



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	TR9548_02
Date of Tests	21 November 2024
Report Issue Date	25 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-5

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5955.000	24.0	20.000000	PASS
RF output power	5955.000	24.0	20.000000	PASS
In-Band Emissions	5955.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5955.000	24.0	20.000000	PASS
Frequency Stability	5955.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6195.000	24.0	20.000000	PASS
In-Band Emissions	6195.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6195.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6415.000	24.0	20.000000	PASS
In-Band Emissions	6415.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6415.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5965.000	24.0	40.000000	PASS
In-Band Emissions	5965.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5965.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6205.000	24.0	40.000000	PASS
In-Band Emissions	6205.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6205.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6405.000	24.0	40.000000	PASS
In-Band Emissions	6405.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6405.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5985.000	24.0	80.000000	PASS
In-Band Emissions	5985.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5985.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6225.000	24.0	80.000000	PASS
In-Band Emissions	6225.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6225.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6385.000	24.0	80.000000	PASS
In-Band Emissions	6385.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6385.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6025.000	24.0	160.000000	PASS
In-Band Emissions	6025.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6025.000	24.0	160.000000	PASS
Tx Spurious Emission	6025.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6025.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6025.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6185.000	24.0	160.000000	PASS
In-Band Emissions	6185.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6185.000	24.0	160.000000	PASS
Tx Spurious Emission	6185.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6185.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6185.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6325.000	24.0	160.000000	PASS
In-Band Emissions	6325.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6325.000	24.0	160.000000	PASS
Tx Spurious Emission	6325.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6325.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6325.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6265.000	24.0	320.000000	PASS
In-Band Emissions	6265.000	24.0	320.000000	PASS
Occupied Channel Bandwidth 99%	6265.000	24.0	320.000000	PASS
Tx Spurious Emission	6265.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Average)	6265.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6265.000	24.0	320.000000	PASS

Emission Bandwidth 26 dB (5955 MHz; 24.000 dBm; 20 MHz)

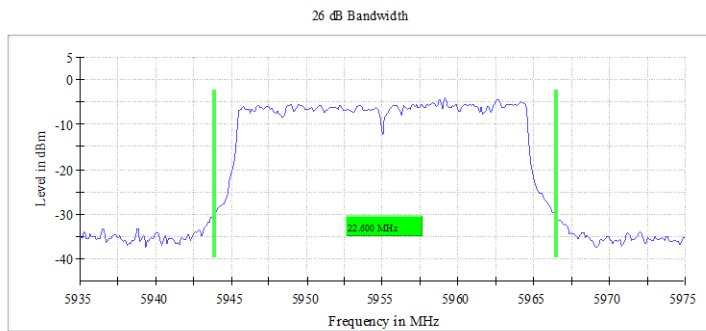
Customized settings.

26 dB Bandwidth

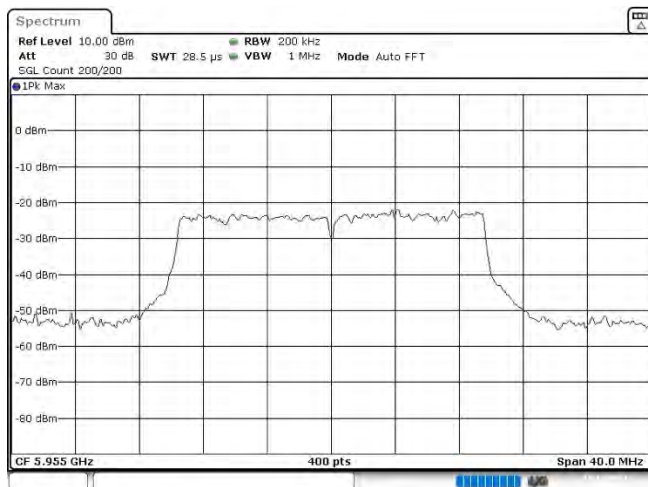
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5955.000000	22.600000	---	320.000000	5943.850000	---

(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
5955.000000	5966.450000	---	-4.1	PASS



Bandwidth



Date: 18.NOV.2024 04:11:13

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.93500 GHz	5.93500 GHz
Stop Frequency	5.97500 GHz	5.97500 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 (5955 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
5955.000000	10.4	24.0	10.4	99.716	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 (5955 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

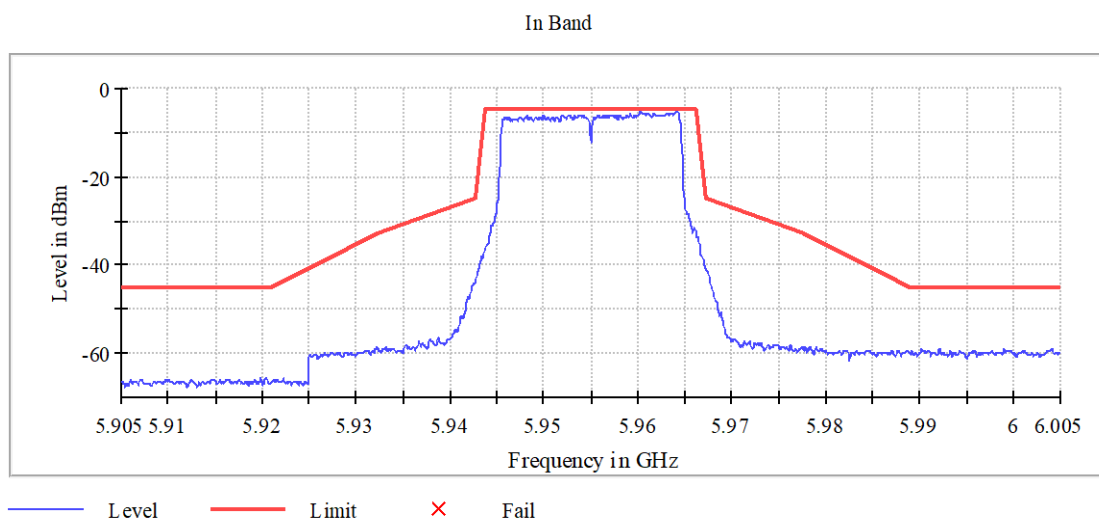
DUT Frequency (MHz)	Result
5955.000000	PASS

Inband Peak

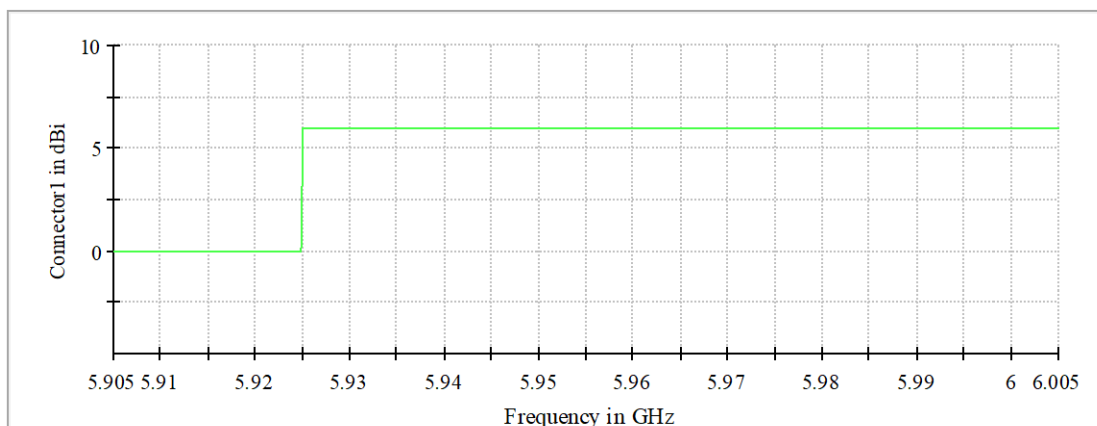
Frequency (MHz)	Level (dBm)
5964.250000	-5.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5964.150000	-5.0	0.1	-5.0	PASS
5960.350000	-5.4	0.4	-5.0	PASS
5960.450000	-5.5	0.5	-5.0	PASS
5960.250000	-5.5	0.5	-5.0	PASS
5960.750000	-5.5	0.6	-5.0	PASS
5963.550000	-5.6	0.6	-5.0	PASS
5963.650000	-5.6	0.6	-5.0	PASS
5964.050000	-5.6	0.6	-5.0	PASS
5963.050000	-5.6	0.6	-5.0	PASS
5961.150000	-5.6	0.7	-5.0	PASS
5960.550000	-5.7	0.7	-5.0	PASS
5960.650000	-5.7	0.7	-5.0	PASS
5960.850000	-5.7	0.7	-5.0	PASS
5963.150000	-5.7	0.7	-5.0	PASS
5963.250000	-5.7	0.7	-5.0	PASS

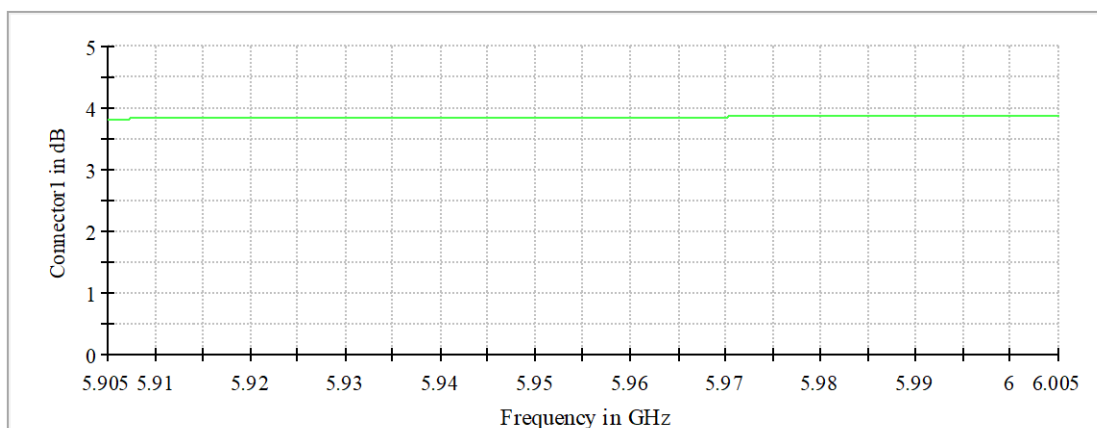


Gain



Connector1

Attenuation



Connector1

Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	5.90500 GHz	5.90500 GHz
Stop Frequency	6.00500 GHz	6.00500 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% (5955 MHz; 24.000 dBm; 20 MHz)

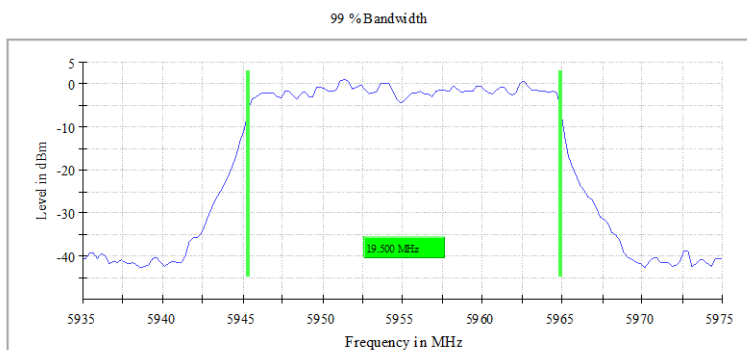
Customized settings.

99 % Bandwidth

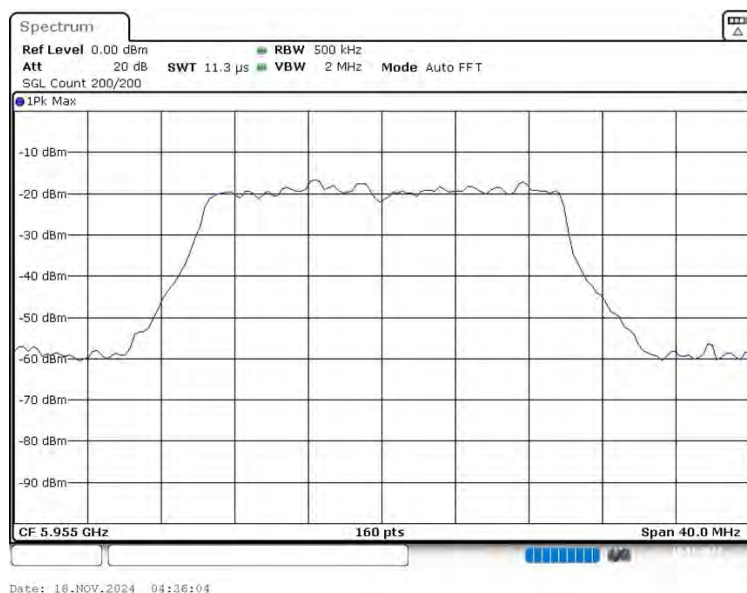
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5955.000000	19.500000	---	320.000000	5945.375000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5955.000000	5964.875000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.93500 GHz	5.93500 GHz
Stop Frequency	5.97500 GHz	5.97500 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

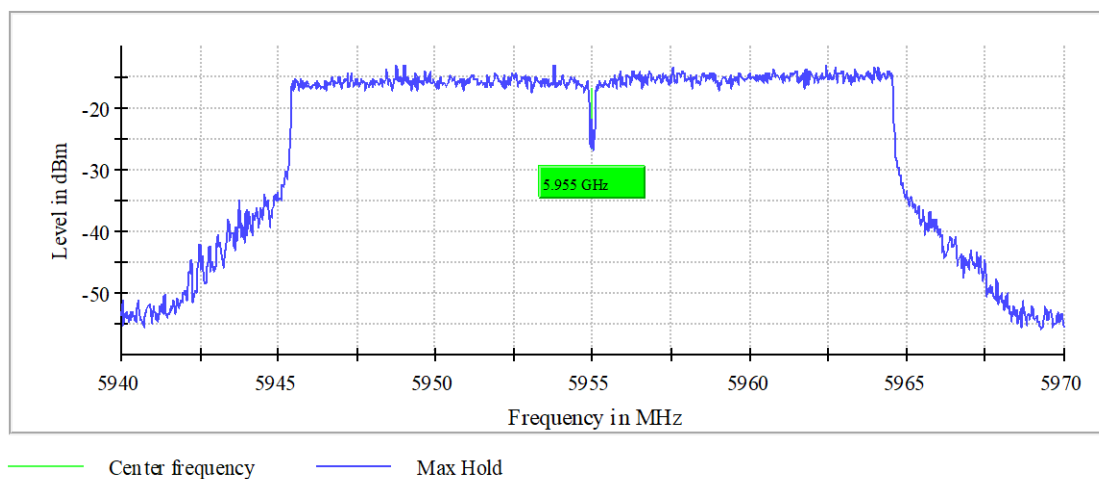
Frequency Stability (5955 MHz; 24.000 dBm; 20 MHz)

Customized settings.

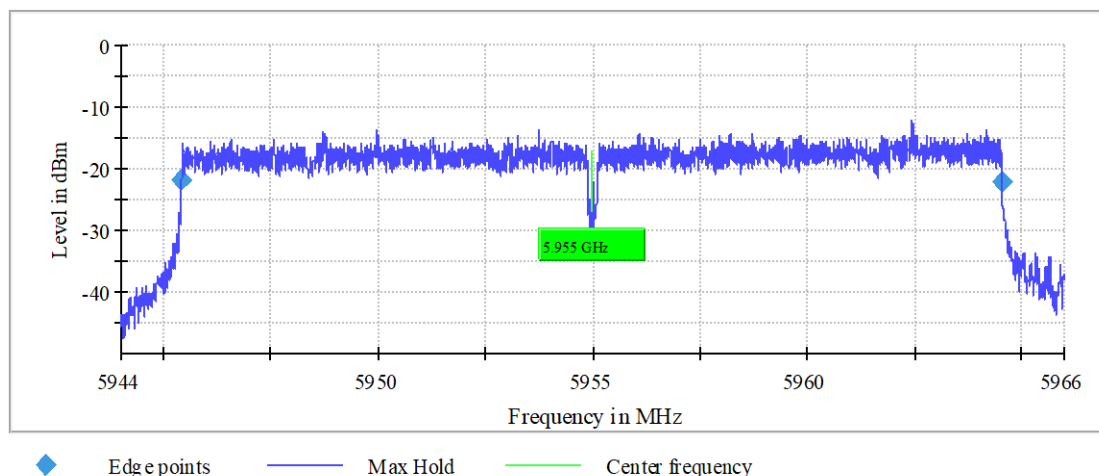
Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
5955.000000	5954.993401	1.108	-6.599000	---	---	PASS

Frequency stability Pre



Frequency stability



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.94400 GHz	5.94400 GHz
Stop Frequency	5.96600 GHz	5.96600 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 (6195 MHz; 24.000 dBm; 20 MHz)

Customized settings.

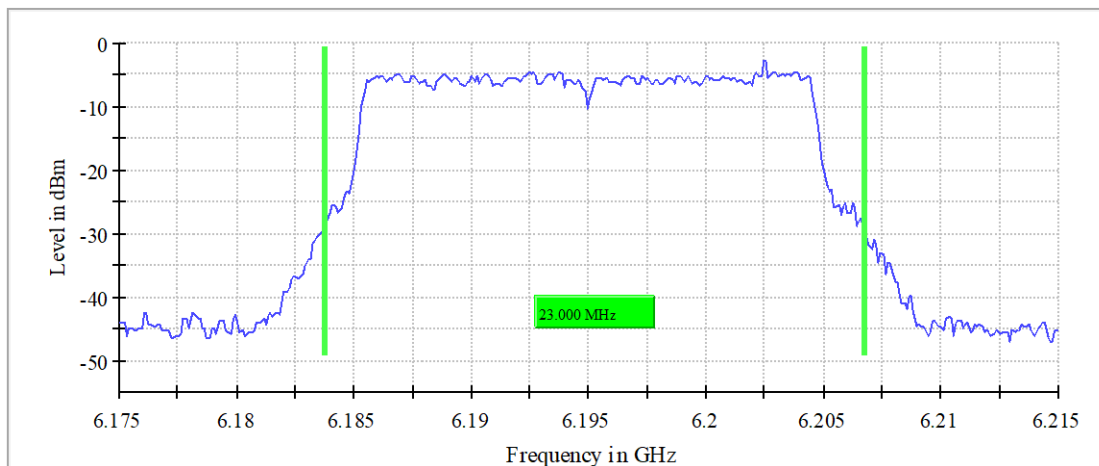
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6195.000000	23.000000	---	320.000000	6183.750000	---

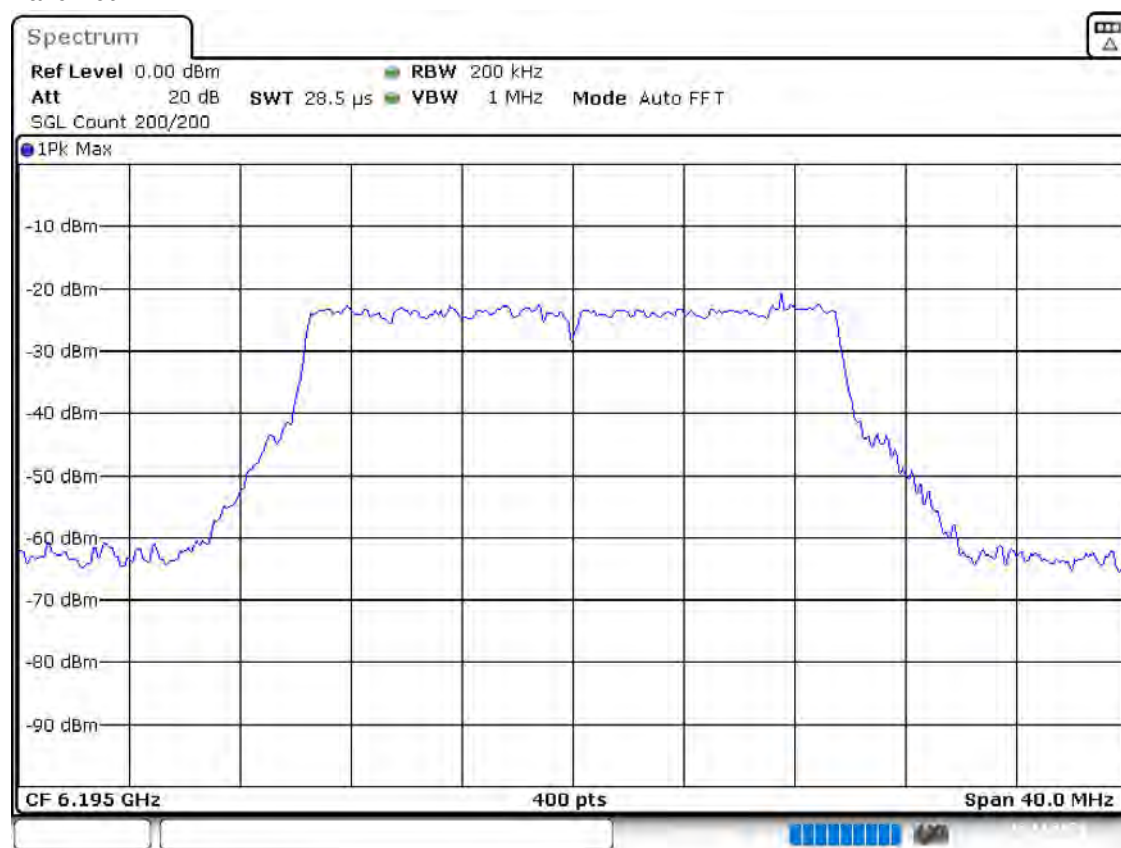
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6195.000000	6206.750000	---	-2.7	PASS

26 dB Bandwidth



Bandwidth



Date: 18.NOV.2024 04:37:20

In-Band Emissions (6195 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6195.000000	PASS

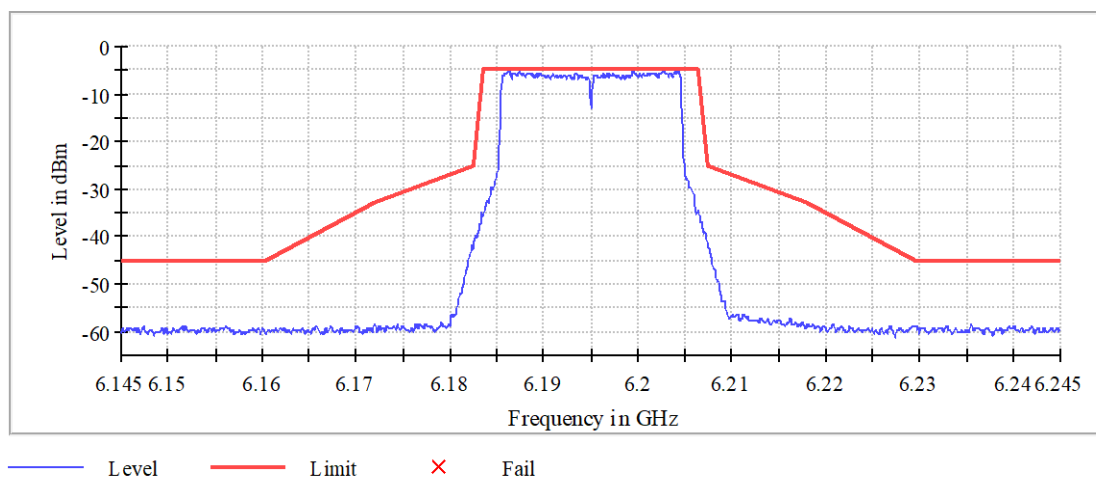
Inband Peak

Frequency (MHz)	Level (dBm)
6204.250000	-5.0

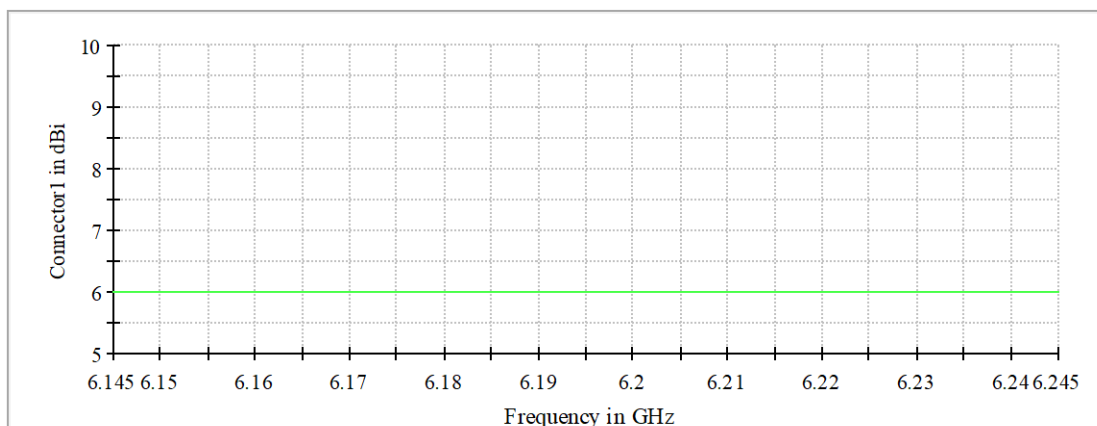
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6204.350000	-5.1	0.1	-5.0	PASS
6203.950000	-5.2	0.2	-5.0	PASS
6204.450000	-5.2	0.2	-5.0	PASS
6186.250000	-5.2	0.3	-5.0	PASS
6199.550000	-5.3	0.3	-5.0	PASS
6199.450000	-5.3	0.3	-5.0	PASS
6186.350000	-5.3	0.3	-5.0	PASS
6202.650000	-5.4	0.4	-5.0	PASS
6202.850000	-5.4	0.4	-5.0	PASS
6187.450000	-5.4	0.4	-5.0	PASS
6186.150000	-5.4	0.4	-5.0	PASS
6202.750000	-5.4	0.4	-5.0	PASS
6201.250000	-5.5	0.5	-5.0	PASS
6185.850000	-5.5	0.5	-5.0	PASS
6204.050000	-5.5	0.5	-5.0	PASS

In Band

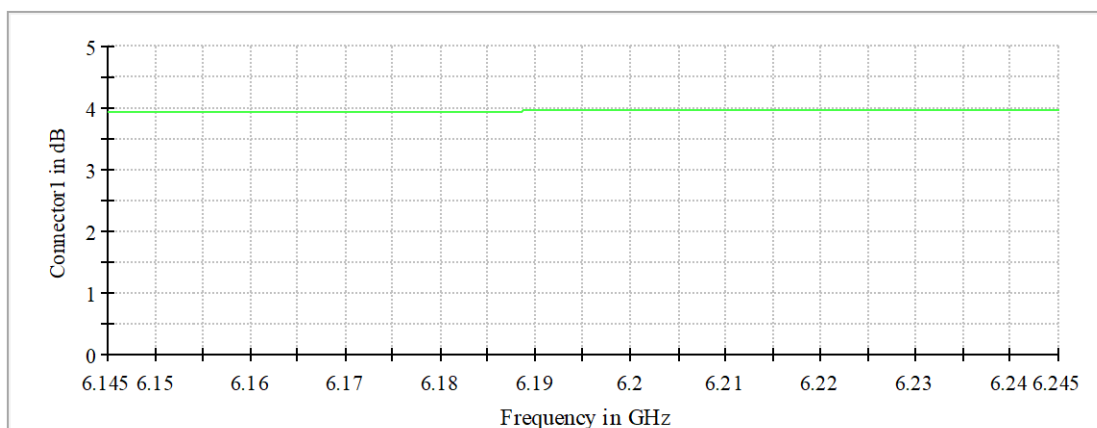


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6195 MHz; 24.000 dBm; 20 MHz)

Customized settings.

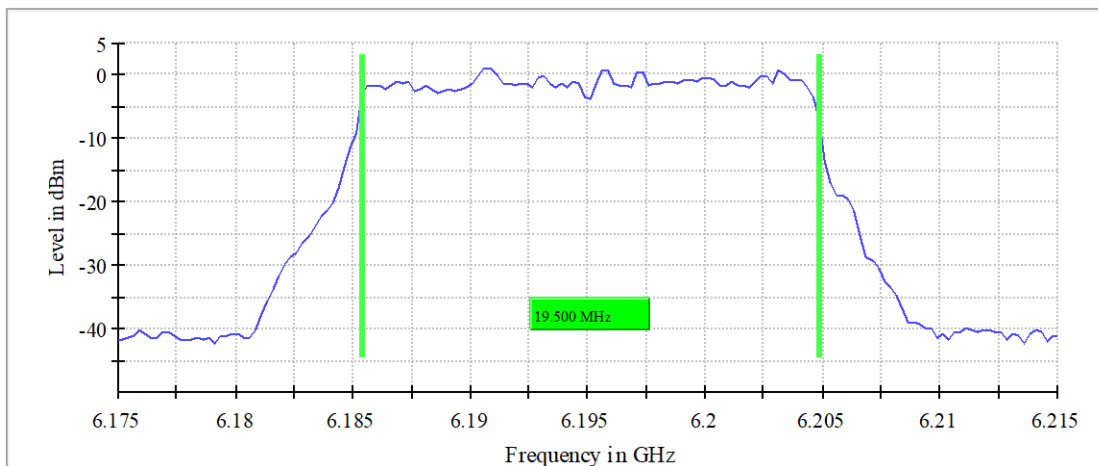
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6195.000000	19.500000	---	320.000000	6185.375000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6195.000000	6204.875000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18-NOV-2024 04:38:20

Emission Bandwidth 26 dB (6415 MHz; 24.000 dBm; 20 MHz)

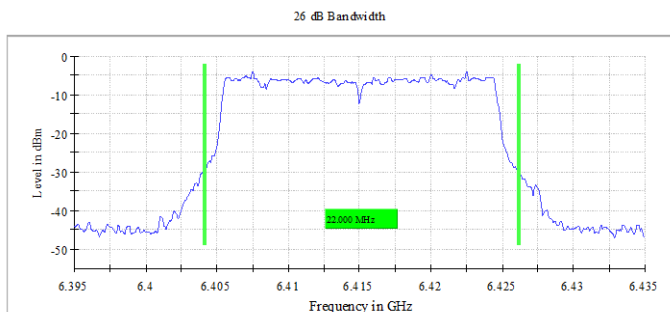
Customized settings.

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6415.000000	22.000000	---	320.000000	6404.150000	---

(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
6415.000000	6426.150000	---	-3.9	PASS



Bandwidth



Date: 18.NOV.2024 04:38:40

In-Band Emissions (6415 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

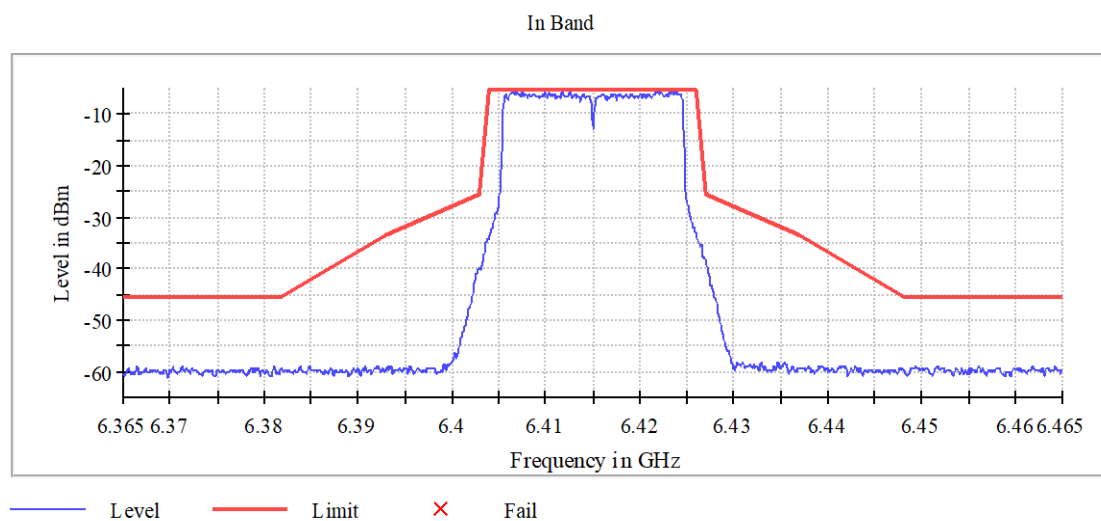
DUT Frequency (MHz)	Result
6415.000000	PASS

Inband Peak

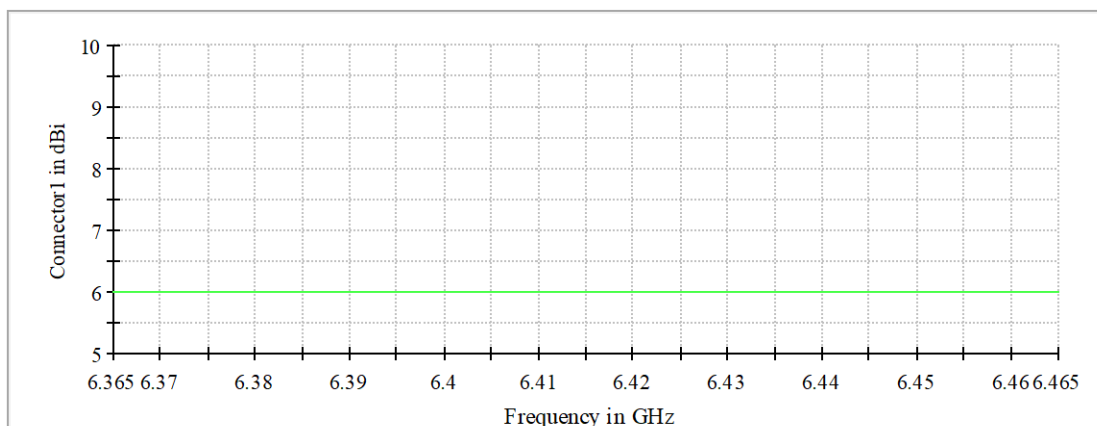
Frequency (MHz)	Level (dBm)
6406.550000	-5.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6406.650000	-5.5	0.0	-5.5	PASS
6406.350000	-5.6	0.1	-5.5	PASS
6412.550000	-5.6	0.2	-5.5	PASS
6421.950000	-5.6	0.2	-5.5	PASS
6423.950000	-5.6	0.2	-5.5	PASS
6423.850000	-5.6	0.2	-5.5	PASS
6406.450000	-5.6	0.2	-5.5	PASS
6421.750000	-5.7	0.3	-5.5	PASS
6410.350000	-5.8	0.3	-5.5	PASS
6412.650000	-5.8	0.3	-5.5	PASS
6410.450000	-5.8	0.3	-5.5	PASS
6423.450000	-5.8	0.4	-5.5	PASS
6423.550000	-5.8	0.4	-5.5	PASS
6422.350000	-5.8	0.4	-5.5	PASS
6406.950000	-5.8	0.4	-5.5	PASS

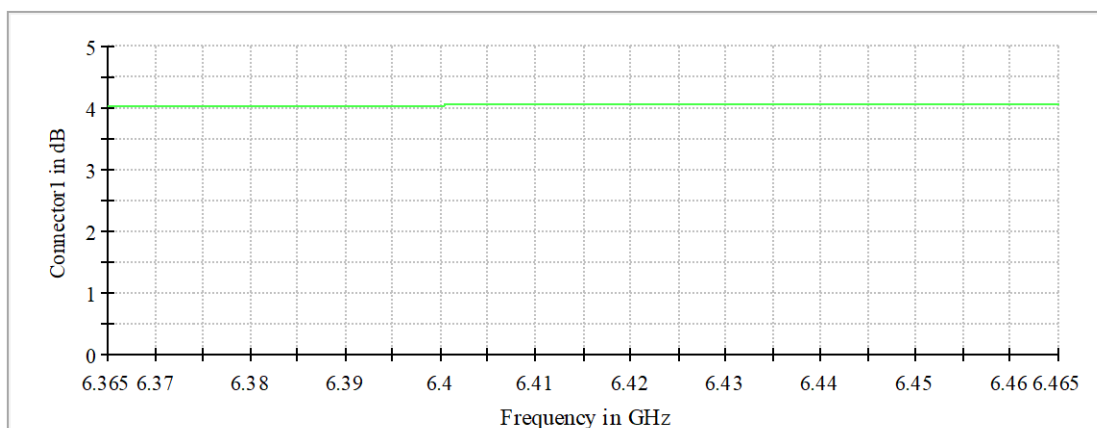


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6415 MHz; 24.000 dBm; 20 MHz)

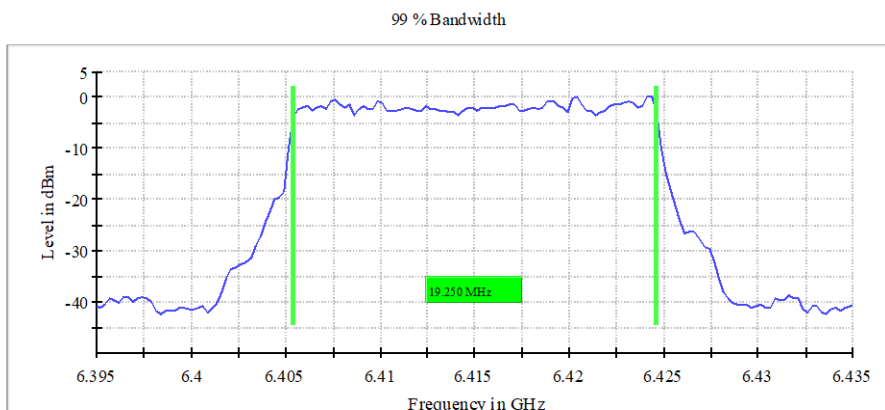
Customized settings.

99 % Bandwidth

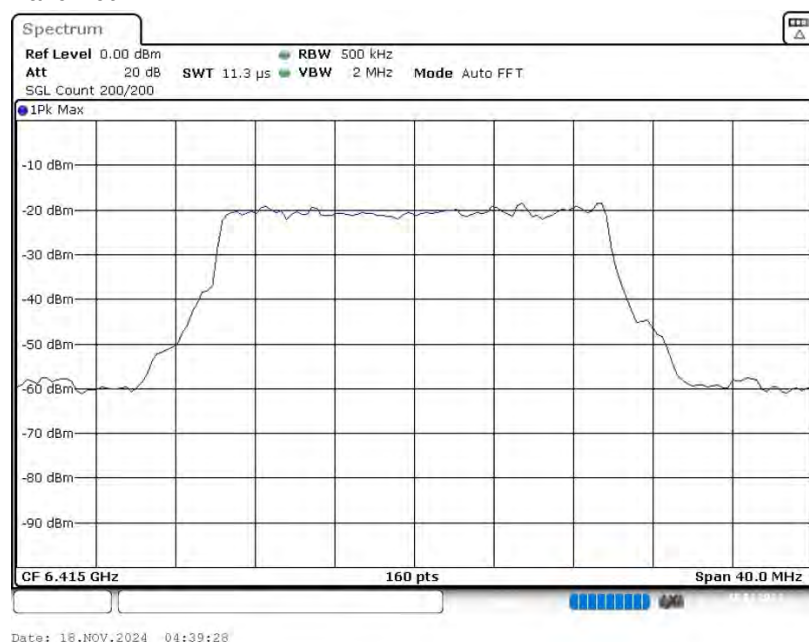
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6415.000000	19.250000	---	320.000000	6405.375000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6415.000000	6424.625000	7125.000000	PASS



Bandwidth



Emission Bandwidth 26 dB (5965 MHz; 24.000 dBm; 40 MHz)

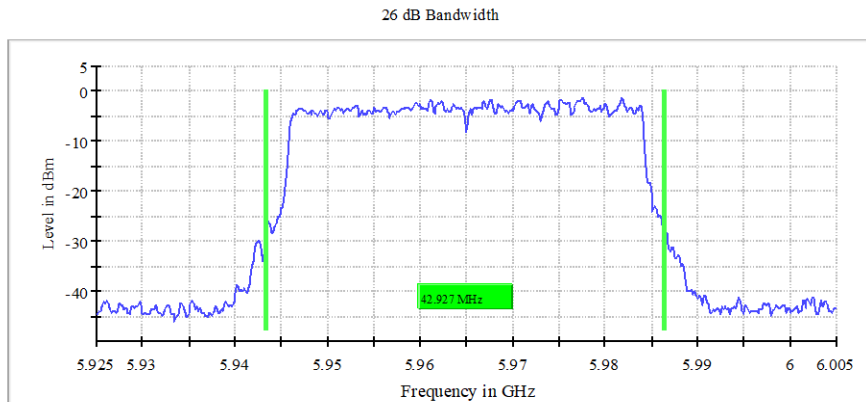
Customized settings.

26 dB Bandwidth

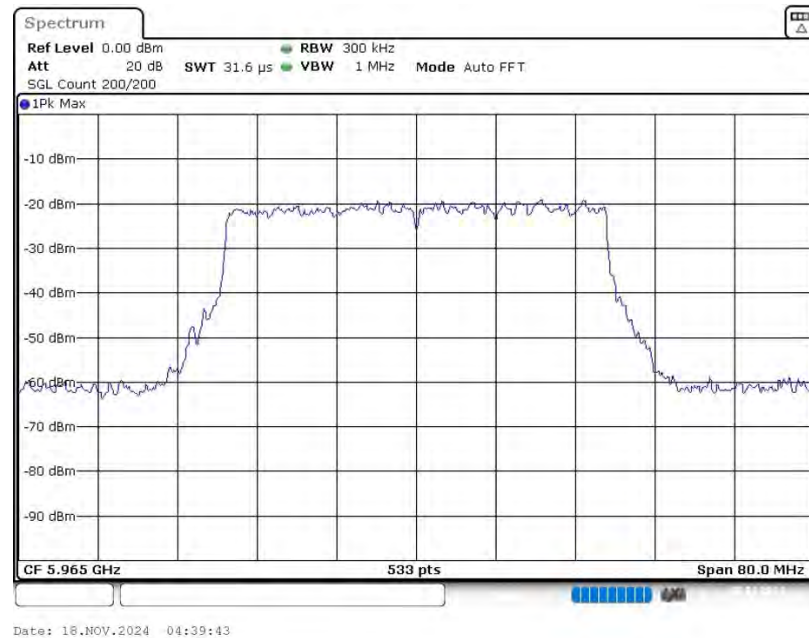
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5965.000000	42.926829	---	320.000000	5943.386492	---

(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
5965.000000	5986.313321	---	-1.4	PASS



Bandwidth



In-Band Emissions (5965 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
5965.000000	PASS

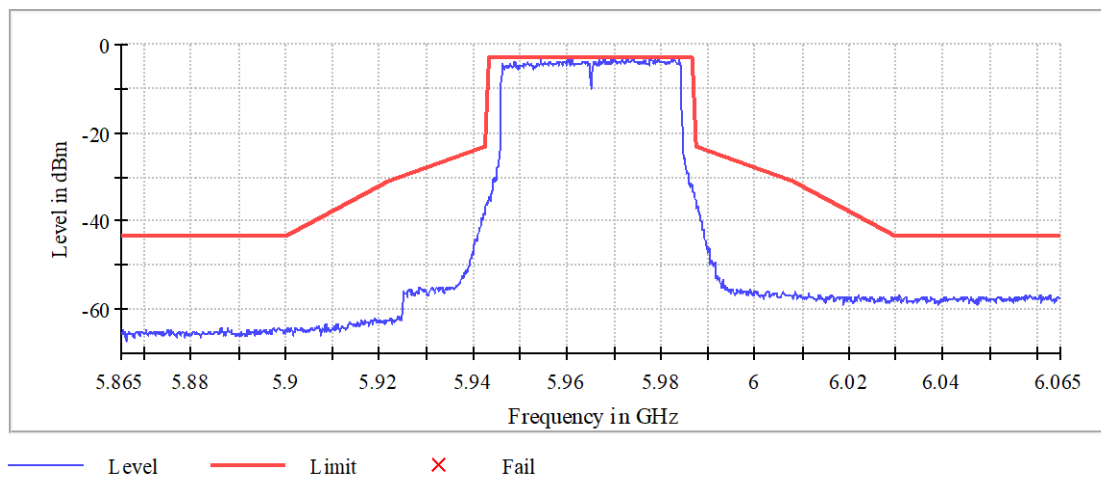
Inband Peak

Frequency (MHz)	Level (dBm)
5982.104276	-3.3

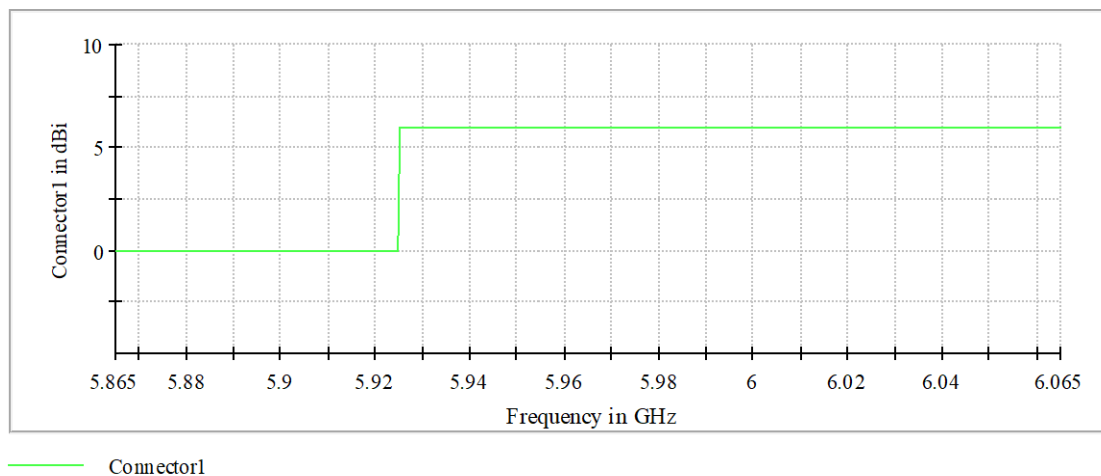
Measurements

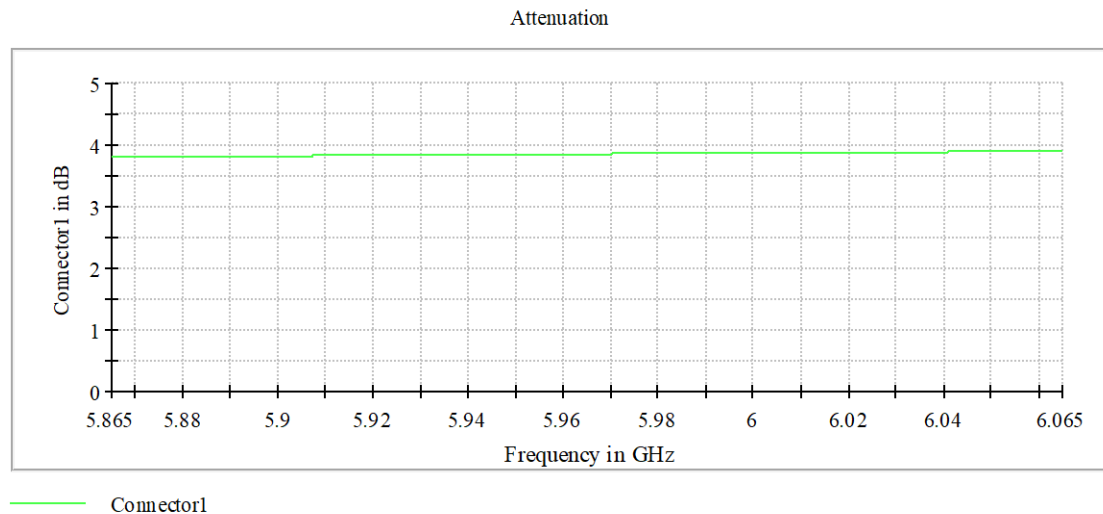
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5982.104276	-3.3	0.0	-3.3	PASS
5969.951238	-3.4	0.1	-3.3	PASS
5969.801200	-3.4	0.1	-3.3	PASS
5977.903226	-3.4	0.1	-3.3	PASS
5960.948987	-3.4	0.2	-3.3	PASS
5983.754689	-3.5	0.2	-3.3	PASS
5960.798950	-3.5	0.2	-3.3	PASS
5983.904726	-3.5	0.2	-3.3	PASS
5966.650413	-3.5	0.2	-3.3	PASS
5968.000750	-3.5	0.2	-3.3	PASS
5954.497374	-3.5	0.2	-3.3	PASS
5973.702176	-3.5	0.2	-3.3	PASS
5974.152288	-3.5	0.2	-3.3	PASS
5979.553638	-3.5	0.2	-3.3	PASS
5978.053263	-3.5	0.3	-3.3	PASS

In Band



Gain





Occupied Channel Bandwidth 99% (5965 MHz; 24.000 dBm; 40 MHz)

Customized settings.

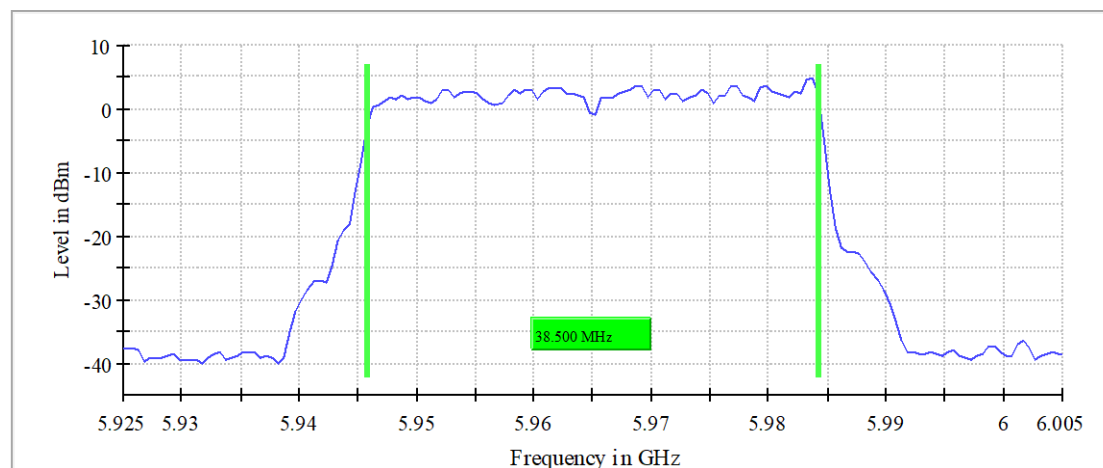
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5965.000000	38.500000	---	320.000000	5945.750000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5965.000000	5984.250000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18.NOV.2024 04:40:35

Emission Bandwidth 26 dB (6205 MHz; 24.000 dBm; 40 MHz)

Customized settings.

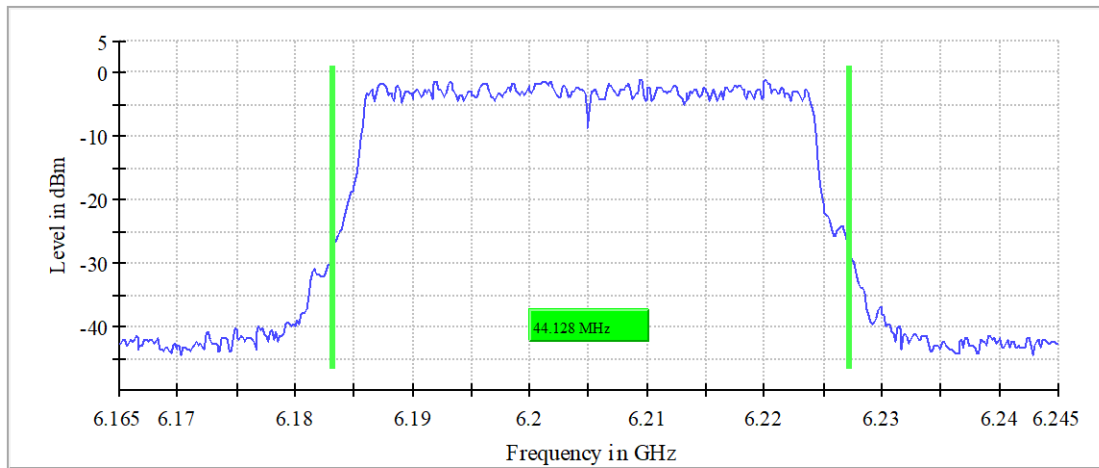
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6205.000000	44.127580	---	320.000000	6183.086304	---

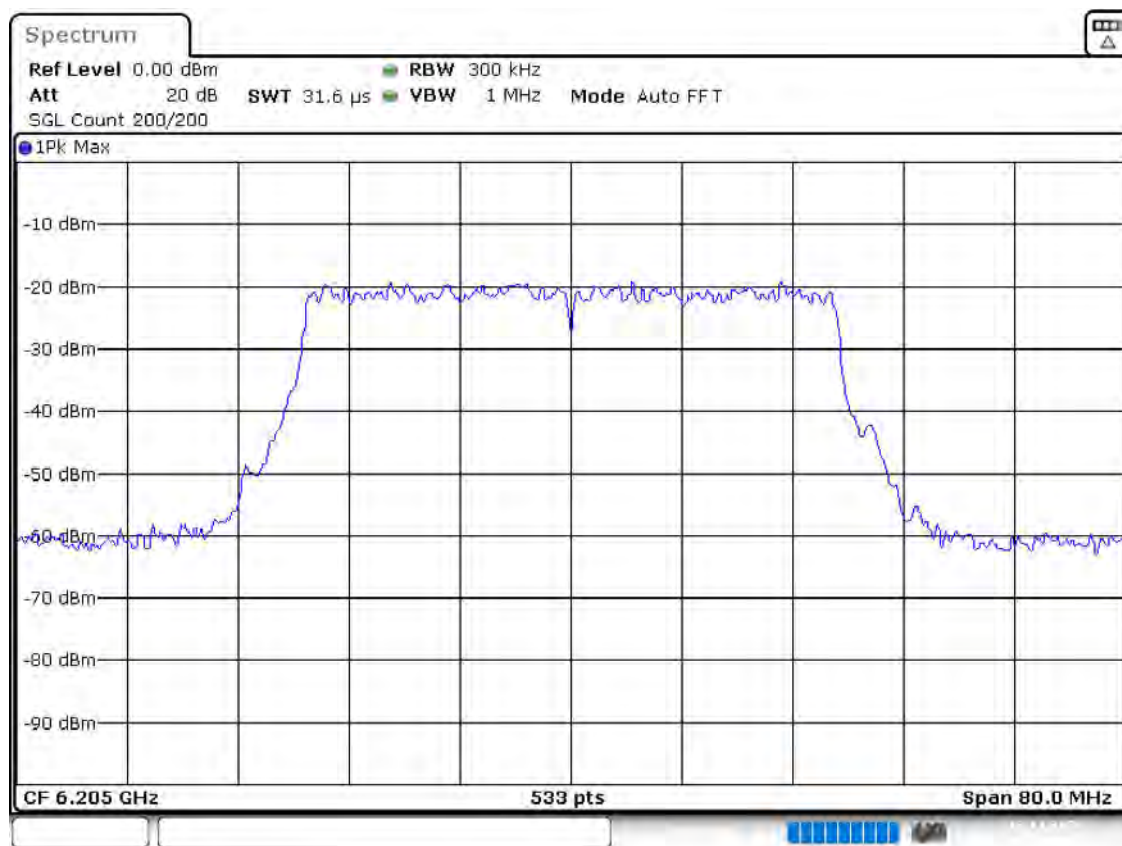
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6205.000000	6227.213884	---	-1.1	PASS

26 dB Bandwidth



Bandwidth



Date: 18.NOV.2024 04:40:51

In-Band Emissions (6205 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6205.000000	PASS

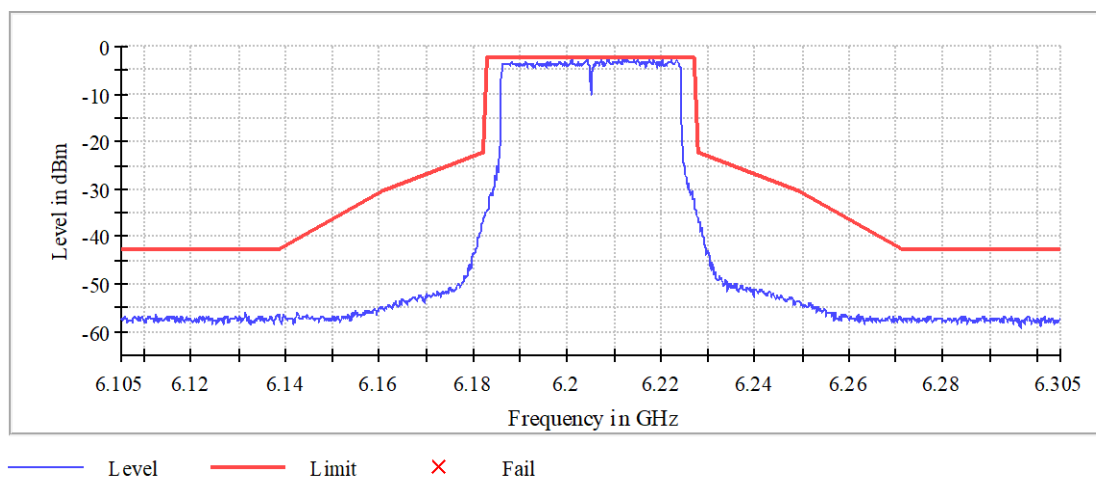
Inband Peak

Frequency (MHz)	Level (dBm)
6217.603151	-2.5

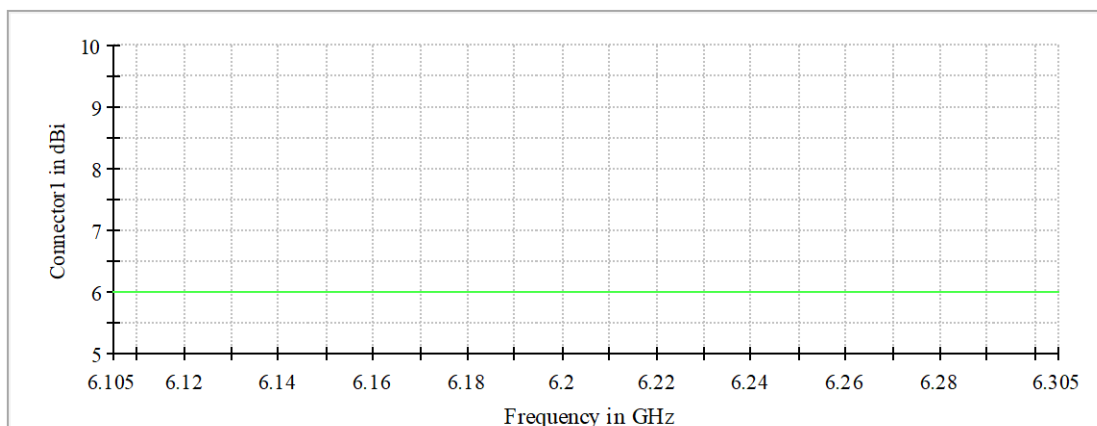
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6217.603151	-2.5	0.0	-2.5	PASS
6223.154539	-2.8	0.3	-2.5	PASS
6211.901725	-2.9	0.4	-2.5	PASS
6214.902476	-2.9	0.4	-2.5	PASS
6208.900975	-2.9	0.5	-2.5	PASS
6211.001500	-2.9	0.5	-2.5	PASS
6212.351838	-2.9	0.5	-2.5	PASS
6207.250563	-3.0	0.5	-2.5	PASS
6207.400600	-3.0	0.5	-2.5	PASS
6208.600900	-3.0	0.5	-2.5	PASS
6200.948987	-3.0	0.5	-2.5	PASS
6212.801950	-3.0	0.5	-2.5	PASS
6218.503376	-3.0	0.5	-2.5	PASS
6222.104276	-3.0	0.5	-2.5	PASS
6223.454614	-3.0	0.5	-2.5	PASS

In Band

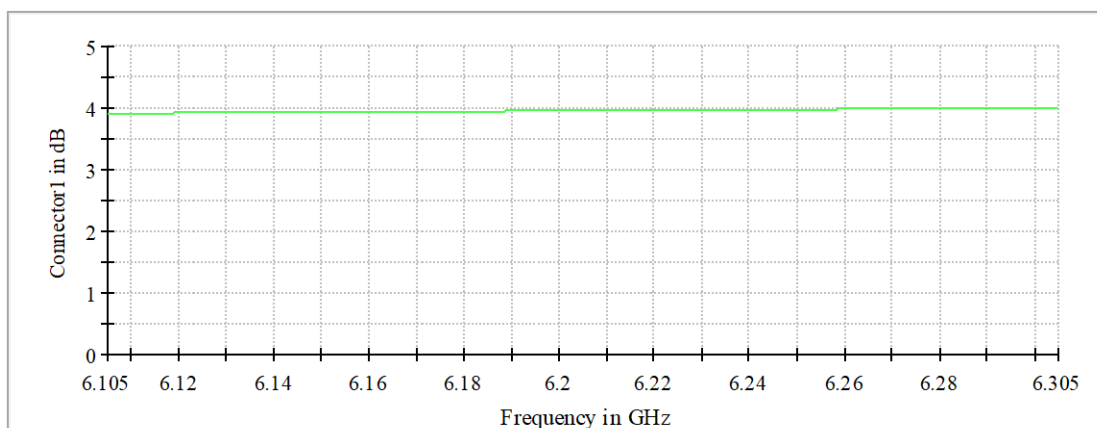


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6205 MHz; 24.000 dBm; 40 MHz)

Customized settings.

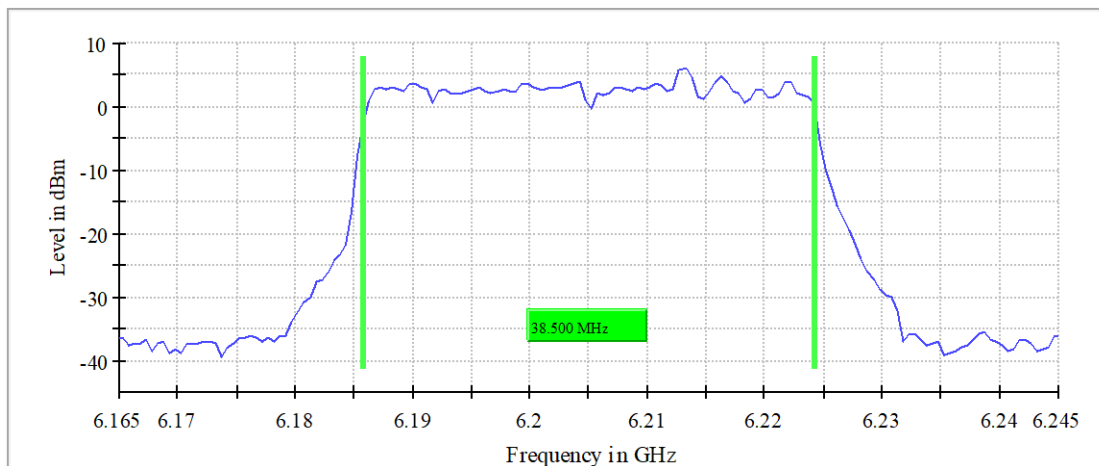
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6205.000000	38.500000	---	320.000000	6185.750000	5925.000000

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

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6205.000000	6224.250000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18.NOV.2024 04:41:41

Emission Bandwidth 26 dB (6405 MHz; 24.000 dBm; 40 MHz)

Customized settings.

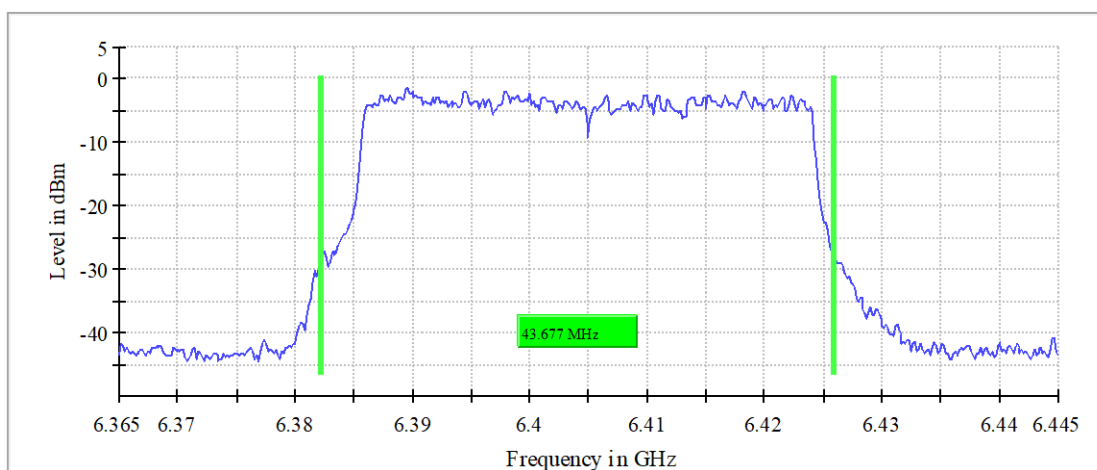
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6405.000000	43.677298	---	320.000000	6382.185741	---

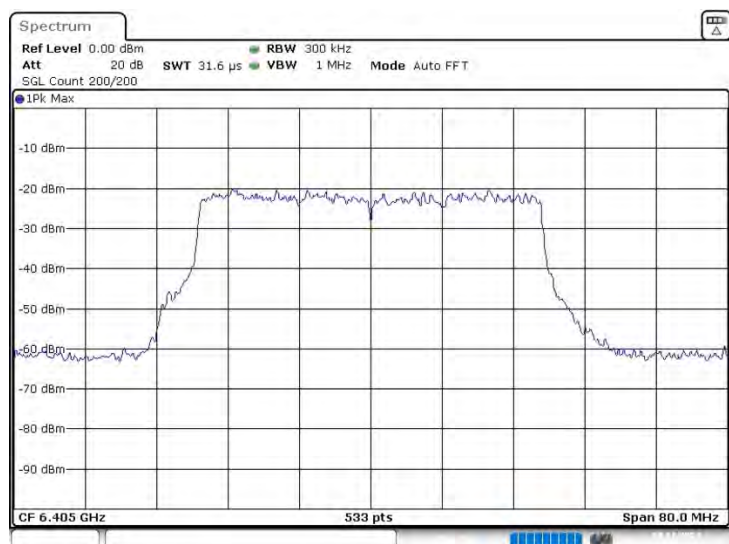
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
6405.000000	6425.863039	---	-1.5	PASS

26 dB Bandwidth



Bandwidth



Date: 18.NOV.2024 04:41:55

In-Band Emissions (6405 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

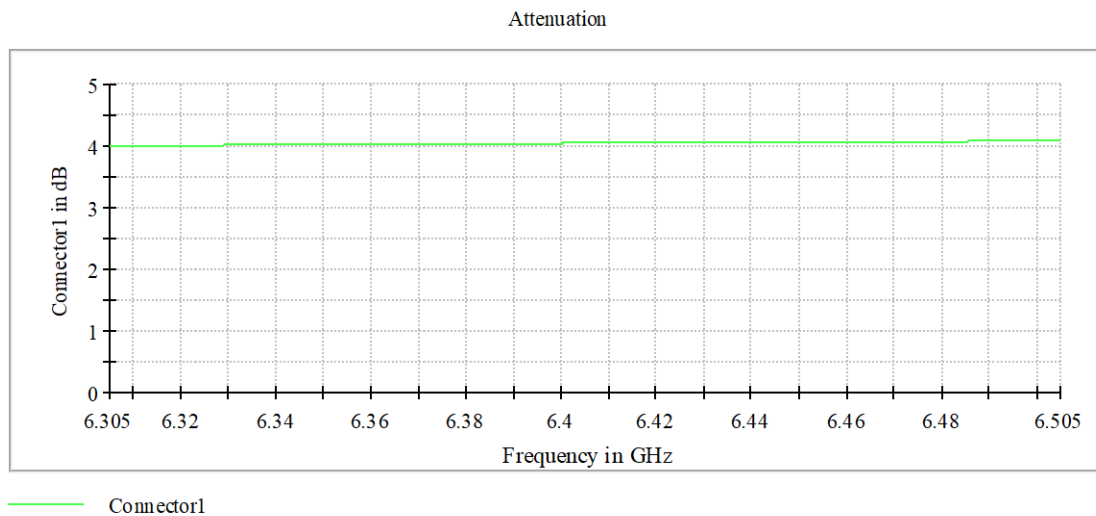
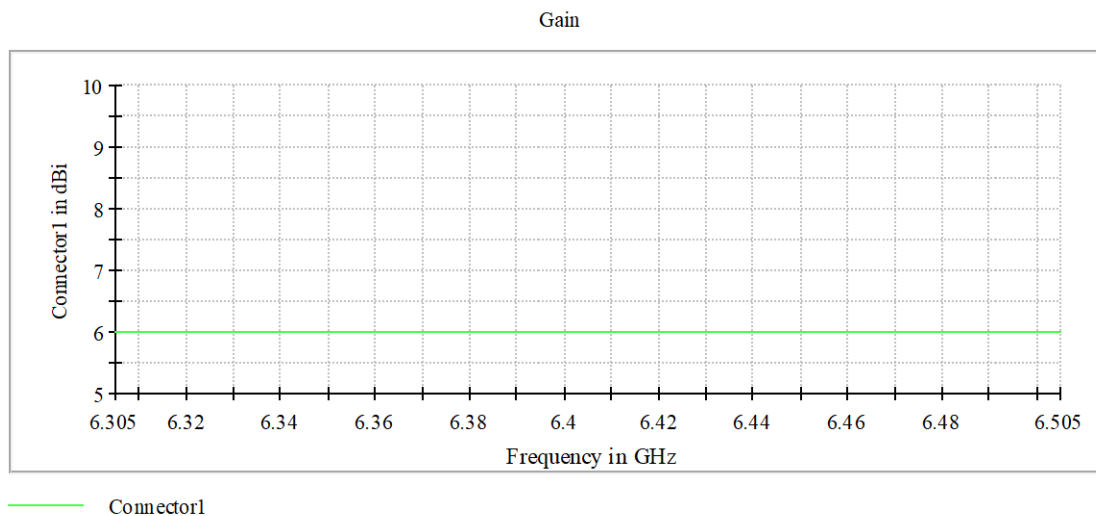
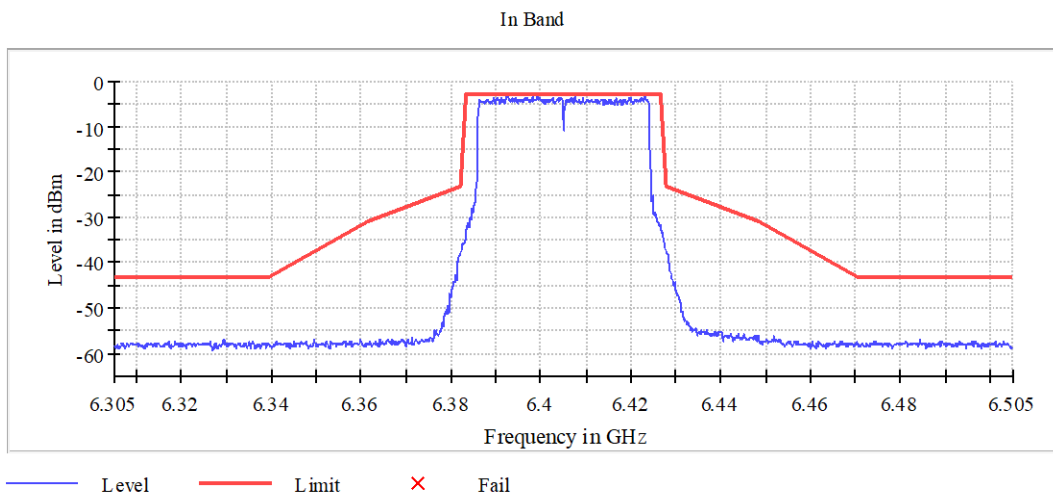
DUT Frequency (MHz)	Result
6405.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6423.154539	-3.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6392.546887	-3.2	0.2	-3.0	PASS
6398.098275	-3.3	0.3	-3.0	PASS
6392.246812	-3.3	0.3	-3.0	PASS
6407.700675	-3.3	0.3	-3.0	PASS
6399.298575	-3.4	0.4	-3.0	PASS
6399.148537	-3.4	0.4	-3.0	PASS
6389.546137	-3.5	0.5	-3.0	PASS
6422.554389	-3.5	0.5	-3.0	PASS
6422.404351	-3.6	0.6	-3.0	PASS
6423.004501	-3.6	0.6	-3.0	PASS
6396.897974	-3.6	0.6	-3.0	PASS
6392.396849	-3.7	0.6	-3.0	PASS
6399.898725	-3.7	0.6	-3.0	PASS
6391.196549	-3.7	0.7	-3.0	PASS
6403.799700	-3.7	0.7	-3.0	PASS



Occupied Channel Bandwidth 99% (6405 MHz; 24.000 dBm; 40 MHz)

Customized settings.

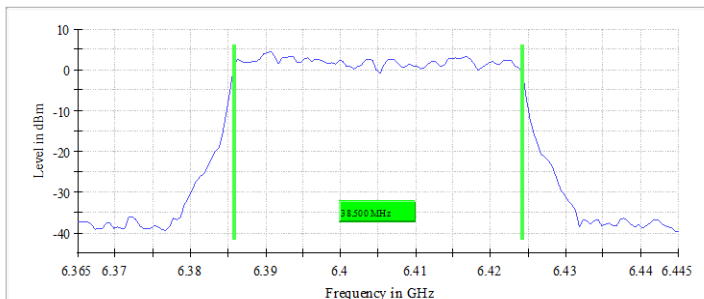
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6405.000000	38.500000	---	320.000000	6385.750000	5925.000000

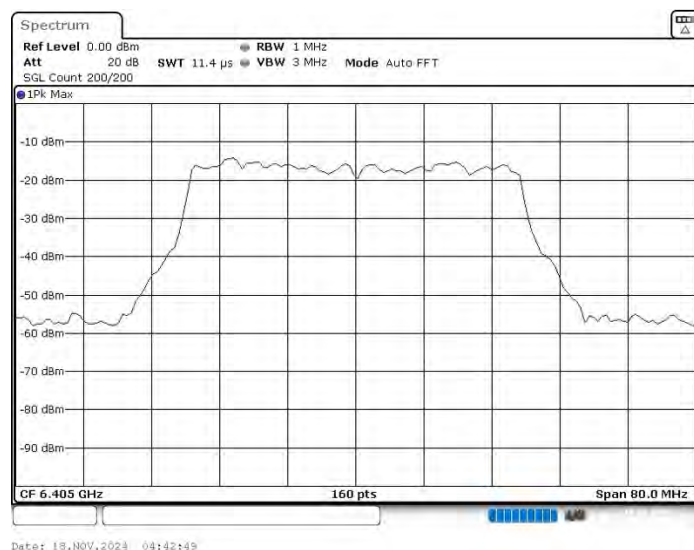
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6405.000000	6424.250000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Emission Bandwidth 26 dB (5985 MHz; 24.000 dBm; 80 MHz)

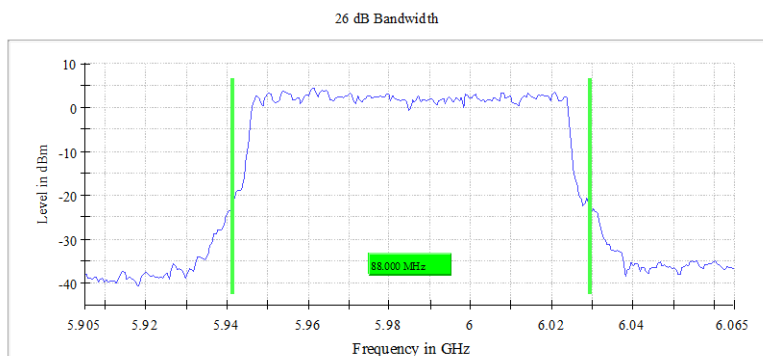
Customized settings.

26 dB Bandwidth

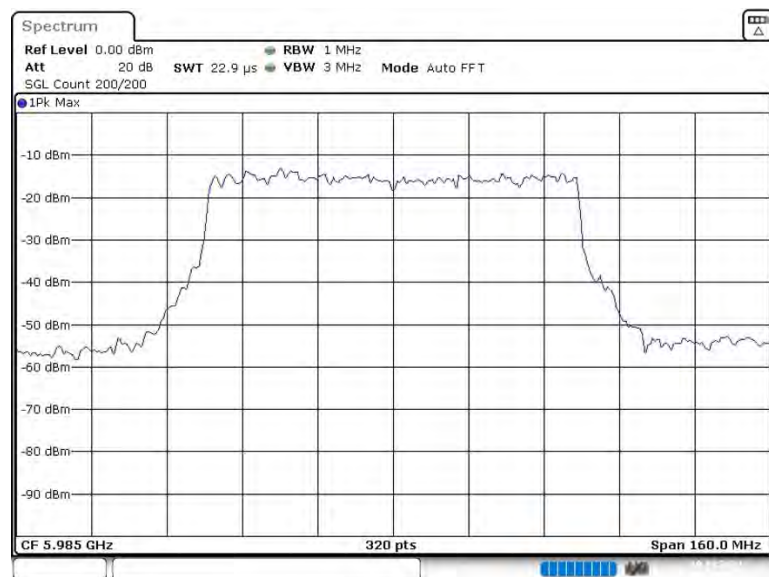
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5985.000000	88.000000	---	320.000000	5941.250000	---

(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
5985.000000	6029.250000	---	4.7	PASS



Bandwidth



Date: 18.NOV.2024 04:43:19

In-Band Emissions (5985 MHz; 24.000 dBm; 80 MHz)

Customized settings.

Result

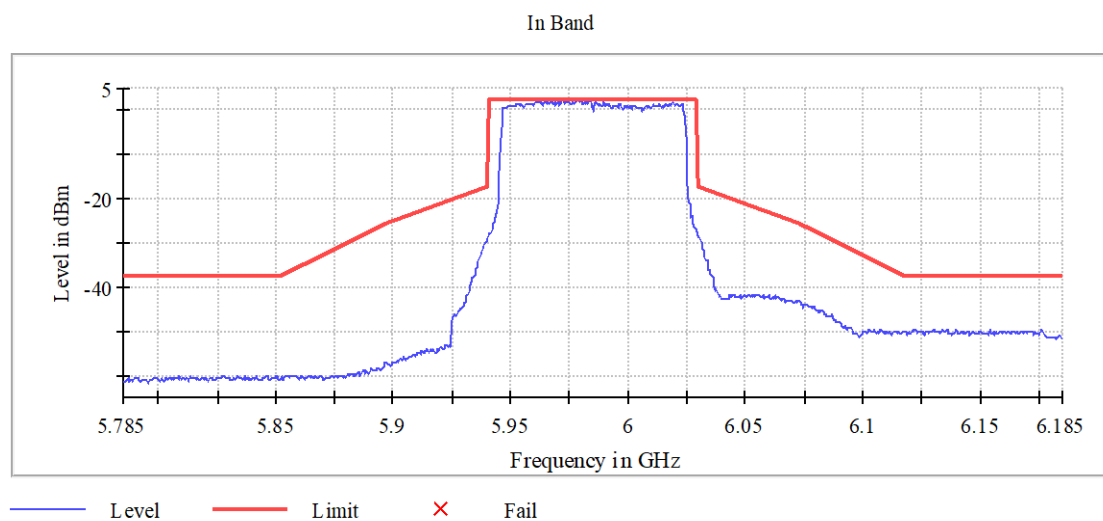
DUT Frequency (MHz)	Result
5985.000000	PASS

Inband Peak

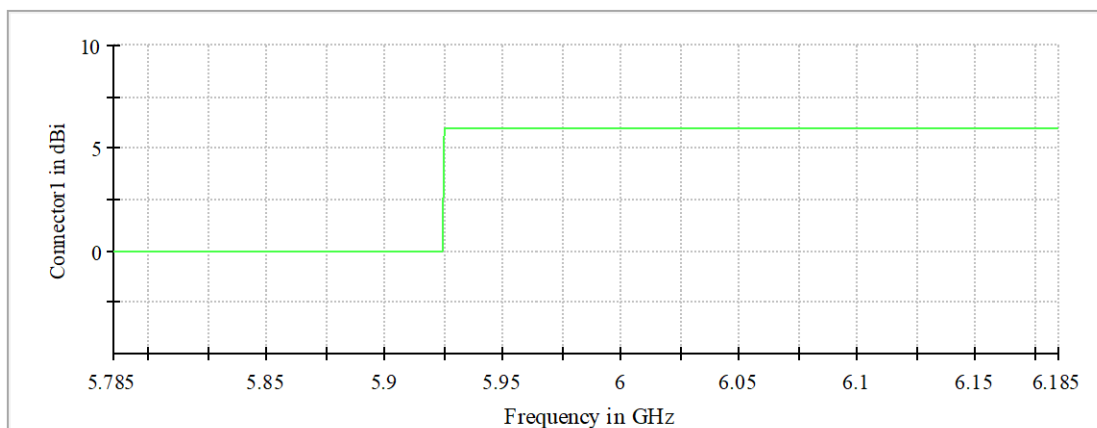
Frequency (MHz)	Level (dBm)
5973.250000	2.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5978.750000	2.3	0.2	2.5	PASS
5978.250000	2.2	0.2	2.5	PASS
5983.750000	2.2	0.3	2.5	PASS
5972.250000	2.2	0.3	2.5	PASS
5979.750000	2.2	0.3	2.5	PASS
5973.750000	2.1	0.3	2.5	PASS
5970.250000	2.1	0.4	2.5	PASS
5971.250000	2.0	0.5	2.5	PASS
5960.750000	2.0	0.5	2.5	PASS
5964.750000	2.0	0.5	2.5	PASS
5965.750000	2.0	0.5	2.5	PASS
5961.750000	2.0	0.5	2.5	PASS
5969.250000	1.9	0.5	2.5	PASS
5963.250000	1.9	0.6	2.5	PASS
5961.250000	1.9	0.6	2.5	PASS

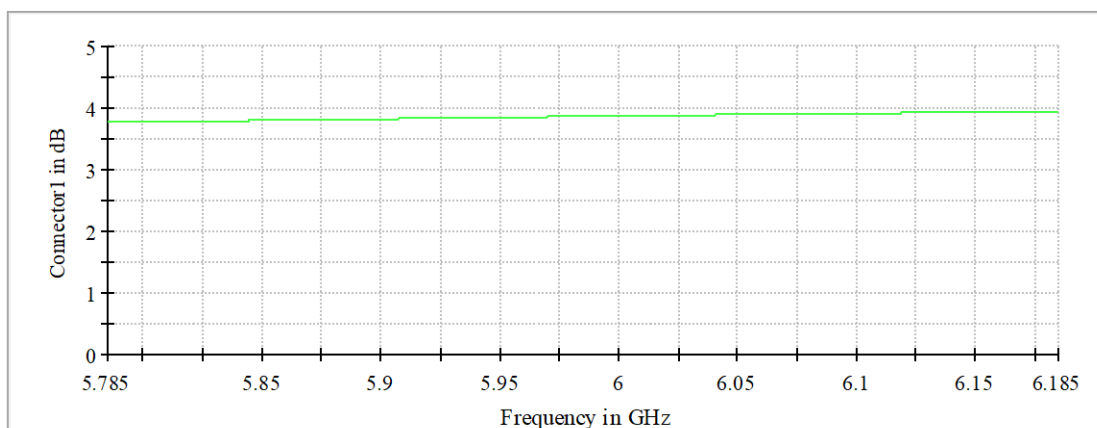


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (5985 MHz; 24.000 dBm; 80 MHz)

Customized settings.

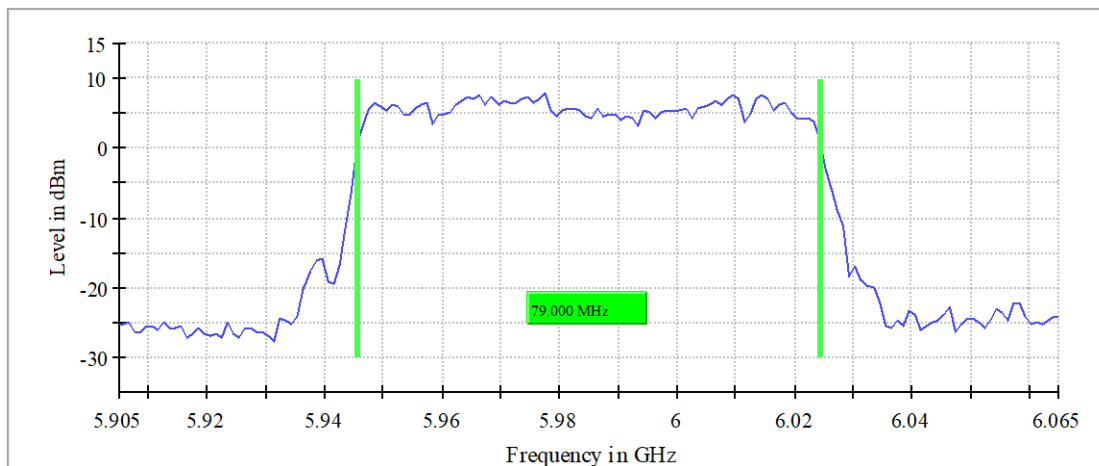
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5985.000000	79.000000	---	320.000000	5945.500000	5925.000000

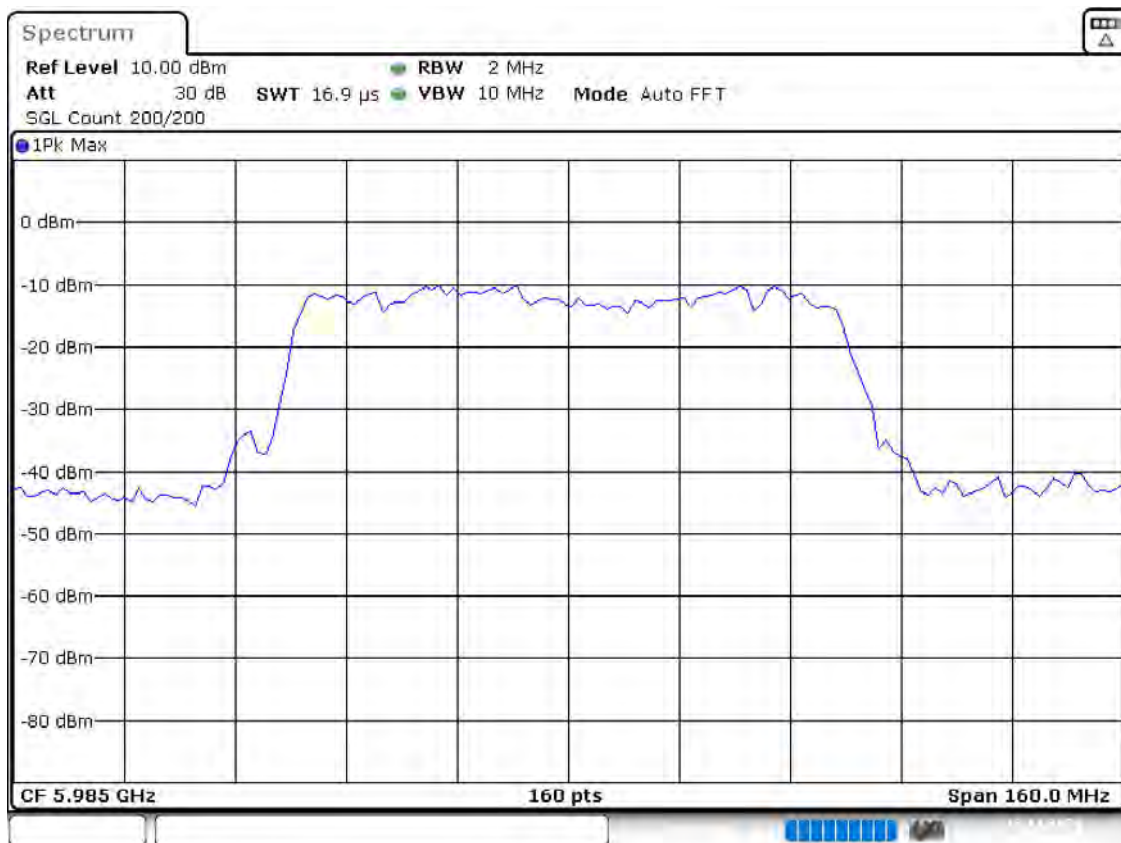
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5985.000000	6024.500000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18-NOV-2024 04:44:15

Emission Bandwidth 26 dB (6225 MHz; 24.000 dBm; 80 MHz)

Customized settings.

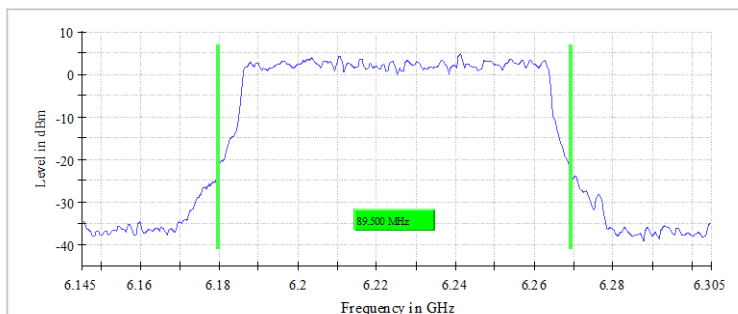
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6225.000000	89.500000	---	320.000000	6179.750000	---

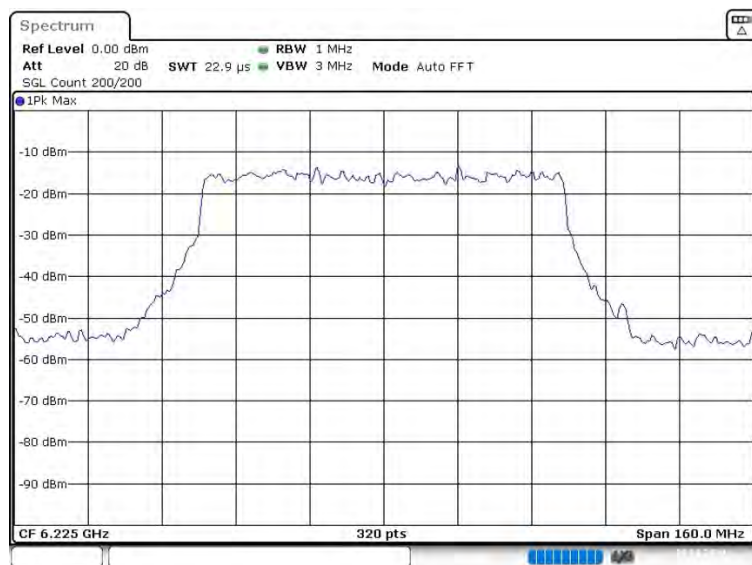
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6225.000000	6269.250000	---	4.9	PASS

26 dB Bandwidth



Bandwidth



Date: 18.NOV.2024 04:44:33

In-Band Emissions (6225 MHz; 24.000 dBm; 80 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6225.000000	PASS

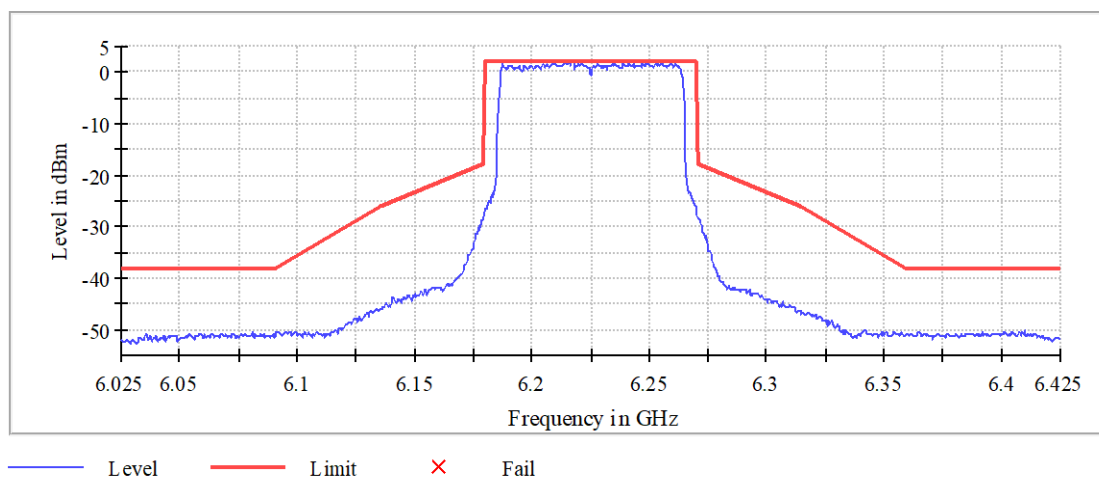
Inband Peak

Frequency (MHz)	Level (dBm)
6214.250000	2.0

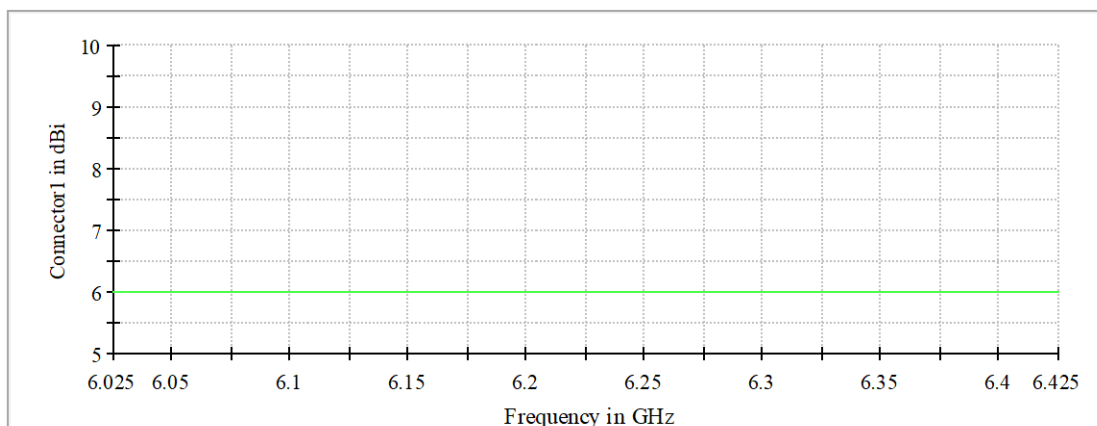
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6214.250000	2.0	0.0	2.0	PASS
6217.750000	1.9	0.0	2.0	PASS
6216.250000	1.8	0.1	2.0	PASS
6217.250000	1.8	0.1	2.0	PASS
6255.250000	1.8	0.2	2.0	PASS
6219.750000	1.8	0.2	2.0	PASS
6254.750000	1.7	0.2	2.0	PASS
6187.750000	1.6	0.3	2.0	PASS
6215.750000	1.6	0.3	2.0	PASS
6249.250000	1.6	0.4	2.0	PASS
6252.750000	1.6	0.4	2.0	PASS
6214.750000	1.6	0.4	2.0	PASS
6241.250000	1.6	0.4	2.0	PASS
6204.750000	1.6	0.4	2.0	PASS
6247.250000	1.6	0.4	2.0	PASS

In Band

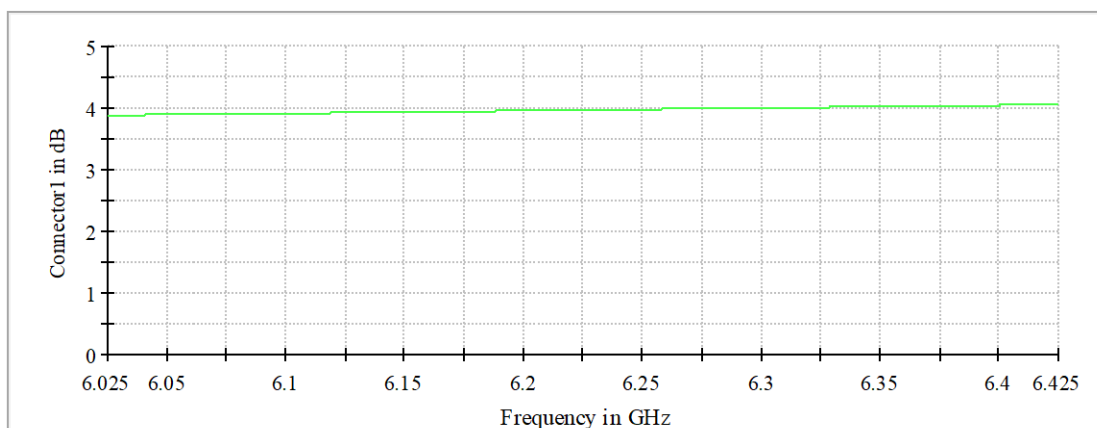


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6225 MHz; 24.000 dBm; 80 MHz)

Customized settings.

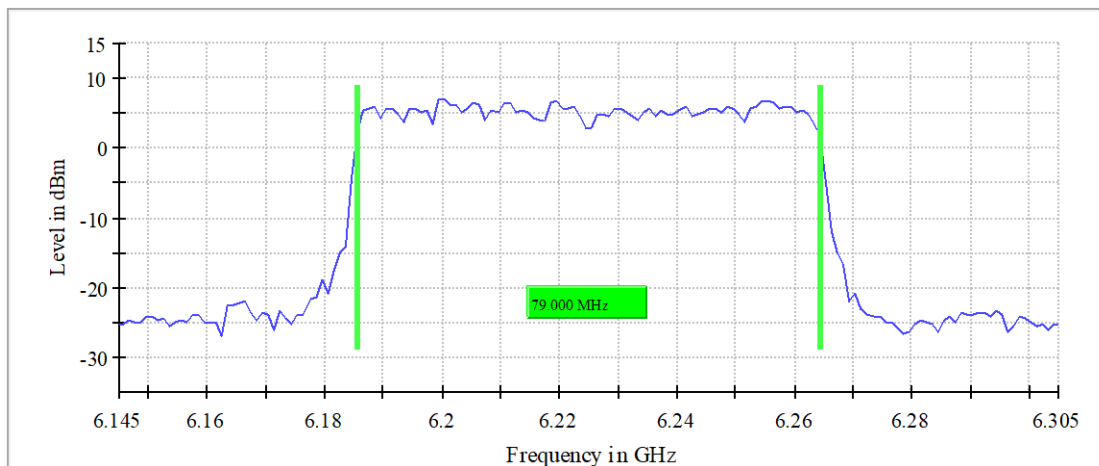
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6225.000000	79.000000	---	320.000000	6185.500000	5925.000000

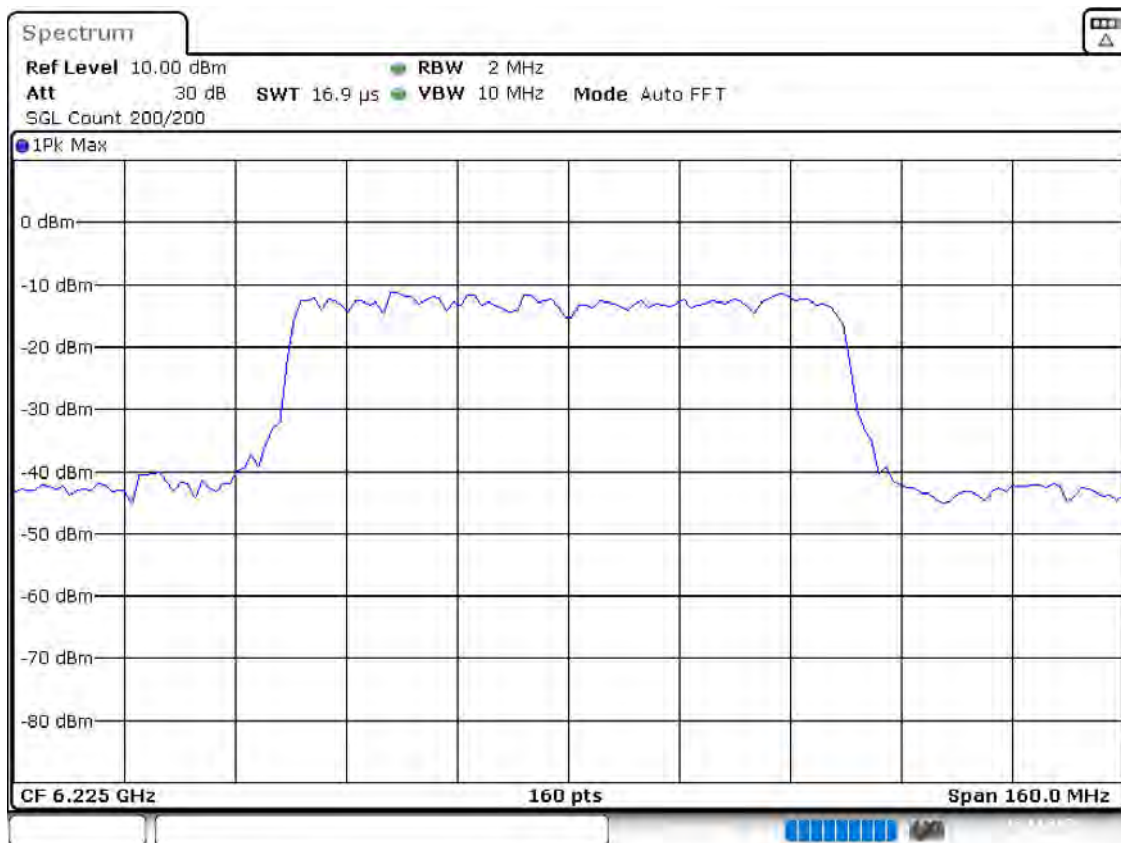
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6225.000000	6264.500000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18-NOV-2024 04:45:26

Emission Bandwidth 26 dB (6385 MHz; 24.000 dBm; 80 MHz)

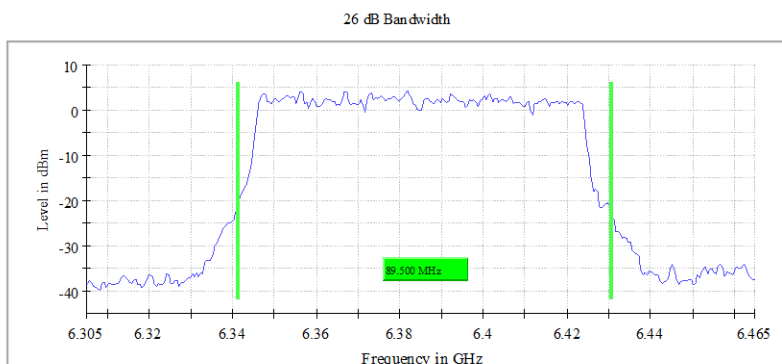
Customized settings.

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6385.000000	89.500000	---	320.000000	6341.250000	---

(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
6385.000000	6430.750000	---	4.4	PASS



Bandwidth



In-Band Emissions (6385 MHz; 24.000 dBm; 80 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6385.000000	PASS

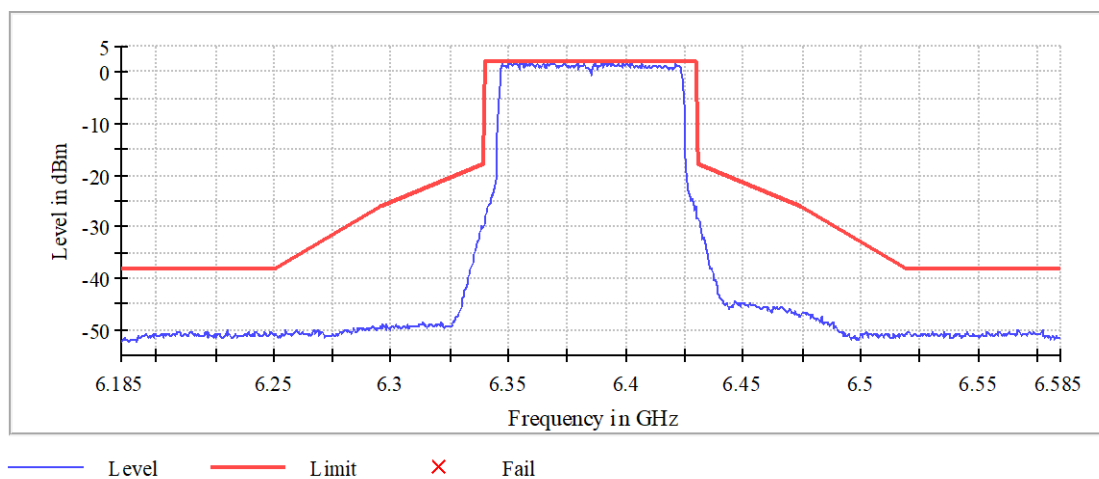
Inband Peak

Frequency (MHz)	Level (dBm)
6356.250000	1.9

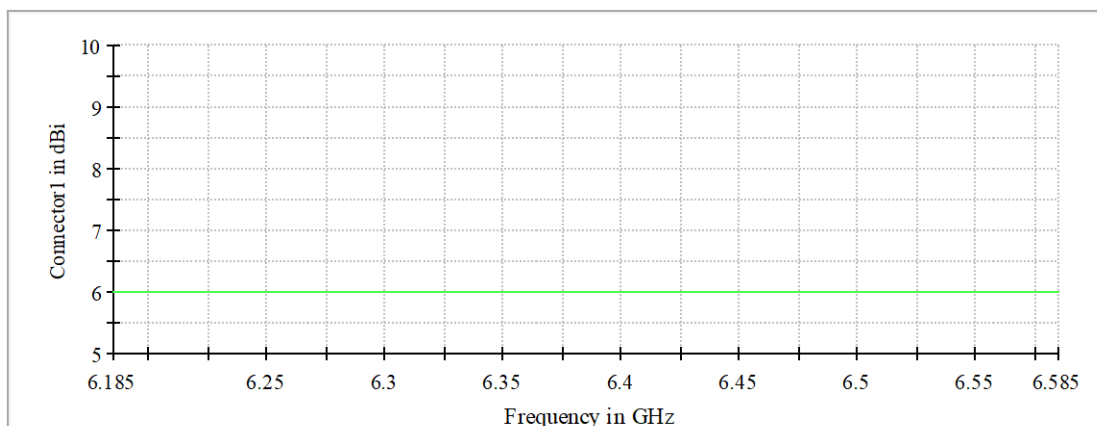
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6398.750000	1.9	0.1	1.9	PASS
6359.750000	1.8	0.2	1.9	PASS
6364.750000	1.8	0.2	1.9	PASS
6394.750000	1.8	0.2	1.9	PASS
6394.250000	1.8	0.2	1.9	PASS
6367.750000	1.8	0.2	1.9	PASS
6355.750000	1.8	0.2	1.9	PASS
6347.250000	1.7	0.2	1.9	PASS
6401.750000	1.7	0.2	1.9	PASS
6400.250000	1.7	0.3	1.9	PASS
6392.750000	1.7	0.3	1.9	PASS
6368.250000	1.7	0.3	1.9	PASS
6360.250000	1.7	0.3	1.9	PASS
6350.750000	1.7	0.3	1.9	PASS
6352.250000	1.6	0.3	1.9	PASS

In Band

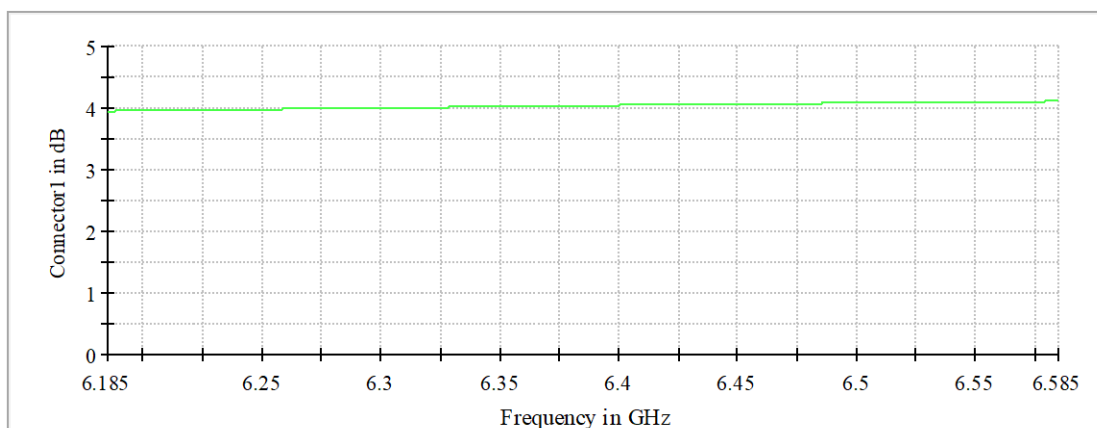


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6385 MHz; 24.000 dBm; 80 MHz)

Customized settings.

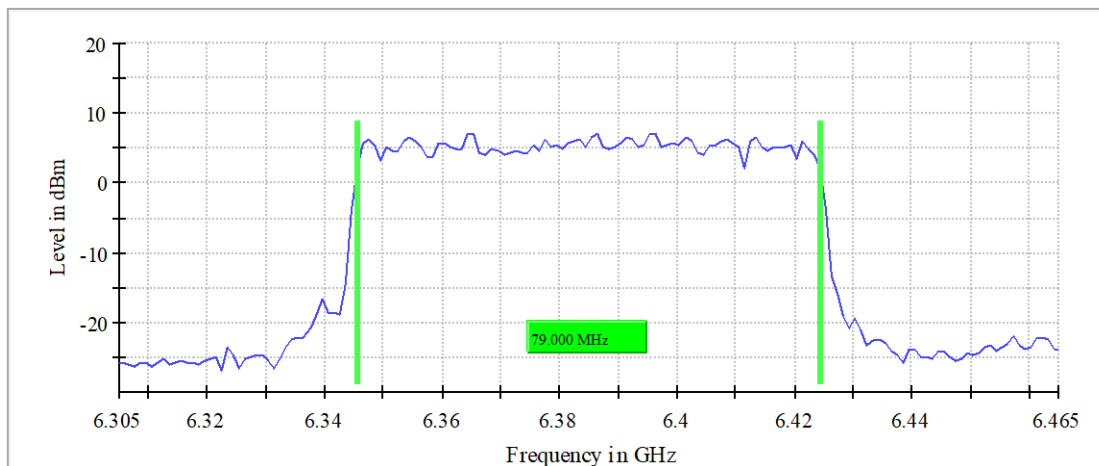
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6385.000000	79.000000	---	320.000000	6345.500000	5925.000000

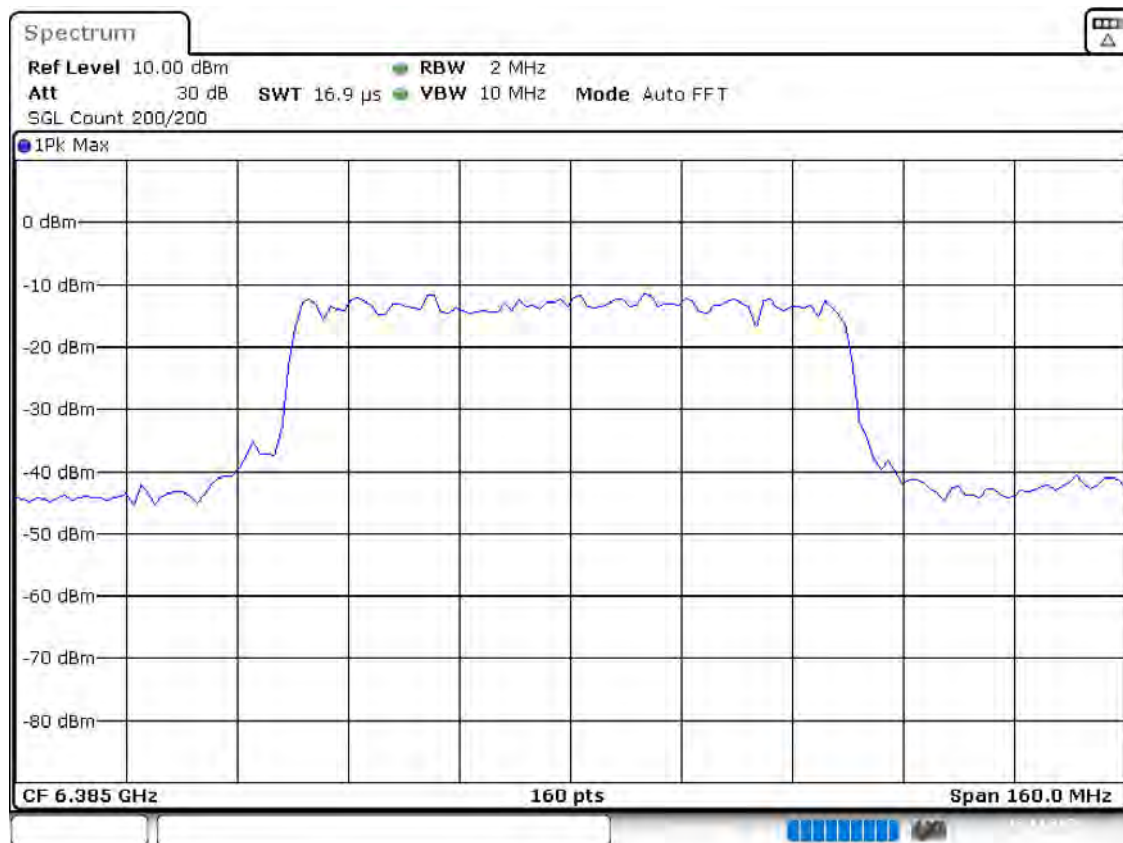
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6385.000000	6424.500000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18-NOV-2024 04:48:04

Emission Bandwidth 26 dB (6025 MHz; 24.000 dBm; 160 MHz)

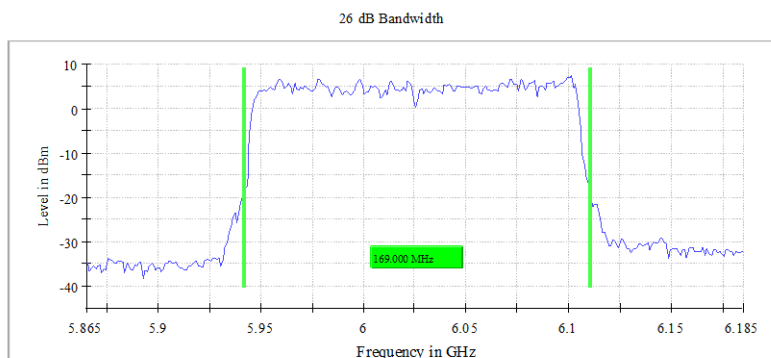
Customized settings.

26 dB Bandwidth

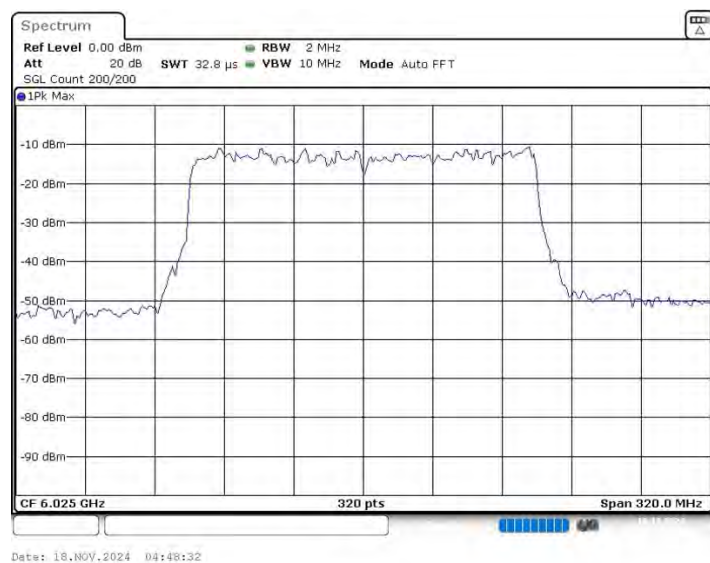
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6025.000000	169.000000	---	320.000000	5941.500000	---

(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
6025.000000	6110.500000	---	7.4	PASS



Bandwidth



In-Band Emissions (6025 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

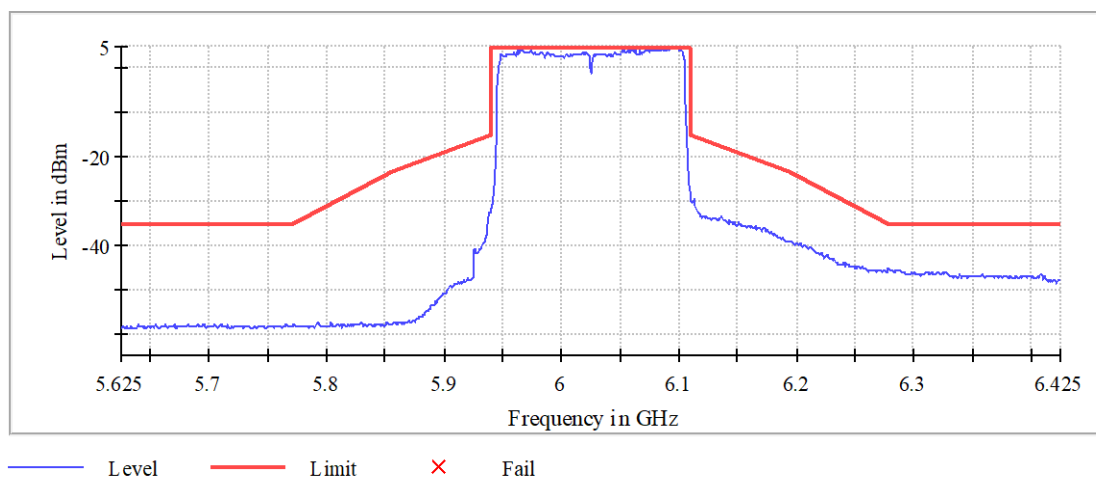
Inband Peak

Frequency (MHz)	Level (dBm)
6098.500000	4.7

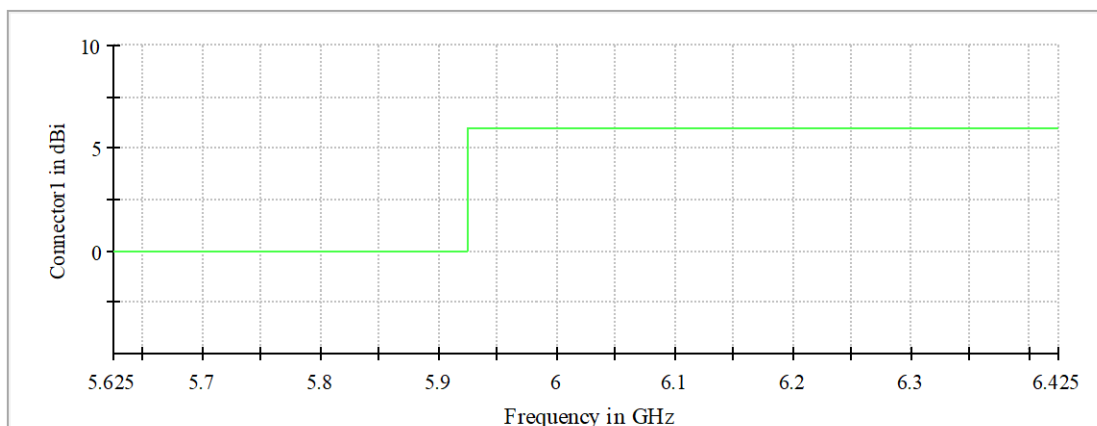
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6093.500000	4.7	0.0	4.7	PASS
6090.500000	4.6	0.1	4.7	PASS
6102.500000	4.6	0.1	4.7	PASS
6097.500000	4.5	0.2	4.7	PASS
6086.500000	4.5	0.2	4.7	PASS
6095.500000	4.5	0.2	4.7	PASS
6099.500000	4.5	0.2	4.7	PASS
6094.500000	4.5	0.2	4.7	PASS
6096.500000	4.5	0.2	4.7	PASS
6091.500000	4.5	0.2	4.7	PASS
6076.500000	4.4	0.3	4.7	PASS
6085.500000	4.3	0.4	4.7	PASS
6053.500000	4.3	0.4	4.7	PASS
6089.500000	4.3	0.4	4.7	PASS
6087.500000	4.3	0.4	4.7	PASS

In Band

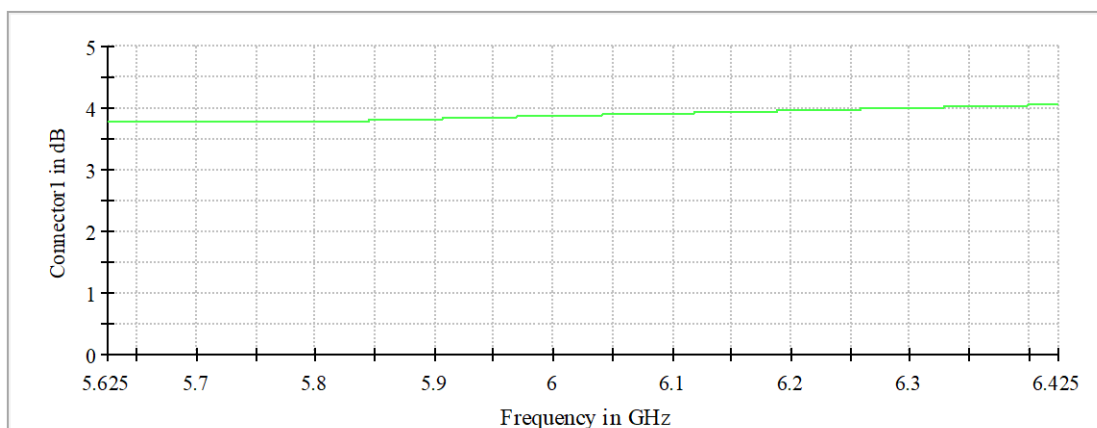


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6025 MHz; 24.000 dBm; 160 MHz)

Customized settings.

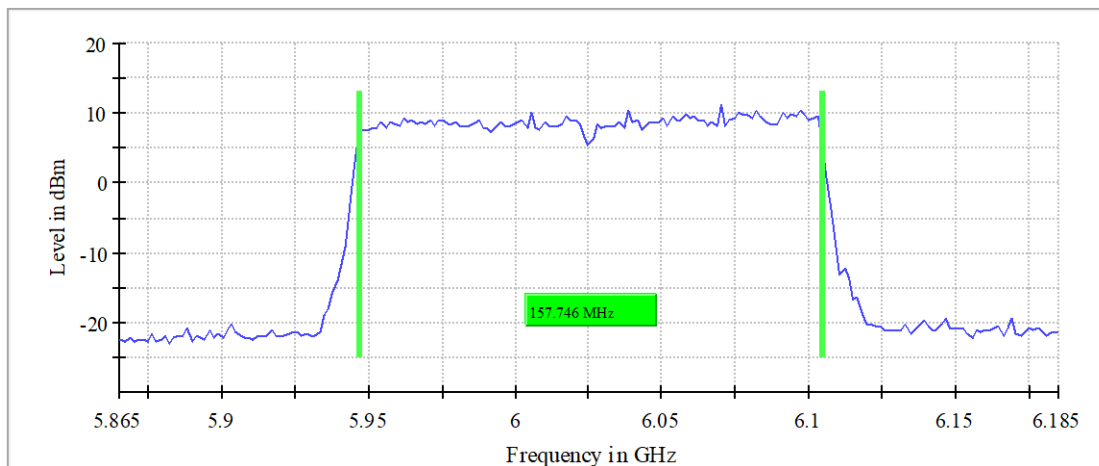
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6025.000000	157.746479	---	320.000000	5946.877934	5925.000000

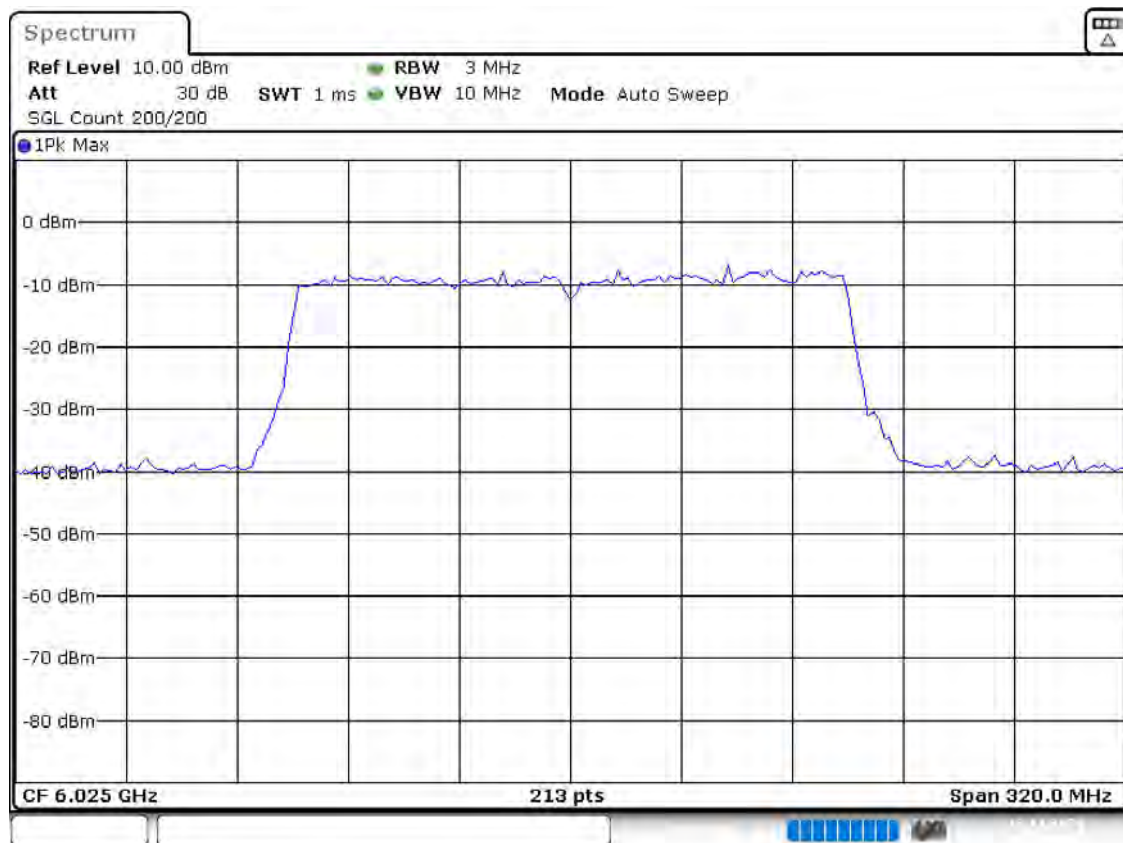
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6025.000000	6104.624413	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18.NOV.2024 04:56:03

Tx Spurious Emission (6025 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

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

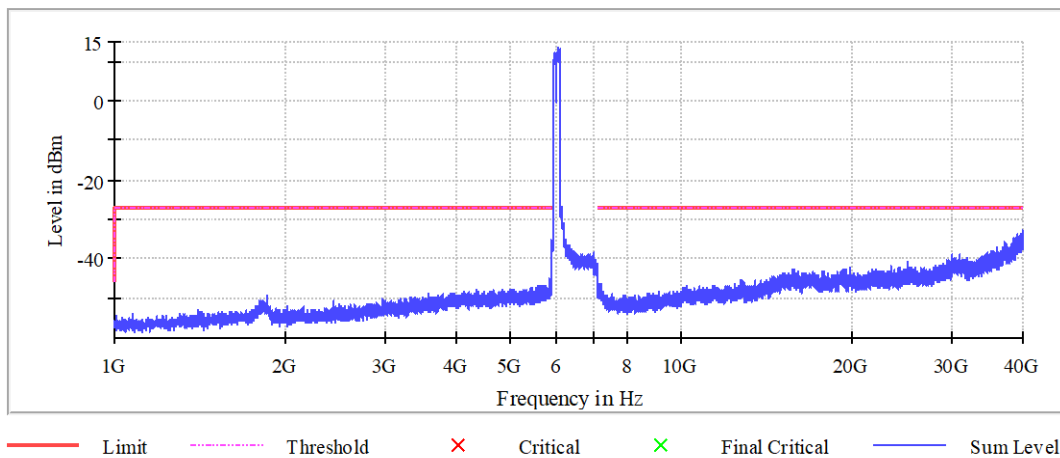
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39982.750000	-32.9	5.9	-27.0
39901.250000	-32.9	5.9	-27.0
39946.750000	-33.1	6.1	-27.0
39946.250000	-33.3	6.3	-27.0
39913.250000	-33.3	6.3	-27.0
39966.250000	-33.4	6.4	-27.0
39976.750000	-33.4	6.4	-27.0
39976.250000	-33.6	6.6	-27.0
39953.750000	-33.6	6.6	-27.0
39115.250000	-33.7	6.7	-27.0
39934.750000	-33.7	6.7	-27.0
39982.250000	-33.8	6.8	-27.0
39989.250000	-33.8	6.8	-27.0
39954.750000	-33.8	6.8	-27.0
39949.250000	-33.9	6.9	-27.0

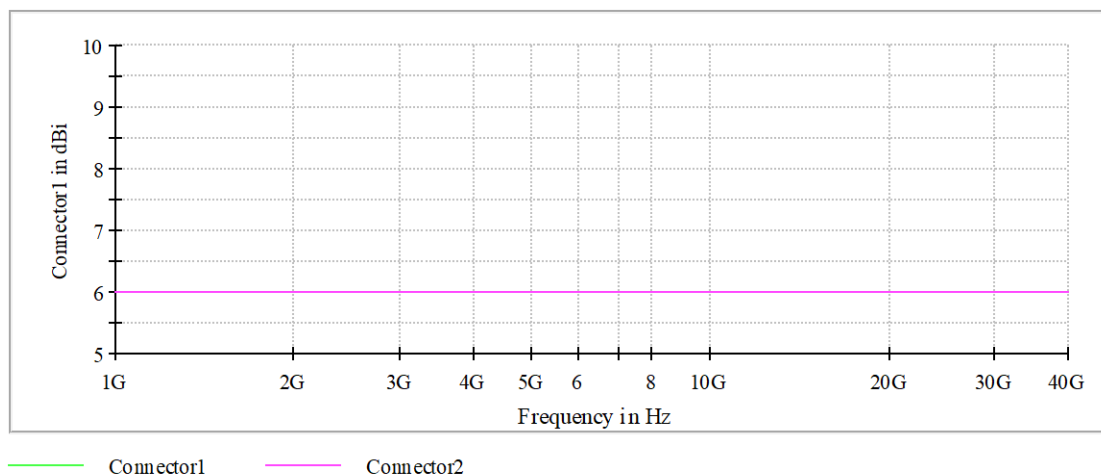
Measurement Settings

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

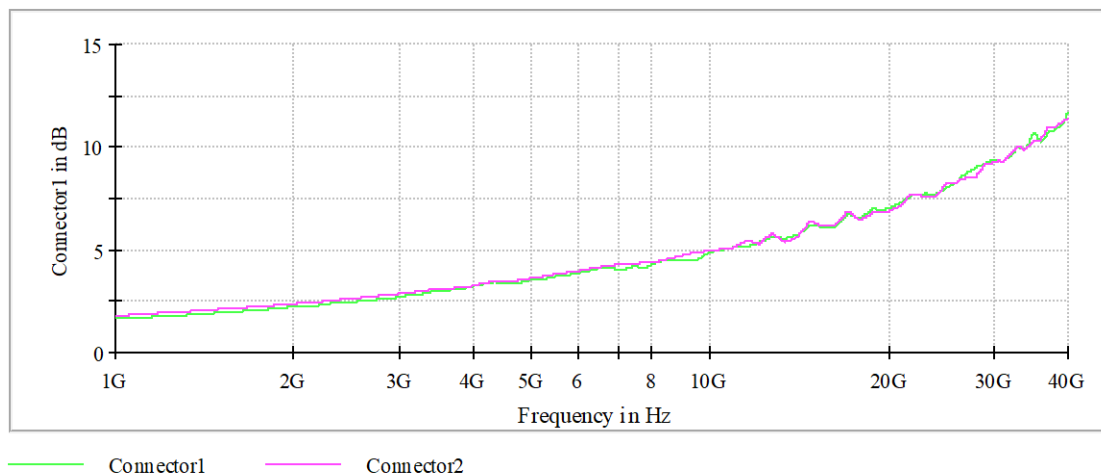
Spurious



Gain



Attenuation



Emissions in restricted frequency bands (Average) (6025 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

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

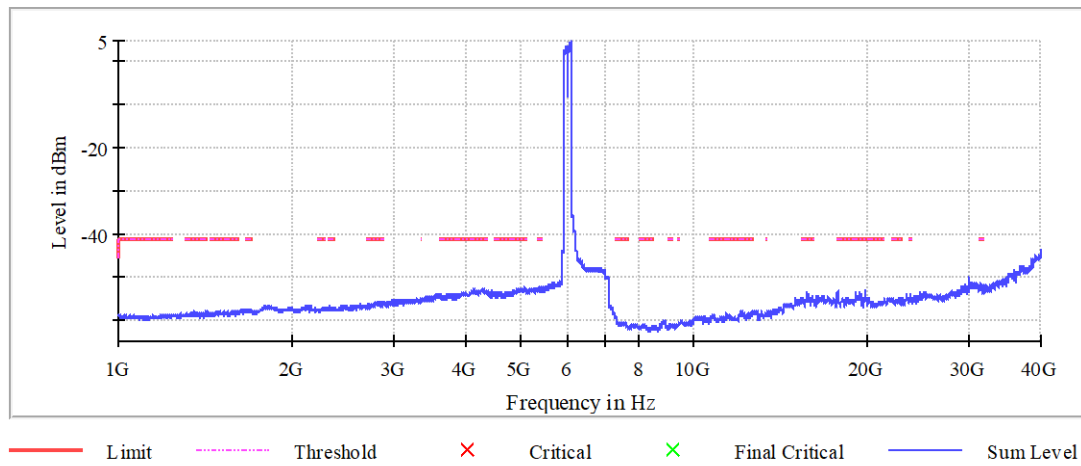
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36483.203650	-48.9	7.7	-41.2
36477.016343	-49.1	7.9	-41.2
36494.890785	-49.1	7.9	-41.2
36441.267460	-49.2	8.0	-41.2
36489.390957	-49.2	8.0	-41.2
36490.078435	-49.2	8.0	-41.2
36499.015656	-49.2	8.0	-41.2
36471.516515	-49.2	8.0	-41.2
36455.704509	-49.2	8.0	-41.2
36492.140871	-49.2	8.0	-41.2
36496.265742	-49.2	8.0	-41.2
36486.641042	-49.2	8.0	-41.2
36463.954251	-49.2	8.0	-41.2
36456.391988	-49.3	8.1	-41.2
36477.703822	-49.3	8.1	-41.2

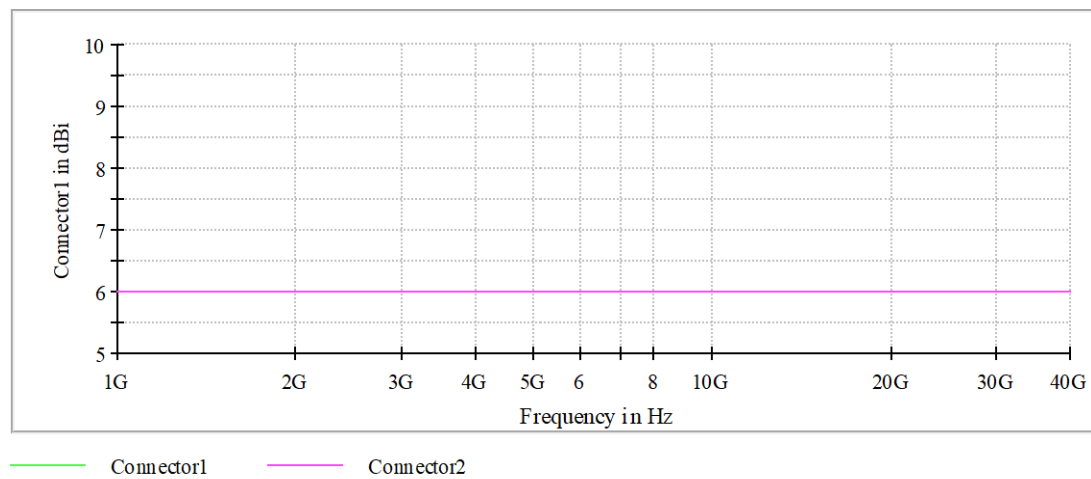
Measurement Settings

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

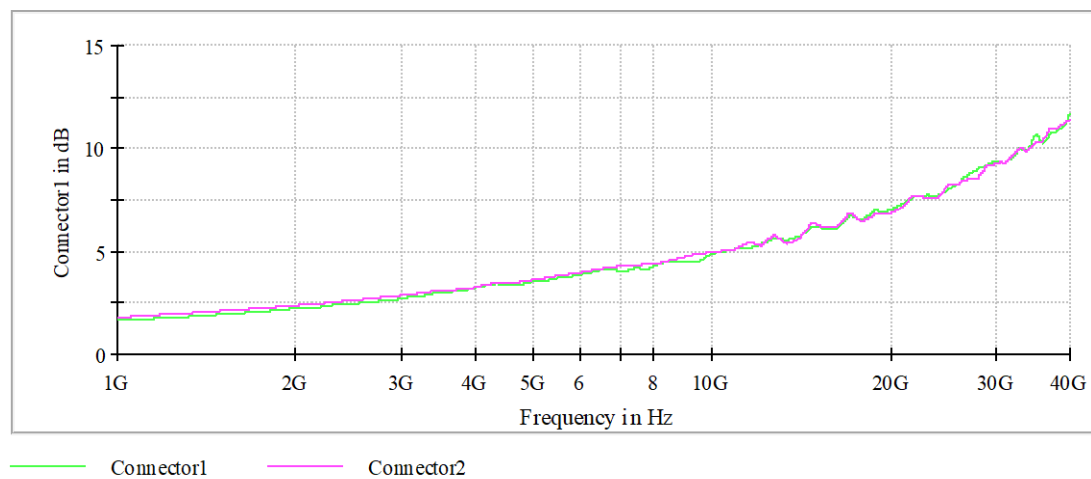
Restricted Band



Gain



Attenuation



Emissions in restricted frequency bands (Peak) (6025 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

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

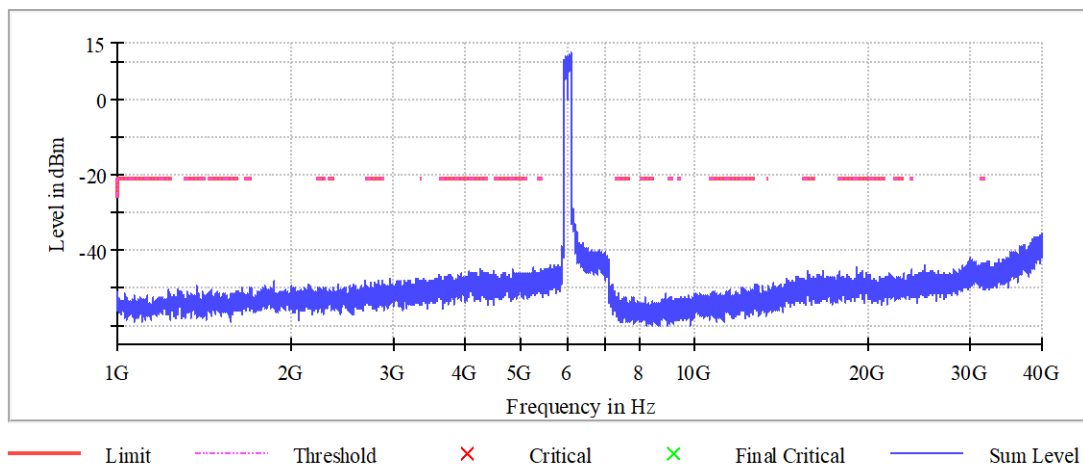
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36465.329208	-40.7	19.5	-21.2
36470.829037	-40.7	19.5	-21.2
36483.203650	-40.9	19.7	-21.2
36476.328865	-41.6	20.4	-21.2
36466.016687	-41.7	20.5	-21.2
36499.703134	-41.7	20.5	-21.2
36462.579294	-42.0	20.8	-21.2
36446.767289	-42.1	20.9	-21.2
36455.017031	-42.2	21.0	-21.2
36468.079123	-42.2	21.0	-21.2
36488.703478	-42.3	21.1	-21.2
36463.954251	-42.3	21.1	-21.2
36463.266773	-42.3	21.1	-21.2
36486.641042	-42.4	21.2	-21.2
36496.953220	-42.4	21.2	-21.2

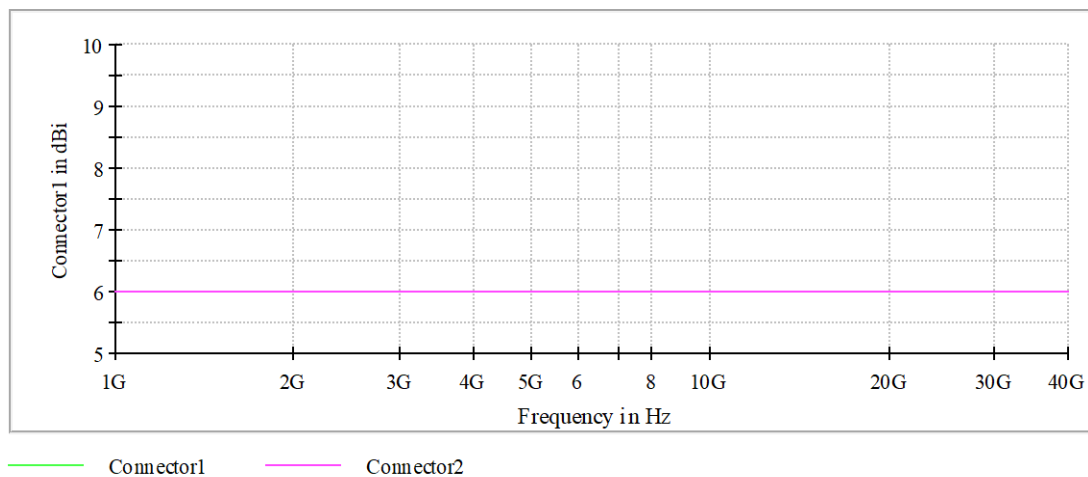
Measurement Settings

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

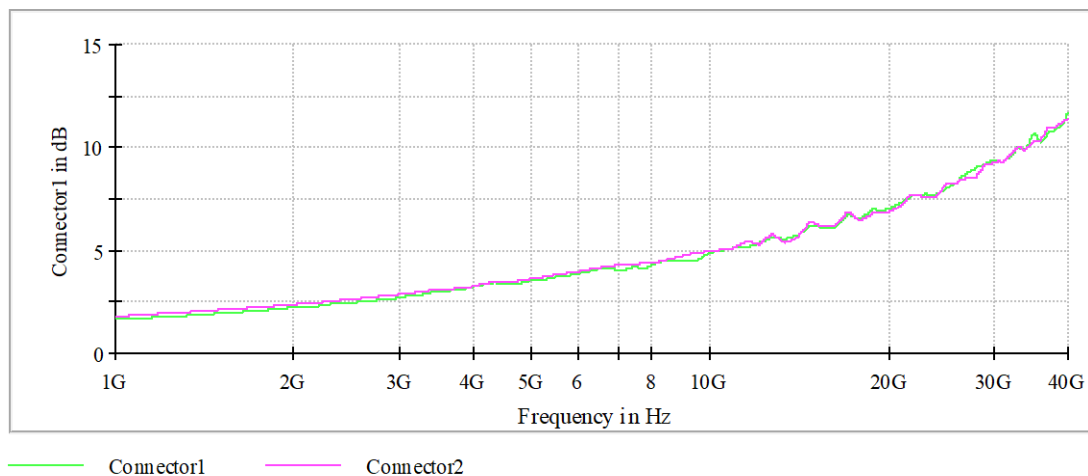
Restricted Band



Gain



Attenuation



Emission Bandwidth 26 dB (6185 MHz; 24.000 dBm; 160 MHz)

Customized settings.

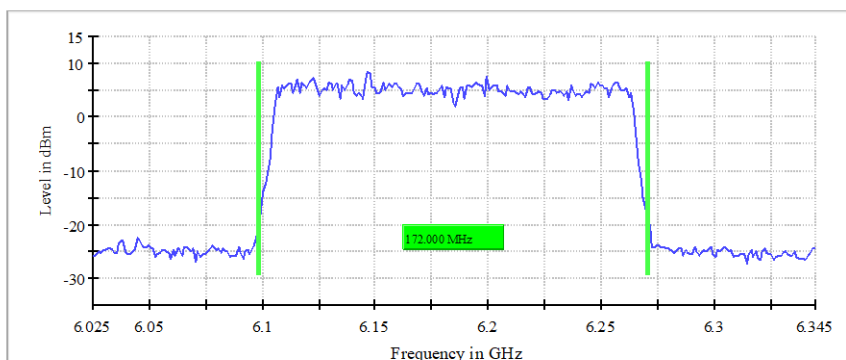
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6185.000000	172.000000	---	320.000000	6098.500000	---

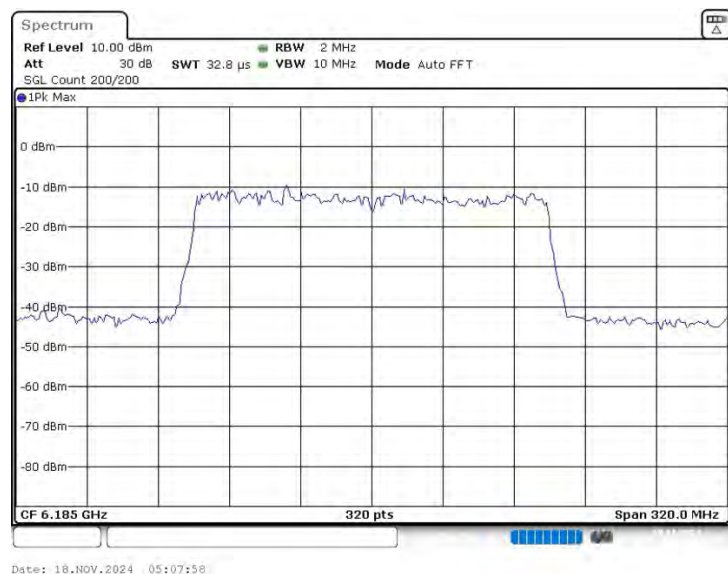
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
6185.000000	6270.500000	---	8.4	PASS

26 dB Bandwidth



Bandwidth



Date: 18.NOV.2024 05:07:58

In-Band Emissions (6185 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

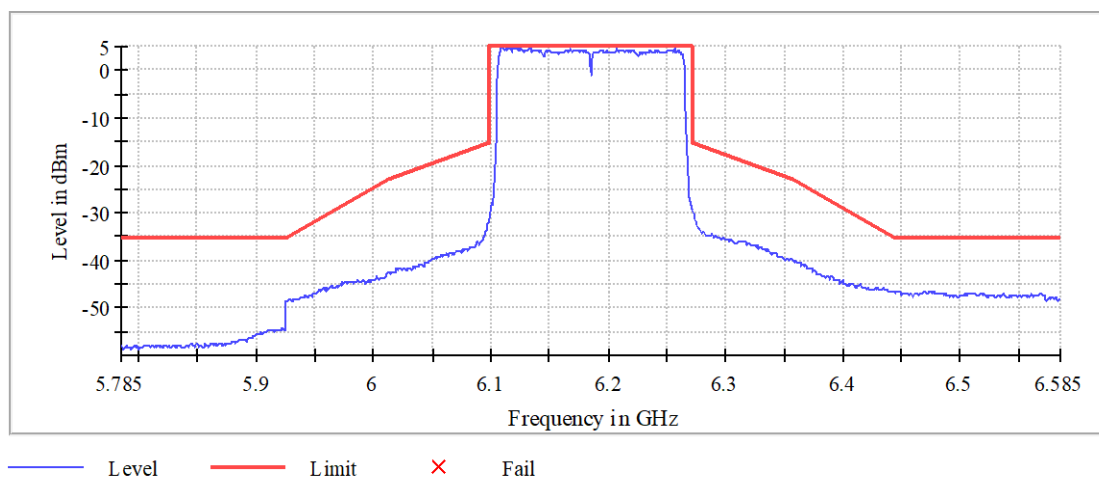
Inband Peak

Frequency (MHz)	Level (dBm)
6108.500000	4.8

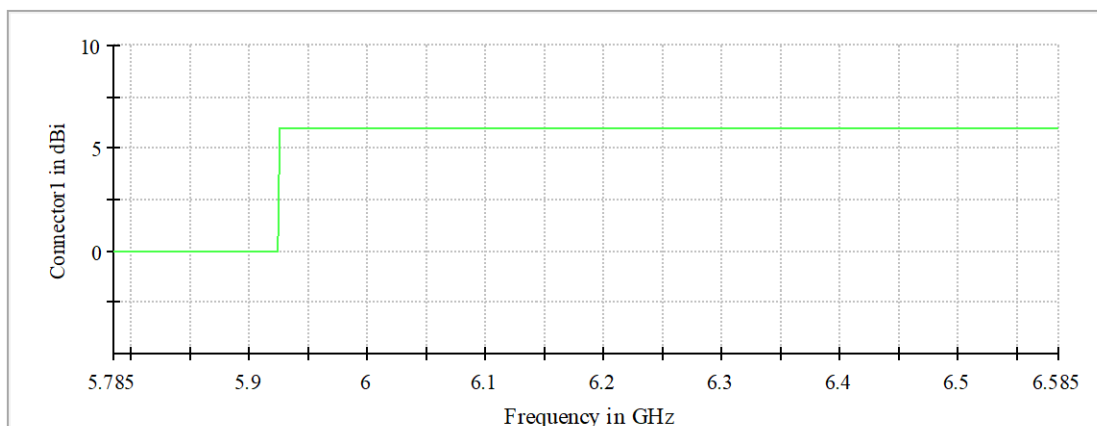
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6116.500000	4.7	0.1	4.8	PASS
6115.500000	4.7	0.1	4.8	PASS
6121.500000	4.7	0.2	4.8	PASS
6112.500000	4.6	0.2	4.8	PASS
6132.500000	4.6	0.2	4.8	PASS
6114.500000	4.6	0.2	4.8	PASS
6110.500000	4.6	0.2	4.8	PASS
6134.500000	4.6	0.2	4.8	PASS
6133.500000	4.6	0.2	4.8	PASS
6207.500000	4.5	0.3	4.8	PASS
6125.500000	4.5	0.3	4.8	PASS
6168.500000	4.5	0.4	4.8	PASS
6119.500000	4.4	0.4	4.8	PASS
6122.500000	4.4	0.4	4.8	PASS
6118.500000	4.4	0.4	4.8	PASS

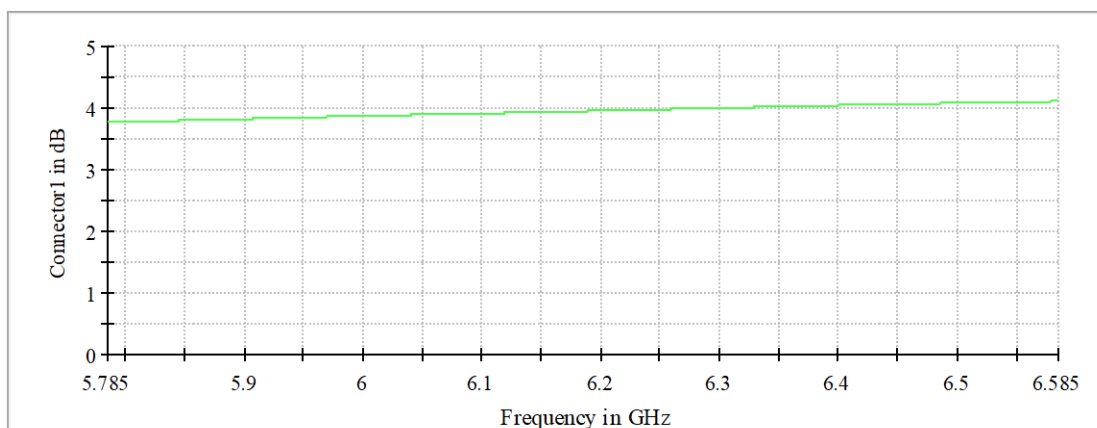
In Band



Gain



Attenuation



Occupied Channel Bandwidth 99% (6185 MHz; 24.000 dBm; 160 MHz)

Customized settings.

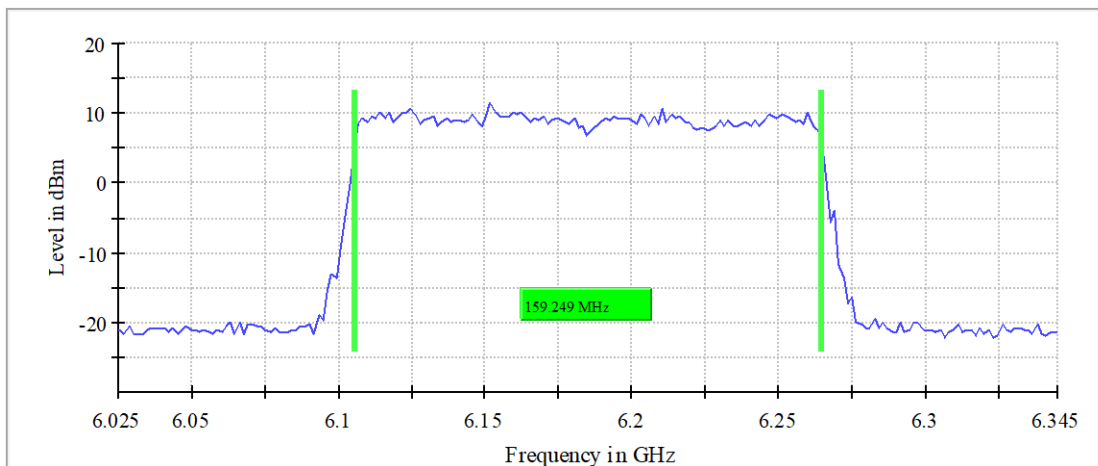
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6185.000000	159.248826	---	320.000000	6105.375587	5925.000000

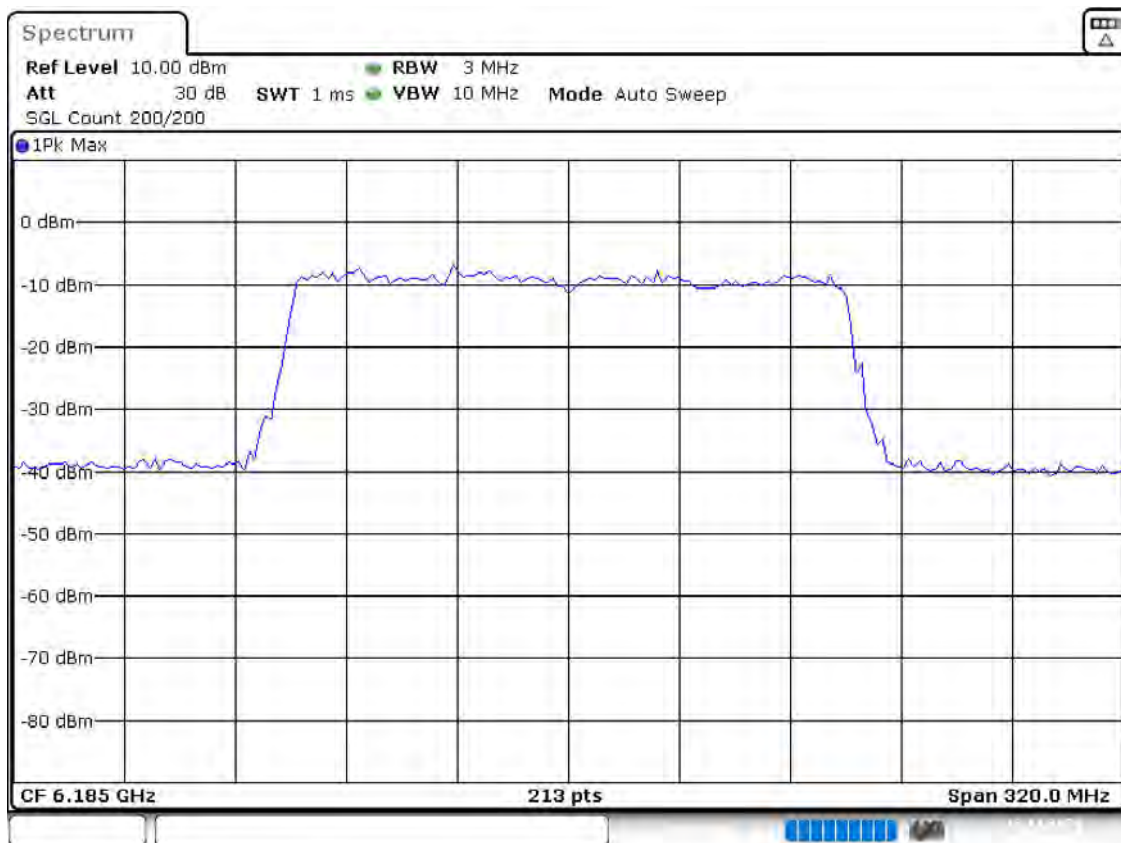
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6185.000000	6264.624413	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18-NOV-2024 05:08:48

Tx Spurious Emission (6185 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

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

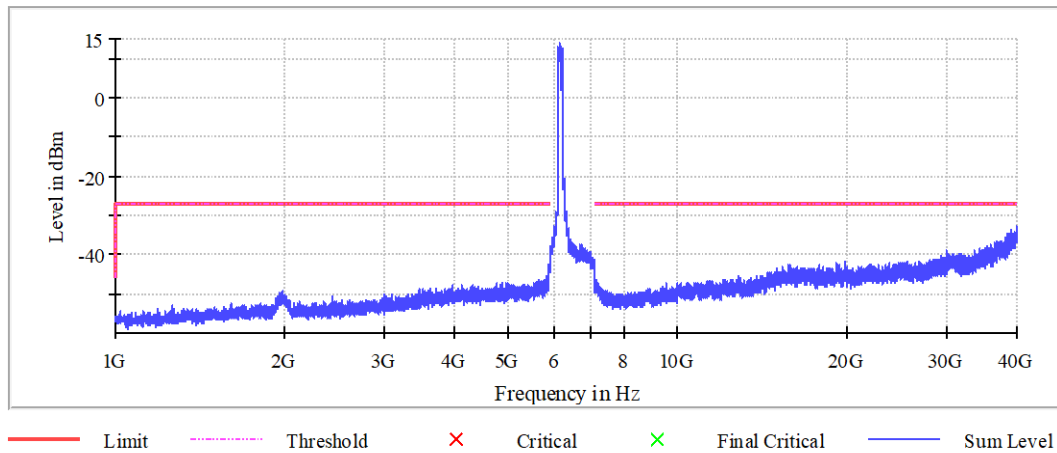
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39899.250000	-33.0	6.0	-27.0
39949.250000	-33.3	6.3	-27.0
39999.250000	-33.3	6.3	-27.0
39996.250000	-33.4	6.4	-27.0
39946.750000	-33.5	6.5	-27.0
39977.750000	-33.6	6.6	-27.0
39952.750000	-33.7	6.7	-27.0
39952.250000	-33.8	6.8	-27.0
39997.250000	-33.8	6.8	-27.0
39186.250000	-33.8	6.8	-27.0
39172.750000	-33.8	6.8	-27.0
39941.250000	-33.9	6.9	-27.0
39996.750000	-33.9	6.9	-27.0
39986.750000	-33.9	6.9	-27.0
39955.250000	-33.9	6.9	-27.0

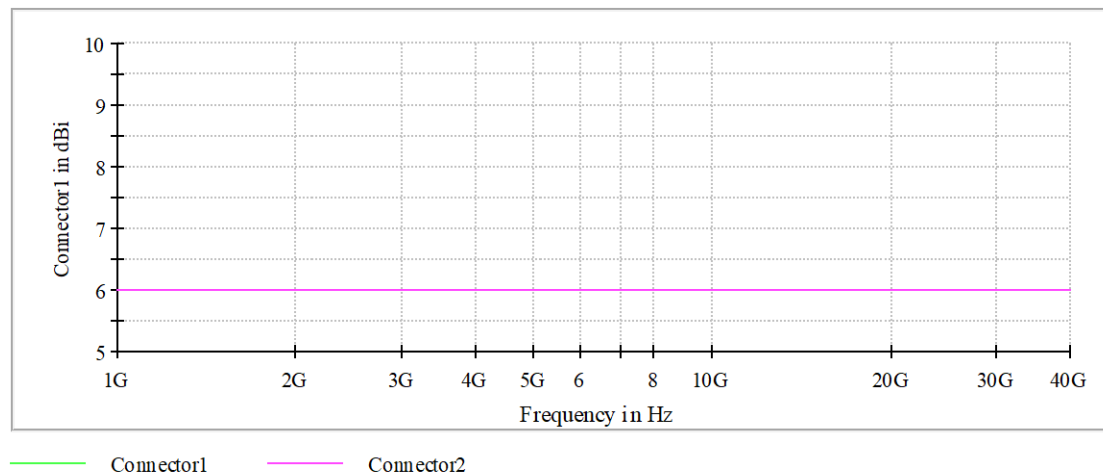
Measurement Settings

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

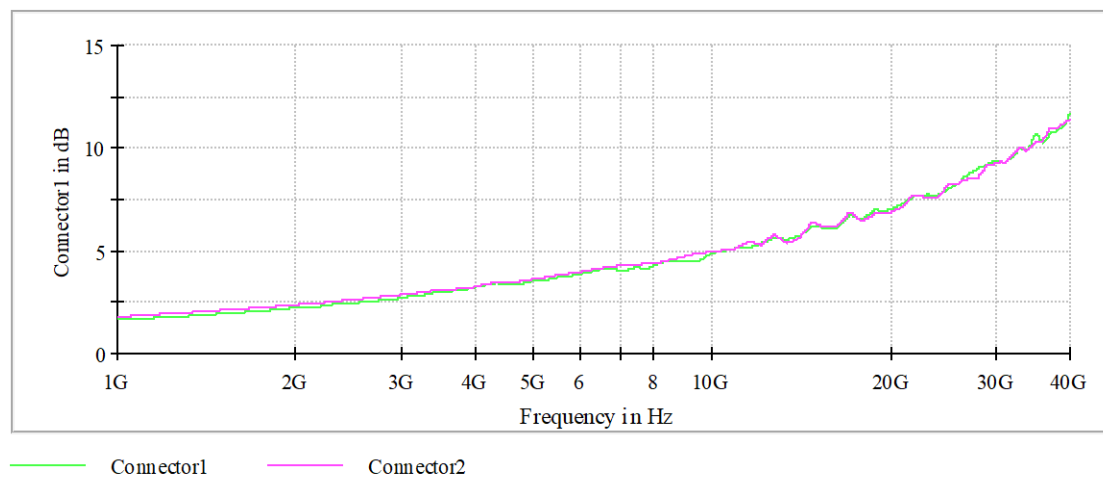
Spurious



Gain



Attenuation



Emissions in restricted frequency bands (Average) (6185 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

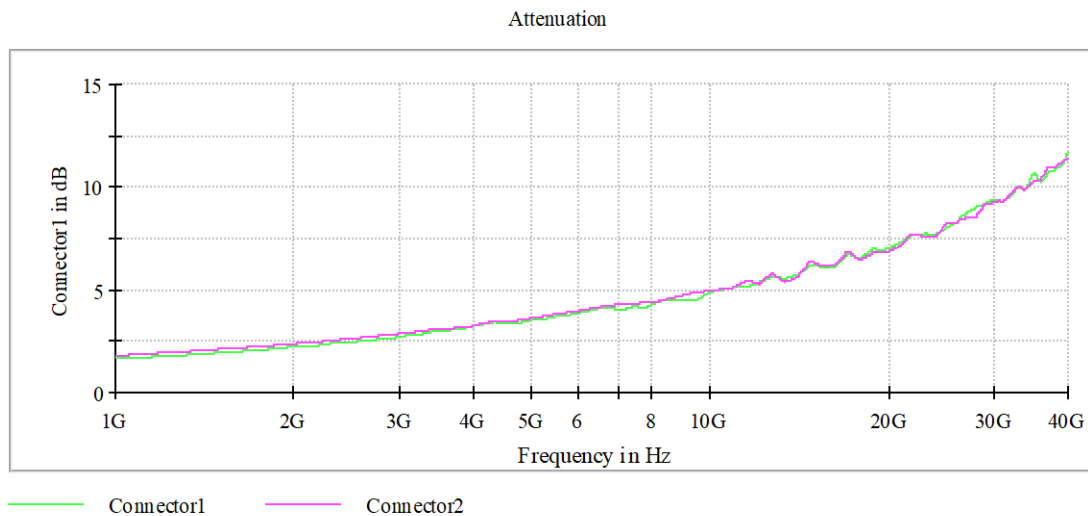
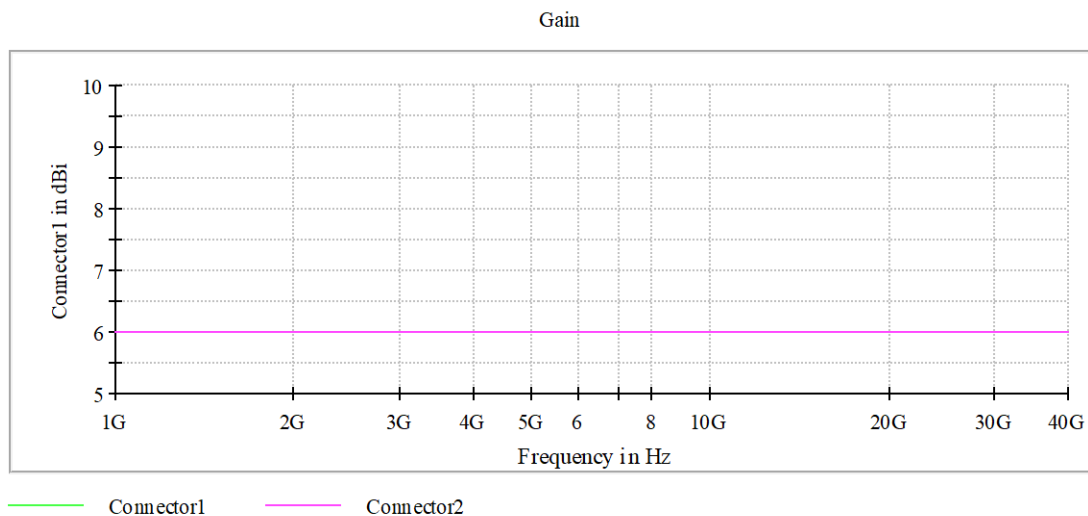
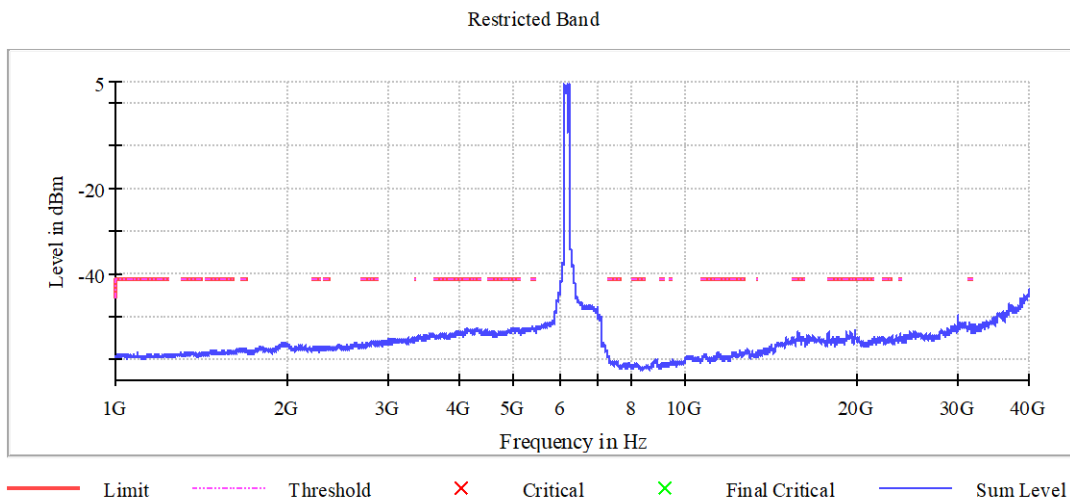
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36474.953908	-49.1	7.9	-41.2
36464.641730	-49.2	8.0	-41.2
36477.016343	-49.2	8.0	-41.2
36436.455111	-49.2	8.0	-41.2
36497.640699	-49.2	8.0	-41.2
36484.578607	-49.2	8.0	-41.2
36492.828349	-49.3	8.1	-41.2
36461.891816	-49.3	8.1	-41.2
36488.703478	-49.3	8.1	-41.2
36480.453736	-49.3	8.1	-41.2
36496.265742	-49.3	8.1	-41.2
36477.703822	-49.3	8.1	-41.2
36439.205025	-49.3	8.1	-41.2
36476.328865	-49.3	8.1	-41.2
36452.954595	-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) (6185 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

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

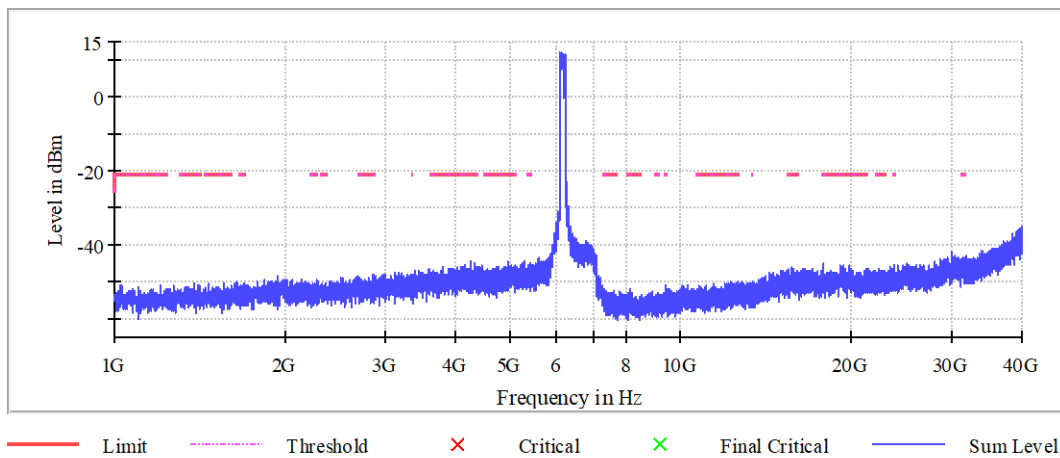
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36457.079466	-42.0	20.8	-21.2
36445.392331	-42.0	20.8	-21.2
36444.017374	-42.2	21.0	-21.2
36460.516859	-42.2	21.0	-21.2
36440.579982	-42.3	21.1	-21.2
36477.703822	-42.3	21.1	-21.2
36477.016343	-42.3	21.1	-21.2
36483.203650	-42.4	21.2	-21.2
36456.391988	-42.4	21.2	-21.2
36450.204681	-42.4	21.2	-21.2
36492.828349	-42.5	21.3	-21.2
36444.704853	-42.6	21.4	-21.2
36474.953908	-42.7	21.5	-21.2
36480.453736	-42.7	21.5	-21.2
36489.390957	-42.8	21.6	-21.2

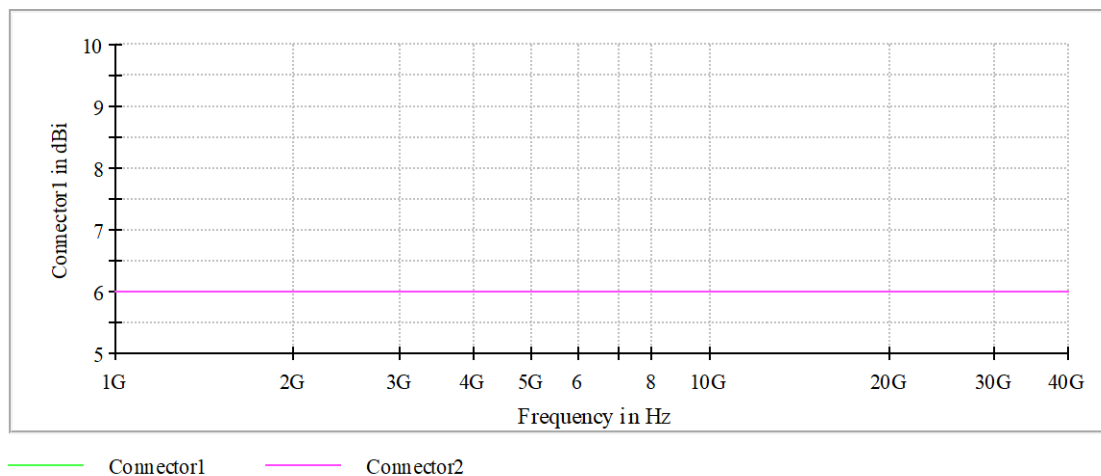
Measurement Settings

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

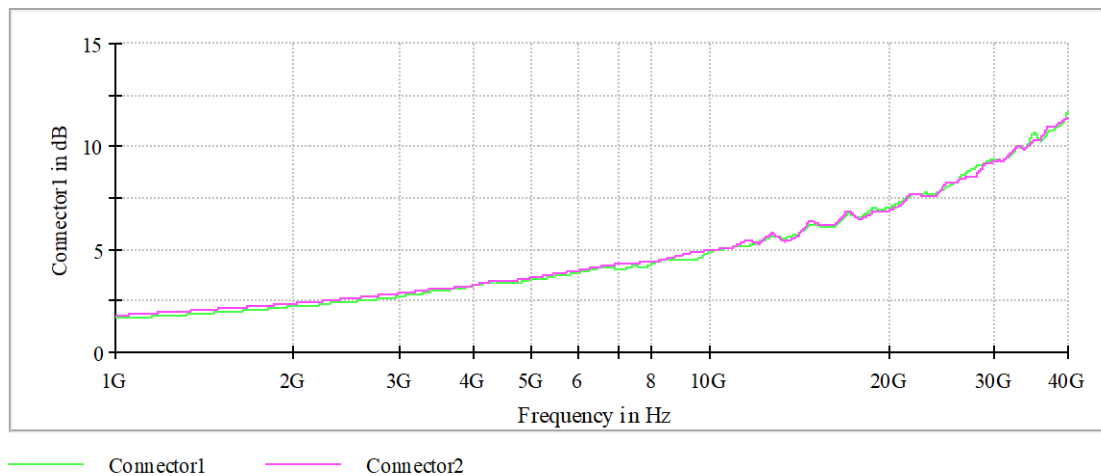
Restricted Band



Gain



Attenuation



Emission Bandwidth 26 dB (6325 MHz; 24.000 dBm; 160 MHz)

Customized settings.

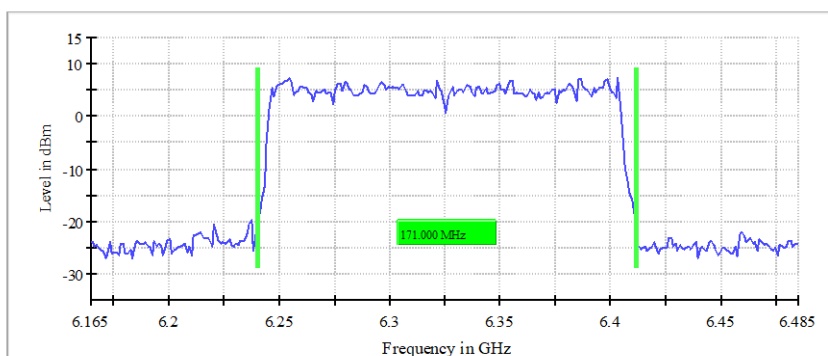
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6325.000000	171.000000	---	320.000000	6240.500000	---

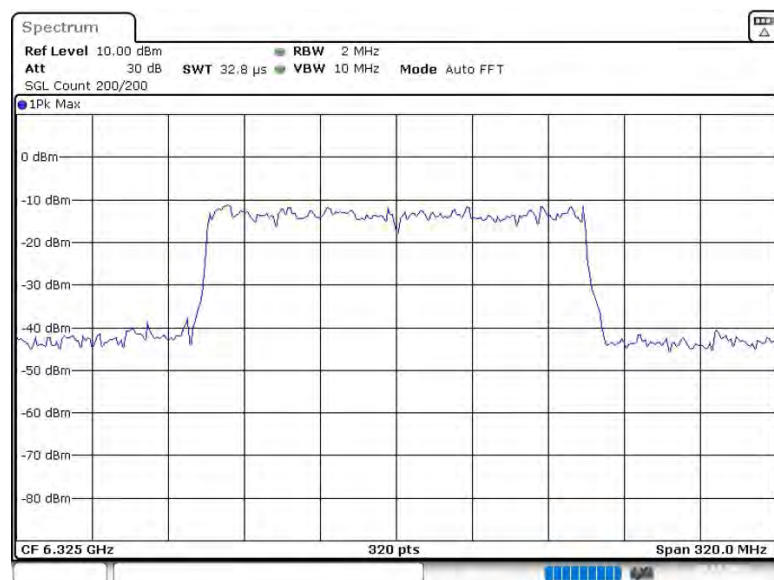
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
6325.000000	6411.500000	---	7.2	PASS

26 dB Bandwidth



Bandwidth



Date: 18.NOV.2024 05:18:55

In-Band Emissions (6325 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

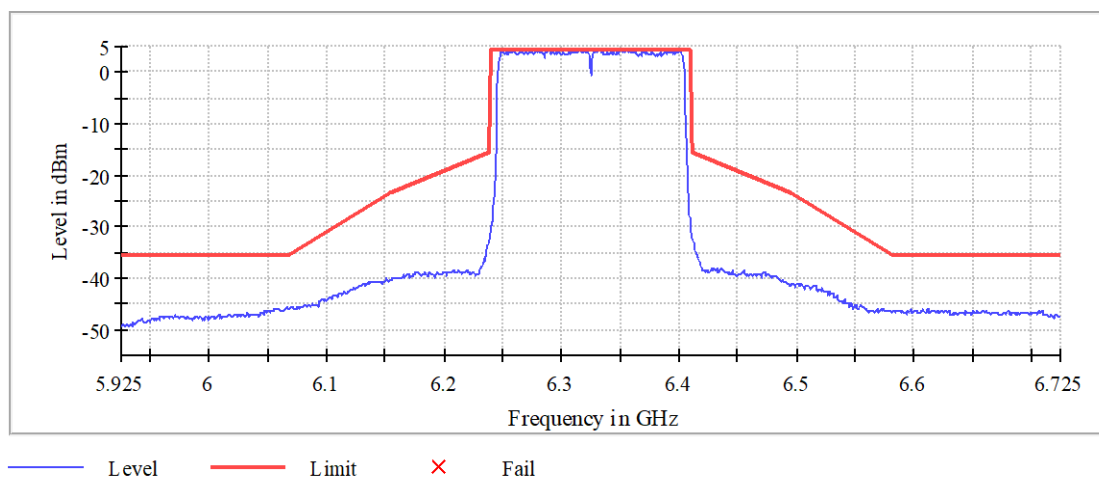
Inband Peak

Frequency (MHz)	Level (dBm)
6332.500000	4.4

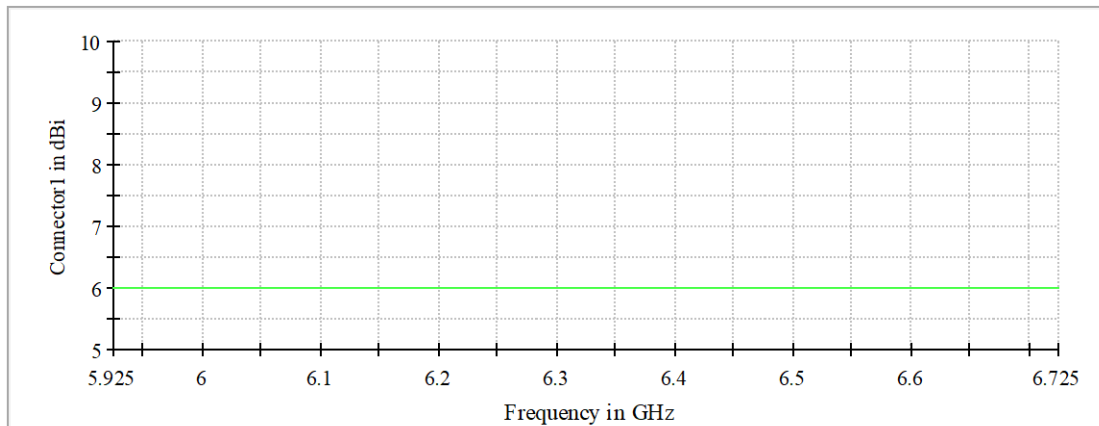
Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6332.500000	4.4	0.0	4.4	PASS
6289.500000	4.4	0.0	4.4	PASS
6329.500000	4.3	0.1	4.4	PASS
6319.500000	4.3	0.1	4.4	PASS
6259.500000	4.3	0.2	4.4	PASS
6400.500000	4.2	0.2	4.4	PASS
6358.500000	4.2	0.2	4.4	PASS
6401.500000	4.2	0.2	4.4	PASS
6352.500000	4.2	0.2	4.4	PASS
6316.500000	4.2	0.2	4.4	PASS
6355.500000	4.2	0.3	4.4	PASS
6350.500000	4.2	0.3	4.4	PASS
6344.500000	4.2	0.3	4.4	PASS
6315.500000	4.1	0.3	4.4	PASS
6333.500000	4.1	0.3	4.4	PASS

In Band

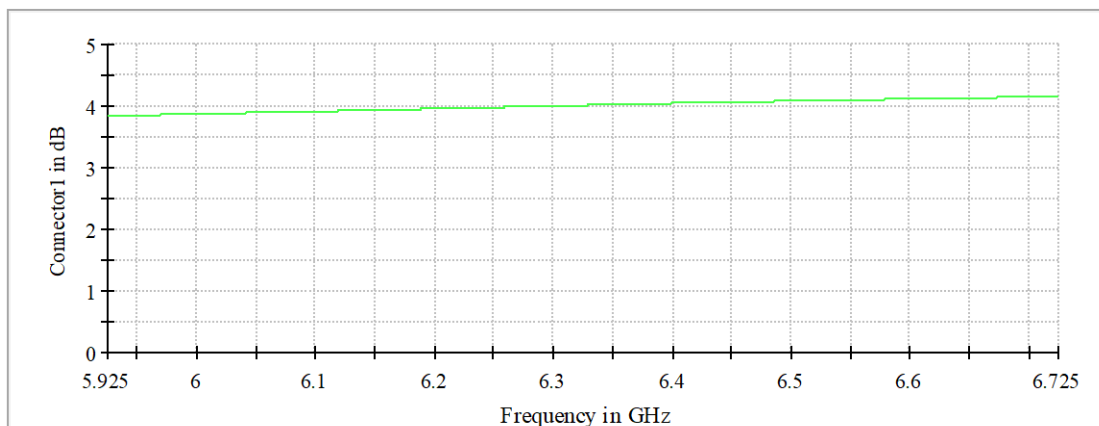


Gain



Connector1

Attenuation



Connector1

Occupied Channel Bandwidth 99% (6325 MHz; 24.000 dBm; 160 MHz)

Customized settings.

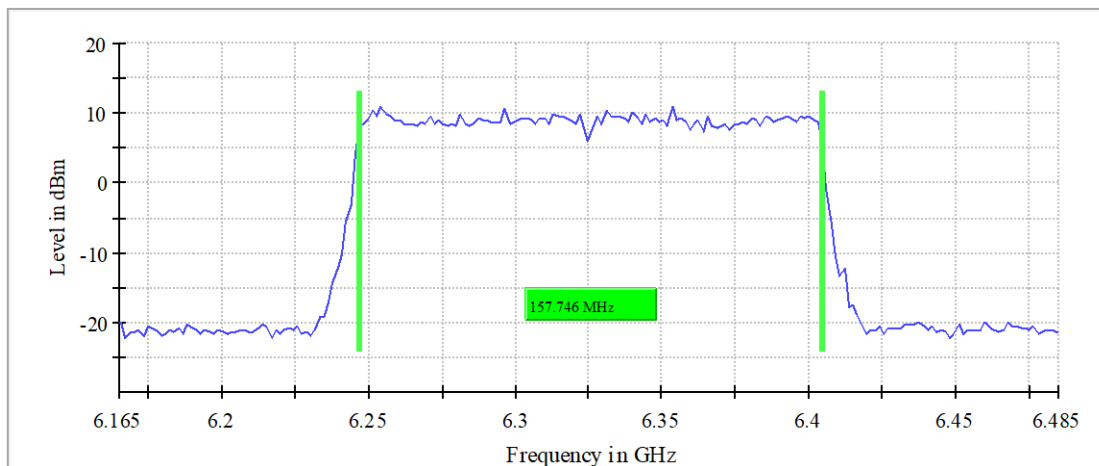
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6325.000000	157.746479	---	320.000000	6246.877934	5925.000000

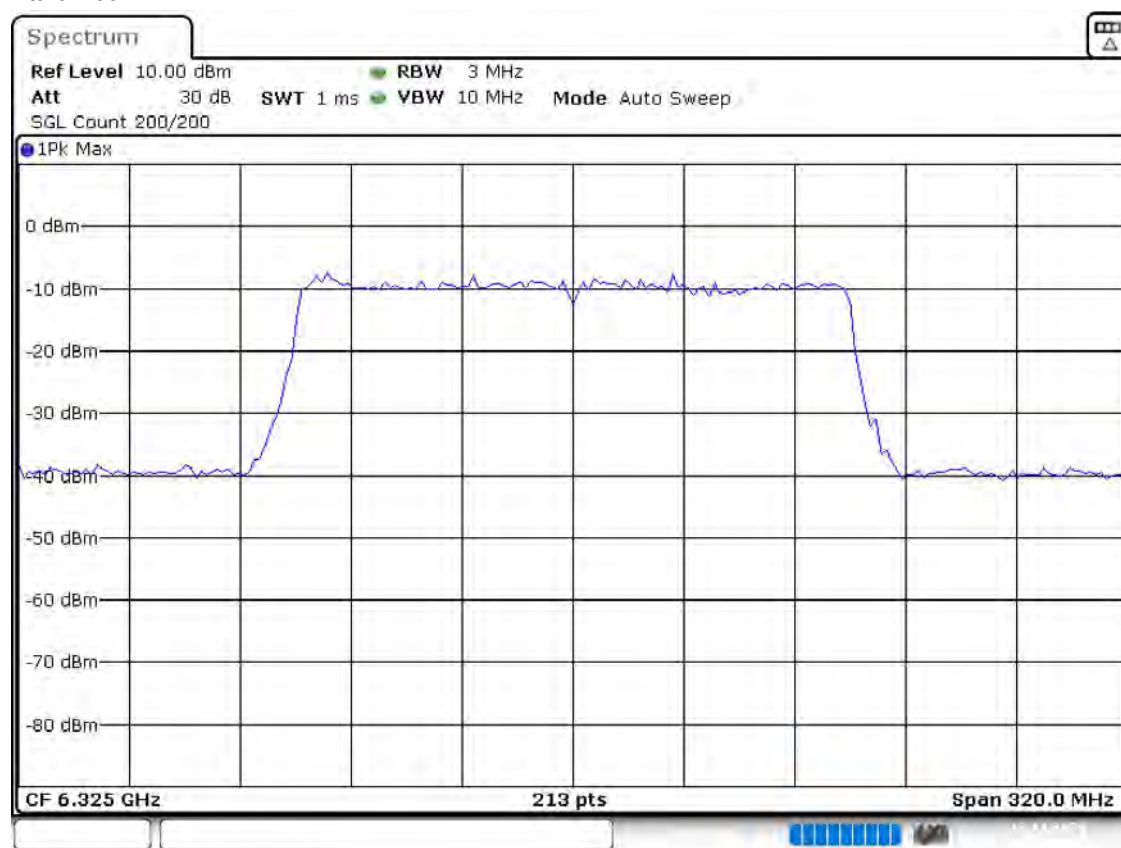
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6325.000000	6404.624413	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18.NOV.2024 05:19:44

Tx Spurious Emission (6325 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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

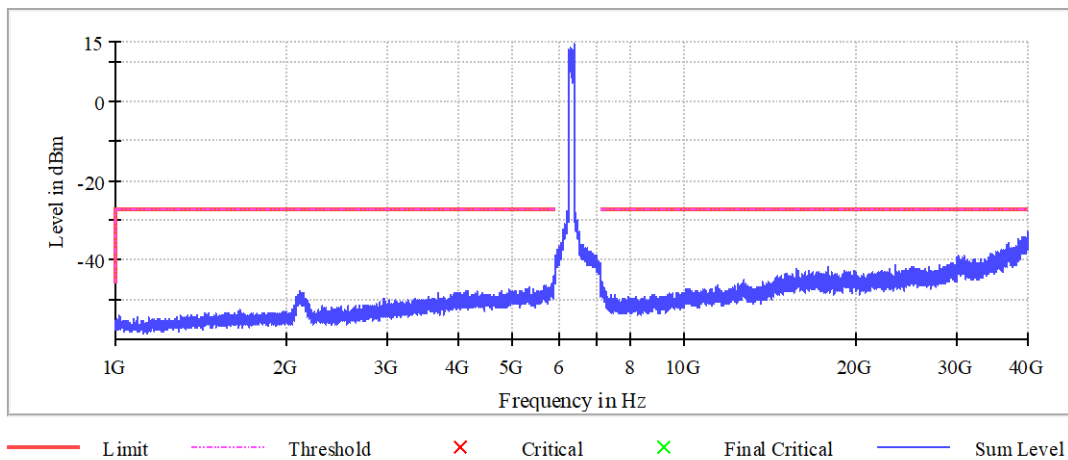
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39986.250000	-32.8	5.8	-27.0
39980.250000	-33.1	6.1	-27.0
39868.750000	-33.5	6.5	-27.0
39991.750000	-33.5	6.5	-27.0
39944.250000	-33.6	6.6	-27.0
39966.750000	-33.7	6.7	-27.0
39873.750000	-33.8	6.8	-27.0
39945.750000	-33.8	6.8	-27.0
39924.750000	-33.9	6.9	-27.0
39964.750000	-33.9	6.9	-27.0
39975.750000	-33.9	6.9	-27.0
39942.750000	-34.0	7.0	-27.0
39194.250000	-34.0	7.0	-27.0
39969.750000	-34.0	7.0	-27.0
39953.250000	-34.0	7.0	-27.0

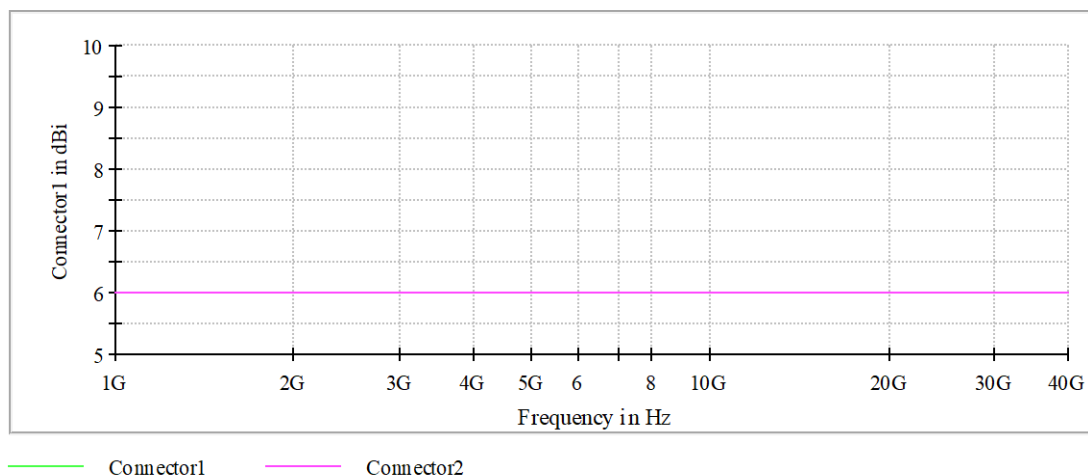
Measurement Settings

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

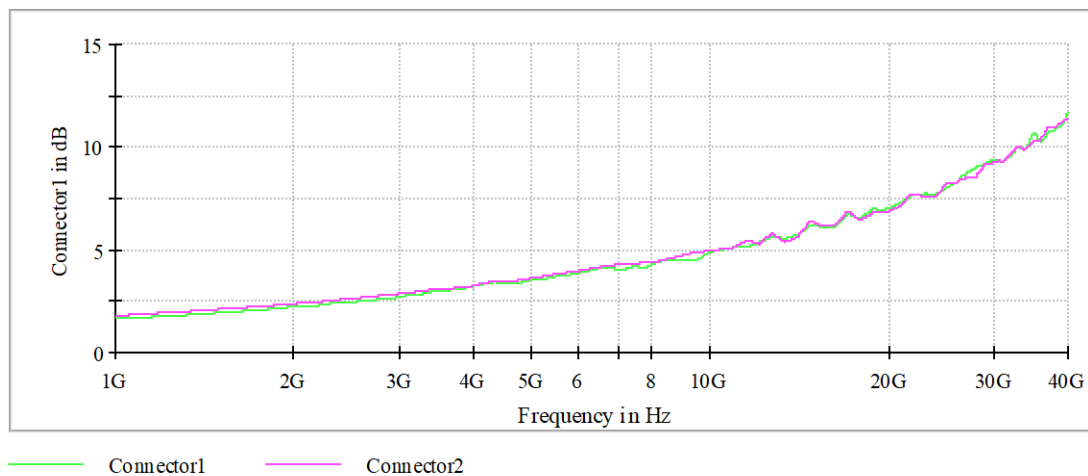
Spurious



Gain



Attenuation



Emissions in restricted frequency bands (Average) (6325 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

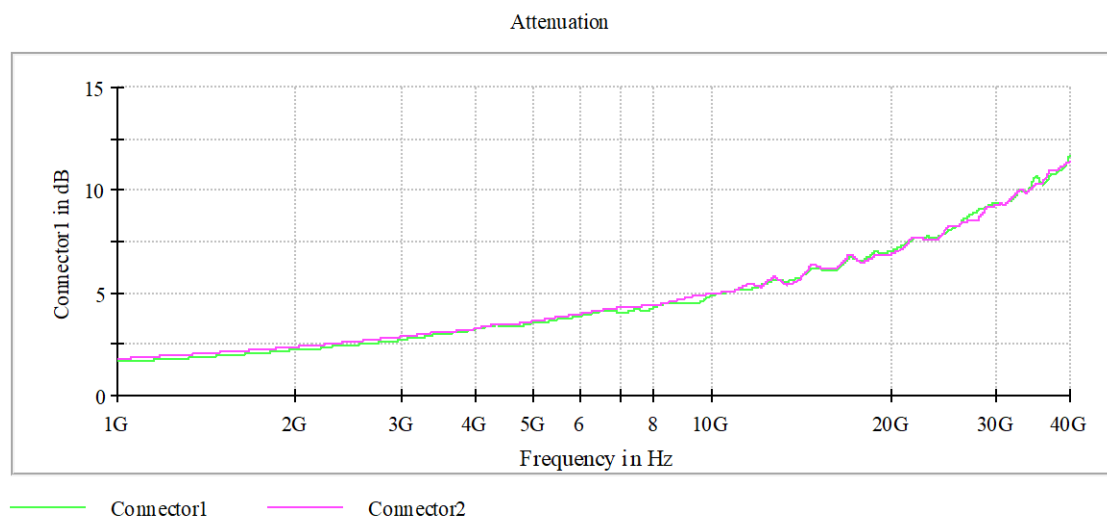
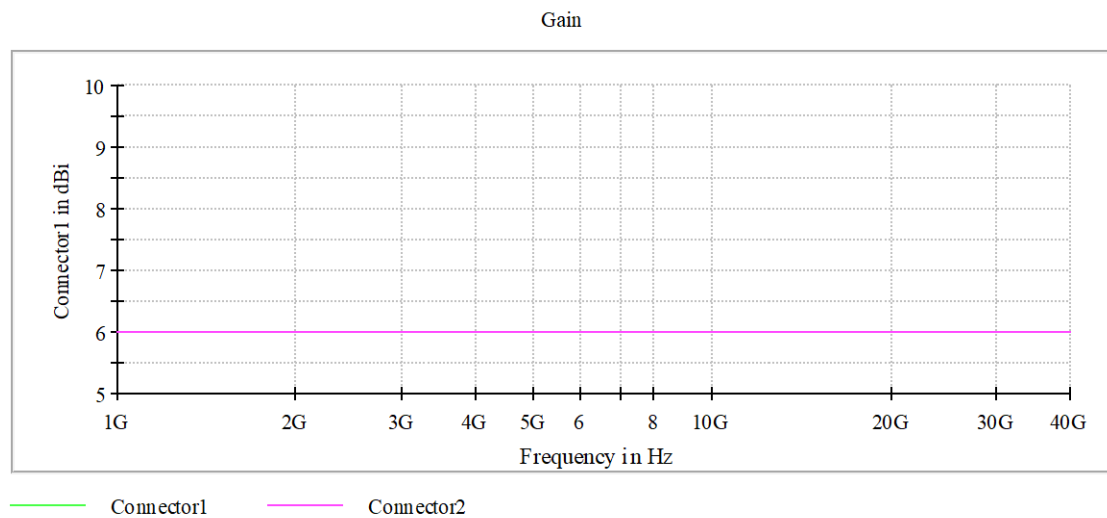
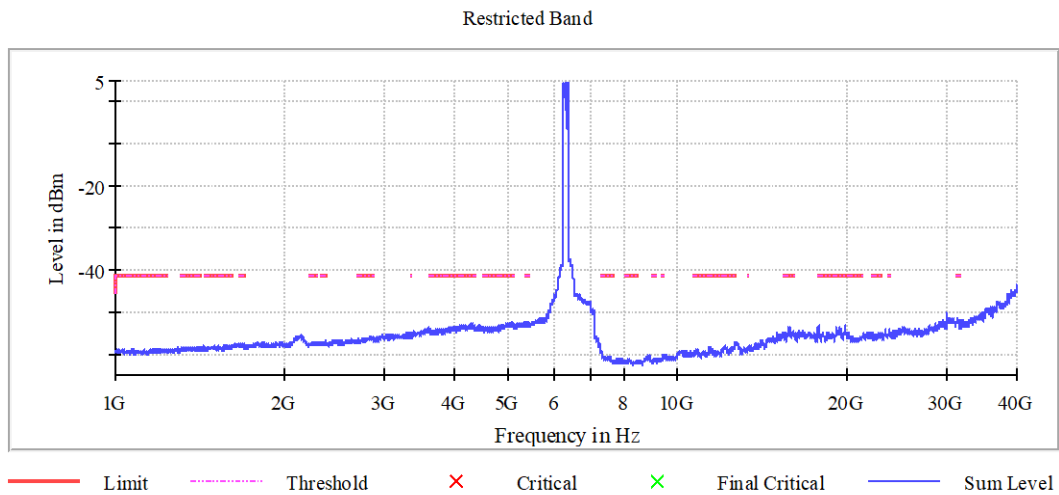
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
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Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36492.828349	-49.1	7.9	-41.2
36481.828693	-49.1	7.9	-41.2
36498.328177	-49.2	8.0	-41.2
36493.515828	-49.2	8.0	-41.2
36471.516515	-49.2	8.0	-41.2
36482.516171	-49.2	8.0	-41.2
36497.640699	-49.2	8.0	-41.2
36488.016000	-49.2	8.0	-41.2
36496.265742	-49.2	8.0	-41.2
36495.578263	-49.3	8.1	-41.2
36475.641386	-49.3	8.1	-41.2
36463.266773	-49.3	8.1	-41.2
36449.517203	-49.3	8.1	-41.2
36485.953564	-49.3	8.1	-41.2
36496.953220	-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) (6325 MHz; 24.000 dBm; 160 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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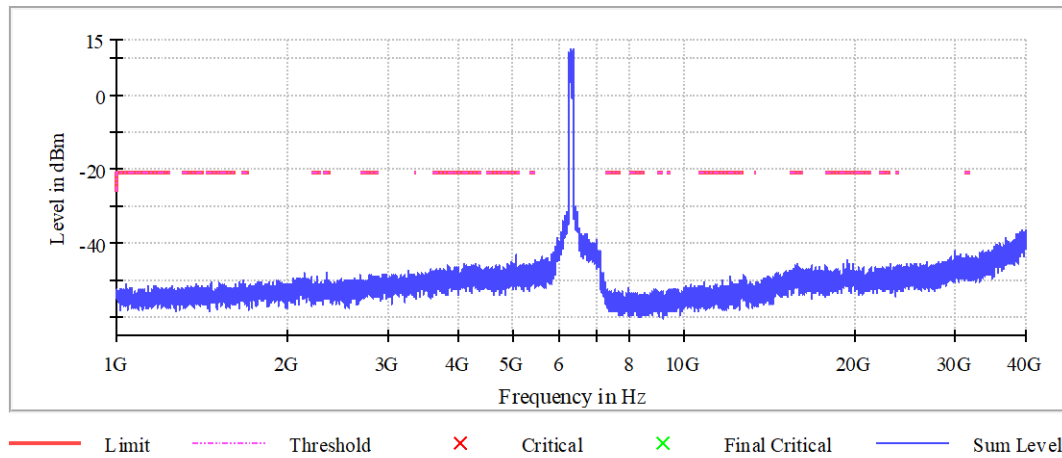
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36437.142589	-41.4	20.2	-21.2
36498.328177	-41.4	20.2	-21.2
36461.204337	-41.7	20.5	-21.2
36444.017374	-41.7	20.5	-21.2
36499.015656	-41.9	20.7	-21.2
36448.142246	-41.9	20.7	-21.2
36479.078779	-41.9	20.7	-21.2
36452.267117	-42.0	20.8	-21.2
36499.703134	-42.2	21.0	-21.2
36493.515828	-42.2	21.0	-21.2
36430.267804	-42.3	21.1	-21.2
36480.453736	-42.3	21.1	-21.2
36484.578607	-42.4	21.2	-21.2
36495.578263	-42.4	21.2	-21.2
36454.329552	-42.4	21.2	-21.2

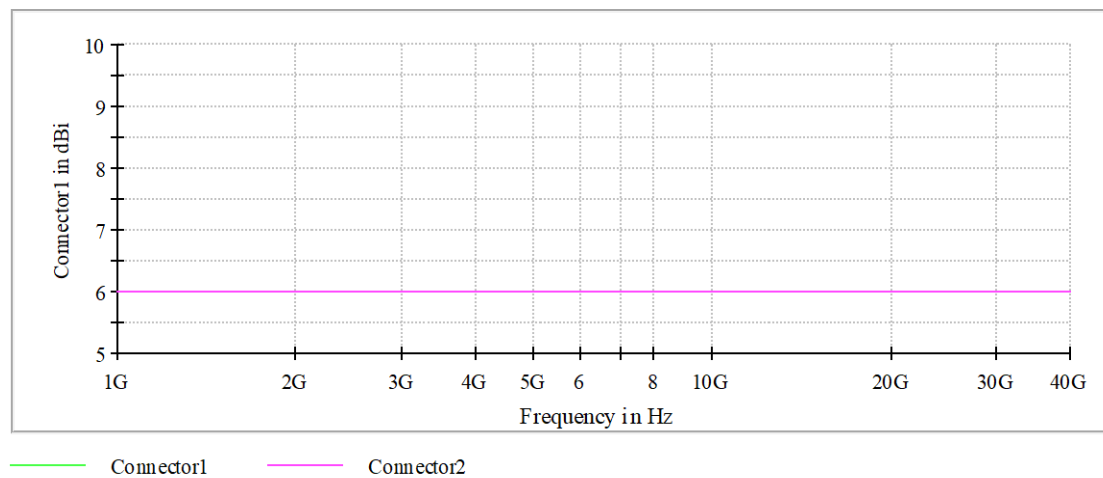
Measurement Settings

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

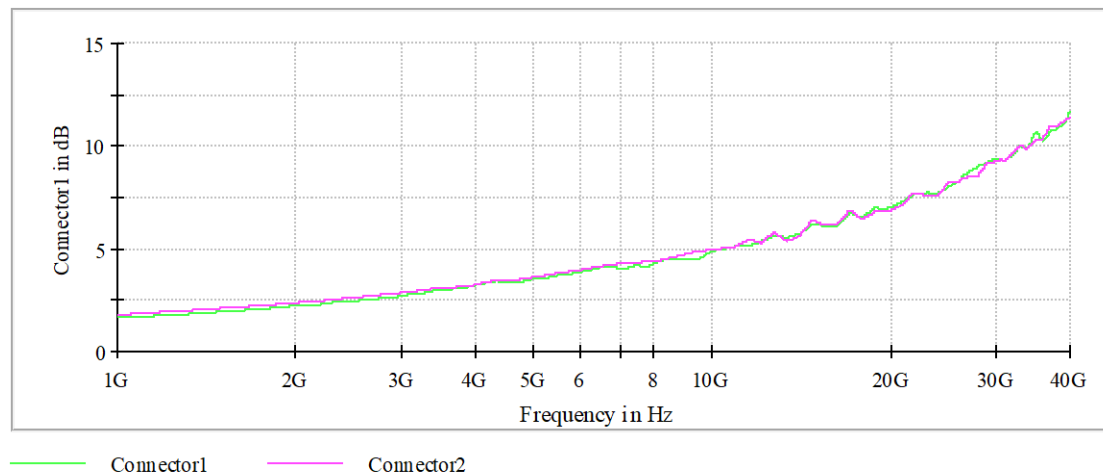
Restricted Band



Gain



Attenuation



1.1 PSD

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	5955.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6195.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6415.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	5965.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6205.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6405.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	5985.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6225.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6385.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6025.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6185.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6325.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6265.000	24.0	320.000000	PASS

Power Spectral Density (SA-2) (5955 MHz; 24.000 dBm; 20 MHz)

Customized settings.

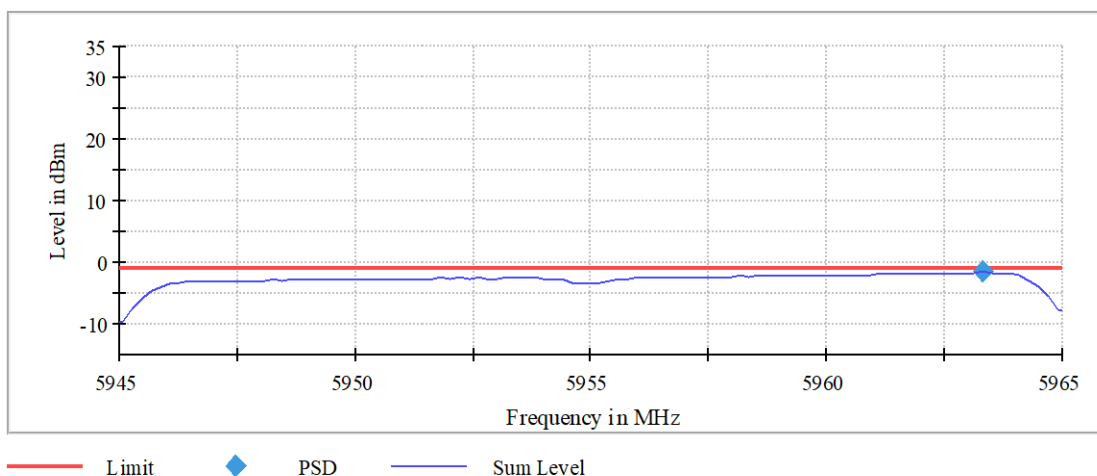
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5955.000000	5963.316832	-1.676	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.94500 GHz	5.94500 GHz
Stop Frequency	5.96500 GHz	5.96500 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) (6195 MHz; 24.000 dBm; 20 MHz)

Customized settings.

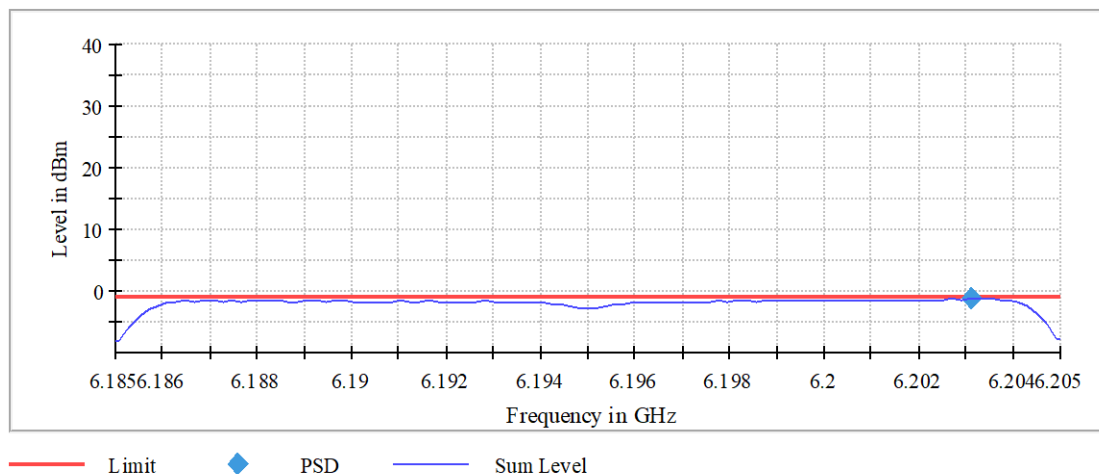
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6195.000000	6203.118812	-1.295	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Power Spectral Density (SA-2) (6415 MHz; 24.000 dBm; 20 MHz)

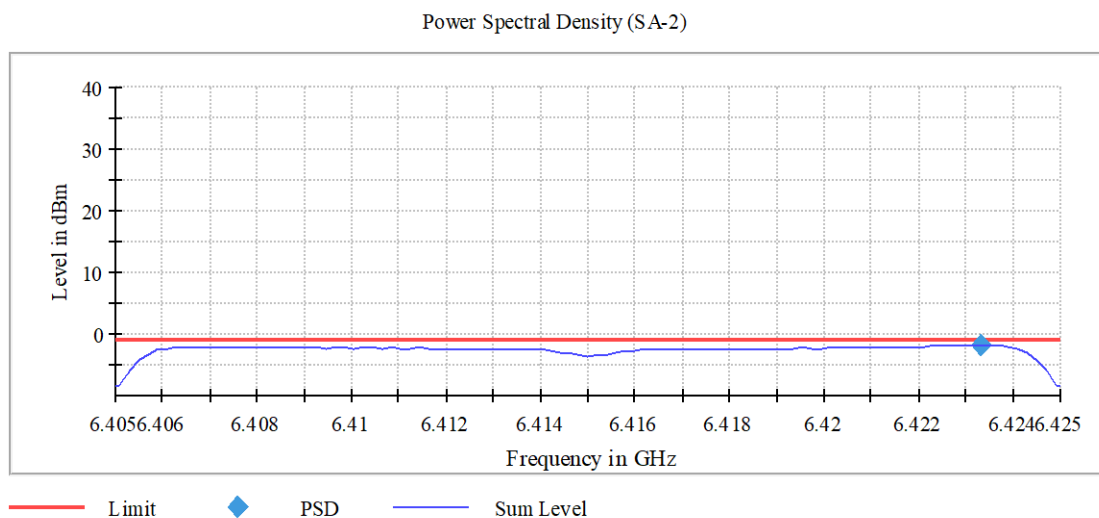
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6415.000000	6423.316832	-1.895	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (5965 MHz; 24.000 dBm; 40 MHz)

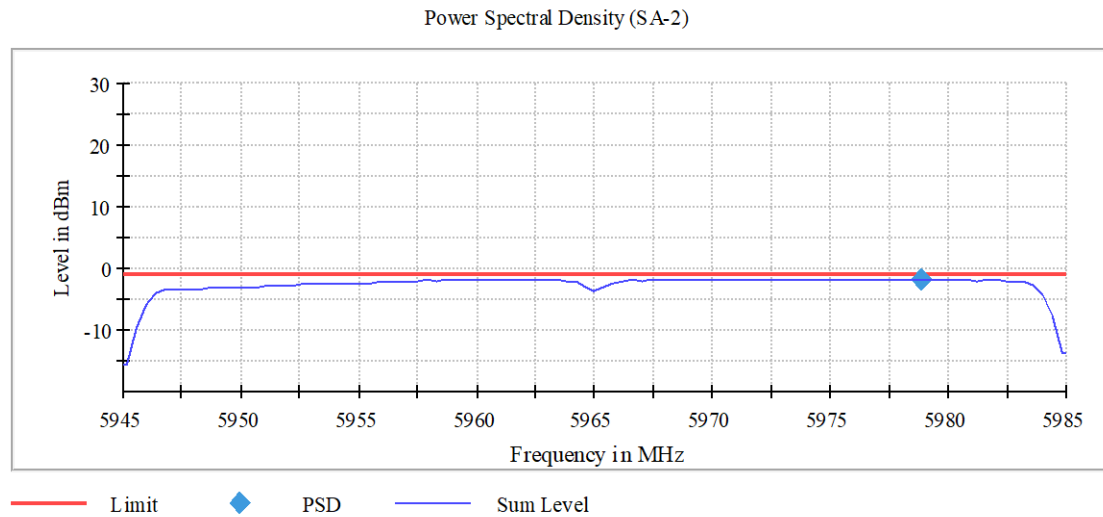
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5965.000000	5978.861386	-1.810	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6205 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6205.000000	6200.247525	-1.013	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2) (6405 MHz; 24.000 dBm; 40 MHz)

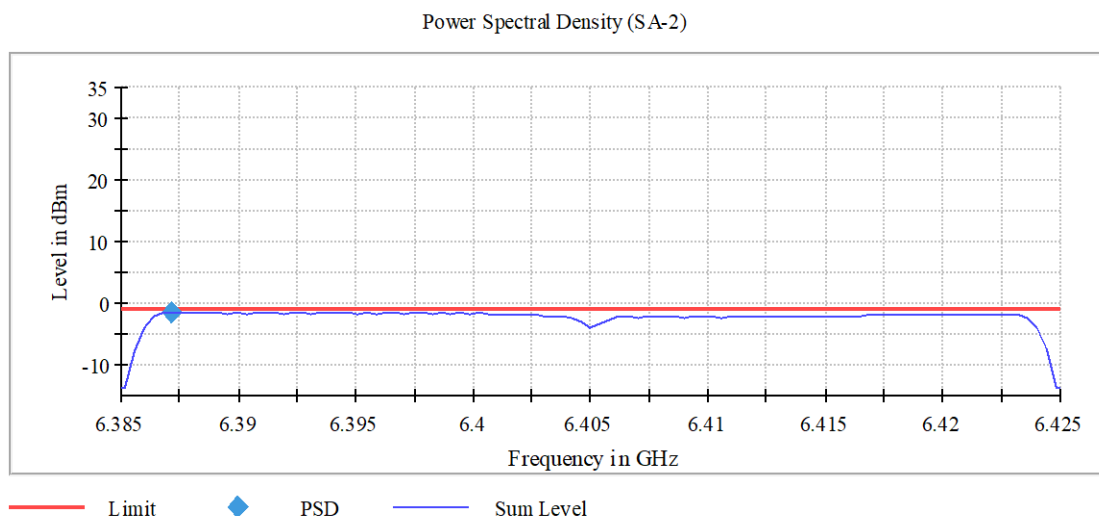
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6405.000000	6387.178218	-1.563	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (5985 MHz; 24.000 dBm; 80 MHz)

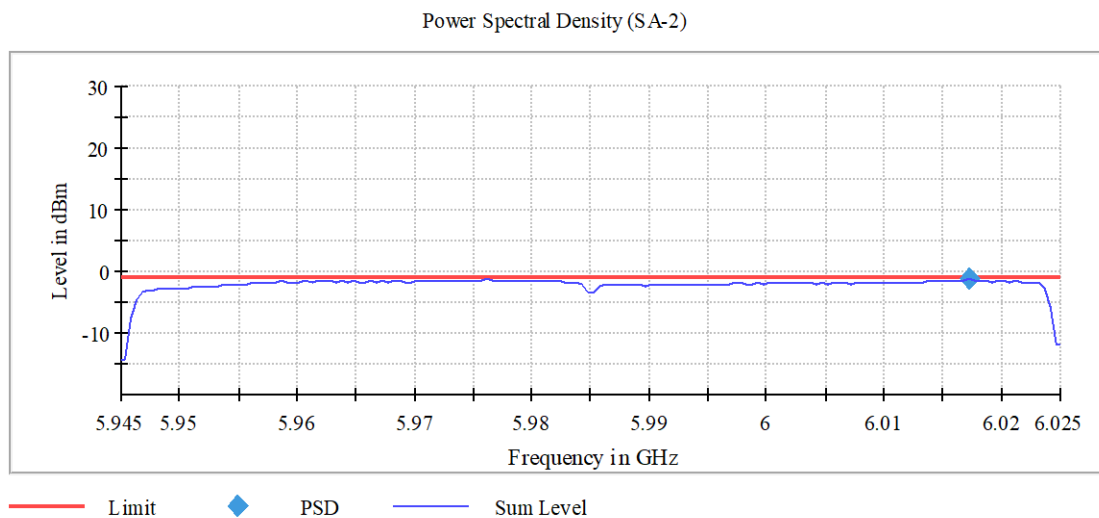
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5985.000000	6017.250000	-1.387	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6225 MHz; 24.000 dBm; 80 MHz)

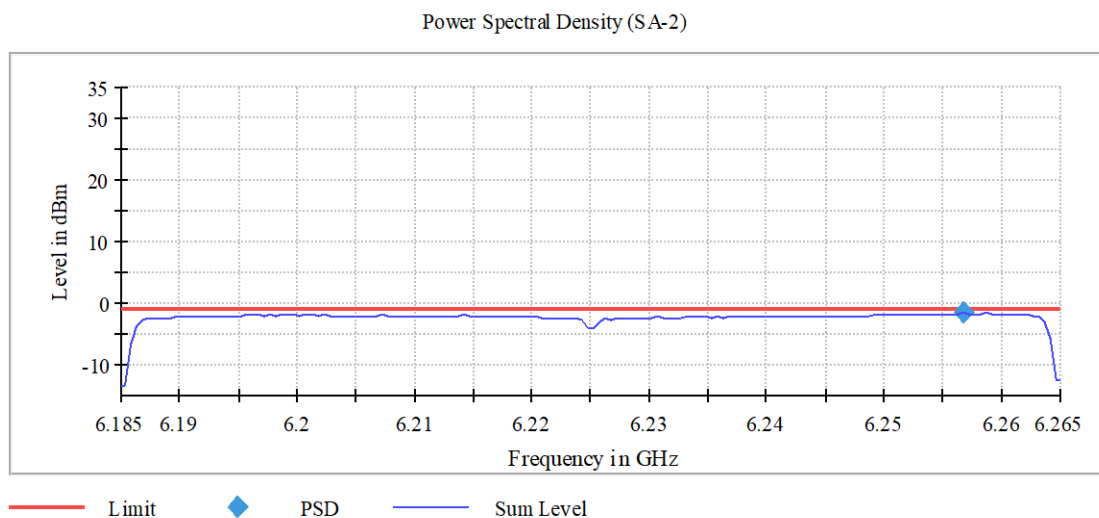
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6225.000000	6256.750000	-1.689	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6385 MHz; 24.000 dBm; 80 MHz)

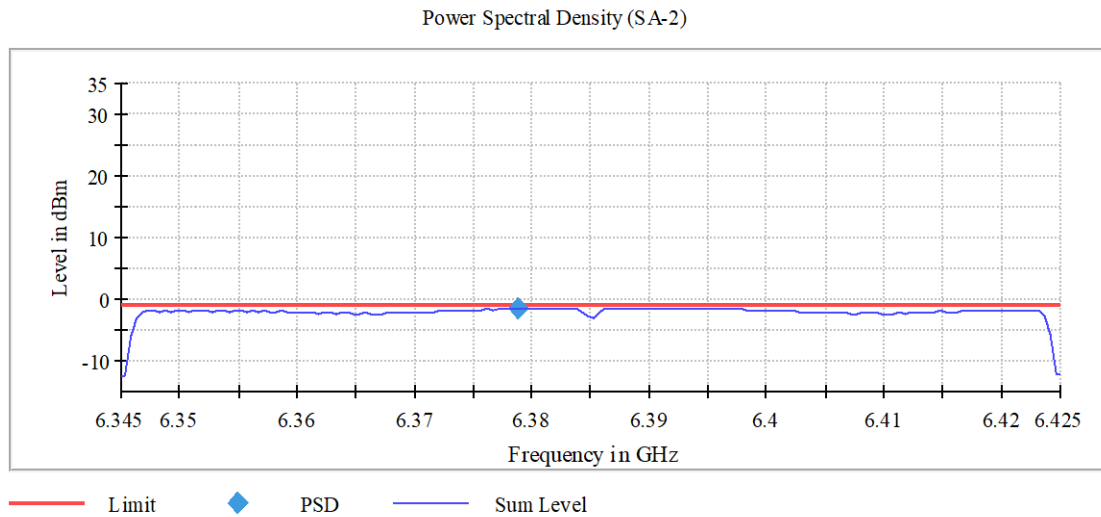
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6385.000000	6378.750000	-1.414	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6025 MHz; 24.000 dBm; 160 MHz)

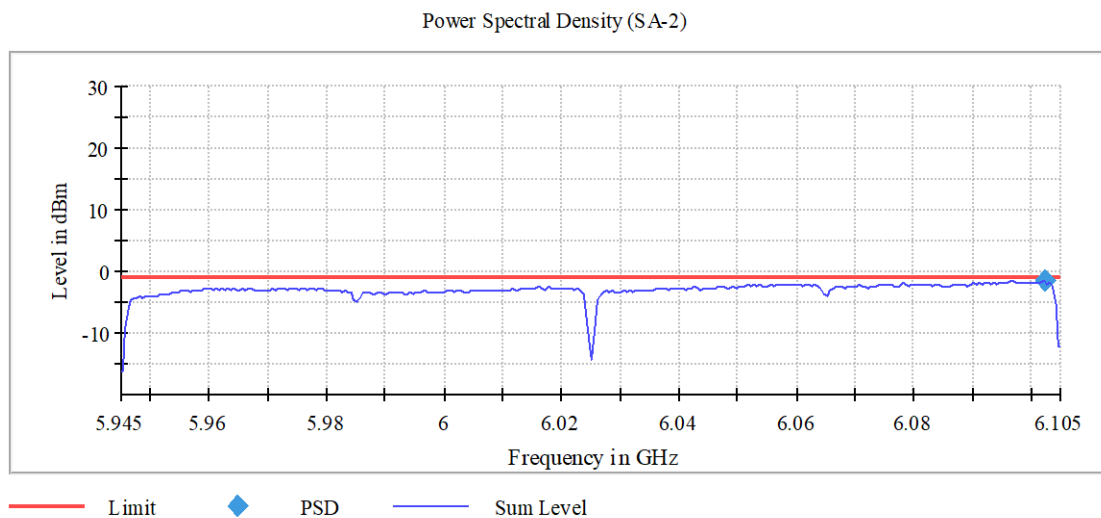
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6025.000000	6102.250000	-1.556	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6185 MHz; 24.000 dBm; 160 MHz)

Customized settings.

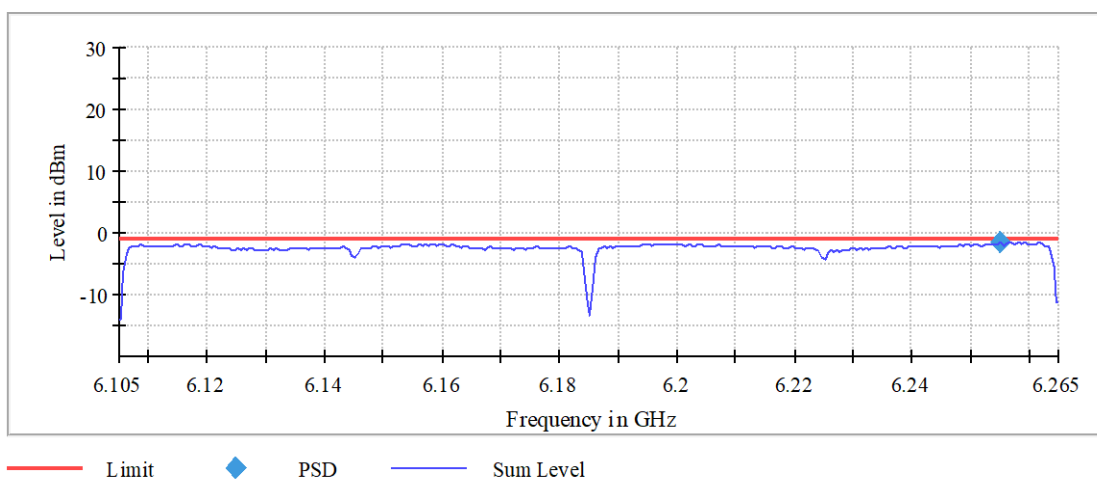
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6185.000000	6255.250000	-1.600	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Power Spectral Density (SA-2) (6325 MHz; 24.000 dBm; 160 MHz)

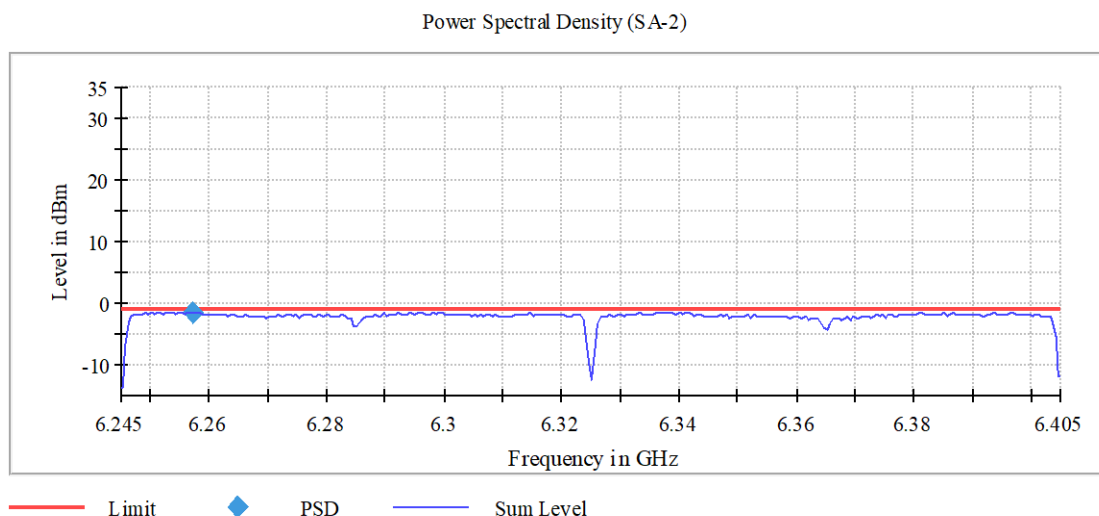
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6325.000000	6257.250000	-1.481	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6265 MHz; 24.000 dBm; 320 MHz)

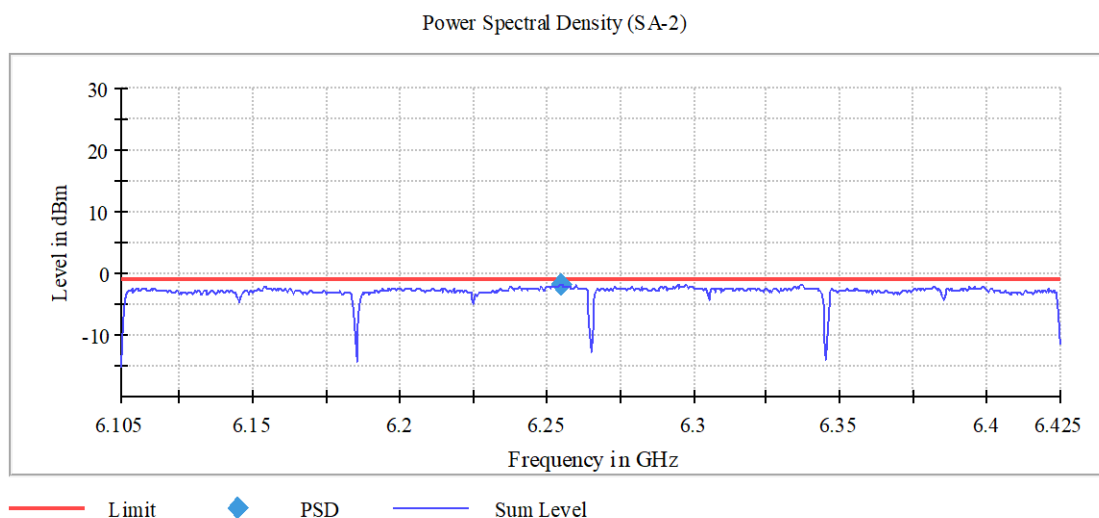
Customized settings.

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6265.000000	6254.750000	-1.824	-0.8	PASS

Ports

Port	State
1	used
2	used



-- End of Report --