



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-E7ADI
ISED ID	6545A-E7ADI
Equipment Under Test	E7-Audience-Indoor
Test Report Serial Number	TR10352_01
Date of Test	13 and 15 - 19 June; 16 September 2025
Report Issue Date	16 September 2025

Test Personnel

Testing performed by	Evan Hartzell
-----------------------------	---------------

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 2026. 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 2026. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



NVLAP LAB CODE 600241-0

1 RF Conducted UNII-8

NOTE: The first channel contains the equipment setting table(s), if subsequent channels do not have an equipment setting table(s) then the equipment setting table(s) is the same as the first channel.

1.1 be Mode

1.1.1 Low Gain Antenna

Summary

Test	Frequency (MHz)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6895.000	20.000000	PASS
RF output power	6895.000	20.000000	PASS
In-Band Emissions	6895.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6895.000	20.000000	PASS
Frequency Stability	6895.000	20.000000	PASS
Emission Bandwidth 26 dB	7015.000	20.000000	PASS
In-Band Emissions	7015.000	20.000000	PASS
Occupied Channel Bandwidth 99%	7015.000	20.000000	PASS
Emission Bandwidth 26 dB	7115.000	20.000000	PASS
In-Band Emissions	7115.000	20.000000	PASS
Occupied Channel Bandwidth 99%	7115.000	20.000000	PASS
Emission Bandwidth 26 dB	6925.000	40.000000	PASS
In-Band Emissions	6925.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6925.000	40.000000	PASS
Emission Bandwidth 26 dB	7005.000	40.000000	PASS
In-Band Emissions	7005.000	40.000000	PASS
Occupied Channel Bandwidth 99%	7005.000	40.000000	PASS
Emission Bandwidth 26 dB	7085.000	40.000000	PASS
In-Band Emissions	7085.000	40.000000	PASS
Occupied Channel Bandwidth 99%	7085.000	40.000000	PASS
Emission Bandwidth 26 dB	6945.000	80.000000	PASS
In-Band Emissions	6945.000	80.000000	PASS
Occupied Channel Bandwidth 99%	6945.000	80.000000	PASS
Emission Bandwidth 26 dB	7025.000	80.000000	PASS
In-Band Emissions	7025.000	80.000000	PASS
Occupied Channel Bandwidth 99%	7025.000	80.000000	PASS
Emission Bandwidth 26 dB	6985.000	160.000000	PASS
In-Band Emissions	6985.000	160.000000	PASS
Occupied Channel Bandwidth 99%	6985.000	160.000000	PASS
Tx Spurious Emission	6985.000	160.000000	PASS
Emissions in restricted frequency bands (Average)	6985.000	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6985.000	160.000000	PASS
In-Band Emissions	6905.000	320.000000	PASS
Occupied Channel Bandwidth 99%	6905.000	320.000000	PASS
Tx Spurious Emission	6905.000	320.000000	PASS
Emissions in restricted frequency bands (Average)	6905.000	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6905.000	320.000000	PASS

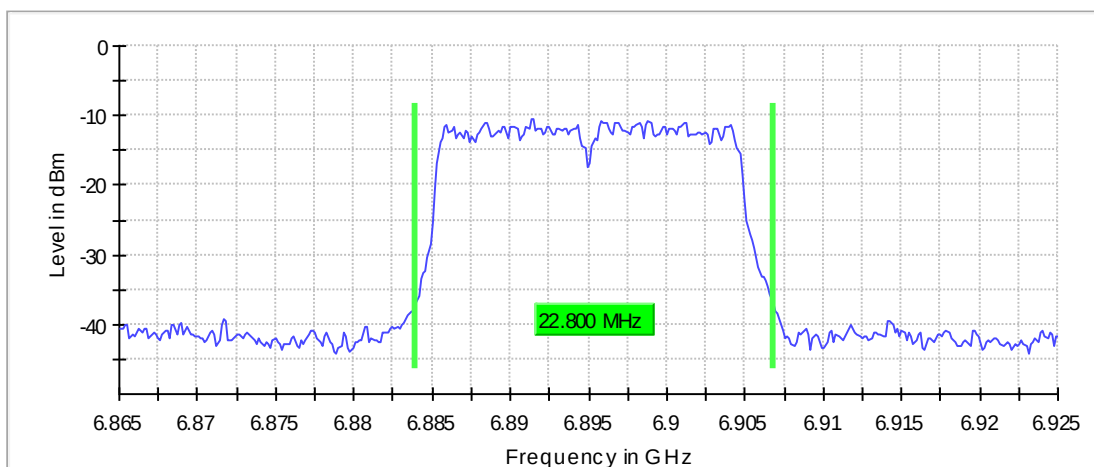
Emission Bandwidth 26 dB (6895 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

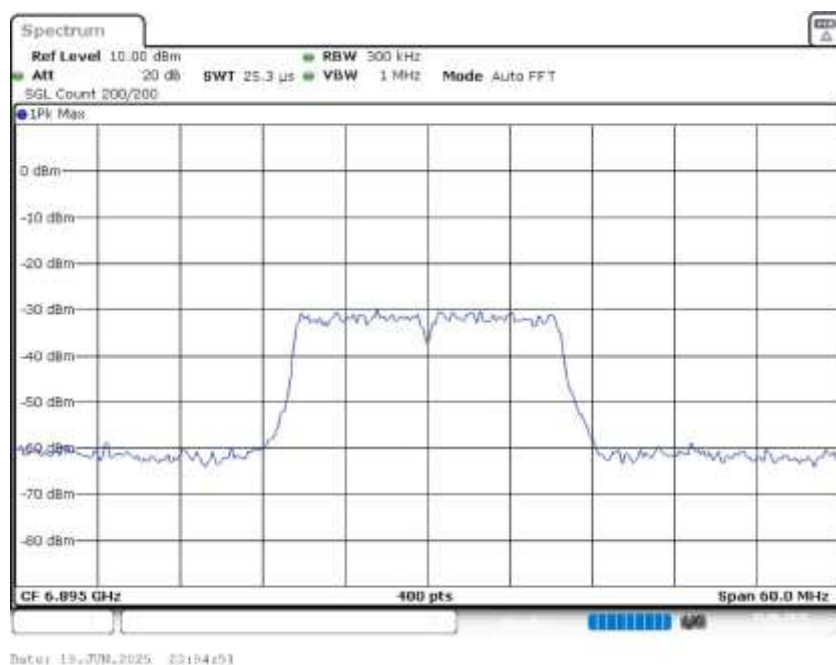
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6895.000000	22.800000	---	320.000000	6883.975000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6895.000000	6906.775000	---	-10.4	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.86500 GHz	6.86500 GHz
Stop Frequency	6.92500 GHz	6.92500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
SweepTime	25.313 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

RF output power (6895 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6895.000000	6.6	24.0	6.6	99.724	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 (6895 MHz; 24.000 dBm; 20 MHz)

Result

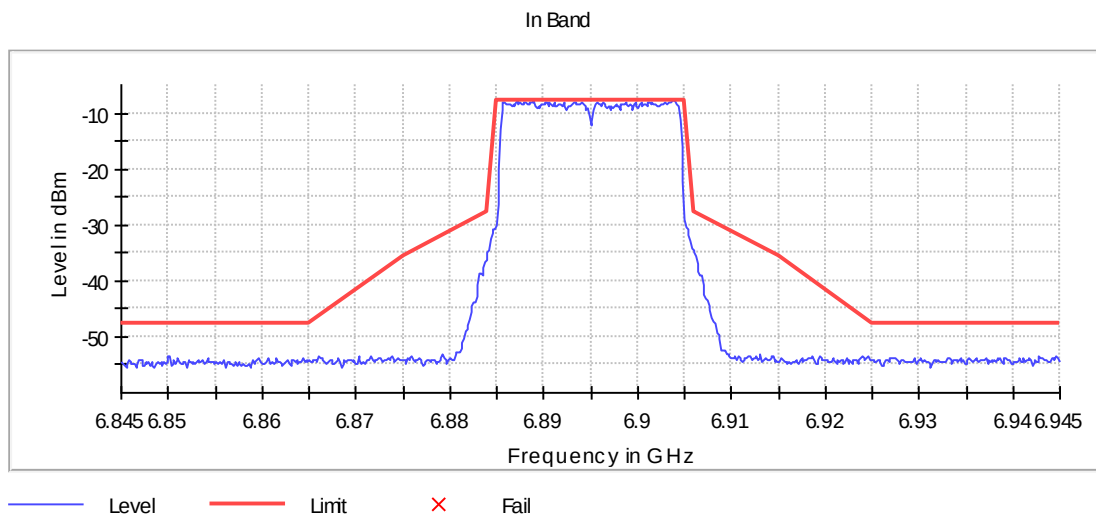
DUT Frequency (MHz)	Result
6895.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6903.695652	-7.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6887.203898	-7.8	0.1	-7.6	PASS
6889.002999	-7.9	0.2	-7.6	PASS
6903.845577	-7.9	0.3	-7.6	PASS
6903.995502	-7.9	0.3	-7.6	PASS
6887.053973	-7.9	0.3	-7.6	PASS
6896.349325	-8.0	0.3	-7.6	PASS
6885.854573	-8.0	0.4	-7.6	PASS
6887.953523	-8.0	0.4	-7.6	PASS
6893.350825	-8.1	0.4	-7.6	PASS
6888.103448	-8.1	0.4	-7.6	PASS
6890.652174	-8.1	0.4	-7.6	PASS
6887.503748	-8.1	0.5	-7.6	PASS
6899.797601	-8.1	0.5	-7.6	PASS
6890.352324	-8.1	0.5	-7.6	PASS
6900.397301	-8.1	0.5	-7.6	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.84500 GHz	6.84500 GHz
Stop Frequency	6.94500 GHz	6.94500 GHz
Span	100.000 MHz	100.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	667	~ 667
SweepTime	1.100 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

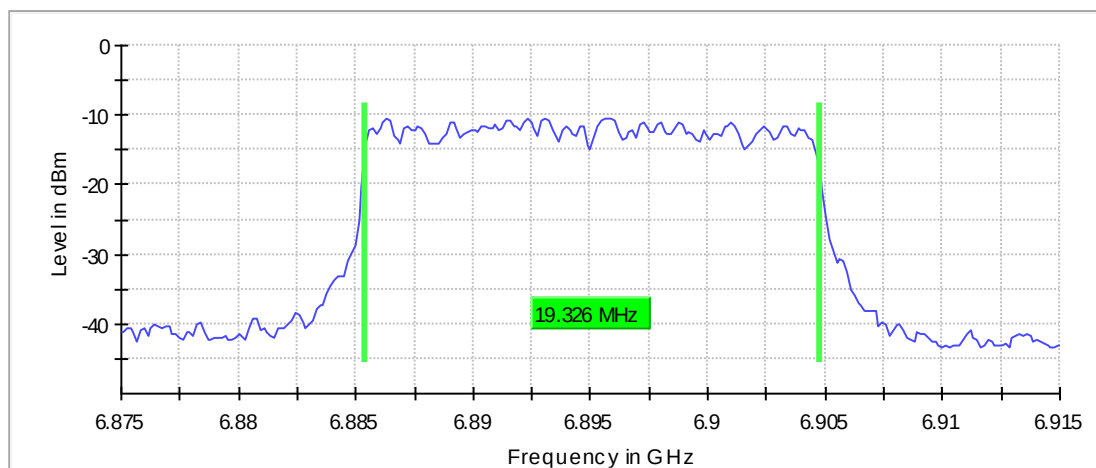
Occupied Channel Bandwidth 99% (6895 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6895.000000	19.325843	---	320.000000	6885.411985	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6895.000000	6904.737828	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

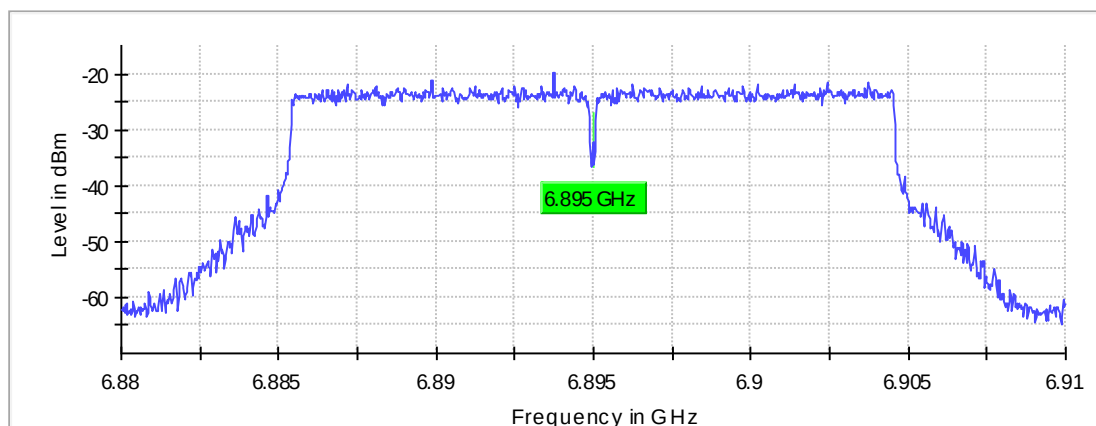
Setting	Instrument Value	Target Value
Start Frequency	6.87500 GHz	6.87500 GHz
Stop Frequency	6.91500 GHz	6.91500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
SweepTime	18.930 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Frequency Stability (6895 MHz; 24.000 dBm; 20 MHz)

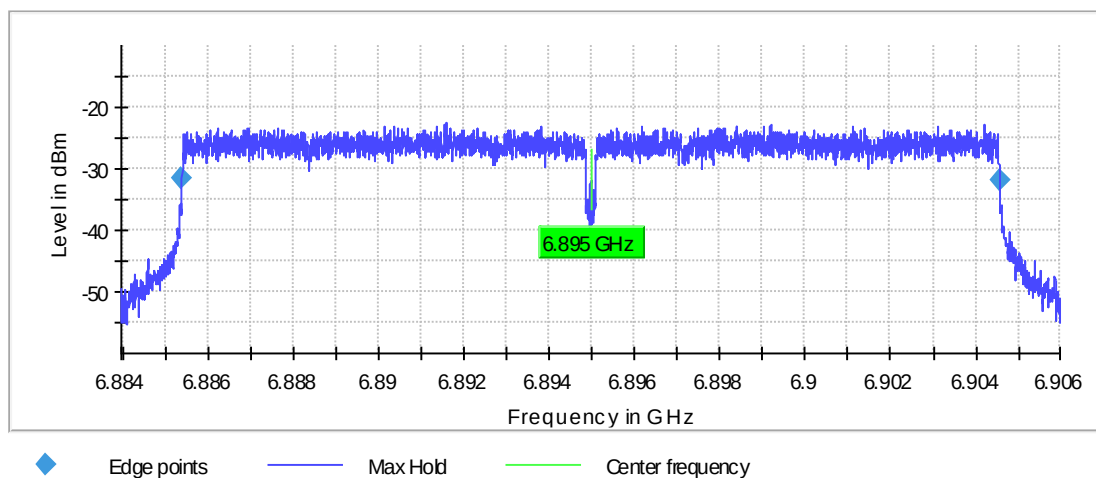
Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6895.000000	6894.973330	3.868	-26.670500	---	---	PASS

Frequency stability Pre



Frequency stability



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.88000 GHz	6.88000 GHz
Stop Frequency	6.91000 GHz	6.91000 GHz
Span	30.000 MHz	30.000 MHz
RBW	30.000 kHz	<= 30.000 kHz
VBW	100.000 kHz	>= 90.000 kHz
SweepPoints	1001	~ 1001
SweepTime	126.413 μ s	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 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

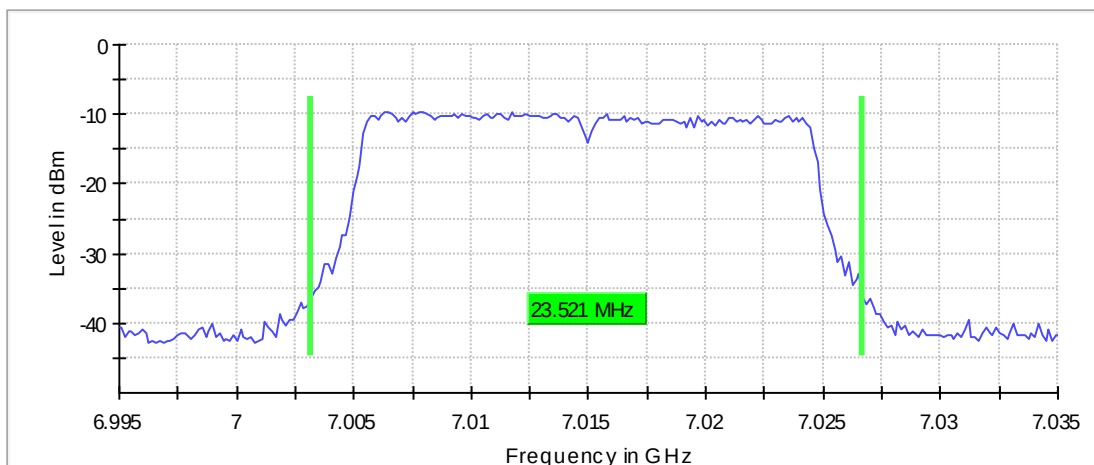
Emission Bandwidth 26 dB (7015 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

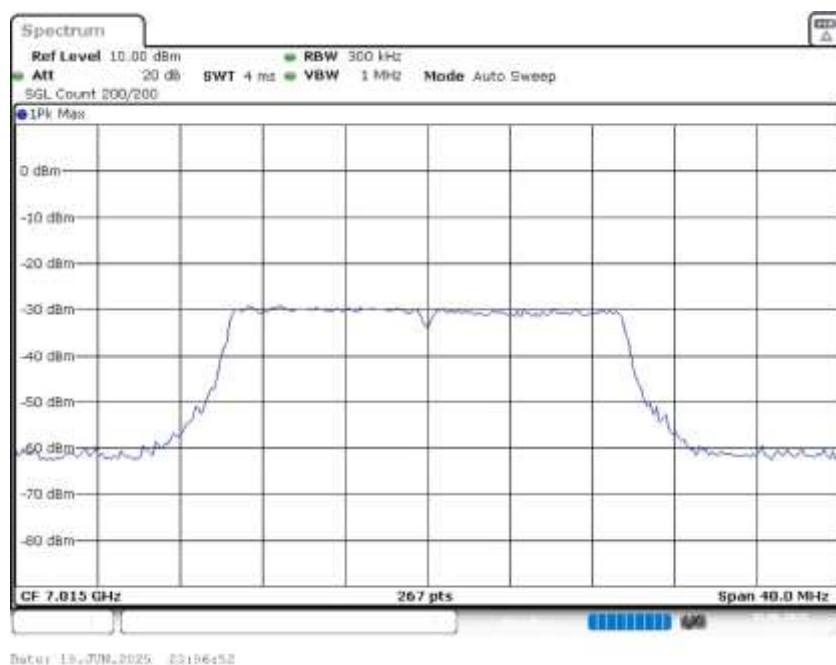
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7015.000000	23.520599	---	320.000000	7003.164794	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7015.000000	7026.685393	---	-9.6	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.99500 GHz	6.99500 GHz
Stop Frequency	7.03500 GHz	7.03500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

In-Band Emissions (7015 MHz; 24.000 dBm; 20 MHz)

Result

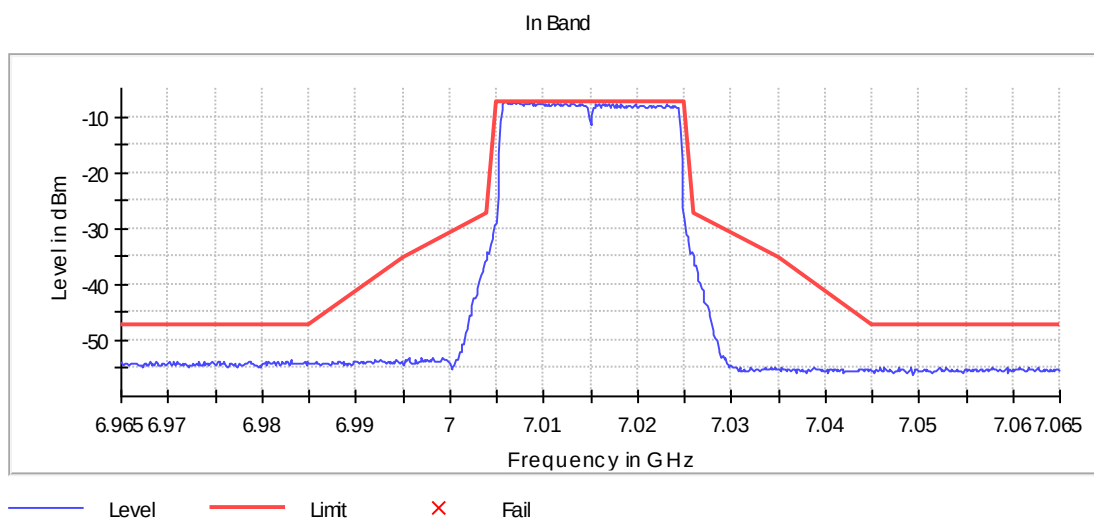
DUT Frequency (MHz)	Result
7015.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7006.304348	-7.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7005.854573	-7.3	0.0	-7.3	PASS
7008.703148	-7.5	0.2	-7.3	PASS
7006.904048	-7.5	0.2	-7.3	PASS
7007.353823	-7.5	0.2	-7.3	PASS
7006.754123	-7.5	0.2	-7.3	PASS
7009.002999	-7.6	0.3	-7.3	PASS
7007.203898	-7.6	0.3	-7.3	PASS
7006.004498	-7.6	0.3	-7.3	PASS
7016.349325	-7.6	0.3	-7.3	PASS
7007.053973	-7.6	0.3	-7.3	PASS
7006.454273	-7.6	0.3	-7.3	PASS
7009.902549	-7.6	0.3	-7.3	PASS
7009.302849	-7.7	0.4	-7.3	PASS
7013.200900	-7.7	0.4	-7.3	PASS
7010.502249	-7.7	0.4	-7.3	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.96500 GHz	6.96500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	100.000 MHz	100.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	667	~ 667
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

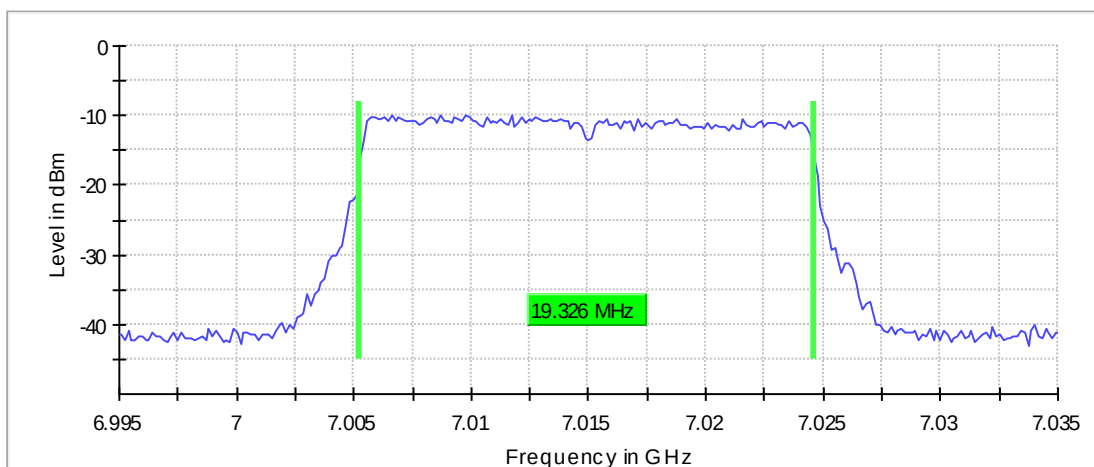
Occupied Channel Bandwidth 99% (7015 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

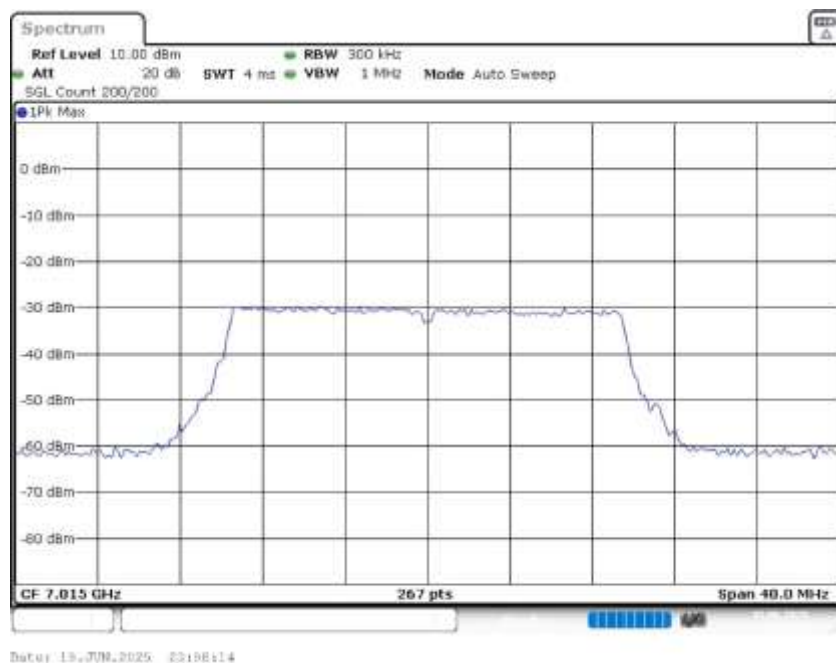
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7015.000000	19.325843	---	320.000000	7005.262172	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7015.000000	7024.588015	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.99500 GHz	6.99500 GHz
Stop Frequency	7.03500 GHz	7.03500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

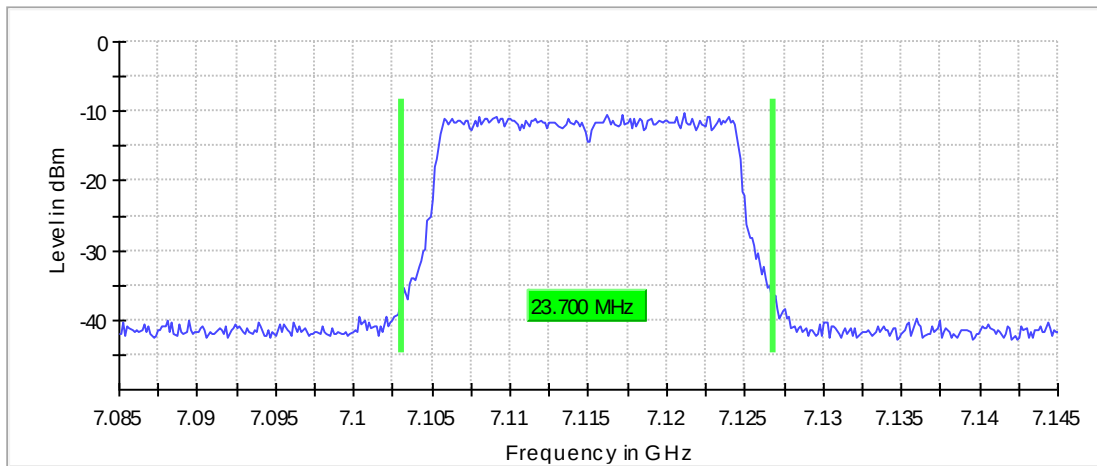
Emission Bandwidth 26 dB (7115 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

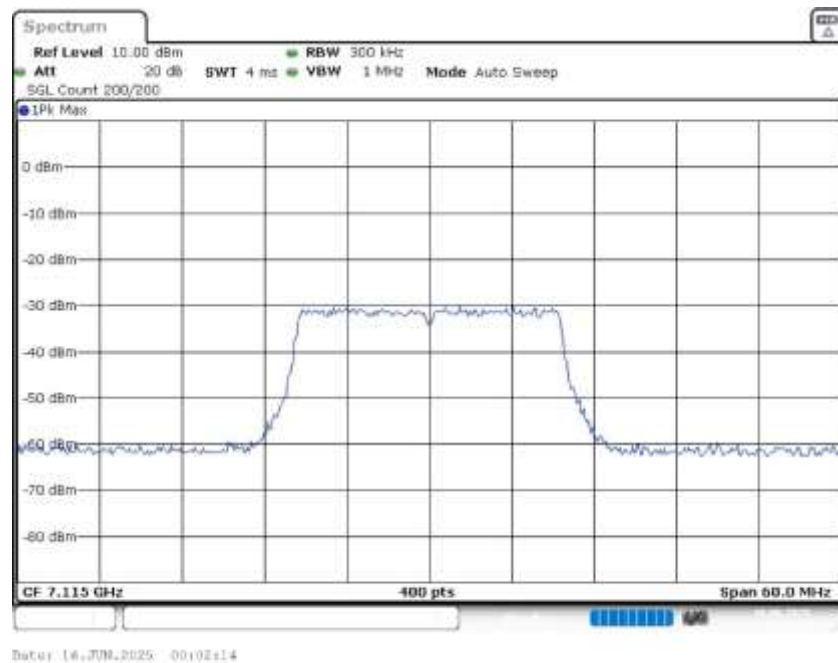
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7115.000000	23.700000	---	320.000000	7103.075000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7115.000000	7126.775000	---	-10.3	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.08500 GHz	7.08500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
Sweptime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

In-Band Emissions (7115 MHz; 24.000 dBm; 20 MHz)

Result

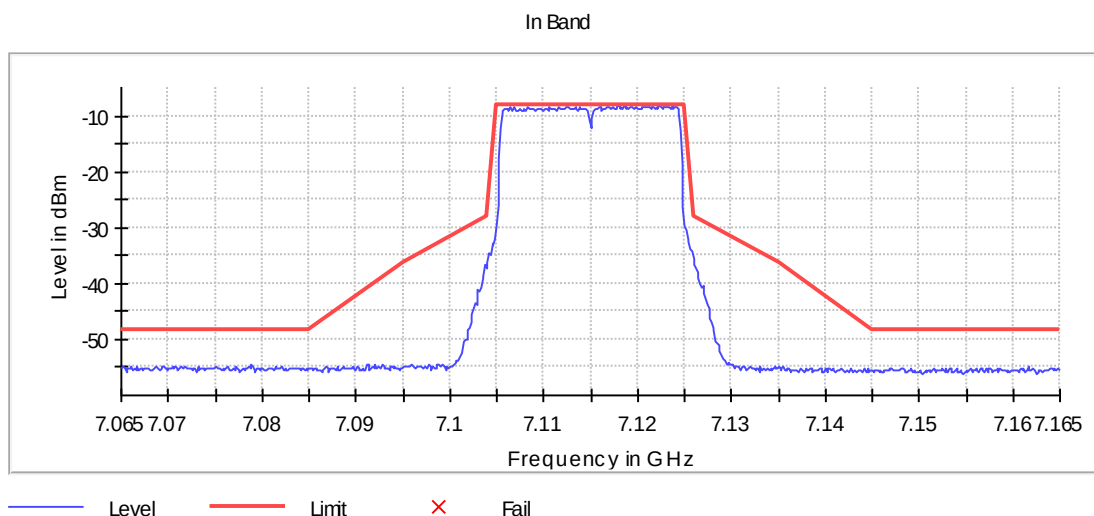
DUT Frequency (MHz)	Result
7115.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7117.998501	-8.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7122.346327	-8.2	0.0	-8.2	PASS
7118.598201	-8.2	0.1	-8.2	PASS
7123.695652	-8.3	0.1	-8.2	PASS
7122.796102	-8.3	0.2	-8.2	PASS
7116.799100	-8.3	0.2	-8.2	PASS
7119.797601	-8.4	0.2	-8.2	PASS
7124.145427	-8.4	0.2	-8.2	PASS
7123.395802	-8.4	0.2	-8.2	PASS
7117.398801	-8.4	0.2	-8.2	PASS
7110.652174	-8.4	0.2	-8.2	PASS
7122.046477	-8.4	0.2	-8.2	PASS
7123.995502	-8.4	0.3	-8.2	PASS
7119.347826	-8.4	0.3	-8.2	PASS
7121.146927	-8.4	0.3	-8.2	PASS
7120.547226	-8.4	0.3	-8.2	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	7.06500 GHz	7.06500 GHz
Stop Frequency	7.16500 GHz	7.16500 GHz
Span	100.000 MHz	100.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	667	~ 667
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

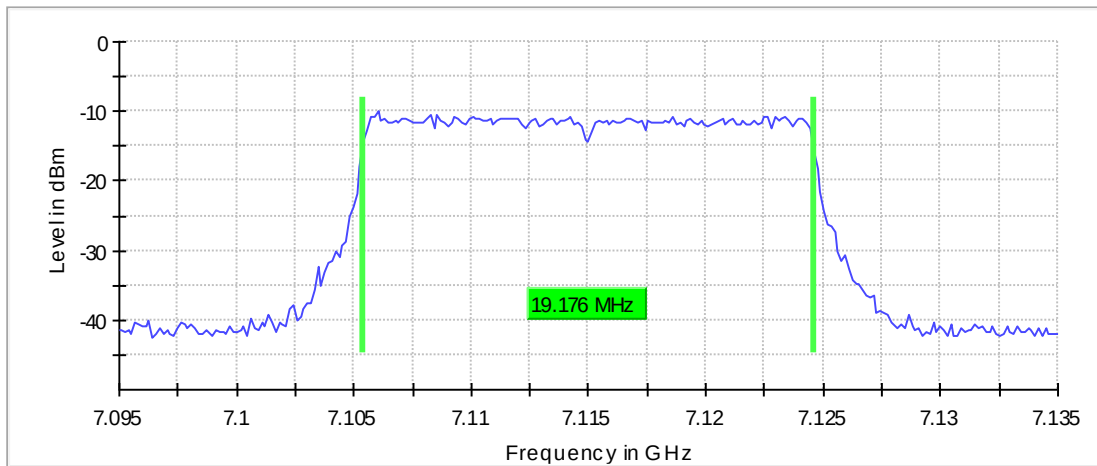
Occupied Channel Bandwidth 99% (7115 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

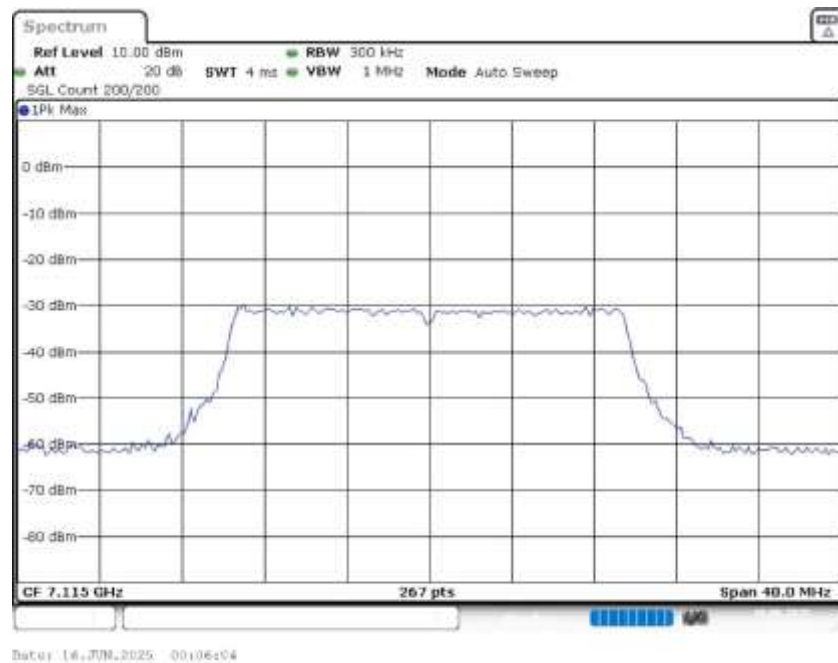
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7115.000000	19.176030	---	320.000000	7105.411985	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7115.000000	7124.588015	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.09500 GHz	7.09500 GHz
Stop Frequency	7.13500 GHz	7.13500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

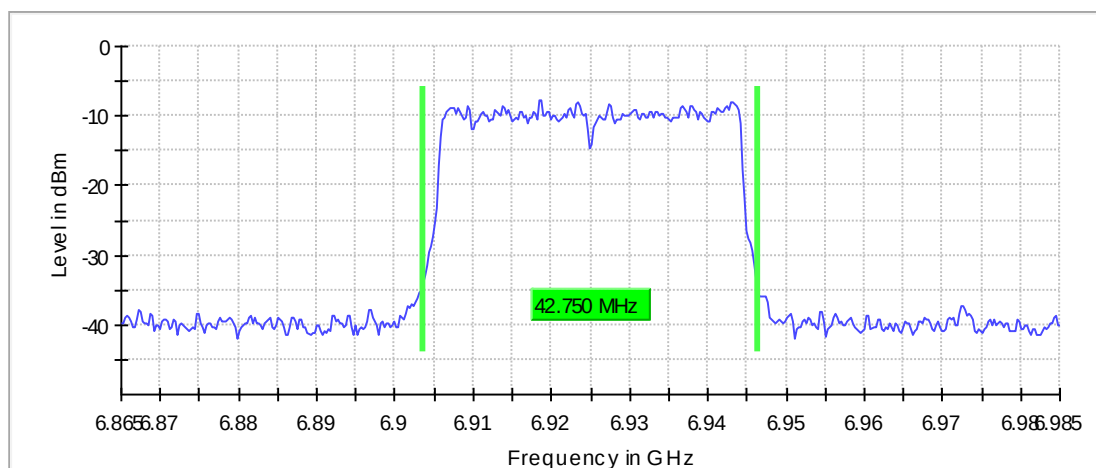
Emission Bandwidth 26 dB (6925 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

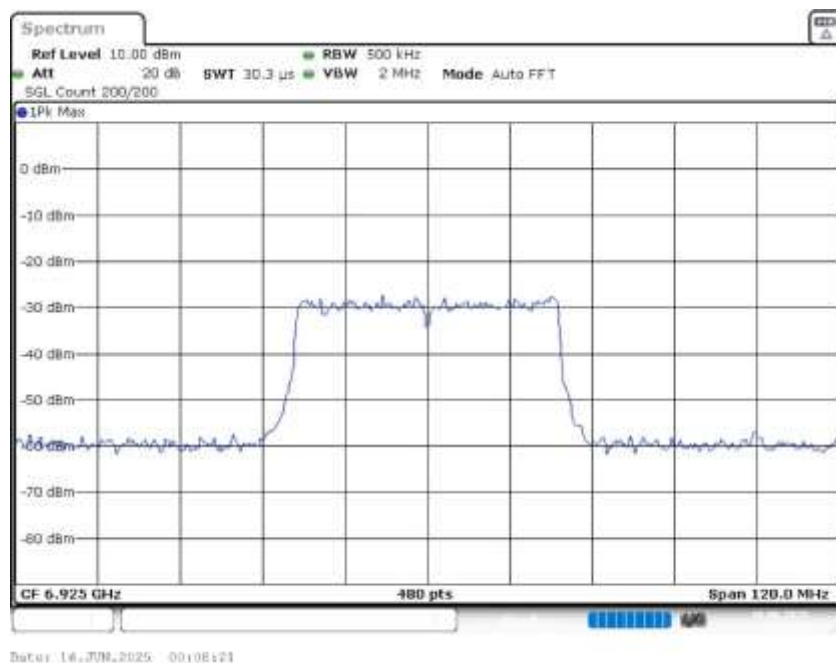
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6925.000000	42.750000	---	320.000000	6903.625000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6925.000000	6946.375000	---	-7.8	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.86500 GHz	6.86500 GHz
Stop Frequency	6.98500 GHz	6.98500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
SweepTime	30.250 μs	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (6925 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
6925.000000	PASS

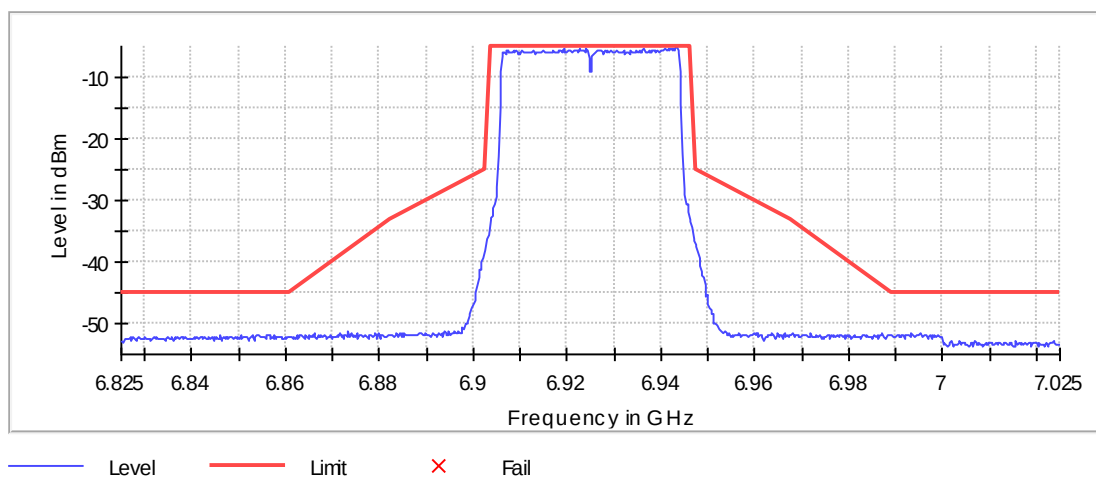
Inband Peak

Frequency (MHz)	Level (dBm)
6943.375000	-5.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6942.125000	-5.2	0.1	-5.1	PASS
6942.625000	-5.2	0.1	-5.1	PASS
6941.625000	-5.2	0.1	-5.1	PASS
6940.875000	-5.3	0.2	-5.1	PASS
6936.375000	-5.3	0.3	-5.1	PASS
6943.125000	-5.4	0.3	-5.1	PASS
6922.625000	-5.4	0.3	-5.1	PASS
6919.375000	-5.4	0.3	-5.1	PASS
6924.125000	-5.5	0.4	-5.1	PASS
6908.625000	-5.5	0.4	-5.1	PASS
6926.875000	-5.5	0.4	-5.1	PASS
6940.125000	-5.5	0.4	-5.1	PASS
6940.375000	-5.5	0.4	-5.1	PASS
6923.625000	-5.5	0.4	-5.1	PASS
6941.125000	-5.5	0.4	-5.1	PASS

In Band



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	7.02500 GHz	7.02500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

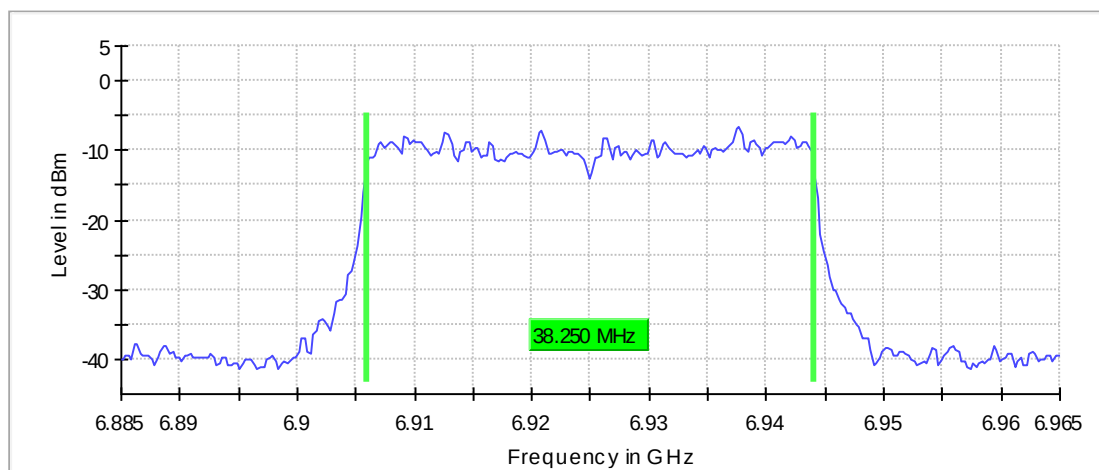
Occupied Channel Bandwidth 99% (6925 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

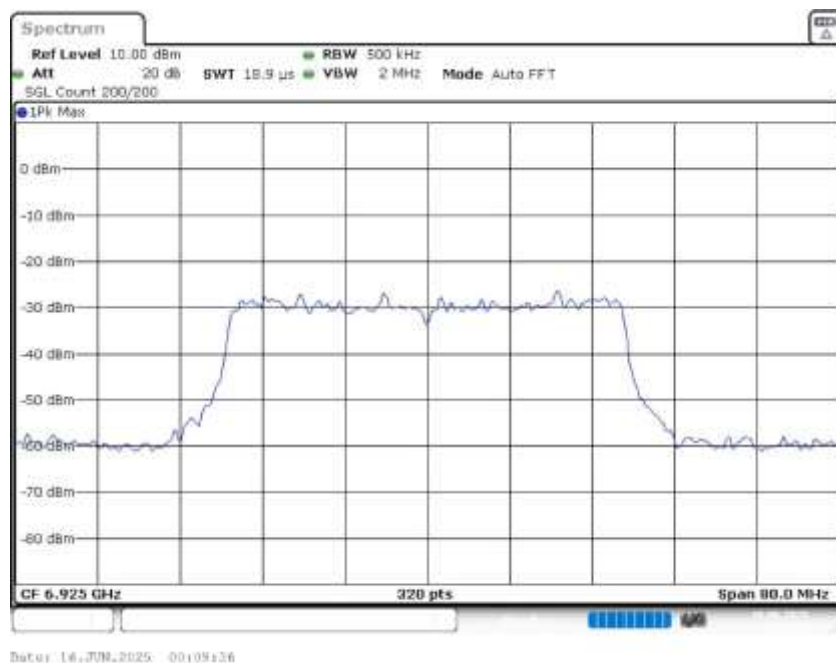
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6925.000000	38.250000	---	320.000000	6905.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6925.000000	6944.125000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

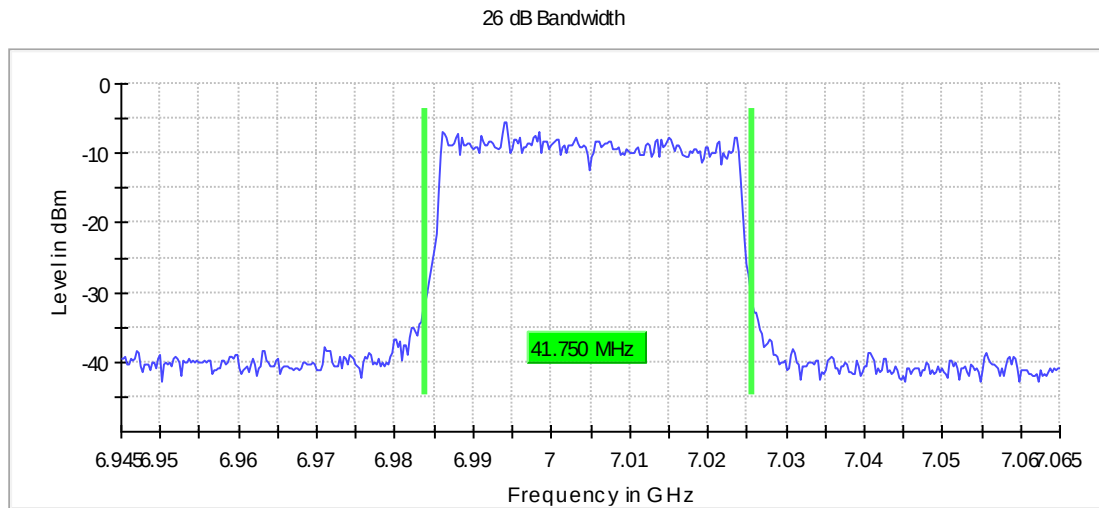
Setting	Instrument Value	Target Value
Start Frequency	6.88500 GHz	6.88500 GHz
Stop Frequency	6.96500 GHz	6.96500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	18.906 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (7005 MHz; 24.000 dBm; 40 MHz)

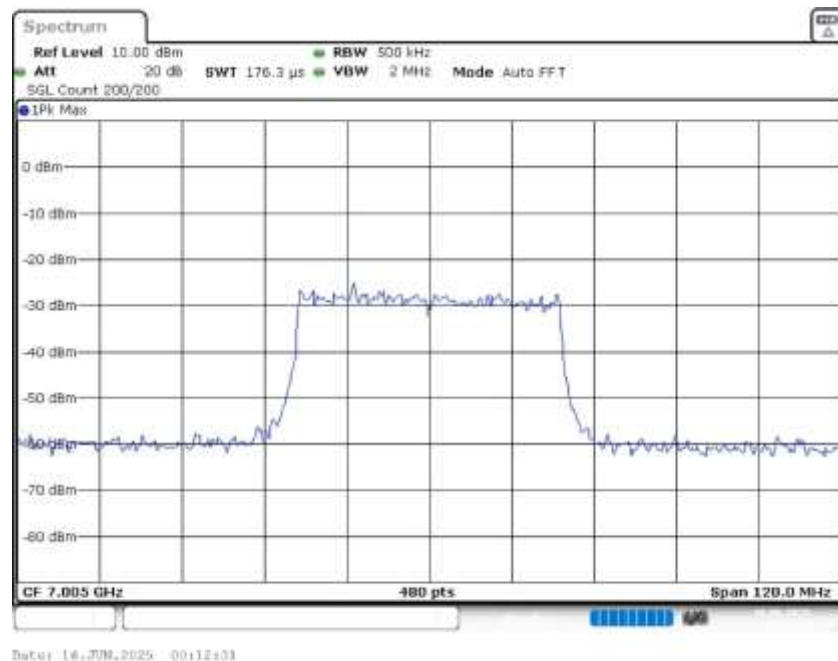
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7005.000000	41.750000	---	320.000000	6983.875000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7005.000000	7025.625000	---	-5.5	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.94500 GHz	6.94500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	≥ 500.000 kHz
VBW	2.000 MHz	≥ 1.500 MHz
SweepPoints	480	~ 480
Sweptime	176.250 μ s	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (7005 MHz; 24.000 dBm; 40 MHz)

Result

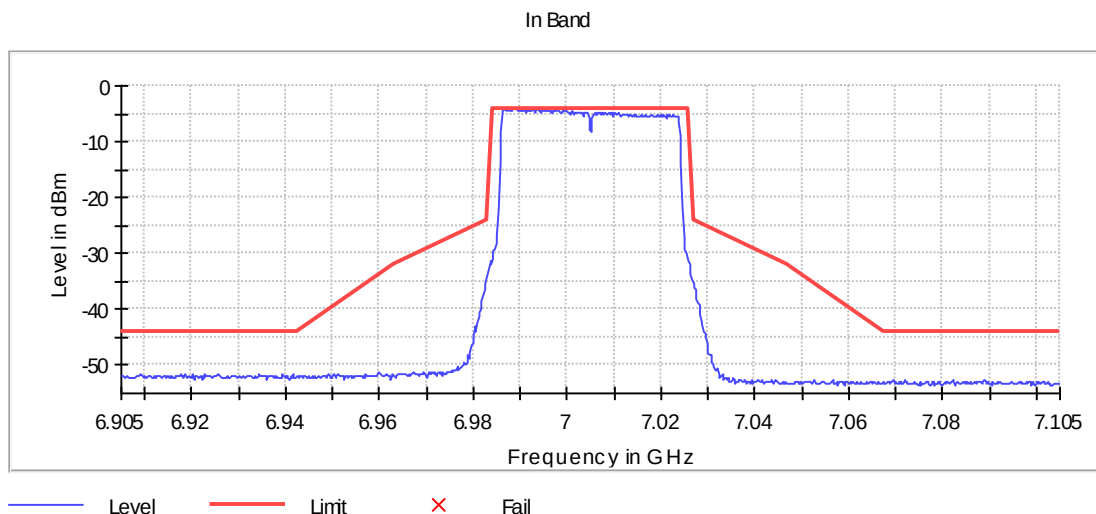
DUT Frequency (MHz)	Result
7005.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6987.625000	-4.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6987.625000	-4.1	0.0	-4.1	PASS
6988.625000	-4.1	0.0	-4.1	PASS
6992.875000	-4.1	0.0	-4.1	PASS
6993.625000	-4.2	0.1	-4.1	PASS
6987.125000	-4.2	0.1	-4.1	PASS
6989.125000	-4.2	0.1	-4.1	PASS
6988.375000	-4.2	0.1	-4.1	PASS
6998.125000	-4.2	0.1	-4.1	PASS
6991.125000	-4.2	0.1	-4.1	PASS
6994.625000	-4.2	0.2	-4.1	PASS
6986.625000	-4.2	0.2	-4.1	PASS
6988.875000	-4.3	0.2	-4.1	PASS
6989.625000	-4.3	0.3	-4.1	PASS
6989.875000	-4.3	0.3	-4.1	PASS
6999.125000	-4.3	0.3	-4.1	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.90500 GHz	6.90500 GHz
Stop Frequency	7.10500 GHz	7.10500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

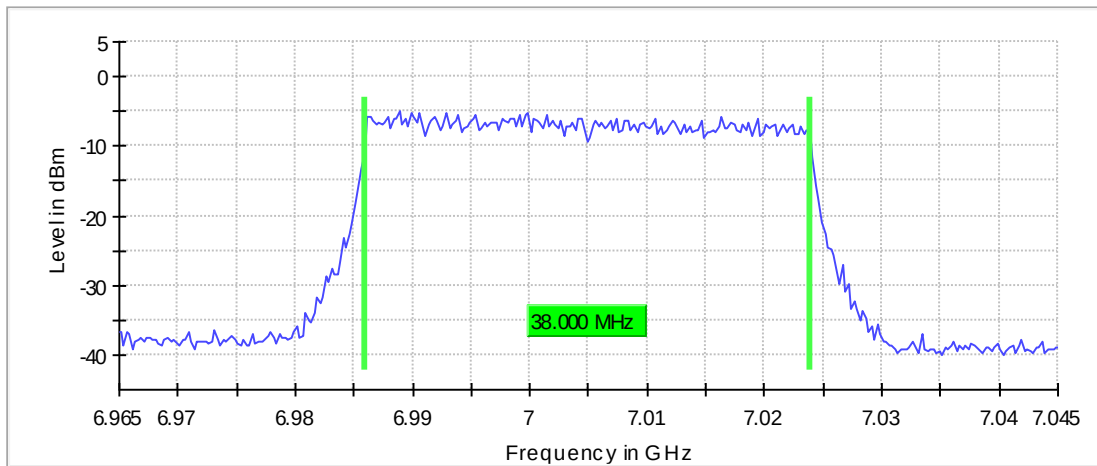
Occupied Channel Bandwidth 99% (7005 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

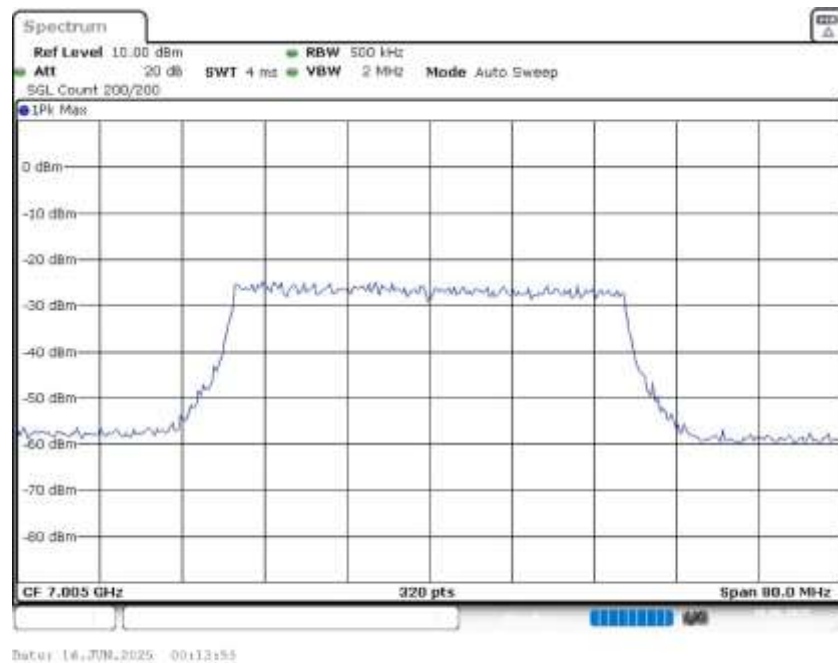
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7005.000000	38.000000	---	320.000000	6985.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7005.000000	7023.875000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.96500 GHz	6.96500 GHz
Stop Frequency	7.04500 GHz	7.04500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

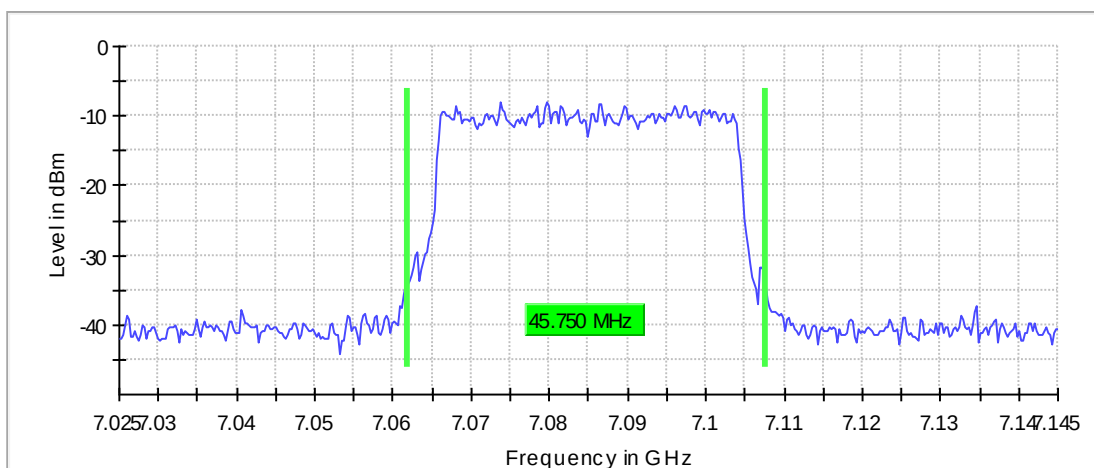
Emission Bandwidth 26 dB (7085 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

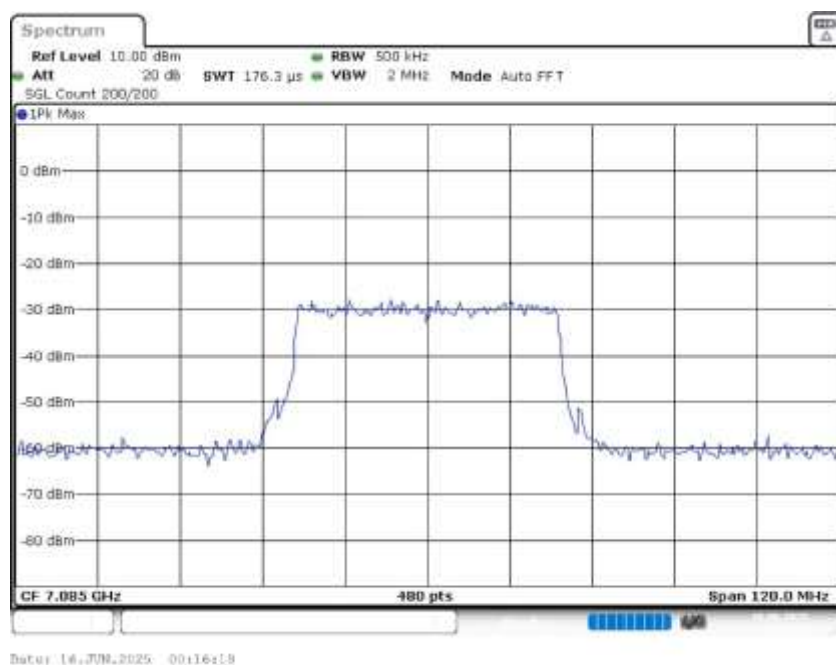
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7085.000000	45.750000	---	320.000000	7061.875000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7085.000000	7107.625000	---	-8.1	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.02500 GHz	7.02500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweptime	176.250 μs	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

In-Band Emissions (7085 MHz; 24.000 dBm; 40 MHz)

Result

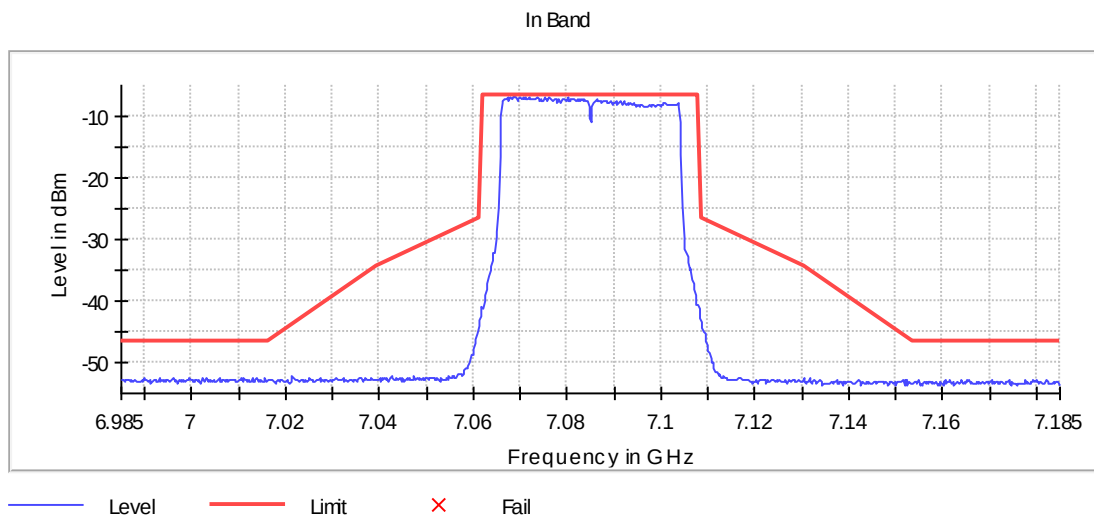
DUT Frequency (MHz)	Result
7085.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7068.625000	-6.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7068.625000	-6.5	0.0	-6.5	PASS
7071.875000	-6.7	0.2	-6.5	PASS
7071.125000	-6.8	0.3	-6.5	PASS
7070.125000	-6.8	0.3	-6.5	PASS
7080.125000	-6.9	0.4	-6.5	PASS
7067.875000	-6.9	0.4	-6.5	PASS
7069.875000	-6.9	0.4	-6.5	PASS
7067.375000	-6.9	0.4	-6.5	PASS
7075.125000	-7.0	0.5	-6.5	PASS
7073.625000	-7.0	0.5	-6.5	PASS
7069.125000	-7.0	0.5	-6.5	PASS
7076.125000	-7.0	0.5	-6.5	PASS
7068.875000	-7.0	0.5	-6.5	PASS
7070.625000	-7.0	0.5	-6.5	PASS
7068.375000	-7.0	0.5	-6.5	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.98500 GHz	6.98500 GHz
Stop Frequency	7.18500 GHz	7.18500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

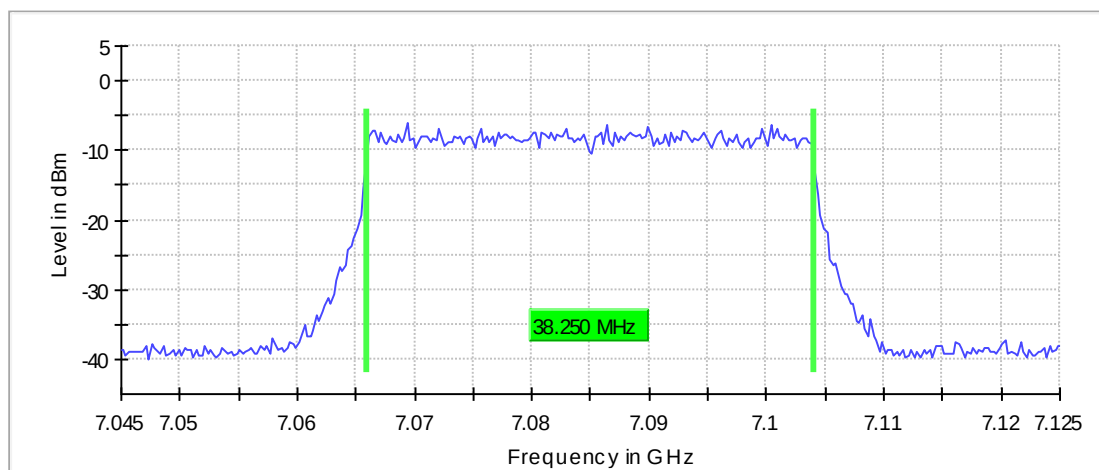
Occupied Channel Bandwidth 99% (7085 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

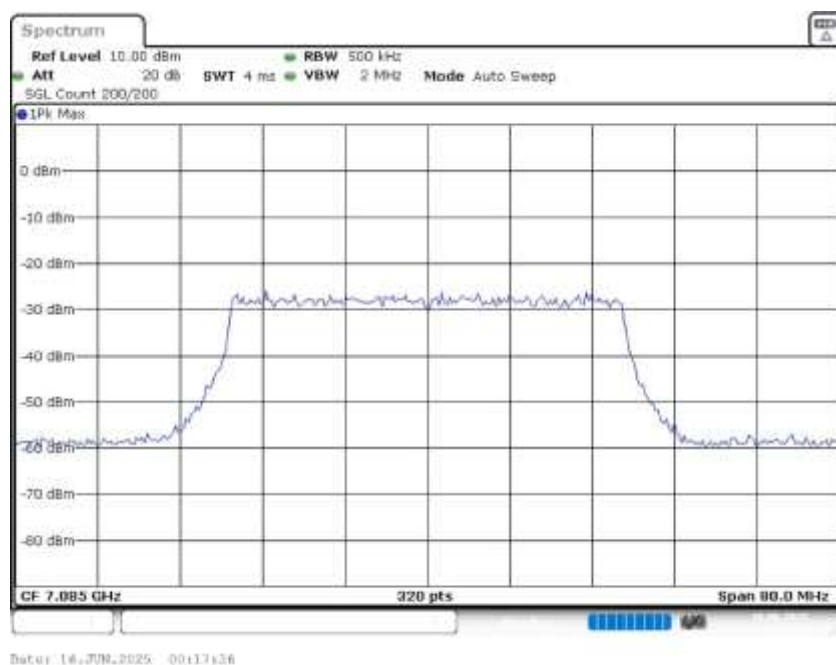
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7085.000000	38.250000	---	320.000000	7065.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7085.000000	7104.125000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.04500 GHz	7.04500 GHz
Stop Frequency	7.12500 GHz	7.12500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

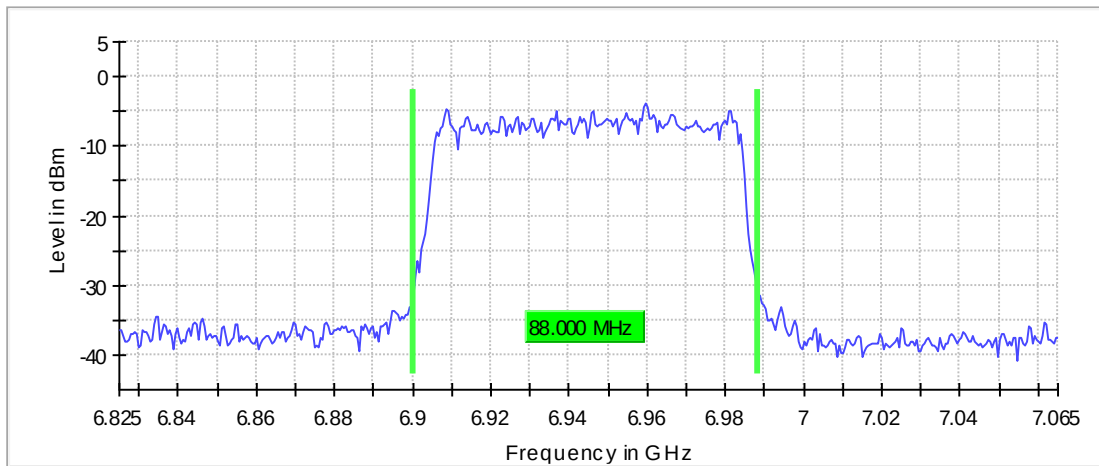
Emission Bandwidth 26 dB (6945 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

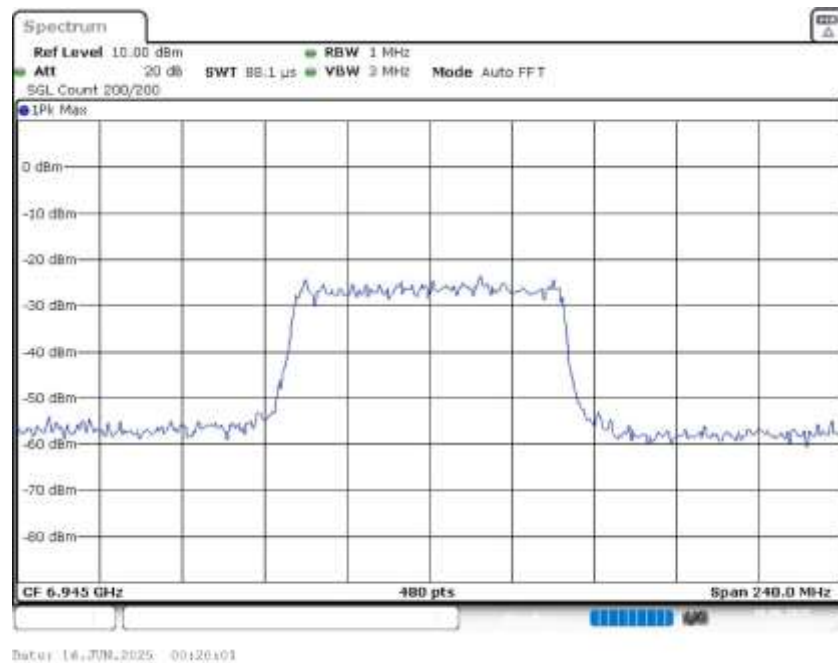
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6945.000000	88.000000	---	320.000000	6900.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6945.000000	6988.250000	---	-3.8	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	240.000 MHz	240.000 MHz
RBW	1.000 MHz	≥ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	480	~ 480
SweepTime	88.125 μ s	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (6945 MHz; 24.000 dBm; 80 MHz)

Result

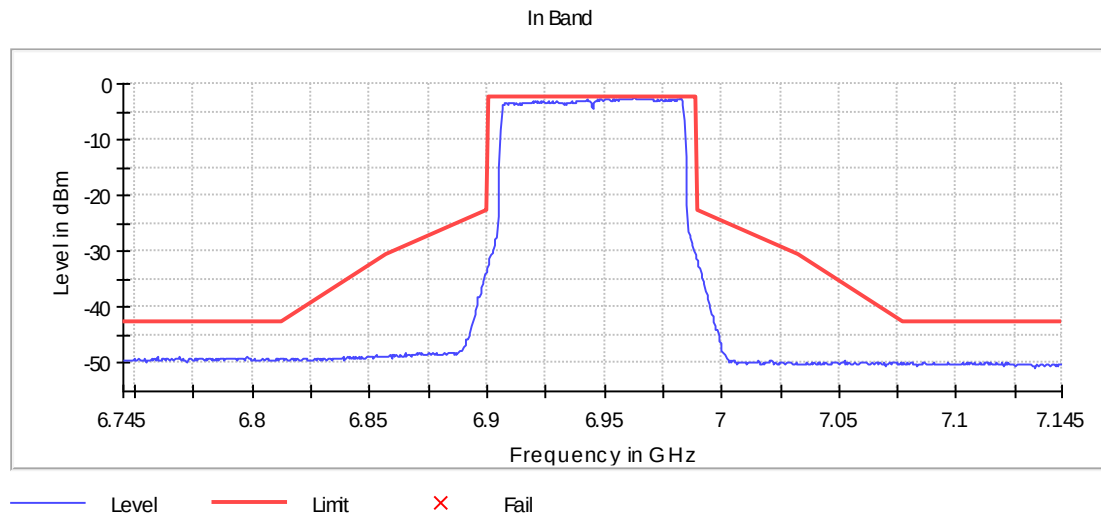
DUT Frequency (MHz)	Result
6945.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6982.750000	-2.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6962.750000	-2.6	0.0	-2.6	PASS
6962.250000	-2.6	0.0	-2.6	PASS
6959.250000	-2.6	0.0	-2.6	PASS
6961.250000	-2.6	0.0	-2.6	PASS
6950.750000	-2.6	0.0	-2.6	PASS
6965.250000	-2.6	0.0	-2.6	PASS
6953.750000	-2.6	0.1	-2.6	PASS
6963.250000	-2.6	0.1	-2.6	PASS
6964.750000	-2.7	0.1	-2.6	PASS
6964.250000	-2.7	0.1	-2.6	PASS
6982.250000	-2.7	0.1	-2.6	PASS
6966.750000	-2.7	0.1	-2.6	PASS
6948.250000	-2.7	0.1	-2.6	PASS
6980.250000	-2.7	0.1	-2.6	PASS
6967.750000	-2.7	0.1	-2.6	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.74500 GHz	6.74500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	400.000 MHz	400.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

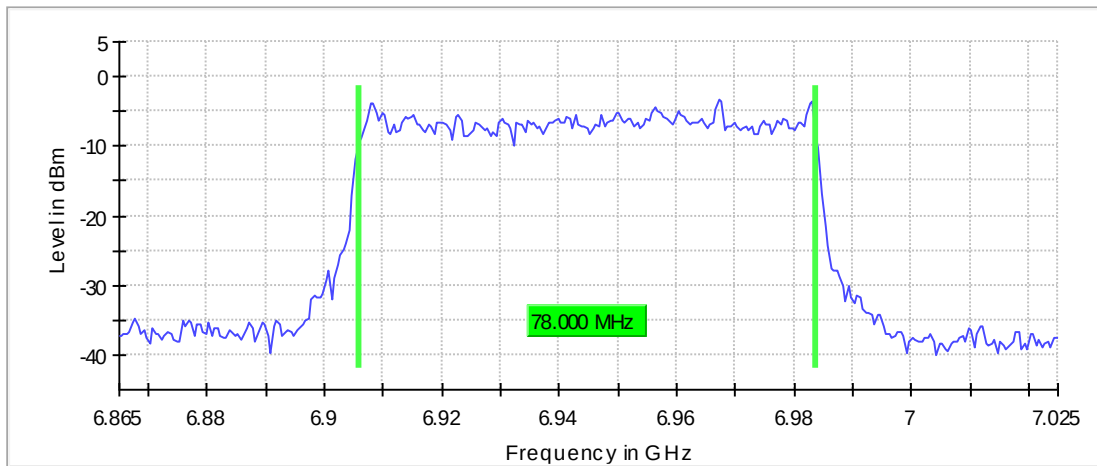
Occupied Channel Bandwidth 99% (6945 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

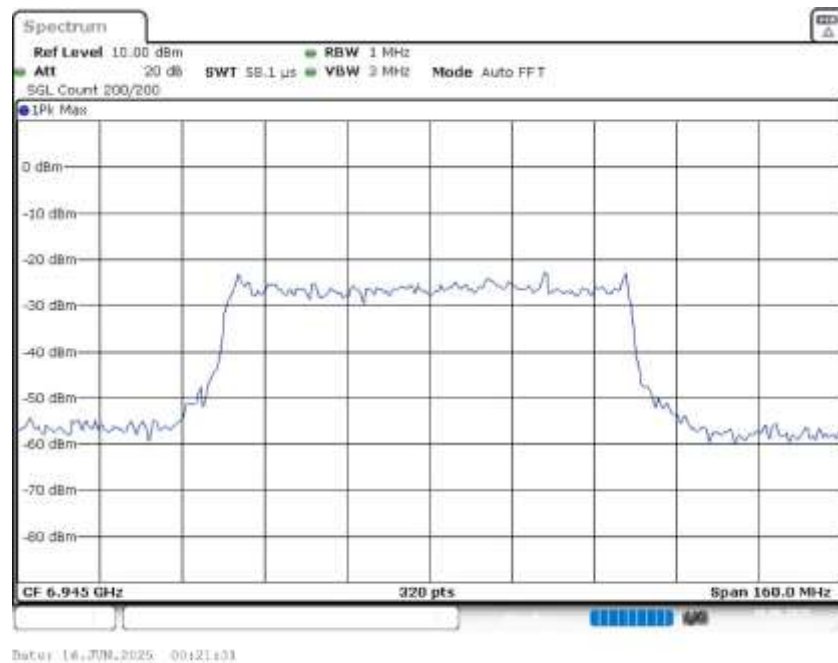
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6945.000000	78.000000	---	320.000000	6905.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6945.000000	6983.750000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.86500 GHz	6.86500 GHz
Stop Frequency	7.02500 GHz	7.02500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
SweepTime	58.125 μ s	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

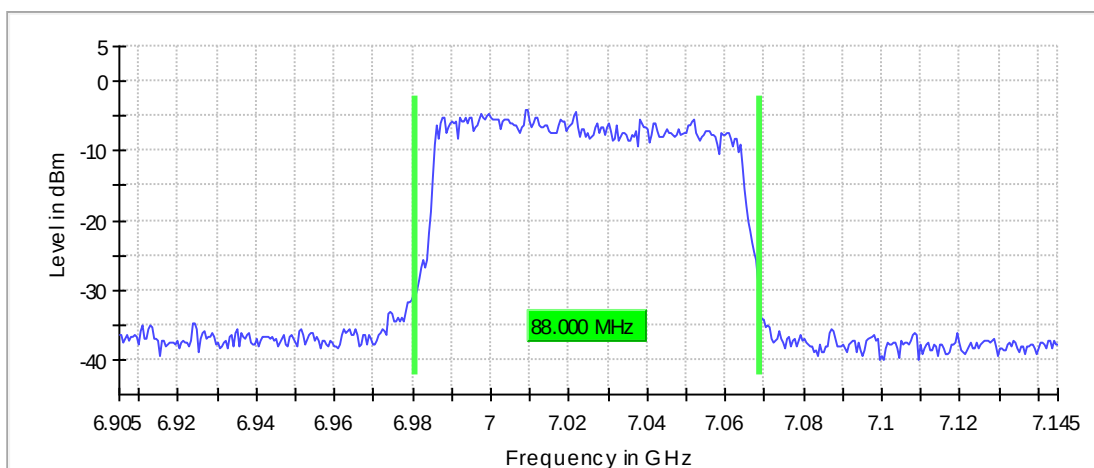
Emission Bandwidth 26 dB (7025 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

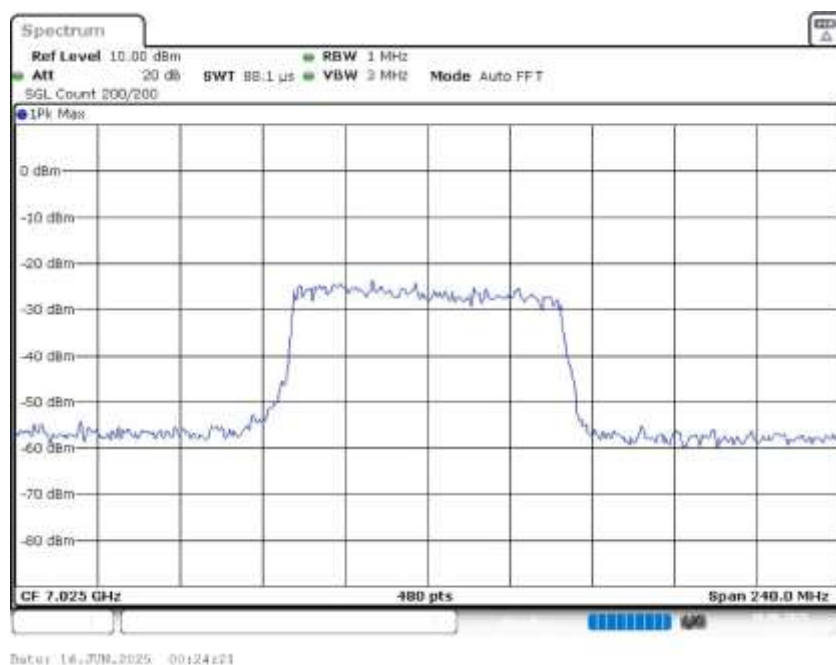
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7025.000000	88.000000	---	320.000000	6980.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7025.000000	7068.750000	---	-4.1	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.90500 GHz	6.90500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	240.000 MHz	240.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	480	~ 480
SweepTime	88.125 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (7025 MHz; 24.000 dBm; 80 MHz)

Result

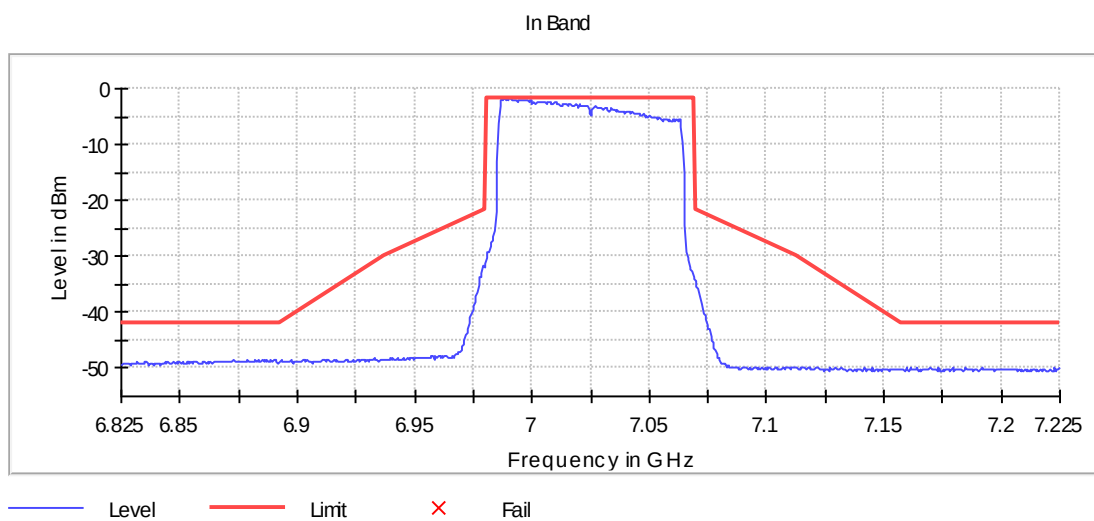
DUT Frequency (MHz)	Result
7025.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6990.250000	-1.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6987.250000	-1.8	0.0	-1.8	PASS
6988.250000	-1.8	0.1	-1.8	PASS
6990.750000	-1.9	0.1	-1.8	PASS
6989.250000	-1.9	0.1	-1.8	PASS
6999.250000	-1.9	0.2	-1.8	PASS
6988.750000	-2.0	0.2	-1.8	PASS
6992.250000	-2.0	0.2	-1.8	PASS
6987.750000	-2.0	0.2	-1.8	PASS
6998.250000	-2.0	0.2	-1.8	PASS
6992.750000	-2.0	0.2	-1.8	PASS
6994.250000	-2.0	0.2	-1.8	PASS
6989.750000	-2.0	0.2	-1.8	PASS
6991.750000	-2.0	0.2	-1.8	PASS
6996.250000	-2.1	0.3	-1.8	PASS
6995.750000	-2.1	0.3	-1.8	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	7.22500 GHz	7.22500 GHz
Span	400.000 MHz	400.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

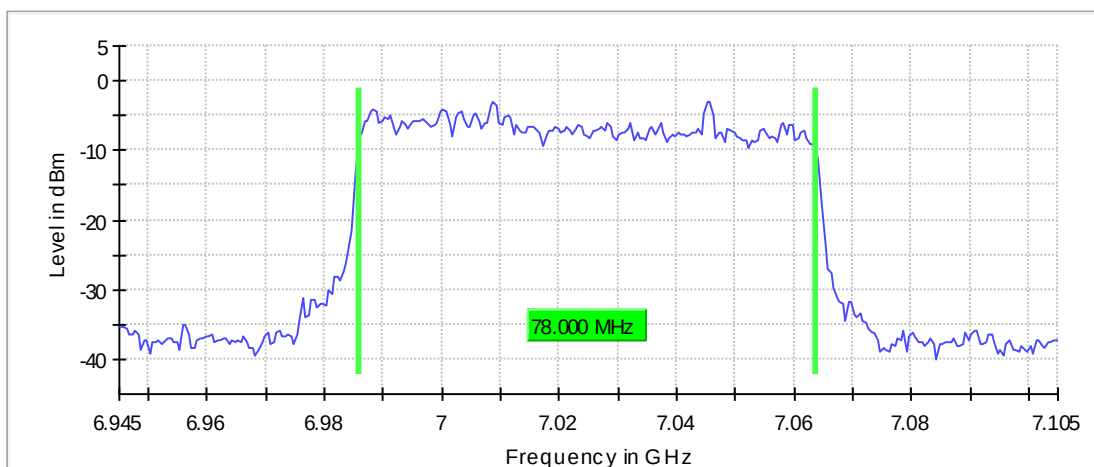
Occupied Channel Bandwidth 99% (7025 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

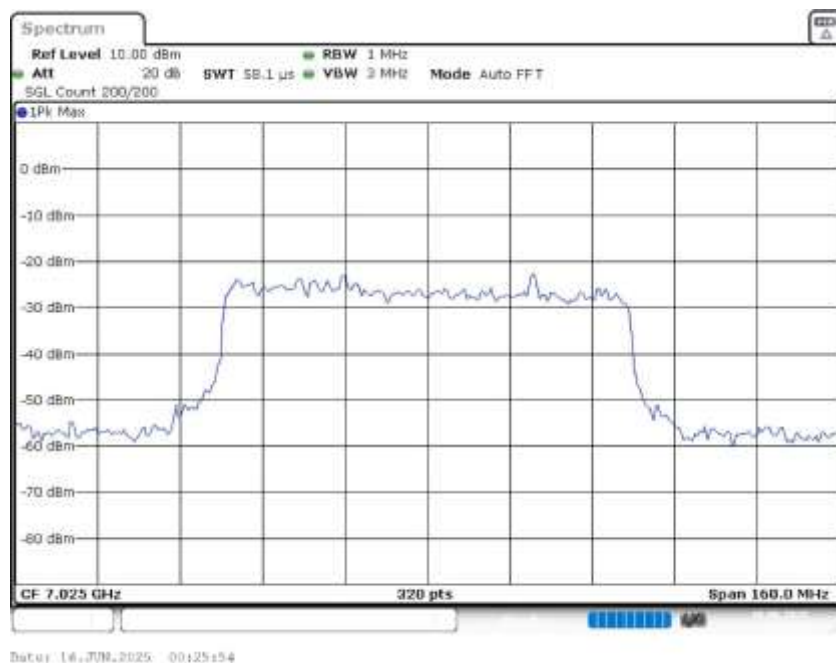
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7025.000000	78.000000	---	320.000000	6985.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7025.000000	7063.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.94500 GHz	6.94500 GHz
Stop Frequency	7.10500 GHz	7.10500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	≥ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	320	~ 320
SweepTime	58.125 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

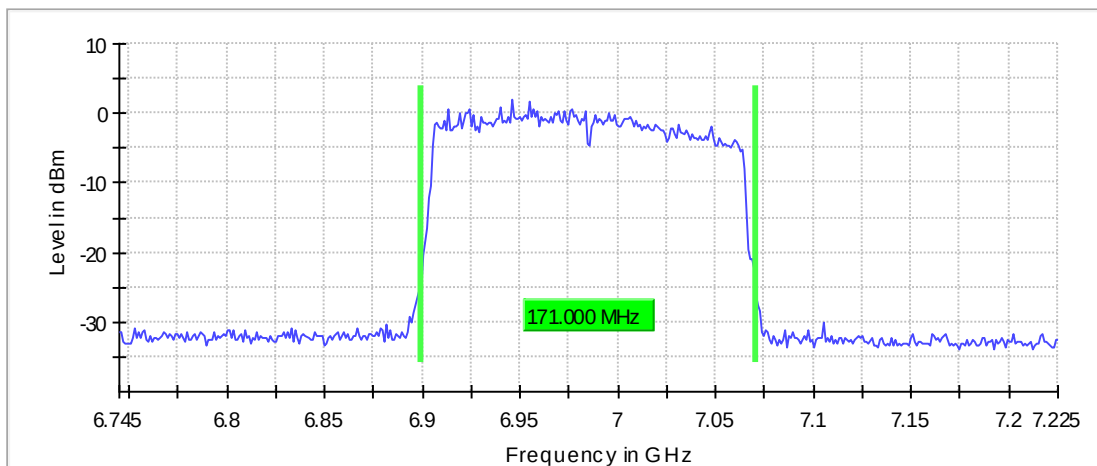
Emission Bandwidth 26 dB (6985 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

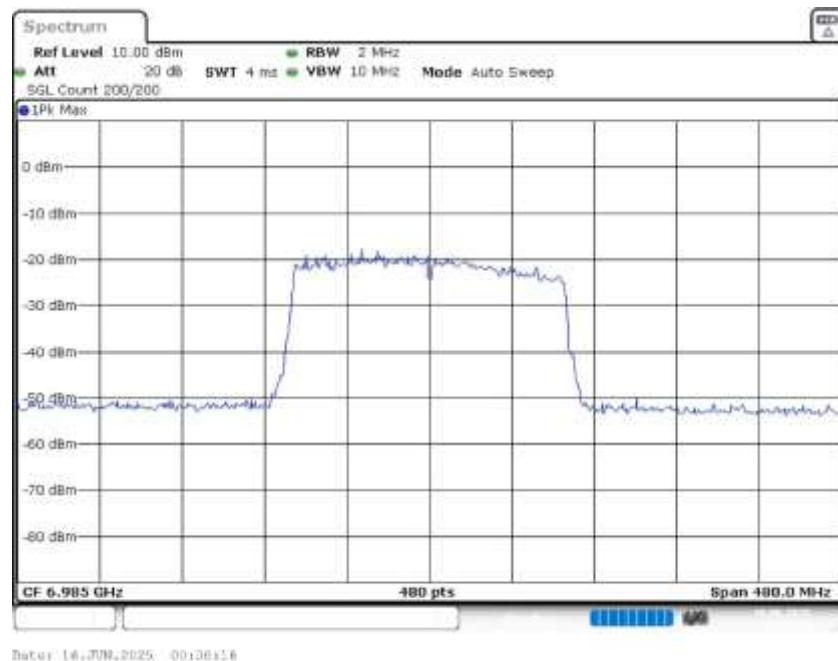
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6985.000000	171.000000	---	320.000000	6899.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6985.000000	7070.500000	---	1.9	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.74500 GHz	6.74500 GHz
Stop Frequency	7.22500 GHz	7.22500 GHz
Span	480.000 MHz	480.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	480	~ 480
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

In-Band Emissions (6985 MHz; 24.000 dBm; 160 MHz)

Result

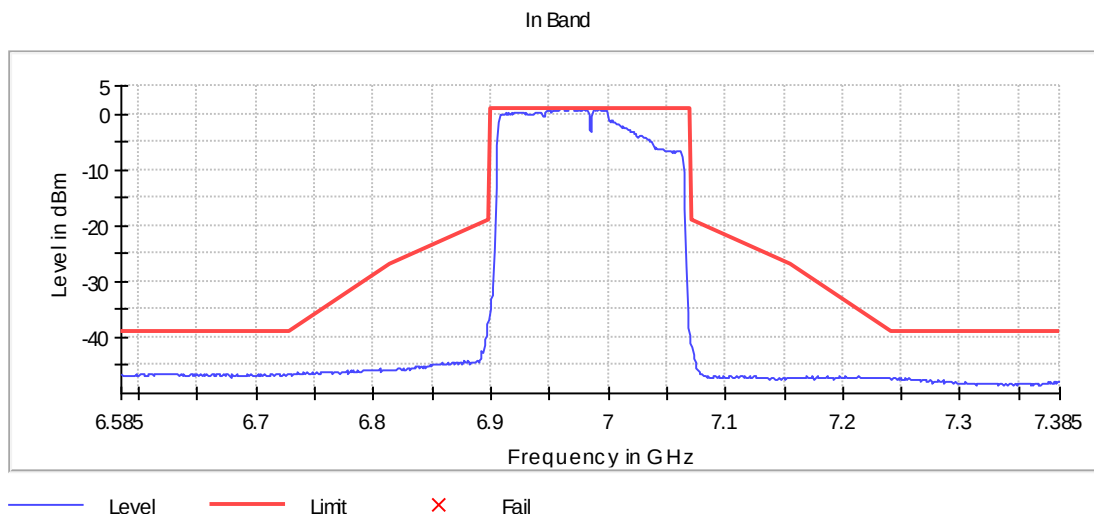
DUT Frequency (MHz)	Result
6985.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6981.500000	0.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6981.500000	0.9	0.0	0.9	PASS
6988.500000	0.9	0.1	0.9	PASS
6969.500000	0.9	0.1	0.9	PASS
6962.500000	0.8	0.1	0.9	PASS
6979.500000	0.8	0.1	0.9	PASS
6970.500000	0.8	0.1	0.9	PASS
6990.500000	0.7	0.2	0.9	PASS
6975.500000	0.7	0.2	0.9	PASS
6961.500000	0.7	0.2	0.9	PASS
6978.500000	0.7	0.2	0.9	PASS
6992.500000	0.7	0.2	0.9	PASS
6959.500000	0.7	0.2	0.9	PASS
6966.500000	0.7	0.2	0.9	PASS
6968.500000	0.7	0.2	0.9	PASS
6960.500000	0.7	0.2	0.9	PASS



Measurement 1

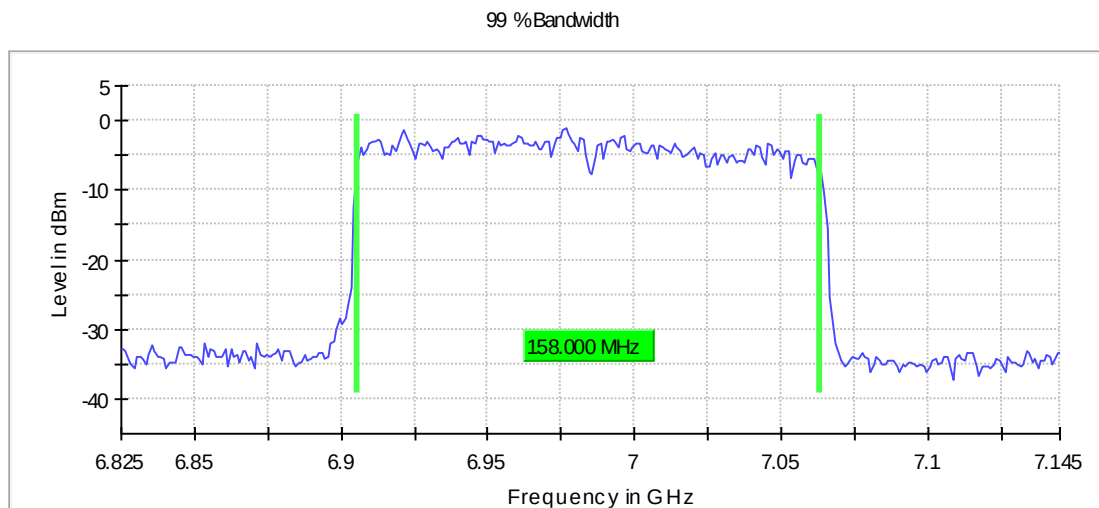
Setting	Instrument Value	Target Value
Start Frequency	6.58500 GHz	6.58500 GHz
Stop Frequency	7.38500 GHz	7.38500 GHz
Span	800.000 MHz	800.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	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% (6985 MHz; 24.000 dBm; 160 MHz)

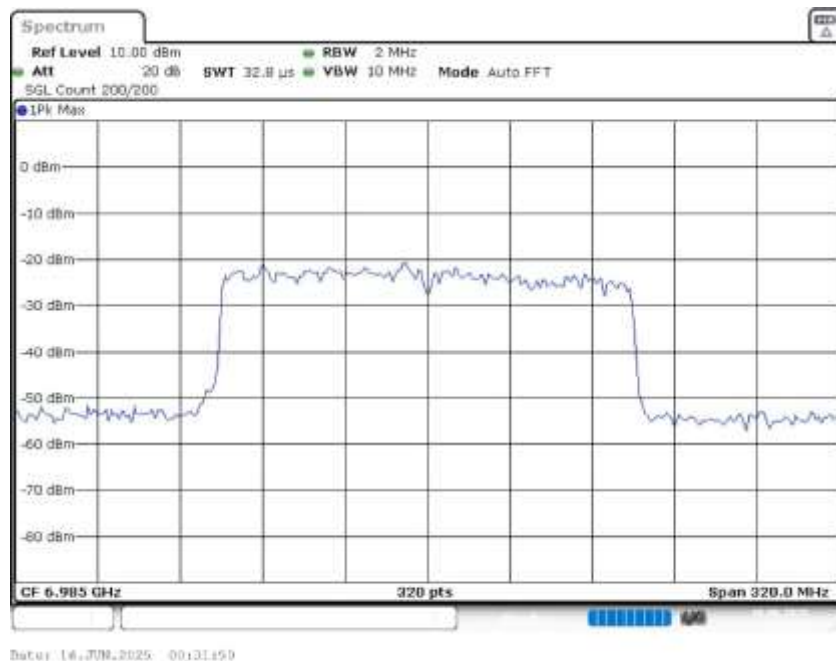
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6985.000000	158.000000	---	320.000000	6905.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6985.000000	7063.500000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320
Sweptime	32.813 μ s	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Tx Spurious Emission (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

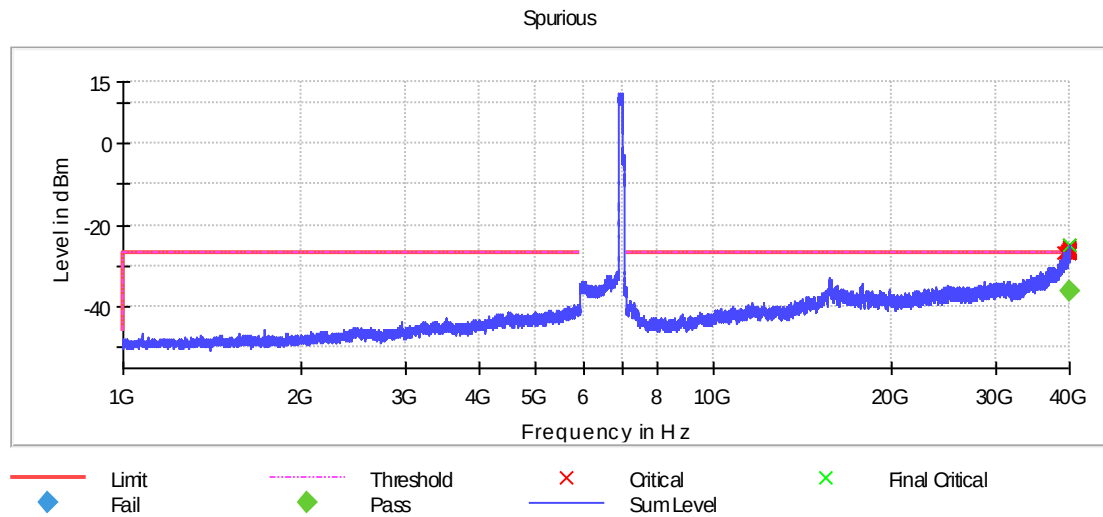
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
39937.250000	-25.0	-36.3	-27.0	9.3	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39937.250000	-25.0	-2.0	-27.0
39937.750000	-25.5	-1.5	-27.0
39992.750000	-25.7	-1.3	-27.0
39991.750000	-25.9	-1.1	-27.0
39974.750000	-26.0	-1.0	-27.0
39917.750000	-26.0	-1.0	-27.0
39949.250000	-26.0	-1.0	-27.0
39962.750000	-26.0	-1.0	-27.0
39929.250000	-26.1	-0.9	-27.0
39951.250000	-26.1	-0.9	-27.0
39975.250000	-26.2	-0.8	-27.0
39973.750000	-26.2	-0.8	-27.0
39965.750000	-26.2	-0.8	-27.0
39881.250000	-26.3	-0.7	-27.0
39952.250000	-26.3	-0.7	-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



Emissions in restricted frequency bands (Average) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

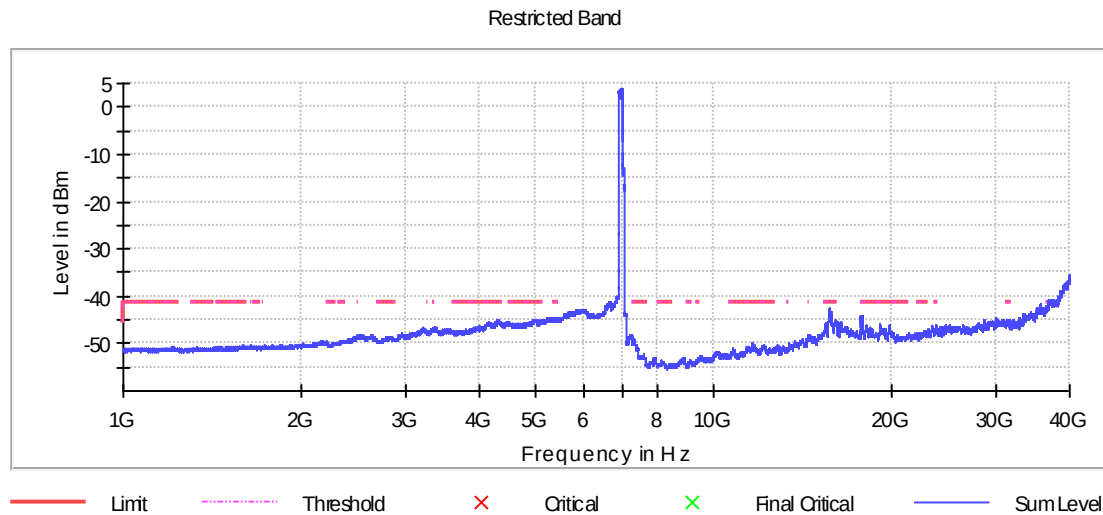
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36496.265742	-42.6	1.4	-41.2
36499.015656	-42.7	1.5	-41.2
15731.250000	-42.7	1.5	-41.2
15726.250000	-42.7	1.5	-41.2
36497.640699	-42.7	1.5	-41.2
36486.641042	-42.7	1.5	-41.2
36492.140871	-42.7	1.5	-41.2
36476.328865	-42.7	1.5	-41.2
36481.828693	-42.7	1.5	-41.2
36499.703134	-42.7	1.5	-41.2
36491.453392	-42.8	1.6	-41.2
36496.953220	-42.8	1.6	-41.2
36466.704165	-42.8	1.6	-41.2
36481.141214	-42.8	1.6	-41.2
36467.391644	-42.8	1.6	-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) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

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

Pre Measurements

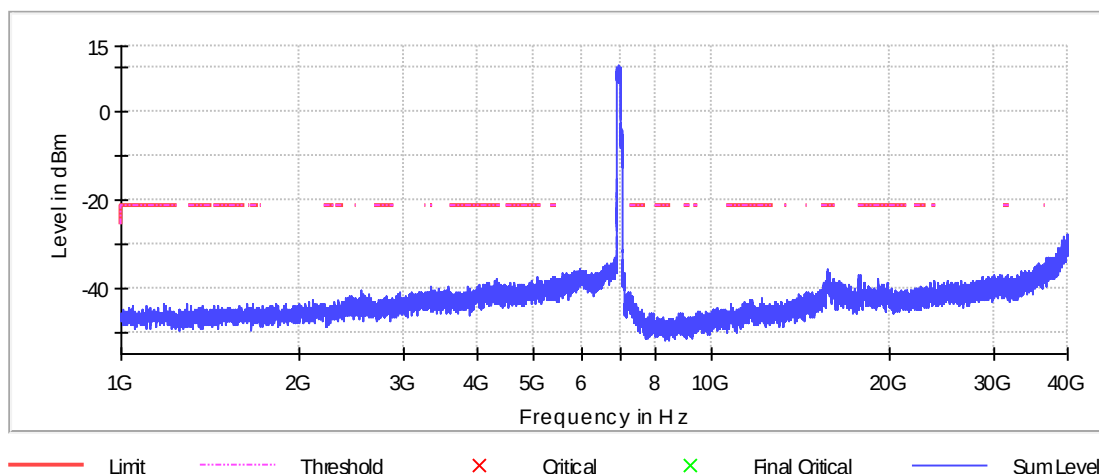
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36454.329552	-35.6	14.4	-21.2
36481.828693	-35.6	14.4	-21.2
36489.390957	-35.6	14.4	-21.2
36472.891472	-35.7	14.5	-21.2
36479.766257	-35.7	14.5	-21.2
36474.266429	-35.8	14.6	-21.2
36488.703478	-35.8	14.6	-21.2
36495.578263	-35.9	14.7	-21.2
15724.250000	-36.0	14.8	-21.2
36463.954251	-36.0	14.8	-21.2

15724.750000	-36.0	14.8	-21.2
15723.250000	-36.2	15.0	-21.2
36471.516515	-36.3	15.1	-21.2
36433.017718	-36.3	15.1	-21.2
15713.250000	-36.3	15.1	-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



In-Band Emissions (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Inband Peak

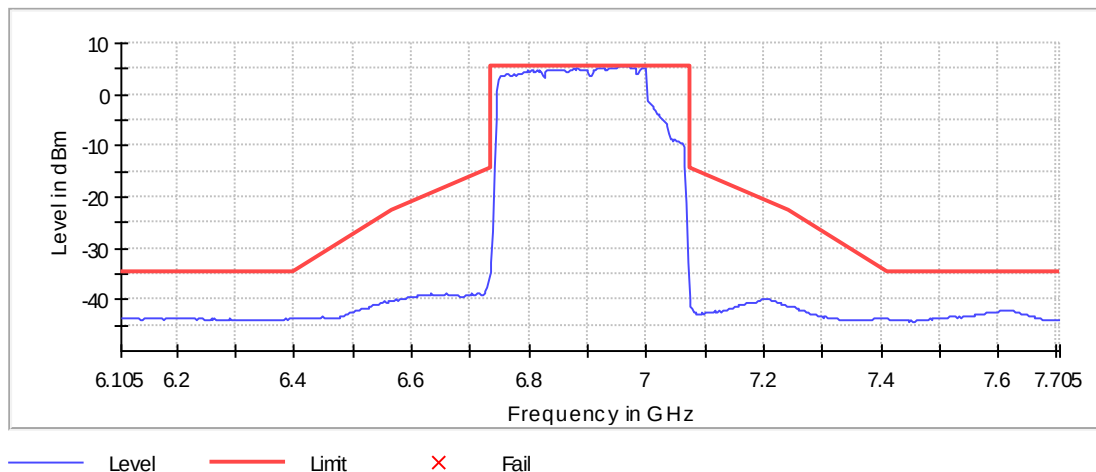
Frequency (MHz)	Level (dBm)
6958.750000	5.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6958.750000	5.5	0.0	5.5	PASS
6963.750000	5.5	0.0	5.5	PASS
6966.250000	5.5	0.0	5.5	PASS
6956.250000	5.5	0.0	5.5	PASS
6961.250000	5.5	0.1	5.5	PASS
6968.750000	5.4	0.1	5.5	PASS

6951.250000	5.4	0.2	5.5	PASS
6953.750000	5.4	0.2	5.5	PASS
6971.250000	5.3	0.2	5.5	PASS
6948.750000	5.3	0.2	5.5	PASS
6973.750000	5.3	0.3	5.5	PASS
6978.750000	5.2	0.3	5.5	PASS
6976.250000	5.2	0.3	5.5	PASS
6923.750000	5.2	0.4	5.5	PASS
6991.250000	5.2	0.4	5.5	PASS

In Band



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.10500 GHz	6.10500 GHz
Stop Frequency	7.70500 GHz	7.70500 GHz
Span	1.600 GHz	1.600 GHz
RBW	5.000 MHz	>= 5.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	640	~ 640
SweepTime	6.400 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

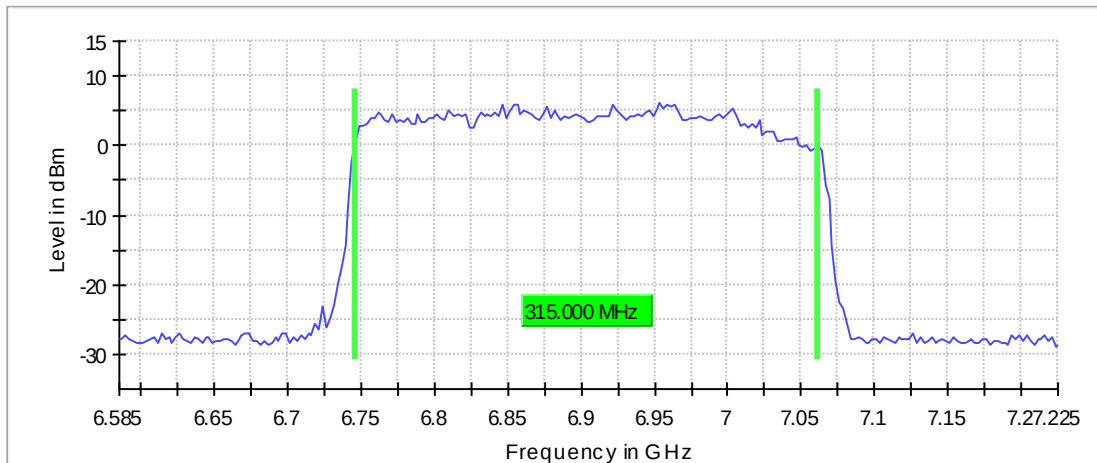
Occupied Channel Bandwidth 99% (6905 MHz; 24.000 dBm; 320 MHz)

99 % Bandwidth

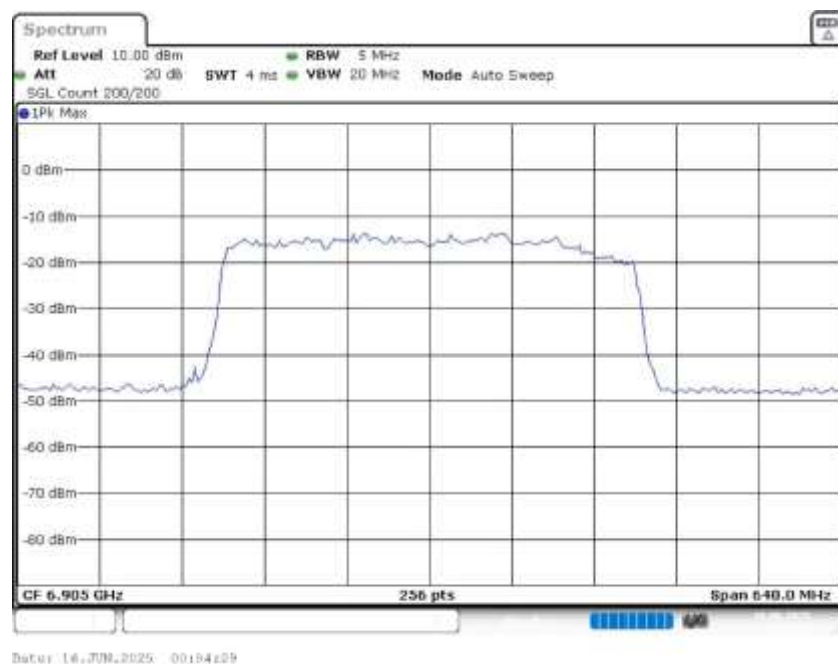
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6905.000000	315.000000	128.750000	186.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6905.000000	6746.250000	5925.000000	7061.250000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.58500 GHz	6.58500 GHz
Stop Frequency	7.22500 GHz	7.22500 GHz

Span	640.000 MHz	640.000 MHz
RBW	5.000 MHz	>= 5.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	256	~ 256
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Tx Spurious Emission (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

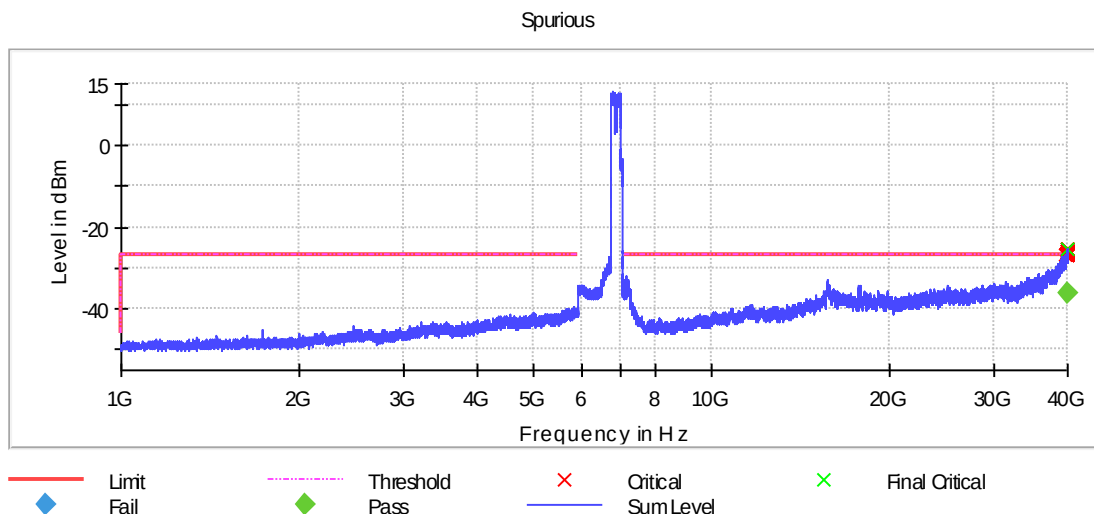
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
39984.250000	-25.4	-36.1	-27.0	9.1	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39984.250000	-25.4	-1.6	-27.0
39955.250000	-25.5	-1.5	-27.0
39988.750000	-25.5	-1.5	-27.0
39949.250000	-25.6	-1.4	-27.0
39949.750000	-25.6	-1.4	-27.0
39964.250000	-25.7	-1.3	-27.0
39979.250000	-25.7	-1.3	-27.0
39970.750000	-25.8	-1.2	-27.0
39957.750000	-25.9	-1.1	-27.0
39985.750000	-25.9	-1.1	-27.0
39954.750000	-26.0	-1.0	-27.0
39996.750000	-26.0	-1.0	-27.0
39950.250000	-26.1	-0.9	-27.0
39999.250000	-26.2	-0.8	-27.0
39985.250000	-26.2	-0.8	-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



Emissions in restricted frequency bands (Average) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

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

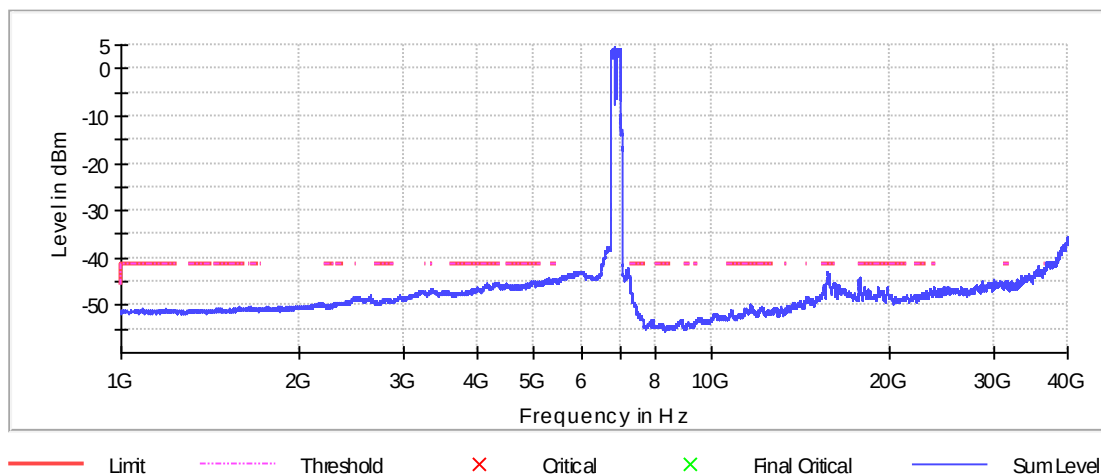
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36494.890785	-42.7	1.5	-41.2
36495.578263	-42.7	1.5	-41.2
36488.016000	-42.7	1.5	-41.2
36497.640699	-42.7	1.5	-41.2
36484.578607	-42.7	1.5	-41.2
36490.765914	-42.7	1.5	-41.2
36499.015656	-42.7	1.5	-41.2
36498.328177	-42.7	1.5	-41.2
15726.750000	-42.7	1.5	-41.2
36479.766257	-42.7	1.5	-41.2
36489.390957	-42.8	1.6	-41.2
36483.203650	-42.8	1.6	-41.2
36485.266085	-42.8	1.6	-41.2
36493.515828	-42.8	1.6	-41.2
36488.703478	-42.8	1.6	-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



Emissions in restricted frequency bands (Peak) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

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

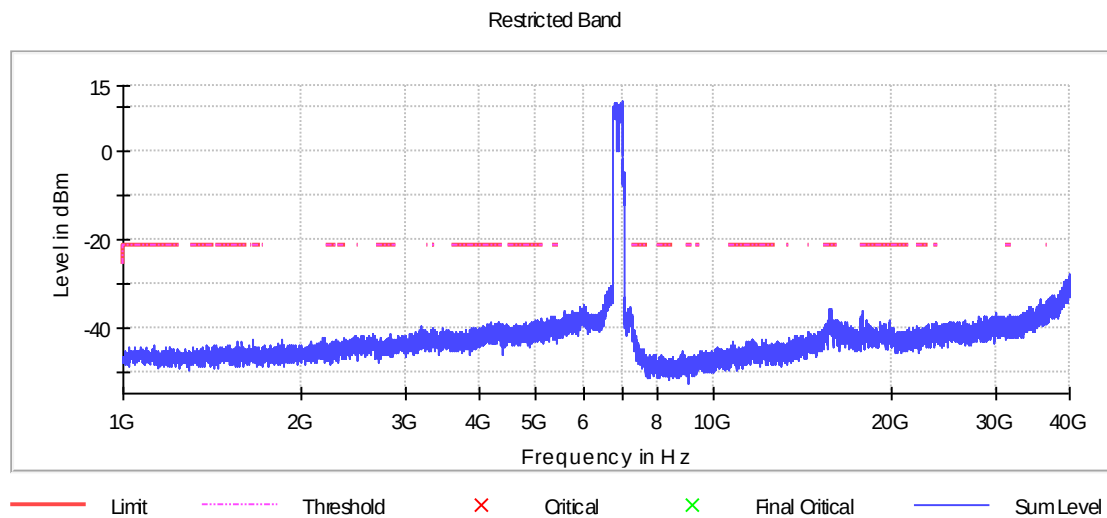
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36463.266773	-35.1	13.9	-21.2
36448.829724	-35.2	14.0	-21.2
36492.140871	-35.4	14.2	-21.2
15733.750000	-35.6	14.4	-21.2
15703.750000	-35.6	14.4	-21.2
36498.328177	-35.7	14.5	-21.2
36479.078779	-35.8	14.6	-21.2
15756.250000	-35.8	14.6	-21.2
36486.641042	-35.9	14.7	-21.2
15712.250000	-35.9	14.7	-21.2
36477.016343	-35.9	14.7	-21.2
15755.750000	-35.9	14.7	-21.2
15701.750000	-36.0	14.8	-21.2

36499.015656	-36.0	14.8	-21.2
36474.266429	-36.0	14.8	-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



Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emissions in restricted frequency bands (Average)	7115.000	24.0	20.000000	PASS
Emissions in restricted frequency bands (Peak)	7115.000	24.0	20.000000	PASS
Emissions in restricted frequency bands (Average)	7085.000	24.0	40.000000	PASS
Emissions in restricted frequency bands (Peak)	7085.000	24.0	40.000000	PASS
Emissions in restricted frequency bands (Average)	7025.000	24.0	80.000000	PASS
Emissions in restricted frequency bands (Peak)	7025.000	24.0	80.000000	PASS
Emissions in restricted frequency bands (Average)	6985.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6985.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6905.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6905.000	24.0	320.000000	PASS

Emissions in restricted frequency bands (Average) (7115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
7115.000000	PASS

Final measurements

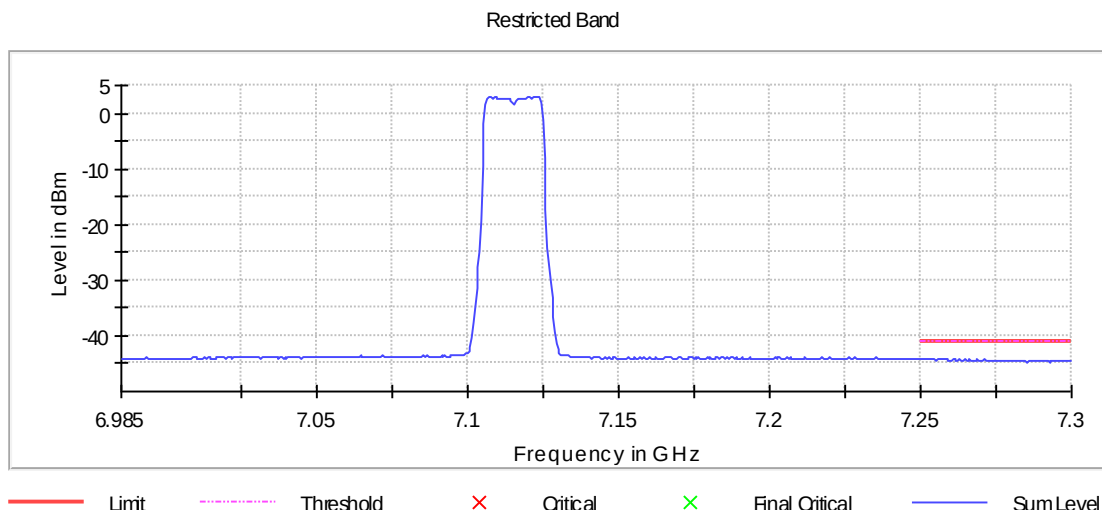
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7251.250000	-44.1	2.9	-41.2
7251.750000	-44.1	2.9	-41.2
7252.250000	-44.2	3.0	-41.2
7250.250000	-44.2	3.0	-41.2
7250.750000	-44.2	3.0	-41.2
7252.750000	-44.2	3.0	-41.2
7258.750000	-44.2	3.0	-41.2
7256.250000	-44.2	3.0	-41.2
7254.750000	-44.2	3.0	-41.2
7253.250000	-44.3	3.1	-41.2
7264.750000	-44.3	3.1	-41.2
7268.750000	-44.3	3.1	-41.2
7253.750000	-44.3	3.1	-41.2
7254.250000	-44.3	3.1	-41.2
7262.750000	-44.3	3.1	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	630	~ 630
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Peak) (7115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
7115.000000	PASS

Final measurements

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

Pre Measurements

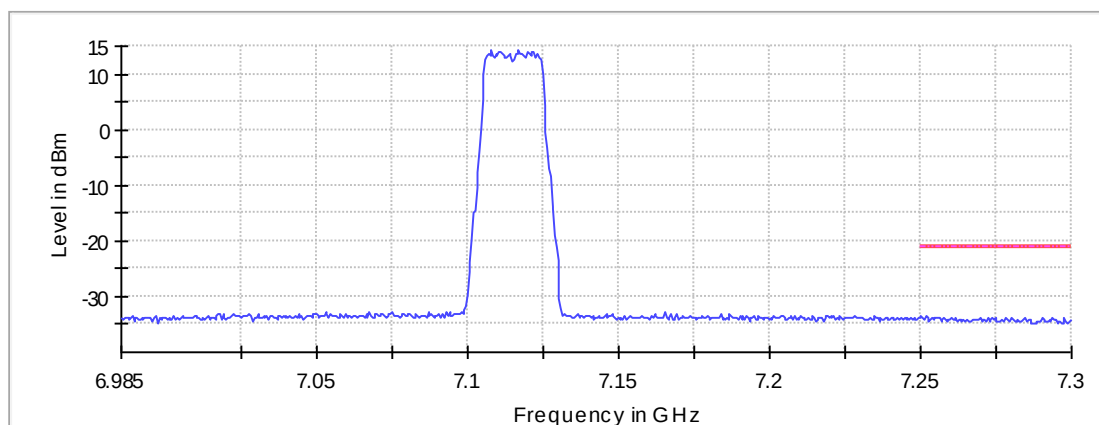
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7251.750000	-33.4	12.2	-21.2
7250.250000	-33.6	12.4	-21.2
7250.750000	-33.7	12.5	-21.2
7256.250000	-33.7	12.5	-21.2

7253.750000	-33.7	12.5	-21.2
7254.750000	-33.7	12.5	-21.2
7284.750000	-33.8	12.6	-21.2
7255.750000	-33.8	12.6	-21.2
7255.250000	-33.8	12.6	-21.2
7257.750000	-33.8	12.6	-21.2
7274.750000	-33.8	12.6	-21.2
7278.250000	-33.9	12.7	-21.2
7260.250000	-33.9	12.7	-21.2
7280.250000	-33.9	12.7	-21.2
7290.250000	-33.9	12.7	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



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

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	630	~ 630
SweepTime	1.000 s	1.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Average) (7085 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
7085.000000	PASS

Final measurements

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

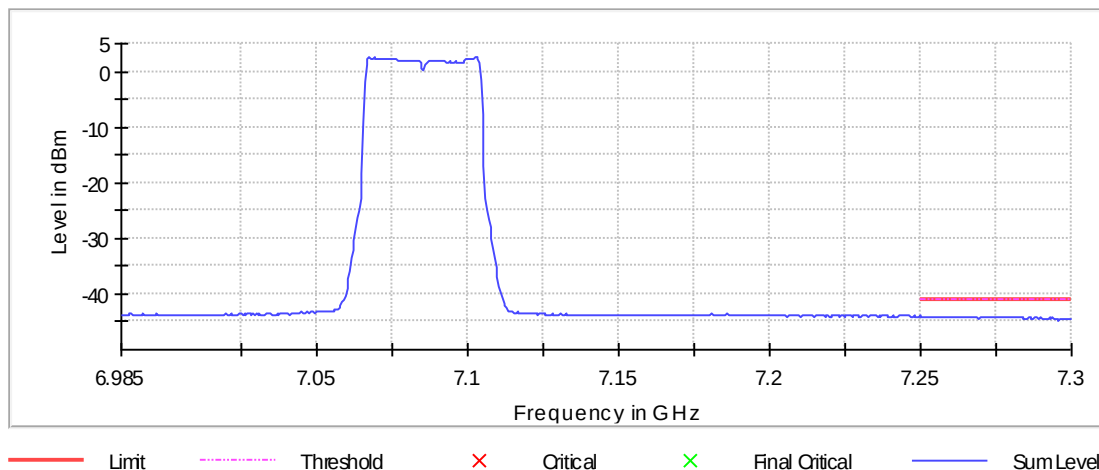
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.250000	-44.0	2.8	-41.2
7257.750000	-44.0	2.8	-41.2
7260.250000	-44.0	2.8	-41.2
7258.750000	-44.0	2.8	-41.2
7250.250000	-44.0	2.8	-41.2
7261.750000	-44.0	2.8	-41.2
7262.750000	-44.0	2.8	-41.2
7258.250000	-44.0	2.8	-41.2
7253.750000	-44.0	2.8	-41.2
7263.250000	-44.0	2.8	-41.2
7266.750000	-44.0	2.8	-41.2
7251.250000	-44.0	2.8	-41.2
7250.750000	-44.0	2.8	-41.2
7256.250000	-44.0	2.8	-41.2
7254.750000	-44.0	2.8	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



Emissions in restricted frequency bands (Peak) (7085 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
7085.000000	PASS

Final measurements

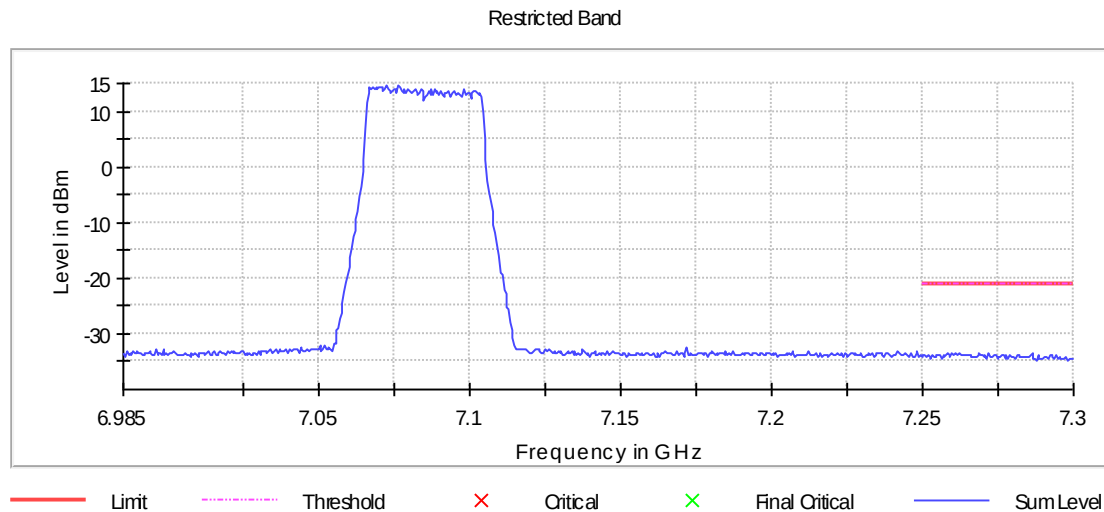
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7260.750000	-33.4	12.2	-21.2
7262.250000	-33.5	12.3	-21.2
7268.750000	-33.5	12.3	-21.2
7271.750000	-33.5	12.3	-21.2
7286.250000	-33.6	12.4	-21.2
7258.250000	-33.6	12.4	-21.2
7259.750000	-33.6	12.4	-21.2
7255.750000	-33.6	12.4	-21.2
7262.750000	-33.7	12.5	-21.2
7260.250000	-33.7	12.5	-21.2
7261.750000	-33.7	12.5	-21.2
7274.250000	-33.7	12.5	-21.2
7258.750000	-33.7	12.5	-21.2
7251.750000	-33.7	12.5	-21.2
7255.250000	-33.7	12.5	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1



Emissions in restricted frequency bands (Average) (7025 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
7025.000000	PASS

Final measurements

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

Pre Measurements

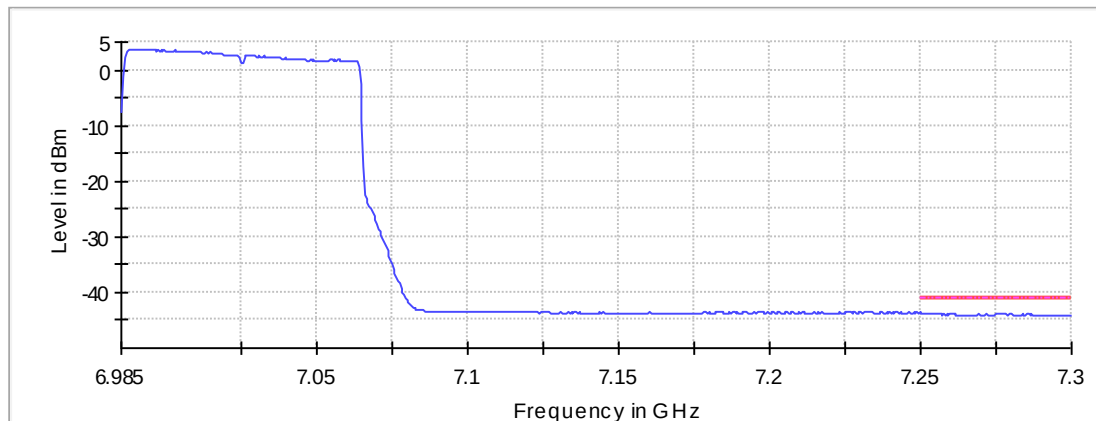
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7251.750000	-43.7	2.5	-41.2
7254.250000	-43.7	2.5	-41.2
7250.750000	-43.7	2.5	-41.2
7255.750000	-43.7	2.5	-41.2
7255.250000	-43.8	2.6	-41.2
7254.750000	-43.8	2.6	-41.2
7252.750000	-43.8	2.6	-41.2
7252.250000	-43.8	2.6	-41.2
7251.250000	-43.8	2.6	-41.2
7276.750000	-43.8	2.6	-41.2
7253.750000	-43.8	2.6	-41.2
7253.250000	-43.9	2.7	-41.2
7250.250000	-43.9	2.7	-41.2
7259.750000	-43.9	2.7	-41.2
7275.250000	-43.9	2.7	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
-----------------------	----------------------	-----------------	-------------------

6985.000000	7300.000000	1	1
-------------	-------------	---	---

Restricted Band



Emissions in restricted frequency bands (Peak) (7025 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
7025.000000	PASS

Final measurements

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

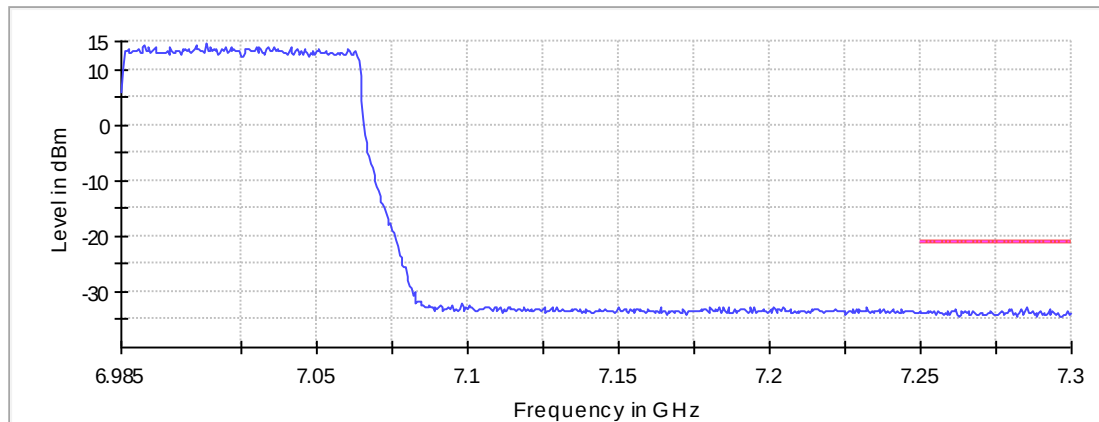
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7285.250000	-32.9	11.7	-21.2
7292.750000	-33.1	11.9	-21.2
7279.250000	-33.2	12.0	-21.2
7280.250000	-33.2	12.0	-21.2
7261.750000	-33.3	12.1	-21.2
7283.250000	-33.3	12.1	-21.2
7260.750000	-33.3	12.1	-21.2
7254.250000	-33.4	12.2	-21.2
7273.250000	-33.4	12.2	-21.2
7267.250000	-33.4	12.2	-21.2
7259.250000	-33.4	12.2	-21.2
7253.250000	-33.4	12.2	-21.2
7261.250000	-33.4	12.2	-21.2
7298.750000	-33.5	12.3	-21.2
7279.750000	-33.5	12.3	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



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

Emissions in restricted frequency bands (Average) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

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

Pre Measurements

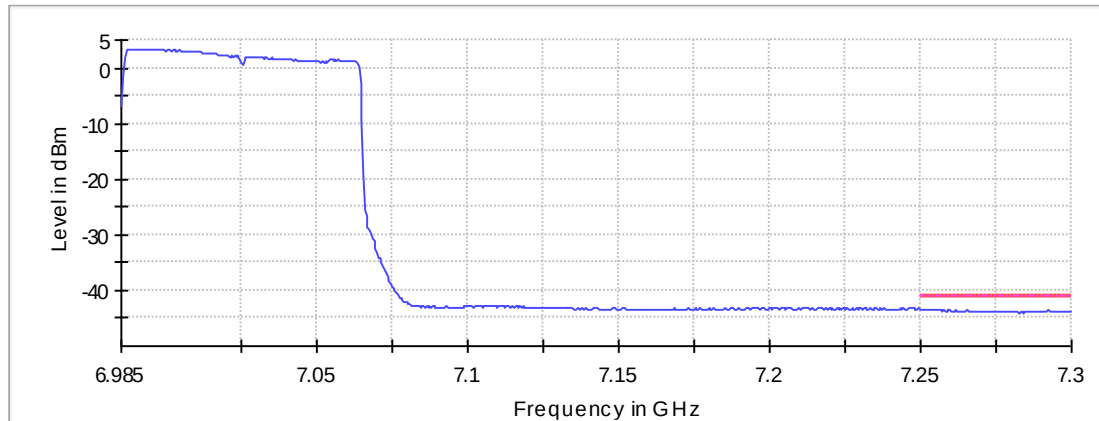
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7251.750000	-43.4	2.2	-41.2
7252.750000	-43.4	2.2	-41.2
7250.750000	-43.4	2.2	-41.2
7250.250000	-43.4	2.2	-41.2
7253.750000	-43.4	2.2	-41.2
7254.750000	-43.5	2.3	-41.2
7257.750000	-43.5	2.3	-41.2
7251.250000	-43.5	2.3	-41.2
7255.750000	-43.5	2.3	-41.2
7253.250000	-43.5	2.3	-41.2
7255.250000	-43.5	2.3	-41.2
7256.750000	-43.5	2.3	-41.2
7254.250000	-43.5	2.3	-41.2
7252.250000	-43.6	2.4	-41.2

7259.750000	-43.6	2.4	-41.2
-------------	-------	-----	-------

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



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

Emissions in restricted frequency bands (Peak) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

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

Pre Measurements

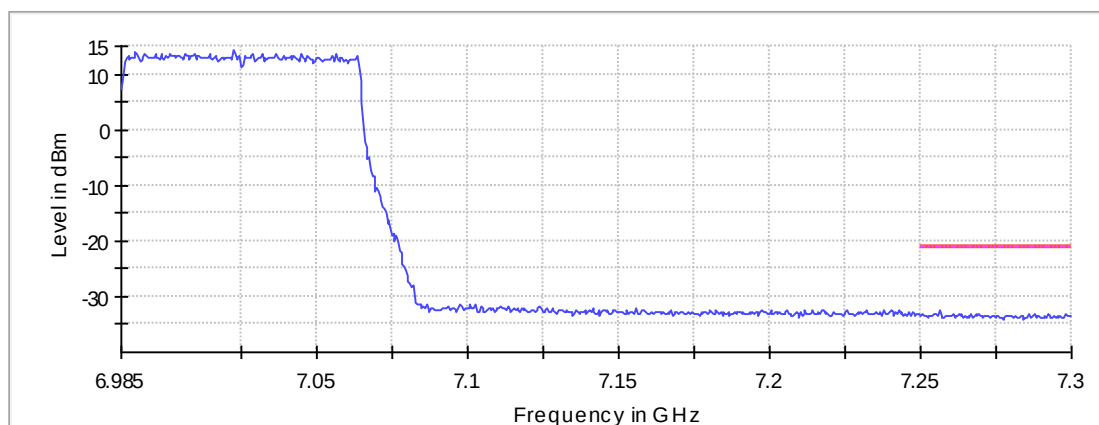
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7256.250000	-32.6	11.4	-21.2
7298.250000	-33.0	11.8	-21.2
7266.750000	-33.0	11.8	-21.2
7260.750000	-33.0	11.8	-21.2
7250.750000	-33.0	11.8	-21.2
7287.750000	-33.1	11.9	-21.2
7285.750000	-33.2	12.0	-21.2
7292.250000	-33.2	12.0	-21.2
7254.750000	-33.2	12.0	-21.2
7254.250000	-33.2	12.0	-21.2
7255.250000	-33.2	12.0	-21.2
7269.250000	-33.2	12.0	-21.2

7262.750000	-33.3	12.1	-21.2
7263.750000	-33.3	12.1	-21.2
7268.250000	-33.3	12.1	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



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

Emissions in restricted frequency bands (Average) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

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

Pre Measurements

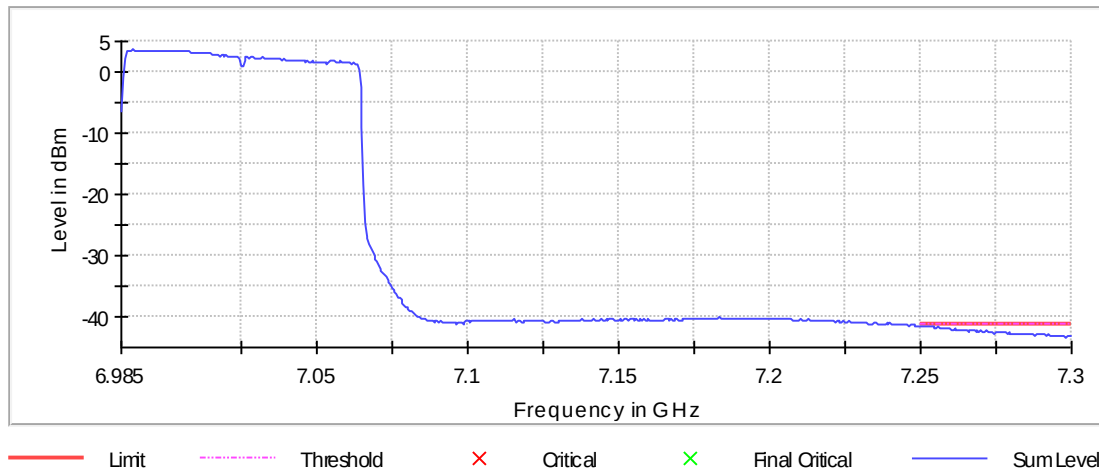
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.250000	-41.5	0.3	-41.2
7250.750000	-41.5	0.3	-41.2
7251.750000	-41.6	0.4	-41.2
7250.250000	-41.6	0.4	-41.2
7252.750000	-41.6	0.4	-41.2
7254.250000	-41.7	0.5	-41.2
7253.250000	-41.7	0.5	-41.2
7253.750000	-41.7	0.5	-41.2
7251.250000	-41.7	0.5	-41.2
7255.750000	-41.7	0.5	-41.2

7255.250000	-41.8	0.6	-41.2
7254.750000	-41.9	0.7	-41.2
7257.250000	-41.9	0.7	-41.2
7258.750000	-41.9	0.7	-41.2
7257.750000	-41.9	0.7	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



Emissions in restricted frequency bands (Peak) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

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

Pre Measurements

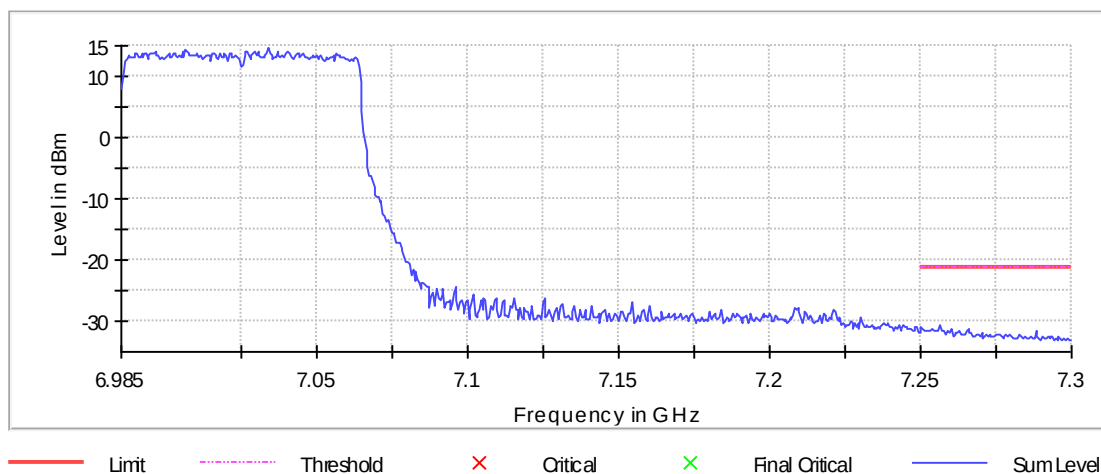
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7256.250000	-30.7	9.5	-21.2
7250.250000	-31.0	9.8	-21.2
7253.750000	-31.2	10.0	-21.2
7260.250000	-31.2	10.0	-21.2
7250.750000	-31.3	10.1	-21.2
7265.750000	-31.3	10.1	-21.2
7254.250000	-31.4	10.2	-21.2

7258.750000	-31.5	10.3	-21.2
7254.750000	-31.5	10.3	-21.2
7252.750000	-31.5	10.3	-21.2
7256.750000	-31.6	10.4	-21.2
7251.750000	-31.6	10.4	-21.2
7252.250000	-31.6	10.4	-21.2
7259.250000	-31.6	10.4	-21.2
7257.250000	-31.7	10.5	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6895.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	7015.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	7115.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6925.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	7005.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	7085.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6945.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	7025.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6985.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6905.000	24.0	320.000000	PASS

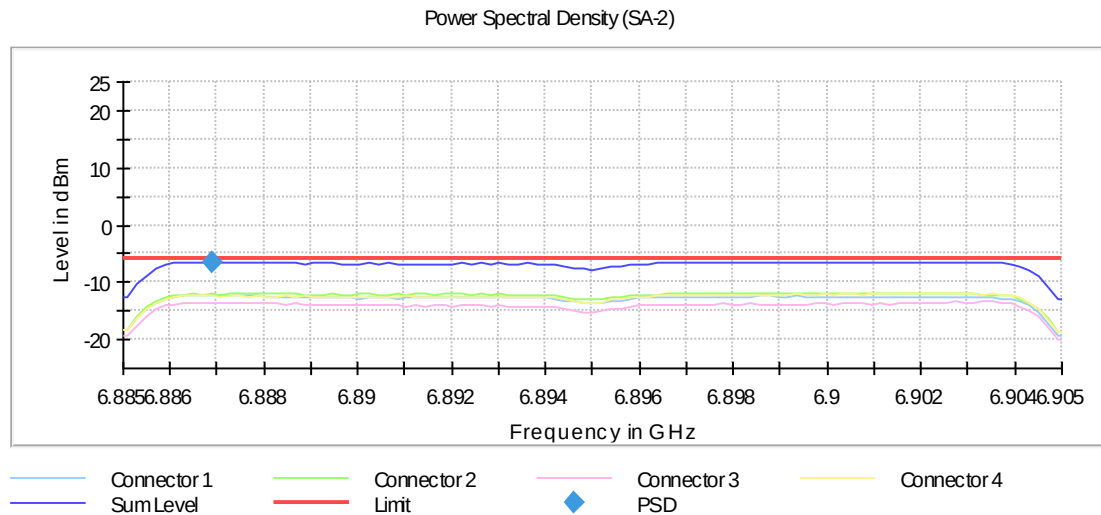
Power Spectral Density (SA-2) (6895 MHz; 24.000 dBm; 20 MHz)

Result

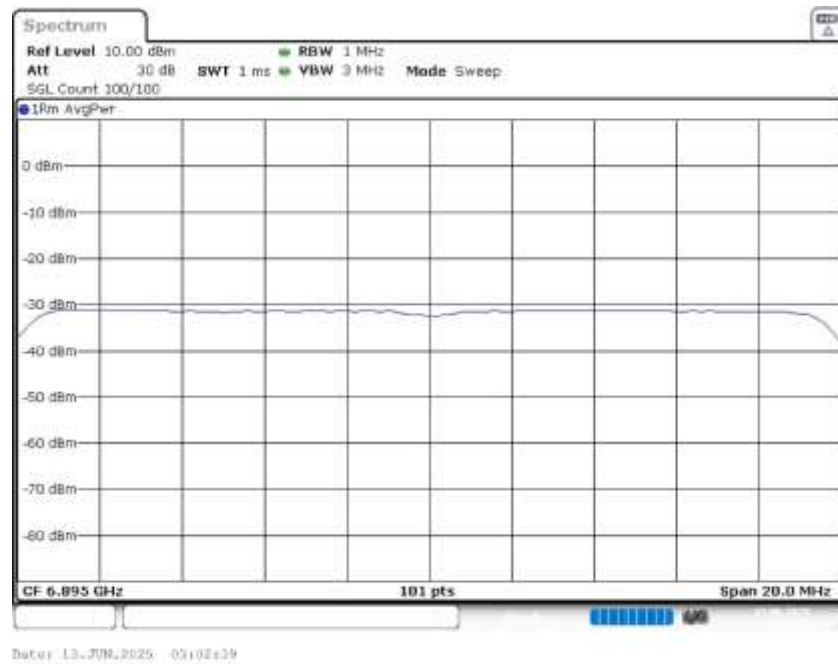
DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6895.000000	6886.881188	-6.422	-6.0	PASS

Ports

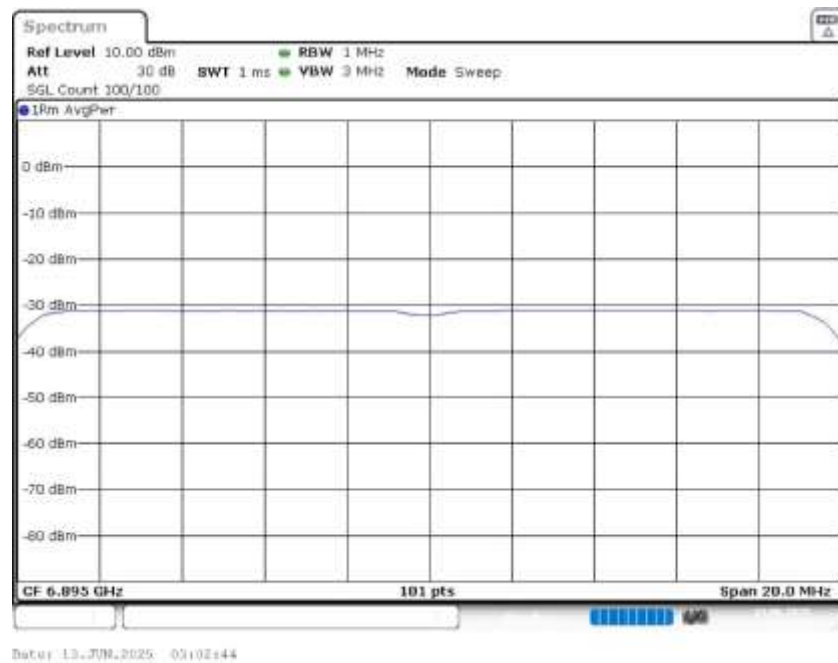
Port	State
1	used
2	used
3	used
4	used



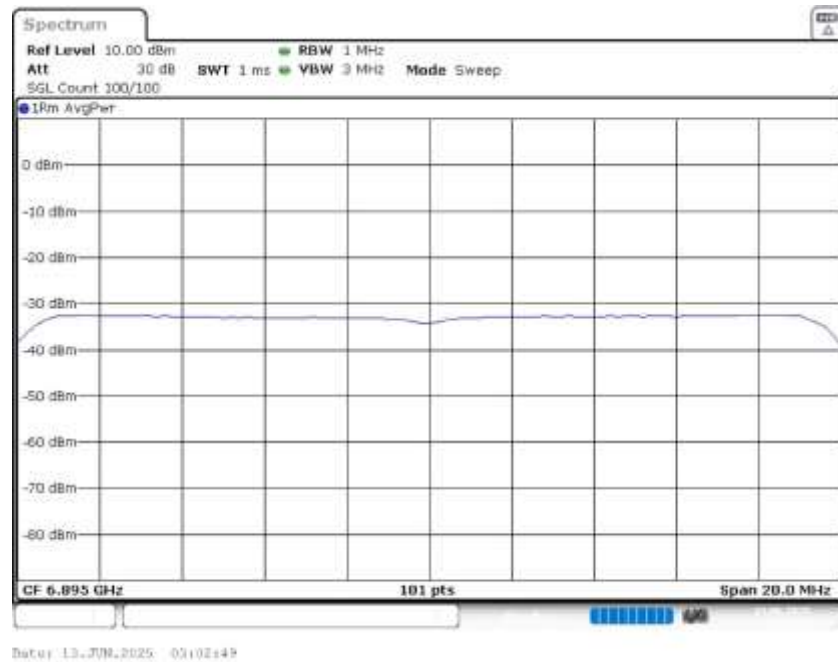
PSD Connector 1



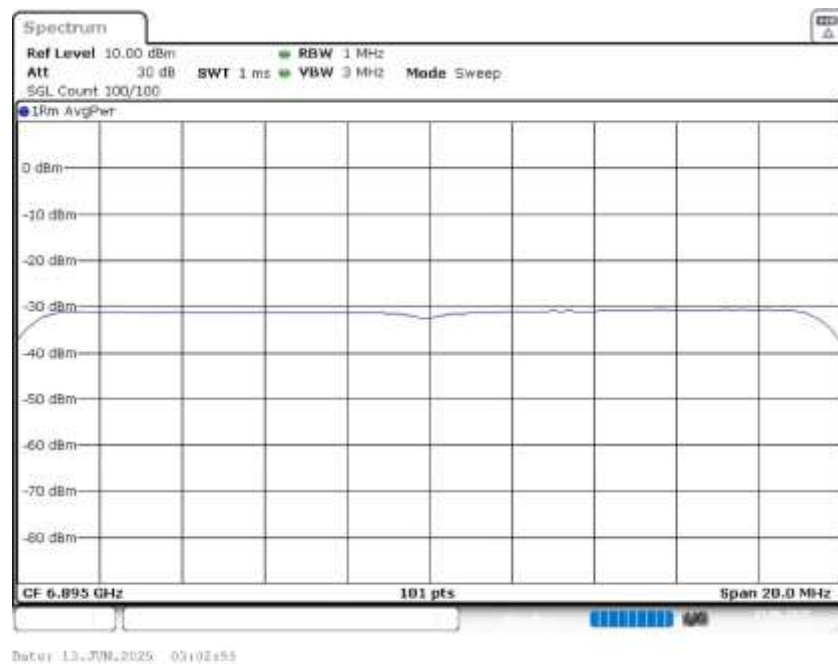
PSD Connector 2



PSD Connector 3



PSD Connector 4



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.88500 GHz	6.88500 GHz
Stop Frequency	6.90500 GHz	6.90500 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

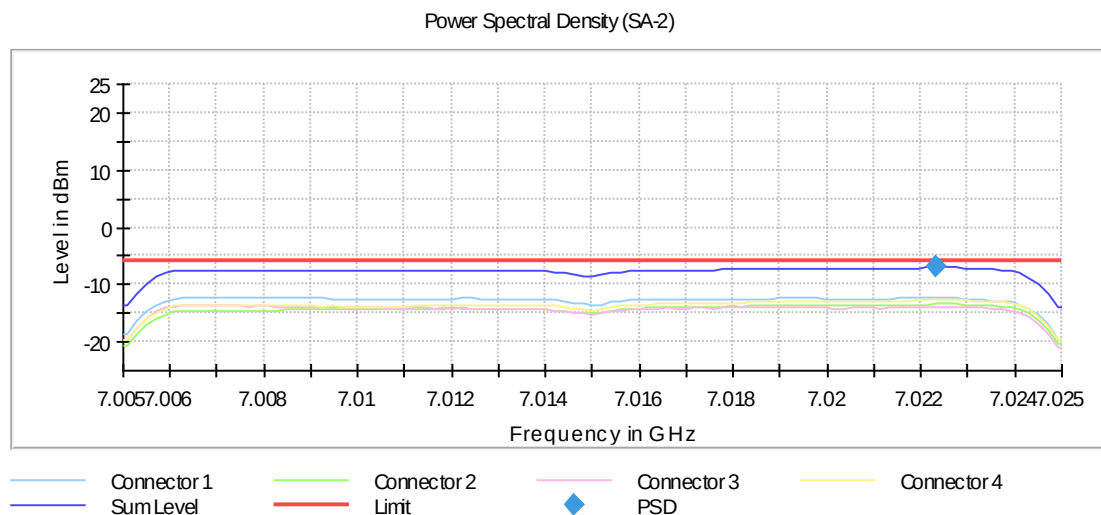
Power Spectral Density (SA-2) (7015 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7015.000000	7022.326733	-6.979	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



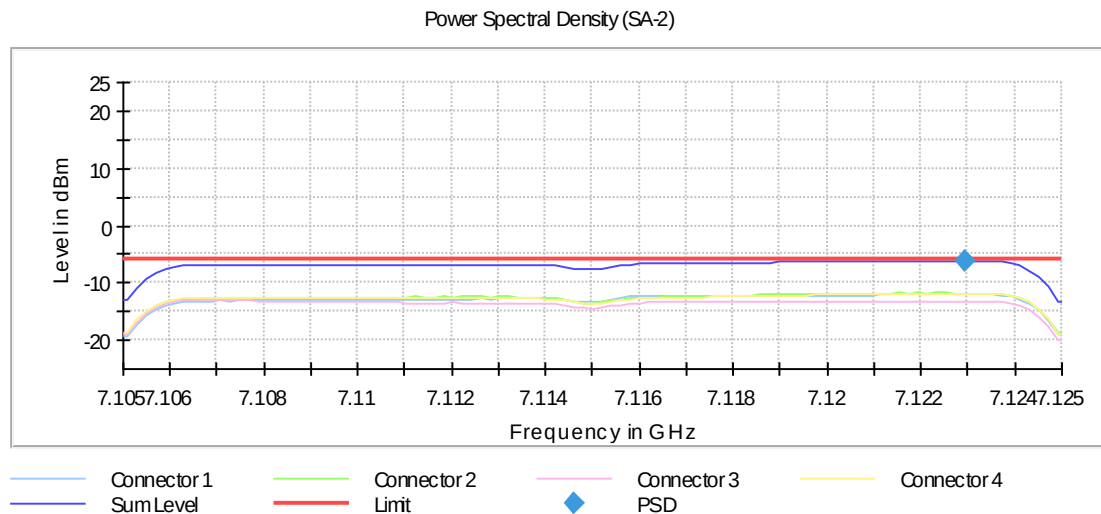
Power Spectral Density (SA-2) (7115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7115.000000	7122.920792	-6.144	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



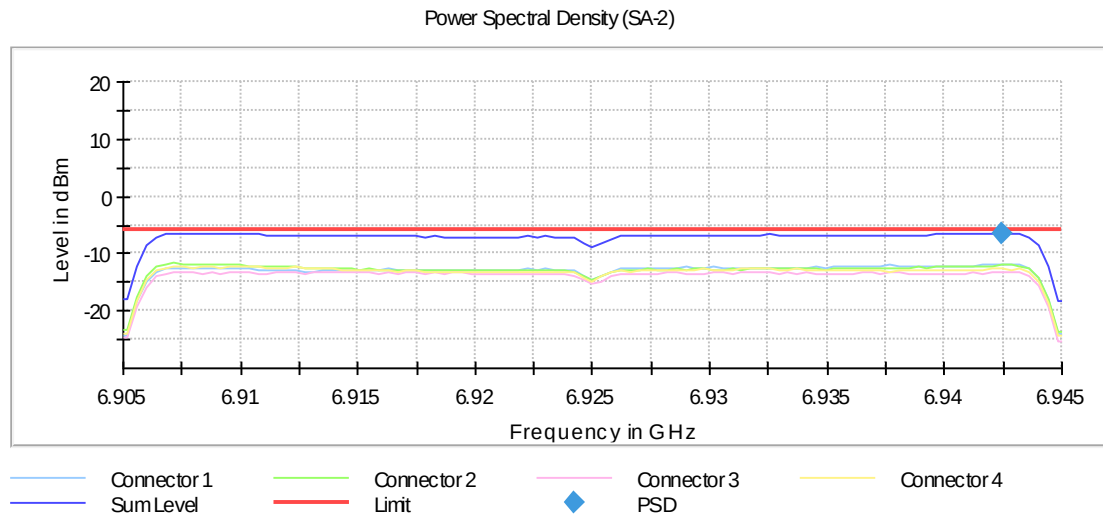
Power Spectral Density (SA-2) (6925 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6925.000000	6942.425743	-6.407	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



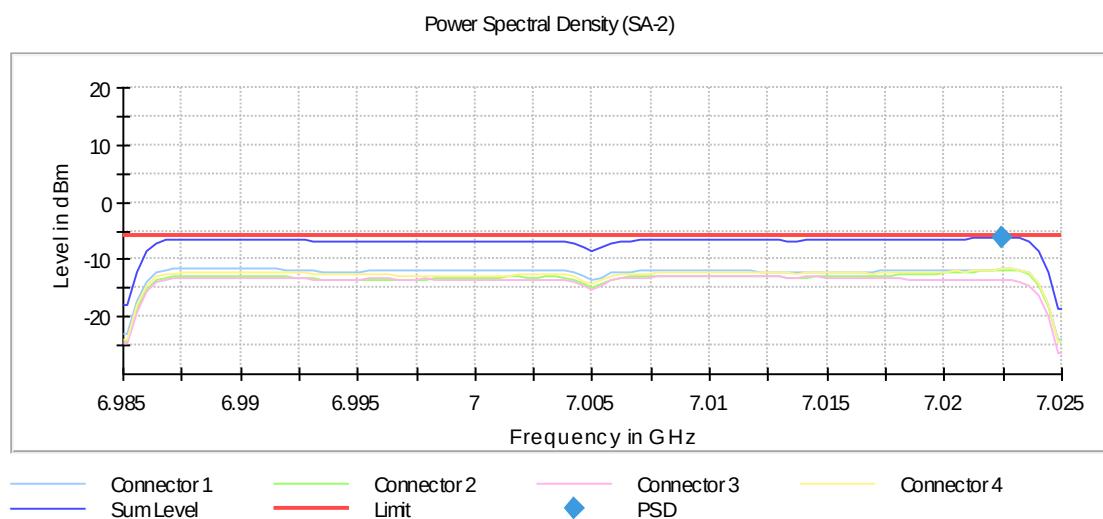
Power Spectral Density (SA-2) (7005 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7005.000000	7022.425743	-6.130	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



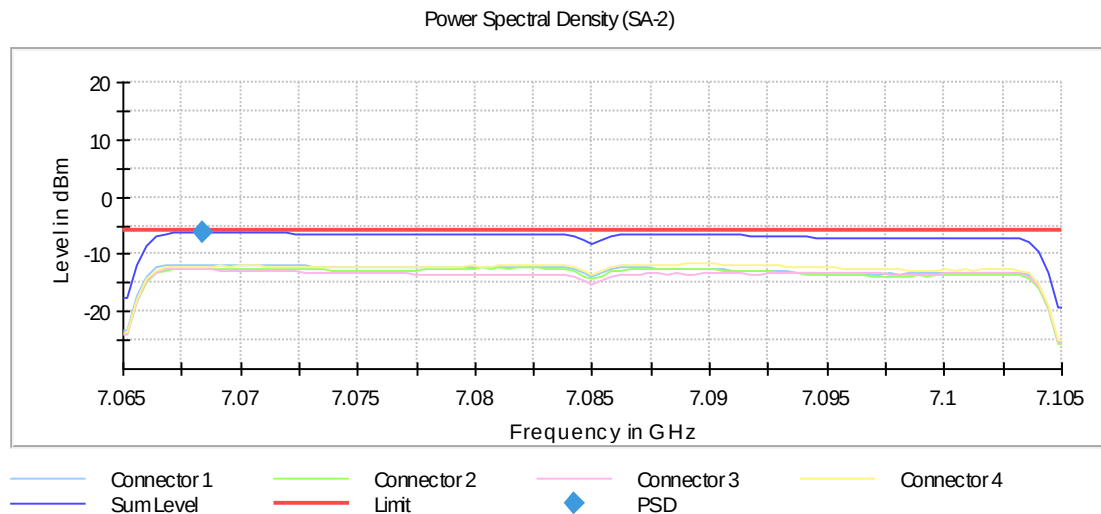
Power Spectral Density (SA-2) (7085 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7085.000000	7068.366337	-6.246	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



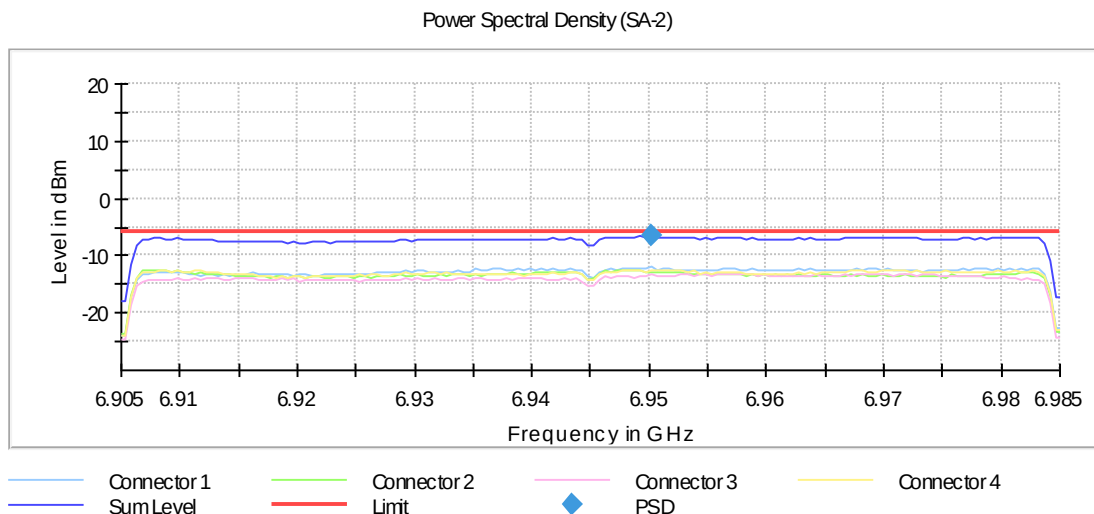
Power Spectral Density (SA-2) (6945 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6945.000000	6950.250000	-6.596	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



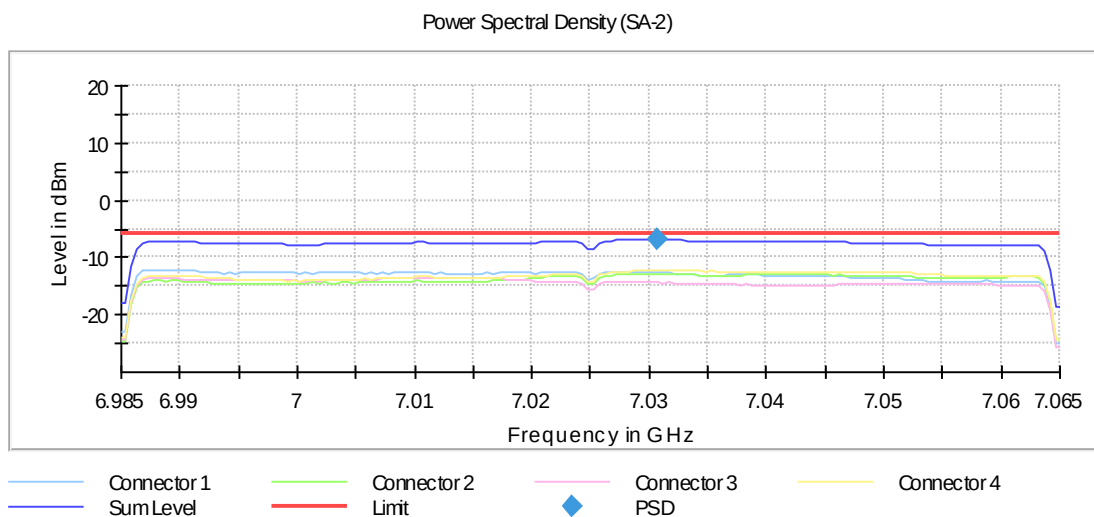
Power Spectral Density (SA-2) (7025 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7025.000000	7030.750000	-6.890	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



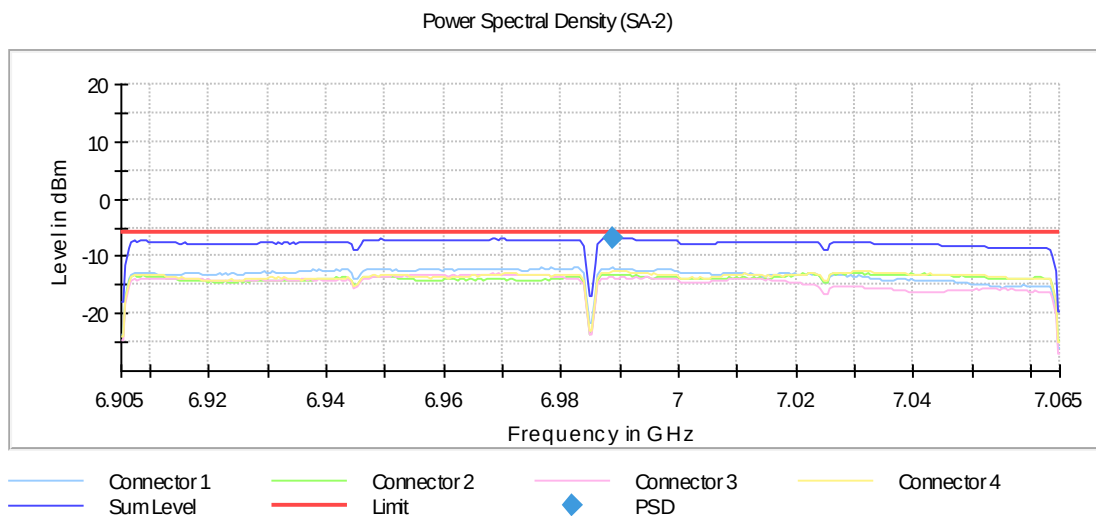
Power Spectral Density (SA-2) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6985.000000	6988.750000	-6.826	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



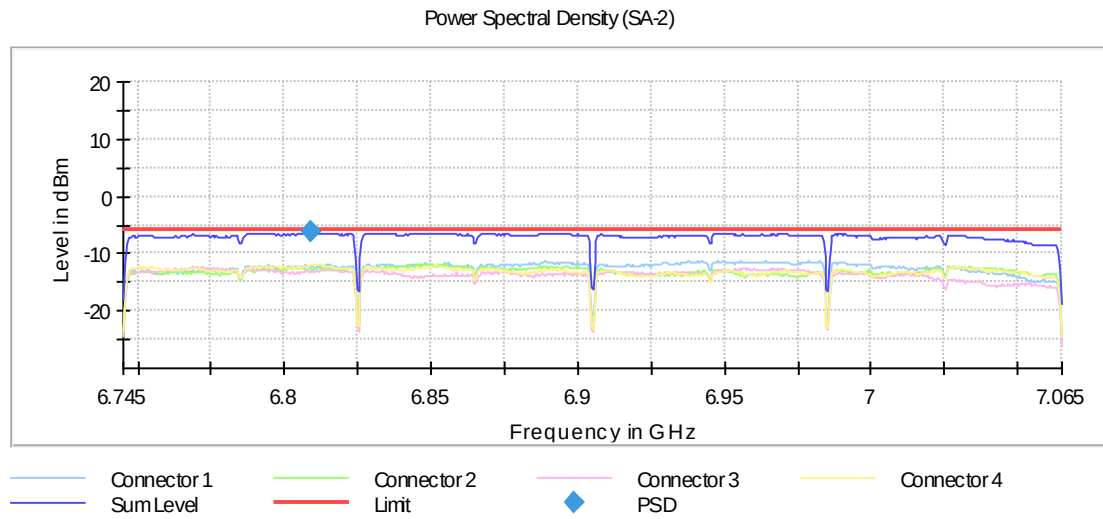
Power Spectral Density (SA-2) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6905.000000	6809.250000	-6.342	-6.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



1.1.2 High Gain Antenna

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6895.000	24.0	20.000000	PASS
RF output power	6895.000	24.0	20.000000	PASS
In-Band Emissions	6895.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6895.000	24.0	20.000000	PASS
Frequency Stability	6895.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	7015.000	24.0	20.000000	PASS
In-Band Emissions	7015.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	7015.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	7115.000	24.0	20.000000	PASS
In-Band Emissions	7115.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	7115.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6925.000	24.0	40.000000	PASS
In-Band Emissions	6925.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6925.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	7005.000	24.0	40.000000	PASS
In-Band Emissions	7005.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	7005.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	7085.000	24.0	40.000000	PASS
In-Band Emissions	7085.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	7085.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6945.000	24.0	80.000000	PASS
In-Band Emissions	6945.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6945.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	7025.000	24.0	80.000000	PASS
In-Band Emissions	7025.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	7025.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6985.000	24.0	160.000000	PASS
In-Band Emissions	6985.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6985.000	24.0	160.000000	PASS
Tx Spurious Emission	6985.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6985.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6985.000	24.0	160.000000	PASS
In-Band Emissions	6905.000	24.0	320.000000	PASS
Occupied Channel Bandwidth 99%	6905.000	24.0	320.000000	PASS
Tx Spurious Emission	6905.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Average)	6905.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6905.000	24.0	320.000000	PASS

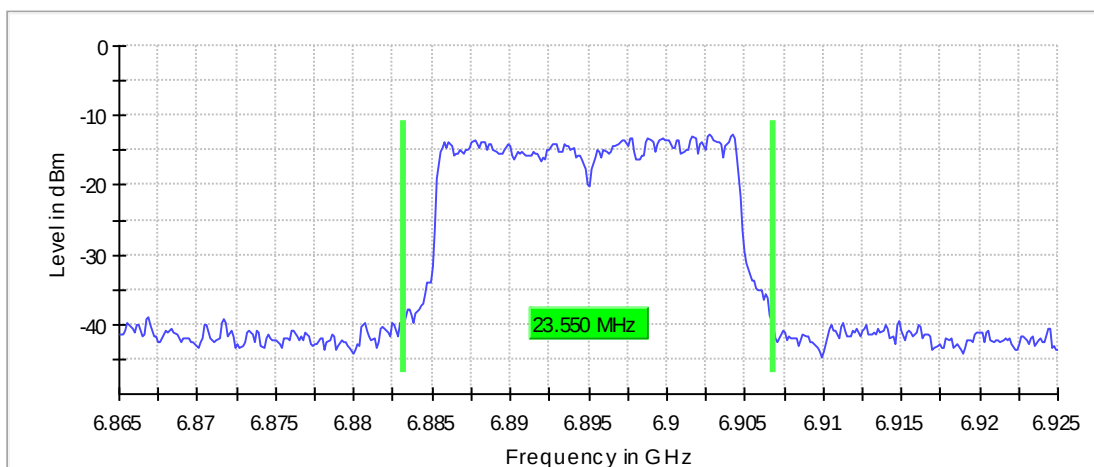
Emission Bandwidth 26 dB (6895 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

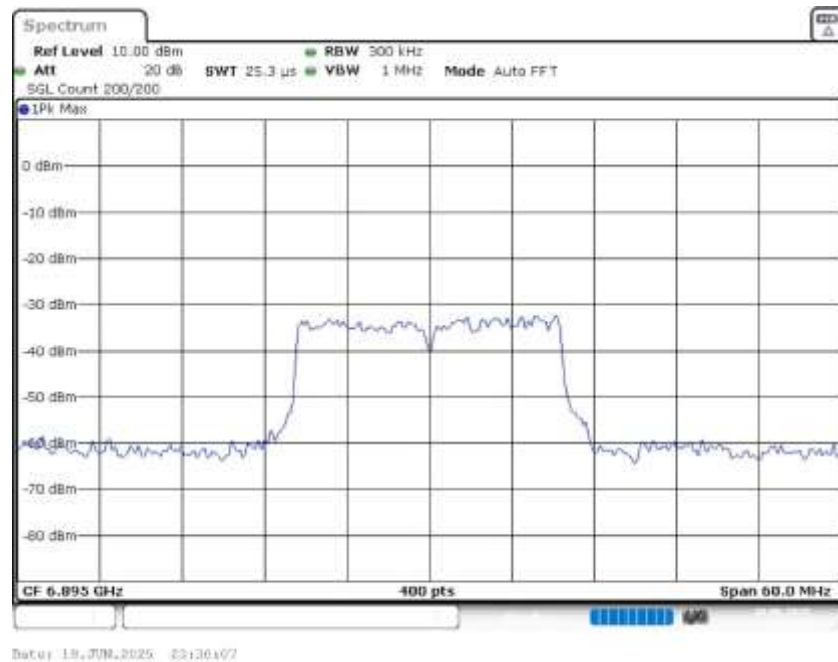
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6895.000000	23.550000	---	320.000000	6883.225000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6895.000000	6906.775000	---	-12.8	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.86500 GHz	6.86500 GHz
Stop Frequency	6.92500 GHz	6.92500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
SweepTime	25.313 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

RF output power (6895 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6895.000000	3.0	24.0	3.0	99.727	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 (6895 MHz; 24.000 dBm; 20 MHz)

Result

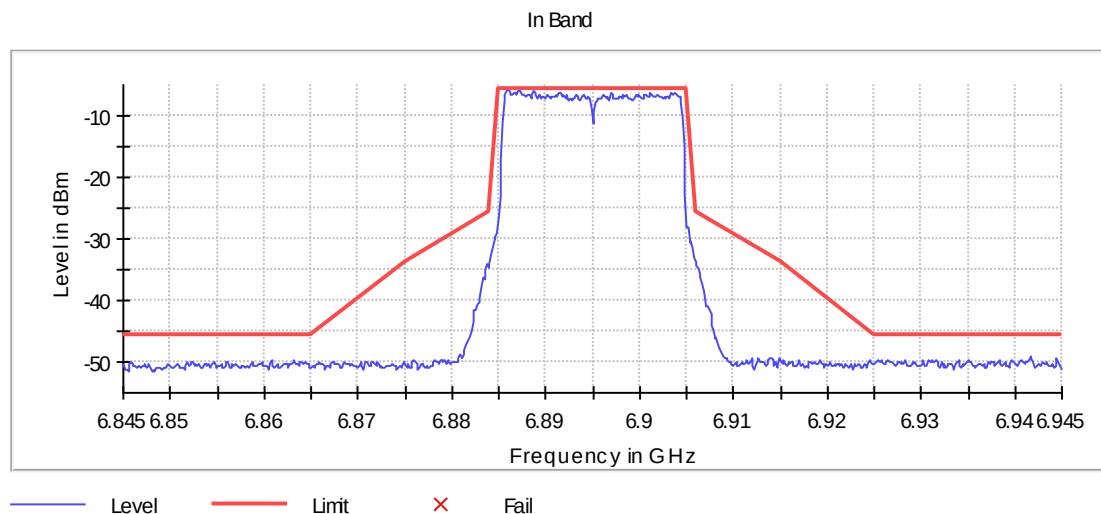
DUT Frequency (MHz)	Result
6895.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6886.004498	-5.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6887.203898	-5.8	0.1	-5.7	PASS
6888.703148	-6.0	0.2	-5.7	PASS
6887.053973	-6.0	0.2	-5.7	PASS
6887.353823	-6.0	0.3	-5.7	PASS
6885.854573	-6.1	0.3	-5.7	PASS
6888.853073	-6.2	0.5	-5.7	PASS
6886.604198	-6.2	0.5	-5.7	PASS
6886.754123	-6.2	0.5	-5.7	PASS
6896.949025	-6.2	0.5	-5.7	PASS
6891.401799	-6.3	0.5	-5.7	PASS
6903.395802	-6.3	0.6	-5.7	PASS
6903.845577	-6.3	0.6	-5.7	PASS
6886.154423	-6.4	0.7	-5.7	PASS
6901.146927	-6.4	0.7	-5.7	PASS
6903.695652	-6.4	0.7	-5.7	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.84500 GHz	6.84500 GHz
Stop Frequency	6.94500 GHz	6.94500 GHz
Span	100.000 MHz	100.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	667	~ 667
SweepTime	1.100 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

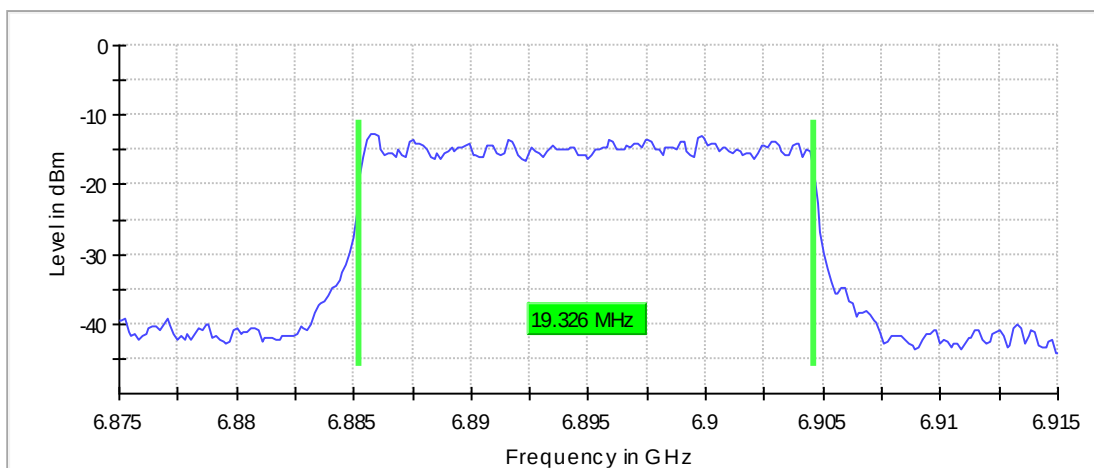
Occupied Channel Bandwidth 99% (6895 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6895.000000	19.325843	---	320.000000	6885.262172	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6895.000000	6904.588015	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

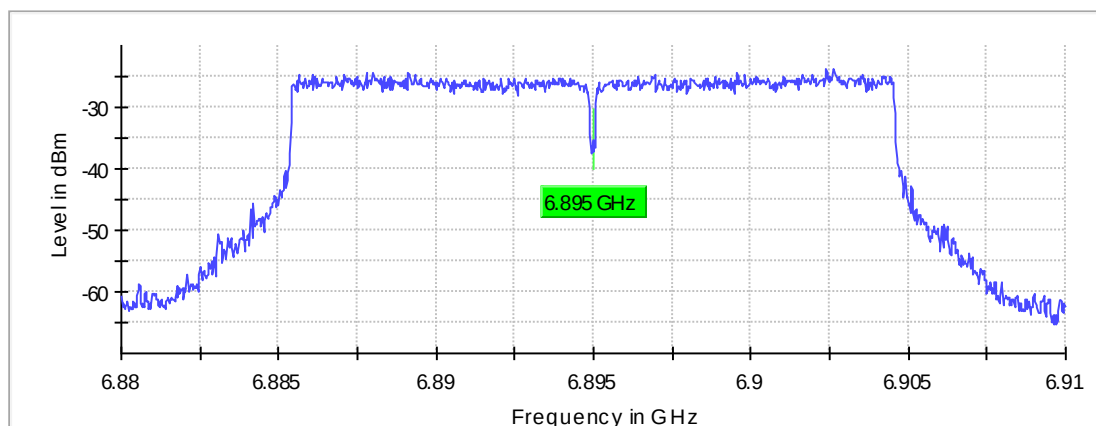
Setting	Instrument Value	Target Value
Start Frequency	6.87500 GHz	6.87500 GHz
Stop Frequency	6.91500 GHz	6.91500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
SweepTime	18.930 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Frequency Stability (6895 MHz; 24.000 dBm; 20 MHz)

Result

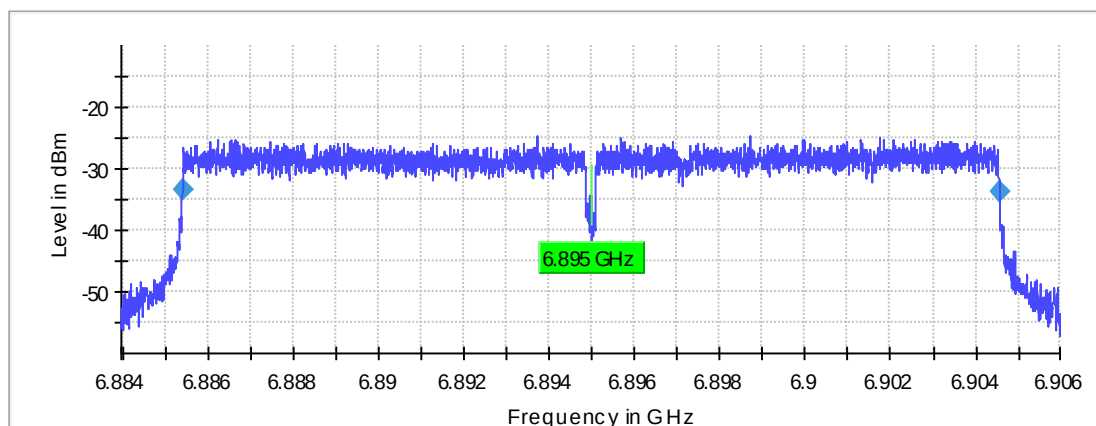
DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6895.000000	6894.973330	3.868	-26.670500	---	---	PASS

Frequency stability Pre



Center frequency Max Hold

Frequency stability



Edge points Max Hold Center frequency

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.88000 GHz	6.88000 GHz
Stop Frequency	6.91000 GHz	6.91000 GHz
Span	30.000 MHz	30.000 MHz
RBW	30.000 kHz	<= 30.000 kHz
VBW	100.000 kHz	>= 90.000 kHz
SweepPoints	1001	~ 1001
Sweptime	126.413 μ s	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 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

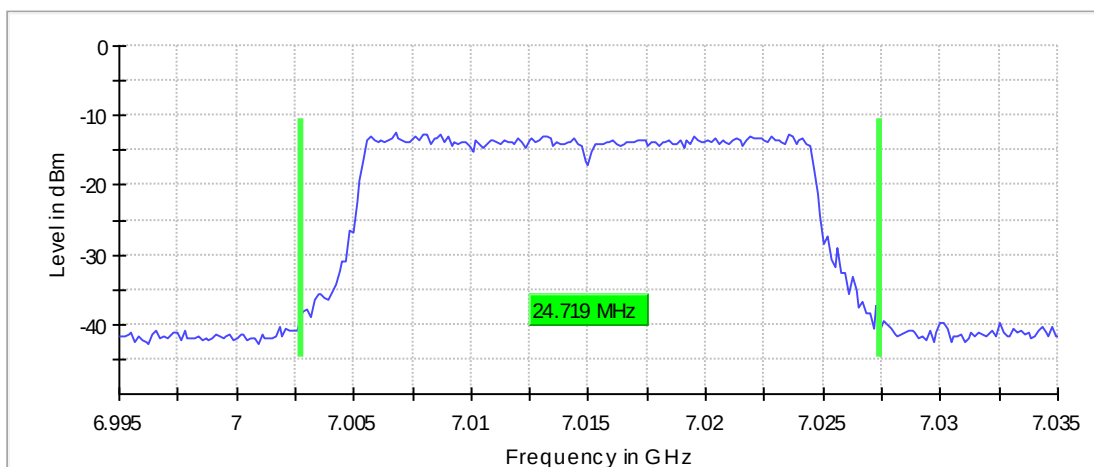
Emission Bandwidth 26 dB (7015 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

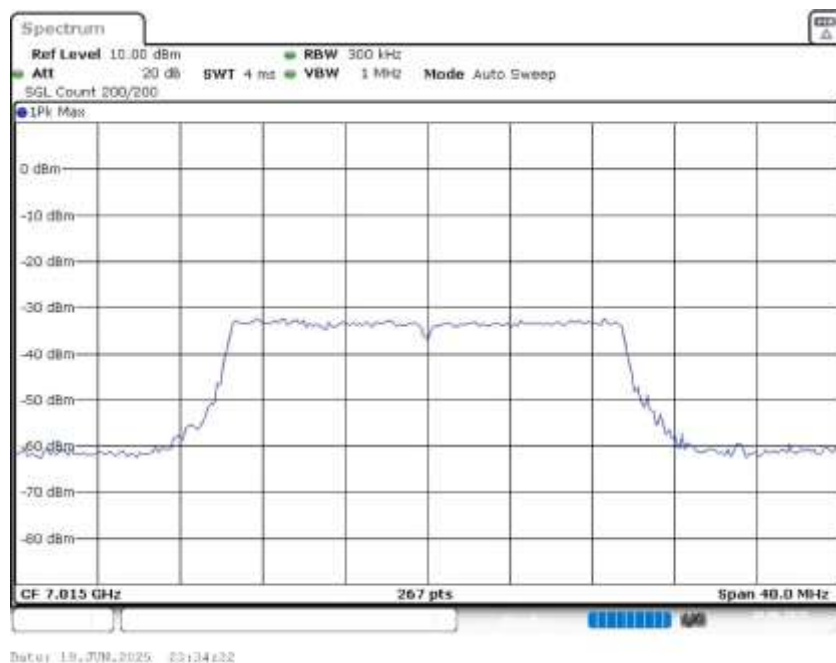
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7015.000000	24.719101	---	320.000000	7002.715356	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7015.000000	7027.434457	---	-12.4	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.99500 GHz	6.99500 GHz
Stop Frequency	7.03500 GHz	7.03500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

In-Band Emissions (7015 MHz; 24.000 dBm; 20 MHz)

Result

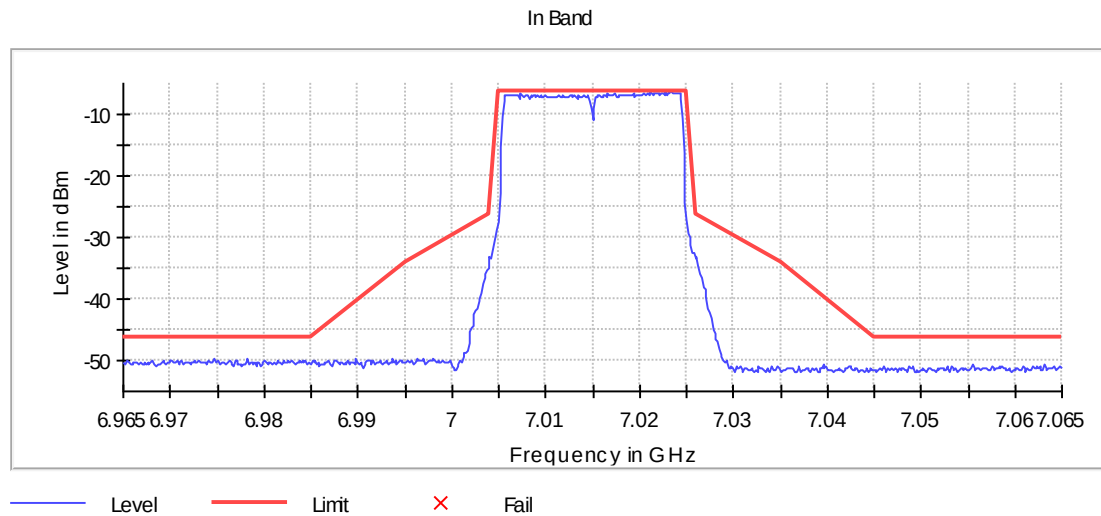
DUT Frequency (MHz)	Result
7015.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7023.395802	-6.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7021.146927	-6.3	0.2	-6.1	PASS
7023.095952	-6.4	0.3	-6.1	PASS
7022.796102	-6.4	0.3	-6.1	PASS
7024.295352	-6.4	0.3	-6.1	PASS
7021.896552	-6.4	0.3	-6.1	PASS
7023.845577	-6.4	0.3	-6.1	PASS
7007.353823	-6.5	0.3	-6.1	PASS
7022.346327	-6.5	0.4	-6.1	PASS
7023.545727	-6.5	0.4	-6.1	PASS
7022.046477	-6.5	0.4	-6.1	PASS
7020.847076	-6.5	0.4	-6.1	PASS
7021.296852	-6.6	0.4	-6.1	PASS
7023.995502	-6.6	0.4	-6.1	PASS
7024.145427	-6.6	0.5	-6.1	PASS
7019.347826	-6.6	0.5	-6.1	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.96500 GHz	6.96500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	100.000 MHz	100.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	667	~ 667
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

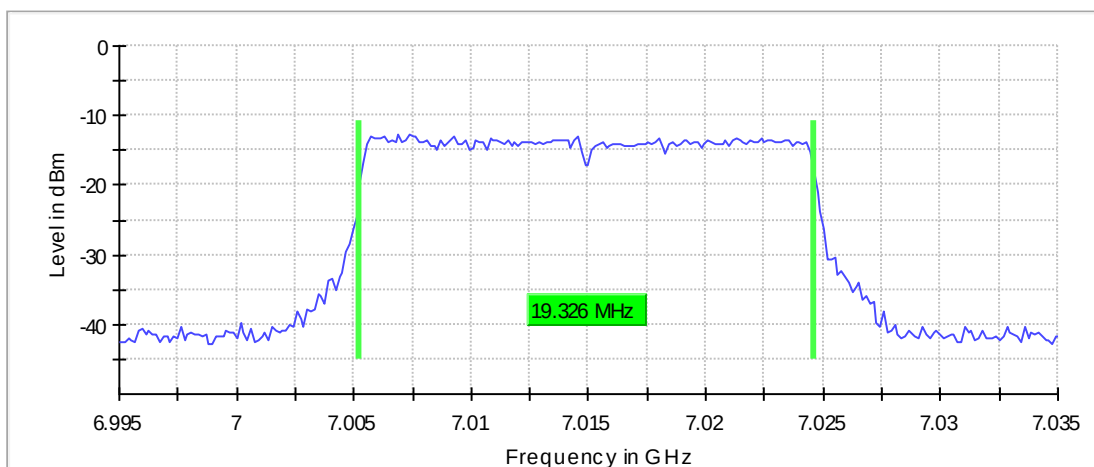
Occupied Channel Bandwidth 99% (7015 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

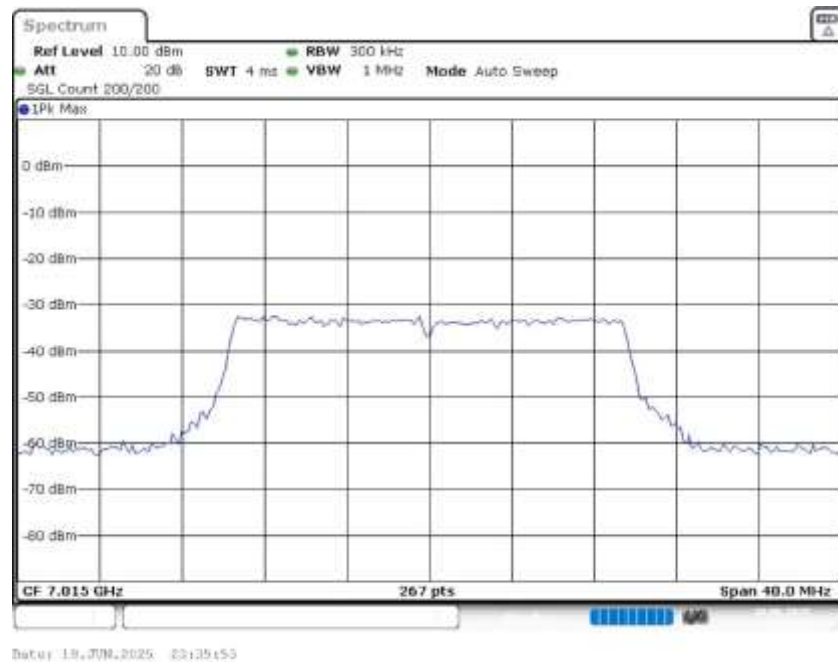
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7015.000000	19.325843	---	320.000000	7005.262172	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7015.000000	7024.588015	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.99500 GHz	6.99500 GHz
Stop Frequency	7.03500 GHz	7.03500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

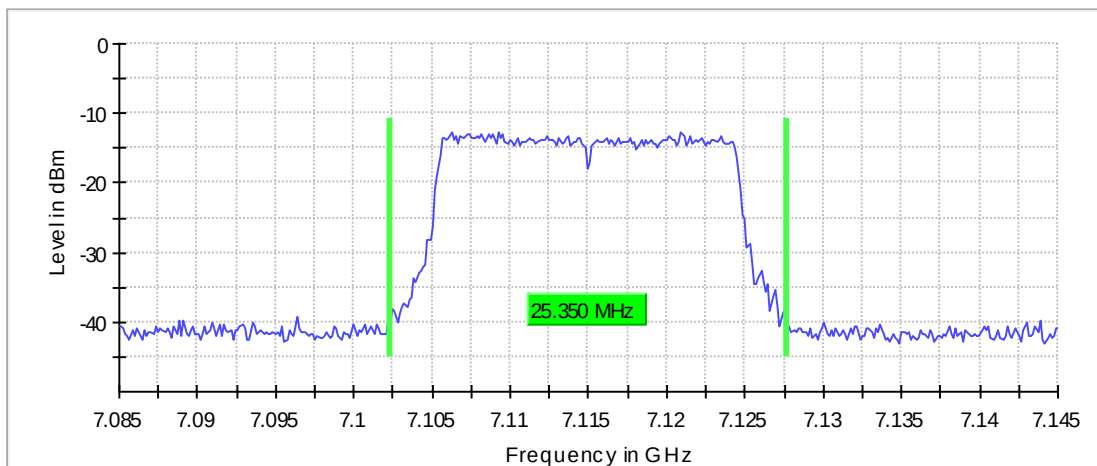
Emission Bandwidth 26 dB (7115 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

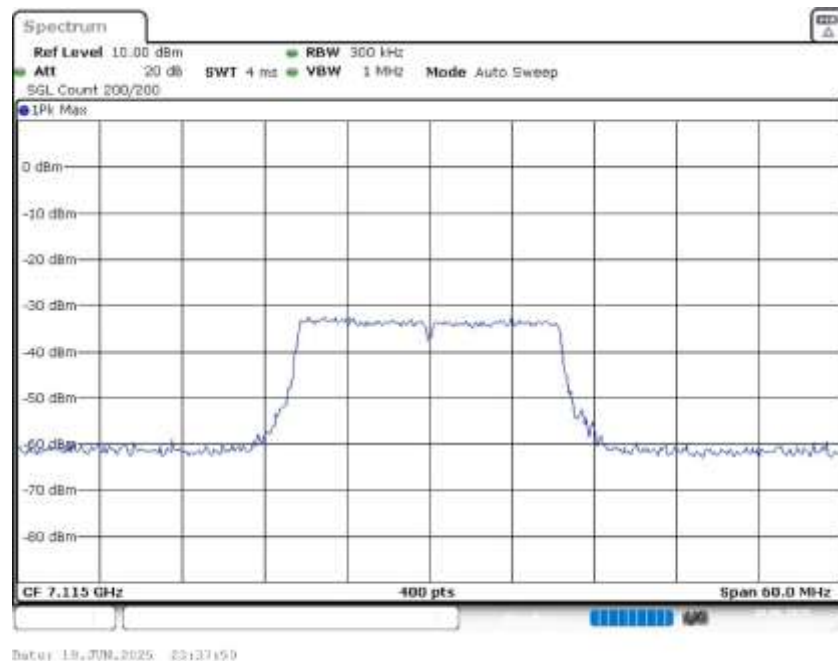
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7115.000000	25.350000	---	320.000000	7102.325000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7115.000000	7127.675000	---	-12.7	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.08500 GHz	7.08500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

In-Band Emissions (7115 MHz; 24.000 dBm; 20 MHz)

Result

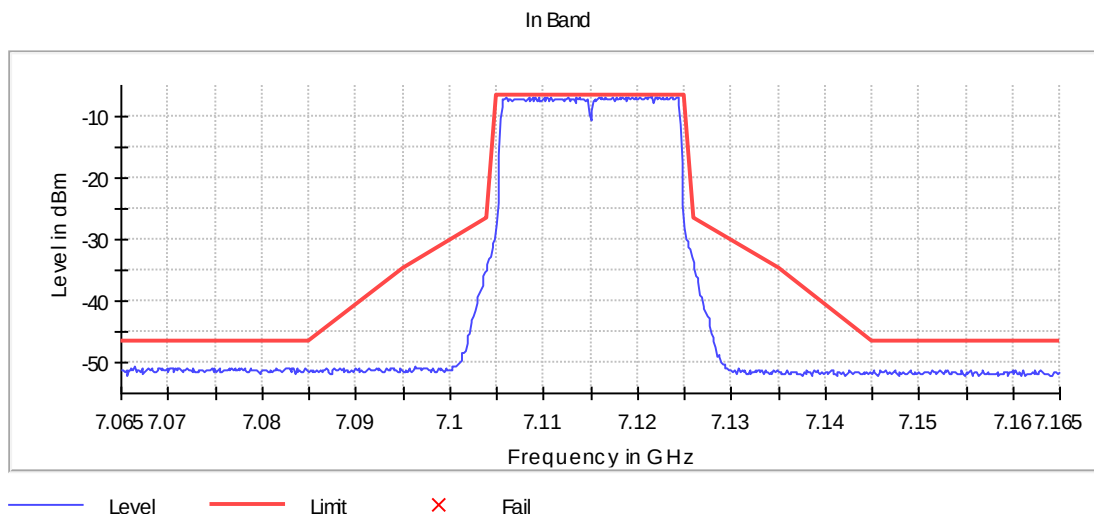
DUT Frequency (MHz)	Result
7115.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7121.596702	-6.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7121.596702	-6.7	0.0	-6.7	PASS
7122.646177	-6.7	0.1	-6.7	PASS
7121.446777	-6.8	0.1	-6.7	PASS
7123.695652	-6.8	0.2	-6.7	PASS
7121.296852	-6.8	0.2	-6.7	PASS
7118.148426	-6.8	0.2	-6.7	PASS
7121.896552	-6.8	0.2	-6.7	PASS
7109.452774	-6.9	0.2	-6.7	PASS
7116.199400	-6.9	0.2	-6.7	PASS
7108.403298	-6.9	0.2	-6.7	PASS
7108.853073	-6.9	0.2	-6.7	PASS
7118.448276	-6.9	0.2	-6.7	PASS
7117.698651	-6.9	0.2	-6.7	PASS
7119.347826	-6.9	0.2	-6.7	PASS
7122.346327	-6.9	0.2	-6.7	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	7.06500 GHz	7.06500 GHz
Stop Frequency	7.16500 GHz	7.16500 GHz
Span	100.000 MHz	100.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	667	~ 667
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

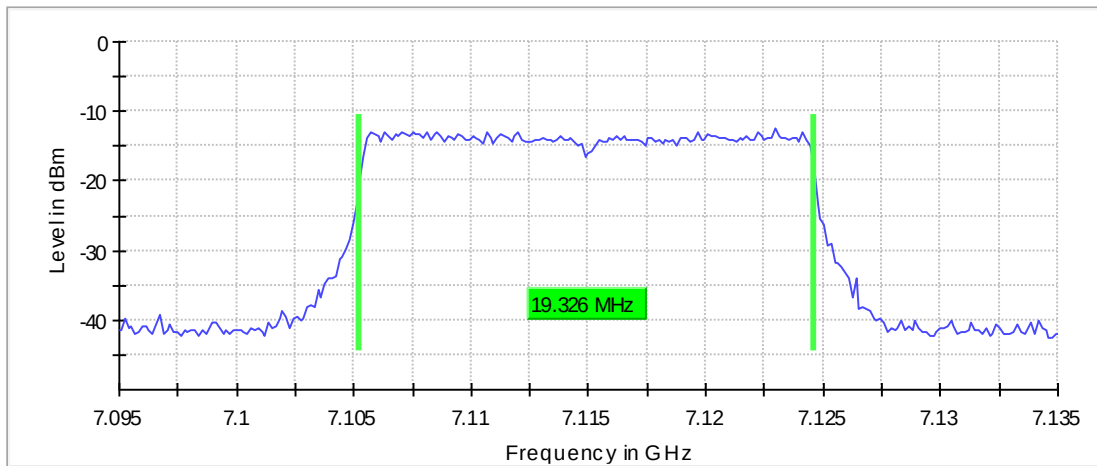
Occupied Channel Bandwidth 99% (7115 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

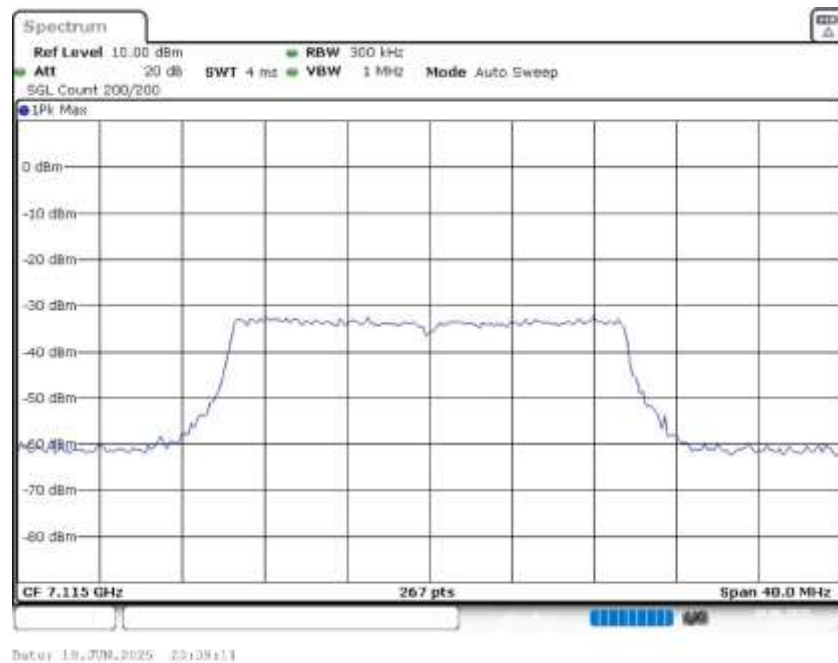
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7115.000000	19.325843	---	320.000000	7105.262172	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7115.000000	7124.588015	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.09500 GHz	7.09500 GHz
Stop Frequency	7.13500 GHz	7.13500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
Sweptime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

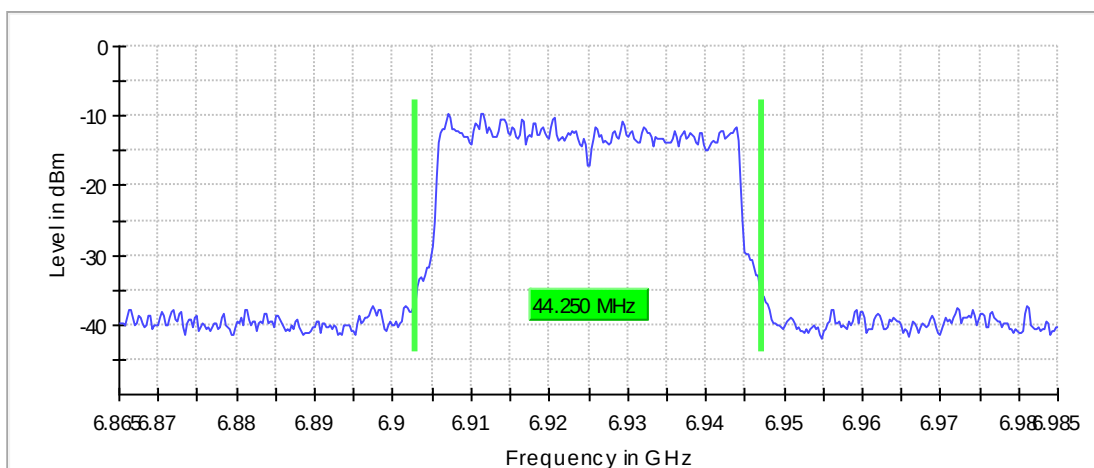
Emission Bandwidth 26 dB (6925 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

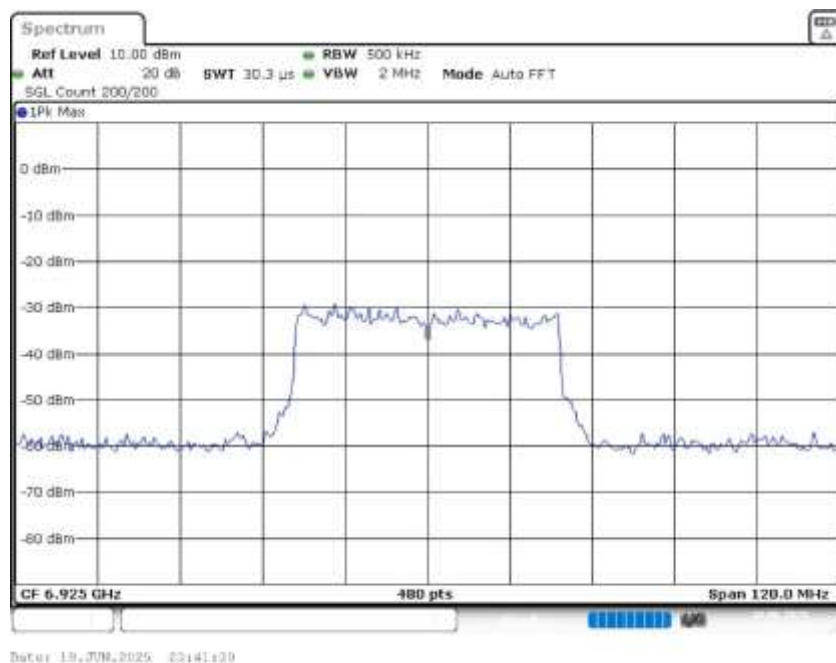
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6925.000000	44.250000	---	320.000000	6902.875000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6925.000000	6947.125000	---	-9.6	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.86500 GHz	6.86500 GHz
Stop Frequency	6.98500 GHz	6.98500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
SweepTime	30.250 μs	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (6925 MHz; 24.000 dBm; 40 MHz)

Result

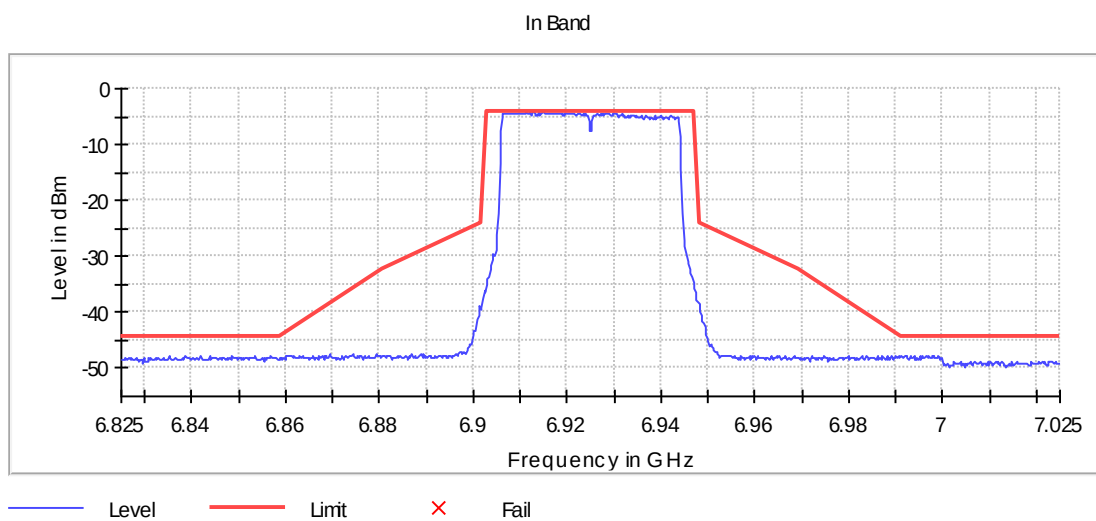
DUT Frequency (MHz)	Result
6925.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6912.875000	-4.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6912.875000	-4.2	0.0	-4.2	PASS
6913.875000	-4.2	0.0	-4.2	PASS
6914.875000	-4.2	0.0	-4.2	PASS
6911.375000	-4.2	0.0	-4.2	PASS
6912.125000	-4.3	0.1	-4.2	PASS
6917.375000	-4.3	0.1	-4.2	PASS
6908.375000	-4.3	0.1	-4.2	PASS
6906.625000	-4.3	0.1	-4.2	PASS
6922.125000	-4.3	0.1	-4.2	PASS
6908.125000	-4.3	0.1	-4.2	PASS
6907.625000	-4.4	0.2	-4.2	PASS
6909.125000	-4.4	0.2	-4.2	PASS
6909.625000	-4.4	0.2	-4.2	PASS
6910.875000	-4.4	0.2	-4.2	PASS
6927.125000	-4.4	0.2	-4.2	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	7.02500 GHz	7.02500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

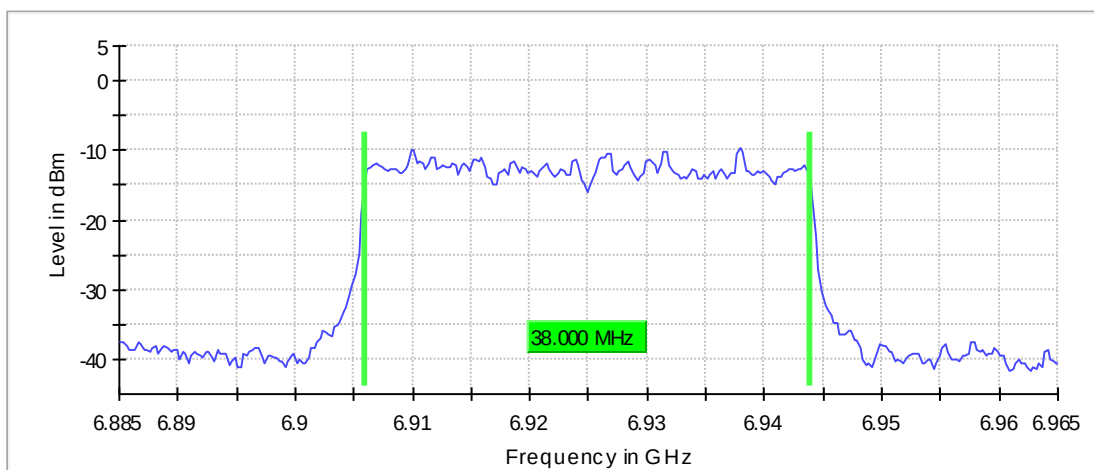
Occupied Channel Bandwidth 99% (6925 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

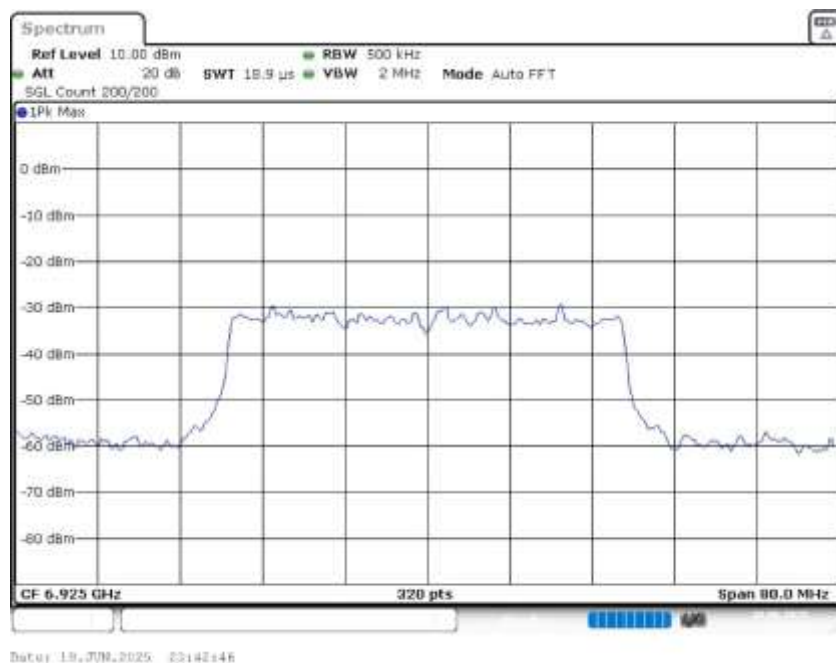
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6925.000000	38.000000	---	320.000000	6905.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6925.000000	6943.875000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.88500 GHz	6.88500 GHz
Stop Frequency	6.96500 GHz	6.96500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	18.906 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

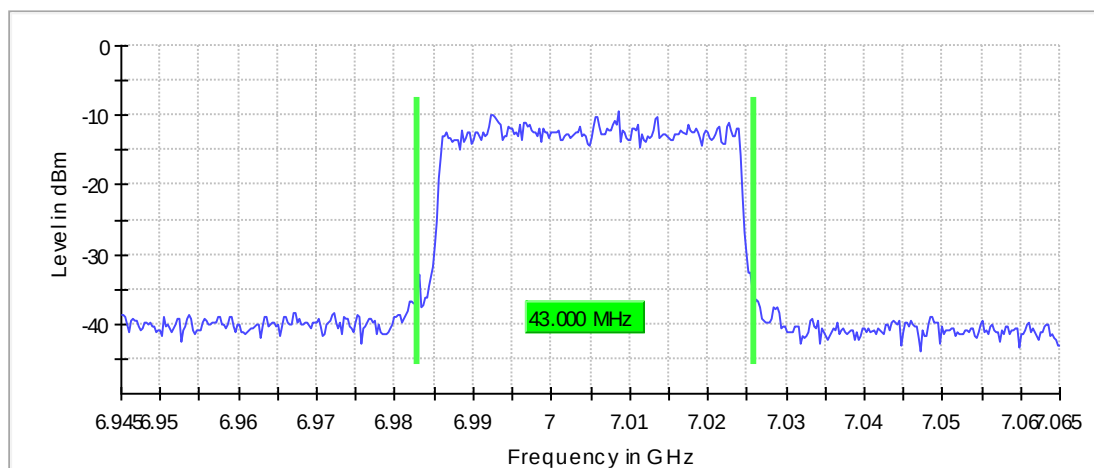
Emission Bandwidth 26 dB (7005 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

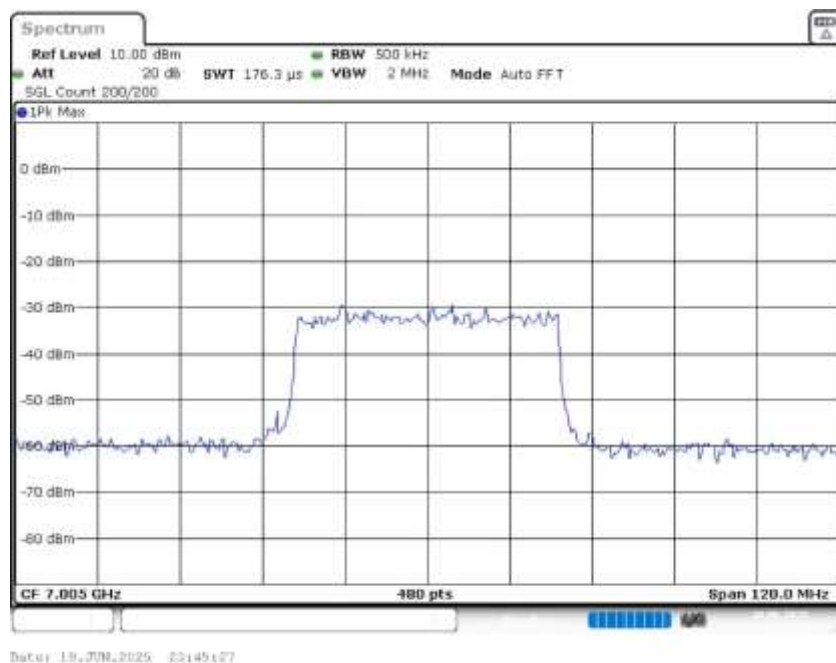
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7005.000000	43.000000	---	320.000000	6982.875000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7005.000000	7025.875000	---	-9.4	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.94500 GHz	6.94500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweeptime	176.250 μ s	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (7005 MHz; 24.000 dBm; 40 MHz)

Result

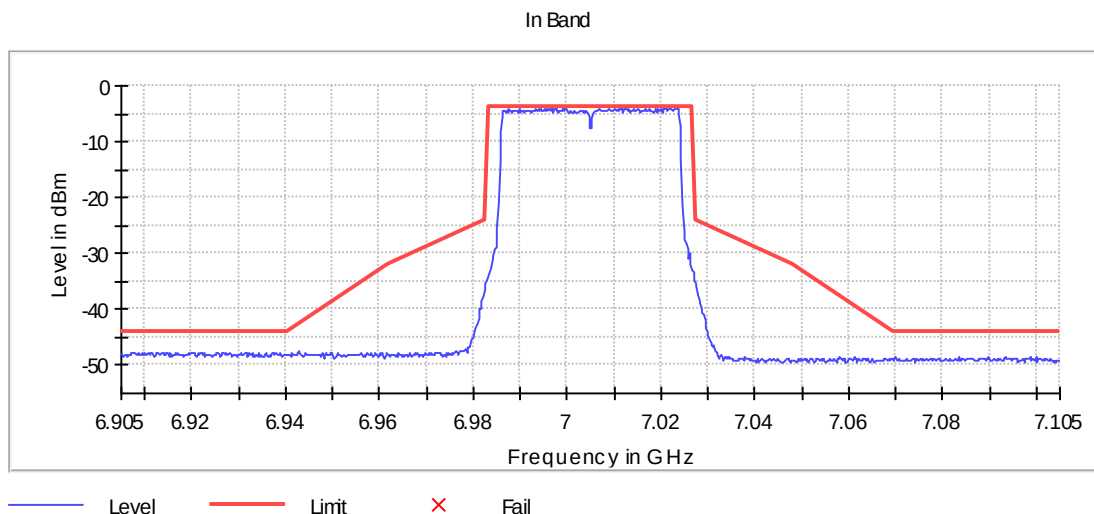
DUT Frequency (MHz)	Result
7005.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7023.125000	-3.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7023.375000	-4.0	0.1	-3.9	PASS
7019.875000	-4.0	0.1	-3.9	PASS
7021.875000	-4.0	0.1	-3.9	PASS
7018.875000	-4.0	0.1	-3.9	PASS
6993.375000	-4.1	0.1	-3.9	PASS
6995.625000	-4.1	0.2	-3.9	PASS
7012.125000	-4.1	0.2	-3.9	PASS
7010.125000	-4.1	0.2	-3.9	PASS
7015.125000	-4.1	0.2	-3.9	PASS
7022.875000	-4.1	0.2	-3.9	PASS
7013.125000	-4.1	0.2	-3.9	PASS
6994.375000	-4.1	0.2	-3.9	PASS
7010.875000	-4.1	0.2	-3.9	PASS
7012.625000	-4.1	0.2	-3.9	PASS
6996.625000	-4.1	0.2	-3.9	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.90500 GHz	6.90500 GHz
Stop Frequency	7.10500 GHz	7.10500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

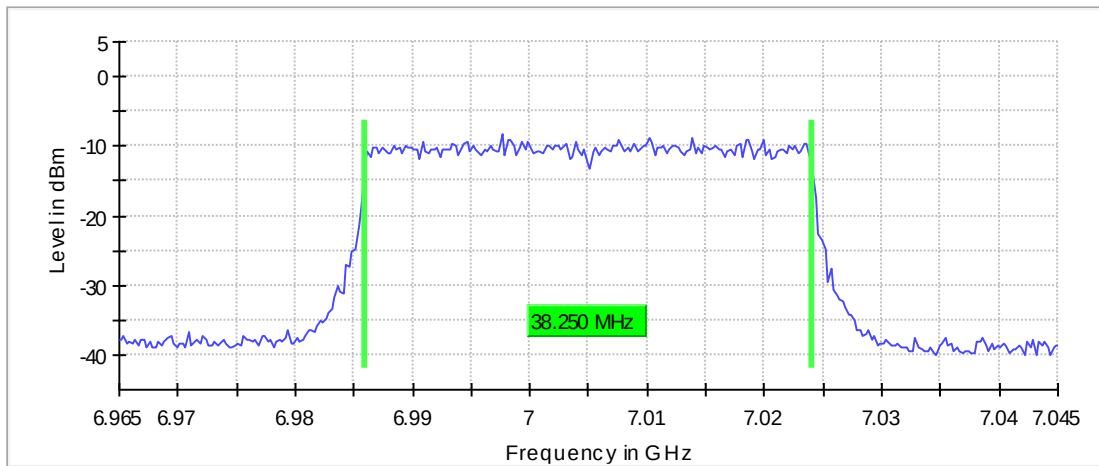
Occupied Channel Bandwidth 99% (7005 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

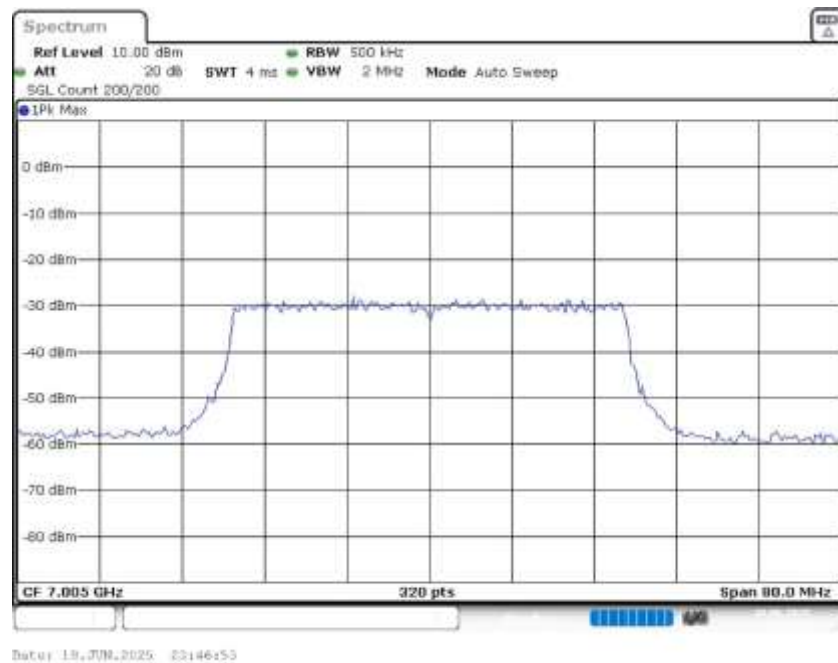
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7005.000000	38.250000	---	320.000000	6985.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7005.000000	7024.125000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.96500 GHz	6.96500 GHz
Stop Frequency	7.04500 GHz	7.04500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
Sweptime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

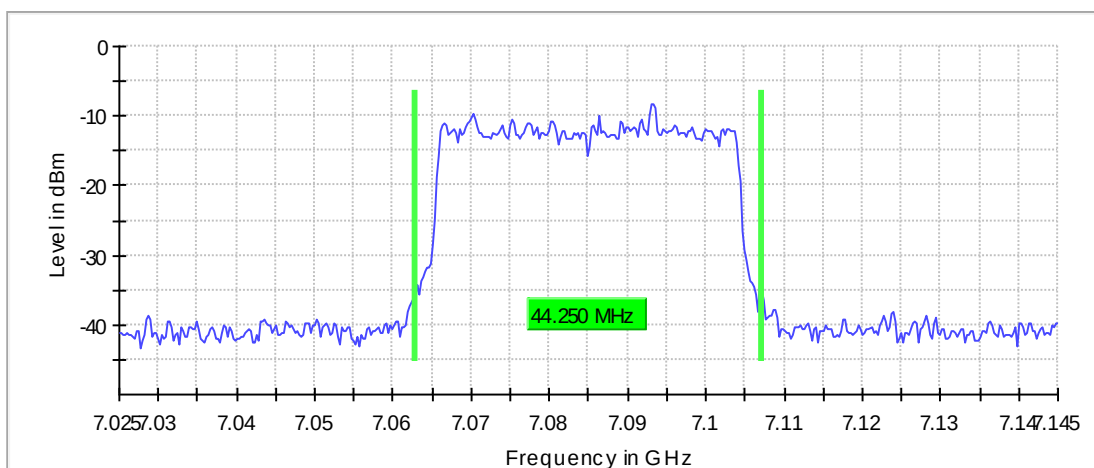
Emission Bandwidth 26 dB (7085 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

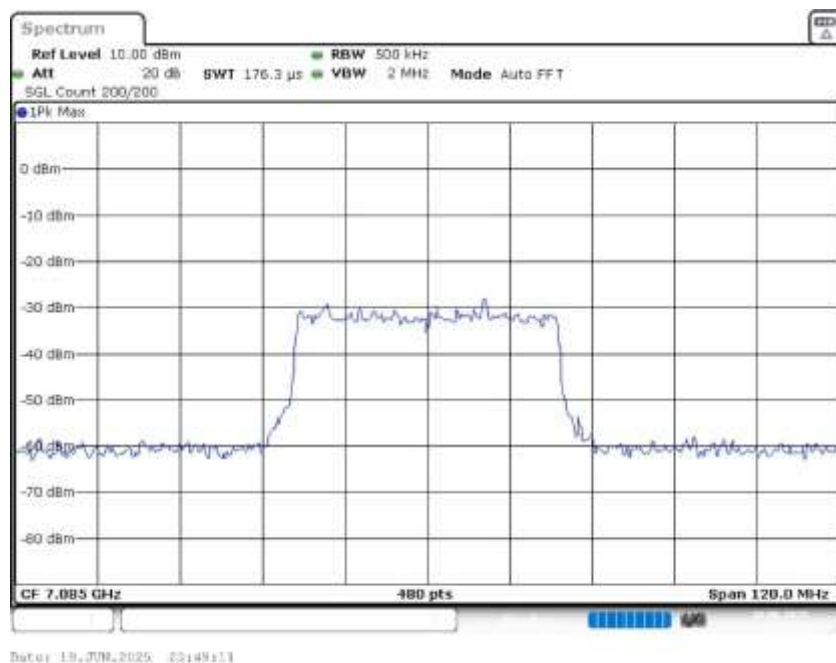
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7085.000000	44.250000	---	320.000000	7062.875000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7085.000000	7107.125000	---	-8.2	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.02500 GHz	7.02500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweptime	176.250 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

In-Band Emissions (7085 MHz; 24.000 dBm; 40 MHz)

Result

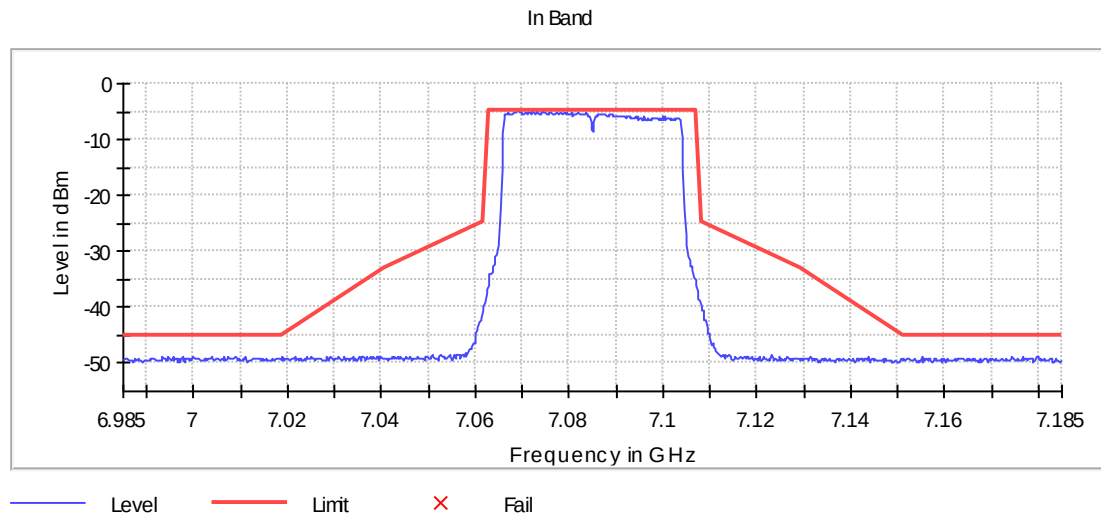
DUT Frequency (MHz)	Result
7085.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7074.375000	-4.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7073.125000	-4.9	0.0	-4.9	PASS
7072.125000	-4.9	0.0	-4.9	PASS
7069.125000	-4.9	0.0	-4.9	PASS
7068.125000	-5.0	0.1	-4.9	PASS
7071.375000	-5.1	0.2	-4.9	PASS
7071.625000	-5.1	0.2	-4.9	PASS
7068.625000	-5.1	0.2	-4.9	PASS
7073.375000	-5.1	0.2	-4.9	PASS
7072.625000	-5.1	0.2	-4.9	PASS
7079.125000	-5.1	0.2	-4.9	PASS
7070.625000	-5.1	0.2	-4.9	PASS
7075.875000	-5.2	0.3	-4.9	PASS
7069.875000	-5.2	0.3	-4.9	PASS
7074.875000	-5.2	0.3	-4.9	PASS
7068.875000	-5.2	0.3	-4.9	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.98500 GHz	6.98500 GHz
Stop Frequency	7.18500 GHz	7.18500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

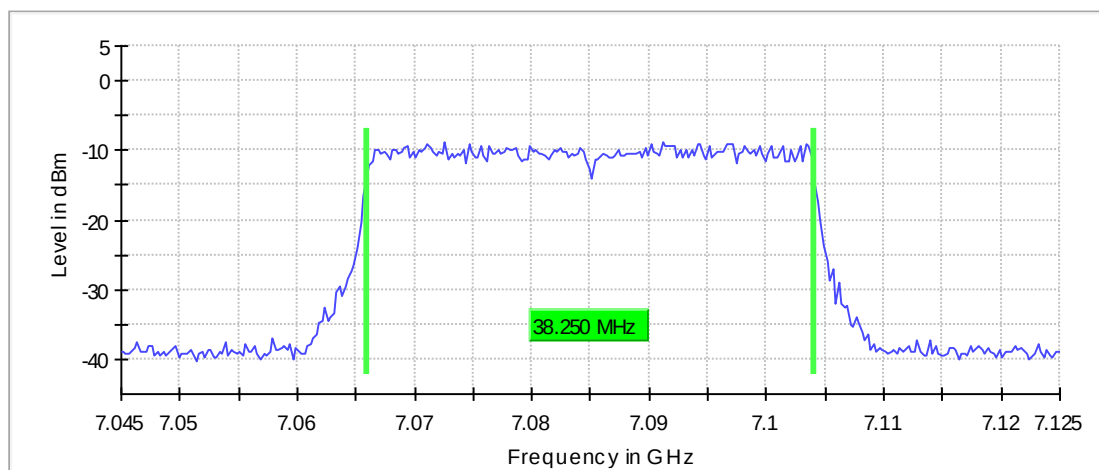
Occupied Channel Bandwidth 99% (7085 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

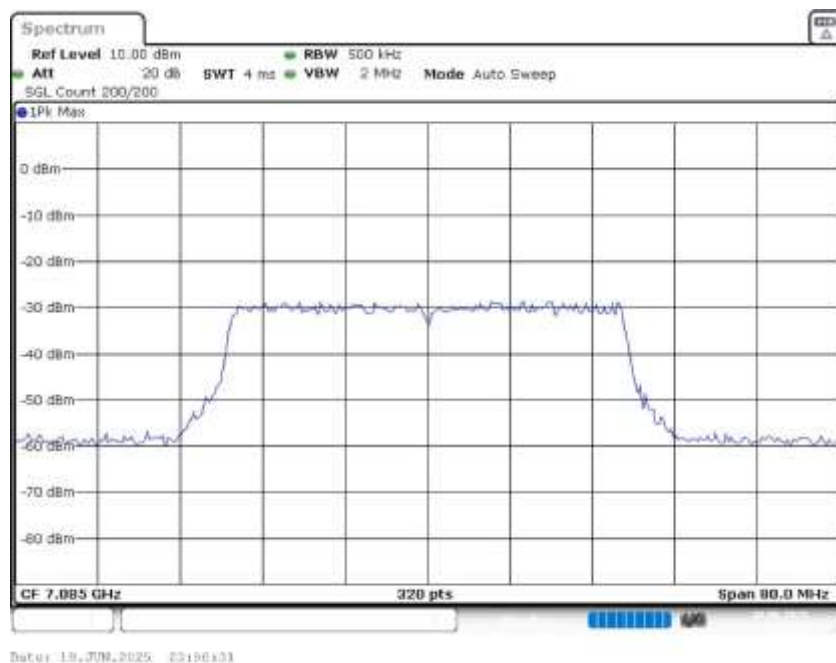
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7085.000000	38.250000	---	320.000000	7065.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7085.000000	7104.125000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.04500 GHz	7.04500 GHz
Stop Frequency	7.12500 GHz	7.12500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

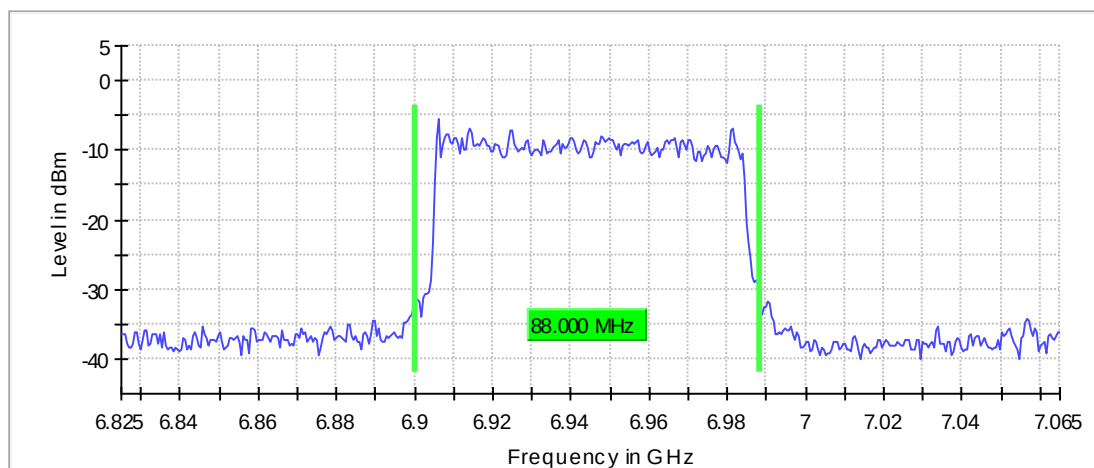
Emission Bandwidth 26 dB (6945 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

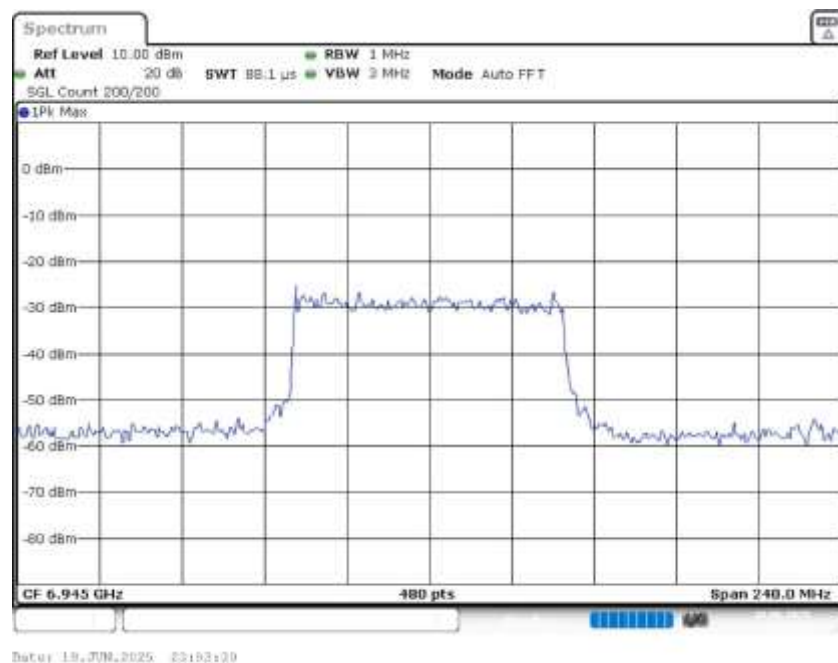
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6945.000000	88.000000	---	320.000000	6900.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6945.000000	6988.250000	---	-5.5	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	240.000 MHz	240.000 MHz
RBW	1.000 MHz	≥ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	480	~ 480
Sweptime	88.125 μ s	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (6945 MHz; 24.000 dBm; 80 MHz)

Result

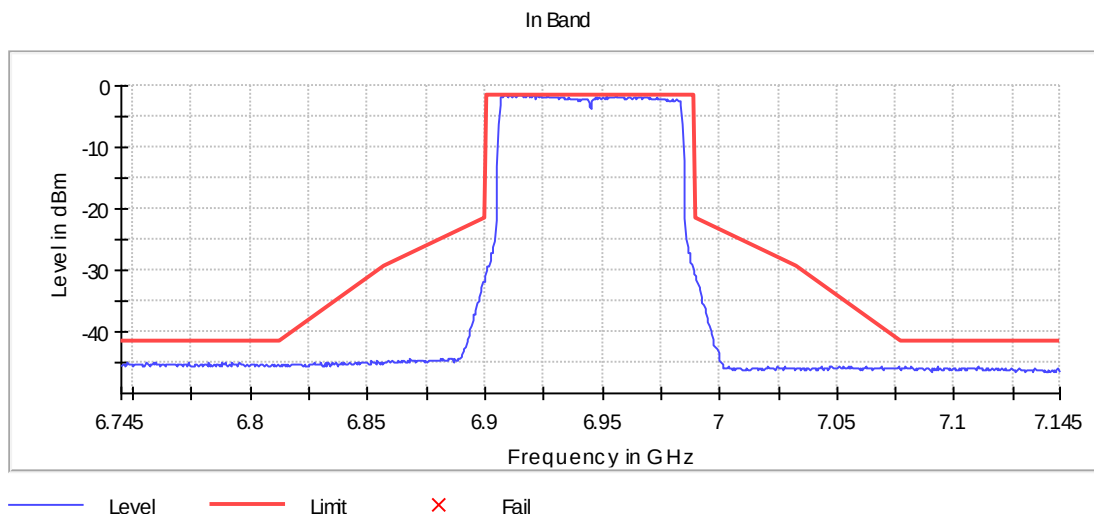
DUT Frequency (MHz)	Result
6945.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6909.250000	-1.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6909.250000	-1.4	0.0	-1.4	PASS
6910.250000	-1.5	0.0	-1.4	PASS
6918.750000	-1.5	0.1	-1.4	PASS
6915.750000	-1.5	0.1	-1.4	PASS
6920.750000	-1.5	0.1	-1.4	PASS
6916.750000	-1.6	0.1	-1.4	PASS
6917.250000	-1.6	0.1	-1.4	PASS
6908.750000	-1.6	0.2	-1.4	PASS
6922.250000	-1.6	0.2	-1.4	PASS
6918.250000	-1.6	0.2	-1.4	PASS
6912.250000	-1.6	0.2	-1.4	PASS
6915.250000	-1.6	0.2	-1.4	PASS
6919.750000	-1.6	0.2	-1.4	PASS
6910.750000	-1.6	0.2	-1.4	PASS
6913.750000	-1.6	0.2	-1.4	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.74500 GHz	6.74500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	400.000 MHz	400.000 MHz
RBW	1.000 MHz	≥ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

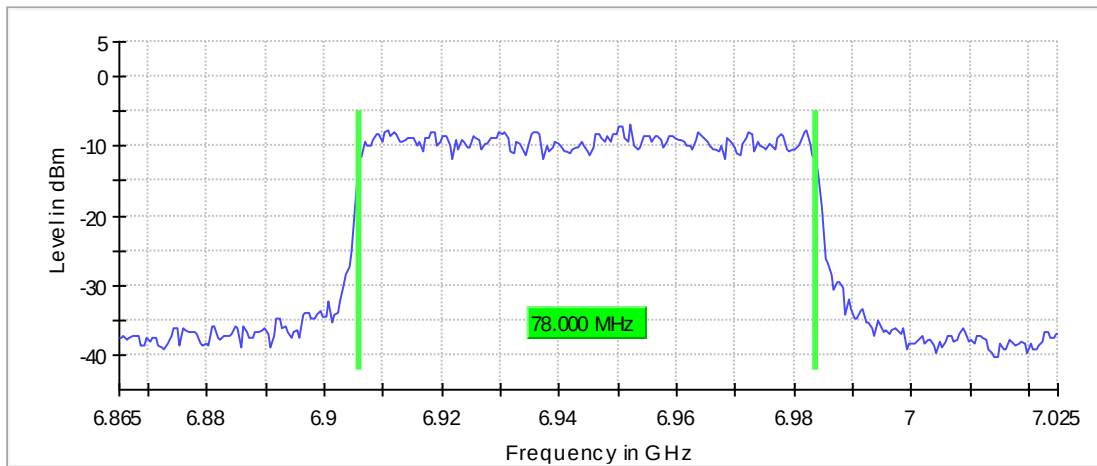
Occupied Channel Bandwidth 99% (6945 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

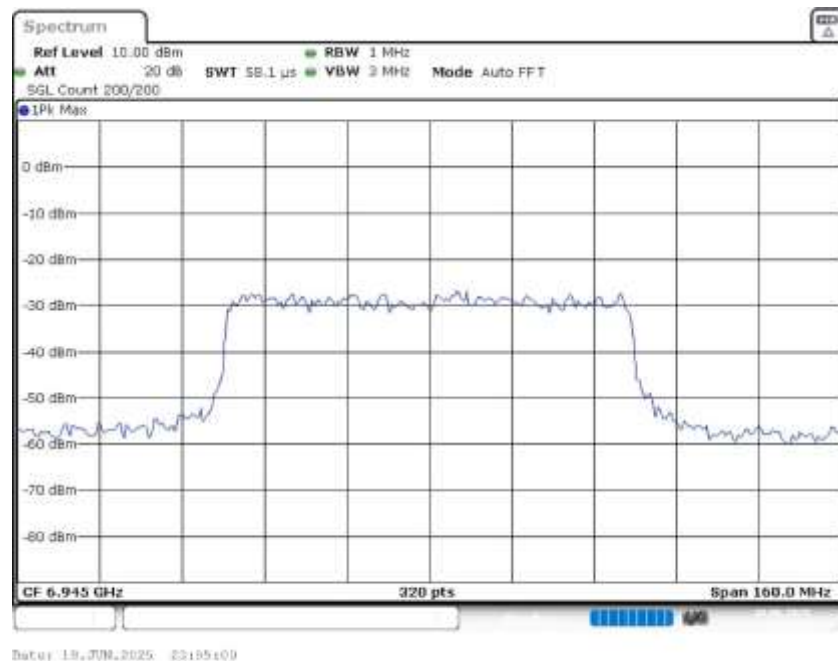
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6945.000000	78.000000	---	320.000000	6905.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6945.000000	6983.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.86500 GHz	6.86500 GHz
Stop Frequency	7.02500 GHz	7.02500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
Sweptime	58.125 μ s	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

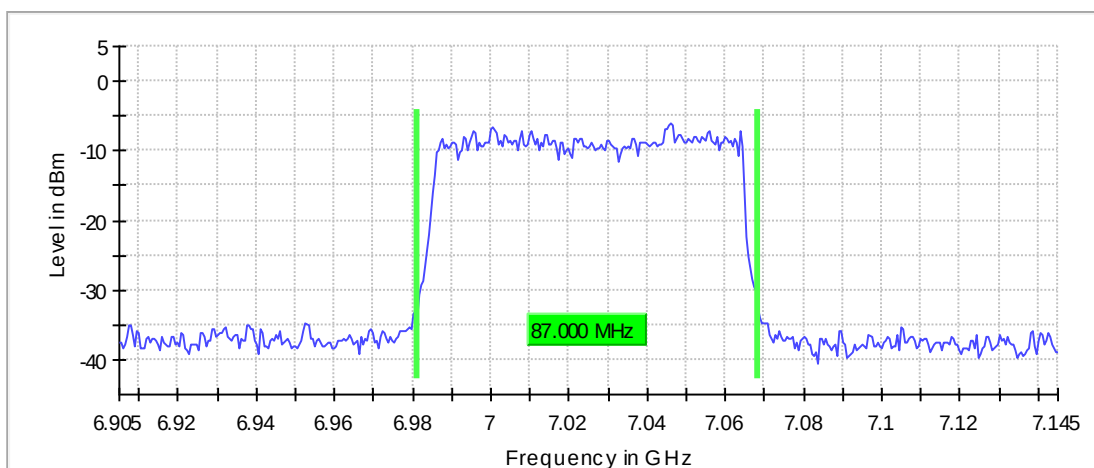
Emission Bandwidth 26 dB (7025 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

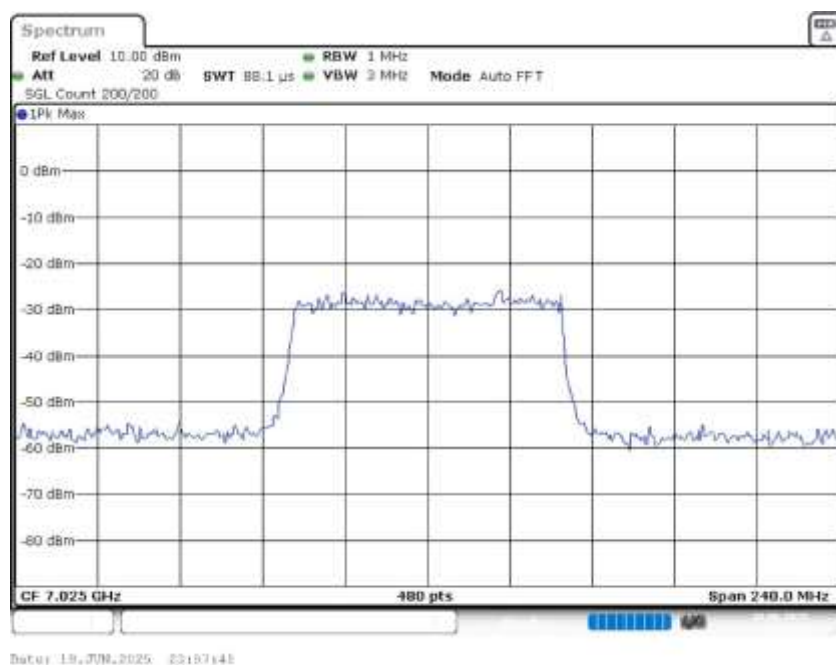
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7025.000000	87.000000	---	320.000000	6981.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7025.000000	7068.250000	---	-6.1	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.90500 GHz	6.90500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	240.000 MHz	240.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	480	~ 480
SweepTime	88.125 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (7025 MHz; 24.000 dBm; 80 MHz)

Result

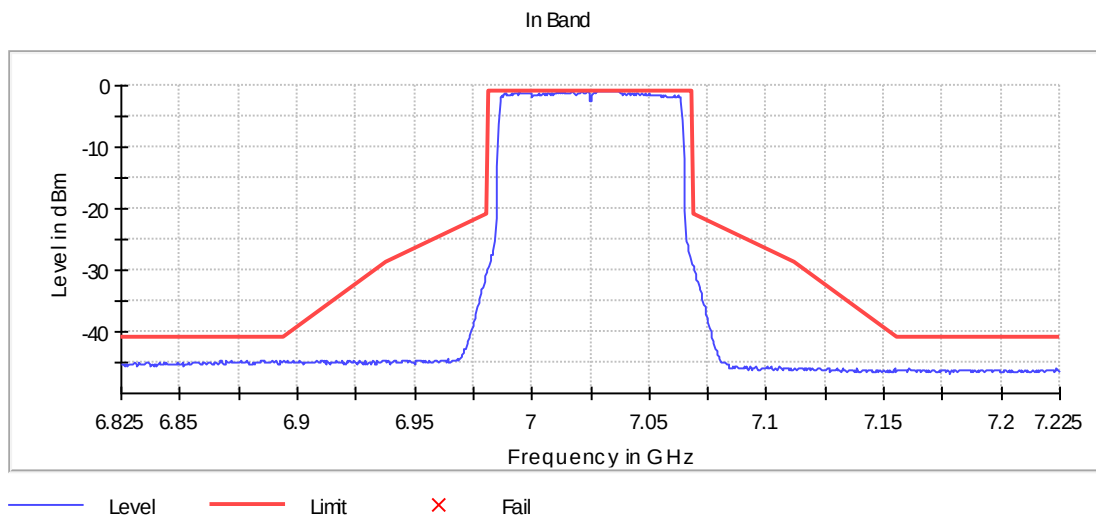
DUT Frequency (MHz)	Result
7025.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7029.750000	-0.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7029.750000	-0.8	0.0	-0.8	PASS
7033.250000	-0.8	0.0	-0.8	PASS
7033.750000	-0.9	0.1	-0.8	PASS
7028.750000	-0.9	0.1	-0.8	PASS
7036.250000	-0.9	0.1	-0.8	PASS
7030.250000	-0.9	0.1	-0.8	PASS
7032.250000	-0.9	0.1	-0.8	PASS
7028.250000	-0.9	0.1	-0.8	PASS
7030.750000	-0.9	0.1	-0.8	PASS
7027.750000	-0.9	0.2	-0.8	PASS
7032.750000	-0.9	0.2	-0.8	PASS
7035.250000	-0.9	0.2	-0.8	PASS
7034.250000	-1.0	0.2	-0.8	PASS
7035.750000	-1.0	0.2	-0.8	PASS
6994.750000	-1.0	0.2	-0.8	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	7.22500 GHz	7.22500 GHz
Span	400.000 MHz	400.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

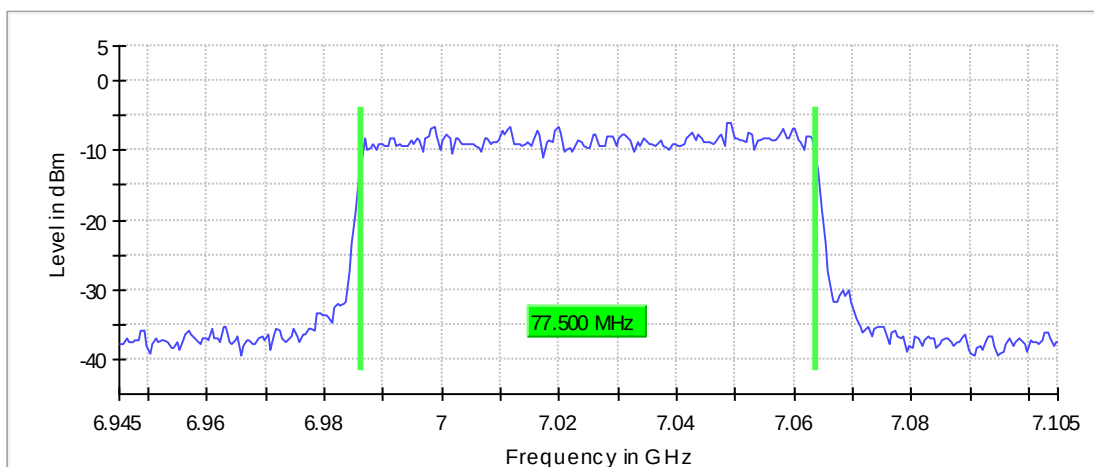
Occupied Channel Bandwidth 99% (7025 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

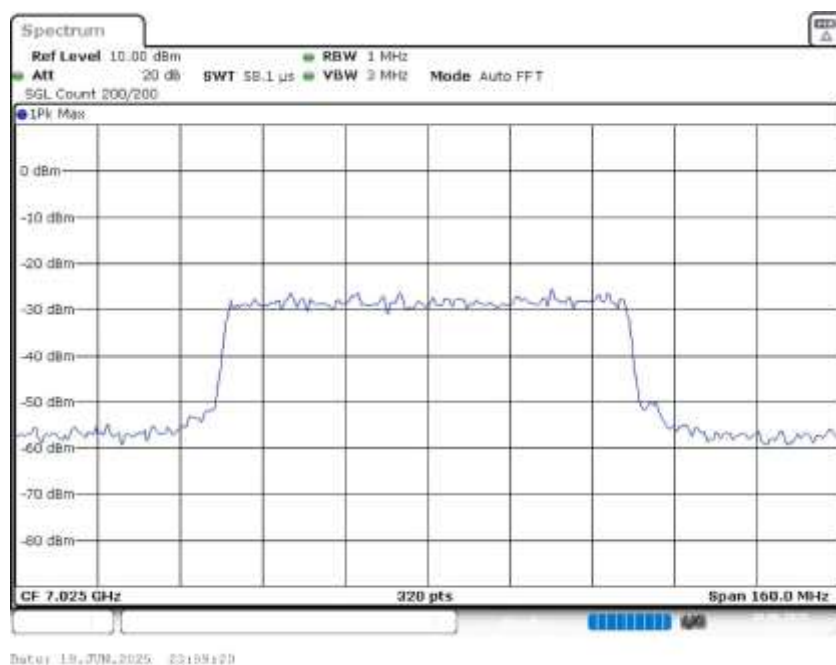
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7025.000000	77.500000	---	320.000000	6986.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7025.000000	7063.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.94500 GHz	6.94500 GHz
Stop Frequency	7.10500 GHz	7.10500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
SweepTime	58.125 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

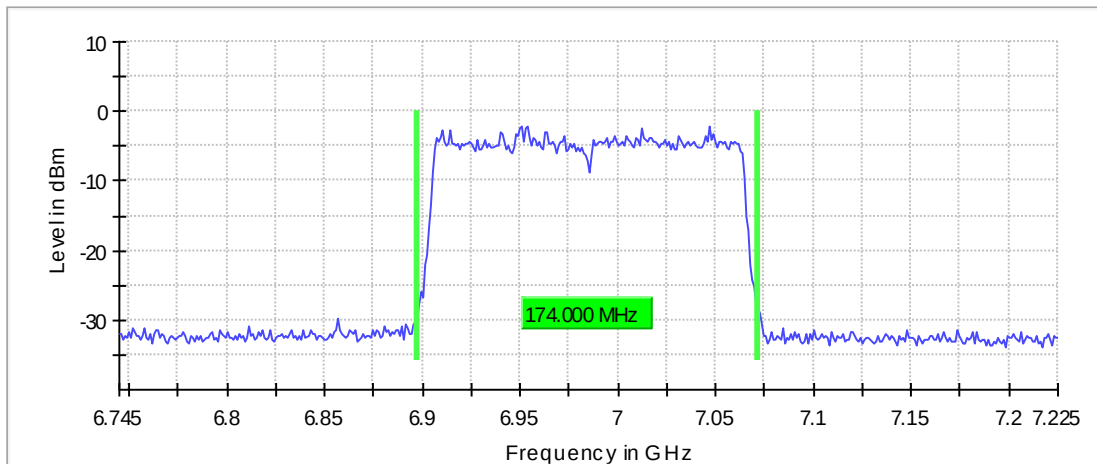
Emission Bandwidth 26 dB (6985 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

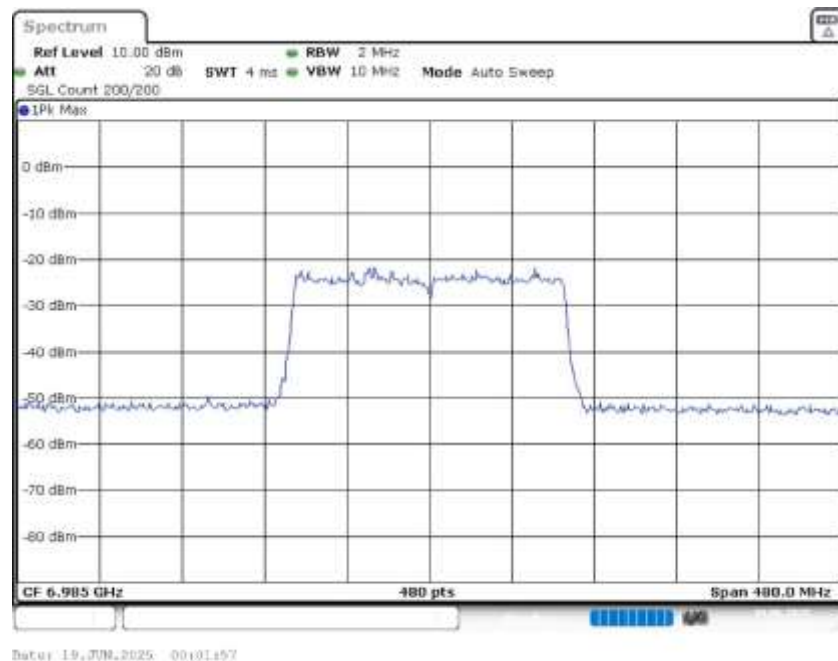
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6985.000000	174.000000	---	320.000000	6897.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6985.000000	7071.500000	---	-2.0	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.74500 GHz	6.74500 GHz
Stop Frequency	7.22500 GHz	7.22500 GHz
Span	480.000 MHz	480.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	480	~ 480
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

In-Band Emissions (6985 MHz; 24.000 dBm; 160 MHz)

Result

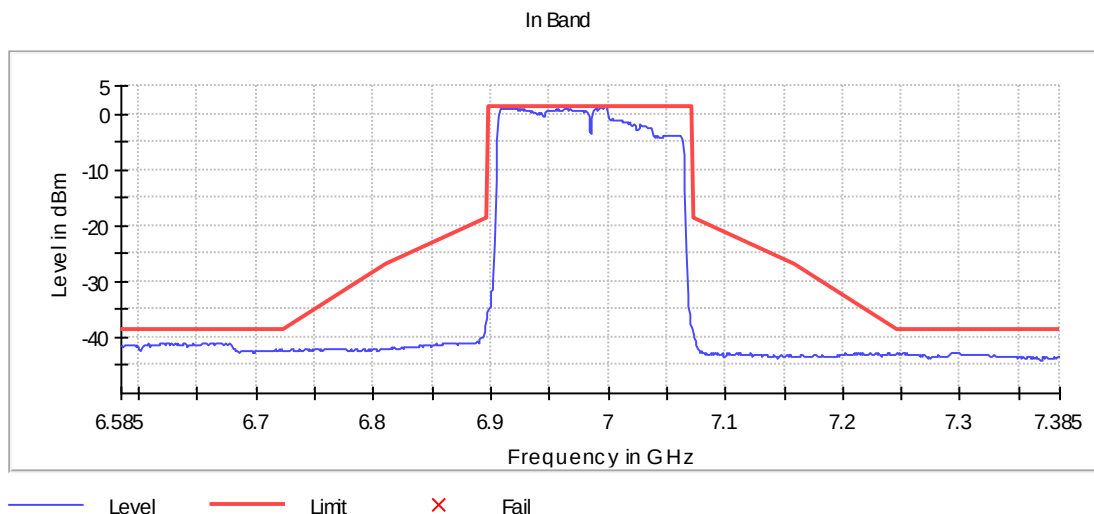
DUT Frequency (MHz)	Result
6985.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6994.500000	1.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6997.500000	1.2	0.0	1.2	PASS
6993.500000	1.1	0.1	1.2	PASS
6998.500000	1.1	0.1	1.2	PASS
6996.500000	1.0	0.1	1.2	PASS
6913.500000	1.0	0.2	1.2	PASS
6915.500000	1.0	0.2	1.2	PASS
6989.500000	1.0	0.2	1.2	PASS
6909.500000	1.0	0.2	1.2	PASS
6921.500000	1.0	0.2	1.2	PASS
6995.500000	1.0	0.2	1.2	PASS
6910.500000	0.9	0.3	1.2	PASS
6917.500000	0.9	0.3	1.2	PASS
6992.500000	0.9	0.3	1.2	PASS
6916.500000	0.9	0.3	1.2	PASS
6911.500000	0.9	0.3	1.2	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.58500 GHz	6.58500 GHz
Stop Frequency	7.38500 GHz	7.38500 GHz
Span	800.000 MHz	800.000 MHz
RBW	2.000 MHz	≥ 2.000 MHz
VBW	10.000 MHz	≥ 6.000 MHz
SweepPoints	800	~ 800
SweepTime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

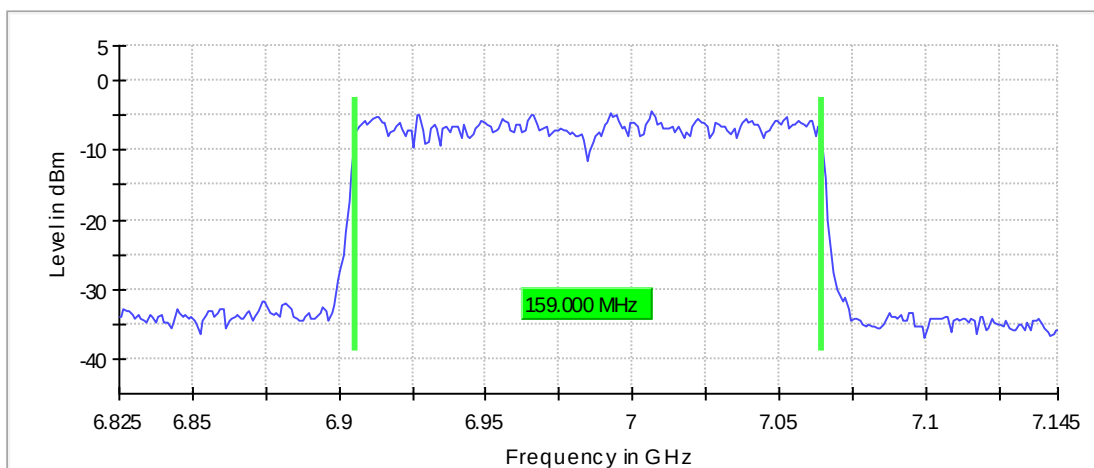
Occupied Channel Bandwidth 99% (6985 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6985.000000	159.000000	---	320.000000	6905.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6985.000000	7064.500000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	7.14500 GHz	7.14500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320
Sweptime	32.813 μ s	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Tx Spurious Emission (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

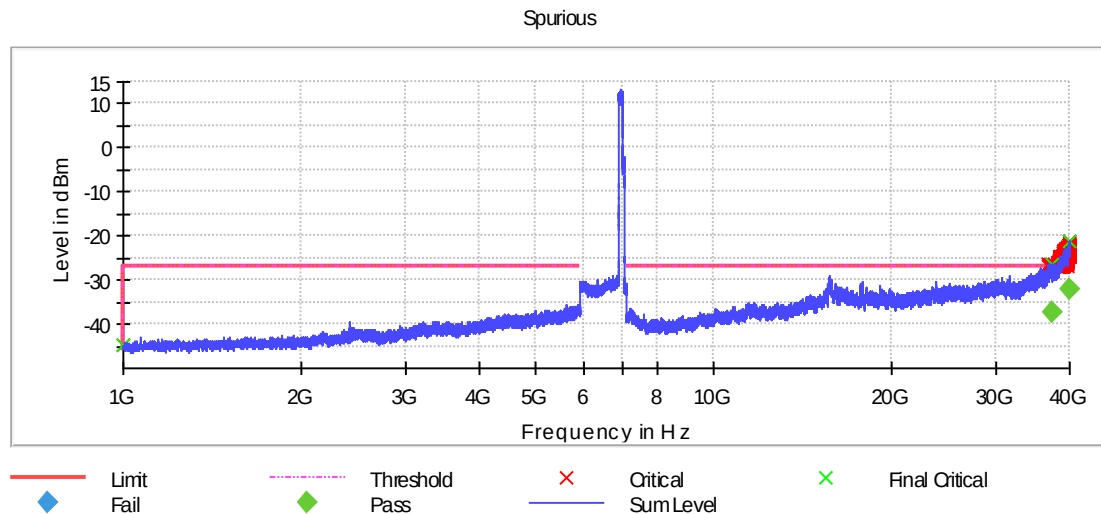
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
1000.000000	-44.9	-57.7	-45.9	11.8	PASS
37340.250000	-26.5	-37.3	-27.0	10.3	PASS
39983.750000	-21.3	-32.0	-27.0	5.0	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39983.750000	-21.3	-5.7	-27.0
39957.750000	-21.3	-5.7	-27.0
39903.250000	-21.8	-5.2	-27.0
39972.750000	-21.9	-5.1	-27.0
39994.750000	-22.0	-5.0	-27.0
39955.750000	-22.0	-5.0	-27.0
39949.750000	-22.1	-4.9	-27.0
39962.750000	-22.1	-4.9	-27.0
39957.250000	-22.1	-4.9	-27.0
39933.250000	-22.2	-4.8	-27.0
39971.750000	-22.2	-4.8	-27.0
39971.250000	-22.2	-4.8	-27.0
39991.750000	-22.2	-4.8	-27.0
39946.250000	-22.2	-4.8	-27.0
39989.250000	-22.2	-4.8	-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



Emissions in restricted frequency bands (Average) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

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

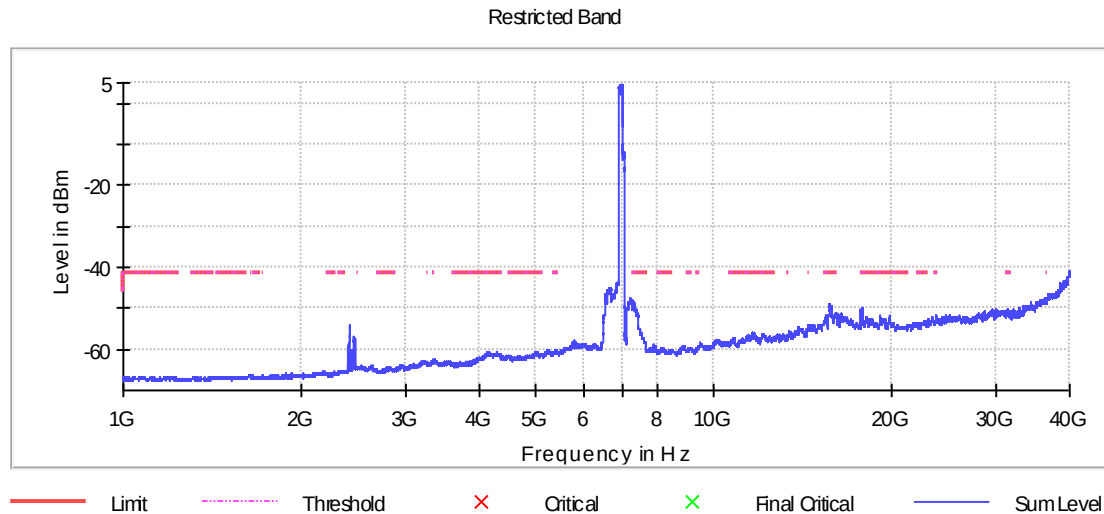
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36492.140871	-48.0	6.8	-41.2
36487.328521	-48.0	6.8	-41.2
36499.015656	-48.1	6.9	-41.2
36492.828349	-48.1	6.9	-41.2
36498.328177	-48.1	6.9	-41.2
36474.266429	-48.1	6.9	-41.2
36499.703134	-48.1	6.9	-41.2
36494.890785	-48.1	6.9	-41.2
36490.765914	-48.1	6.9	-41.2
36480.453736	-48.2	7.0	-41.2
36489.390957	-48.2	7.0	-41.2
36493.515828	-48.2	7.0	-41.2
36496.953220	-48.2	7.0	-41.2
36477.703822	-48.2	7.0	-41.2
36484.578607	-48.2	7.0	-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) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

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

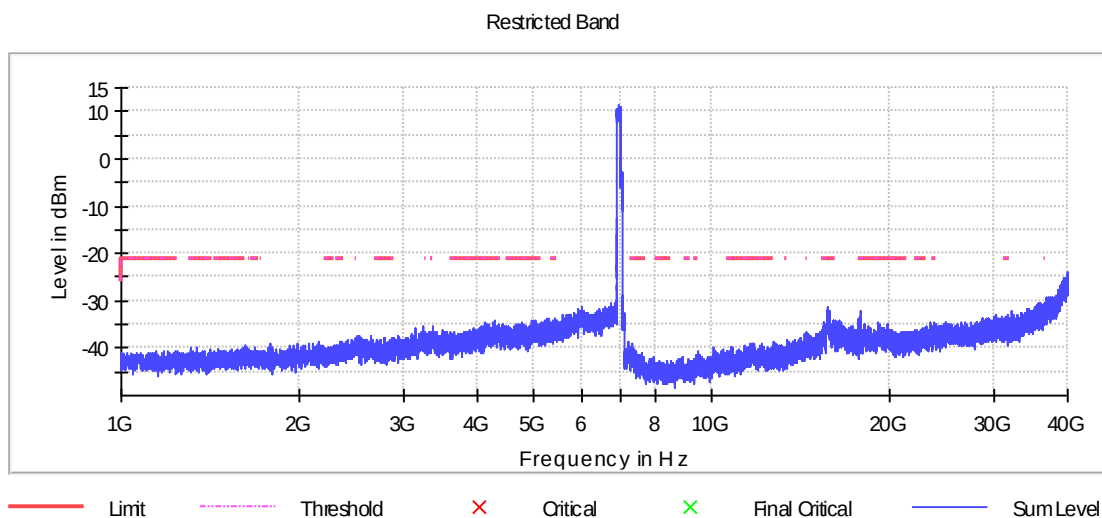
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36488.703478	-31.3	10.1	-21.2
36481.141214	-31.4	10.2	-21.2
15717.750000	-31.5	10.3	-21.2
36487.328521	-31.7	10.5	-21.2
36474.266429	-31.7	10.5	-21.2
36499.015656	-31.7	10.5	-21.2
36437.830068	-31.8	10.6	-21.2
36439.892503	-31.8	10.6	-21.2
15720.750000	-31.9	10.7	-21.2
36450.892160	-31.9	10.7	-21.2
36499.703134	-31.9	10.7	-21.2
36461.891816	-31.9	10.7	-21.2
17780.250000	-32.0	10.8	-21.2

15825.250000	-32.1	10.9	-21.2
36481.828693	-32.1	10.9	-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



In-Band Emissions (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Inband Peak

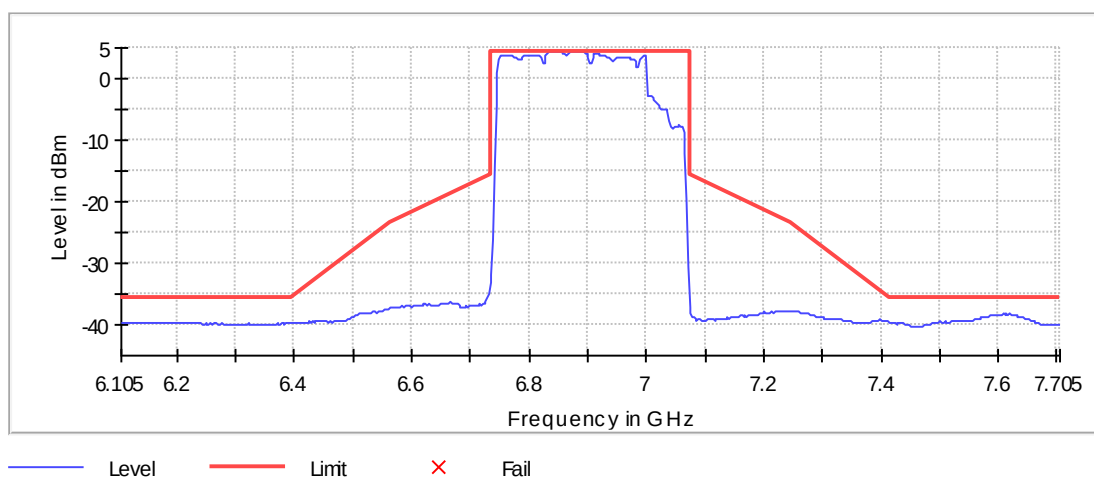
Frequency (MHz)	Level (dBm)
6873.750000	4.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6888.750000	4.5	0.0	4.5	PASS
6871.250000	4.5	0.0	4.5	PASS
6878.750000	4.4	0.1	4.5	PASS
6876.250000	4.4	0.1	4.5	PASS
6851.250000	4.4	0.1	4.5	PASS
6881.250000	4.4	0.1	4.5	PASS
6848.750000	4.4	0.1	4.5	PASS
6846.250000	4.4	0.2	4.5	PASS
6886.250000	4.4	0.2	4.5	PASS

6883.750000	4.4	0.2	4.5	PASS
6868.750000	4.3	0.2	4.5	PASS
6843.750000	4.3	0.2	4.5	PASS
6853.750000	4.3	0.2	4.5	PASS
6856.250000	4.3	0.2	4.5	PASS
6833.750000	4.3	0.2	4.5	PASS

In Band



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.10500 GHz	6.10500 GHz
Stop Frequency	7.70500 GHz	7.70500 GHz
Span	1.600 GHz	1.600 GHz
RBW	5.000 MHz	>= 5.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	640	~ 640
SweepTime	6.400 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

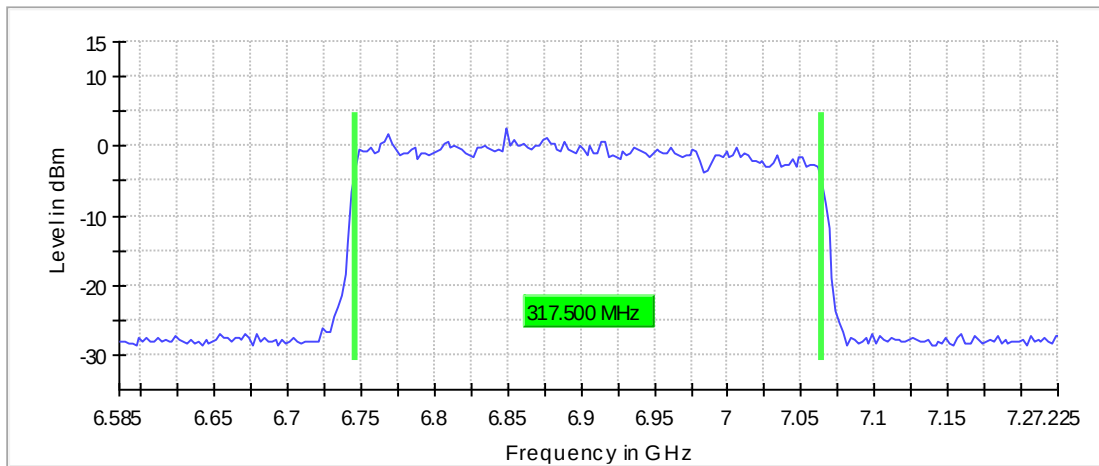
Occupied Channel Bandwidth 99% (6905 MHz; 24.000 dBm; 320 MHz)

99 % Bandwidth

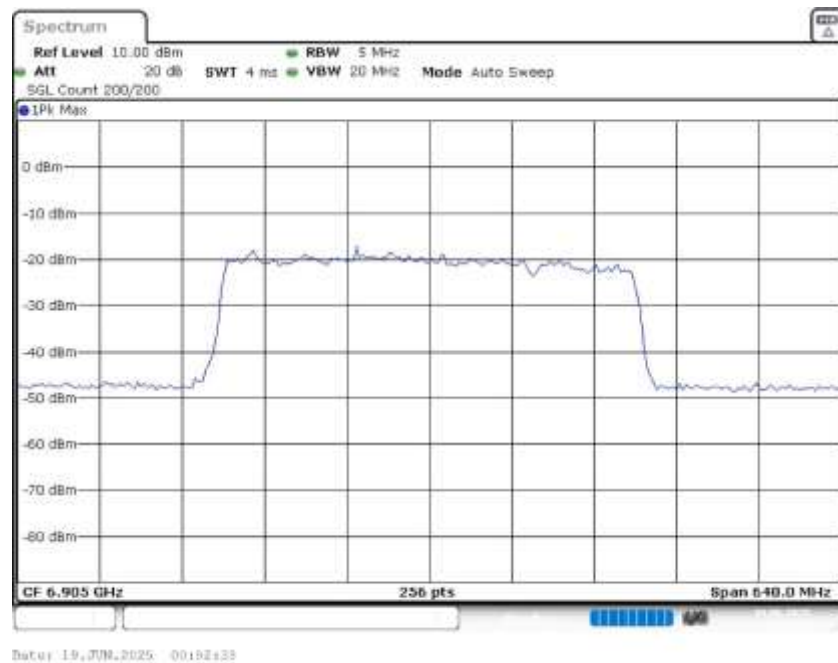
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6905.000000	317.500000	128.750000	188.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6905.000000	6746.250000	5925.000000	7063.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.58500 GHz	6.58500 GHz
Stop Frequency	7.22500 GHz	7.22500 GHz
Span	640.000 MHz	640.000 MHz
RBW	5.000 MHz	>= 5.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	256	~ 256
Sweptime	4.000 ms	AUTO
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Tx Spurious Emission (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

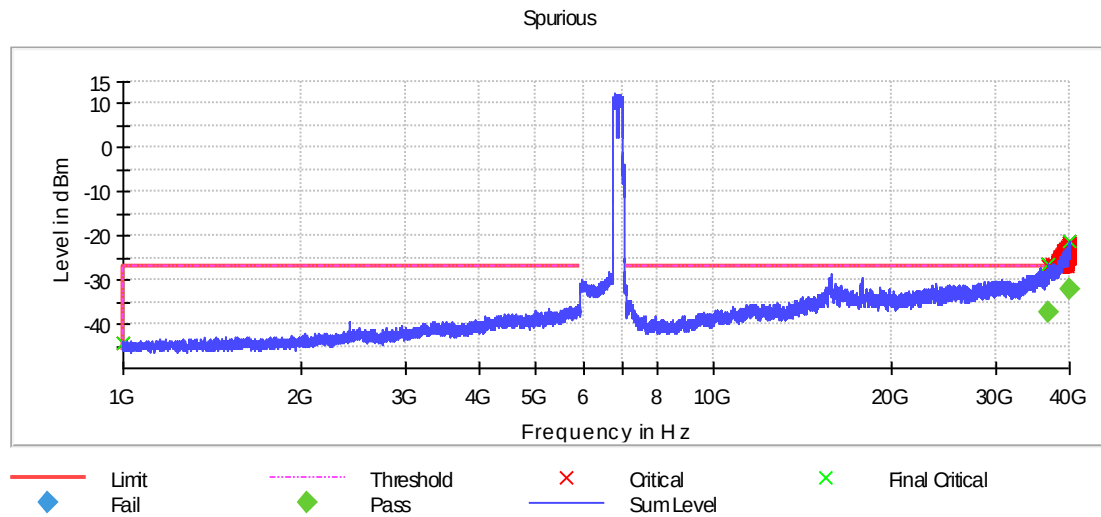
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
1000.000000	-44.2	-57.7	-45.9	11.8	PASS
36927.750000	-26.4	-37.2	-27.0	10.2	PASS
39974.250000	-21.4	-32.1	-27.0	5.1	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39974.250000	-21.4	-5.6	-27.0
39941.750000	-21.6	-5.4	-27.0
39985.250000	-21.6	-5.4	-27.0
39948.750000	-21.8	-5.2	-27.0
39954.750000	-21.8	-5.2	-27.0
39948.250000	-21.9	-5.1	-27.0
39961.750000	-22.0	-5.0	-27.0
39921.250000	-22.0	-5.0	-27.0
39997.750000	-22.1	-4.9	-27.0
39960.250000	-22.1	-4.9	-27.0
39901.250000	-22.1	-4.9	-27.0
39994.750000	-22.1	-4.9	-27.0
39945.250000	-22.1	-4.9	-27.0
39952.750000	-22.1	-4.9	-27.0
39974.750000	-22.1	-4.9	-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



Emissions in restricted frequency bands (Average) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

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

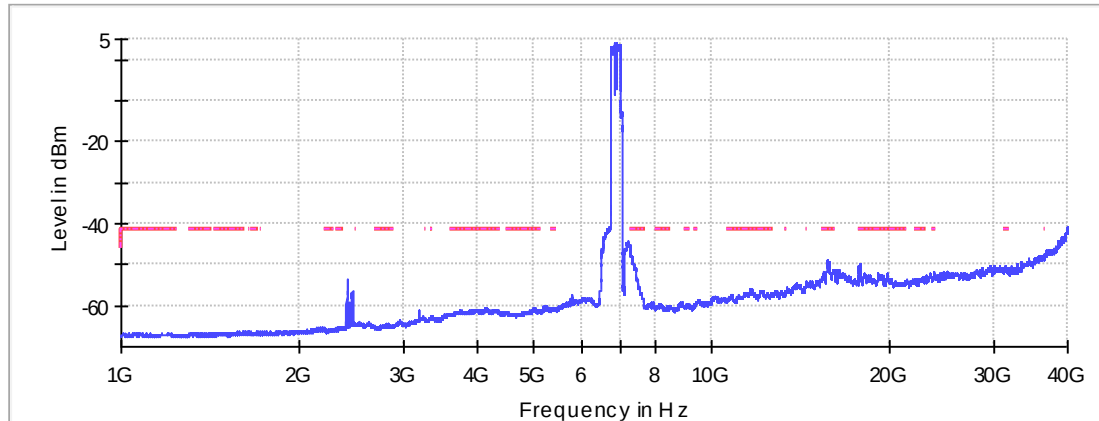
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.250000	-45.5	4.3	-41.2
7253.250000	-45.5	4.3	-41.2
7250.250000	-45.6	4.4	-41.2
7251.250000	-45.6	4.4	-41.2
7250.750000	-45.6	4.4	-41.2
7252.750000	-45.6	4.4	-41.2
7251.750000	-45.7	4.5	-41.2
7254.750000	-45.8	4.6	-41.2
7255.250000	-45.8	4.6	-41.2
7253.750000	-45.9	4.7	-41.2
7254.250000	-45.9	4.7	-41.2
7255.750000	-46.0	4.8	-41.2
7257.750000	-46.0	4.8	-41.2
7256.250000	-46.0	4.8	-41.2
7258.250000	-46.0	4.8	-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



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

Emissions in restricted frequency bands (Peak) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

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

Pre Measurements

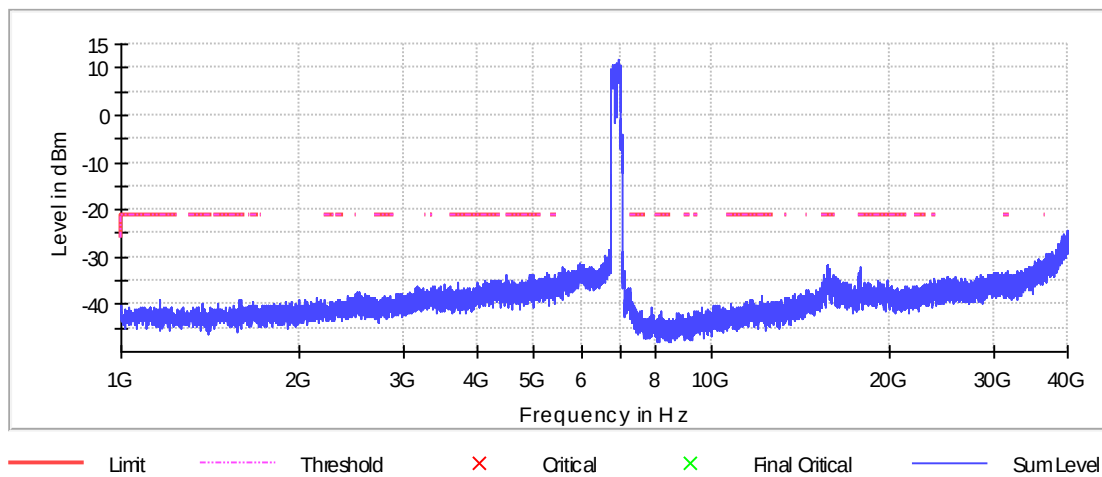
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36495.578263	-31.3	10.1	-21.2
36498.328177	-31.5	10.3	-21.2
36483.891128	-31.6	10.4	-21.2
15730.250000	-31.8	10.6	-21.2
15731.750000	-31.8	10.6	-21.2
15720.750000	-31.9	10.7	-21.2
36443.329896	-31.9	10.7	-21.2
36442.642417	-31.9	10.7	-21.2
15700.750000	-31.9	10.7	-21.2
36450.204681	-32.0	10.8	-21.2
36479.078779	-32.0	10.8	-21.2

36448.142246	-32.0	10.8	-21.2
36446.767289	-32.1	10.9	-21.2
36481.828693	-32.1	10.9	-21.2
15728.250000	-32.1	10.9	-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



Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emissions in restricted frequency bands (Average)	7115.000	24.0	20.000000	PASS
Emissions in restricted frequency bands (Peak)	7115.000	24.0	20.000000	PASS
Emissions in restricted frequency bands (Average)	7085.000	24.0	40.000000	PASS
Emissions in restricted frequency bands (Peak)	7085.000	24.0	40.000000	PASS
Emissions in restricted frequency bands (Average)	7025.000	24.0	80.000000	PASS
Emissions in restricted frequency bands (Peak)	7025.000	24.0	80.000000	PASS
Emissions in restricted frequency bands (Average)	6985.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6985.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6905.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6905.000	24.0	320.000000	PASS

Emissions in restricted frequency bands (Average) (7115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
7115.000000	PASS

Final measurements

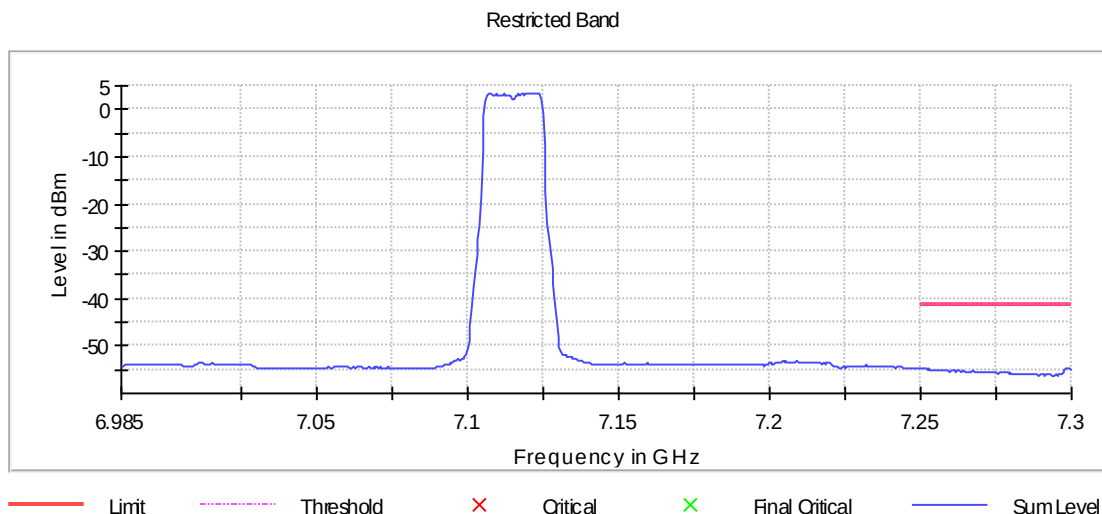
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7251.250000	-54.7	13.5	-41.2
7298.750000	-54.8	13.6	-41.2
7250.250000	-54.8	13.6	-41.2
7250.750000	-54.8	13.6	-41.2
7298.250000	-54.9	13.7	-41.2
7299.250000	-54.9	13.7	-41.2
7251.750000	-54.9	13.7	-41.2
7252.750000	-54.9	13.7	-41.2
7252.250000	-54.9	13.7	-41.2
7253.250000	-55.0	13.8	-41.2
7300.000000	-55.0	13.8	-41.2
7299.750000	-55.0	13.8	-41.2
7256.250000	-55.0	13.8	-41.2
7257.250000	-55.0	13.8	-41.2
7257.750000	-55.1	13.9	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	630	~ 630
SweepTime	4.000 ms	AUTO
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 dB	0.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Peak) (7115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
7115.000000	PASS

Final measurements

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

Pre Measurements

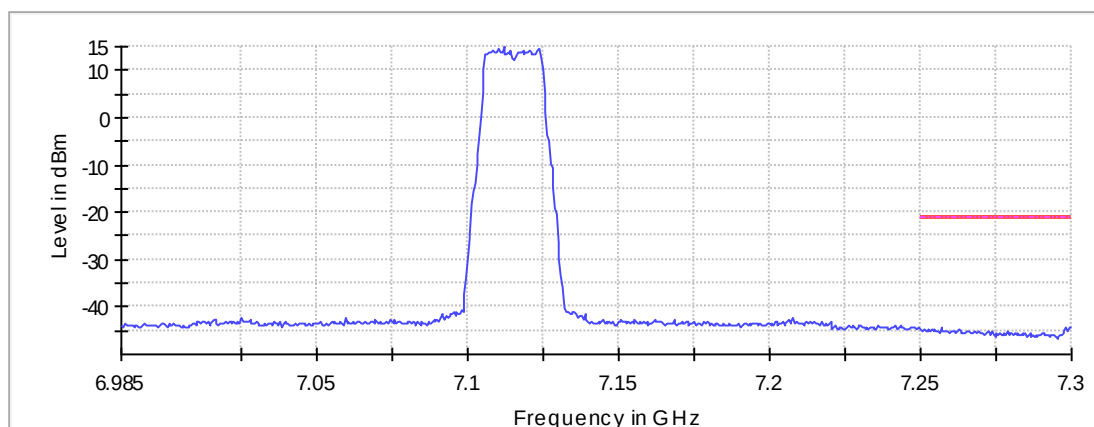
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7299.250000	-44.2	23.0	-21.2
7298.250000	-44.3	23.1	-21.2
7300.000000	-44.4	23.2	-21.2
7299.750000	-44.4	23.2	-21.2

7256.750000	-44.5	23.3	-21.2
7252.750000	-44.5	23.3	-21.2
7250.250000	-44.6	23.4	-21.2
7254.750000	-44.6	23.4	-21.2
7251.250000	-44.7	23.5	-21.2
7262.750000	-44.7	23.5	-21.2
7253.750000	-44.8	23.6	-21.2
7250.750000	-44.9	23.7	-21.2
7298.750000	-44.9	23.7	-21.2
7255.750000	-45.0	23.8	-21.2
7265.750000	-45.0	23.8	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



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

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	630	~ 630
SweepTime	1.000 s	1.000 s
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Average) (7085 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
7085.000000	PASS

Final measurements

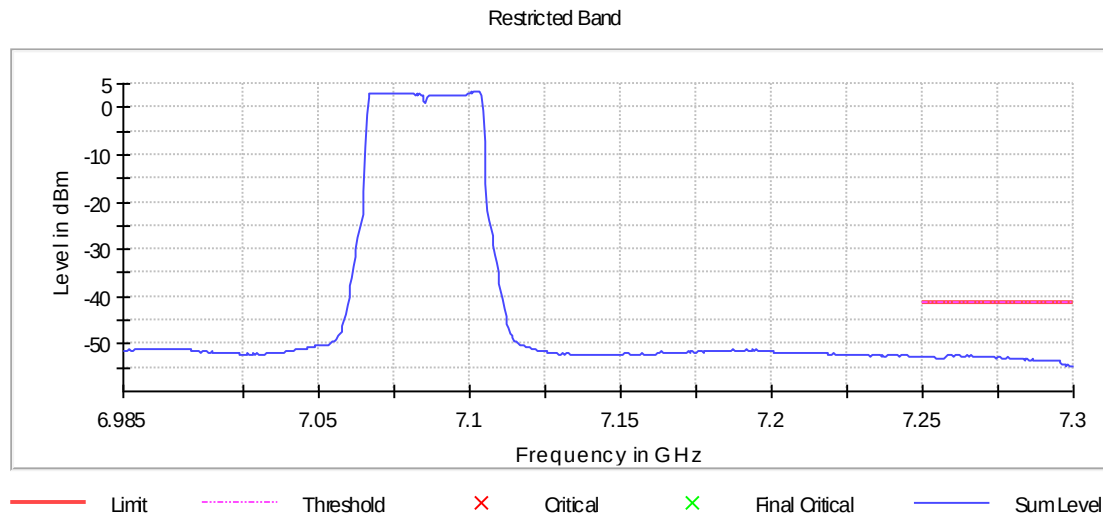
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7258.750000	-52.1	10.9	-41.2
7260.750000	-52.3	11.1	-41.2
7259.250000	-52.3	11.1	-41.2
7261.750000	-52.3	11.1	-41.2
7261.250000	-52.3	11.1	-41.2
7258.250000	-52.4	11.2	-41.2
7262.250000	-52.4	11.2	-41.2
7259.750000	-52.4	11.2	-41.2
7265.750000	-52.4	11.2	-41.2
7266.250000	-52.4	11.2	-41.2
7264.750000	-52.5	11.3	-41.2
7260.250000	-52.5	11.3	-41.2
7267.250000	-52.5	11.3	-41.2
7263.250000	-52.5	11.3	-41.2
7265.250000	-52.5	11.3	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1



Emissions in restricted frequency bands (Peak) (7085 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
7085.000000	PASS

Final measurements

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

Pre Measurements

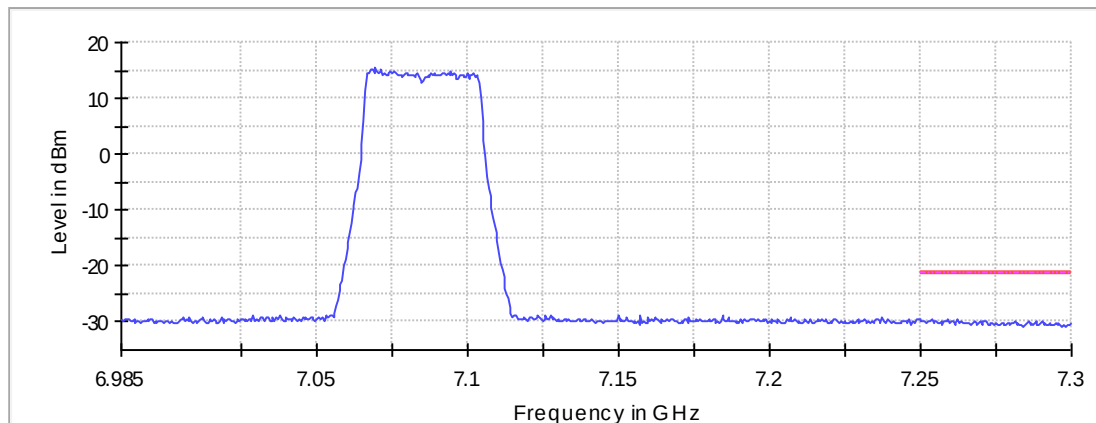
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7262.250000	-29.5	8.3	-21.2
7259.250000	-29.5	8.3	-21.2
7253.750000	-29.6	8.4	-21.2
7271.750000	-29.7	8.5	-21.2
7252.250000	-29.7	8.5	-21.2
7263.250000	-29.7	8.5	-21.2
7251.250000	-29.7	8.5	-21.2
7267.750000	-29.7	8.5	-21.2
7271.250000	-29.8	8.6	-21.2
7254.750000	-29.8	8.6	-21.2
7256.750000	-29.8	8.6	-21.2
7260.250000	-29.8	8.6	-21.2
7257.750000	-29.8	8.6	-21.2
7250.250000	-29.9	8.7	-21.2
7255.250000	-29.9	8.7	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
-----------------------	----------------------	-----------------	-------------------

6985.000000	7300.000000	1	1
-------------	-------------	---	---

Restricted Band



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

Emissions in restricted frequency bands (Average) (7025 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
7025.000000	PASS

Final measurements

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

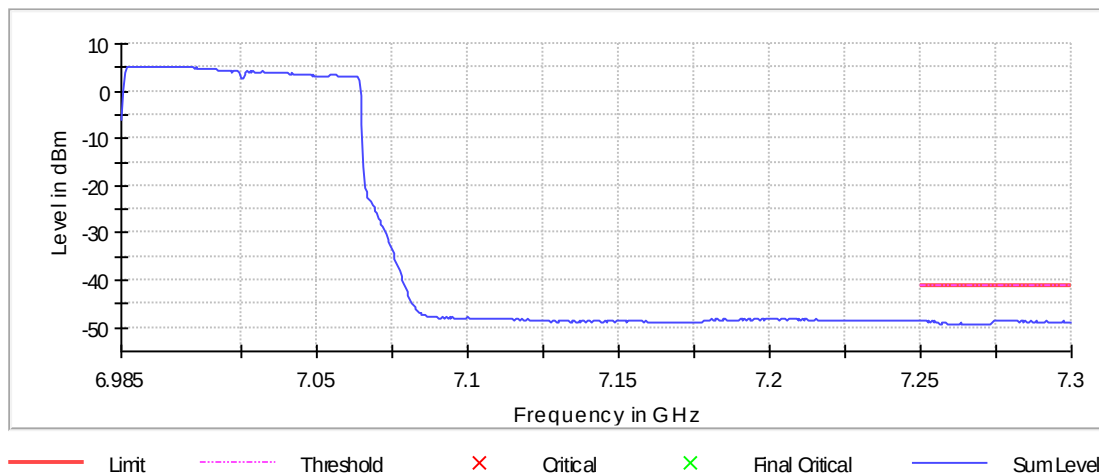
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7277.750000	-48.4	7.2	-41.2
7279.250000	-48.4	7.2	-41.2
7277.250000	-48.4	7.2	-41.2
7280.750000	-48.4	7.2	-41.2
7275.250000	-48.4	7.2	-41.2
7279.750000	-48.5	7.3	-41.2
7274.750000	-48.5	7.3	-41.2
7276.250000	-48.5	7.3	-41.2
7276.750000	-48.5	7.3	-41.2
7275.750000	-48.5	7.3	-41.2
7251.750000	-48.5	7.3	-41.2
7284.750000	-48.6	7.4	-41.2
7281.250000	-48.6	7.4	-41.2
7286.750000	-48.6	7.4	-41.2
7282.250000	-48.6	7.4	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



Emissions in restricted frequency bands (Peak) (7025 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
7025.000000	PASS

Final measurements

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

Pre Measurements

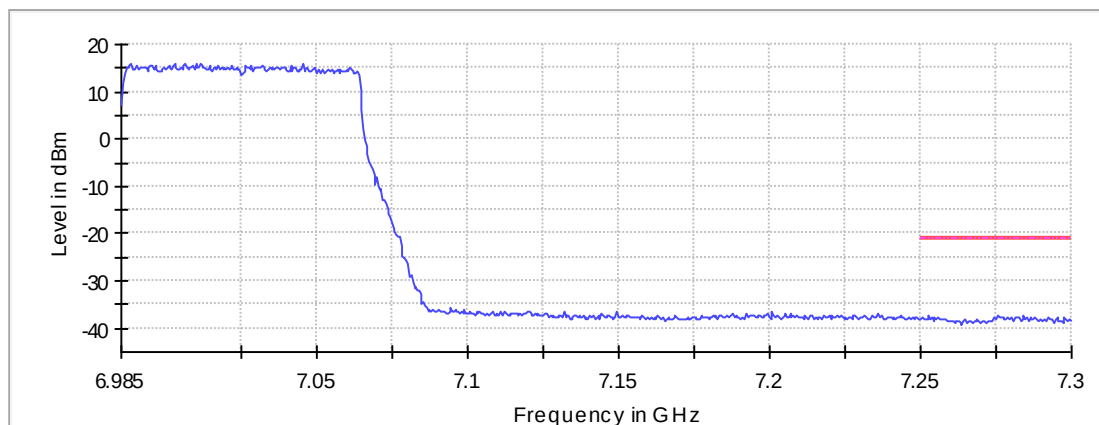
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.750000	-37.2	16.0	-21.2
7275.750000	-37.3	16.1	-21.2
7284.250000	-37.3	16.1	-21.2
7287.750000	-37.5	16.3	-21.2
7254.750000	-37.5	16.3	-21.2
7295.250000	-37.6	16.4	-21.2
7281.250000	-37.6	16.4	-21.2
7282.750000	-37.6	16.4	-21.2
7276.750000	-37.7	16.5	-21.2
7274.250000	-37.7	16.5	-21.2
7255.750000	-37.7	16.5	-21.2
7277.250000	-37.8	16.6	-21.2
7292.250000	-37.8	16.6	-21.2
7276.250000	-37.8	16.6	-21.2

7280.250000	-37.8	16.6	-21.2
-------------	-------	------	-------

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



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

Emissions in restricted frequency bands (Average) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

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

Pre Measurements

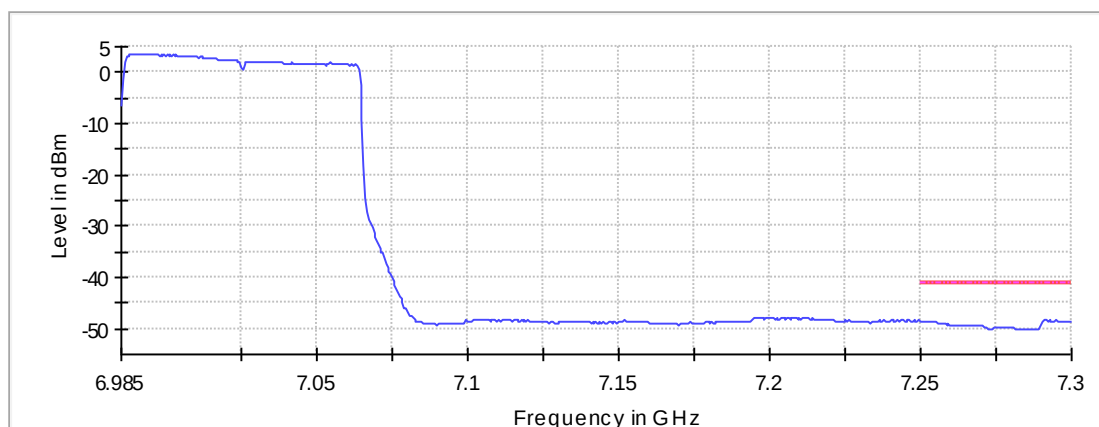
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7291.250000	-48.3	7.1	-41.2
7292.750000	-48.3	7.1	-41.2
7291.750000	-48.3	7.1	-41.2
7290.750000	-48.4	7.2	-41.2
7294.750000	-48.4	7.2	-41.2
7298.250000	-48.5	7.3	-41.2
7251.250000	-48.5	7.3	-41.2
7292.250000	-48.5	7.3	-41.2
7293.250000	-48.5	7.3	-41.2
7293.750000	-48.5	7.3	-41.2
7294.250000	-48.6	7.4	-41.2
7250.750000	-48.6	7.4	-41.2

7296.750000	-48.6	7.4	-41.2
7250.250000	-48.6	7.4	-41.2
7295.750000	-48.6	7.4	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



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

Emissions in restricted frequency bands (Peak) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

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

Pre Measurements

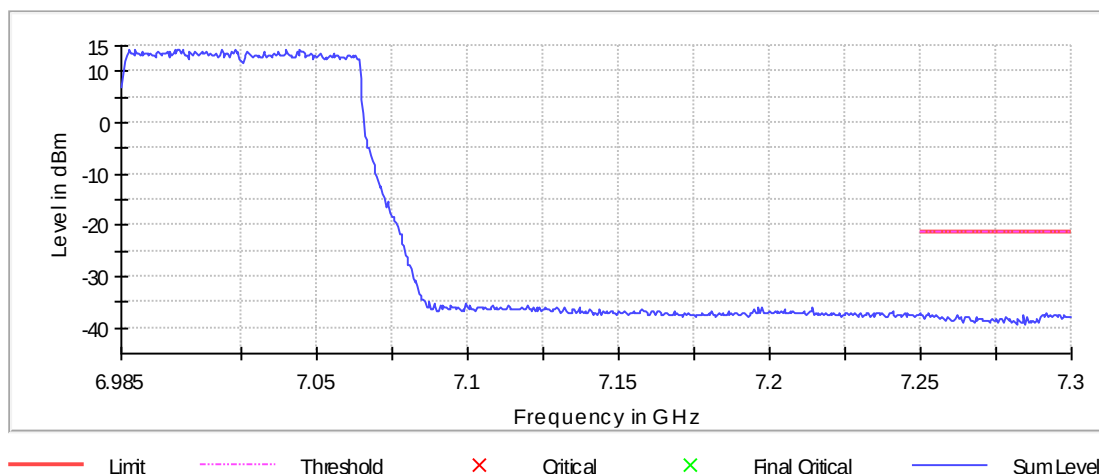
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7291.750000	-37.2	16.0	-21.2
7252.750000	-37.3	16.1	-21.2
7290.750000	-37.3	16.1	-21.2
7250.250000	-37.3	16.1	-21.2
7292.750000	-37.4	16.2	-21.2
7250.750000	-37.4	16.2	-21.2
7262.250000	-37.4	16.2	-21.2
7294.250000	-37.4	16.2	-21.2
7255.250000	-37.5	16.3	-21.2
7251.750000	-37.6	16.4	-21.2

7294.750000	-37.6	16.4	-21.2
7293.250000	-37.6	16.4	-21.2
7290.250000	-37.6	16.4	-21.2
7252.250000	-37.6	16.4	-21.2
7297.750000	-37.6	16.4	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



Emissions in restricted frequency bands (Average) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

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

Pre Measurements

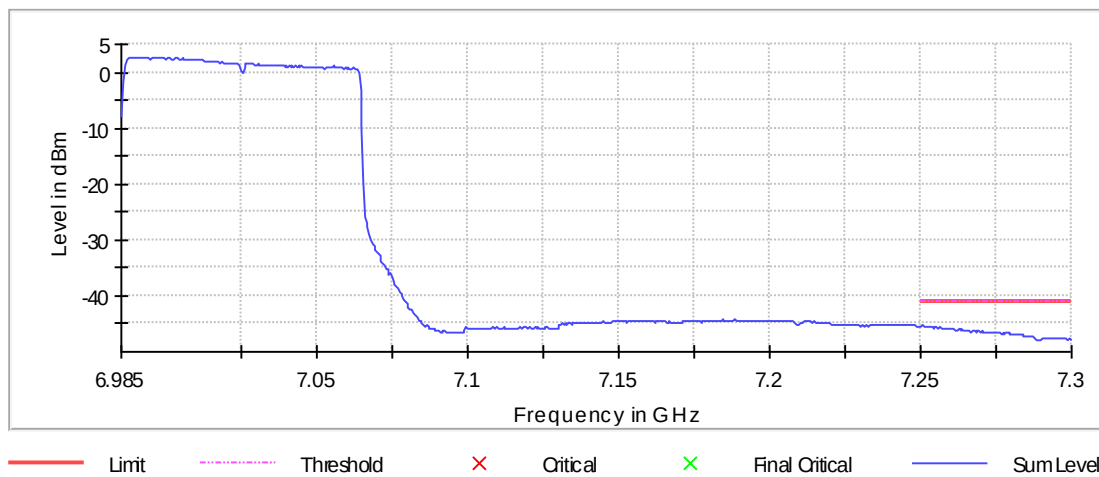
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7250.750000	-45.4	4.2	-41.2
7250.250000	-45.4	4.2	-41.2
7251.250000	-45.4	4.2	-41.2
7251.750000	-45.4	4.2	-41.2
7252.250000	-45.4	4.2	-41.2
7253.250000	-45.5	4.3	-41.2
7254.750000	-45.6	4.4	-41.2
7253.750000	-45.6	4.4	-41.2

7252.750000	-45.6	4.4	-41.2
7255.250000	-45.7	4.5	-41.2
7256.250000	-45.7	4.5	-41.2
7257.250000	-45.8	4.6	-41.2
7254.250000	-45.8	4.6	-41.2
7257.750000	-45.8	4.6	-41.2
7258.250000	-45.8	4.6	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



Emissions in restricted frequency bands (Peak) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

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

Pre Measurements

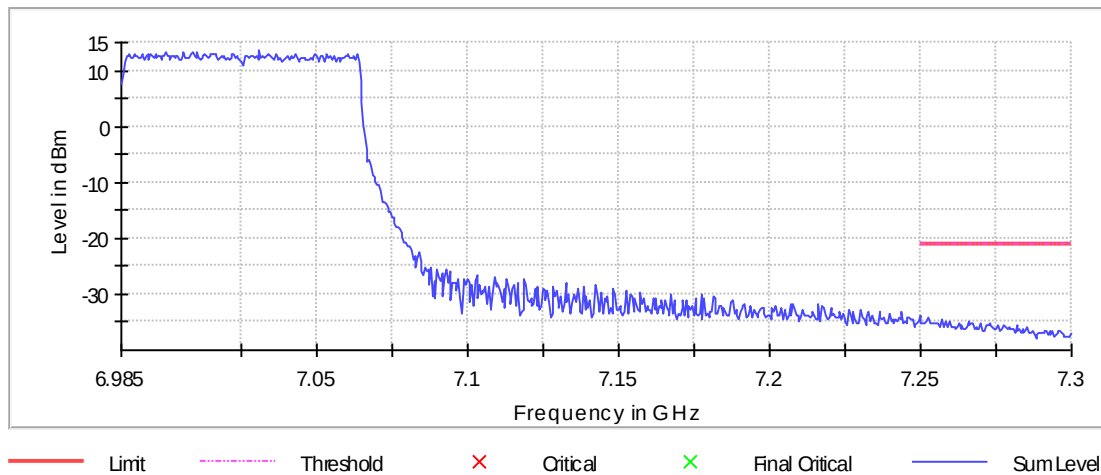
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.250000	-34.2	13.0	-21.2
7252.750000	-34.2	13.0	-21.2
7256.750000	-34.5	13.3	-21.2
7257.250000	-34.7	13.5	-21.2
7258.250000	-34.8	13.6	-21.2
7259.750000	-34.9	13.7	-21.2

7265.750000	-34.9	13.7	-21.2
7251.750000	-35.0	13.8	-21.2
7255.750000	-35.0	13.8	-21.2
7272.750000	-35.0	13.8	-21.2
7253.750000	-35.0	13.8	-21.2
7269.750000	-35.1	13.9	-21.2
7253.250000	-35.1	13.9	-21.2
7251.250000	-35.2	14.0	-21.2
7267.250000	-35.2	14.0	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
6985.000000	7300.000000	1	1

Restricted Band



Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6895.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	7015.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	7115.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6925.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	7005.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	7085.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6945.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	7025.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6985.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6905.000	24.0	320.000000	PASS

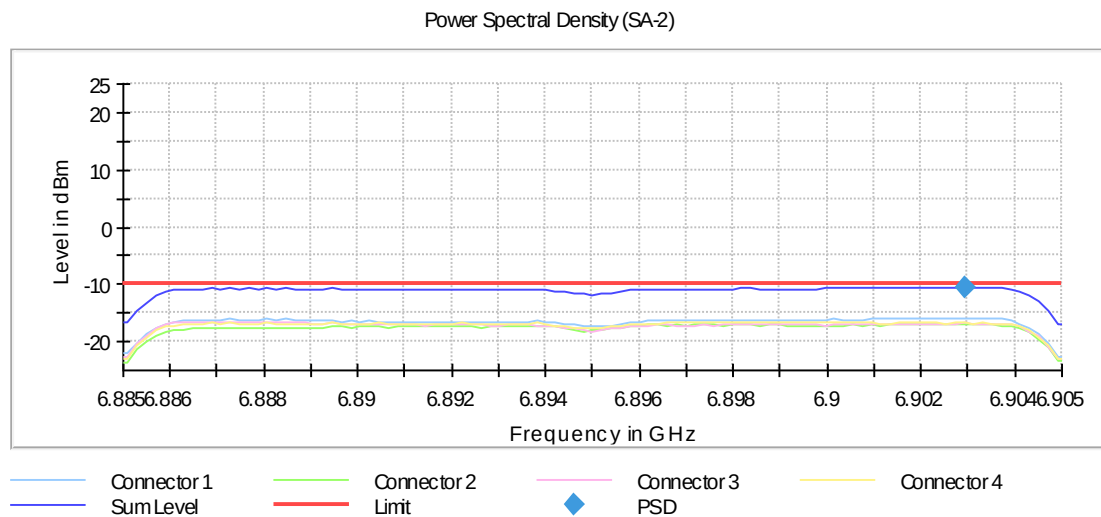
Power Spectral Density (SA-2) (6895 MHz; 24.000 dBm; 20 MHz)

Result

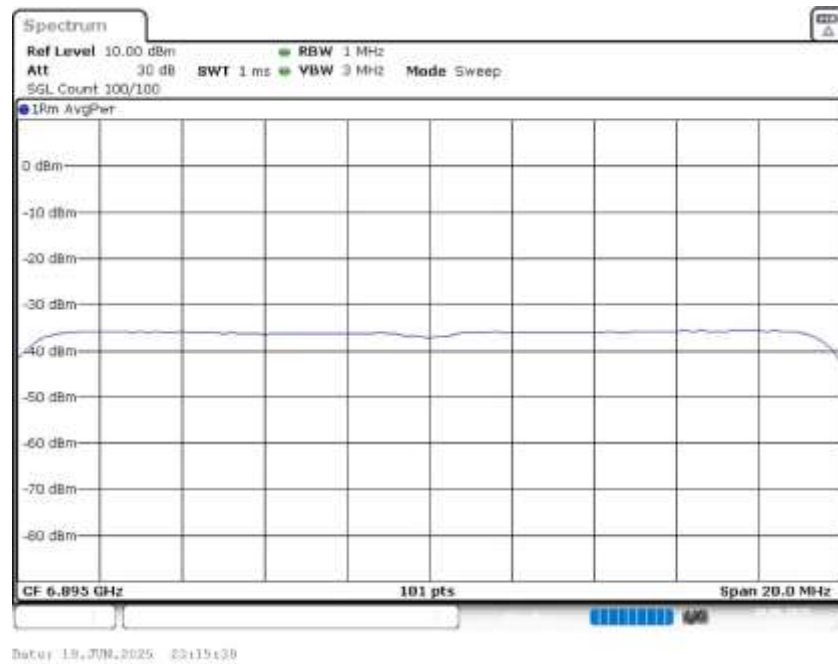
DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6895.000000	6902.920792	-10.523	-10.0	PASS

Ports

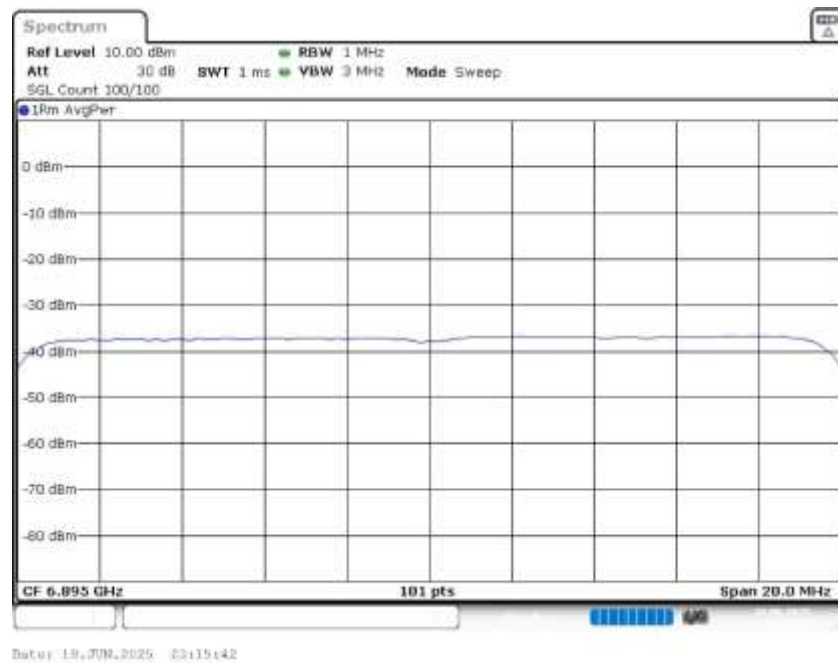
Port	State
1	used
2	used
3	used
4	used



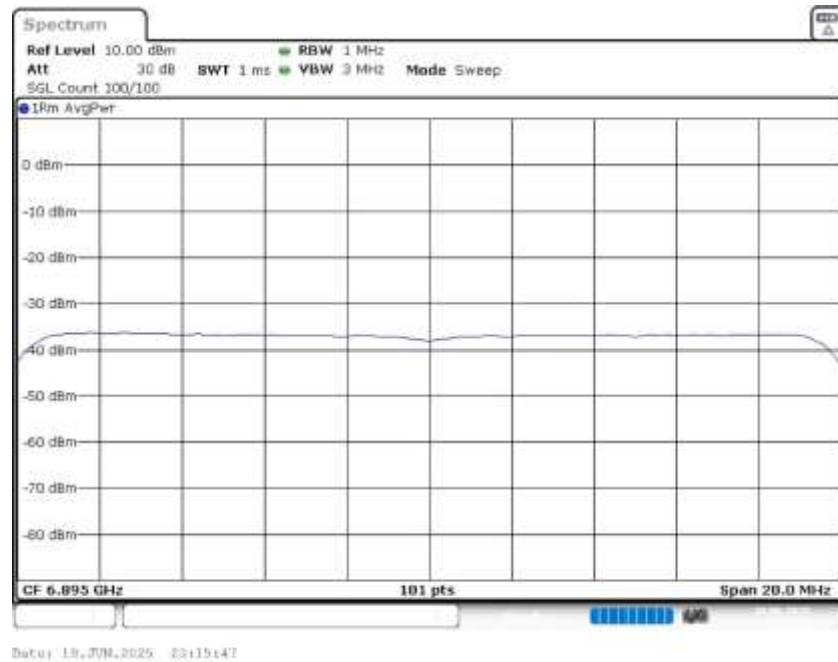
PSD Connector 1



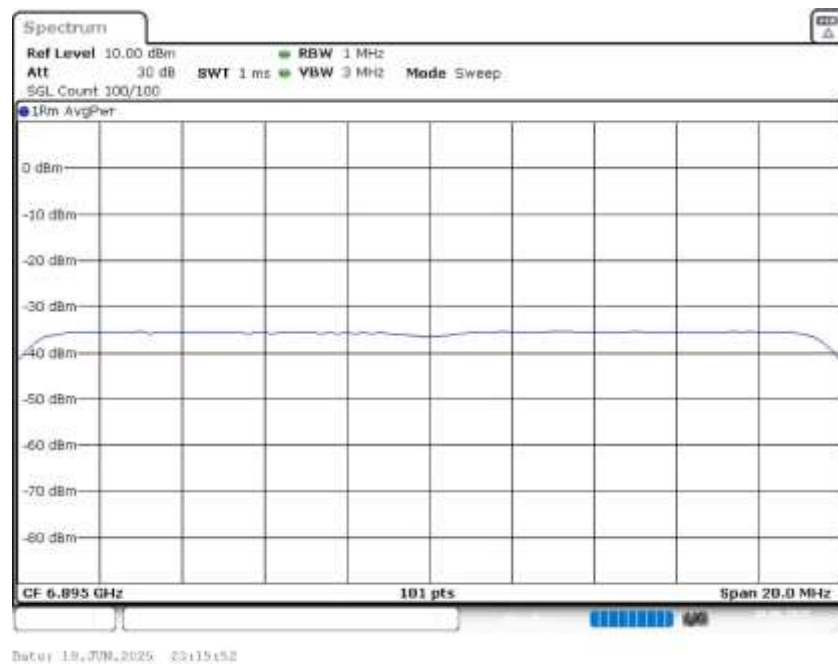
PSD Connector 2



PSD Connector 3



PSD Connector 4



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.88500 GHz	6.88500 GHz
Stop Frequency	6.90500 GHz	6.90500 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

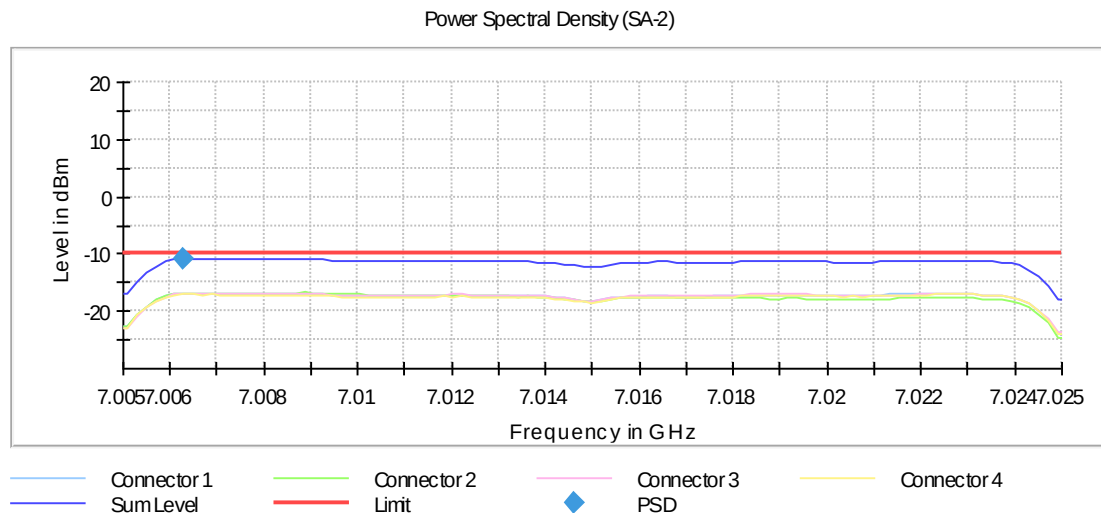
Power Spectral Density (SA-2) (7015 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7015.000000	7006.287129	-10.865	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



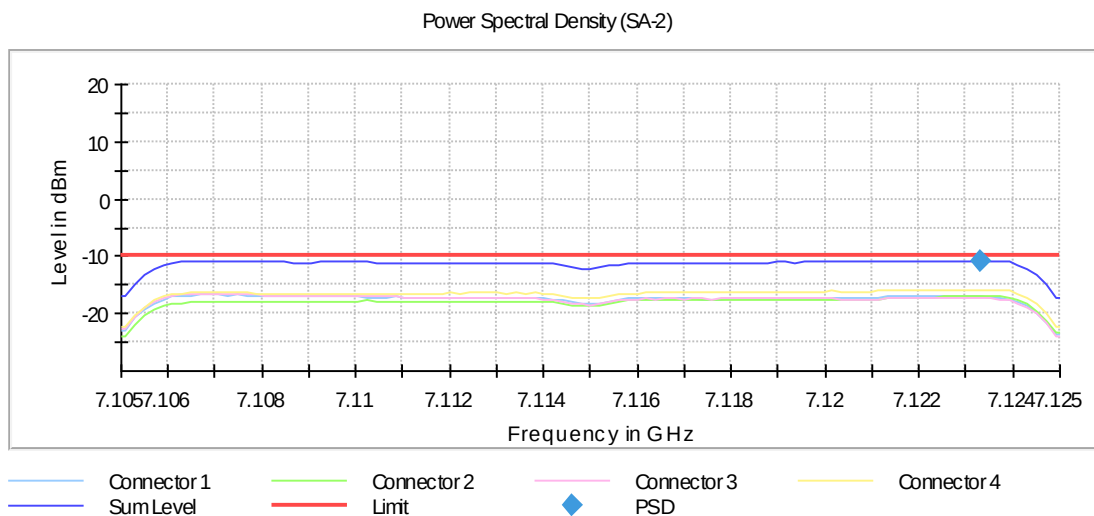
Power Spectral Density (SA-2) (7115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7115.000000	7123.316832	-10.709	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



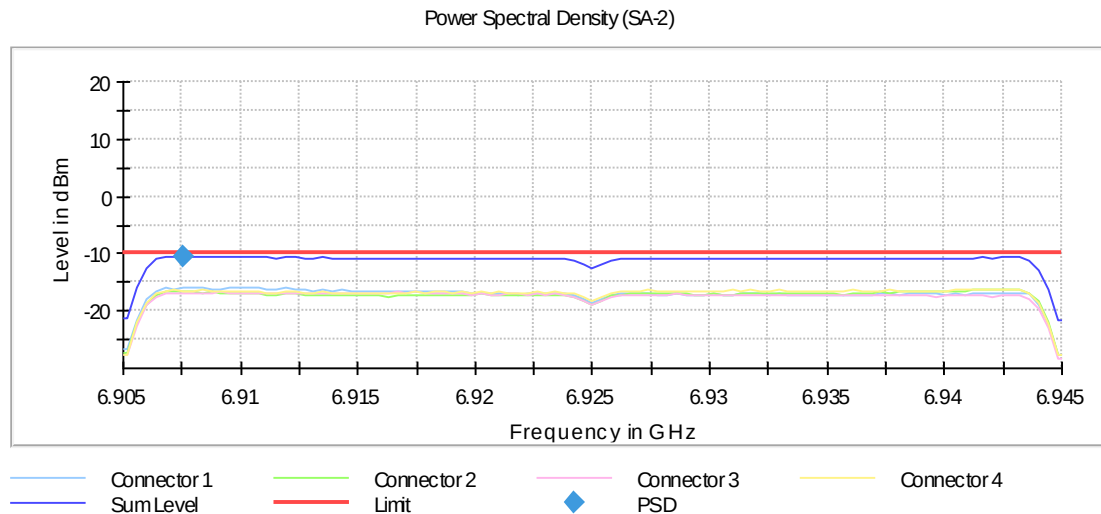
Power Spectral Density (SA-2) (6925 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6925.000000	6907.574257	-10.410	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



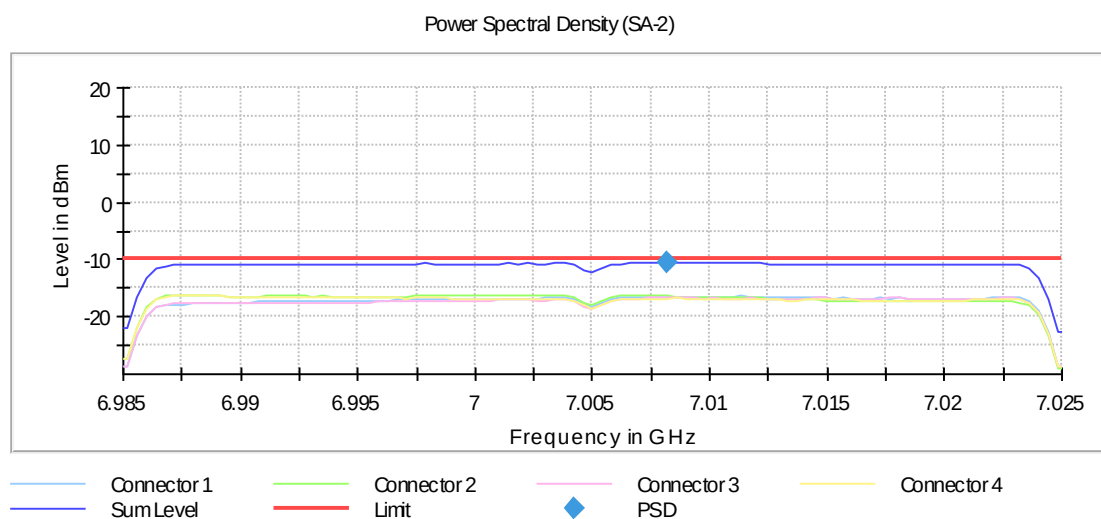
Power Spectral Density (SA-2) (7005 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7005.000000	7008.168317	-10.531	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



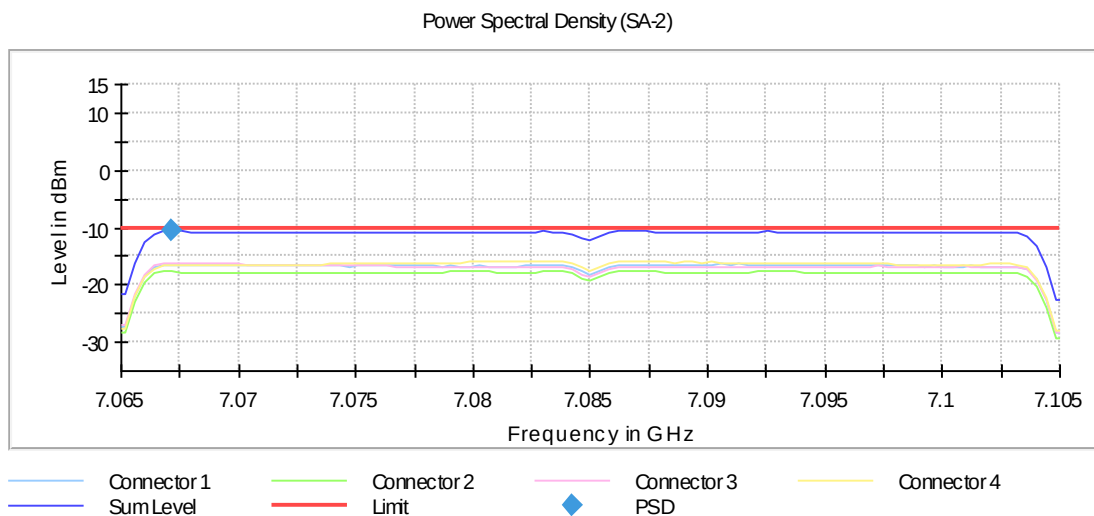
Power Spectral Density (SA-2) (7085 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7085.000000	7067.178218	-10.612	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



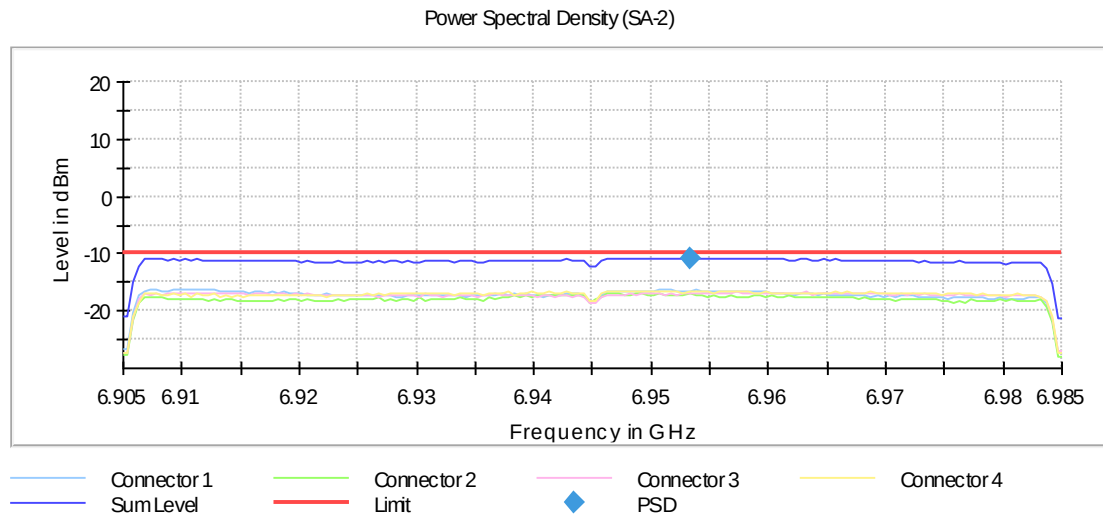
Power Spectral Density (SA-2) (6945 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6945.000000	6953.250000	-10.738	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



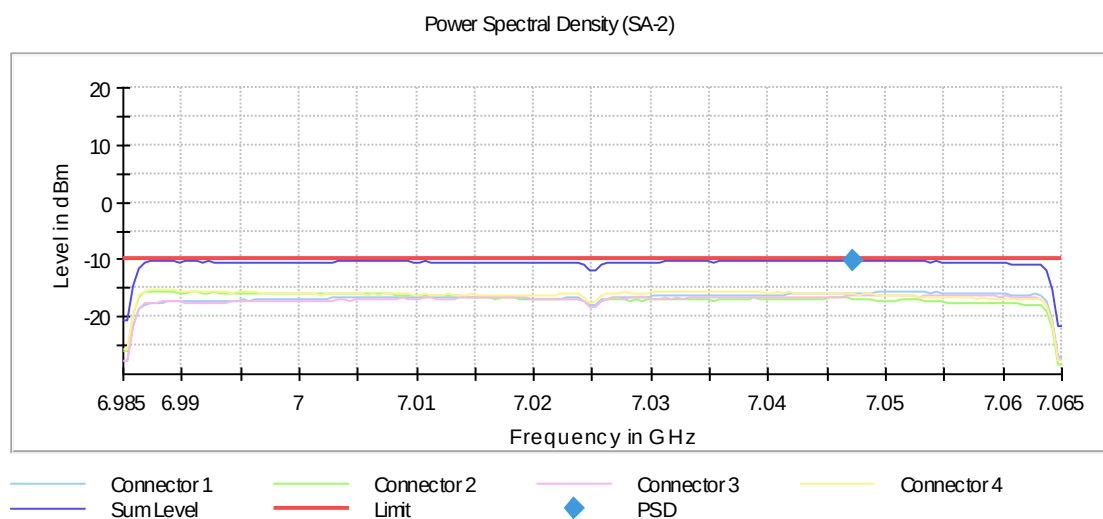
Power Spectral Density (SA-2) (7025 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7025.000000	7047.250000	-10.172	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



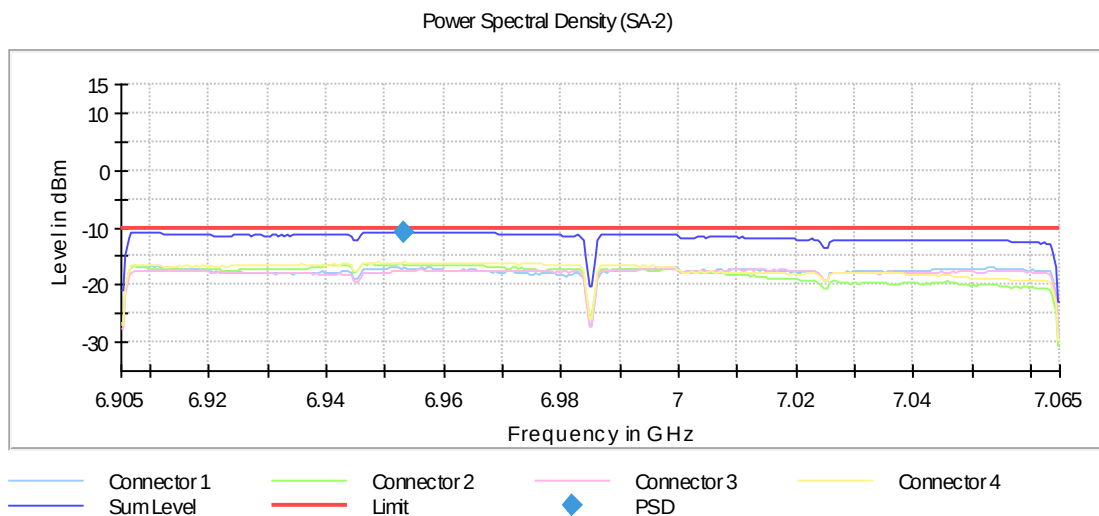
Power Spectral Density (SA-2) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6985.000000	6953.250000	-10.699	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



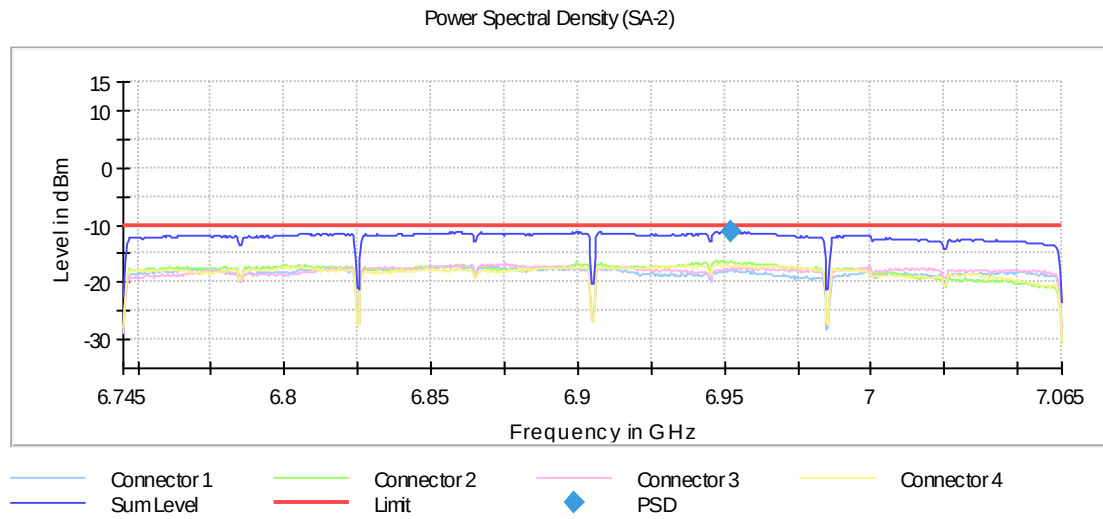
Power Spectral Density (SA-2) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6905.000000	6952.250000	-11.189	-10.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



1.1.3 RU PSD

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	7015.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)(2)	7015.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	7005.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)(2)	7005.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6945.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)(2)	6945.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6985.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)(2)	6985.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6905.000	24.0	320.000000	PASS
Power Spectral Density (SA-2)(2)	6905.000	24.0	320.000000	PASS

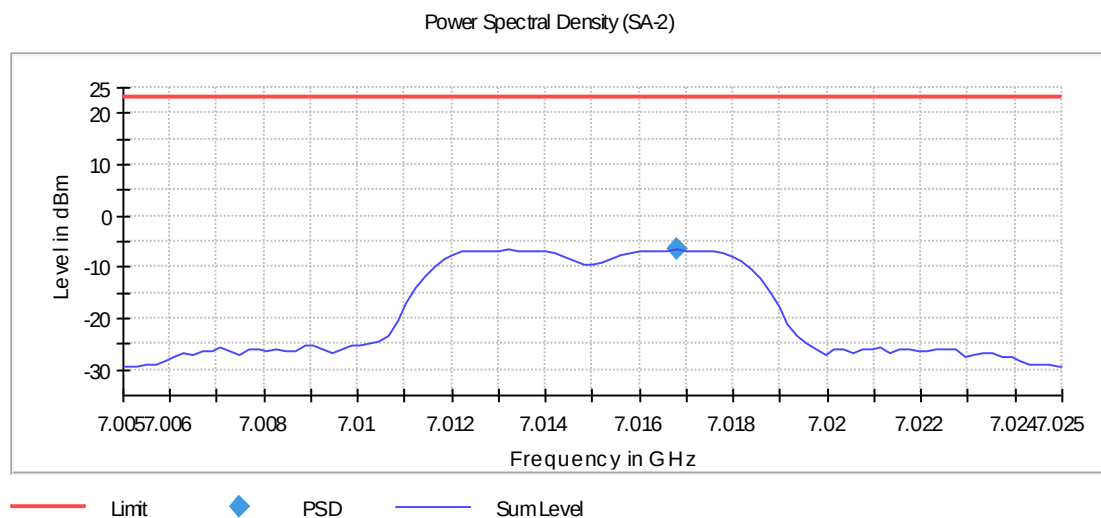
Power Spectral Density (SA-2) (7015 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7015.000000	7016.782178	-6.679	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.00500 GHz	7.00500 GHz
Stop Frequency	7.02500 GHz	7.02500 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	4.000 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
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	2 / max. 15	max. 15
Stable	1 / 1	1
Max Stable Difference	0.08 dB	0.50 dB

Power Spectral Density (SA-2)(2) (7015 MHz; 24.000 dBm; 20 MHz)

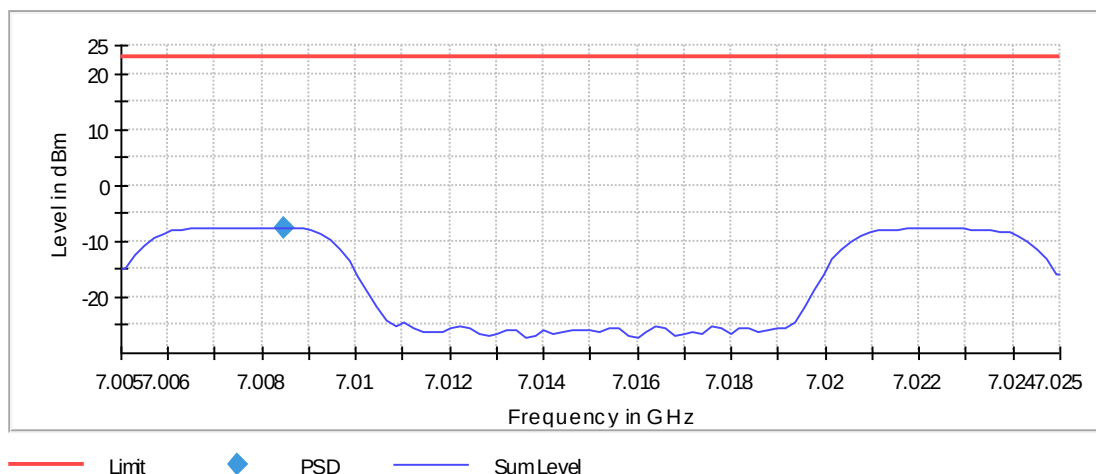
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7015.000000	7008.465347	-7.556	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used

Power Spectral Density (SA-2)(2)



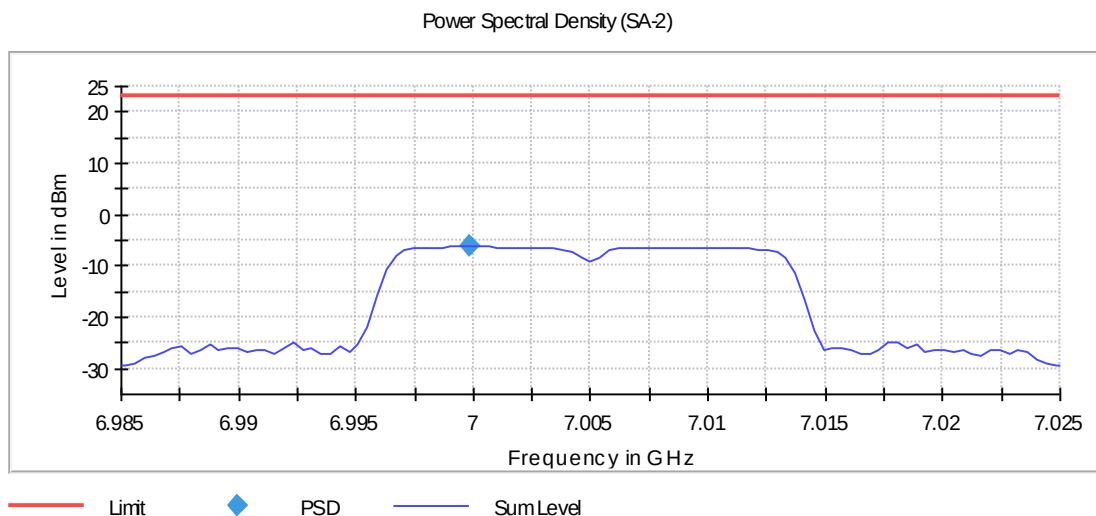
Power Spectral Density (SA-2) (7005 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7005.000000	6999.851485	-6.169	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



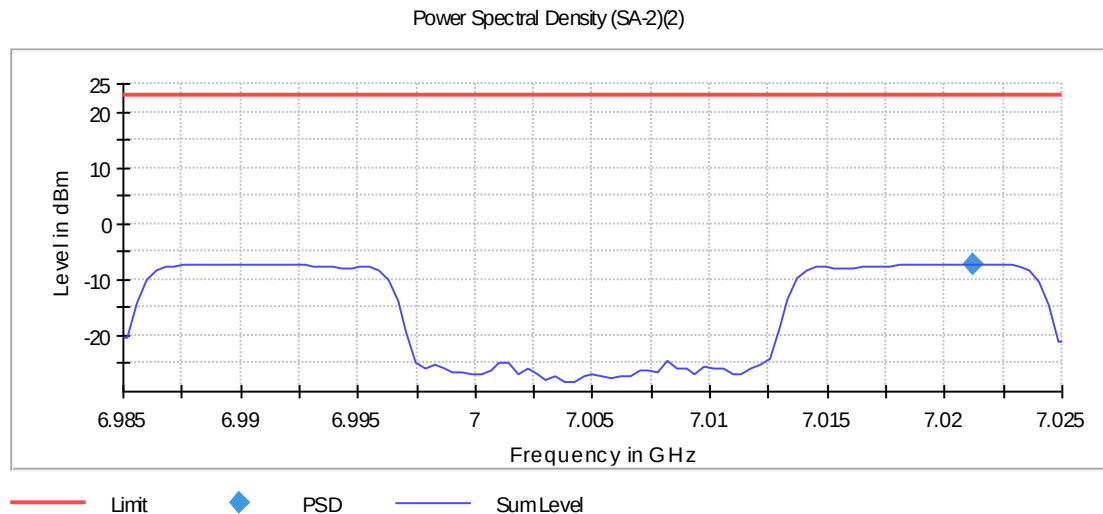
Power Spectral Density (SA-2)(2) (7005 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7005.000000	7021.237624	-7.180	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



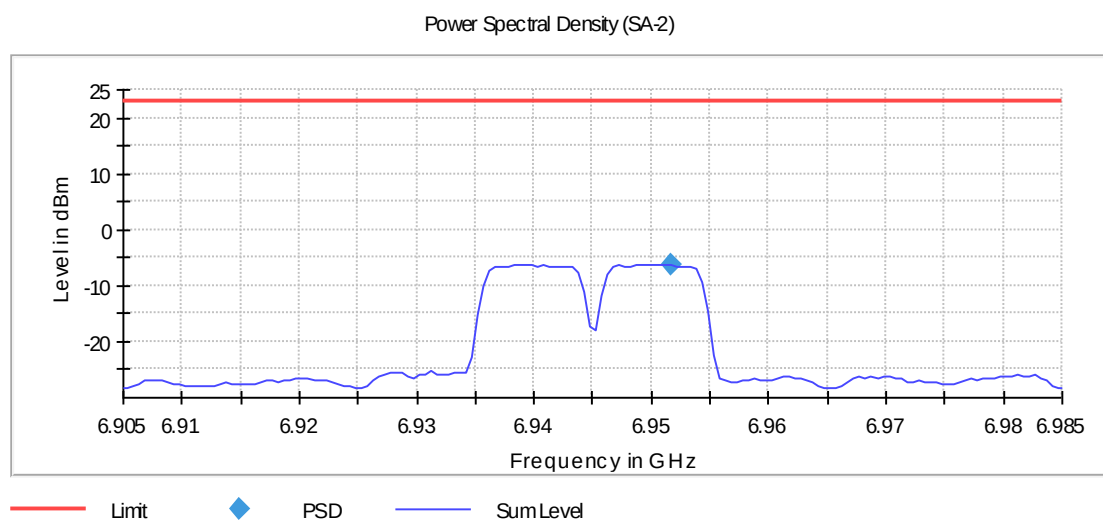
Power Spectral Density (SA-2) (6945 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6945.000000	6951.750000	-6.318	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



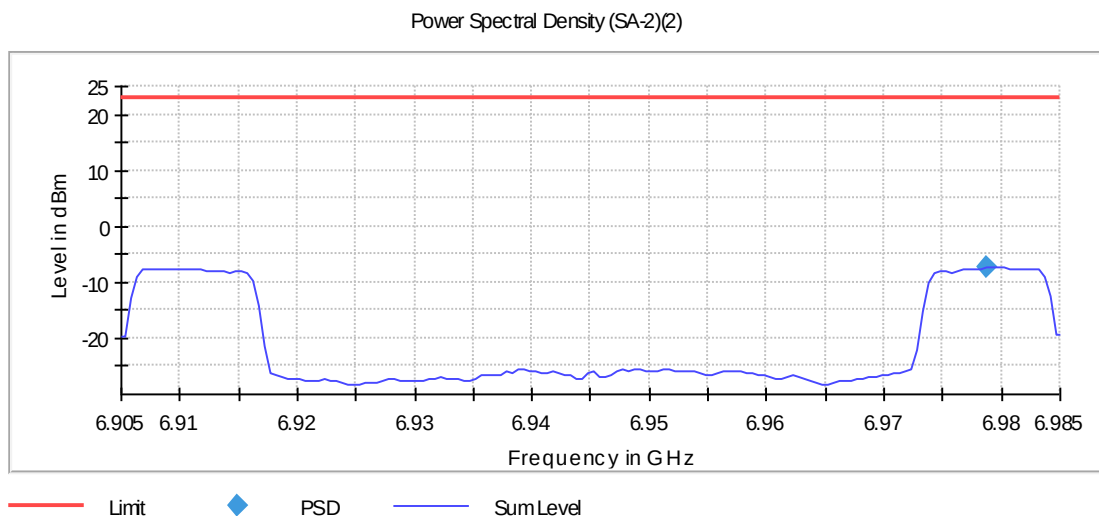
Power Spectral Density (SA-2)(2) (6945 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6945.000000	6978.750000	-7.442	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



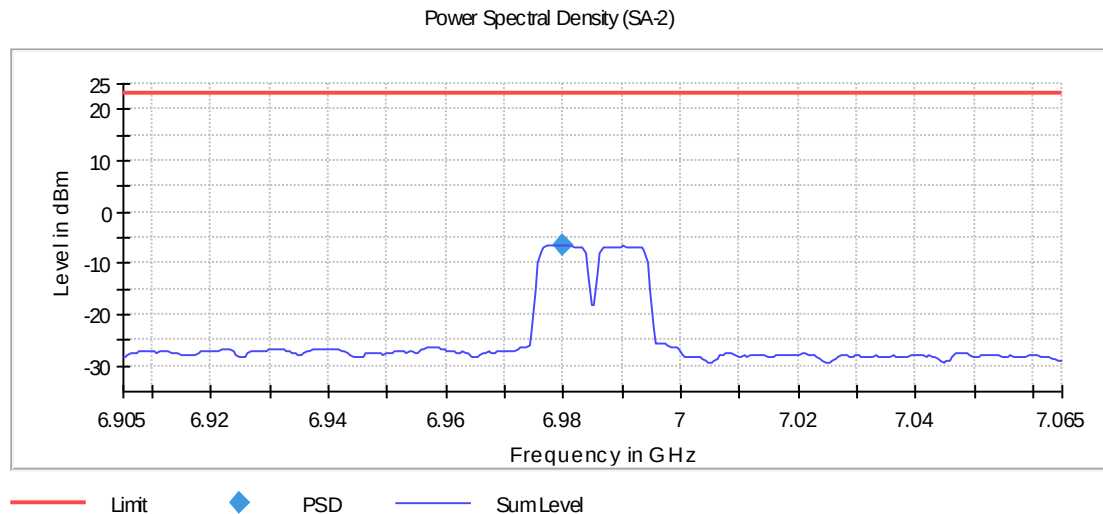
Power Spectral Density (SA-2) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6985.000000	6979.750000	-6.529	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



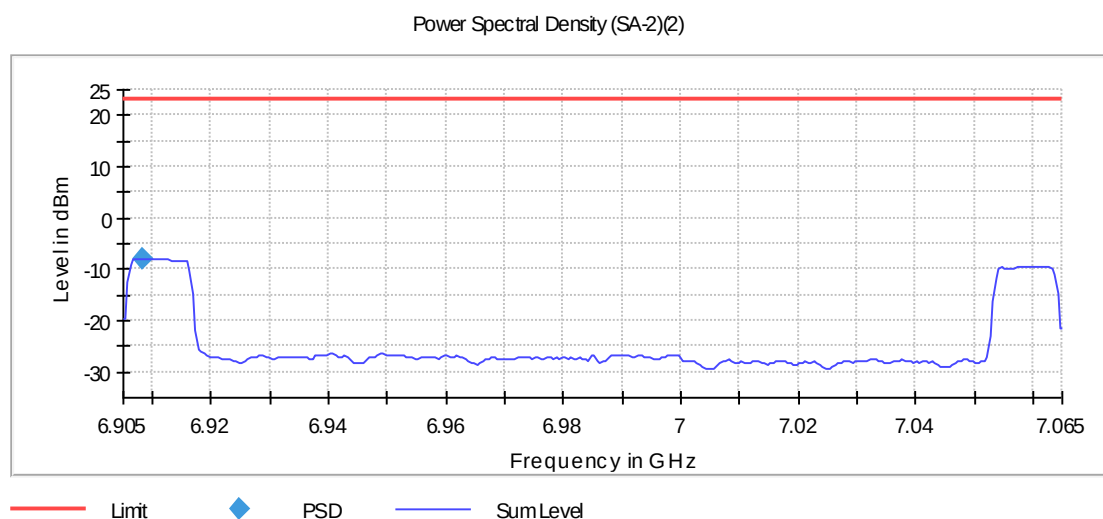
Power Spectral Density (SA-2)(2) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6985.000000	6908.250000	-7.940	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



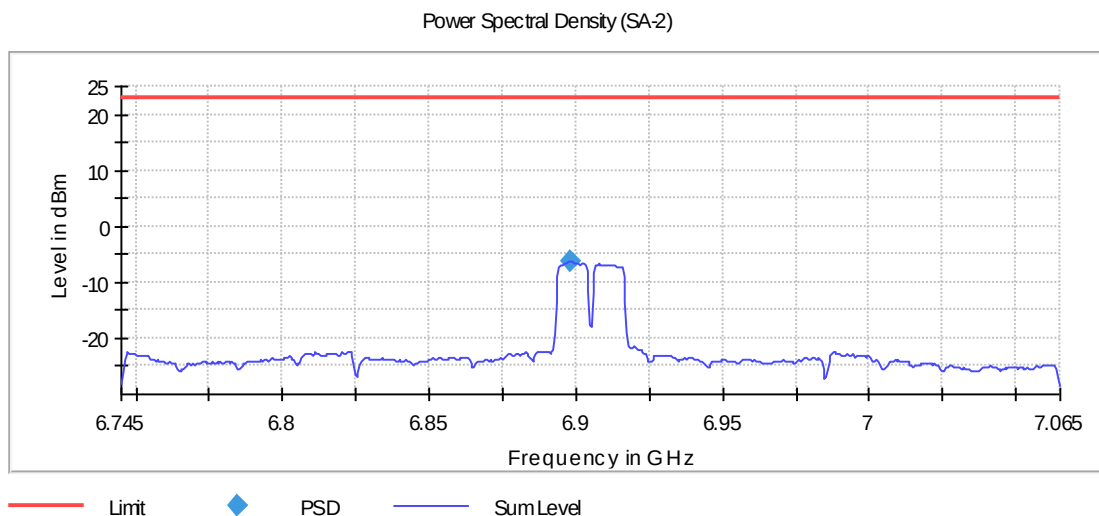
Power Spectral Density (SA-2) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6905.000000	6897.750000	-6.401	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



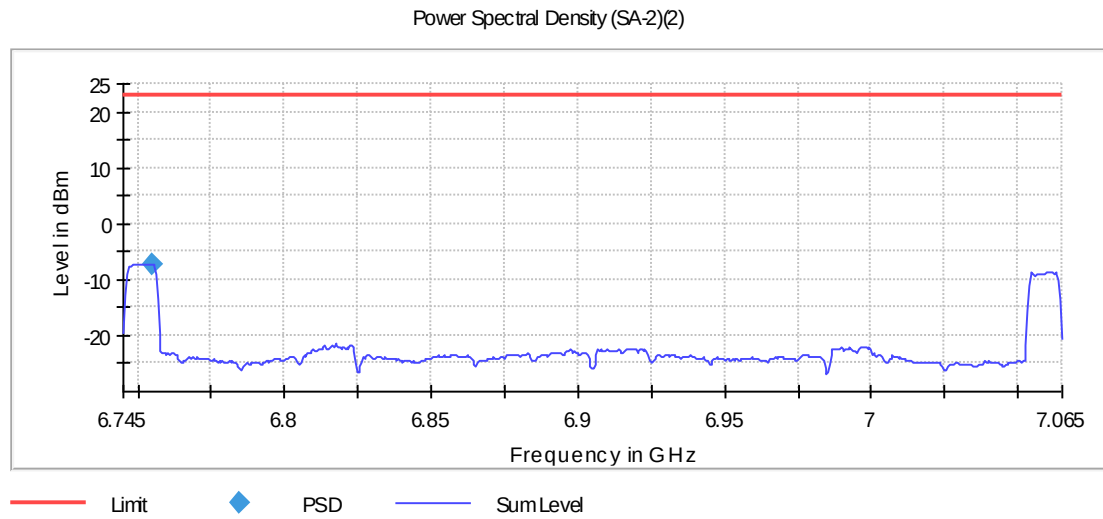
Power Spectral Density (SA-2)(2) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6905.000000	6754.750000	-7.174	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



-- End of Report--