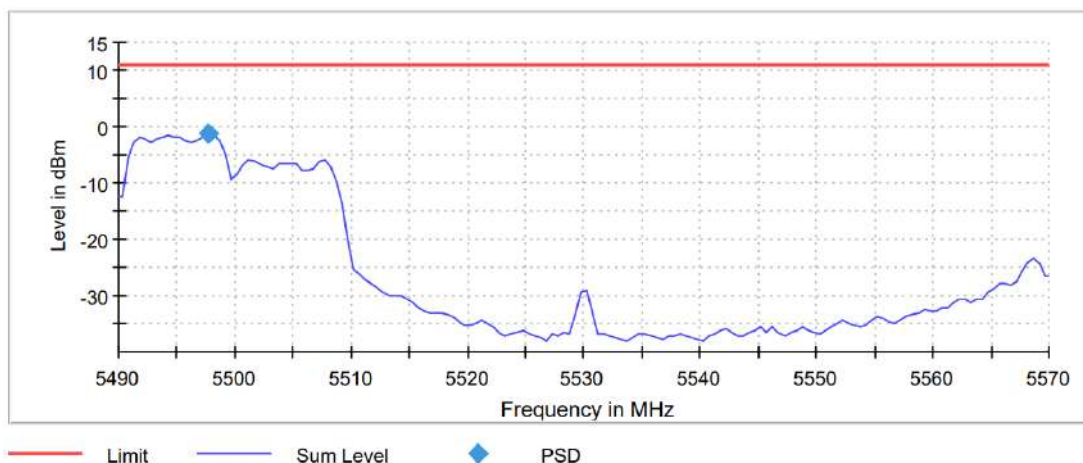
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.30 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.18 dB	0.28 dB	0.31 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio A)
TEST RESULTS:	PASS

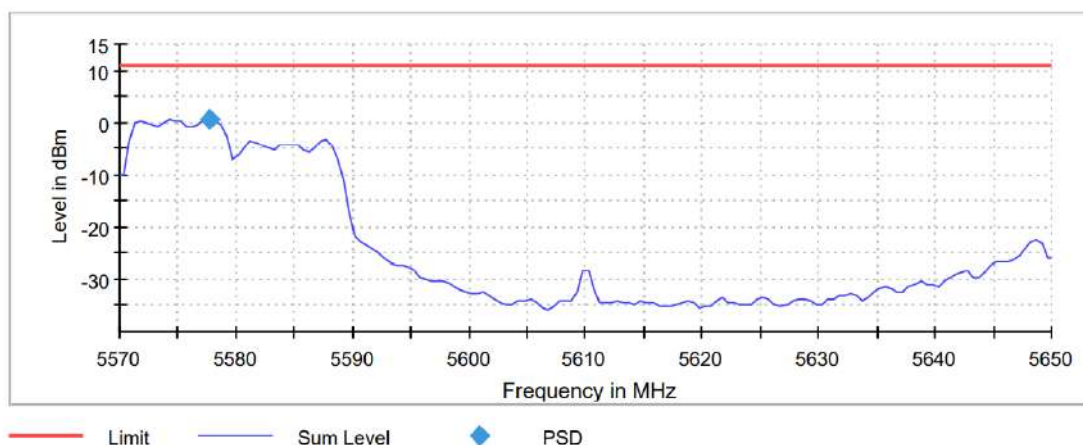
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Power spectral density (dBm)	-1.161	0.612

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

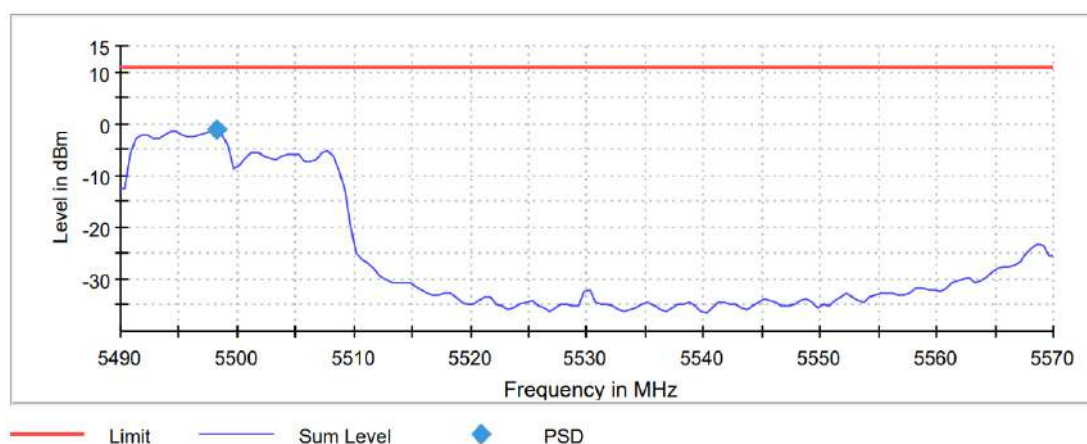
Setting	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz
Stop Frequency	5.57000 GHz	5.65000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	160	160
Sweep time	3.200 ms	3.200 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
Sweep Count	18750	8750
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	Sweep	Sweep
Preamplifier	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1
Max Stable Difference	0.29 dB	0.47 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio B)
TEST RESULTS:	PASS

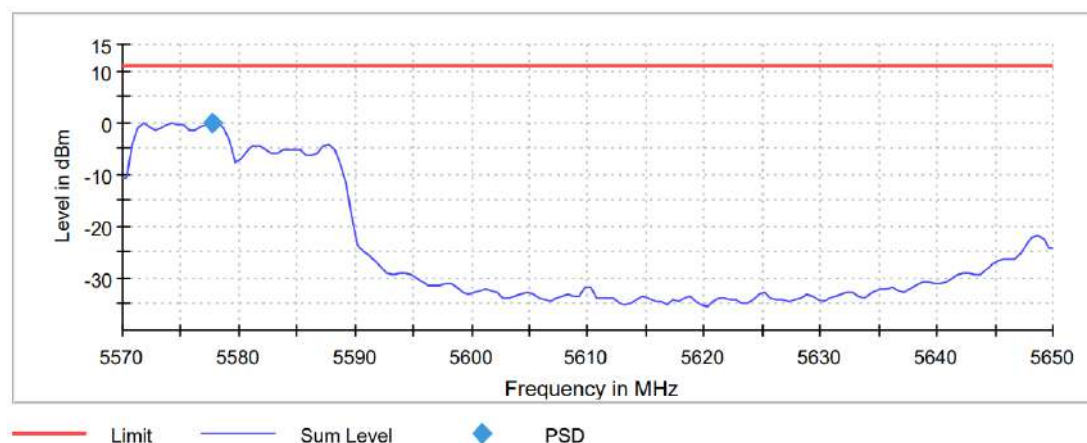
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Power spectral density (dBm)	-1.172	-0.029

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

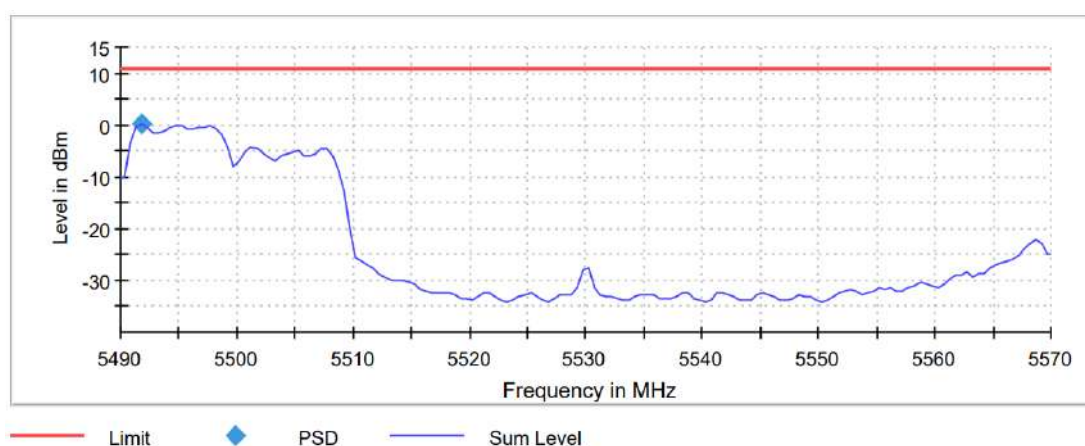
Setting	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz
Stop Frequency	5.57000 GHz	5.65000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	160	160
Sweep time	3.200 ms	3.200 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
Sweep Count	18750	8750
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	Sweep	Sweep
Preamplifier	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1
Max Stable Difference	0.29 dB	0.47 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

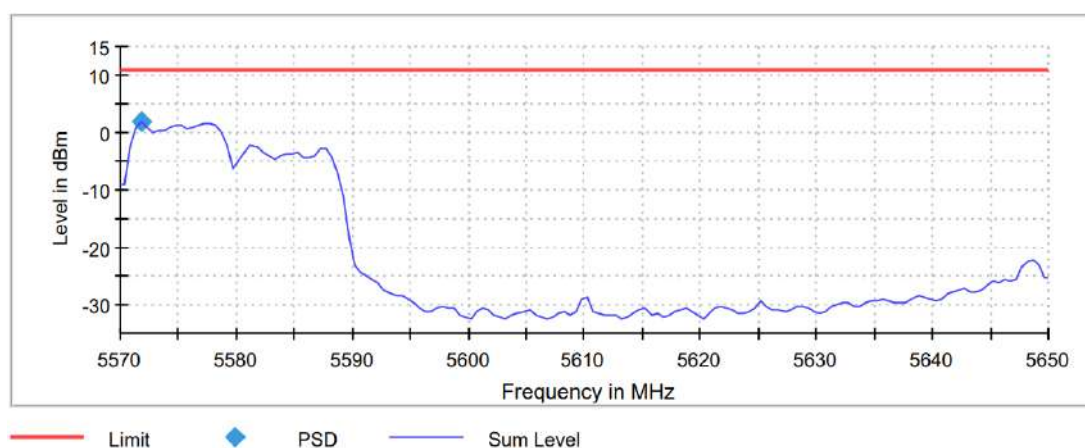
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Power spectral density (dBm)	0.351	1.847

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

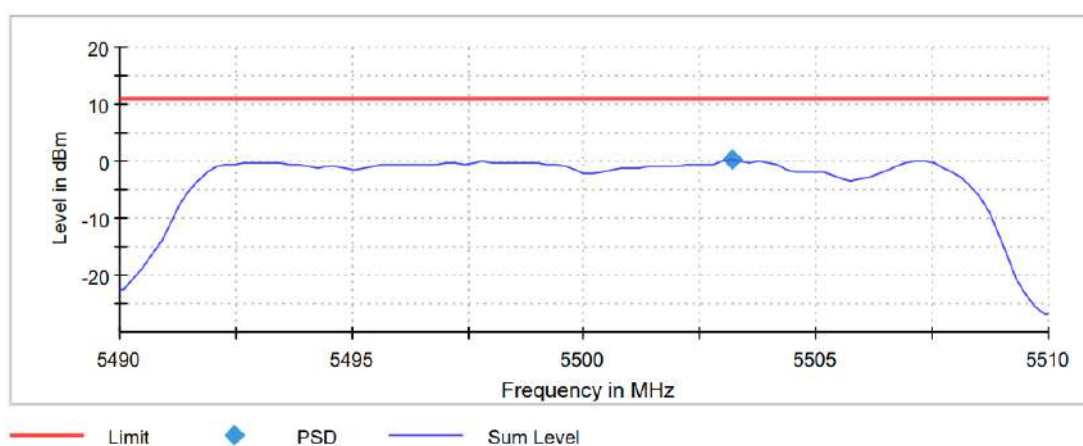
Setting	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz
Stop Frequency	5.57000 GHz	5.65000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	160	160
Sweep time	3.200 ms	3.200 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
Sweep Count	18750	8750
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	Sweep	Sweep
Preamplifier	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1
Max Stable Difference	0.29 dB	0.47 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

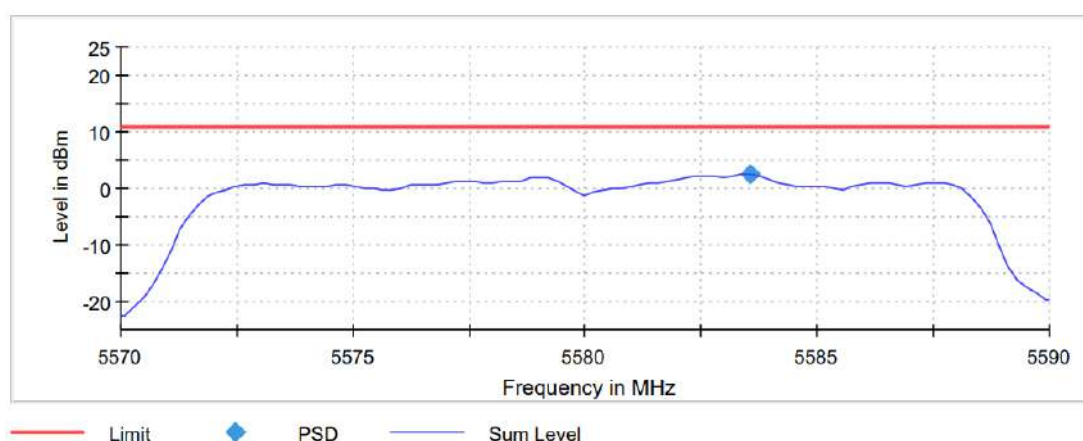
Bandwidth: 20 MHz

	Lowest frequency 5500 MHz	Middle frequency 5580 MHz	Highest frequency 5700 MHz
Power spectral density (dBm)	0.198	2.470	1.433

Lowest Channel

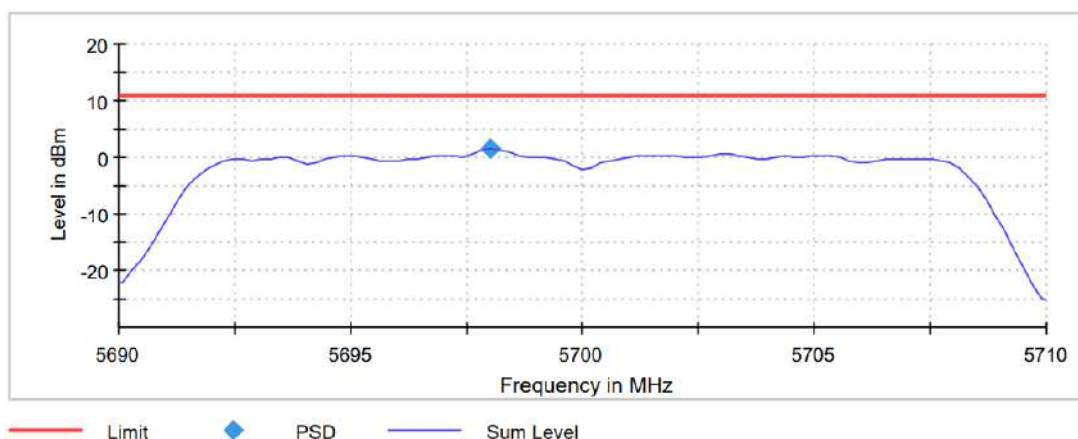


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



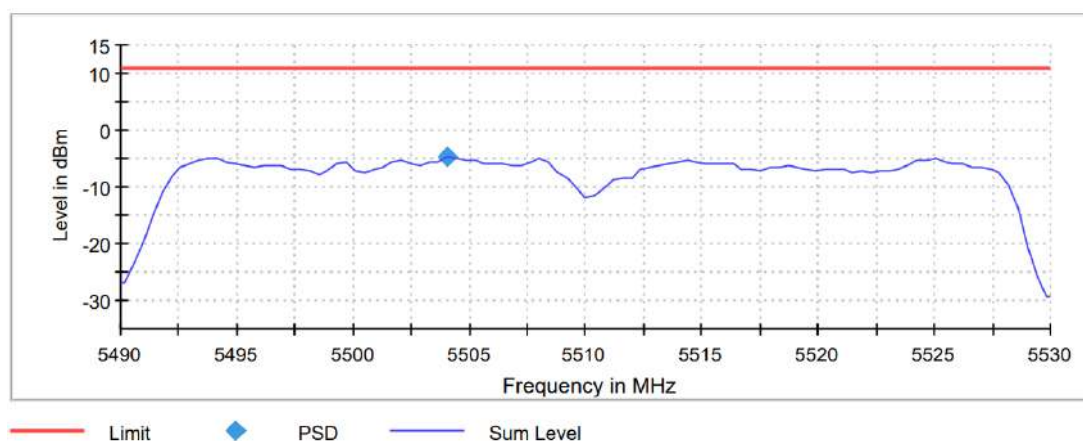
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz	5.69000 GHz
Stop Frequency	5.51000 GHz	5.59000 GHz	5.71000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	2 / max. 15	15 / max. 15	15 / max. 15
Stable	3 / 3	2 / 3	3 / 3
Max Stable	0.38 dB	0.34 dB	0.46 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

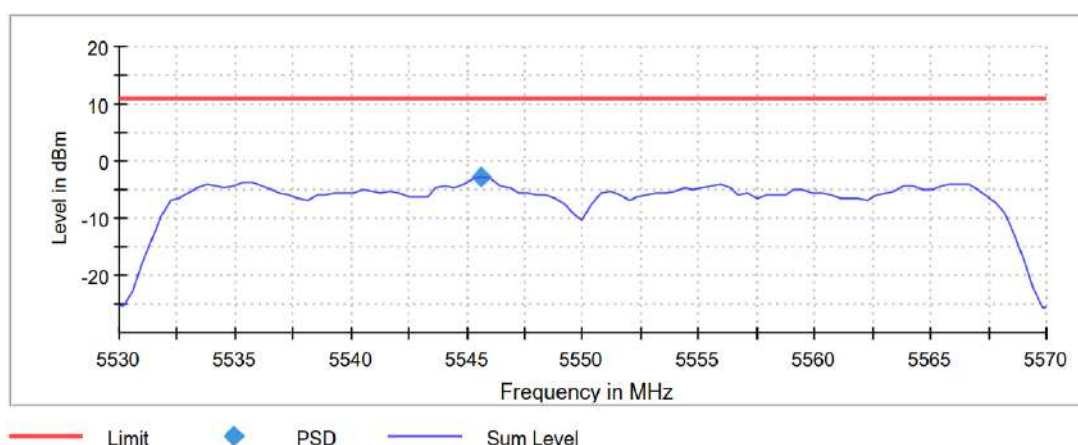
Bandwidth: 40 MHz

	Lowest frequency 5510 MHz	Middle frequency 5550 MHz	Highest frequency 5670 MHz
Maximum conducted power (dBm)	-4.798	-2.703	-2.555

Lowest Channel

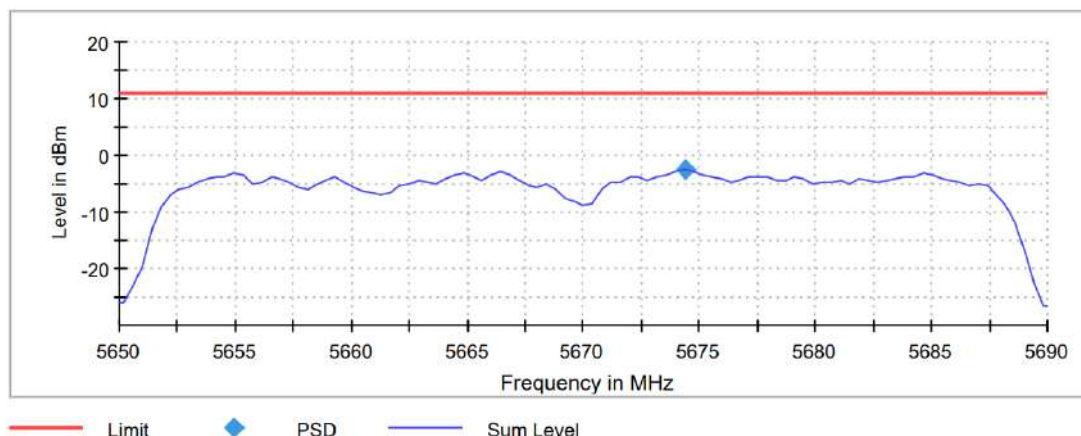


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

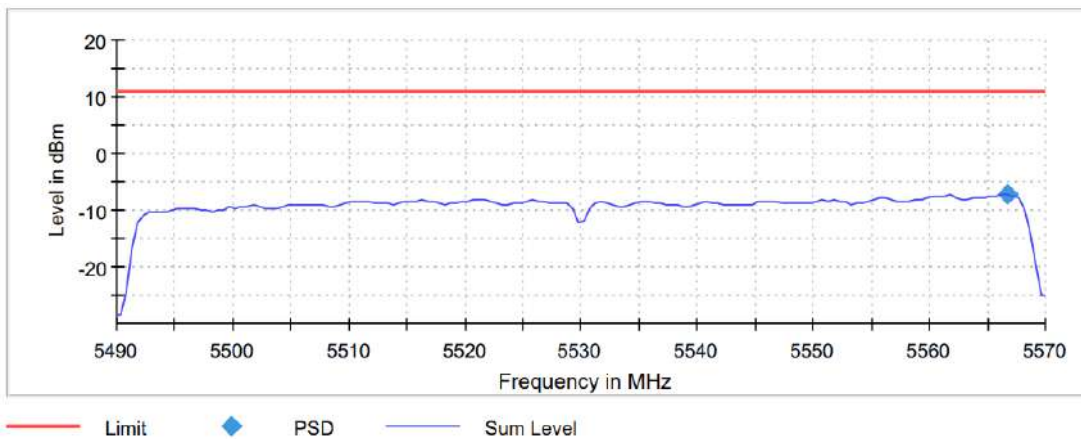
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.53000 GHz	5.65000 GHz
Stop Frequency	5.53000 GHz	5.57000 GHz	5.69000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
Sweep Points	101	101	101
Sweep time	2.020 ms	2.020 ms	2.020 ms
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
Sweep Count	29703	29703	29703
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.30 dB
Run	2 / max. 15	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1	1 / 1
Max Stable Difference	0.18 dB	0.28 dB	0.31 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

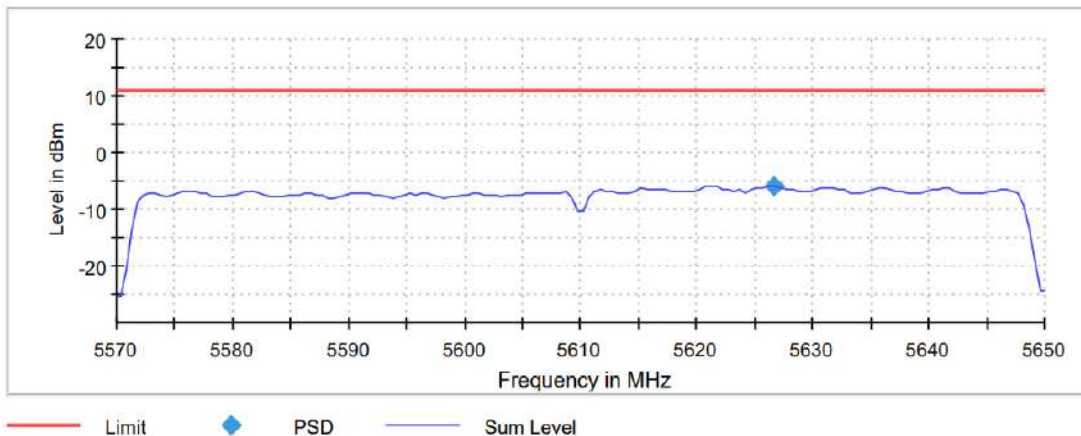
Bandwidth: 80 MHz

	Lowest frequency 5530 MHz	Highest frequency 5610 MHz
Power spectral density (dBm)	-7.116	-5.990

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

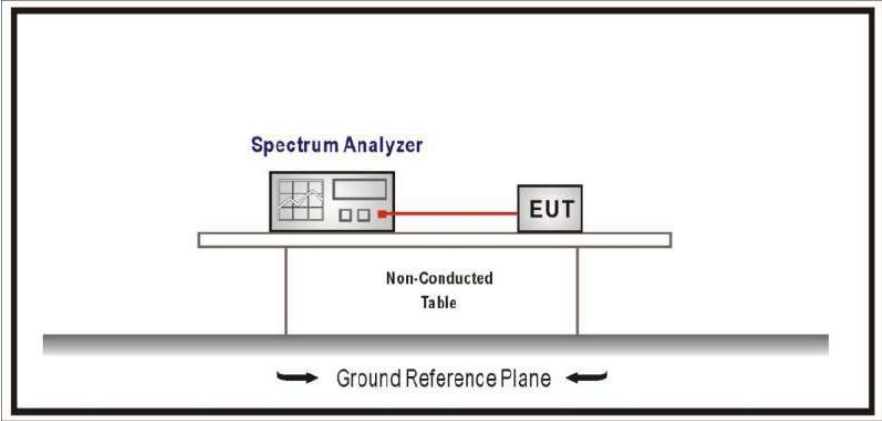
Setting	Instrument Value	Instrument Value
Start Frequency	5.49000 GHz	5.57000 GHz
Stop Frequency	5.57000 GHz	5.65000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
Sweep Points	160	160
Sweep time	3.200 ms	3.200 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
Sweep Count	18750	8750
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	Sweep	Sweep
Preamplifier	off	off
Stable mode	Trace	Trace
Stable value	0.50 dB	0.50 dB
Run	2 / max. 15	2 / max. 15
Stable	1 / 1	1 / 1
Max Stable Difference	0.29 dB	0.47 dB

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

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

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

TEST SETUP



Note: The following test results are shown based on KDB 662911 D01 Multiple Transmitter Output v02r01 E) 3) a) (ii) Measure and sum spectral maxima across the outputs as described in section E)2)b).