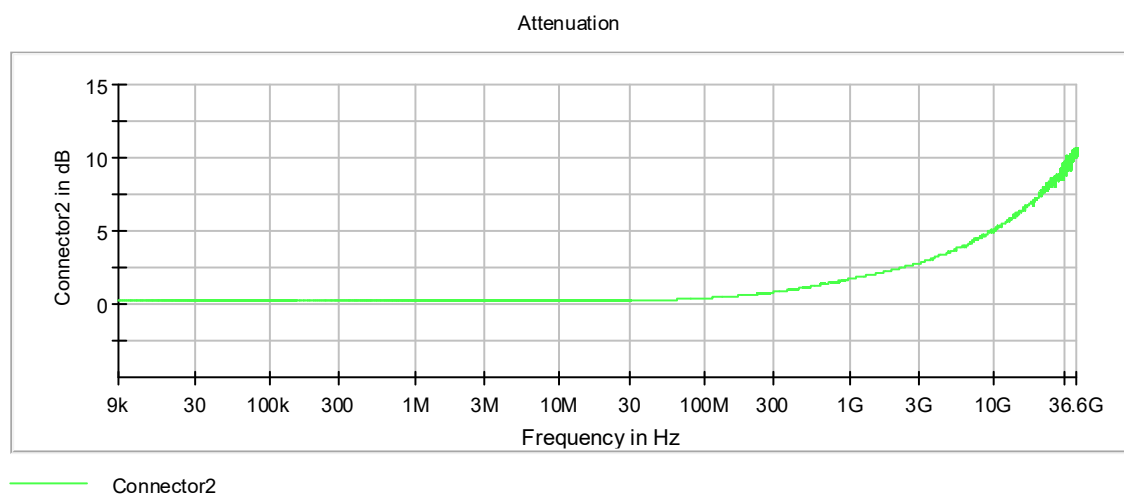
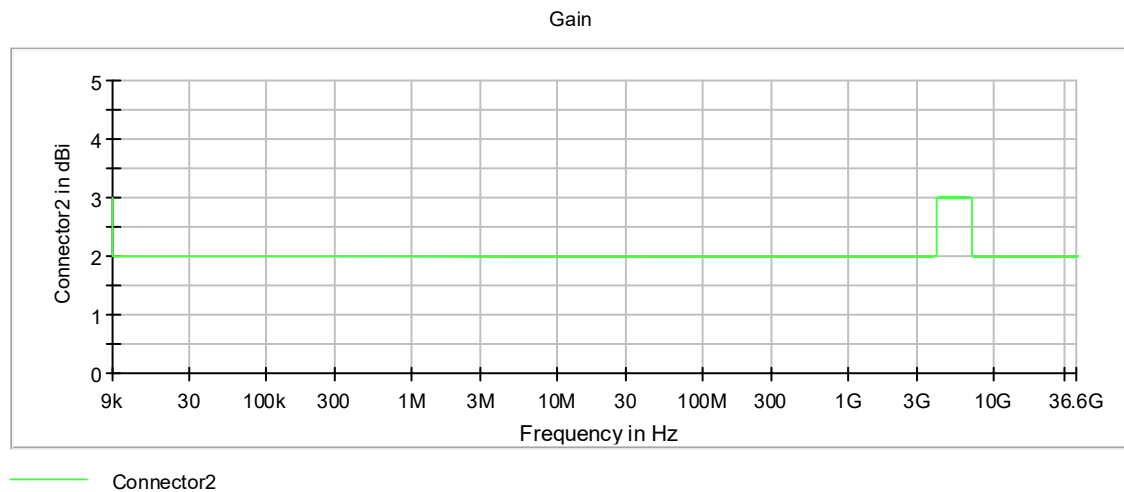
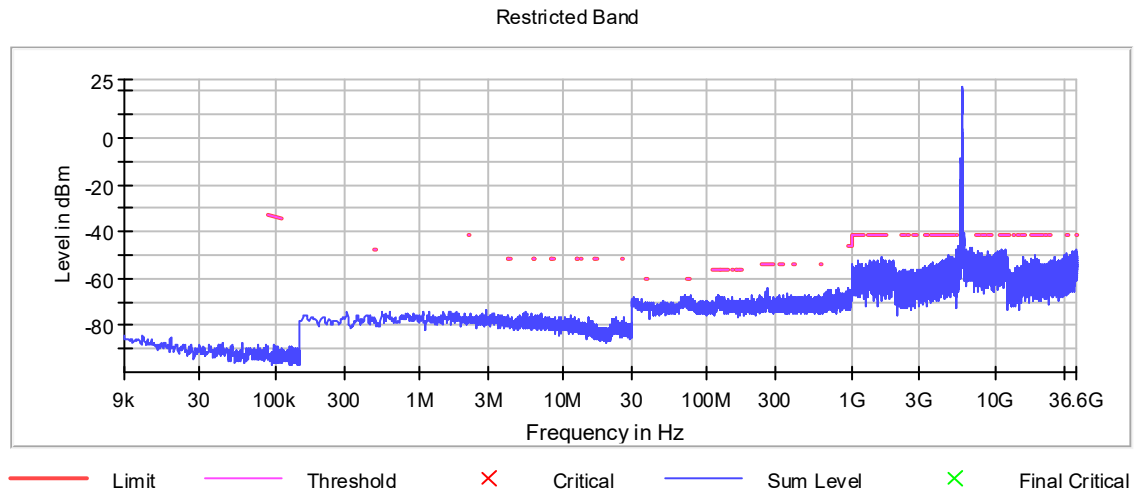




Emission Bandwidth 26 dB (5740 MHz; _____ (30 dBm); 30 MHz)

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

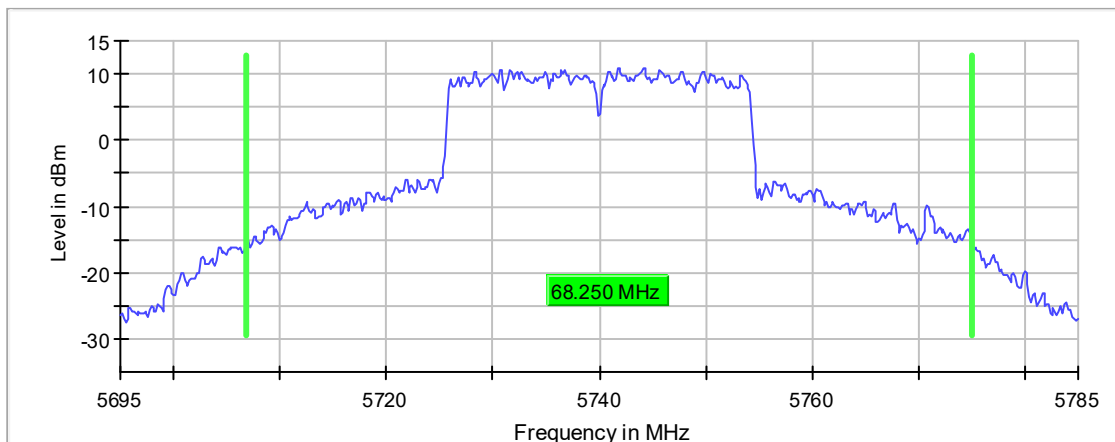
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	68.250000	---	---	5706.775000	5775.025000

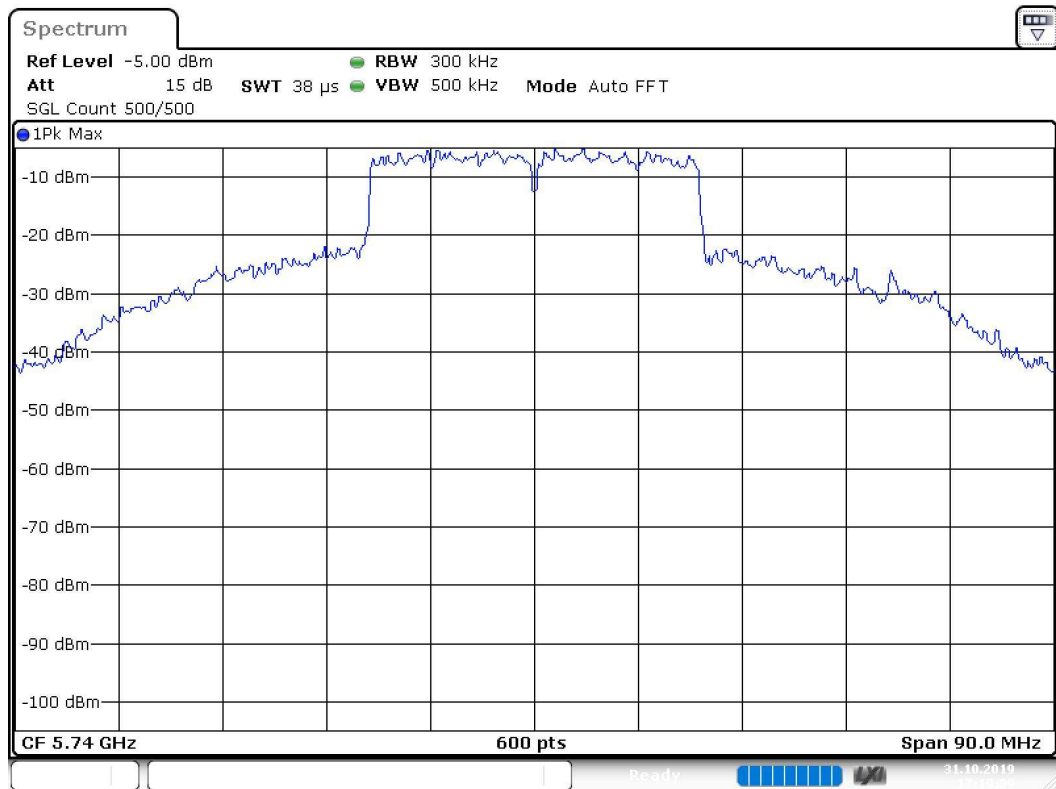
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5740.000000	10.9	PASS

26 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 17:19:09

RF output power (5740 MHz; _____ (30 dBm); 30 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
5740.000000	29.5	---	29.5	99.605	PASS

Power Spectral Density (5740 MHz; _____ (30 dBm); 30 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
5740.000000	5741.125000	7.372	30.0	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Minimum Emission Bandwidth 6 dB (5740 MHz; _____ (30 dBm); 30 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

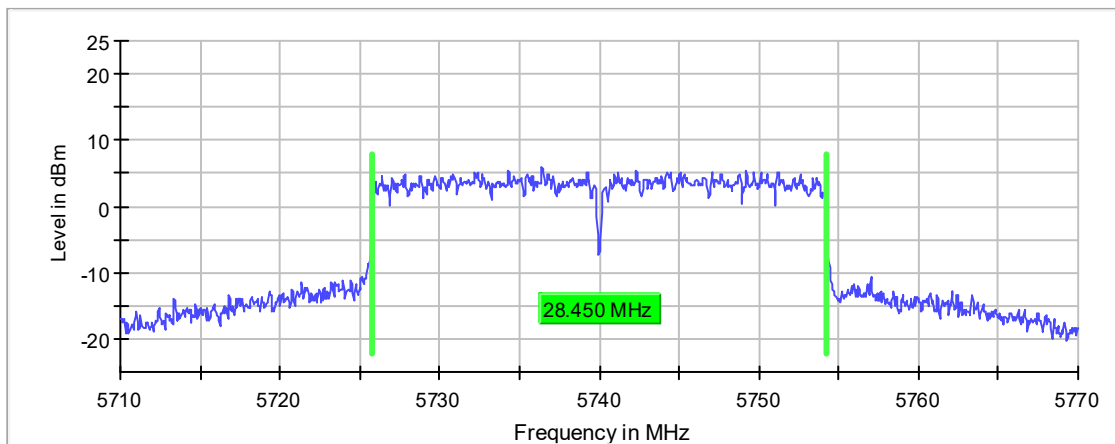
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	28.450000	0.500000	---	5725.775000	5754.225000

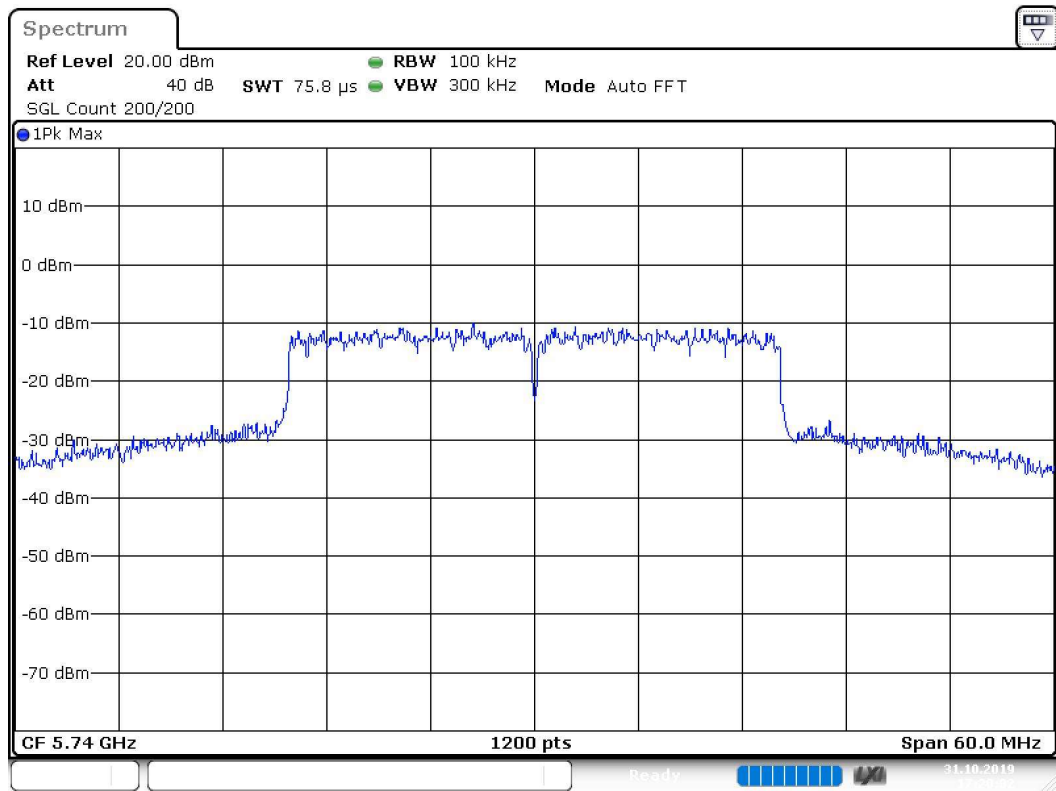
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5740.000000	6.0	PASS

6 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 17:20:03

Occupied Channel Bandwidth 99% (5740 MHz; _____ (30 dBm); 30 MHz)

Customized settings.

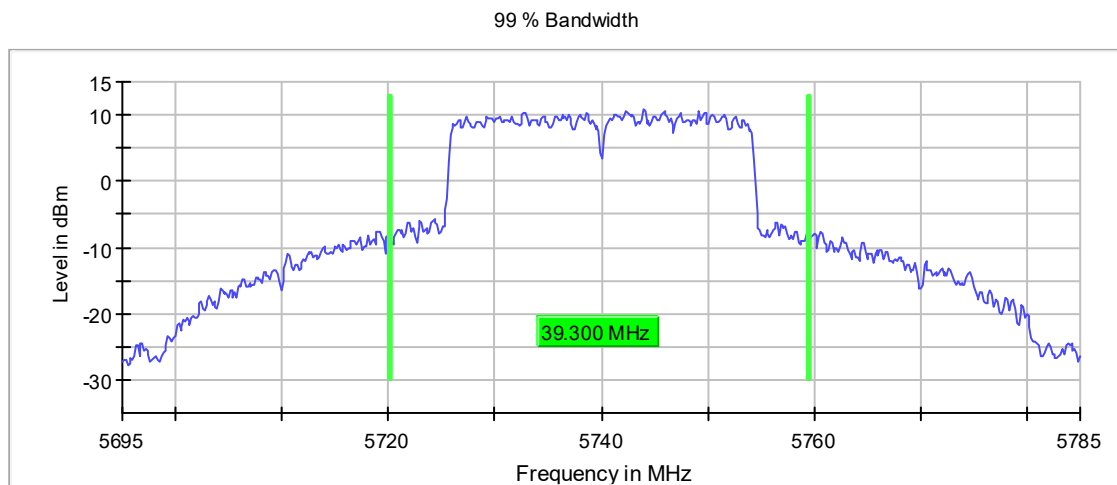
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

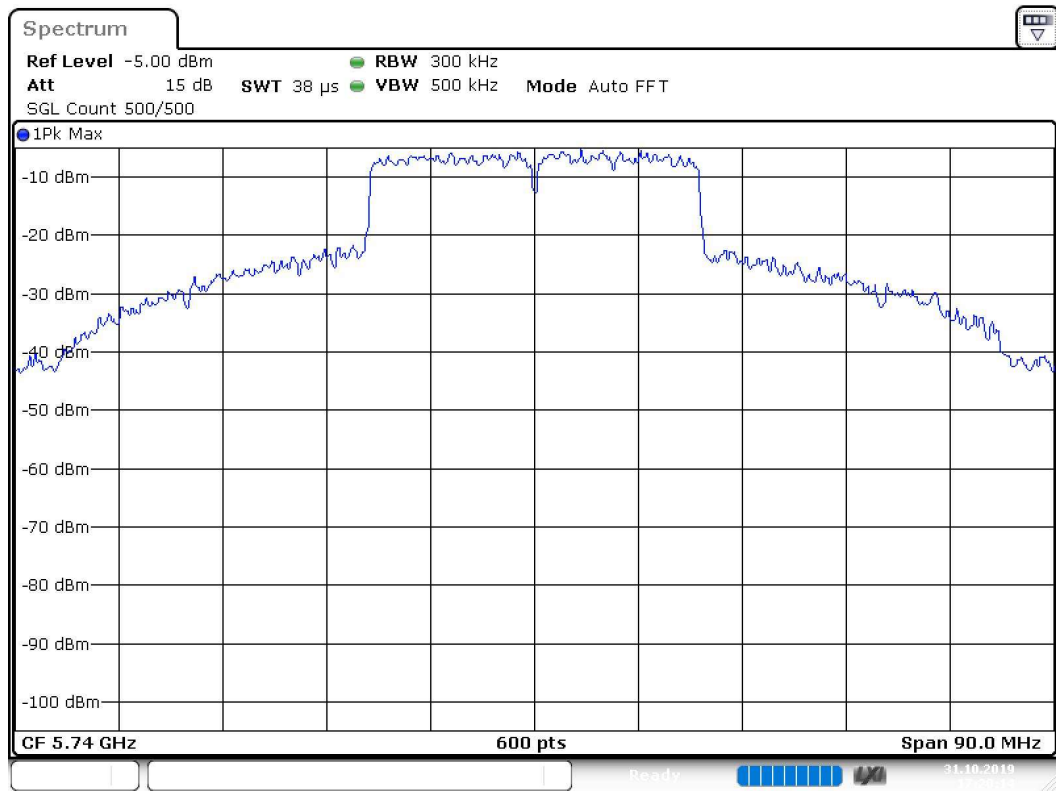
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	39.300000	---	---	5720.125000	5759.425000

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

DUT Frequency (MHz)	Result
5740.000000	PASS



Bandwidth



Date: 31.OCT.2019 17:20:15

Tx Spurious Emission (5740 MHz; _____ (30 dBm); 30 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
5740.000000	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)
75.275000	-60.6	0.7	-59.9
70.875000	-61.0	1.1	-59.9
54.875000	-61.0	1.1	-59.9
5642.250000	-28.5	1.5	-27.0
85.875000	-61.6	1.7	-59.9
72.525000	-61.8	1.9	-59.9
5641.750000	-29.0	2.0	-27.0
85.775000	-62.0	2.1	-59.9
84.275000	-62.0	2.1	-59.9
82.775000	-62.1	2.2	-59.9
61.125000	-62.1	2.2	-59.9
63.975000	-62.2	2.3	-59.9
38.525000	-62.2	2.3	-59.9
69.925000	-62.2	2.3	-59.9
72.975000	-62.2	2.3	-59.9

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1000.000000	1	1
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

Emissions in restricted frequency bands (Average) (5740 MHz; _____ (30 dBm); 30 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
5740.000000	PASS

Final measurements

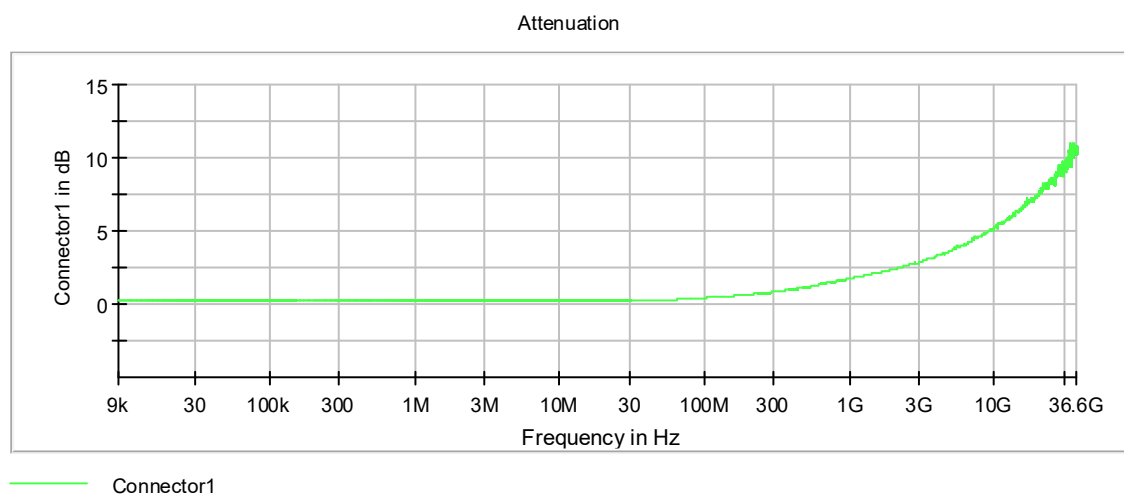
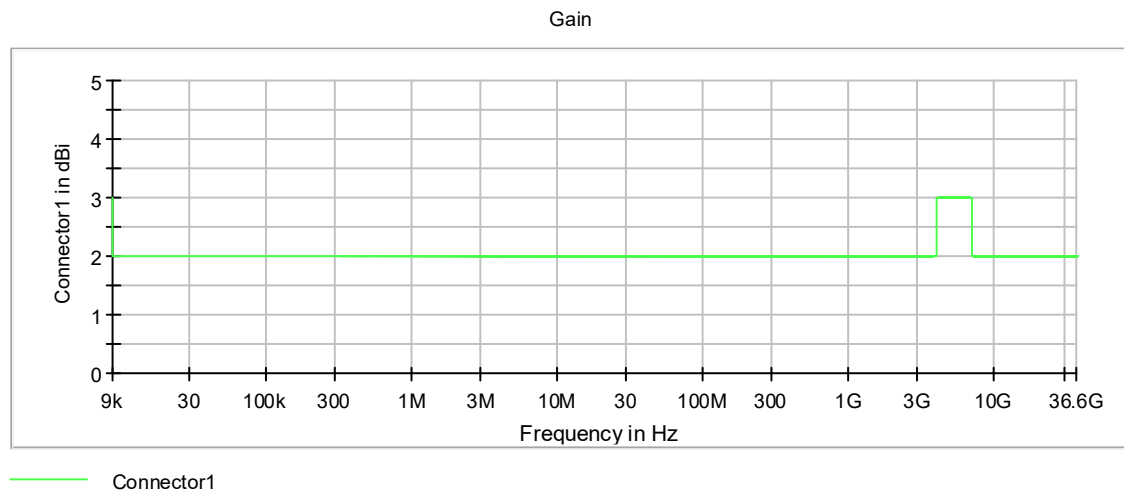
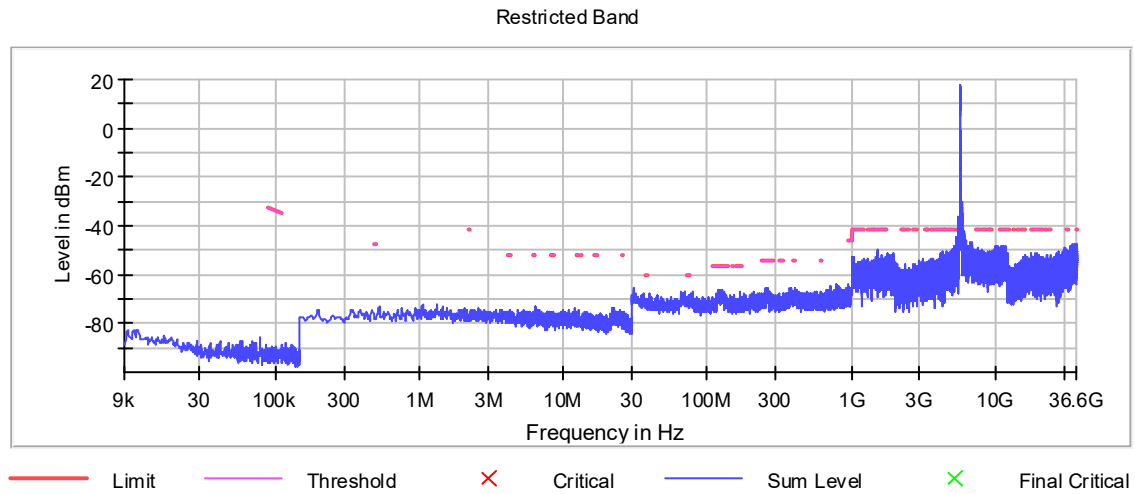
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5458.750000	-44.7	3.5	-41.2
5457.750000	-46.7	5.5	-41.2
5427.250000	-47.2	6.0	-41.2
5407.750000	-47.8	6.6	-41.2
5426.750000	-47.8	6.6	-41.2
11168.250000	-48.0	6.8	-41.2
11941.250000	-48.2	7.0	-41.2
36466.250000	-48.3	7.1	-41.2
11415.250000	-48.4	7.2	-41.2
11167.750000	-48.5	7.3	-41.2
5424.750000	-48.5	7.3	-41.2
5433.750000	-48.5	7.3	-41.2
11226.750000	-48.5	7.3	-41.2
5425.250000	-48.6	7.4	-41.2
36434.250000	-48.6	7.4	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1



Emissions in restricted frequency bands (Average)(2) (5740 MHz; _____ (30 dBm); 30 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
5740.000000	PASS

Final measurements

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

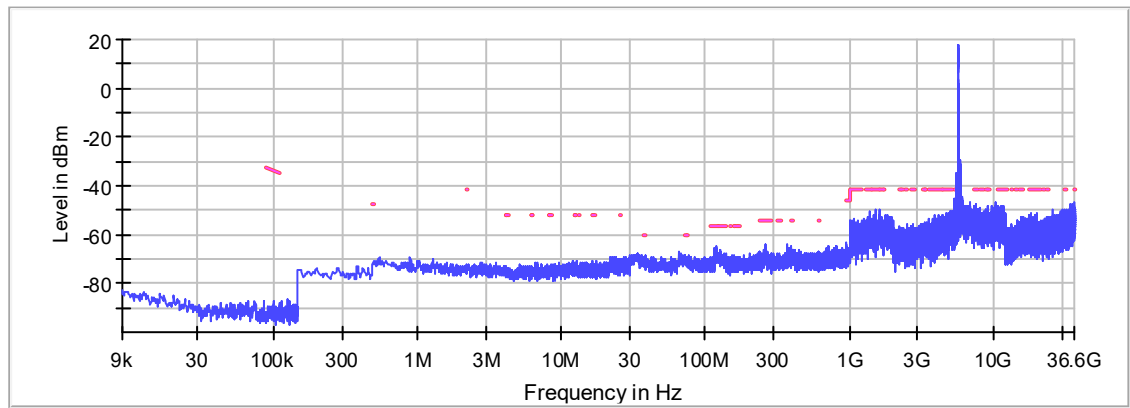
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5424.250000	-45.6	4.4	-41.2
5416.750000	-45.8	4.6	-41.2
5419.250000	-45.9	4.7	-41.2
5422.250000	-46.0	4.8	-41.2
5416.250000	-46.1	4.9	-41.2
5420.250000	-46.2	5.0	-41.2
5432.250000	-46.5	5.3	-41.2
5418.750000	-46.7	5.5	-41.2
5424.750000	-46.8	5.6	-41.2
5417.250000	-47.1	5.9	-41.2
5431.750000	-47.2	6.0	-41.2
5426.250000	-47.5	6.3	-41.2
5458.250000	-47.6	6.4	-41.2
5459.750000	-47.7	6.5	-41.2
7647.750000	-47.8	6.6	-41.2

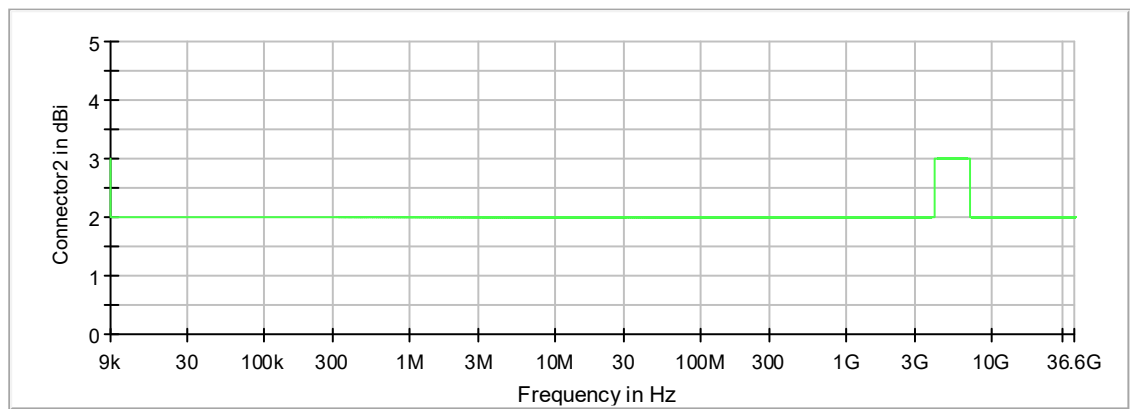
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

Restricted Band

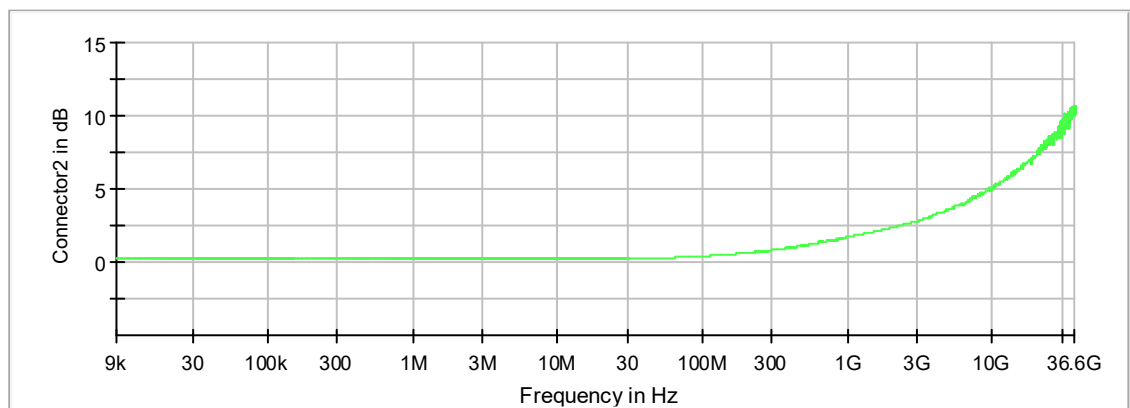


Gain



Connector2

Attenuation



Connector2

Emission Bandwidth 26 dB (5790 MHz; _____ (30 dBm); 30 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

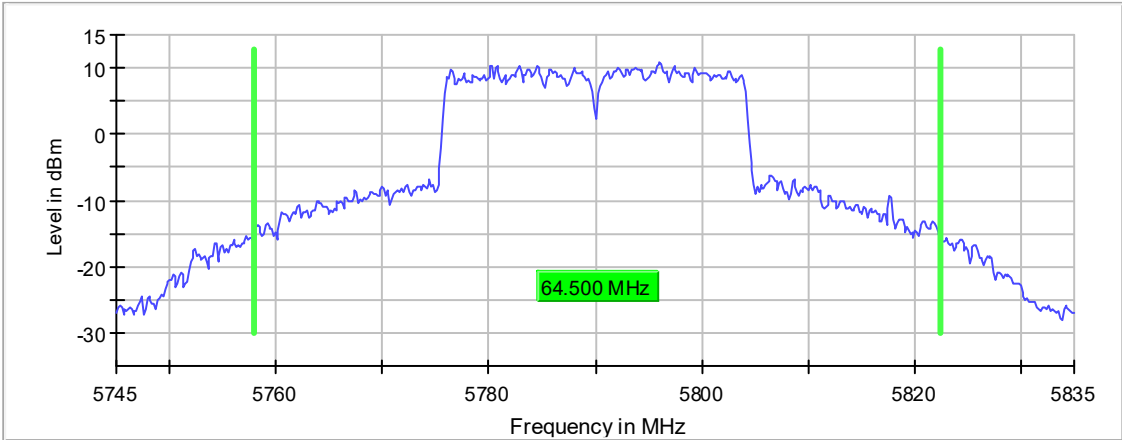
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	64.500000	---	---	5757.975000	5822.475000

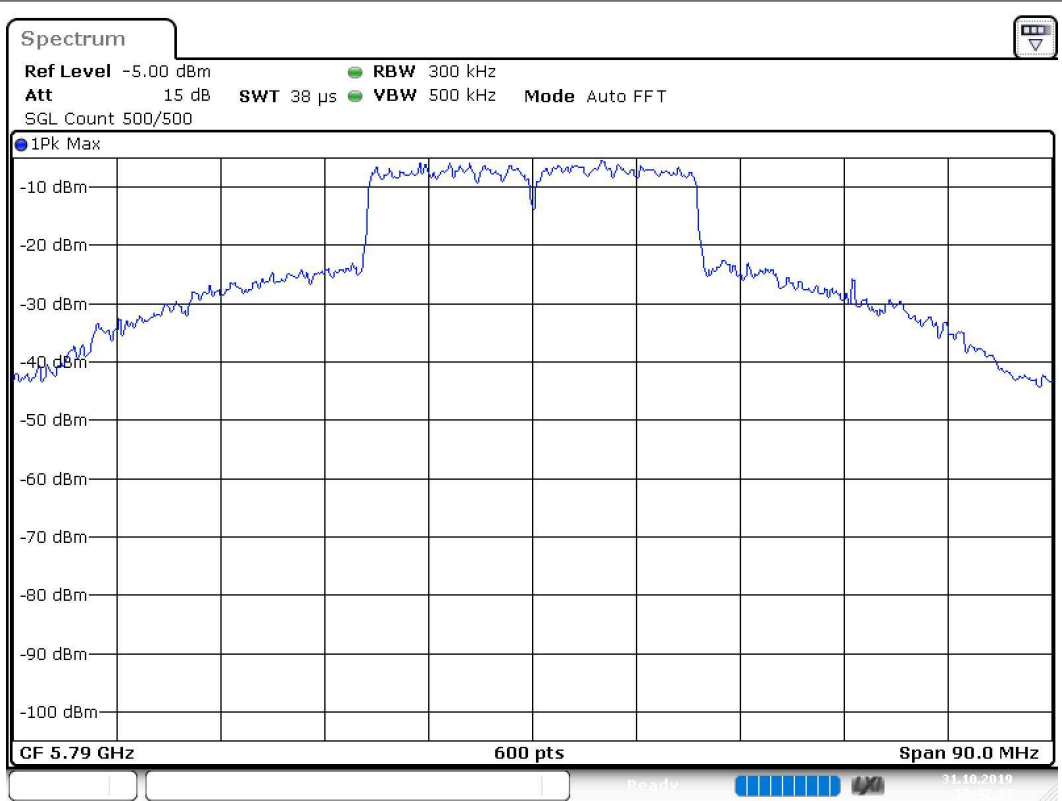
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	10.9	PASS

26 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 17:42:35

RF output power (5790 MHz; _____ (30 dBm); 30 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
5790.000000	29.3	---	29.3	99.605	PASS

Power Spectral Density (5790 MHz; _____ (30 dBm); 30 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
5790.000000	5791.125000	7.153	30.0	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Minimum Emission Bandwidth 6 dB (5790 MHz; _____ (30 dBm); 30 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

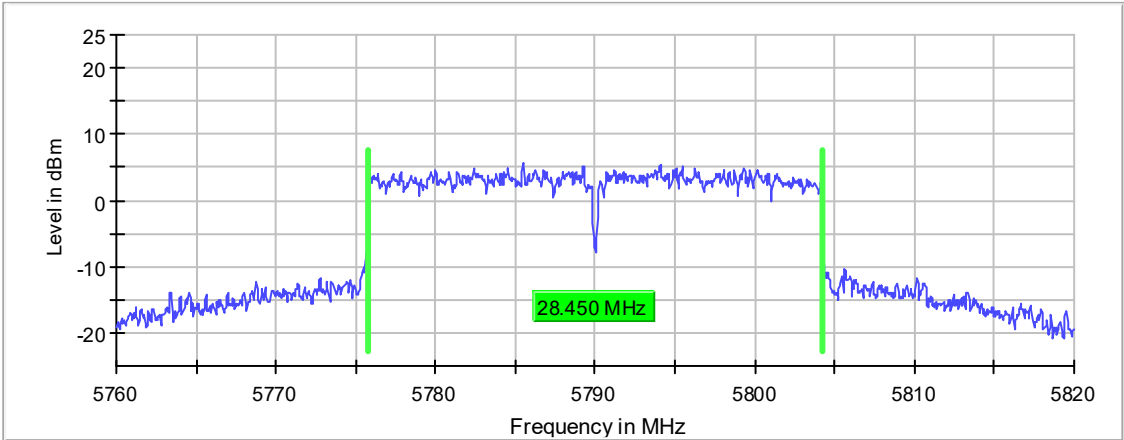
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	28.450000	0.500000	---	5775.775000	5804.225000

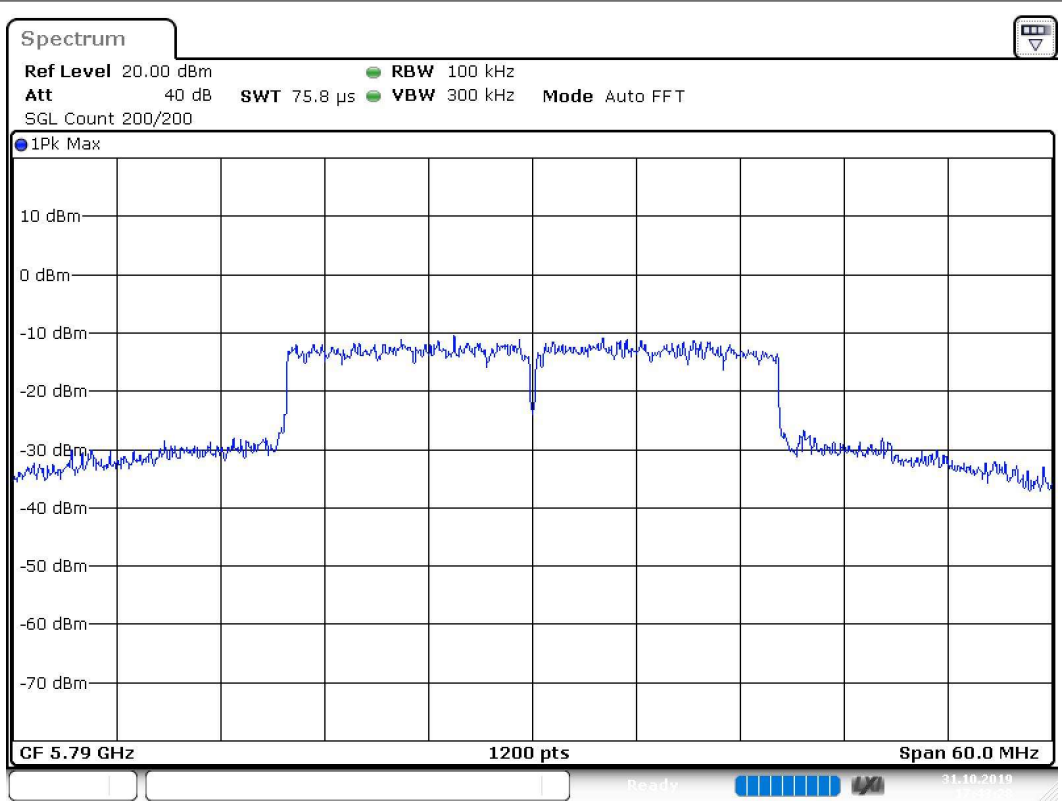
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	5.7	PASS

6 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 17:43:29

Occupied Channel Bandwidth 99% (5790 MHz; _____ (30 dBm); 30 MHz)

Customized settings.

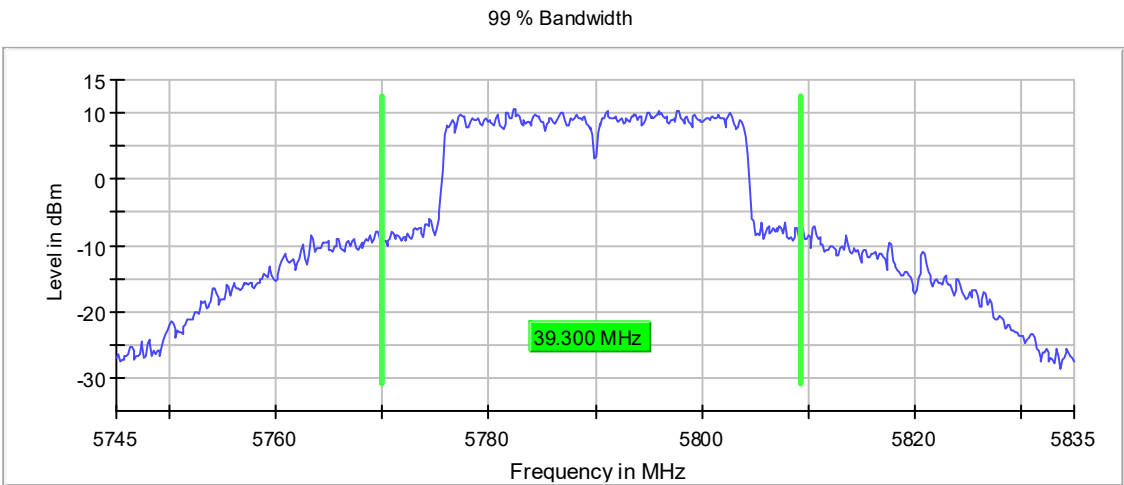
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

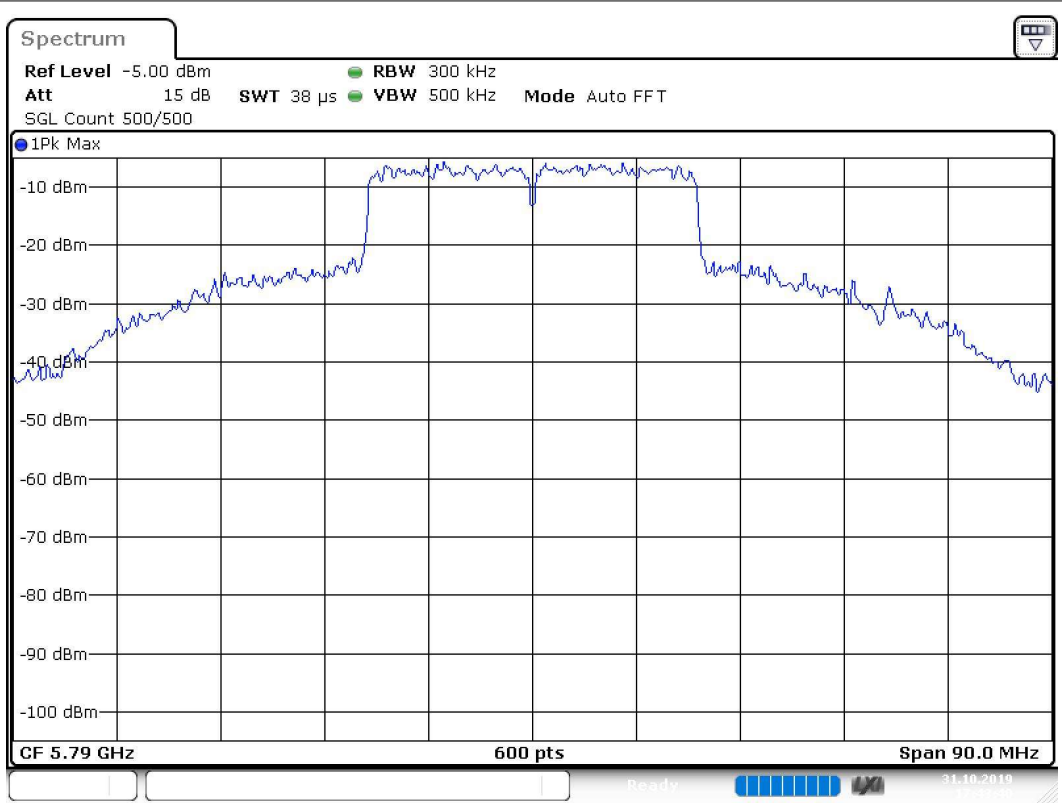
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	39.300000	---	---	5769.975000	5809.275000

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

DUT Frequency (MHz)	Result
5790.000000	PASS



Bandwidth



Date: 31.OCT.2019 17:43:41

Tx Spurious Emission (5790 MHz; _____ (30 dBm); 30 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
5790.000000	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)
86.725000	-61.3	1.4	-59.9
78.475000	-61.4	1.5	-59.9
70.025000	-61.8	1.9	-59.9
79.425000	-61.8	1.9	-59.9
60.675000	-61.8	1.9	-59.9
58.025000	-61.8	1.9	-59.9
48.225000	-61.9	2.0	-59.9
74.125000	-62.0	2.1	-59.9
82.825000	-62.0	2.1	-59.9
42.325000	-62.0	2.1	-59.9
71.125000	-62.0	2.1	-59.9
55.875000	-62.0	2.1	-59.9
85.575000	-62.1	2.2	-59.9
78.775000	-62.1	2.2	-59.9
62.075000	-62.2	2.3	-59.9

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1000.000000	1	1
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

Emissions in restricted frequency bands (Average) (5790 MHz; _____ (30 dBm); 30 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
5790.000000	PASS

Final measurements

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

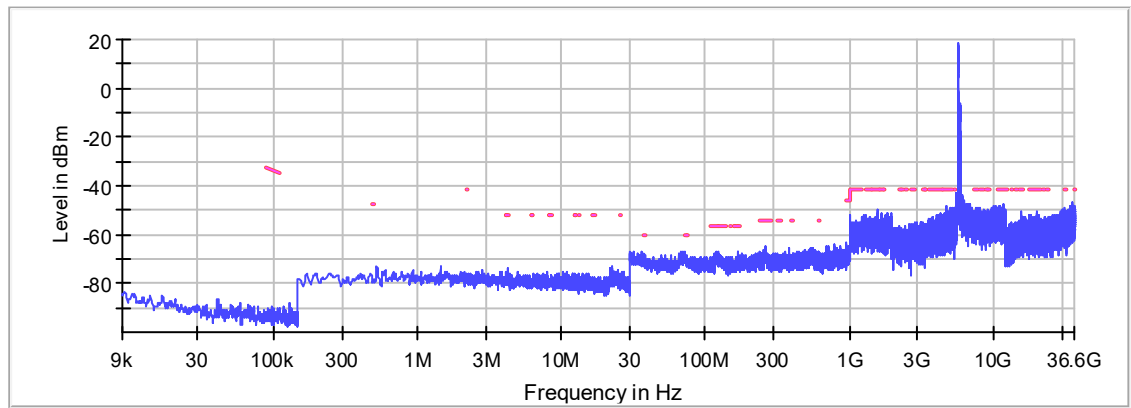
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
11958.750000	-47.6	6.4	-41.2
36455.250000	-47.9	6.7	-41.2
11135.250000	-48.0	6.8	-41.2
11115.750000	-48.2	7.0	-41.2
11854.250000	-48.3	7.1	-41.2
4785.250000	-48.5	7.3	-41.2
11937.750000	-48.5	7.3	-41.2
11218.250000	-48.6	7.4	-41.2
11967.750000	-48.7	7.5	-41.2
11272.250000	-48.7	7.5	-41.2
11713.250000	-48.7	7.5	-41.2
11659.250000	-48.9	7.7	-41.2
11676.250000	-48.9	7.7	-41.2
11162.750000	-49.0	7.8	-41.2
36465.250000	-49.0	7.8	-41.2

Measurement Settings

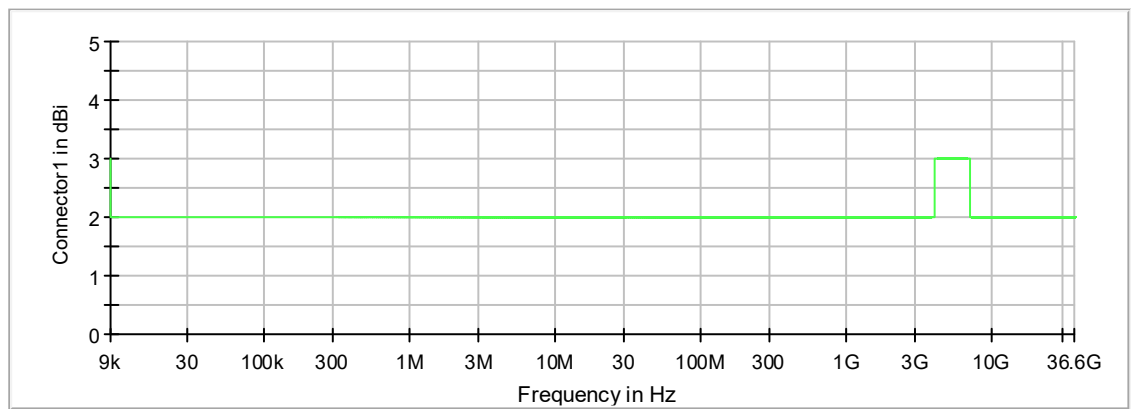
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

Restricted Band



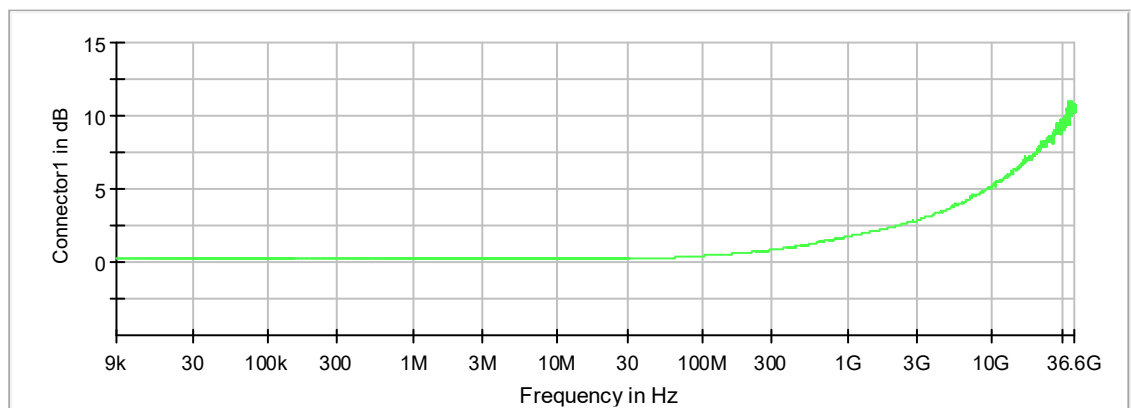
— Limit — Threshold × Critical — Sum Level × Final Critical

Gain



— Connector1

Attenuation



— Connector1

Emissions in restricted frequency bands (Average)(2) (5790 MHz; _____ (30 dBm); 30 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
5790.000000	PASS

Final measurements

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

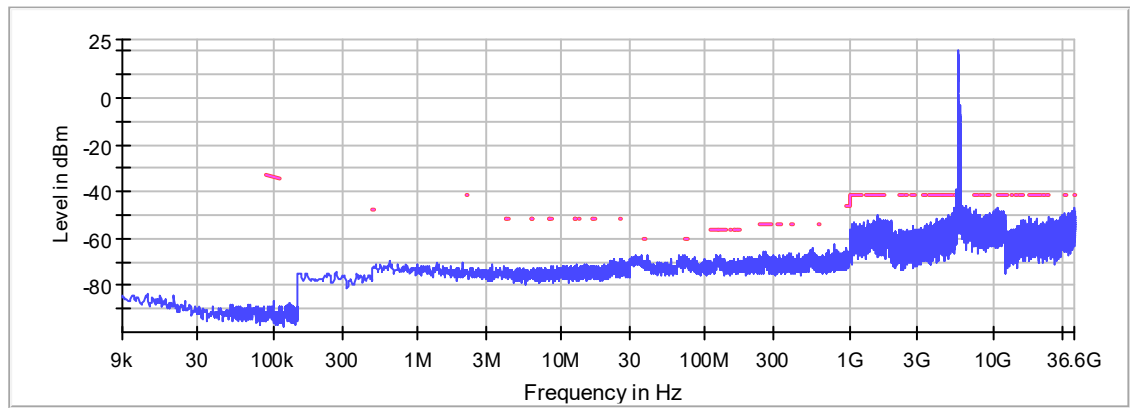
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5458.750000	-47.2	6.0	-41.2
7558.750000	-47.3	6.1	-41.2
10764.250000	-48.4	7.2	-41.2
11658.750000	-48.5	7.3	-41.2
11209.750000	-48.6	7.4	-41.2
11843.750000	-48.6	7.4	-41.2
11843.250000	-48.6	7.4	-41.2
7459.250000	-48.8	7.6	-41.2
11276.750000	-48.8	7.6	-41.2
36492.250000	-48.8	7.6	-41.2
11684.250000	-48.9	7.7	-41.2
11787.250000	-48.9	7.7	-41.2
11900.750000	-48.9	7.7	-41.2
11163.250000	-48.9	7.7	-41.2
11198.250000	-48.9	7.7	-41.2

Measurement Settings

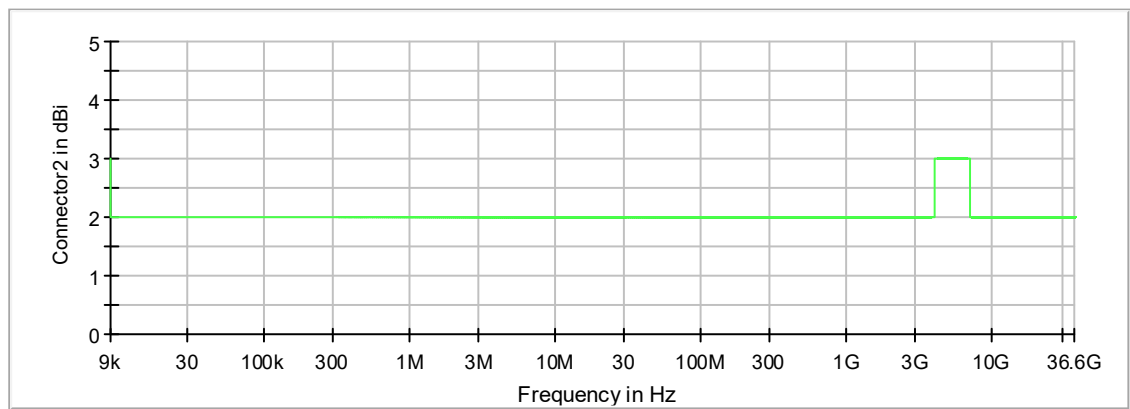
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

Restricted Band



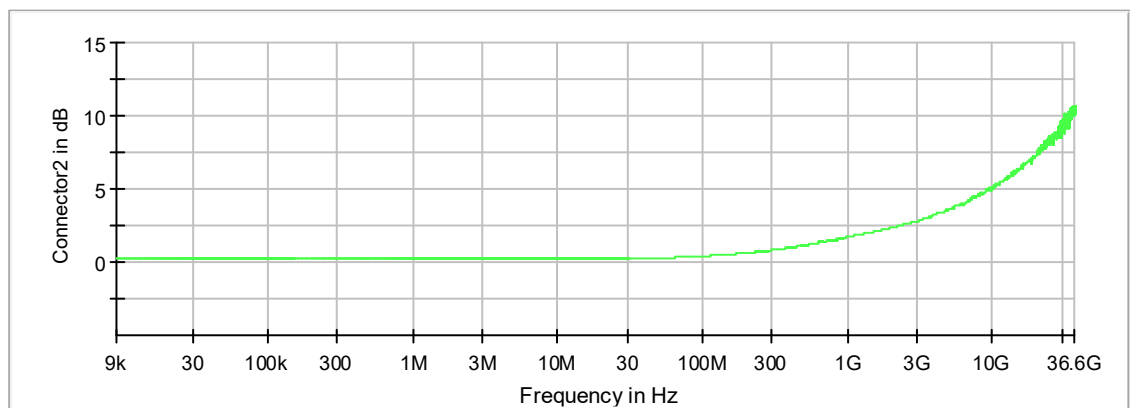
— Limit — Threshold × Critical — Sum Level × Final Critical

Gain



— Connector2

Attenuation



— Connector2

Emission Bandwidth 26 dB (5835 MHz; _____ (30 dBm); 30 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

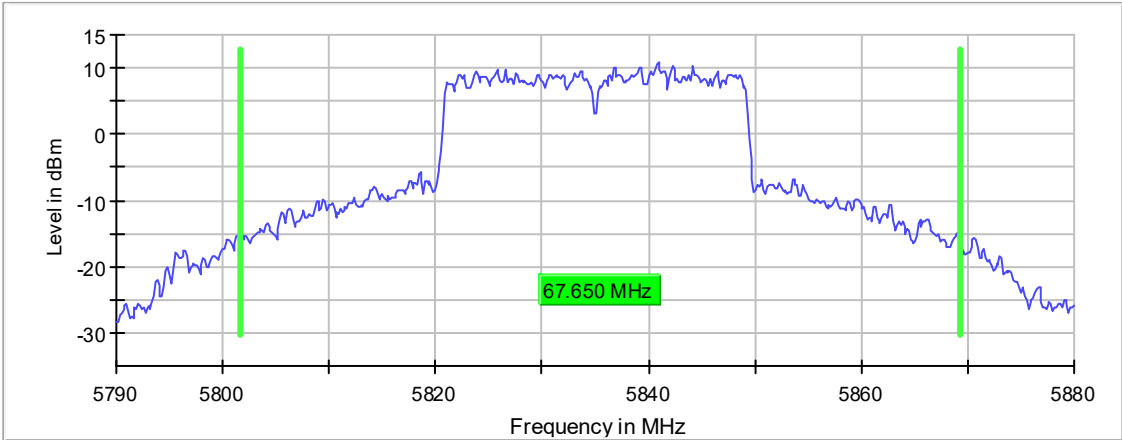
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	67.650000	---	---	5801.625000	5869.275000

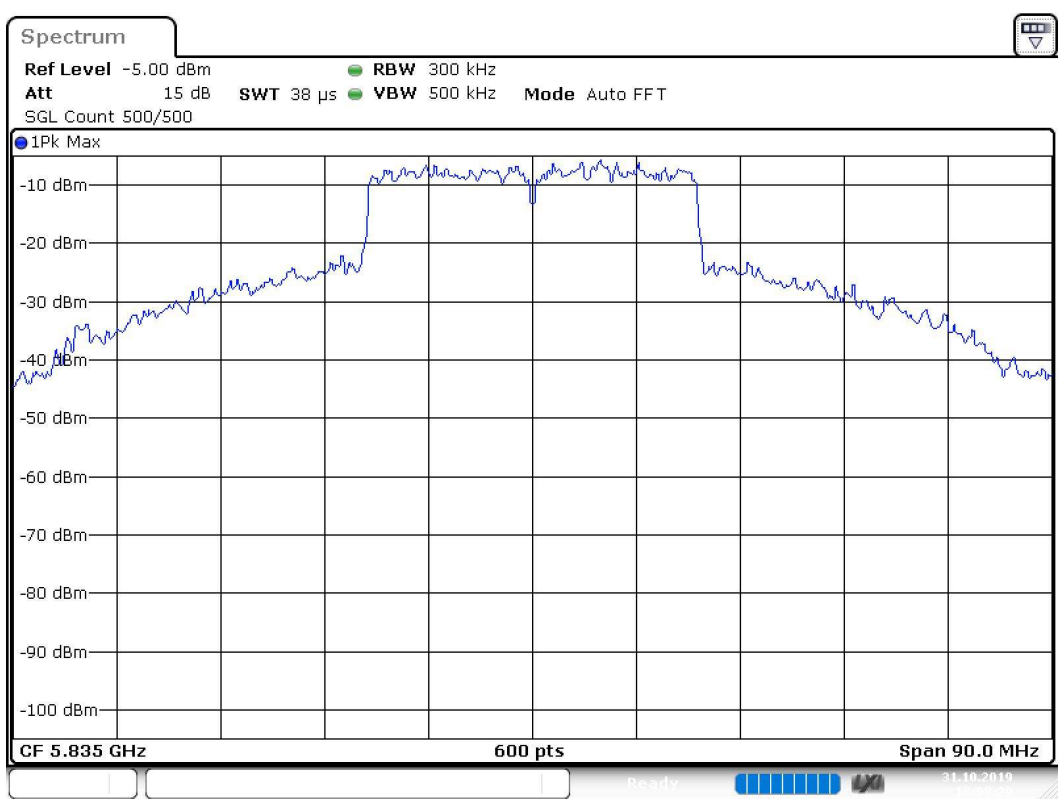
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	10.7	PASS

26 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 18:08:30

RF output power (5835 MHz; _____ (30 dBm); 30 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
5835.000000	29.1	---	29.1	99.606	PASS

Power Spectral Density (5835 MHz; _____ (30 dBm); 30 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
5835.000000	5836.125000	6.791	30.0	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Minimum Emission Bandwidth 6 dB (5835 MHz; _____ (30 dBm); 30 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

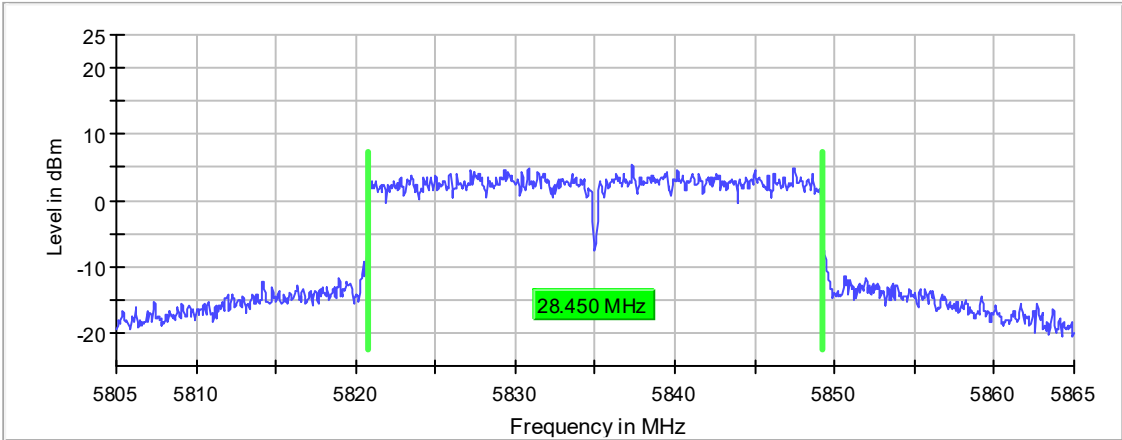
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	28.450000	0.500000	---	5820.775000	5849.225000

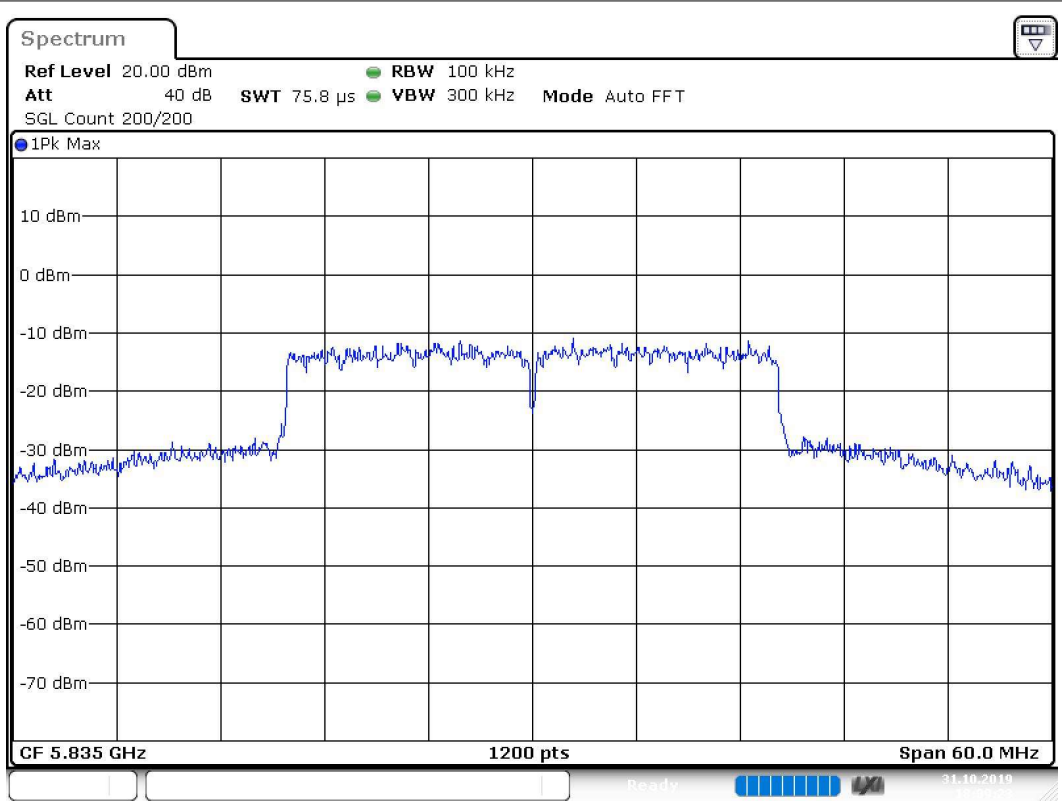
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	5.4	PASS

6 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 18:09:23

Occupied Channel Bandwidth 99% (5835 MHz; _____ (30 dBm); 30 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

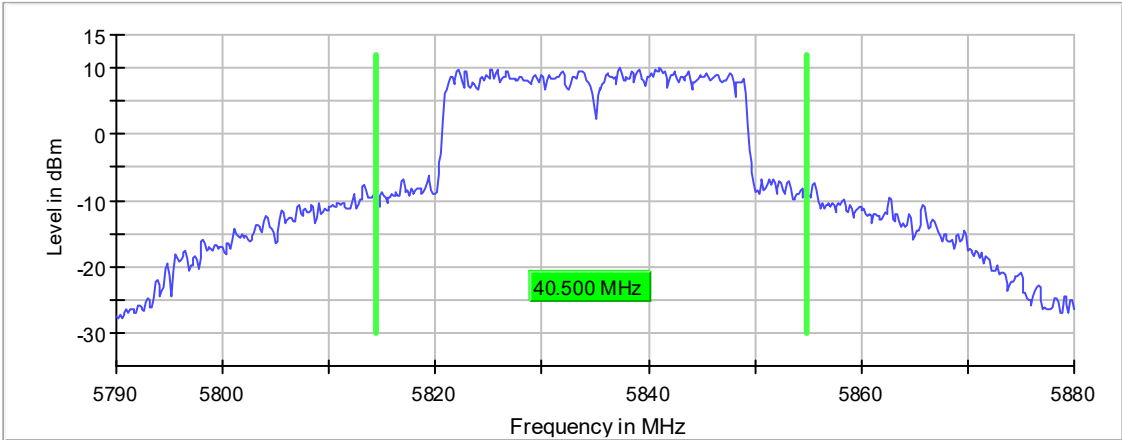
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	40.500000	---	---	5814.375000	5854.875000

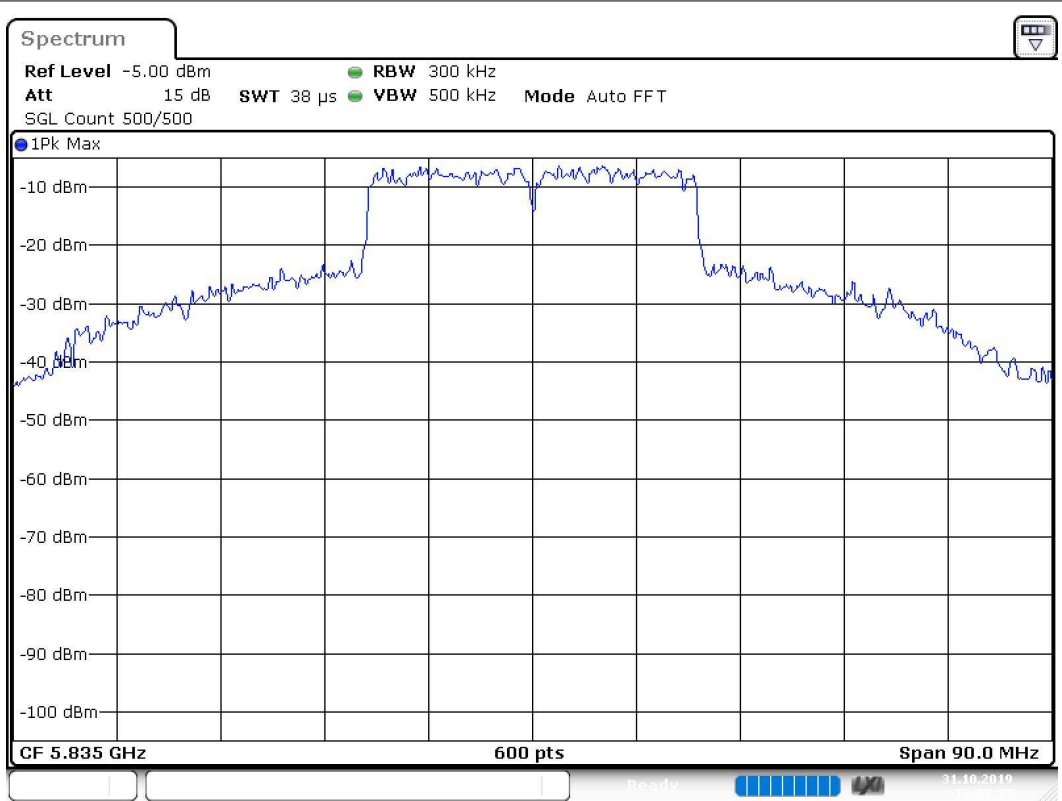
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
5835.000000	PASS

99 % Bandwidth



Bandwidth



Date: 31.OCT.2019 18:09:35

Tx Spurious Emission (5835 MHz; _____ (30 dBm); 30 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
5835.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5924.750000	-25.0	-40.9	-26.8	14.0	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5924.750000	-25.0	-1.8	-26.8
5925.750000	-26.4	-0.6	-27.0
5924.250000	-27.6	1.1	-26.4
5927.750000	-28.5	1.5	-27.0
5926.250000	-28.5	1.5	-27.0
79.025000	-61.5	1.6	-59.9
54.525000	-61.5	1.6	-59.9
37.475000	-61.6	1.7	-59.9
46.775000	-61.6	1.7	-59.9
5938.750000	-28.8	1.8	-27.0
61.525000	-61.7	1.8	-59.9
54.575000	-61.7	1.8	-59.9
37.825000	-61.8	1.9	-59.9
74.975000	-61.8	1.9	-59.9
68.125000	-61.8	1.9	-59.9

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1000.000000	1	1
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

Emissions in restricted frequency bands (Average) (5835 MHz; _____ (30 dBm); 30 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
5835.000000	PASS

Final measurements

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

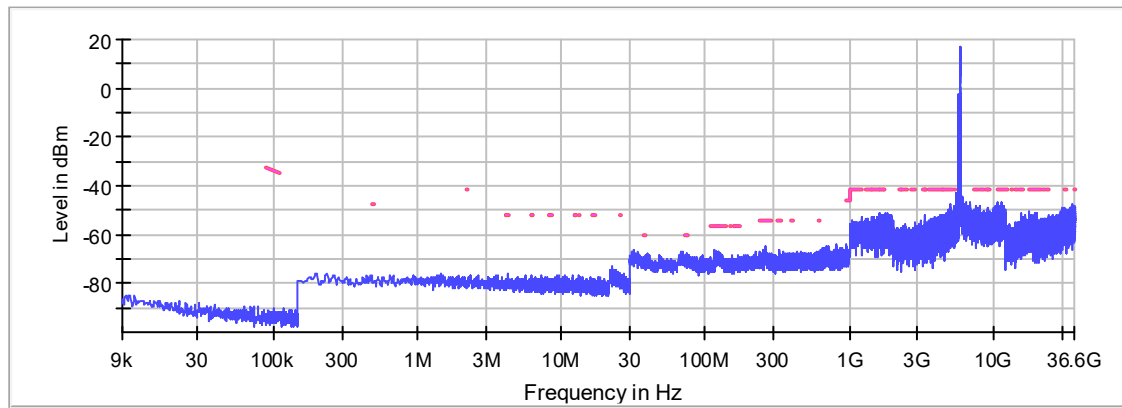
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
11600.750000	-47.0	5.8	-41.2
4975.250000	-47.7	6.5	-41.2
10611.750000	-47.7	6.5	-41.2
10611.250000	-47.7	6.5	-41.2
11622.250000	-47.9	6.7	-41.2
11909.250000	-48.0	6.8	-41.2
36469.750000	-48.0	6.8	-41.2
11888.250000	-48.1	6.9	-41.2
5354.250000	-48.1	6.9	-41.2
10603.750000	-48.3	7.1	-41.2
10607.750000	-48.4	7.2	-41.2
8097.750000	-48.4	7.2	-41.2
11187.750000	-48.5	7.3	-41.2
7537.250000	-48.6	7.4	-41.2
11870.750000	-48.6	7.4	-41.2

Measurement Settings

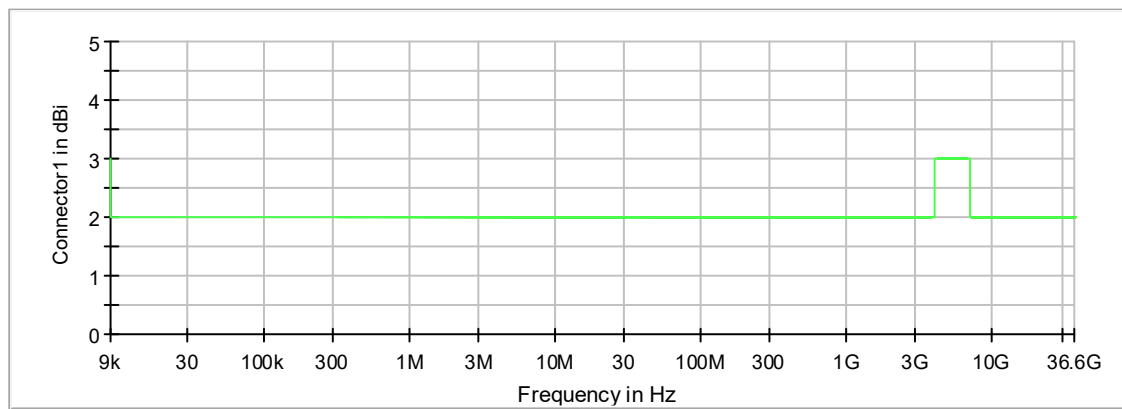
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

Restricted Band



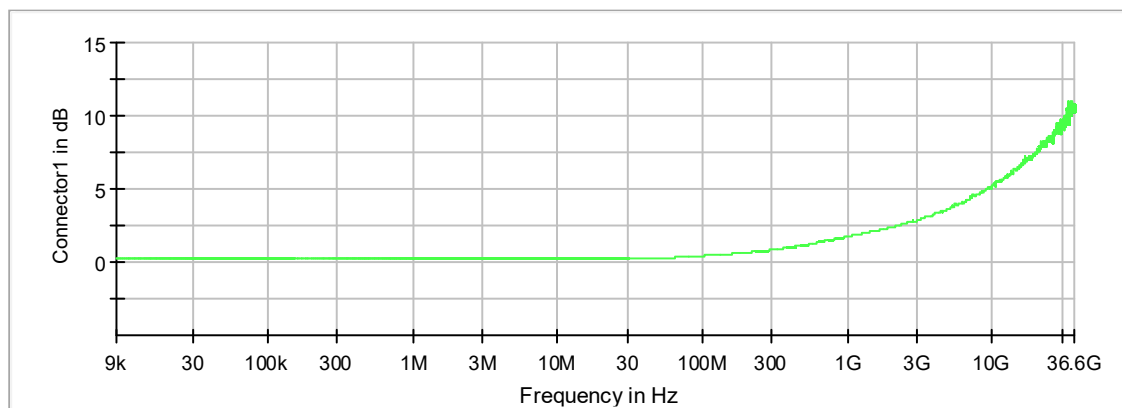
— Limit — Threshold × Critical — Sum Level × Final Critical

Gain



— Connector1

Attenuation



— Connector1

Emissions in restricted frequency bands (Average)(2) (5835 MHz; _____ (30 dBm); 30 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
5835.000000	PASS

Final measurements

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

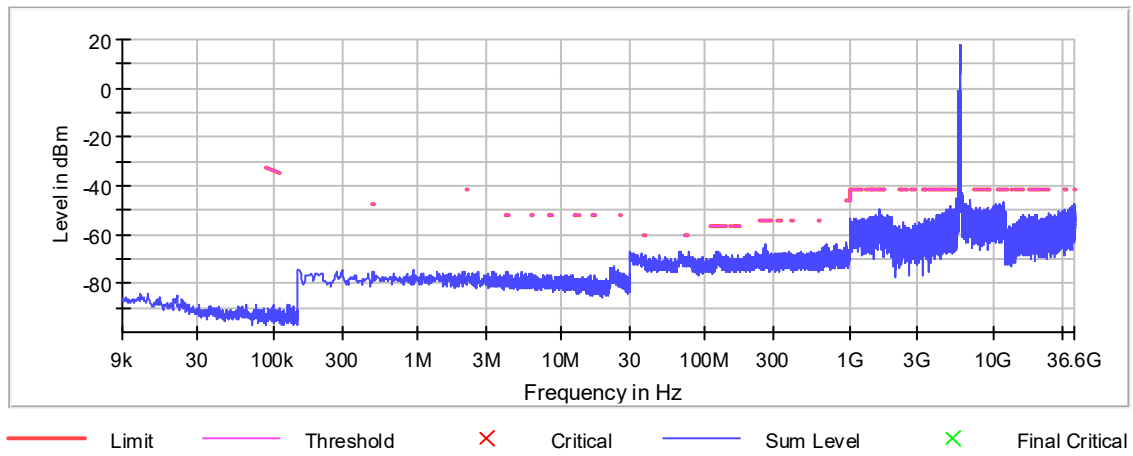
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
11759.750000	-47.1	5.9	-41.2
11205.750000	-47.5	6.3	-41.2
36448.250000	-47.7	6.5	-41.2
36434.250000	-48.0	6.8	-41.2
11828.750000	-48.2	7.0	-41.2
11265.250000	-48.3	7.1	-41.2
4992.750000	-48.4	7.2	-41.2
11237.750000	-48.4	7.2	-41.2
36437.250000	-48.4	7.2	-41.2
4992.250000	-48.5	7.3	-41.2
36433.750000	-48.6	7.4	-41.2
11878.250000	-48.6	7.4	-41.2
10624.750000	-48.7	7.5	-41.2
11201.750000	-48.7	7.5	-41.2
36436.750000	-48.7	7.5	-41.2

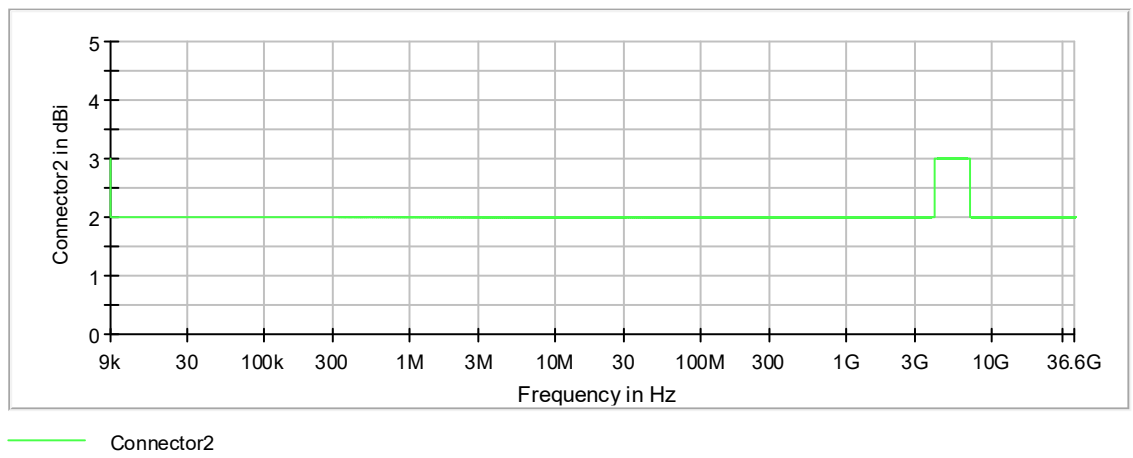
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

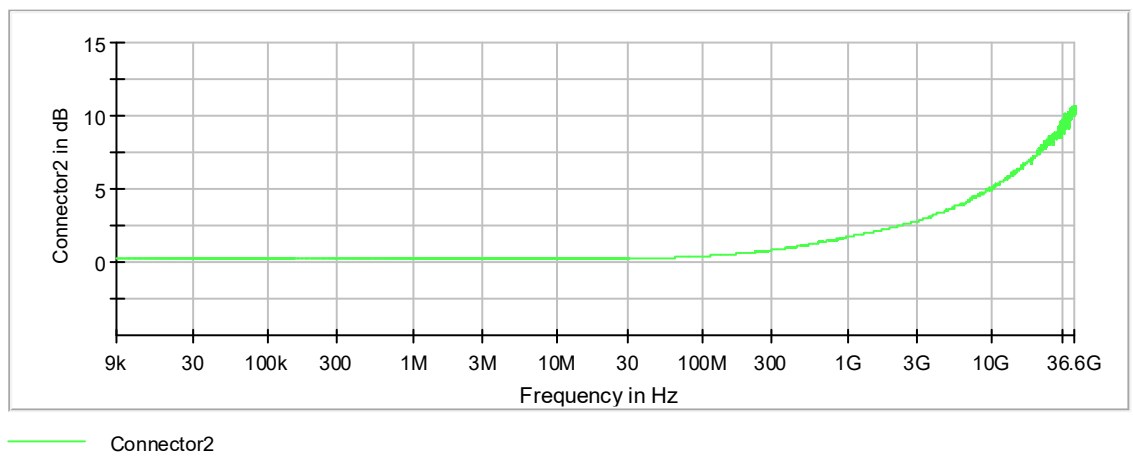
Restricted Band



Gain



Attenuation



Emission Bandwidth 26 dB (5745 MHz; _____ (30 dBm); 40 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

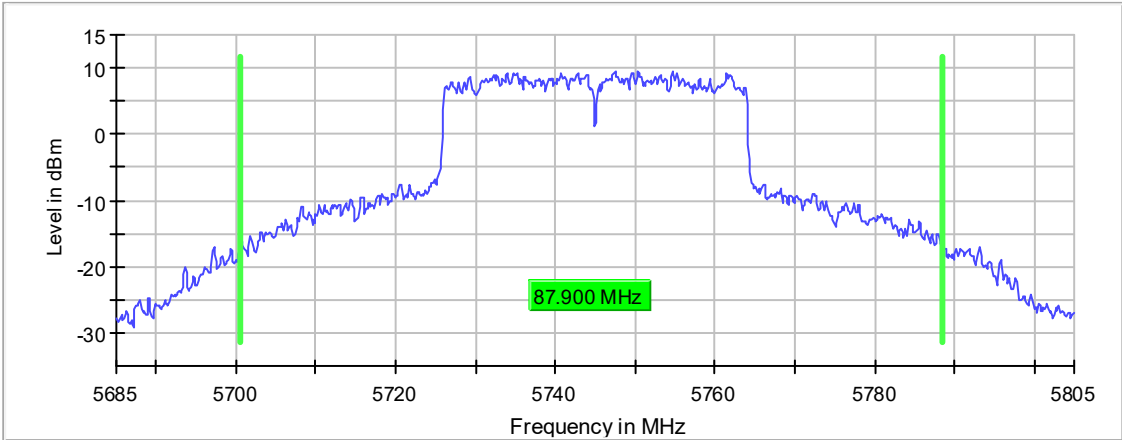
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	87.900000	---	---	5700.525000	5788.425000

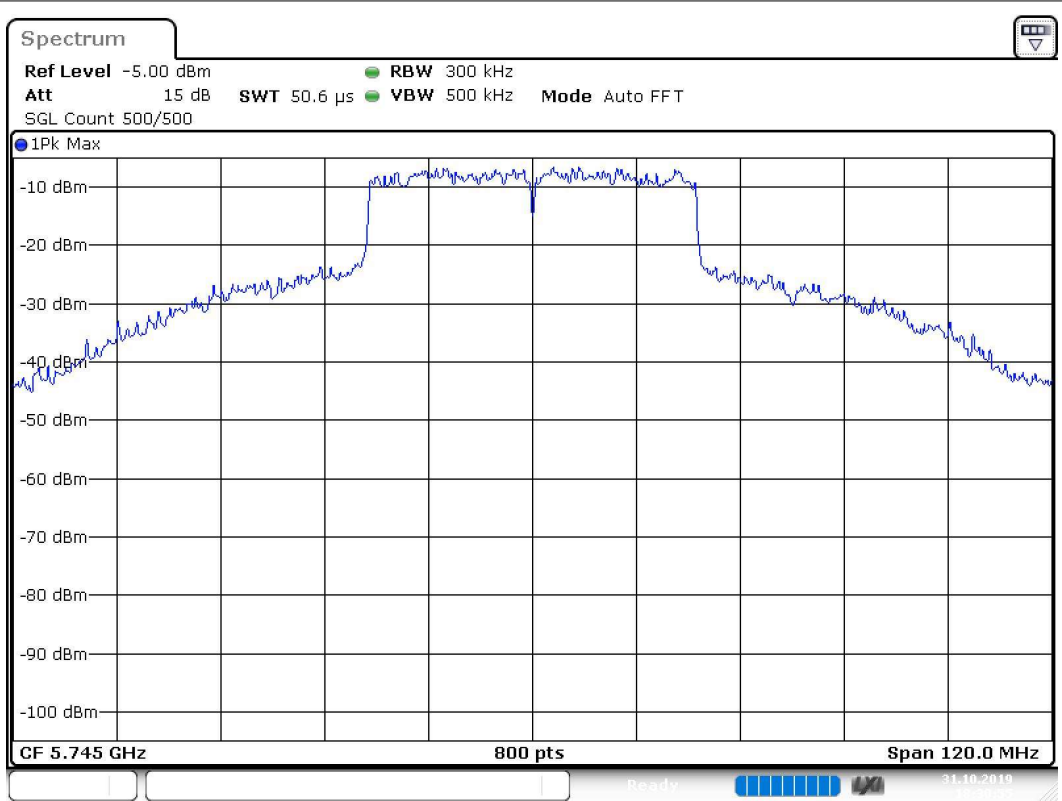
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	9.6	PASS

26 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 18:30:56

RF output power (5745 MHz; _____ (30 dBm); 40 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
5745.000000	29.5	---	29.5	99.490	PASS

Power Spectral Density (5745 MHz; _____ (30 dBm); 40 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
5745.000000	5747.625000	8.008	30.0	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Minimum Emission Bandwidth 6 dB (5745 MHz; _____ (30 dBm); 40 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

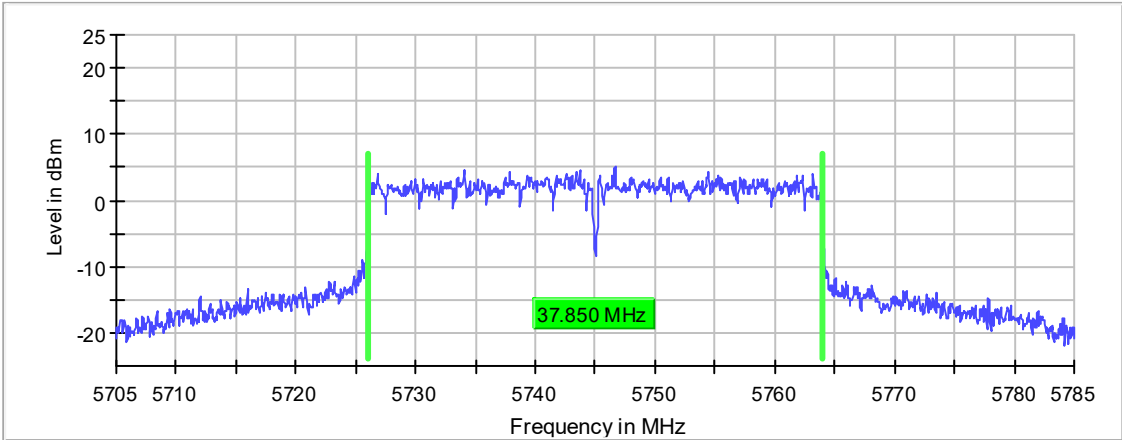
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	37.850000	0.500000	---	5726.075000	5763.925000

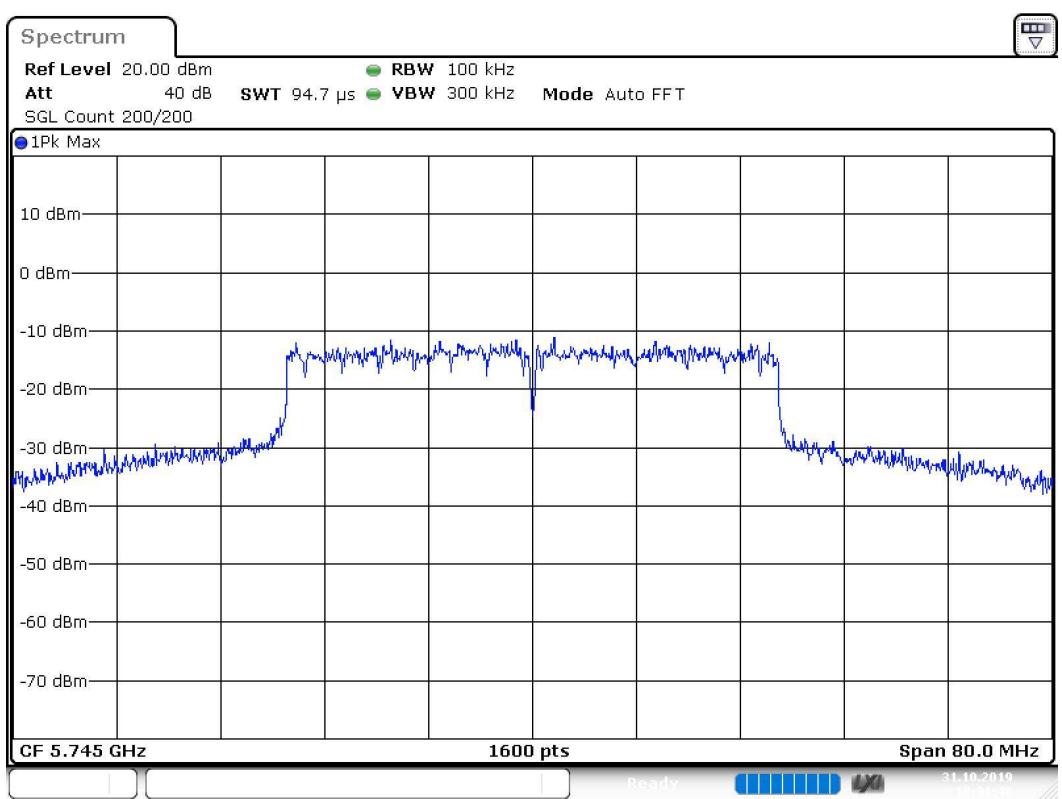
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	5.0	PASS

6 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 18:31:49

Occupied Channel Bandwidth 99% (5745 MHz; _____ (30 dBm); 40 MHz)

Customized settings.

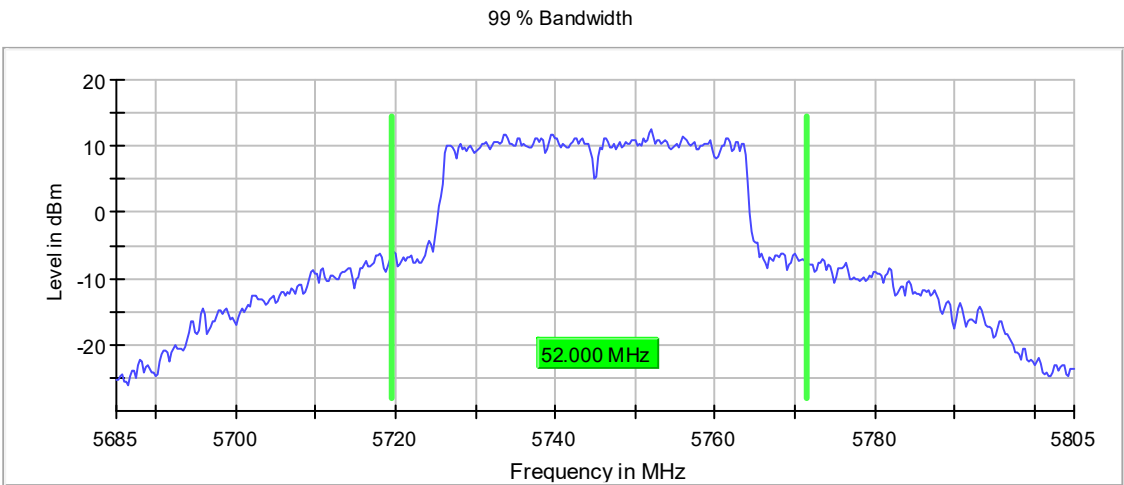
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

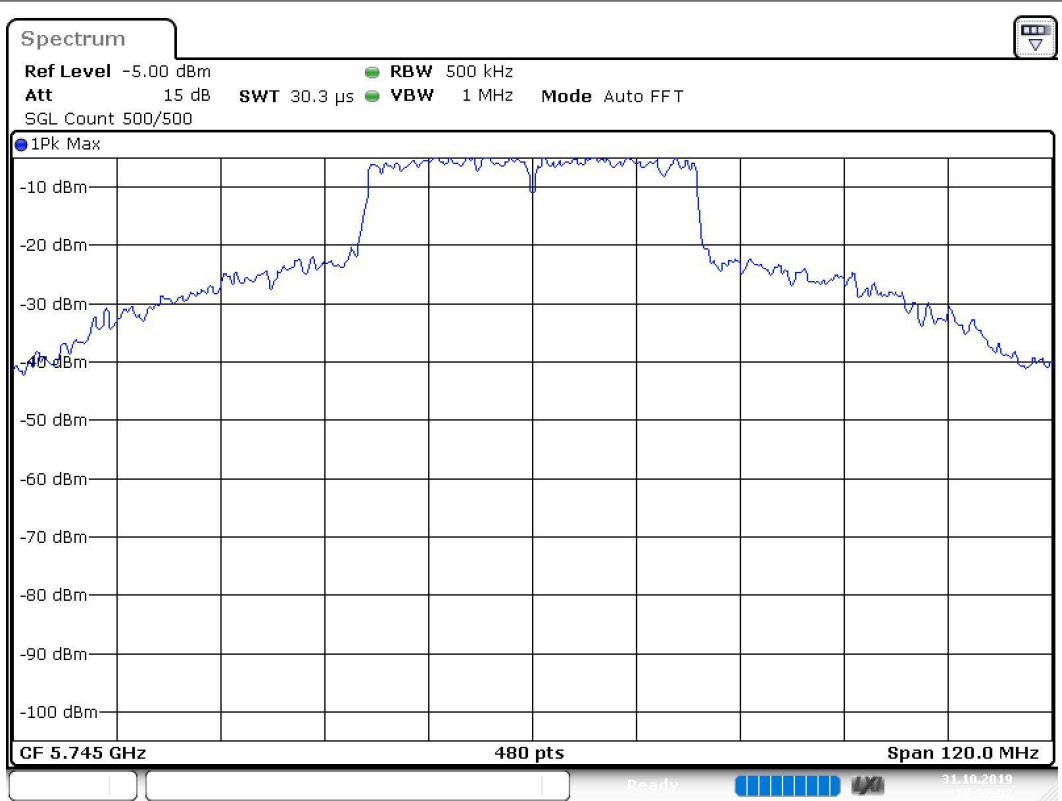
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	52.000000	---	---	5719.375000	5771.375000

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

DUT Frequency (MHz)	Result
5745.000000	PASS



Bandwidth



Date: 31.OCT.2019 18:32:02

Tx Spurious Emission (5745 MHz; _____ (30 dBm); 40 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
5745.000000	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)
5653.250000	-25.4	0.8	-24.6
5652.750000	-25.8	0.8	-25.0
40.725000	-61.0	1.1	-59.9
5646.750000	-28.4	1.4	-27.0
5646.250000	-28.6	1.6	-27.0
76.925000	-61.6	1.7	-59.9
74.025000	-61.7	1.8	-59.9
43.725000	-61.8	1.9	-59.9
72.525000	-61.9	2.0	-59.9
85.025000	-61.9	2.0	-59.9
85.625000	-61.9	2.0	-59.9
54.225000	-61.9	2.0	-59.9
82.375000	-61.9	2.0	-59.9
51.675000	-61.9	2.0	-59.9
5648.250000	-29.1	2.1	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1000.000000	1	1
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

Emissions in restricted frequency bands (Average) (5745 MHz; _____ (30 dBm); 40 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
5745.000000	PASS

Final measurements

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

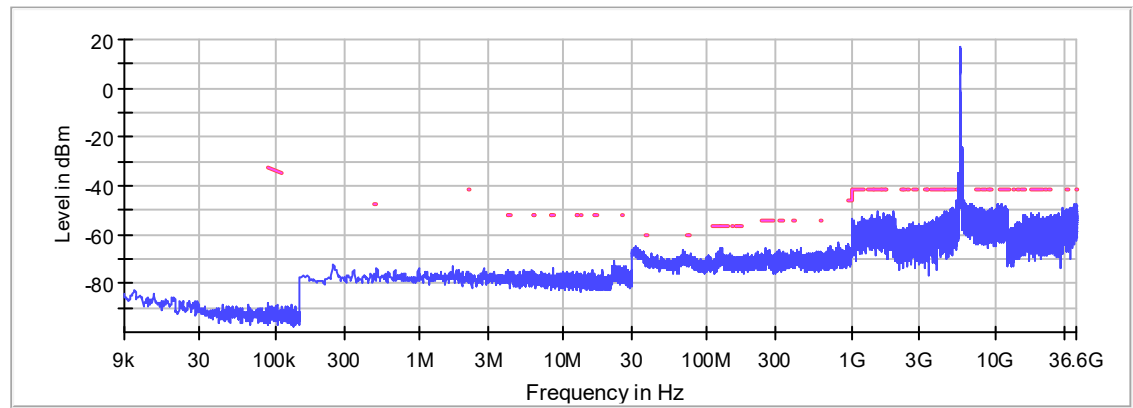
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5409.250000	-46.0	4.8	-41.2
5409.750000	-47.3	6.1	-41.2
5398.750000	-47.3	6.1	-41.2
5435.750000	-47.4	6.2	-41.2
5399.250000	-47.4	6.2	-41.2
11250.750000	-47.5	6.3	-41.2
5418.250000	-47.6	6.4	-41.2
11213.750000	-47.8	6.6	-41.2
5418.750000	-47.8	6.6	-41.2
5426.250000	-47.9	6.7	-41.2
5430.750000	-48.0	6.8	-41.2
5410.250000	-48.0	6.8	-41.2
36492.750000	-48.0	6.8	-41.2
36493.750000	-48.2	7.0	-41.2
10671.750000	-48.3	7.1	-41.2

Measurement Settings

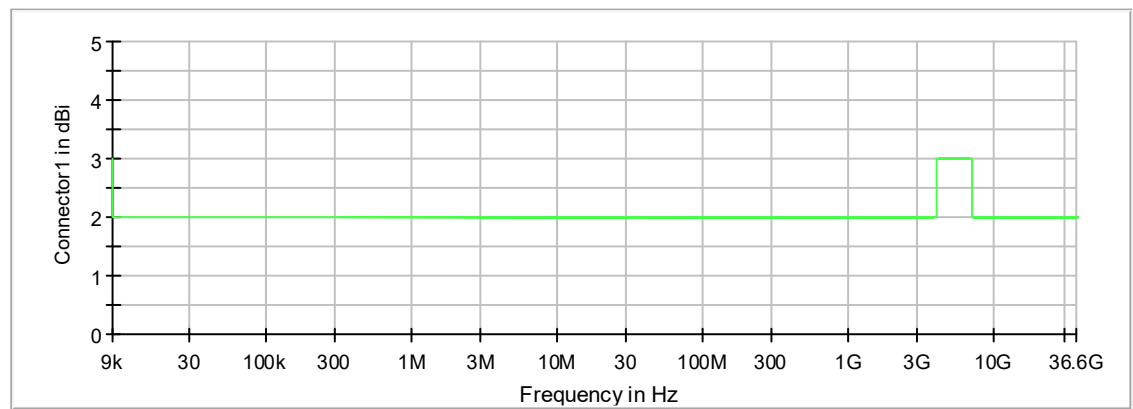
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

Restricted Band



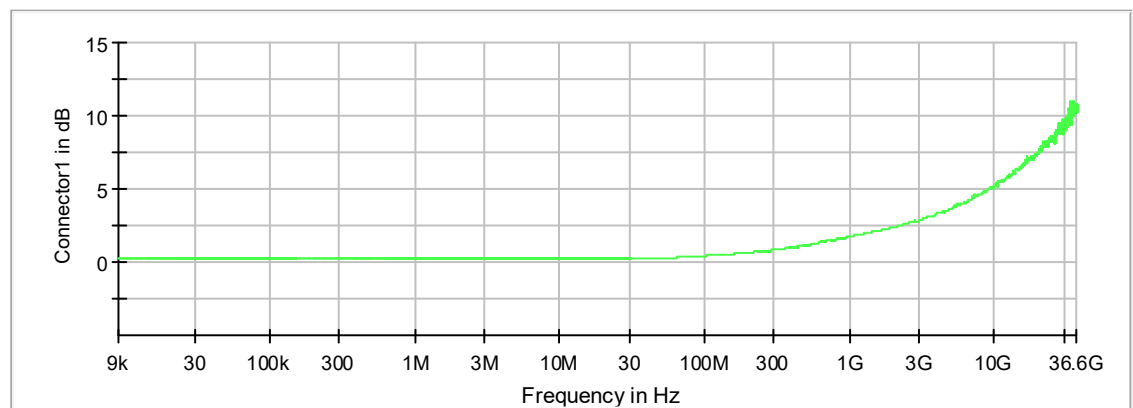
— Limit — Threshold × Critical — Sum Level × Final Critical

Gain



— Connector1

Attenuation



— Connector1

Emissions in restricted frequency bands (Average)(2) (5745 MHz; _____ (30 dBm); 40 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
5745.000000	PASS

Final measurements

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

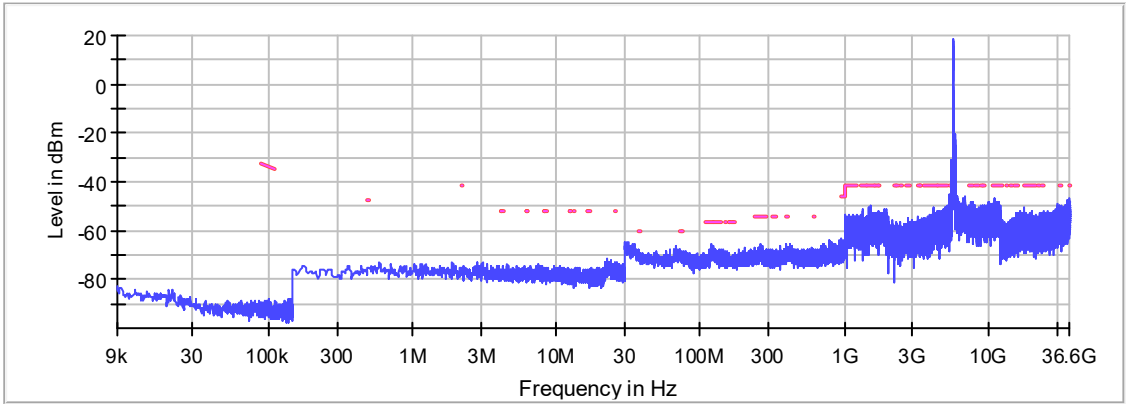
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5426.750000	-45.2	4.0	-41.2
5416.250000	-45.2	4.0	-41.2
5426.250000	-45.2	4.0	-41.2
5415.750000	-46.2	5.0	-41.2
5428.750000	-46.3	5.1	-41.2
5428.250000	-46.4	5.2	-41.2
36477.250000	-46.6	5.4	-41.2
5433.250000	-46.6	5.4	-41.2
11227.250000	-46.8	5.6	-41.2
5433.750000	-47.1	5.9	-41.2
5420.750000	-47.1	5.9	-41.2
5407.750000	-47.2	6.0	-41.2
11205.750000	-47.3	6.1	-41.2
5429.250000	-47.4	6.2	-41.2
5411.750000	-47.4	6.2	-41.2

Measurement Settings

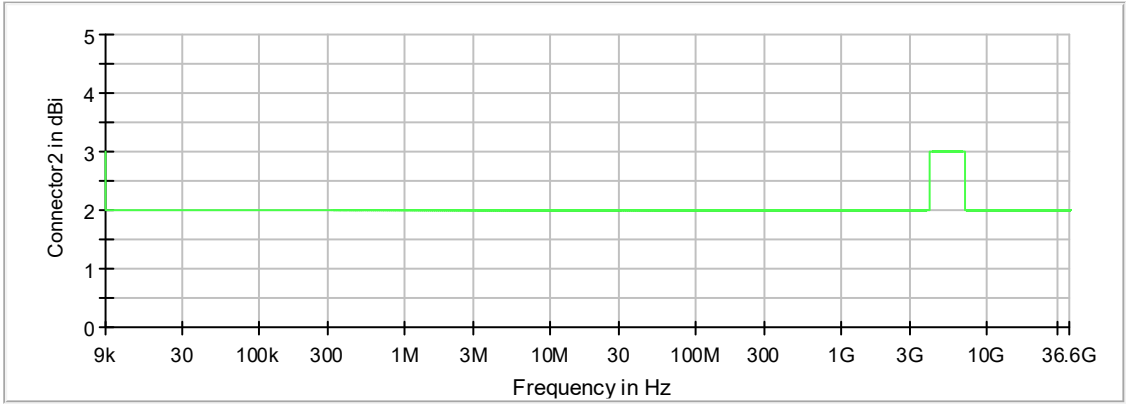
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

Restricted Band



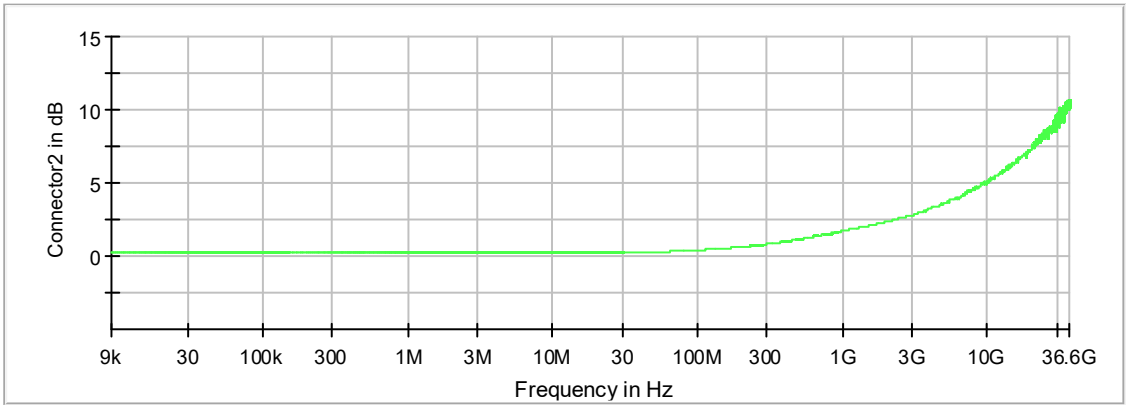
— Limit — Threshold × Critical — Sum Level × Final Critical

Gain



— Connector2

Attenuation



— Connector2

Emission Bandwidth 26 dB (5790 MHz; _____ (30 dBm); 40 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

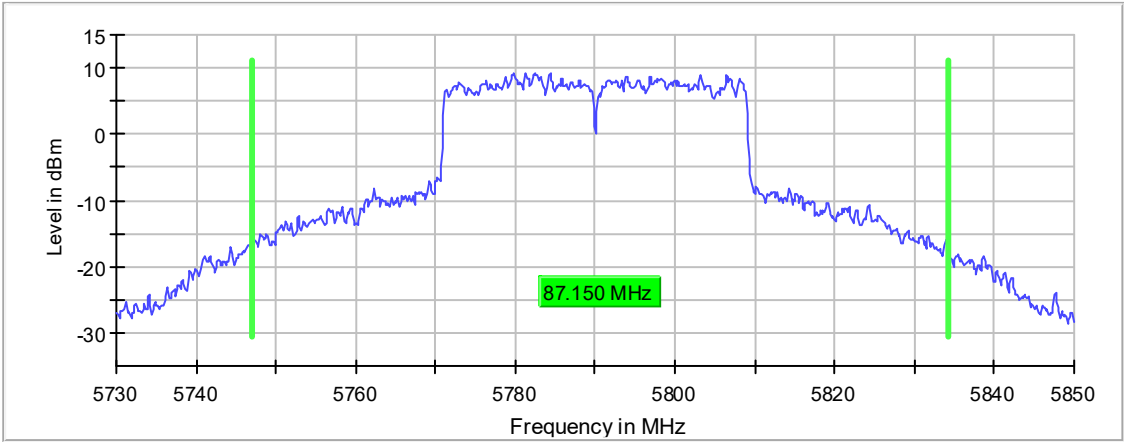
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	87.150000	---	---	5747.025000	5834.175000

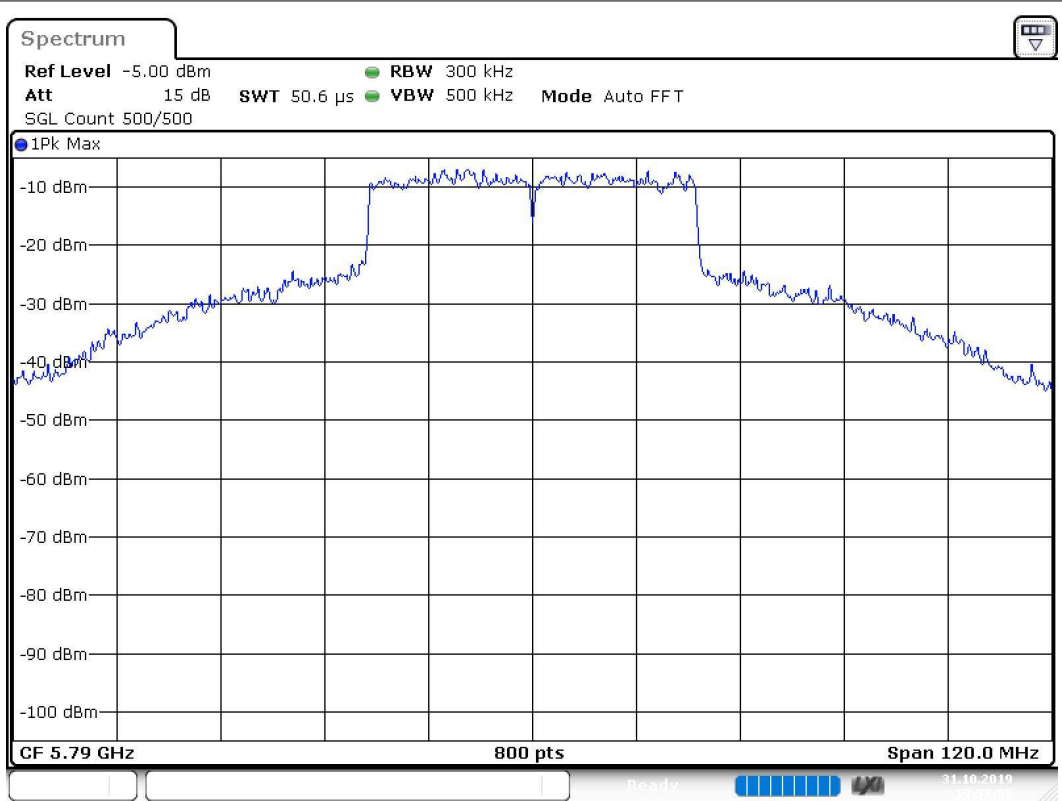
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	9.2	PASS

26 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 19:57:07

RF output power (5790 MHz; _____ (30 dBm); 40 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
5790.000000	29.3	---	29.3	99.491	PASS

Power Spectral Density (5790 MHz; _____ (30 dBm); 40 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
5790.000000	5794.125000	7.620	30.0	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Minimum Emission Bandwidth 6 dB (5790 MHz; _____ (30 dBm); 40 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

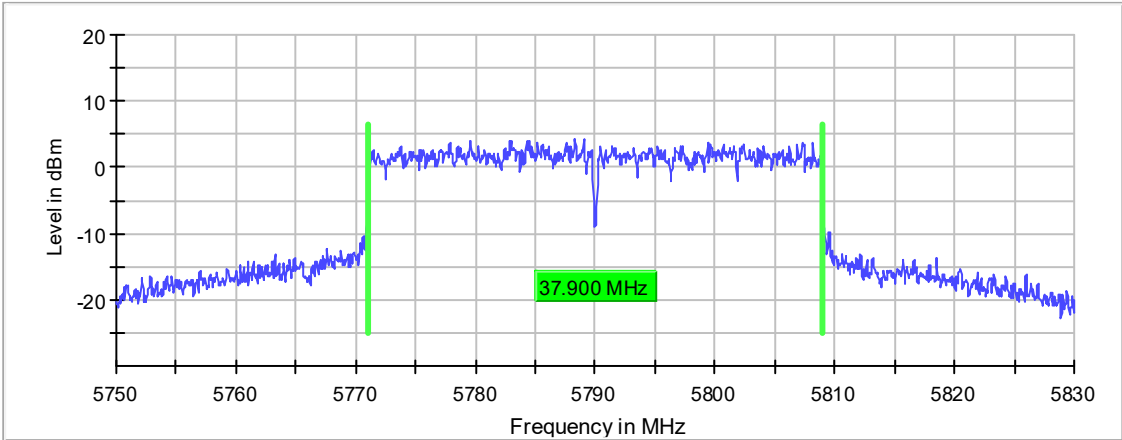
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	37.900000	0.500000	---	5771.075000	5808.975000

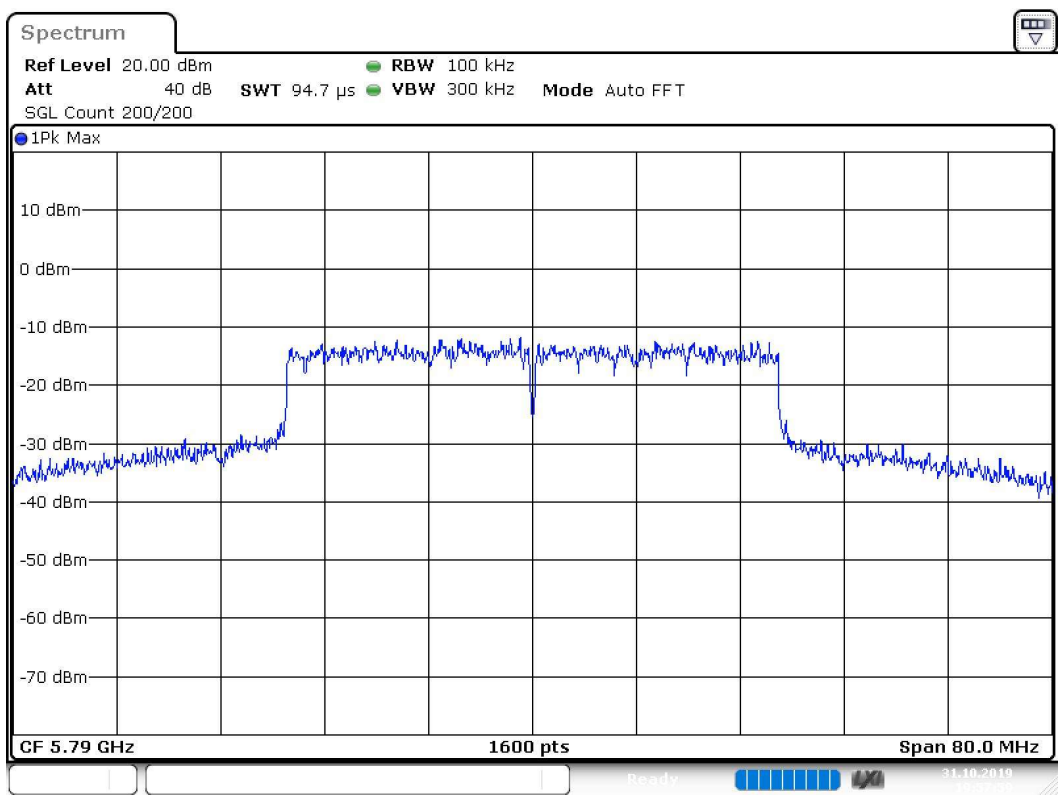
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	4.3	PASS

6 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 19:58:00

Occupied Channel Bandwidth 99% (5790 MHz; _____ (30 dBm); 40 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

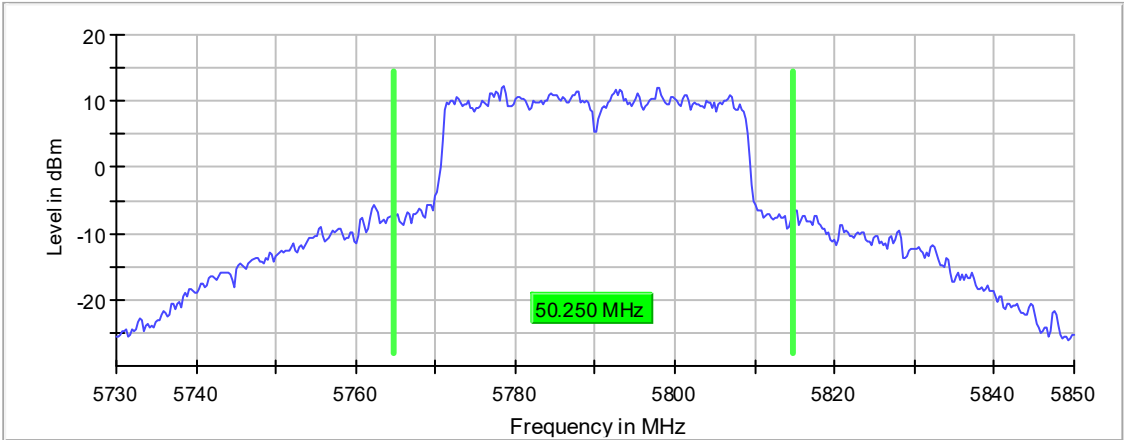
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	50.250000	---	---	5764.625000	5814.875000

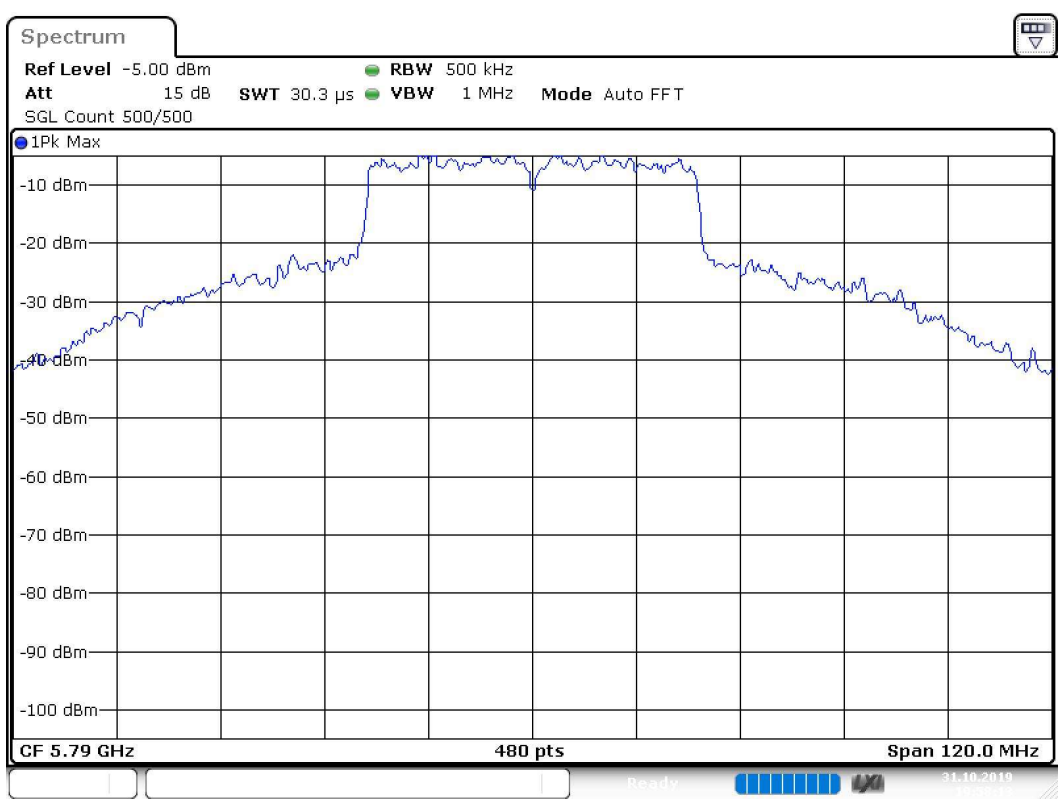
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
5790.000000	PASS

99 % Bandwidth



Bandwidth



Date: 31.OCT.2019 19:58:14

Tx Spurious Emission (5790 MHz; _____ (30 dBm); 40 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
5790.000000	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)
69.325000	-61.5	1.6	-59.9
71.775000	-61.5	1.6	-59.9
70.025000	-61.6	1.7	-59.9
71.725000	-61.7	1.8	-59.9
69.125000	-61.7	1.8	-59.9
37.375000	-61.8	1.9	-59.9
56.375000	-61.8	1.9	-59.9
46.875000	-61.9	2.0	-59.9
56.675000	-61.9	2.0	-59.9
54.875000	-62.0	2.1	-59.9
33.075000	-62.1	2.2	-59.9
70.875000	-62.1	2.2	-59.9
52.925000	-62.2	2.3	-59.9
37.725000	-62.2	2.3	-59.9
33.375000	-62.2	2.3	-59.9

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1000.000000	1	1
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

Emissions in restricted frequency bands (Average) (5790 MHz; _____ (30 dBm); 40 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
5790.000000	PASS

Final measurements

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

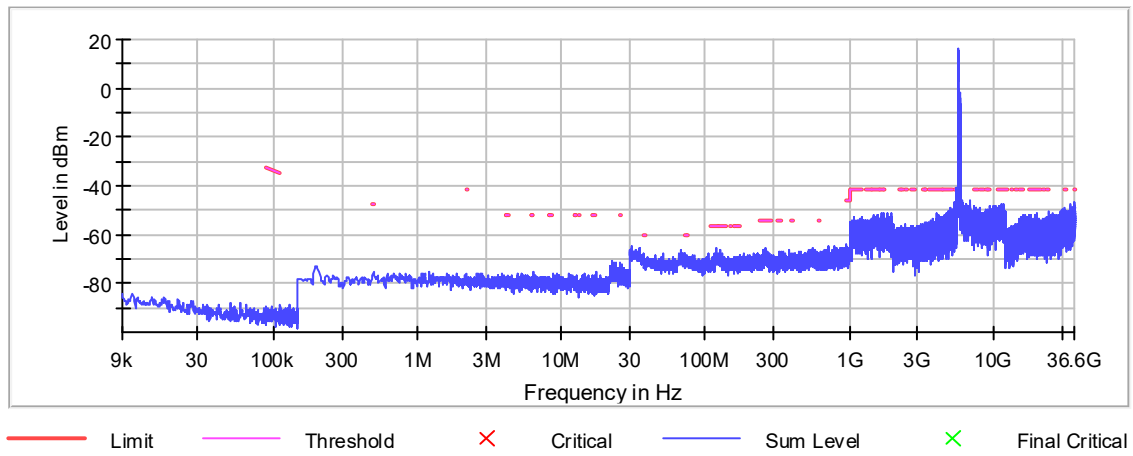
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5457.750000	-46.7	5.5	-41.2
5457.250000	-47.2	6.0	-41.2
11274.250000	-47.5	6.3	-41.2
5456.750000	-47.5	6.3	-41.2
5459.750000	-47.6	6.4	-41.2
5419.250000	-47.8	6.6	-41.2
11968.750000	-47.8	6.6	-41.2
11961.750000	-47.9	6.7	-41.2
36468.250000	-48.1	6.9	-41.2
11249.250000	-48.2	7.0	-41.2
11244.250000	-48.2	7.0	-41.2
11542.750000	-48.3	7.1	-41.2
36449.750000	-48.4	7.2	-41.2
11233.750000	-48.5	7.3	-41.2
11293.250000	-48.5	7.3	-41.2

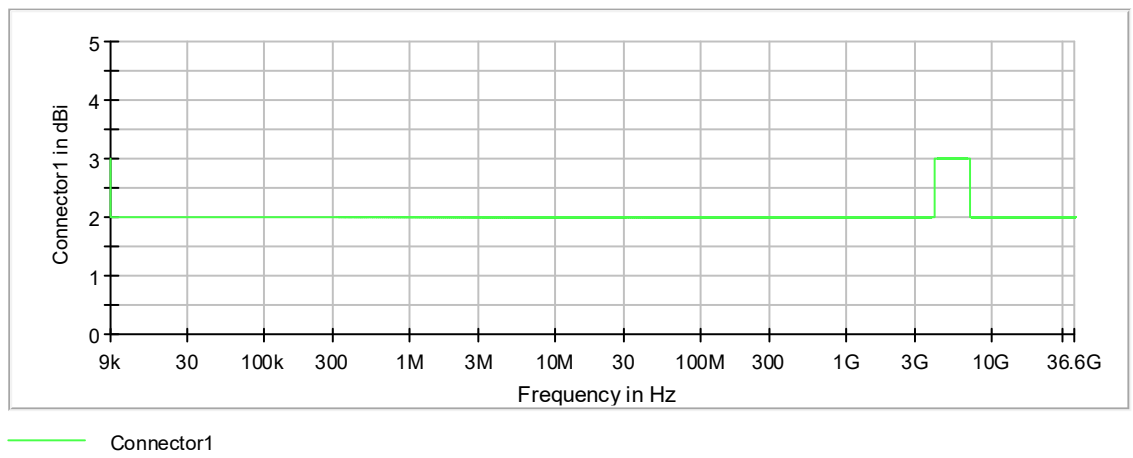
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

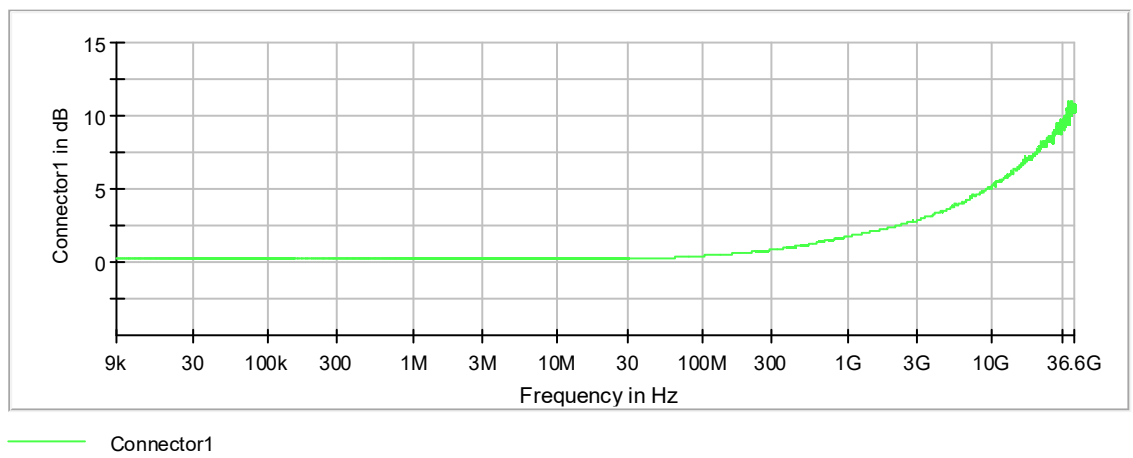
Restricted Band



Gain



Attenuation



Emissions in restricted frequency bands (Average)(2) (5790 MHz; _____ (30 dBm); 40 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
5790.000000	PASS

Final measurements

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

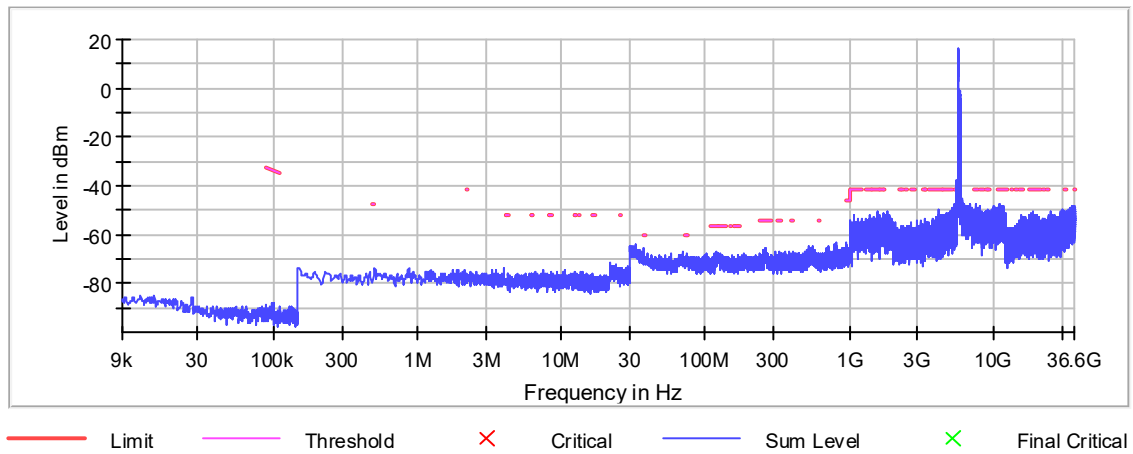
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
10949.750000	-47.6	6.4	-41.2
11168.250000	-47.8	6.6	-41.2
7551.250000	-47.8	6.6	-41.2
5452.250000	-47.8	6.6	-41.2
7540.750000	-47.9	6.7	-41.2
11257.250000	-47.9	6.7	-41.2
11215.750000	-48.1	6.9	-41.2
11212.750000	-48.4	7.2	-41.2
11674.750000	-48.4	7.2	-41.2
11205.750000	-48.5	7.3	-41.2
7504.750000	-48.5	7.3	-41.2
36478.250000	-48.6	7.4	-41.2
8051.250000	-48.6	7.4	-41.2
11576.750000	-48.6	7.4	-41.2
11227.750000	-48.7	7.5	-41.2

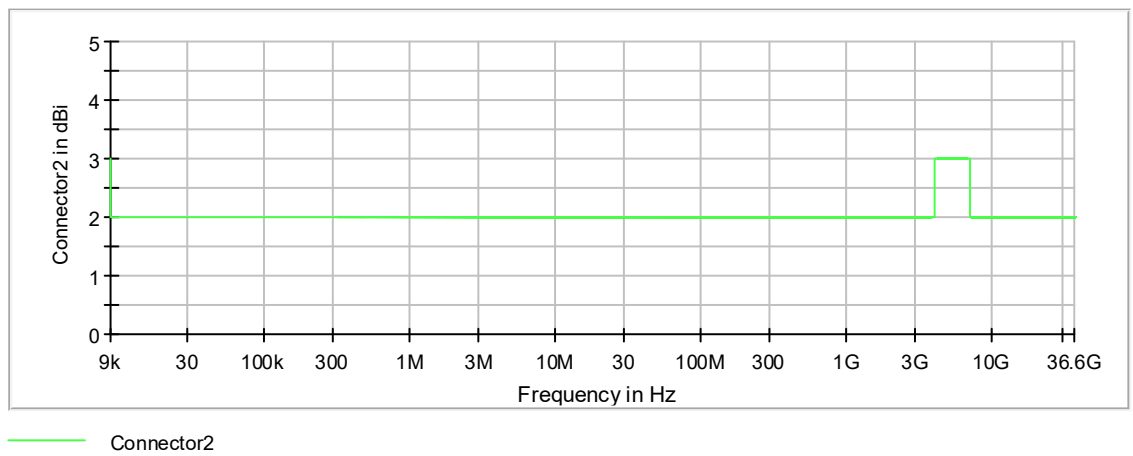
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

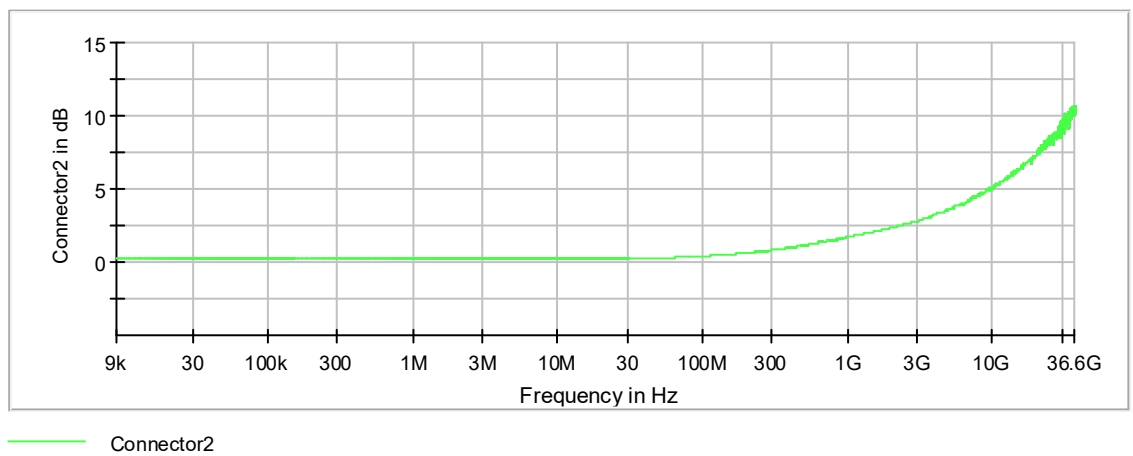
Restricted Band



Gain



Attenuation



Emission Bandwidth 26 dB (5830 MHz; _____ (30 dBm); 40 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

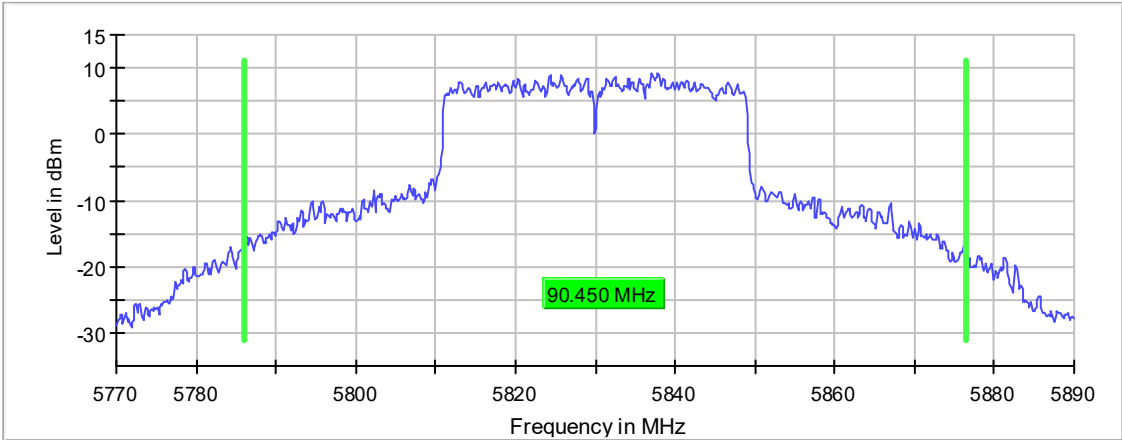
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5830.000000	90.450000	---	---	5785.975000	5876.425000

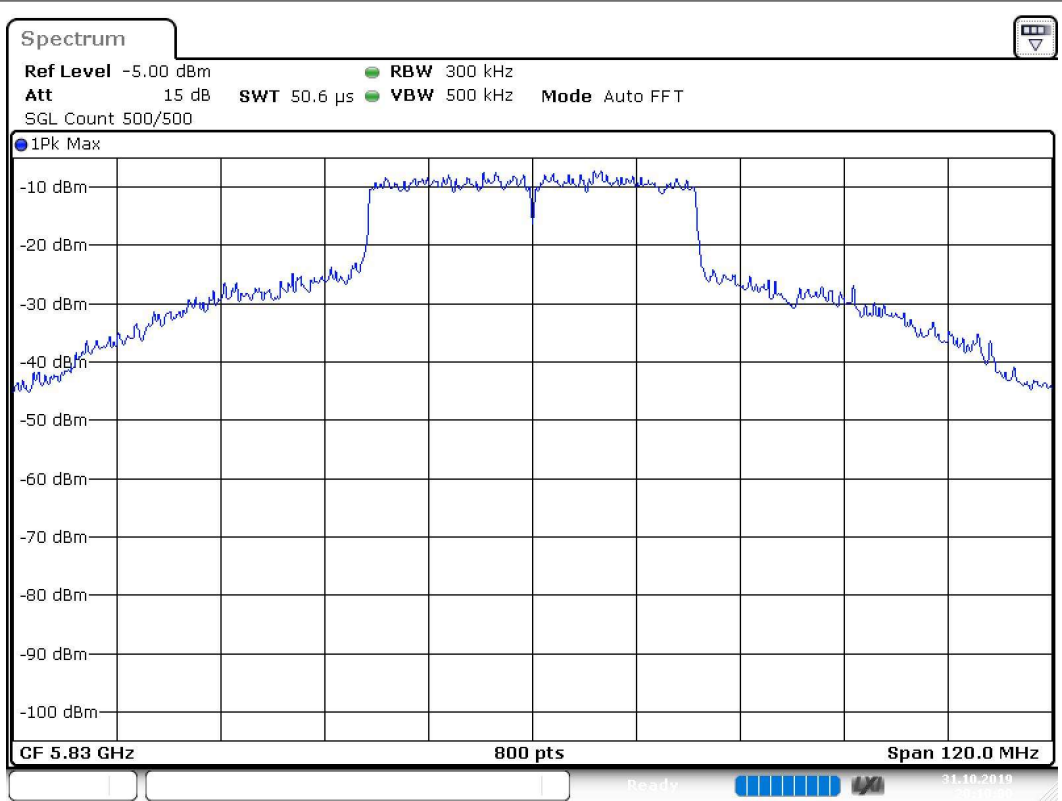
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5830.000000	9.2	PASS

26 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 20:10:01

RF output power (5830 MHz; _____ (30 dBm); 40 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
5830.000000	29.1	---	29.1	99.492	PASS

Power Spectral Density (5830 MHz; _____ (30 dBm); 40 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
5830.000000	5835.375000	7.157	30.0	PASS

Ports

Port	Duty Cycle (%)
1	0.000
2	0.000

Minimum Emission Bandwidth 6 dB (5830 MHz; _____ (30 dBm); 40 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

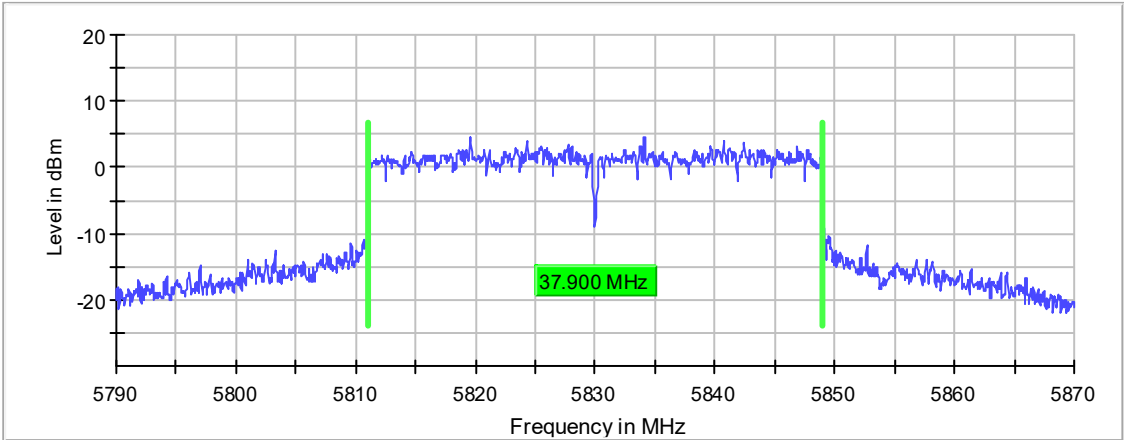
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5830.000000	37.900000	0.500000	---	5811.075000	5848.975000

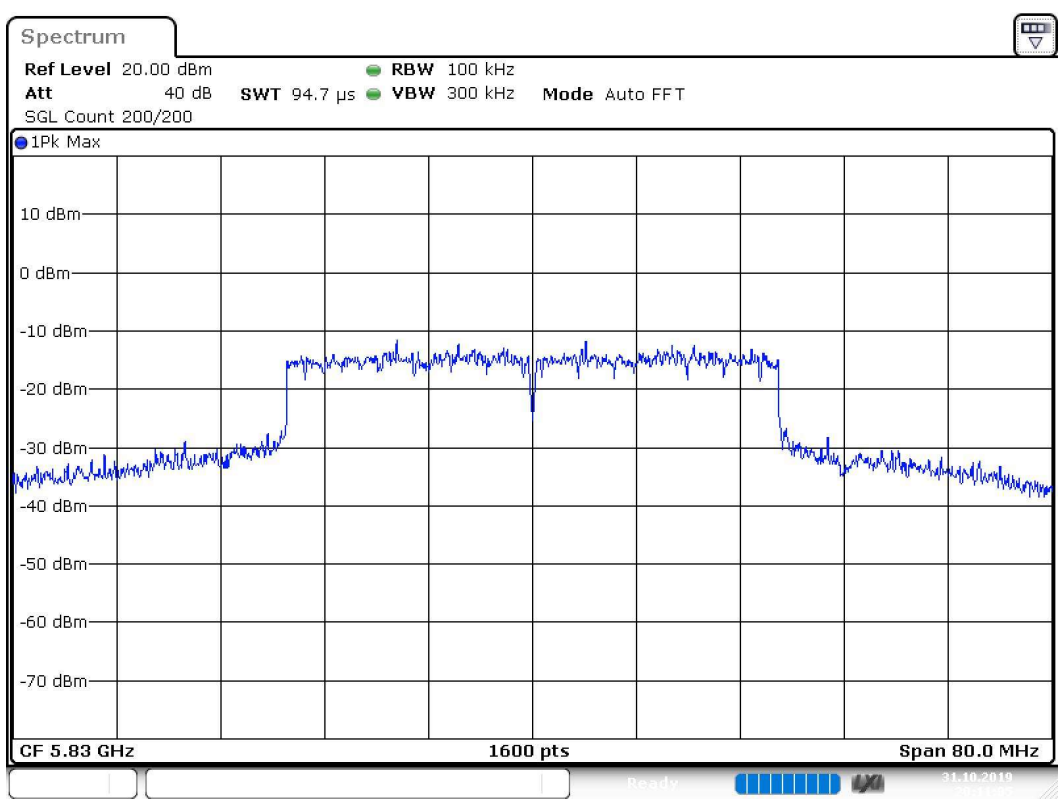
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5830.000000	4.6	PASS

6 dB Bandwidth



Bandwidth



Date: 31.OCT.2019 20:11:06

Occupied Channel Bandwidth 99% (5830 MHz; _____ (30 dBm); 40 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

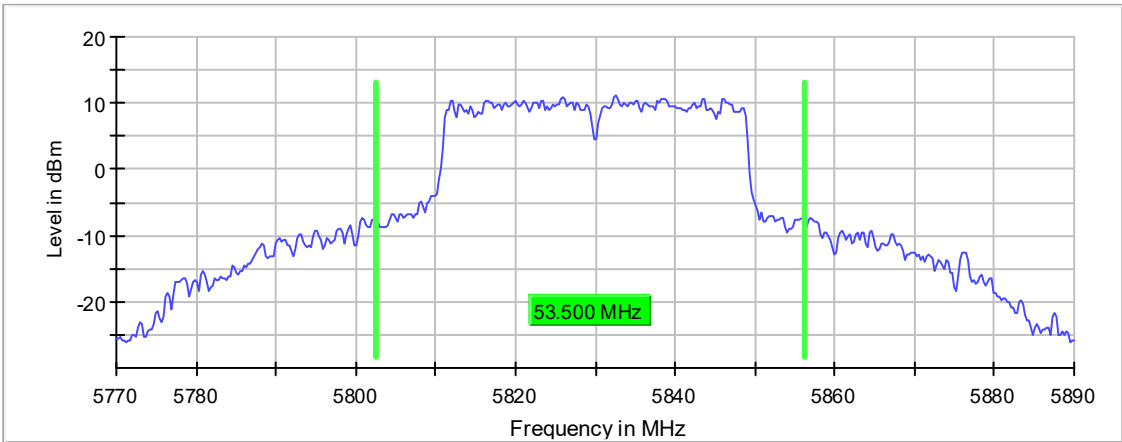
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5830.000000	53.500000	---	---	5802.625000	5856.125000

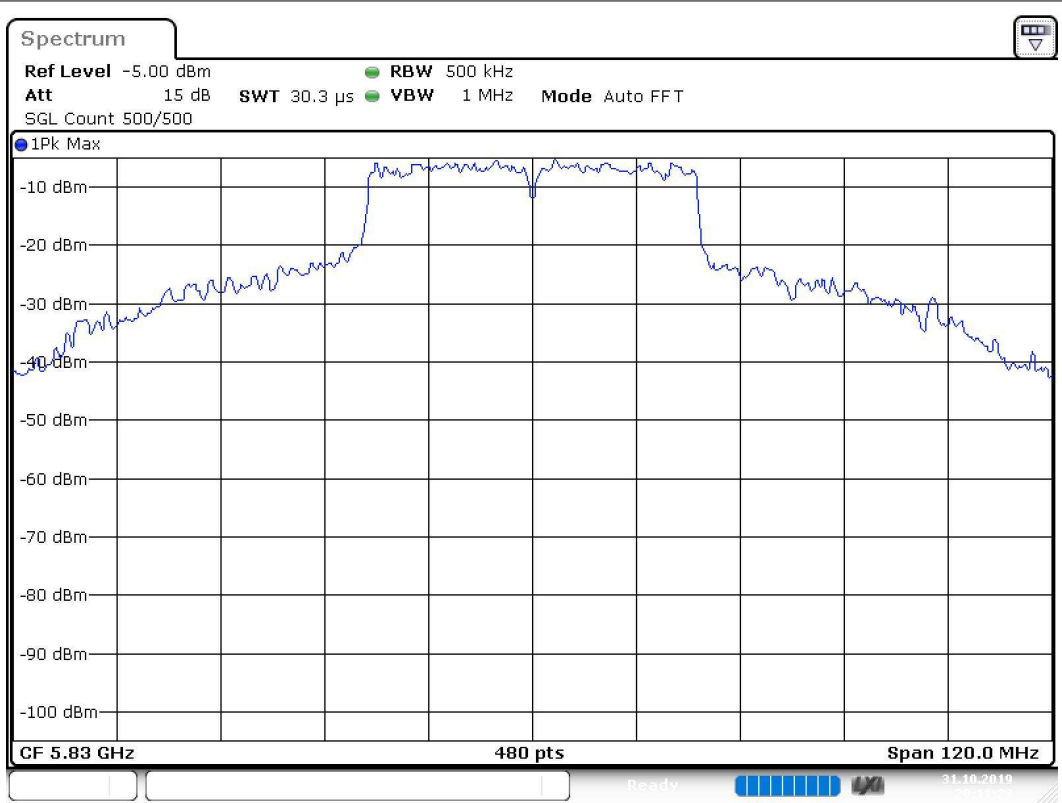
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
5830.000000	PASS

99 % Bandwidth



Bandwidth



Date: 31.OCT.2019 20:11:23

Tx Spurious Emission (5830 MHz; _____ (30 dBm); 40 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
5830.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5931.750000	-24.9	-38.7	-27.0	11.7	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5931.750000	-24.9	-2.1	-27.0
5923.250000	-23.8	-1.9	-25.7
5929.250000	-25.3	-1.7	-27.0
5925.250000	-25.6	-1.4	-27.0
5928.250000	-25.6	-1.4	-27.0
5938.250000	-25.6	-1.4	-27.0
5928.750000	-25.7	-1.3	-27.0
5922.250000	-23.7	-1.3	-25.0
5929.750000	-25.9	-1.1	-27.0
5927.750000	-25.9	-1.1	-27.0
5944.750000	-26.2	-0.8	-27.0
5933.750000	-26.3	-0.7	-27.0
5923.750000	-25.4	-0.7	-26.1
5937.250000	-26.4	-0.6	-27.0
5925.750000	-26.4	-0.6	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1000.000000	1	1
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

Emissions in restricted frequency bands (Average) (5830 MHz; _____ (30 dBm); 40 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
5830.000000	PASS

Final measurements

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

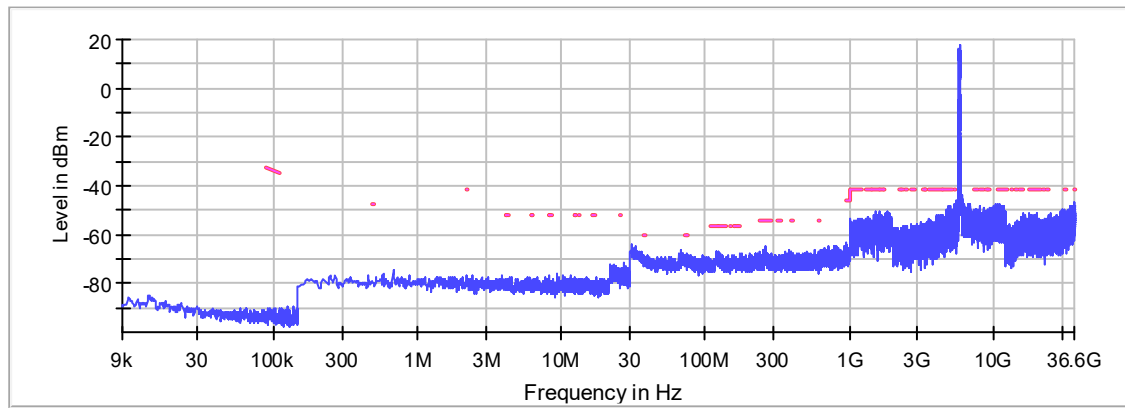
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36484.250000	-46.6	5.4	-41.2
5454.250000	-47.6	6.4	-41.2
11205.750000	-47.6	6.4	-41.2
10828.750000	-47.8	6.6	-41.2
5085.750000	-47.9	6.7	-41.2
36434.750000	-48.0	6.8	-41.2
11369.750000	-48.0	6.8	-41.2
11117.750000	-48.1	6.9	-41.2
11187.750000	-48.1	6.9	-41.2
11931.250000	-48.1	6.9	-41.2
5085.250000	-48.1	6.9	-41.2
11643.750000	-48.2	7.0	-41.2
11643.250000	-48.2	7.0	-41.2
36453.750000	-48.3	7.1	-41.2
4940.250000	-48.3	7.1	-41.2

Measurement Settings

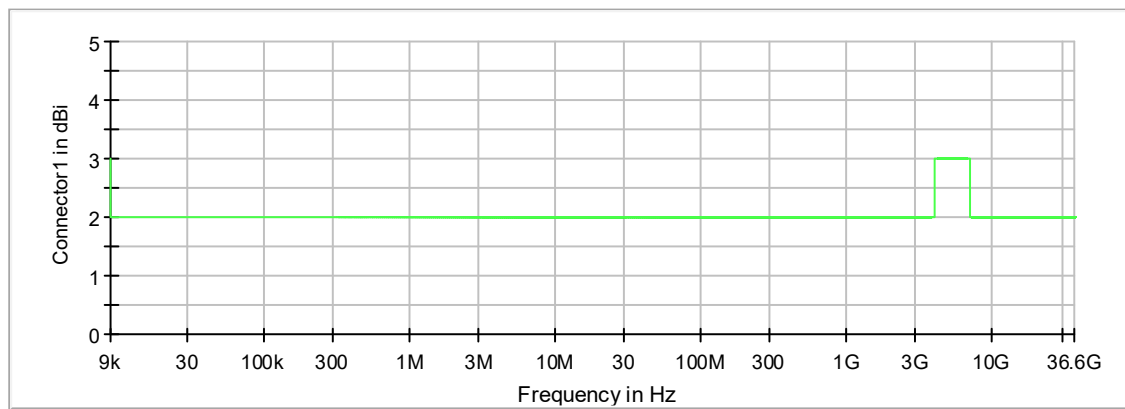
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

Restricted Band



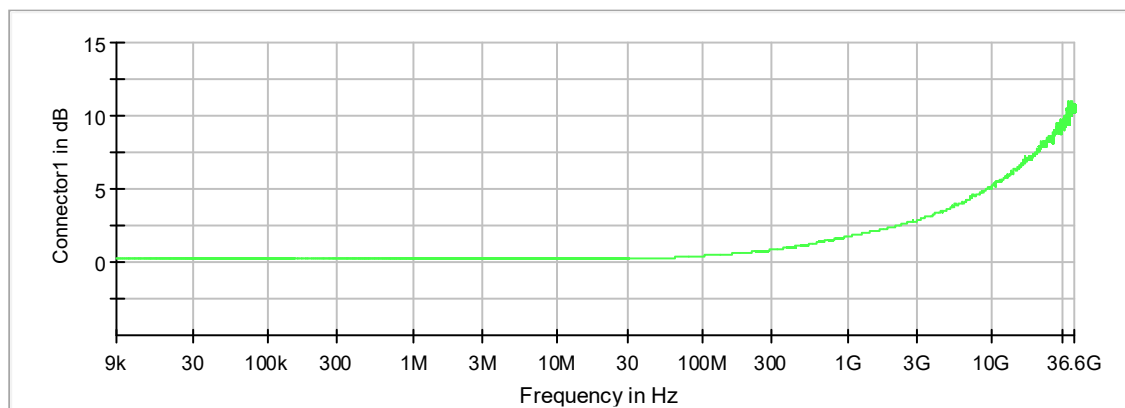
— Limit — Threshold × Critical — Sum Level × Final Critical

Gain



— Connector1

Attenuation



— Connector1

Emissions in restricted frequency bands (Average)(2) (5830 MHz; _____ (30 dBm); 40 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
5830.000000	PASS

Final measurements

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

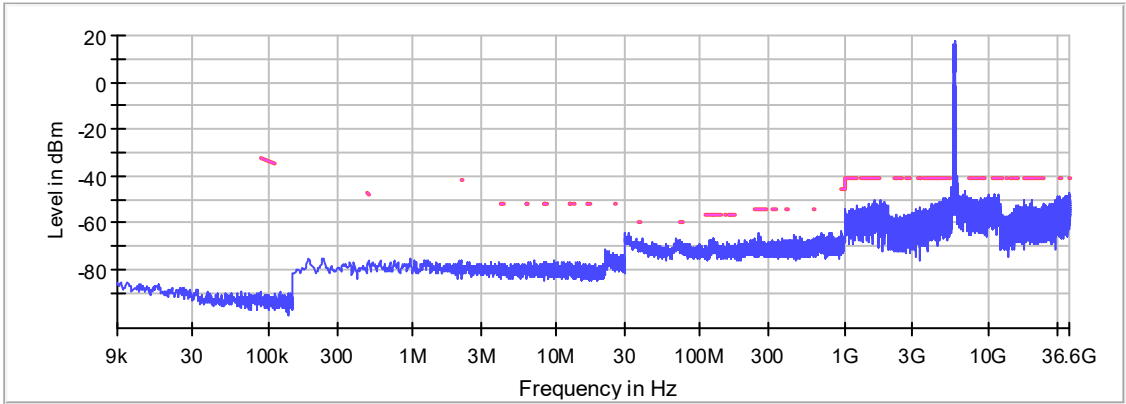
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36492.750000	-47.6	6.4	-41.2
11175.750000	-47.9	6.7	-41.2
11195.750000	-47.9	6.7	-41.2
36471.750000	-47.9	6.7	-41.2
11237.750000	-47.9	6.7	-41.2
11837.750000	-48.1	6.9	-41.2
11740.750000	-48.7	7.5	-41.2
11213.750000	-48.7	7.5	-41.2
36474.250000	-48.8	7.6	-41.2
11915.250000	-48.8	7.6	-41.2
11229.250000	-48.9	7.7	-41.2
31605.750000	-48.9	7.7	-41.2
73.325000	-67.7	7.8	-59.9
36473.750000	-49.1	7.9	-41.2
73.275000	-67.8	7.9	-59.9

Measurement Settings

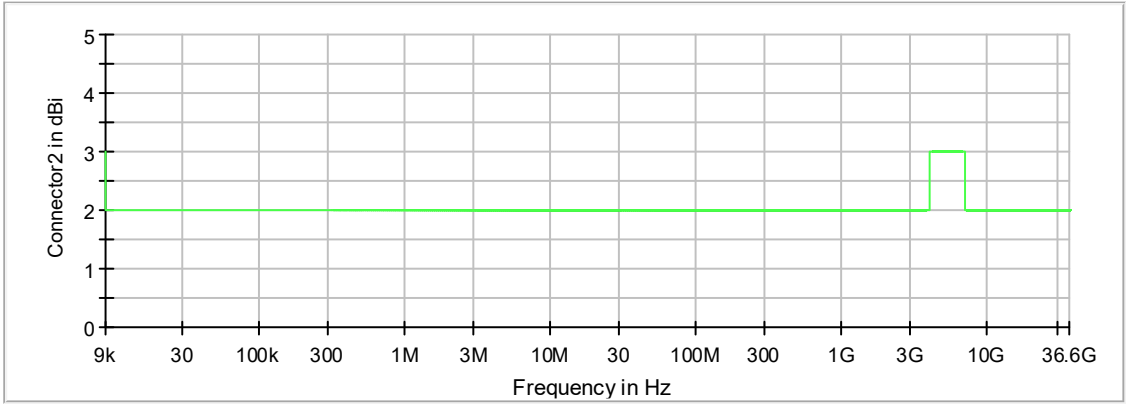
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	0.090000	2	2
0.090000	0.110000	2	2
0.110000	0.150000	2	2
0.150000	0.490000	2	2
0.490000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	2000.000000	1	1
2000.000000	5150.000000	1	1
5150.000000	5850.000000	1	1
5850.000000	12000.000000	1	1
12000.000000	26000.000000	1	1
26000.000000	36600.000000	1	1

Restricted Band



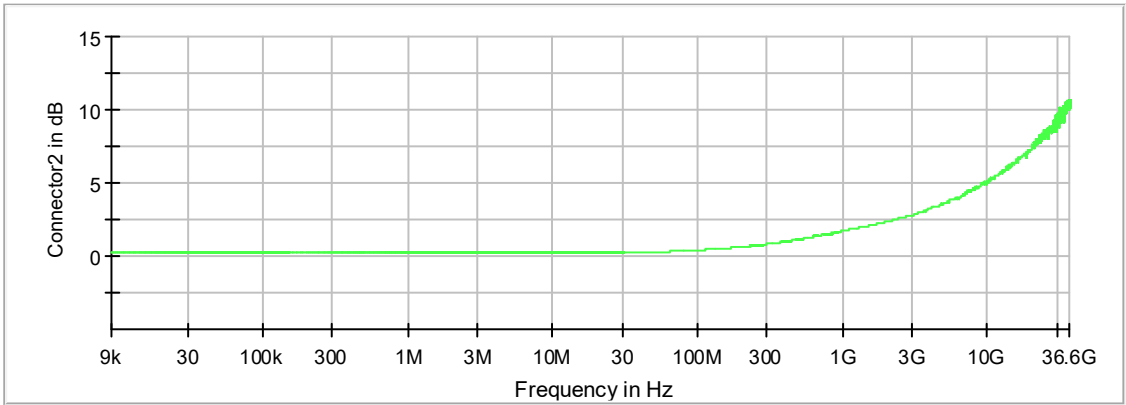
— Limit — Threshold × Critical — Sum Level × Final Critical

Gain



— Connector2

Attenuation



— Connector2