



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-U7PROX
ISED ID	6545A-U7PROX
Equipment Under Test	U7-Pro-XG
Test Report Serial Number	TR9726_01
Date of Tests	18 December 2024 and 7 January 2025
Report Issue Date	31 January 2025

Test Personnel

Testing performed by	Trina Noor
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Test Location

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



1 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

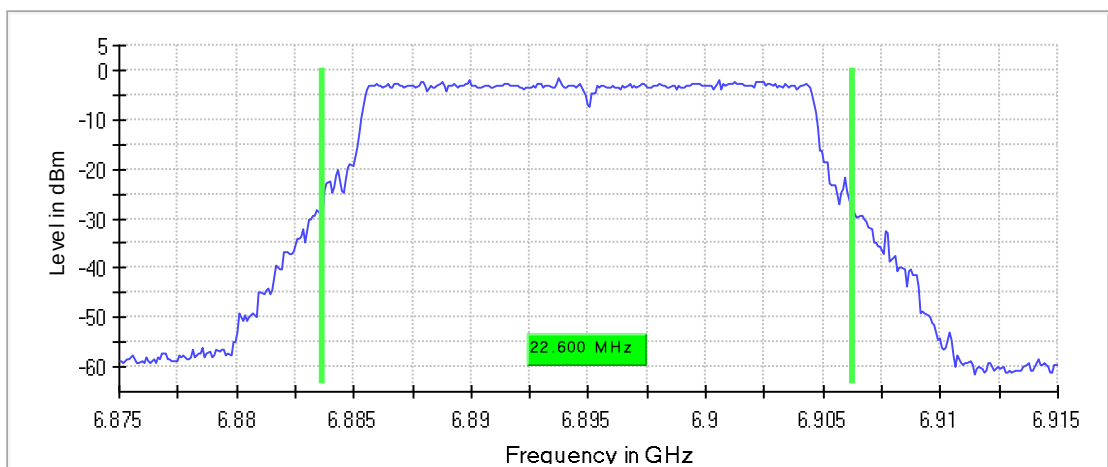
Emission Bandwidth 26 dB (6895 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

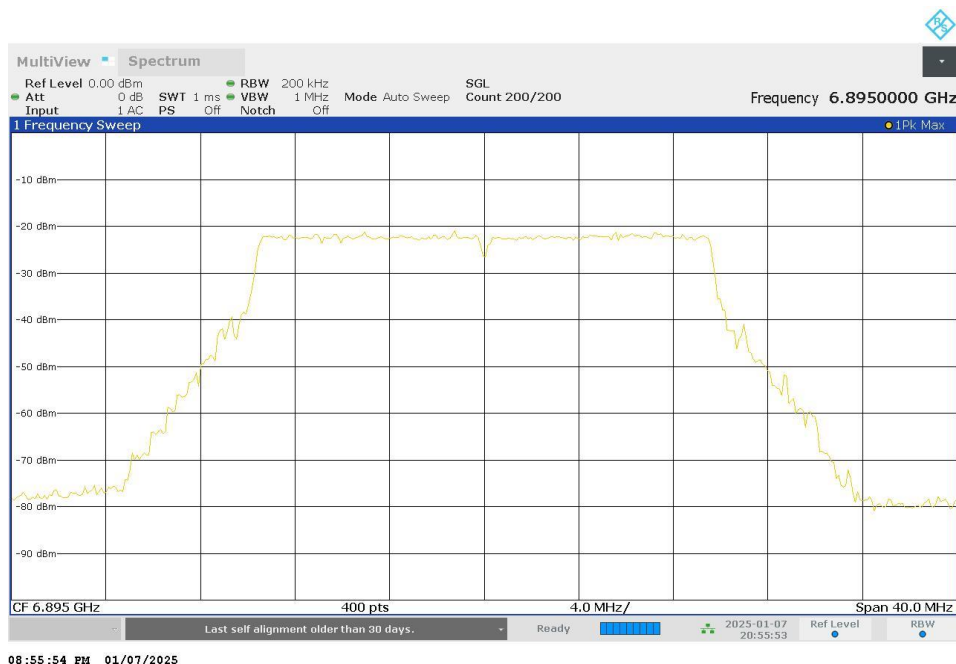
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6895.000000	22.600000	---	320.000000	6883.650000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6895.000000	6906.250000	---	-1.7	PASS

26 dB 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	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

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	13.6	24.0	13.6	99.718	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

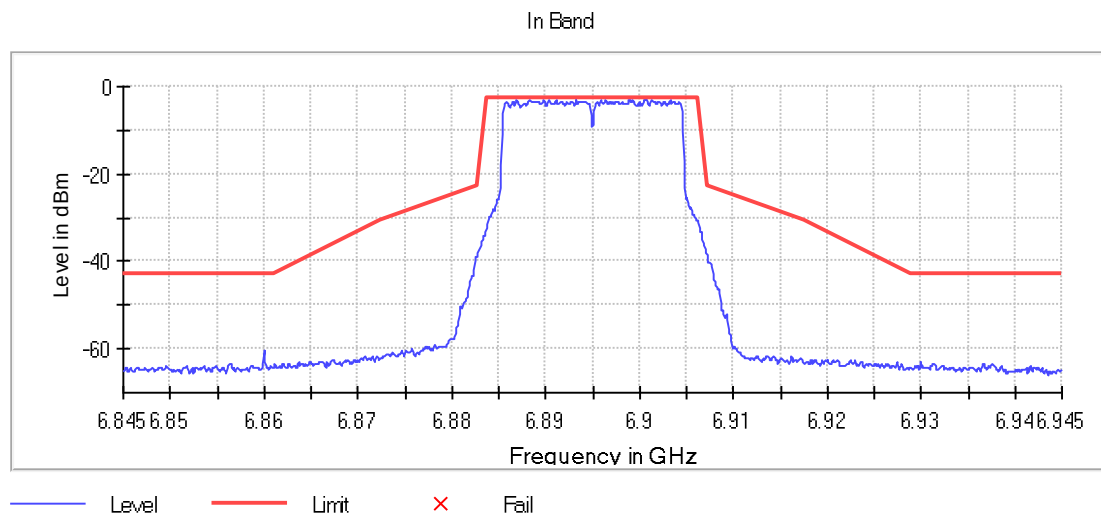
DUT Frequency (MHz)	Result
6895.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6900.750000	-2.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6900.550000	-3.0	0.2	-2.8	PASS
6890.350000	-3.1	0.3	-2.8	PASS
6896.350000	-3.1	0.3	-2.8	PASS
6901.250000	-3.1	0.3	-2.8	PASS
6889.750000	-3.1	0.3	-2.8	PASS
6888.250000	-3.1	0.4	-2.8	PASS
6891.150000	-3.2	0.4	-2.8	PASS
6895.850000	-3.2	0.4	-2.8	PASS
6899.250000	-3.2	0.4	-2.8	PASS
6890.450000	-3.2	0.4	-2.8	PASS
6900.650000	-3.2	0.4	-2.8	PASS
6903.250000	-3.2	0.4	-2.8	PASS
6898.950000	-3.2	0.4	-2.8	PASS
6898.850000	-3.2	0.5	-2.8	PASS
6886.950000	-3.3	0.5	-2.8	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

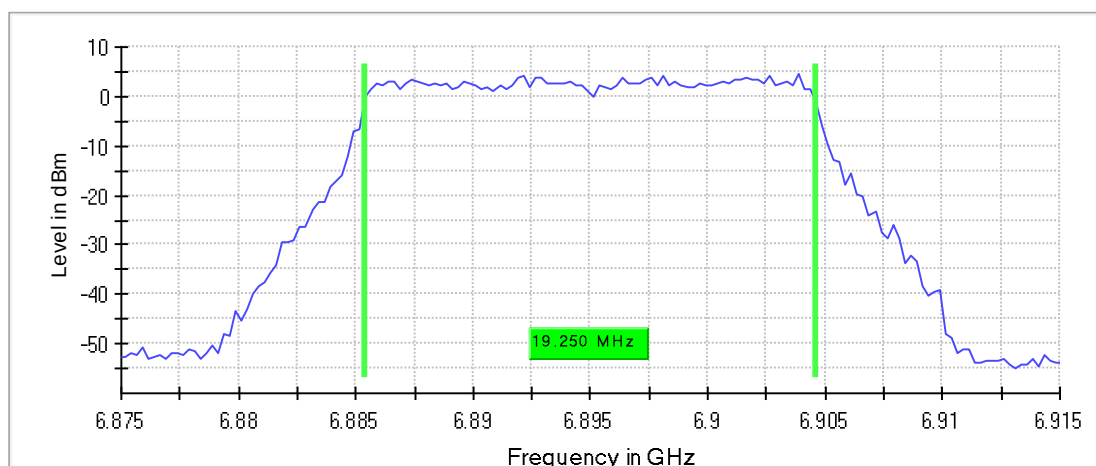
Occupied Channel Bandwidth 99% (6895 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

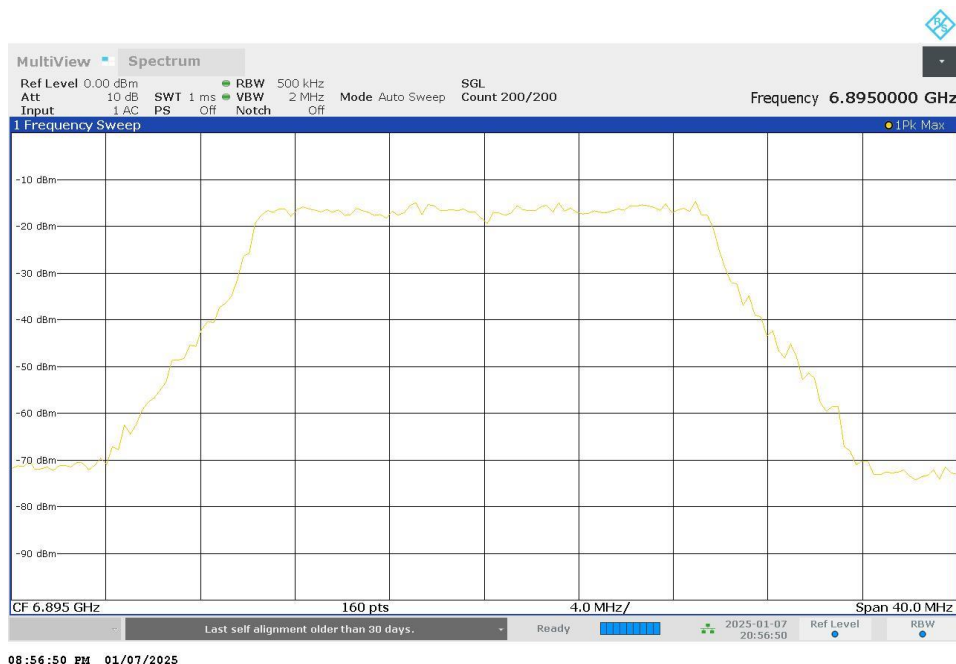
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6895.000000	19.250000	---	320.000000	6885.375000	5925.000000

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

99 %Bandwidth



Bandwidth



Measurement

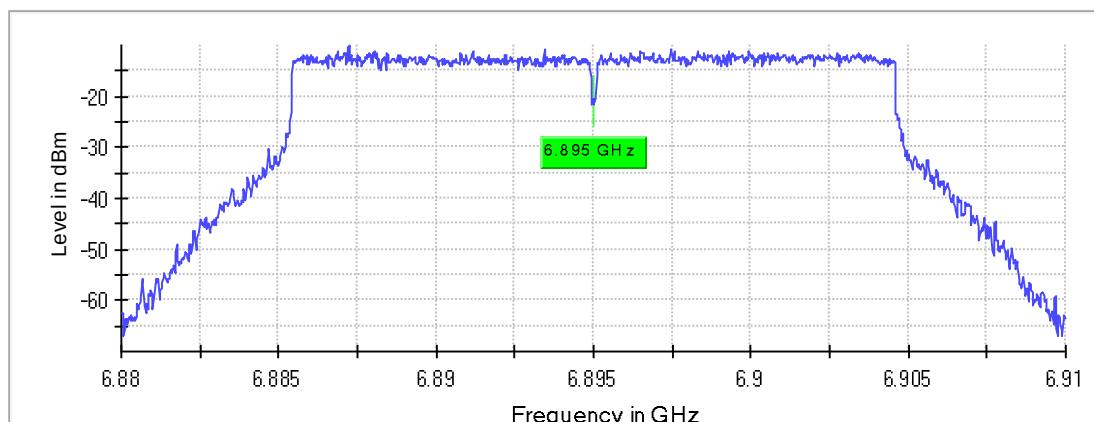
Setting	Instrument Value	Target Value
Start Frequency	6.87500 GHz	6.87500 GHz
Stop Frequency	6.91500 GHz	6.91500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 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

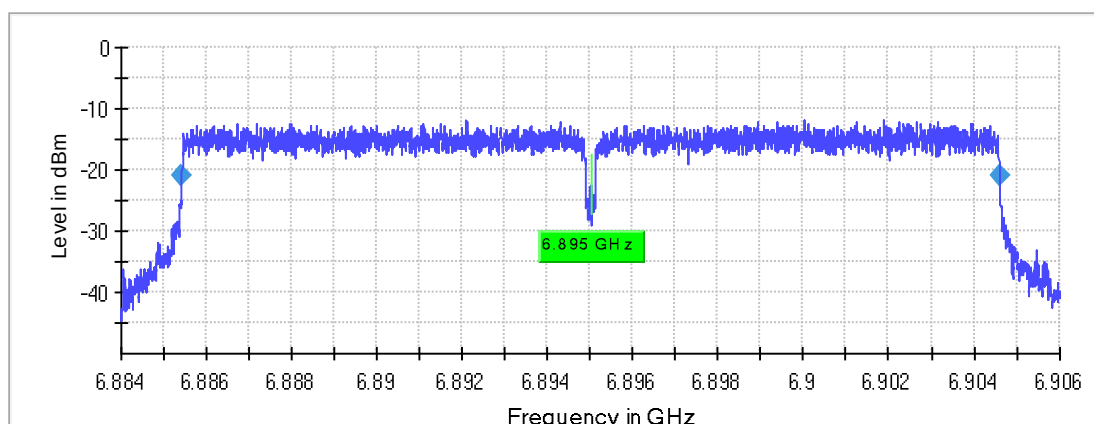
DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6895.000000	6895.016085	2.333	16.084500	---	---	PASS

Frequency stability Pre



Center frequency Max Hold

Frequency stability



Edge points Max Hold Center frequency

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.88401 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 μ s	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

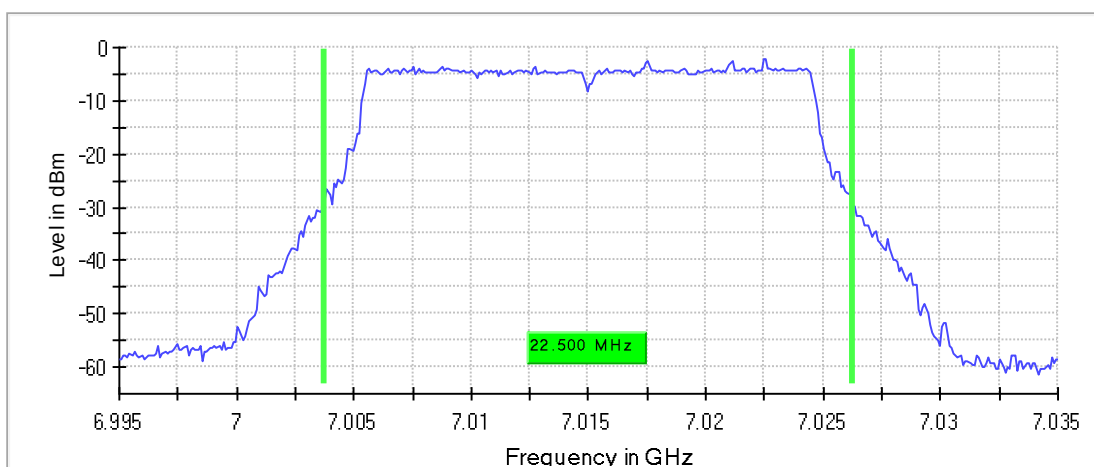
Emission Bandwidth 26 dB (7015 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

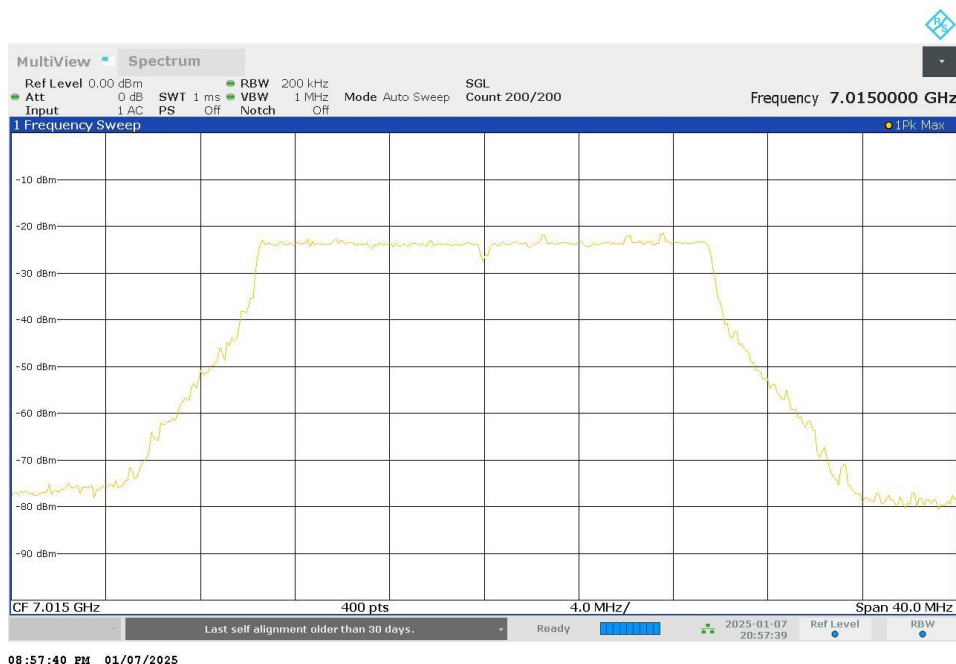
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7015.000000	22.500000	---	320.000000	7003.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7015.000000	7026.250000	---	-2.2	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	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 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

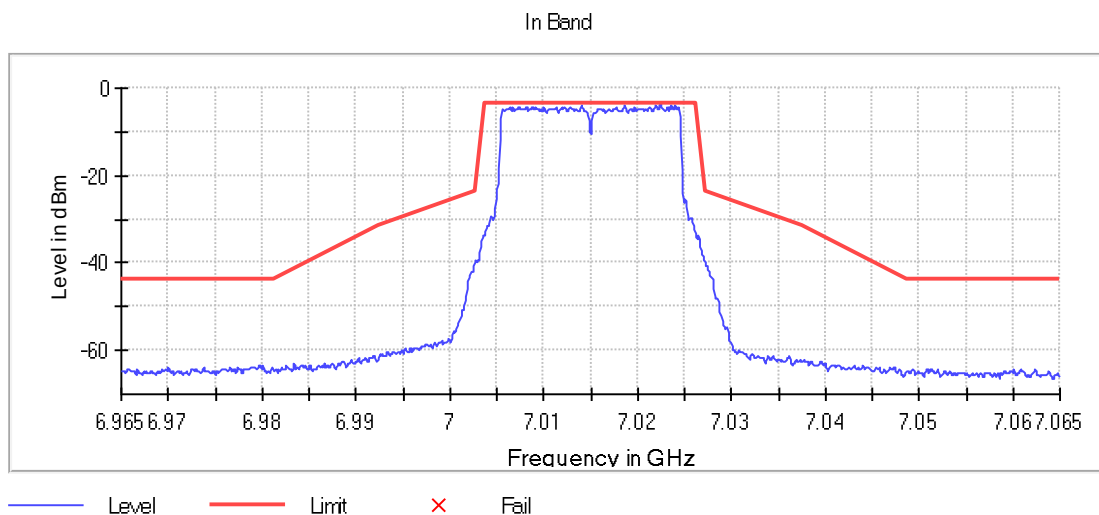
DUT Frequency (MHz)	Result
7015.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7022.450000	-3.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7022.450000	-3.7	0.0	-3.7	PASS
7023.650000	-3.9	0.2	-3.7	PASS
7021.950000	-4.0	0.3	-3.7	PASS
7018.650000	-4.0	0.3	-3.7	PASS
7014.050000	-4.0	0.3	-3.7	PASS
7024.050000	-4.1	0.4	-3.7	PASS
7022.350000	-4.1	0.4	-3.7	PASS
7008.750000	-4.2	0.5	-3.7	PASS
7021.250000	-4.2	0.5	-3.7	PASS
7014.150000	-4.2	0.5	-3.7	PASS
7024.150000	-4.2	0.5	-3.7	PASS
7021.350000	-4.3	0.6	-3.7	PASS
7008.250000	-4.3	0.6	-3.7	PASS
7023.350000	-4.4	0.7	-3.7	PASS
7007.450000	-4.4	0.7	-3.7	PASS

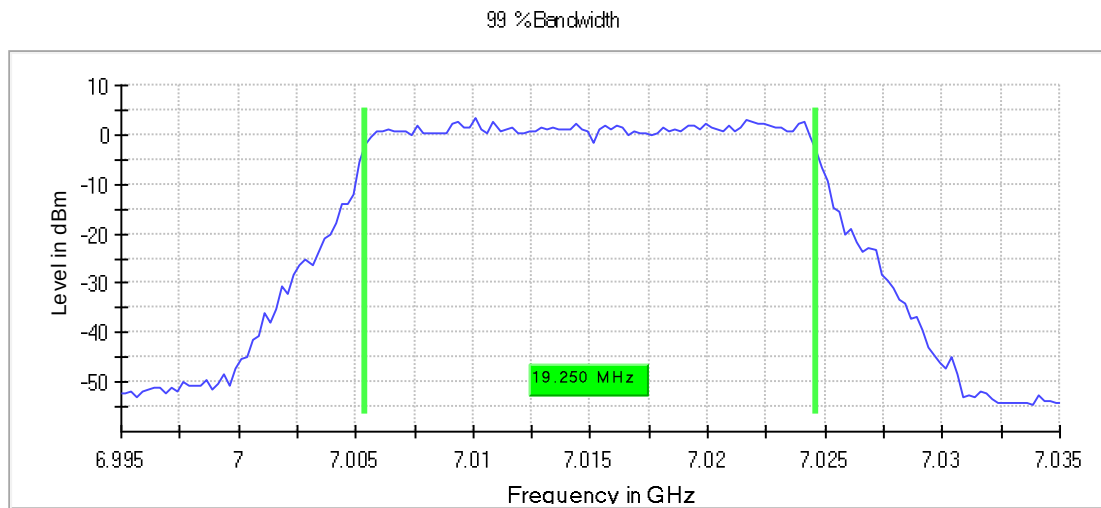


Occupied Channel Bandwidth 99% (7015 MHz; 24.000 dBm; 20 MHz)

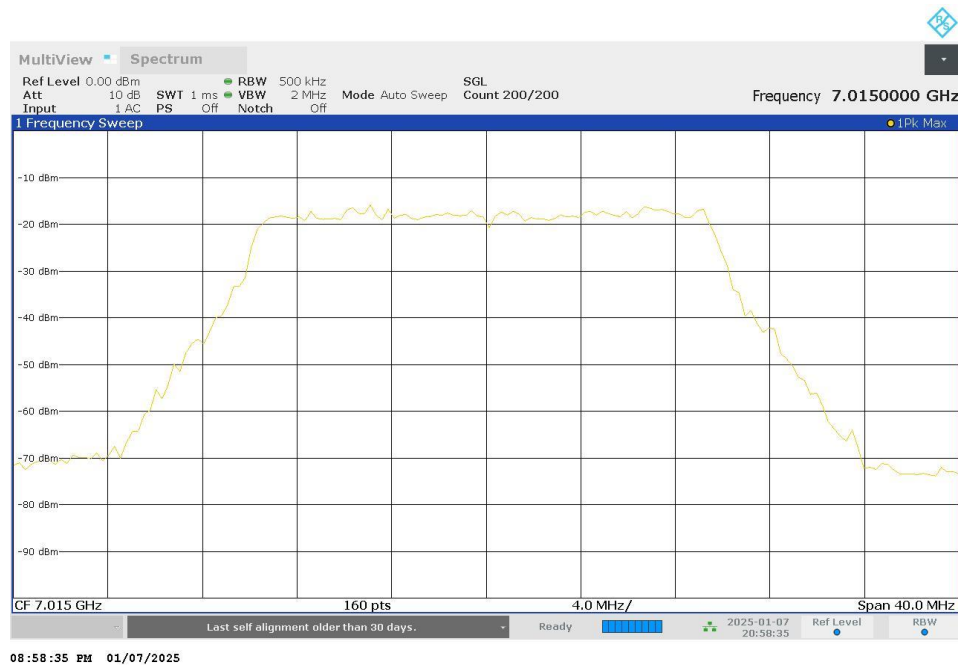
99 % Bandwidth

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



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	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweptime	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

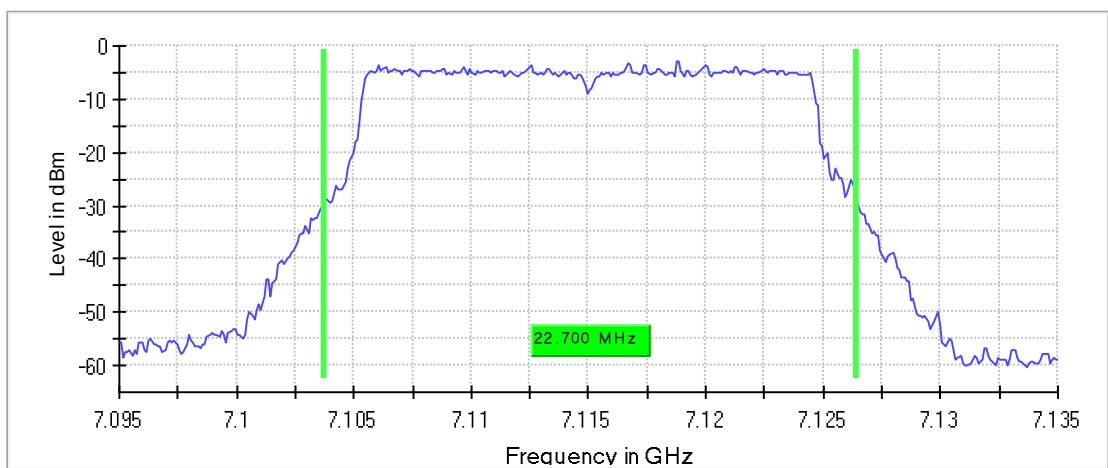
Emission Bandwidth 26 dB (7115 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

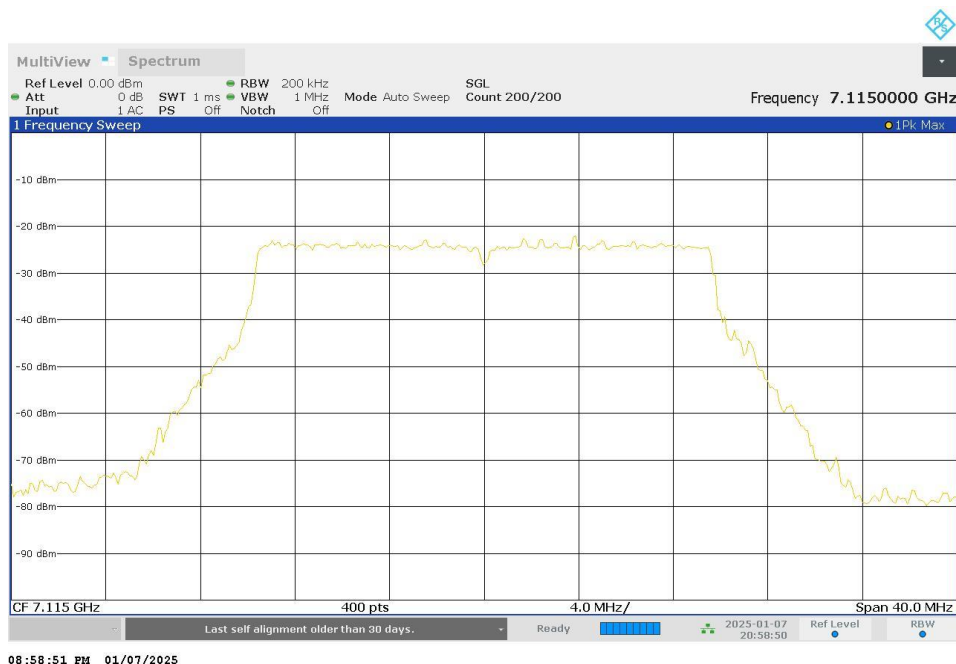
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7115.000000	22.700000	---	320.000000	7103.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7115.000000	7126.450000	---	-2.7	PASS

26 dB 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	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 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

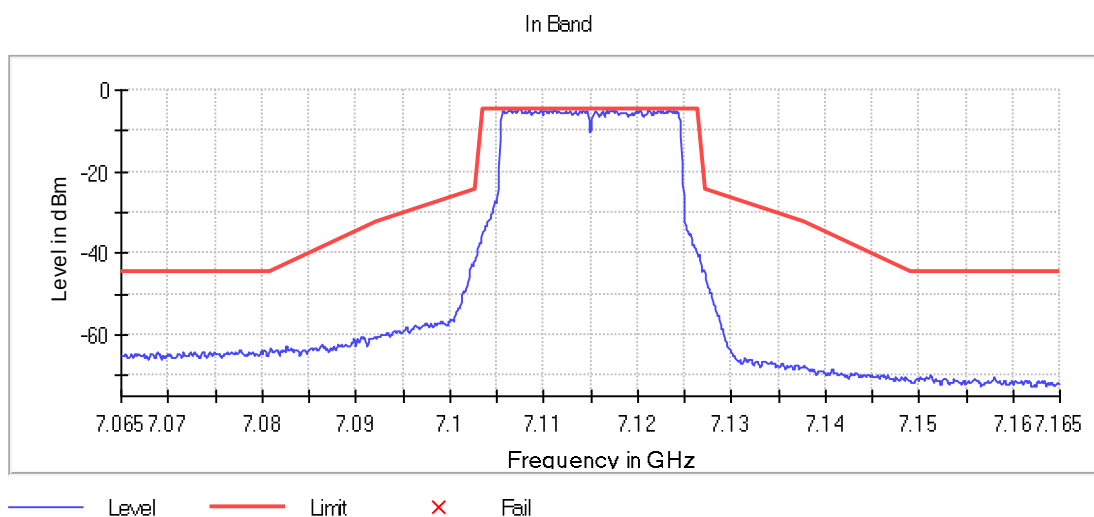
DUT Frequency (MHz)	Result
7115.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7123.350000	-4.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7123.350000	-4.5	0.0	-4.5	PASS
7107.450000	-4.6	0.1	-4.5	PASS
7107.350000	-4.6	0.1	-4.5	PASS
7117.450000	-4.8	0.3	-4.5	PASS
7116.750000	-4.8	0.3	-4.5	PASS
7107.550000	-4.8	0.4	-4.5	PASS
7121.150000	-4.8	0.4	-4.5	PASS
7106.350000	-4.9	0.4	-4.5	PASS
7109.650000	-4.9	0.4	-4.5	PASS
7111.150000	-4.9	0.4	-4.5	PASS
7108.450000	-4.9	0.4	-4.5	PASS
7120.350000	-4.9	0.4	-4.5	PASS
7117.750000	-4.9	0.5	-4.5	PASS
7123.450000	-4.9	0.5	-4.5	PASS
7110.650000	-5.0	0.5	-4.5	PASS

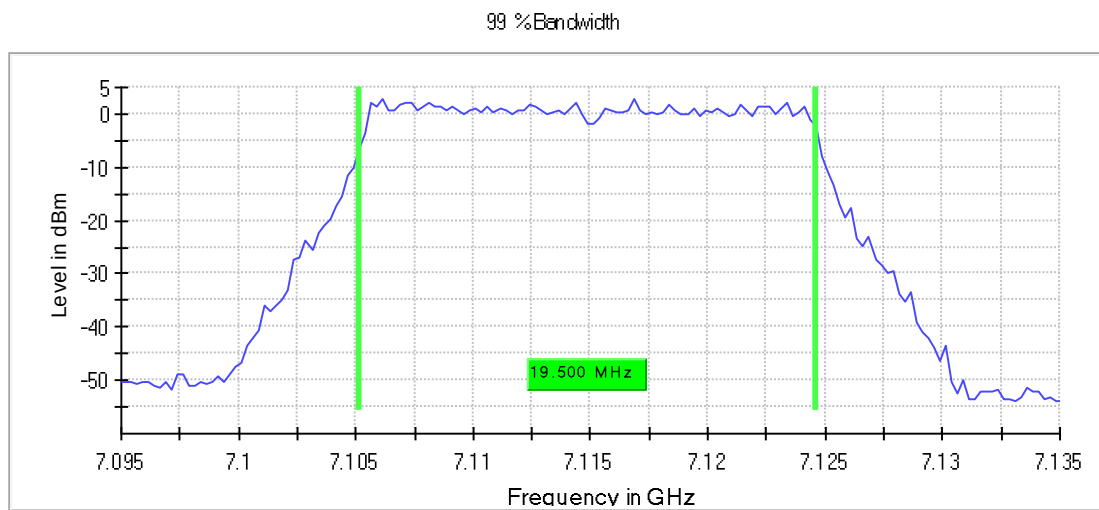


Occupied Channel Bandwidth 99% (7115 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
7115.000000	19.500000	---	320.000000	7105.125000	5925.000000

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



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	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweptime	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

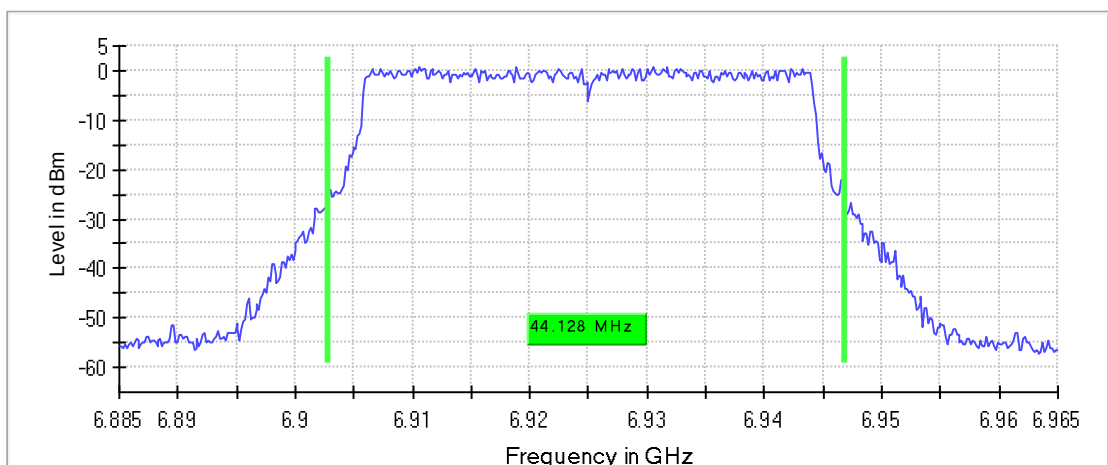
Emission Bandwidth 26 dB (6925 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

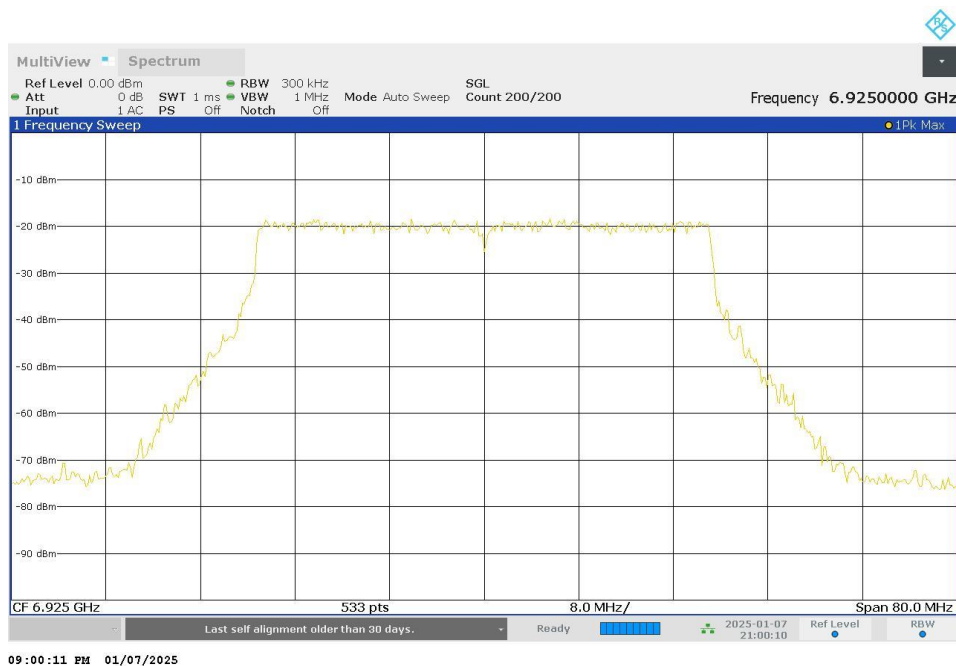
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6925.000000	44.127580	---	320.000000	6902.786116	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6925.000000	6946.913696	---	0.9	PASS

26 dB 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	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 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 (6925 MHz; 24.000 dBm; 40 MHz)

Result

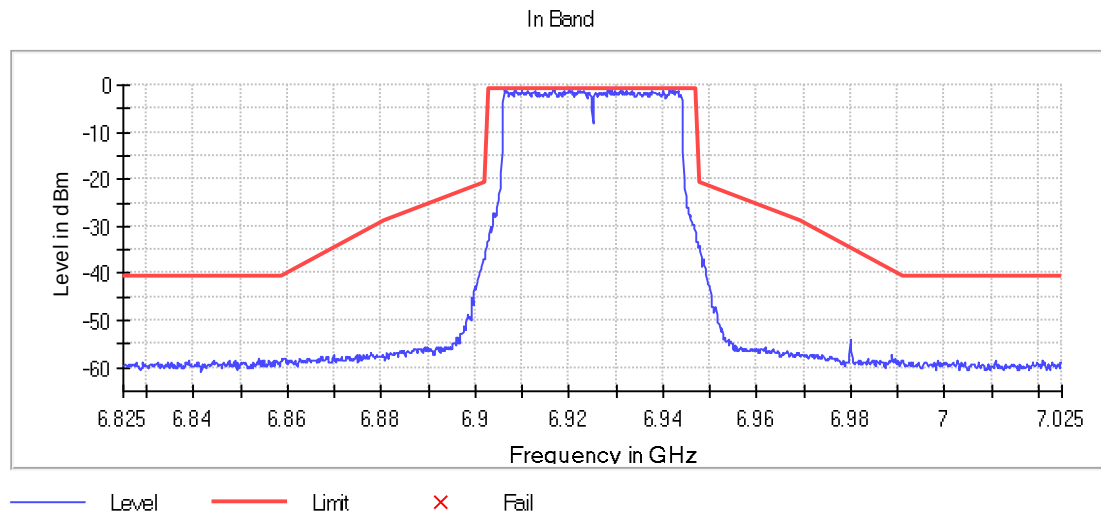
DUT Frequency (MHz)	Result
6925.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6906.245311	-0.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6906.245311	-0.8	0.0	-0.8	PASS
6928.300825	-0.9	0.1	-0.8	PASS
6929.051013	-0.9	0.1	-0.8	PASS
6916.597899	-0.9	0.1	-0.8	PASS
6941.354089	-0.9	0.1	-0.8	PASS
6916.897974	-1.0	0.2	-0.8	PASS
6906.395349	-1.0	0.2	-0.8	PASS
6928.150788	-1.0	0.2	-0.8	PASS
6909.996249	-1.0	0.2	-0.8	PASS
6916.747937	-1.0	0.2	-0.8	PASS
6906.845461	-1.1	0.3	-0.8	PASS
6942.104276	-1.1	0.3	-0.8	PASS
6921.999250	-1.1	0.3	-0.8	PASS
6941.504126	-1.1	0.3	-0.8	PASS
6920.048762	-1.1	0.3	-0.8	PASS

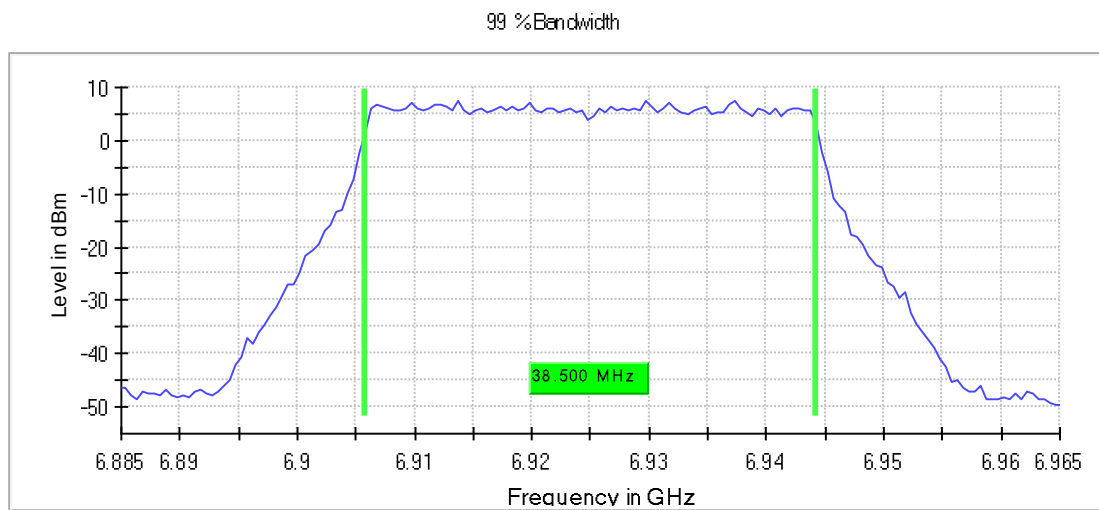


Occupied Channel Bandwidth 99% (6925 MHz; 24.000 dBm; 40 MHz)

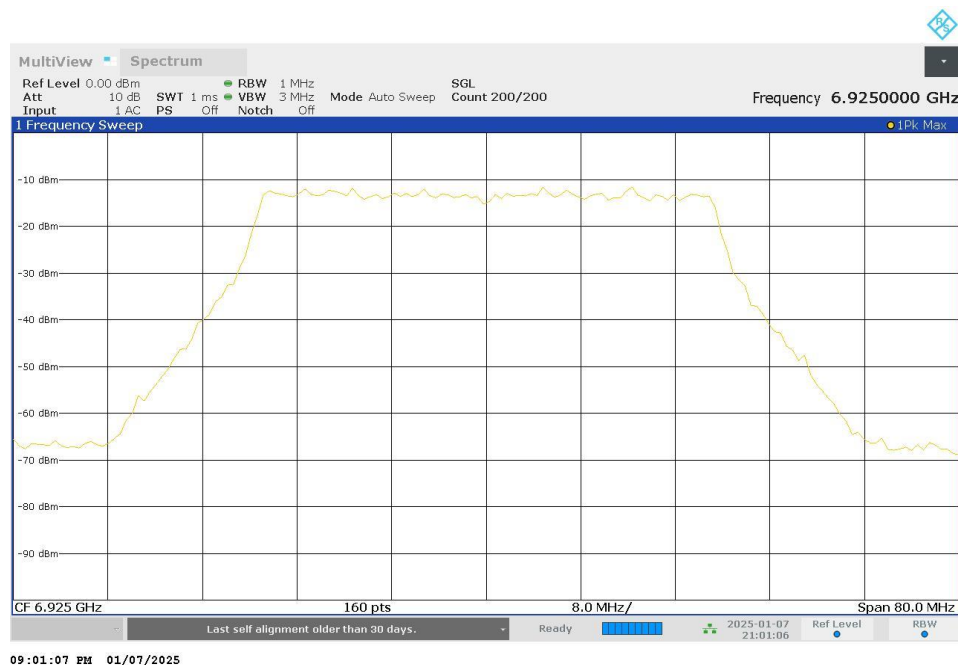
99 % Bandwidth

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



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	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	160	~ 160
Sweptime	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
Preamplifier	off	off

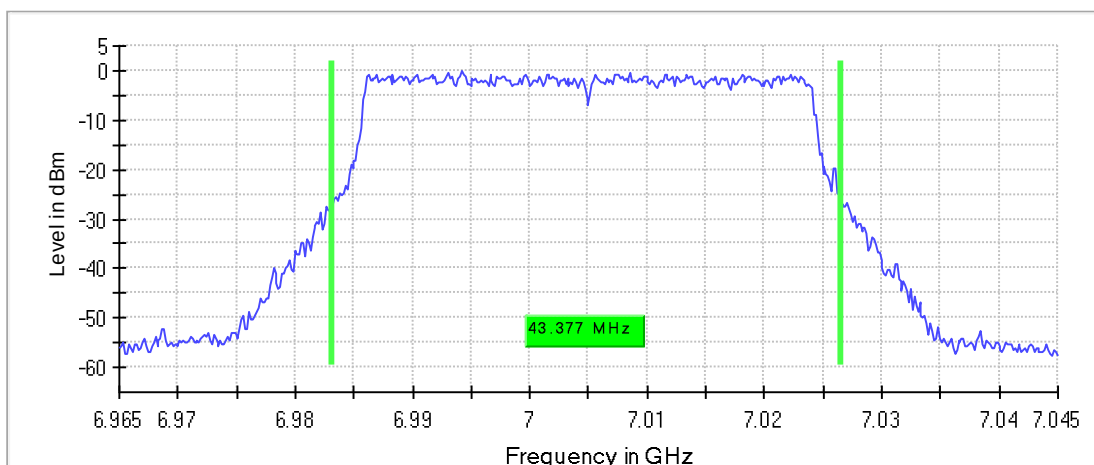
Emission Bandwidth 26 dB (7005 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

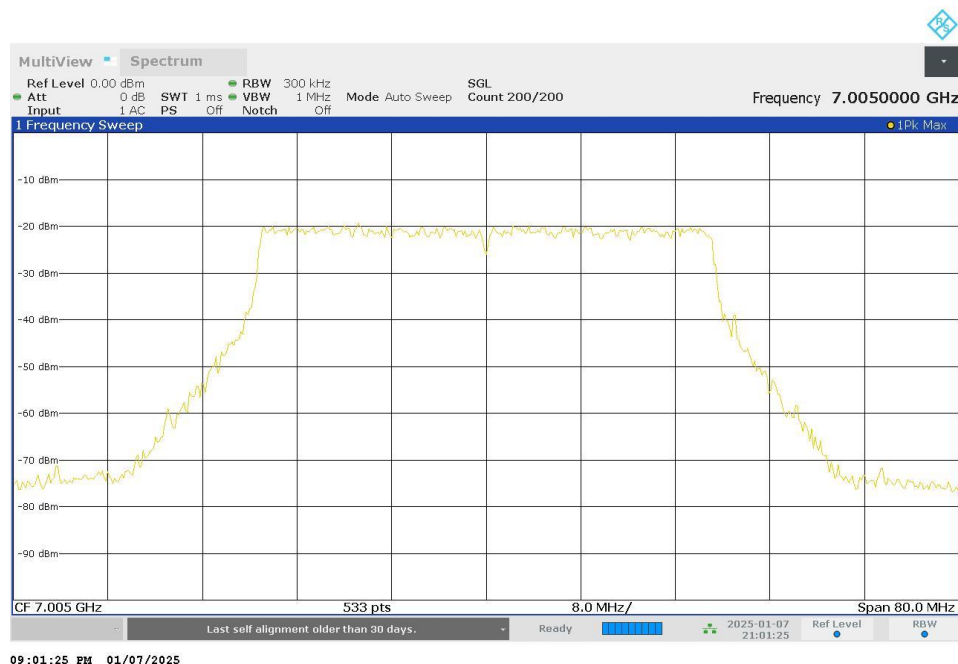
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7005.000000	43.377111	---	320.000000	6983.086304	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7005.000000	7026.463415	---	-0.2	PASS

26 dB 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	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 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 (7005 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
7005.000000	PASS

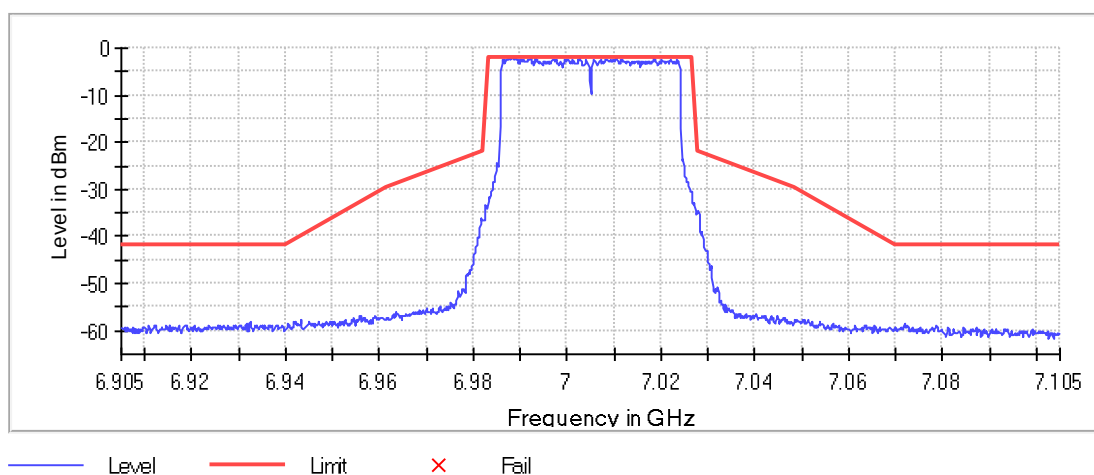
Inband Peak

Frequency (MHz)	Level (dBm)
6987.595649	-1.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6987.595649	-1.8	0.0	-1.8	PASS
6993.297074	-2.0	0.2	-1.8	PASS
6988.795949	-2.1	0.3	-1.8	PASS
7010.401350	-2.1	0.3	-1.8	PASS
6987.745686	-2.1	0.3	-1.8	PASS
6988.195799	-2.1	0.3	-1.8	PASS
7018.503376	-2.1	0.3	-1.8	PASS
6988.495874	-2.1	0.3	-1.8	PASS
6988.345836	-2.2	0.3	-1.8	PASS
7010.551388	-2.2	0.3	-1.8	PASS
7002.599400	-2.2	0.4	-1.8	PASS
6988.945986	-2.2	0.4	-1.8	PASS
6992.246812	-2.2	0.4	-1.8	PASS
7010.251313	-2.3	0.4	-1.8	PASS
7008.150788	-2.3	0.4	-1.8	PASS

In Band

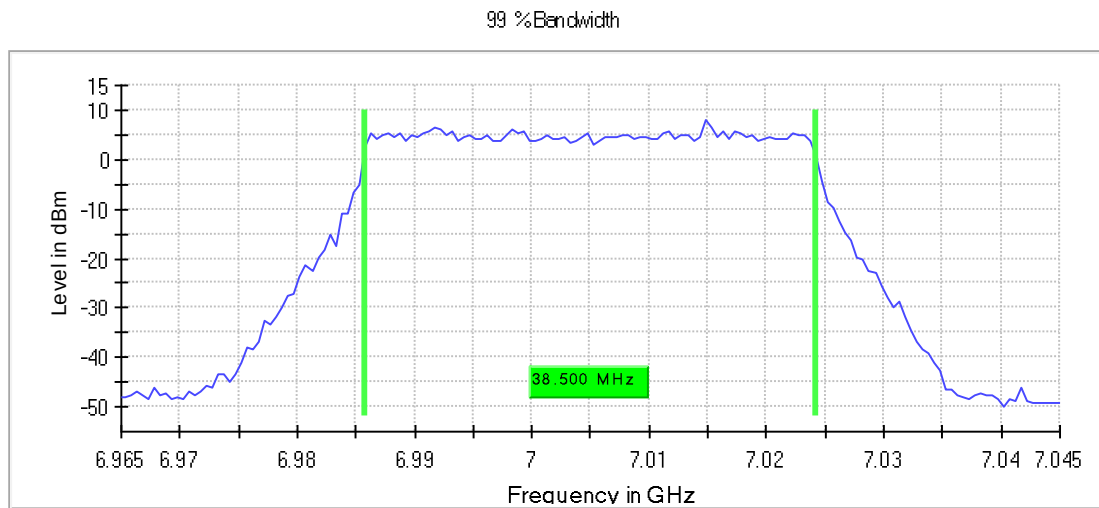


Occupied Channel Bandwidth 99% (7005 MHz; 24.000 dBm; 40 MHz)

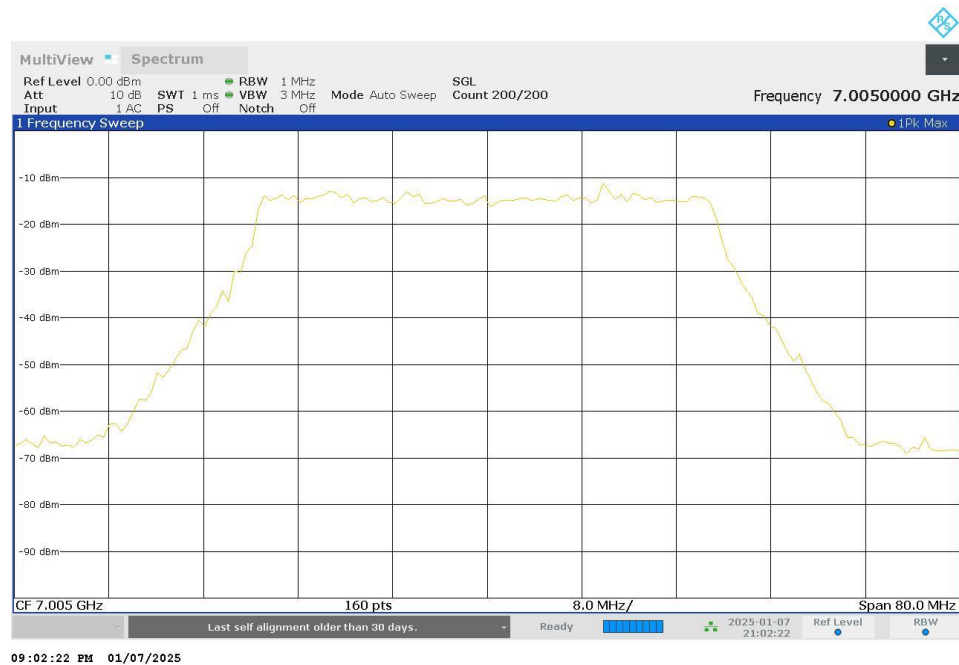
99 % Bandwidth

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



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	1.000 MHz	≥ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	160	~ 160
Sweptime	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

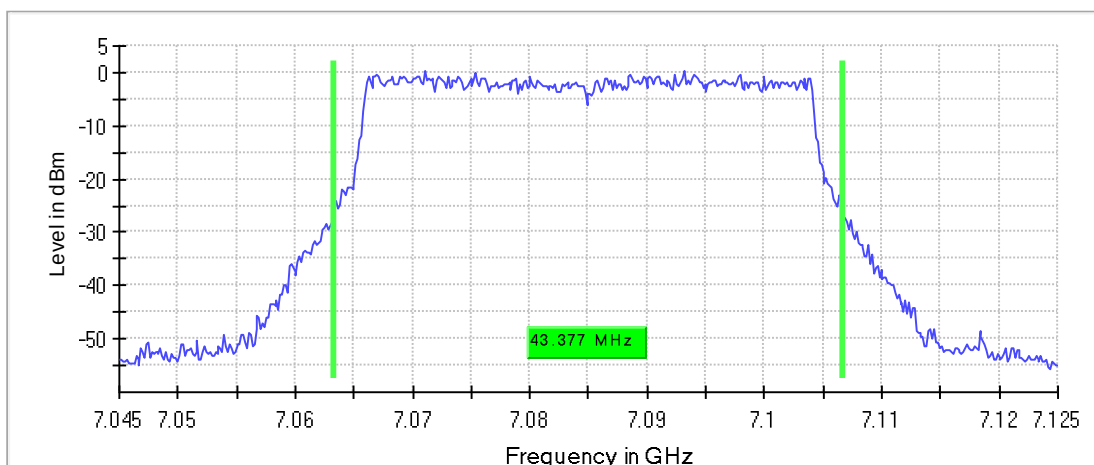
Emission Bandwidth 26 dB (7085 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

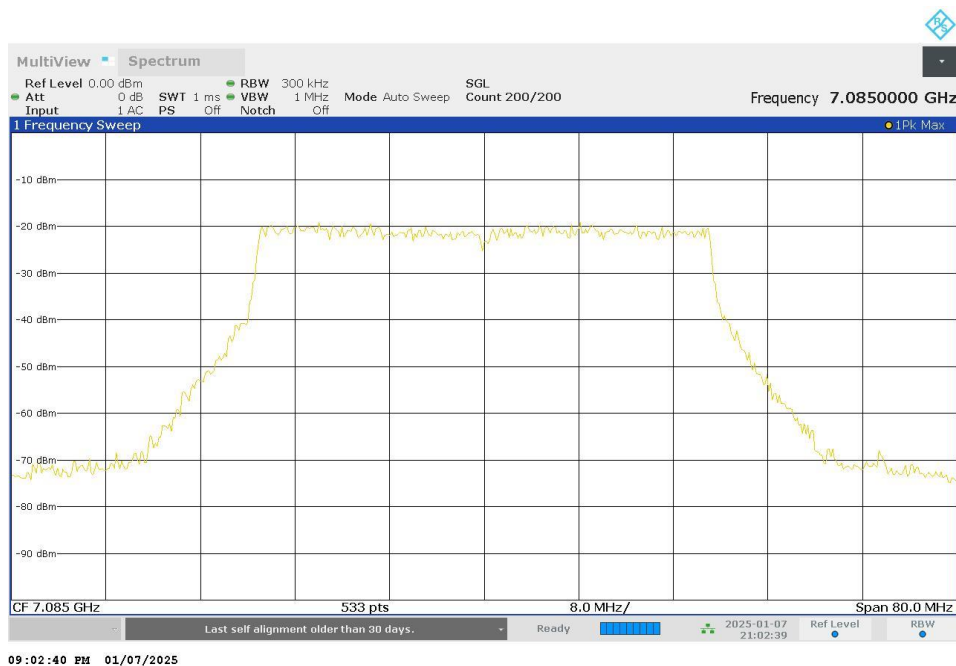
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7085.000000	43.377110	---	320.000000	7063.236398	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7085.000000	7106.613508	---	0.2	PASS

26 dB 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	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
Sweeptime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 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 (7085 MHz; 24.000 dBm; 40 MHz)

Result

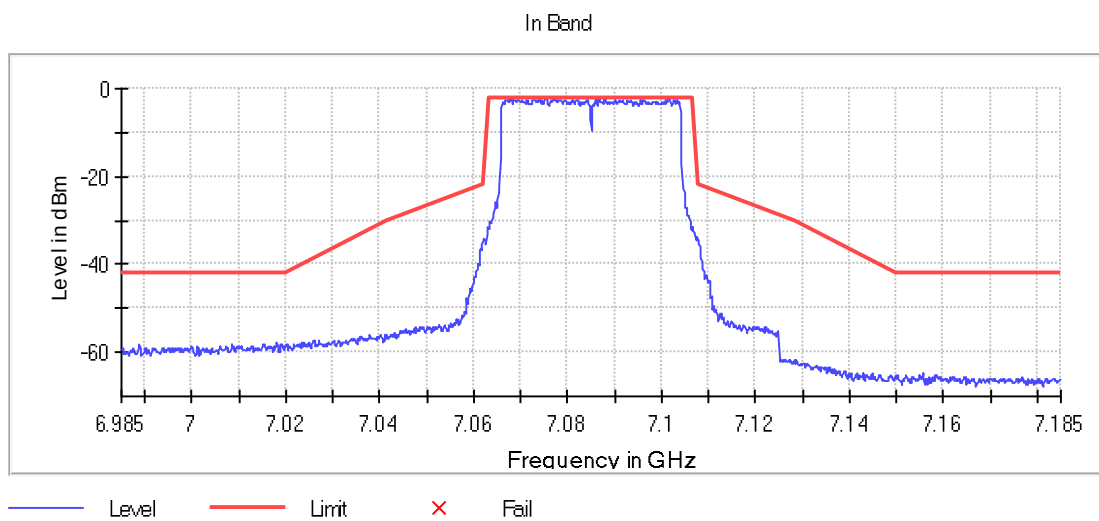
DUT Frequency (MHz)	Result
7085.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
7088.000750	-2.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7088.000750	-2.0	0.0	-2.0	PASS
7075.397599	-2.0	0.0	-2.0	PASS
7101.654164	-2.1	0.1	-2.0	PASS
7101.504126	-2.1	0.1	-2.0	PASS
7067.895724	-2.2	0.1	-2.0	PASS
7074.047262	-2.2	0.2	-2.0	PASS
7086.650413	-2.3	0.3	-2.0	PASS
7075.247562	-2.3	0.3	-2.0	PASS
7077.048012	-2.3	0.3	-2.0	PASS
7085.900225	-2.3	0.3	-2.0	PASS
7086.050263	-2.4	0.3	-2.0	PASS
7084.399850	-2.4	0.4	-2.0	PASS
7070.296324	-2.4	0.4	-2.0	PASS
7081.999250	-2.4	0.4	-2.0	PASS
7069.246062	-2.4	0.4	-2.0	PASS

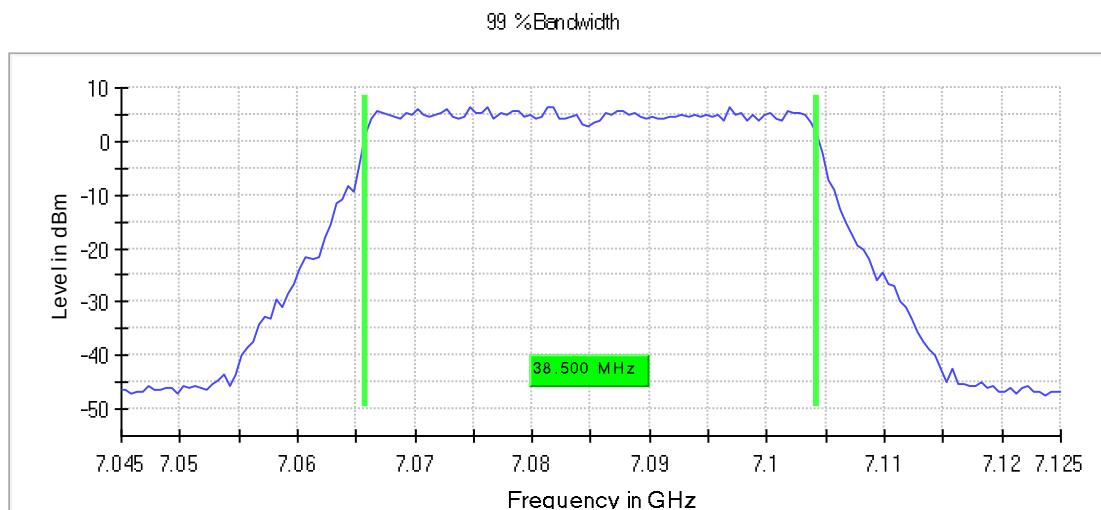


Occupied Channel Bandwidth 99% (7085 MHz; 24.000 dBm; 40 MHz)

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



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	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	160	~ 160
Sweptime	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

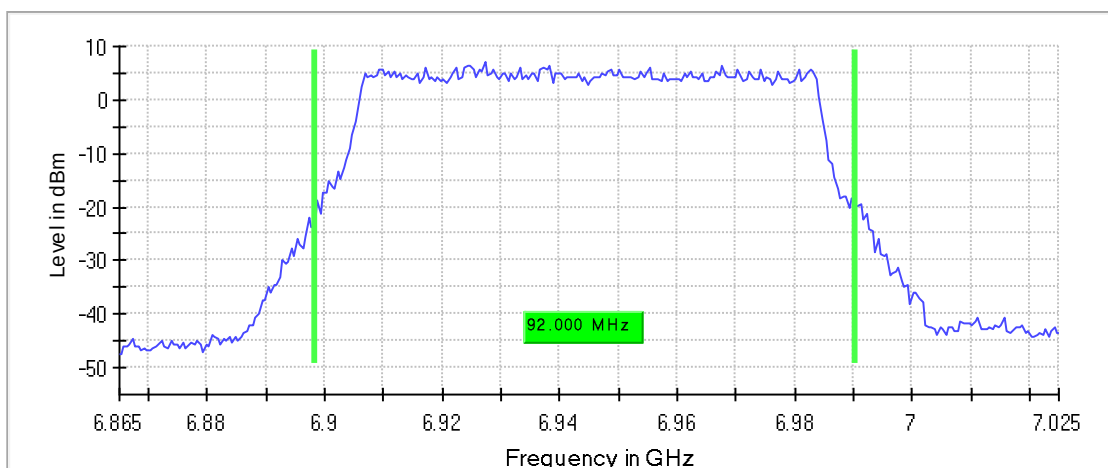
Emission Bandwidth 26 dB (6945 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6945.000000	92.000000	---	320.000000	6898.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6945.000000	6990.250000	---	7.2	PASS

26 dB 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	~ 800.000 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
Sweptime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 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 (6945 MHz; 24.000 dBm; 80 MHz)

Result

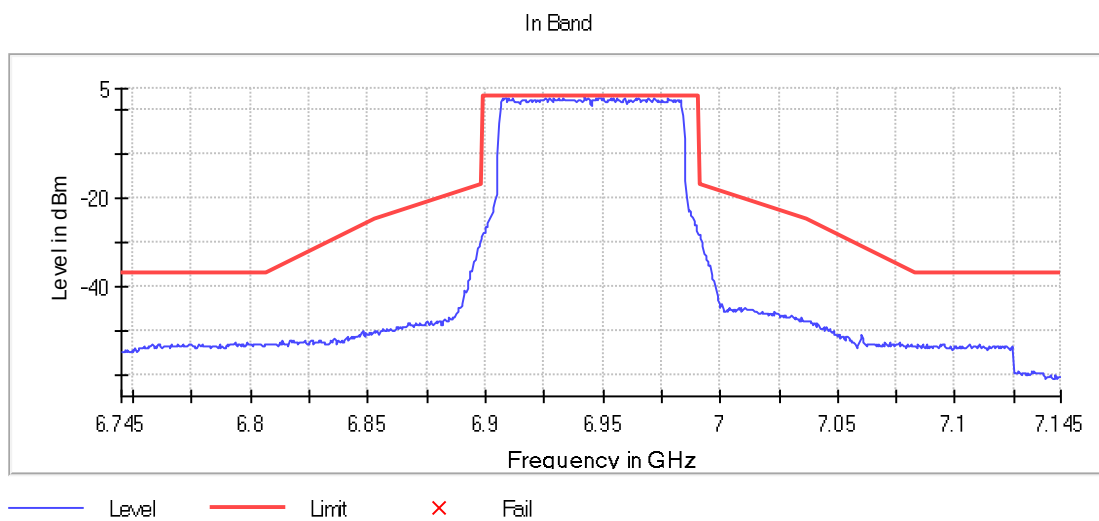
DUT Frequency (MHz)	Result
6945.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6942.250000	3.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6947.250000	3.0	0.1	3.1	PASS
6959.750000	2.9	0.2	3.1	PASS
6911.750000	2.8	0.2	3.1	PASS
6954.750000	2.8	0.2	3.1	PASS
6927.250000	2.8	0.2	3.1	PASS
6959.250000	2.8	0.2	3.1	PASS
6909.750000	2.8	0.2	3.1	PASS
6925.750000	2.8	0.3	3.1	PASS
6953.250000	2.8	0.3	3.1	PASS
6965.250000	2.8	0.3	3.1	PASS
6971.750000	2.8	0.3	3.1	PASS
6931.250000	2.7	0.3	3.1	PASS
6949.250000	2.7	0.3	3.1	PASS
6948.250000	2.7	0.3	3.1	PASS
6907.250000	2.7	0.4	3.1	PASS

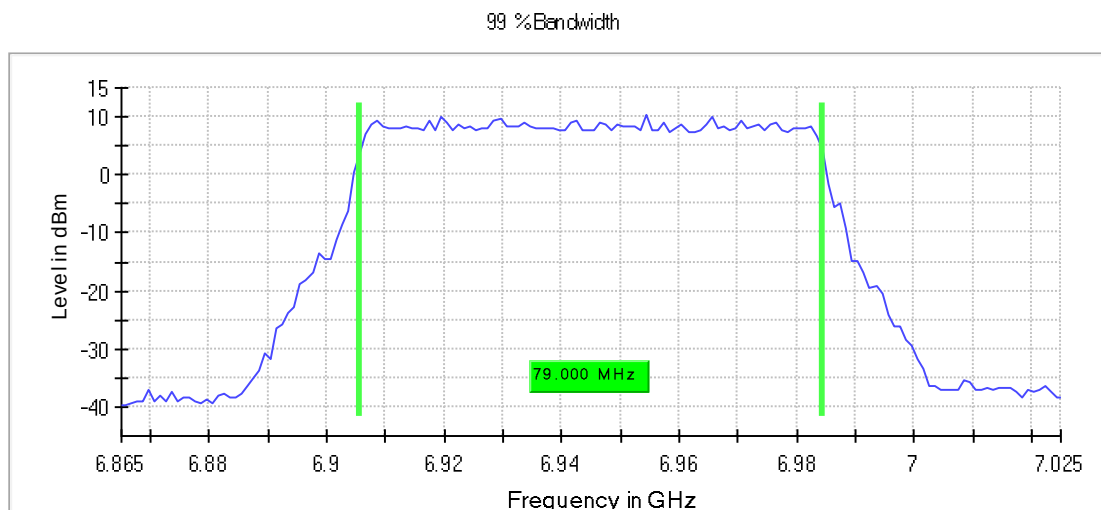


Occupied Channel Bandwidth 99% (6945 MHz; 24.000 dBm; 80 MHz)

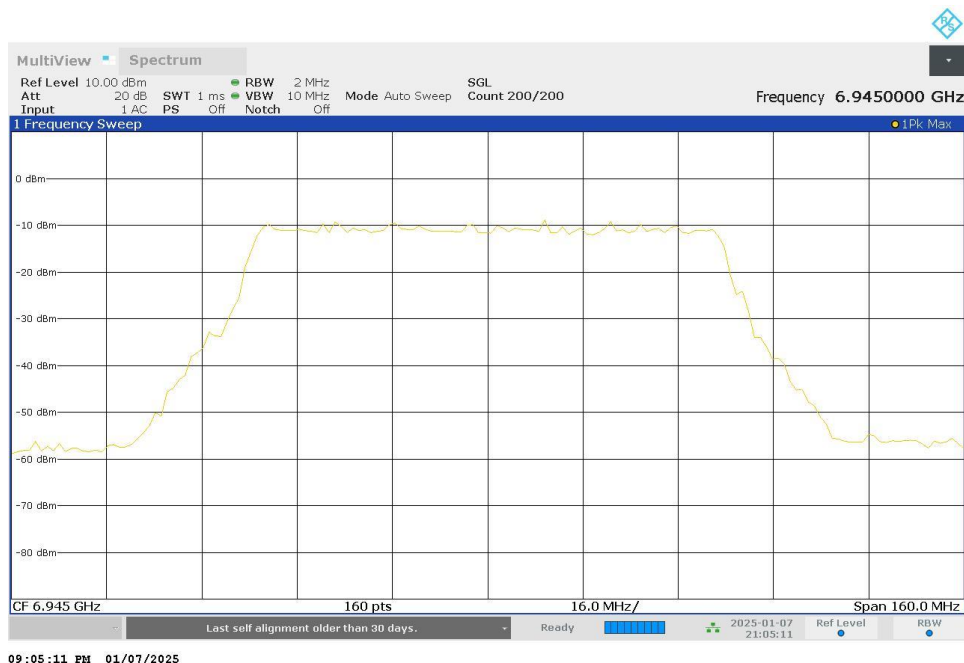
99 % Bandwidth

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



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	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	160	~ 160
Sweptime	1.000 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

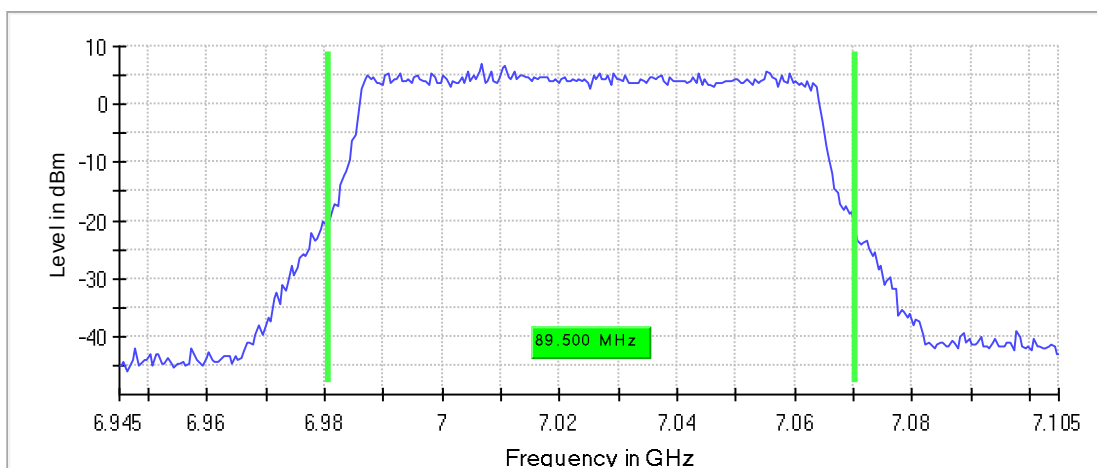
Emission Bandwidth 26 dB (7025 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
7025.000000	89.500000	---	320.000000	6980.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
7025.000000	7070.250000	---	6.9	PASS

26 dB 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	~ 800.000 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
Sweptime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 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 (7025 MHz; 24.000 dBm; 80 MHz)

Result

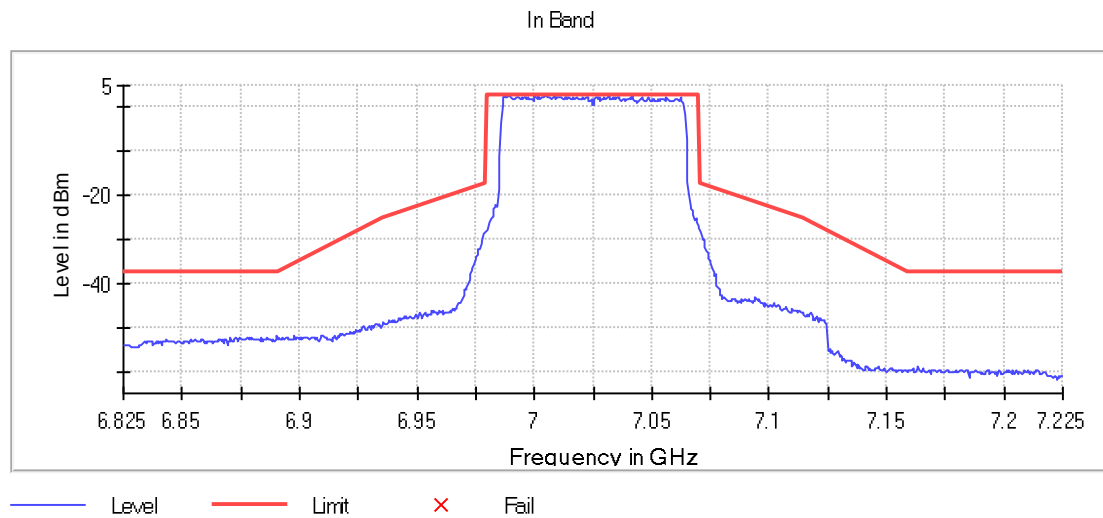
DUT Frequency (MHz)	Result
7025.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6989.250000	2.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
7008.750000	2.7	0.1	2.8	PASS
7031.750000	2.6	0.1	2.8	PASS
6988.750000	2.6	0.1	2.8	PASS
7041.750000	2.6	0.1	2.8	PASS
7000.250000	2.6	0.1	2.8	PASS
6987.250000	2.6	0.2	2.8	PASS
7001.750000	2.6	0.2	2.8	PASS
7004.750000	2.6	0.2	2.8	PASS
7020.750000	2.6	0.2	2.8	PASS
6990.250000	2.6	0.2	2.8	PASS
7016.750000	2.5	0.2	2.8	PASS
7014.750000	2.5	0.2	2.8	PASS
7034.250000	2.5	0.2	2.8	PASS
6987.750000	2.5	0.3	2.8	PASS
7022.250000	2.5	0.3	2.8	PASS

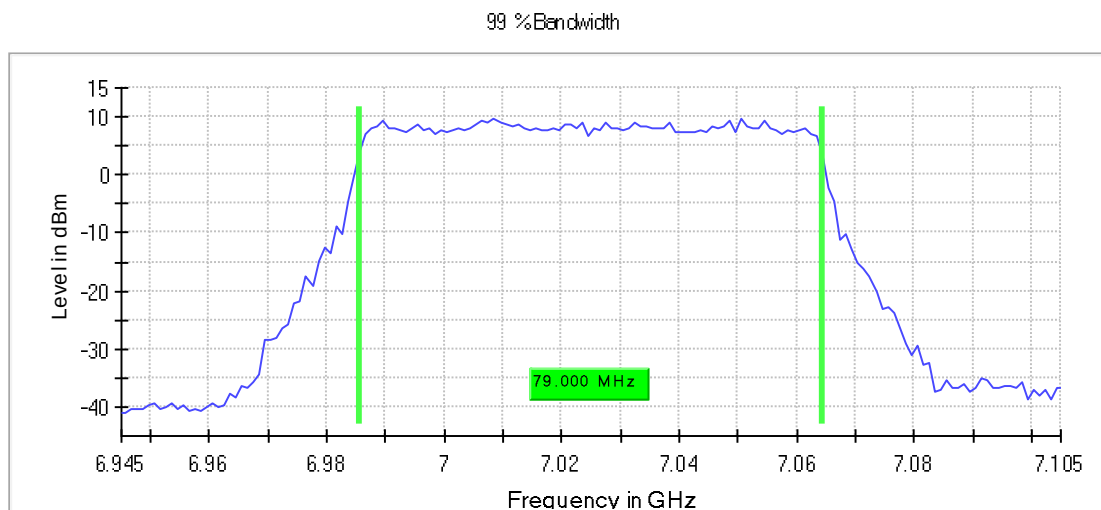


Occupied Channel Bandwidth 99% (7025 MHz; 24.000 dBm; 80 MHz)

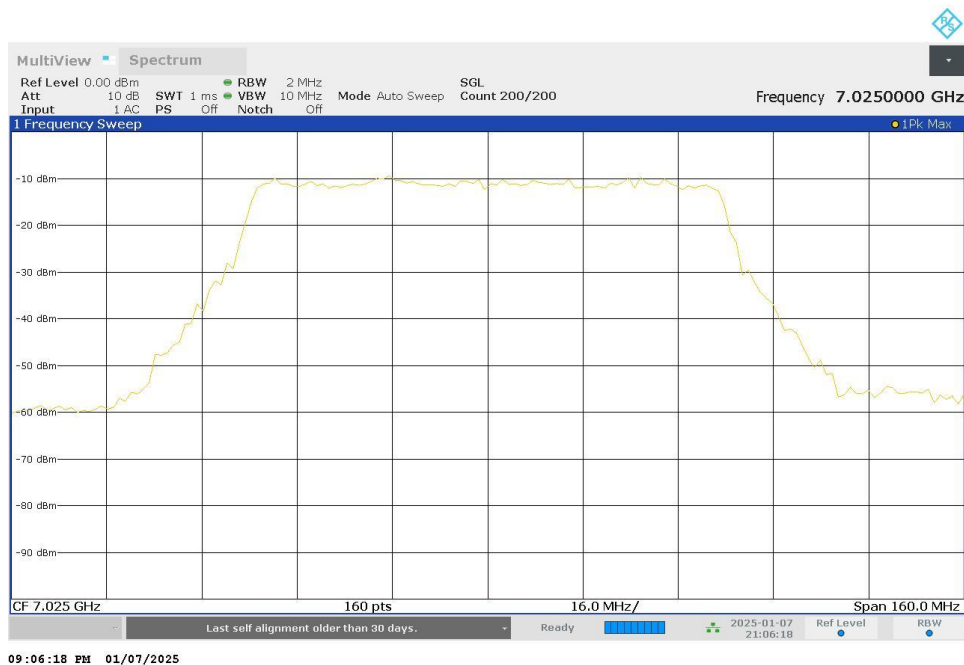
99 % Bandwidth

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



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	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 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

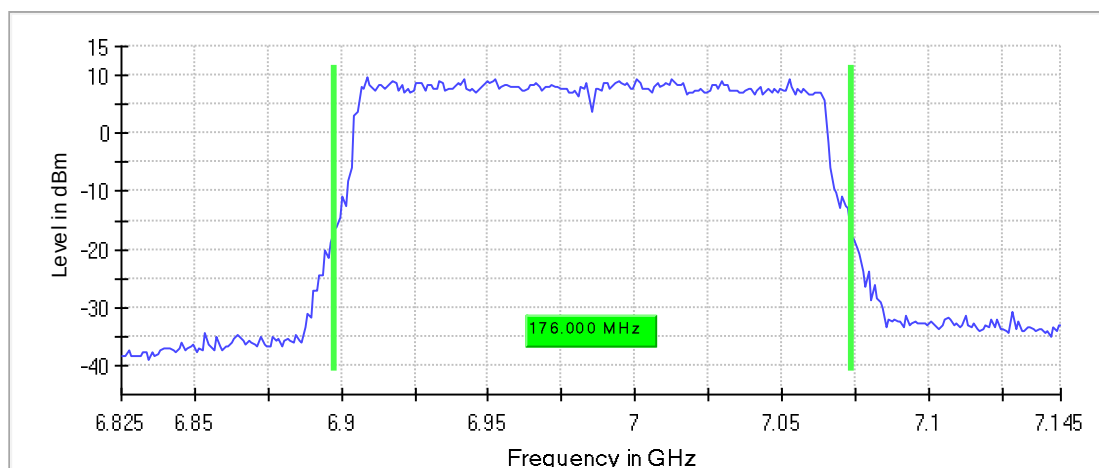
Emission Bandwidth 26 dB (6985 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

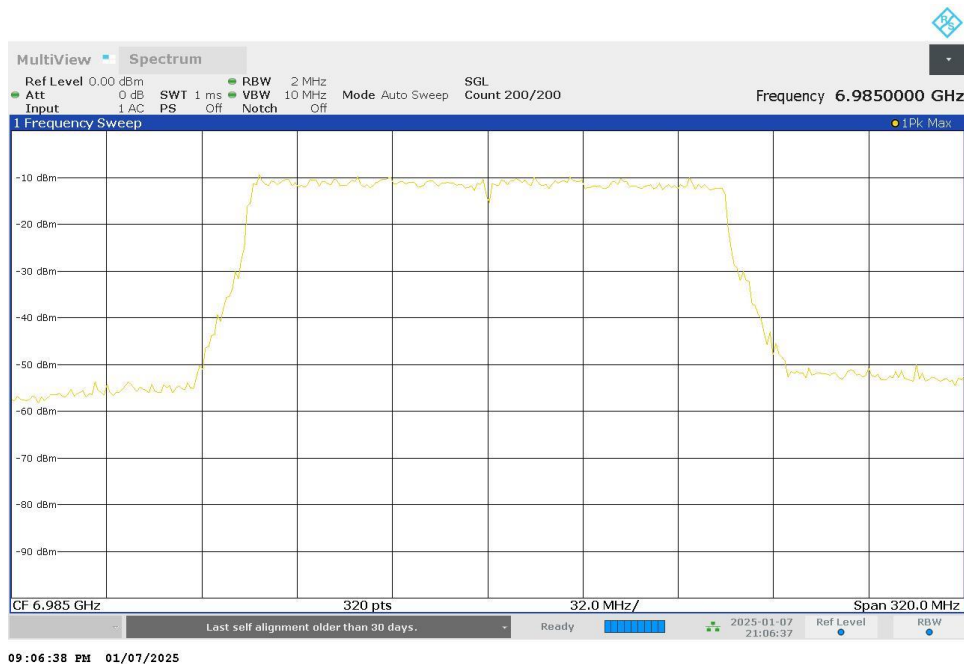
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6985.000000	176.000000	---	320.000000	6897.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6985.000000	7073.500000	---	9.8	PASS

26 dB 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	~ 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320
Sweptime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	0.000 dB	0.000 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

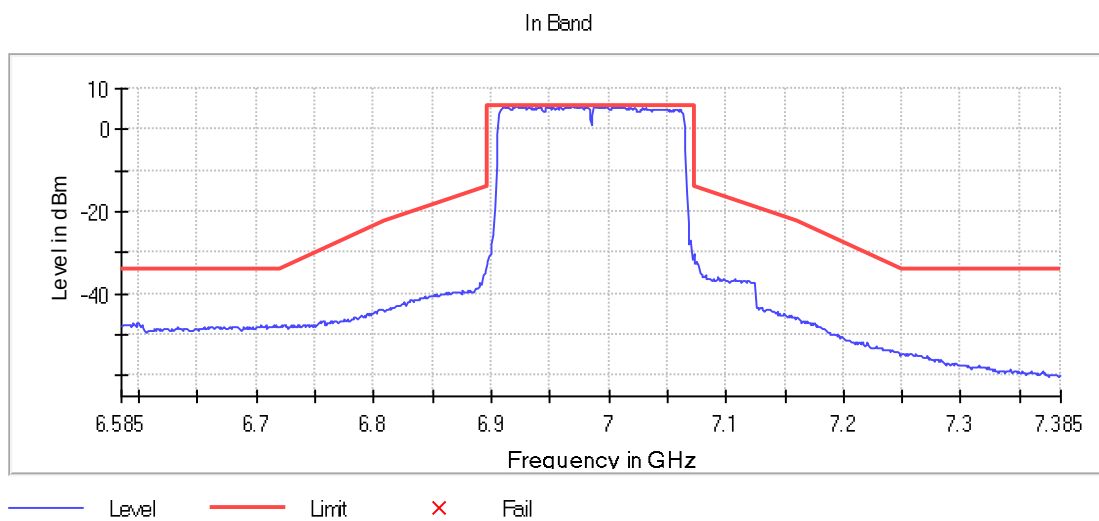
DUT Frequency (MHz)	Result
6985.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6910.500000	5.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6910.500000	5.9	0.0	5.9	PASS
6976.500000	5.7	0.2	5.9	PASS
6971.500000	5.6	0.2	5.9	PASS
6921.500000	5.6	0.3	5.9	PASS
6947.500000	5.6	0.3	5.9	PASS
6998.500000	5.6	0.3	5.9	PASS
6958.500000	5.6	0.3	5.9	PASS
6987.500000	5.6	0.3	5.9	PASS
6928.500000	5.6	0.3	5.9	PASS
6989.500000	5.6	0.3	5.9	PASS
6952.500000	5.6	0.3	5.9	PASS
6969.500000	5.6	0.3	5.9	PASS
6972.500000	5.5	0.4	5.9	PASS
6922.500000	5.5	0.4	5.9	PASS
6911.500000	5.5	0.4	5.9	PASS

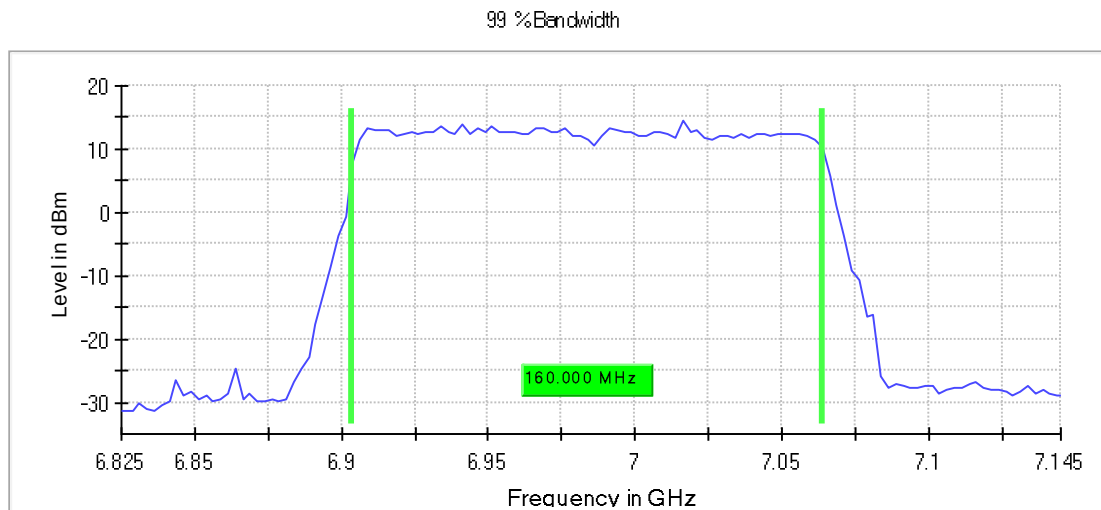


Occupied Channel Bandwidth 99% (6985 MHz; 24.000 dBm; 160 MHz)

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



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	5.000 MHz	>= 4.000 MHz
VBW	10.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
Sweptime	1.000 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

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

Result

DUT Frequency (MHz)	Result
6985.000000	PASS

Final measurements

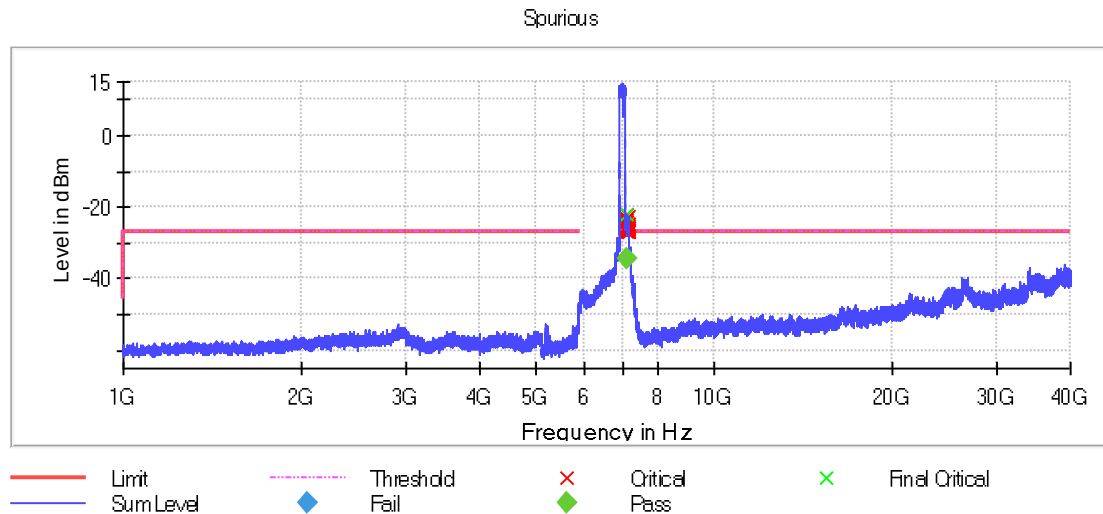
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
7129.250000	-22.0	-34.6	-27.0	7.6	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7129.250000	-22.0	-5.0	-27.0
7141.750000	-22.8	-4.2	-27.0
7128.750000	-23.0	-4.0	-27.0
7129.750000	-23.8	-3.2	-27.0
7127.750000	-24.0	-3.0	-27.0
7125.750000	-24.2	-2.8	-27.0
7142.750000	-24.7	-2.3	-27.0
7140.250000	-24.9	-2.1	-27.0
7128.250000	-25.0	-2.0	-27.0
7143.750000	-25.1	-1.9	-27.0
7130.250000	-25.5	-1.5	-27.0
7134.750000	-25.5	-1.5	-27.0
7139.750000	-25.6	-1.4	-27.0
7131.250000	-25.6	-1.4	-27.0
7142.250000	-25.8	-1.2	-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
---	---	---	---	---	---

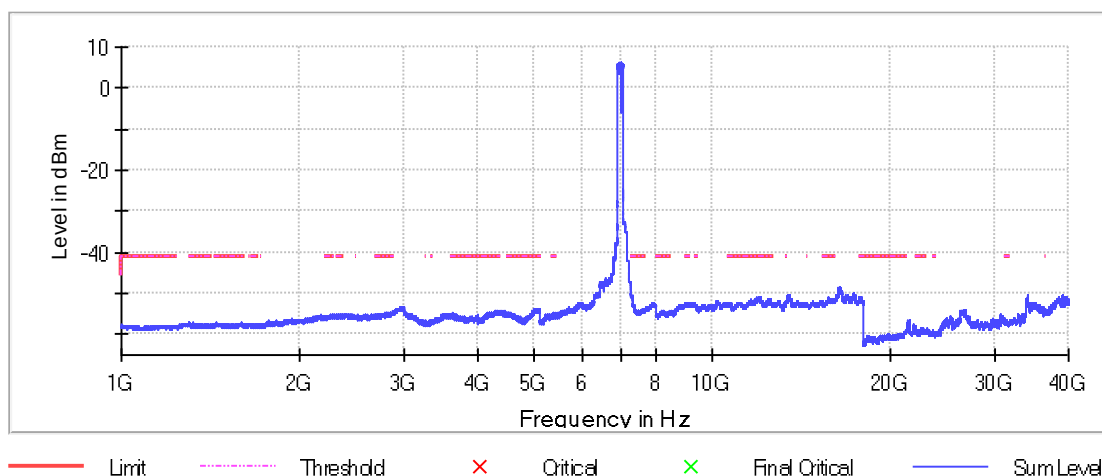
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.750000	-47.4	6.2	-41.2
7253.750000	-47.4	6.2	-41.2
7255.250000	-47.4	6.2	-41.2
7251.250000	-47.4	6.2	-41.2
7250.250000	-47.4	6.2	-41.2
7256.750000	-47.5	6.3	-41.2
7255.750000	-47.5	6.3	-41.2
7250.750000	-47.6	6.4	-41.2
7258.250000	-47.6	6.4	-41.2
7257.250000	-47.6	6.4	-41.2
7254.750000	-47.7	6.5	-41.2
7257.750000	-47.8	6.6	-41.2
7256.250000	-47.8	6.6	-41.2
7260.250000	-47.8	6.6	-41.2
7263.250000	-47.8	6.6	-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) (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

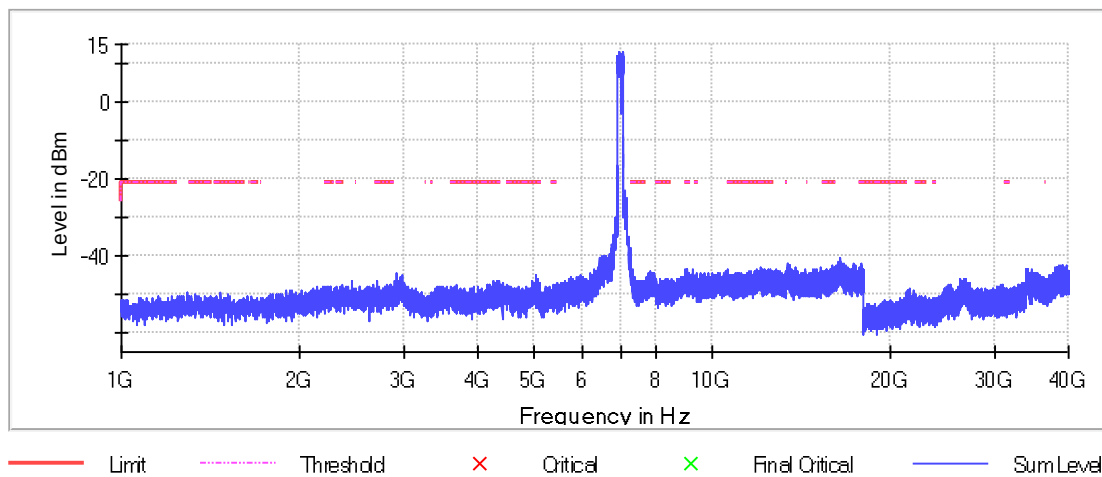
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.250000	-38.2	17.0	-21.2
7254.750000	-39.4	18.2	-21.2
7262.750000	-39.6	18.4	-21.2
7254.250000	-39.7	18.5	-21.2
7257.750000	-40.0	18.8	-21.2
7264.750000	-40.1	18.9	-21.2
7257.250000	-40.2	19.0	-21.2
7255.250000	-40.4	19.2	-21.2
7266.750000	-40.7	19.5	-21.2
7256.750000	-41.1	19.9	-21.2
7255.750000	-41.1	19.9	-21.2

7253.750000	-41.5	20.3	-21.2
7262.250000	-41.6	20.4	-21.2
7250.750000	-41.6	20.4	-21.2
7256.250000	-41.7	20.5	-21.2

Measurement Settings

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

Restricted Band



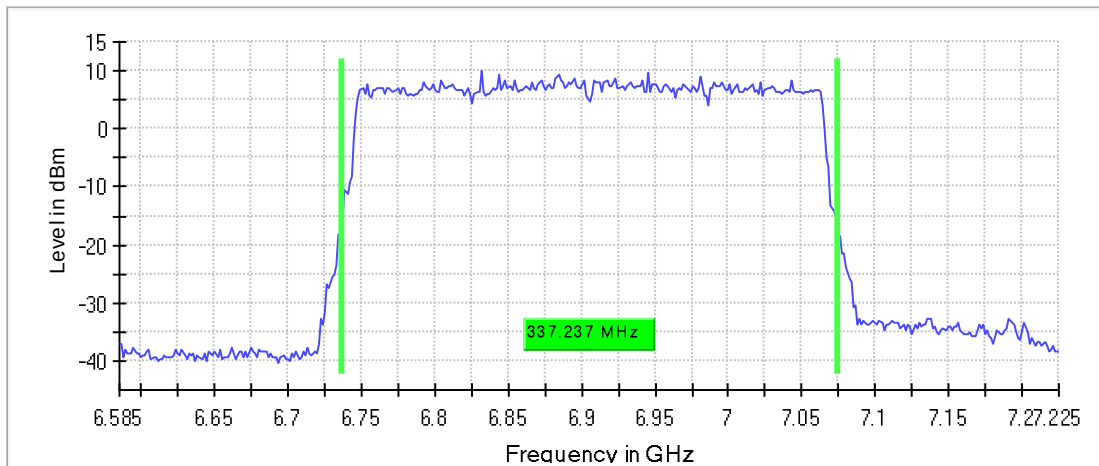
Emission Bandwidth 26 dB (6905 MHz; 24.000 dBm; 320 MHz)

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	337.236533	137.868852	199.367681	---	---

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	6737.131148	---	7074.367681	---	10.1	PASS

26 dB 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	3.000 MHz	~ 3.200 MHz
VBW	10.000 MHz	>= 9.000 MHz
SweepPoints	427	~ 427
Sweptime	1.000 ms	AUTO
Reference Level	0.000 dBm	AUTO

Attenuation	0.000 dB	0.000 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 (6905 MHz; 24.000 dBm; 320 MHz)

Result

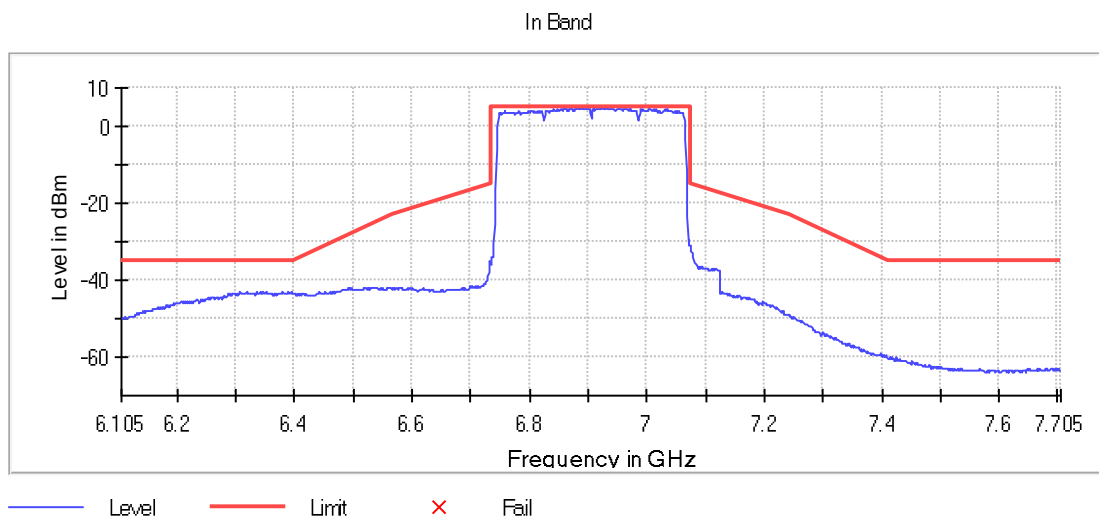
DUT Frequency (MHz)	Result
6905.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6909.498594	5.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6887.005623	5.0	0.0	5.0	PASS
6925.993440	4.9	0.1	5.0	PASS
6882.507029	4.8	0.2	5.0	PASS
6924.493908	4.8	0.2	5.0	PASS
6930.492034	4.8	0.2	5.0	PASS
6860.014058	4.8	0.3	5.0	PASS
6872.010309	4.7	0.3	5.0	PASS
6878.008435	4.7	0.3	5.0	PASS
6899.001874	4.7	0.3	5.0	PASS
6900.501406	4.7	0.3	5.0	PASS
6931.991565	4.7	0.3	5.0	PASS
6881.007498	4.7	0.3	5.0	PASS
6890.004686	4.7	0.3	5.0	PASS
6951.485473	4.7	0.4	5.0	PASS
6922.994377	4.7	0.4	5.0	PASS

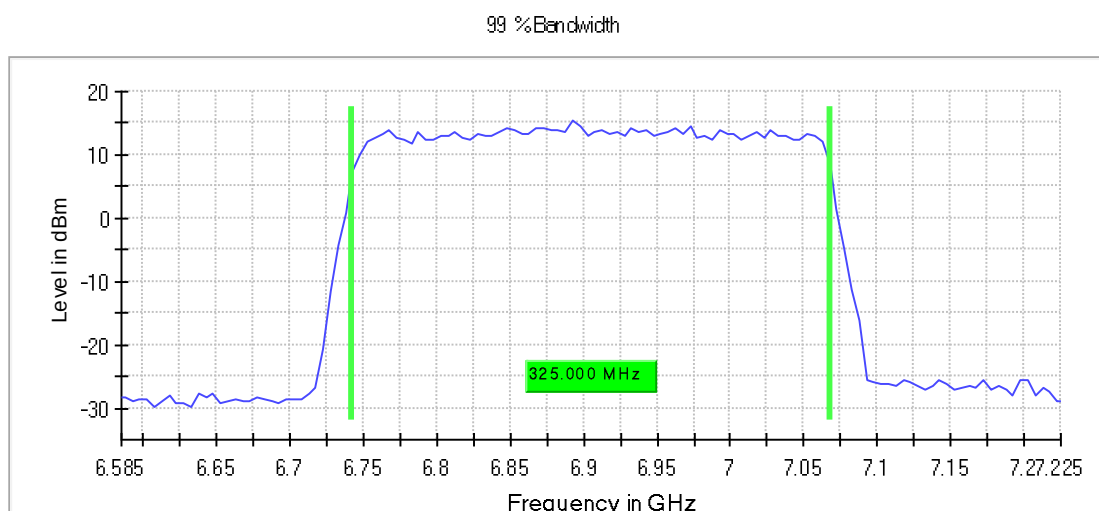


Occupied Channel Bandwidth 99% (6905 MHz; 24.000 dBm; 320 MHz)

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	325.000000	132.500000	192.500000	---	---

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	7067.500000	7125.000000	PASS



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	10.000 MHz	>= 8.000 MHz
VBW	10.000 MHz	>= 30.000 MHz
SweepPoints	128	~ 128
SweepTime	1.000 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

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

Result

DUT Frequency (MHz)	Result
6905.000000	PASS

Final measurements

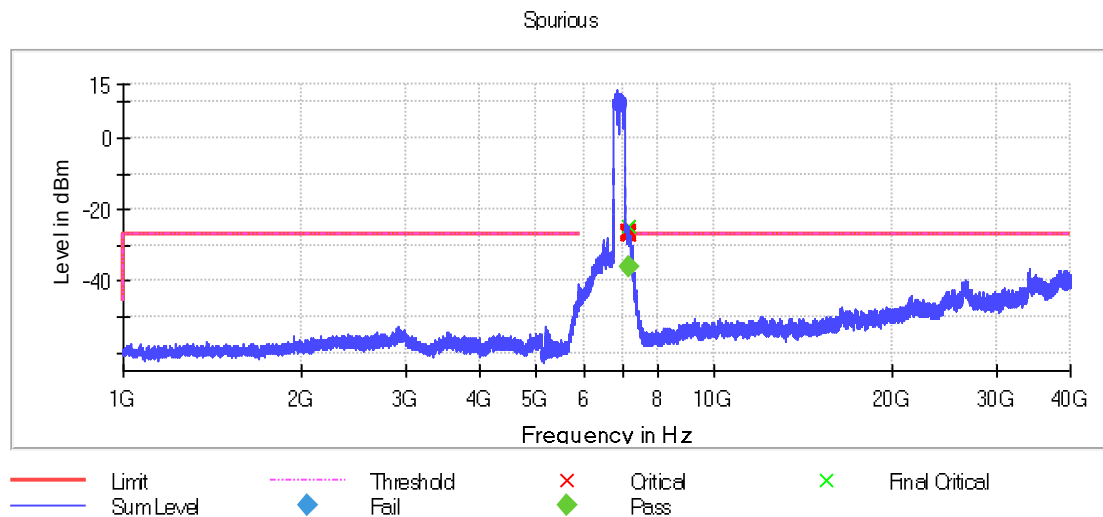
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
7160.250000	-24.9	-36.0	-27.0	9.0	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7160.250000	-24.9	-2.1	-27.0
7178.750000	-25.6	-1.4	-27.0
7147.750000	-25.9	-1.1	-27.0
7126.250000	-25.9	-1.1	-27.0
7157.250000	-26.0	-1.0	-27.0
7131.250000	-26.1	-0.9	-27.0
7140.750000	-26.1	-0.9	-27.0
7157.750000	-26.1	-0.9	-27.0
7151.750000	-26.1	-0.9	-27.0
7142.250000	-26.3	-0.7	-27.0
7125.750000	-26.3	-0.7	-27.0
7143.750000	-26.5	-0.5	-27.0
7130.250000	-26.5	-0.5	-27.0
7131.750000	-26.6	-0.4	-27.0
7141.750000	-26.6	-0.4	-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
---	---	---	---	---	---

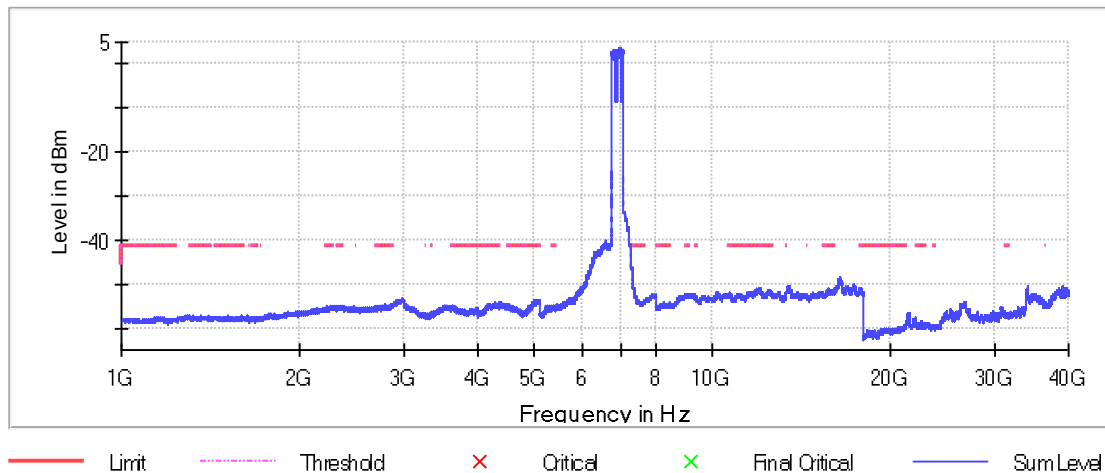
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.250000	-41.6	0.4	-41.2
7251.250000	-41.7	0.5	-41.2
7250.750000	-41.7	0.5	-41.2
7255.750000	-41.7	0.5	-41.2
7254.250000	-41.9	0.7	-41.2
7254.750000	-41.9	0.7	-41.2
7252.750000	-41.9	0.7	-41.2
7255.250000	-41.9	0.7	-41.2
7251.750000	-41.9	0.7	-41.2
7250.250000	-42.0	0.8	-41.2
7257.250000	-42.0	0.8	-41.2
7256.250000	-42.1	0.9	-41.2
7258.750000	-42.2	1.0	-41.2
7260.250000	-42.2	1.0	-41.2
7260.750000	-42.2	1.0	-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

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

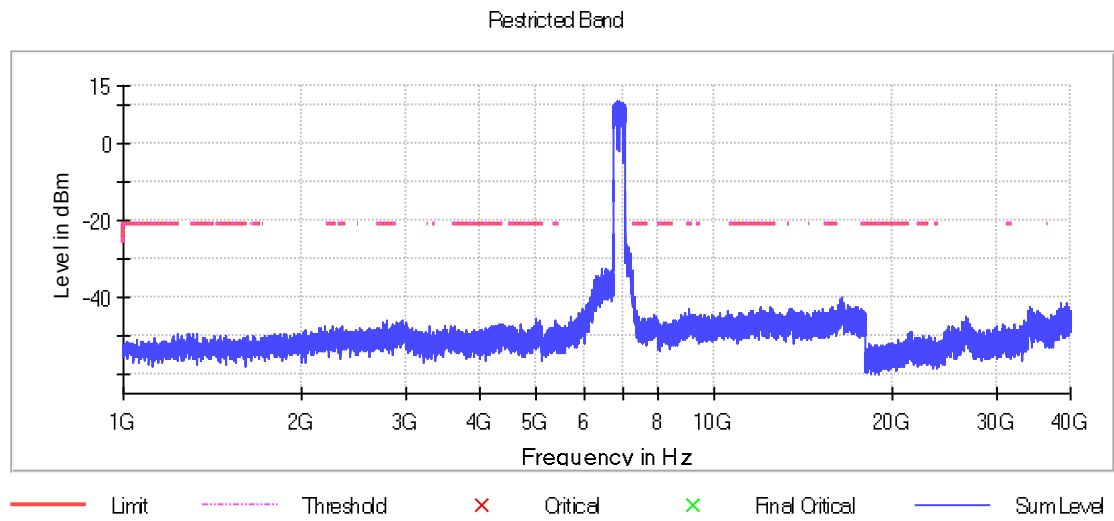
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7254.250000	-34.9	13.7	-21.2
7253.750000	-35.0	13.8	-21.2
7261.250000	-35.2	14.0	-21.2
7275.250000	-35.2	14.0	-21.2
7260.250000	-35.3	14.1	-21.2
7259.750000	-35.3	14.1	-21.2
7264.250000	-35.5	14.3	-21.2
7255.250000	-35.5	14.3	-21.2
7264.750000	-35.6	14.4	-21.2
7270.250000	-35.6	14.4	-21.2
7269.750000	-35.7	14.5	-21.2
7265.250000	-35.8	14.6	-21.2
7254.750000	-35.8	14.6	-21.2
7262.750000	-35.8	14.6	-21.2
7266.750000	-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



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)

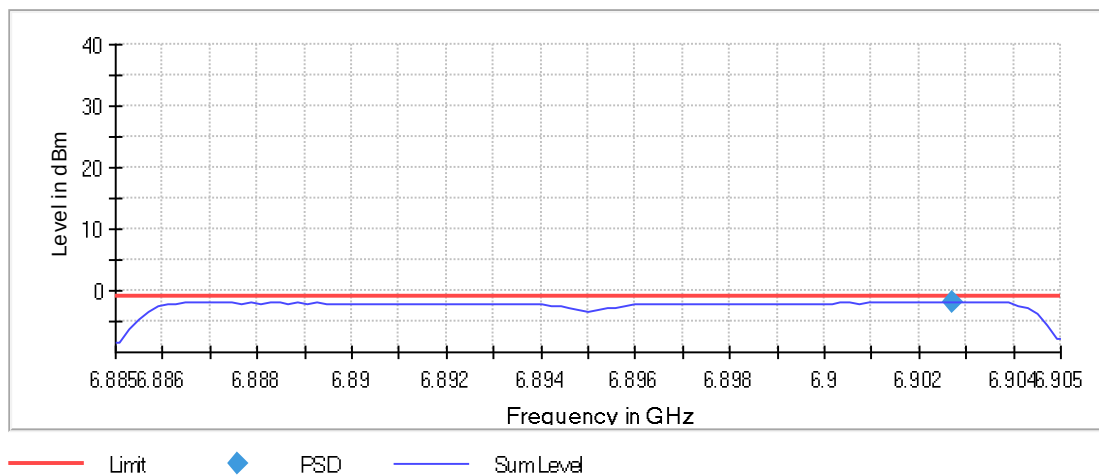
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6895.000000	6902.722772	-1.763	-1.0	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



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
Sweptime	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)

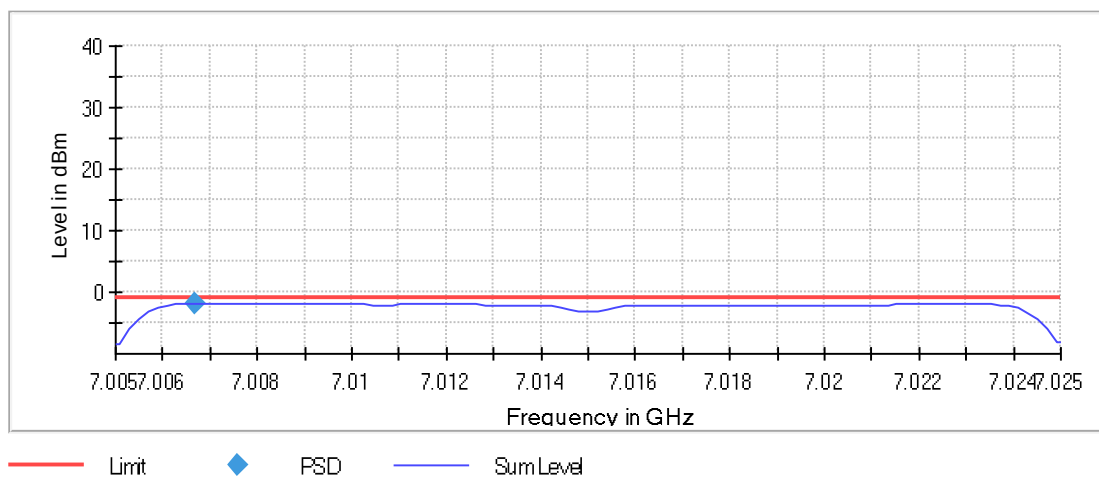
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7015.000000	7006.683168	-1.821	-1.0	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



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
Sweptime	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

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

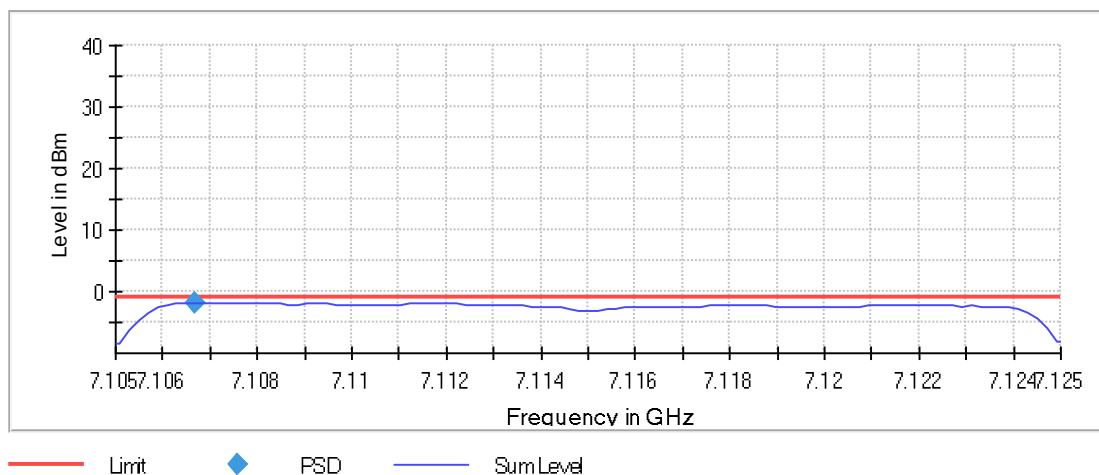
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7115.000000	7106.683168	-1.920	-1.0	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.10500 GHz	7.10500 GHz
Stop Frequency	7.12500 GHz	7.12500 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

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

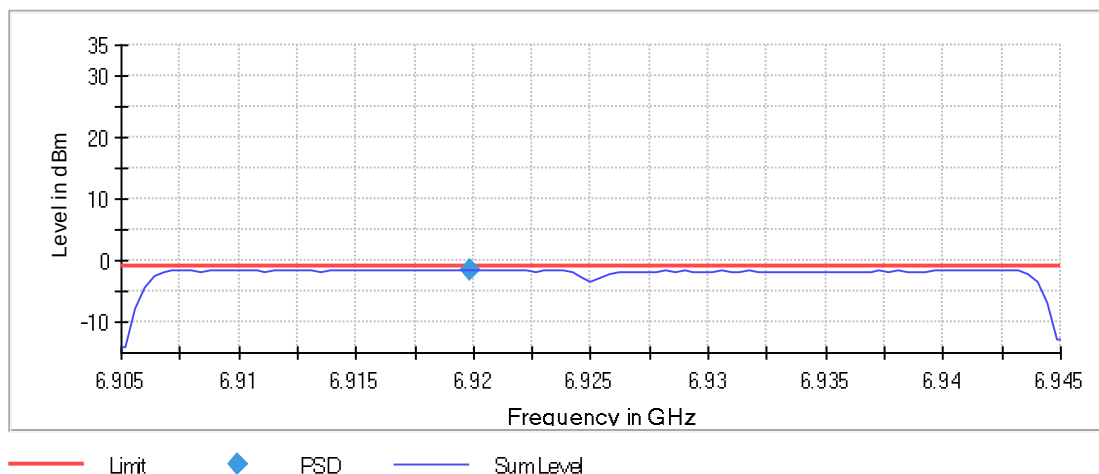
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6925.000000	6919.851485	-1.476	-1.0	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.90500 GHz	6.90500 GHz
Stop Frequency	6.94500 GHz	6.94500 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
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) (7005 MHz; 24.000 dBm; 40 MHz)

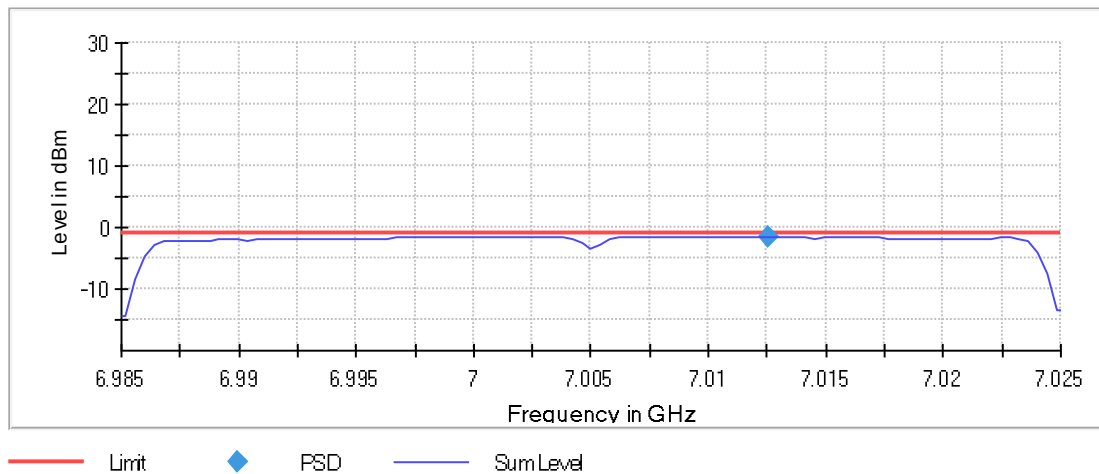
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7005.000000	7012.524752	-1.459	-1.0	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.98500 GHz	6.98500 GHz
Stop Frequency	7.02500 GHz	7.02500 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
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

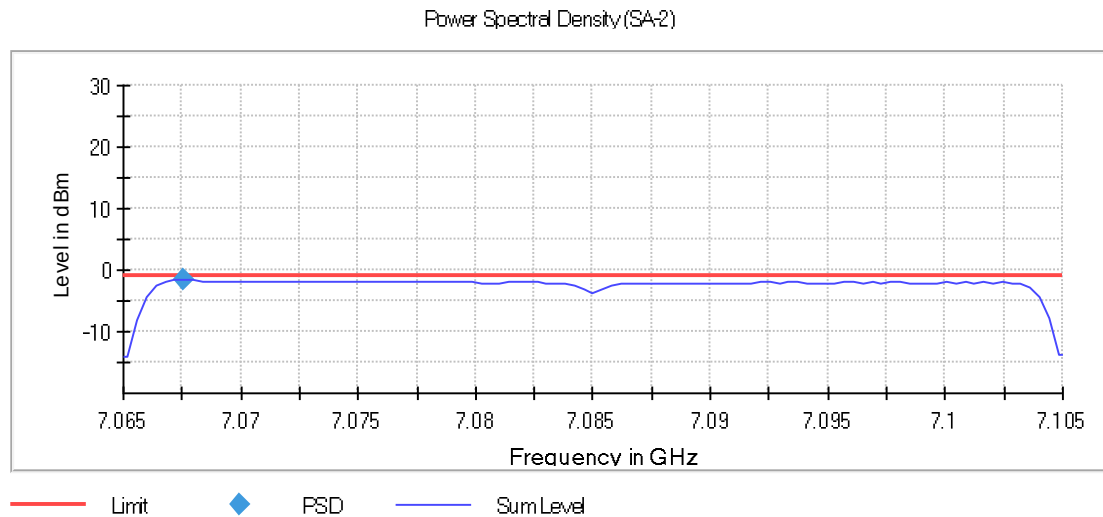
Power Spectral Density (SA-2) (7085 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7085.000000	7067.574257	-1.696	-1.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	7.06500 GHz	7.06500 GHz
Stop Frequency	7.10500 GHz	7.10500 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
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

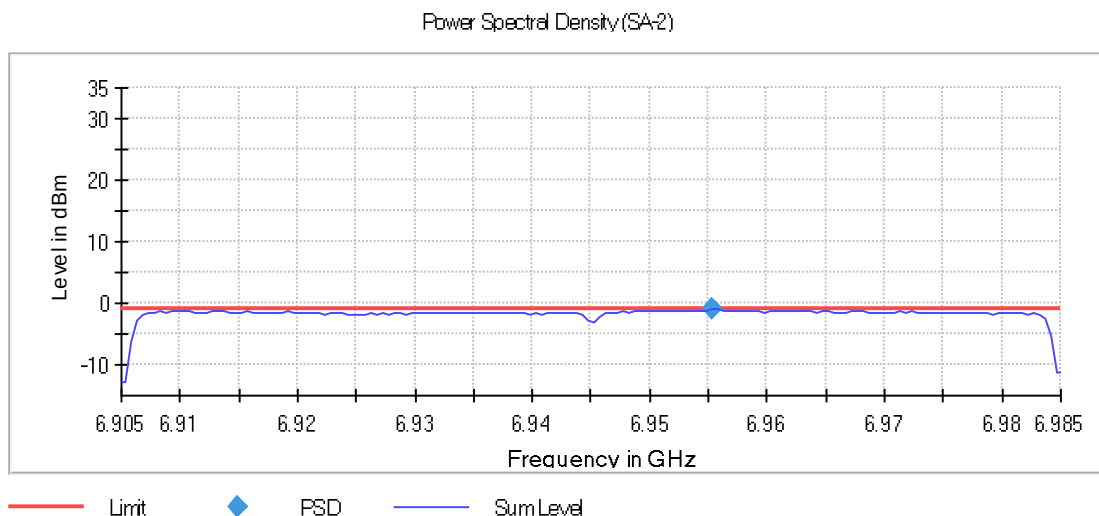
Power Spectral Density (SA-2) (6945 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6945.000000	6955.250000	-1.056	-1.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.90500 GHz	6.90500 GHz
Stop Frequency	6.98500 GHz	6.98500 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	160	~ 160
Sweptime	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

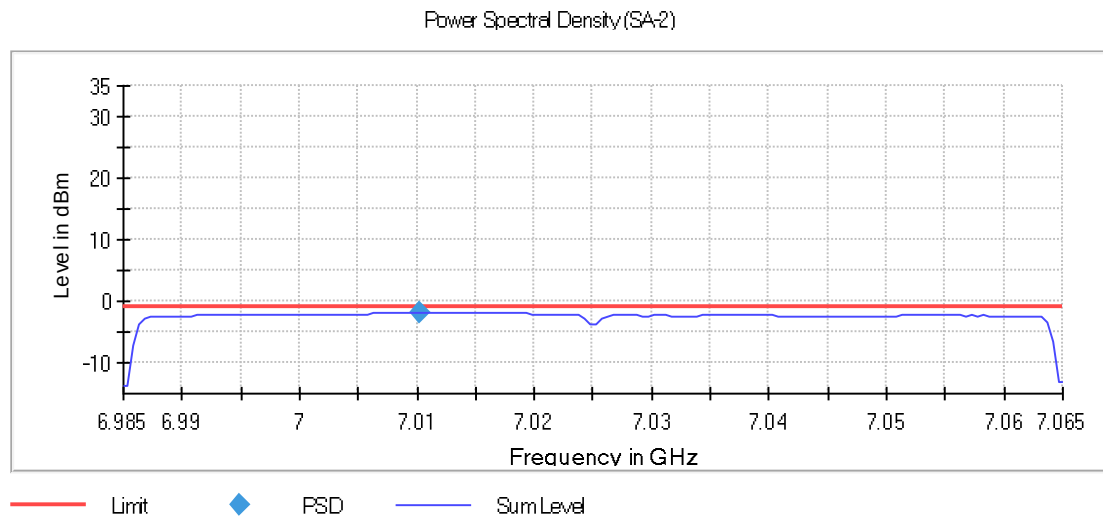
Power Spectral Density (SA-2) (7025 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
7025.000000	7010.250000	-1.838	-1.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.98500 GHz	6.98500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	160	~ 160
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

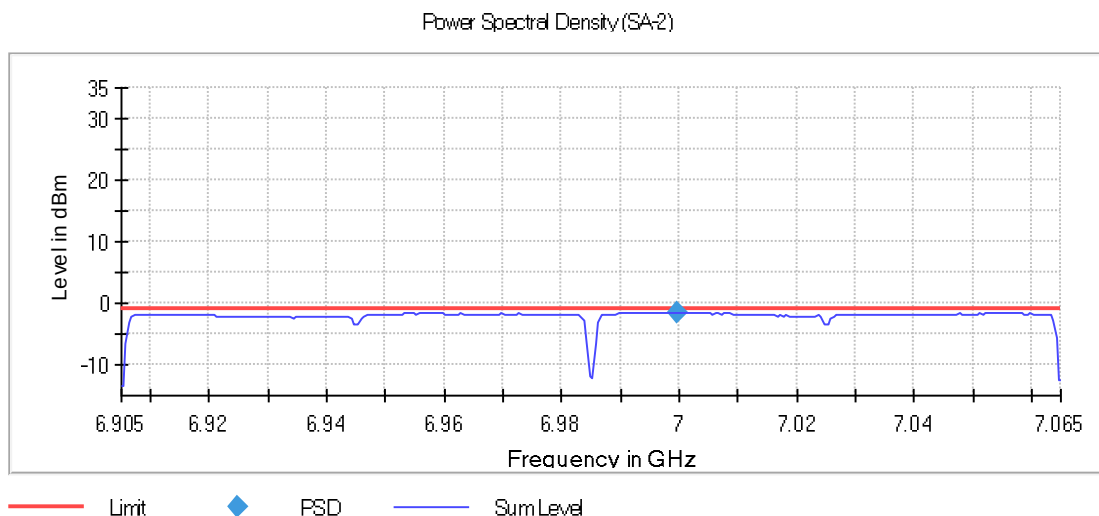
Power Spectral Density (SA-2) (6985 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6985.000000	6999.750000	-1.483	-1.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.90500 GHz	6.90500 GHz
Stop Frequency	7.06500 GHz	7.06500 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	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

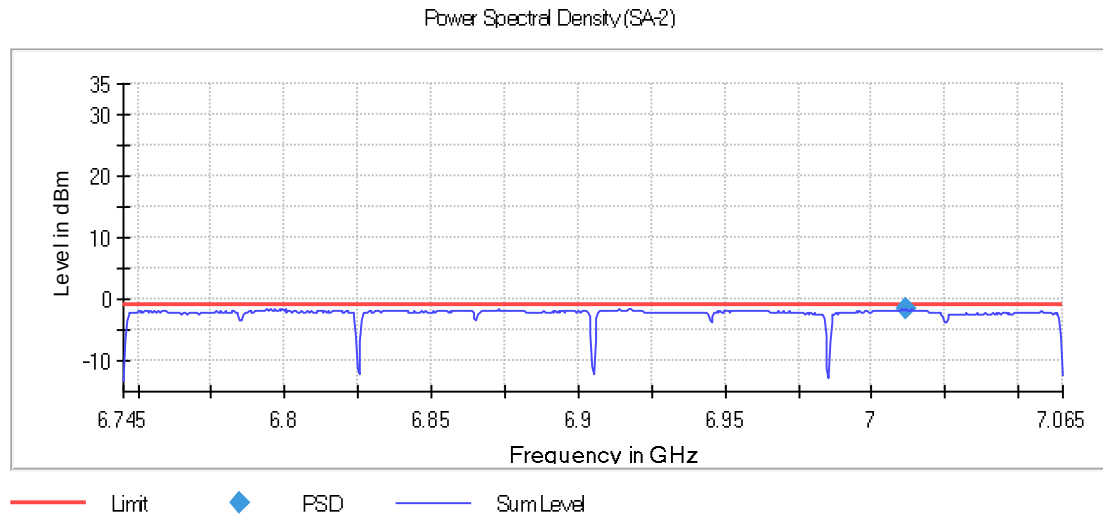
Power Spectral Density (SA-2) (6905 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6905.000000	7011.250000	-1.631	-1.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.74500 GHz	6.74500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	320.000 MHz	320.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	640	~ 640
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

-- End of Report --