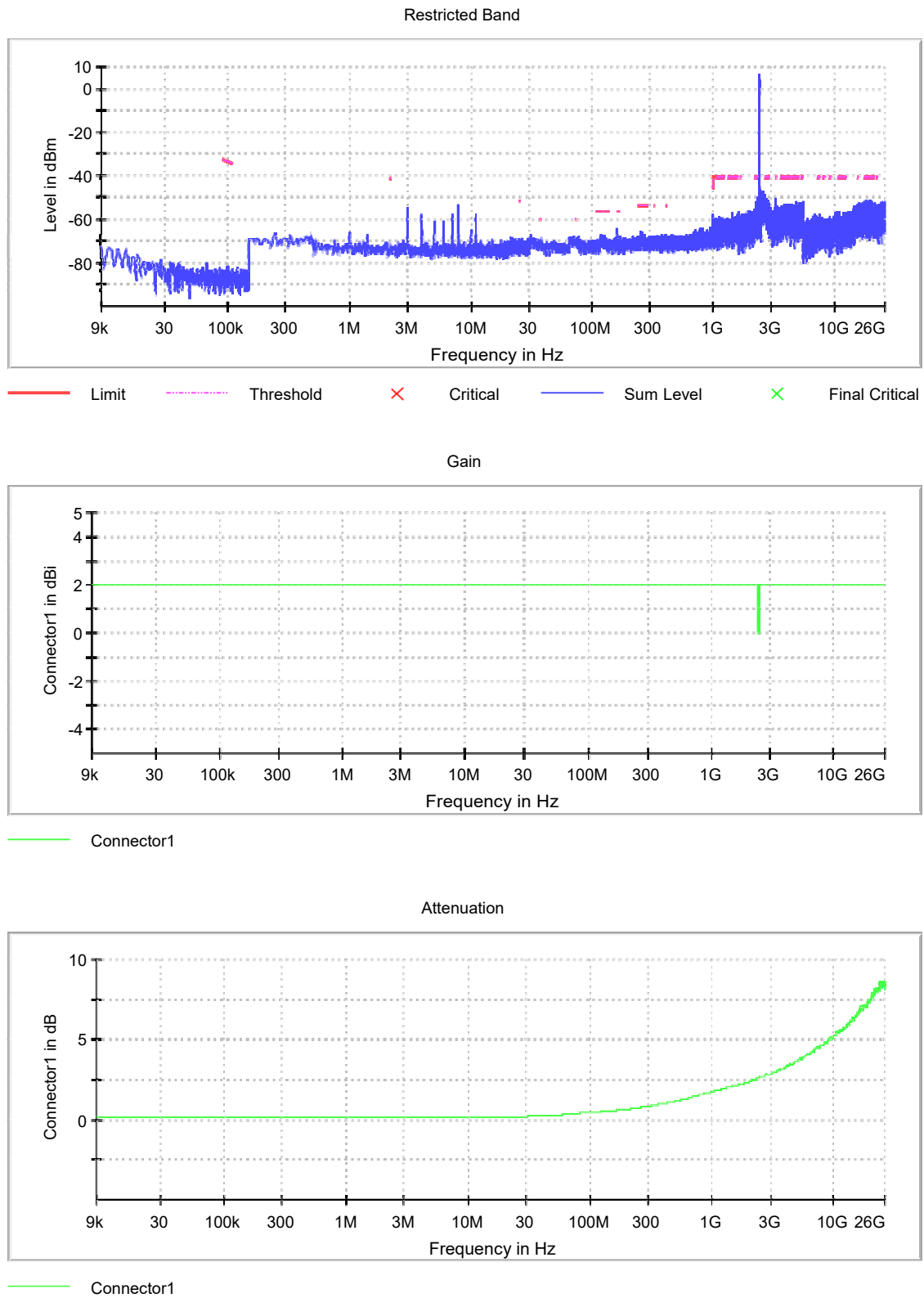
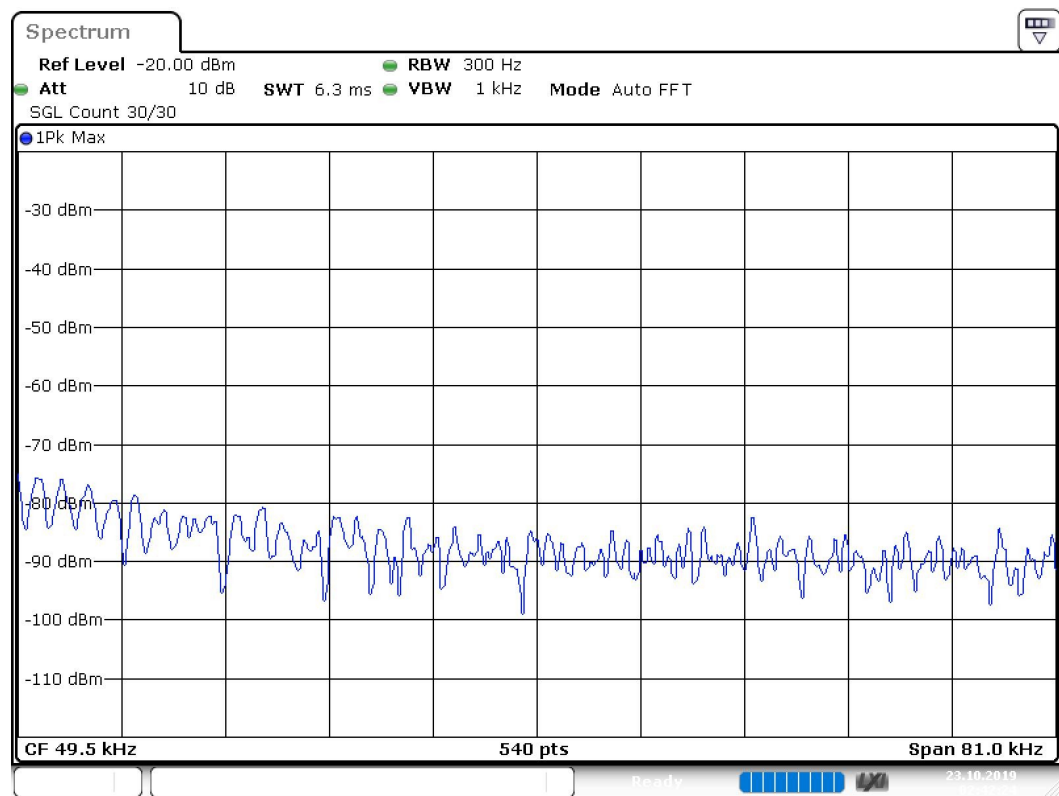


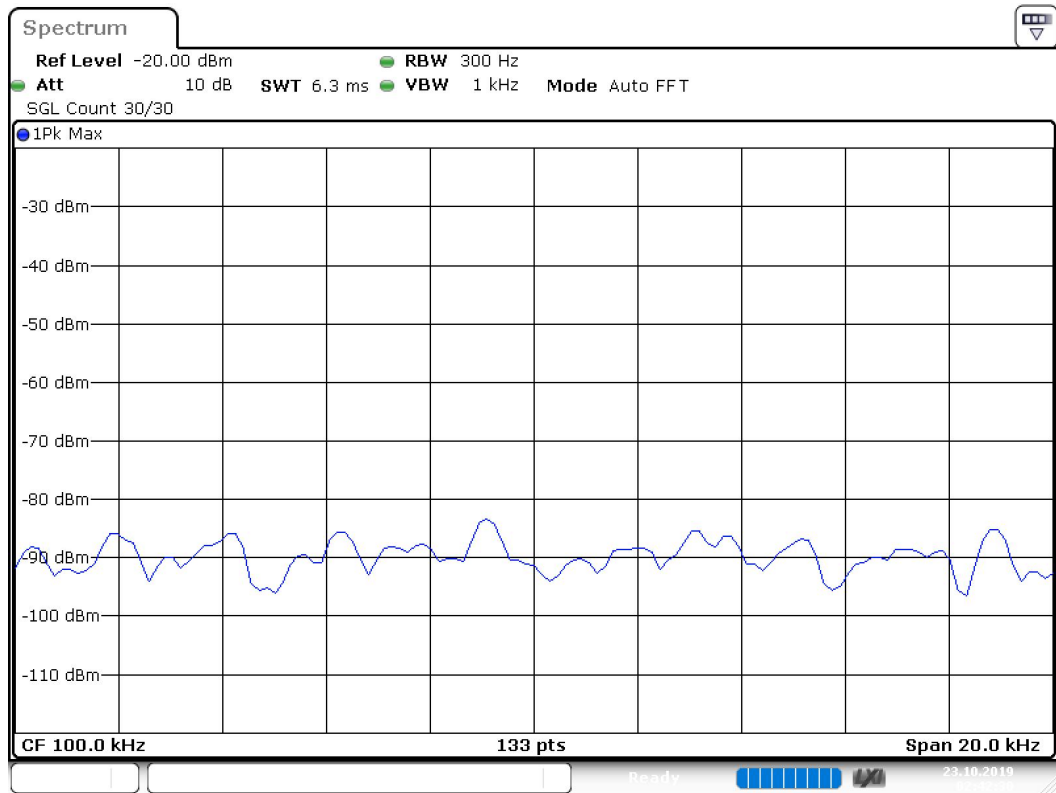


Restricted Band Connector 1_0



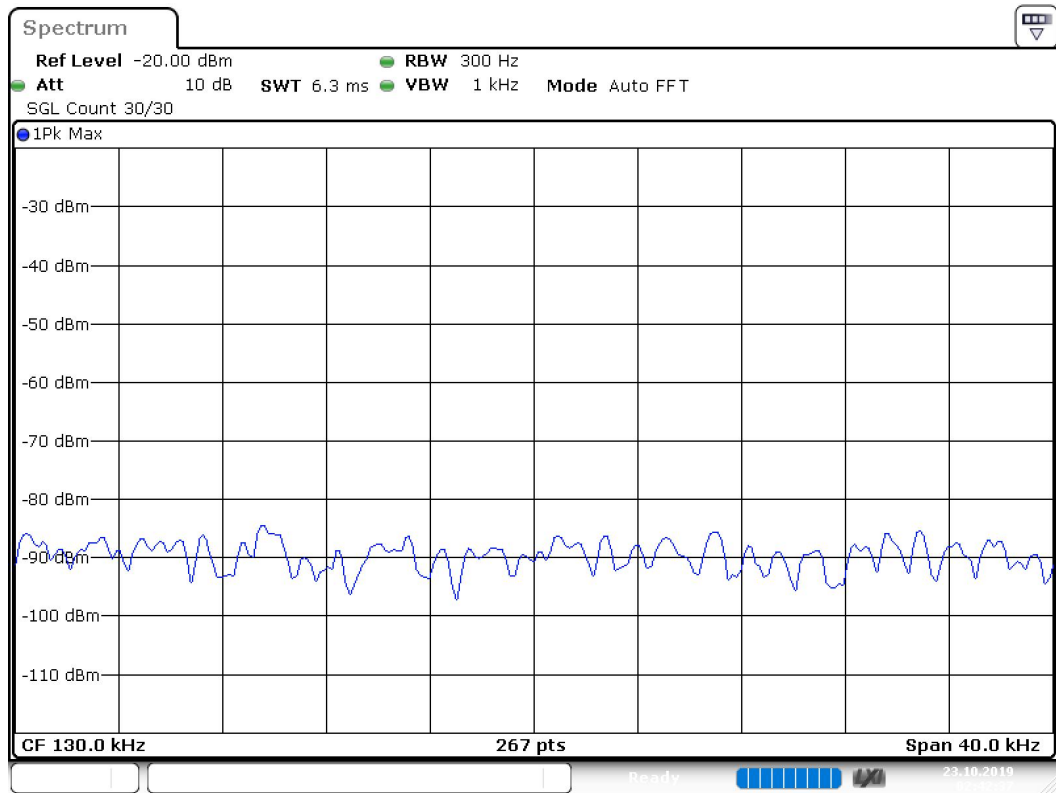
Date: 23.OCT.2019 02:42:25

Restricted Band Connector 1_1



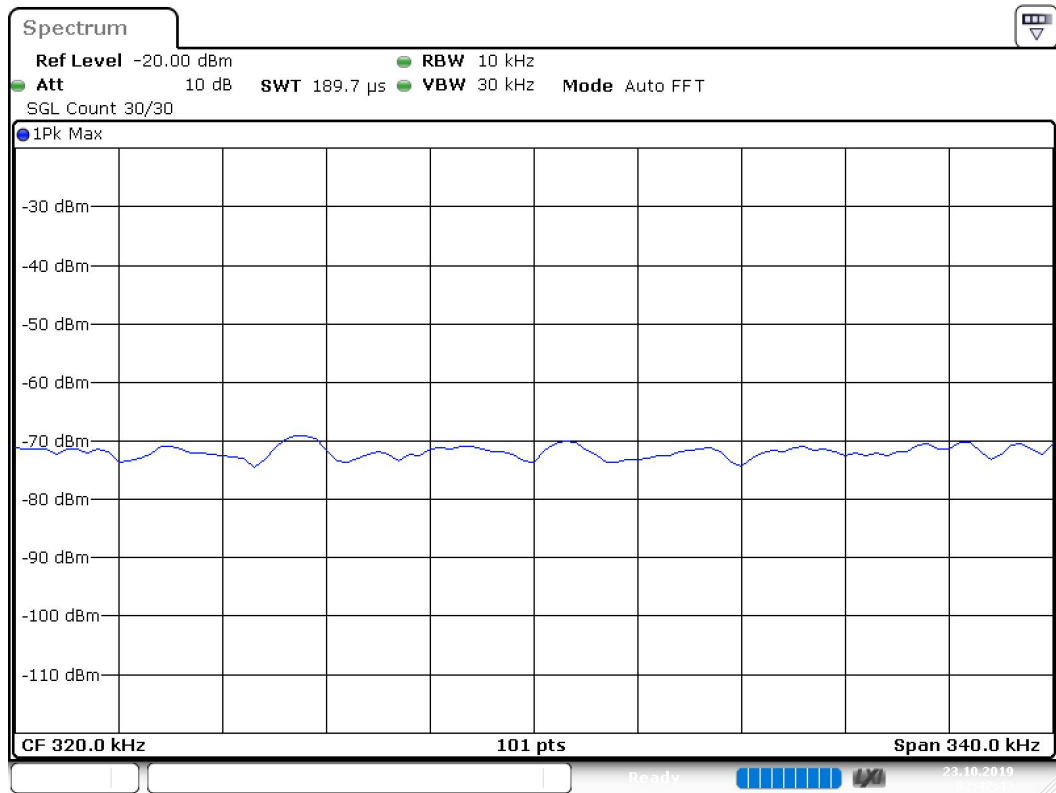
Date: 23.OCT.2019 02:42:31

Restricted Band Connector 1_2



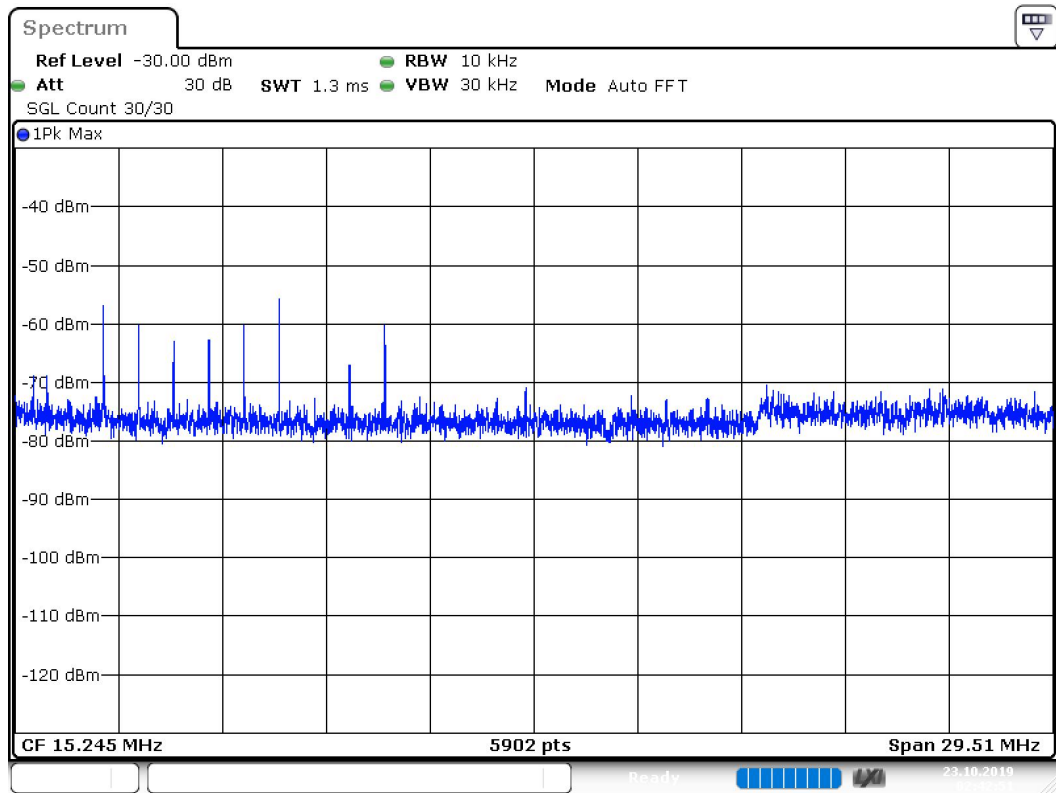
Date: 23.OCT.2019 02:42:38

Restricted Band Connector 1_3



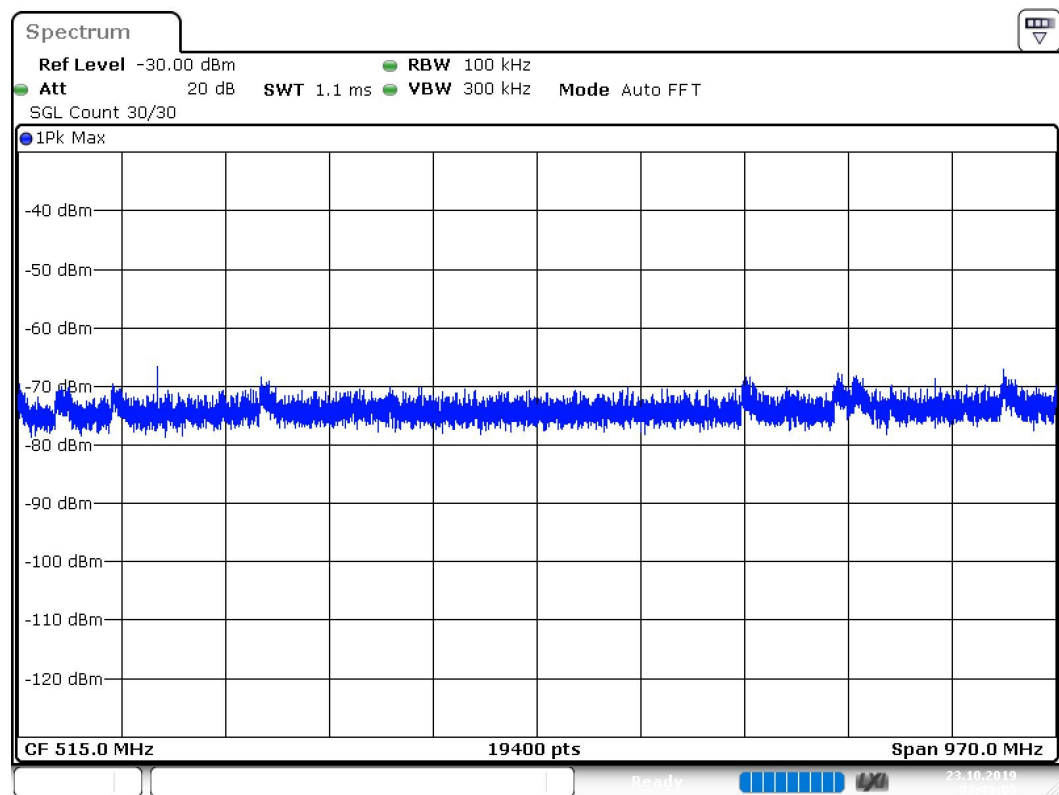
Date: 23.OCT.2019 02:42:44

Restricted Band Connector 1_4



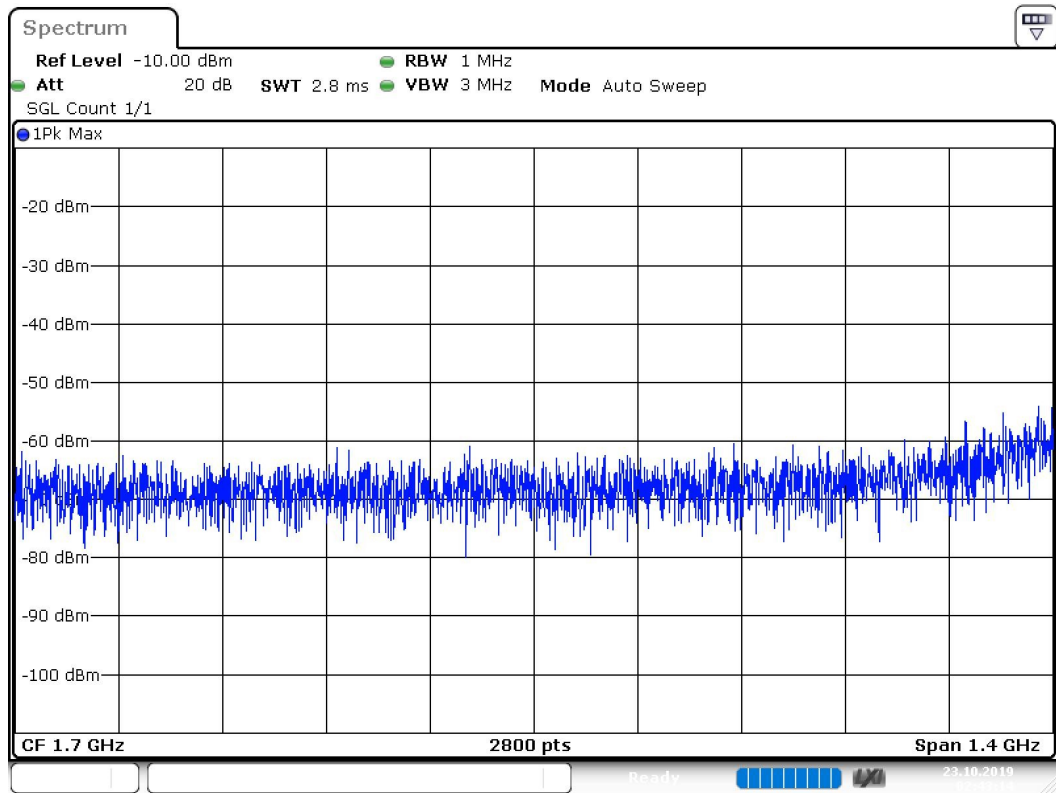
Date: 23.OCT.2019 02:42:51

Restricted Band Connector 1_5



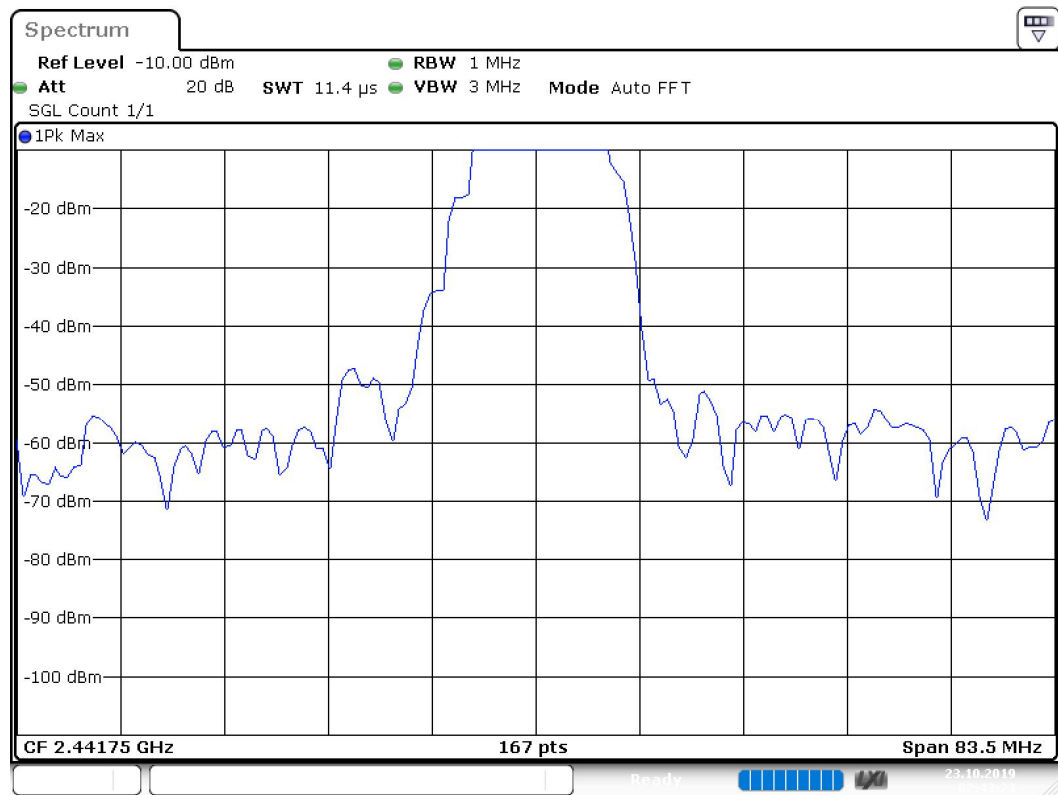
Date: 23.OCT.2019 02:43:05

Restricted Band Connector 1_6



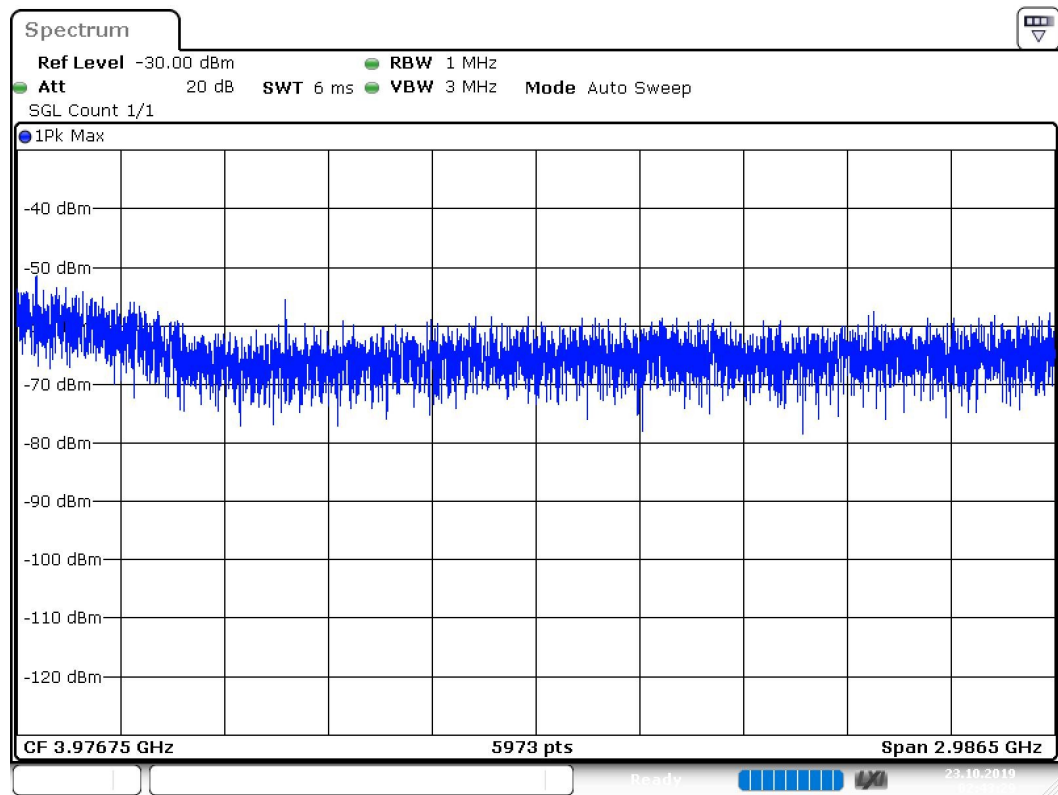
Date: 23.OCT.2019 02:43:15

Restricted Band Connector 1_7



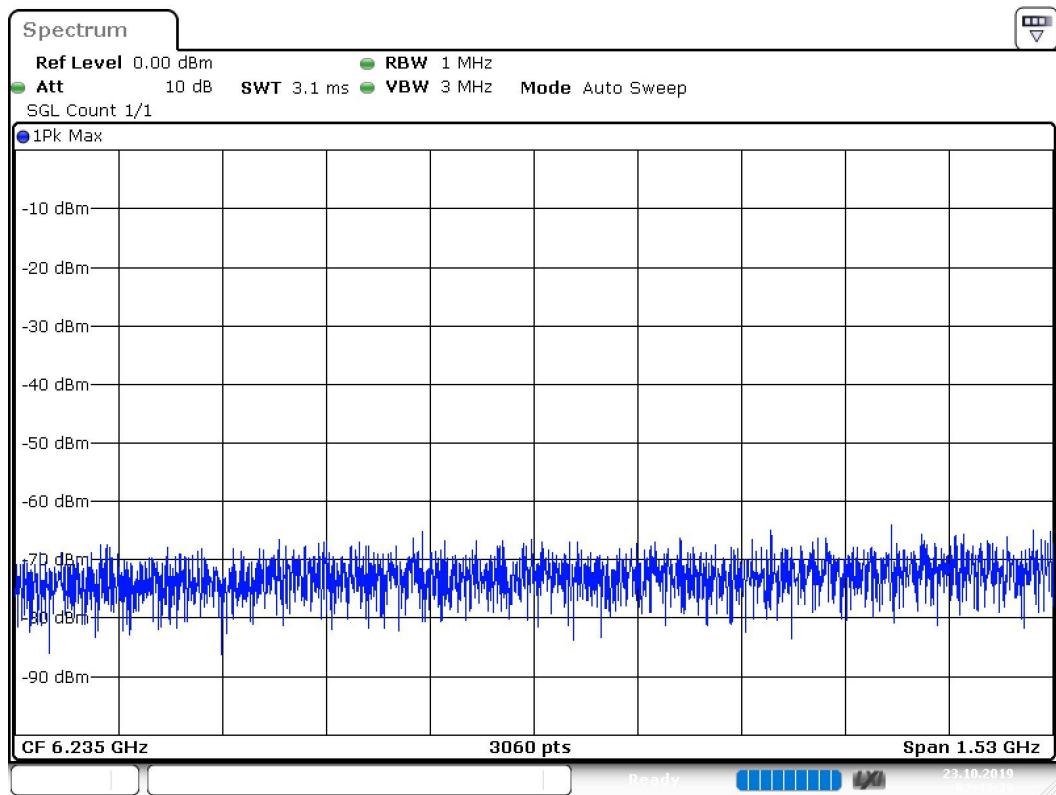
Date: 23.OCT.2019 02:43:23

Restricted Band Connector 1_8



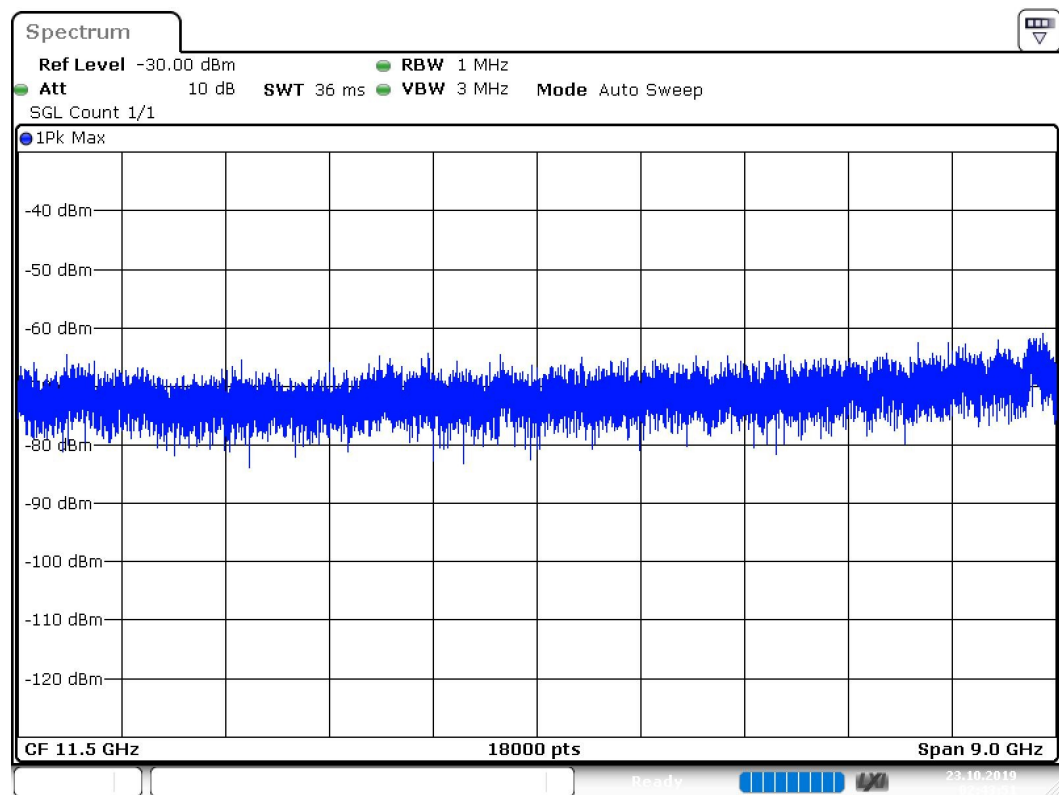
Date: 23.OCT.2019 02:43:30

Restricted Band Connector 1_9



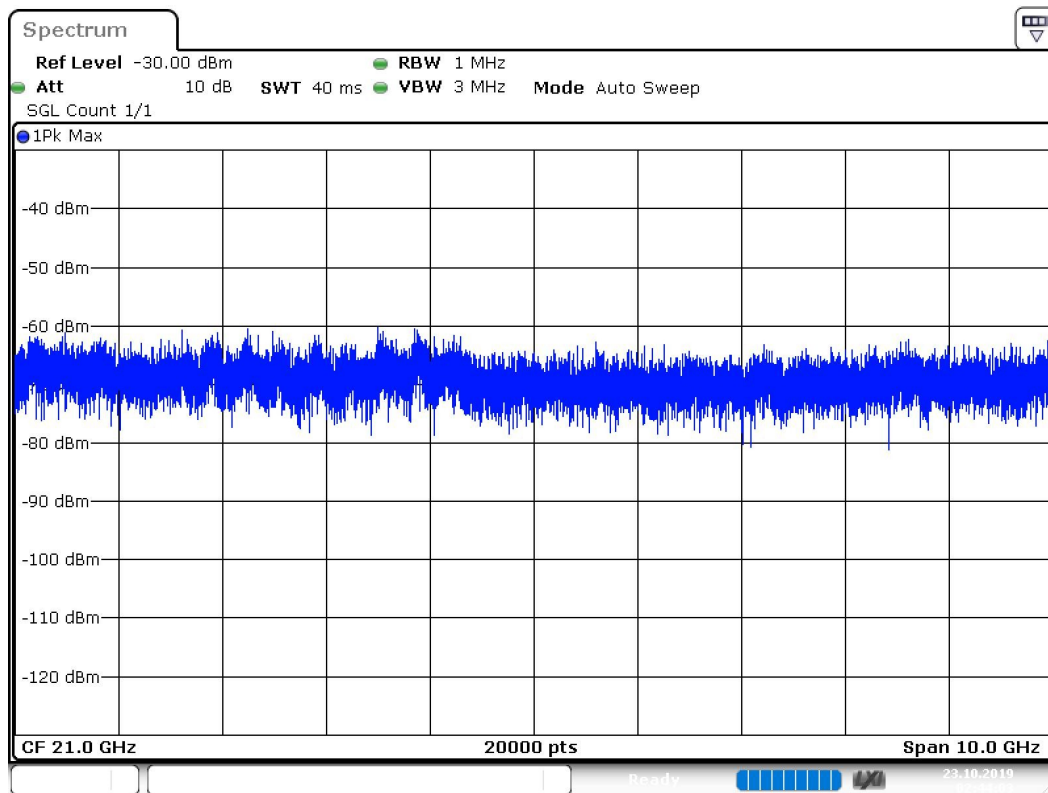
Date: 23.OCT.2019 02:43:40

Restricted Band Connector 1_10



Date: 23.OCT.2019 02:43:51

Restricted Band Connector 1_11



Date: 23.OCT.2019 02:44:03

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	2800	~ 2800
SweepTime	2.800 ms	AUTO
Reference Level	-10.000 dBm	-30.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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	540	~ 540
SweepTime	6.322 ms	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO

Setting	Instrument Value	Target Value
Preamp	off	off

RF output power (2462 MHz; 20 MHz)

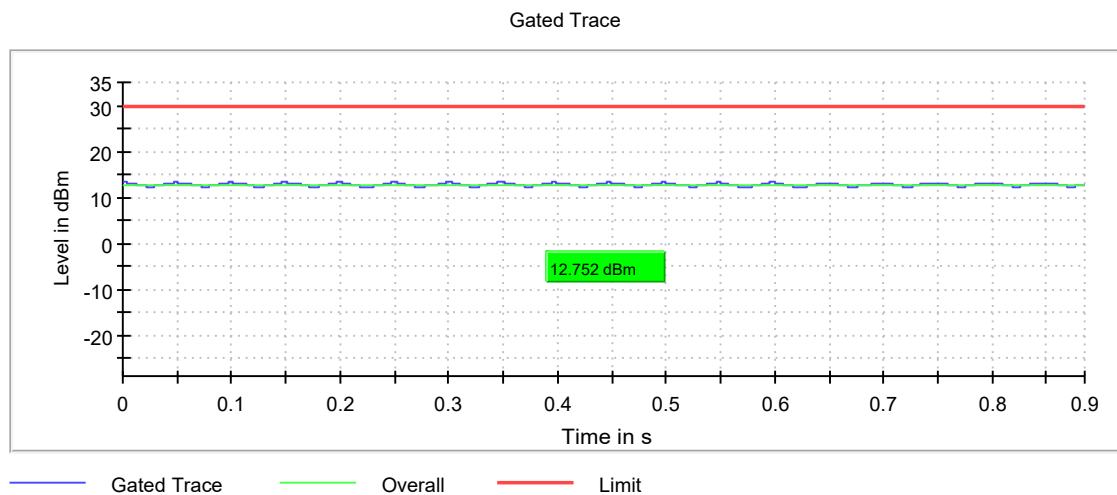
Customized settings.

Test according to FCC title 47 part 15 §15.247(b), KDB 558074 D01 DTS Meas Guidance v05 and ANSI C63.10-2013 11.9.2.3.2

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Combined Uncertainty of absolute Level Measurement (K=2) < 1 dB

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2462.000000	12.8	30.0	12.8	89.009	PASS



Minimum Emission Bandwidth 6 dB (2462 MHz; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05 and ANSI C63.10-2013 11.8.1

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty (K=2) < 2%

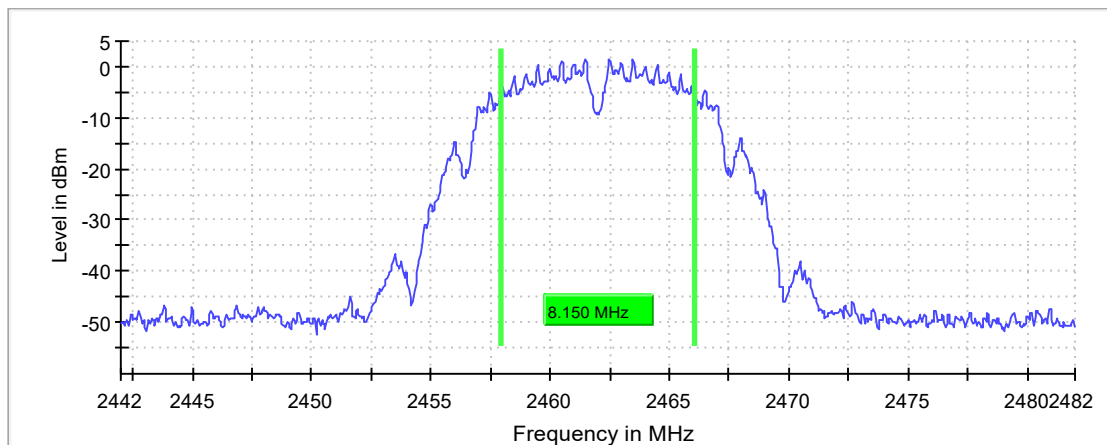
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	8.150000	0.500000	---	2457.925000	2466.075000

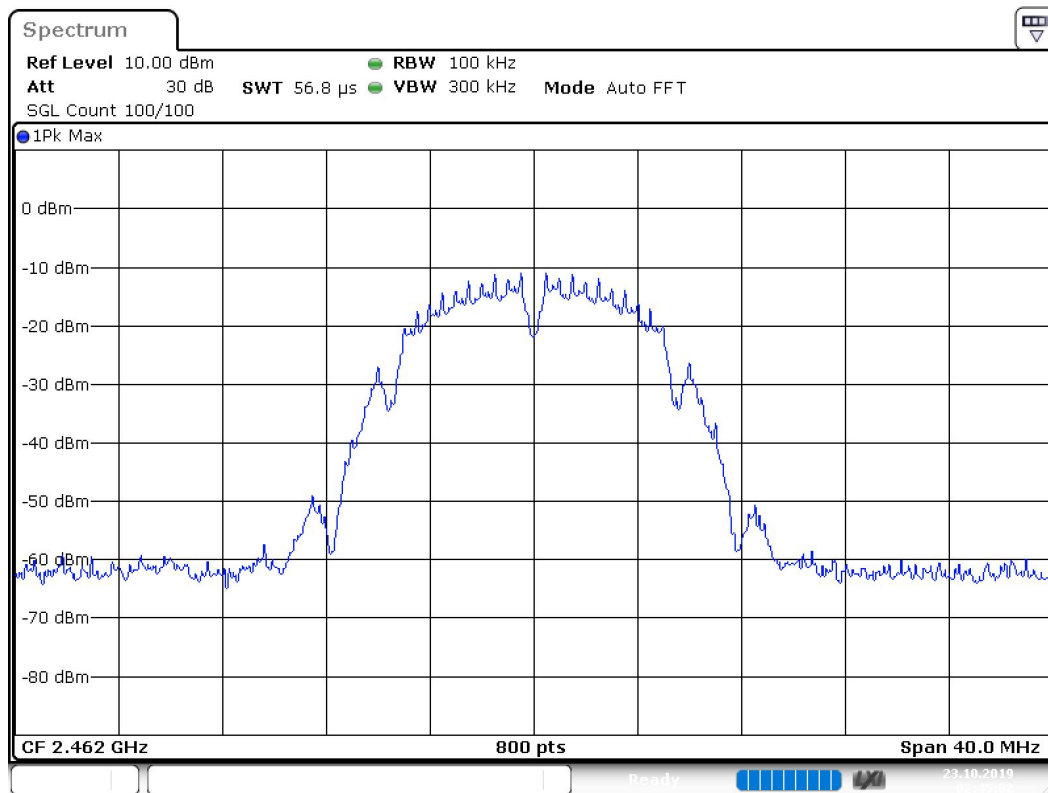
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	1.6	PASS

6 dB Bandwidth



Bandwidth



Date: 23.OCT.2019 02:45:02

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
SweepTime	56.836 μ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Peak Power Spectral Density (2462 MHz; 20 MHz)

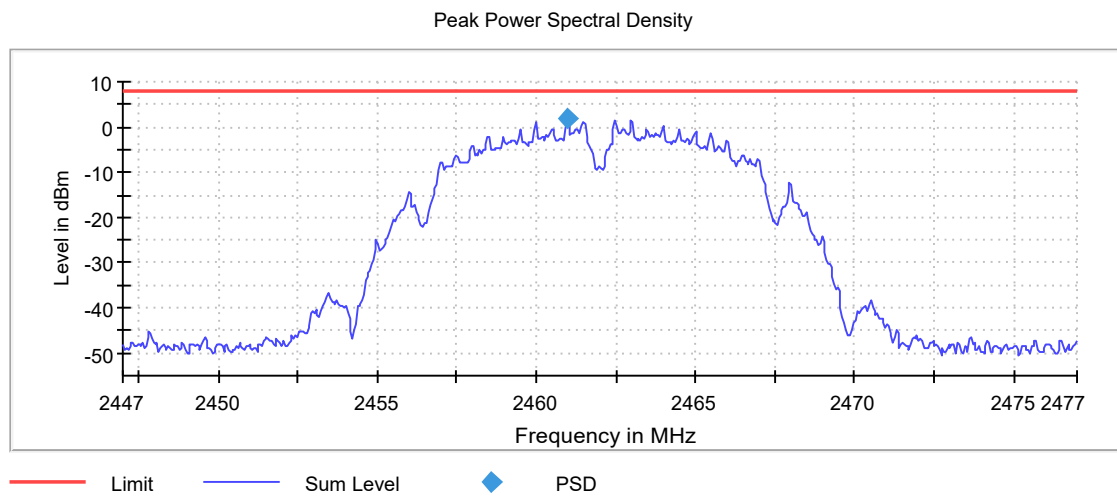
Customized settings.

Test according to FCC title 47 part 15 §15.247(a),(e), KDB 558074 D01 DTS Meas Guidance v05 F and ANSI C63.10-2013

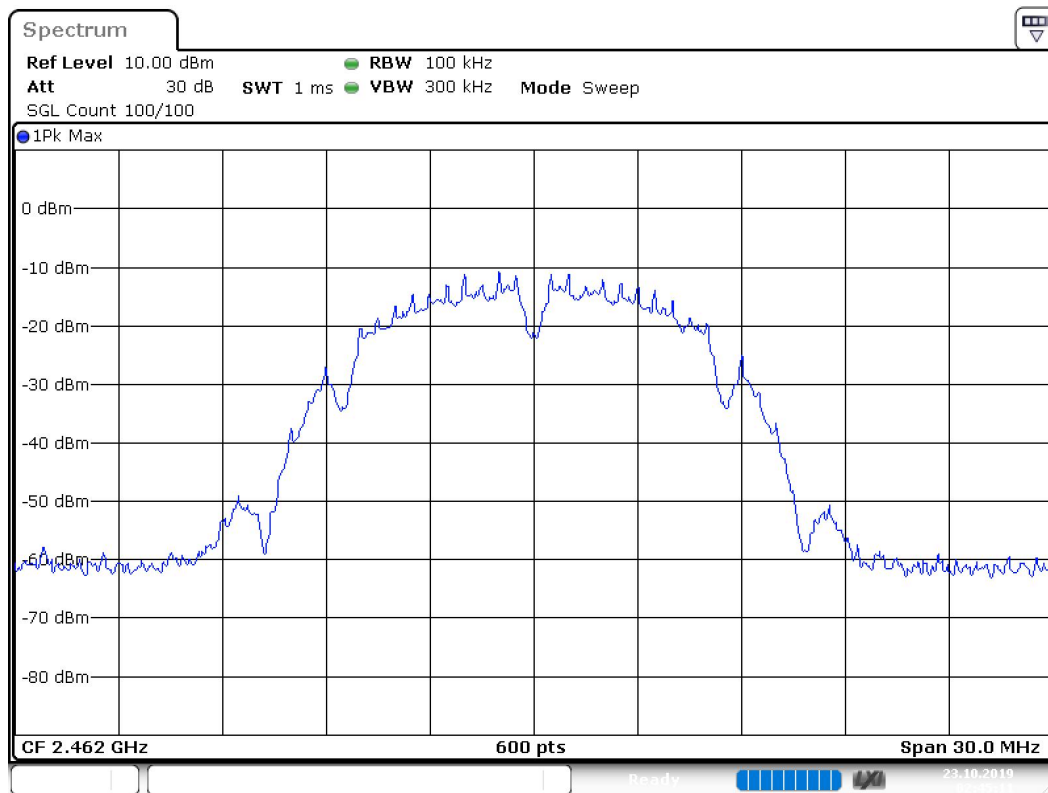
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty (K=2) < 1.3 dB

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2460.975000	1.743	8.0	PASS



PSD Connector 1



Date: 23.OCT.2019 02:45:11

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44700 GHz	2.44700 GHz
Stop Frequency	2.47700 GHz	2.47700 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	600	~ 600
SweepTime	1.040 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off

Occupied Channel Bandwidth 99% (2462 MHz; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v05 and ANSI C63.10-2013 11.8.1

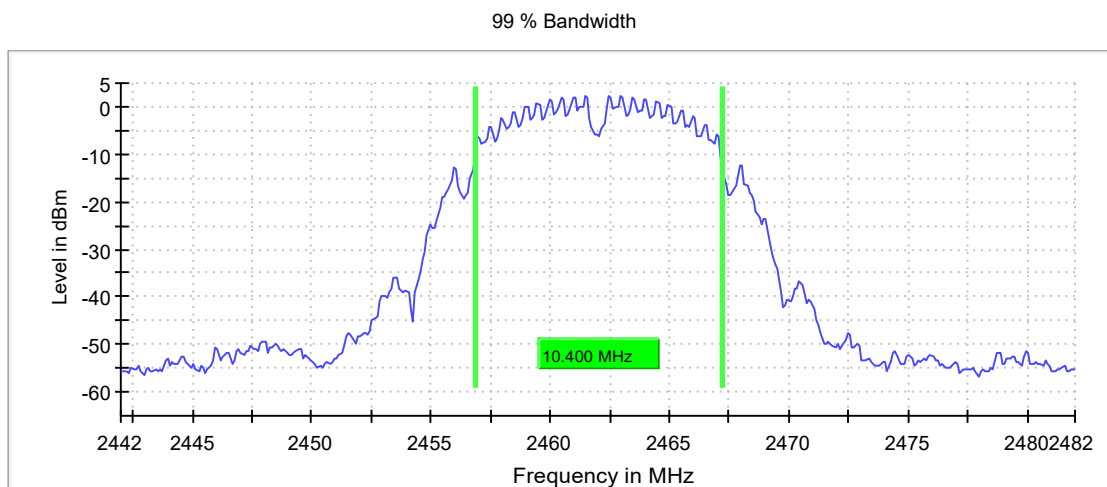
Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty (K=2) < 2%

99 % Bandwidth

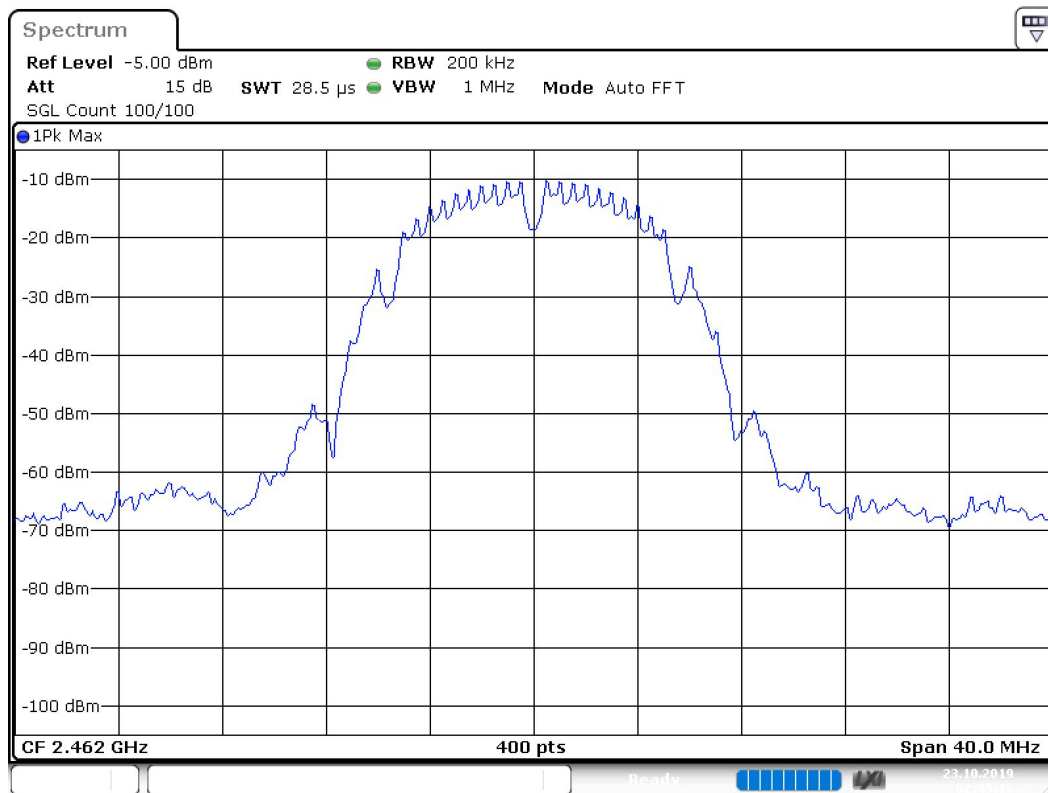
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	10.400000	---	---	2456.850000	2467.250000

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

DUT Frequency (MHz)	Result
2462.000000	PASS



Bandwidth



Date: 23.OCT.2019 02:45:19

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	≥ 200.000 kHz
VBW	1.000 MHz	≥ 600.000 kHz
SweepPoints	400	~ 400
SweepTime	28.477 μ s	AUTO
Reference Level	-5.000 dBm	-5.000 dBm
Attenuation	15.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Band Edge high (2462 MHz; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05 8.7 and ANSI C63.10-2013

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty (K=2) < 0.8 dB

Result

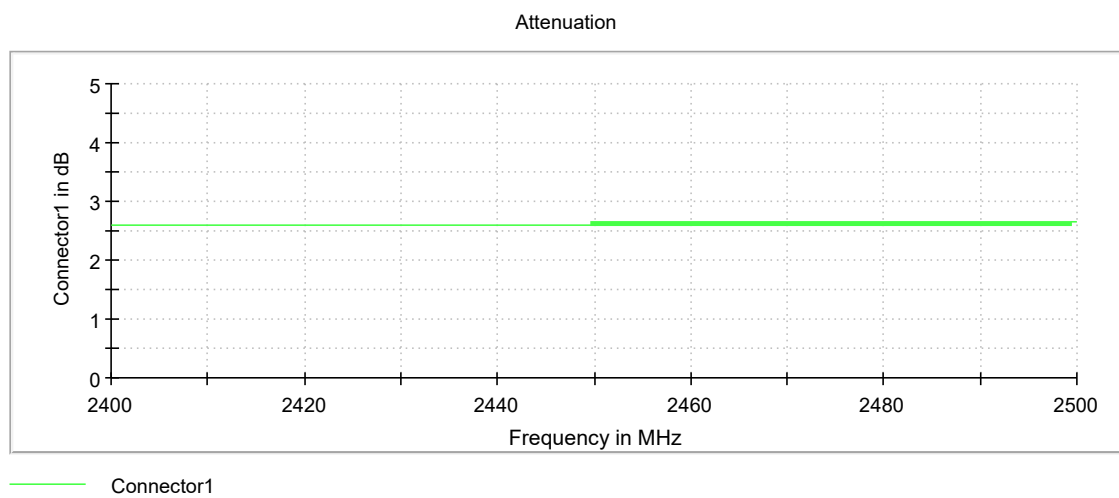
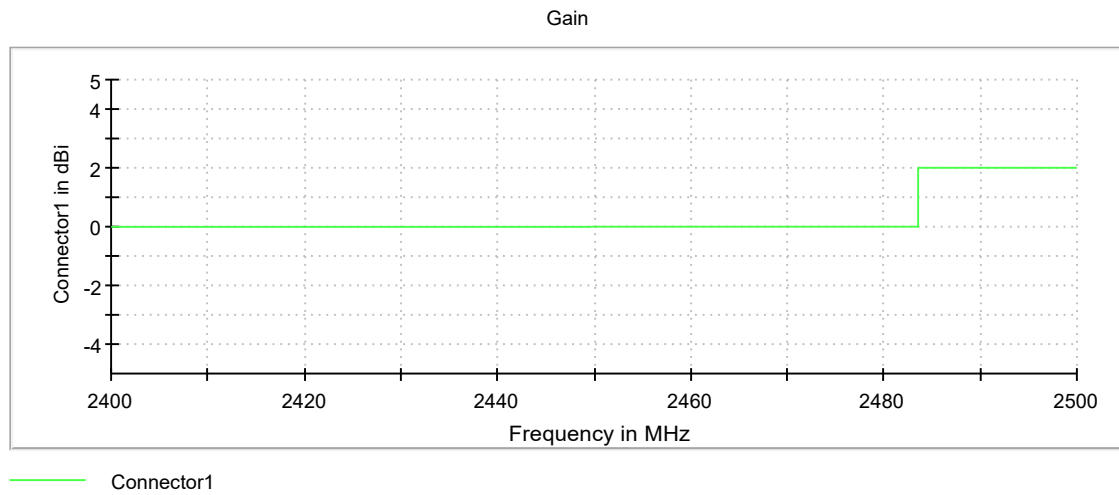
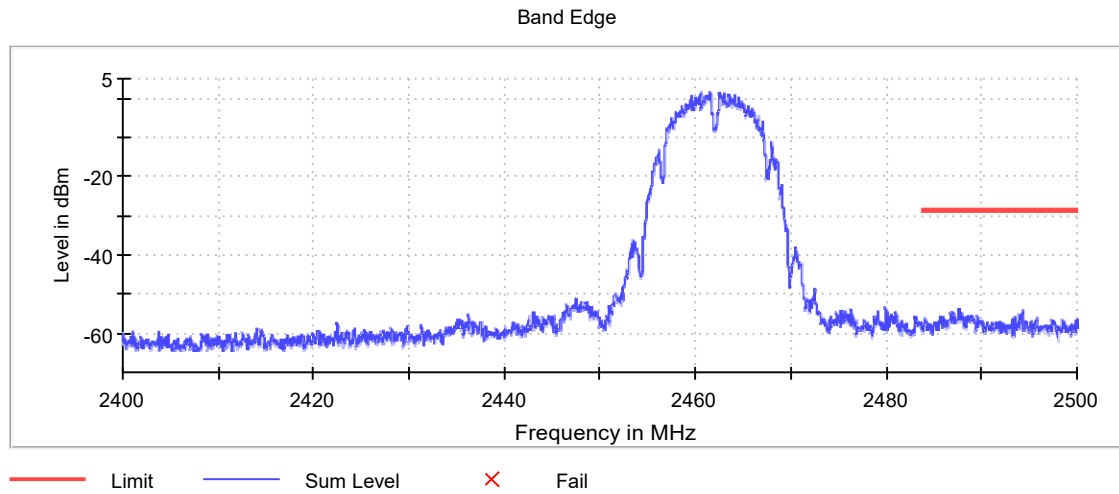
DUT Frequency (MHz)	Result
2462.000000	PASS

Inband Peak

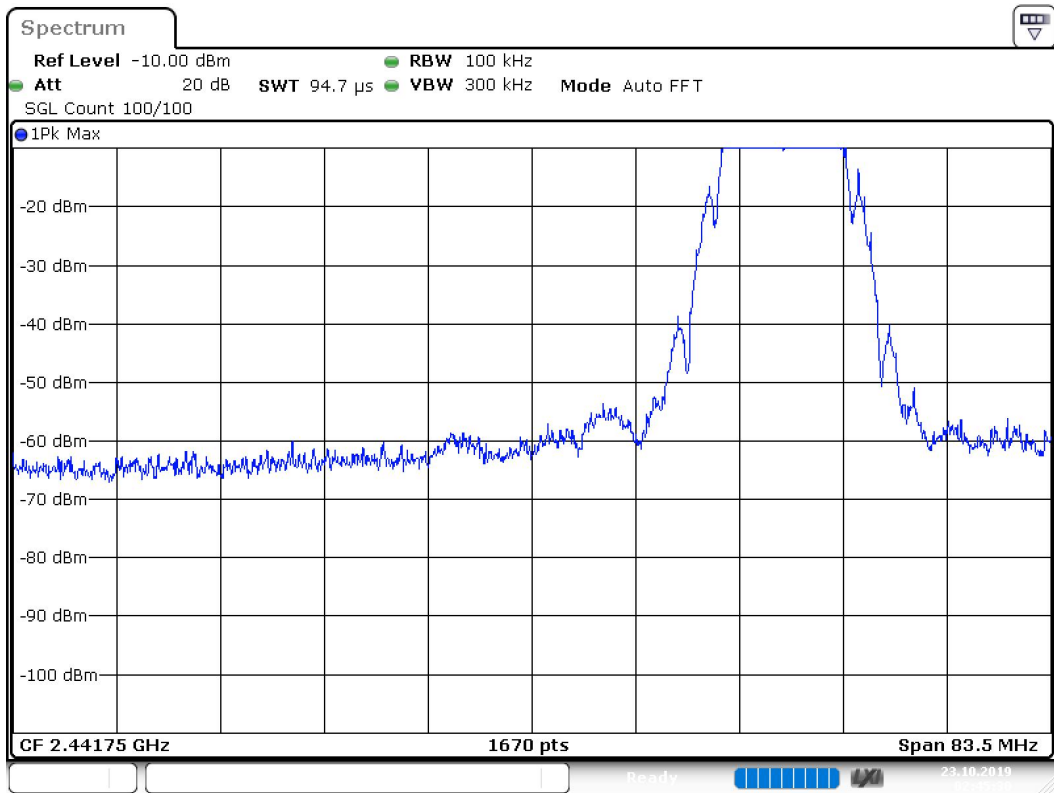
Frequency (MHz)	Level (dBm)
2461.475000	1.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2487.575000	-53.6	25.3	-28.3	PASS
2487.625000	-53.7	25.4	-28.3	PASS
2487.475000	-54.4	26.1	-28.3	PASS
2487.525000	-54.6	26.3	-28.3	PASS
2487.925000	-54.6	26.3	-28.3	PASS
2494.175000	-54.7	26.3	-28.3	PASS
2486.925000	-54.7	26.4	-28.3	PASS
2494.225000	-54.7	26.4	-28.3	PASS
2487.875000	-54.8	26.5	-28.3	PASS
2486.975000	-54.9	26.6	-28.3	PASS
2486.725000	-55.1	26.7	-28.3	PASS
2494.075000	-55.2	26.9	-28.3	PASS
2487.675000	-55.5	27.1	-28.3	PASS
2486.675000	-55.5	27.2	-28.3	PASS
2493.925000	-55.5	27.2	-28.3	PASS

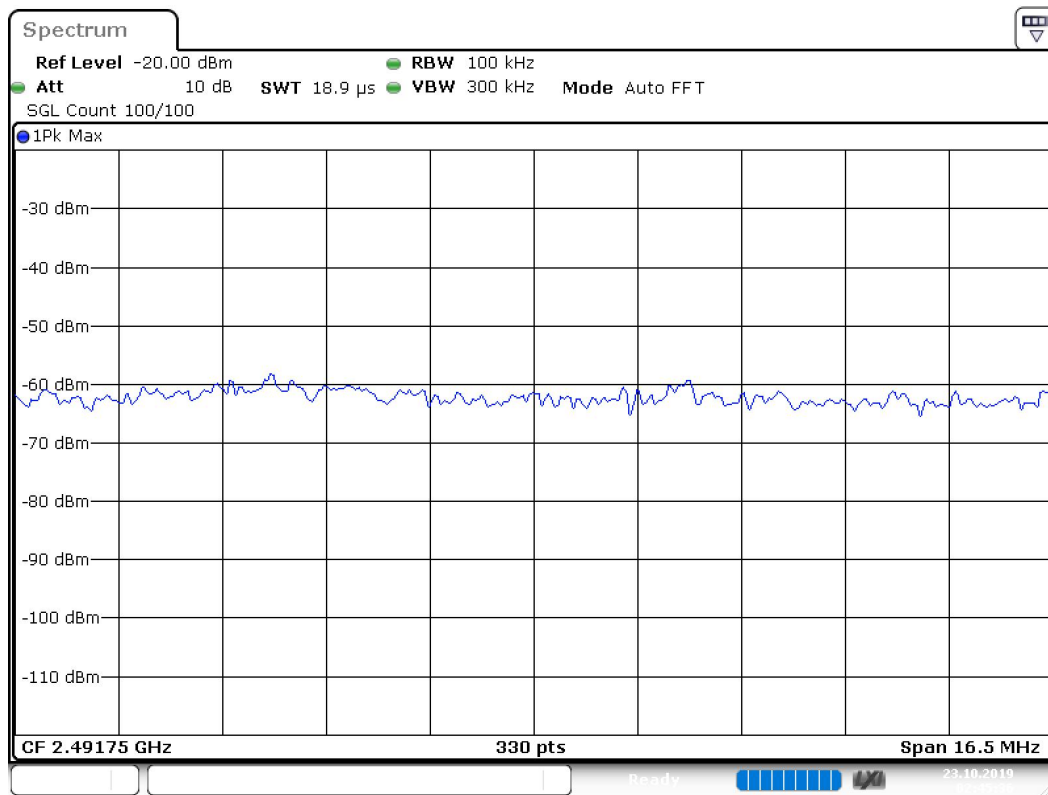


Band Edge Connector 1_0



Date: 23.OCT.2019 02:45:31

Band Edge Connector 1_1



Date: 23.OCT.2019 02:45:37

Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 μ s	AUTO
Reference Level	-10.000 dBm	-30.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Measurement 2

Setting	Instrument Value	Target Value
Start Frequency	2.48350 GHz	2.48350 GHz
Stop Frequency	2.50000 GHz	2.50000 GHz
Span	16.500 MHz	16.500 MHz
RBW	100.000 kHz	≤ 100.000 kHz
VBW	300.000 kHz	≥ 300.000 kHz
SweepPoints	330	~ 330
SweepTime	18.945 μ s	AUTO
Reference Level	-20.000 dBm	-30.000 dBm

Setting	Instrument Value	Target Value
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off

Tx Spurious Emission (2462 MHz; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05 8.5 and ANSI C63.10-2013 11.11.2 & 11.11.3

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.
Expanded Uncertainty (K=2) < 1.8 dB

Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Final measurements

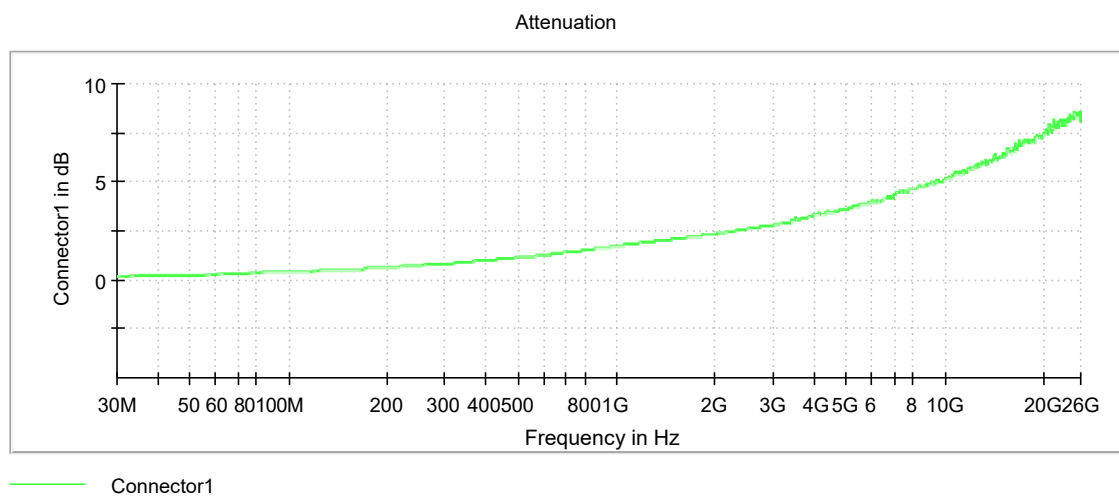
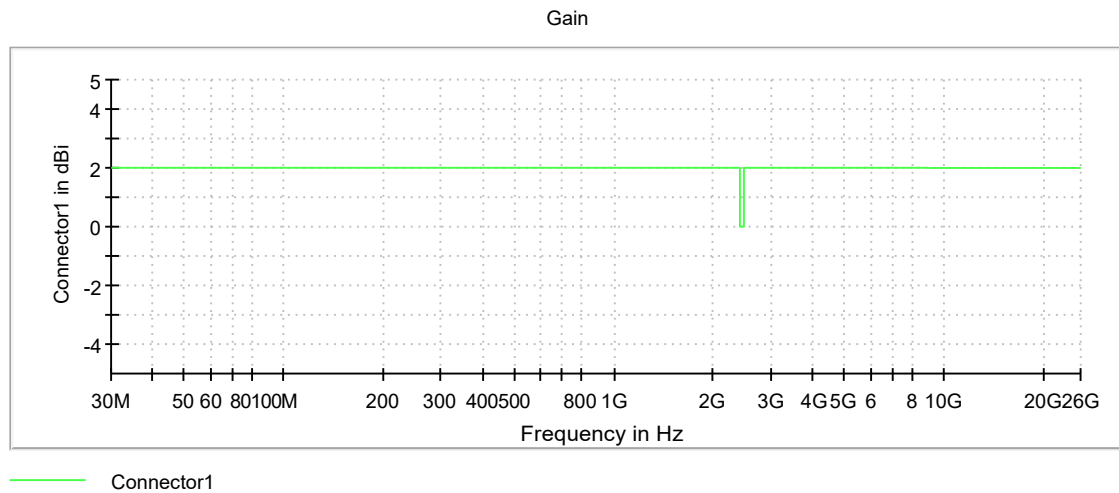
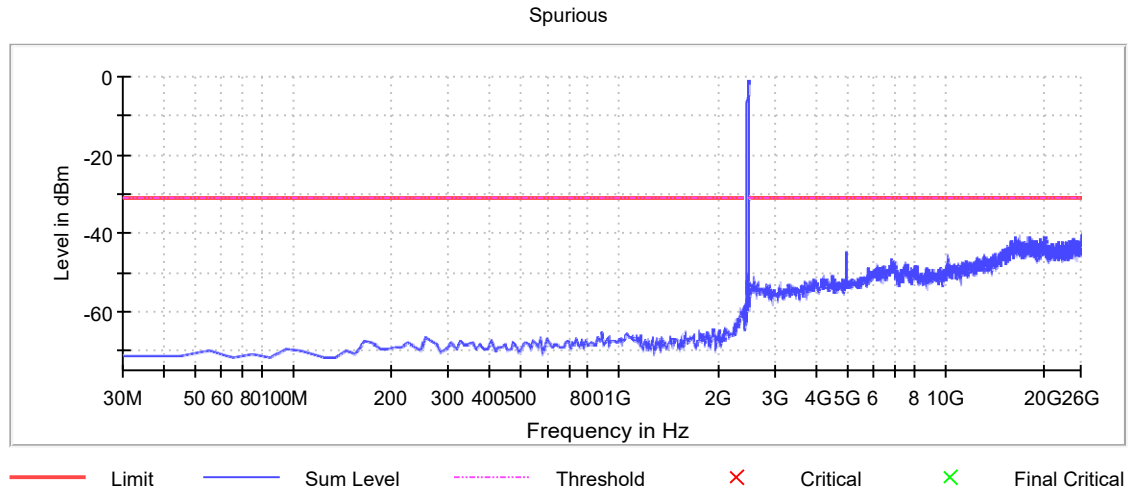
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
25885.065980	-40.2	9.2	-31.0
17899.650127	-40.6	9.6	-31.0
16160.648428	-40.6	9.7	-31.0
19908.496919	-40.7	9.7	-31.0
20238.307586	-41.0	10.0	-31.0
25965.020081	-41.1	10.1	-31.0
17889.655865	-41.1	10.2	-31.0
19528.714938	-41.2	10.2	-31.0
17879.661602	-41.2	10.2	-31.0
20178.342010	-41.2	10.3	-31.0
24585.811836	-41.3	10.4	-31.0
18209.472269	-41.4	10.4	-31.0
25825.100404	-41.4	10.4	-31.0
24615.794624	-41.4	10.5	-31.0
19938.479707	-41.5	10.5	-31.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	26000.000000	1	1



Spurious Connector 1_0