427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-U7PROXS
ISED ID	6545A-U7PROXS
Equipment Under Test	U7-Pro-XGS
Test Report Serial Number	TR9755_01
Date of Tests	10 and 13 January 2025
Report Issue Date	6 February 2025

Test Personnel

Testing performed by	Trina Noor

Test Location

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

NVLAP LAB CODE 600241-0

1 RF Conducted UNII-8

1.1 EHT Mode

1.1.1 Summary

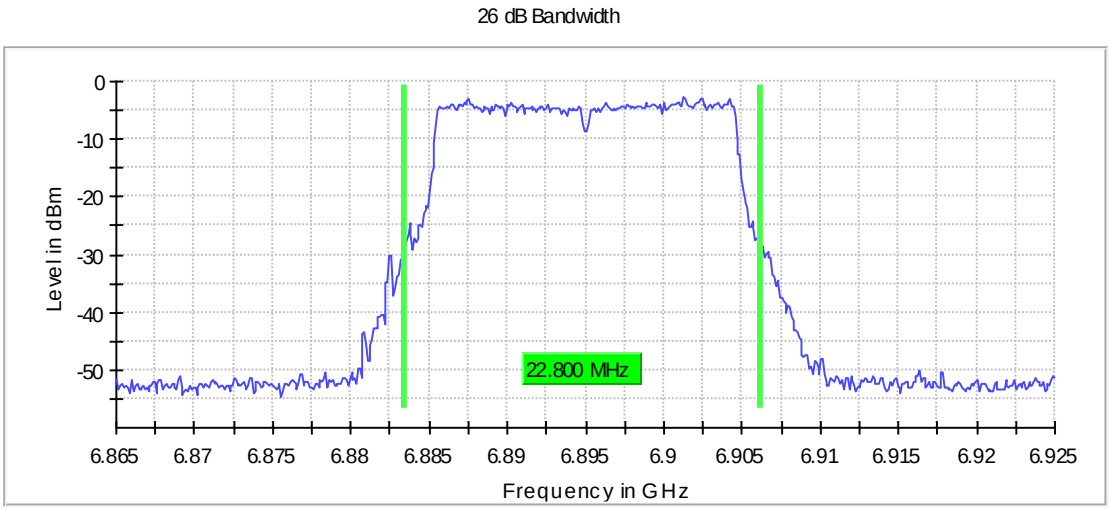
Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6895.000	24.0	20.000000	PASS
RF output power	6895.000	24.0	20.000000	PASS
In-Band Emissions	6895.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6895.000	24.0	20.000000	PASS
Frequency Stability	6895.000	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
Emission Bandwidth 26 dB	6905.000	24.0	320.000000	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)

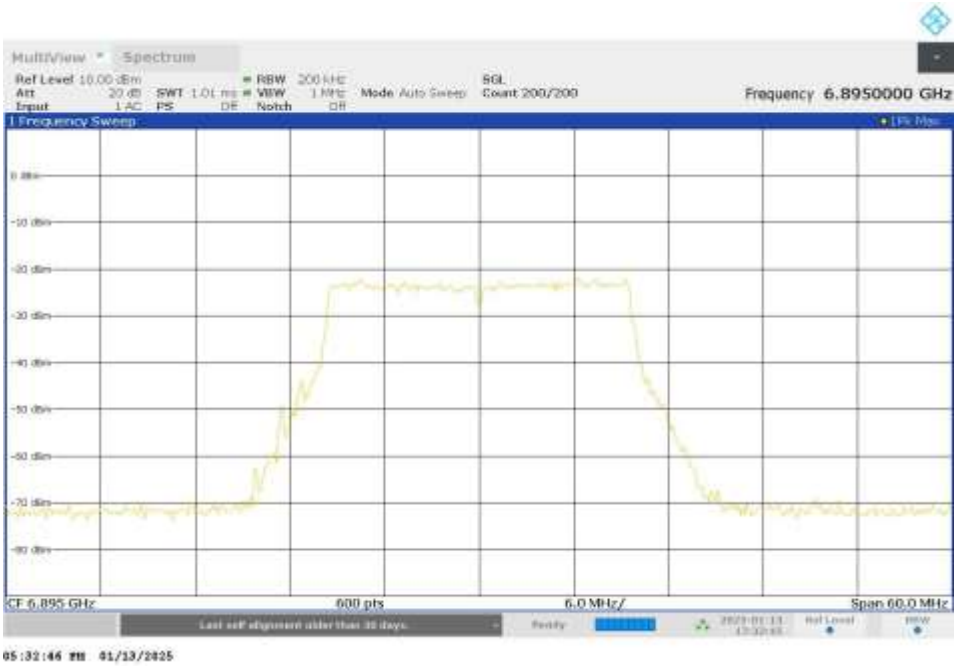
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6895.000000	22.800000	---	320.000000	6883.450000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6895.000000	6906.250000	---	-2.6	PASS



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	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	600	~ 600
Sweeptime	1.010 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	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	11.7	24.0	11.7	99.721	PASS

OSP PowerMeter settings

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

In-Band Emissions (6895 MHz; 24.000 dBm; 20 MHz)

Result

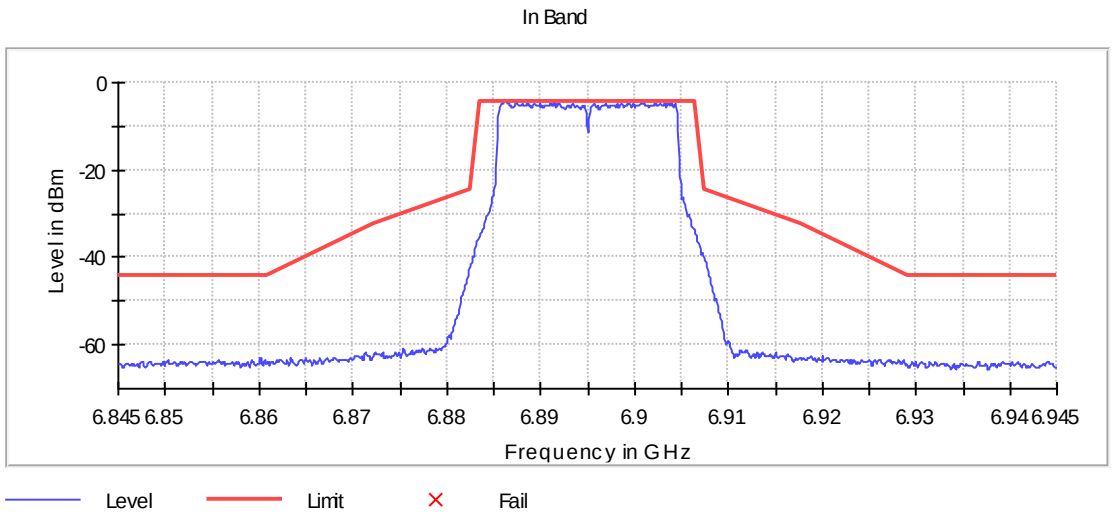
DUT Frequency (MHz)	Result
6895.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6886.250000	-4.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6886.050000	-4.5	0.1	-4.4	PASS
6886.150000	-4.5	0.1	-4.4	PASS
6886.350000	-4.5	0.1	-4.4	PASS
6891.450000	-4.5	0.2	-4.4	PASS
6887.450000	-4.5	0.2	-4.4	PASS
6886.550000	-4.6	0.2	-4.4	PASS
6902.650000	-4.6	0.3	-4.4	PASS
6893.450000	-4.6	0.3	-4.4	PASS
6900.950000	-4.6	0.3	-4.4	PASS
6891.950000	-4.6	0.3	-4.4	PASS
6893.550000	-4.6	0.3	-4.4	PASS
6899.350000	-4.7	0.3	-4.4	PASS
6895.750000	-4.7	0.3	-4.4	PASS
6900.750000	-4.7	0.4	-4.4	PASS
6902.250000	-4.8	0.4	-4.4	PASS



Measurement 1

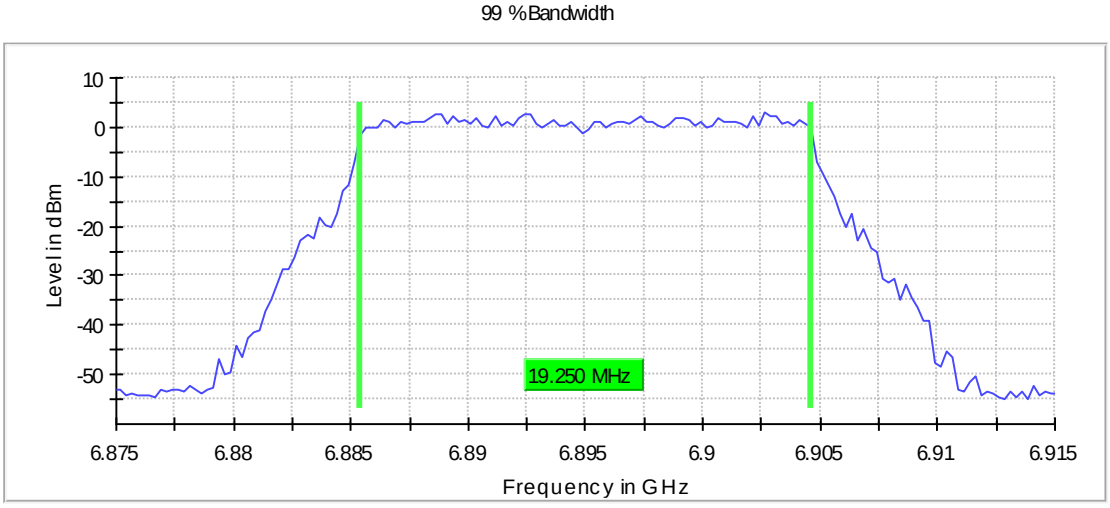
Setting	Instrument Value	Target Value
Start Frequency	6.84500 GHz	6.84500 GHz
Stop Frequency	6.94500 GHz	6.94500 GHz
Span	100.000 MHz	100.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	500.000 kHz	~ 600.000 kHz
SweepPoints	1000	~ 1000
Sweeptime	1.050 ms	AUTO
Reference Level	10.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	Sweep	Sweep
Preamp	off	off

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

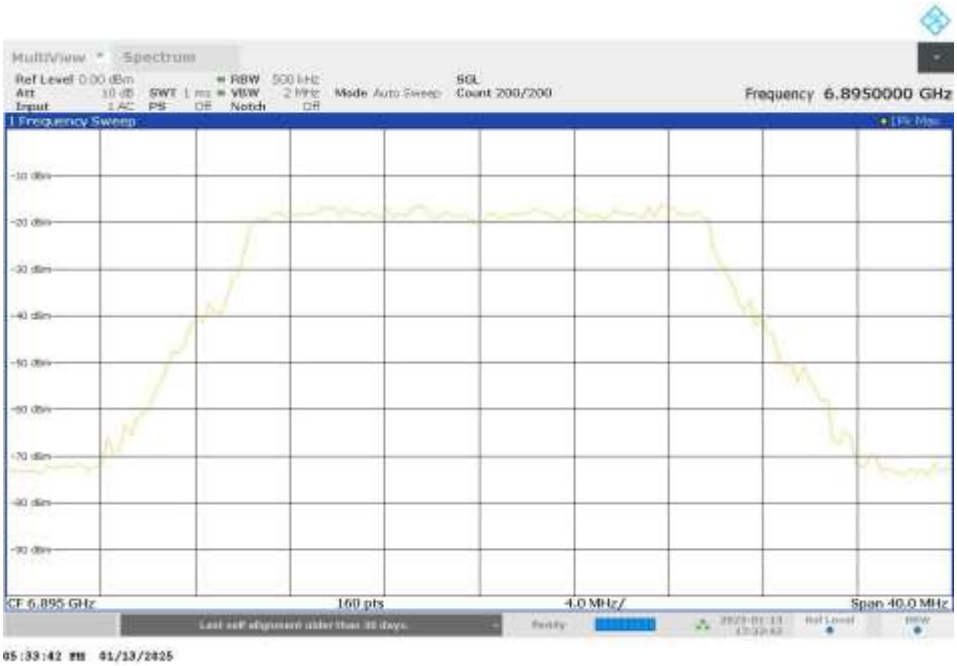
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6895.000000	19.250000	---	320.000000	6885.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6895.000000	6904.625000	7125.000000	PASS



Bandwidth



Measurement

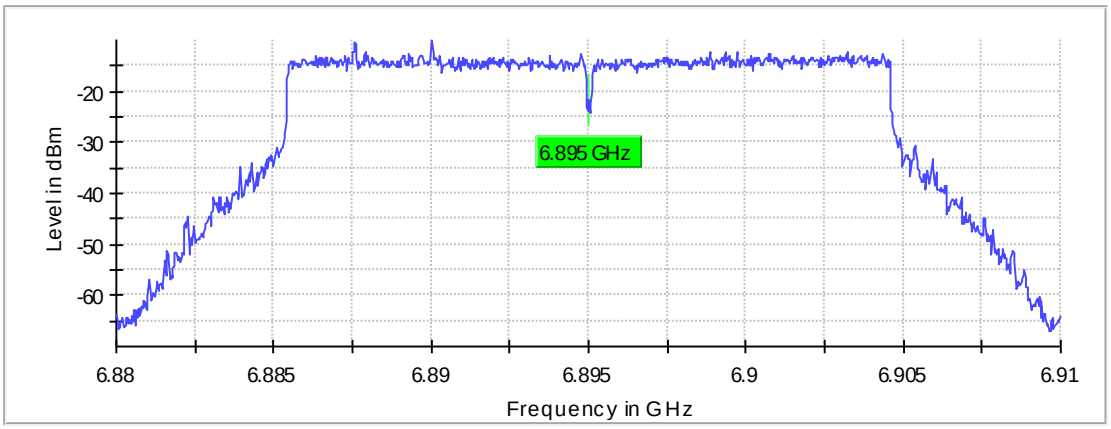
Setting	Instrument Value	Target Value
Start Frequency	6.87500 GHz	6.87500 GHz
Stop Frequency	6.91500 GHz	6.91500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweeptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

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

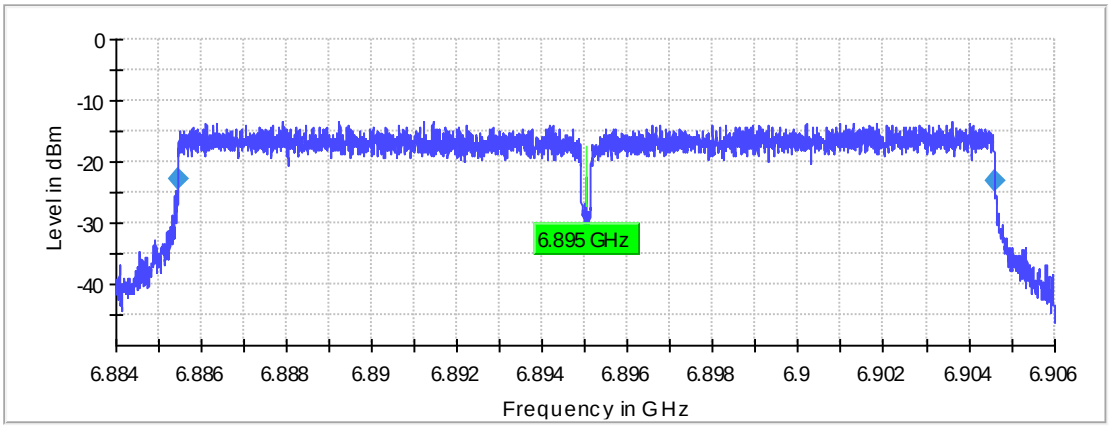
Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6895.000000	6895.029284	4.247	29.283500	---	---	PASS

Frequency stability Pre



Frequency stability



Measurement

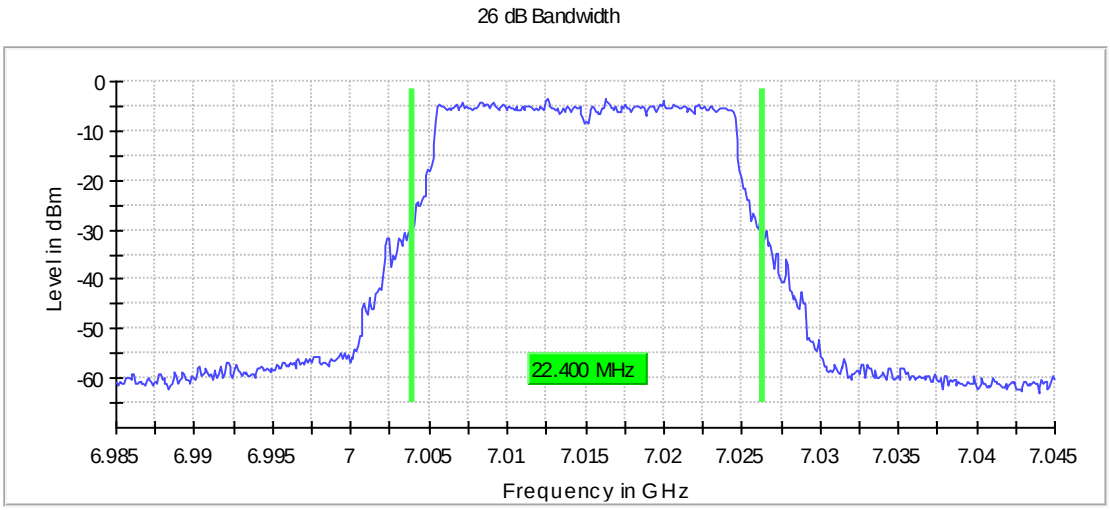
Setting	Instrument Value	Target Value
Start Frequency	6.88401 GHz	6.88401 GHz
Stop Frequency	6.90601 GHz	6.90601 GHz
Span	22.000 MHz	22.000 MHz
RBW	20.000 kHz	<= 22.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	10001	~ 10001
Sweeptime	419.000 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	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)

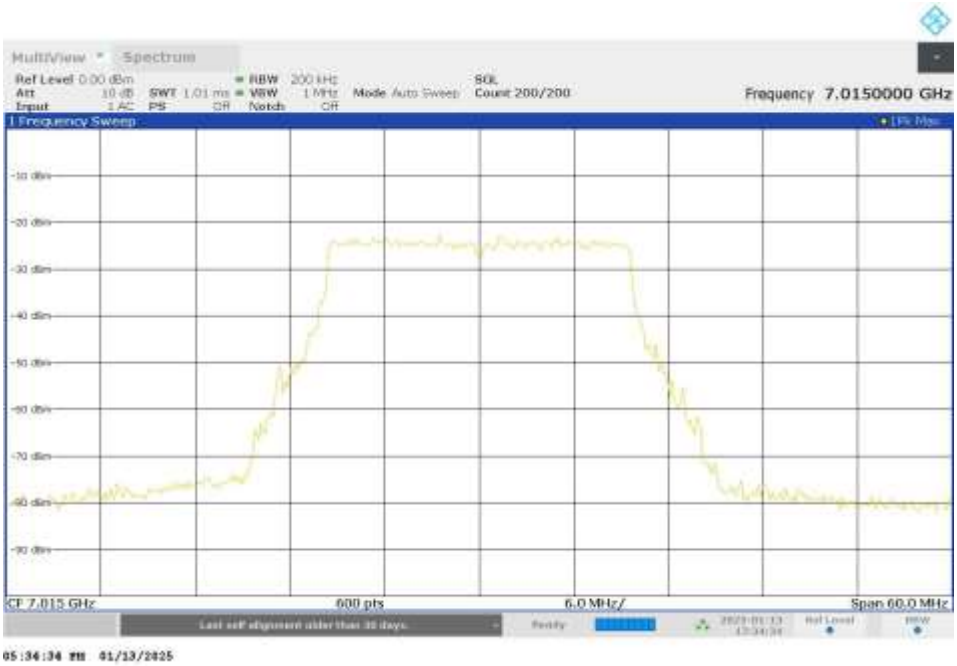
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7015.000000	22.400000	---	320.000000	7003.950000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7015.000000	7026.350000	---	-3.5	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
7015.000000	PASS

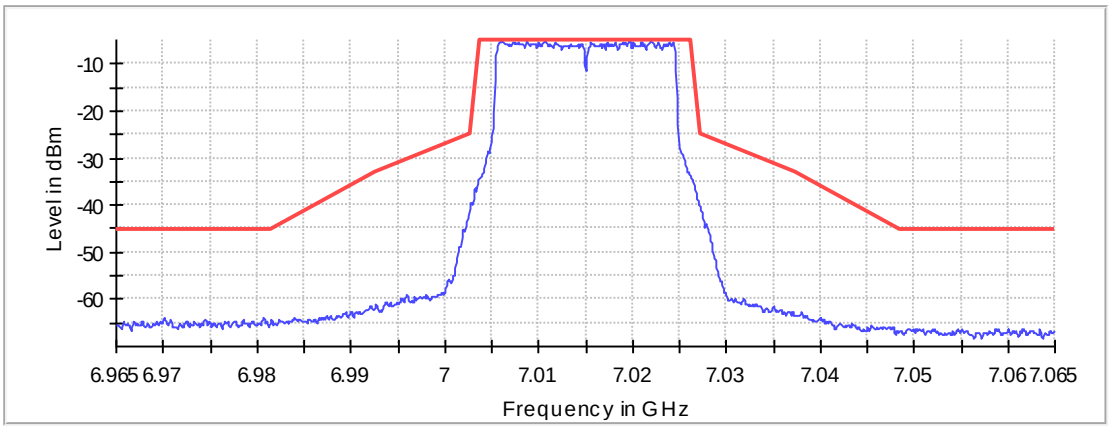
Inband Peak

Frequency (MHz)	Level (dBm)
7019.650000	-5.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7019.650000	-5.0	0.0	-5.0	PASS
7008.750000	-5.1	0.0	-5.0	PASS
7021.950000	-5.1	0.1	-5.0	PASS
7010.750000	-5.1	0.1	-5.0	PASS
7006.050000	-5.2	0.1	-5.0	PASS
7006.150000	-5.3	0.2	-5.0	PASS
7020.950000	-5.3	0.3	-5.0	PASS
7021.850000	-5.3	0.3	-5.0	PASS
7007.850000	-5.4	0.3	-5.0	PASS
7010.650000	-5.4	0.3	-5.0	PASS
7006.250000	-5.4	0.3	-5.0	PASS
7024.350000	-5.4	0.3	-5.0	PASS
7005.750000	-5.4	0.3	-5.0	PASS
7007.250000	-5.4	0.3	-5.0	PASS
7021.050000	-5.4	0.4	-5.0	PASS

In Band



Level Limit Fail

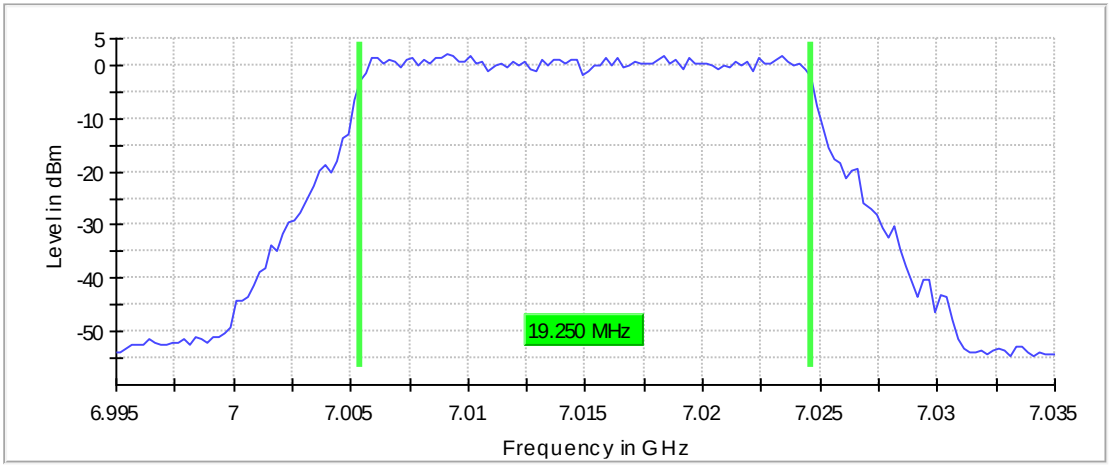
Occupied Channel Bandwidth 99% (7015 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

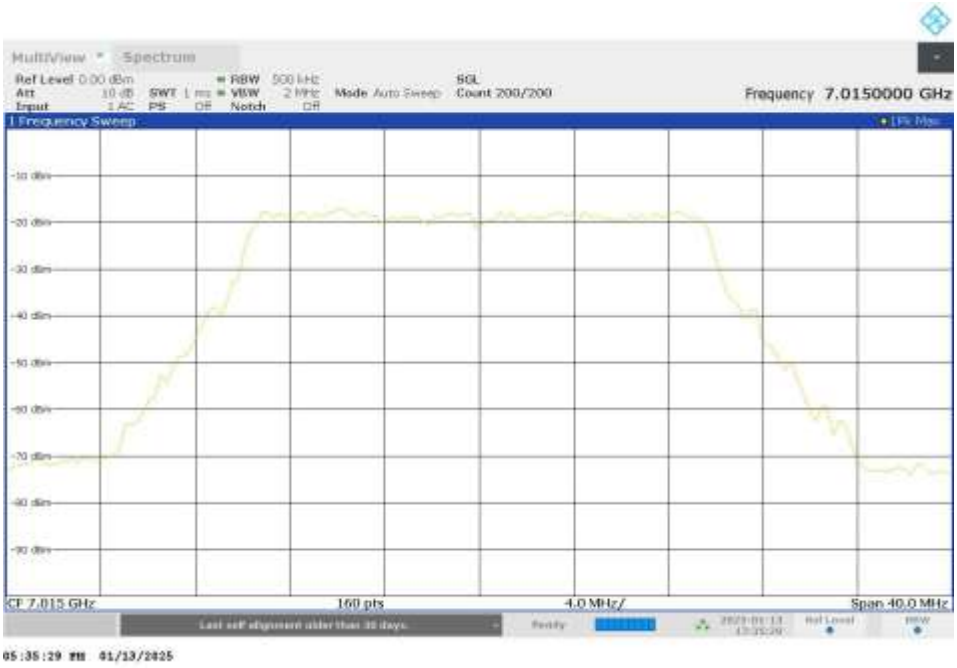
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7015.000000	19.250000	---	320.000000	7005.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7015.000000	7024.625000	7125.000000	PASS

99 %Bandwidth



Bandwidth



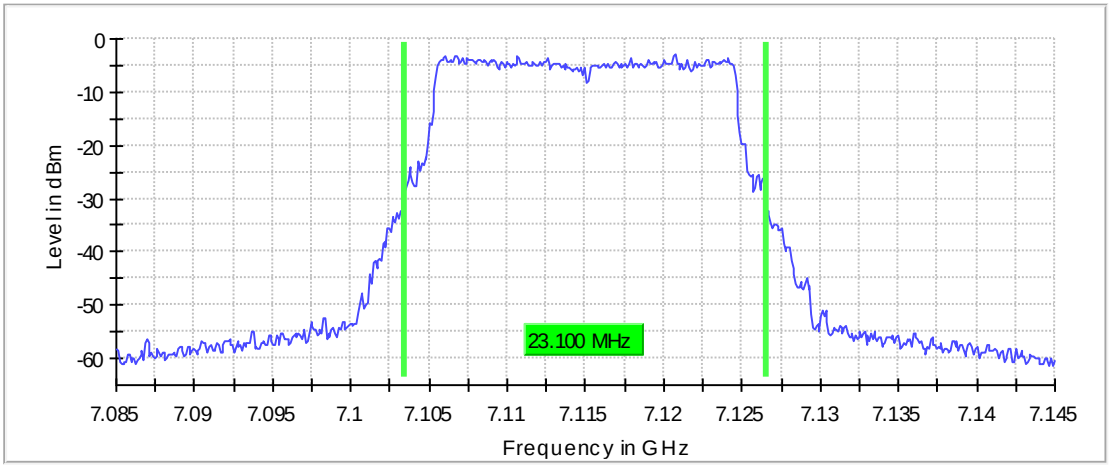
Emission Bandwidth 26 dB (7115 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

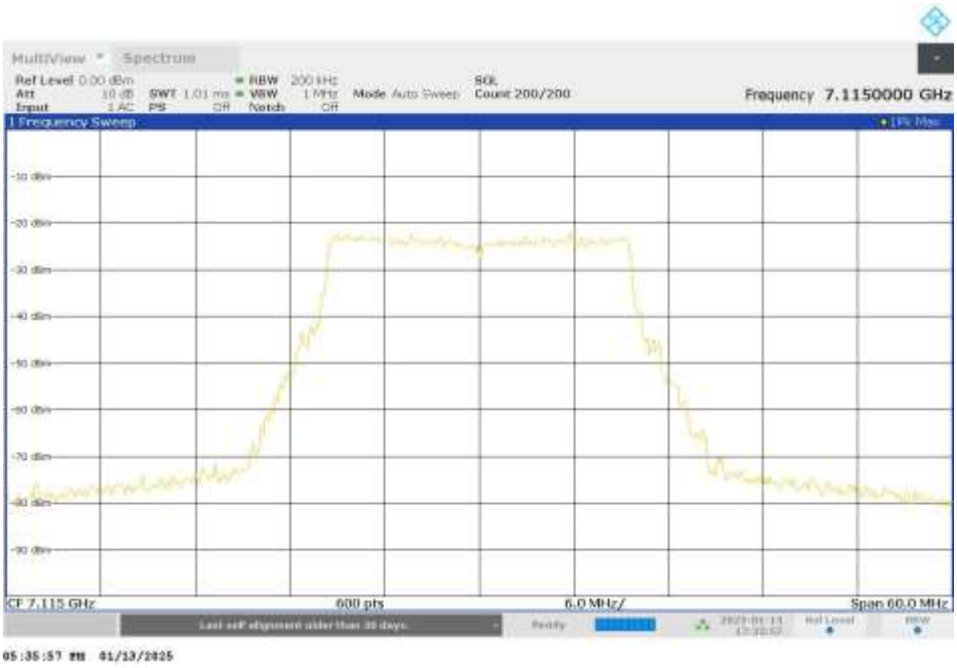
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7115.000000	23.100000	---	320.000000	7103.450000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7115.000000	7126.550000	---	-2.8	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
7115.000000	PASS

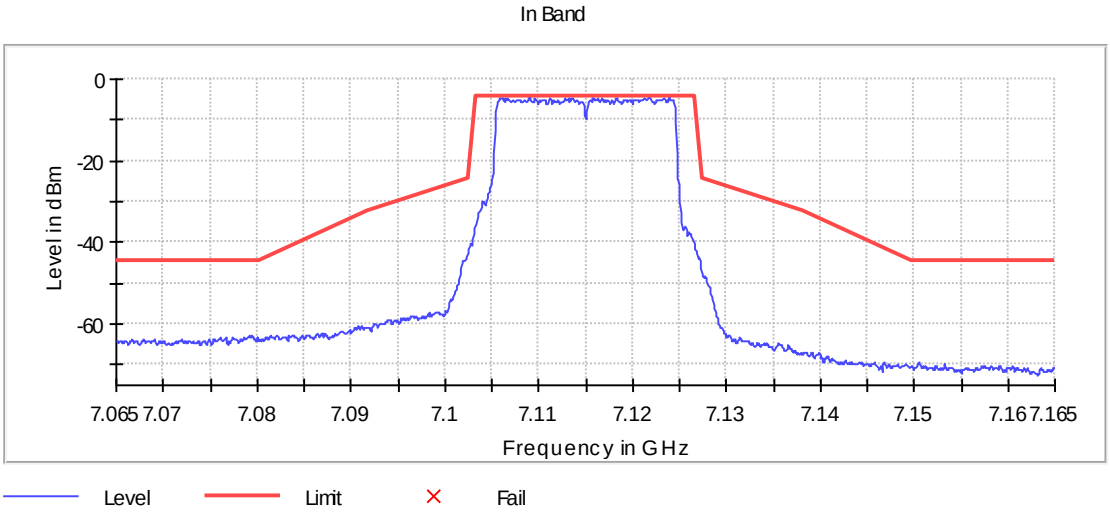
Inband Peak

Frequency (MHz)	Level (dBm)
7109.050000	-4.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7123.950000	-4.4	0.0	-4.4	PASS
7121.750000	-4.4	0.0	-4.4	PASS
7113.650000	-4.5	0.1	-4.4	PASS
7106.750000	-4.5	0.2	-4.4	PASS
7106.050000	-4.6	0.2	-4.4	PASS
7113.550000	-4.6	0.3	-4.4	PASS
7108.950000	-4.7	0.3	-4.4	PASS
7121.350000	-4.7	0.3	-4.4	PASS
7121.850000	-4.7	0.3	-4.4	PASS
7121.650000	-4.8	0.4	-4.4	PASS
7118.250000	-4.8	0.4	-4.4	PASS
7123.250000	-4.8	0.4	-4.4	PASS

7105.850000	-4.8	0.4	-4.4	PASS
7111.250000	-4.8	0.4	-4.4	PASS
7106.650000	-4.8	0.4	-4.4	PASS

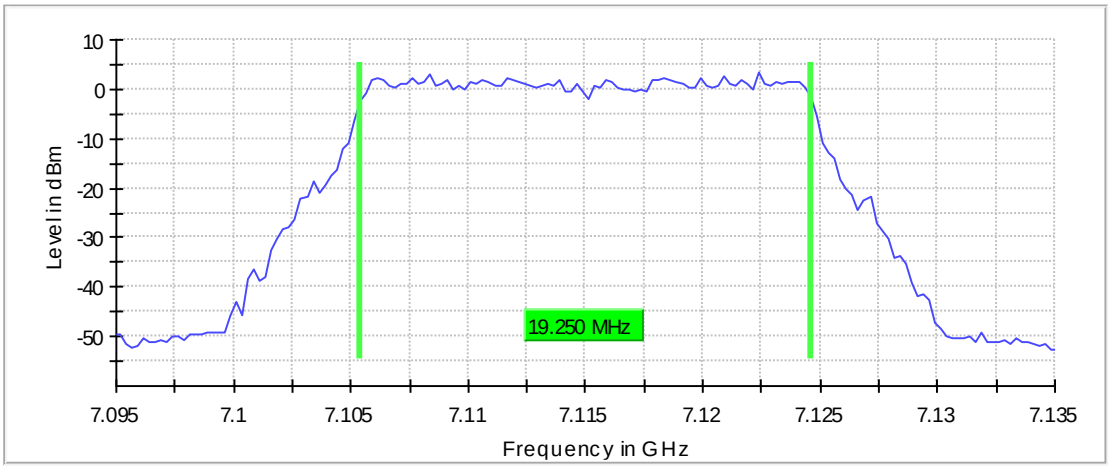


Occupied Channel Bandwidth 99% (7115 MHz; 24.000 dBm; 20 MHz)

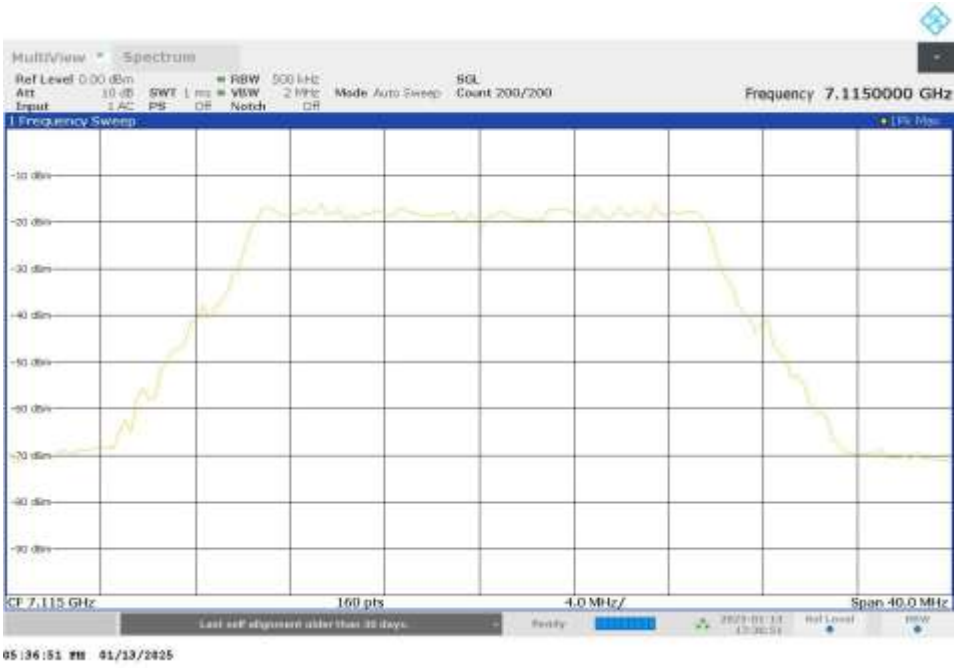
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7115.000000	19.250000	---	320.000000	7105.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7115.000000	7124.625000	7125.000000	PASS



Bandwidth



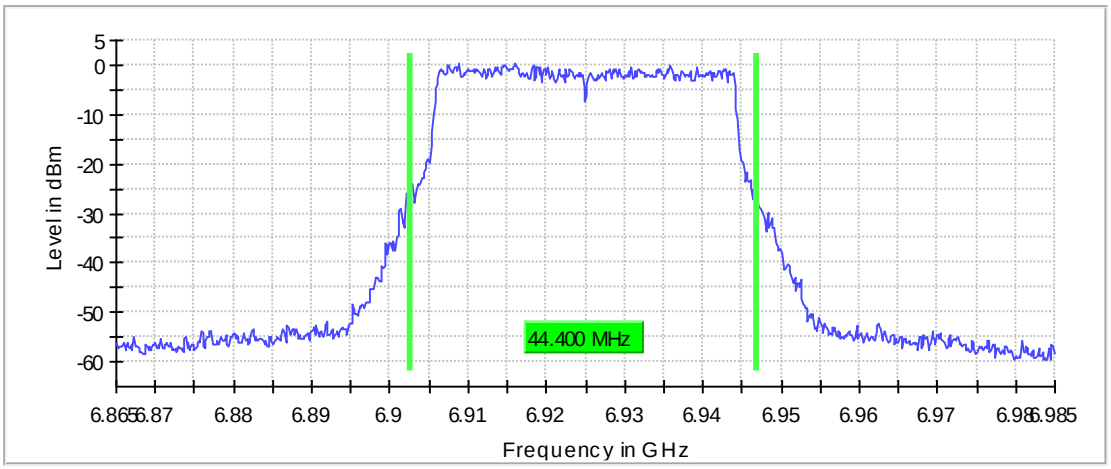
Emission Bandwidth 26 dB (6925 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

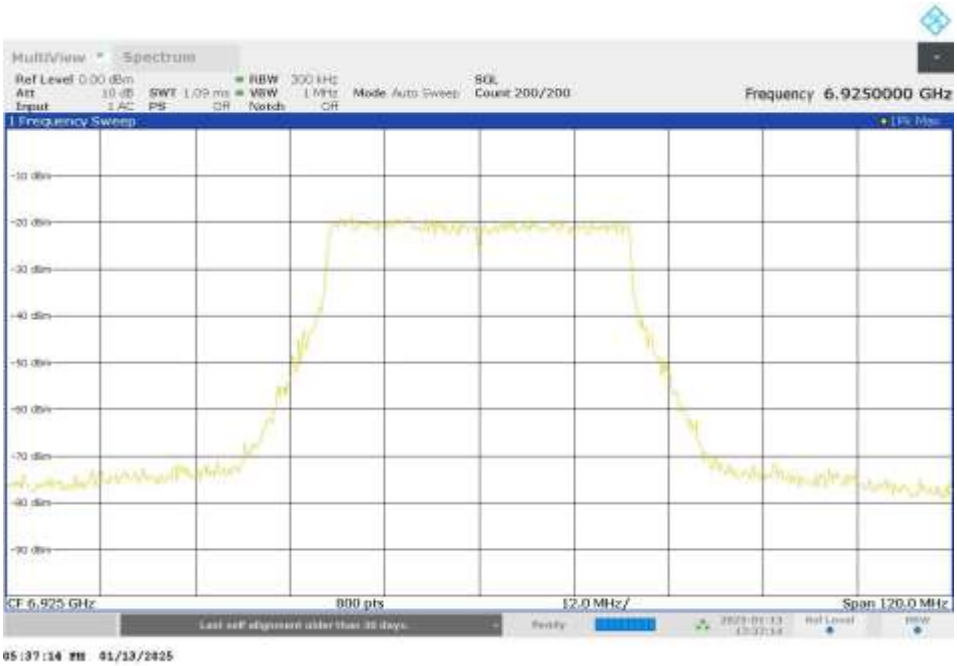
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6925.000000	44.400000	---	320.000000	6902.575000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6925.000000	6946.975000	---	0.3	PASS

26 dB Bandwidth



Bandwidth



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

Result

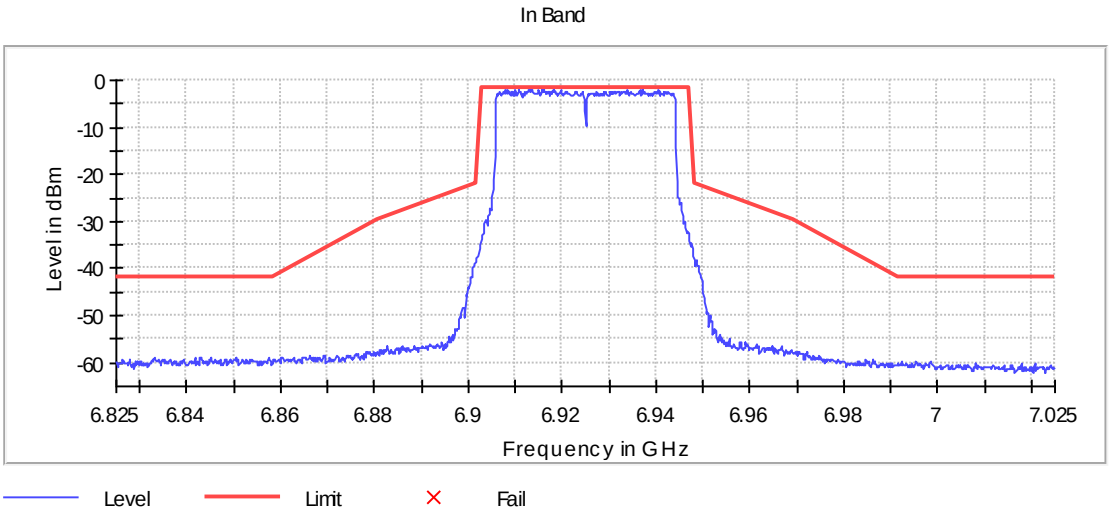
DUT Frequency (MHz)	Result
6925.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6916.147787	-1.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6936.552888	-1.9	0.1	-1.7	PASS
6908.045761	-1.9	0.1	-1.7	PASS
6913.147037	-1.9	0.2	-1.7	PASS
6913.447112	-2.0	0.2	-1.7	PASS
6913.597149	-2.0	0.3	-1.7	PASS
6915.697674	-2.0	0.3	-1.7	PASS
6912.996999	-2.0	0.3	-1.7	PASS
6940.603901	-2.1	0.3	-1.7	PASS
6933.852213	-2.1	0.3	-1.7	PASS
6934.002251	-2.1	0.4	-1.7	PASS
6940.453863	-2.1	0.4	-1.7	PASS
6937.153038	-2.1	0.4	-1.7	PASS
6910.746437	-2.1	0.4	-1.7	PASS
6910.146287	-2.2	0.4	-1.7	PASS
6915.097524	-2.2	0.4	-1.7	PASS

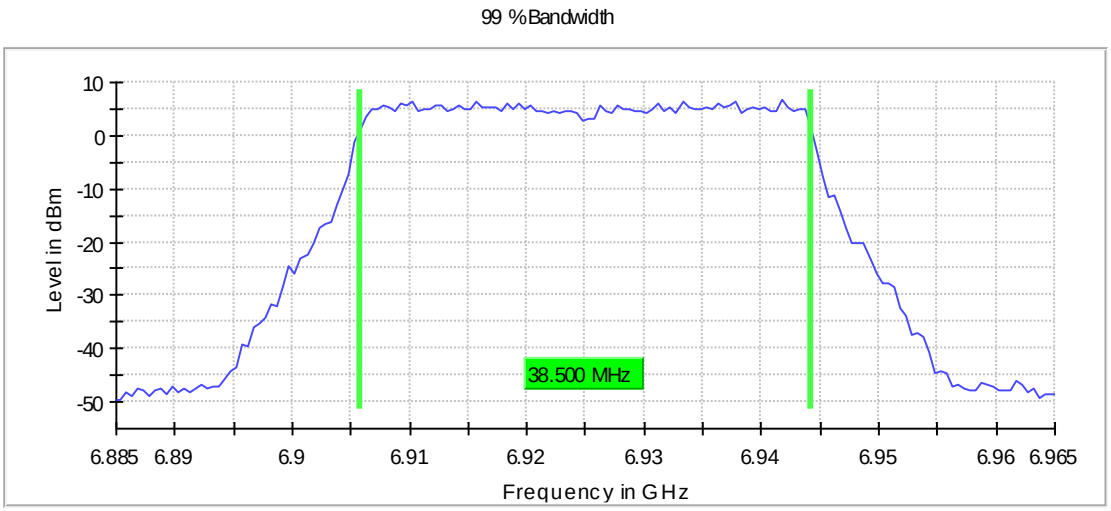


Occupied Channel Bandwidth 99% (6925 MHz; 24.000 dBm; 40 MHz)

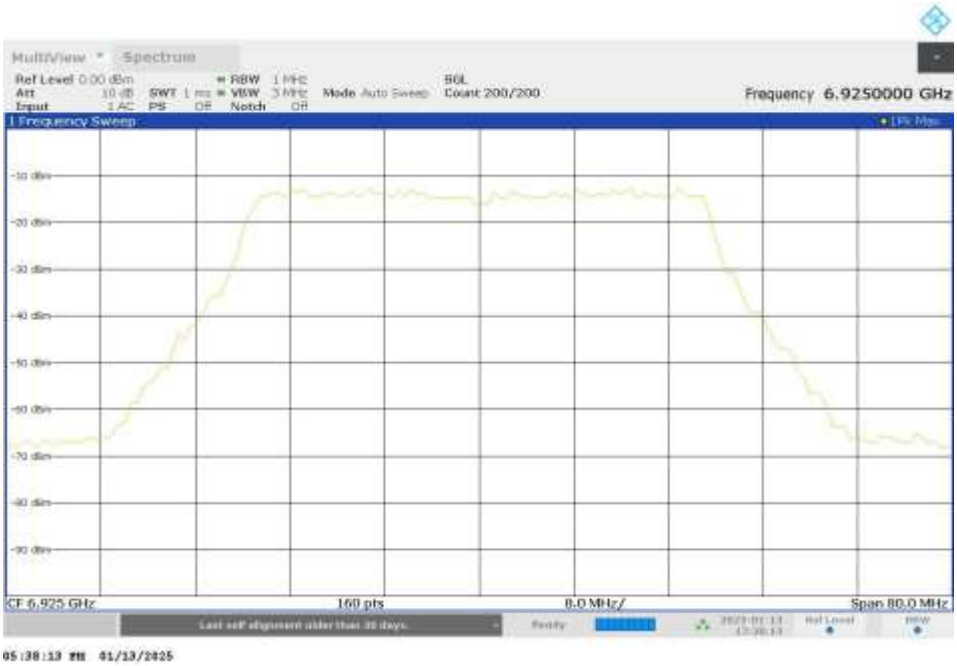
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6925.000000	38.500000	---	320.000000	6905.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6925.000000	6944.250000	7125.000000	PASS



Bandwidth



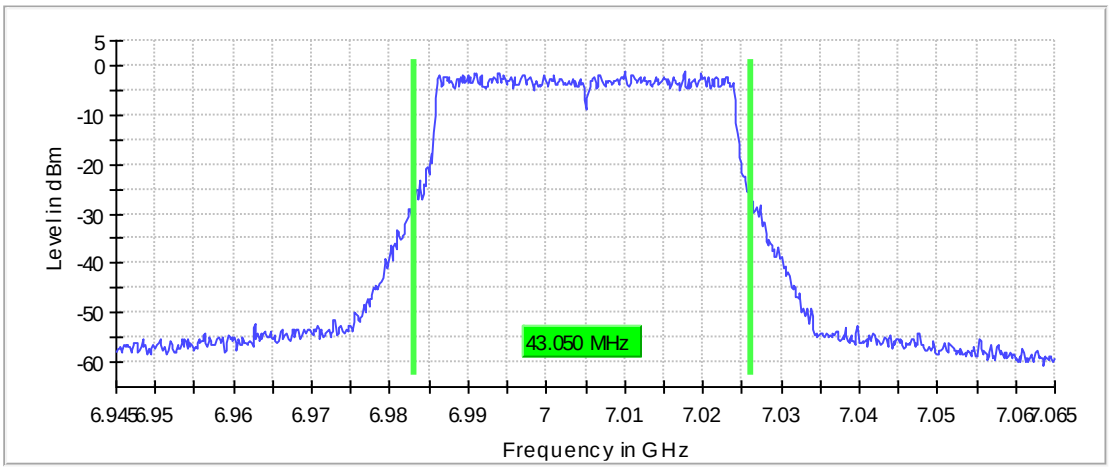
Emission Bandwidth 26 dB (7005 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

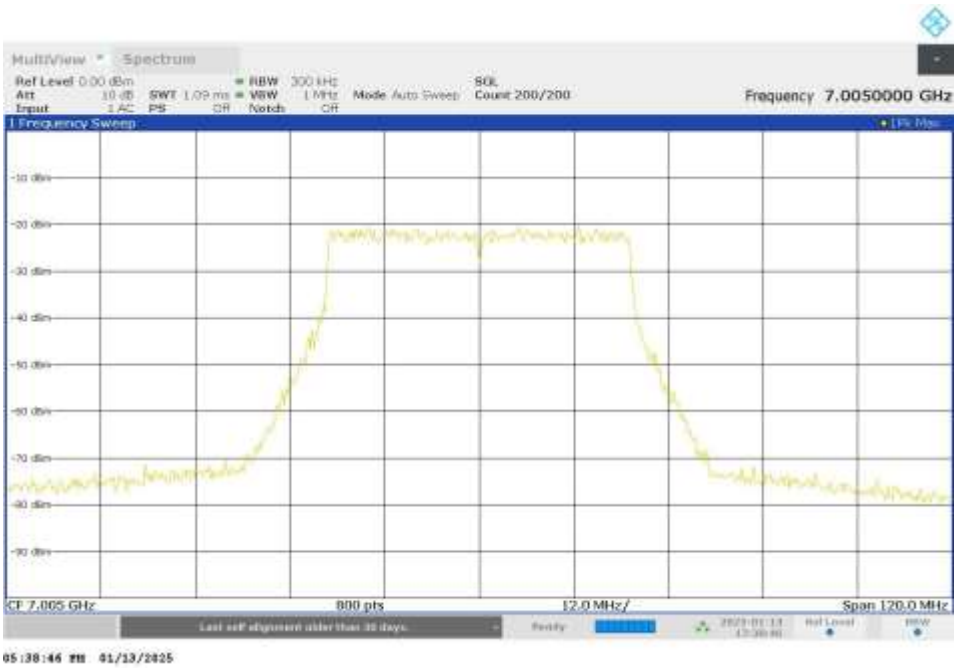
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7005.000000	43.050000	---	320.000000	6983.025000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7005.000000	7026.075000	---	-1.0	PASS

26 dB Bandwidth



Bandwidth



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

Result

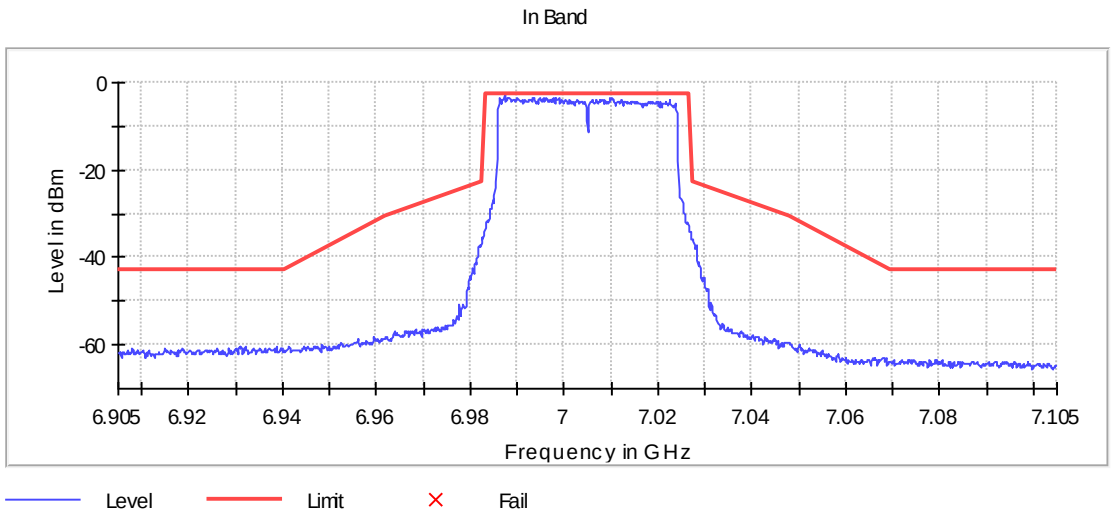
DUT Frequency (MHz)	Result
7005.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6987.295574	-2.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6987.295574	-2.8	0.0	-2.8	PASS
6994.797449	-3.4	0.5	-2.8	PASS
6998.848462	-3.4	0.6	-2.8	PASS
6987.445611	-3.4	0.6	-2.8	PASS
6995.547637	-3.5	0.7	-2.8	PASS
6998.248312	-3.5	0.7	-2.8	PASS
6990.146287	-3.5	0.7	-2.8	PASS
6997.648162	-3.5	0.7	-2.8	PASS
7009.801200	-3.6	0.7	-2.8	PASS
6988.495874	-3.6	0.8	-2.8	PASS
6986.395349	-3.6	0.8	-2.8	PASS
6997.798200	-3.6	0.8	-2.8	PASS
6993.597149	-3.6	0.8	-2.8	PASS
7010.251313	-3.6	0.8	-2.8	PASS
6988.195799	-3.6	0.8	-2.8	PASS

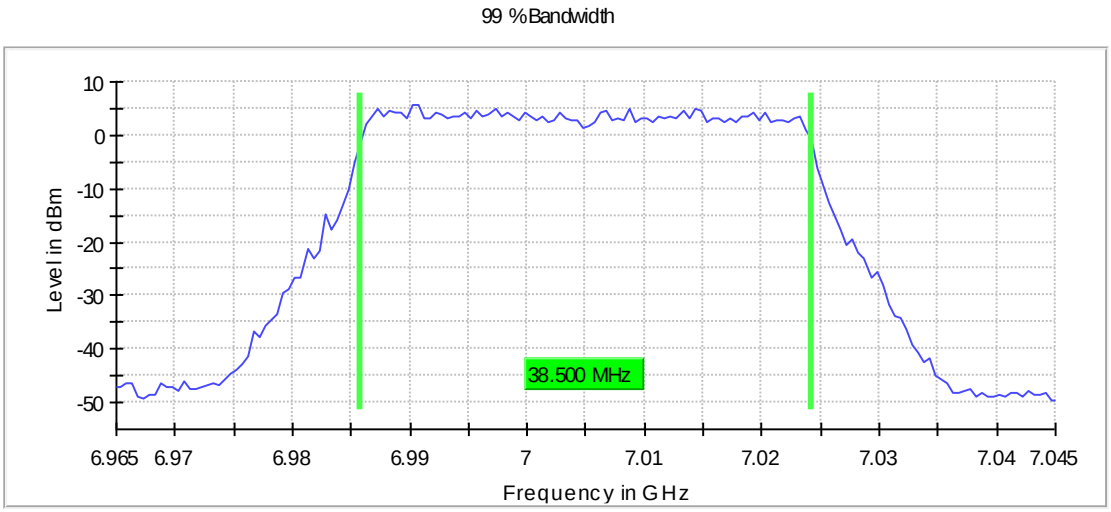


Occupied Channel Bandwidth 99% (7005 MHz; 24.000 dBm; 40 MHz)

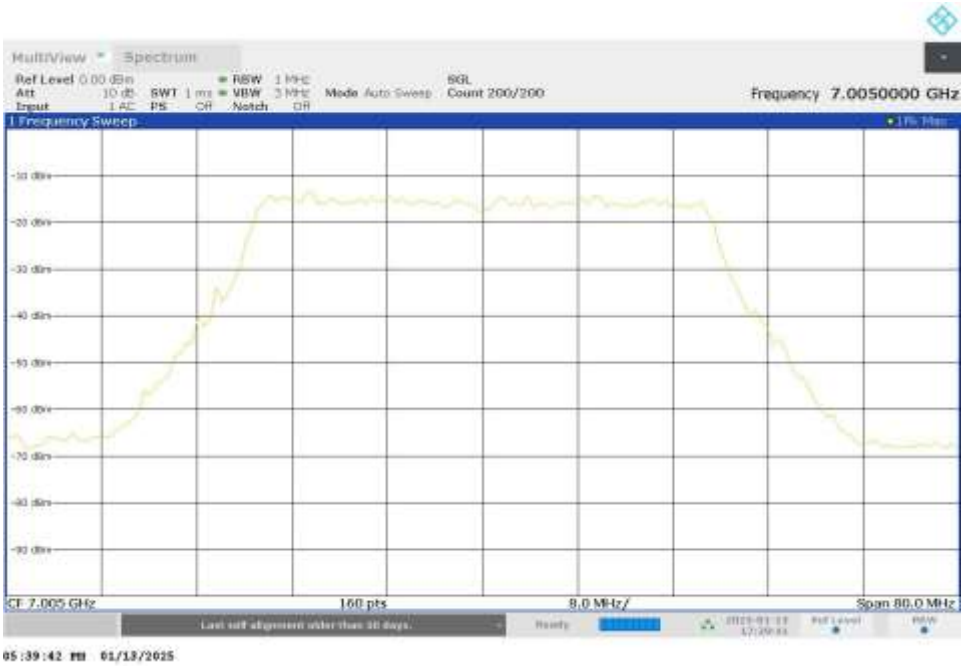
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7005.000000	38.500000	---	320.000000	6985.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7005.000000	7024.250000	7125.000000	PASS



Bandwidth



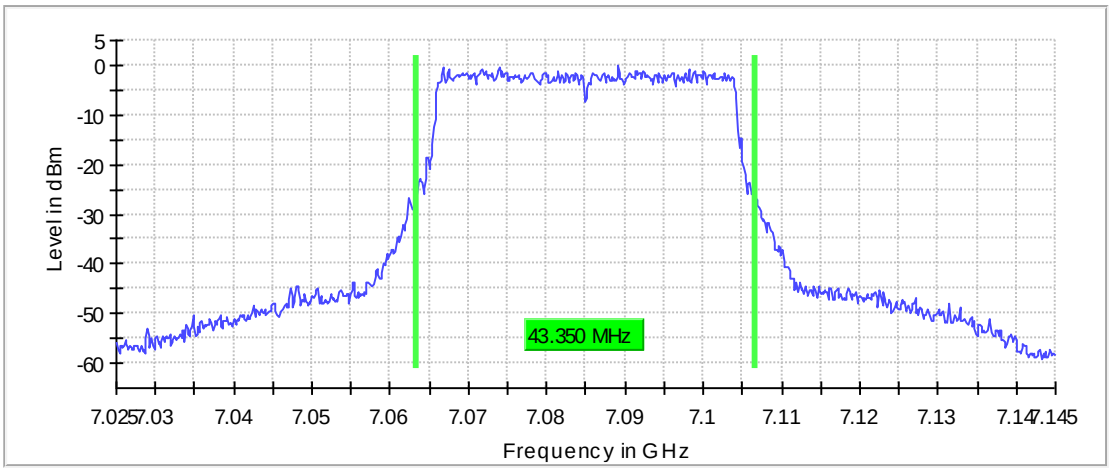
Emission Bandwidth 26 dB (7085 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

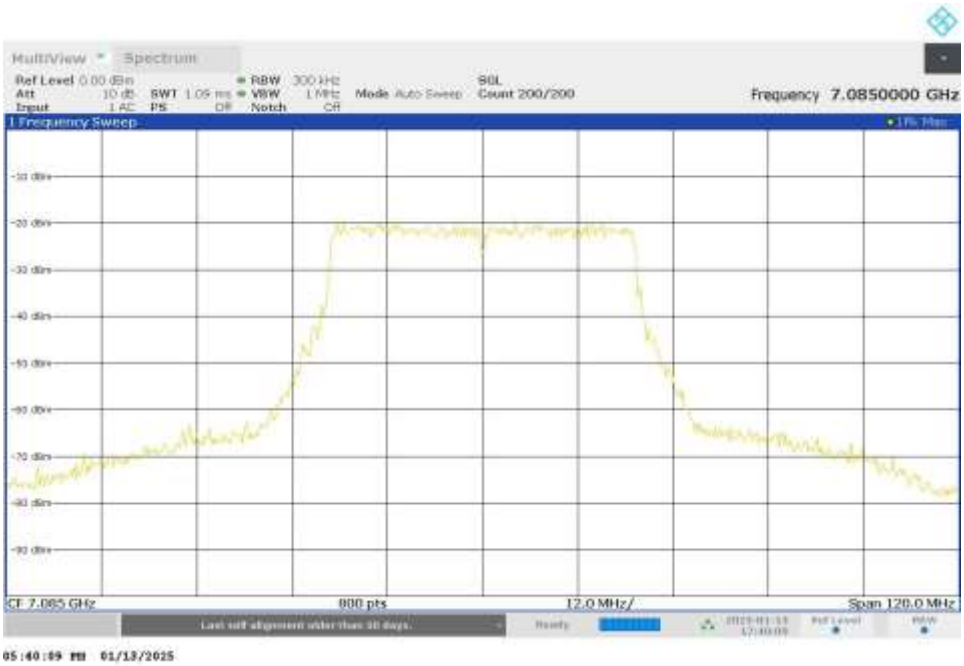
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7085.000000	43.350000	---	320.000000	7063.325000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7085.000000	7106.675000	---	-0.1	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
7085.000000	PASS

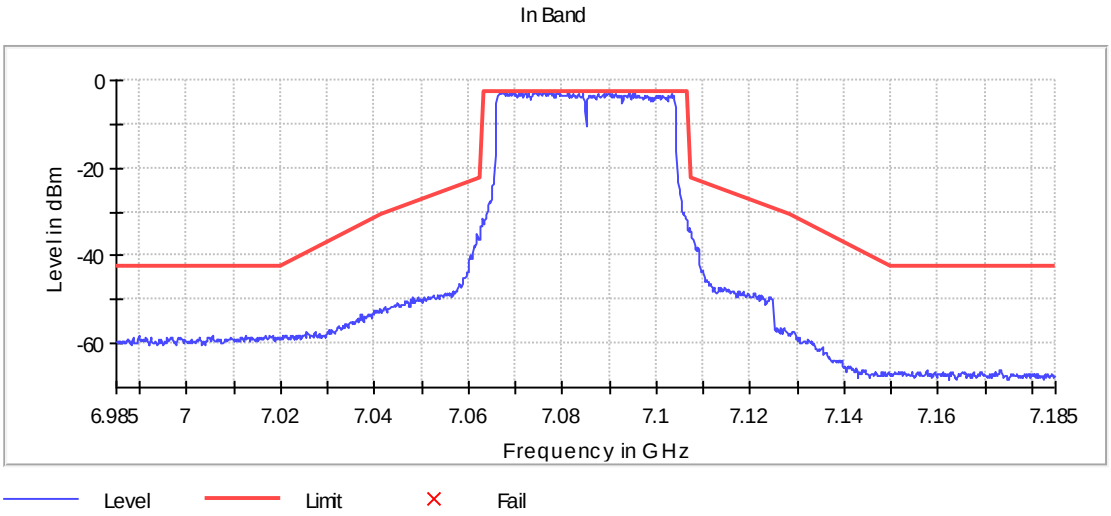
Inband Peak

Frequency (MHz)	Level (dBm)
7074.347337	-2.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7066.695424	-2.5	0.1	-2.4	PASS
7081.249062	-2.5	0.1	-2.4	PASS
7068.945986	-2.5	0.1	-2.4	PASS
7067.145536	-2.7	0.3	-2.4	PASS
7074.197299	-2.7	0.3	-2.4	PASS
7069.546137	-2.7	0.3	-2.4	PASS
7076.297824	-2.7	0.3	-2.4	PASS
7094.302326	-2.8	0.3	-2.4	PASS
7070.746437	-2.8	0.3	-2.4	PASS
7074.497374	-2.8	0.4	-2.4	PASS
7090.701425	-2.9	0.4	-2.4	PASS
7066.995499	-2.9	0.5	-2.4	PASS
7067.445611	-2.9	0.5	-2.4	PASS
7072.096774	-2.9	0.5	-2.4	PASS

7081.399100	-2.9	0.5	-2.4	PASS

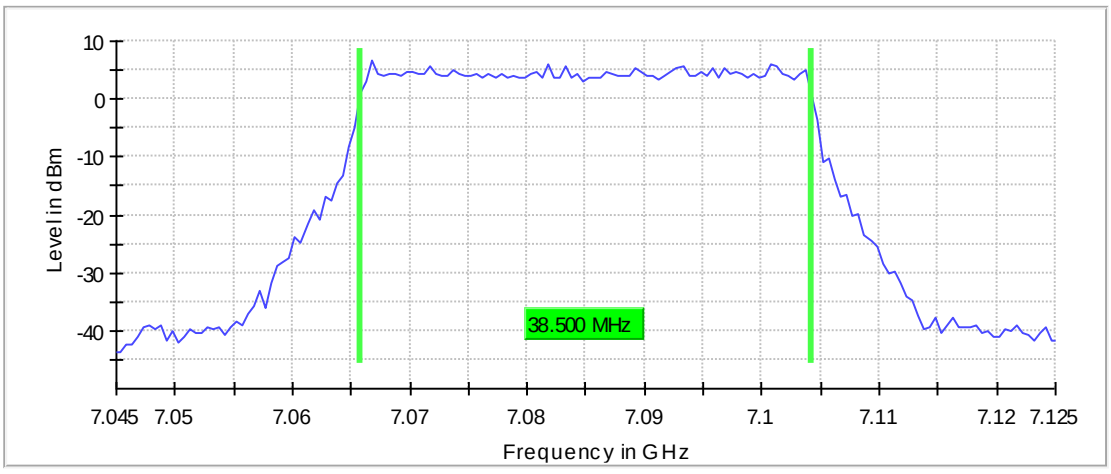


Occupied Channel Bandwidth 99% (7085 MHz; 24.000 dBm; 40 MHz)

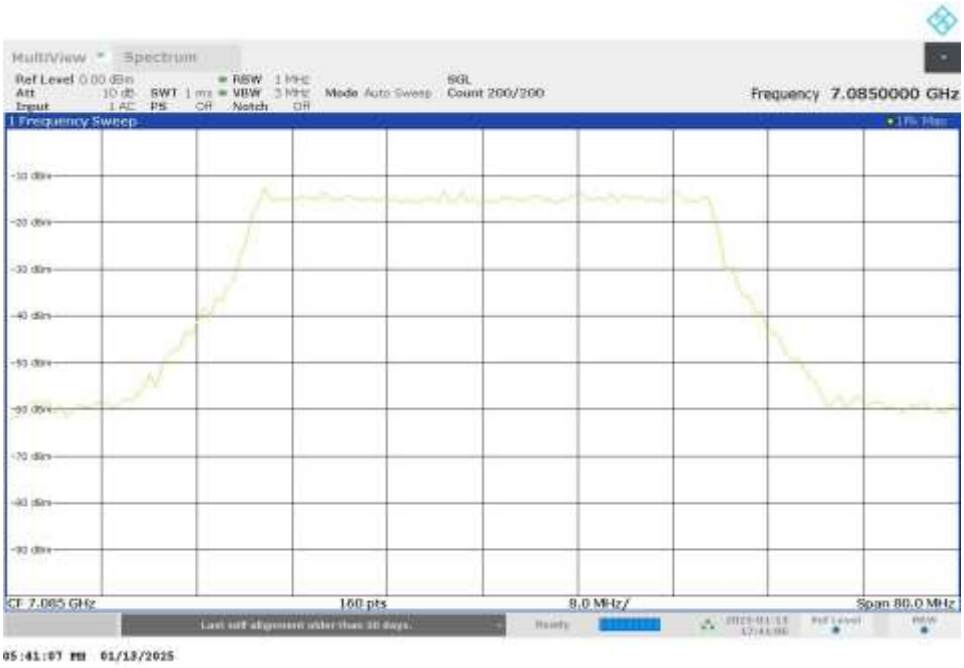
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7085.000000	38.500000	---	320.000000	7065.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7085.000000	7104.250000	7125.000000	PASS



Bandwidth



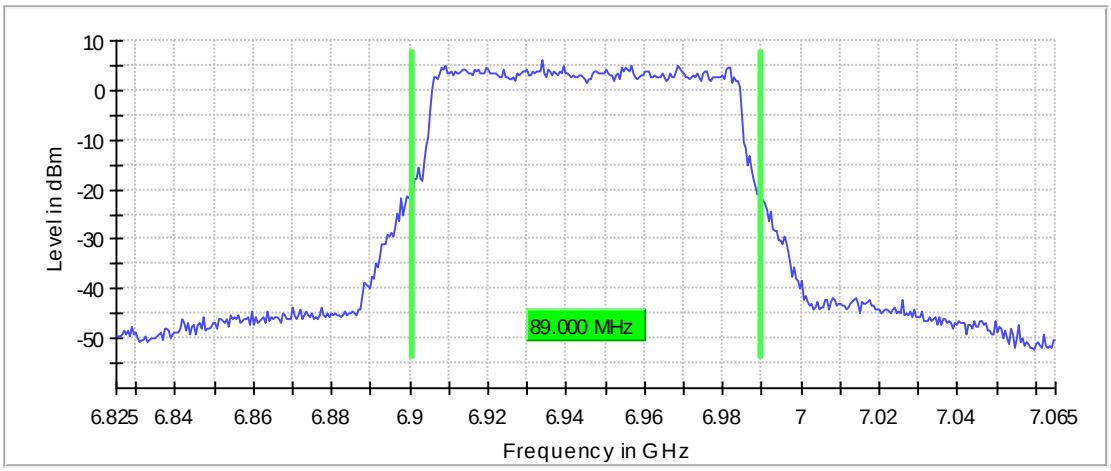
Emission Bandwidth 26 dB (6945 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

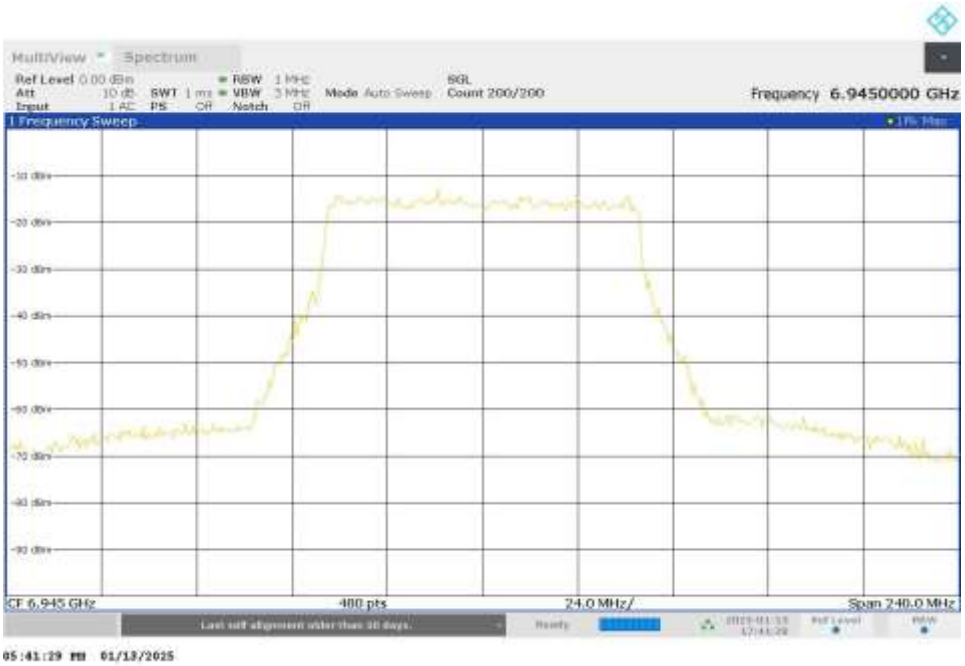
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6945.000000	89.000000	---	320.000000	6900.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6945.000000	6989.750000	---	6.2	PASS

26 dB Bandwidth



Bandwidth



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

Result

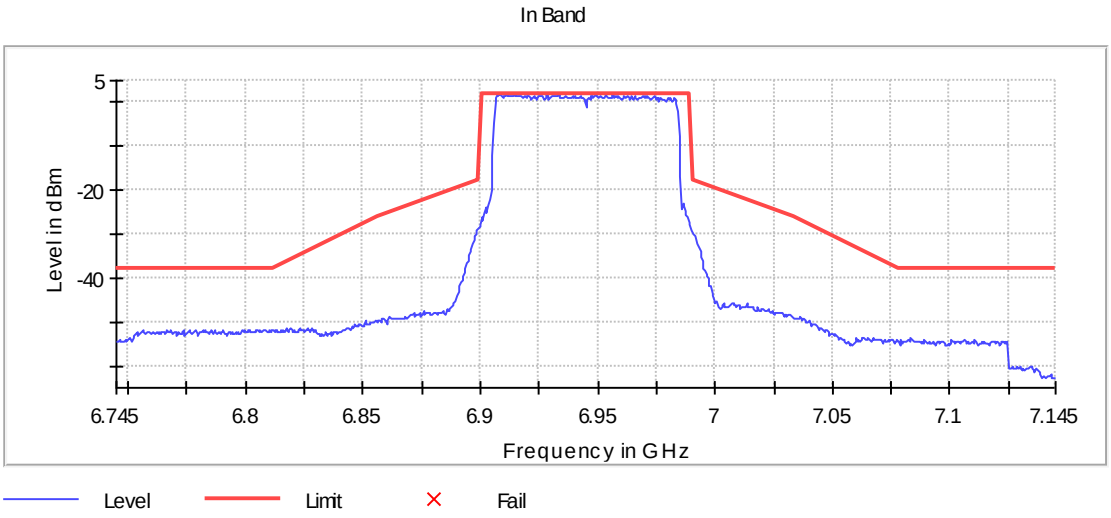
DUT Frequency (MHz)	Result
6945.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6933.750000	2.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6933.750000	2.1	0.0	2.1	PASS
6907.250000	1.9	0.2	2.1	PASS
6956.250000	1.9	0.2	2.1	PASS
6908.250000	1.8	0.3	2.1	PASS
6928.250000	1.8	0.3	2.1	PASS
6911.250000	1.8	0.3	2.1	PASS
6953.250000	1.7	0.4	2.1	PASS
6914.750000	1.7	0.4	2.1	PASS
6949.250000	1.7	0.4	2.1	PASS
6912.250000	1.7	0.4	2.1	PASS
6910.750000	1.7	0.4	2.1	PASS
6915.750000	1.7	0.4	2.1	PASS
6925.750000	1.7	0.4	2.1	PASS
6918.750000	1.7	0.4	2.1	PASS
6932.750000	1.7	0.4	2.1	PASS

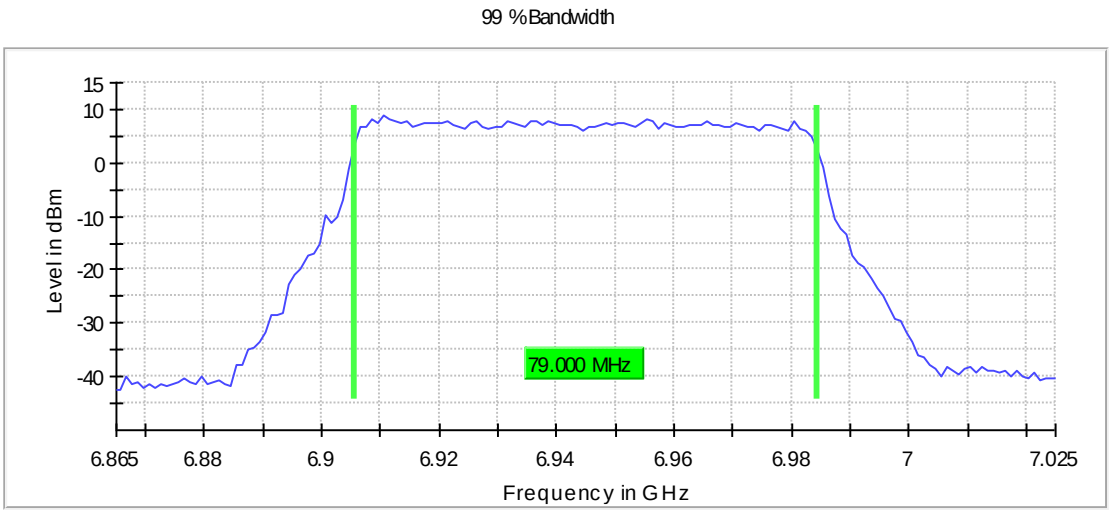


Occupied Channel Bandwidth 99% (6945 MHz; 24.000 dBm; 80 MHz)

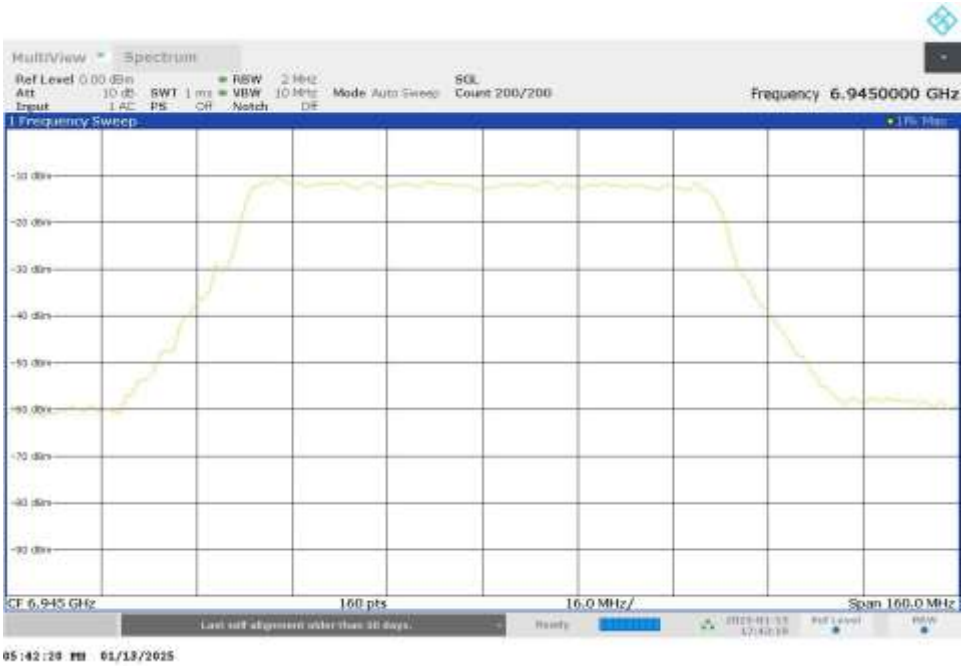
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6945.000000	79.000000	---	320.000000	6905.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6945.000000	6984.500000	7125.000000	PASS



Bandwidth



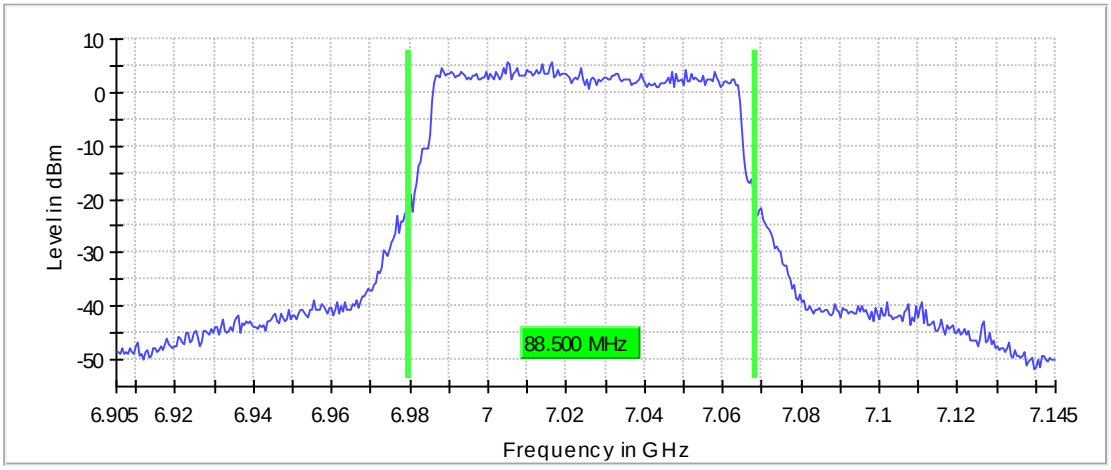
Emission Bandwidth 26 dB (7025 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

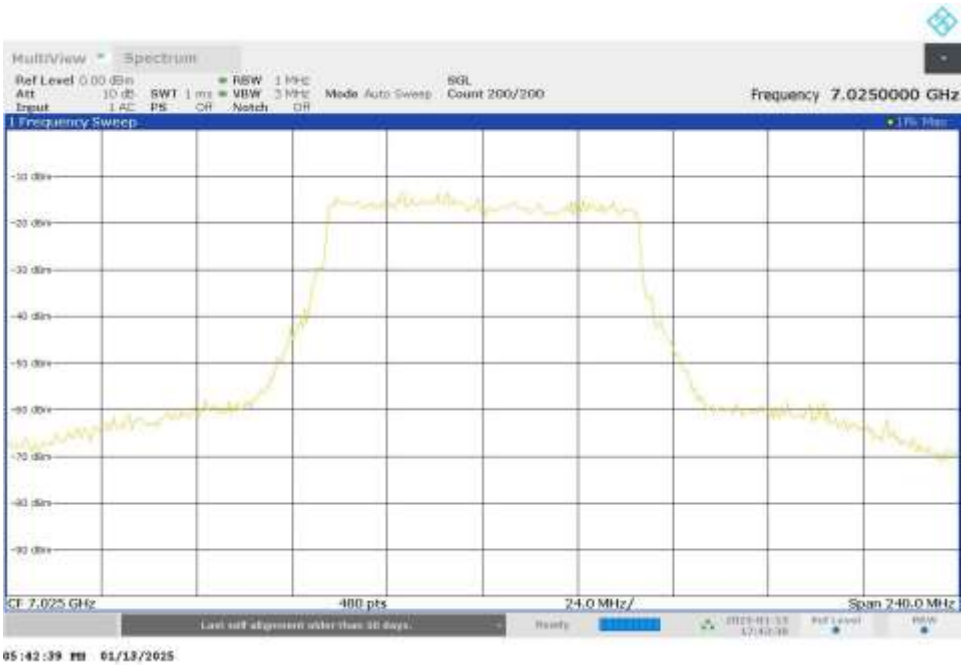
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7025.000000	88.500000	---	320.000000	6979.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7025.000000	7068.250000	---	5.8	PASS

26 dB Bandwidth



Bandwidth



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

Result

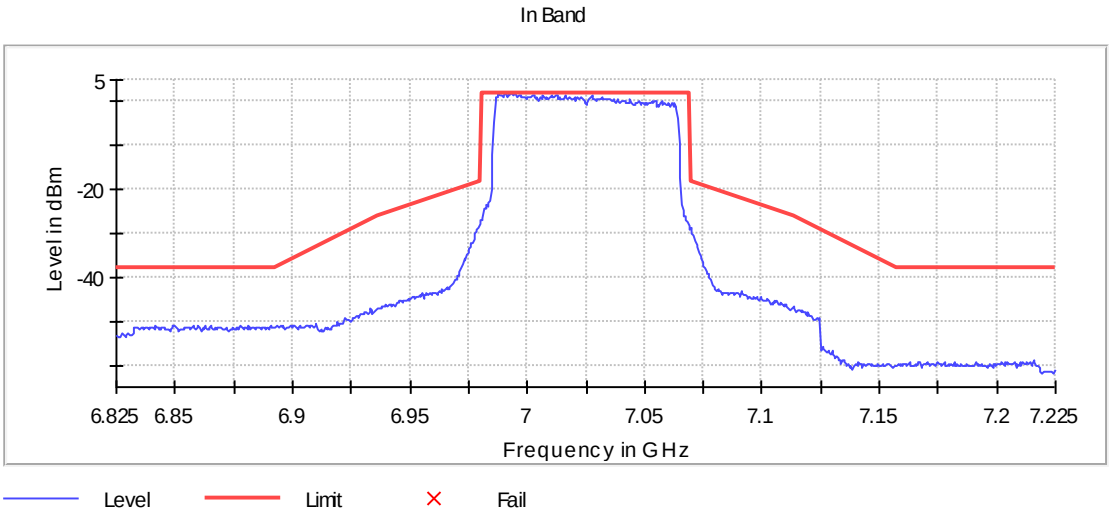
DUT Frequency (MHz)	Result
7025.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6993.250000	1.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6993.250000	1.9	0.0	1.9	PASS
6995.250000	1.9	0.0	1.9	PASS
6994.750000	1.9	0.1	1.9	PASS
6990.750000	1.9	0.1	1.9	PASS
6992.750000	1.8	0.1	1.9	PASS
6987.750000	1.8	0.1	1.9	PASS
6994.250000	1.7	0.2	1.9	PASS
6997.250000	1.7	0.2	1.9	PASS
6991.750000	1.6	0.3	1.9	PASS
6996.750000	1.6	0.3	1.9	PASS
7006.750000	1.6	0.3	1.9	PASS
6988.750000	1.6	0.3	1.9	PASS
6990.250000	1.6	0.3	1.9	PASS
6996.250000	1.5	0.4	1.9	PASS
6988.250000	1.5	0.4	1.9	PASS

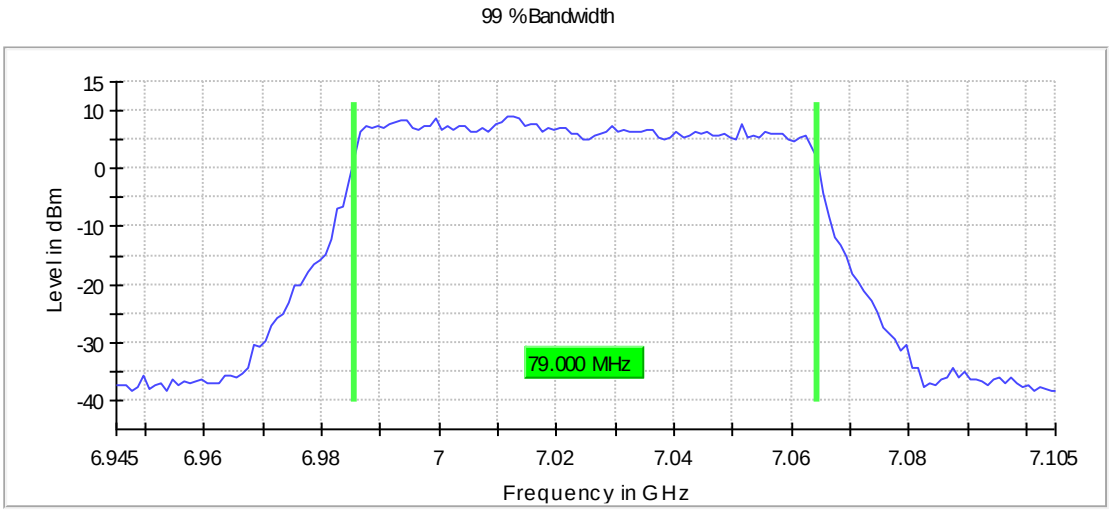


Occupied Channel Bandwidth 99% (7025 MHz; 24.000 dBm; 80 MHz)

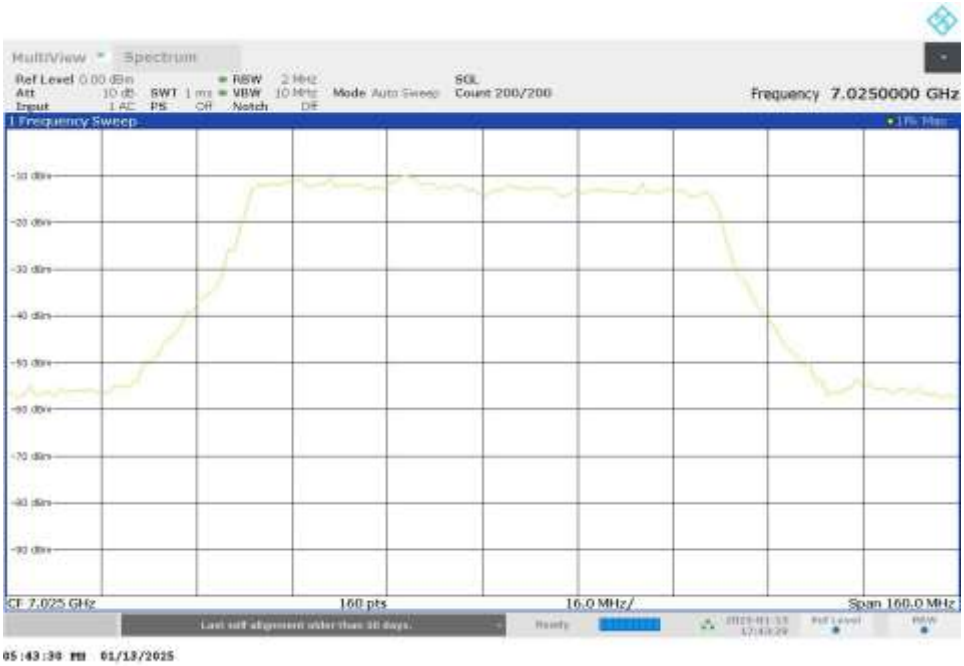
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7025.000000	79.000000	---	320.000000	6985.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
7025.000000	7064.500000	7125.000000	PASS



Bandwidth

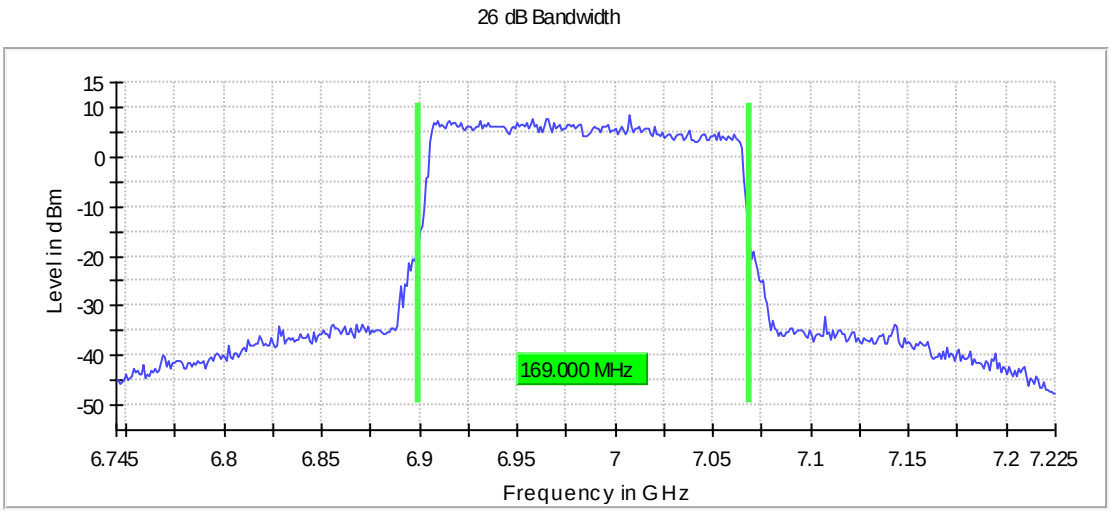


Emission Bandwidth 26 dB (6985 MHz; 24.000 dBm; 160 MHz)

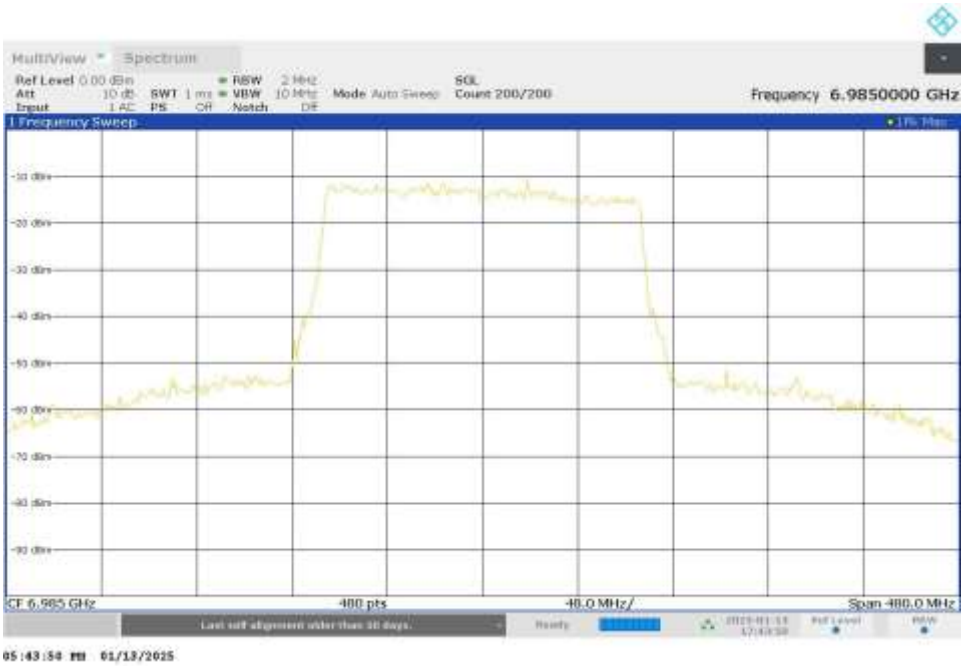
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6985.000000	169.000000	---	320.000000	6899.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6985.000000	7068.500000	---	8.6	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Inband Peak

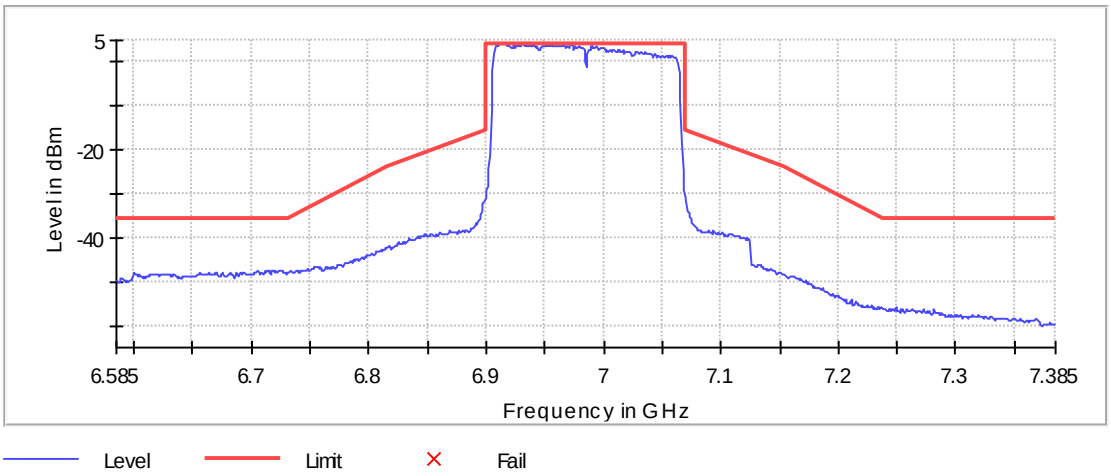
Frequency (MHz)	Level (dBm)
6972.500000	4.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6972.500000	4.3	0.0	4.3	PASS
6931.500000	4.2	0.0	4.3	PASS
6927.500000	4.2	0.1	4.3	PASS
6915.500000	4.1	0.2	4.3	PASS
6923.500000	4.1	0.2	4.3	PASS
6909.500000	4.1	0.2	4.3	PASS
6914.500000	4.1	0.2	4.3	PASS
6912.500000	4.1	0.2	4.3	PASS
6930.500000	4.1	0.2	4.3	PASS
6918.500000	4.1	0.2	4.3	PASS
6934.500000	4.0	0.2	4.3	PASS
6937.500000	4.0	0.3	4.3	PASS
6955.500000	4.0	0.3	4.3	PASS
6916.500000	3.9	0.3	4.3	PASS

6965.500000	3.9	0.3	4.3	PASS

In Band



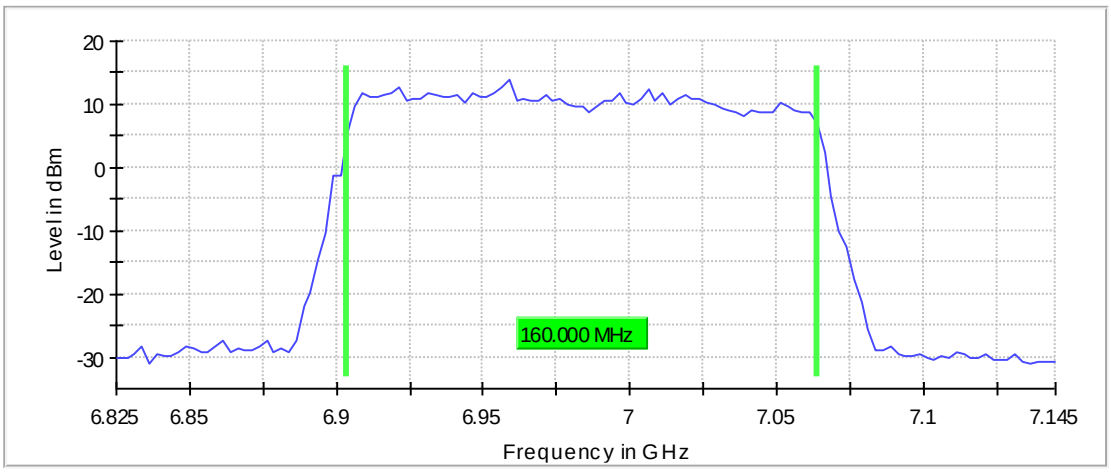
Occupied Channel Bandwidth 99% (6985 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

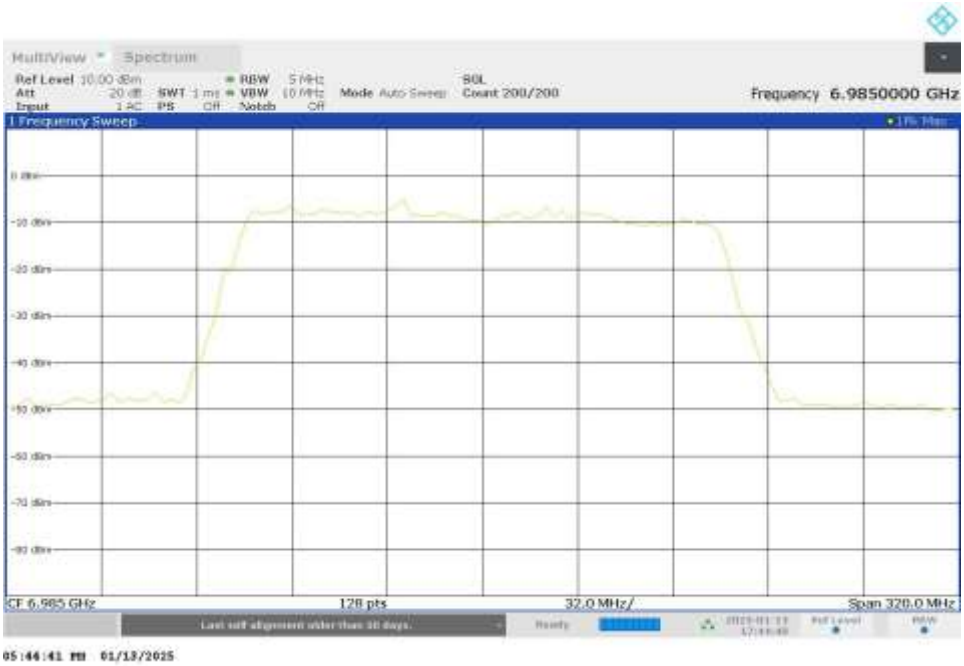
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6985.000000	160.000000	---	320.000000	6903.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6985.000000	7063.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

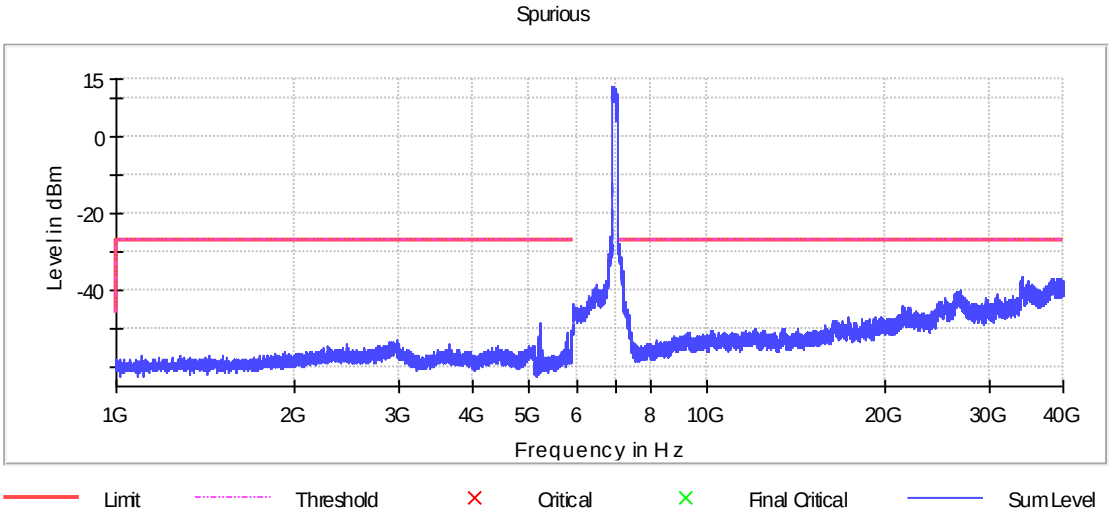
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7126.250000	-29.4	2.4	-27.0
7125.750000	-29.6	2.6	-27.0
7133.250000	-29.7	2.7	-27.0
7134.250000	-30.4	3.4	-27.0
7129.750000	-30.5	3.5	-27.0
7126.750000	-30.8	3.8	-27.0
7135.750000	-31.0	4.0	-27.0
7127.250000	-31.2	4.2	-27.0
7133.750000	-31.2	4.2	-27.0
7125.250000	-31.3	4.3	-27.0
7145.750000	-31.3	4.3	-27.0
7135.250000	-31.4	4.4	-27.0
7137.750000	-31.4	4.4	-27.0
7132.750000	-31.4	4.4	-27.0
7129.250000	-31.5	4.5	-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
---	---	---	---	---	---

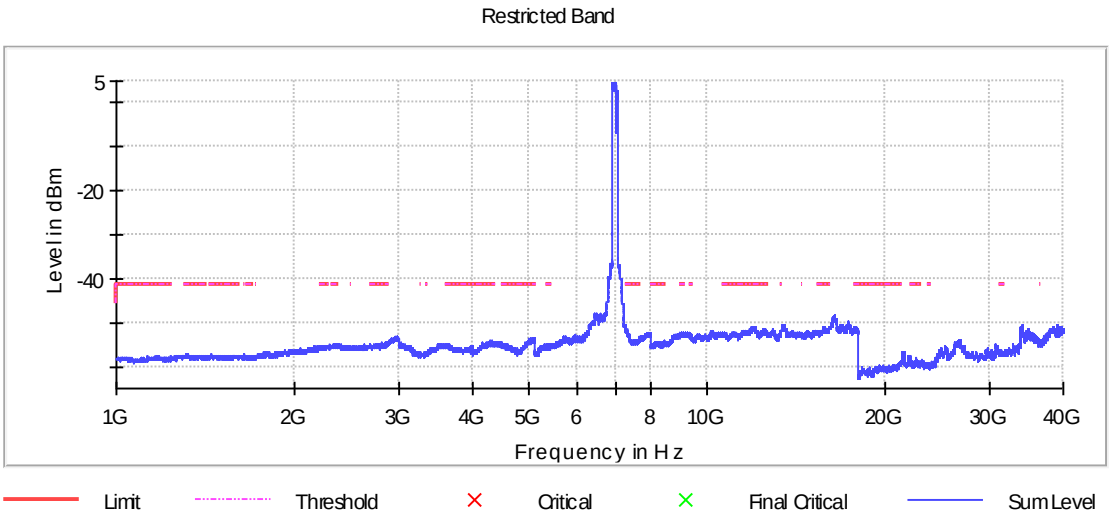
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
16194.750000	-50.6	9.4	-41.2
16187.750000	-50.6	9.4	-41.2
16198.250000	-50.7	9.5	-41.2
7257.250000	-50.7	9.5	-41.2
16178.250000	-50.7	9.5	-41.2
7259.250000	-50.7	9.5	-41.2
7263.750000	-50.8	9.6	-41.2
7250.250000	-50.8	9.6	-41.2
7272.250000	-50.8	9.6	-41.2
16144.750000	-50.8	9.6	-41.2

16151.250000	-50.8	9.6	-41.2
7253.750000	-50.8	9.6	-41.2
16196.250000	-50.8	9.6	-41.2
16197.750000	-50.8	9.6	-41.2
16182.750000	-50.8	9.6	-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
---	---	---	---	---	---

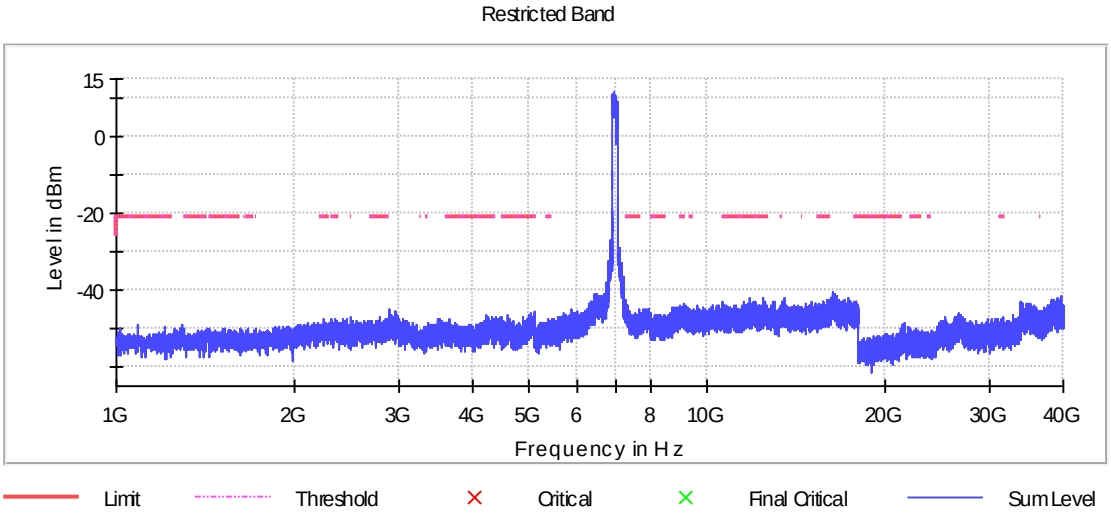
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
12453.750000	-41.8	20.6	-21.2
11792.750000	-41.8	20.6	-21.2
11793.250000	-41.8	20.6	-21.2
16151.250000	-41.8	20.6	-21.2
12454.250000	-42.2	21.0	-21.2

15980.250000	-42.5	21.3	-21.2
7276.250000	-42.6	21.4	-21.2
16052.750000	-42.6	21.4	-21.2
17865.250000	-42.8	21.6	-21.2
15734.250000	-42.8	21.6	-21.2
15741.750000	-42.8	21.6	-21.2
10623.750000	-42.8	21.6	-21.2
12010.250000	-42.8	21.6	-21.2
11492.750000	-42.9	21.7	-21.2
16161.250000	-42.9	21.7	-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



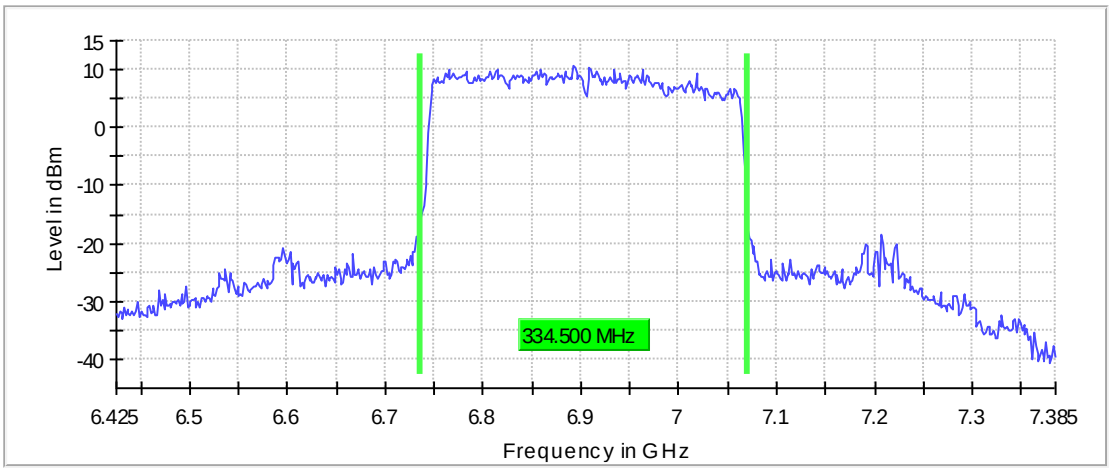
Emission Bandwidth 26 dB (6905 MHz; 24.000 dBm; 320 MHz)

26 dB Bandwidth

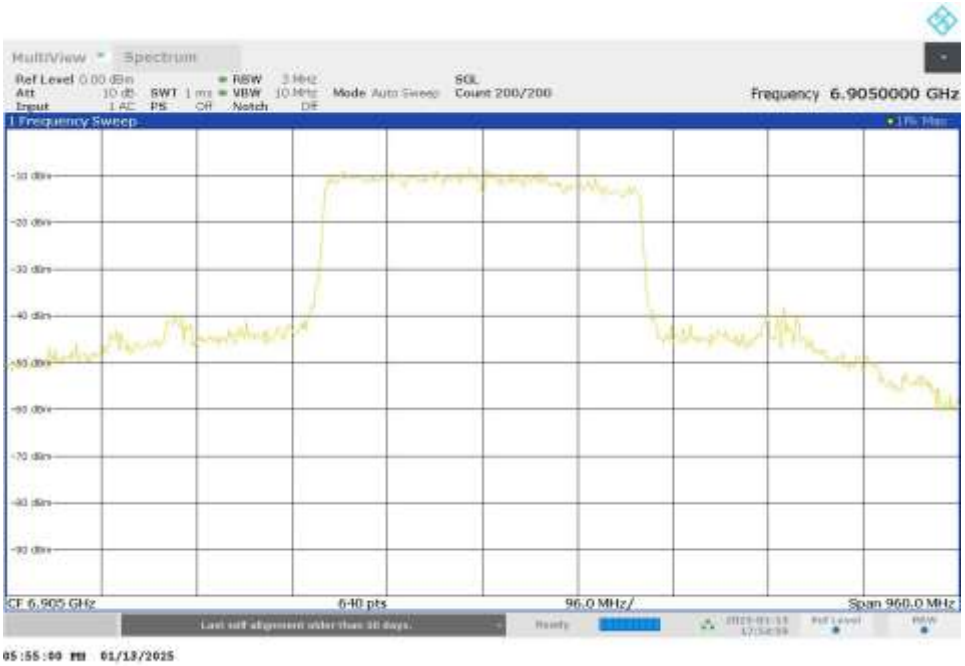
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6905.000000	334.500000	138.750000	195.750000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6905.000000	6736.250000	---	7070.750000	---	10.7	PASS

26 dB Bandwidth



Bandwidth



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

Result

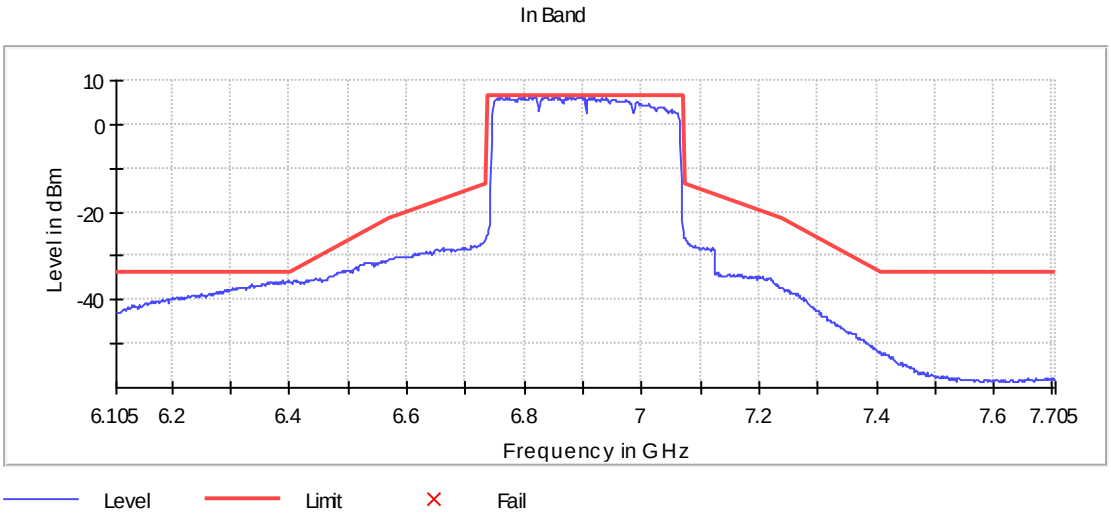
DUT Frequency (MHz)	Result
6905.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6854.015933	6.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6891.504217	6.2	0.2	6.4	PASS
6839.020619	6.2	0.2	6.4	PASS
6884.006560	6.2	0.2	6.4	PASS
6810.529522	6.1	0.3	6.4	PASS
6815.028116	6.1	0.3	6.4	PASS
6910.998126	6.1	0.3	6.4	PASS
6836.021556	6.1	0.3	6.4	PASS
6812.029053	6.1	0.3	6.4	PASS
6816.527648	6.1	0.3	6.4	PASS
6768.542643	6.1	0.3	6.4	PASS
6876.508903	6.1	0.3	6.4	PASS
6834.522024	6.1	0.3	6.4	PASS
6833.022493	6.1	0.3	6.4	PASS
6809.029991	6.0	0.3	6.4	PASS
6894.503280	6.0	0.4	6.4	PASS

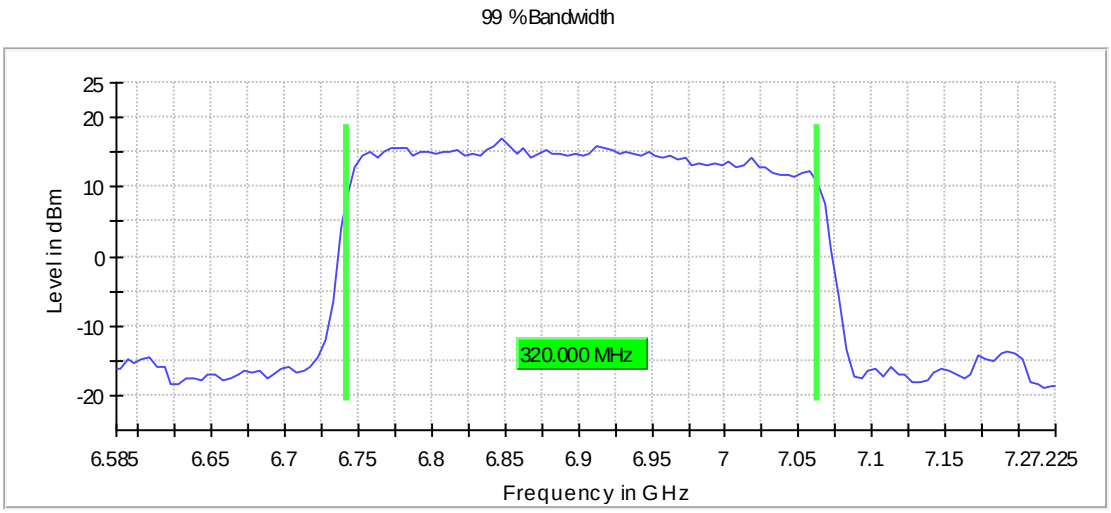


Occupied Channel Bandwidth 99% (6905 MHz; 24.000 dBm; 320 MHz)

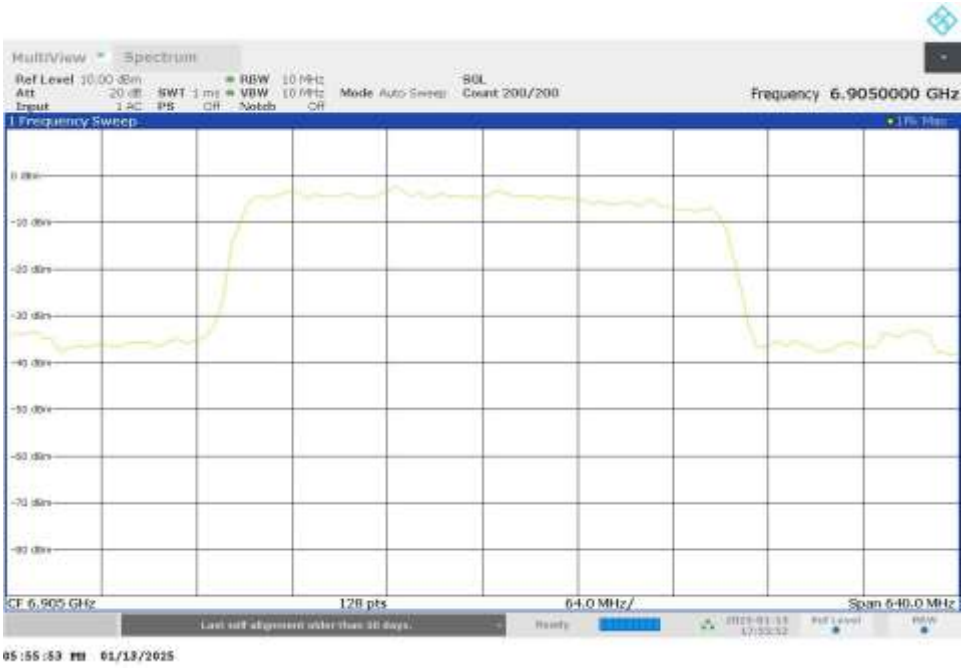
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6905.000000	320.000000	132.500000	187.500000	---	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	6742.500000	5925.000000	7062.500000	7125.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

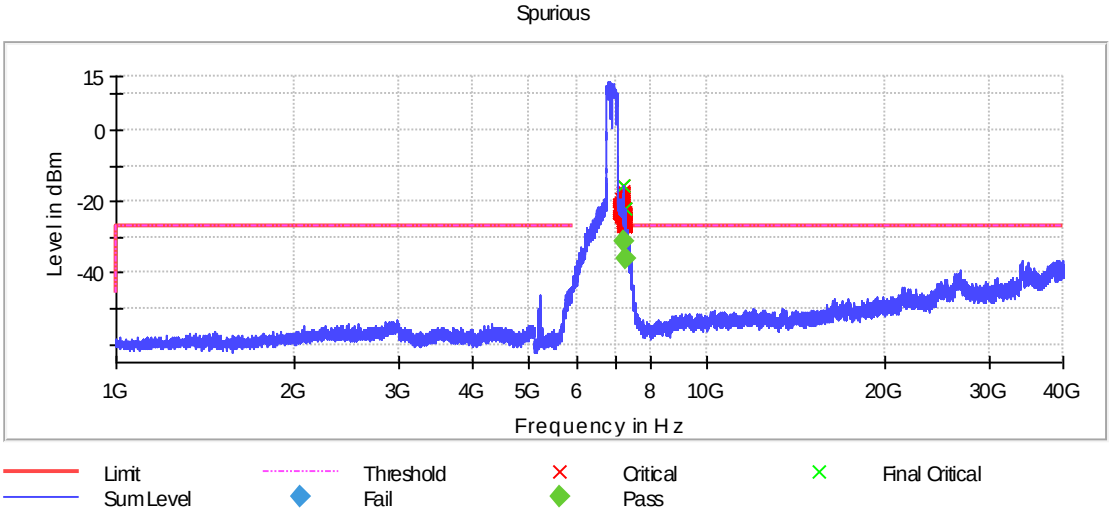
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
7208.750000	-15.7	-31.2	-27.0	4.2	PASS
7287.750000	-21.9	-36.1	-27.0	9.1	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7208.750000	-15.7	-11.3	-27.0
7209.250000	-17.3	-9.7	-27.0
7207.250000	-17.5	-9.5	-27.0
7206.750000	-17.7	-9.3	-27.0
7202.750000	-17.9	-9.1	-27.0
7197.250000	-18.0	-9.0	-27.0
7208.250000	-18.2	-8.8	-27.0
7201.750000	-18.5	-8.5	-27.0
7202.250000	-18.6	-8.4	-27.0
7201.250000	-19.0	-8.0	-27.0
7206.250000	-19.3	-7.7	-27.0
7136.750000	-19.3	-7.7	-27.0
7203.750000	-19.6	-7.4	-27.0
7200.750000	-19.9	-7.1	-27.0
7209.750000	-19.9	-7.1	-27.0

Measurement Settings

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



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

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

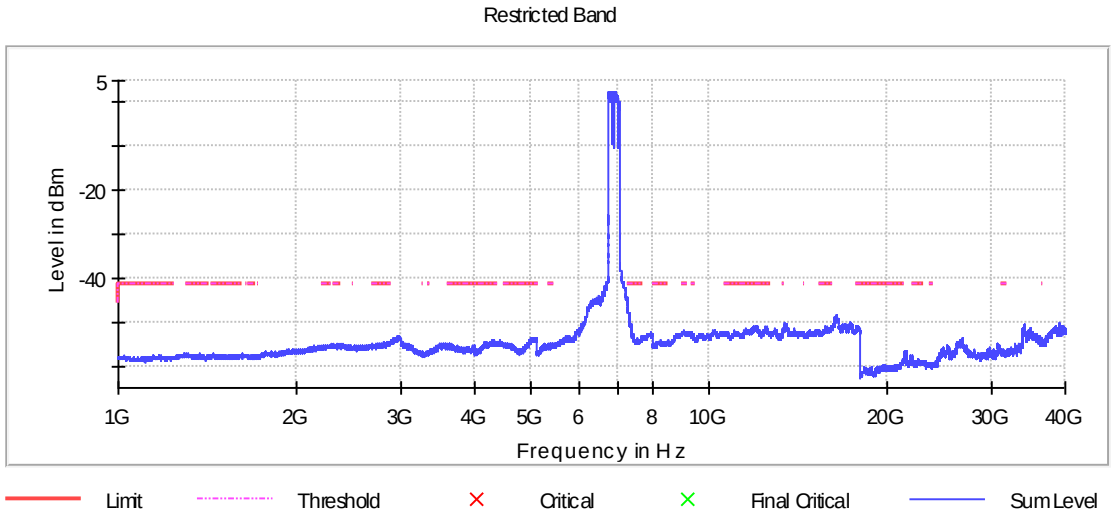
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7250.250000	-44.9	3.7	-41.2
7251.750000	-44.9	3.7	-41.2
7250.750000	-44.9	3.7	-41.2
7255.250000	-44.9	3.7	-41.2
7255.750000	-45.0	3.8	-41.2
7251.250000	-45.1	3.9	-41.2
7254.750000	-45.1	3.9	-41.2
7253.750000	-45.2	4.0	-41.2
7257.250000	-45.2	4.0	-41.2
7253.250000	-45.2	4.0	-41.2
7262.750000	-45.3	4.1	-41.2
7256.250000	-45.3	4.1	-41.2
7258.750000	-45.3	4.1	-41.2
7256.750000	-45.3	4.1	-41.2
7252.250000	-45.3	4.1	-41.2

Measurement Settings

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



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

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

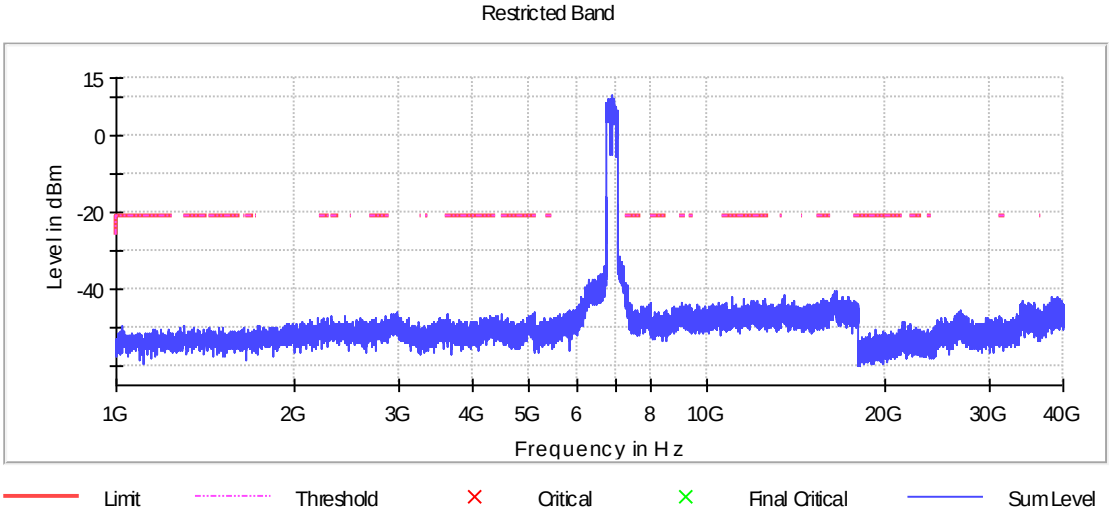
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7280.750000	-38.3	17.1	-21.2
7254.750000	-38.4	17.2	-21.2
7283.250000	-38.6	17.4	-21.2
7253.750000	-38.7	17.5	-21.2
7262.250000	-39.1	17.9	-21.2
7282.250000	-39.2	18.0	-21.2
7301.250000	-39.2	18.0	-21.2
7255.750000	-39.3	18.1	-21.2
7261.250000	-39.3	18.1	-21.2
7301.750000	-39.5	18.3	-21.2
7304.250000	-39.5	18.3	-21.2
7255.250000	-39.6	18.4	-21.2
7251.250000	-39.6	18.4	-21.2
7266.750000	-39.6	18.4	-21.2
7263.250000	-39.7	18.5	-21.2

Measurement Settings

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



1.1.2 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

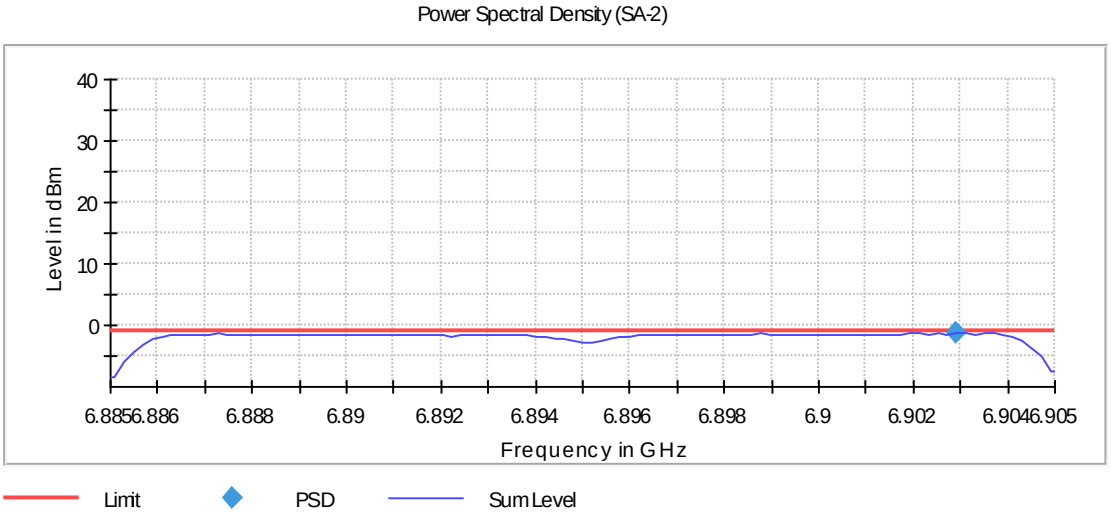
Power Spectral Density (SA-2) (6895 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6895.000000	6902.920792	-1.285	-1.0	PASS

Ports

Port	State
1	used
2	used



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	20.000 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

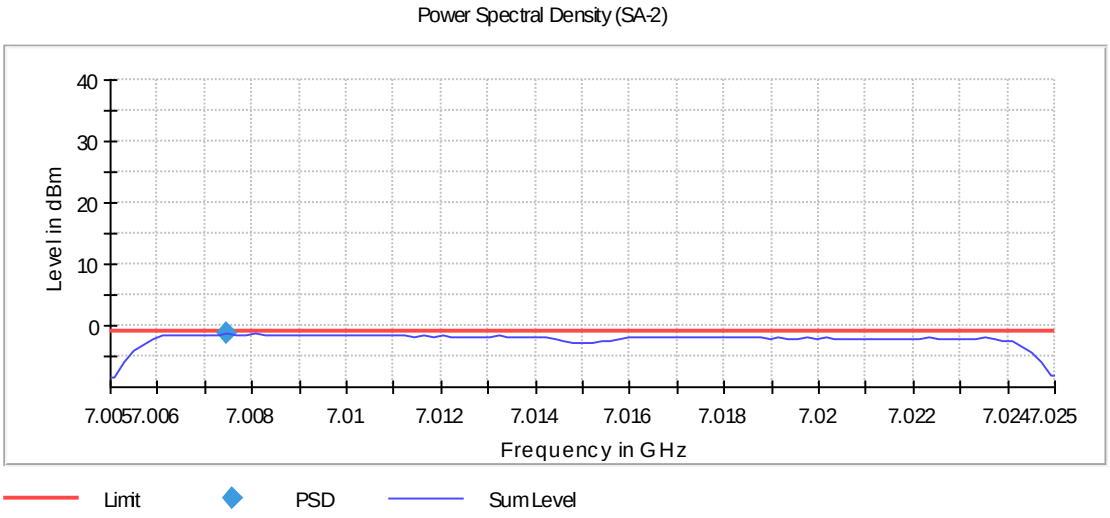
Power Spectral Density (SA-2) (7015 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7015.000000	7007.475248	-1.325	-1.0	PASS

Ports

Port	State
1	used
2	used



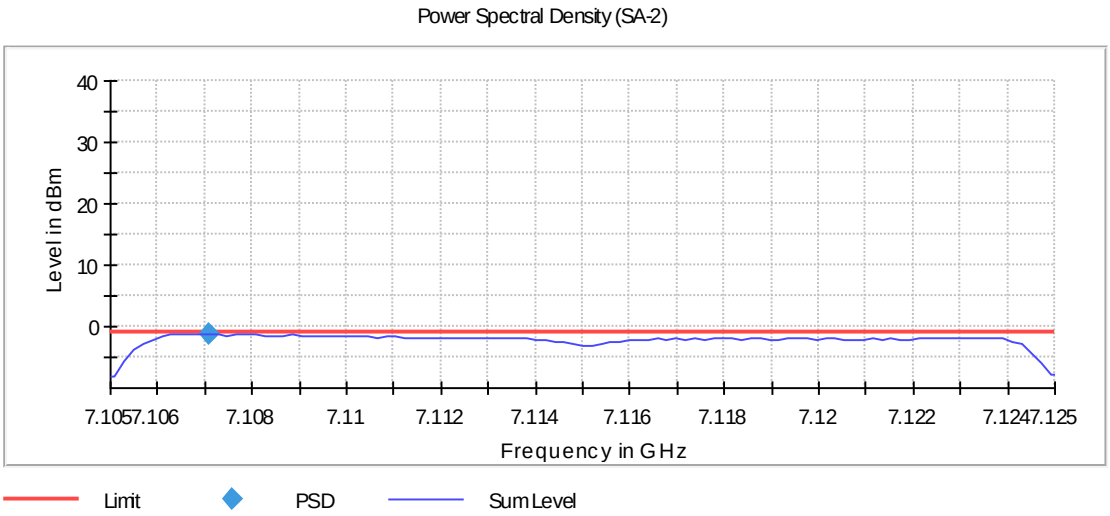
Power Spectral Density (SA-2) (7115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7115.000000	7107.079208	-1.189	-1.0	PASS

Ports

Port	State
1	used
2	used



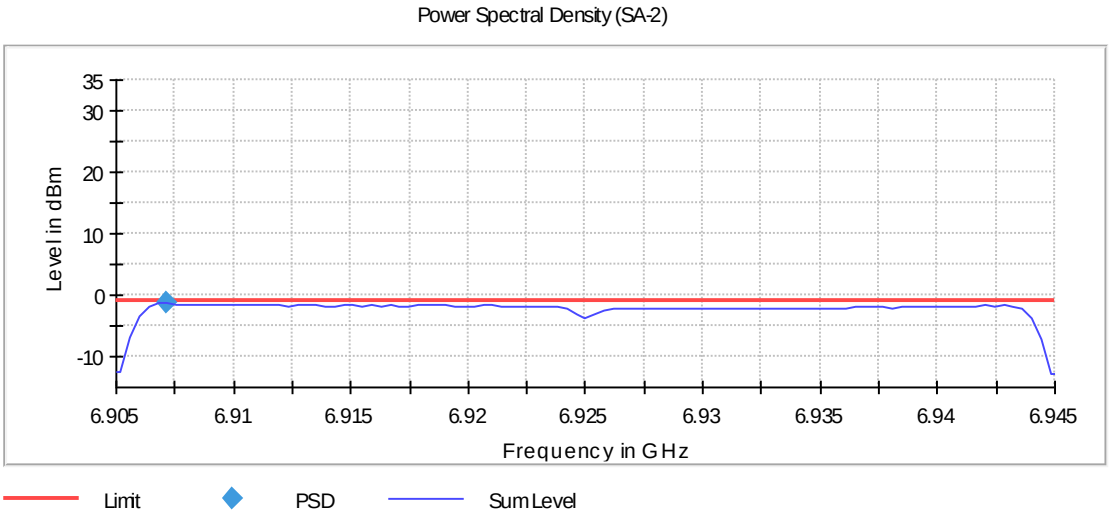
Power Spectral Density (SA-2) (6925 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6925.000000	6907.178218	-1.379	-1.0	PASS

Ports

Port	State
1	used
2	used



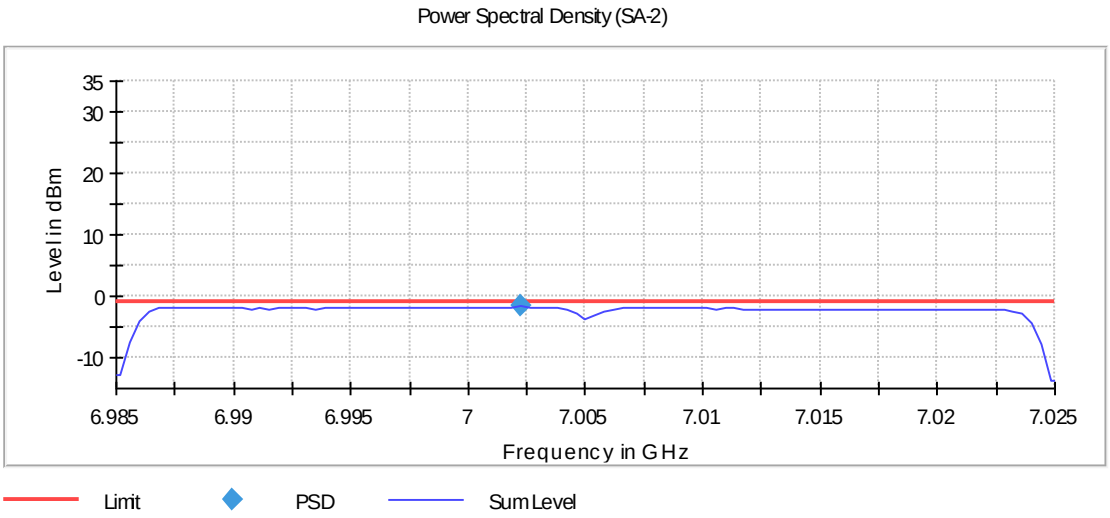
Power Spectral Density (SA-2) (7005 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7005.000000	7002.227723	-1.701	-1.0	PASS

Ports

Port	State
1	used
2	used



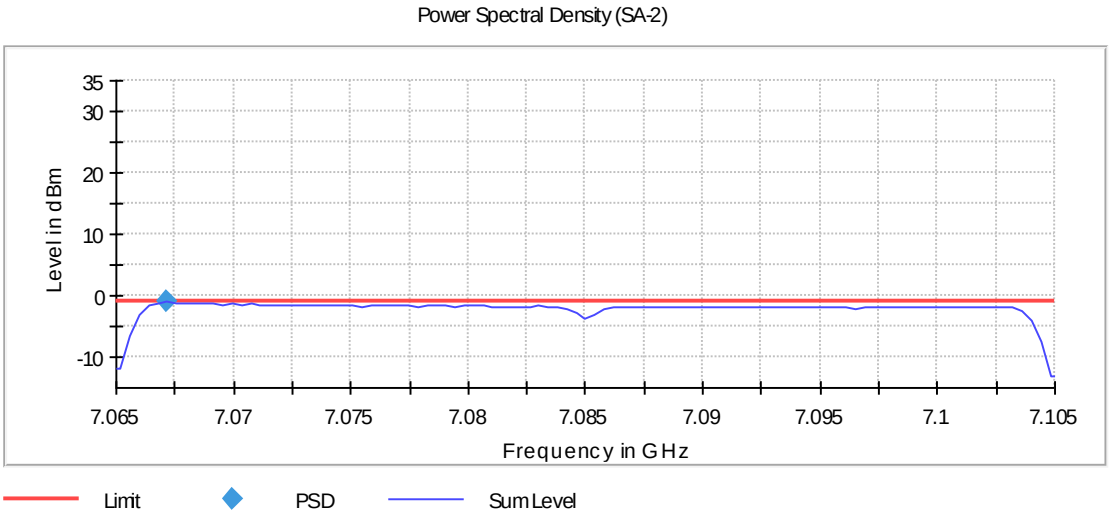
Power Spectral Density (SA-2) (7085 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7085.000000	7067.178218	-1.068	-1.0	PASS

Ports

Port	State
1	used
2	used



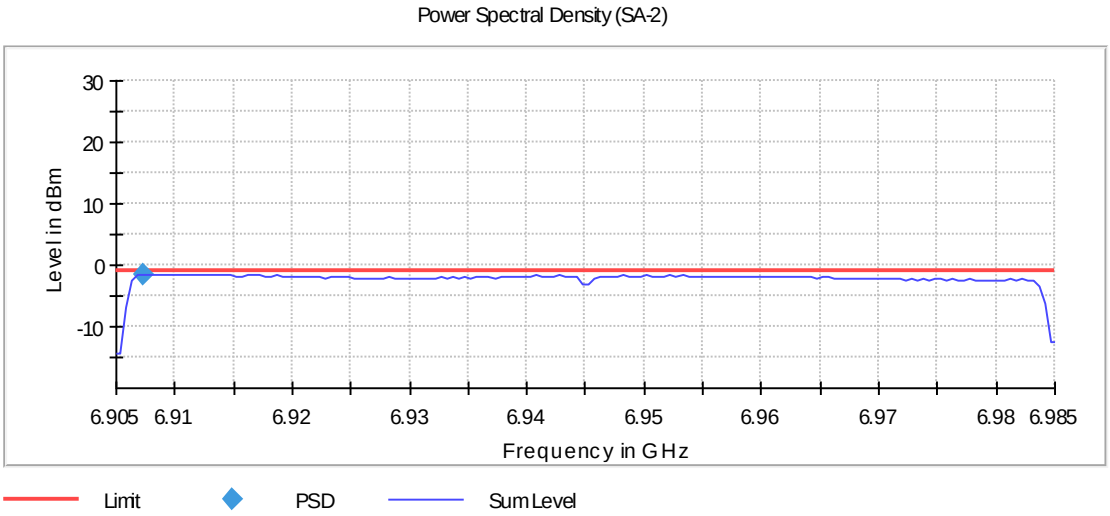
Power Spectral Density (SA-2) (6945 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6945.000000	6907.250000	-1.445	-1.0	PASS

Ports

Port	State
1	used
2	used



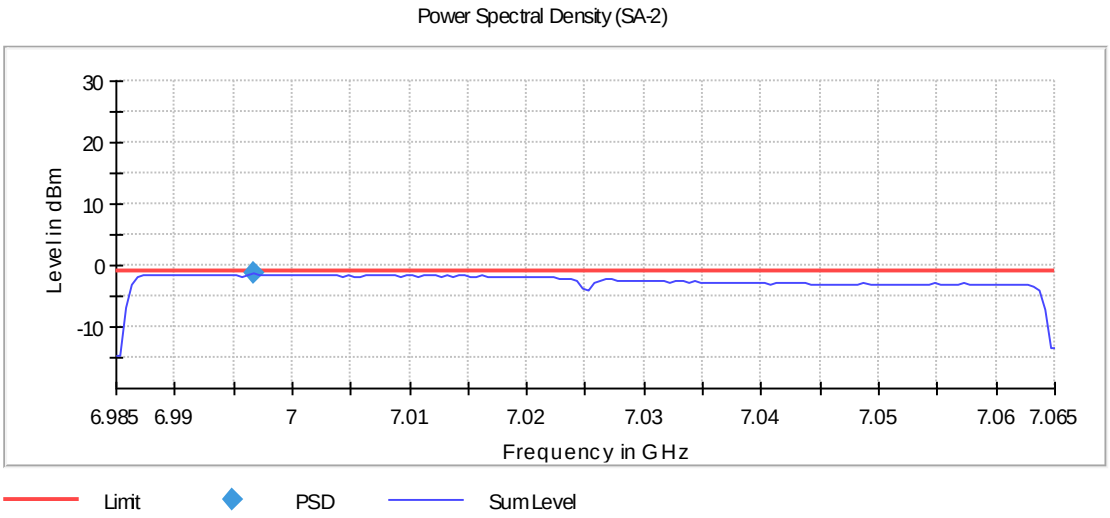
Power Spectral Density (SA-2) (7025 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7025.000000	6996.750000	-1.402	-1.0	PASS

Ports

Port	State
1	used
2	used



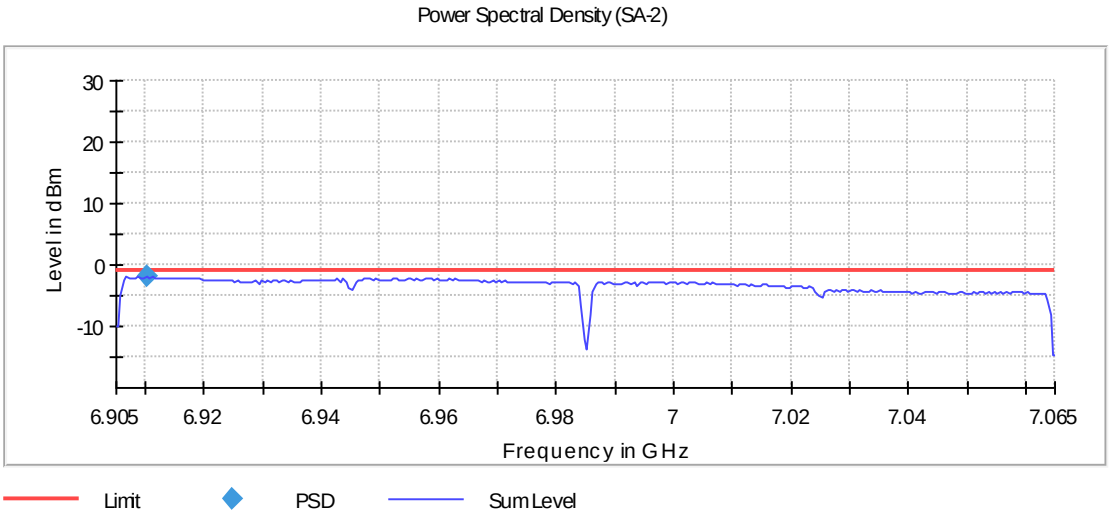
Power Spectral Density (SA-2) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6985.000000	6910.250000	-1.722	-1.0	PASS

Ports

Port	State
1	used
2	used



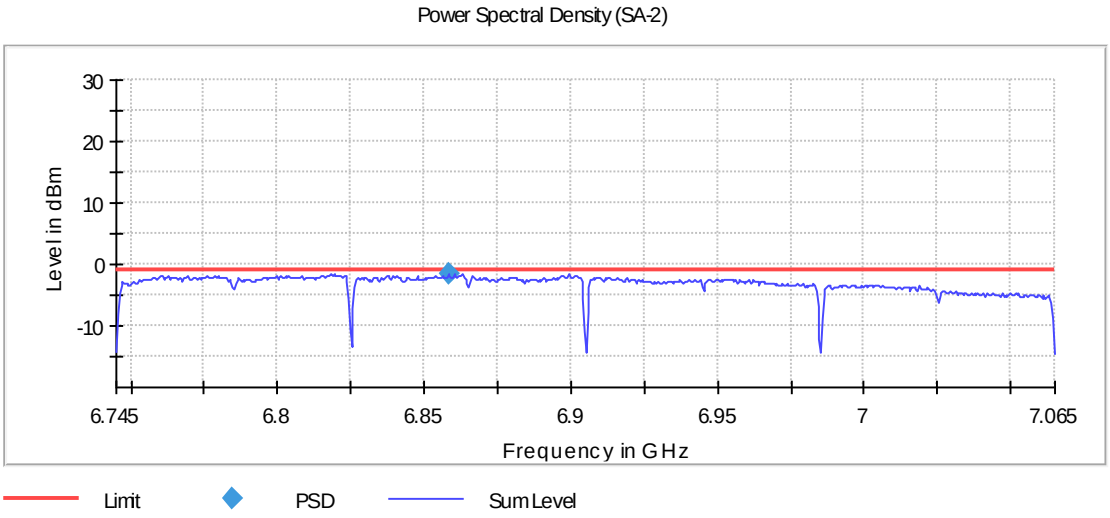
Power Spectral Density (SA-2) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6905.000000	6858.250000	-1.567	-1.0	PASS

Ports

Port	State
1	used
2	used



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