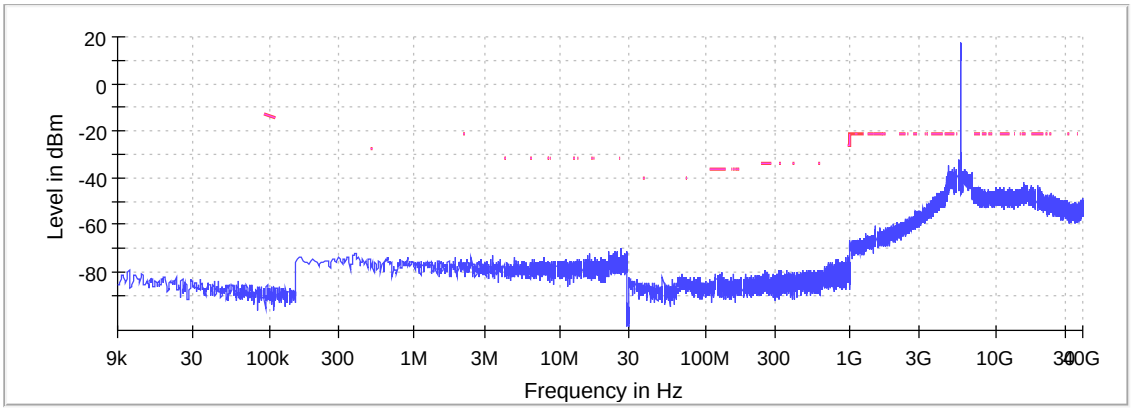
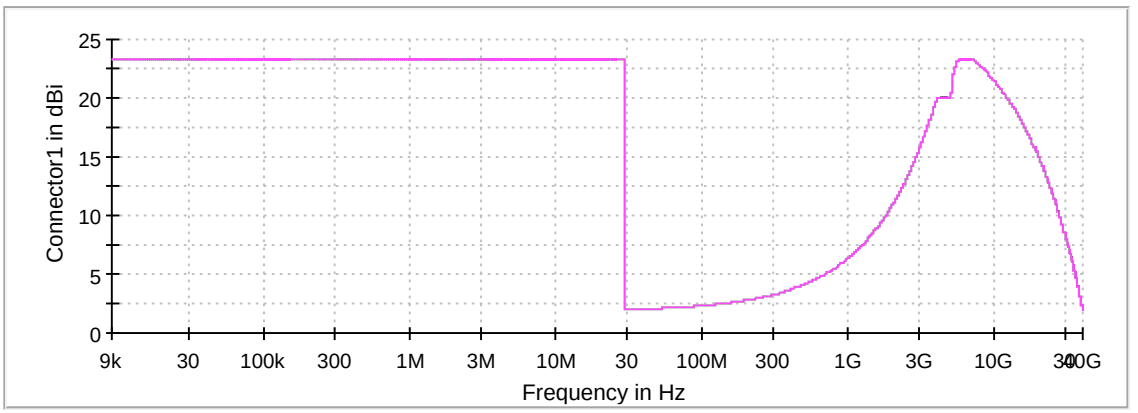
Restricted Band



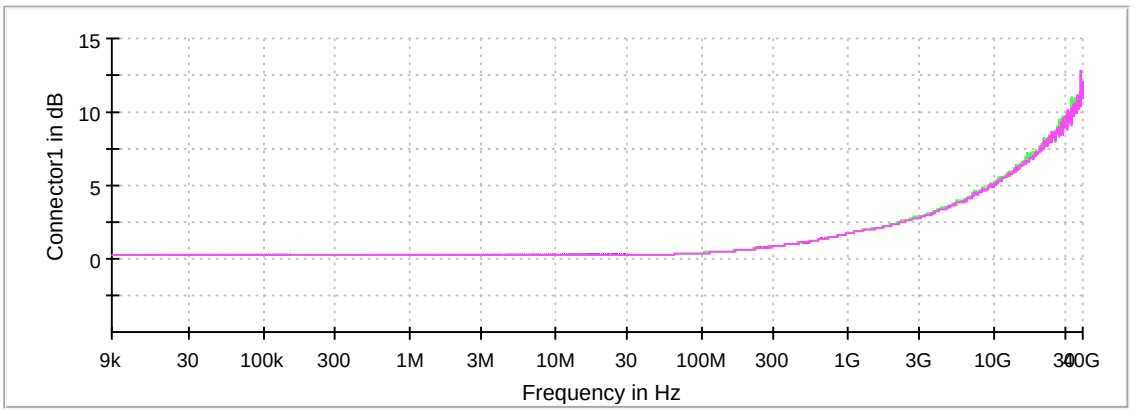
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2

Attenuation



Connector1 Connector2

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	940	~ 940
Sweeptime	6.322 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (5500 MHz; 50 MHz)

Customized settings.

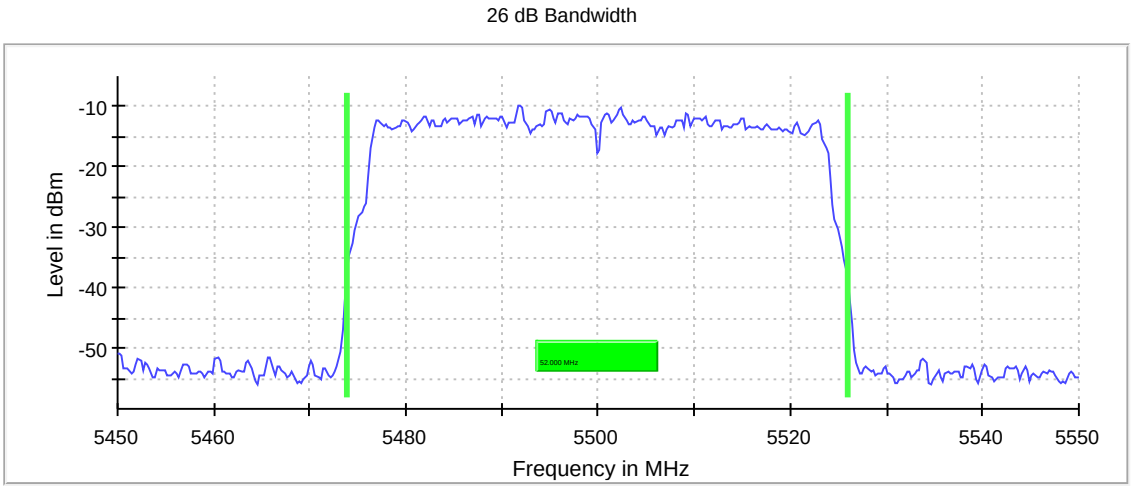
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

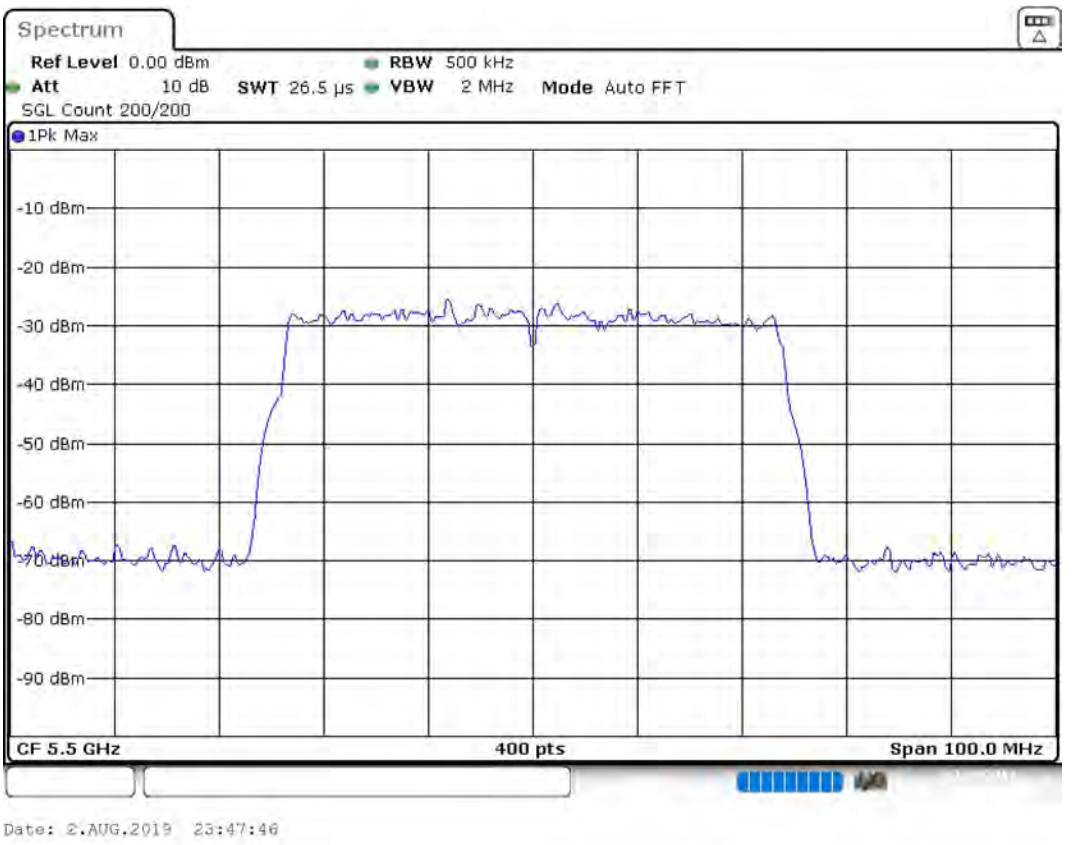
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5500.000000	52.000000	---	---	5473.875000	5525.875000

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5500.000000	-9.7	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.45000 GHz	5.45000 GHz
Stop Frequency	5.55000 GHz	5.55000 GHz
Span	100.000 MHz	100.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	400	~ 400
Sweeptime	26.469 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

RF output power (5500 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5500.000000	28.4	---	28.4	99.708	PASS

Power Spectral Density (5500 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5500.000000	5490.594059	-11.606	-6.1	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.47500 GHz	5.47500 GHz
Stop Frequency	5.52500 GHz	5.52500 GHz
Span	50.000 MHz	50.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 100
Sweeptime	2.020 ms	2.020 ms
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Occupied Channel Bandwidth 99% (5500 MHz; 50 MHz)

Customized settings.

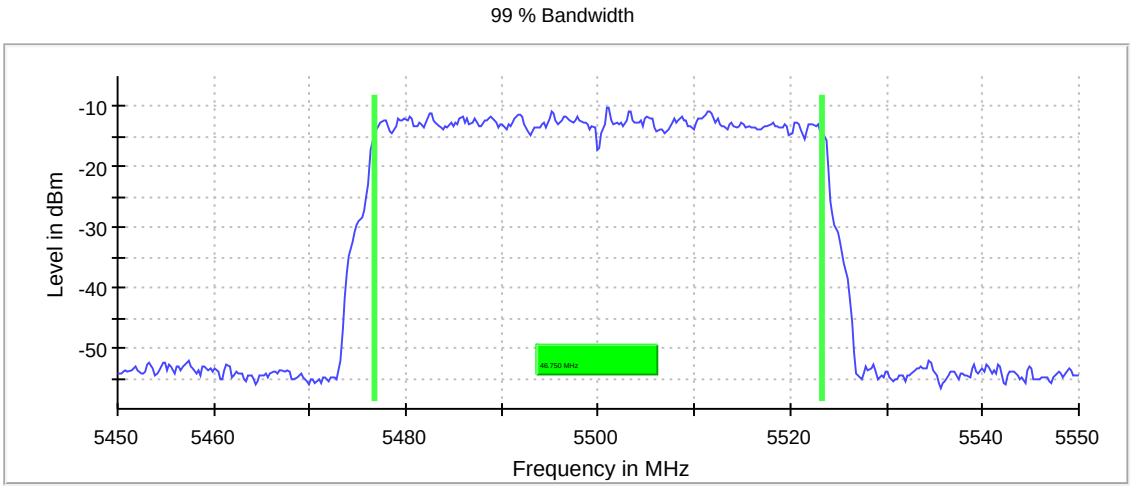
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

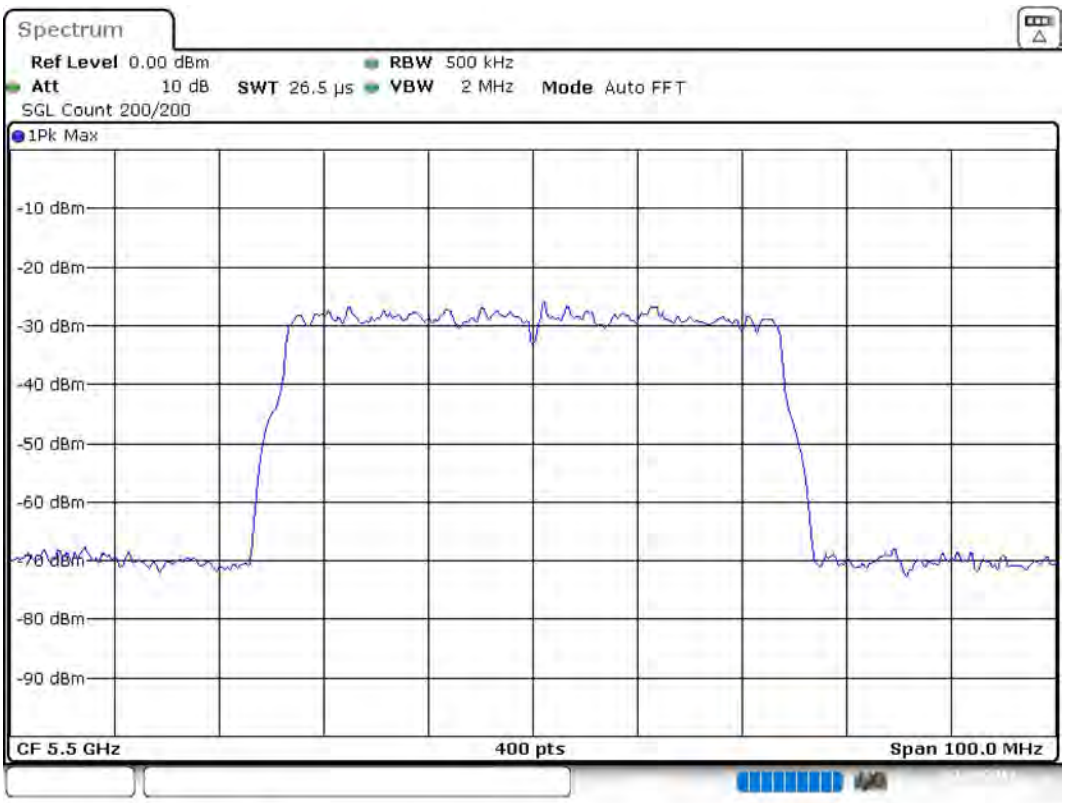
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5500.000000	46.750000	---	---	5476.625000	5523.375000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
5500.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.45000 GHz	5.45000 GHz
Stop Frequency	5.55000 GHz	5.55000 GHz
Span	100.000 MHz	100.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	400	~ 400
Sweeptime	26.469 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Tx Spurious Emission (5500 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.4&5 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
5500.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

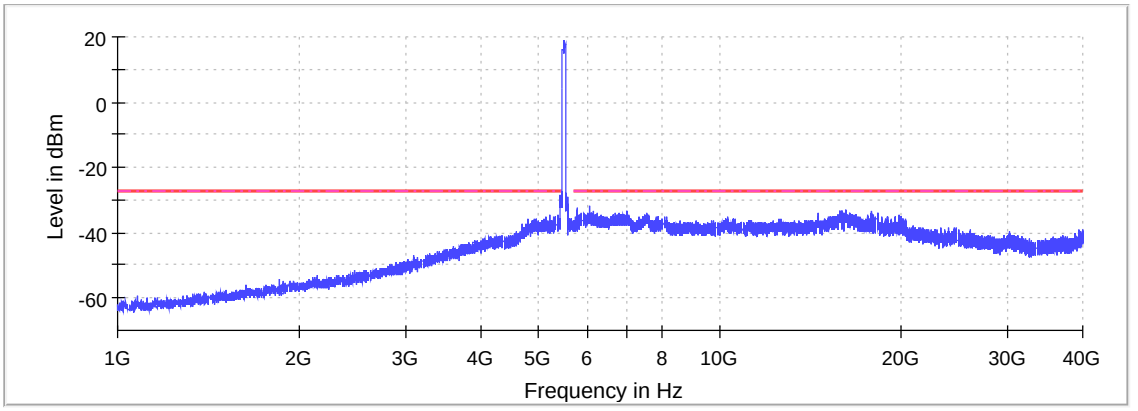
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5466.750000	-27.7	0.7	-27.0
5466.250000	-27.9	0.9	-27.0
5445.750000	-27.9	0.9	-27.0
5440.250000	-28.3	1.3	-27.0
5465.750000	-28.3	1.3	-27.0
5469.750000	-28.5	1.5	-27.0
5446.250000	-28.6	1.6	-27.0
5434.750000	-28.6	1.6	-27.0
5439.750000	-28.7	1.7	-27.0
5465.250000	-28.7	1.7	-27.0
5463.750000	-28.7	1.7	-27.0
5464.250000	-28.7	1.7	-27.0
5457.750000	-28.8	1.8	-27.0
5440.750000	-28.8	1.8	-27.0
5467.750000	-28.8	1.8	-27.0

Measurement Settings

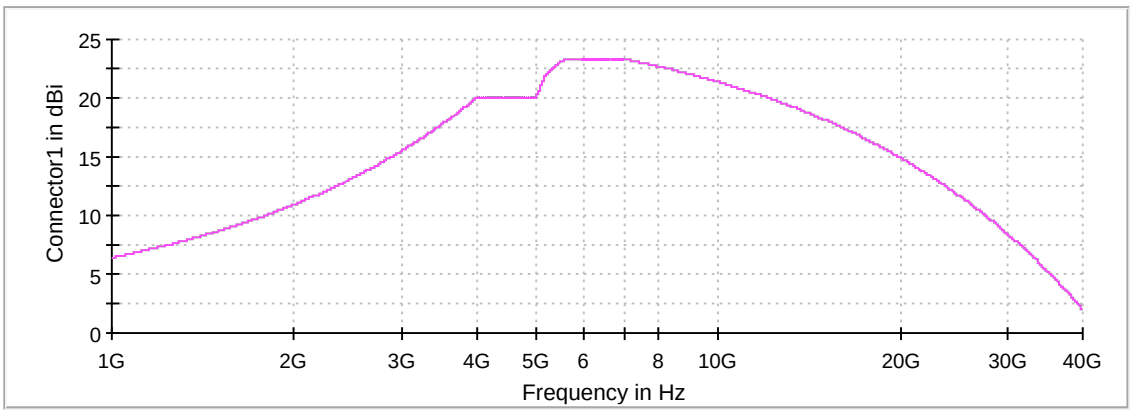
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5150.000000	2	2
5150.000000	5250.000000	2	2
5250.000000	5350.000000	2	2
5350.000000	5470.000000	2	2
5470.000000	5725.000000	2	2
5725.000000	5850.000000	2	2
5850.000000	7000.000000	2	2
7000.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



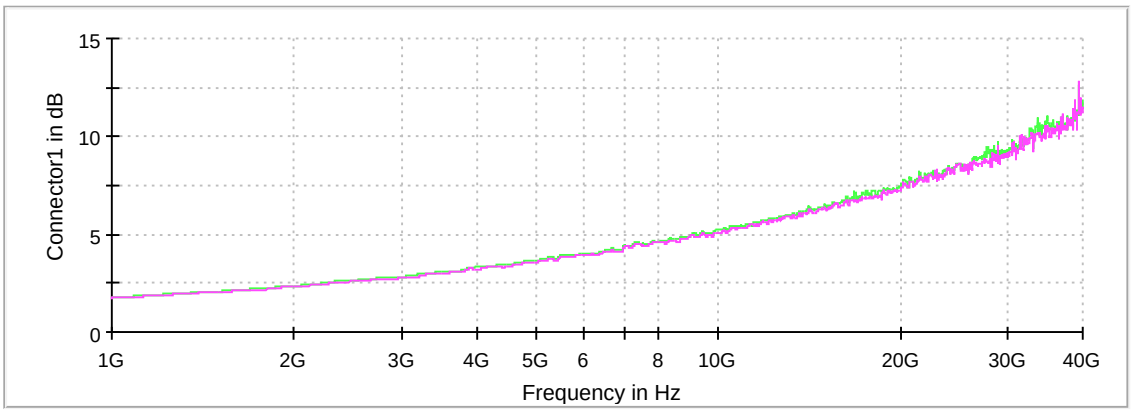
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2

Attenuation



Connector1 Connector2

Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	8300	~ 8300
Sweeptime	8.300 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	10.000 dB	10.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Average) (5500 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.1 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
5500.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

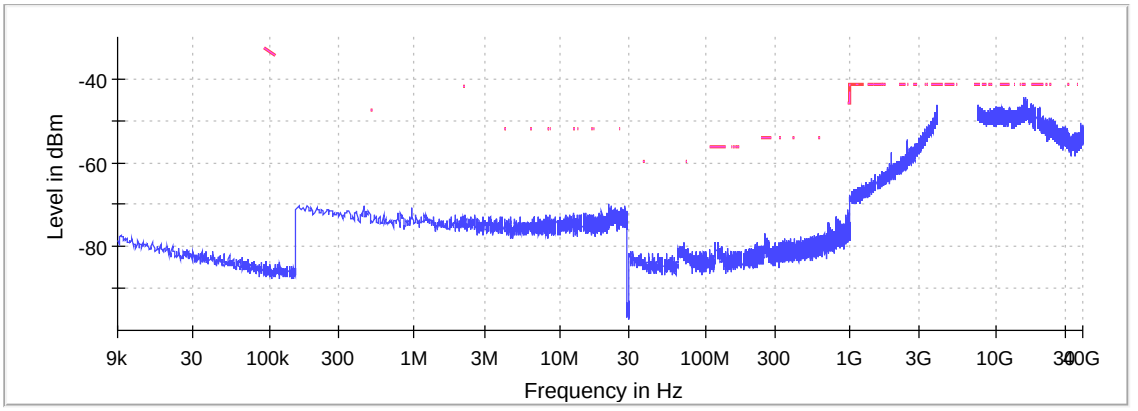
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
15804.750000	-44.5	3.3	-41.2
15886.750000	-44.5	3.3	-41.2
15877.750000	-44.8	3.6	-41.2
15853.250000	-45.1	3.9	-41.2
15844.250000	-45.2	4.0	-41.2
15876.750000	-45.2	4.0	-41.2
15815.250000	-45.2	4.0	-41.2
16141.750000	-45.4	4.2	-41.2
15910.750000	-45.4	4.2	-41.2
16190.750000	-45.4	4.2	-41.2
15904.250000	-45.4	4.2	-41.2
15889.750000	-45.4	4.2	-41.2
16191.750000	-45.4	4.2	-41.2
15866.750000	-45.4	4.2	-41.2
15752.250000	-45.4	4.2	-41.2

Measurement Settings

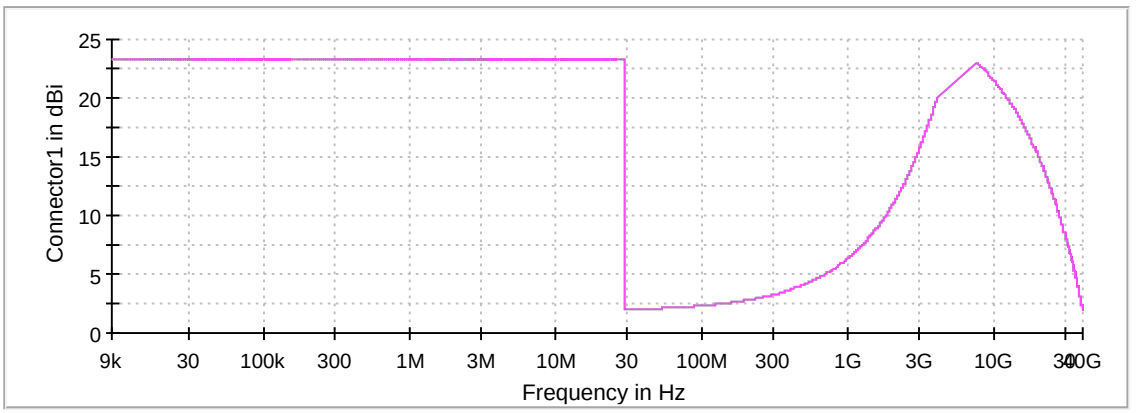
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	1	1
0.090000	0.110000	2	2
0.110000	0.150000	1	1
0.150000	0.490000	1	1
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	4000.000000	1	1
7500.000000	18000.000000	1	1
18000.000000	26000.000000	1	1
26000.000000	40000.000000	1	1

Restricted Band



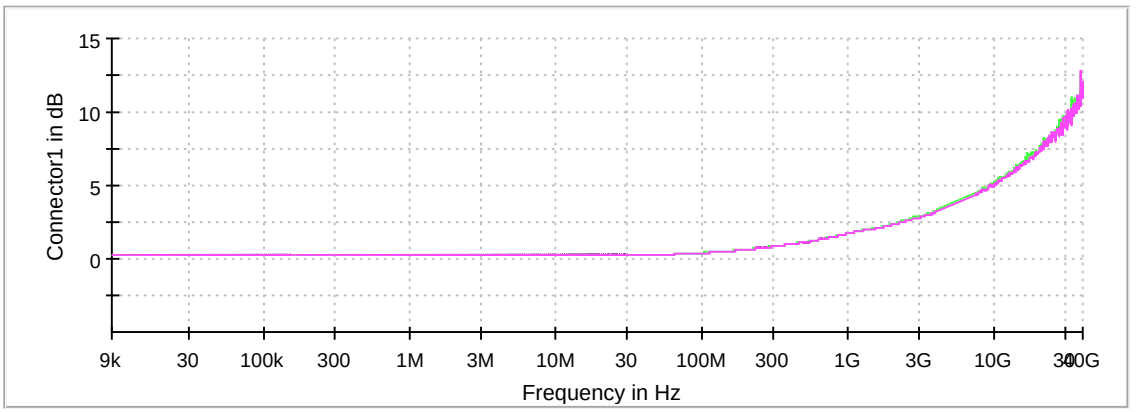
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2

Attenuation



Connector1 Connector2

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	540	~ 540
Sweeptime	6.322 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	133	~ 133
Sweeptime	6.312 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Peak) (5500 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.1 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
5500.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

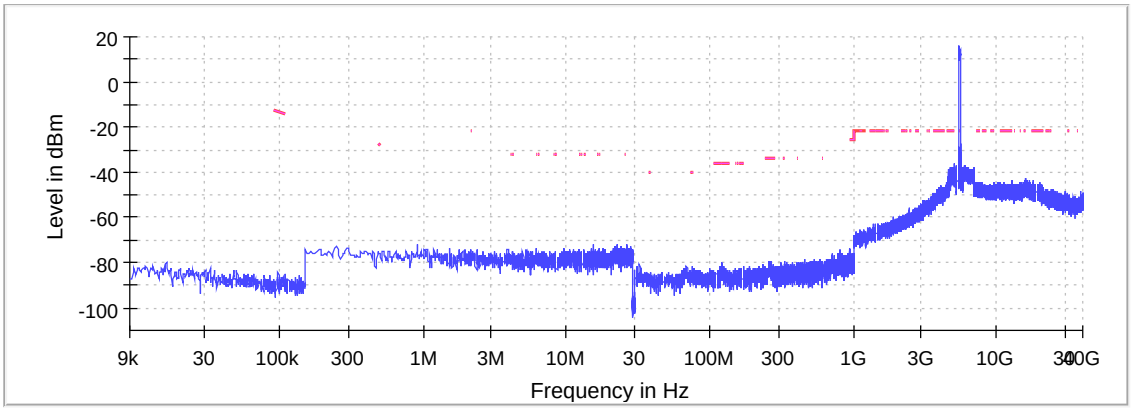
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5454.250000	-29.3	8.1	-21.2
5453.750000	-29.7	8.5	-21.2
5454.750000	-30.2	9.0	-21.2
5433.250000	-30.5	9.3	-21.2
5432.750000	-30.6	9.4	-21.2
5455.250000	-31.0	9.8	-21.2
5440.750000	-31.4	10.2	-21.2
5441.250000	-31.5	10.3	-21.2
5432.250000	-31.5	10.3	-21.2
5448.250000	-31.7	10.5	-21.2
5450.250000	-31.7	10.5	-21.2
5450.750000	-31.8	10.6	-21.2
5453.250000	-31.9	10.7	-21.2
5438.250000	-31.9	10.7	-21.2
5433.750000	-32.0	10.8	-21.2

Measurement Settings

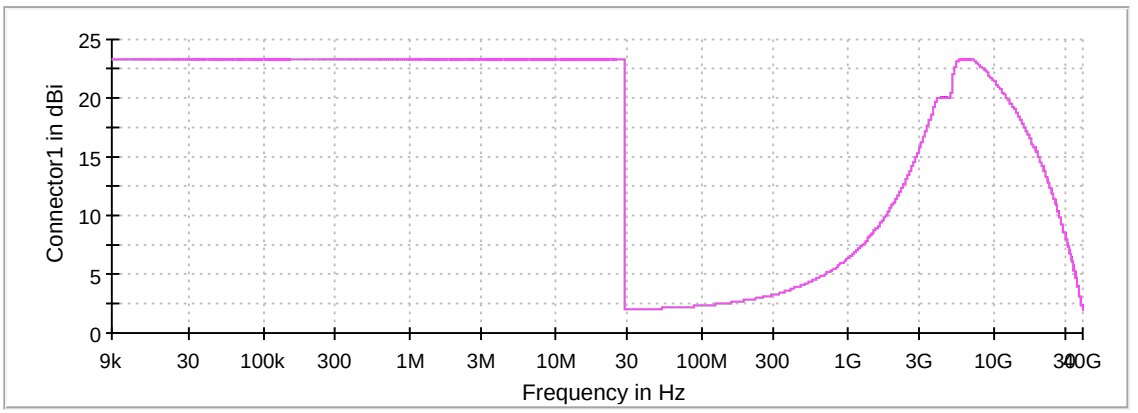
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.150000	1	1
0.150000	30.000000	1	1
30.000000	1000.000000	1	1
1000.000000	5150.000000	1	2
5150.000000	5350.000000	1	2
5350.000000	5470.000000	1	2
5470.000000	5850.000000	1	2
5850.000000	18000.000000	1	2
18000.000000	26000.000000	1	2
26000.000000	40000.000000	1	2

Restricted Band



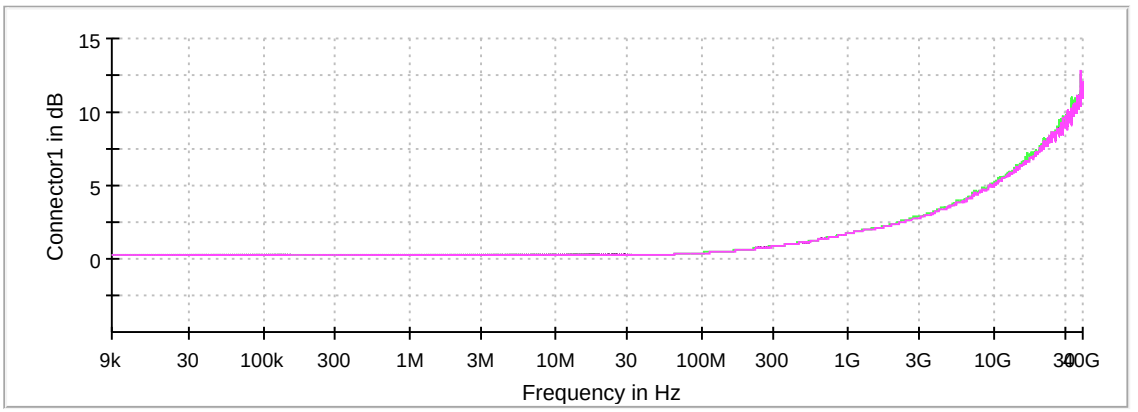
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2

Attenuation



Connector1 Connector2

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	940	~ 940
Sweeptime	6.322 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (5600 MHz; 50 MHz)

Customized settings.

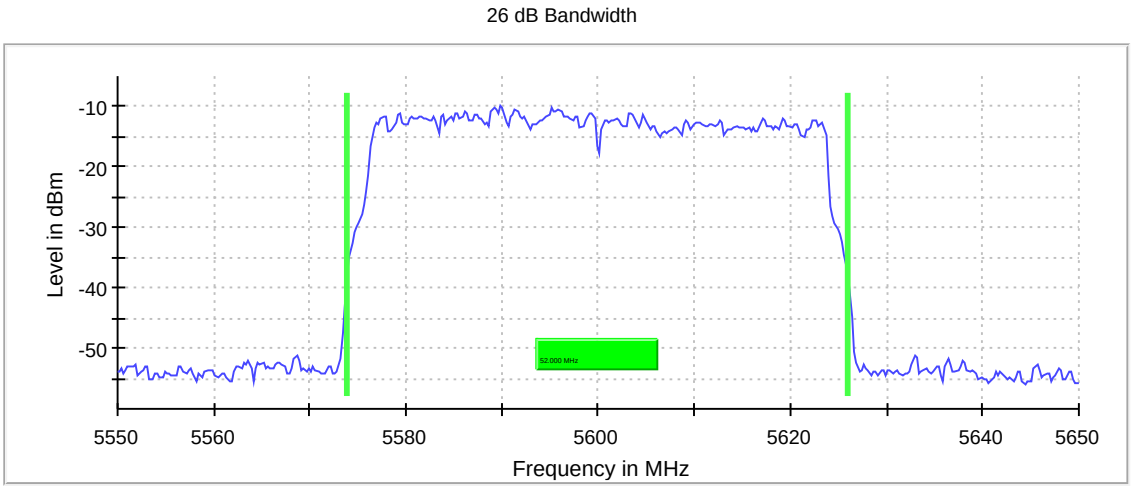
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

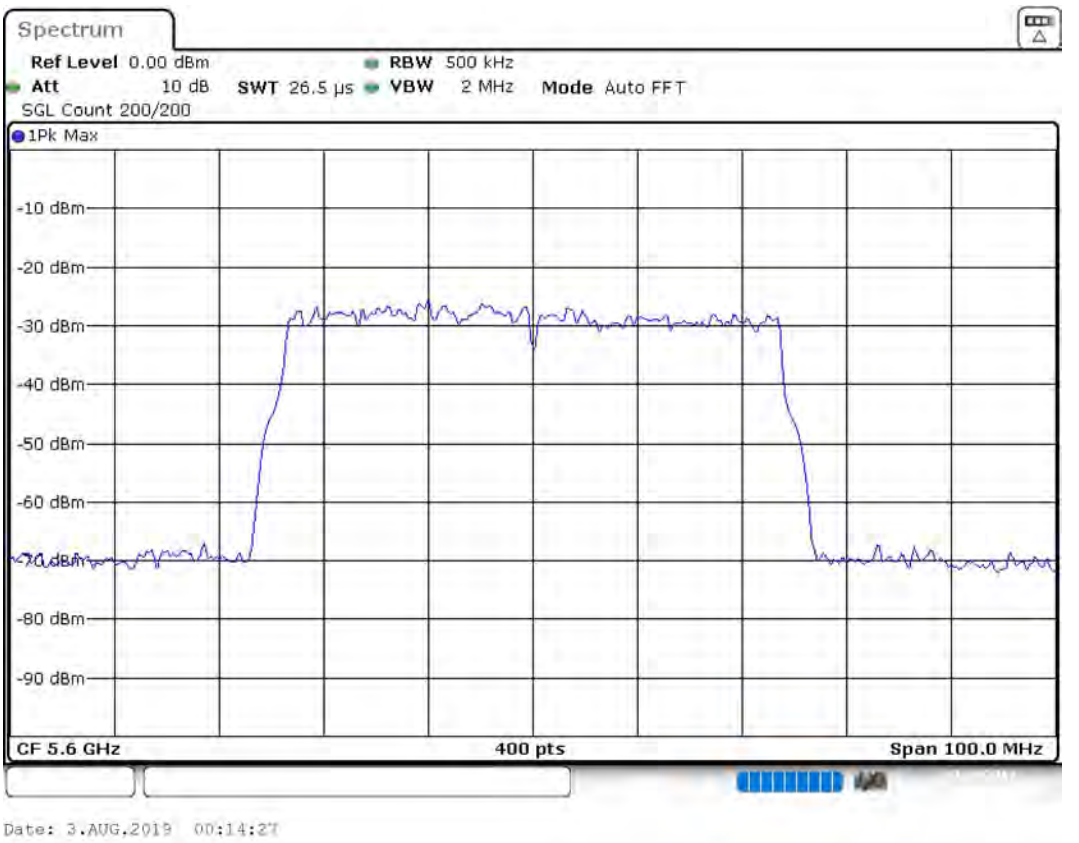
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	52.000000	---	---	5573.875000	5625.875000

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5600.000000	-9.9	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.55000 GHz	5.55000 GHz
Stop Frequency	5.65000 GHz	5.65000 GHz
Span	100.000 MHz	100.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	400	~ 400
Sweeptime	26.469 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

RF output power (5600 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5600.000000	29.1	---	29.1	99.710	PASS

Power Spectral Density (5600 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5600.000000	5589.108911	-9.911	-6.3	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.57500 GHz	5.57500 GHz
Stop Frequency	5.62500 GHz	5.62500 GHz
Span	50.000 MHz	50.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 100
Sweeptime	2.020 ms	2.020 ms
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Occupied Channel Bandwidth 99% (5600 MHz; 50 MHz)

Customized settings.

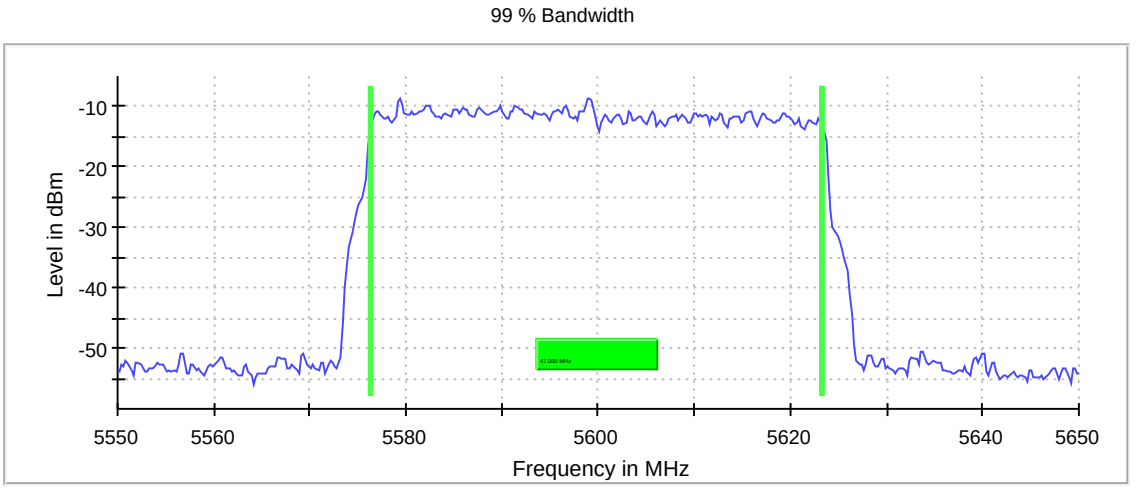
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

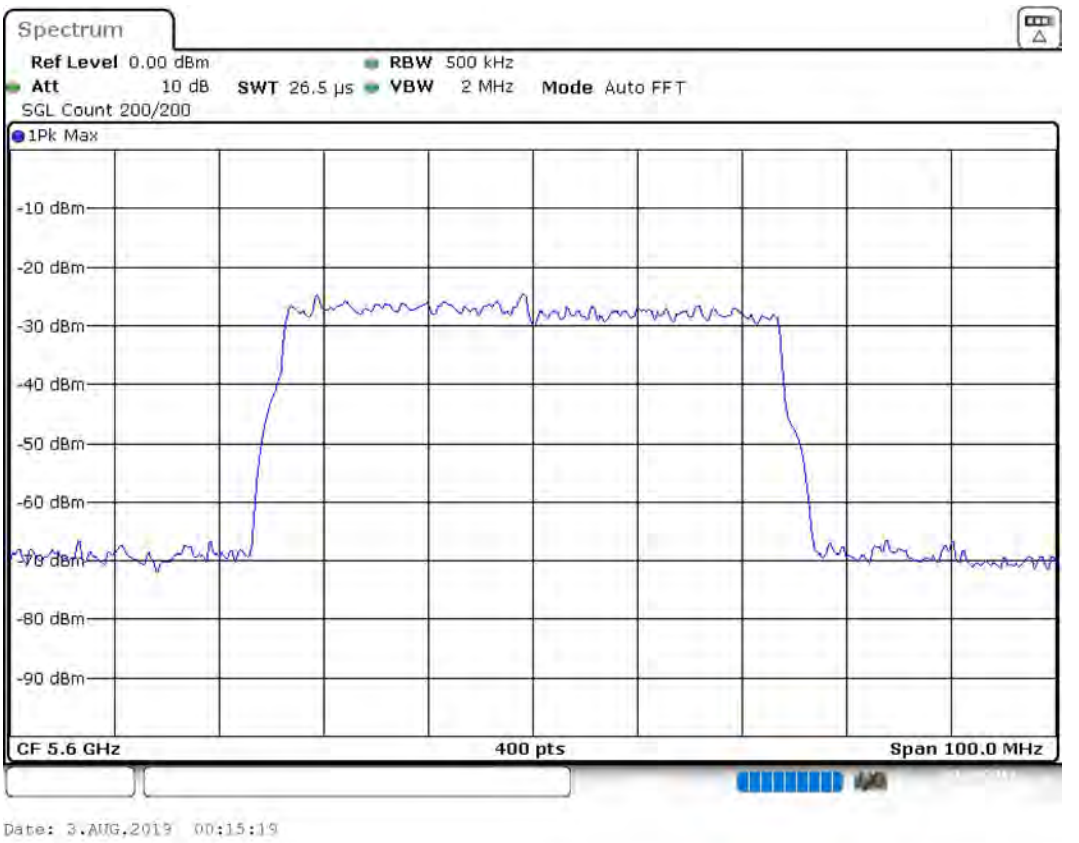
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	47.000000	---	---	5576.375000	5623.375000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
5600.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.55000 GHz	5.55000 GHz
Stop Frequency	5.65000 GHz	5.65000 GHz
Span	100.000 MHz	100.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	400	~ 400
Sweeptime	26.469 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Average) (5600 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.1 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
5600.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

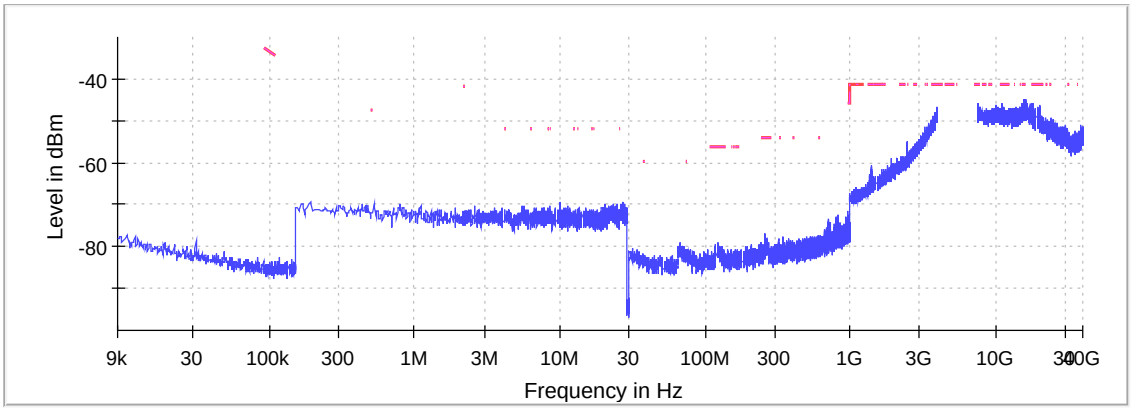
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
15833.750000	-44.7	3.5	-41.2
15829.750000	-44.7	3.5	-41.2
15811.750000	-44.8	3.6	-41.2
16149.250000	-44.9	3.7	-41.2
15855.250000	-45.1	3.9	-41.2
15832.250000	-45.1	3.9	-41.2
15896.750000	-45.2	4.0	-41.2
15794.250000	-45.2	4.0	-41.2
15890.750000	-45.2	4.0	-41.2
15921.750000	-45.2	4.0	-41.2
15893.250000	-45.3	4.1	-41.2
15792.250000	-45.3	4.1	-41.2
15876.750000	-45.4	4.2	-41.2
16173.250000	-45.4	4.2	-41.2
15918.250000	-45.4	4.2	-41.2

Measurement Settings

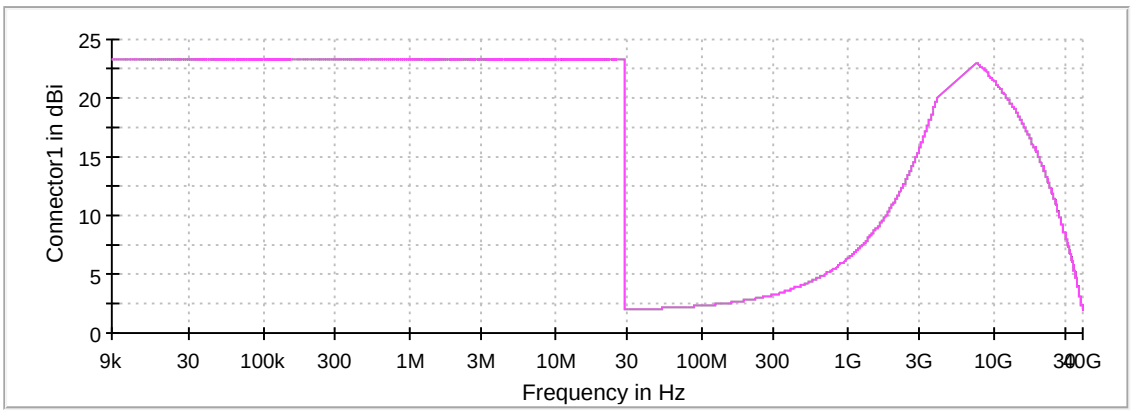
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	1	1
0.090000	0.110000	2	2
0.110000	0.150000	1	1
0.150000	0.490000	1	1
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	4000.000000	1	1
7500.000000	18000.000000	1	1
18000.000000	26000.000000	1	1
26000.000000	40000.000000	1	1

Restricted Band



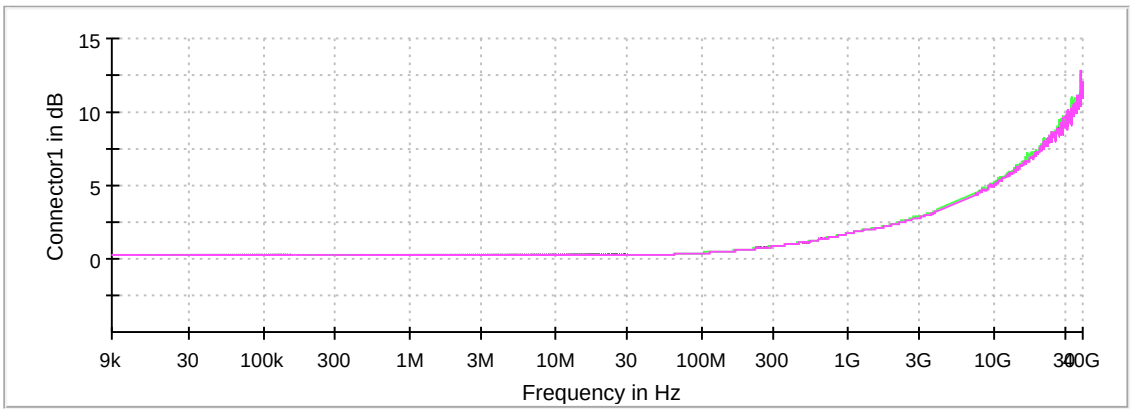
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2

Attenuation



Connector1 Connector2

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	540	~ 540
Sweeptime	6.322 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	133	~ 133
Sweeptime	6.312 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Peak) (5600 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.1 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
5600.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

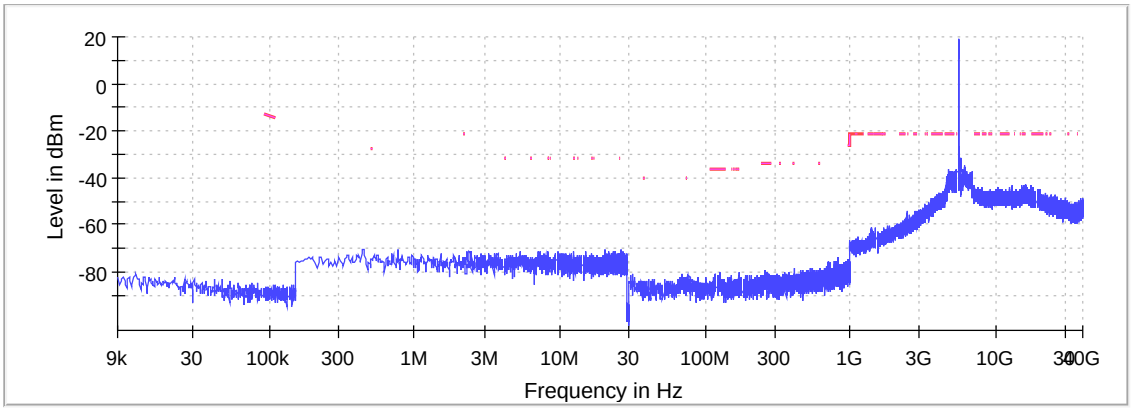
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4800.250000	-36.3	15.1	-21.2
5135.750000	-36.7	15.5	-21.2
5447.750000	-37.0	15.8	-21.2
5083.250000	-37.0	15.8	-21.2
5459.250000	-37.0	15.8	-21.2
5133.750000	-37.1	15.9	-21.2
4903.750000	-37.1	15.9	-21.2
5051.250000	-37.2	16.0	-21.2
4836.750000	-37.2	16.0	-21.2
4836.250000	-37.3	16.1	-21.2
5448.250000	-37.4	16.2	-21.2
5447.250000	-37.5	16.3	-21.2
5389.250000	-37.6	16.4	-21.2
4965.750000	-37.6	16.4	-21.2
5127.750000	-37.6	16.4	-21.2

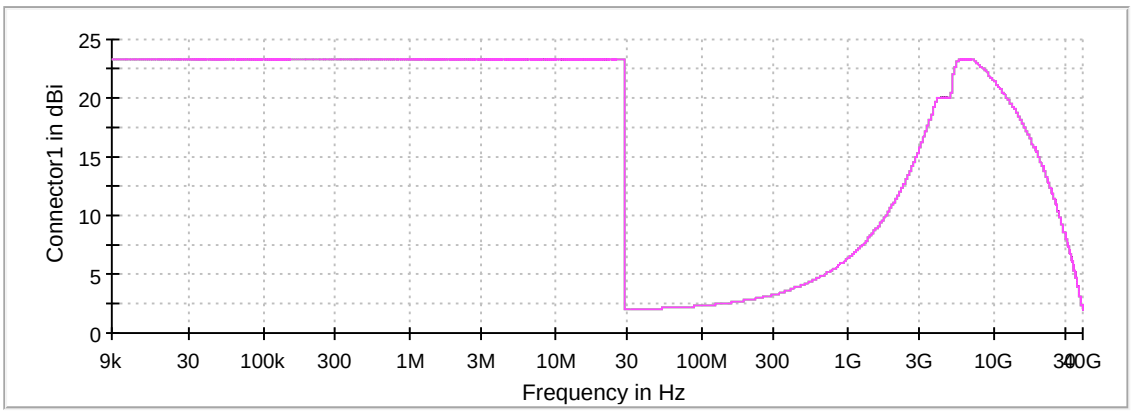
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.150000	1	1
0.150000	30.000000	1	1
30.000000	1000.000000	1	1
1000.000000	5150.000000	1	2
5150.000000	5350.000000	1	2
5350.000000	5470.000000	1	2
5470.000000	5850.000000	1	2
5850.000000	18000.000000	1	2
18000.000000	26000.000000	1	2
26000.000000	40000.000000	1	2

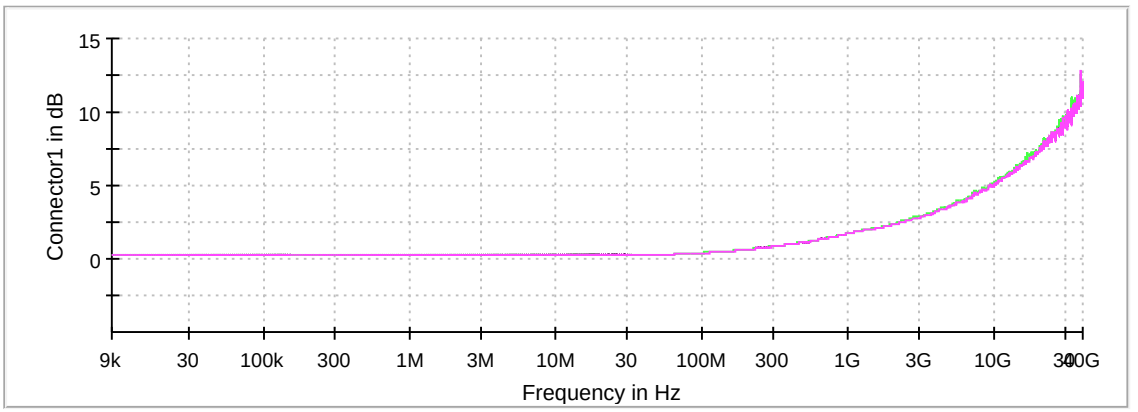
Restricted Band



Gain



Attenuation



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	940	~ 940
Sweeptime	6.322 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (5690 MHz; 50 MHz)

Customized settings.

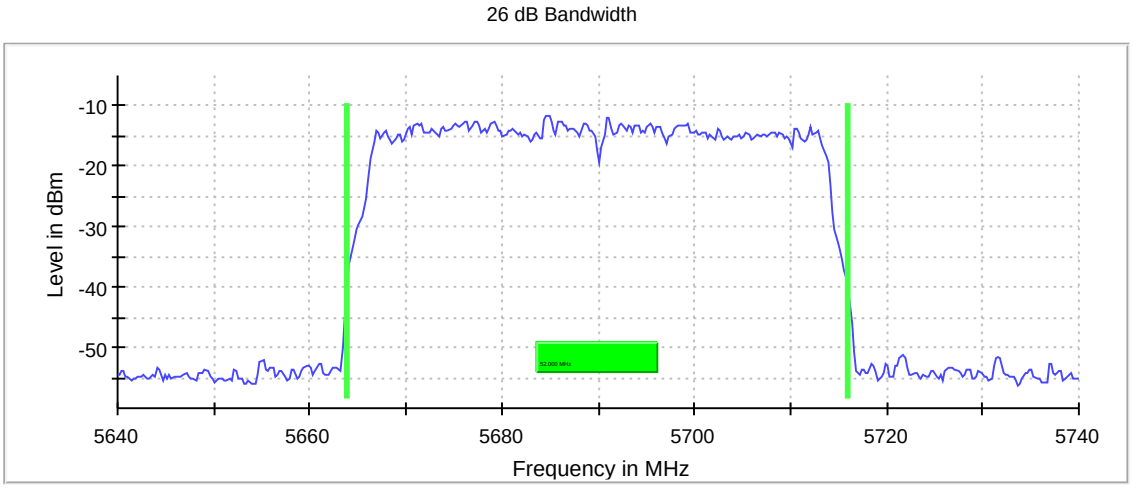
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5690.000000	52.000000	52.000000	0.000000	---	---

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5690.000000	5663.875000	5715.875000	-11.6	PASS



Bandwidth

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.64000 GHz	5.64000 GHz
Stop Frequency	5.74000 GHz	5.74000 GHz
Span	100.000 MHz	100.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	400	~ 400
Sweeptime	26.469 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

RF output power (5690 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5690.000000	27.6	---	27.6	99.714	PASS

Power Spectral Density (5690 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5690.000000	5684.059406	-12.639	-6.3	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.66500 GHz	5.66500 GHz
Stop Frequency	5.71500 GHz	5.71500 GHz
Span	50.000 MHz	50.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 100
Sweeptime	2.020 ms	2.020 ms
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Occupied Channel Bandwidth 99% (5690 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

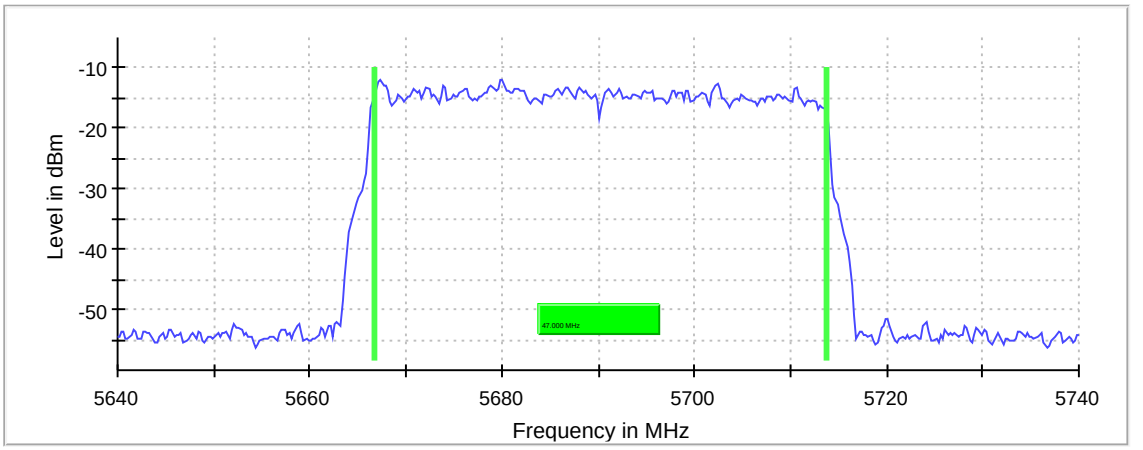
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5690.000000	47.000000	47.000000	0.000000	---	---

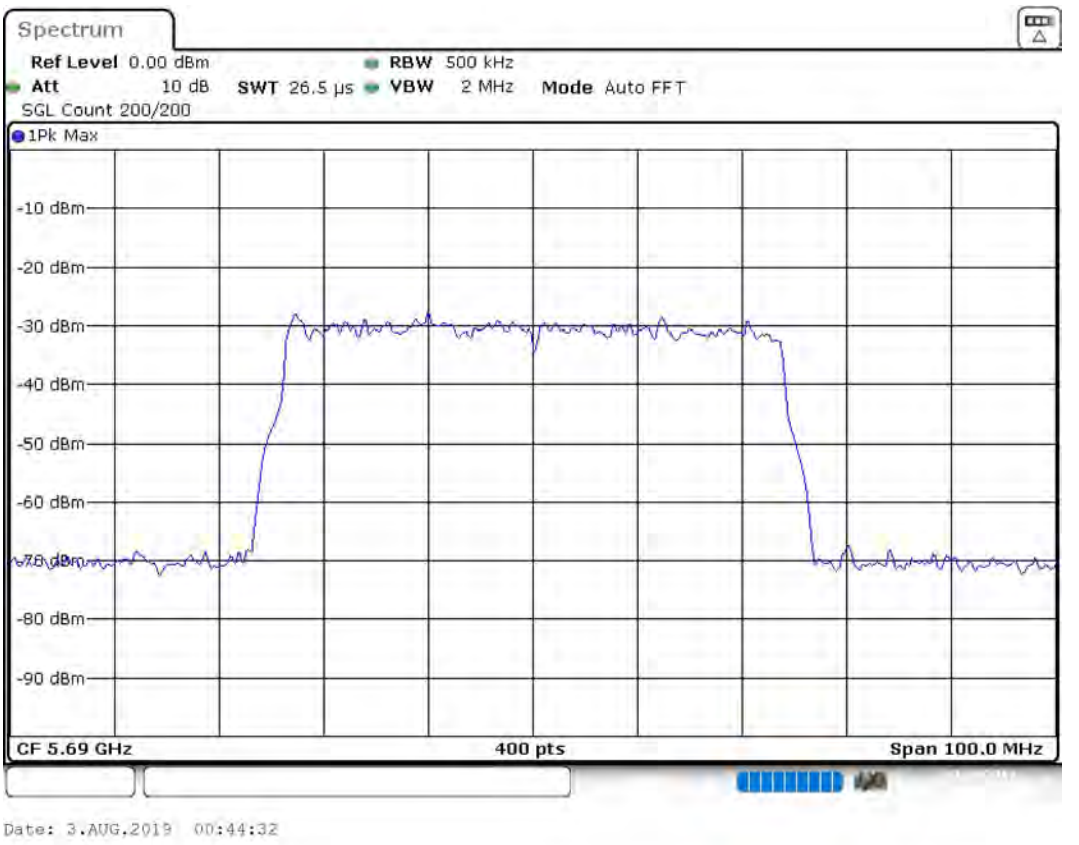
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5690.000000	5666.625000	5713.625000	PASS

99 % Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.64000 GHz	5.64000 GHz
Stop Frequency	5.74000 GHz	5.74000 GHz
Span	100.000 MHz	100.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	400	~ 400
Sweeptime	26.469 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Tx Spurious Emission (5690 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.4&5 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
5690.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

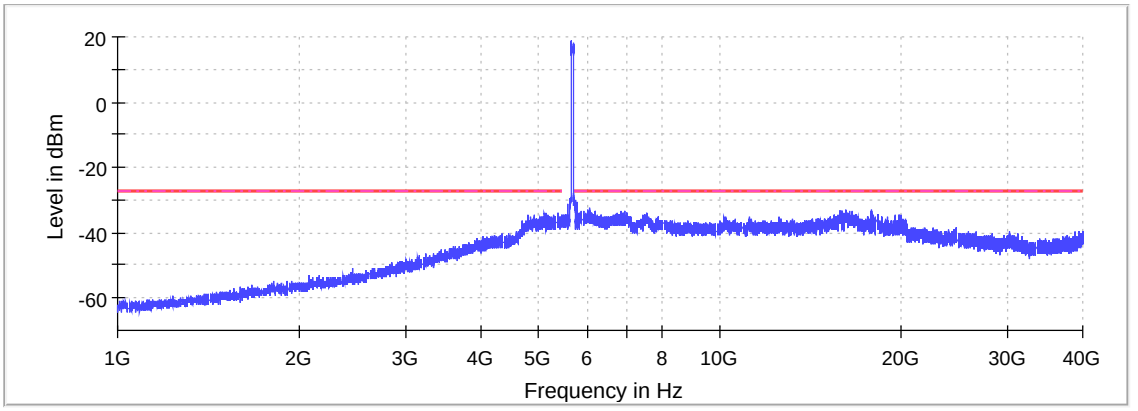
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5728.750000	-27.8	0.8	-27.0
5728.250000	-28.3	1.3	-27.0
5727.750000	-29.0	2.0	-27.0
5727.250000	-29.1	2.1	-27.0
5729.250000	-29.4	2.4	-27.0
5725.250000	-29.6	2.6	-27.0
5735.250000	-29.8	2.8	-27.0
5726.750000	-29.9	2.9	-27.0
5743.750000	-29.9	2.9	-27.0
5735.750000	-30.0	3.0	-27.0
5743.250000	-30.1	3.1	-27.0
5725.750000	-30.2	3.2	-27.0
5768.750000	-30.2	3.2	-27.0
5731.750000	-30.3	3.3	-27.0
5730.250000	-30.3	3.3	-27.0

Measurement Settings

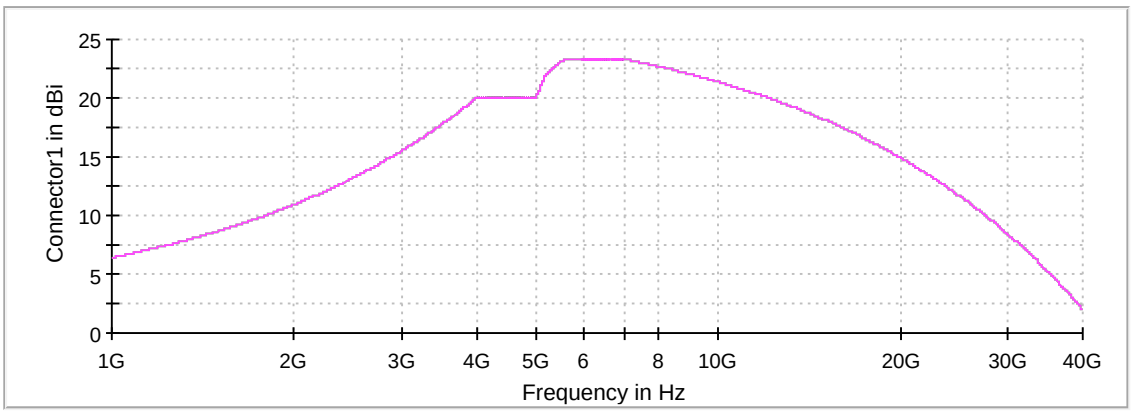
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5150.000000	2	2
5150.000000	5250.000000	2	2
5250.000000	5350.000000	2	2
5350.000000	5470.000000	2	2
5470.000000	5725.000000	2	2
5725.000000	5850.000000	2	2
5850.000000	7000.000000	2	2
7000.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



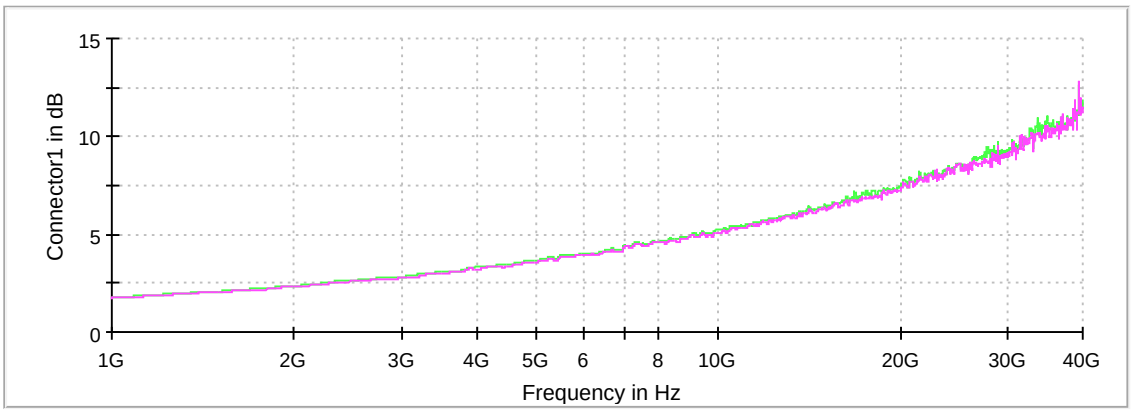
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2

Attenuation



Connector1 Connector2

Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	8300	~ 8300
Sweeptime	8.300 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	10.000 dB	10.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Average) (5690 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.1 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
5690.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

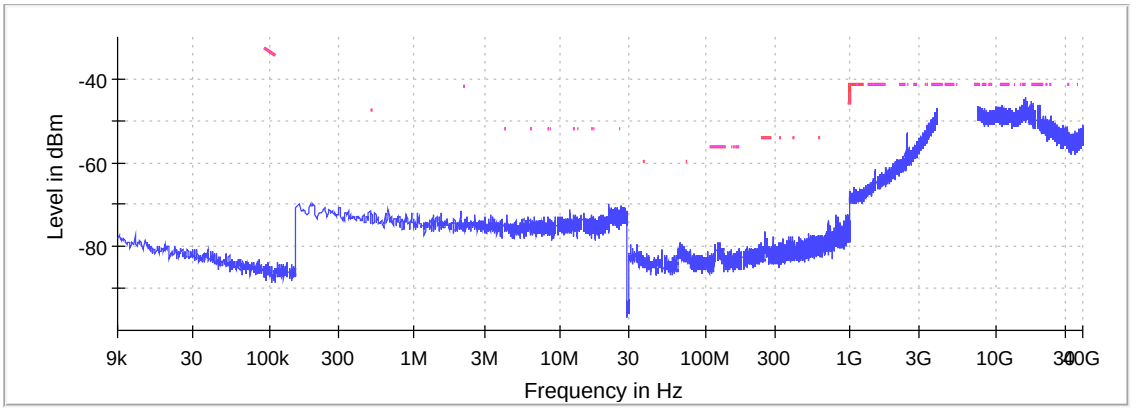
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
15909.750000	-44.4	3.2	-41.2
15851.250000	-44.8	3.6	-41.2
15818.750000	-44.9	3.7	-41.2
15827.750000	-45.1	3.9	-41.2
17901.250000	-45.2	4.0	-41.2
16183.750000	-45.2	4.0	-41.2
15876.750000	-45.2	4.0	-41.2
15801.250000	-45.3	4.1	-41.2
15852.250000	-45.3	4.1	-41.2
16154.250000	-45.4	4.2	-41.2
15895.750000	-45.4	4.2	-41.2
15860.750000	-45.4	4.2	-41.2
16169.250000	-45.4	4.2	-41.2
15812.250000	-45.5	4.3	-41.2
16165.250000	-45.5	4.3	-41.2

Measurement Settings

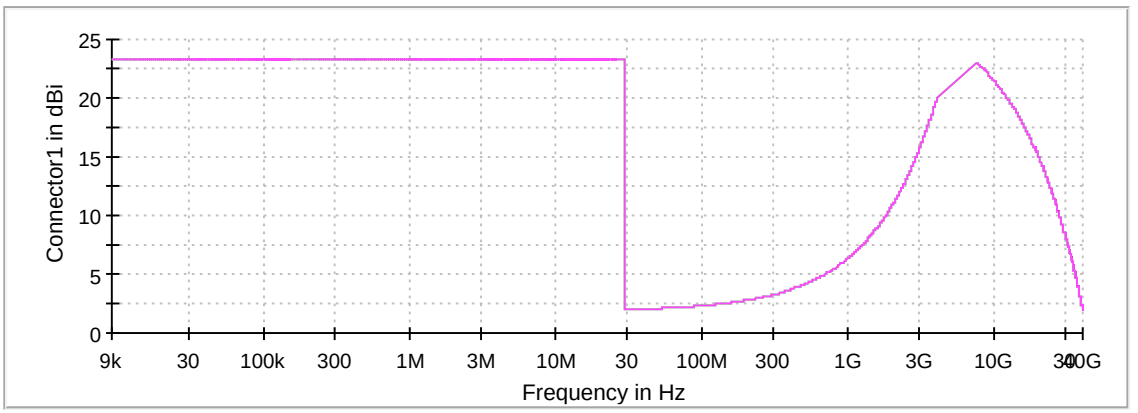
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	1	1
0.090000	0.110000	2	2
0.110000	0.150000	1	1
0.150000	0.490000	1	1
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	4000.000000	1	1
7500.000000	18000.000000	1	1
18000.000000	26000.000000	1	1
26000.000000	40000.000000	1	1

Restricted Band



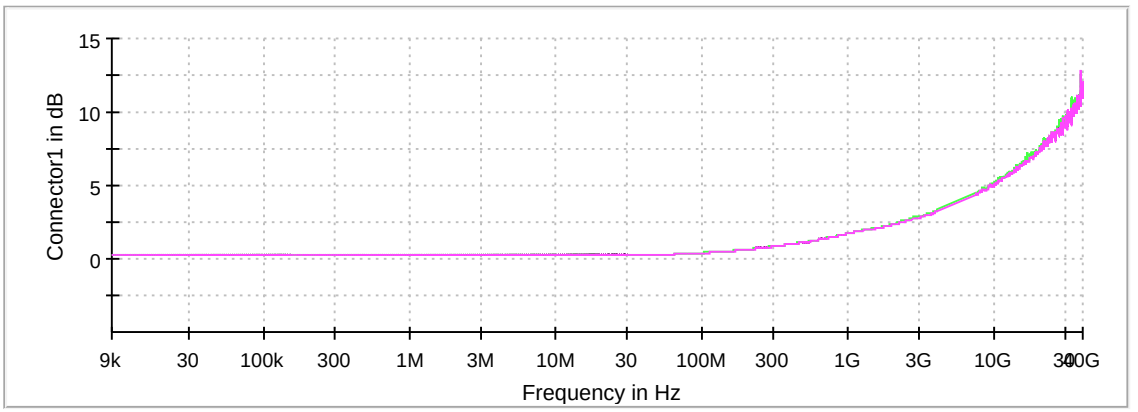
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2

Attenuation



Connector1 Connector2

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	540	~ 540
Sweeptime	6.322 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	133	~ 133
Sweeptime	6.312 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Peak) (5690 MHz; 50 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.1 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Result
5690.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

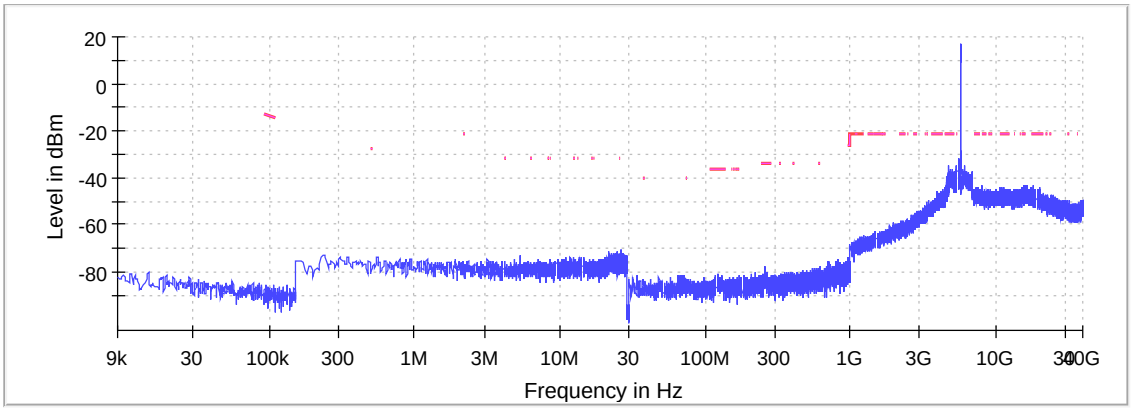
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5376.250000	-34.5	13.3	-21.2
5375.750000	-34.5	13.3	-21.2
4799.750000	-35.1	13.9	-21.2
5120.750000	-36.4	15.2	-21.2
5376.750000	-36.5	15.3	-21.2
4800.250000	-36.5	15.3	-21.2
4931.750000	-36.6	15.4	-21.2
4800.750000	-36.6	15.4	-21.2
5120.250000	-36.9	15.7	-21.2
4907.750000	-37.1	15.9	-21.2
5438.750000	-37.4	16.2	-21.2
5439.250000	-37.5	16.3	-21.2
4772.250000	-37.5	16.3	-21.2
5439.750000	-37.5	16.3	-21.2
5375.250000	-37.6	16.4	-21.2

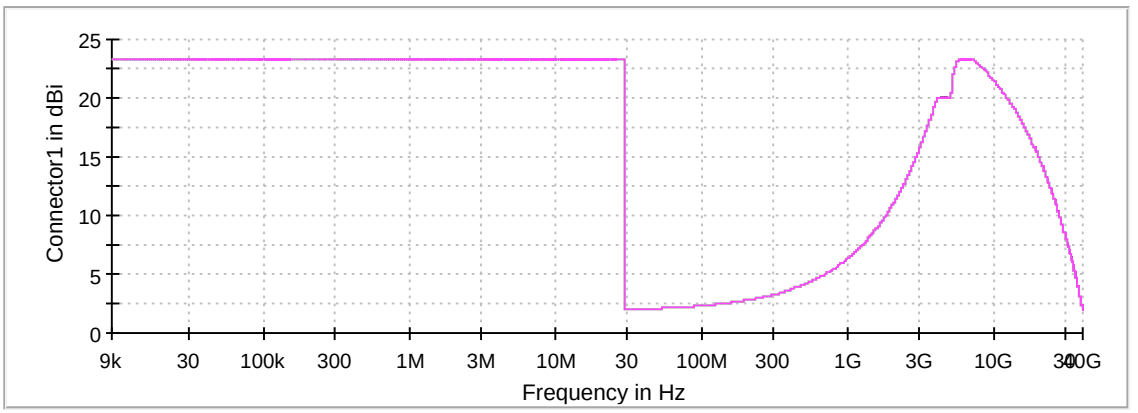
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.150000	1	1
0.150000	30.000000	1	1
30.000000	1000.000000	1	1
1000.000000	5150.000000	1	2
5150.000000	5350.000000	1	2
5350.000000	5470.000000	1	2
5470.000000	5850.000000	1	2
5850.000000	18000.000000	1	2
18000.000000	26000.000000	1	2
26000.000000	40000.000000	1	2

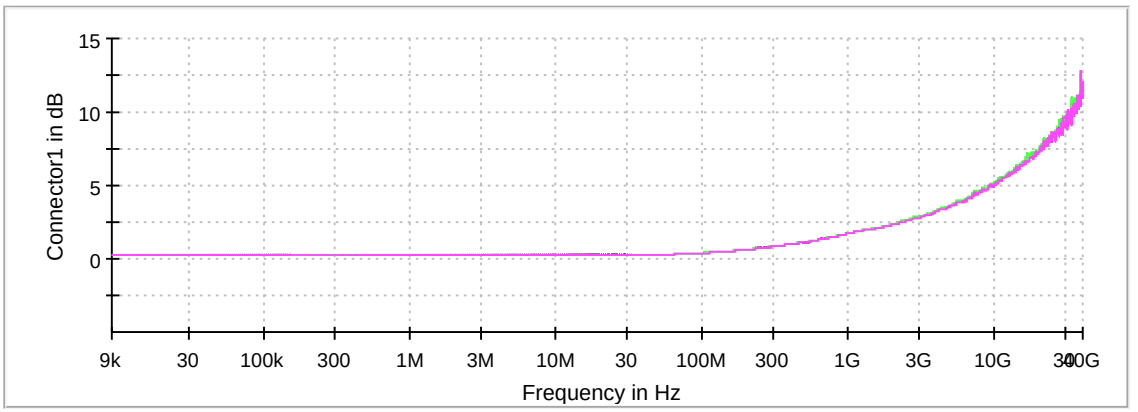
Restricted Band



Gain



Attenuation



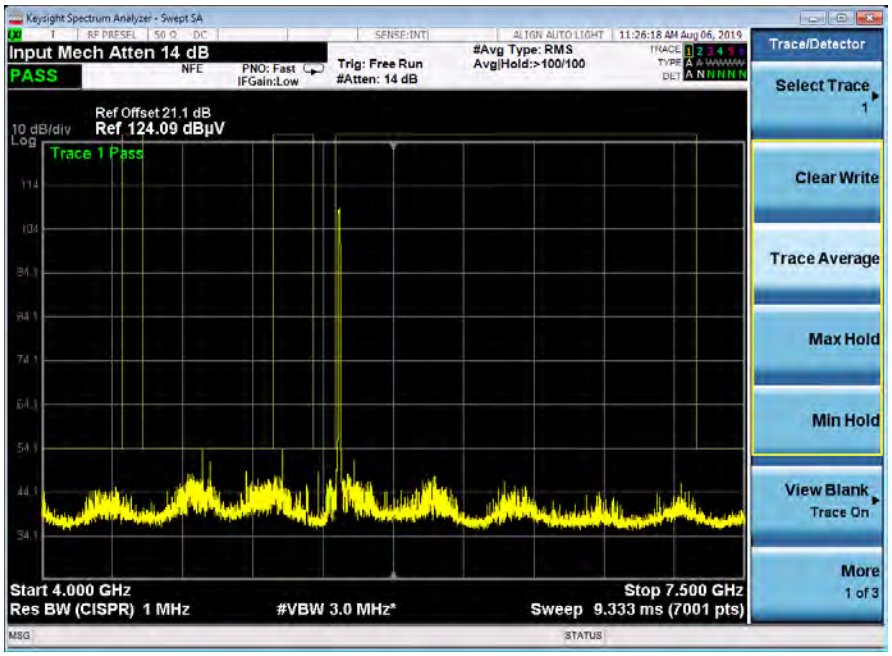
Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	300.000 Hz	<= 300.000 Hz
VBW	1.000 kHz	>= 900.000 Hz
SweepPoints	940	~ 940
Sweeptime	6.322 ms	AUTO
Reference Level	-5.000 dBm	AUTO
Attenuation	5.000 dB	5.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

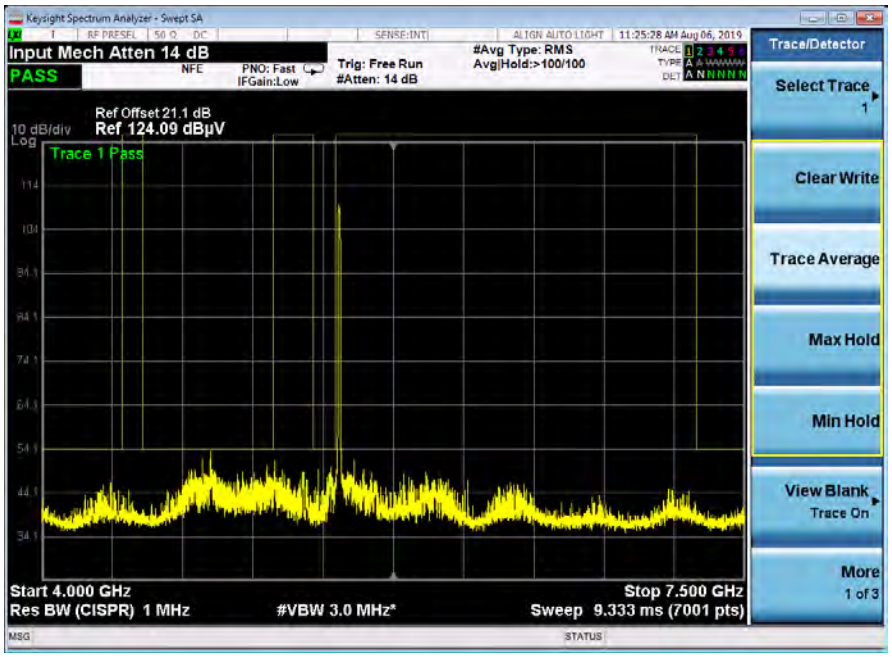
UNII-2C

Conducted Restricted Band Measurements

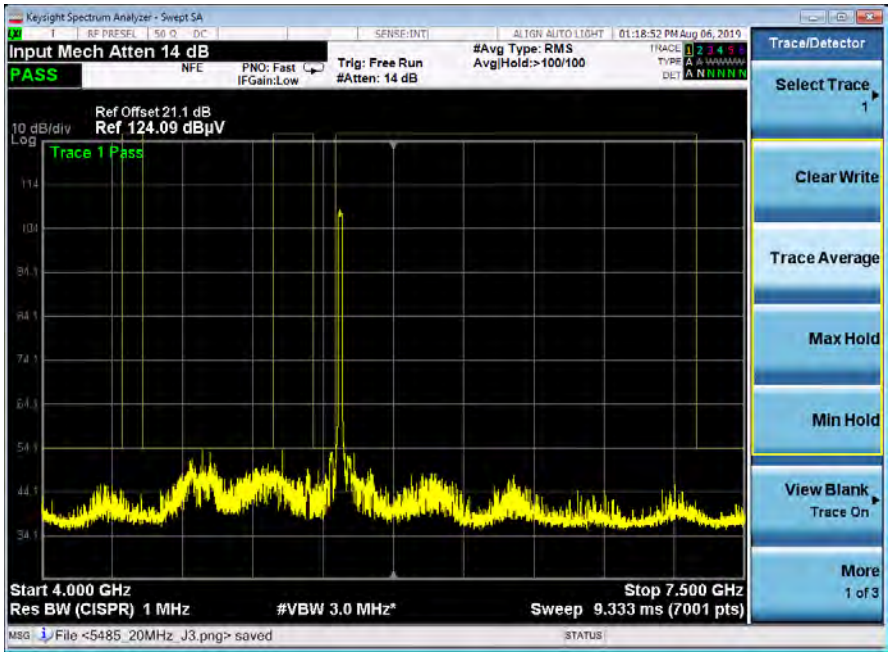
Between 4 and 7.5 GHz



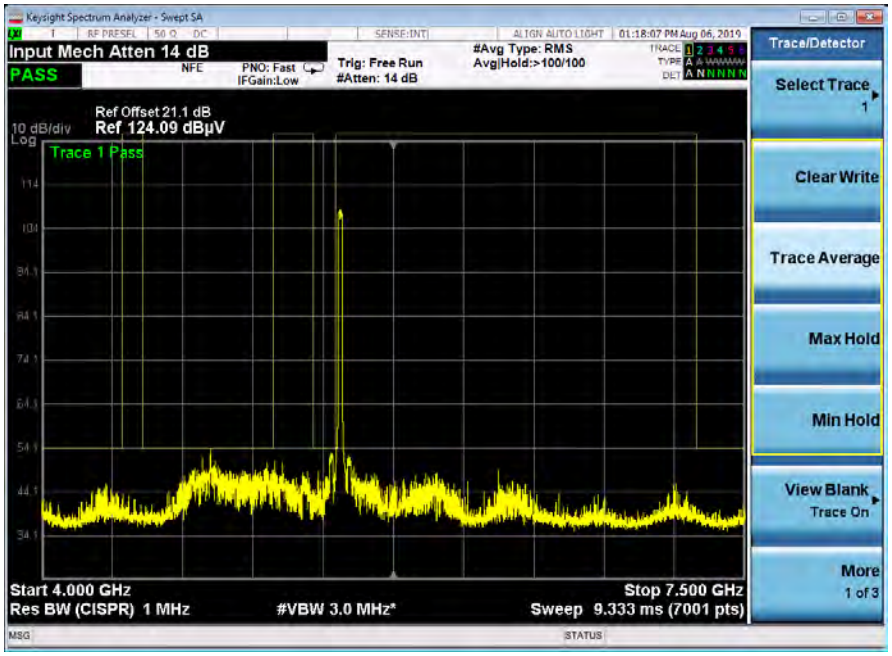
5480 MHz_10 Mhz Channel_J2



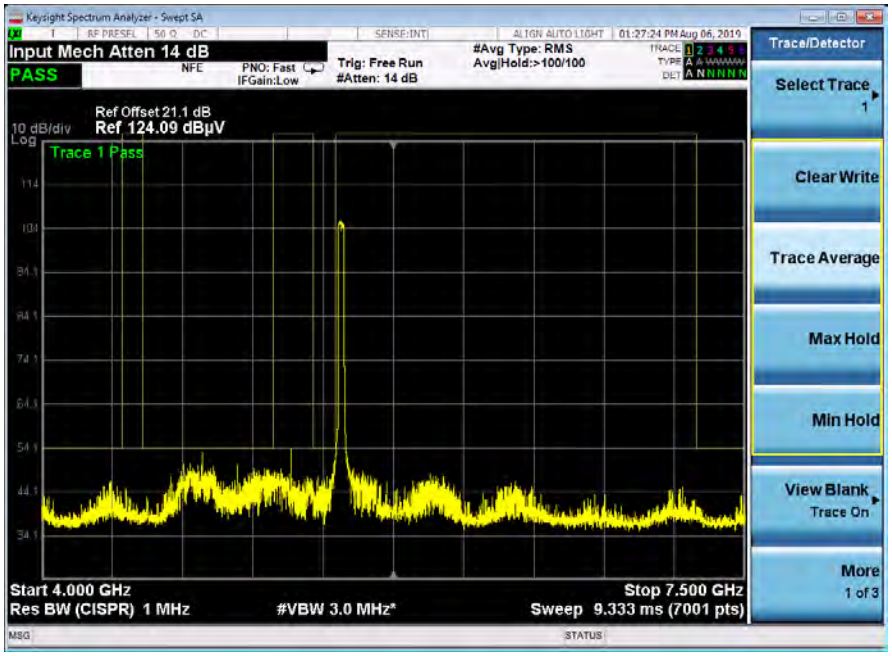
5480 MHz_10 Mhz Channel_J3



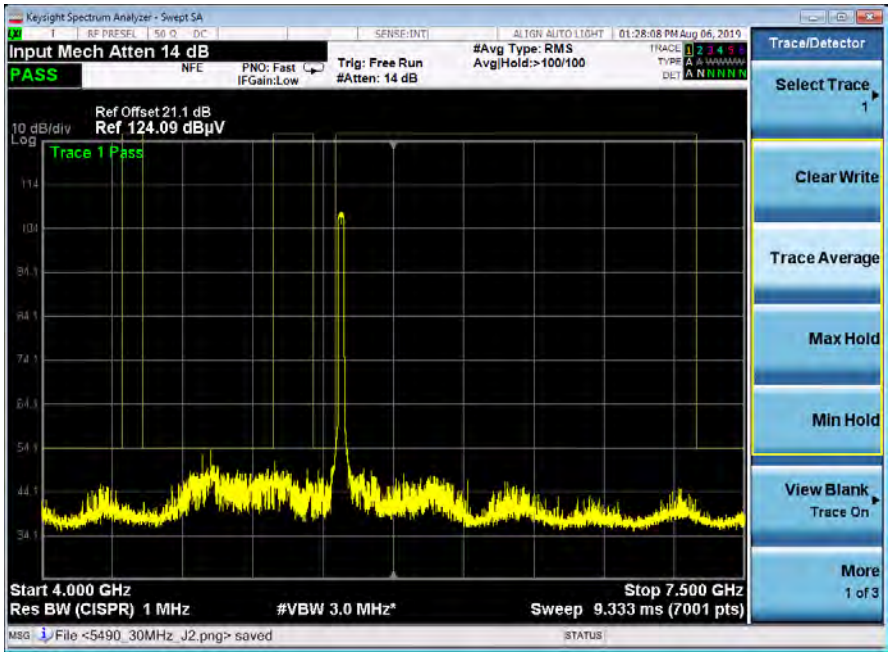
5485 MHz_20 Mhz Channel_J2



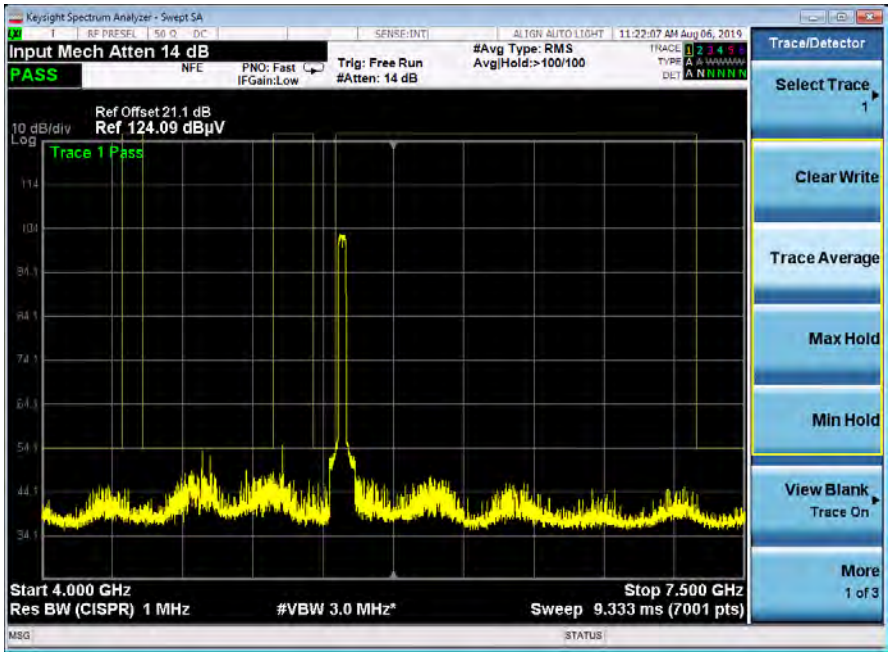
5485 MHz_20 Mhz Channel_J3



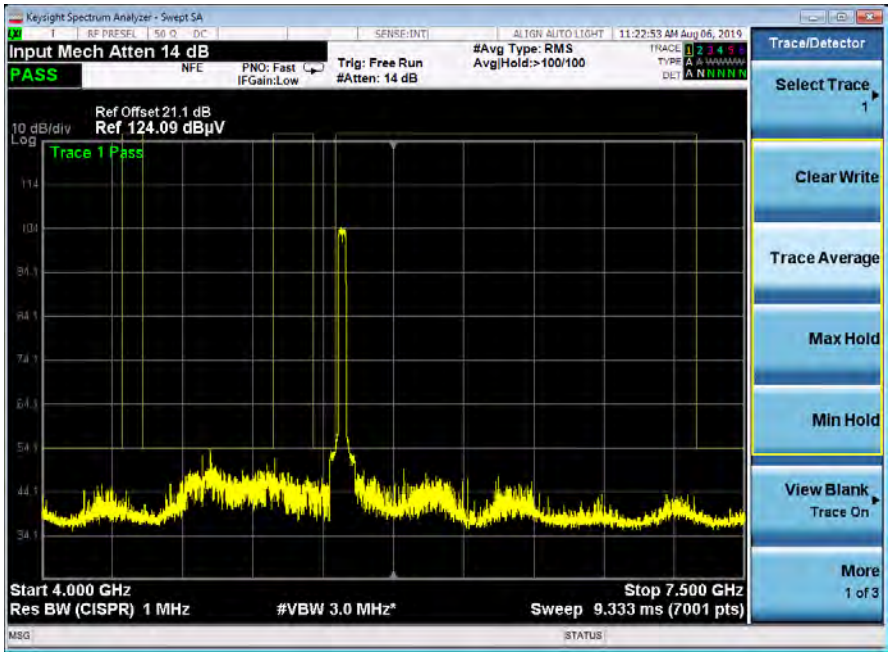
5490 MHz_30 Mhz Channel_J2



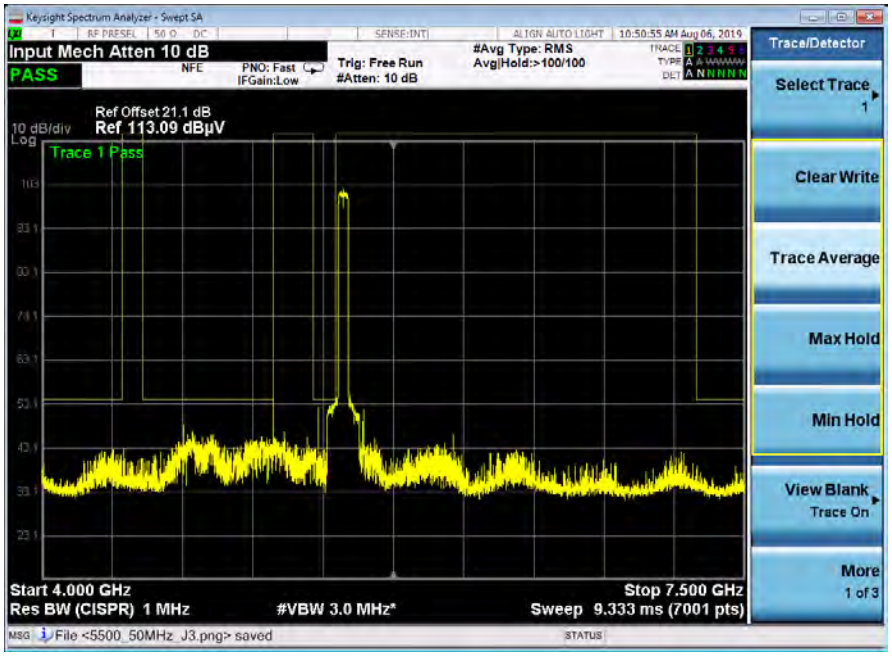
5490 MHz_30 Mhz Channel_J3



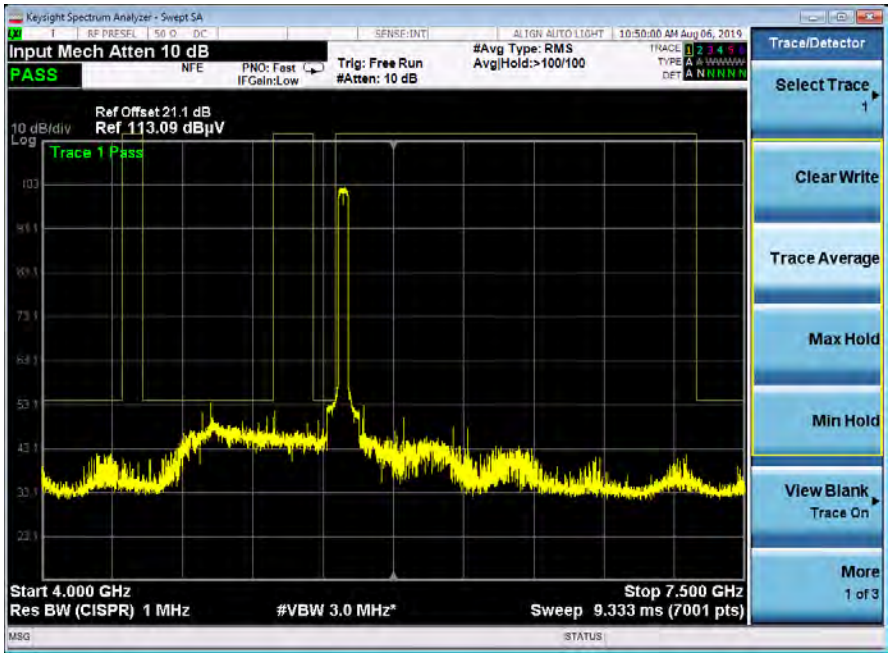
5495 MHz_40 Mhz Channel_J2



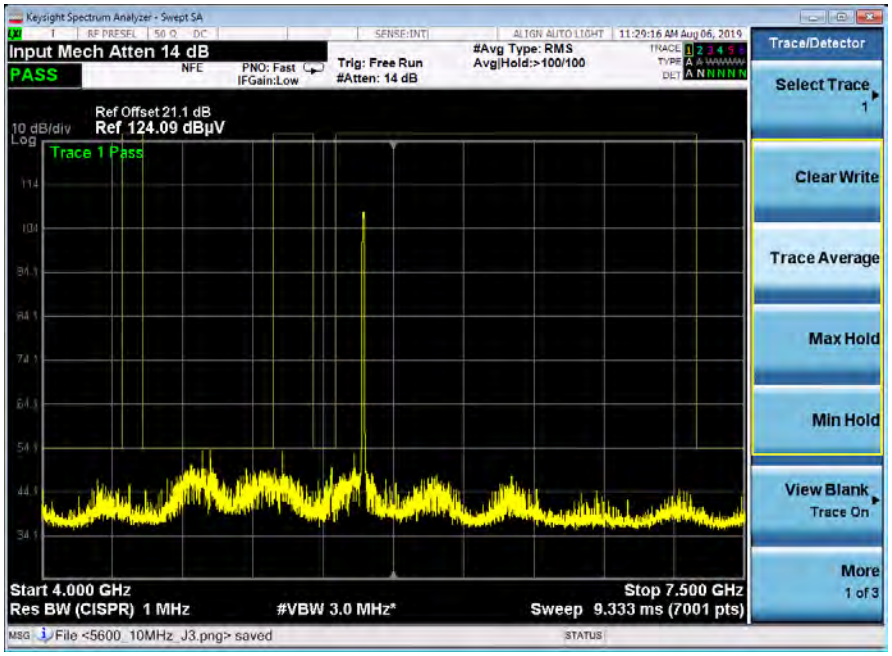
5495 MHz_40 Mhz Channel_J3



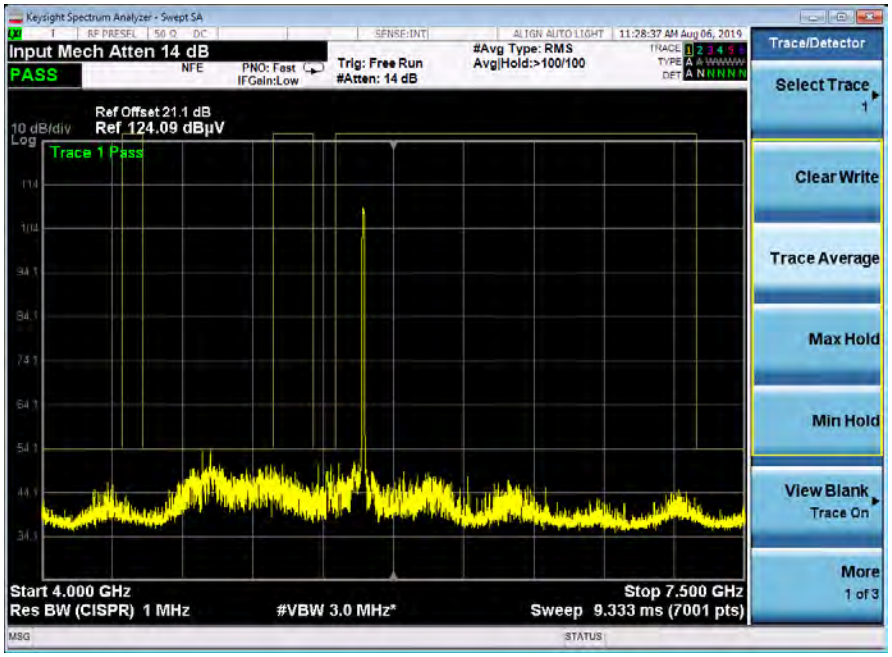
5500 MHz_50 Mhz Channel_J2



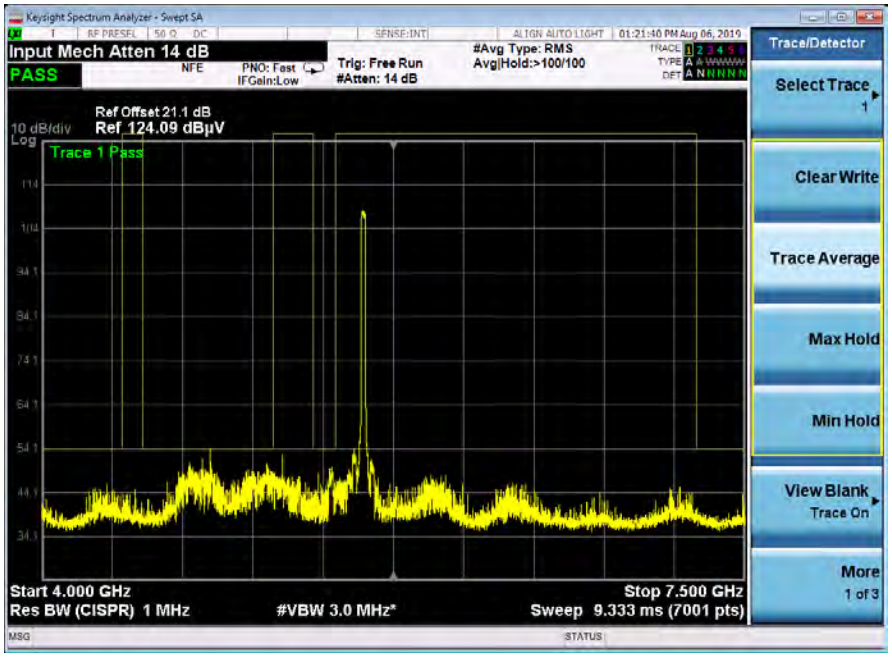
5500 MHz_50 Mhz Channel_J3



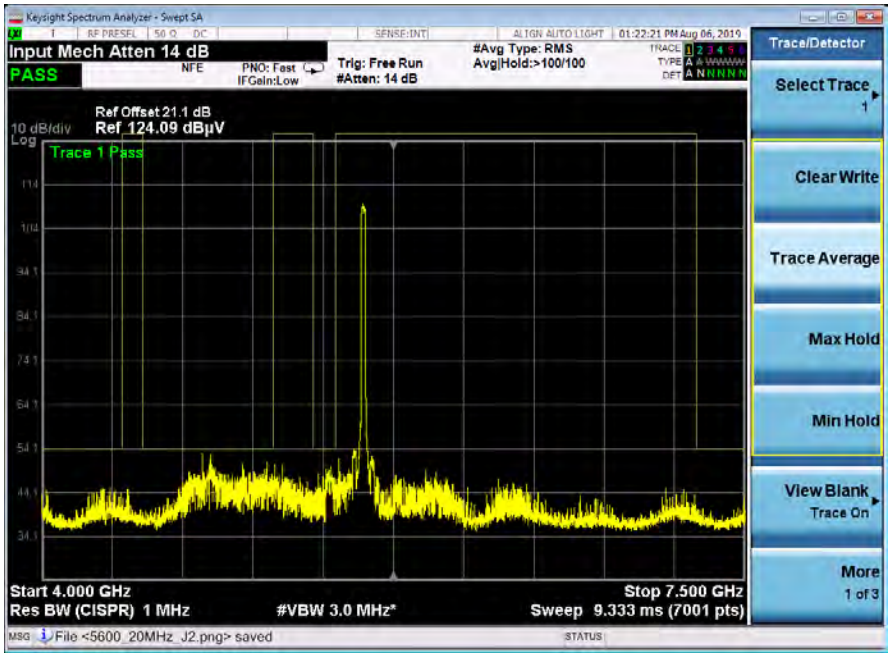
5600 MHz_10 Mhz Channel_J2



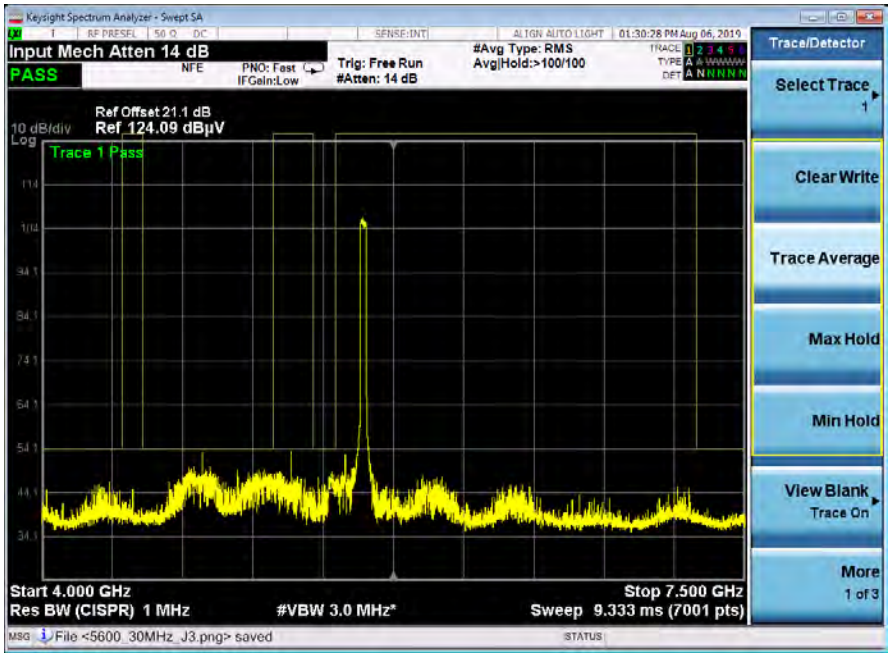
5600 MHz_10 Mhz Channel_J3



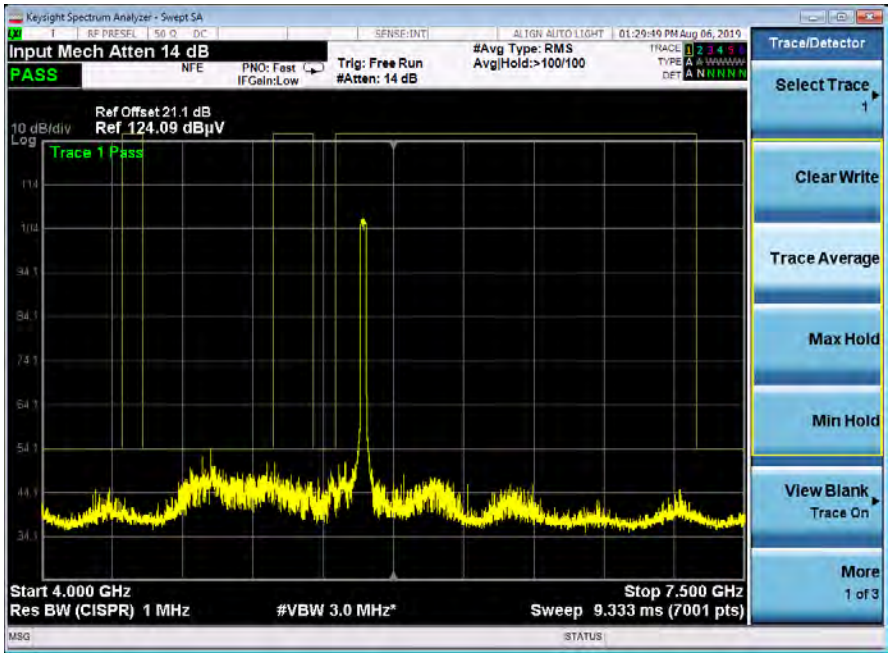
5600 MHz_20 Mhz Channel_J2



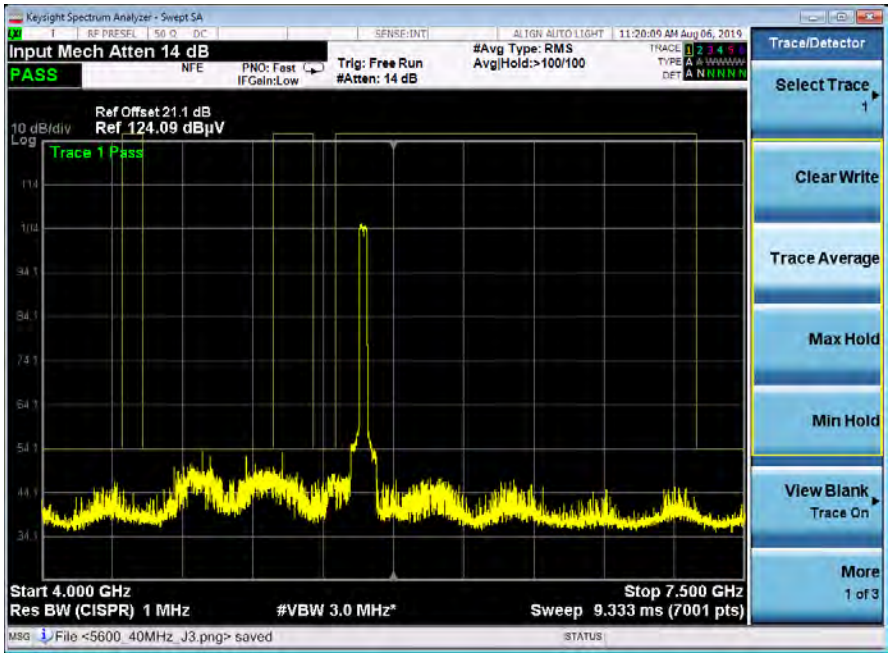
5600 MHz_20 Mhz Channel_J3



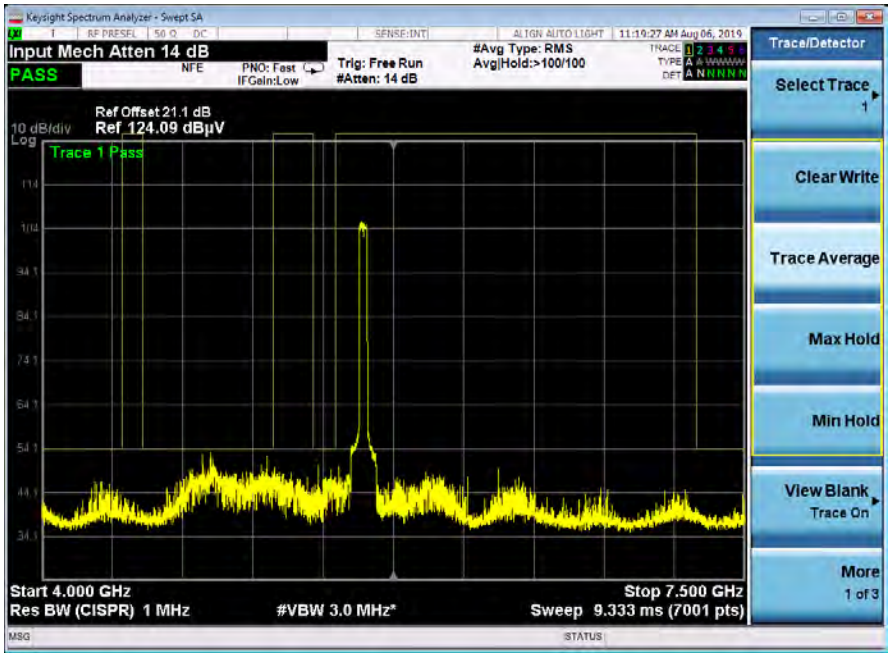
5600 MHz_30 Mhz Channel_J2



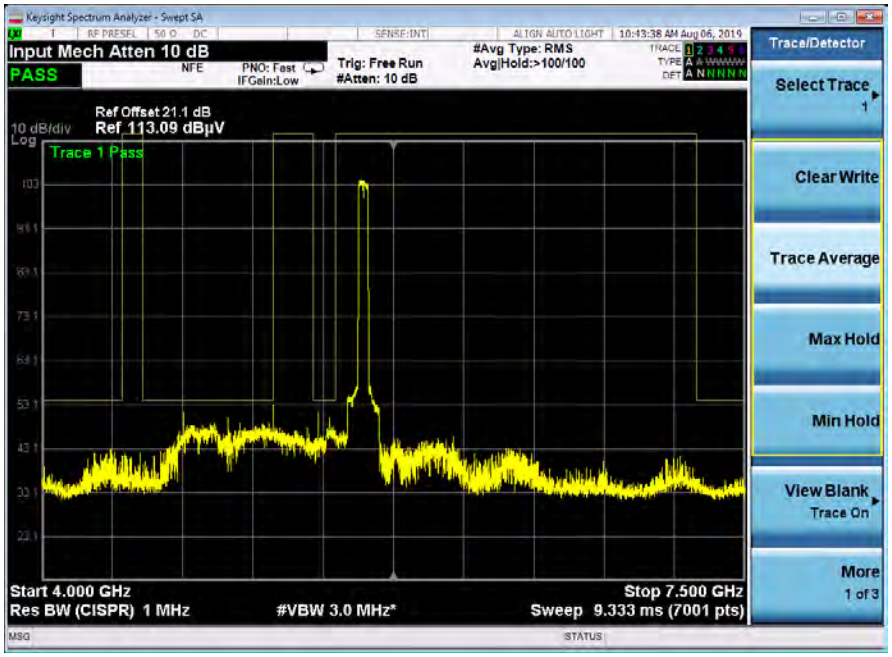
5600 MHz_30 Mhz Channel_J3



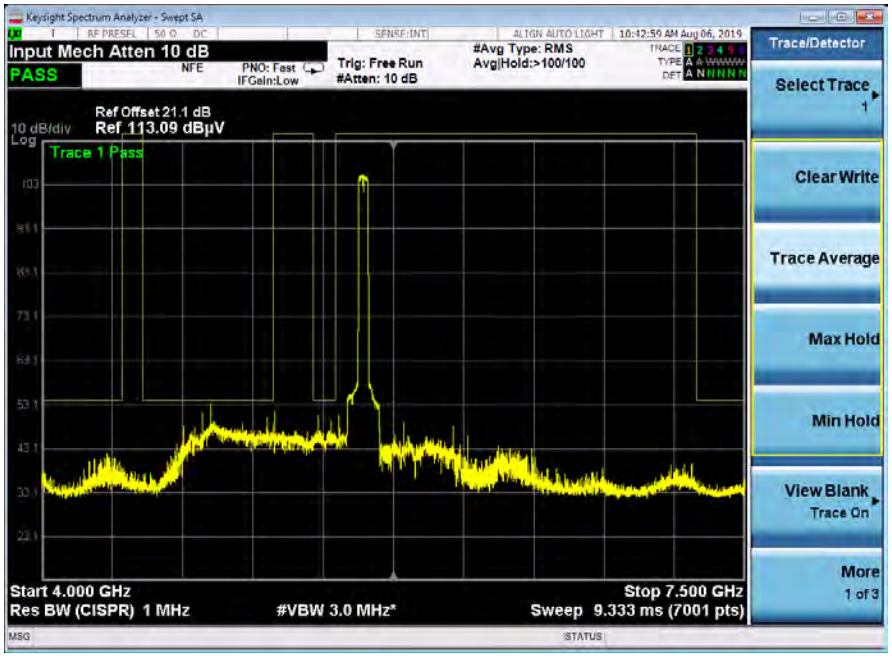
5600 MHz_40 Mhz Channel_J2



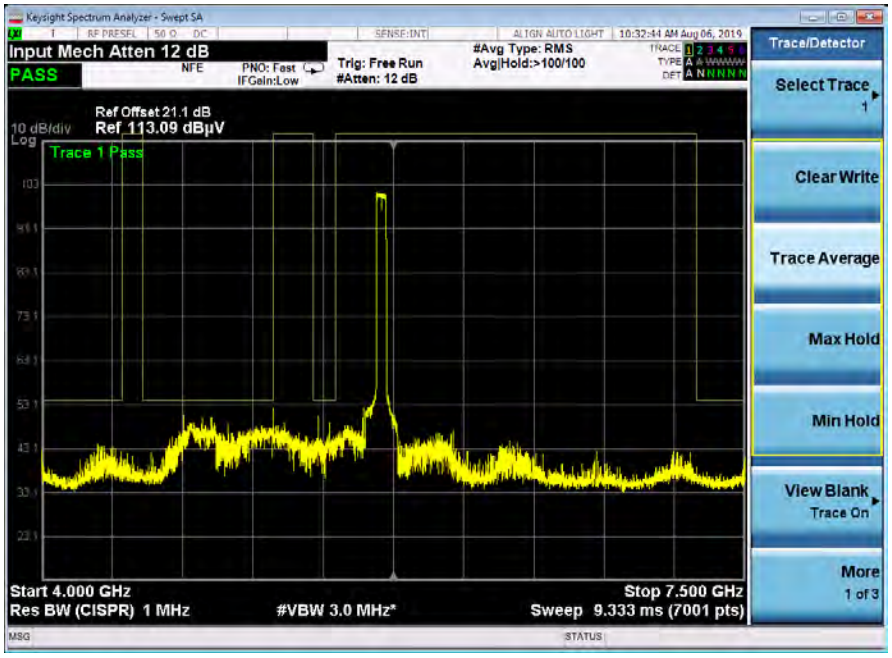
5600 MHz_40 Mhz Channel_J3



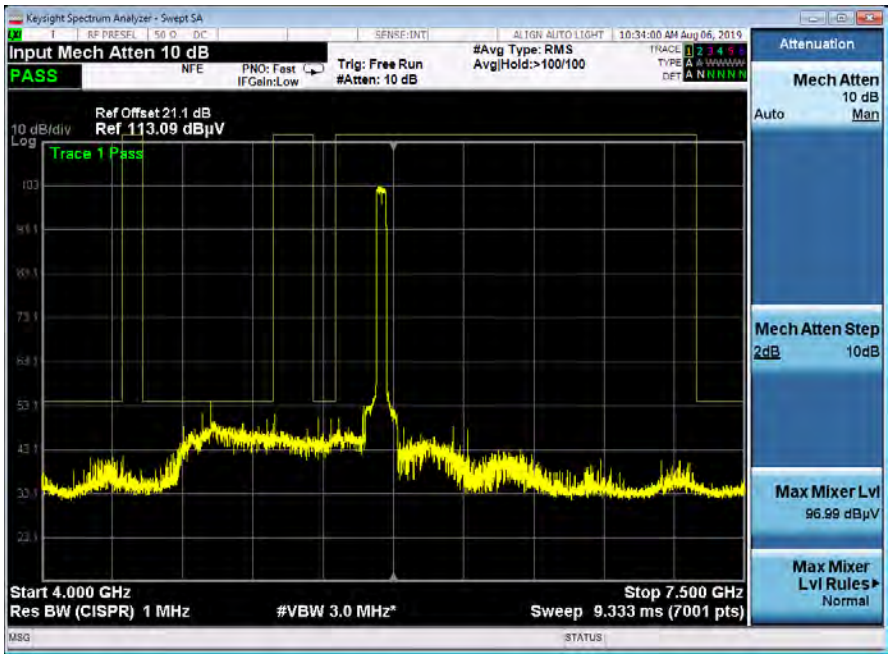
5600 MHz_50 Mhz Channel_J2



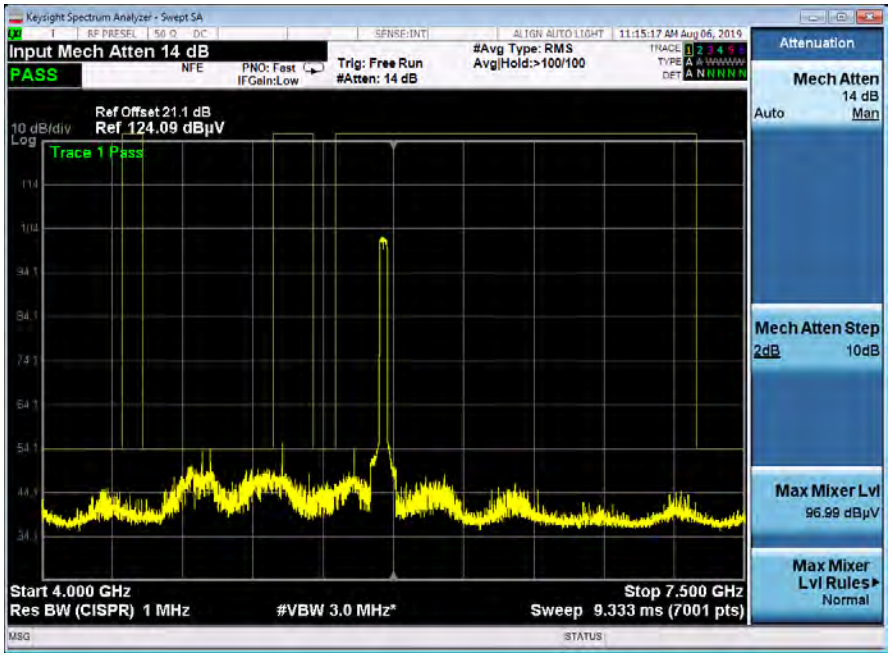
5600 MHz_50 Mhz Channel_J3



5690 MHz_50 Mhz Channel_J2

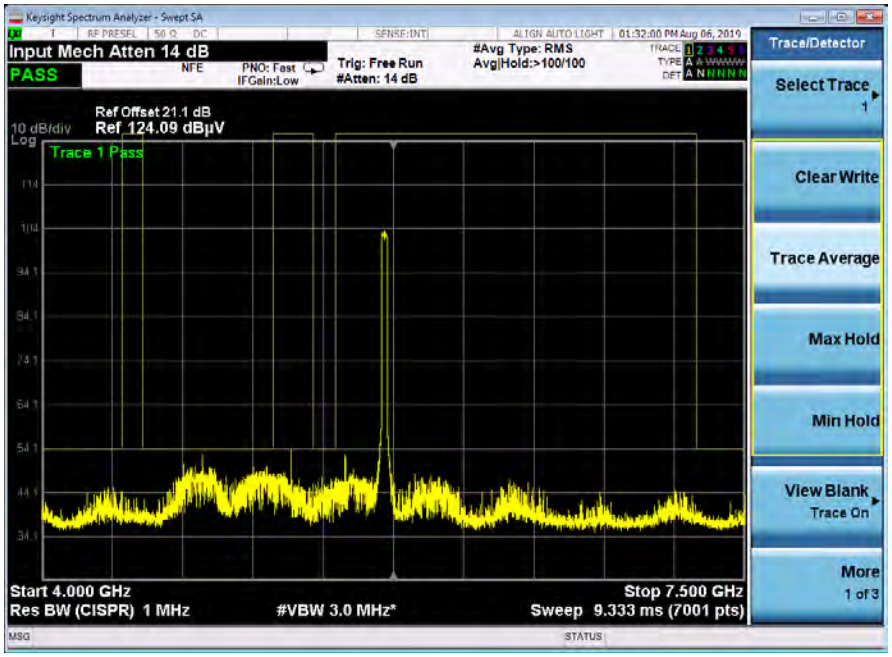


5690 MHz_50 Mhz Channel_J3

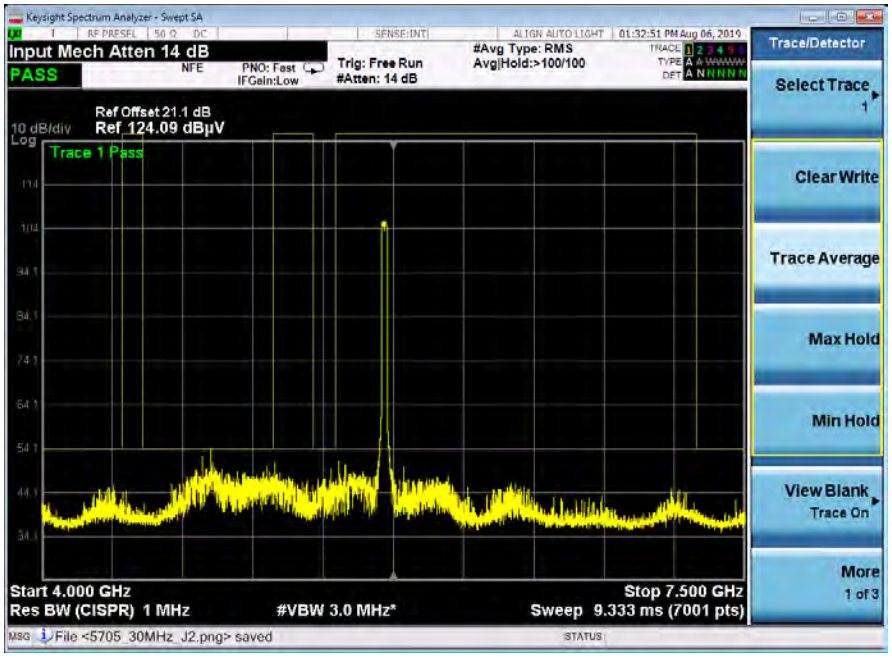


5700 MHz_40 Mhz Channel_J2

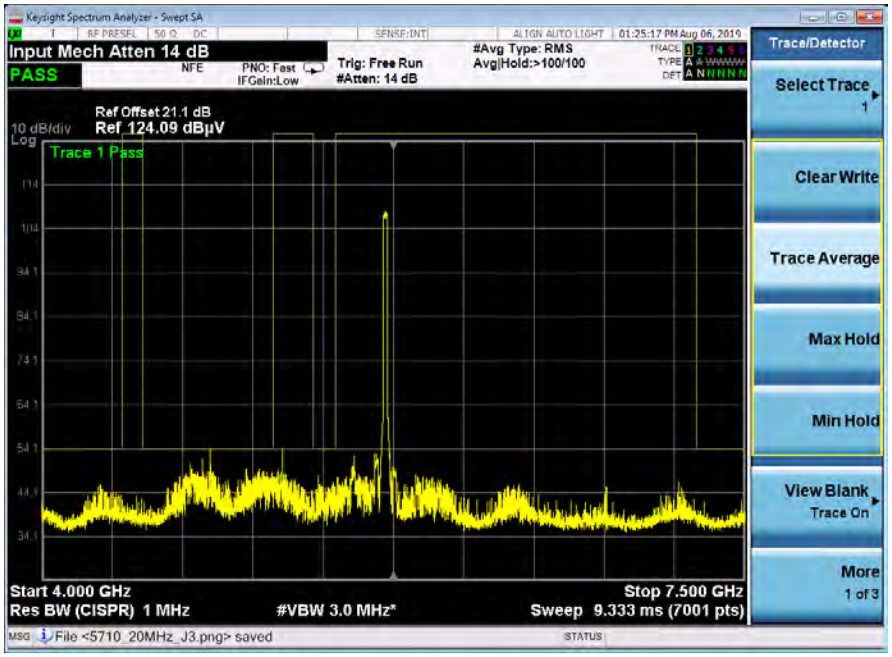
5700 MHz_40 Mhz Channel_J3



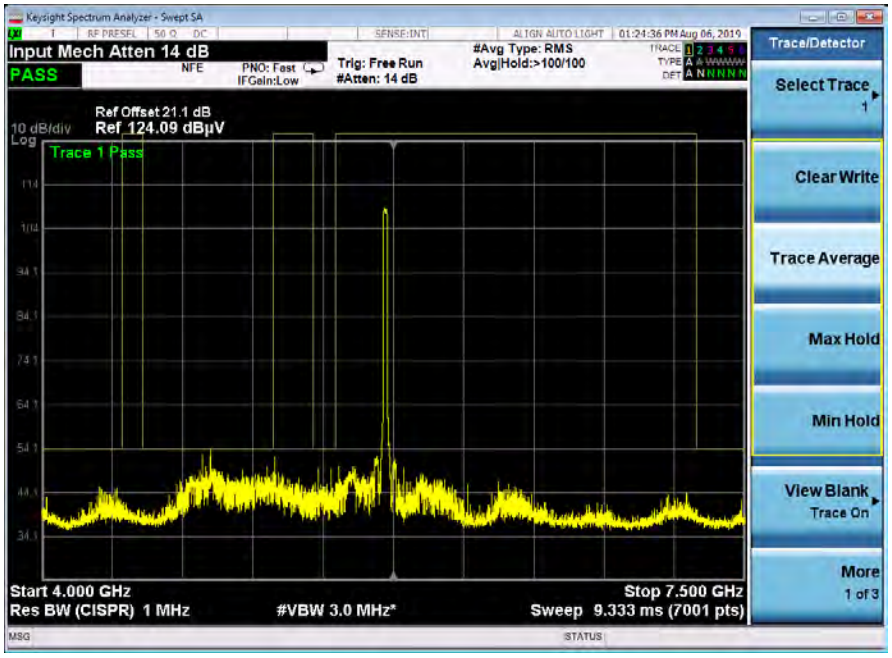
5705 MHz_30 Mhz Channel_J2



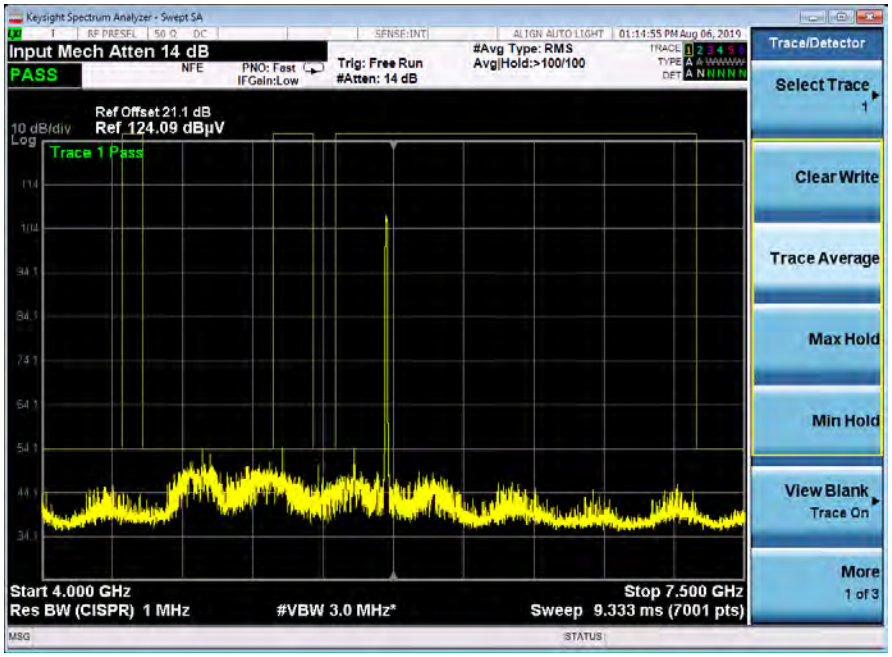
5705 MHz_30 Mhz Channel_J3



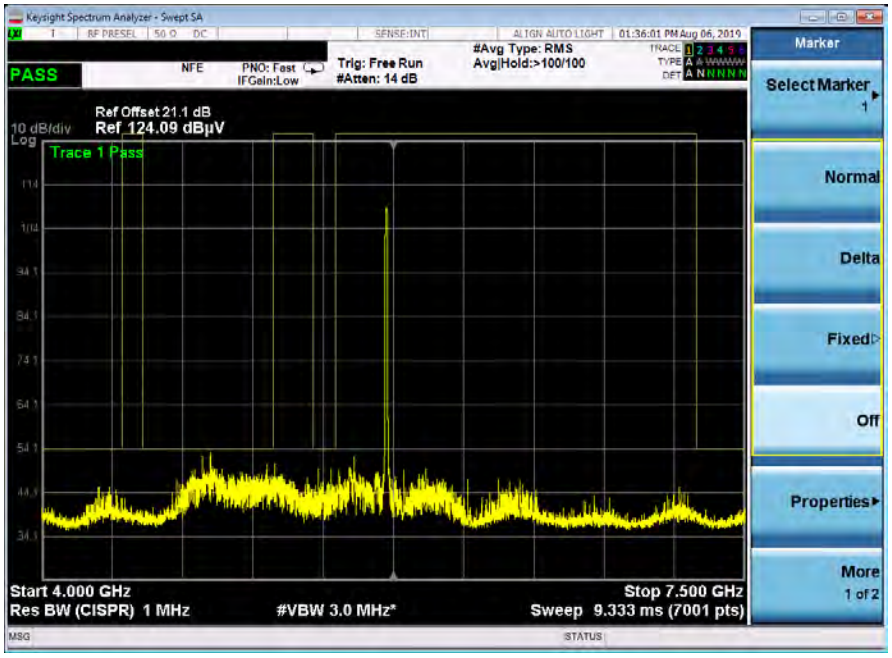
5710 MHz_20 Mhz Channel_J2



5710 MHz_20 Mhz Channel_J3



5715 MHz_10 Mhz Channel_J2



5715 MHz_10 Mhz Channel_J3