



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-UDR7
ISED ID	6545A-UDR7
Equipment Under Test	UDR7
Test Report Serial Number	TR9639_01
Date of Tests	12 – 13 September 2024
Report Issue Date	27 December 2024

Test Personnel

Testing performed by	Evan Hartzell and 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-7

1.1 EHT Mode

1.1.1 Summary

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

Emissions in restricted frequency bands (Average)	6585.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6585.000	24.0	320.000000	PASS

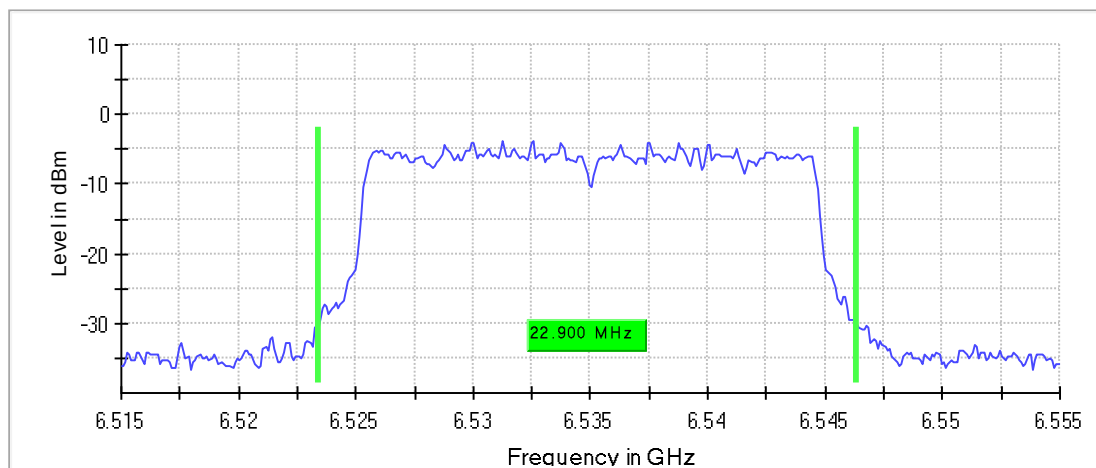
Emission Bandwidth 26 dB (6535 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

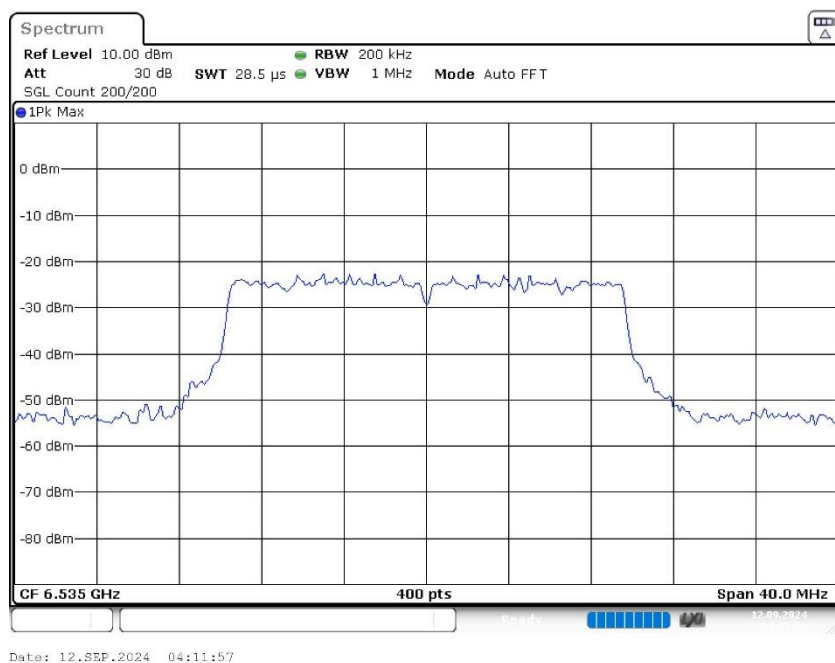
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6535.000000	22.900000	---	320.000000	6523.450000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6535.000000	6546.350000	---	-3.9	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.51500 GHz	6.51500 GHz
Stop Frequency	6.55500 GHz	6.55500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	28.477 μ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

RF output power (6535 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6535.000000	11.4	24.0	11.4	99.730	PASS

OSP PowerMeter settings

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

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

Result

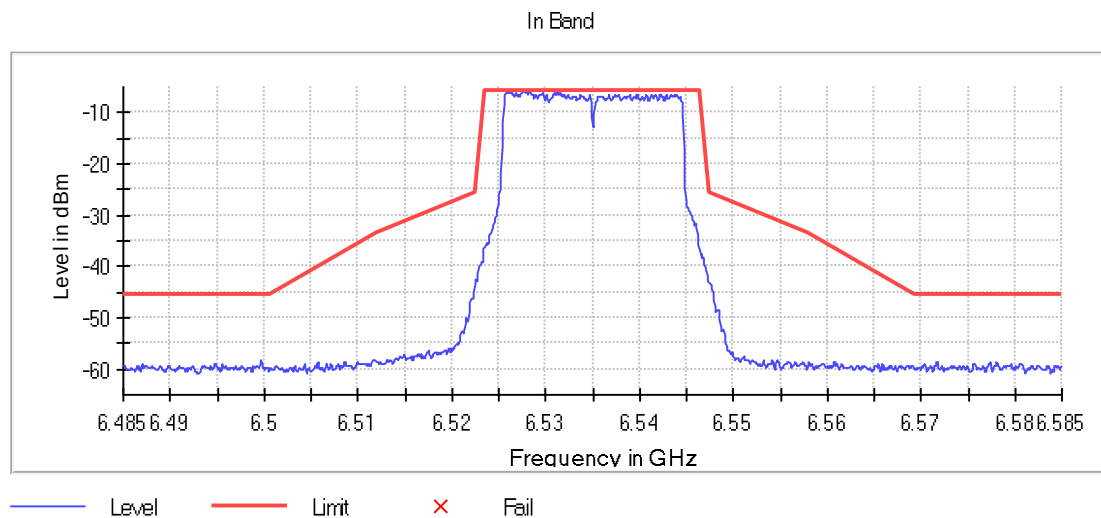
DUT Frequency (MHz)	Result
6535.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6528.350000	-5.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6528.350000	-5.6	0.0	-5.6	PASS
6527.650000	-5.7	0.1	-5.6	PASS
6528.250000	-5.8	0.2	-5.6	PASS
6527.750000	-5.9	0.3	-5.6	PASS
6527.950000	-5.9	0.3	-5.6	PASS
6525.950000	-5.9	0.3	-5.6	PASS
6525.750000	-6.0	0.3	-5.6	PASS
6531.250000	-6.0	0.4	-5.6	PASS
6529.650000	-6.0	0.4	-5.6	PASS
6528.050000	-6.1	0.4	-5.6	PASS
6530.950000	-6.1	0.4	-5.6	PASS
6527.550000	-6.1	0.5	-5.6	PASS
6526.250000	-6.1	0.5	-5.6	PASS
6526.050000	-6.1	0.5	-5.6	PASS
6527.450000	-6.2	0.5	-5.6	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.48500 GHz	6.48500 GHz
Stop Frequency	6.58500 GHz	6.58500 GHz
Span	100.000 MHz	100.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	500.000 kHz	~ 600.000 kHz
SweepPoints	1000	~ 1000
SweepTime	1.050 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off

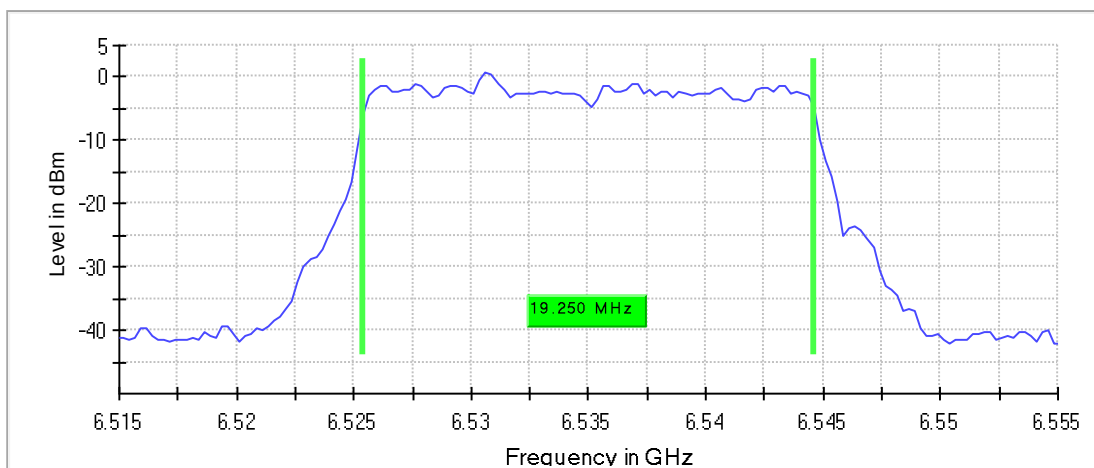
Occupied Channel Bandwidth 99% (6535 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

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

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

99 %Bandwidth



Bandwidth



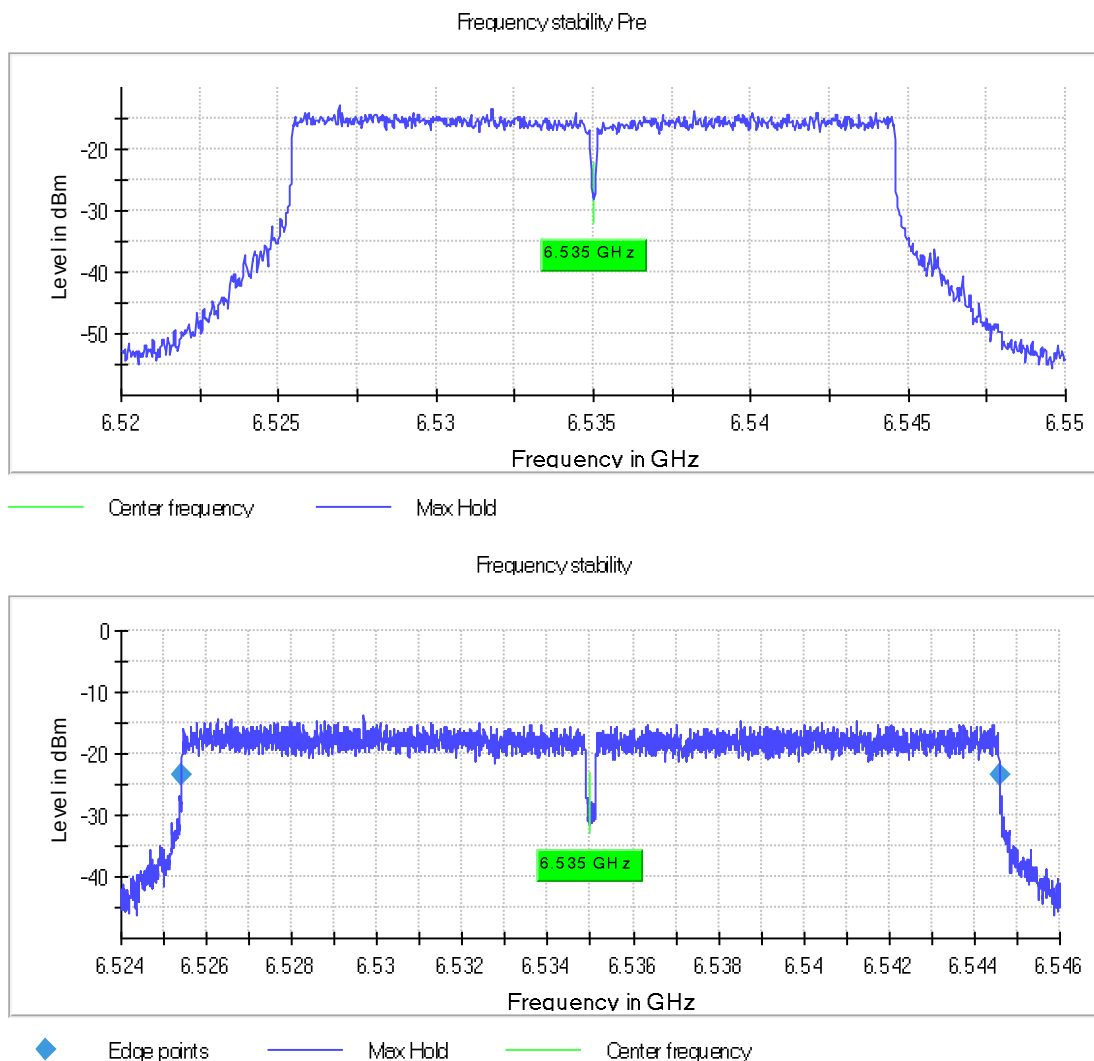
Measurement

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

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

Result

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



Measurement

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

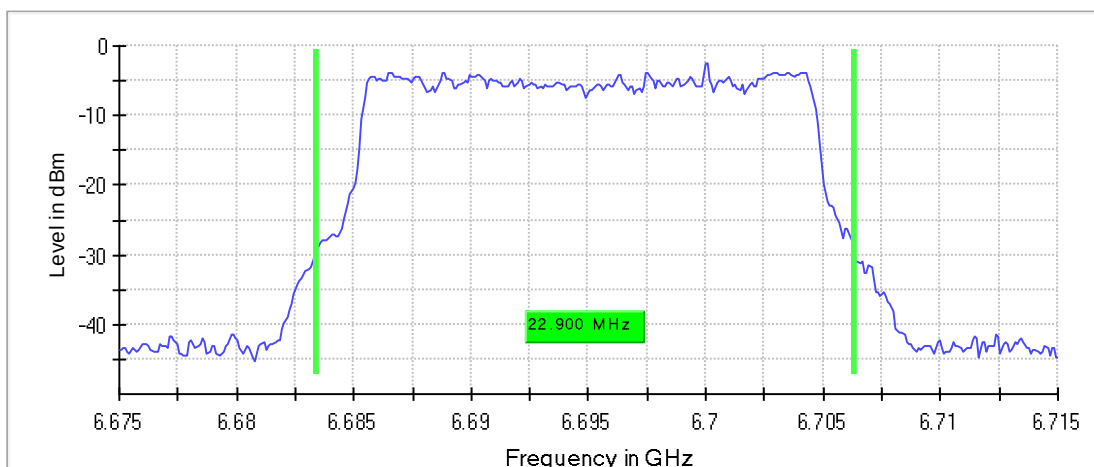
Emission Bandwidth 26 dB (6695 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

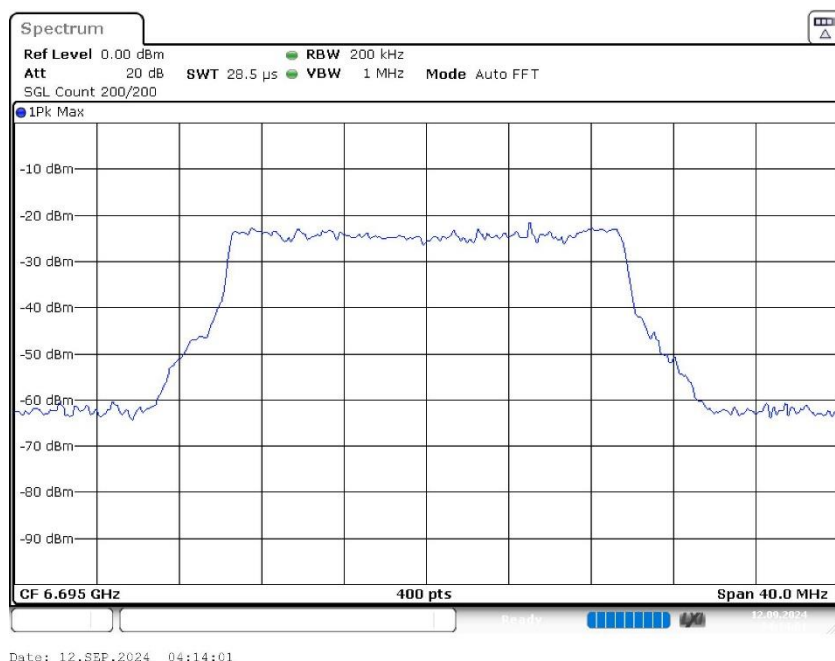
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6695.000000	22.900000	---	320.000000	6683.450000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6695.000000	6706.350000	---	-2.5	PASS

26 dB Bandwidth



Bandwidth



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

Result

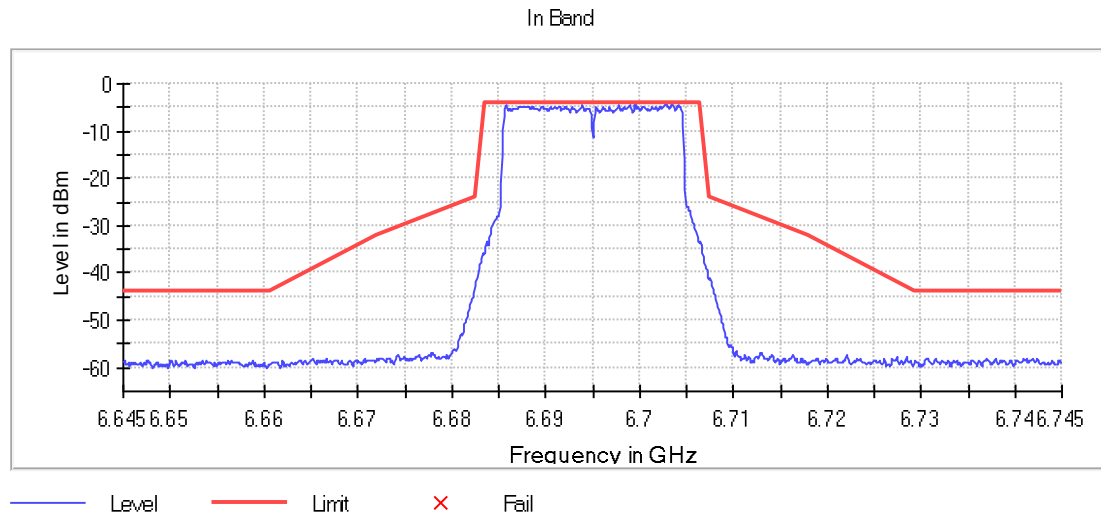
DUT Frequency (MHz)	Result
6695.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6702.750000	-4.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6702.750000	-4.0	0.0	-4.0	PASS
6702.850000	-4.3	0.2	-4.0	PASS
6703.550000	-4.3	0.2	-4.0	PASS
6685.750000	-4.4	0.3	-4.0	PASS
6703.650000	-4.4	0.3	-4.0	PASS
6704.150000	-4.4	0.4	-4.0	PASS
6703.350000	-4.4	0.4	-4.0	PASS
6703.450000	-4.5	0.4	-4.0	PASS
6698.950000	-4.5	0.4	-4.0	PASS
6702.650000	-4.5	0.5	-4.0	PASS
6693.950000	-4.5	0.5	-4.0	PASS
6699.450000	-4.6	0.6	-4.0	PASS
6699.550000	-4.7	0.6	-4.0	PASS
6697.850000	-4.7	0.6	-4.0	PASS
6698.850000	-4.7	0.7	-4.0	PASS

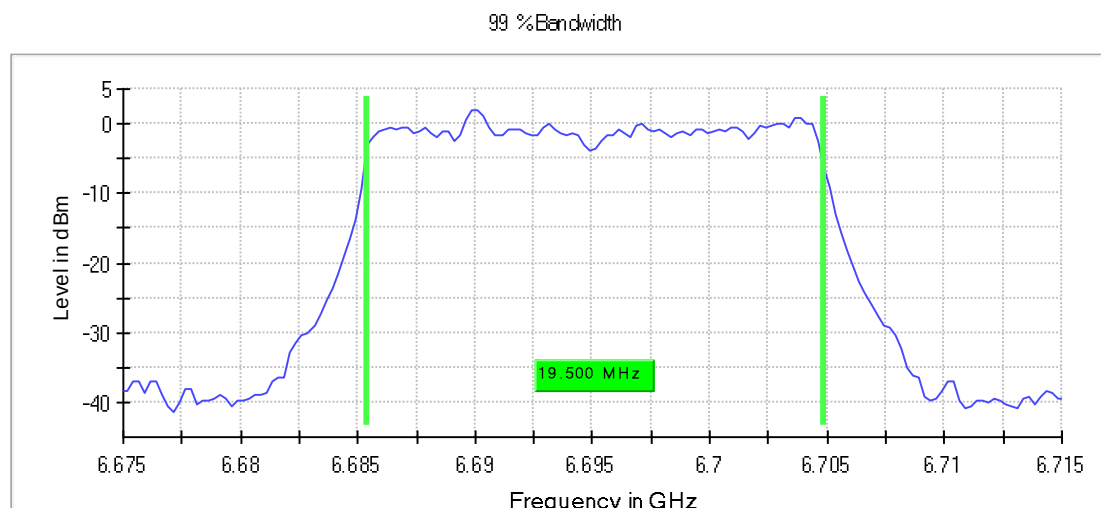


Occupied Channel Bandwidth 99% (6695 MHz; 24.000 dBm; 20 MHz)

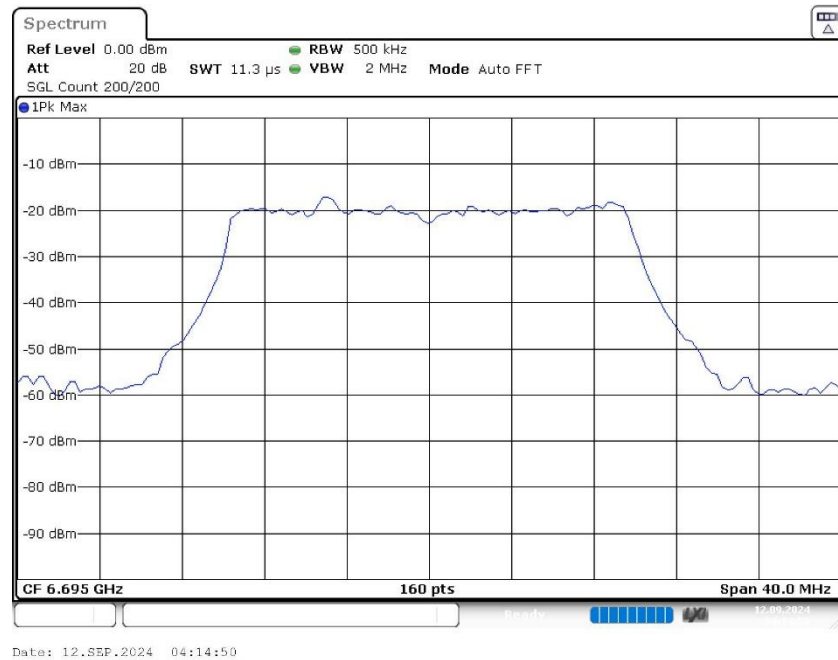
99 % Bandwidth

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

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



Bandwidth

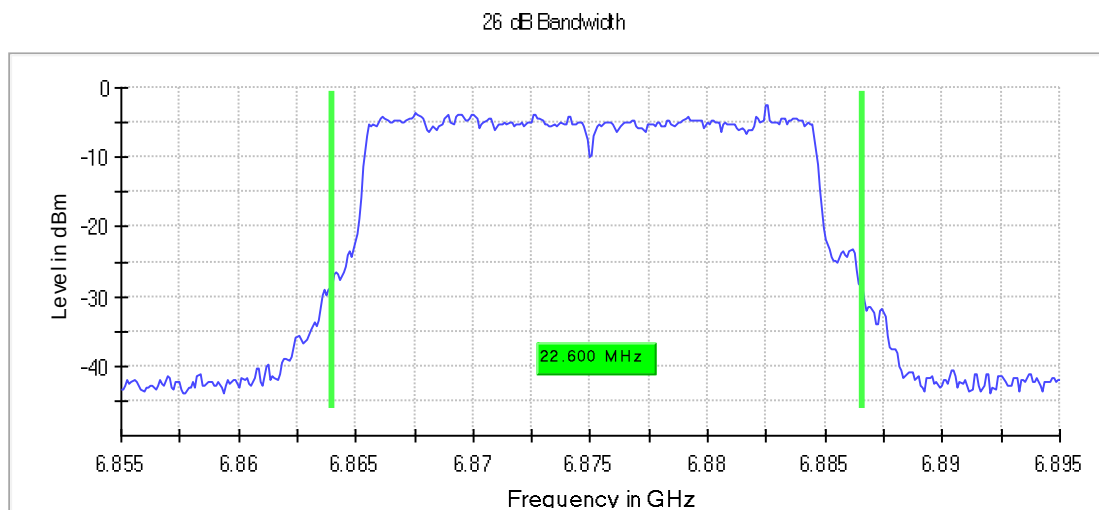


Emission Bandwidth 26 dB (6875 MHz; 24.000 dBm; 20 MHz)

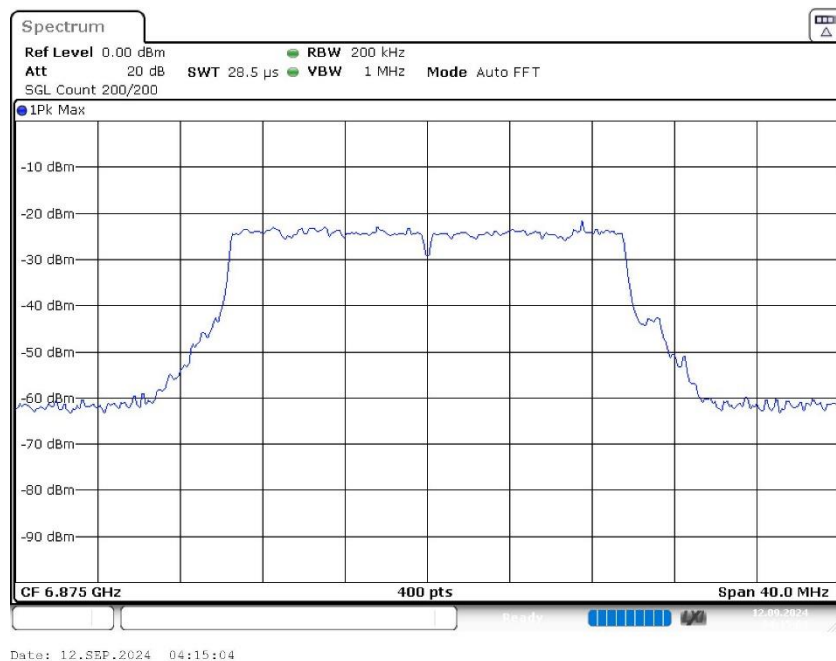
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	22.600000	11.050000	11.550000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6875.000000	6863.950000	---	6886.550000	---	-2.5	PASS



Bandwidth



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

Result

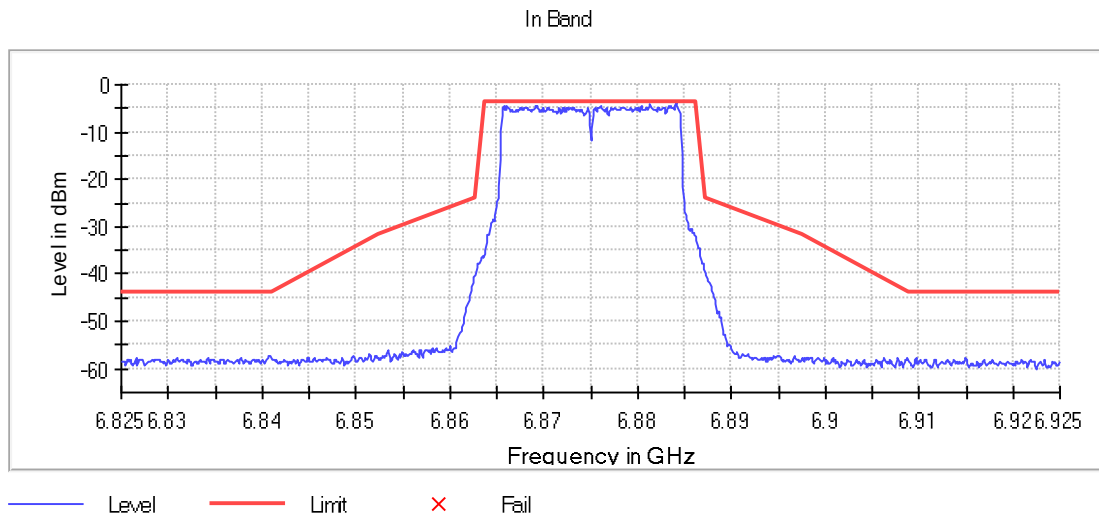
DUT Frequency (MHz)	Result
6875.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6884.150000	-3.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6884.150000	-3.8	0.0	-3.8	PASS
6881.350000	-4.1	0.2	-3.8	PASS
6884.050000	-4.3	0.4	-3.8	PASS
6883.550000	-4.4	0.6	-3.8	PASS
6880.450000	-4.4	0.6	-3.8	PASS
6869.250000	-4.4	0.6	-3.8	PASS
6876.050000	-4.5	0.6	-3.8	PASS
6881.250000	-4.5	0.7	-3.8	PASS
6884.250000	-4.5	0.7	-3.8	PASS
6865.750000	-4.6	0.8	-3.8	PASS
6869.150000	-4.6	0.8	-3.8	PASS
6883.250000	-4.6	0.8	-3.8	PASS
6866.050000	-4.7	0.8	-3.8	PASS
6875.950000	-4.7	0.9	-3.8	PASS
6883.450000	-4.7	0.9	-3.8	PASS

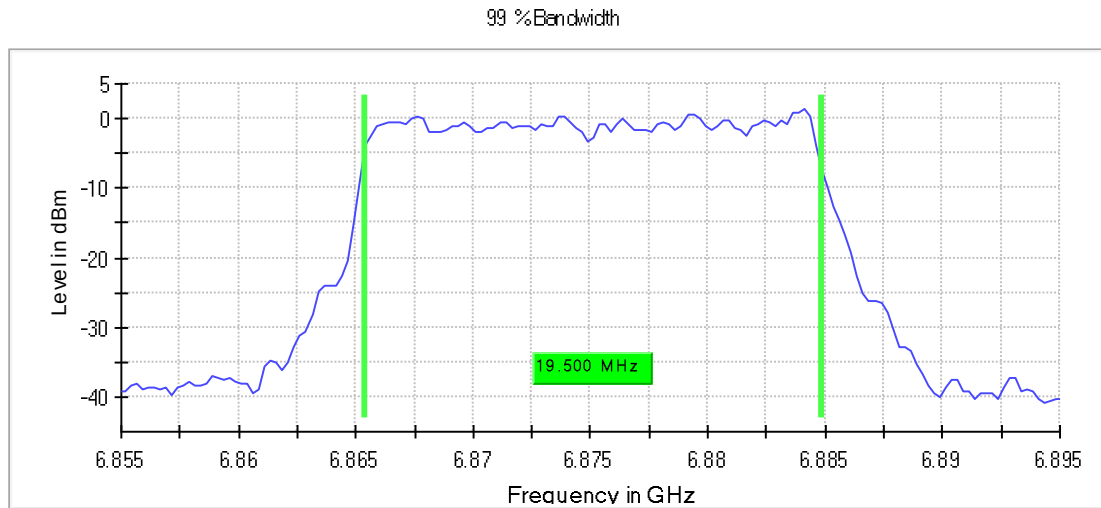


Occupied Channel Bandwidth 99% (6875 MHz; 24.000 dBm; 20 MHz)

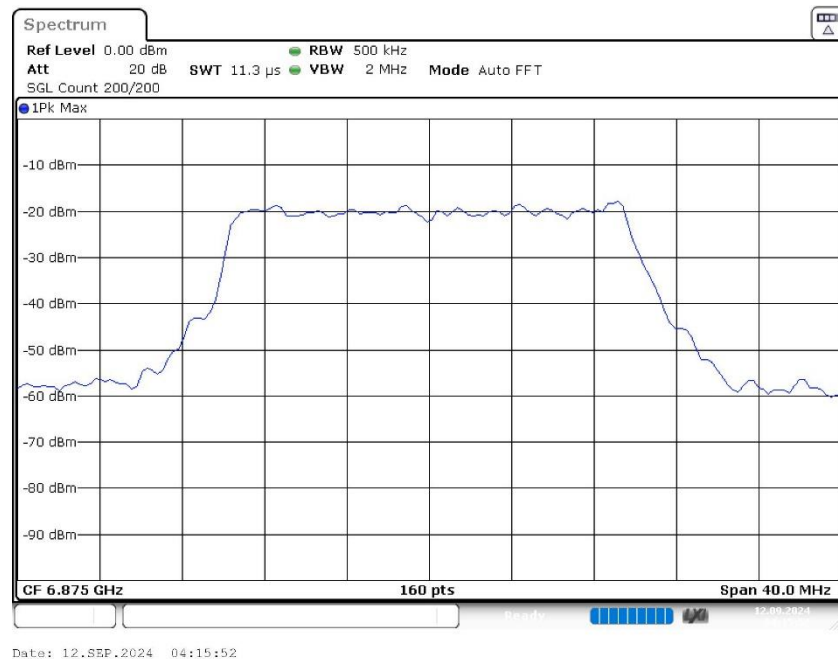
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	19.500000	9.625000	9.875000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6875.000000	6865.375000	5925.000000	6884.875000	7125.000000	PASS



Bandwidth



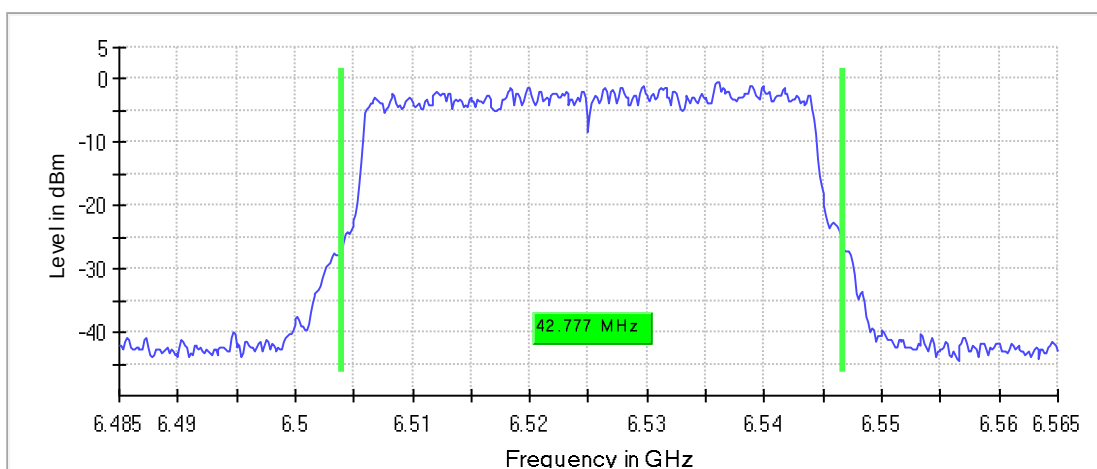
Emission Bandwidth 26 dB (6525 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

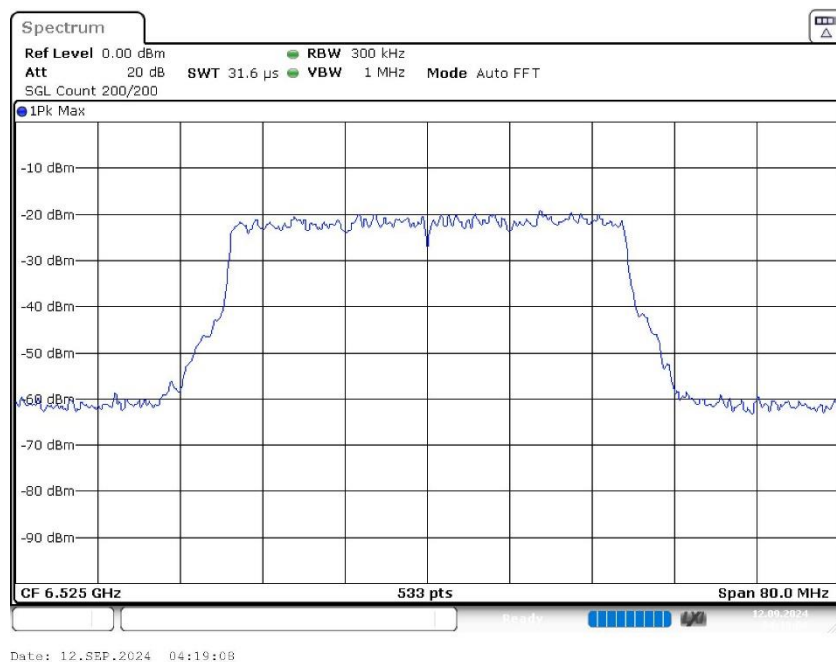
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6525.000000	42.776735	21.013133	21.763602	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6525.000000	6503.986867	---	6546.763602	---	-0.5	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6525.000000	PASS

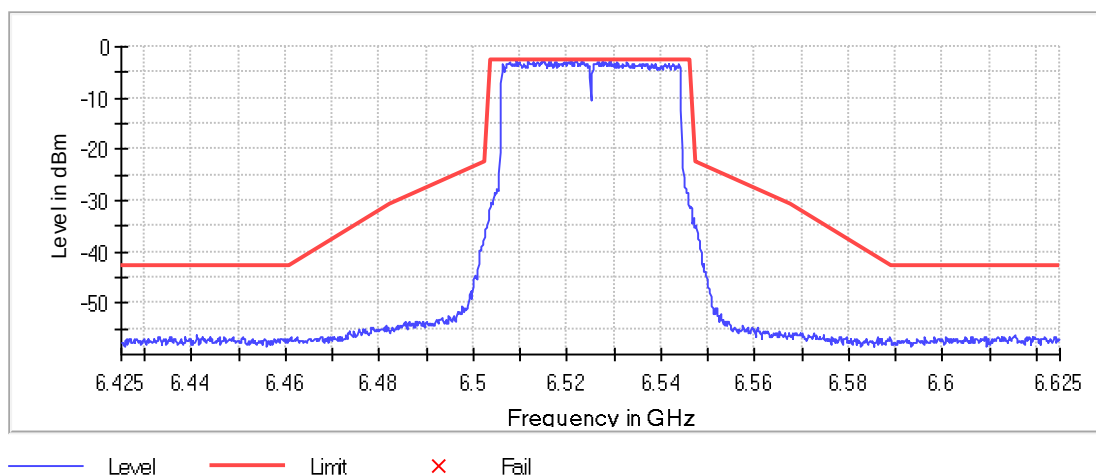
Inband Peak

Frequency (MHz)	Level (dBm)
6520.798950	-2.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6527.550638	-2.6	0.0	-2.6	PASS
6509.246062	-2.6	0.0	-2.6	PASS
6514.797449	-2.7	0.1	-2.6	PASS
6521.999250	-2.7	0.1	-2.6	PASS
6523.049512	-2.7	0.1	-2.6	PASS
6529.201050	-2.8	0.2	-2.6	PASS
6511.796699	-2.8	0.2	-2.6	PASS
6529.051013	-2.8	0.2	-2.6	PASS
6520.198800	-2.8	0.2	-2.6	PASS
6520.948987	-2.8	0.2	-2.6	PASS
6517.498125	-2.8	0.2	-2.6	PASS
6526.500375	-2.9	0.3	-2.6	PASS
6532.801950	-2.9	0.3	-2.6	PASS
6528.900975	-2.9	0.3	-2.6	PASS
6521.849212	-3.0	0.4	-2.6	PASS

In Band

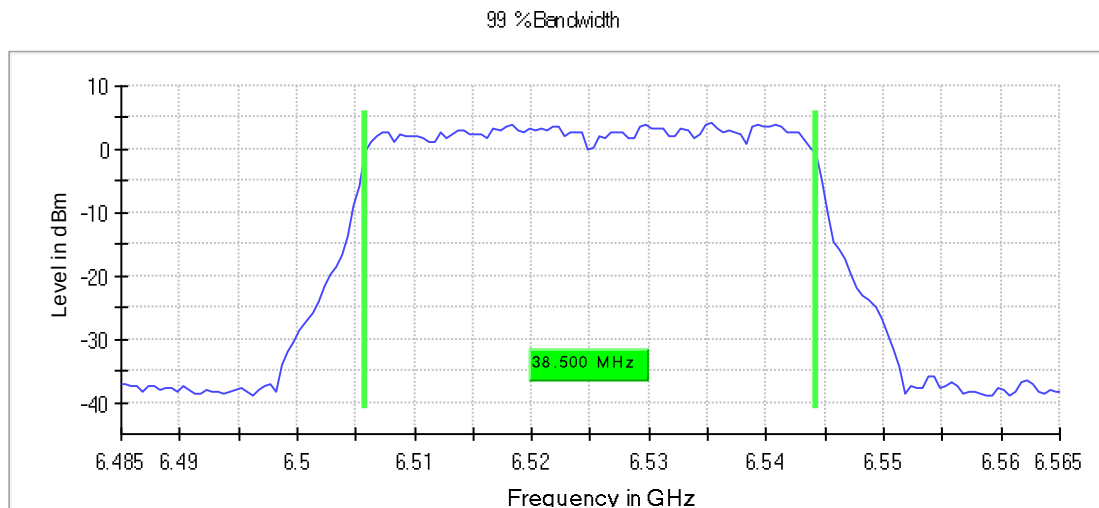


Occupied Channel Bandwidth 99% (6525 MHz; 24.000 dBm; 40 MHz)

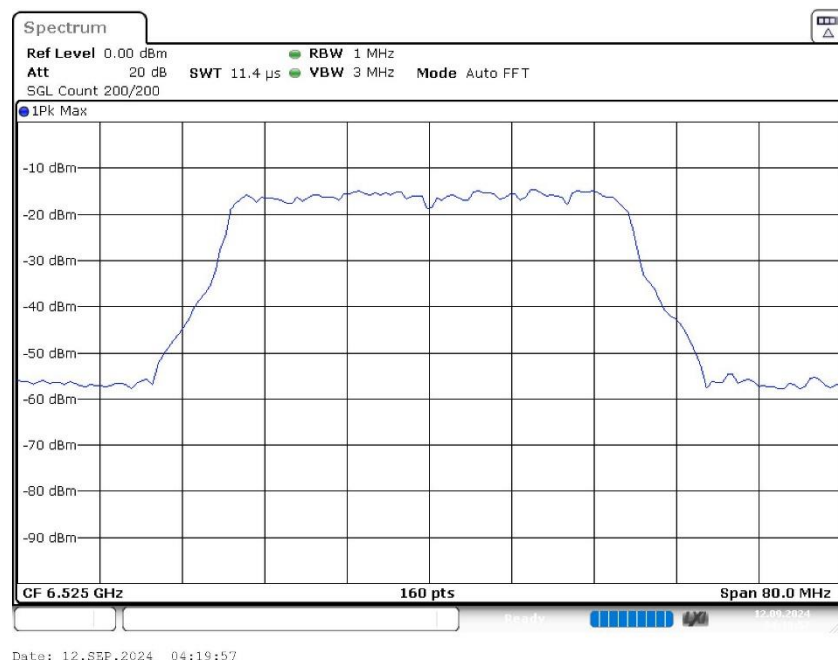
99 % Bandwidth

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

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



Bandwidth



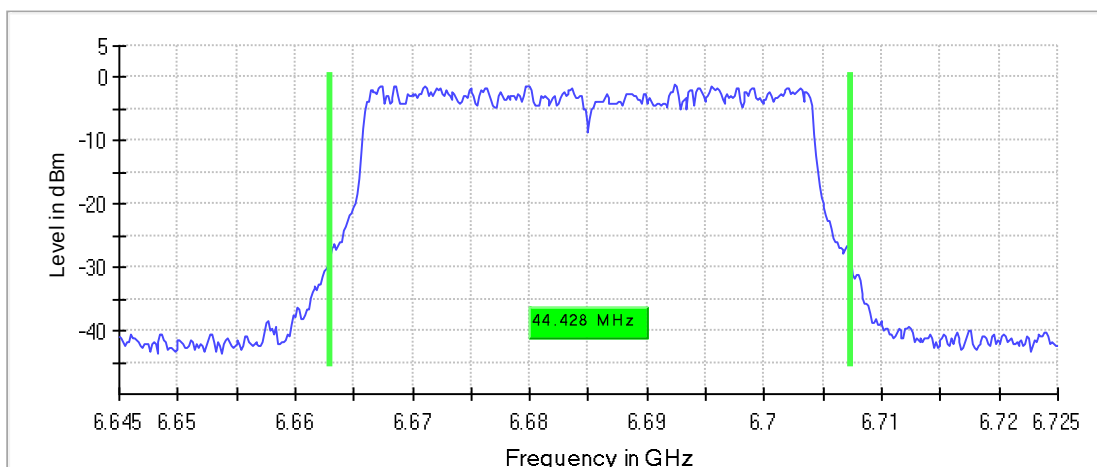
Emission Bandwidth 26 dB (6685 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

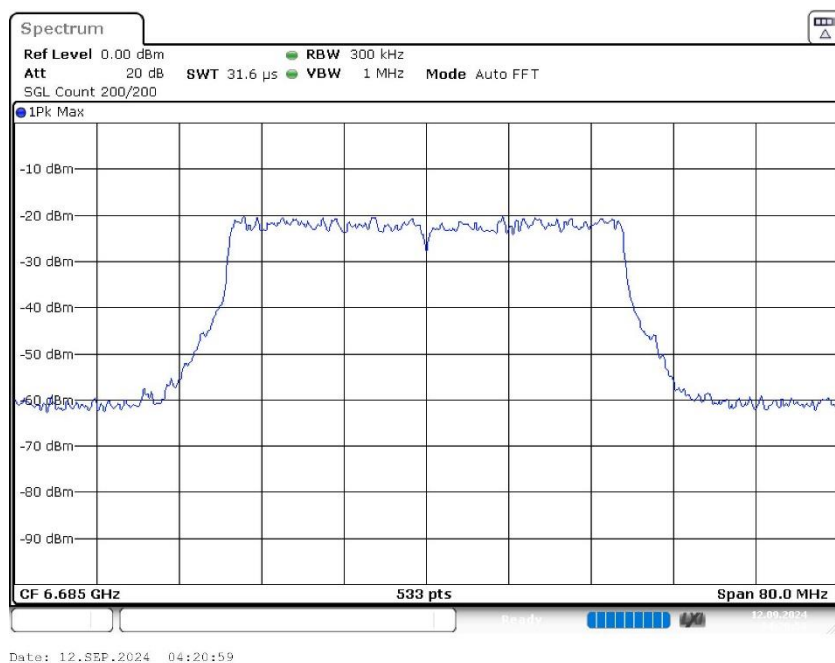
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6685.000000	44.427767	---	320.000000	6662.936210	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6685.000000	6707.363977	---	-1.2	PASS

26 dB Bandwidth



Bandwidth



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

Result

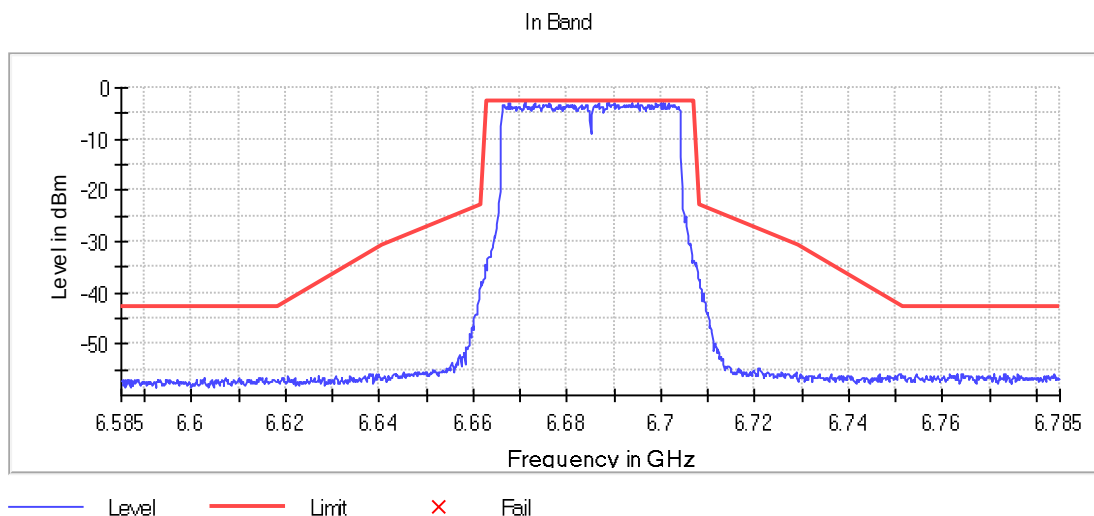
DUT Frequency (MHz)	Result
6685.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6671.046512	-2.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6688.900975	-2.8	0.1	-2.8	PASS
6693.852213	-2.8	0.1	-2.8	PASS
6700.453863	-2.9	0.1	-2.8	PASS
6698.953488	-2.9	0.1	-2.8	PASS
6701.504126	-3.0	0.2	-2.8	PASS
6667.595649	-3.0	0.2	-2.8	PASS
6676.297824	-3.0	0.3	-2.8	PASS
6695.052513	-3.1	0.3	-2.8	PASS
6700.753938	-3.1	0.3	-2.8	PASS
6689.951238	-3.1	0.3	-2.8	PASS
6667.745686	-3.1	0.4	-2.8	PASS
6701.654164	-3.1	0.4	-2.8	PASS
6700.003751	-3.1	0.4	-2.8	PASS
6686.650413	-3.2	0.4	-2.8	PASS
6673.147037	-3.2	0.4	-2.8	PASS

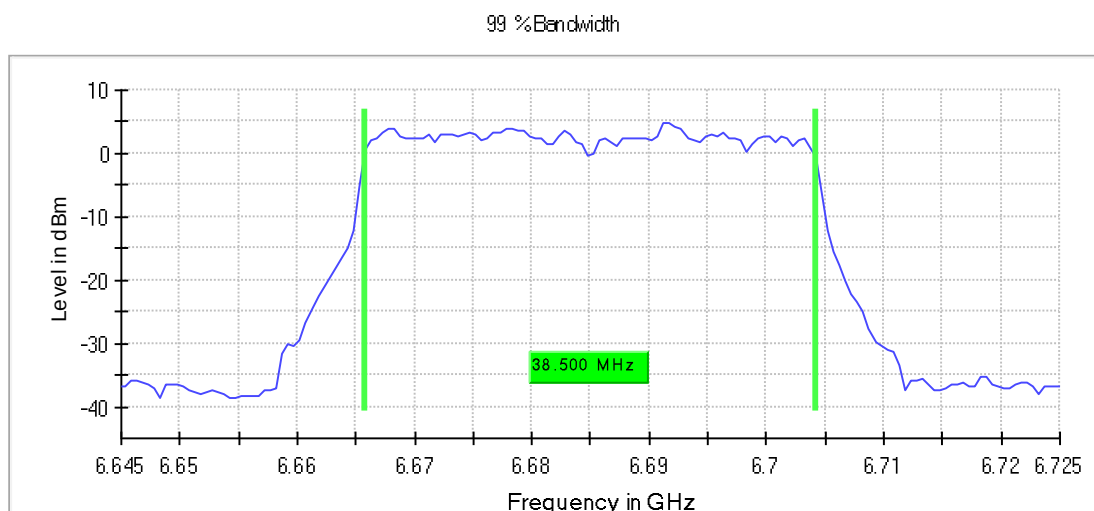


Occupied Channel Bandwidth 99% (6685 MHz; 24.000 dBm; 40 MHz)

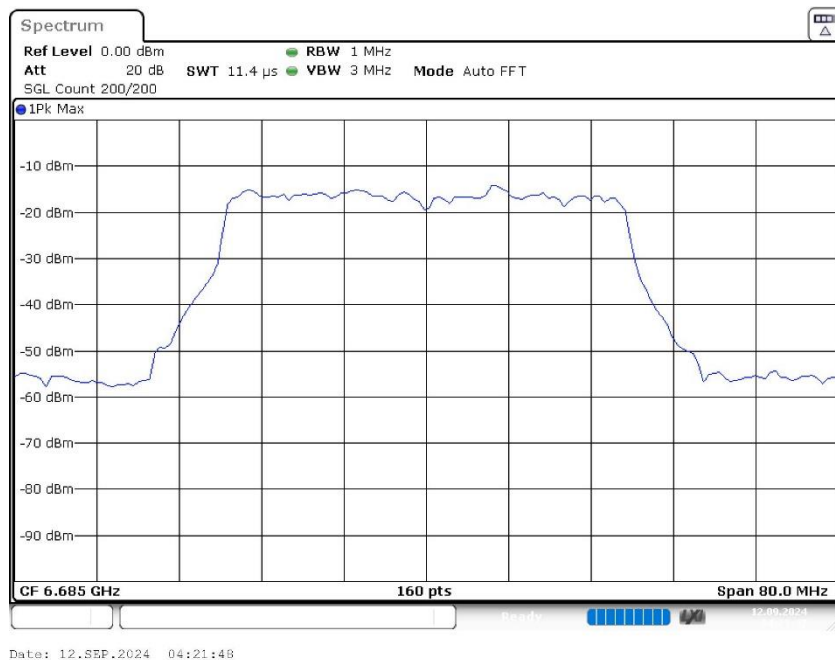
99 % Bandwidth

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

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



Bandwidth

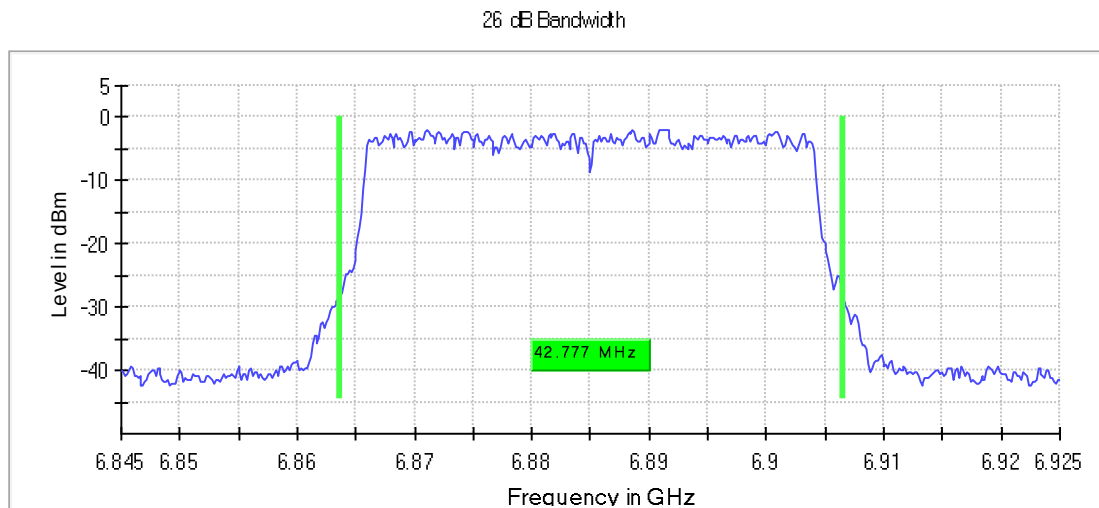


Emission Bandwidth 26 dB (6885 MHz; 24.000 dBm; 40 MHz)

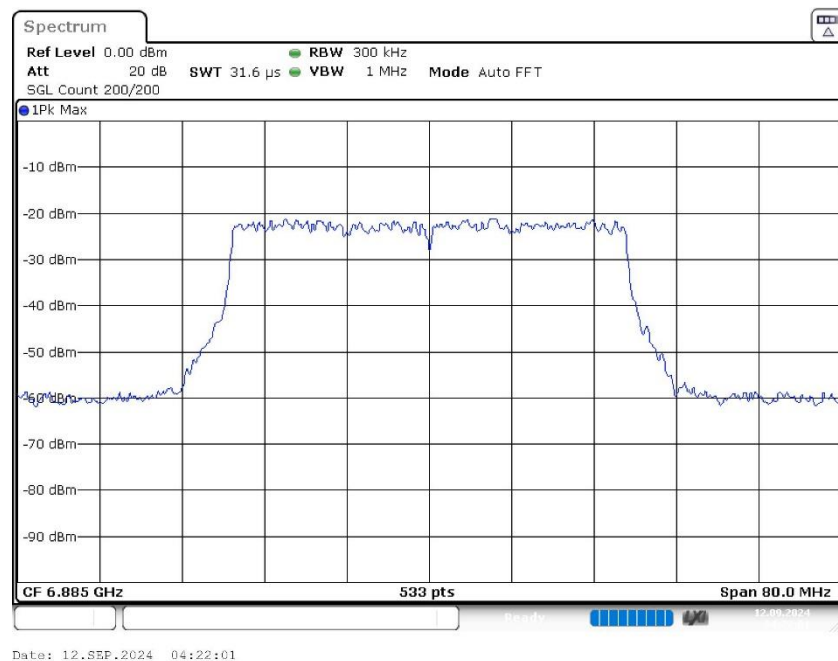
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	42.776736	11.313321	31.463415	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6885.000000	6863.686679	---	6906.463415	---	-1.9	PASS



Bandwidth



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

Result

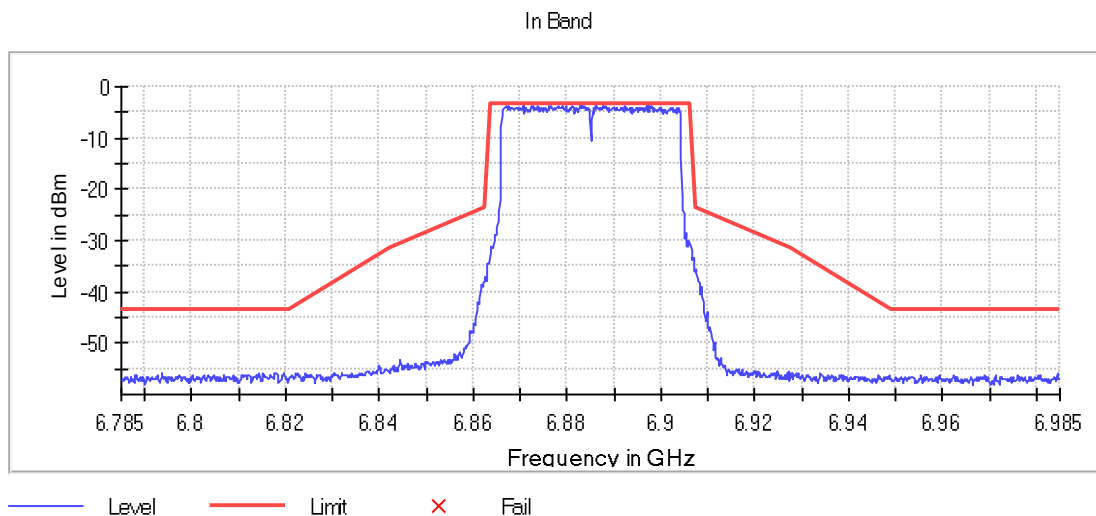
DUT Frequency (MHz)	Result
6885.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6870.596399	-3.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6870.596399	-3.5	0.0	-3.5	PASS
6883.199550	-3.5	0.0	-3.5	PASS
6897.003001	-3.5	0.1	-3.5	PASS
6886.200300	-3.5	0.1	-3.5	PASS
6878.998500	-3.6	0.1	-3.5	PASS
6881.099025	-3.6	0.2	-3.5	PASS
6866.995499	-3.6	0.2	-3.5	PASS
6881.249062	-3.7	0.2	-3.5	PASS
6882.749437	-3.7	0.2	-3.5	PASS
6872.396849	-3.7	0.3	-3.5	PASS
6898.053263	-3.8	0.3	-3.5	PASS
6867.145536	-3.8	0.3	-3.5	PASS
6876.747937	-3.8	0.3	-3.5	PASS
6867.595649	-3.8	0.4	-3.5	PASS
6897.153038	-3.8	0.4	-3.5	PASS

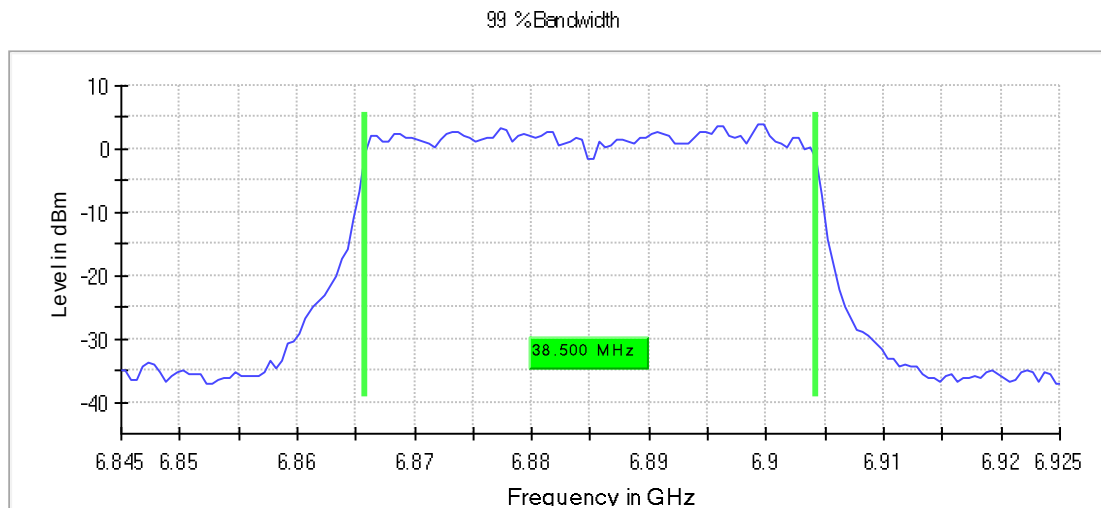


Occupied Channel Bandwidth 99% (6885 MHz; 24.000 dBm; 40 MHz)

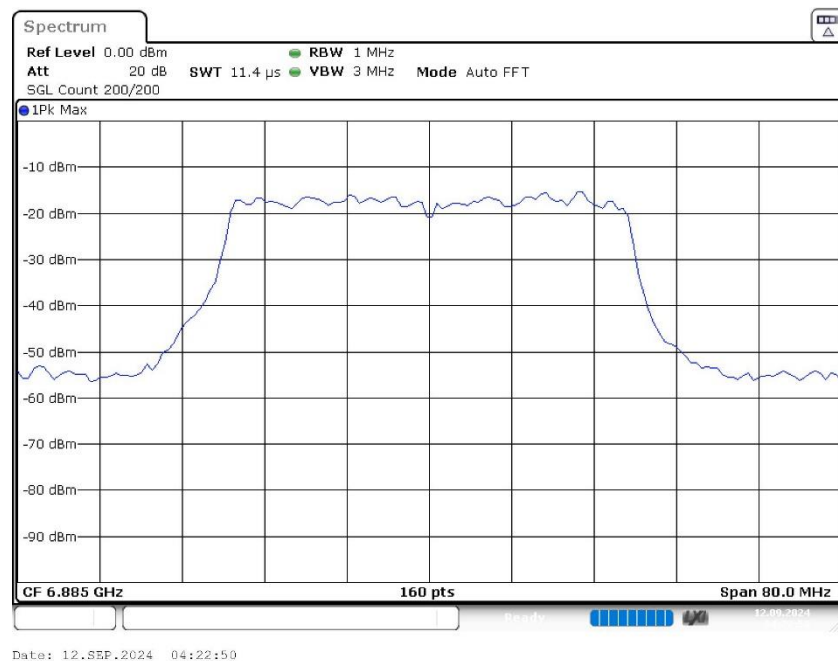
99 % Bandwidth

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

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



Bandwidth



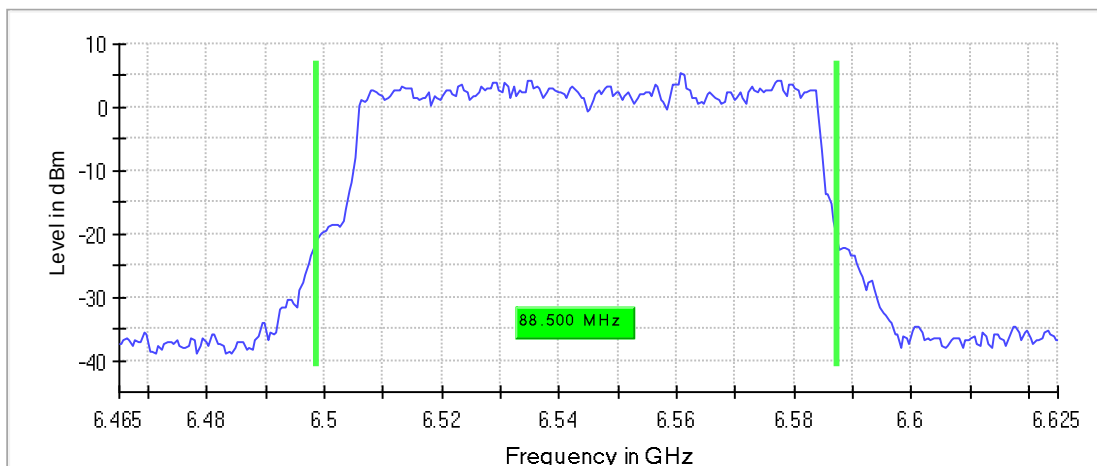
Emission Bandwidth 26 dB (6545 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

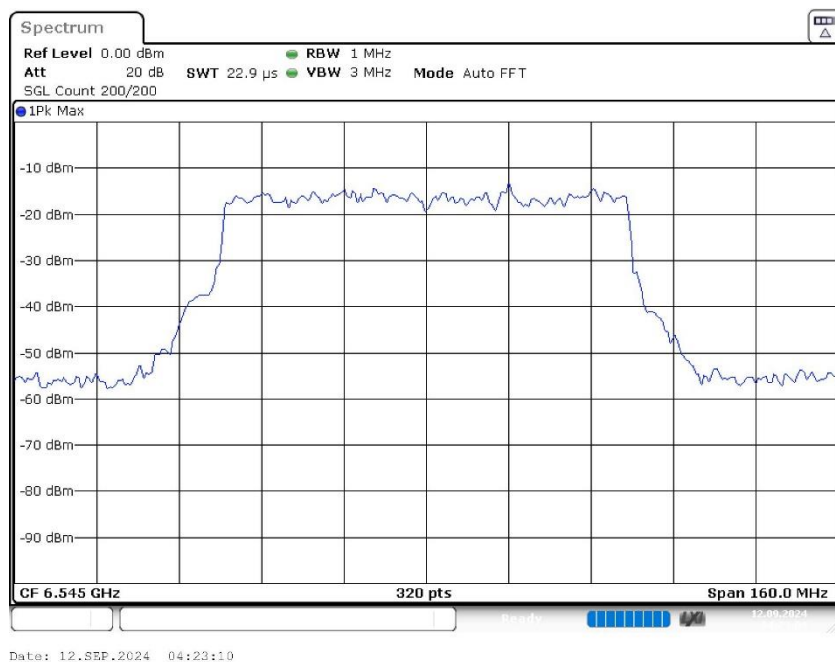
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	88.500000	26.250000	62.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6545.000000	6498.750000	---	6587.250000	---	5.3	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6545.000000	PASS

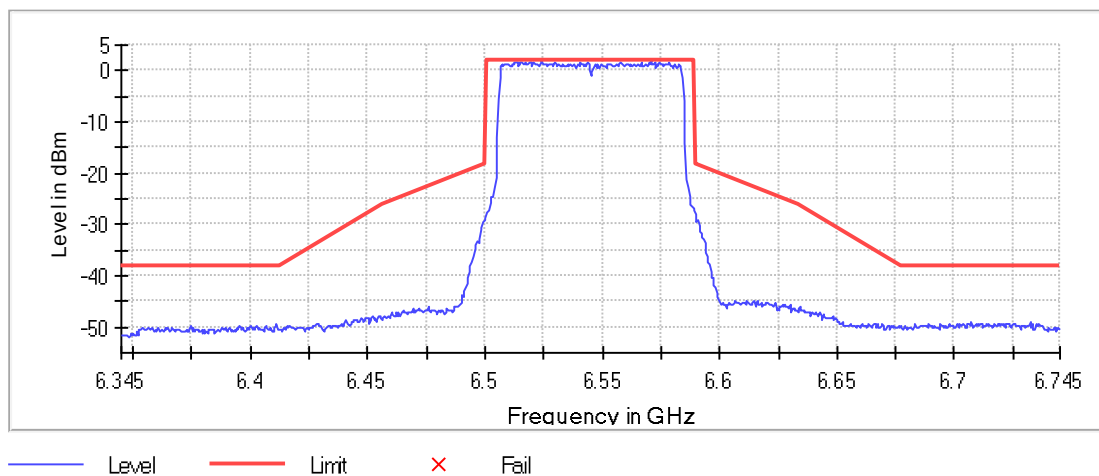
Inband Peak

Frequency (MHz)	Level (dBm)
6524.250000	1.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6570.750000	1.9	0.1	1.9	PASS
6513.750000	1.7	0.2	1.9	PASS
6519.250000	1.7	0.3	1.9	PASS
6523.750000	1.6	0.3	1.9	PASS
6529.750000	1.6	0.3	1.9	PASS
6515.250000	1.6	0.3	1.9	PASS
6515.750000	1.6	0.3	1.9	PASS
6513.250000	1.6	0.4	1.9	PASS
6517.250000	1.6	0.4	1.9	PASS
6540.750000	1.5	0.4	1.9	PASS
6557.750000	1.5	0.4	1.9	PASS
6543.750000	1.5	0.4	1.9	PASS
6520.750000	1.5	0.4	1.9	PASS
6572.250000	1.5	0.4	1.9	PASS
6519.750000	1.5	0.4	1.9	PASS

In Band



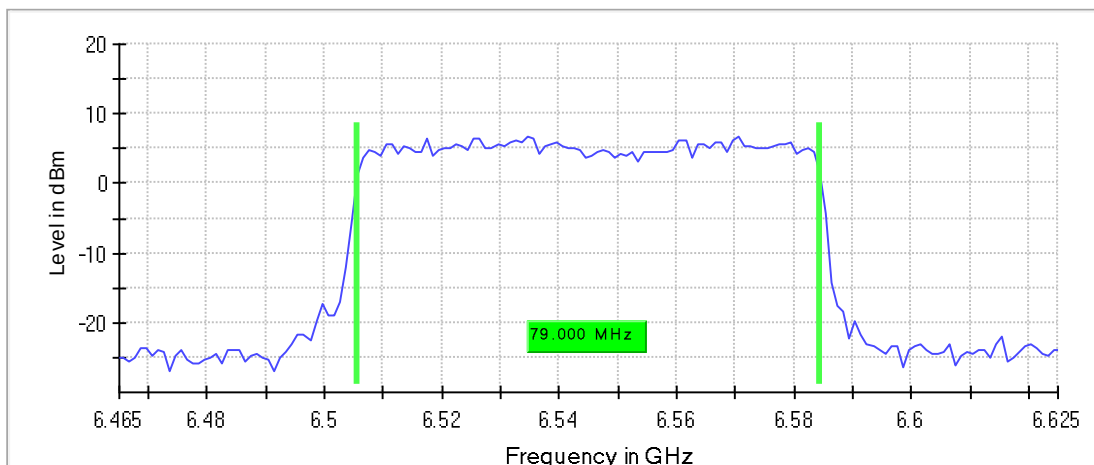
Occupied Channel Bandwidth 99% (6545 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

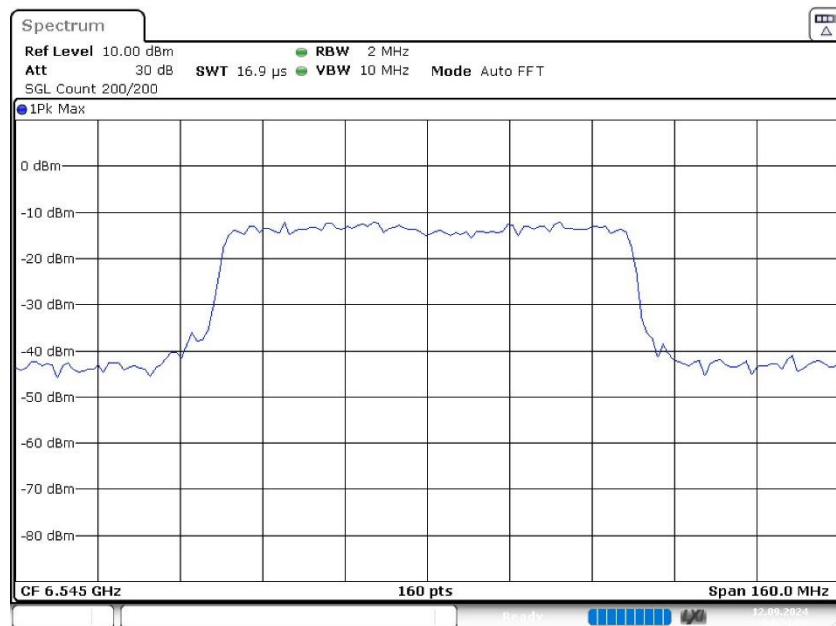
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	79.000000	19.500000	59.500000	---	320.000000

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

99 %Bandwidth



Bandwidth

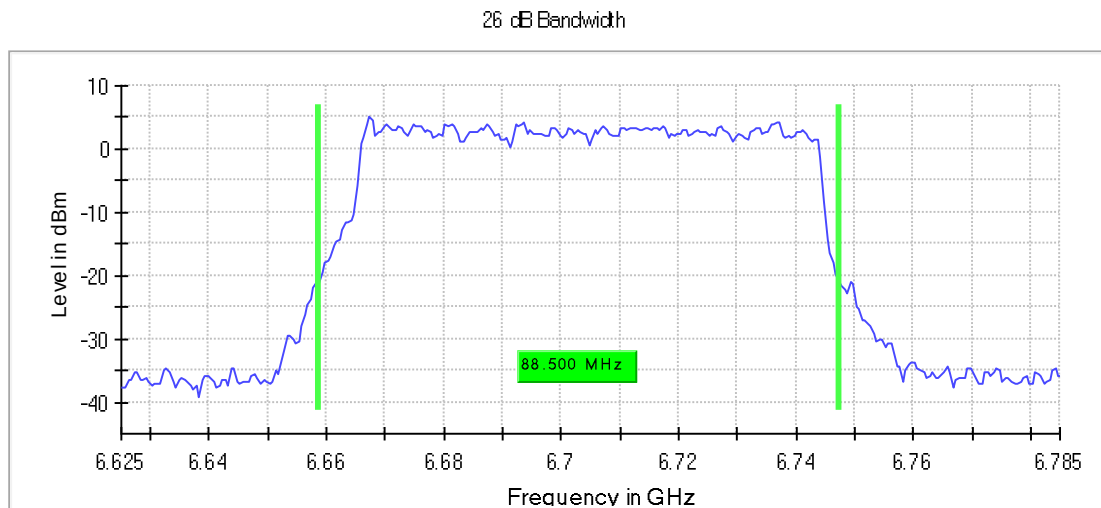


Emission Bandwidth 26 dB (6705 MHz; 24.000 dBm; 80 MHz)

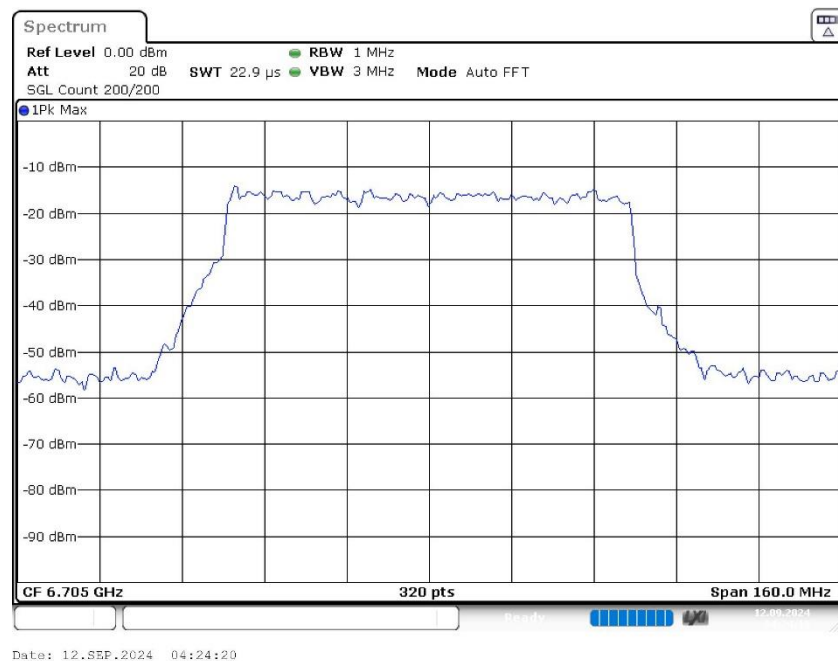
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6705.000000	88.500000	---	320.000000	6658.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6705.000000	6747.250000	---	5.0	PASS



Bandwidth



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

Result

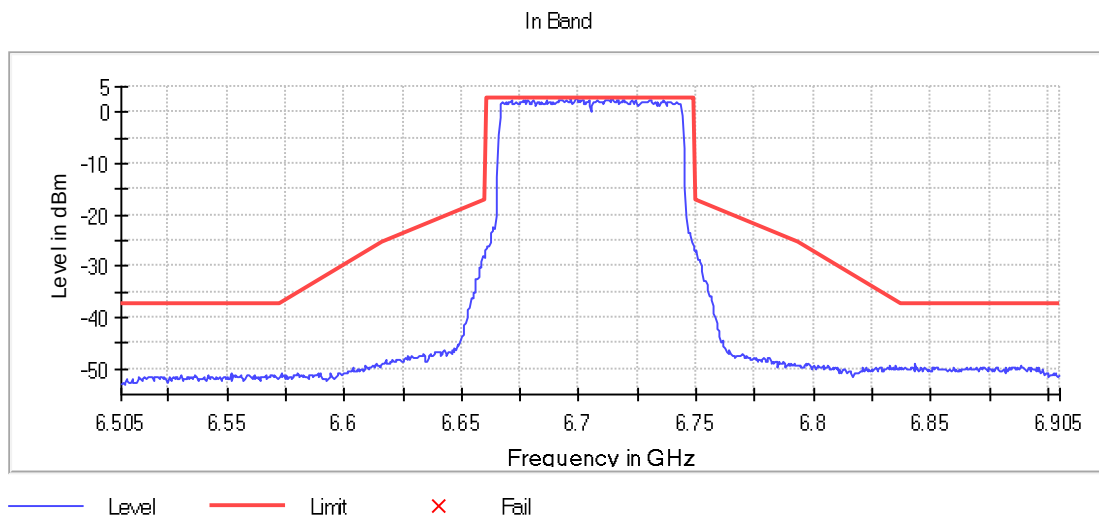
DUT Frequency (MHz)	Result
6705.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6713.750000	2.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6713.750000	2.7	0.0	2.7	PASS
6714.250000	2.6	0.1	2.7	PASS
6698.750000	2.6	0.1	2.7	PASS
6696.750000	2.6	0.1	2.7	PASS
6712.750000	2.5	0.2	2.7	PASS
6711.250000	2.5	0.2	2.7	PASS
6718.750000	2.5	0.2	2.7	PASS
6707.750000	2.5	0.2	2.7	PASS
6671.250000	2.5	0.2	2.7	PASS
6691.750000	2.5	0.2	2.7	PASS
6700.250000	2.5	0.2	2.7	PASS
6712.250000	2.4	0.3	2.7	PASS
6730.250000	2.4	0.3	2.7	PASS
6724.250000	2.4	0.3	2.7	PASS
6708.250000	2.4	0.3	2.7	PASS

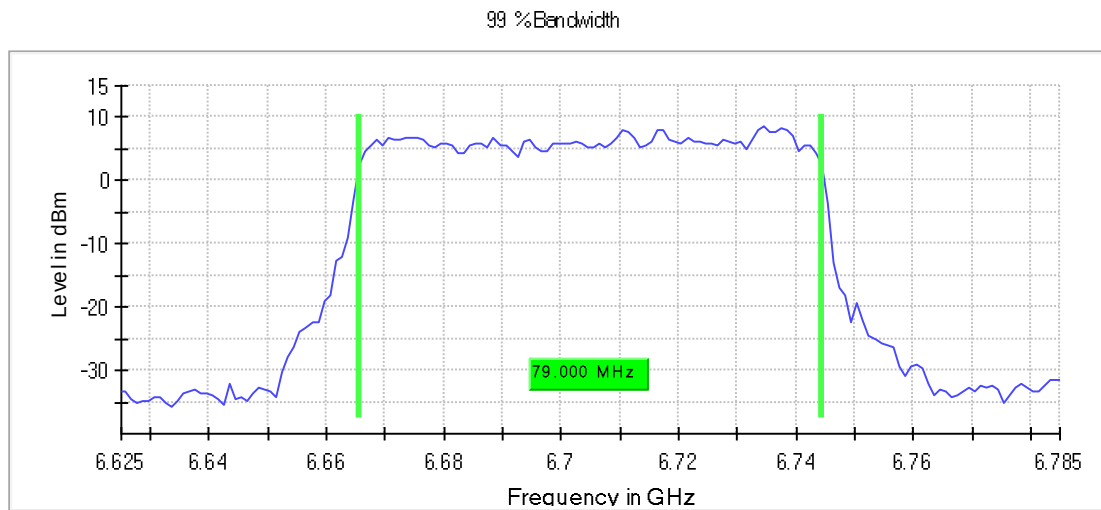


Occupied Channel Bandwidth 99% (6705 MHz; 24.000 dBm; 80 MHz)

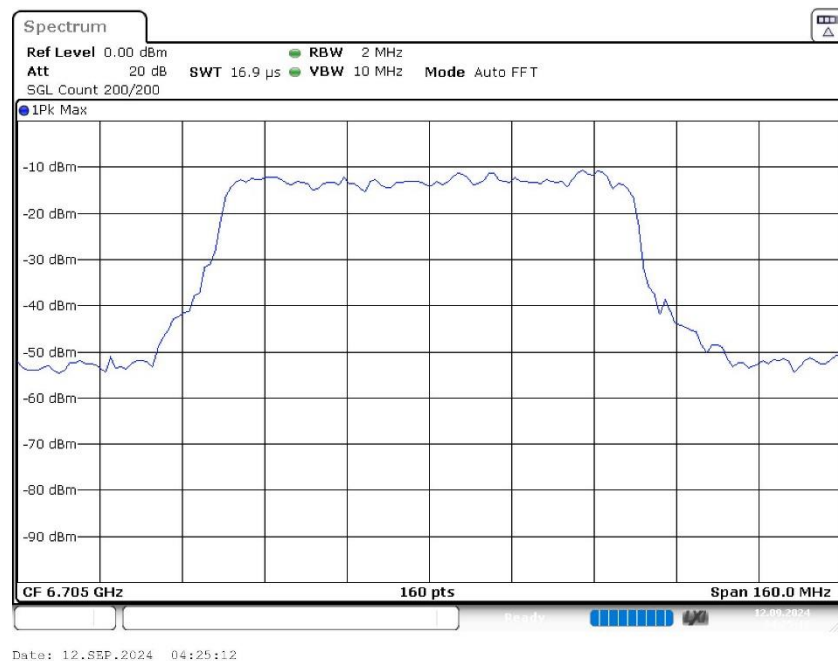
99 % Bandwidth

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

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



Bandwidth



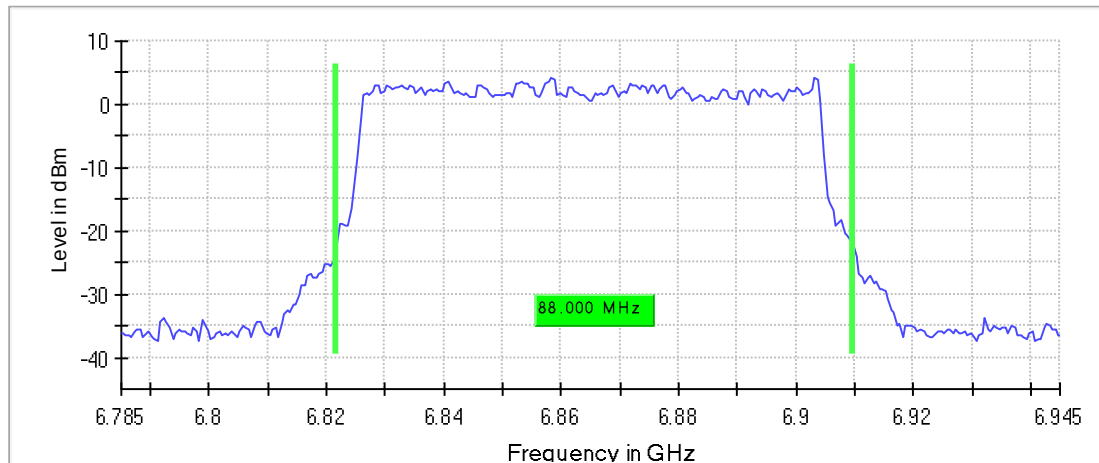
Emission Bandwidth 26 dB (6865 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

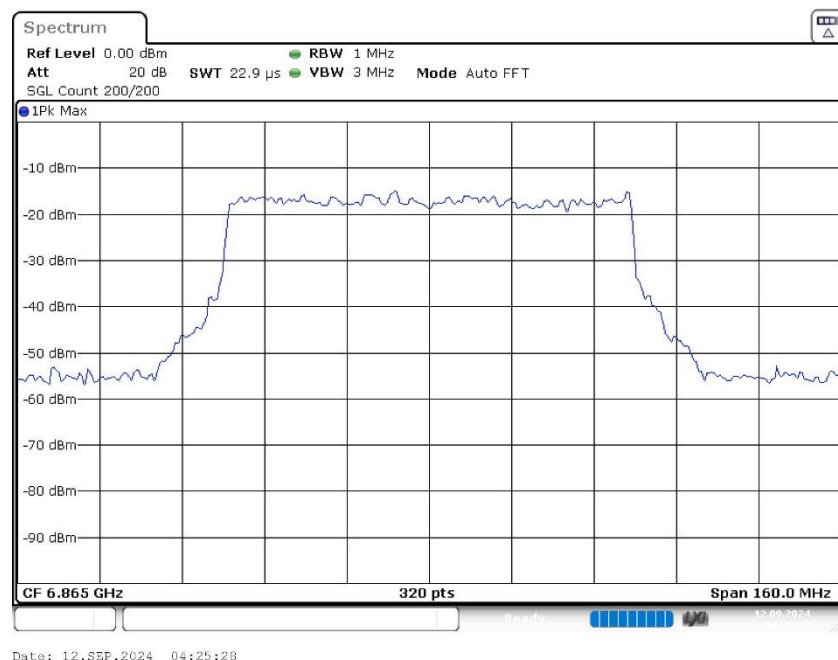
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	88.000000	53.250000	34.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6865.000000	6821.750000	---	6909.750000	---	4.2	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6865.000000	PASS

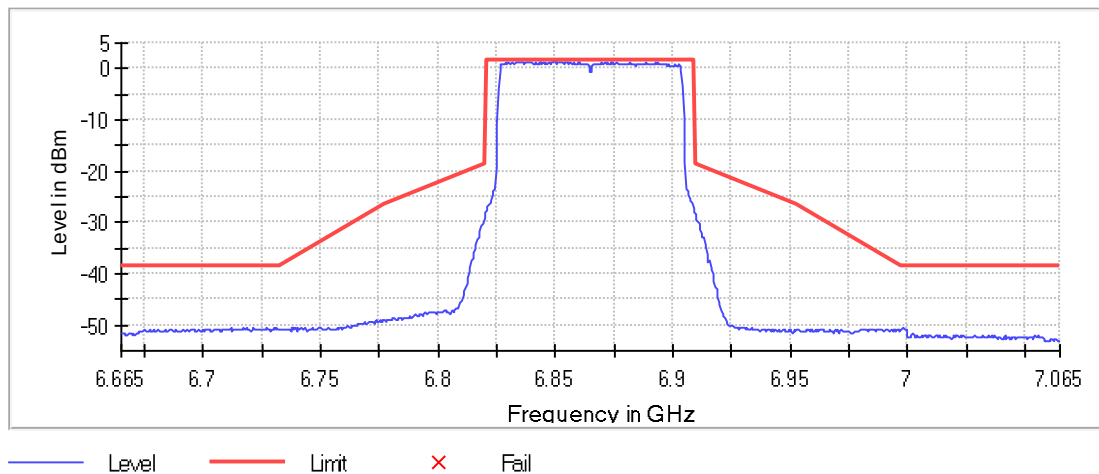
Inband Peak

Frequency (MHz)	Level (dBm)
6849.750000	1.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6838.750000	1.4	0.1	1.5	PASS
6856.750000	1.3	0.1	1.5	PASS
6847.250000	1.3	0.2	1.5	PASS
6836.250000	1.3	0.2	1.5	PASS
6852.750000	1.3	0.2	1.5	PASS
6834.750000	1.3	0.2	1.5	PASS
6855.250000	1.3	0.2	1.5	PASS
6830.250000	1.3	0.2	1.5	PASS
6892.750000	1.3	0.2	1.5	PASS
6845.750000	1.2	0.2	1.5	PASS
6848.250000	1.2	0.2	1.5	PASS
6835.750000	1.2	0.2	1.5	PASS
6828.750000	1.2	0.2	1.5	PASS
6850.750000	1.2	0.2	1.5	PASS
6849.250000	1.2	0.3	1.5	PASS

In Band



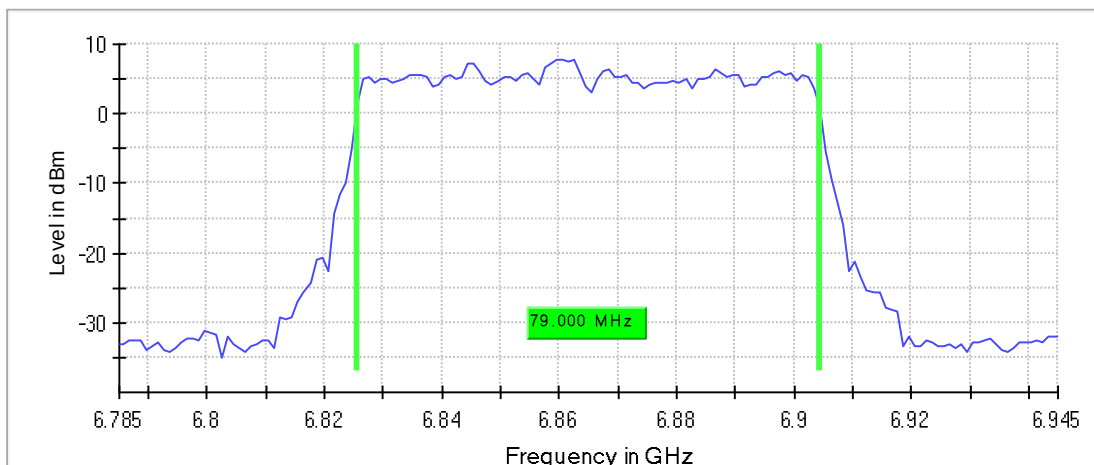
Occupied Channel Bandwidth 99% (6865 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

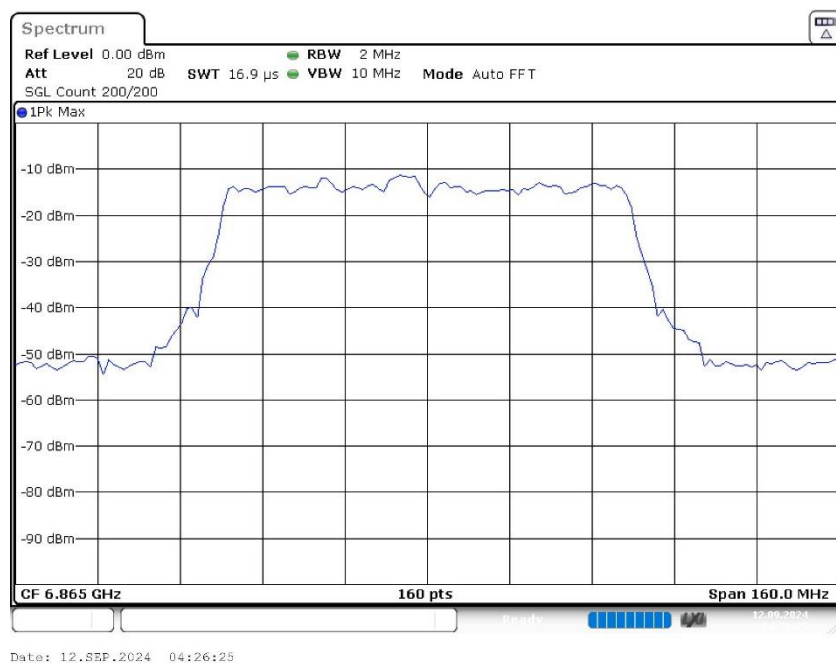
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	79.000000	49.500000	29.500000	---	320.000000

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

99 %Bandwidth



Bandwidth

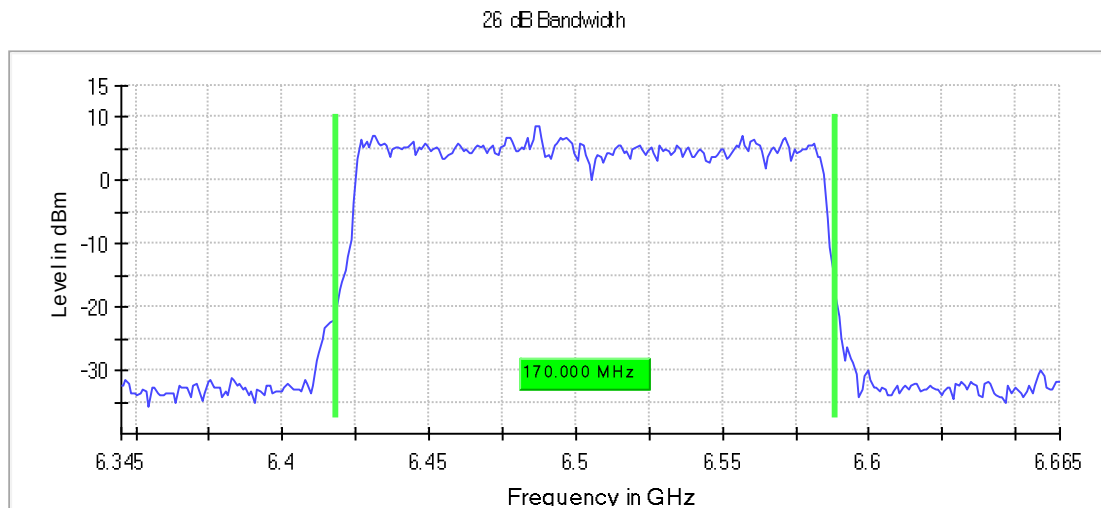


Emission Bandwidth 26 dB (6505 MHz; 24.000 dBm; 160 MHz)

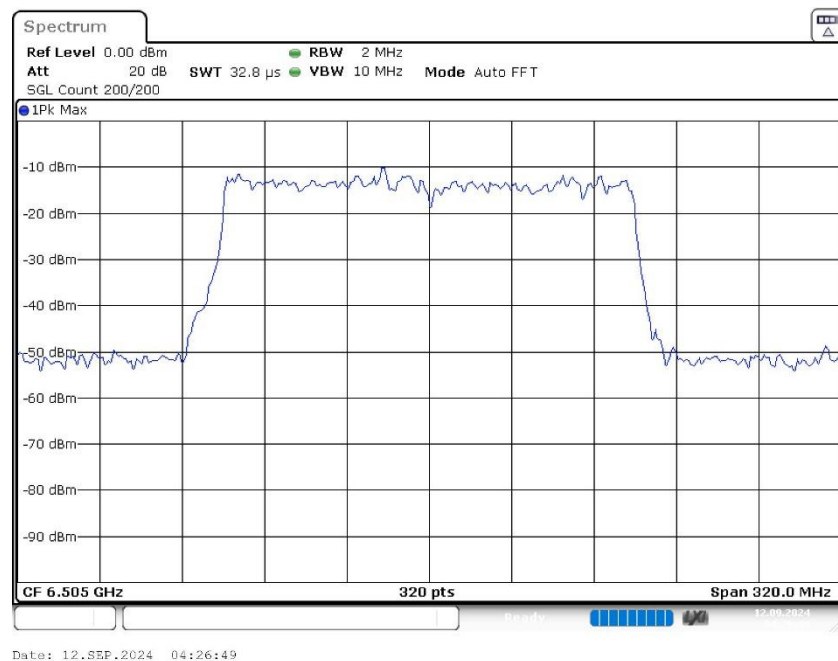
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	170.000000	106.500000	63.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6505.000000	6418.500000	---	6588.500000	---	8.6	PASS



Bandwidth



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

Result

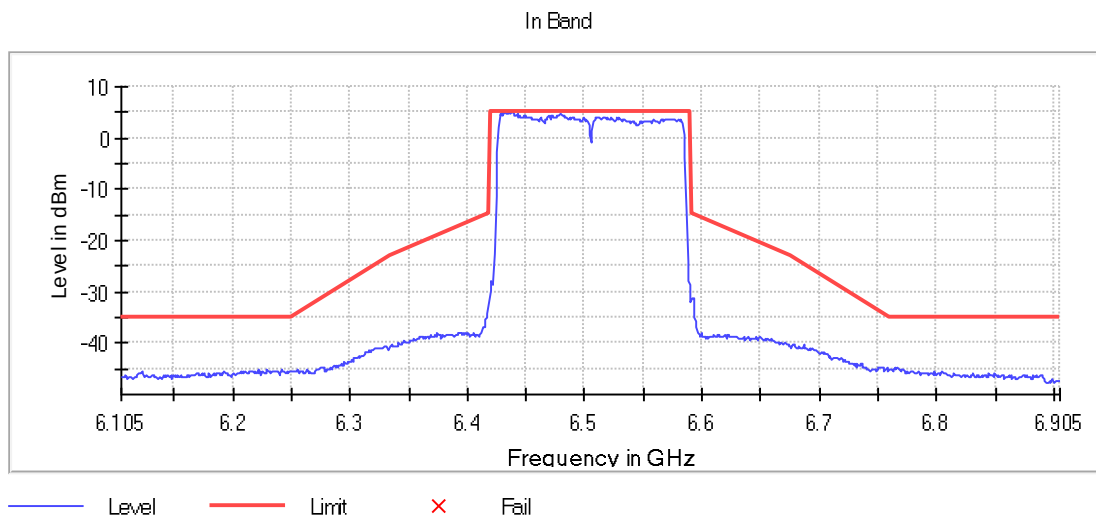
DUT Frequency (MHz)	Result
6505.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6431.500000	5.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6431.500000	5.2	0.0	5.2	PASS
6429.500000	5.0	0.1	5.2	PASS
6435.500000	5.0	0.2	5.2	PASS
6437.500000	5.0	0.2	5.2	PASS
6438.500000	5.0	0.2	5.2	PASS
6434.500000	4.9	0.3	5.2	PASS
6432.500000	4.8	0.3	5.2	PASS
6433.500000	4.7	0.5	5.2	PASS
6427.500000	4.7	0.5	5.2	PASS
6436.500000	4.7	0.5	5.2	PASS
6439.500000	4.6	0.6	5.2	PASS
6479.500000	4.6	0.6	5.2	PASS
6442.500000	4.6	0.6	5.2	PASS
6472.500000	4.5	0.7	5.2	PASS
6430.500000	4.5	0.7	5.2	PASS

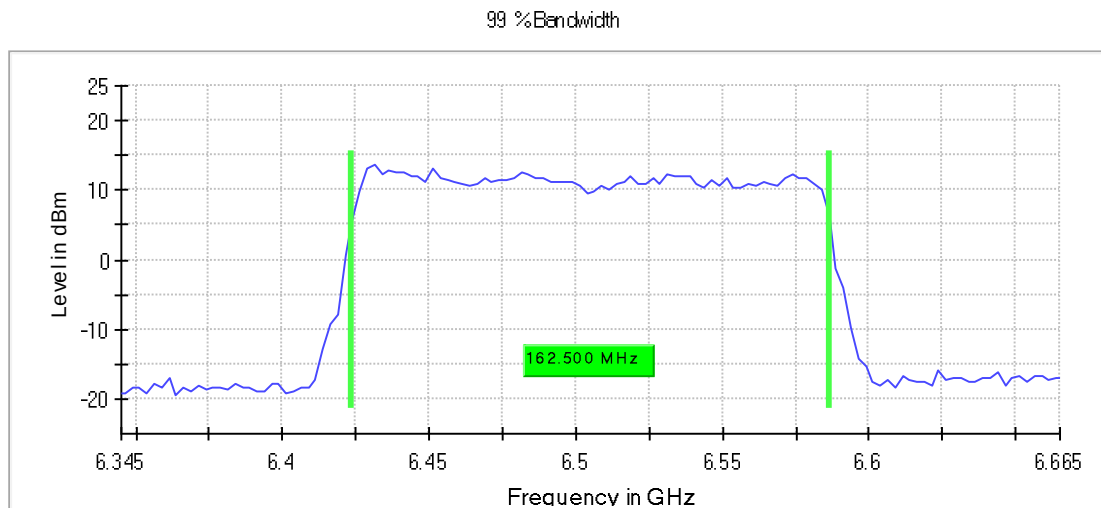


Occupied Channel Bandwidth 99% (6505 MHz; 24.000 dBm; 160 MHz)

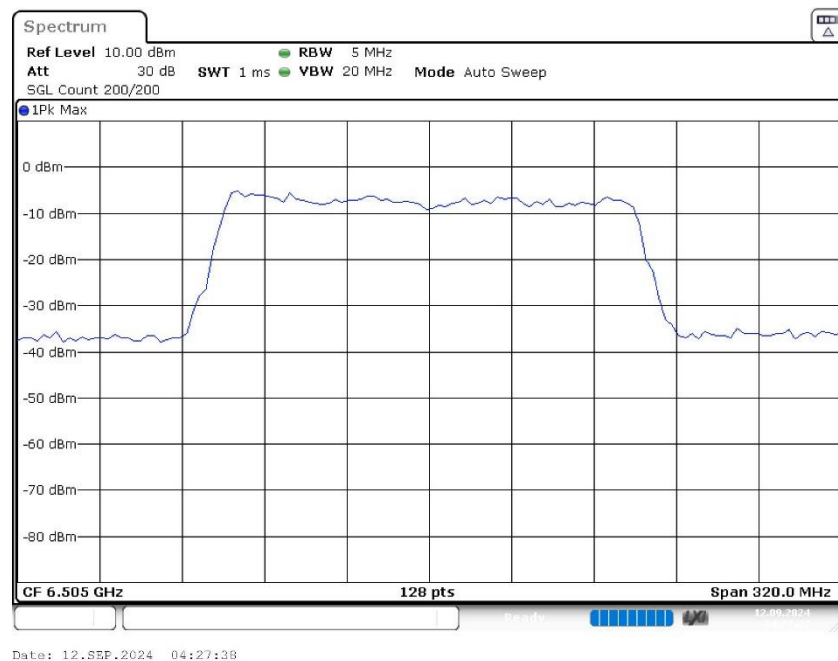
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	162.500000	101.250000	61.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6505.000000	6423.750000	5925.000000	6586.250000	7125.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

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

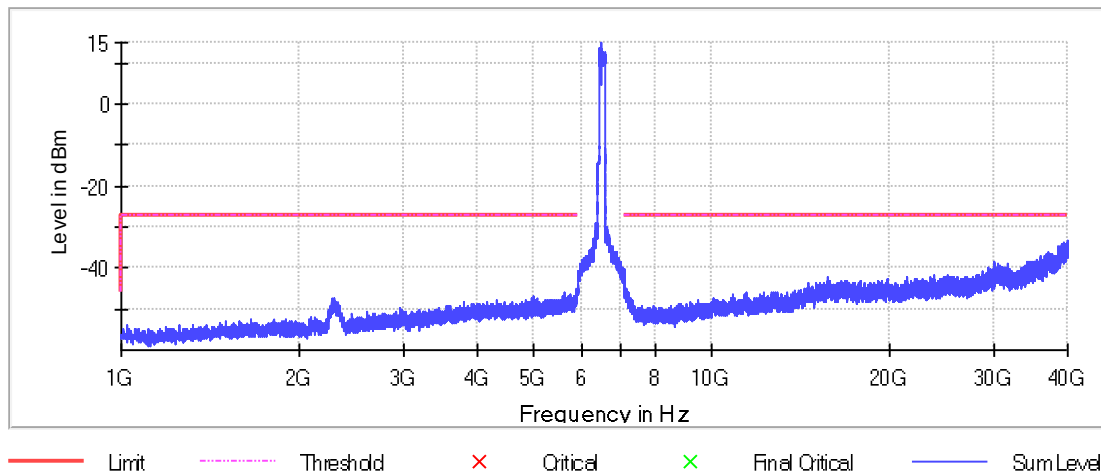
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39943.250000	-33.1	6.1	-27.0
39949.750000	-33.5	6.5	-27.0
39954.250000	-33.5	6.5	-27.0
39384.250000	-33.6	6.6	-27.0
39931.250000	-33.7	6.7	-27.0
39964.250000	-33.8	6.8	-27.0
39996.250000	-33.9	6.9	-27.0
39983.750000	-33.9	6.9	-27.0
39975.750000	-33.9	6.9	-27.0
39952.250000	-34.0	7.0	-27.0
39265.750000	-34.0	7.0	-27.0
39947.750000	-34.1	7.1	-27.0
39989.250000	-34.1	7.1	-27.0
39971.250000	-34.1	7.1	-27.0
39963.250000	-34.1	7.1	-27.0

Measurement Settings

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

Spurious



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

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

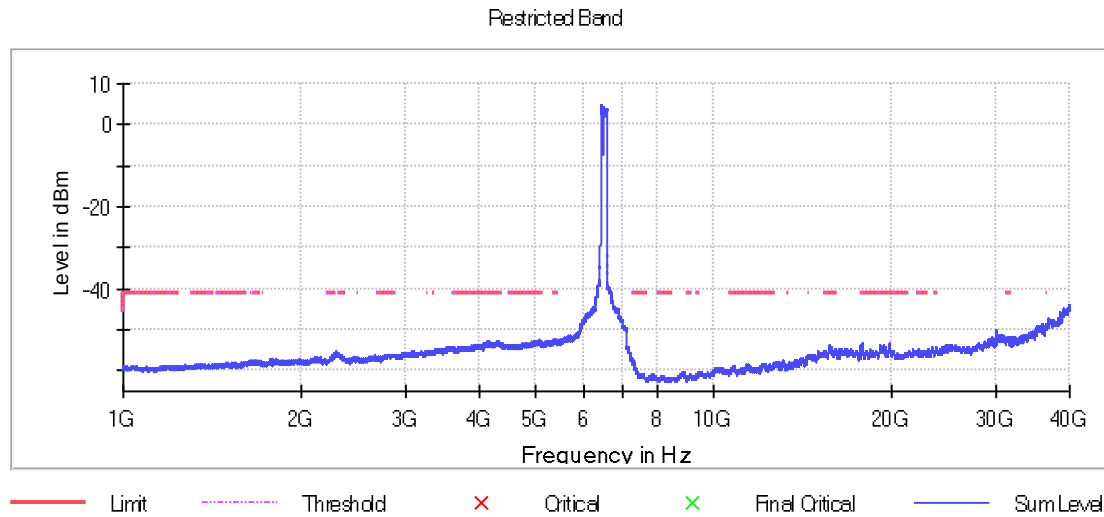
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36497.640699	-49.1	7.9	-41.2
36480.453736	-49.1	7.9	-41.2
36494.203306	-49.1	7.9	-41.2
36481.828693	-49.2	8.0	-41.2
36479.766257	-49.2	8.0	-41.2
36477.016343	-49.3	8.1	-41.2
36489.390957	-49.3	8.1	-41.2
36485.953564	-49.3	8.1	-41.2
36479.078779	-49.3	8.1	-41.2
36440.579982	-49.3	8.1	-41.2
36498.328177	-49.3	8.1	-41.2
36477.703822	-49.3	8.1	-41.2
36471.516515	-49.3	8.1	-41.2
36496.265742	-49.3	8.1	-41.2
36487.328521	-49.3	8.1	-41.2

Measurement Settings

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



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

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

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

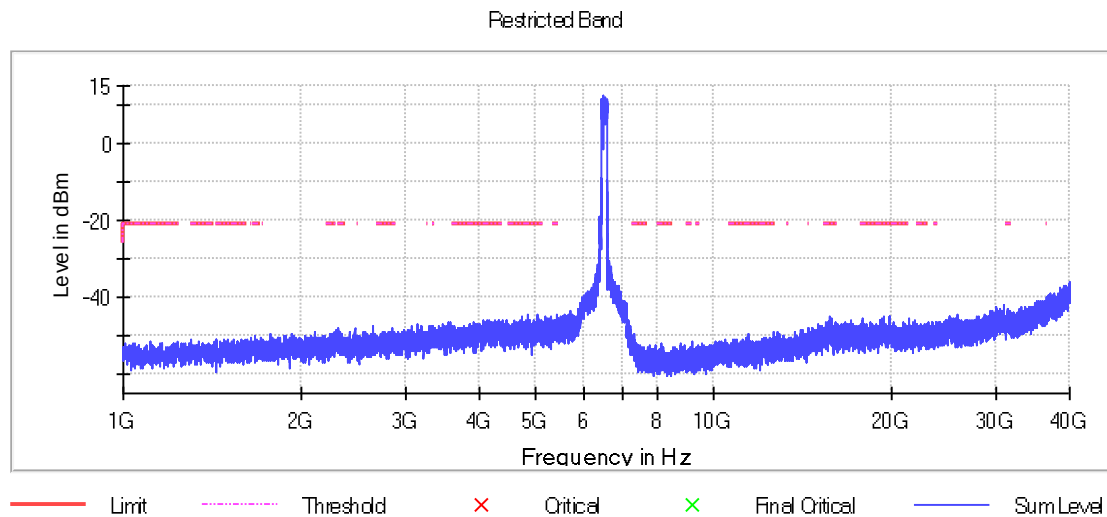
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36439.205025	-41.0	19.8	-21.2
36490.765914	-41.1	19.9	-21.2
36445.392331	-41.4	20.2	-21.2
36446.079810	-41.6	20.4	-21.2
36469.454080	-41.8	20.6	-21.2
36487.328521	-42.1	20.9	-21.2
36462.579294	-42.3	21.1	-21.2
36467.391644	-42.3	21.1	-21.2
36457.766945	-42.3	21.1	-21.2
36433.017718	-42.4	21.2	-21.2
36494.890785	-42.4	21.2	-21.2
36448.829724	-42.4	21.2	-21.2
36495.578263	-42.4	21.2	-21.2
36485.266085	-42.5	21.3	-21.2
36461.891816	-42.6	21.4	-21.2

Measurement Settings

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

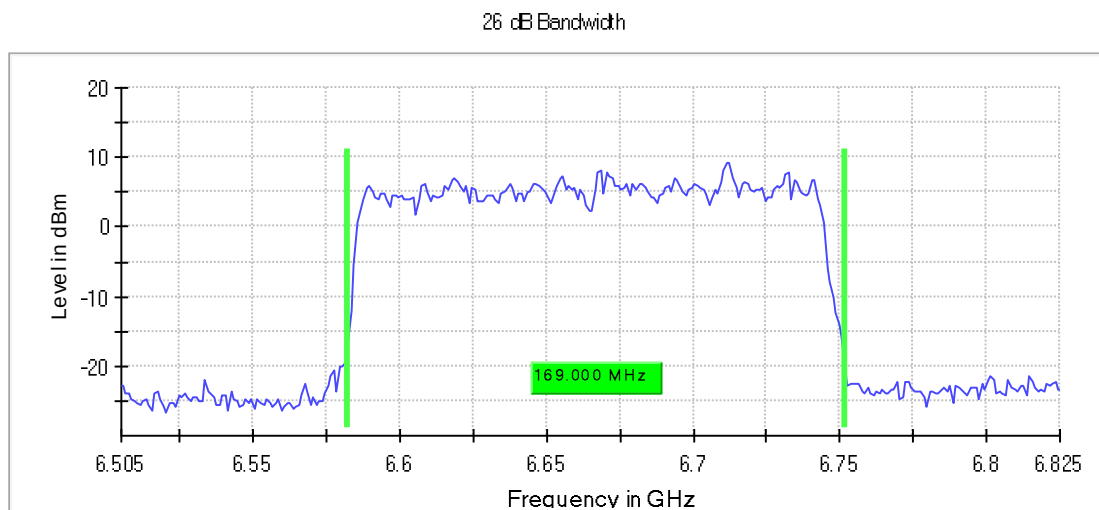


Emission Bandwidth 26 dB (6665 MHz; 24.000 dBm; 160 MHz)

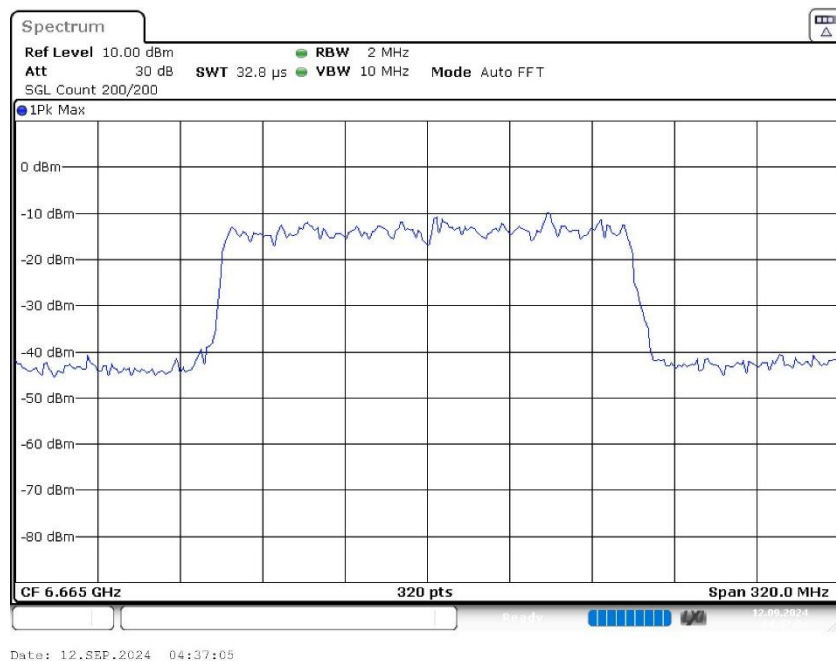
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6665.000000	169.000000	---	320.000000	6582.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6665.000000	6751.500000	---	9.3	PASS



Bandwidth



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

Result

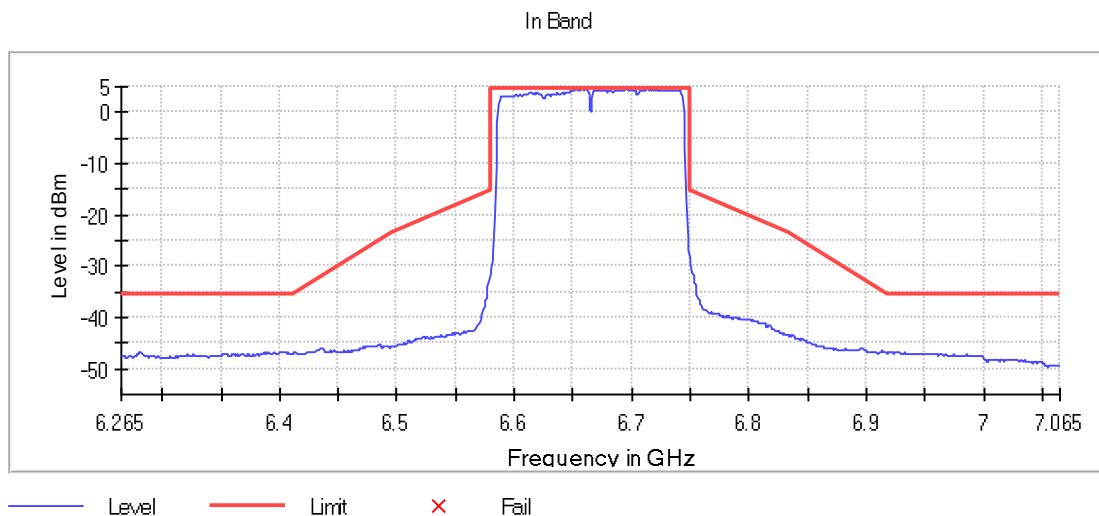
DUT Frequency (MHz)	Result
6665.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6655.500000	4.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6655.500000	4.6	0.0	4.6	PASS
6712.500000	4.6	0.0	4.6	PASS
6694.500000	4.5	0.0	4.6	PASS
6660.500000	4.5	0.0	4.6	PASS
6697.500000	4.5	0.0	4.6	PASS
6713.500000	4.5	0.1	4.6	PASS
6695.500000	4.5	0.1	4.6	PASS
6657.500000	4.5	0.1	4.6	PASS
6715.500000	4.5	0.1	4.6	PASS
6658.500000	4.5	0.1	4.6	PASS
6717.500000	4.5	0.1	4.6	PASS
6661.500000	4.5	0.1	4.6	PASS
6721.500000	4.5	0.1	4.6	PASS
6699.500000	4.5	0.1	4.6	PASS
6719.500000	4.4	0.1	4.6	PASS

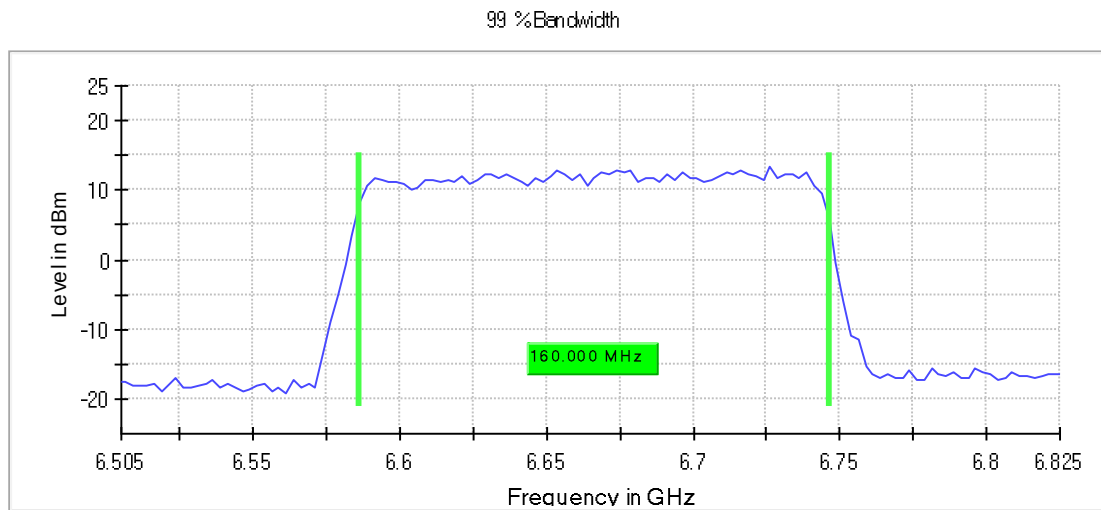


Occupied Channel Bandwidth 99% (6665 MHz; 24.000 dBm; 160 MHz)

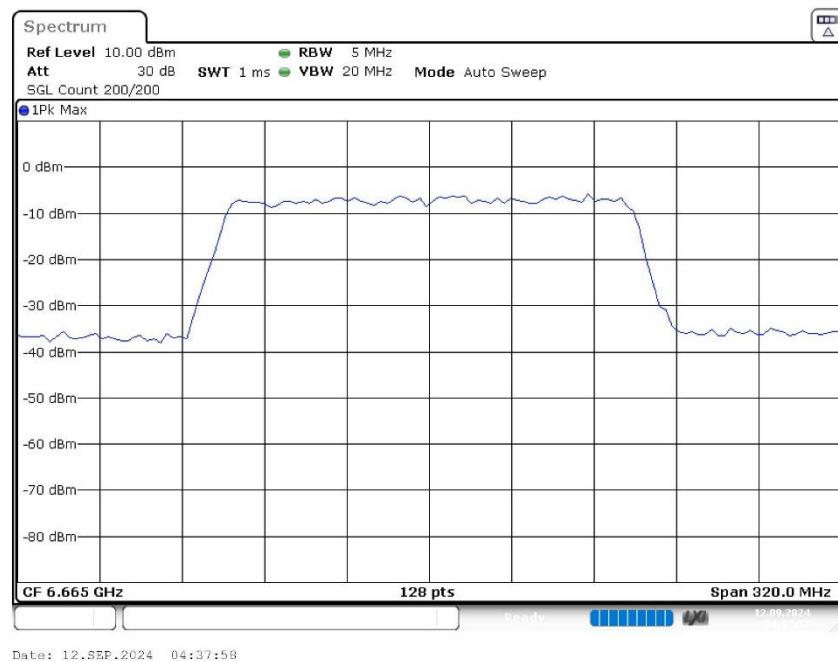
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6665.000000	160.000000	---	320.000000	6586.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6665.000000	6746.250000	7125.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

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

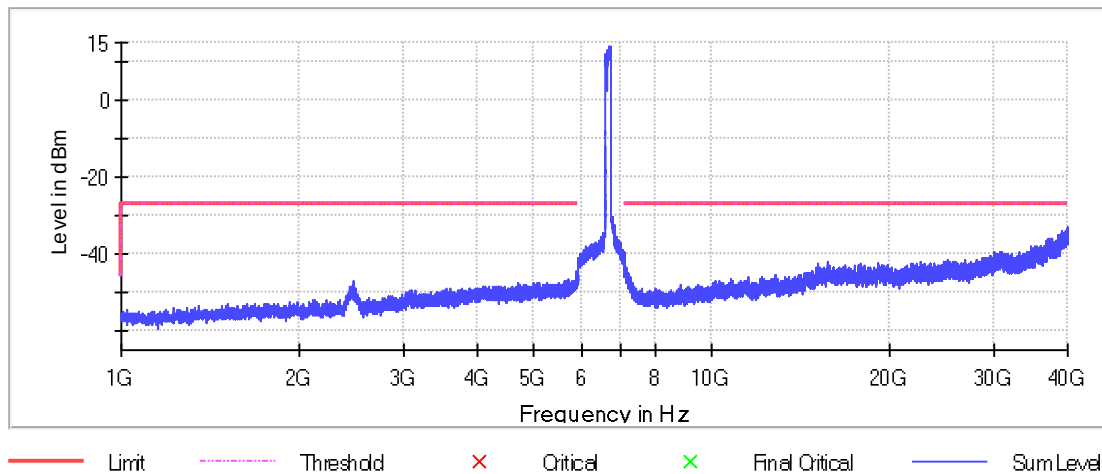
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39919.750000	-33.1	6.1	-27.0
39951.750000	-33.5	6.5	-27.0
39941.250000	-33.5	6.5	-27.0
39965.250000	-33.5	6.5	-27.0
39981.250000	-33.6	6.6	-27.0
39937.250000	-33.7	6.7	-27.0
39970.750000	-33.7	6.7	-27.0
39927.750000	-33.7	6.7	-27.0
39976.750000	-33.7	6.7	-27.0
39983.250000	-33.8	6.8	-27.0
39986.750000	-33.9	6.9	-27.0
39980.250000	-33.9	6.9	-27.0
39956.250000	-33.9	6.9	-27.0
39808.250000	-33.9	6.9	-27.0
39977.750000	-34.0	7.0	-27.0

Measurement Settings

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

Spurious



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

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

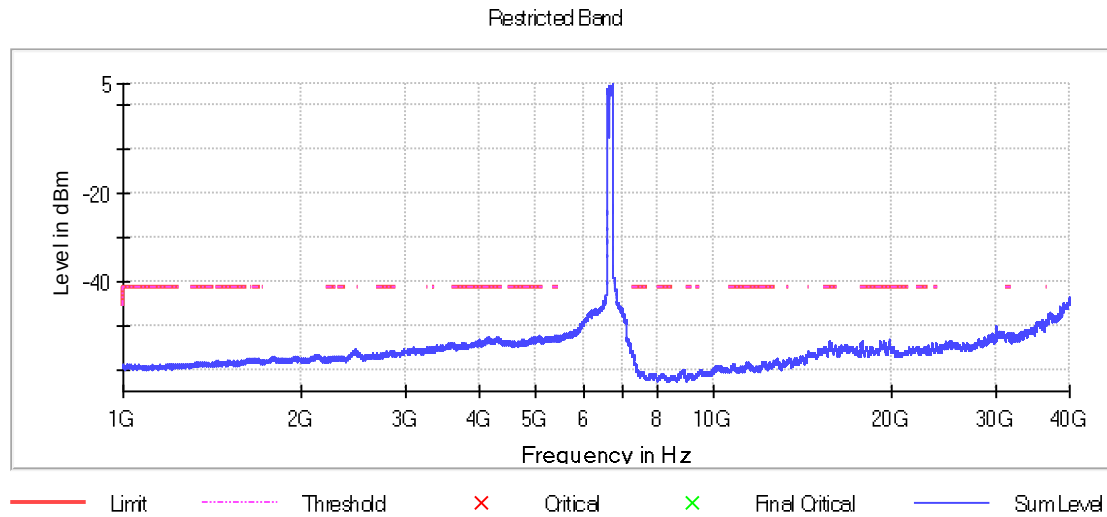
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36496.953220	-49.1	7.9	-41.2
36492.828349	-49.1	7.9	-41.2
36496.265742	-49.2	8.0	-41.2
36499.015656	-49.2	8.0	-41.2
36479.766257	-49.2	8.0	-41.2
36497.640699	-49.3	8.1	-41.2
36489.390957	-49.3	8.1	-41.2
36487.328521	-49.3	8.1	-41.2
36458.454423	-49.3	8.1	-41.2
36490.078435	-49.3	8.1	-41.2
36488.016000	-49.3	8.1	-41.2
36433.017718	-49.3	8.1	-41.2
36473.578951	-49.3	8.1	-41.2
36492.140871	-49.4	8.2	-41.2
36485.953564	-49.4	8.2	-41.2

Measurement Settings

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



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

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

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

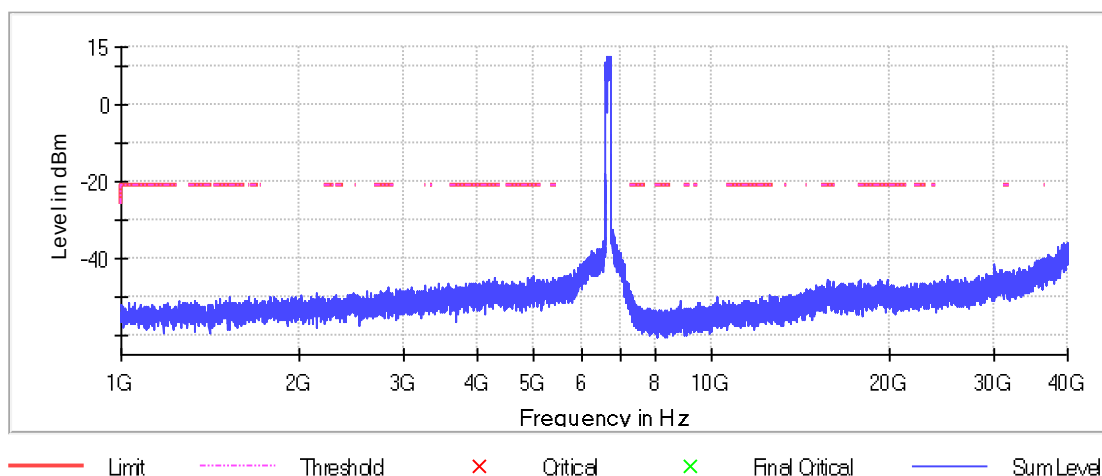
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36461.204337	-41.1	19.9	-21.2
36446.767289	-41.3	20.1	-21.2
36483.203650	-41.3	20.1	-21.2
36485.953564	-41.5	20.3	-21.2
36462.579294	-41.8	20.6	-21.2
36441.954939	-41.8	20.6	-21.2
36470.141558	-42.0	20.8	-21.2
36437.830068	-42.1	20.9	-21.2
36463.266773	-42.1	20.9	-21.2
36476.328865	-42.2	21.0	-21.2
36474.953908	-42.2	21.0	-21.2
36484.578607	-42.3	21.1	-21.2
36447.454767	-42.3	21.1	-21.2
36430.267804	-42.3	21.1	-21.2
36461.891816	-42.4	21.2	-21.2

Measurement Settings

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

Restricted Band



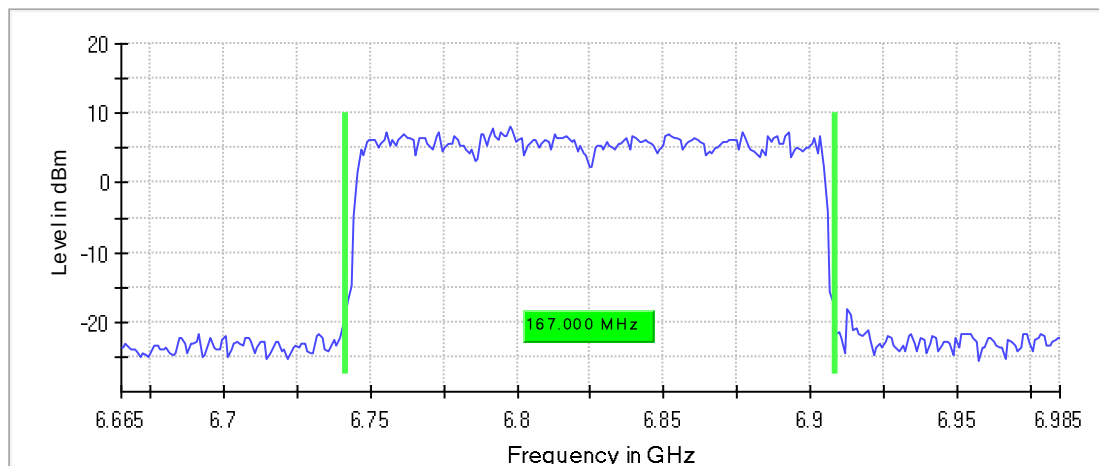
Emission Bandwidth 26 dB (6825 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

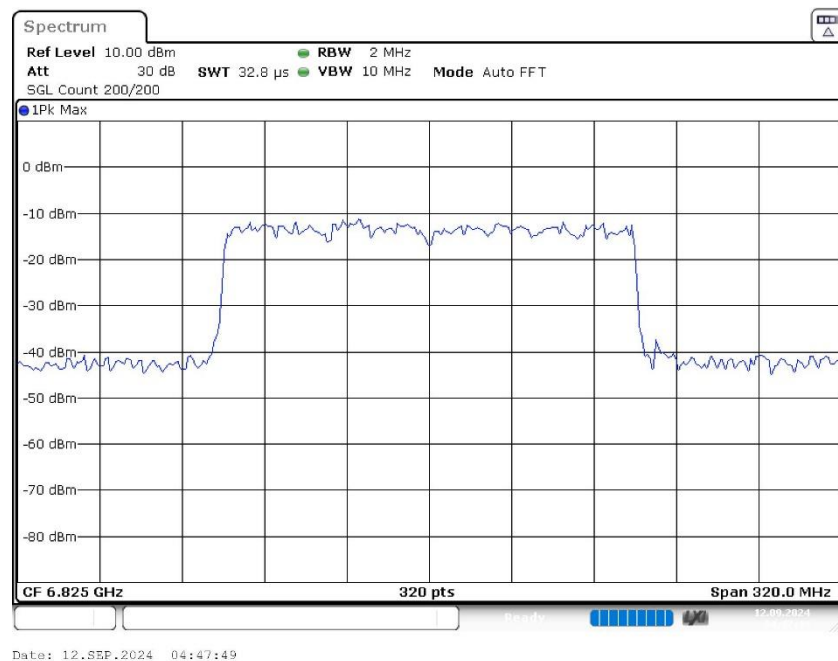
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	167.000000	133.500000	33.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6825.000000	6741.500000	---	6908.500000	---	8.0	PASS

26 dB Bandwidth



Bandwidth



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

Result

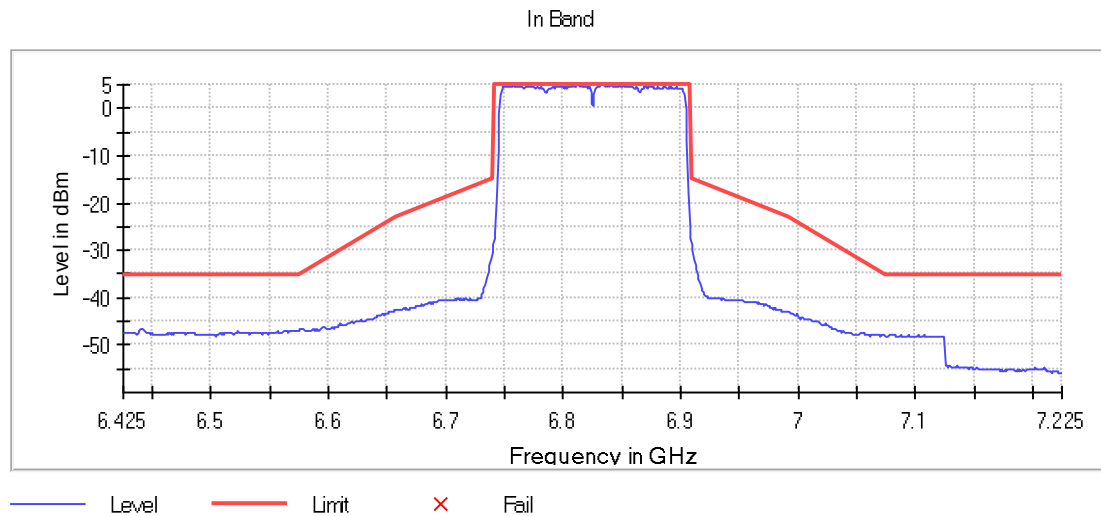
DUT Frequency (MHz)	Result
6825.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6833.500000	4.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6833.500000	4.9	0.0	4.9	PASS
6847.500000	4.9	0.0	4.9	PASS
6811.500000	4.9	0.0	4.9	PASS
6834.500000	4.9	0.0	4.9	PASS
6814.500000	4.9	0.1	4.9	PASS
6757.500000	4.8	0.1	4.9	PASS
6851.500000	4.8	0.1	4.9	PASS
6836.500000	4.8	0.1	4.9	PASS
6832.500000	4.8	0.1	4.9	PASS
6815.500000	4.8	0.1	4.9	PASS
6812.500000	4.8	0.1	4.9	PASS
6840.500000	4.8	0.1	4.9	PASS
6838.500000	4.8	0.1	4.9	PASS
6808.500000	4.8	0.1	4.9	PASS
6837.500000	4.8	0.1	4.9	PASS

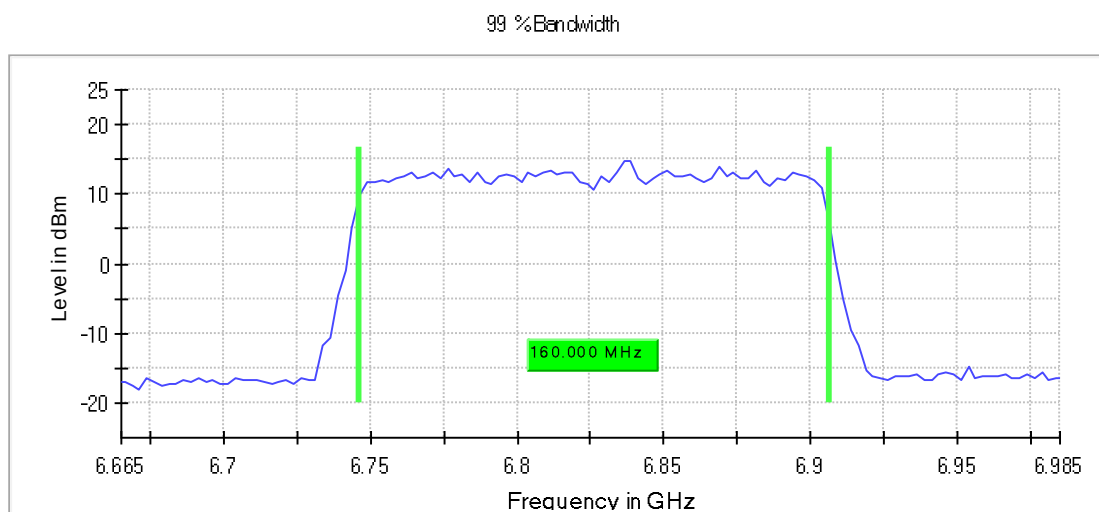


Occupied Channel Bandwidth 99% (6825 MHz; 24.000 dBm; 160 MHz)

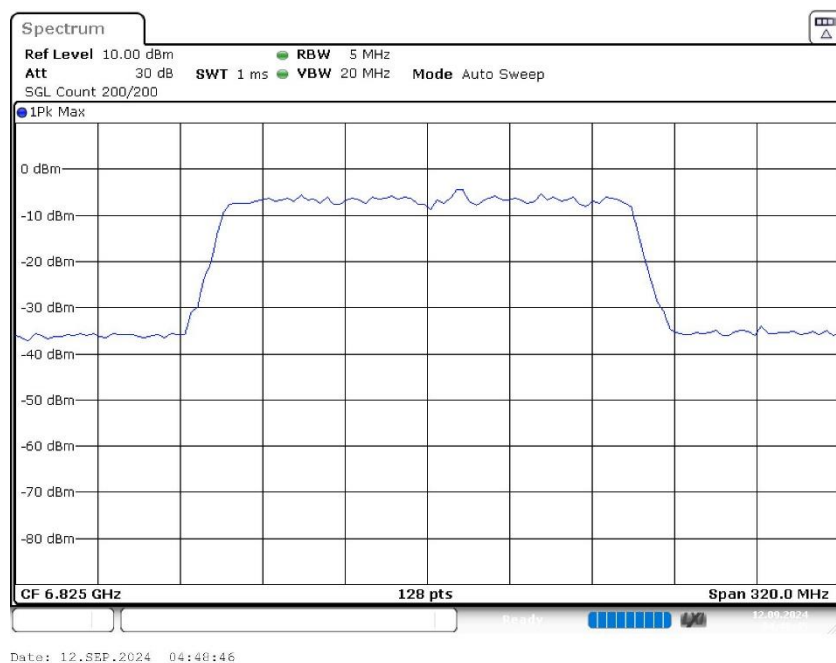
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	160.000000	128.750000	31.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6825.000000	6746.250000	5925.000000	6906.250000	7125.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

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

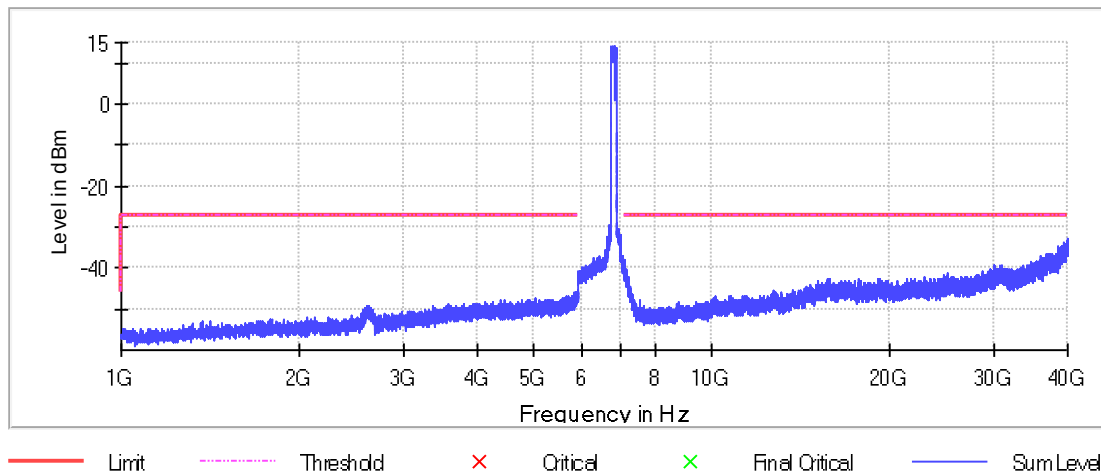
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39939.250000	-32.9	5.9	-27.0
39980.250000	-33.3	6.3	-27.0
39876.250000	-33.4	6.4	-27.0
39997.750000	-33.4	6.4	-27.0
39868.250000	-33.5	6.5	-27.0
39982.250000	-33.5	6.5	-27.0
39974.750000	-33.5	6.5	-27.0
39974.250000	-33.5	6.5	-27.0
39547.750000	-33.6	6.6	-27.0
40000.000000	-33.6	6.6	-27.0
39999.750000	-33.6	6.6	-27.0
39957.750000	-33.6	6.6	-27.0
39952.750000	-33.7	6.7	-27.0
39952.250000	-33.7	6.7	-27.0
39944.750000	-33.7	6.7	-27.0

Measurement Settings

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

Spurious



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

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

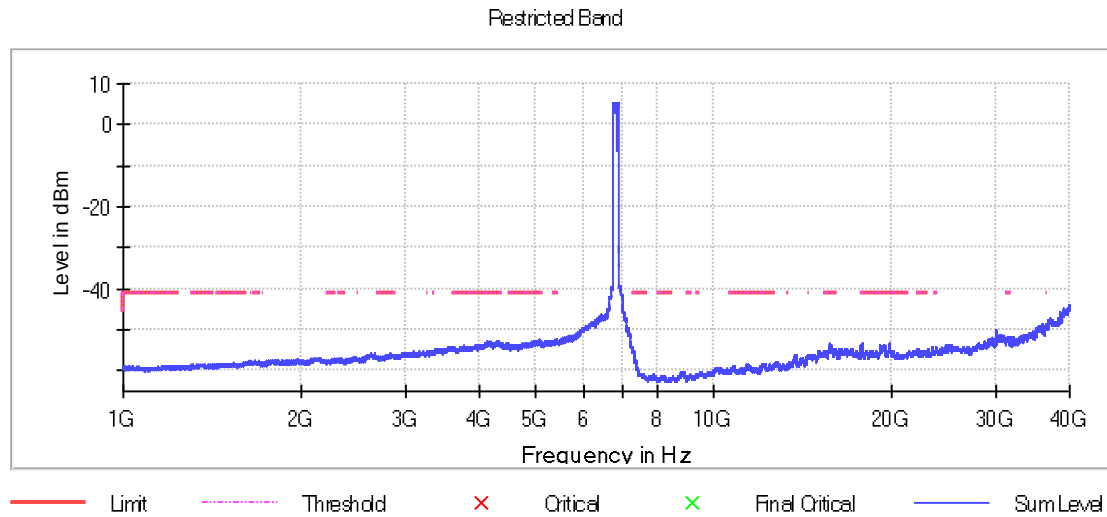
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36485.953564	-49.1	7.9	-41.2
36494.203306	-49.2	8.0	-41.2
36478.391300	-49.2	8.0	-41.2
36489.390957	-49.2	8.0	-41.2
36483.891128	-49.2	8.0	-41.2
36499.015656	-49.2	8.0	-41.2
36463.954251	-49.2	8.0	-41.2
36490.765914	-49.3	8.1	-41.2
36461.891816	-49.3	8.1	-41.2
36482.516171	-49.3	8.1	-41.2
36475.641386	-49.3	8.1	-41.2
36498.328177	-49.3	8.1	-41.2
36465.329208	-49.3	8.1	-41.2
36470.829037	-49.3	8.1	-41.2
36461.204337	-49.3	8.1	-41.2

Measurement Settings

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



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

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

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

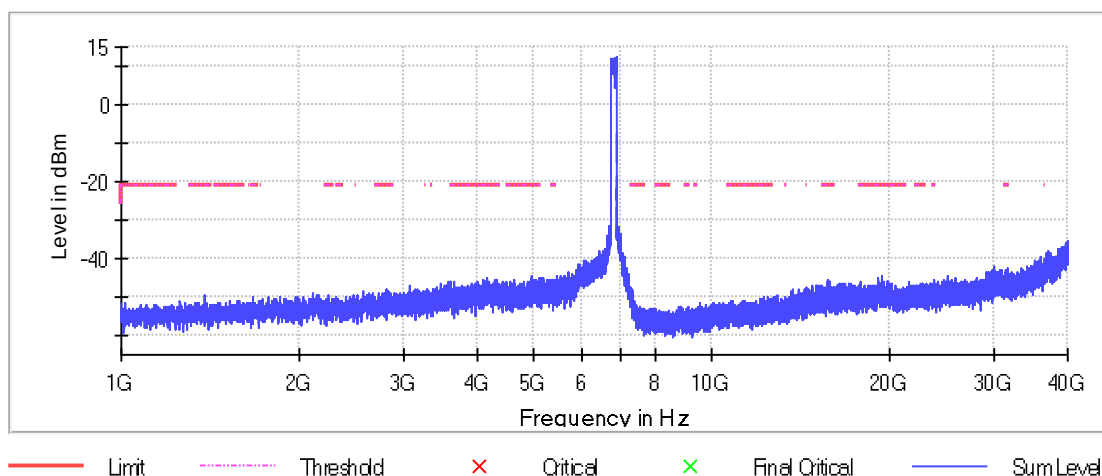
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36450.204681	-40.8	19.6	-21.2
36490.765914	-41.2	20.0	-21.2
36467.391644	-41.4	20.2	-21.2
36485.266085	-41.6	20.4	-21.2
36441.954939	-41.8	20.6	-21.2
36488.703478	-41.9	20.7	-21.2
36481.141214	-42.0	20.8	-21.2
36484.578607	-42.1	20.9	-21.2
36468.766601	-42.1	20.9	-21.2
36459.829380	-42.3	21.1	-21.2
36475.641386	-42.4	21.2	-21.2
36463.266773	-42.4	21.2	-21.2
36493.515828	-42.4	21.2	-21.2
36435.767632	-42.5	21.3	-21.2
31626.855411	-42.5	21.3	-21.2

Measurement Settings

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

Restricted Band



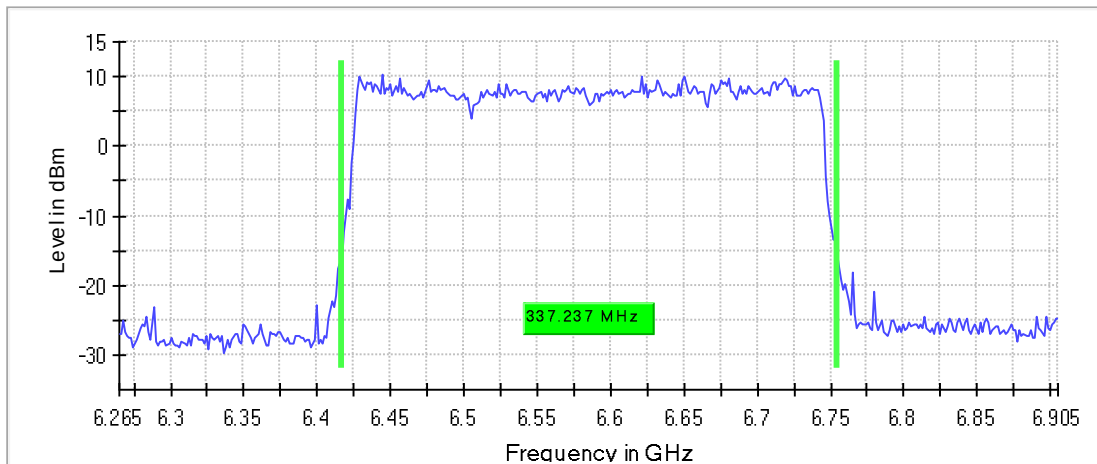
Emission Bandwidth 26 dB (6585 MHz; 24.000 dBm; 320 MHz)

26 dB Bandwidth

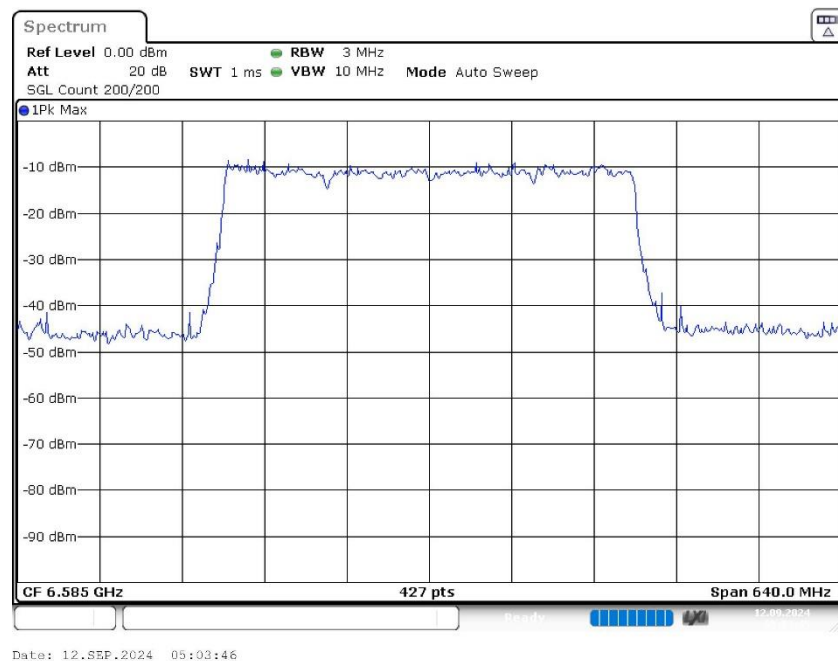
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	337.236533	107.868852	229.367681	---	---

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
6585.000000	6417.131148	---	6754.367681	---	10.3	PASS

26 dB Bandwidth



Bandwidth



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

Result

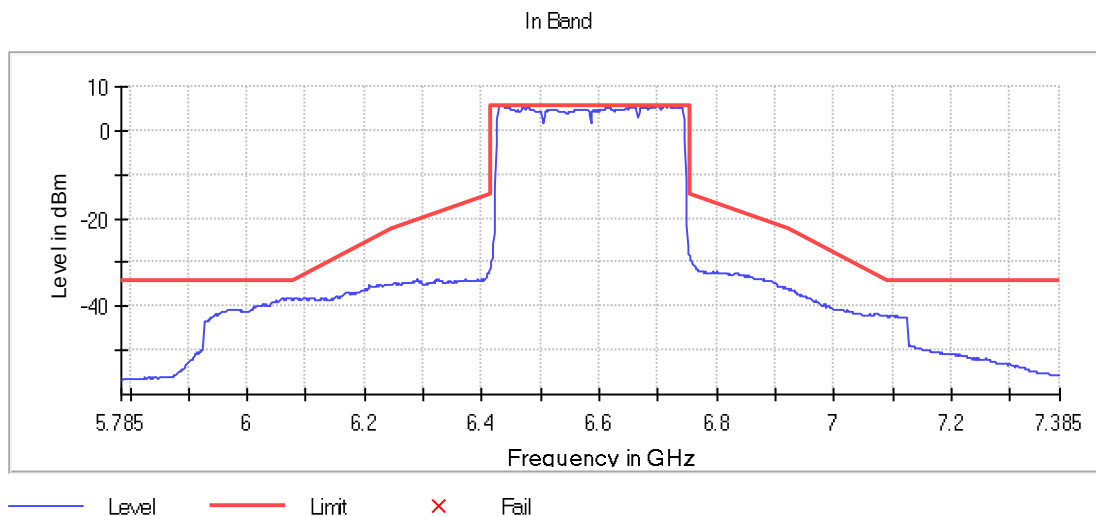
DUT Frequency (MHz)	Result
6585.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6433.547329	5.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6432.047798	5.6	0.0	5.7	PASS
6715.459231	5.6	0.0	5.7	PASS
6435.046860	5.6	0.0	5.7	PASS
6712.460169	5.6	0.1	5.7	PASS
6698.964386	5.6	0.1	5.7	PASS
6710.960637	5.6	0.1	5.7	PASS
6430.548266	5.6	0.1	5.7	PASS
6694.465792	5.6	0.1	5.7	PASS
6718.458294	5.5	0.1	5.7	PASS
6719.957826	5.5	0.1	5.7	PASS
6429.048735	5.5	0.2	5.7	PASS
6691.466729	5.5	0.2	5.7	PASS
6716.958763	5.5	0.2	5.7	PASS
6697.464855	5.5	0.2	5.7	PASS
6436.546392	5.5	0.2	5.7	PASS

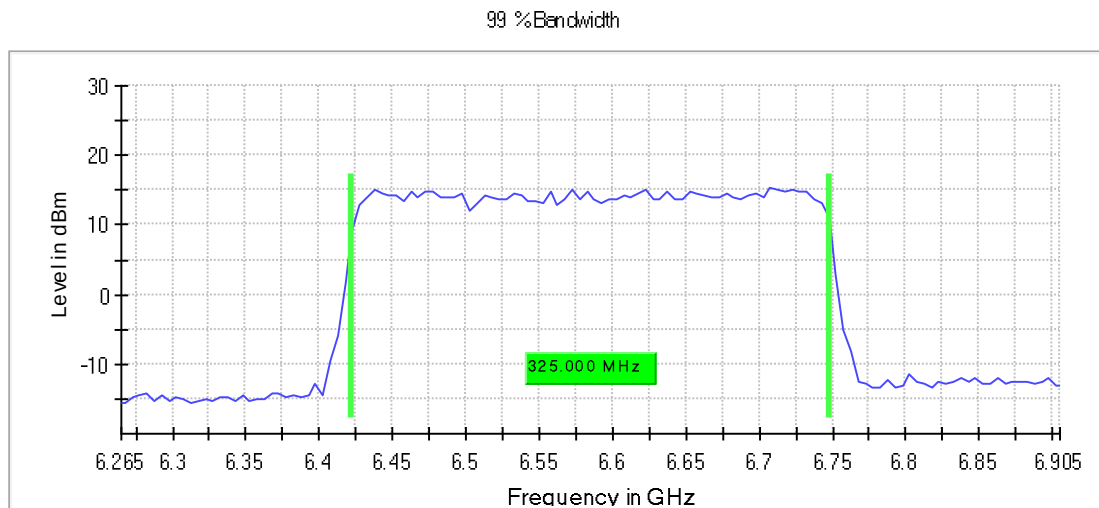


Occupied Channel Bandwidth 99% (6585 MHz; 24.000 dBm; 320 MHz)

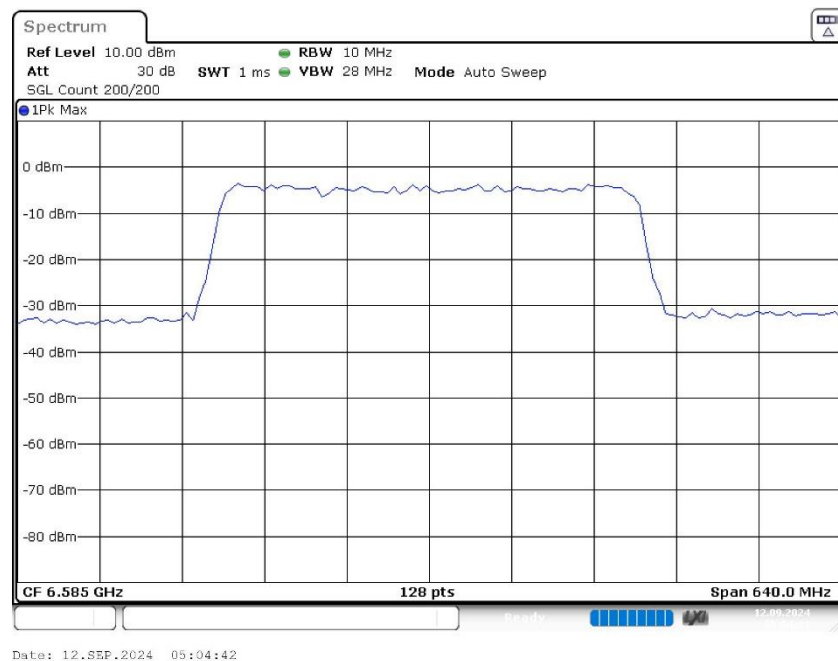
99 % Bandwidth

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

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



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

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

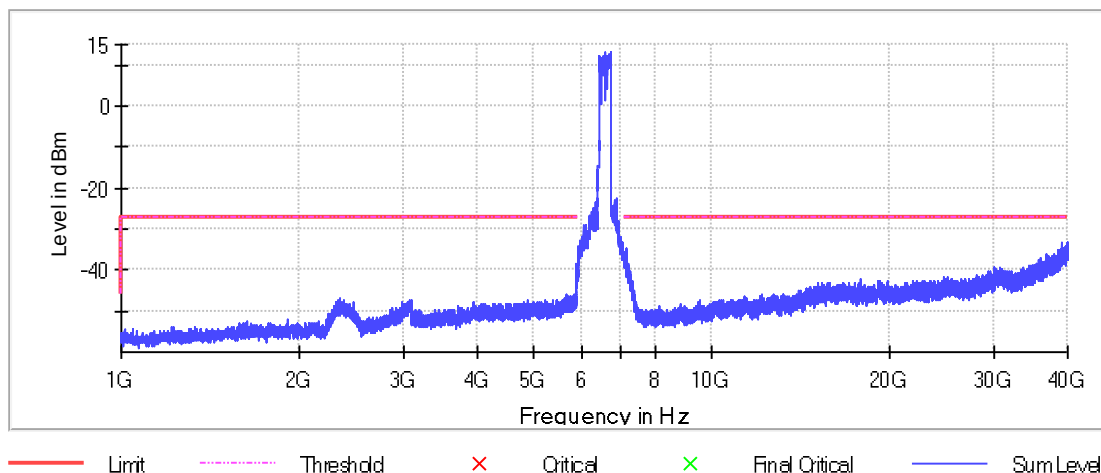
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39166.750000	-33.3	6.3	-27.0
39981.750000	-33.4	6.4	-27.0
39956.750000	-33.4	6.4	-27.0
39988.250000	-33.4	6.4	-27.0
39969.750000	-33.5	6.5	-27.0
39167.250000	-33.6	6.6	-27.0
39983.750000	-33.6	6.6	-27.0
39950.250000	-33.7	6.7	-27.0
39966.750000	-33.7	6.7	-27.0
39956.250000	-33.7	6.7	-27.0
39958.250000	-33.8	6.8	-27.0
39996.750000	-33.8	6.8	-27.0
39972.250000	-33.9	6.9	-27.0
39952.750000	-33.9	6.9	-27.0
39984.250000	-33.9	6.9	-27.0

Measurement Settings

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

Spurious



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

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

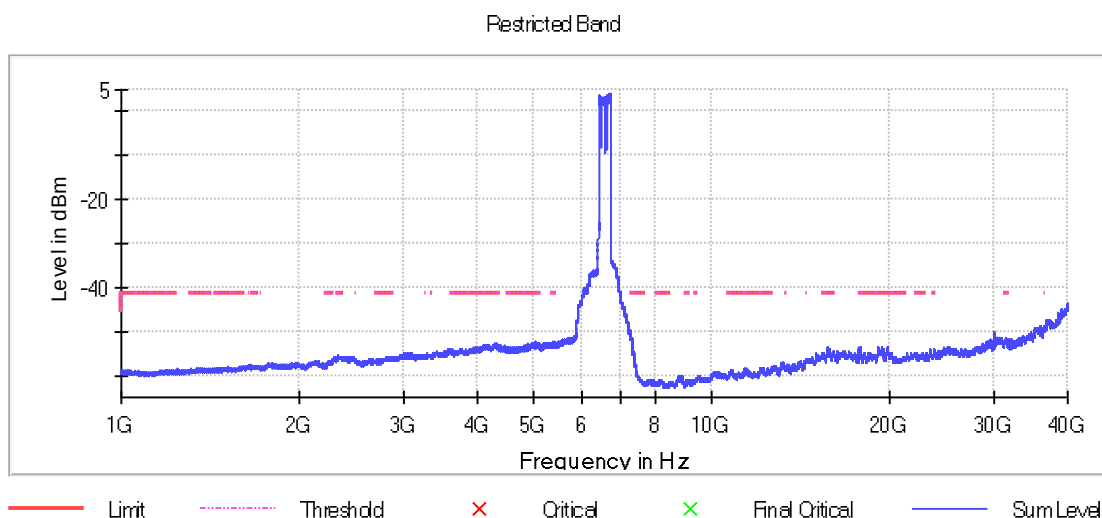
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36481.828693	-49.1	7.9	-41.2
36485.953564	-49.2	8.0	-41.2
36459.141902	-49.3	8.1	-41.2
36495.578263	-49.3	8.1	-41.2
36470.829037	-49.3	8.1	-41.2
36499.015656	-49.3	8.1	-41.2
36474.953908	-49.3	8.1	-41.2
36479.078779	-49.3	8.1	-41.2
36466.016687	-49.3	8.1	-41.2
36480.453736	-49.3	8.1	-41.2
36498.328177	-49.3	8.1	-41.2
36483.203650	-49.3	8.1	-41.2
36476.328865	-49.3	8.1	-41.2
36496.265742	-49.4	8.2	-41.2
36464.641730	-49.4	8.2	-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) (6585 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

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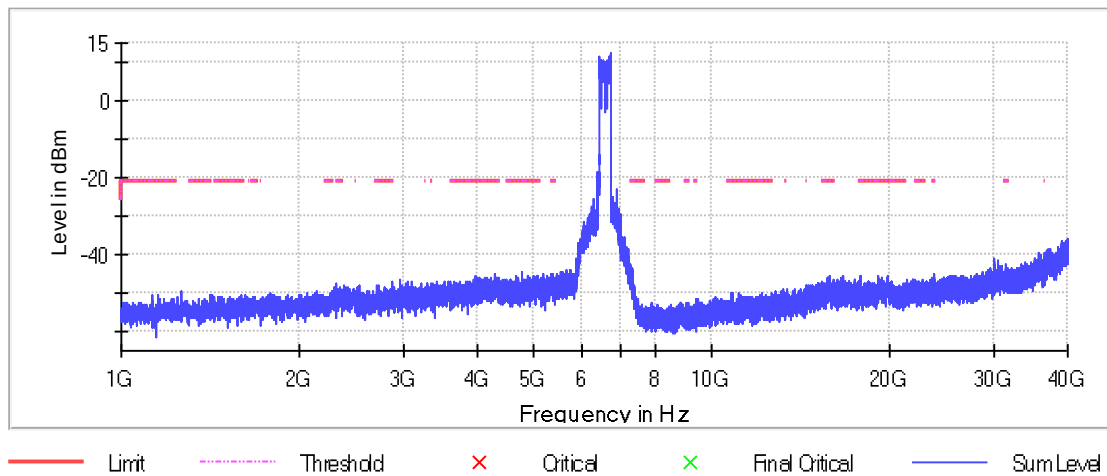
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36482.516171	-40.5	19.3	-21.2
36472.891472	-40.8	19.6	-21.2
36483.203650	-41.2	20.0	-21.2
36479.078779	-41.3	20.1	-21.2
36449.517203	-41.9	20.7	-21.2
36431.642761	-42.1	20.9	-21.2
36494.890785	-42.2	21.0	-21.2
36498.328177	-42.3	21.1	-21.2
36457.079466	-42.3	21.1	-21.2
36472.203994	-42.4	21.2	-21.2
36470.141558	-42.4	21.2	-21.2
36466.016687	-42.4	21.2	-21.2
36456.391988	-42.4	21.2	-21.2
36492.828349	-42.4	21.2	-21.2
36481.828693	-42.5	21.3	-21.2

Measurement Settings

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

Restricted Band



1.1.2 Summary

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

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

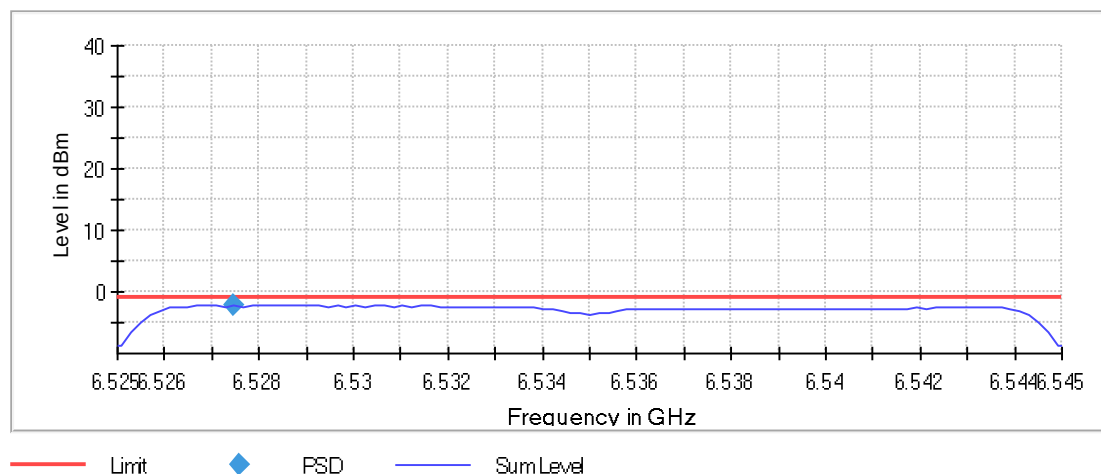
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6535.000000	6527.475248	-2.195	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.52500 GHz	6.52500 GHz
Stop Frequency	6.54500 GHz	6.54500 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz

VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off

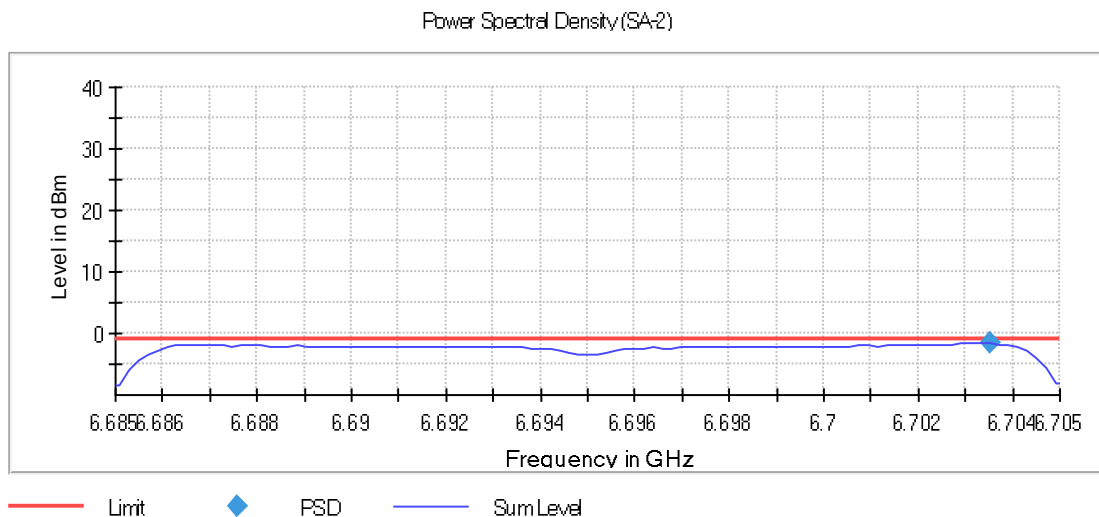
Power Spectral Density (SA-2) (6695 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6695.000000	6703.514851	-1.614	-0.8	PASS

Ports

Port	State
1	used
2	used



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

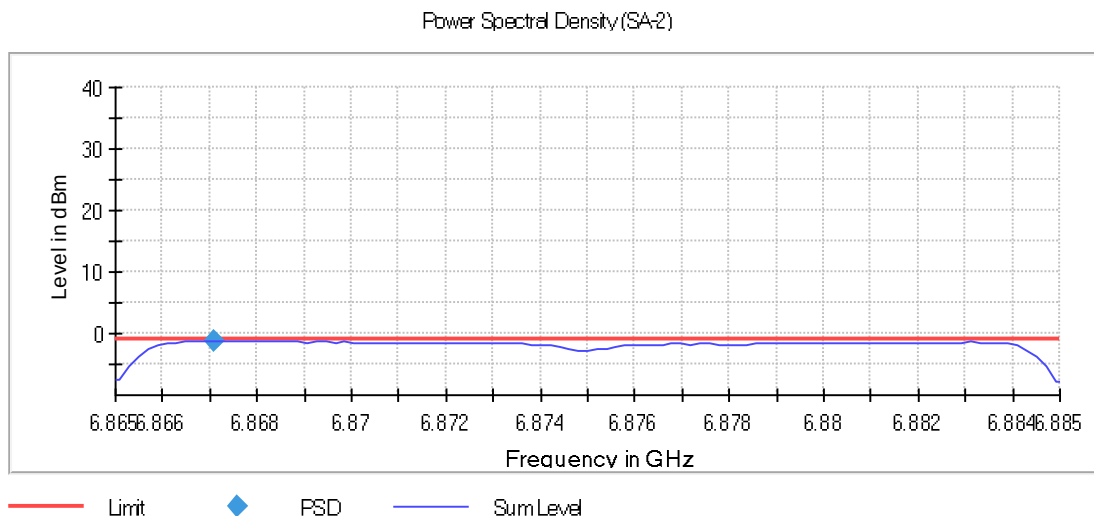
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6875.000000	6867.079208	-1.188	-0.8	PASS

Ports

Port	State
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1	used
2	used



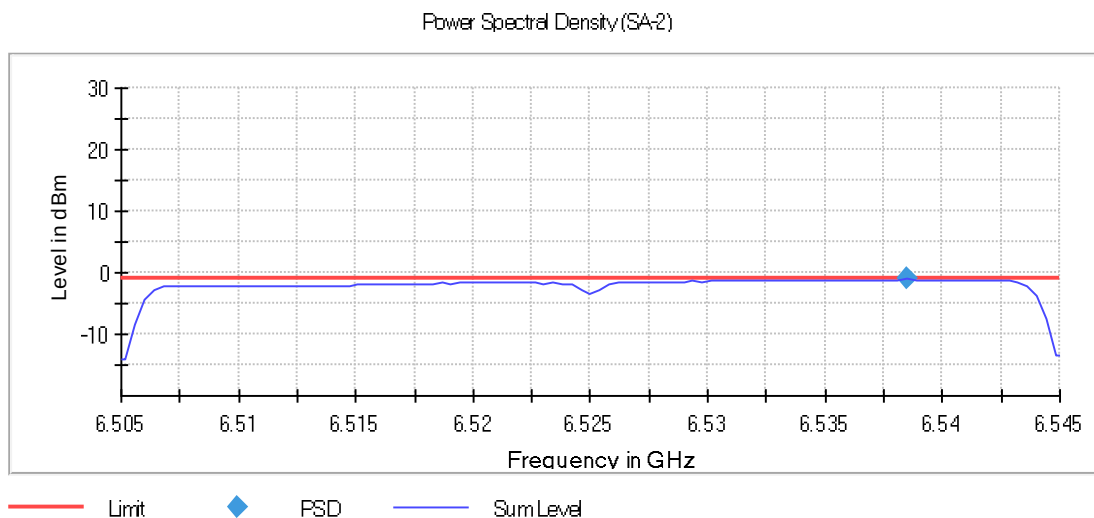
Power Spectral Density (SA-2) (6525 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6525.000000	6538.465347	-1.076	-0.8	PASS

Ports

Port	State
1	used
2	used



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

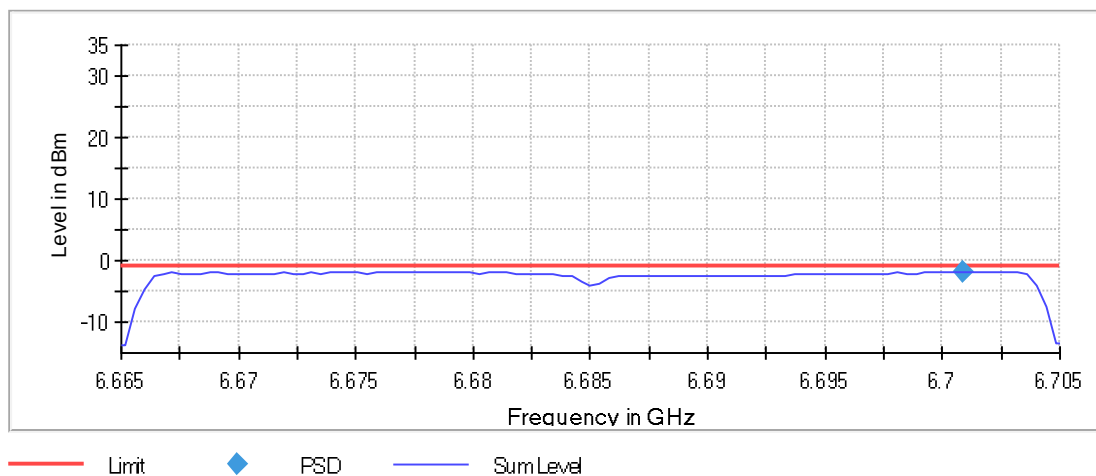
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6685.000000	6700.841584	-1.822	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



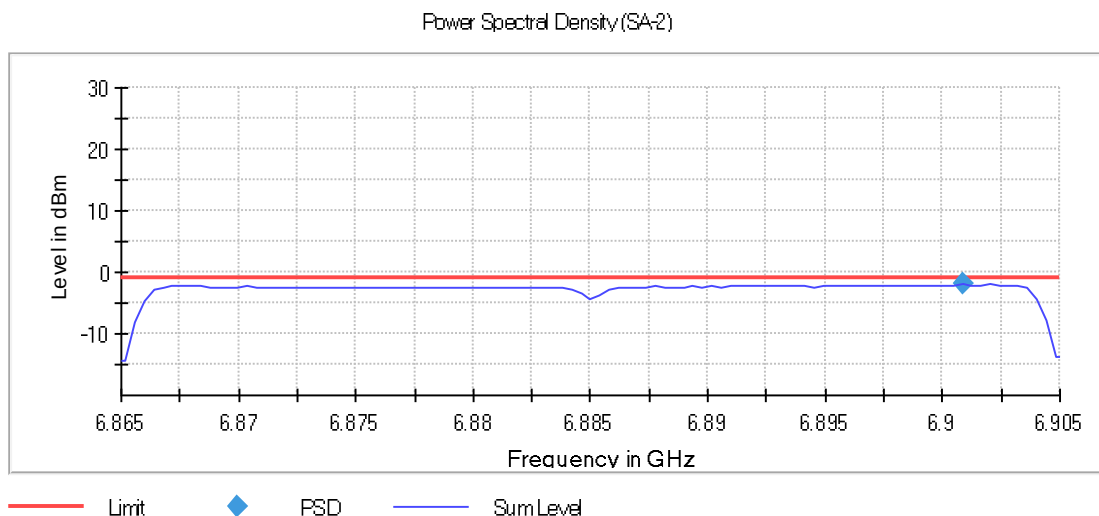
Power Spectral Density (SA-2) (6885 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6885.000000	6900.841584	-1.987	-0.8	PASS

Ports

Port	State
1	used
2	used



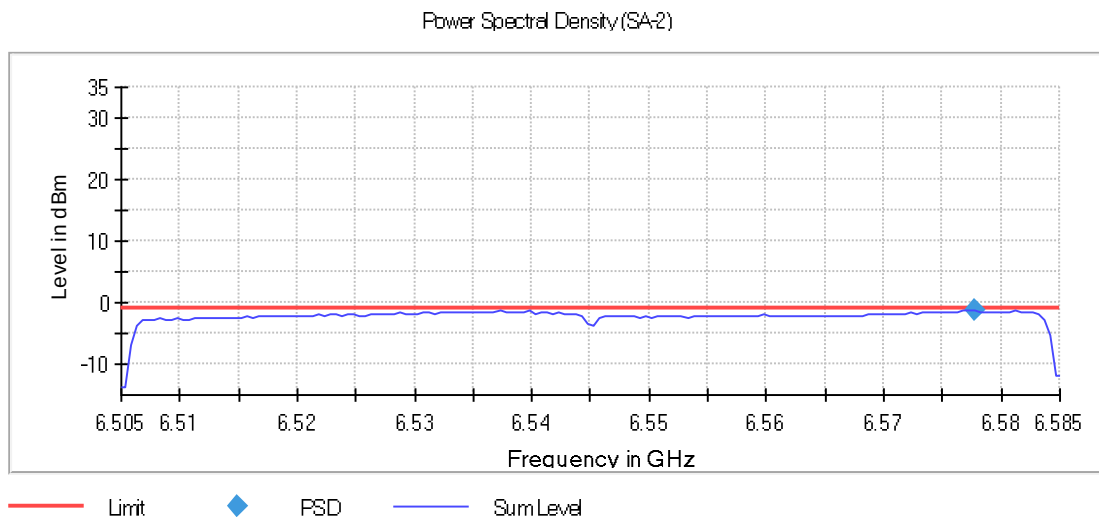
Power Spectral Density (SA-2) (6545 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6545.000000	6577.750000	-1.332	-0.8	PASS

Ports

Port	State
1	used
2	used



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

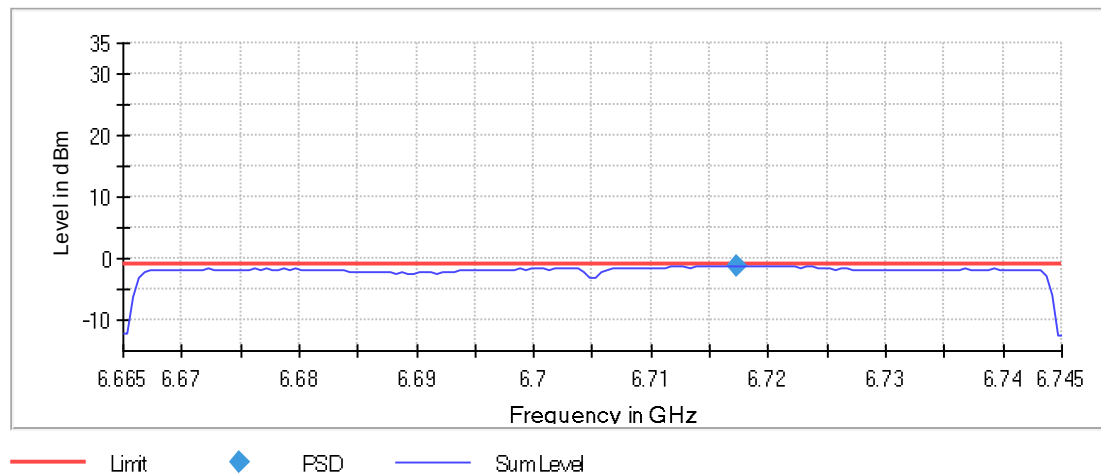
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6717.250000	-1.109	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



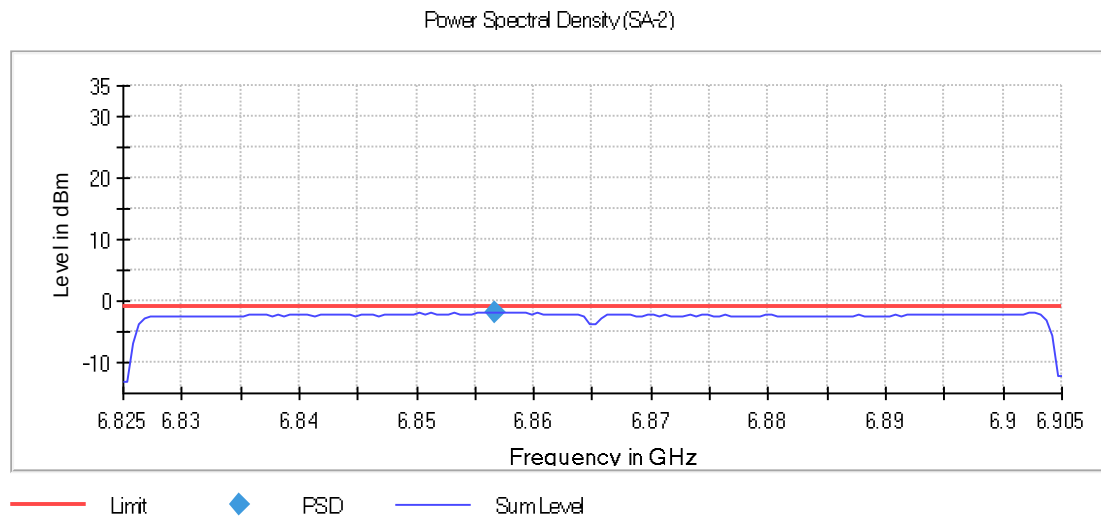
Power Spectral Density (SA-2) (6865 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6865.000000	6856.750000	-1.844	-0.8	PASS

Ports

Port	State
1	used
2	used



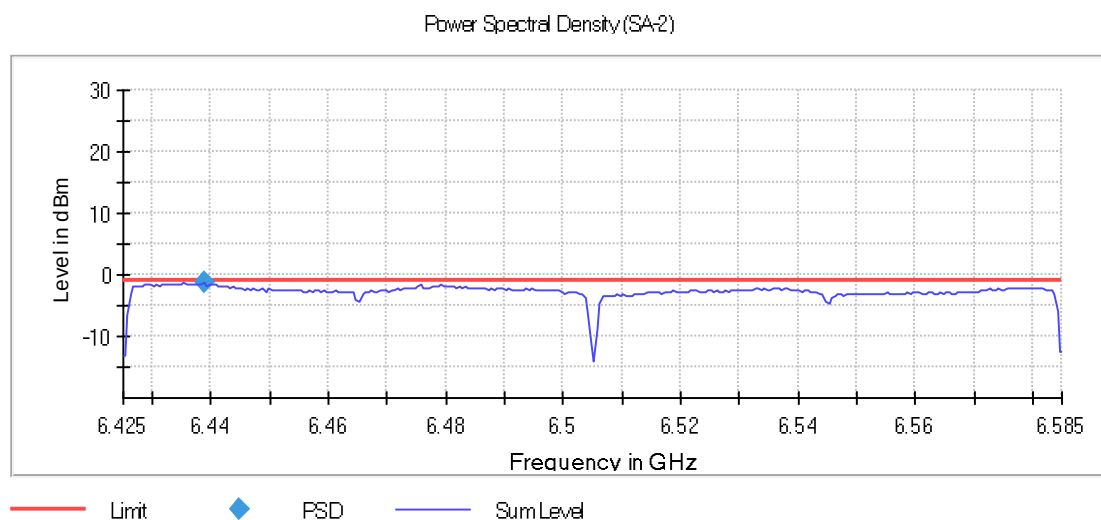
Power Spectral Density (SA-2) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6505.000000	6438.750000	-1.381	-0.8	PASS

Ports

Port	State
1	used
2	used



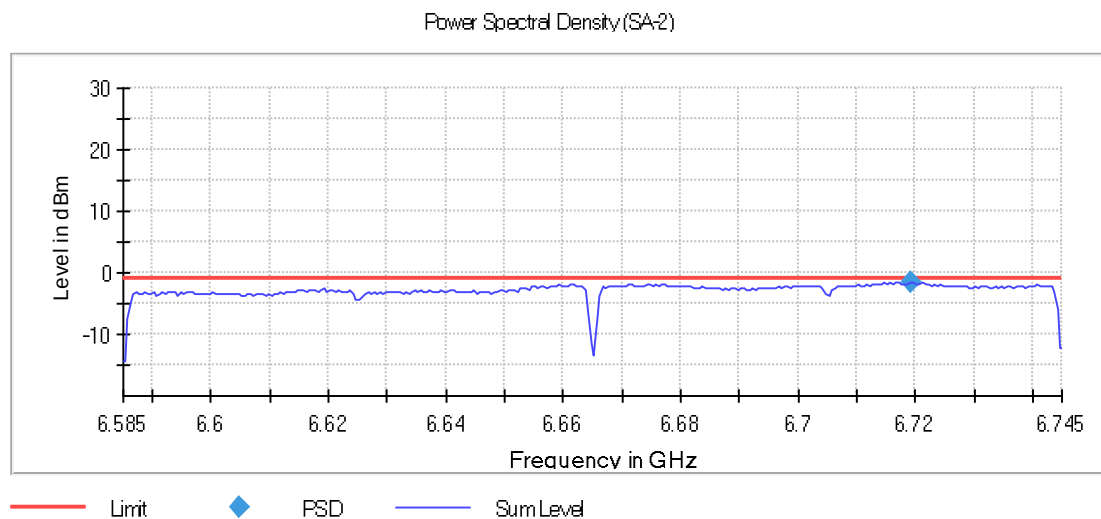
Power Spectral Density (SA-2) (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6719.250000	-1.519	-0.8	PASS

Ports

Port	State
1	used
2	used



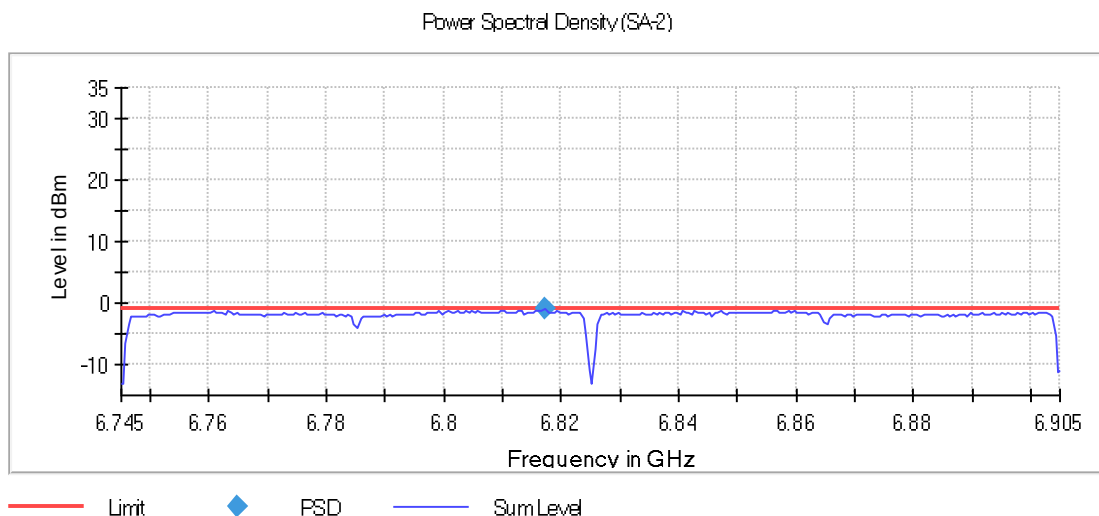
Power Spectral Density (SA-2) (6825 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6825.000000	6817.250000	-1.074	-0.8	PASS

Ports

Port	State
1	used
2	used



1.1.3 Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6585.000	24.0	320.000000	PASS

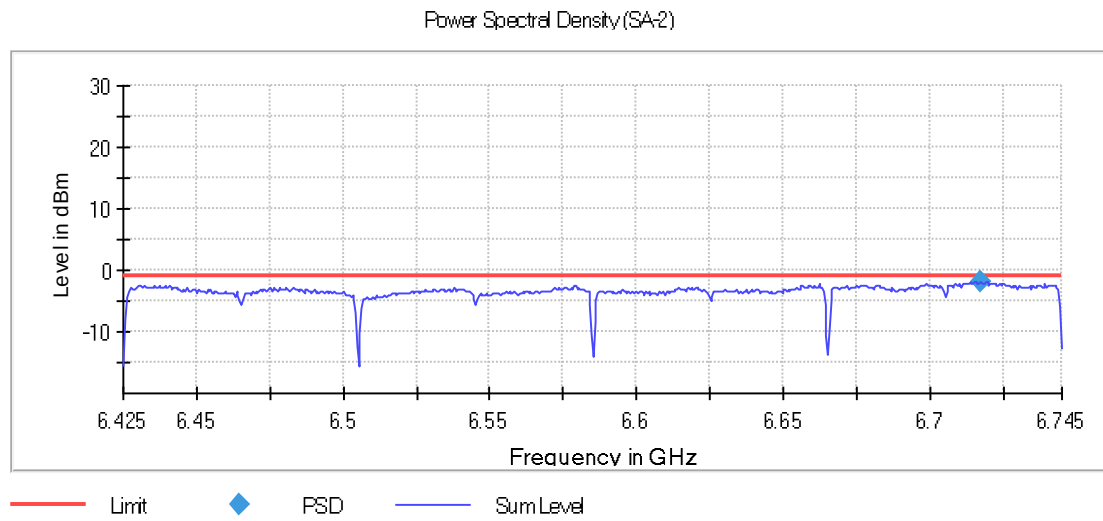
Power Spectral Density (SA-2) (6585 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6585.000000	6717.250000	-1.812	-0.8	PASS

Ports

Port	State
1	used
2	used



-- End of Report --