



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-UX7
ISED ID	6545A-UX7
Equipment Under Test	UX7
Test Report Serial Number	TR9546_02
Date of Tests	19 November 2024
Report Issue Date	22 November 2024

Test Personnel

Testing performed by	Trina Noor
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Test Location

Testing was performed at the Unified Compliance Laboratory located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2025. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until 30 June 2025. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



1 UNII-7 Band

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6535.000	24.0	20.000000	PASS
RF output power	6535.000	24.0	20.000000	PASS
In-Band Emissions	6535.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6535.000	24.0	20.000000	PASS
Frequency Stability	6535.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6695.000	24.0	20.000000	PASS
In-Band Emissions	6695.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6695.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6875.000	24.0	20.000000	PASS
In-Band Emissions	6875.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6875.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6525.000	24.0	40.000000	PASS
In-Band Emissions	6525.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6525.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6685.000	24.0	40.000000	PASS
In-Band Emissions	6685.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6685.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6885.000	24.0	40.000000	PASS
In-Band Emissions	6885.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6885.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6545.000	24.0	80.000000	PASS
In-Band Emissions	6545.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6545.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6705.000	24.0	80.000000	PASS
In-Band Emissions	6705.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6705.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6865.000	24.0	80.000000	PASS
In-Band Emissions	6865.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6865.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6505.000	24.0	160.000000	PASS
In-Band Emissions	6505.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6505.000	24.0	160.000000	PASS
Tx Spurious Emission	6505.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6505.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6505.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6665.000	24.0	160.000000	PASS
In-Band Emissions	6665.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6665.000	24.0	160.000000	PASS
Tx Spurious Emission	6665.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6665.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6665.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6825.000	24.0	160.000000	PASS
In-Band Emissions	6825.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6825.000	24.0	160.000000	PASS
Tx Spurious Emission	6825.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6825.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6825.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6585.000	24.0	320.000000	PASS
In-Band Emissions	6585.000	24.0	320.000000	PASS
Occupied Channel Bandwidth 99%	6585.000	24.0	320.000000	PASS
Tx Spurious Emission	6585.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Average)	6585.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6585.000	24.0	320.000000	PASS

Emission Bandwidth 26 dB (6535 MHz; 24.000 dBm; 20 MHz)

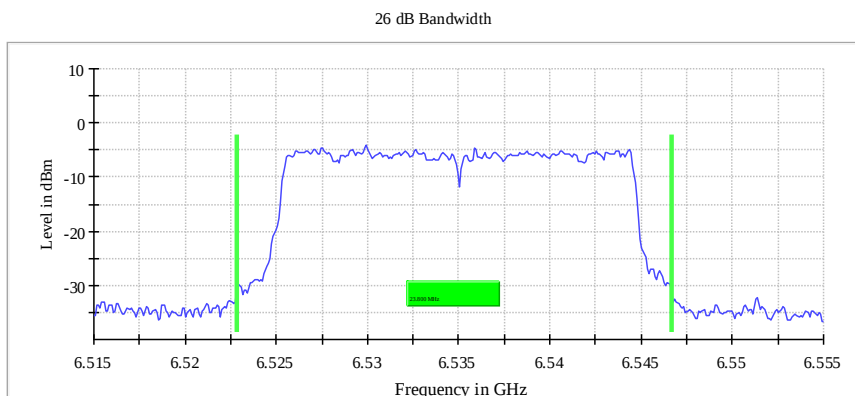
Customized settings.

26 dB Bandwidth

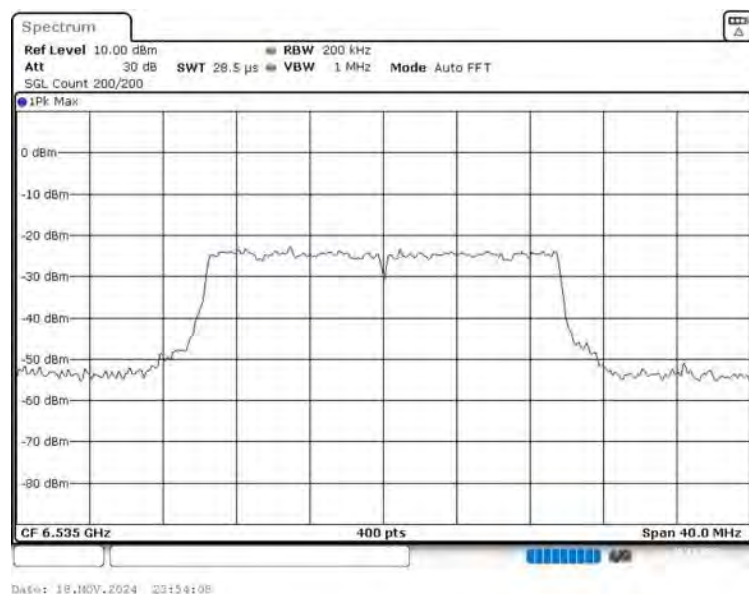
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6535.000000	23.800000	---	320.000000	6522.850000	---

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
6535.000000	6546.650000	---	-4.1	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.51500 GHz	6.51500 GHz
Stop Frequency	6.55500 GHz	6.55500 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	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
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 (6535 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6535.000000	11.3	24.0	11.3	99.726	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

In-Band Emissions (6535 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6535.000000	PASS

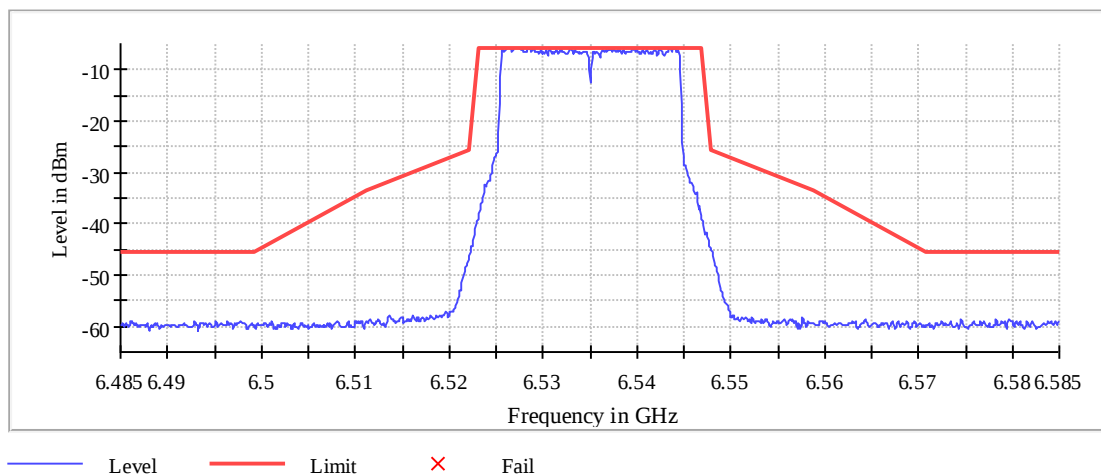
Inband Peak

Frequency (MHz)	Level (dBm)
6526.150000	-5.6

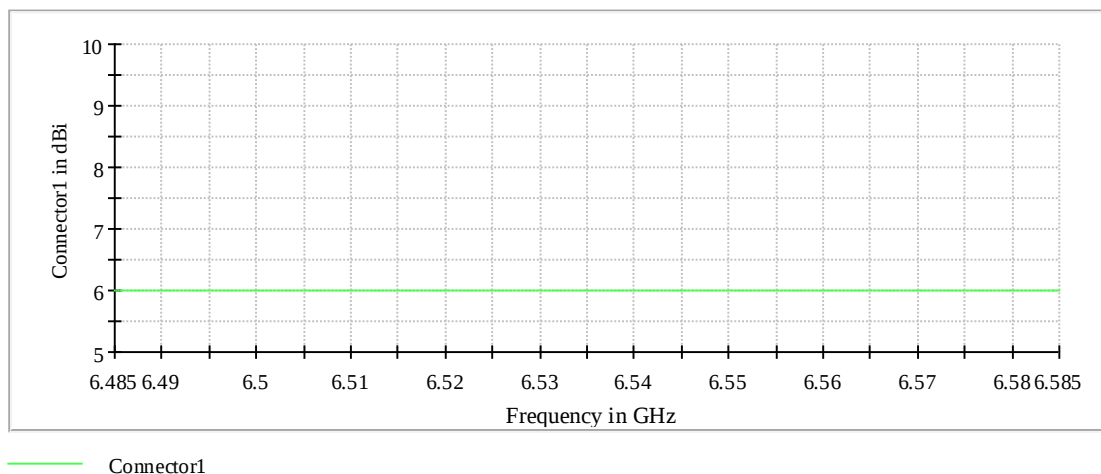
Measurements

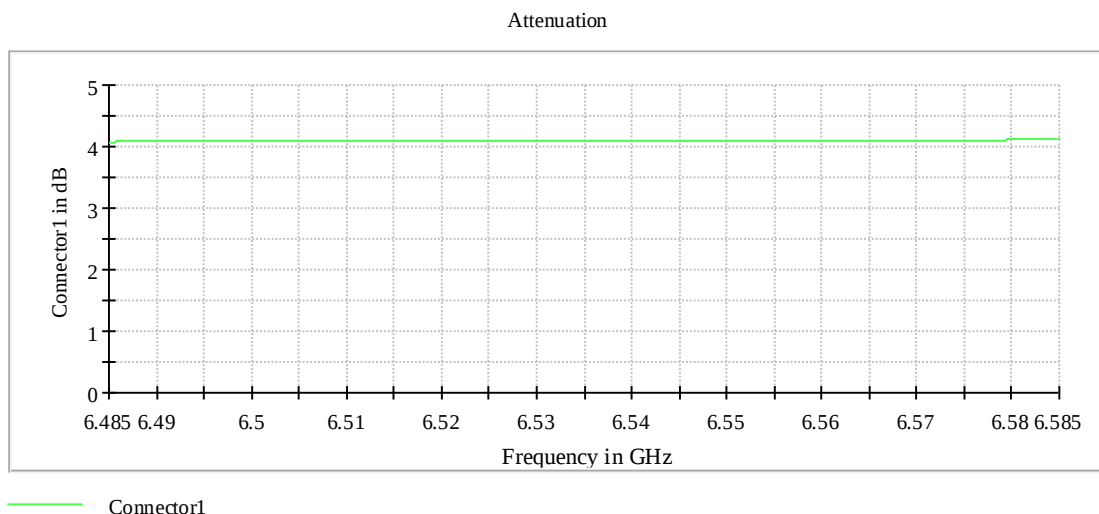
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6527.050000	-5.6	0.0	-5.6	PASS
6543.950000	-5.6	0.0	-5.6	PASS
6527.450000	-5.6	0.0	-5.6	PASS
6528.450000	-5.6	0.0	-5.6	PASS
6544.050000	-5.6	0.0	-5.6	PASS
6539.550000	-5.7	0.1	-5.6	PASS
6527.150000	-5.7	0.1	-5.6	PASS
6543.550000	-5.7	0.1	-5.6	PASS
6527.350000	-5.7	0.1	-5.6	PASS
6526.250000	-5.7	0.1	-5.6	PASS
6526.950000	-5.7	0.1	-5.6	PASS
6528.550000	-5.7	0.1	-5.6	PASS
6526.350000	-5.7	0.2	-5.6	PASS
6525.650000	-5.8	0.2	-5.6	PASS
6532.850000	-5.8	0.2	-5.6	PASS

In Band



Gain





Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.48500 GHz	6.48500 GHz
Stop Frequency	6.58500 GHz	6.58500 GHz
Span	100.000 MHz	100.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	~ 800.000 kHz
SweepPoints	1000	~ 1000
SweepTime	1.050 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off

Occupied Channel Bandwidth 99% (6535 MHz; 24.000 dBm; 20 MHz)

Customized settings.

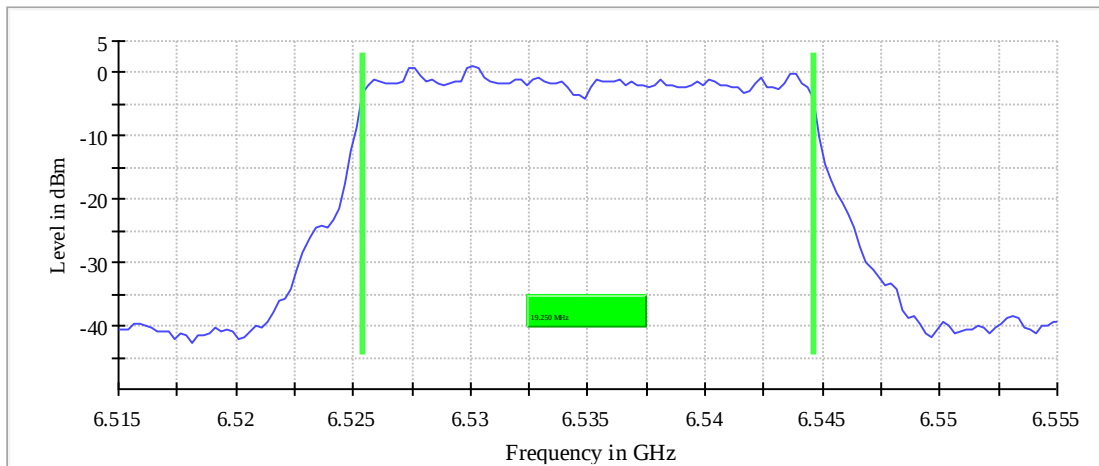
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6535.000000	19.250000	---	320.000000	6525.375000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6535.000000	6544.625000	7125.000000	PASS

99 % Bandwidth



Bandwidth



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Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.51500 GHz	6.51500 GHz
Stop Frequency	6.55500 GHz	6.55500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	≥ 500.000 kHz
VBW	2.000 MHz	≥ 1.500 MHz
SweepPoints	160	~ 160
SweepTime	11.344 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

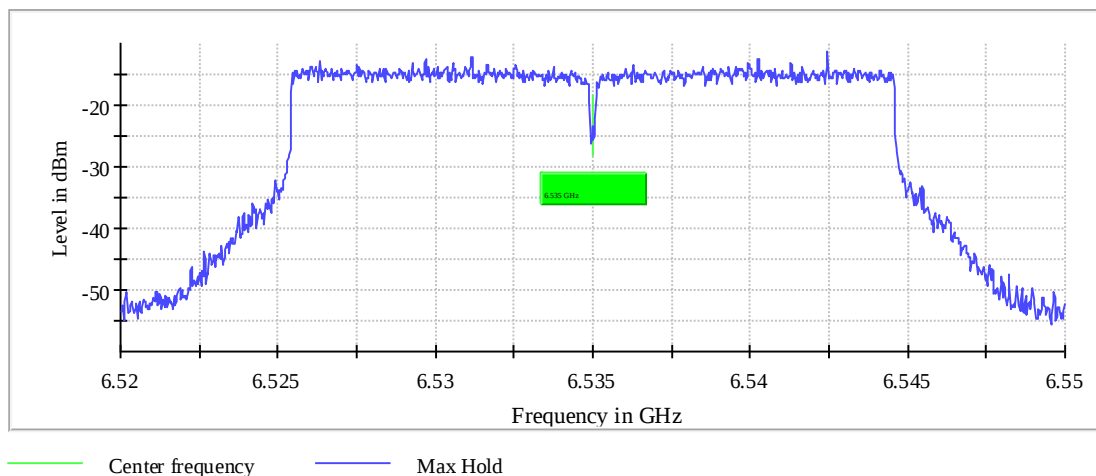
Frequency Stability (6535 MHz; 24.000 dBm; 20 MHz)

Customized settings.

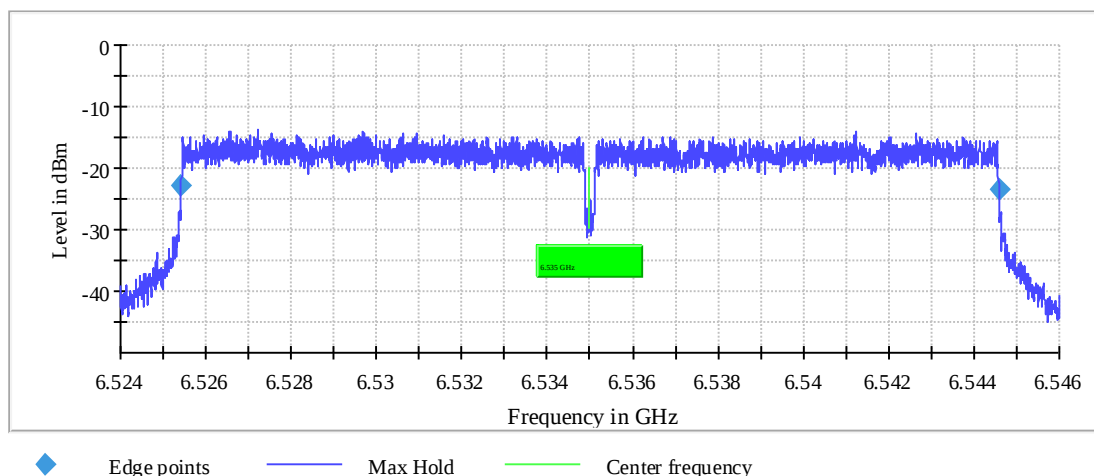
Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6535.000000	6535.000000	0.000	0.000000	---	---	PASS

Frequency stability Pre



Frequency stability



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.52400 GHz	6.52400 GHz
Stop Frequency	6.54600 GHz	6.54600 GHz
Span	22.000 MHz	22.000 MHz
RBW	20.000 kHz	<= 22.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	10001	~ 10001
SweepTime	473.902 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	50	50
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (6695 MHz; 24.000 dBm; 20 MHz)

Customized settings.

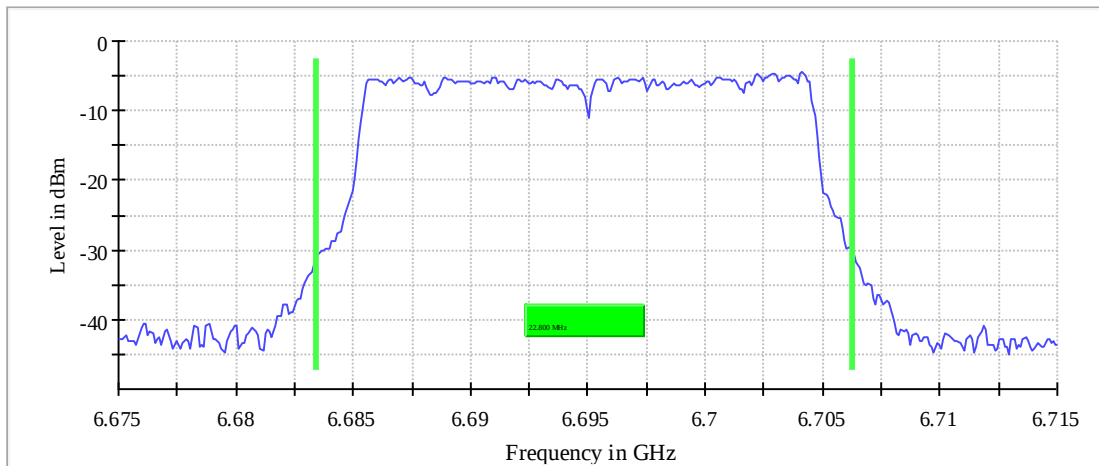
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6695.000000	22.800000	---	320.000000	6683.450000	---

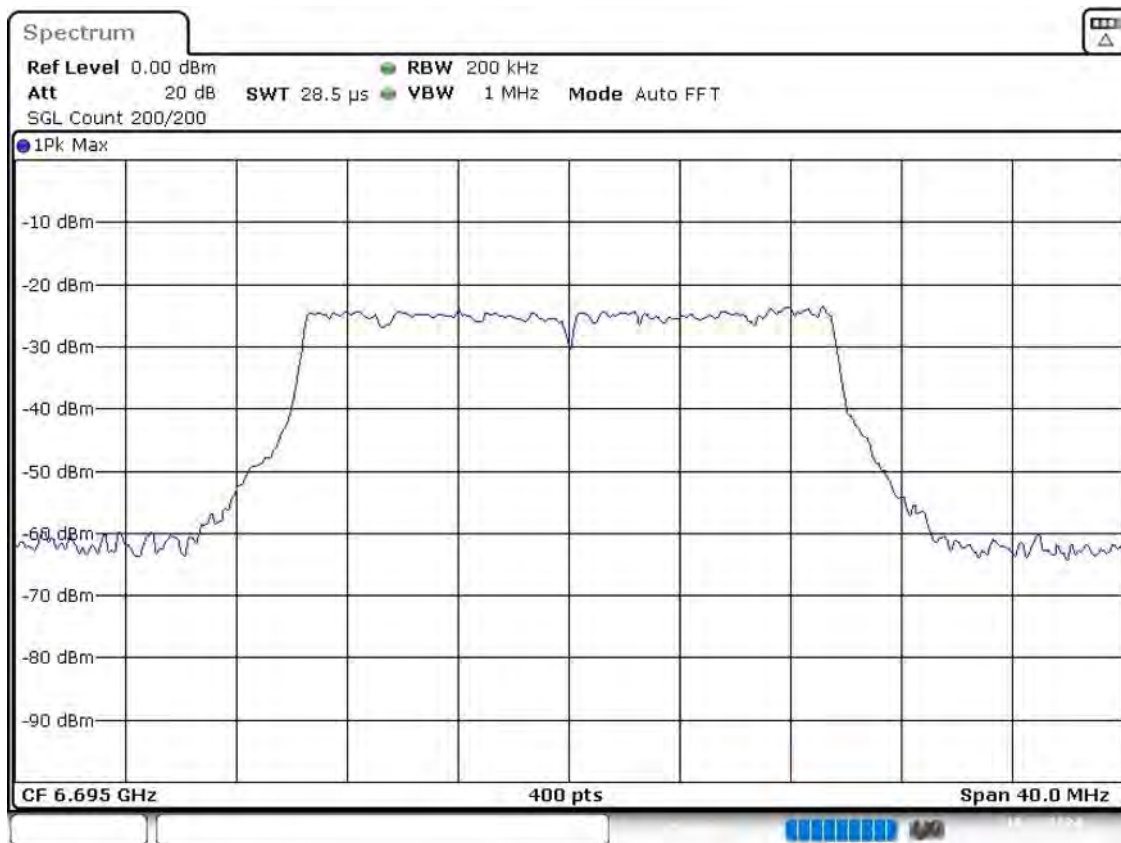
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6695.000000	6706.250000	---	-4.4	PASS

26 dB Bandwidth



Bandwidth



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In-Band Emissions (6695 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6695.000000	PASS

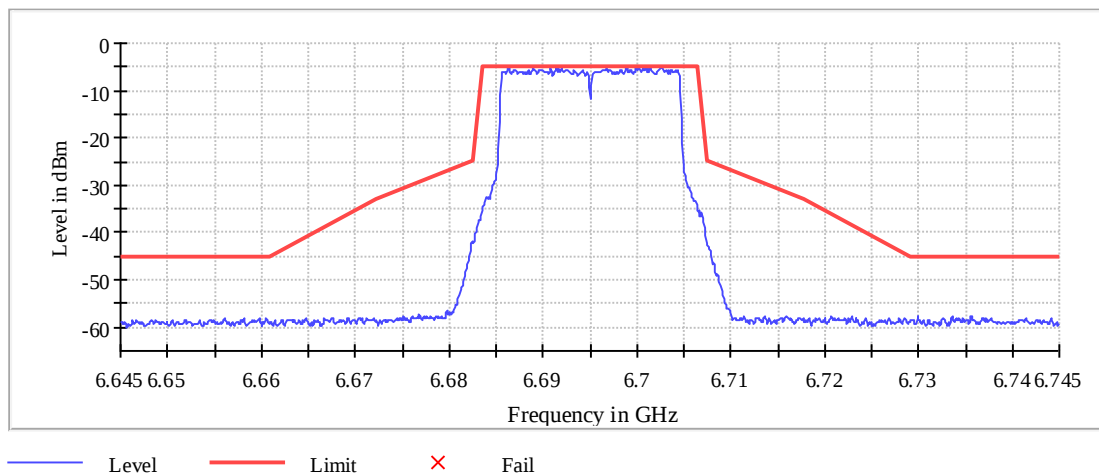
Inband Peak

Frequency (MHz)	Level (dBm)
6702.550000	-4.9

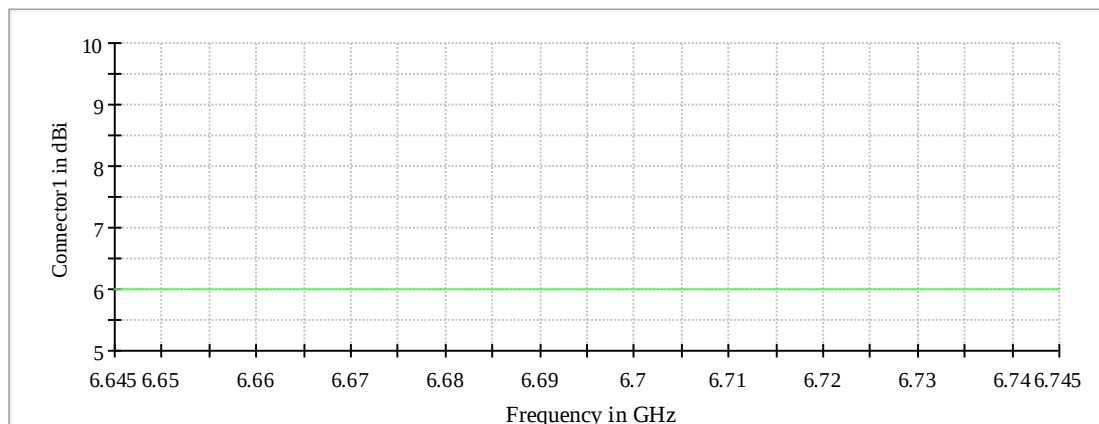
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6698.850000	-5.1	0.2	-4.9	PASS
6686.250000	-5.1	0.2	-4.9	PASS
6699.950000	-5.2	0.2	-4.9	PASS
6700.650000	-5.2	0.3	-4.9	PASS
6700.950000	-5.3	0.3	-4.9	PASS
6702.750000	-5.3	0.3	-4.9	PASS
6700.350000	-5.3	0.3	-4.9	PASS
6701.050000	-5.3	0.4	-4.9	PASS
6699.850000	-5.3	0.4	-4.9	PASS
6701.350000	-5.3	0.4	-4.9	PASS
6701.450000	-5.4	0.4	-4.9	PASS
6696.850000	-5.4	0.4	-4.9	PASS
6700.250000	-5.4	0.4	-4.9	PASS
6700.050000	-5.4	0.4	-4.9	PASS
6702.450000	-5.4	0.5	-4.9	PASS

In Band

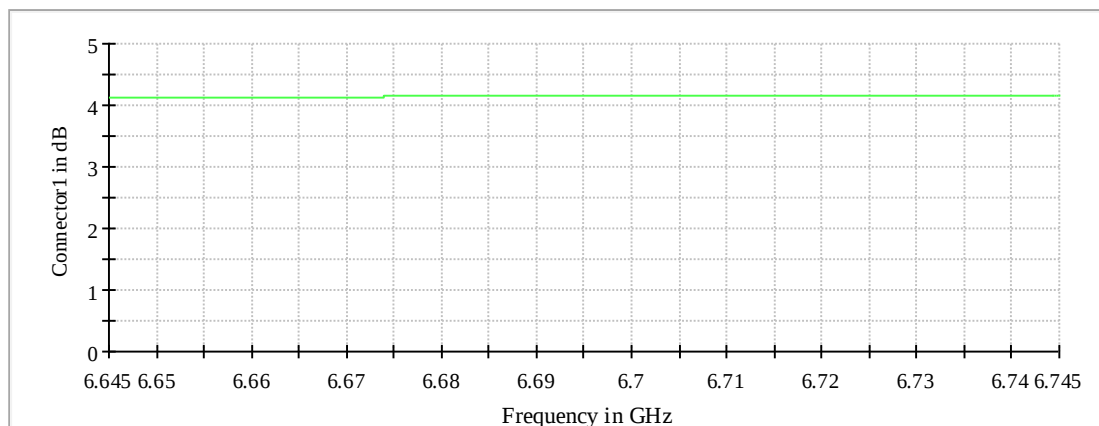


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6695 MHz; 24.000 dBm; 20 MHz)

Customized settings.

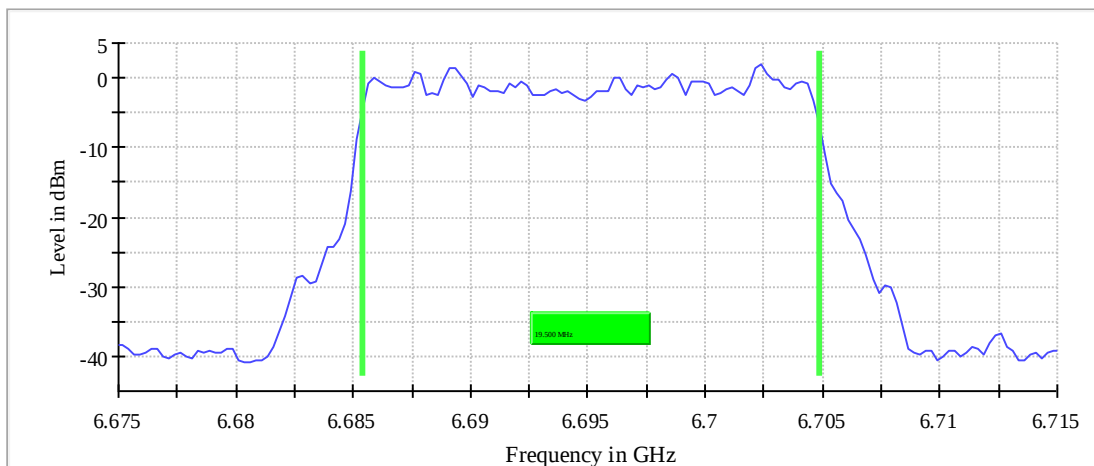
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6695.000000	19.500000	---	320.000000	6685.375000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6695.000000	6704.875000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18.NOV.2024 23:57:28

Emission Bandwidth 26 dB (6875 MHz; 24.000 dBm; 20 MHz)

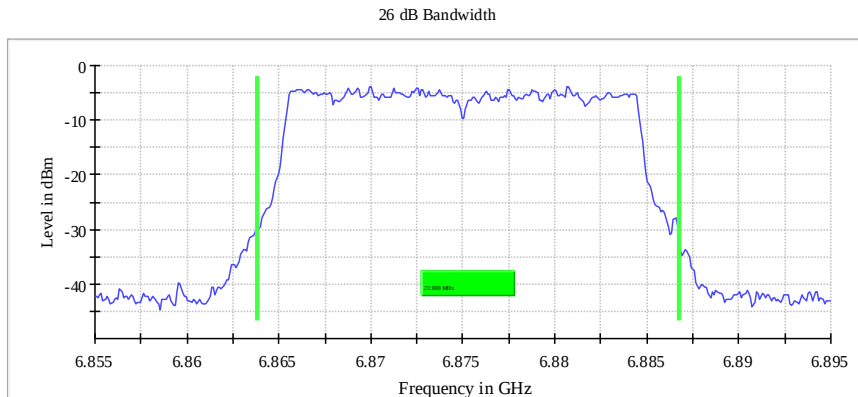
Customized settings.

26 dB Bandwidth

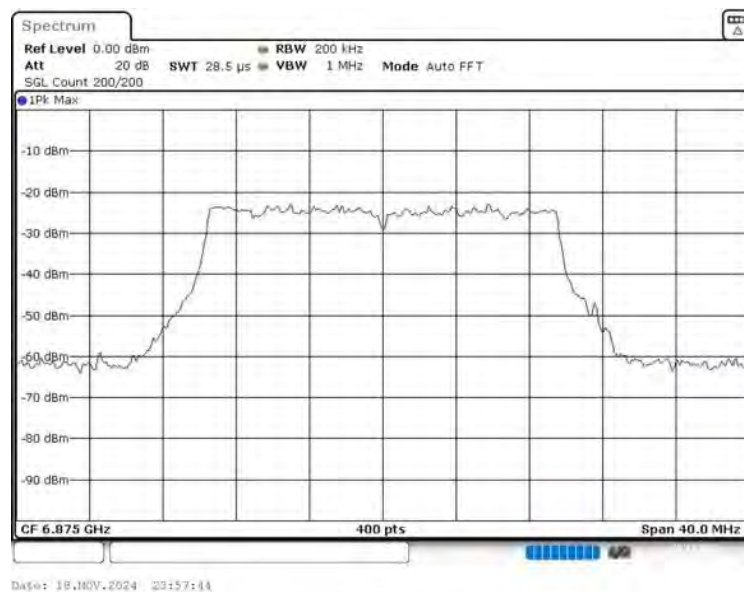
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	22.900000	11.150000	11.750000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6875.000000	6863.850000	---	6886.750000	---	-3.8	PASS



Bandwidth



In-Band Emissions (6875 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

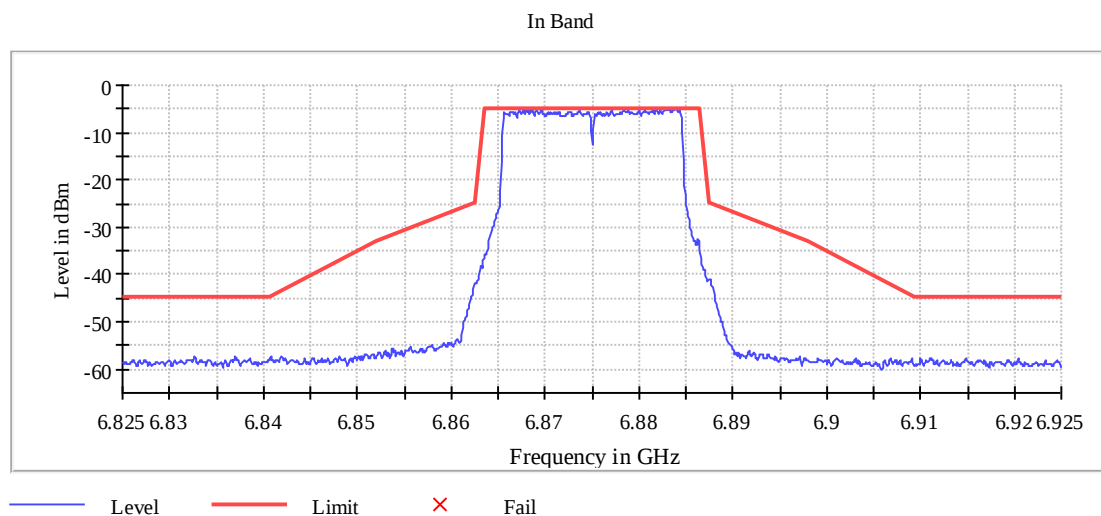
DUT Frequency (MHz)	Result
6875.000000	PASS

Inband Peak

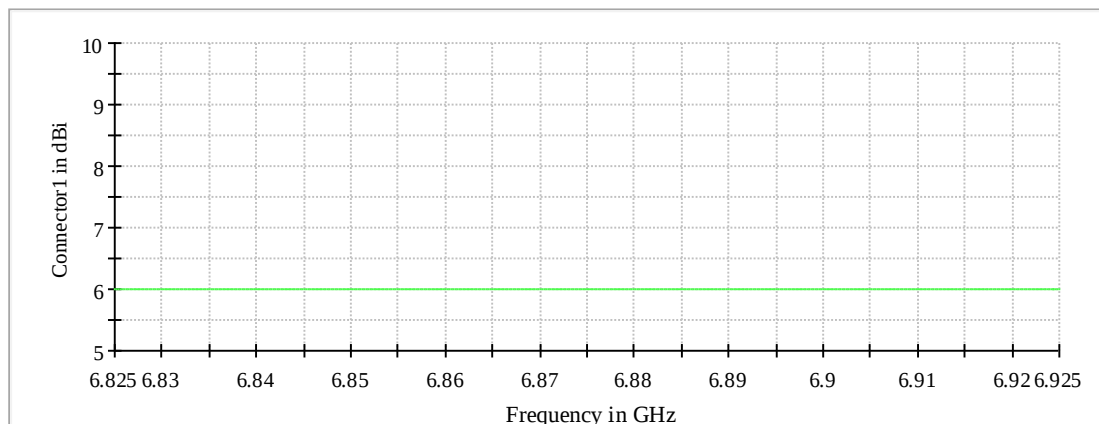
Frequency (MHz)	Level (dBm)
6883.250000	-4.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6883.250000	-4.8	0.0	-4.8	PASS
6884.050000	-4.9	0.1	-4.8	PASS
6882.950000	-5.0	0.2	-4.8	PASS
6868.050000	-5.0	0.2	-4.8	PASS
6883.950000	-5.1	0.2	-4.8	PASS
6882.250000	-5.1	0.2	-4.8	PASS
6881.850000	-5.2	0.3	-4.8	PASS
6881.950000	-5.2	0.3	-4.8	PASS
6883.750000	-5.2	0.4	-4.8	PASS
6881.450000	-5.2	0.4	-4.8	PASS
6881.750000	-5.3	0.4	-4.8	PASS
6883.850000	-5.3	0.4	-4.8	PASS
6877.150000	-5.3	0.4	-4.8	PASS
6880.050000	-5.3	0.5	-4.8	PASS
6867.250000	-5.3	0.5	-4.8	PASS

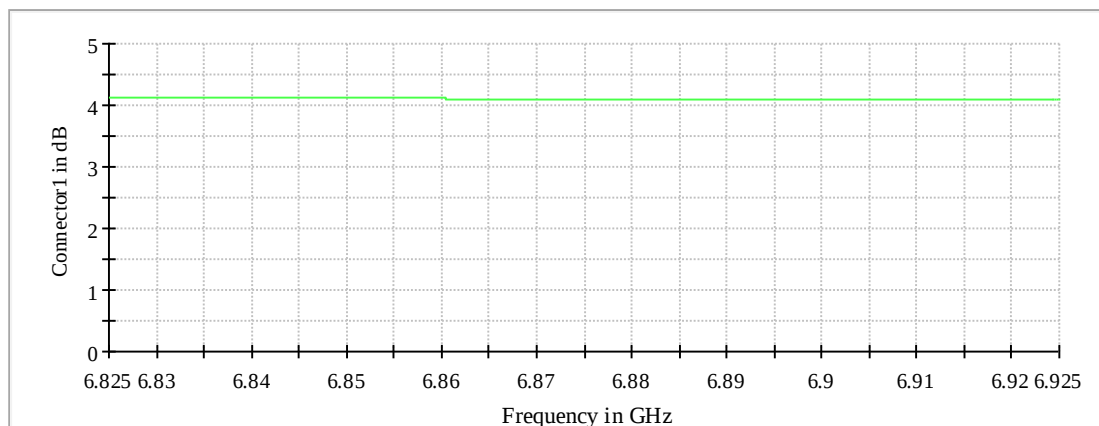


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6875 MHz; 24.000 dBm; 20 MHz)

Customized settings.

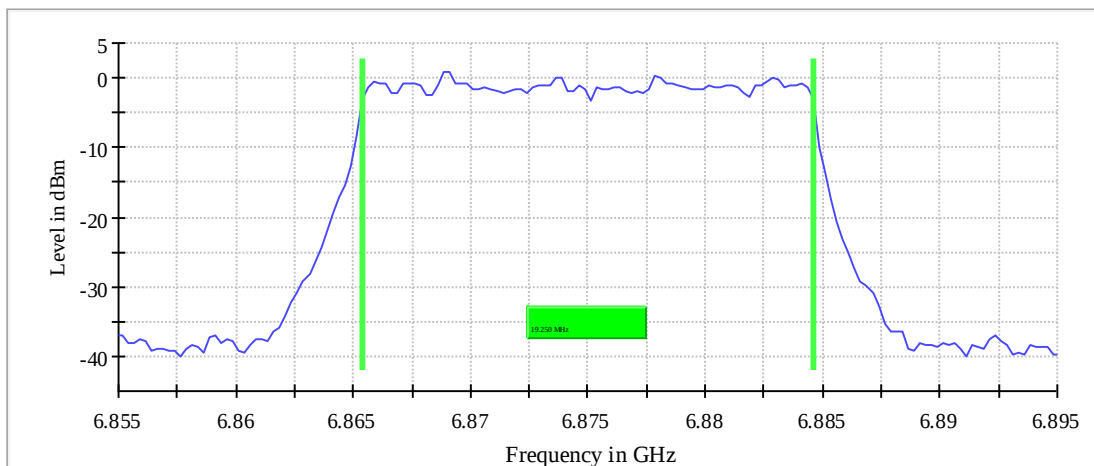
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	19.250000	9.625000	9.625000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6875.000000	6865.375000	5925.000000	6884.625000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18.NOV.2024 23:58:34

Emission Bandwidth 26 dB (6525 MHz; 24.000 dBm; 40 MHz)

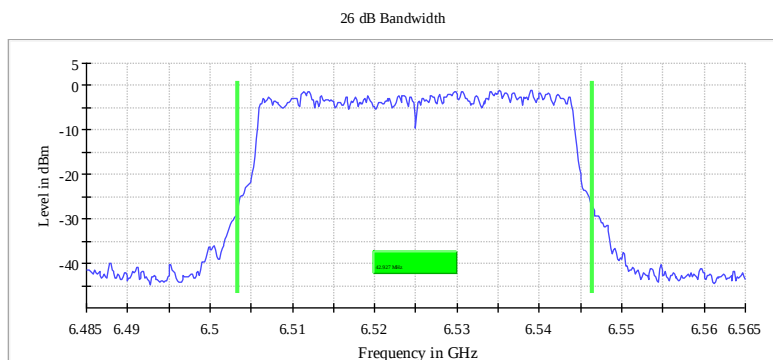
Customized settings.

26 dB Bandwidth

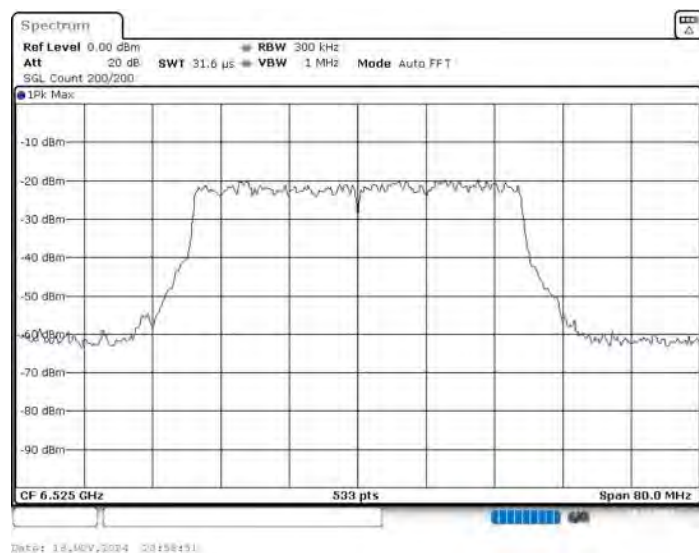
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6525.000000	42.926829	21.613508	21.313321	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6525.000000	6503.386492	---	6546.313321	---	-1.0	PASS



Bandwidth



In-Band Emissions (6525 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6525.000000	PASS

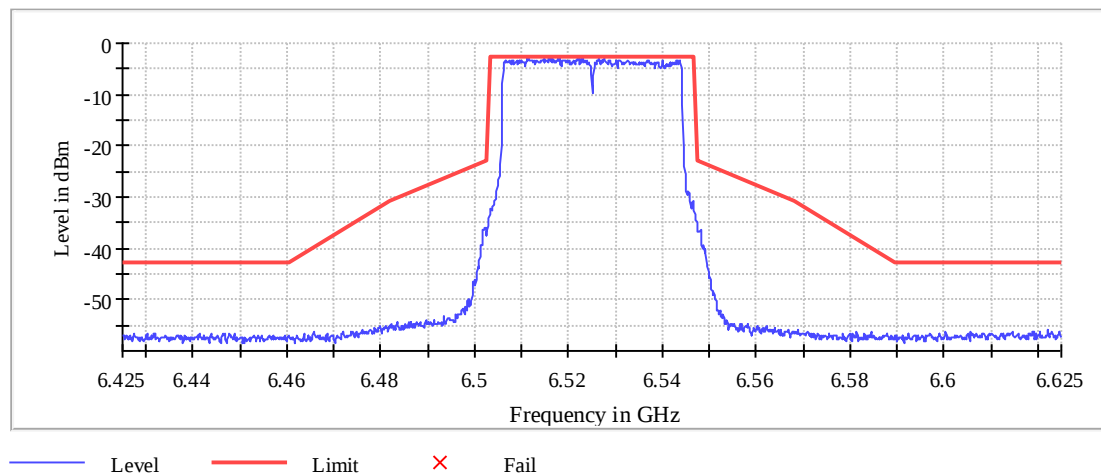
Inband Peak

Frequency (MHz)	Level (dBm)
6517.798200	-2.8

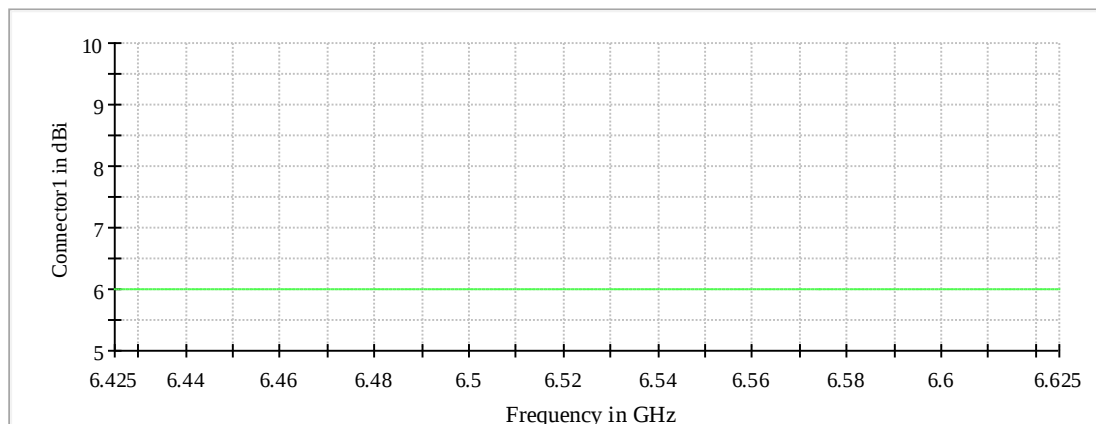
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6527.550638	-2.9	0.2	-2.8	PASS
6518.248312	-3.0	0.2	-2.8	PASS
6522.149287	-3.0	0.2	-2.8	PASS
6515.847712	-3.0	0.3	-2.8	PASS
6522.749437	-3.0	0.3	-2.8	PASS
6516.747937	-3.0	0.3	-2.8	PASS
6511.496624	-3.1	0.3	-2.8	PASS
6511.196549	-3.1	0.3	-2.8	PASS
6521.999250	-3.1	0.3	-2.8	PASS
6527.700675	-3.1	0.3	-2.8	PASS
6516.147787	-3.1	0.3	-2.8	PASS
6523.049512	-3.1	0.3	-2.8	PASS
6526.500375	-3.1	0.4	-2.8	PASS
6515.697674	-3.1	0.4	-2.8	PASS
6522.899475	-3.1	0.4	-2.8	PASS

In Band

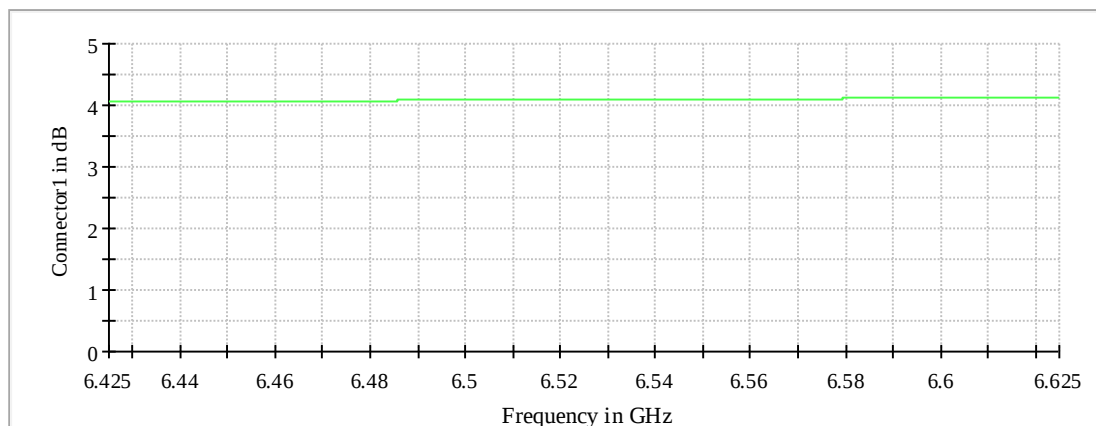


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6525 MHz; 24.000 dBm; 40 MHz)

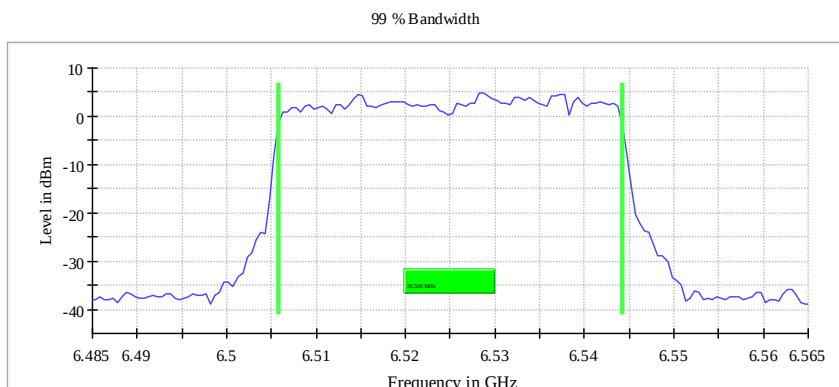
Customized settings.

99 % Bandwidth

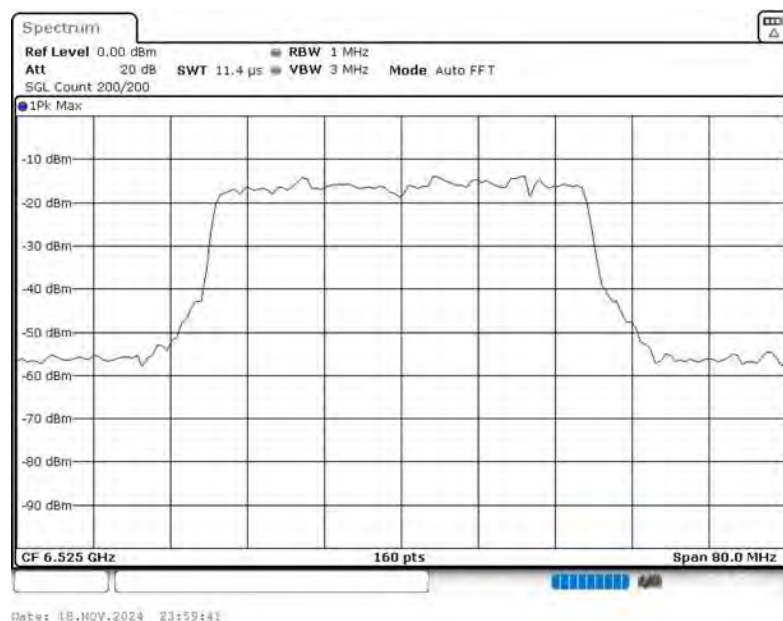
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6525.000000	38.500000	19.250000	19.250000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6525.000000	6505.750000	5925.000000	6544.250000	7125.000000	PASS



Bandwidth



Emission Bandwidth 26 dB (6685 MHz; 24.000 dBm; 40 MHz)

Customized settings.

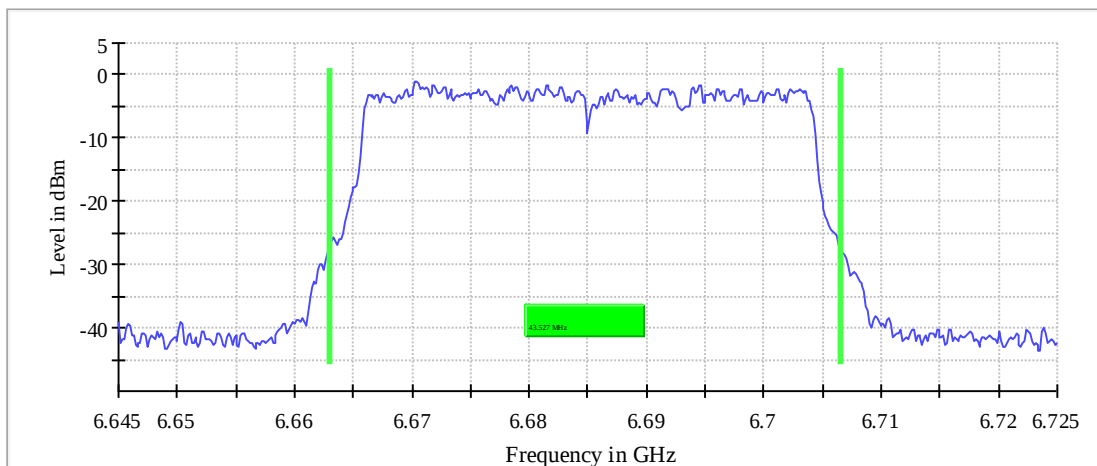
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6685.000000	43.527205	---	320.000000	6662.936210	---

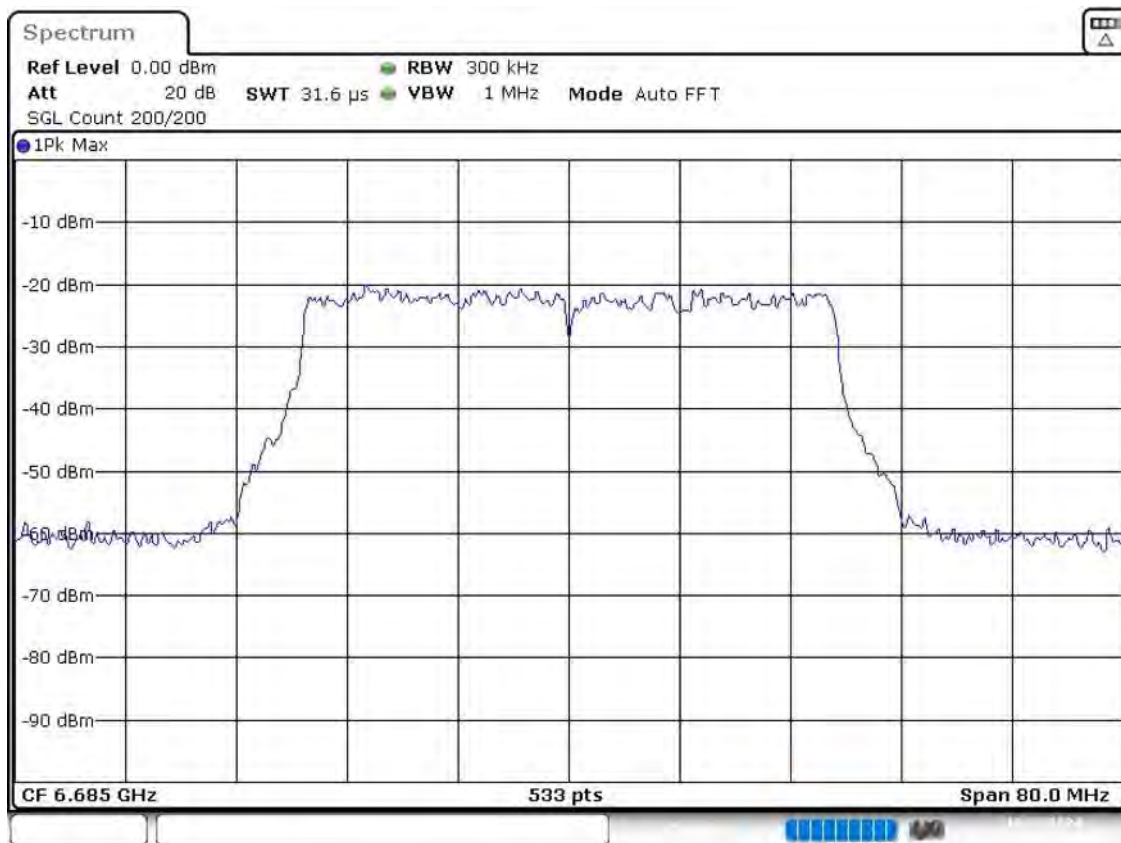
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6685.000000	6706.463415	---	-1.0	PASS

26 dB Bandwidth



Bandwidth



Date: 19.NOV.2024 00:00:24

In-Band Emissions (6685 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6685.000000	PASS

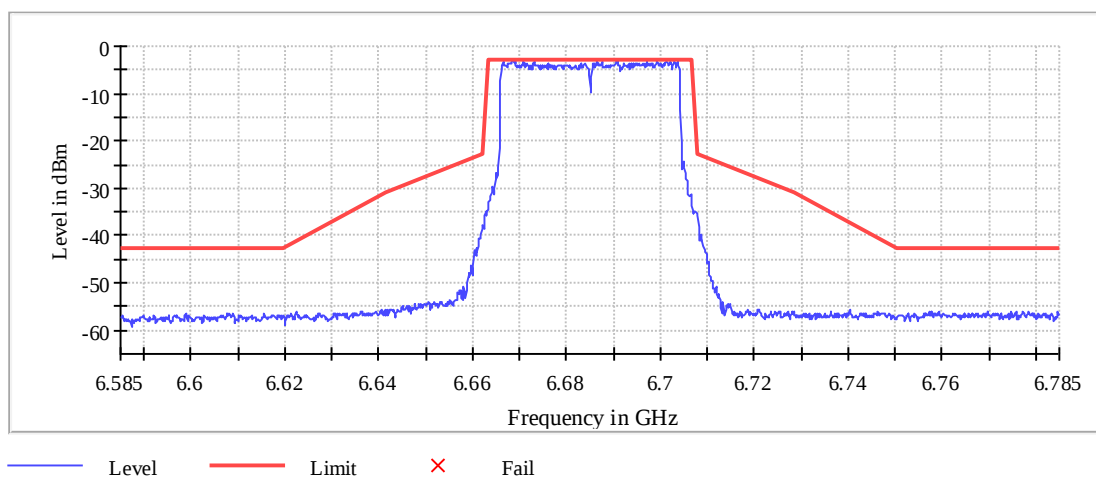
Inband Peak

Frequency (MHz)	Level (dBm)
6668.645911	-2.8

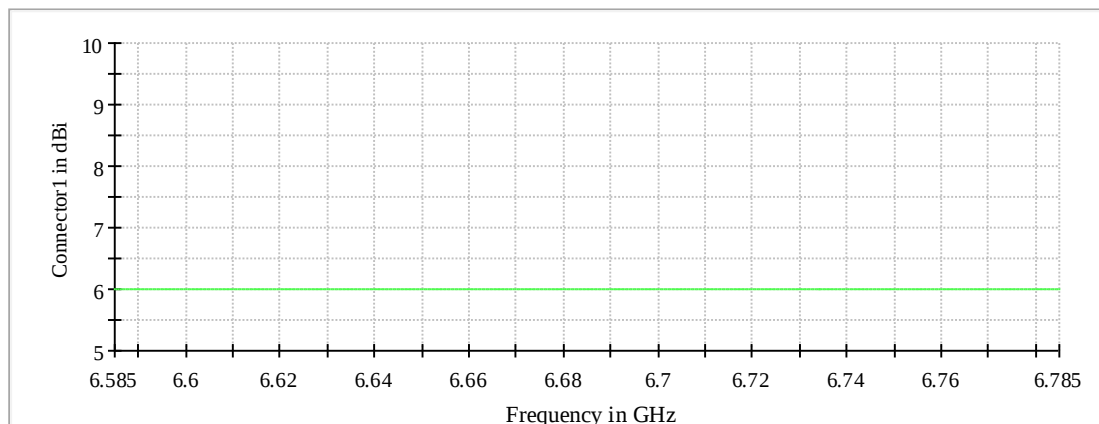
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6690.851463	-2.9	0.0	-2.8	PASS
6701.354089	-3.1	0.2	-2.8	PASS
6668.795949	-3.1	0.3	-2.8	PASS
6702.254314	-3.2	0.3	-2.8	PASS
6687.550638	-3.2	0.4	-2.8	PASS
6668.495874	-3.2	0.4	-2.8	PASS
6668.345836	-3.3	0.4	-2.8	PASS
6699.403601	-3.3	0.4	-2.8	PASS
6703.754689	-3.3	0.5	-2.8	PASS
6702.104276	-3.3	0.5	-2.8	PASS
6666.545386	-3.3	0.5	-2.8	PASS
6687.700675	-3.3	0.5	-2.8	PASS
6703.004501	-3.3	0.5	-2.8	PASS
6701.204051	-3.3	0.5	-2.8	PASS
6690.701425	-3.3	0.5	-2.8	PASS

In Band

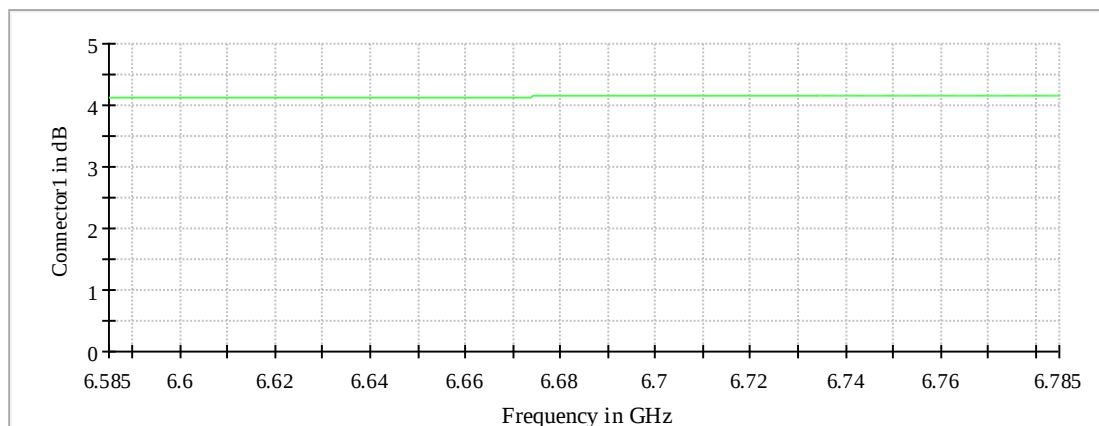


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6685 MHz; 24.000 dBm; 40 MHz)

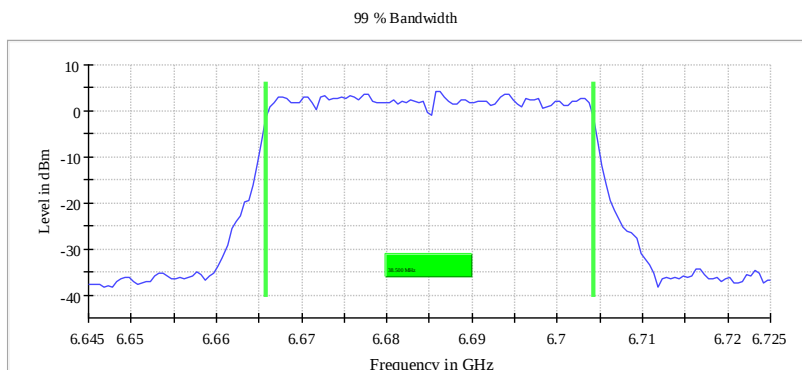
Customized settings.

99 % Bandwidth

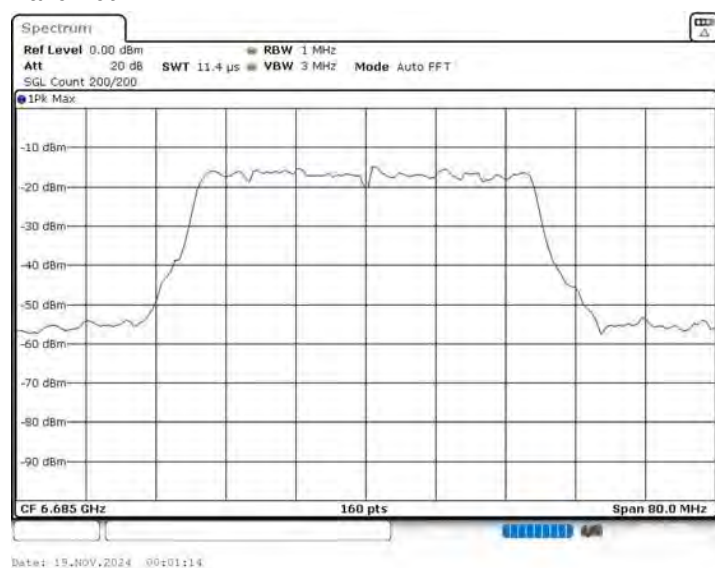
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6685.000000	38.500000	---	320.000000	6665.750000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6685.000000	6704.250000	7125.000000	PASS



Bandwidth



Emission Bandwidth 26 dB (6885 MHz; 24.000 dBm; 40 MHz)

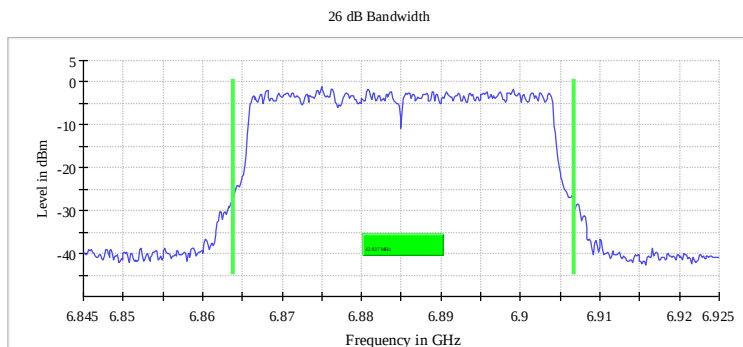
Customized settings.

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	42.926829	11.163227	31.763602	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6885.000000	6863.836773	---	6906.763602	---	-1.1	PASS



Bandwidth



In-Band Emissions (6885 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6885.000000	PASS

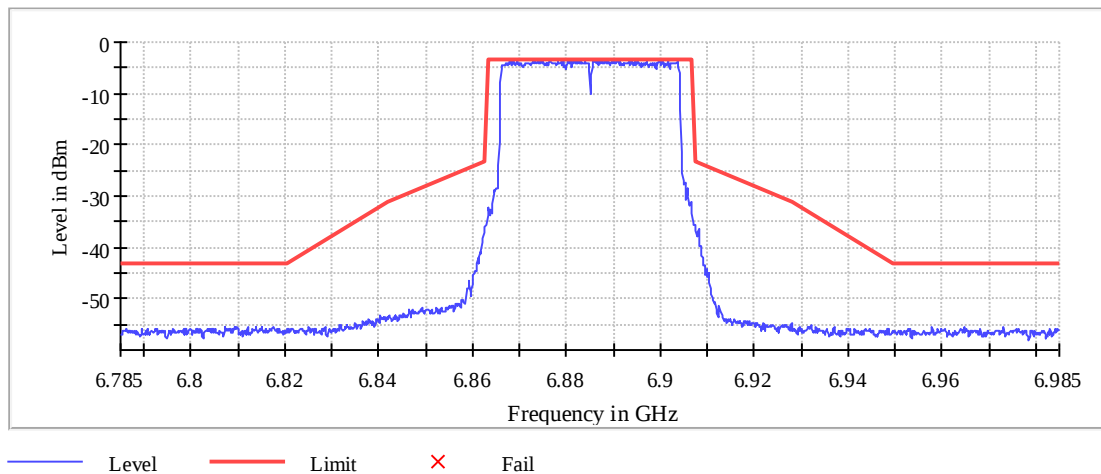
Inband Peak

Frequency (MHz)	Level (dBm)
6882.299325	-3.2

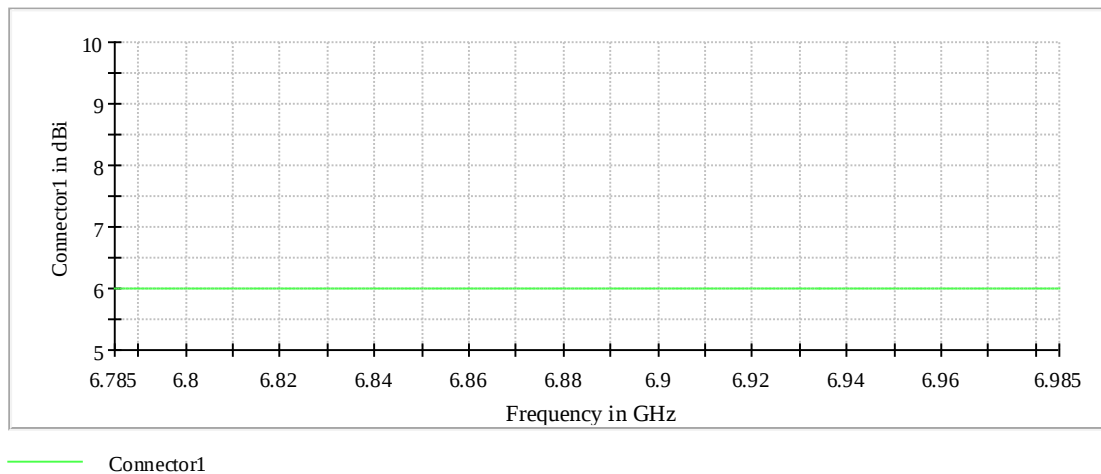
Measurements

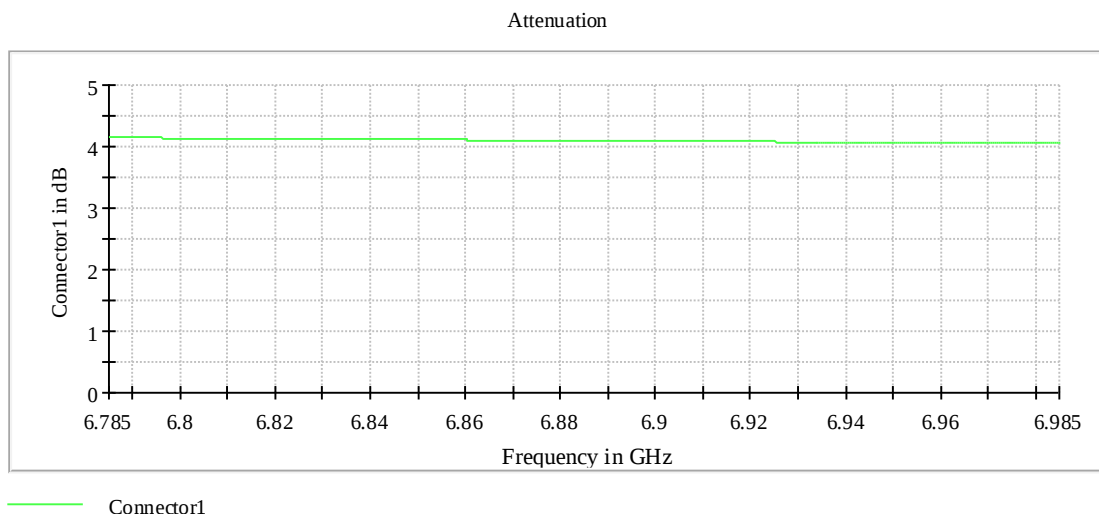
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6888.300825	-3.3	0.1	-3.2	PASS
6873.897224	-3.3	0.1	-3.2	PASS
6881.699175	-3.3	0.1	-3.2	PASS
6886.050263	-3.4	0.1	-3.2	PASS
6874.947487	-3.4	0.2	-3.2	PASS
6872.996999	-3.4	0.2	-3.2	PASS
6883.949737	-3.5	0.2	-3.2	PASS
6886.950488	-3.5	0.2	-3.2	PASS
6876.447862	-3.5	0.3	-3.2	PASS
6893.852213	-3.5	0.3	-3.2	PASS
6874.047262	-3.5	0.3	-3.2	PASS
6876.597899	-3.6	0.3	-3.2	PASS
6885.900225	-3.6	0.3	-3.2	PASS
6887.100525	-3.6	0.3	-3.2	PASS
6887.400600	-3.6	0.4	-3.2	PASS

In Band



Gain





Occupied Channel Bandwidth 99% (6885 MHz; 24.000 dBm; 40 MHz)

Customized settings.

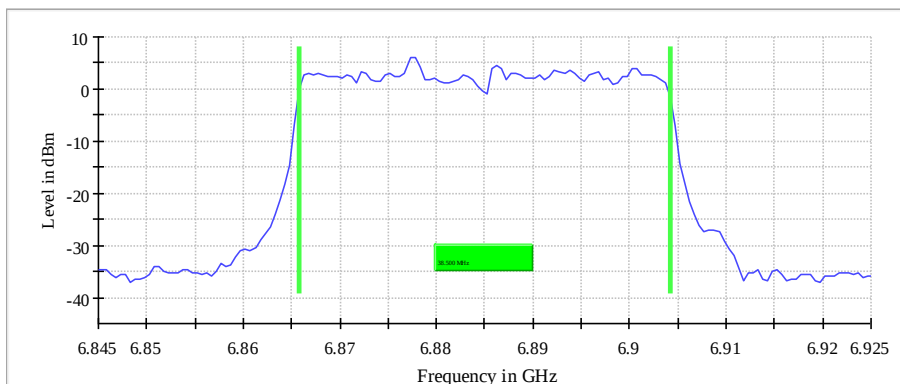
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	38.500000	9.250000	29.250000	---	320.000000

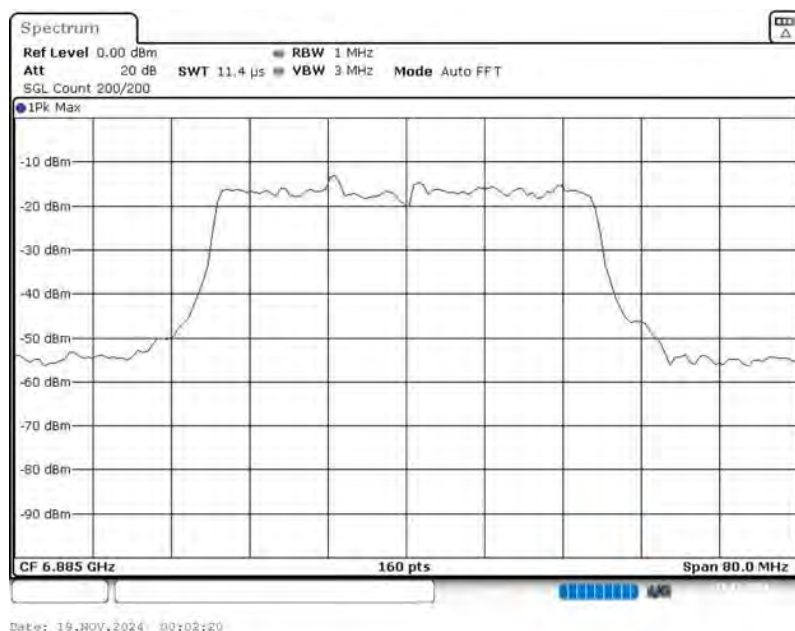
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6885.000000	6865.750000	5925.000000	6904.250000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Emission Bandwidth 26 dB (6545 MHz; 24.000 dBm; 80 MHz)

Customized settings.

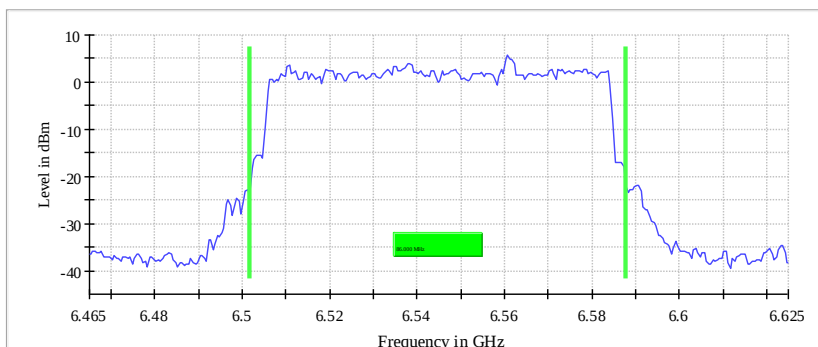
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	86.000000	23.250000	62.750000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6545.000000	6501.750000	---	6587.750000	---	5.6	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6545 MHz; 24.000 dBm; 80 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6545.000000	PASS

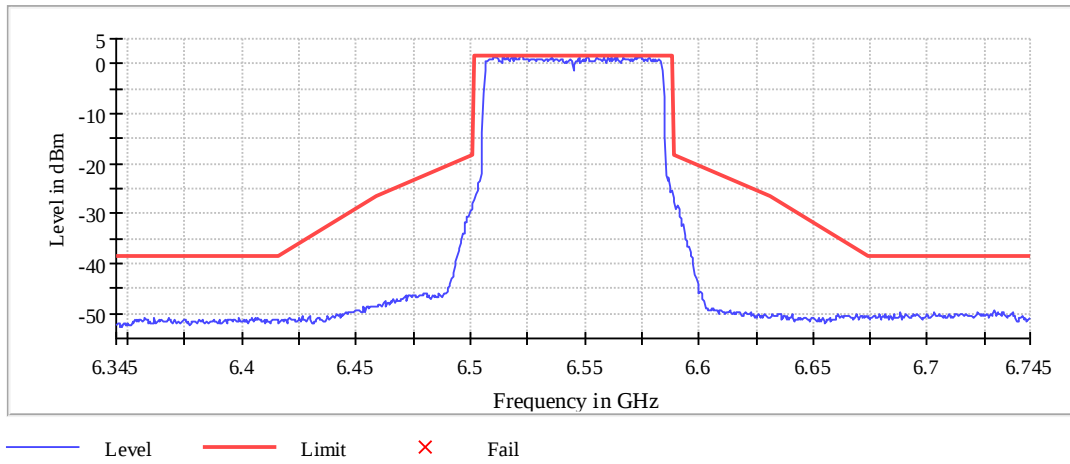
Inband Peak

Frequency (MHz)	Level (dBm)
6519.750000	1.6

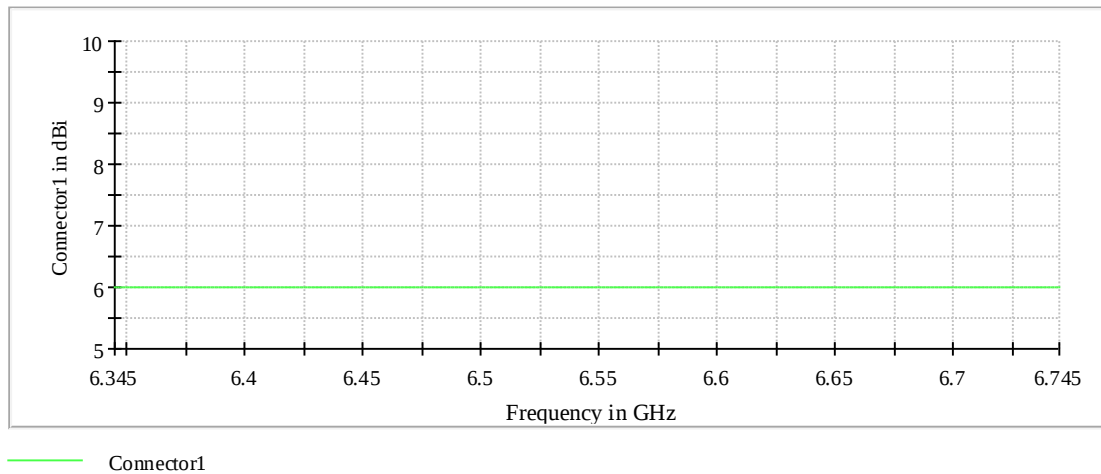
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6522.250000	1.5	0.1	1.6	PASS
6551.250000	1.5	0.1	1.6	PASS
6572.250000	1.5	0.1	1.6	PASS
6516.250000	1.5	0.2	1.6	PASS
6560.250000	1.4	0.2	1.6	PASS
6563.250000	1.4	0.2	1.6	PASS
6578.750000	1.3	0.3	1.6	PASS
6564.250000	1.3	0.3	1.6	PASS
6573.750000	1.3	0.3	1.6	PASS
6558.250000	1.3	0.3	1.6	PASS
6511.750000	1.3	0.3	1.6	PASS
6561.750000	1.3	0.3	1.6	PASS
6510.250000	1.3	0.3	1.6	PASS
6518.250000	1.3	0.4	1.6	PASS
6574.750000	1.3	0.4	1.6	PASS

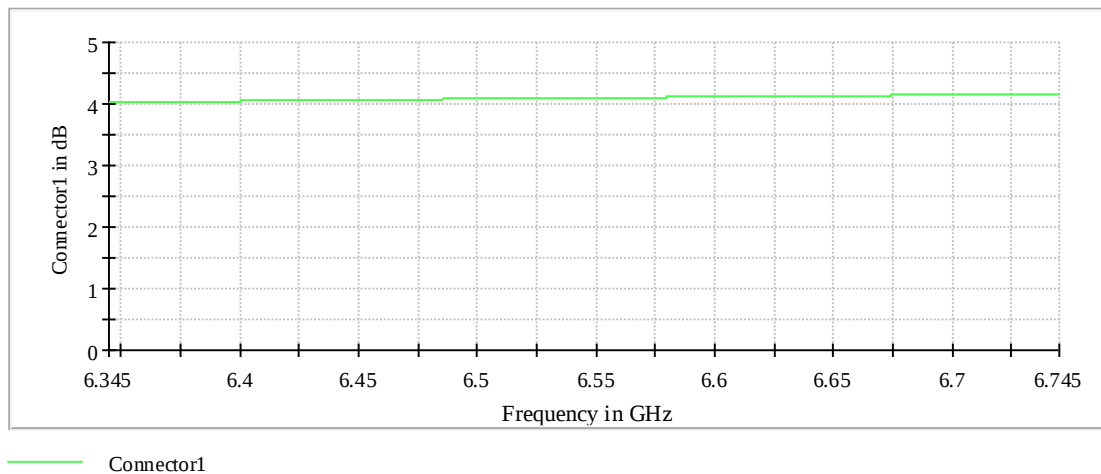
In Band



Gain



Attenuation



Occupied Channel Bandwidth 99% (6545 MHz; 24.000 dBm; 80 MHz)

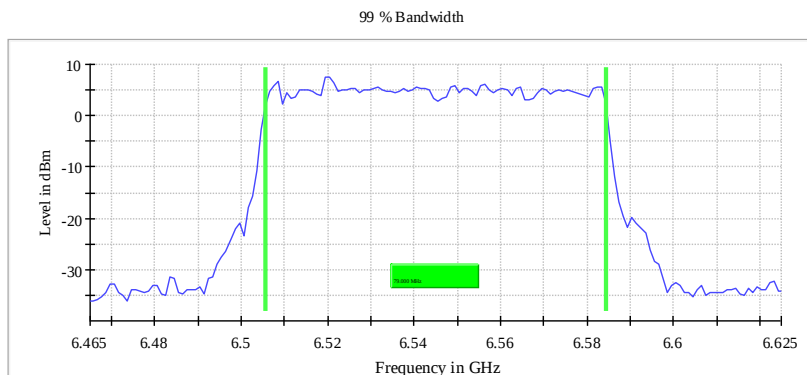
Customized settings.

99 % Bandwidth

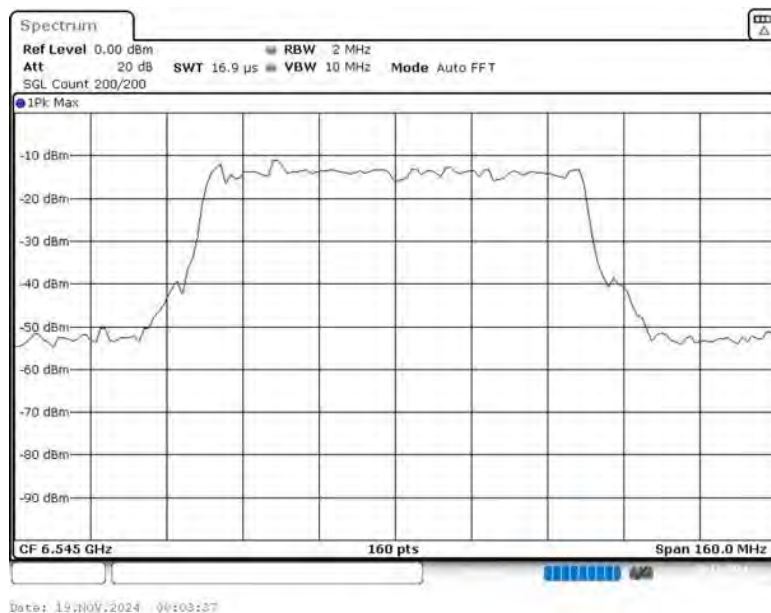
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	79.000000	19.500000	59.500000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6545.000000	6505.500000	5925.000000	6584.500000	7125.000000	PASS



Bandwidth



Emission Bandwidth 26 dB (6705 MHz; 24.000 dBm; 80 MHz)

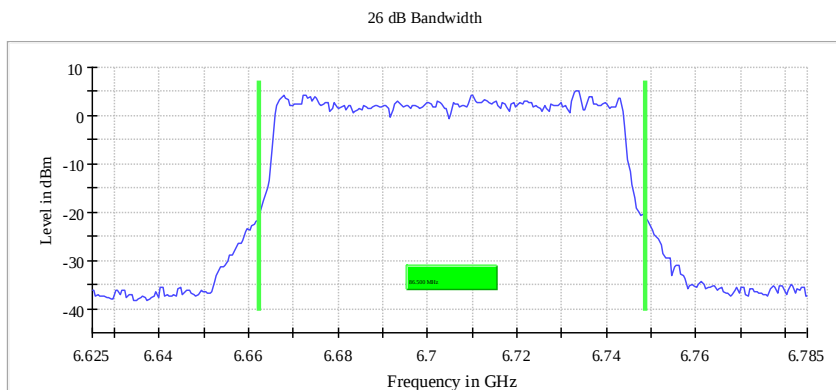
Customized settings.

26 dB Bandwidth

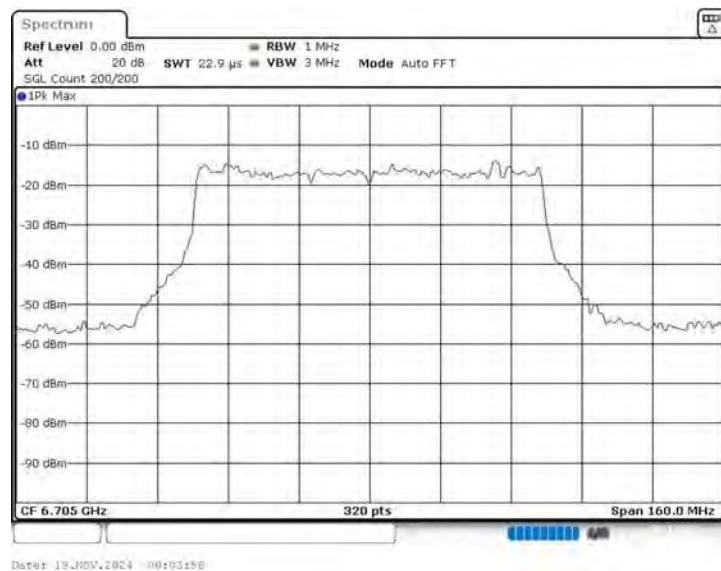
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6705.000000	86.500000	---	320.000000	6662.250000	---

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6705.000000	6748.750000	---	5.3	PASS



Bandwidth



In-Band Emissions (6705 MHz; 24.000 dBm; 80 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6705.000000	PASS

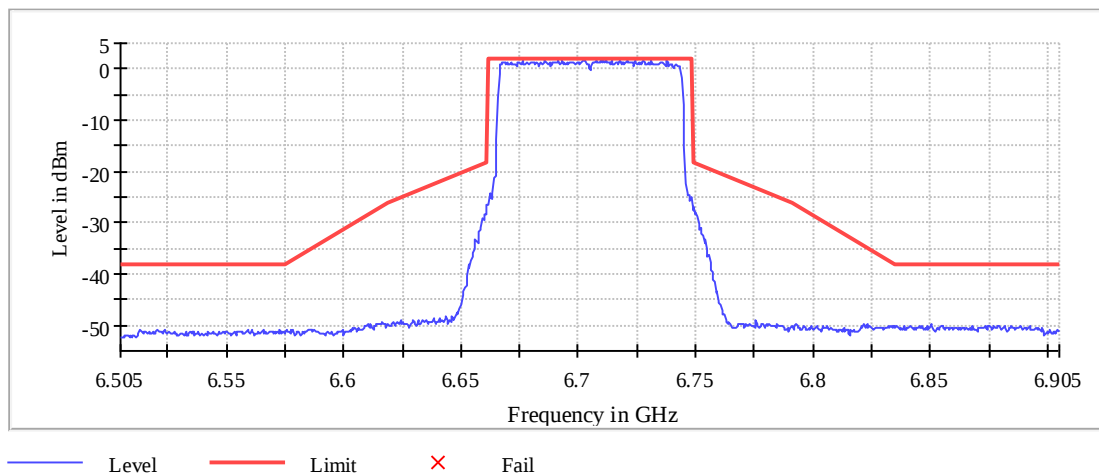
Inband Peak

Frequency (MHz)	Level (dBm)
6711.750000	1.8

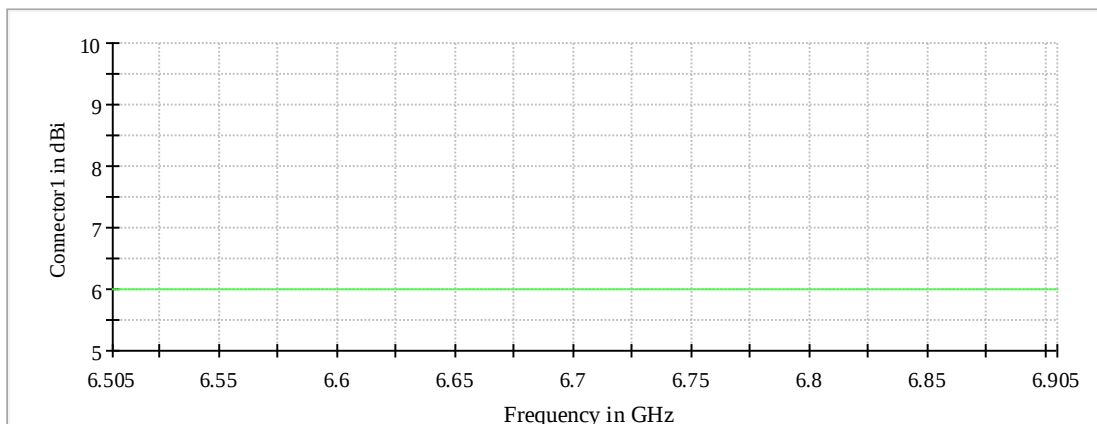
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6717.750000	1.7	0.1	1.8	PASS
6731.250000	1.7	0.1	1.8	PASS
6707.750000	1.7	0.2	1.8	PASS
6702.250000	1.7	0.2	1.8	PASS
6703.250000	1.6	0.2	1.8	PASS
6727.750000	1.6	0.2	1.8	PASS
6685.750000	1.6	0.2	1.8	PASS
6720.750000	1.6	0.2	1.8	PASS
6676.250000	1.6	0.2	1.8	PASS
6693.250000	1.6	0.3	1.8	PASS
6724.250000	1.6	0.3	1.8	PASS
6701.750000	1.6	0.3	1.8	PASS
6691.750000	1.5	0.3	1.8	PASS
6702.750000	1.5	0.3	1.8	PASS
6737.750000	1.5	0.4	1.8	PASS

In Band

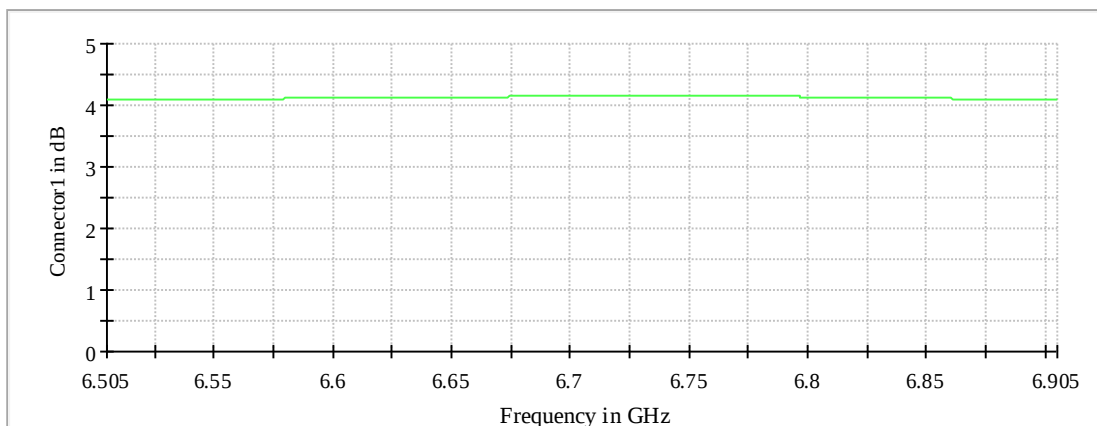


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6705 MHz; 24.000 dBm; 80 MHz)

Customized settings.

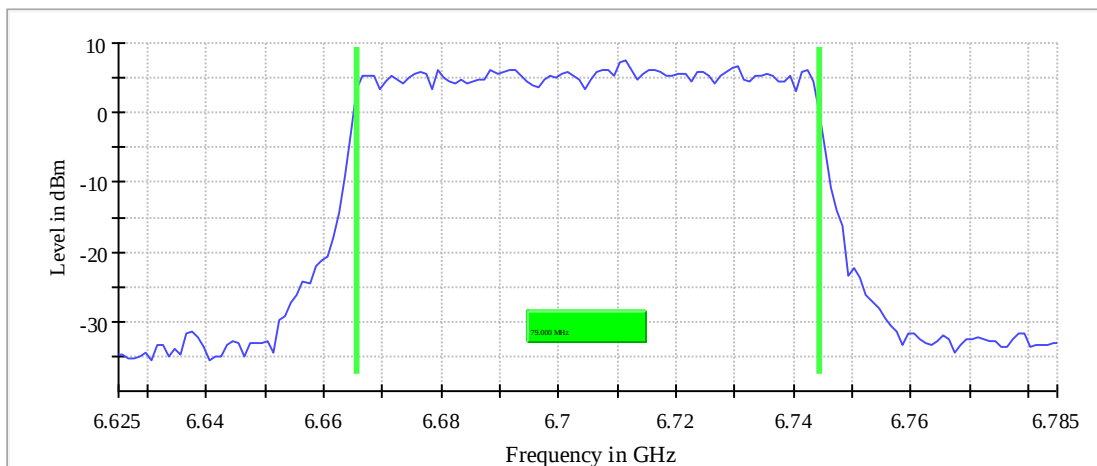
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6705.000000	79.000000	---	320.000000	6665.500000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6705.000000	6744.500000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 19.NOV.2024 00:04:59

Emission Bandwidth 26 dB (6865 MHz; 24.000 dBm; 80 MHz)

Customized settings.

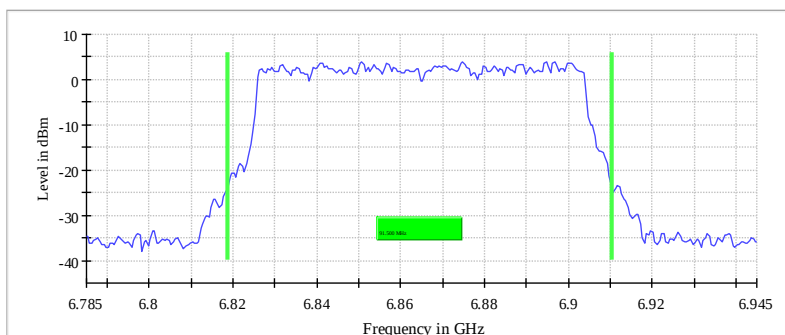
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	91.500000	56.250000	35.250000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6865.000000	6818.750000	---	6910.250000	---	3.9	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6865 MHz; 24.000 dBm; 80 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6865.000000	PASS

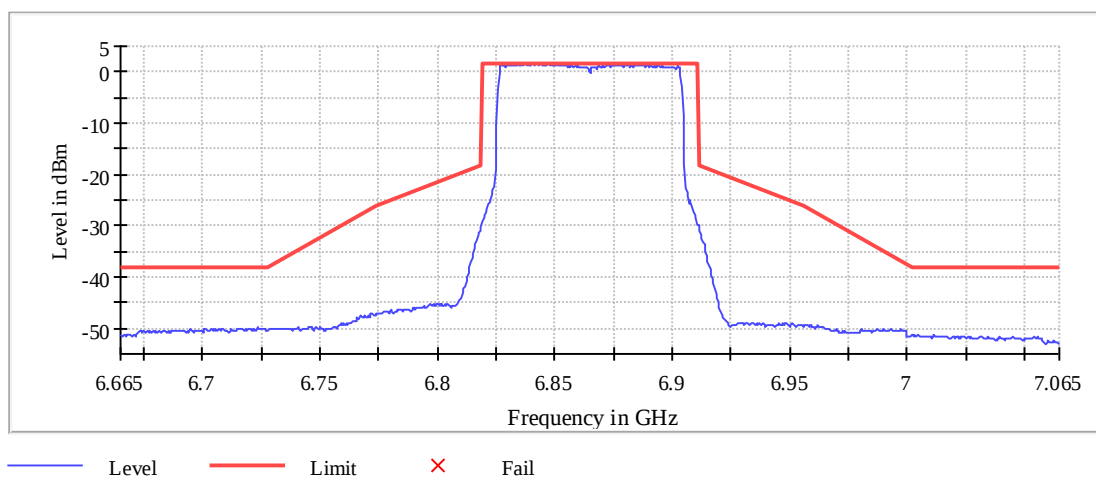
Inband Peak

Frequency (MHz)	Level (dBm)
6844.250000	1.7

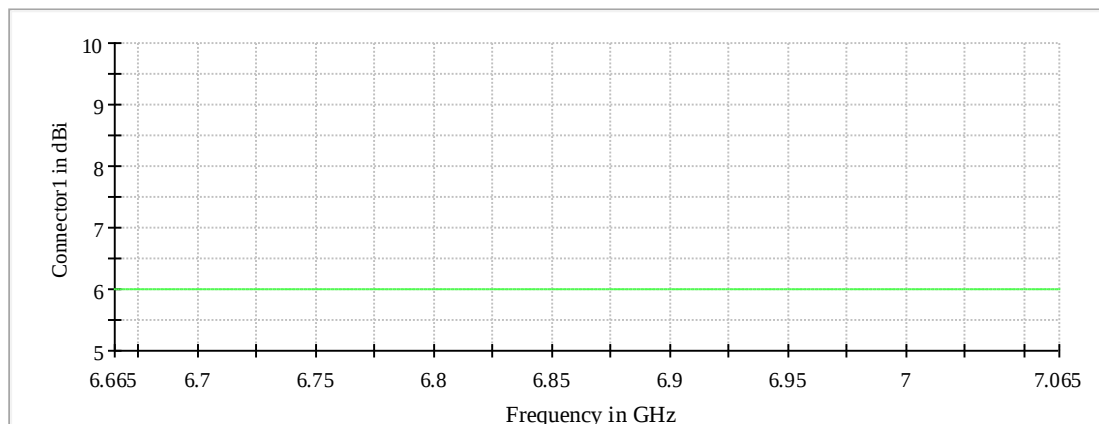
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6834.750000	1.6	0.1	1.7	PASS
6850.750000	1.6	0.1	1.7	PASS
6848.750000	1.6	0.2	1.7	PASS
6847.250000	1.5	0.2	1.7	PASS
6838.750000	1.5	0.2	1.7	PASS
6843.750000	1.5	0.2	1.7	PASS
6837.750000	1.5	0.2	1.7	PASS
6842.250000	1.5	0.2	1.7	PASS
6881.750000	1.5	0.3	1.7	PASS
6840.250000	1.5	0.3	1.7	PASS
6840.750000	1.5	0.3	1.7	PASS
6841.750000	1.5	0.3	1.7	PASS
6837.250000	1.5	0.3	1.7	PASS
6836.250000	1.5	0.3	1.7	PASS
6842.750000	1.5	0.3	1.7	PASS

In Band

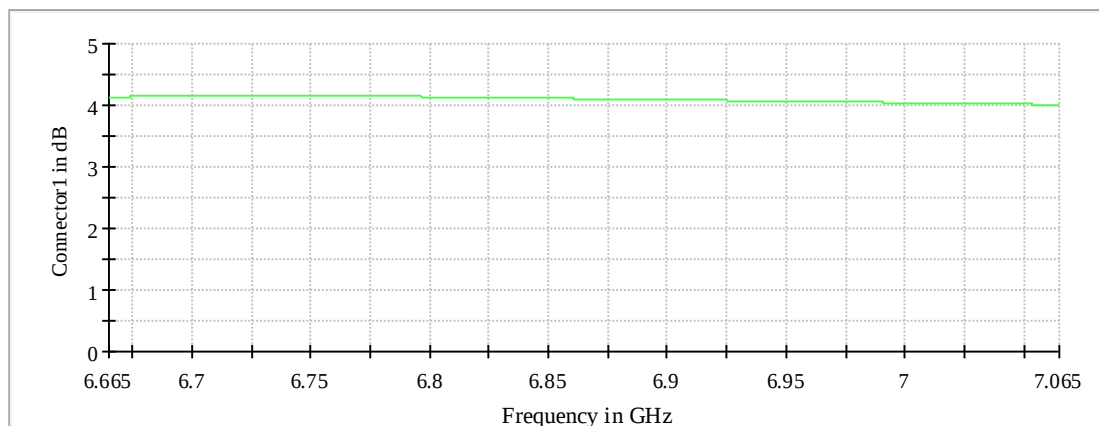


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6865 MHz; 24.000 dBm; 80 MHz)

Customized settings.

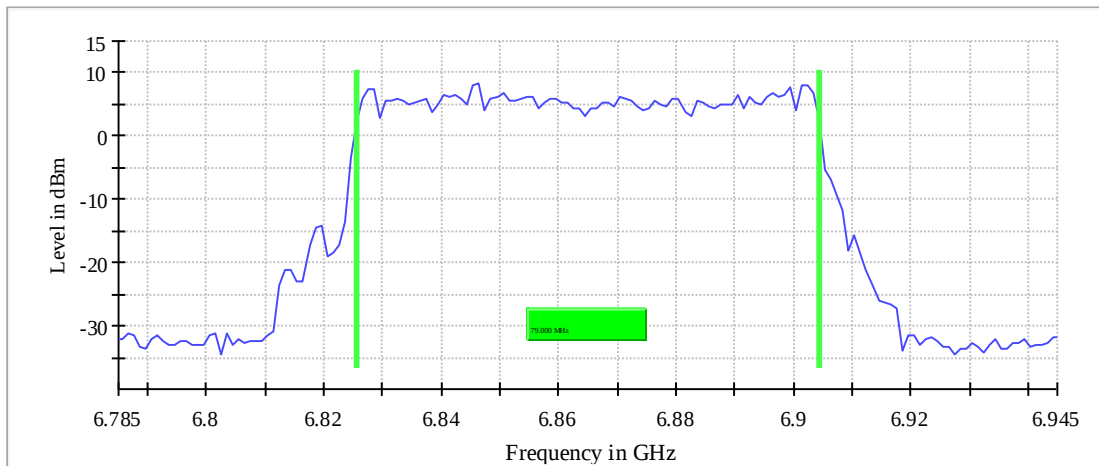
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	79.000000	49.500000	29.500000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6865.000000	6825.500000	5925.000000	6904.500000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 19.NOV.2024 00:06:47

Emission Bandwidth 26 dB (6505 MHz; 24.000 dBm; 160 MHz)

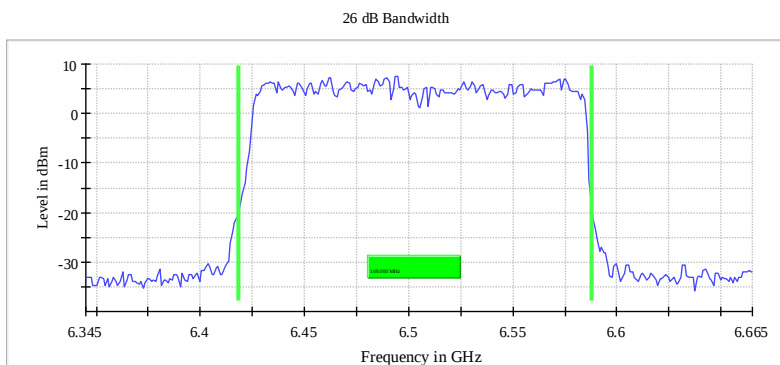
Customized settings.

26 dB Bandwidth

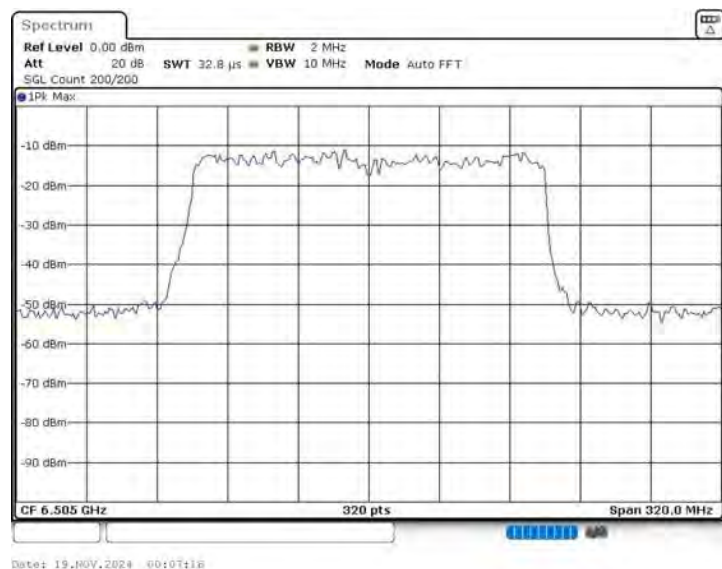
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	169.000000	106.500000	62.500000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6505.000000	6418.500000	---	6587.500000	---	7.6	PASS



Bandwidth



In-Band Emissions (6505 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

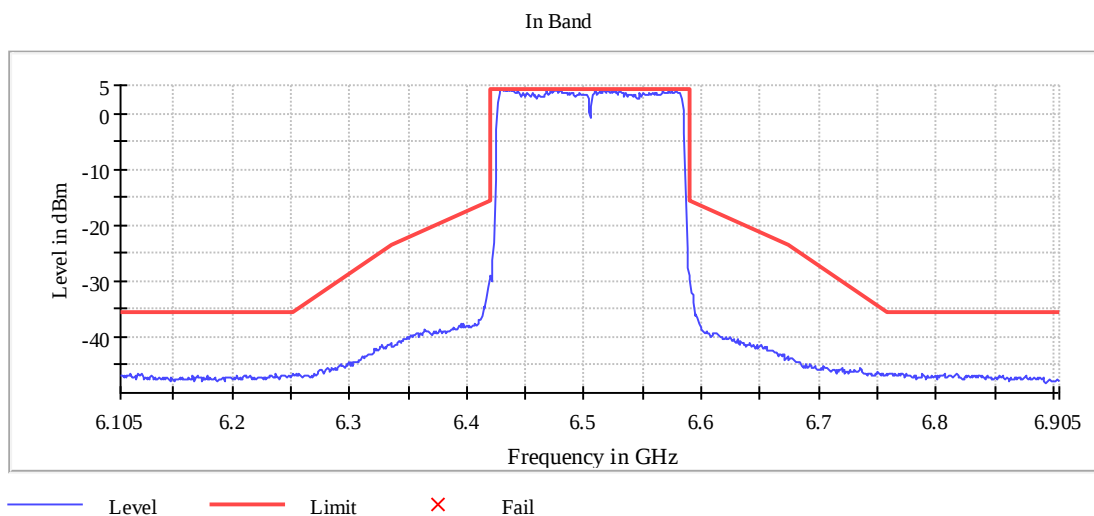
DUT Frequency (MHz)	Result
6505.000000	PASS

Inband Peak

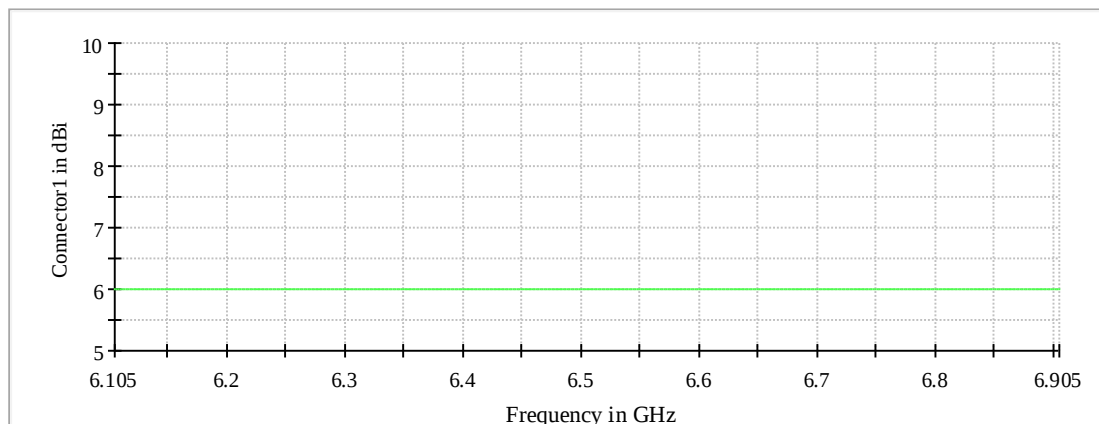
Frequency (MHz)	Level (dBm)
6432.500000	4.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6516.500000	4.3	0.2	4.5	PASS
6430.500000	4.3	0.2	4.5	PASS
6429.500000	4.3	0.2	4.5	PASS
6435.500000	4.2	0.2	4.5	PASS
6437.500000	4.2	0.3	4.5	PASS
6477.500000	4.2	0.3	4.5	PASS
6475.500000	4.2	0.3	4.5	PASS
6509.500000	4.2	0.3	4.5	PASS
6578.500000	4.1	0.4	4.5	PASS
6428.500000	4.1	0.4	4.5	PASS
6434.500000	4.0	0.5	4.5	PASS
6474.500000	4.0	0.5	4.5	PASS
6436.500000	4.0	0.5	4.5	PASS
6572.500000	4.0	0.5	4.5	PASS
6439.500000	4.0	0.5	4.5	PASS

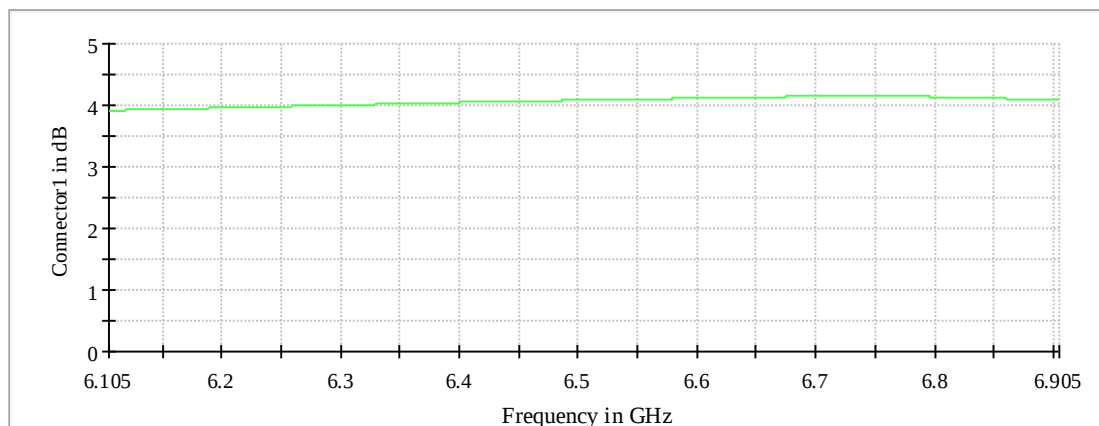


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6505 MHz; 24.000 dBm; 160 MHz)

Customized settings.

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	159.248826	99.624413	59.624413	---	320.000000

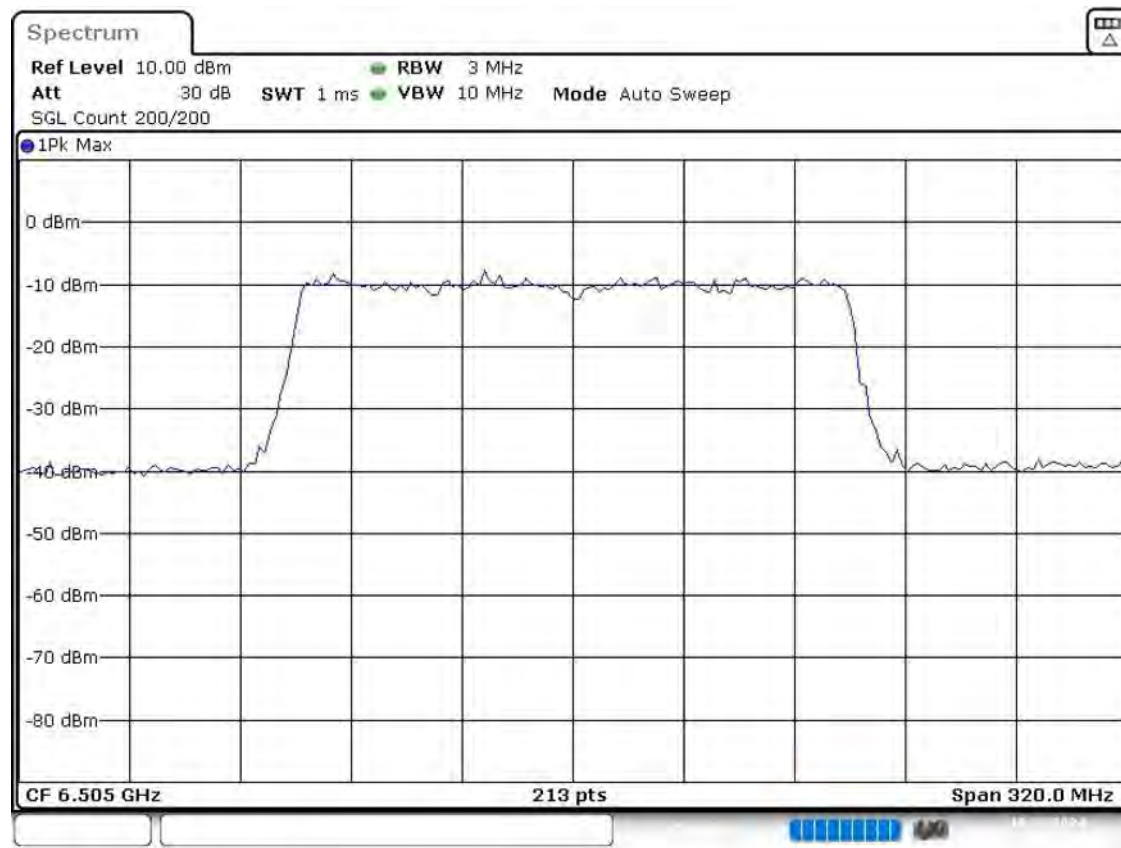
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6505.000000	6425.375587	5925.000000	6584.624413	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 19.NOV.2024 00:08:06

Tx Spurious Emission (6505 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

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

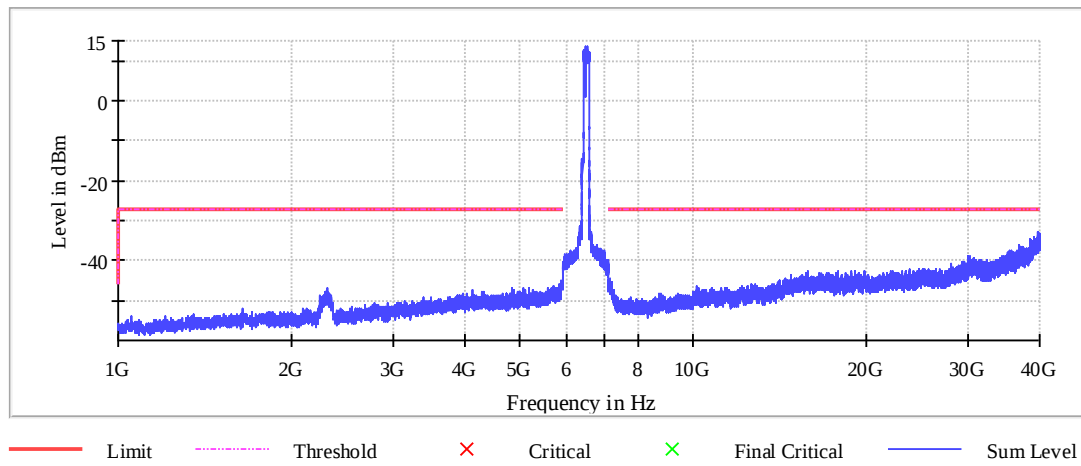
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39844.250000	-33.0	6.0	-27.0
39994.250000	-33.4	6.4	-27.0
39930.750000	-33.4	6.4	-27.0
39931.250000	-33.4	6.4	-27.0
39981.250000	-33.5	6.5	-27.0
39974.250000	-33.5	6.5	-27.0
39955.750000	-33.6	6.6	-27.0
39949.750000	-33.7	6.7	-27.0
39972.750000	-33.7	6.7	-27.0
39974.750000	-33.8	6.8	-27.0
39995.250000	-33.8	6.8	-27.0
39983.750000	-33.9	6.9	-27.0
39972.250000	-33.9	6.9	-27.0
39842.250000	-33.9	6.9	-27.0
39932.250000	-33.9	6.9	-27.0

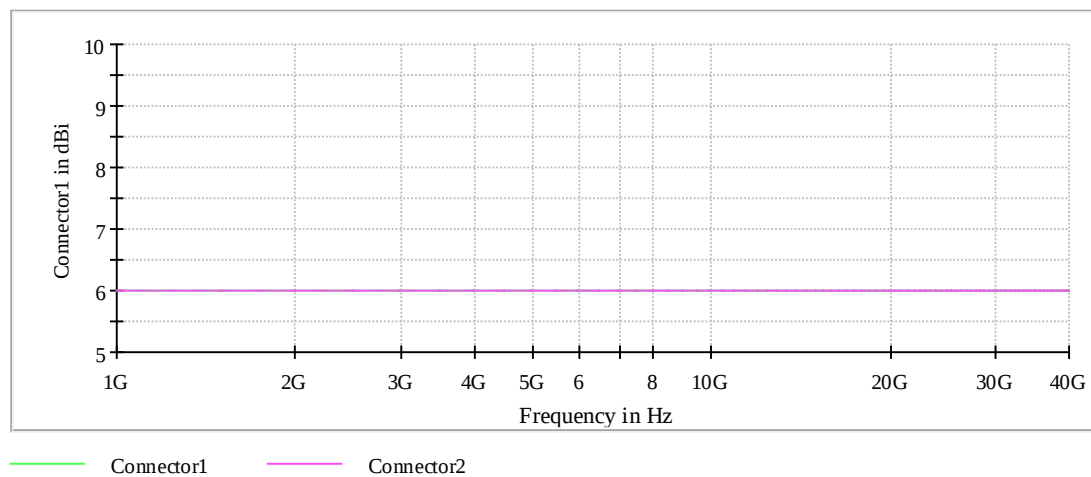
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

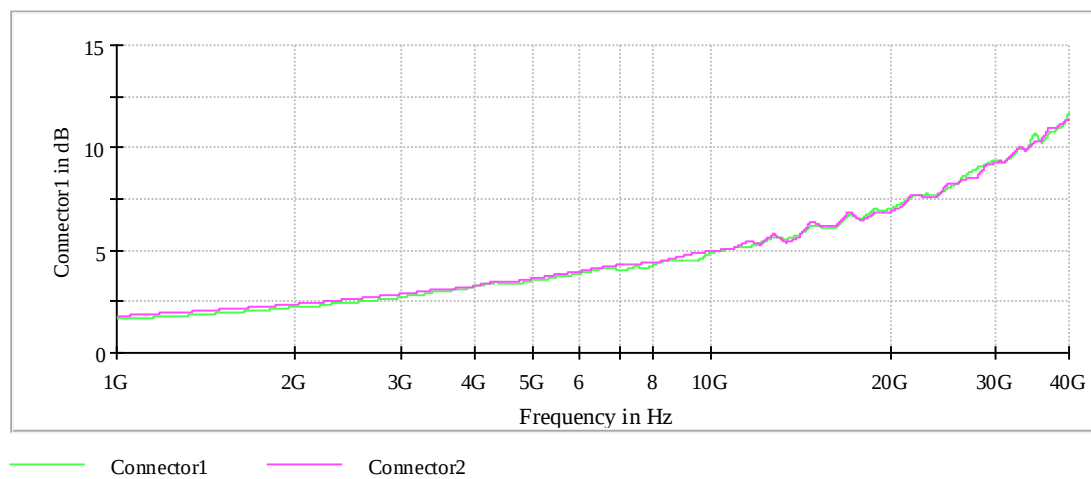
Spurious



Gain



Attenuation



Emissions in restricted frequency bands (Average) (6505 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

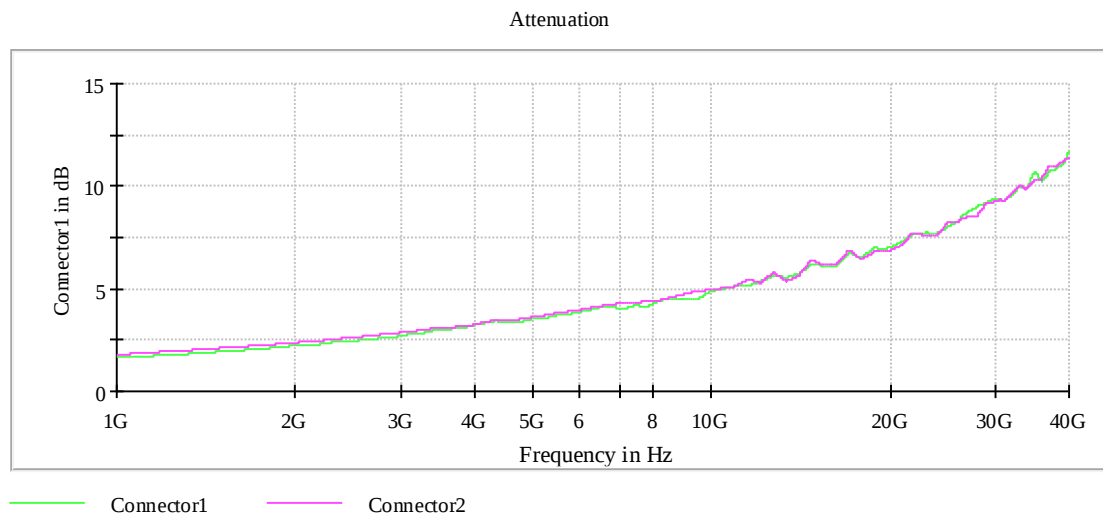
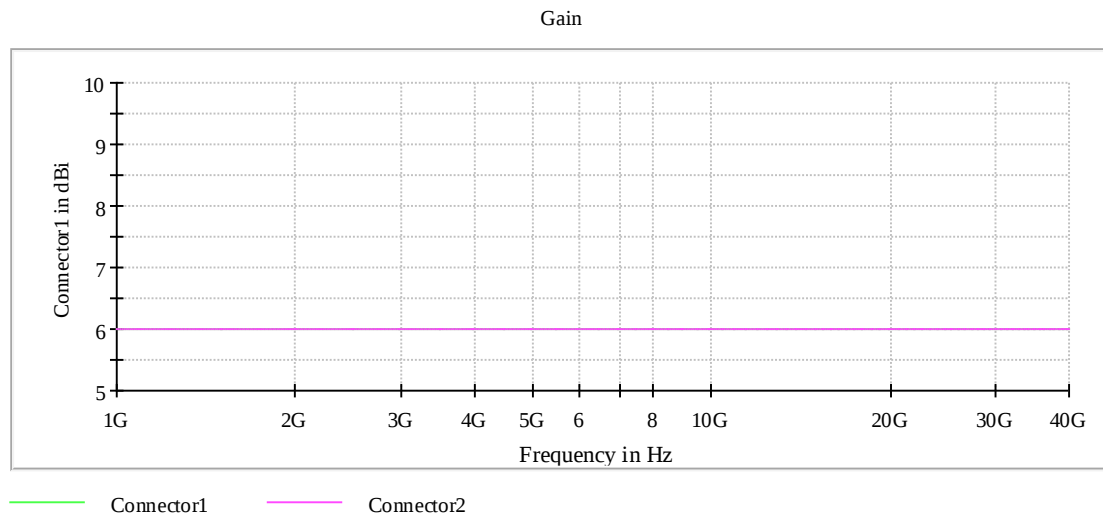
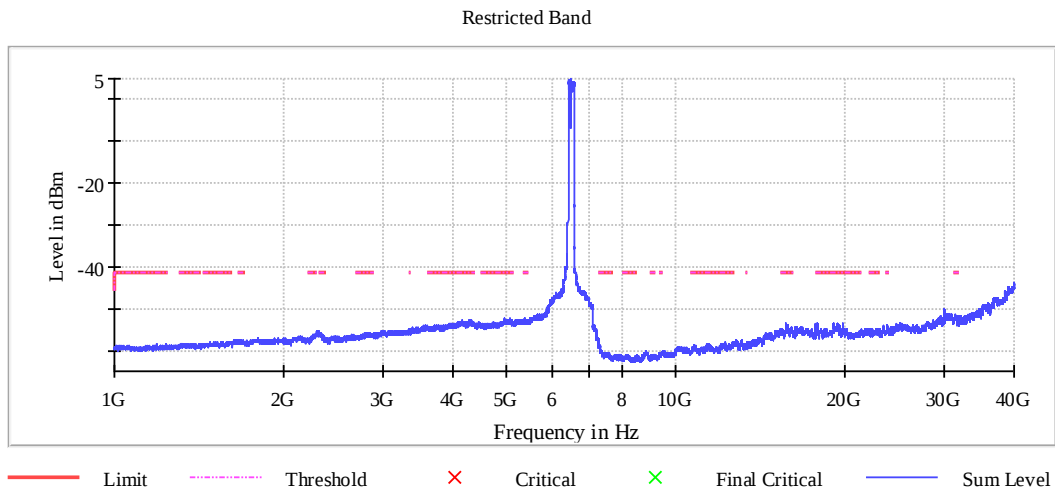
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36497.640699	-49.1	7.9	-41.2
36498.328177	-49.2	8.0	-41.2
36479.766257	-49.2	8.0	-41.2
36492.828349	-49.2	8.0	-41.2
36482.516171	-49.2	8.0	-41.2
36468.766601	-49.2	8.0	-41.2
36485.266085	-49.2	8.0	-41.2
36475.641386	-49.2	8.0	-41.2
36485.953564	-49.2	8.0	-41.2
36499.703134	-49.3	8.1	-41.2
36490.765914	-49.3	8.1	-41.2
36488.703478	-49.3	8.1	-41.2
36499.015656	-49.3	8.1	-41.2
36494.890785	-49.3	8.1	-41.2
36480.453736	-49.3	8.1	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1



Emissions in restricted frequency bands (Peak) (6505 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

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

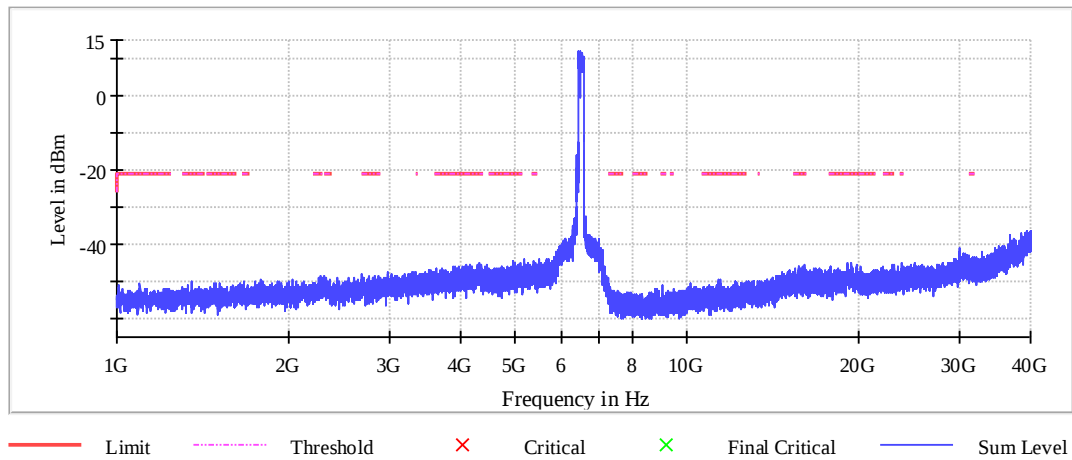
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36493.515828	-41.1	19.9	-21.2
36491.453392	-41.2	20.0	-21.2
36487.328521	-41.3	20.1	-21.2
36486.641042	-41.5	20.3	-21.2
36478.391300	-41.8	20.6	-21.2
36499.703134	-41.9	20.7	-21.2
36495.578263	-41.9	20.7	-21.2
36476.328865	-42.0	20.8	-21.2
36474.266429	-42.1	20.9	-21.2
36496.265742	-42.1	20.9	-21.2
36443.329896	-42.3	21.1	-21.2
36483.203650	-42.3	21.1	-21.2
36445.392331	-42.4	21.2	-21.2
36441.267460	-42.4	21.2	-21.2
36483.891128	-42.4	21.2	-21.2

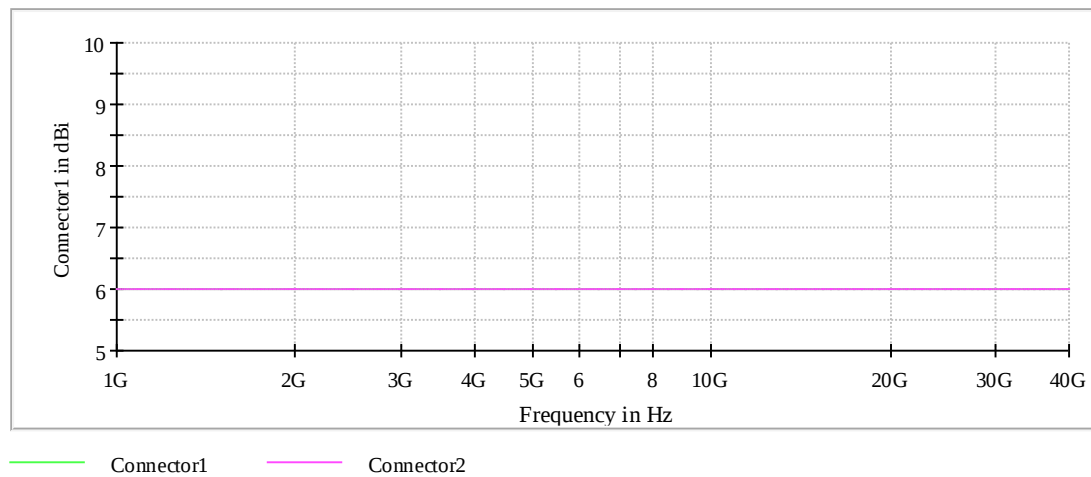
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

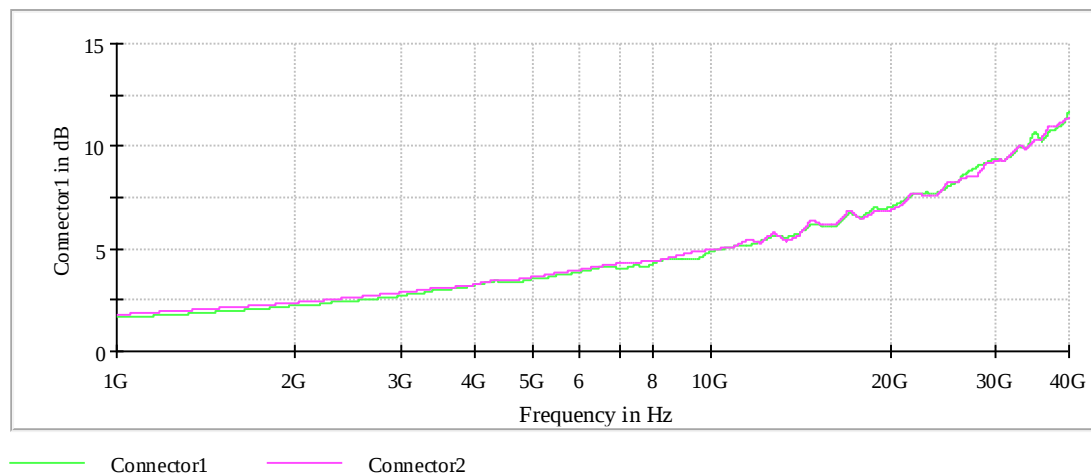
Restricted Band



Gain



Attenuation



Emission Bandwidth 26 dB (6665 MHz; 24.000 dBm; 160 MHz)

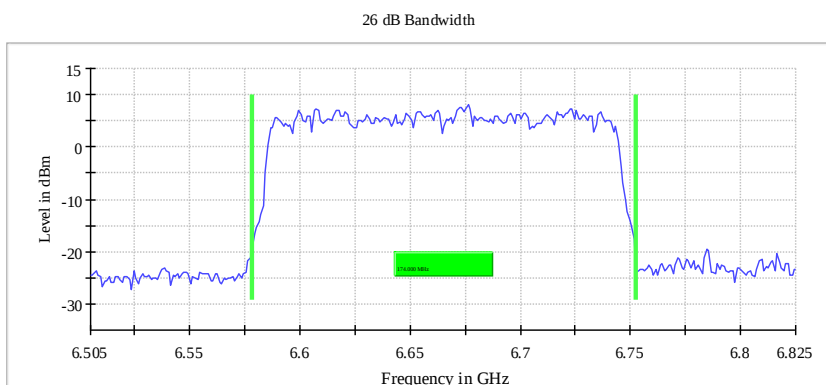
Customized settings.

26 dB Bandwidth

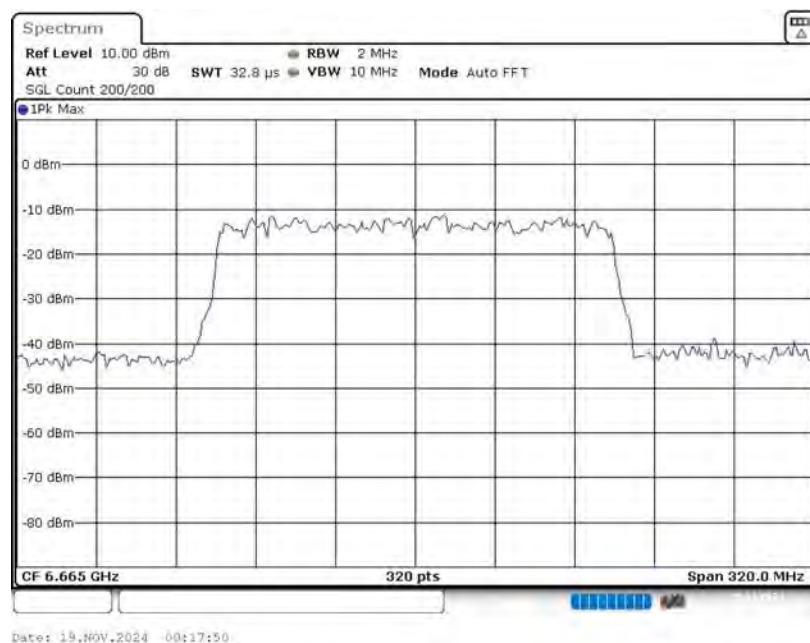
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6665.000000	174.000000	---	320.000000	6578.500000	---

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6665.000000	6752.500000	---	8.0	PASS



Bandwidth



In-Band Emissions (6665 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

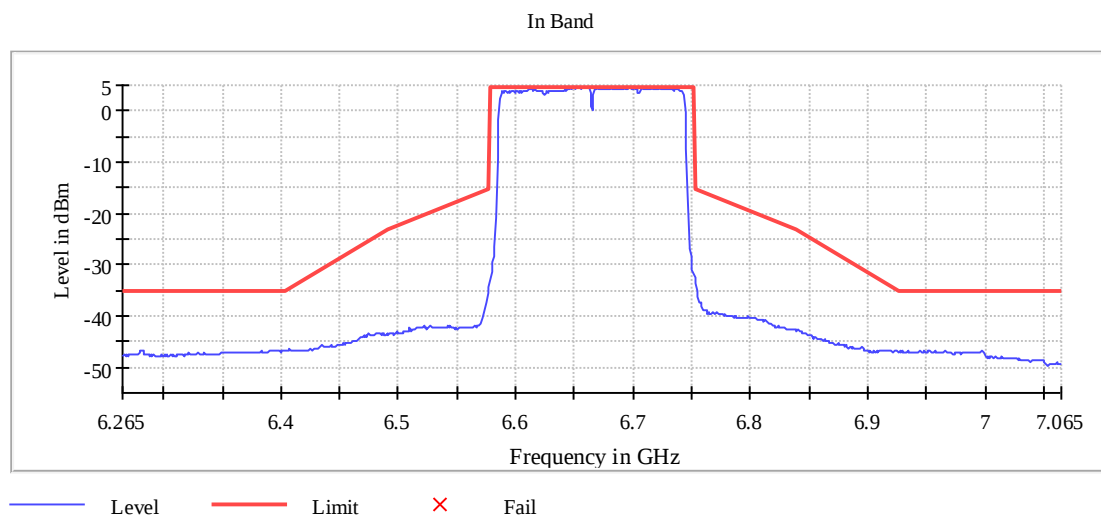
DUT Frequency (MHz)	Result
6665.000000	PASS

Inband Peak

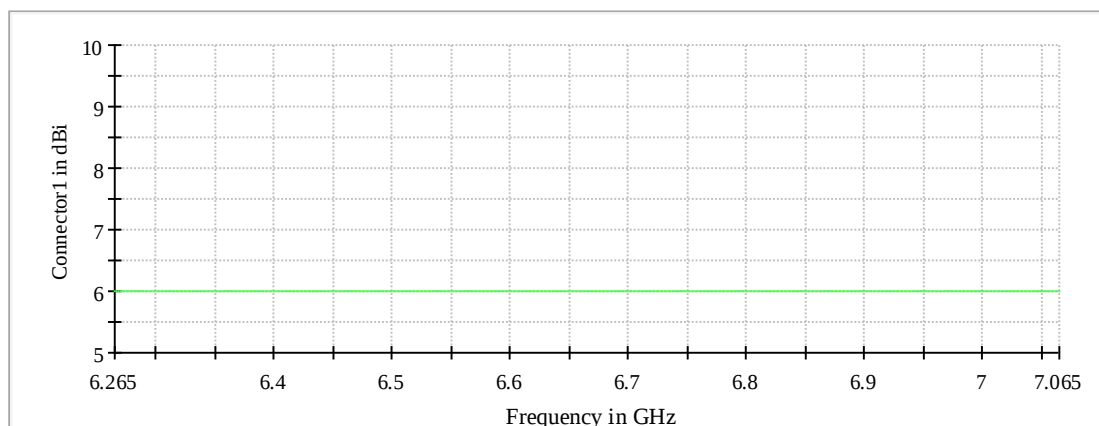
Frequency (MHz)	Level (dBm)
6656.500000	4.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6656.500000	4.7	0.0	4.7	PASS
6657.500000	4.7	0.0	4.7	PASS
6660.500000	4.6	0.1	4.7	PASS
6701.500000	4.6	0.1	4.7	PASS
6653.500000	4.6	0.1	4.7	PASS
6670.500000	4.5	0.2	4.7	PASS
6681.500000	4.5	0.2	4.7	PASS
6659.500000	4.5	0.2	4.7	PASS
6662.500000	4.5	0.2	4.7	PASS
6661.500000	4.5	0.2	4.7	PASS
6693.500000	4.5	0.2	4.7	PASS
6658.500000	4.5	0.2	4.7	PASS
6649.500000	4.5	0.2	4.7	PASS
6697.500000	4.5	0.2	4.7	PASS
6654.500000	4.5	0.2	4.7	PASS

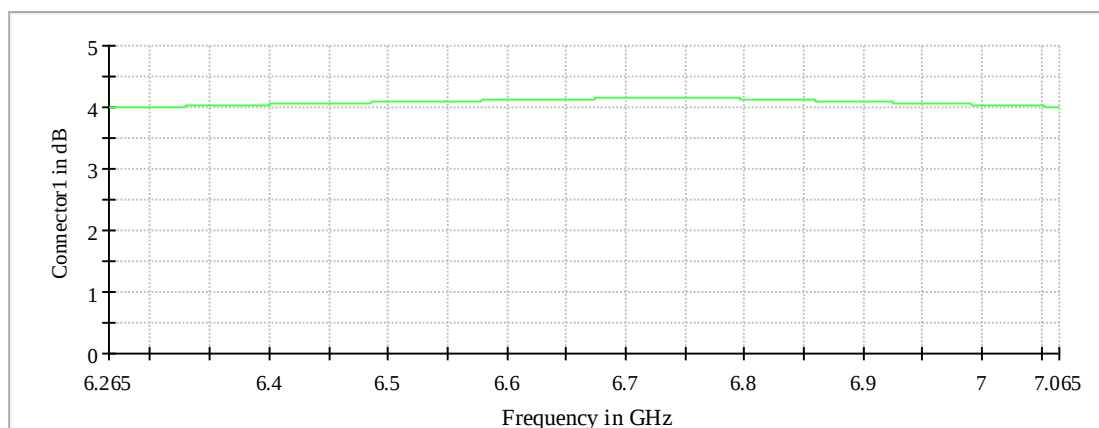


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6665 MHz; 24.000 dBm; 160 MHz)

Customized settings.

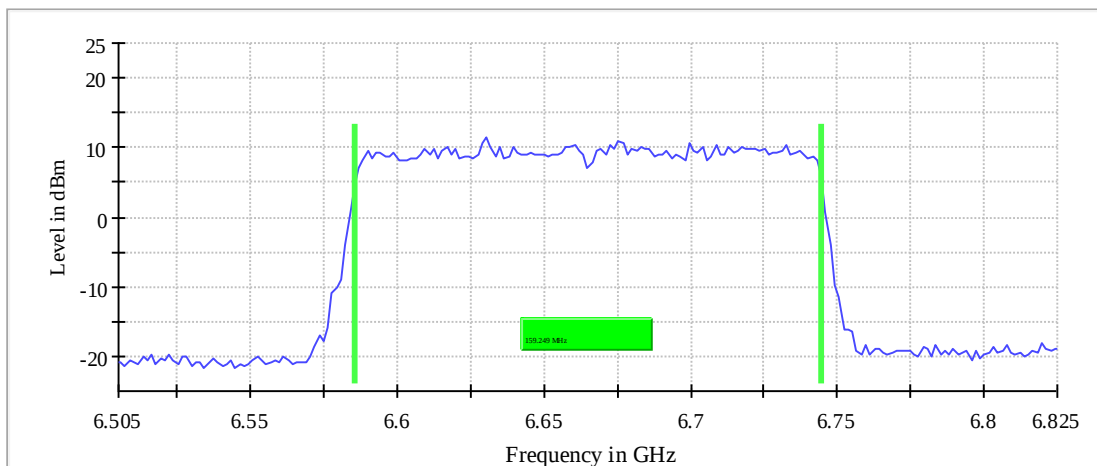
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6665.000000	159.248826	---	320.000000	6585.375587	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6665.000000	6744.624413	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 19.NOV.2024 00:18:43

Tx Spurious Emission (6665 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

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

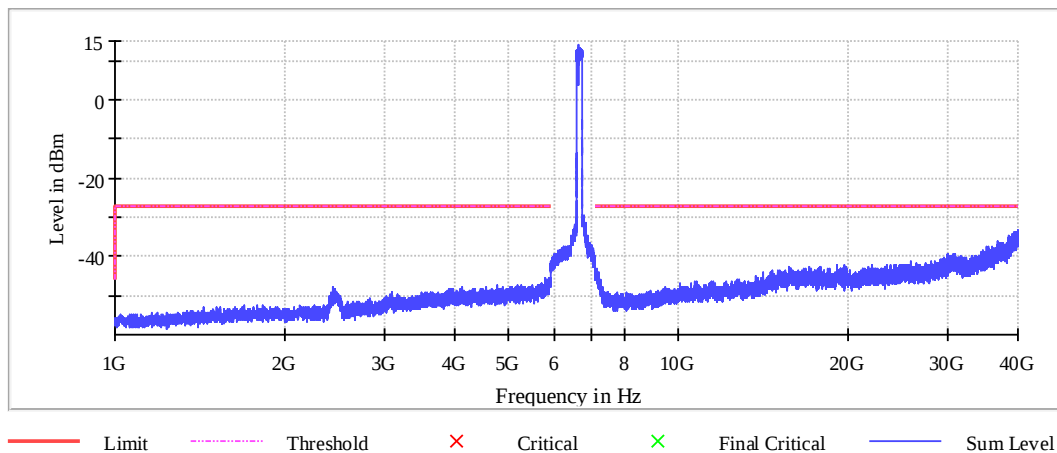
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39960.250000	-33.4	6.4	-27.0
39945.750000	-33.5	6.5	-27.0
39982.750000	-33.6	6.6	-27.0
39926.750000	-33.6	6.6	-27.0
39951.250000	-33.6	6.6	-27.0
39740.250000	-33.7	6.7	-27.0
39263.250000	-33.7	6.7	-27.0
39920.250000	-33.7	6.7	-27.0
39964.750000	-33.7	6.7	-27.0
39975.750000	-33.8	6.8	-27.0
39994.750000	-33.8	6.8	-27.0
39975.250000	-33.9	6.9	-27.0
39977.750000	-33.9	6.9	-27.0
39940.750000	-33.9	6.9	-27.0
39914.750000	-33.9	6.9	-27.0

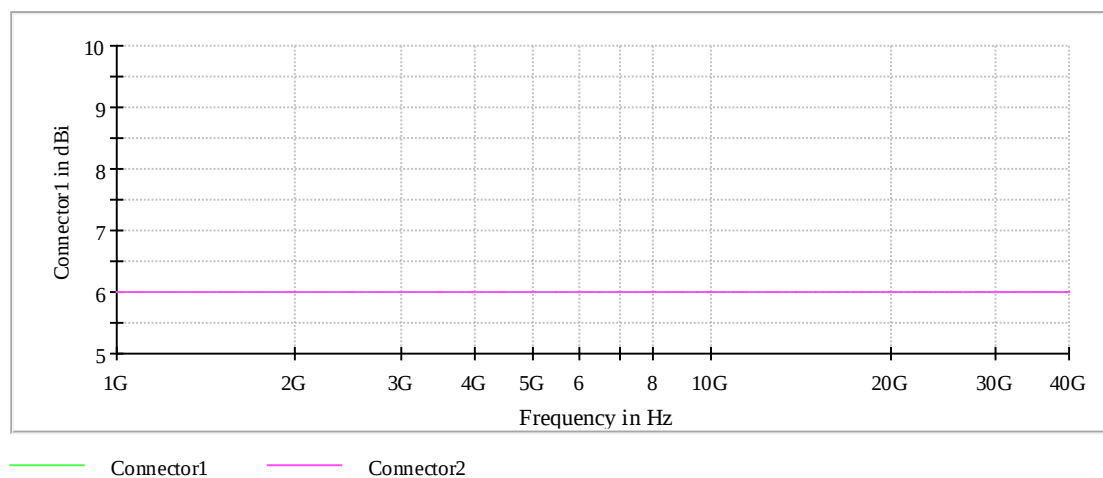
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

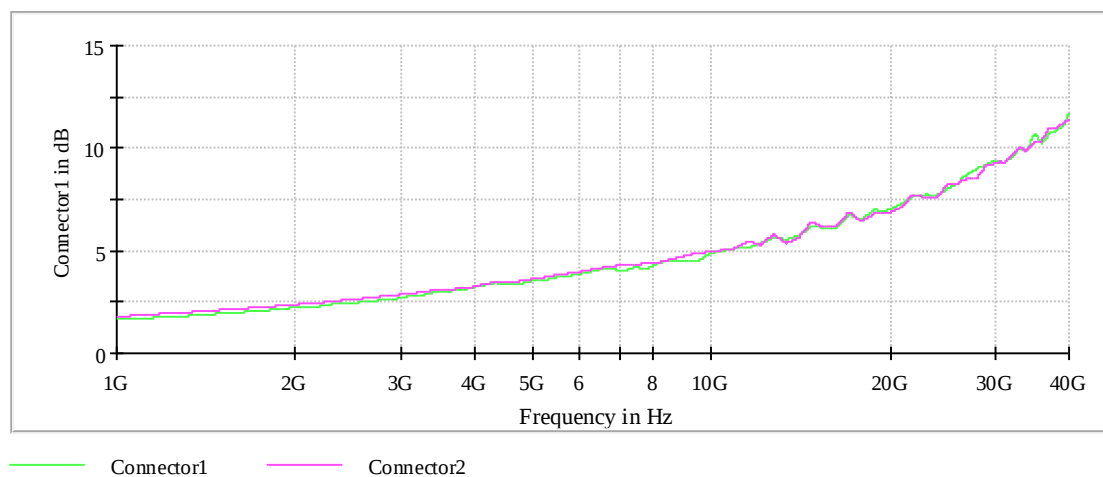
Spurious



Gain



Attenuation



Emissions in restricted frequency bands (Average) (6665 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

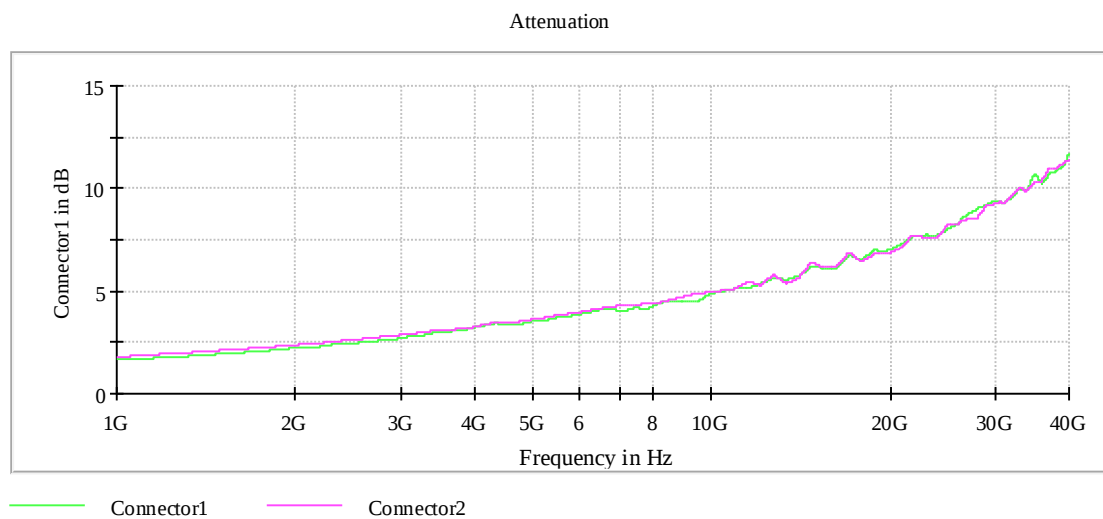
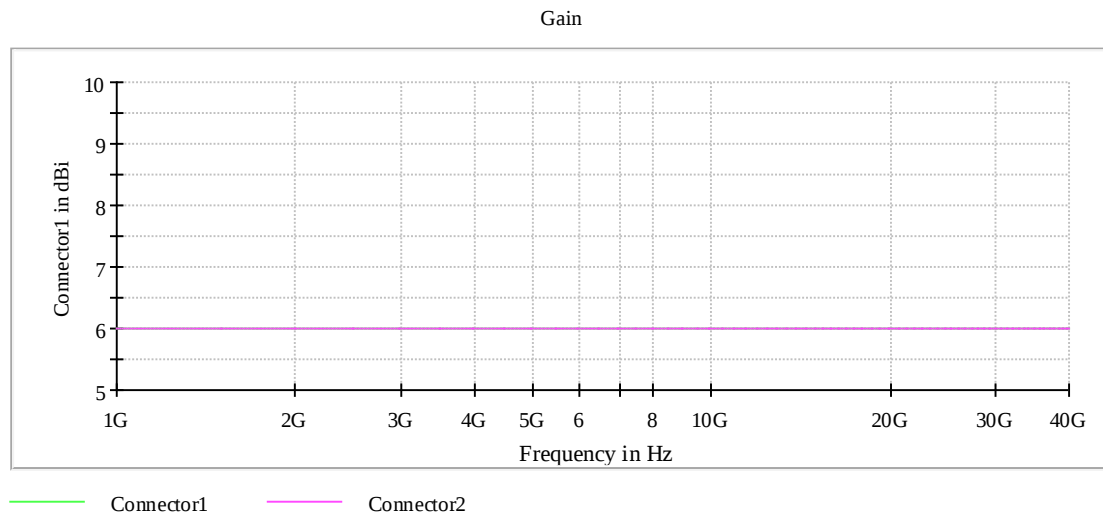
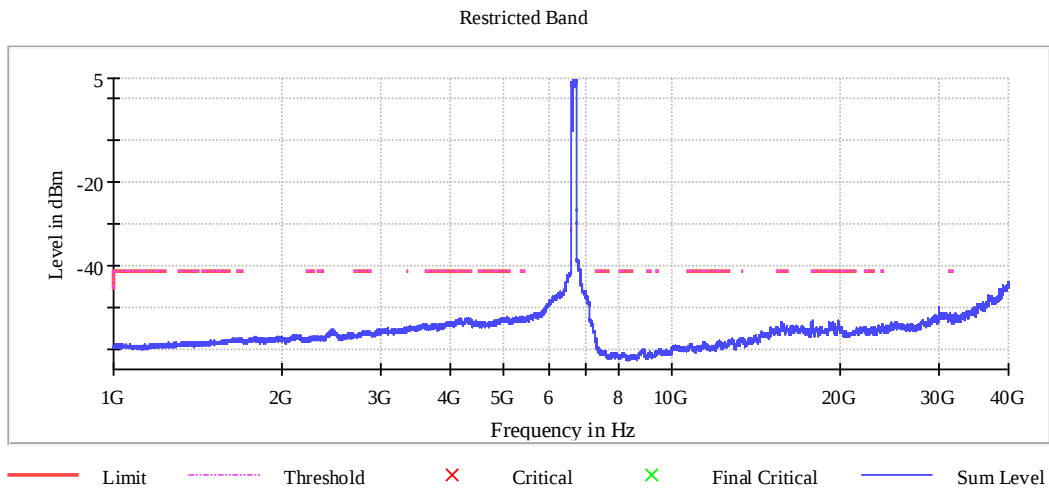
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36498.328177	-49.0	7.8	-41.2
36490.078435	-49.0	7.8	-41.2
36466.704165	-49.2	8.0	-41.2
36479.766257	-49.2	8.0	-41.2
36499.015656	-49.2	8.0	-41.2
36489.390957	-49.3	8.1	-41.2
36494.203306	-49.3	8.1	-41.2
36494.890785	-49.3	8.1	-41.2
36482.516171	-49.3	8.1	-41.2
36485.266085	-49.3	8.1	-41.2
36479.078779	-49.3	8.1	-41.2
36484.578607	-49.3	8.1	-41.2
36477.703822	-49.3	8.1	-41.2
36465.329208	-49.3	8.1	-41.2
36480.453736	-49.3	8.1	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1



Emissions in restricted frequency bands (Peak) (6665 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

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

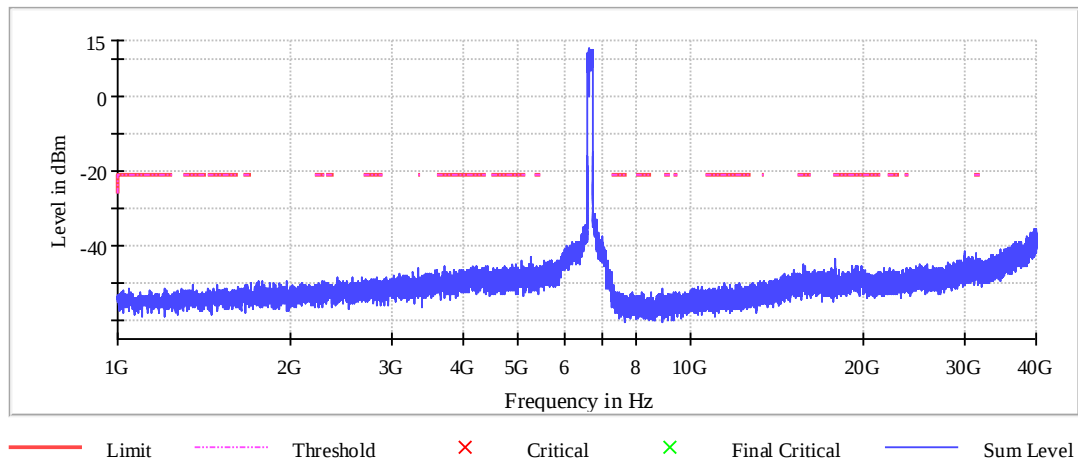
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36499.015656	-40.8	19.6	-21.2
36459.829380	-41.4	20.2	-21.2
36499.703134	-41.8	20.6	-21.2
36458.454423	-41.8	20.6	-21.2
36475.641386	-41.9	20.7	-21.2
36452.954595	-41.9	20.7	-21.2
36446.767289	-41.9	20.7	-21.2
31472.172745	-42.2	21.0	-21.2
36466.016687	-42.3	21.1	-21.2
36442.642417	-42.3	21.1	-21.2
36474.953908	-42.4	21.2	-21.2
36470.829037	-42.4	21.2	-21.2
36461.204337	-42.4	21.2	-21.2
36465.329208	-42.4	21.2	-21.2
36432.330240	-42.4	21.2	-21.2

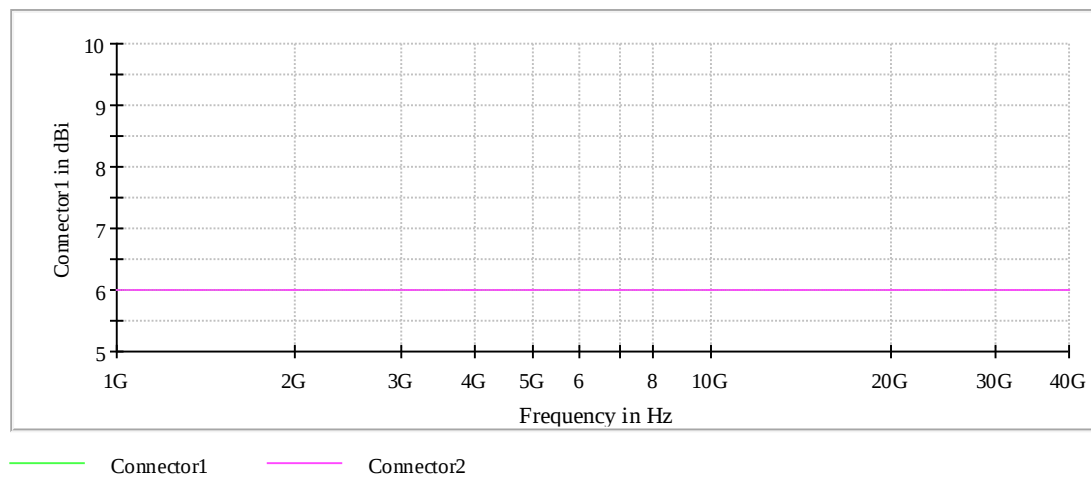
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

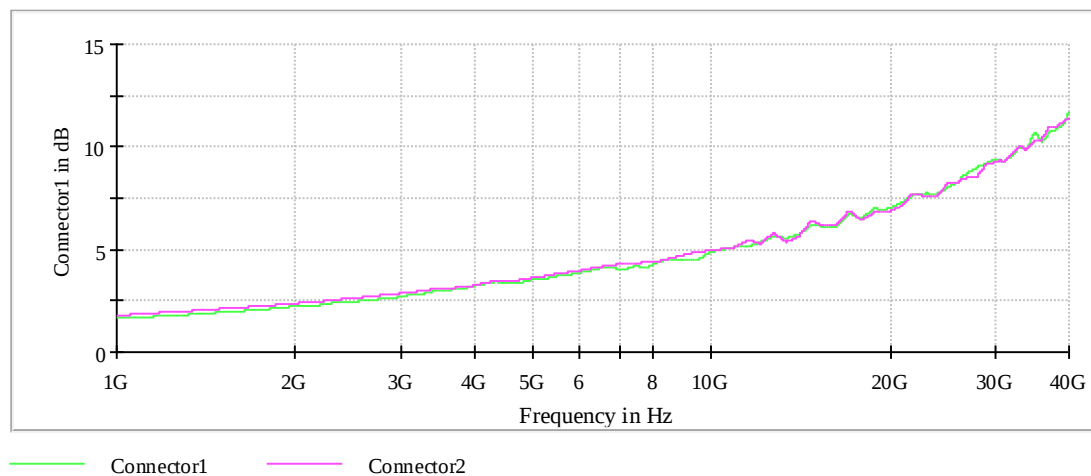
Restricted Band



Gain



Attenuation



Emission Bandwidth 26 dB (6825 MHz; 24.000 dBm; 160 MHz)

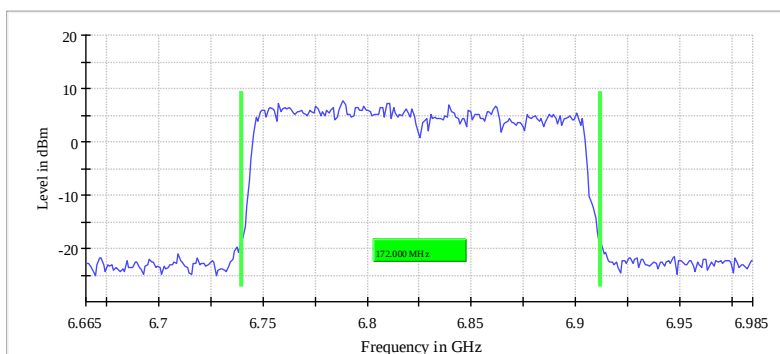
Customized settings.

26 dB Bandwidth

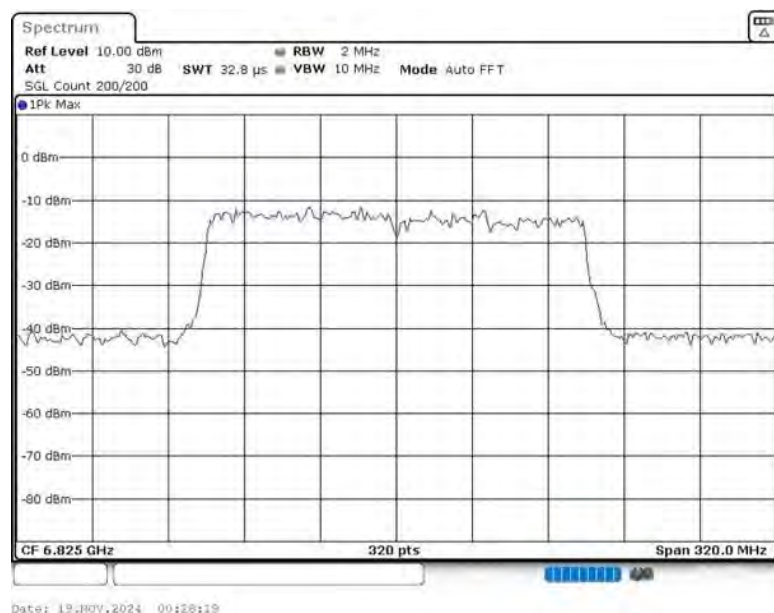
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	172.000000	135.500000	36.500000	---	320.000000

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6825.000000	6739.500000	---	6911.500000	---	7.6	PASS



Bandwidth



In-Band Emissions (6825 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

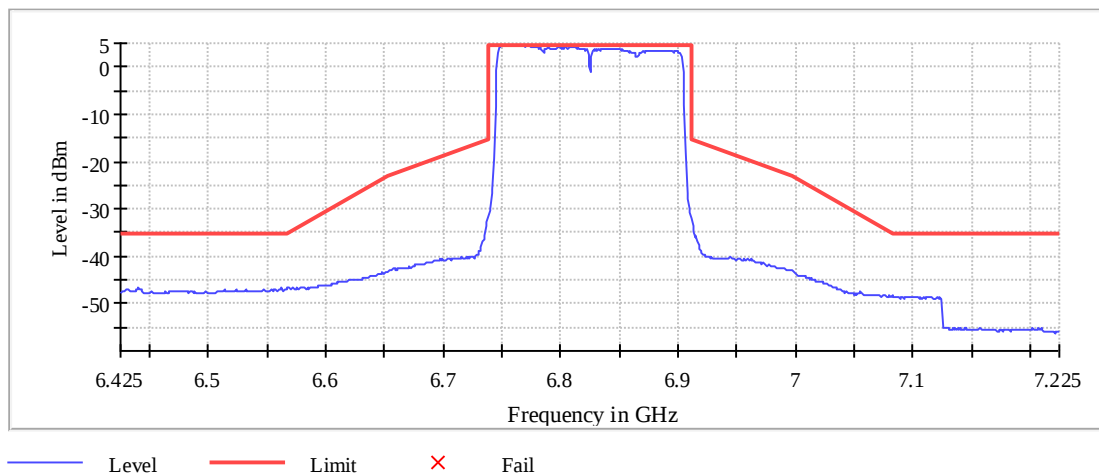
Inband Peak

Frequency (MHz)	Level (dBm)
6755.500000	4.8

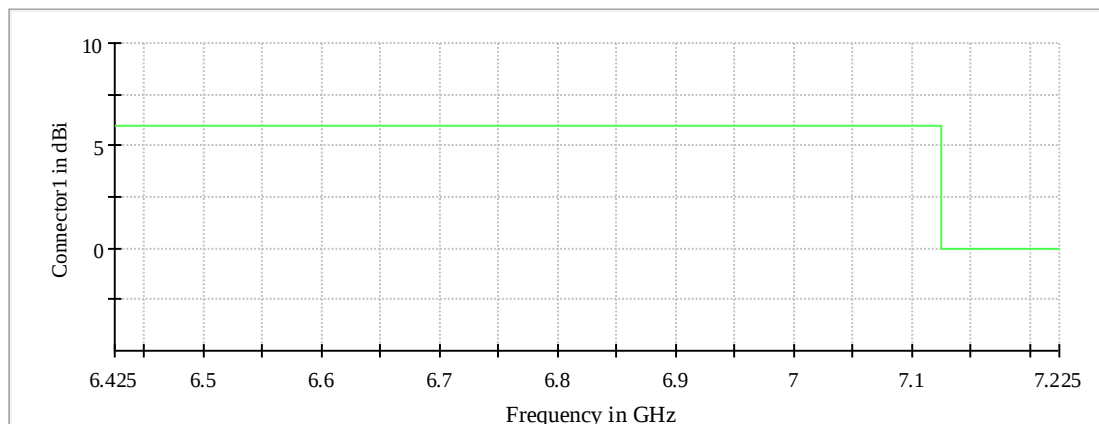
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6755.500000	4.8	0.0	4.8	PASS
6760.500000	4.7	0.1	4.8	PASS
6767.500000	4.7	0.1	4.8	PASS
6763.500000	4.7	0.1	4.8	PASS
6750.500000	4.6	0.2	4.8	PASS
6759.500000	4.6	0.2	4.8	PASS
6758.500000	4.6	0.2	4.8	PASS
6752.500000	4.6	0.2	4.8	PASS
6757.500000	4.6	0.2	4.8	PASS
6756.500000	4.6	0.2	4.8	PASS
6761.500000	4.5	0.2	4.8	PASS
6768.500000	4.5	0.2	4.8	PASS
6749.500000	4.5	0.2	4.8	PASS
6751.500000	4.5	0.3	4.8	PASS
6753.500000	4.5	0.3	4.8	PASS

In Band

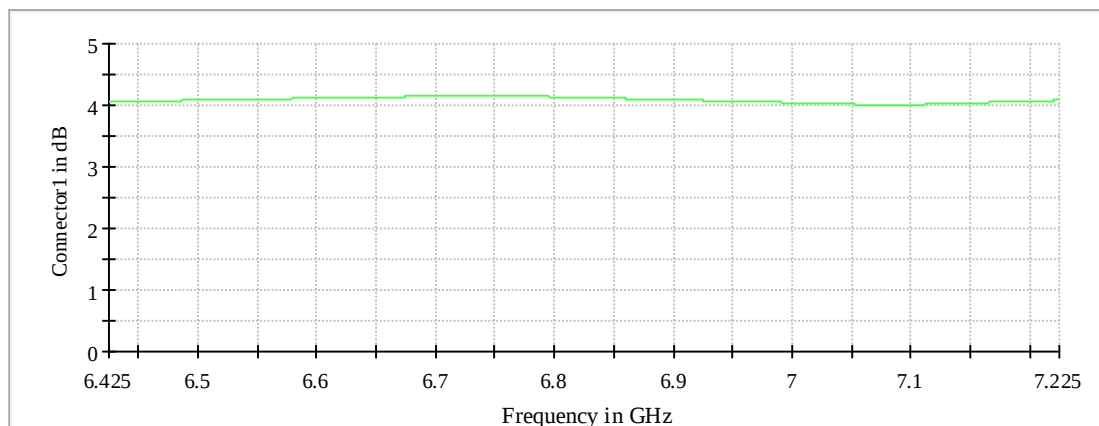


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6825 MHz; 24.000 dBm; 160 MHz)

Customized settings.

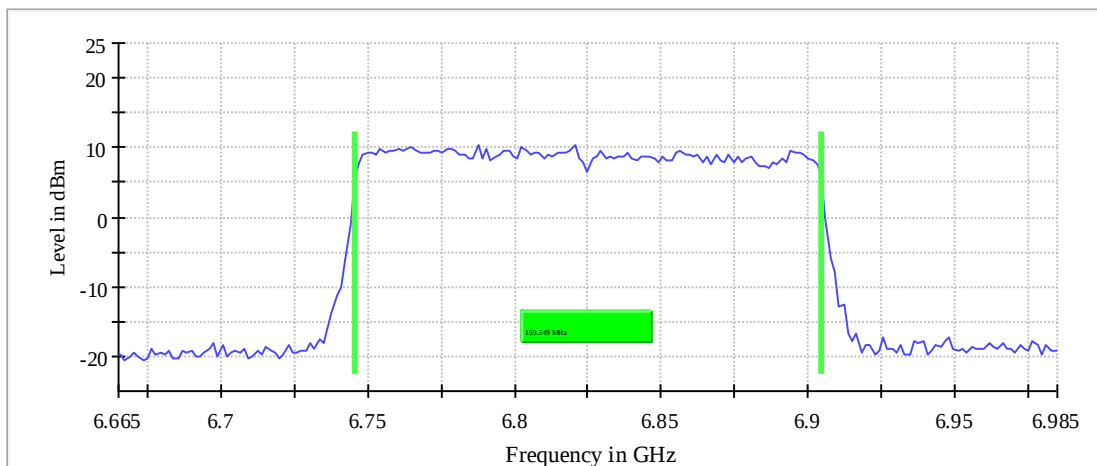
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	159.248826	129.624413	29.624413	---	320.000000

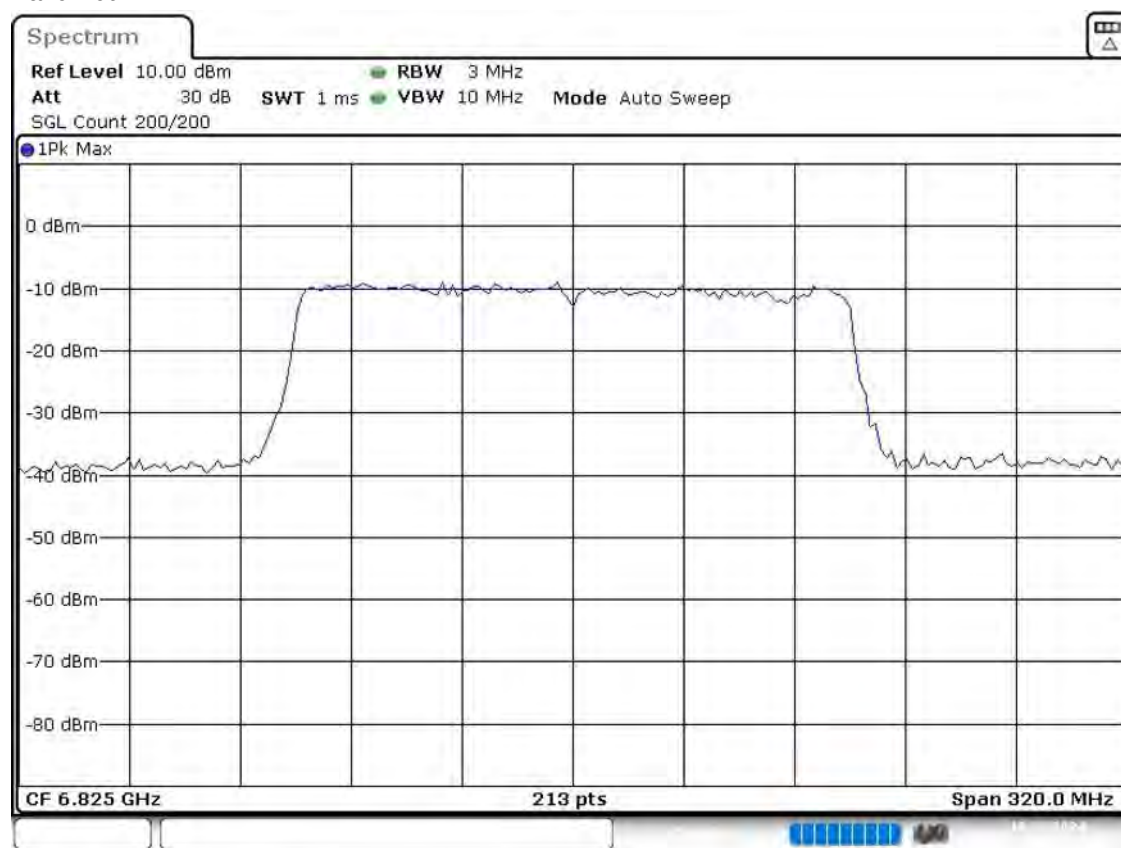
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6825.000000	6745.375587	5925.000000	6904.624413	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 19.NOV.2024 00:29:13

Tx Spurious Emission (6825 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

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

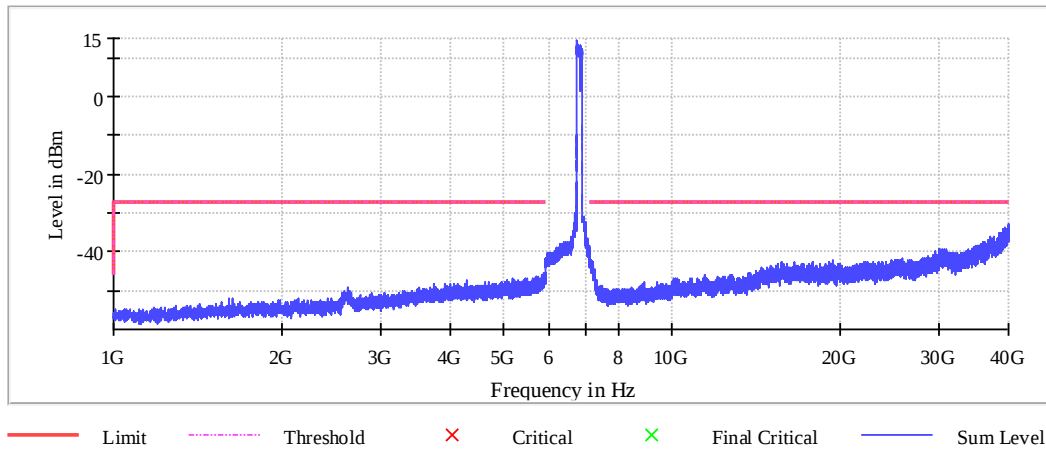
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39987.750000	-33.0	6.0	-27.0
39954.250000	-33.5	6.5	-27.0
39950.750000	-33.5	6.5	-27.0
39998.250000	-33.7	6.7	-27.0
39982.250000	-33.8	6.8	-27.0
39967.750000	-33.9	6.9	-27.0
39906.750000	-33.9	6.9	-27.0
39420.750000	-33.9	6.9	-27.0
39984.250000	-33.9	6.9	-27.0
39936.750000	-34.0	7.0	-27.0
39914.750000	-34.0	7.0	-27.0
39999.250000	-34.1	7.1	-27.0
39919.750000	-34.1	7.1	-27.0
39871.750000	-34.1	7.1	-27.0
39987.250000	-34.1	7.1	-27.0

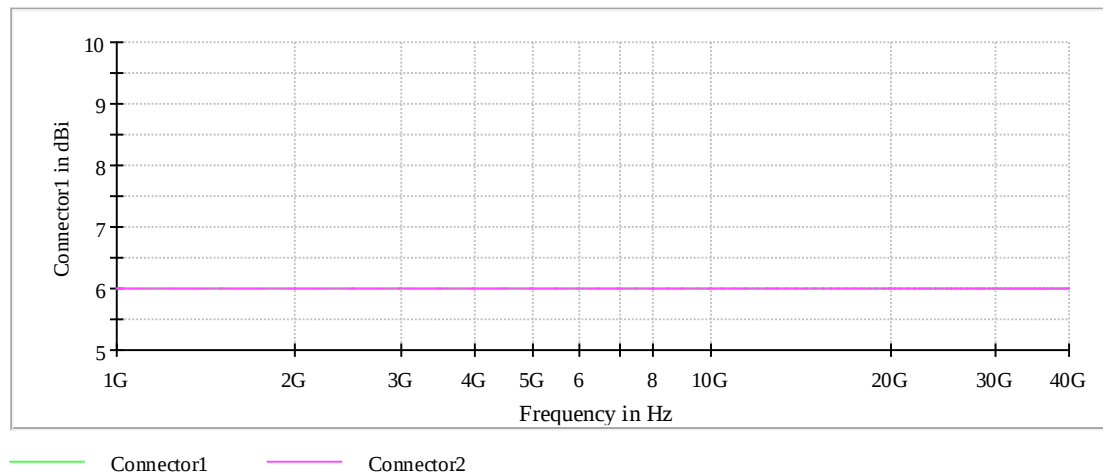
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

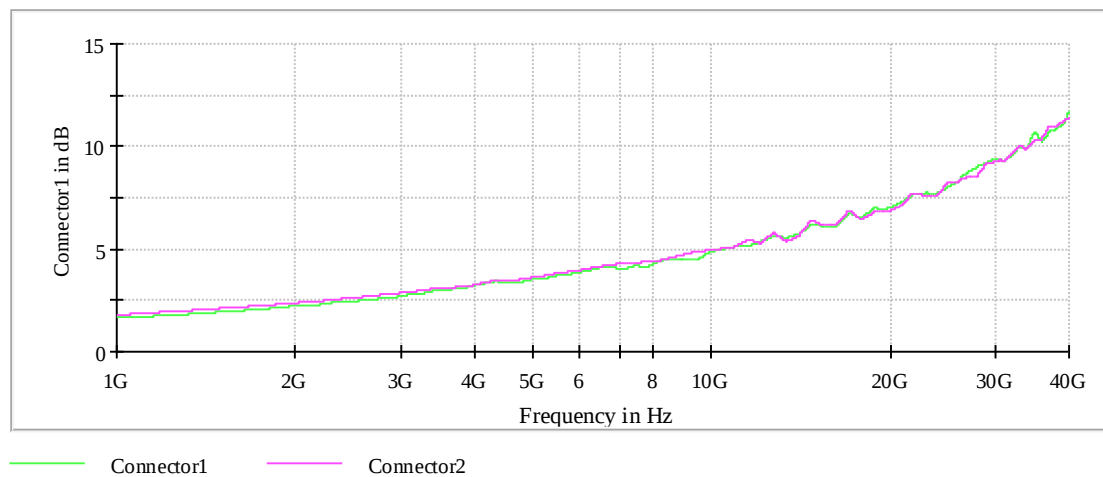
Spurious



Gain



Attenuation



Emissions in restricted frequency bands (Average) (6825 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

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

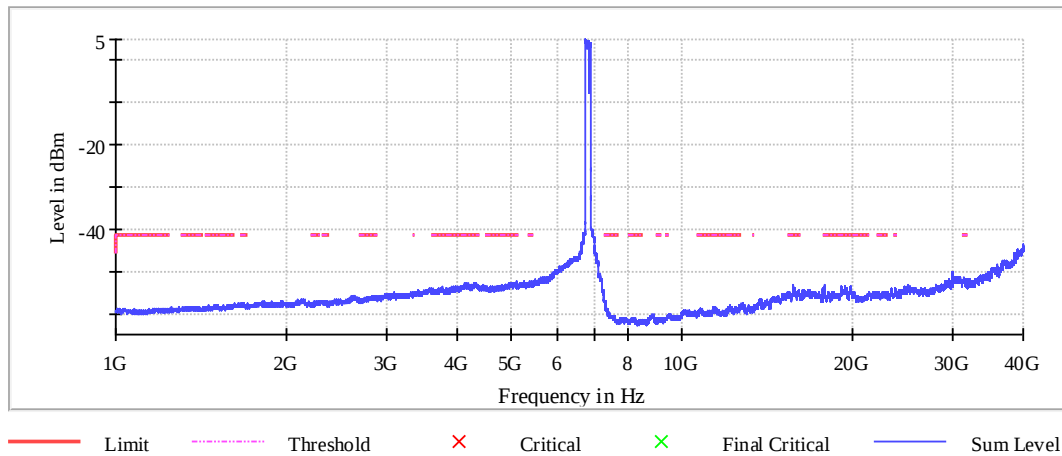
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36488.016000	-49.0	7.8	-41.2
36490.765914	-49.1	7.9	-41.2
36452.954595	-49.1	7.9	-41.2
36491.453392	-49.1	7.9	-41.2
36495.578263	-49.1	7.9	-41.2
36499.703134	-49.2	8.0	-41.2
36431.642761	-49.2	8.0	-41.2
36487.328521	-49.2	8.0	-41.2
36465.329208	-49.2	8.0	-41.2
36488.703478	-49.2	8.0	-41.2
36477.016343	-49.2	8.0	-41.2
36485.266085	-49.3	8.1	-41.2
36481.828693	-49.3	8.1	-41.2
36496.953220	-49.3	8.1	-41.2
36498.328177	-49.3	8.1	-41.2

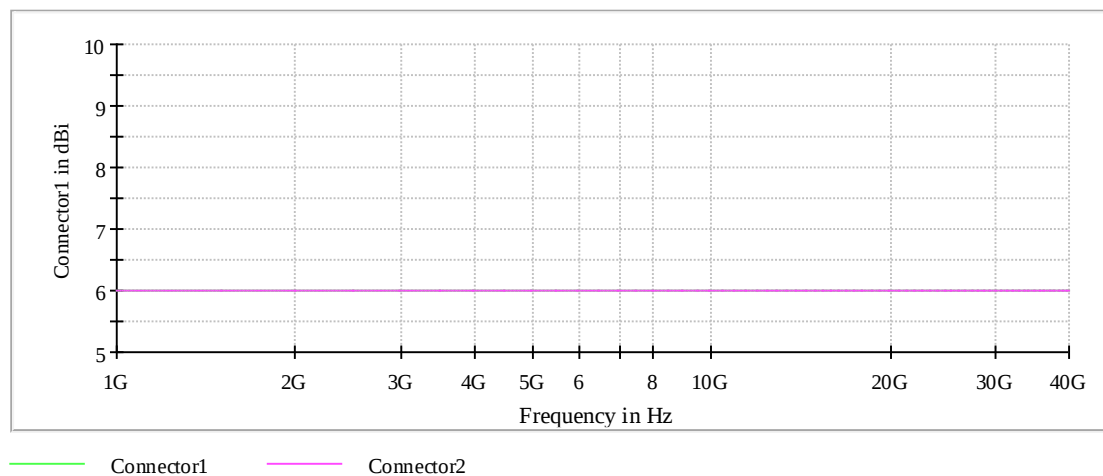
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1

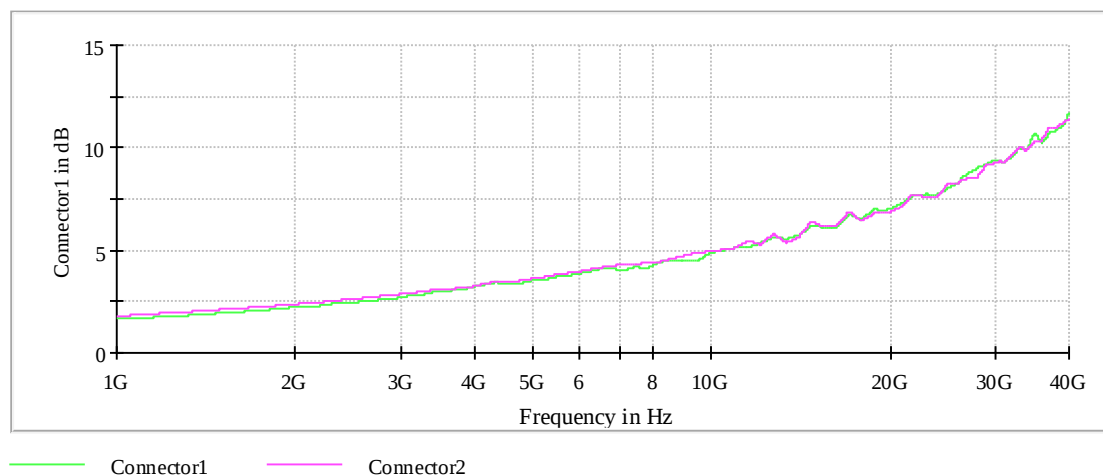
Restricted Band



Gain



Attenuation



Emissions in restricted frequency bands (Peak) (6825 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

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

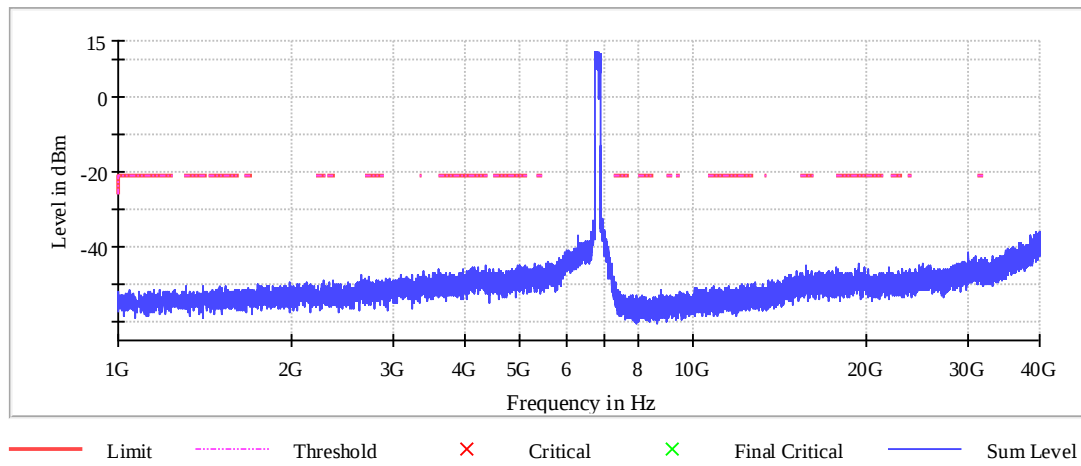
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36468.766601	-40.9	19.7	-21.2
36470.829037	-41.1	19.9	-21.2
36472.891472	-41.1	19.9	-21.2
36470.141558	-41.3	20.1	-21.2
36434.392675	-41.5	20.3	-21.2
36485.266085	-41.7	20.5	-21.2
36488.016000	-41.7	20.5	-21.2
36494.890785	-41.9	20.7	-21.2
36495.578263	-42.0	20.8	-21.2
36444.704853	-42.1	20.9	-21.2
36478.391300	-42.2	21.0	-21.2
36483.203650	-42.2	21.0	-21.2
36447.454767	-42.3	21.1	-21.2
36461.891816	-42.4	21.2	-21.2
36430.267804	-42.5	21.3	-21.2

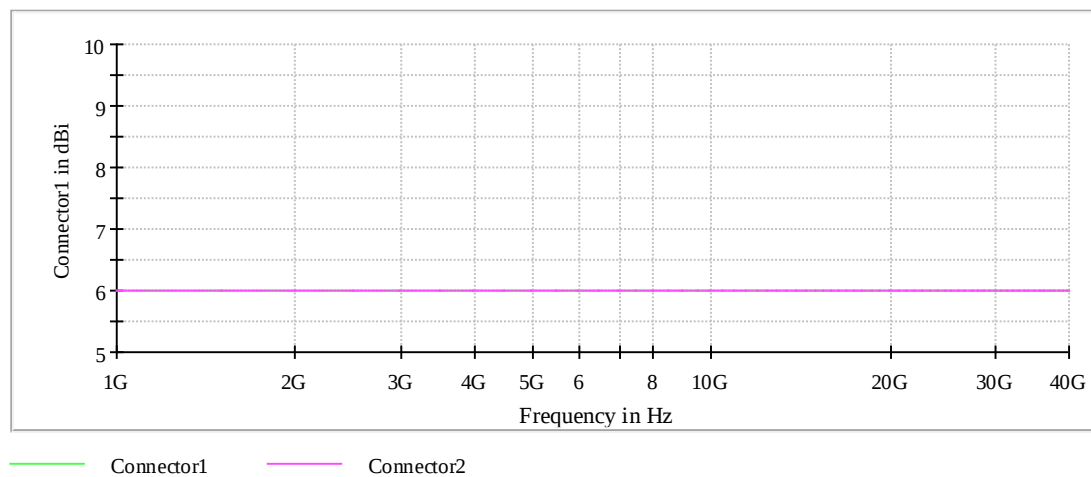
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

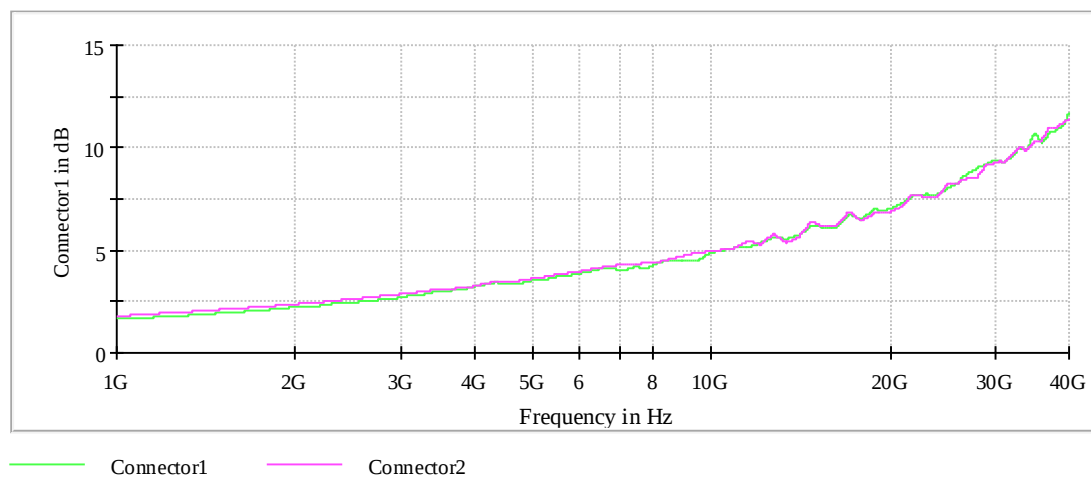
Restricted Band



Gain



Attenuation



Emission Bandwidth 26 dB (6585 MHz; 24.000 dBm; 320 MHz)

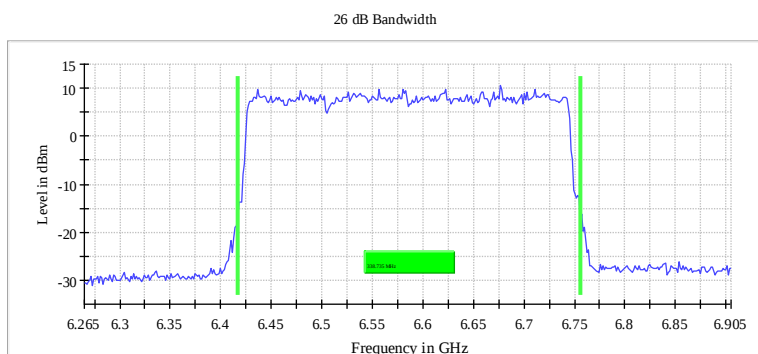
Customized settings.

26 dB Bandwidth

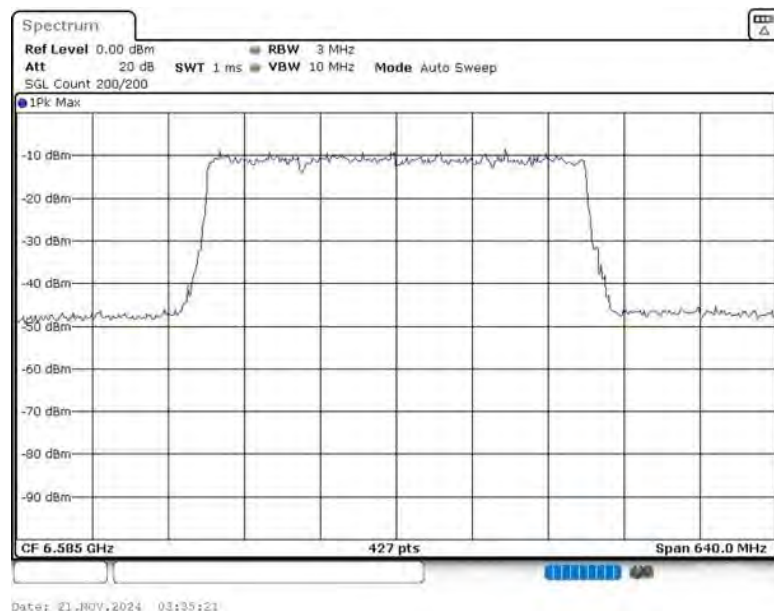
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	338.735363	107.868852	230.866511	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6585.000000	6417.131148	---	6755.866511	---	10.5	PASS



Bandwidth



In-Band Emissions (6585 MHz; 24.000 dBm; 320 MHz)

Customized settings.

Result

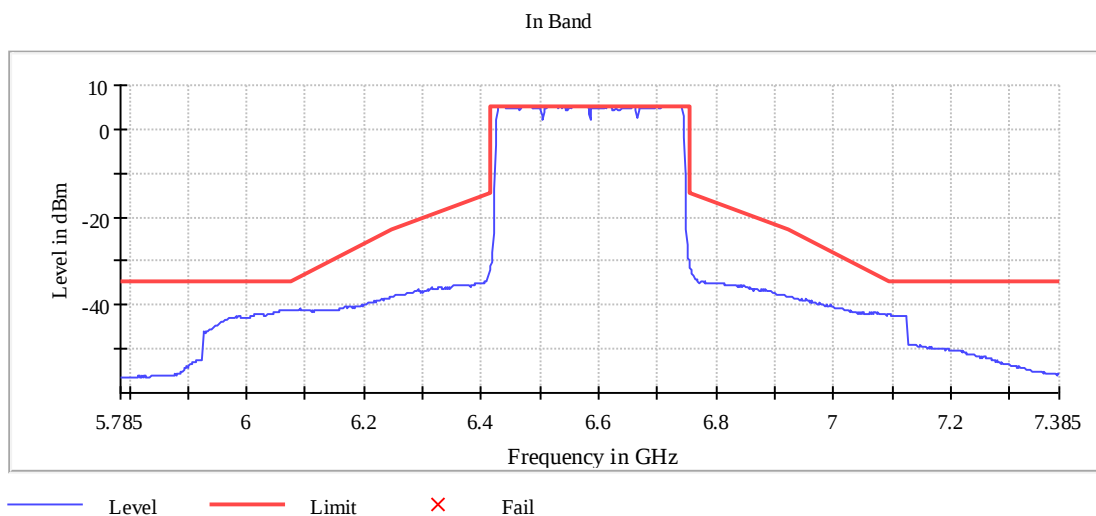
DUT Frequency (MHz)	Result
6585.000000	PASS

Inband Peak

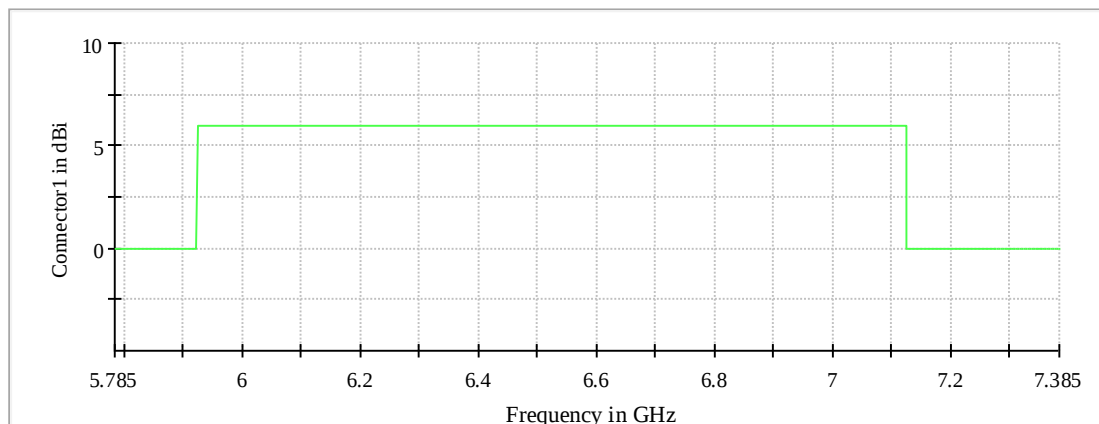
Frequency (MHz)	Level (dBm)
6725.955951	5.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6725.955951	5.4	0.0	5.4	PASS
6722.956888	5.4	0.0	5.4	PASS
6727.455483	5.4	0.0	5.4	PASS
6724.456420	5.3	0.1	5.4	PASS
6480.032802	5.3	0.1	5.4	PASS
6716.958763	5.3	0.1	5.4	PASS
6475.534208	5.3	0.1	5.4	PASS
6520.520150	5.3	0.1	5.4	PASS
6478.533271	5.3	0.1	5.4	PASS
6721.457357	5.3	0.1	5.4	PASS
6719.957826	5.3	0.1	5.4	PASS
6519.020619	5.3	0.1	5.4	PASS
6710.960637	5.3	0.1	5.4	PASS
6523.519213	5.3	0.1	5.4	PASS
6481.532334	5.3	0.1	5.4	PASS

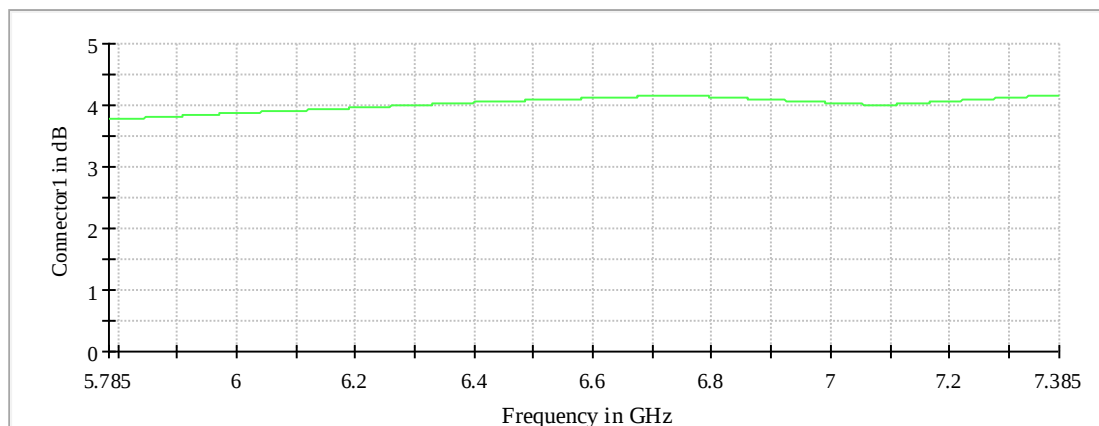


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6585 MHz; 24.000 dBm; 320 MHz)

Customized settings.

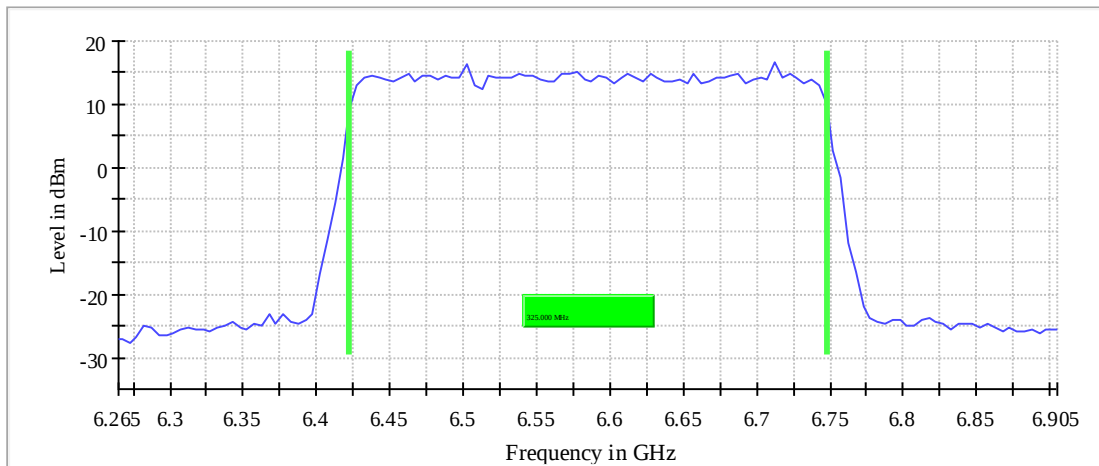
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	325.000000	102.500000	222.500000	---	---

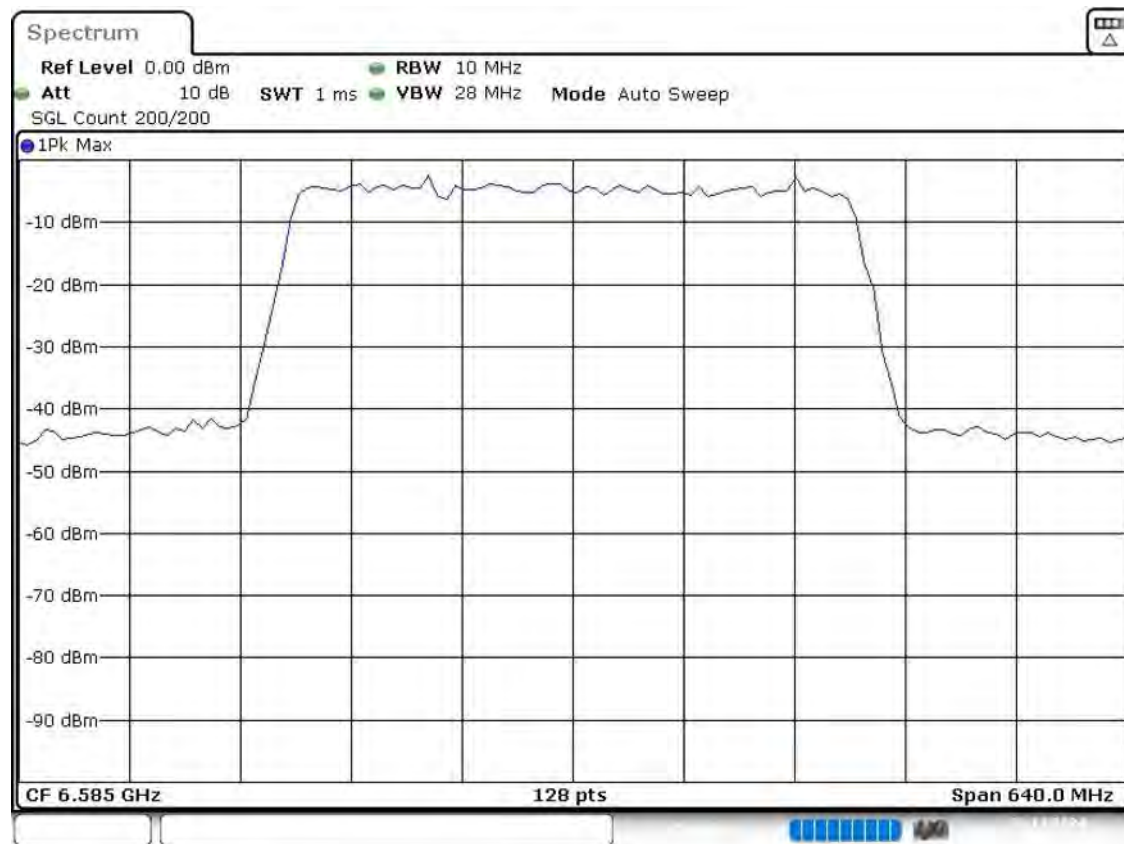
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6585.000000	6422.500000	5925.000000	6747.500000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 21.NOV.2024 03:36:15

Tx Spurious Emission (6585 MHz; 24.000 dBm; 320 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

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

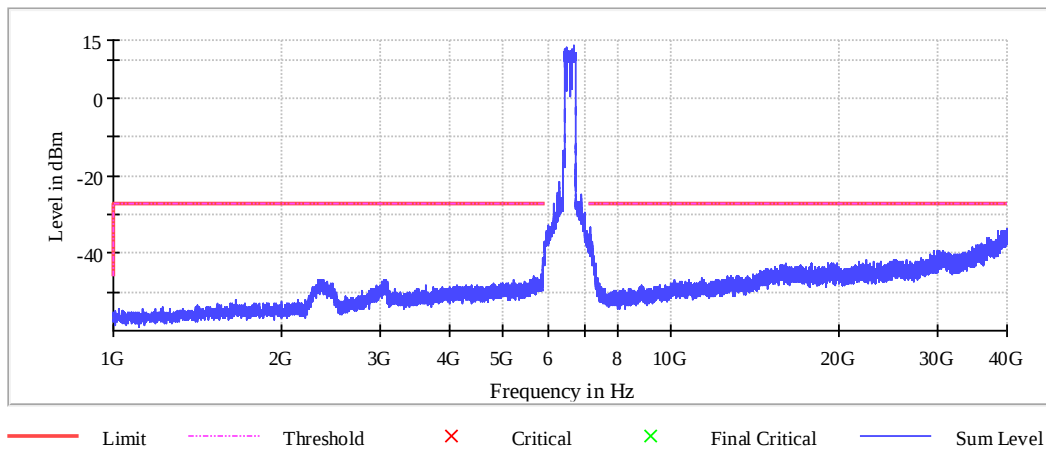
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7141.250000	-33.4	6.4	-27.0
39962.250000	-33.5	6.5	-27.0
39920.750000	-33.6	6.6	-27.0
39982.750000	-33.8	6.8	-27.0
39979.750000	-33.8	6.8	-27.0
39970.750000	-33.9	6.9	-27.0
39928.250000	-33.9	6.9	-27.0
39993.250000	-33.9	6.9	-27.0
39956.250000	-33.9	6.9	-27.0
39995.750000	-33.9	6.9	-27.0
39946.750000	-34.0	7.0	-27.0
39969.750000	-34.0	7.0	-27.0
39992.750000	-34.0	7.0	-27.0
39816.250000	-34.0	7.0	-27.0
39953.250000	-34.1	7.1	-27.0

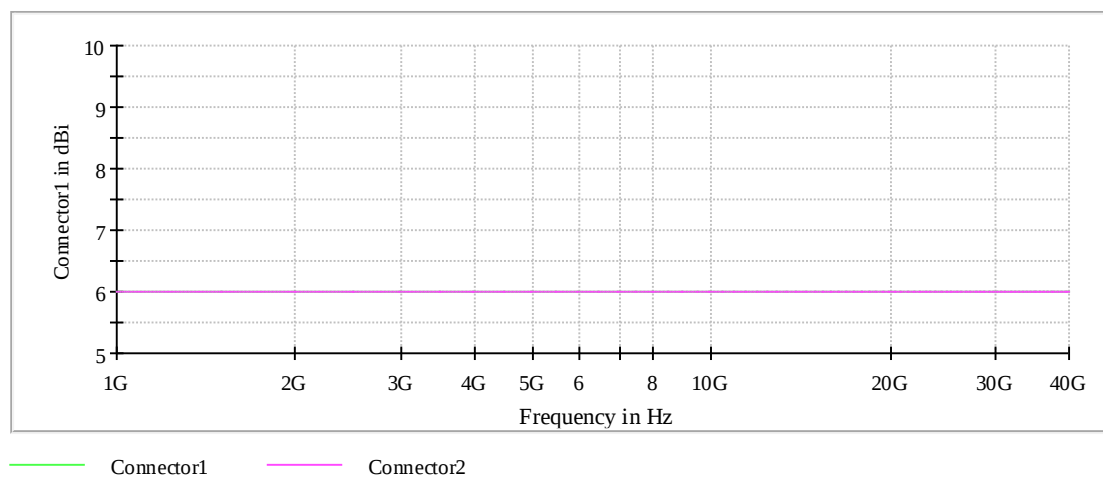
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

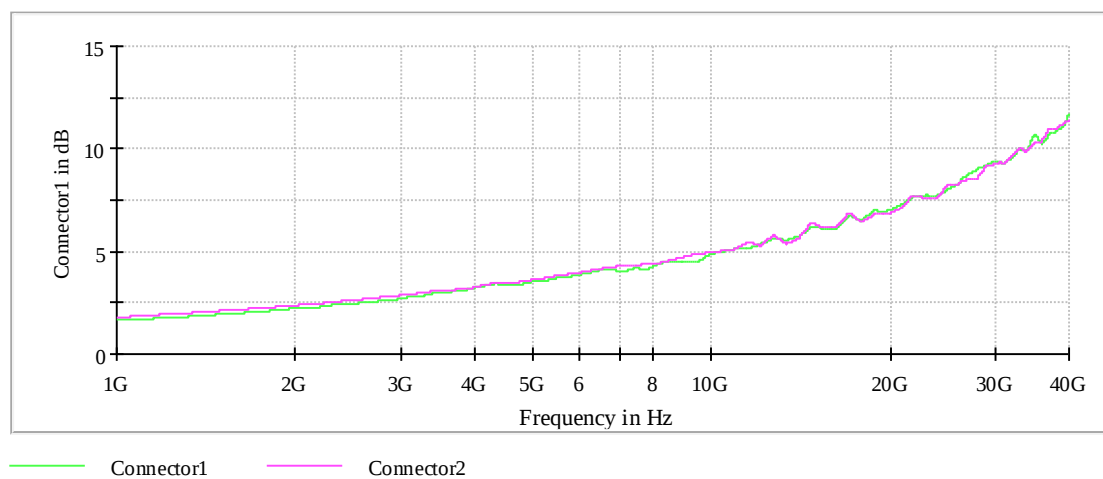
Spurious



Gain



Attenuation



Emissions in restricted frequency bands (Average) (6585 MHz; 24.000 dBm; 320 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

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

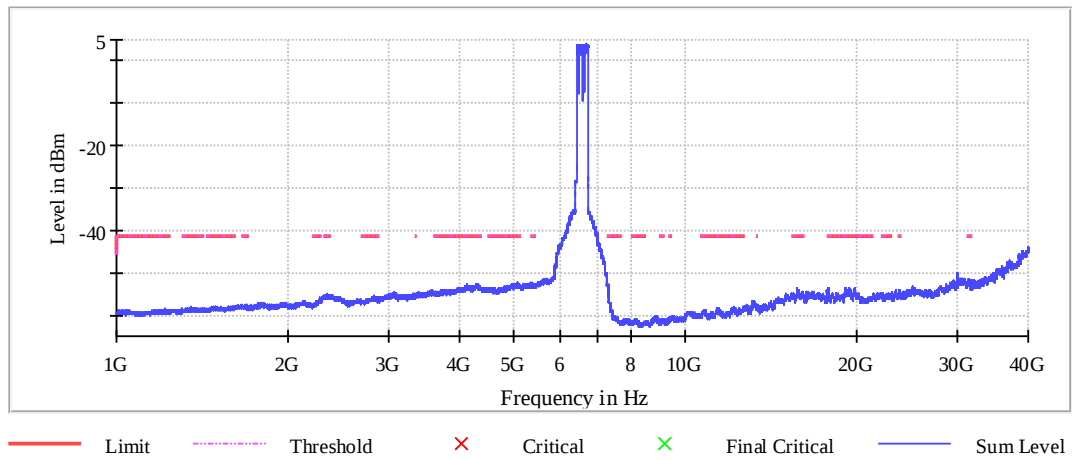
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36495.578263	-49.0	7.8	-41.2
36494.203306	-49.1	7.9	-41.2
36481.141214	-49.2	8.0	-41.2
36437.142589	-49.2	8.0	-41.2
36470.141558	-49.3	8.1	-41.2
36496.265742	-49.3	8.1	-41.2
36497.640699	-49.3	8.1	-41.2
36480.453736	-49.3	8.1	-41.2
36485.953564	-49.3	8.1	-41.2
36498.328177	-49.3	8.1	-41.2
36452.267117	-49.3	8.1	-41.2
36485.266085	-49.3	8.1	-41.2
36499.703134	-49.3	8.1	-41.2
36483.203650	-49.3	8.1	-41.2
36490.765914	-49.3	8.1	-41.2

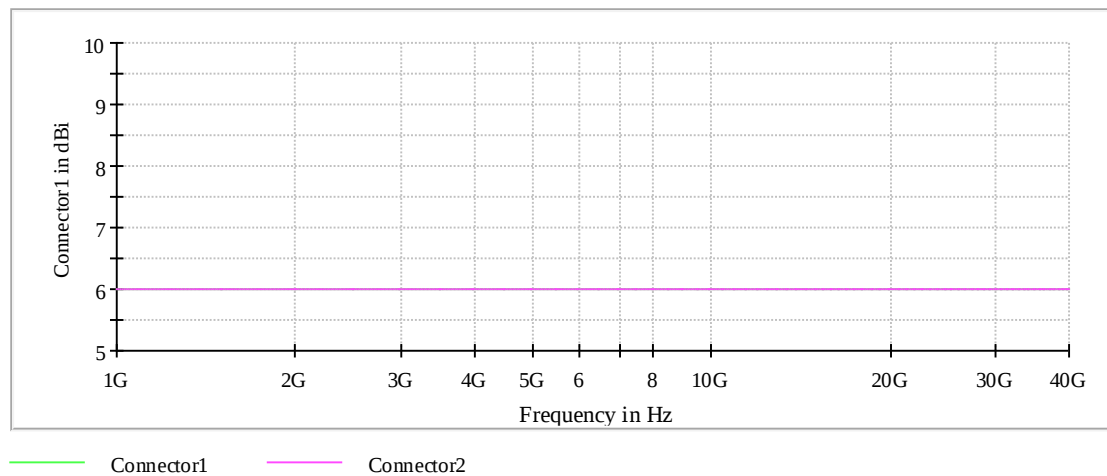
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1

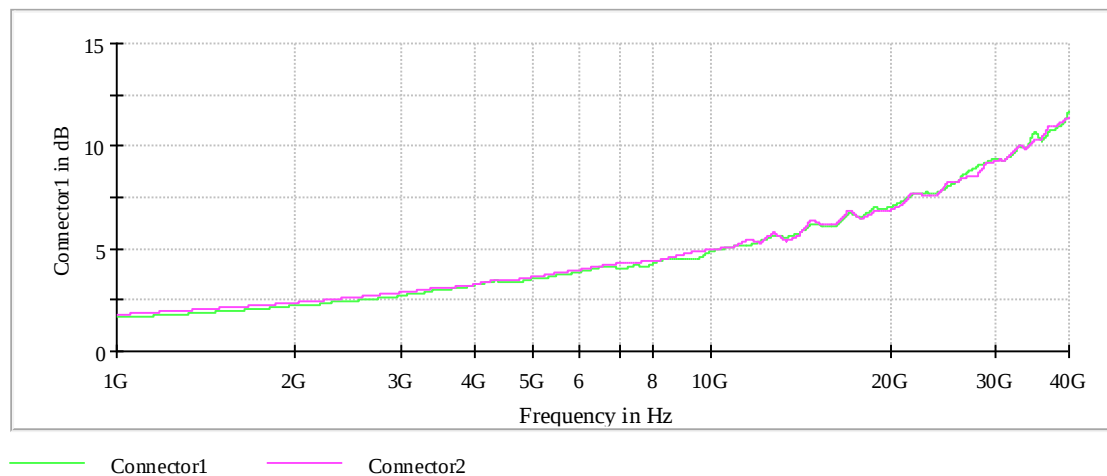
Restricted Band



Gain



Attenuation



Emissions in restricted frequency bands (Peak) (6585 MHz; 24.000 dBm; 320 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

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

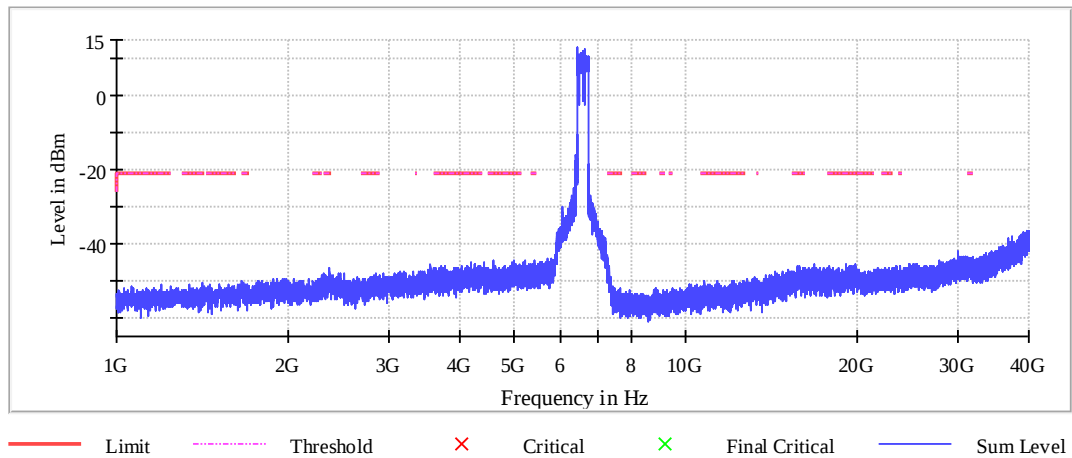
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36437.142589	-41.4	20.2	-21.2
36444.017374	-41.7	20.5	-21.2
36466.016687	-41.7	20.5	-21.2
36432.330240	-42.0	20.8	-21.2
36430.267804	-42.1	20.9	-21.2
36455.704509	-42.2	21.0	-21.2
36441.267460	-42.3	21.1	-21.2
36434.392675	-42.3	21.1	-21.2
36474.266429	-42.4	21.2	-21.2
36465.329208	-42.5	21.3	-21.2
36444.704853	-42.6	21.4	-21.2
36466.704165	-42.6	21.4	-21.2
36484.578607	-42.7	21.5	-21.2
36453.642074	-42.7	21.5	-21.2
36493.515828	-42.7	21.5	-21.2

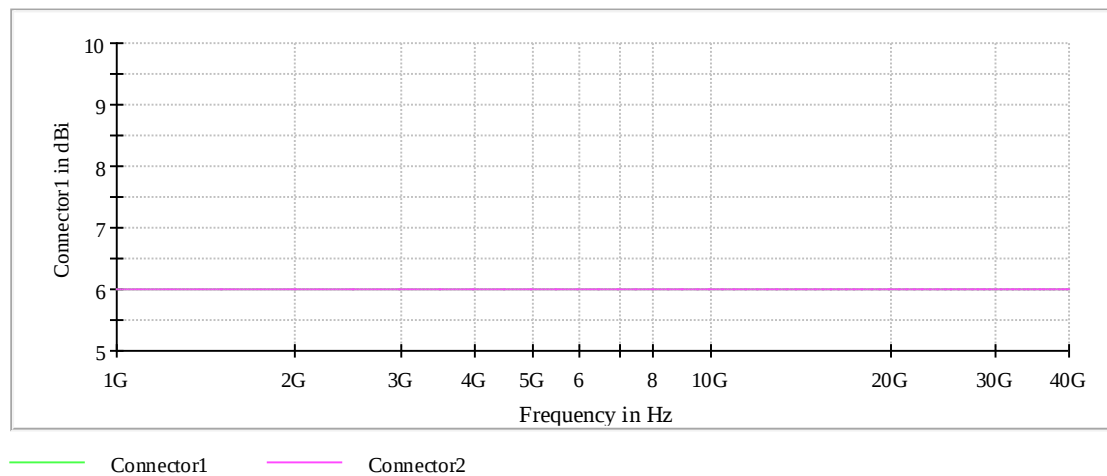
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

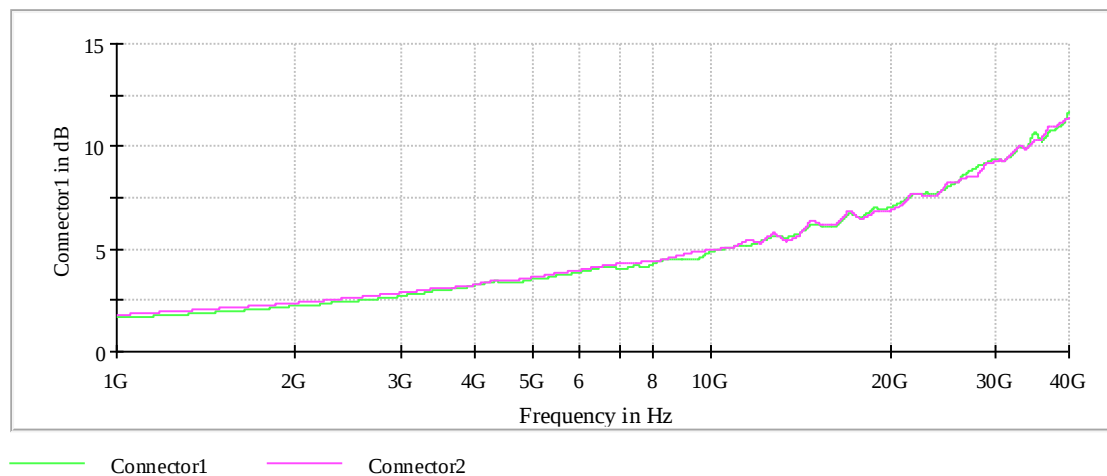
Restricted Band



Gain



Attenuation



1.1 PSD

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6535.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6695.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6875.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6525.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6685.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6885.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6545.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6705.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6865.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6505.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6665.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6825.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6585.000	24.0	320.000000	PASS

Power Spectral Density (SA-2) (6535 MHz; 24.000 dBm; 20 MHz)

Customized settings.

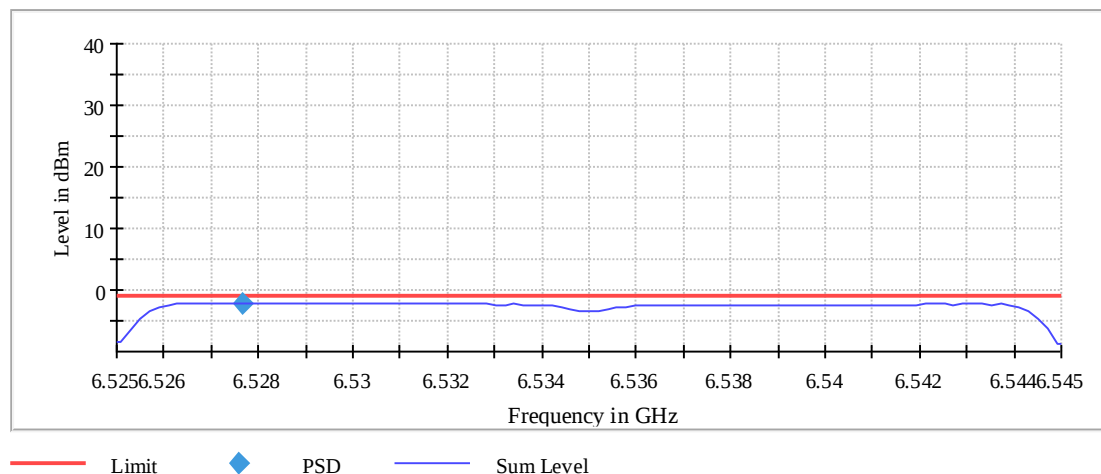
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6535.000000	6527.673267	-2.036	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.52500 GHz	6.52500 GHz
Stop Frequency	6.54500 GHz	6.54500 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off

Power Spectral Density (SA-2) (6695 MHz; 24.000 dBm; 20 MHz)

Customized settings.

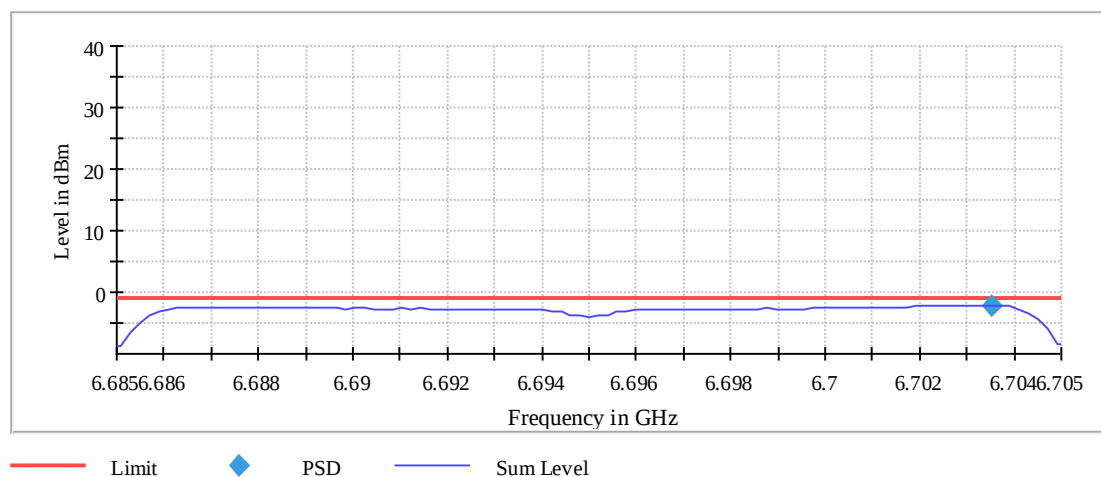
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6695.000000	6703.514851	-2.122	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Power Spectral Density (SA-2) (6875 MHz; 24.000 dBm; 20 MHz)

Customized settings.

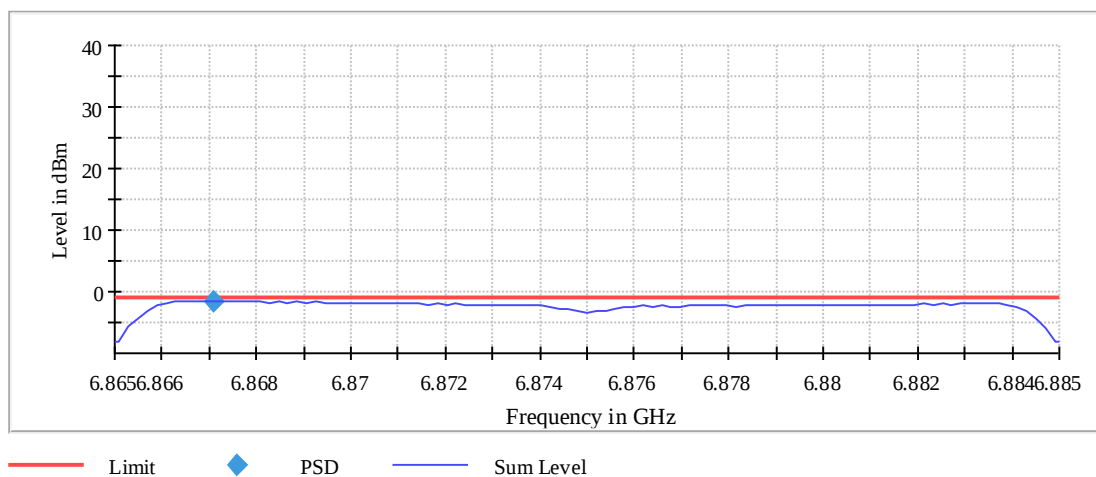
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6875.000000	6867.079208	-1.526	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Power Spectral Density (SA-2) (6525 MHz; 24.000 dBm; 40 MHz)

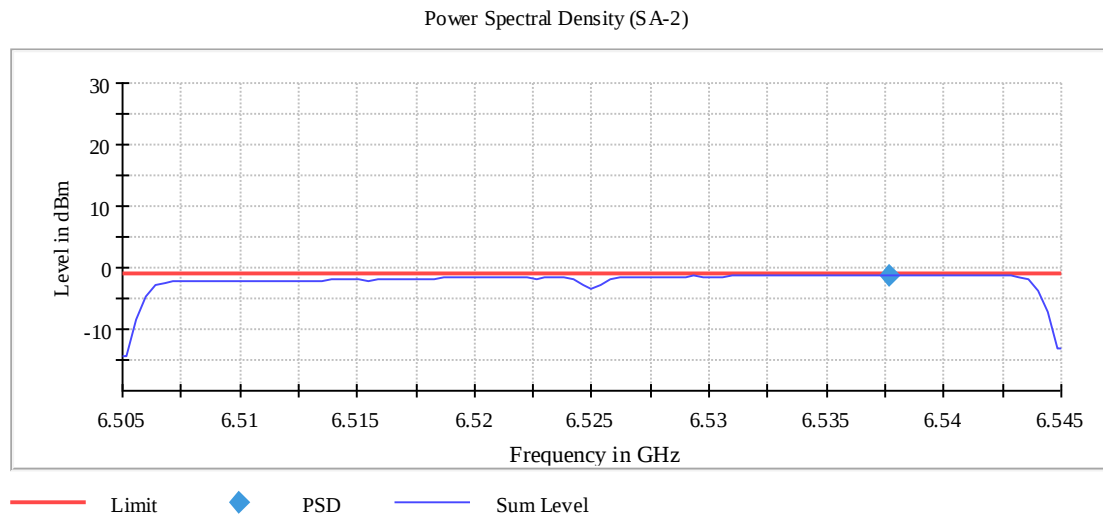
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6525.000000	6537.673267	-1.095	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6685 MHz; 24.000 dBm; 40 MHz)

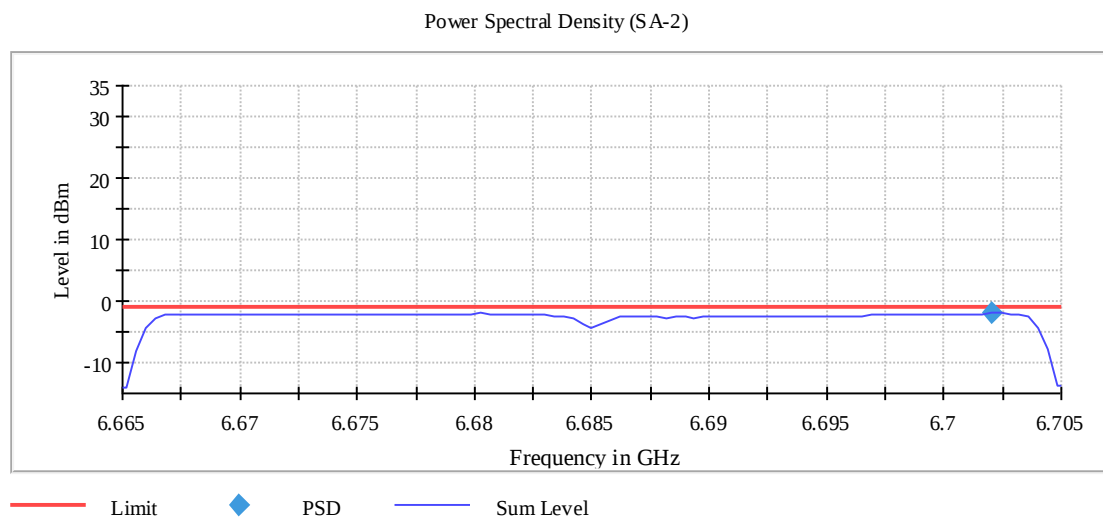
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6685.000000	6702.029703	-1.933	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6885 MHz; 24.000 dBm; 40 MHz)

Customized settings.

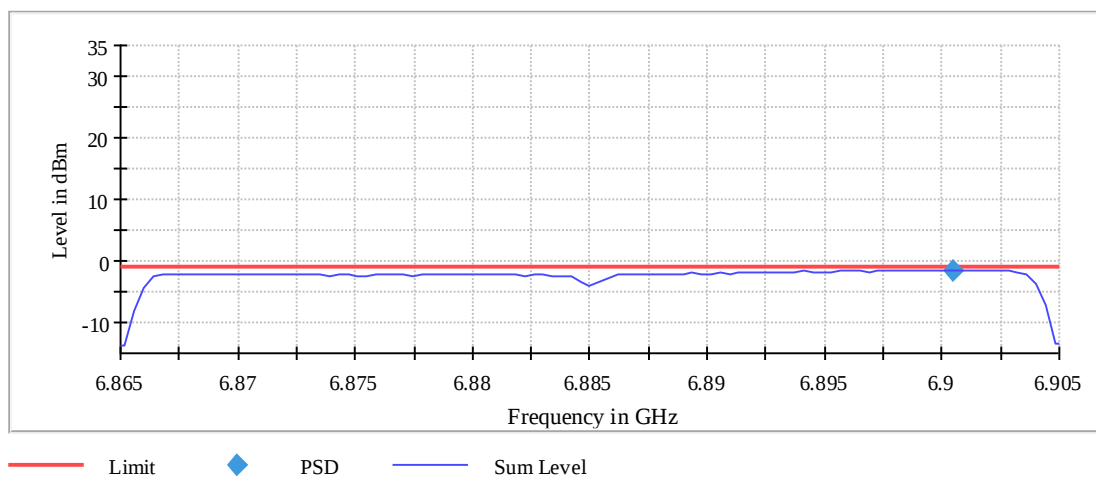
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6885.000000	6900.445545	-1.515	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Power Spectral Density (SA-2) (6545 MHz; 24.000 dBm; 80 MHz)

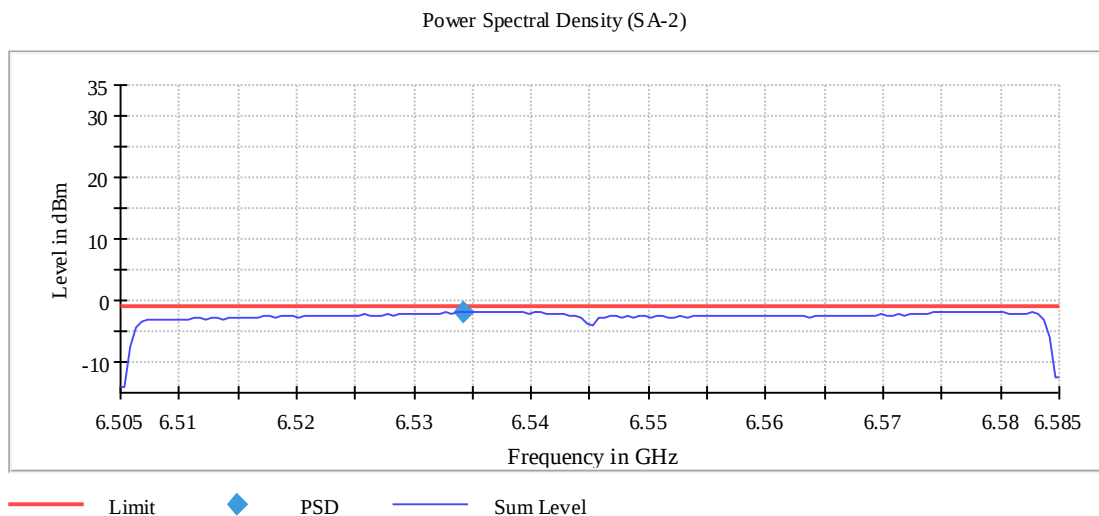
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6545.000000	6534.250000	-1.882	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6705 MHz; 24.000 dBm; 80 MHz)

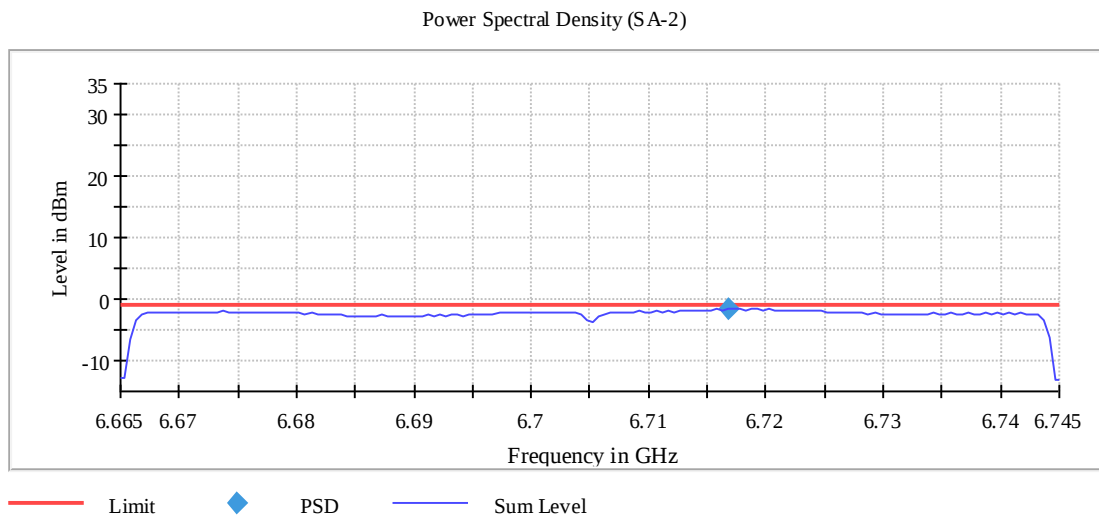
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6716.750000	-1.651	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6865 MHz; 24.000 dBm; 80 MHz)

Customized settings.

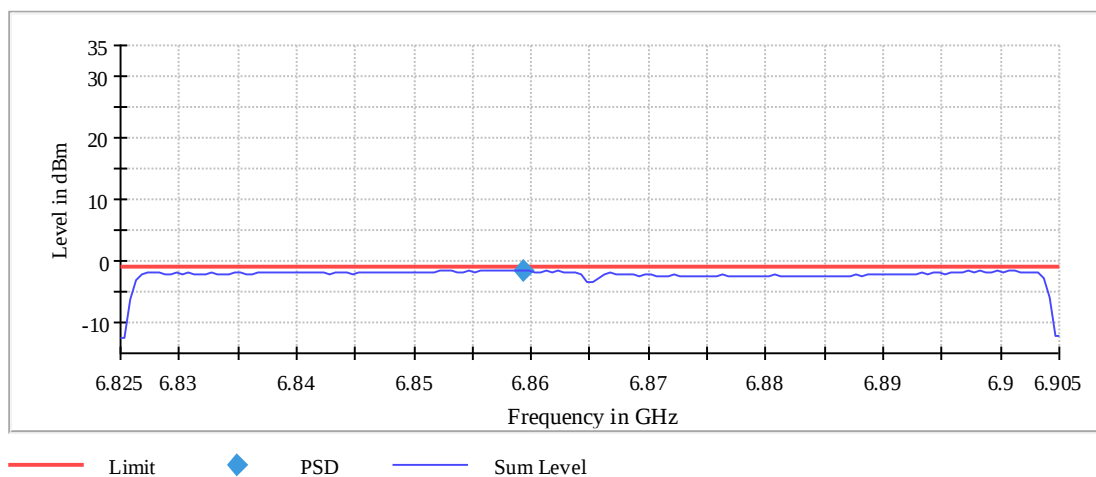
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6865.000000	6859.250000	-1.547	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Power Spectral Density (SA-2) (6505 MHz; 24.000 dBm; 160 MHz)

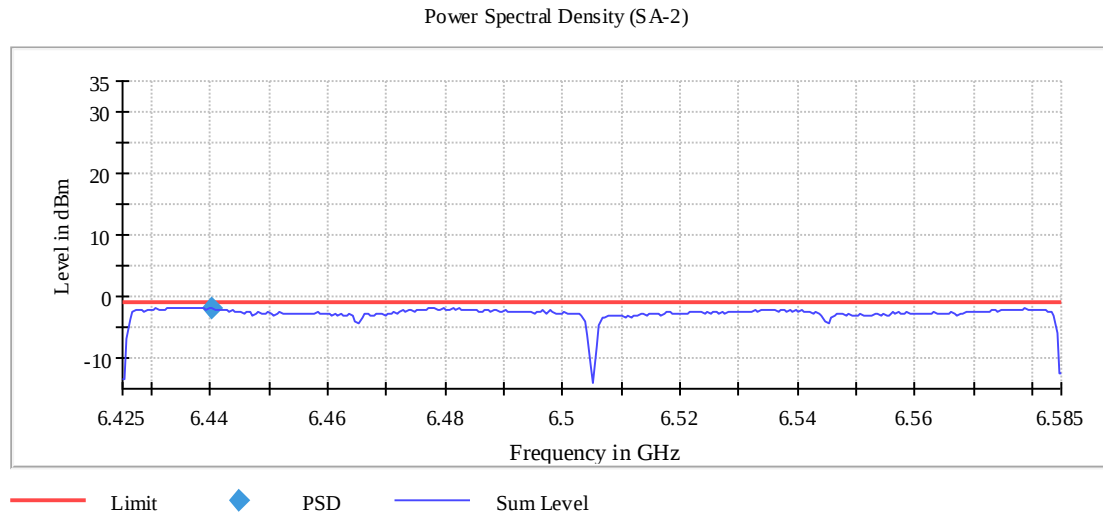
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6505.000000	6440.250000	-1.811	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6665 MHz; 24.000 dBm; 160 MHz)

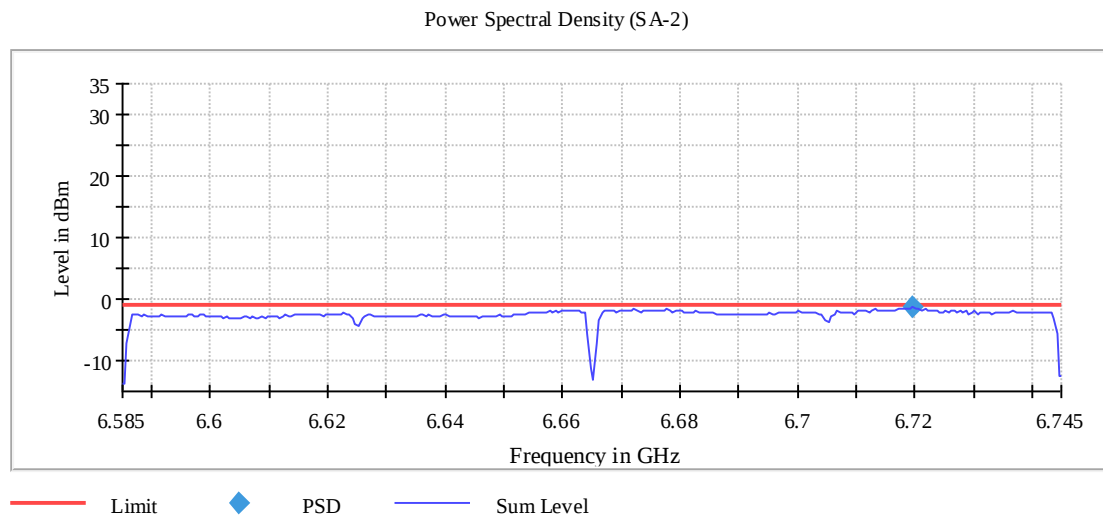
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6719.750000	-1.403	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6825 MHz; 24.000 dBm; 160 MHz)

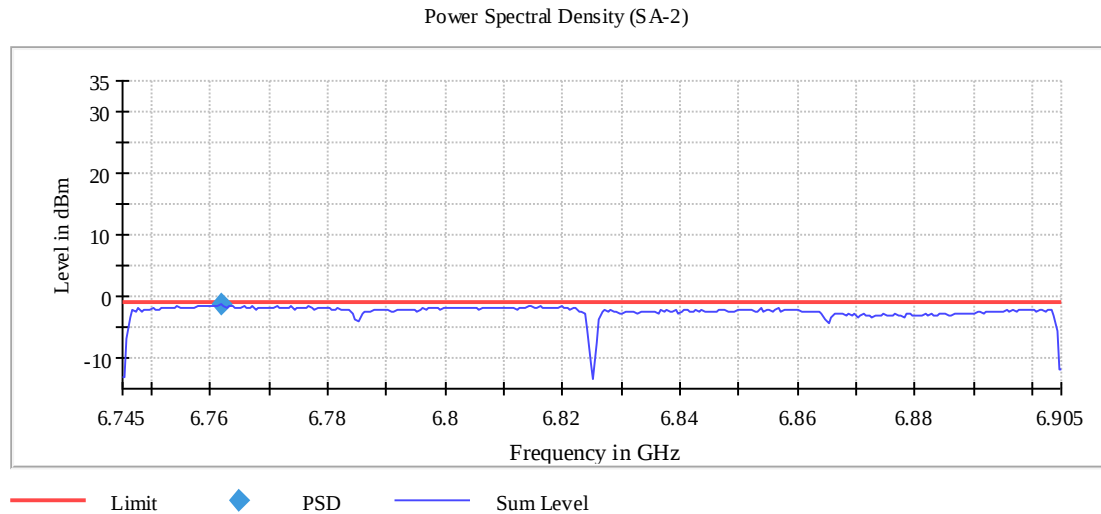
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6825.000000	6761.750000	-1.368	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6585 MHz; 24.000 dBm; 320 MHz)

Customized settings.

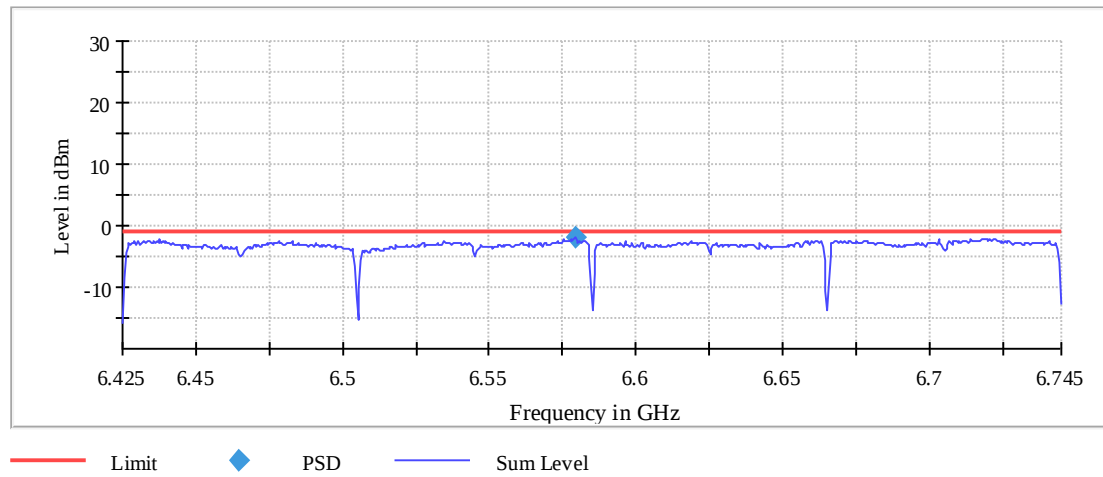
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6585.000000	6579.250000	-2.019	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



-- End of Report --