



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-E7
ISED ID	6545A-E7
Equipment Under Test	E7
Test Report Serial Number	TR9468_02
Date of Test(s)	5 – 7 March; 7 November 2024
Report Issue Date	7 November 2024

Test Personnel

Testing performed by	Evan Hartzell
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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.



Revision History		
Revision	Description	Date
01	Original Report Release	4 November 2024
02	Amended In Band Mask Measurement Table	7 November 2024

1 UNII-7 Band AFC

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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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

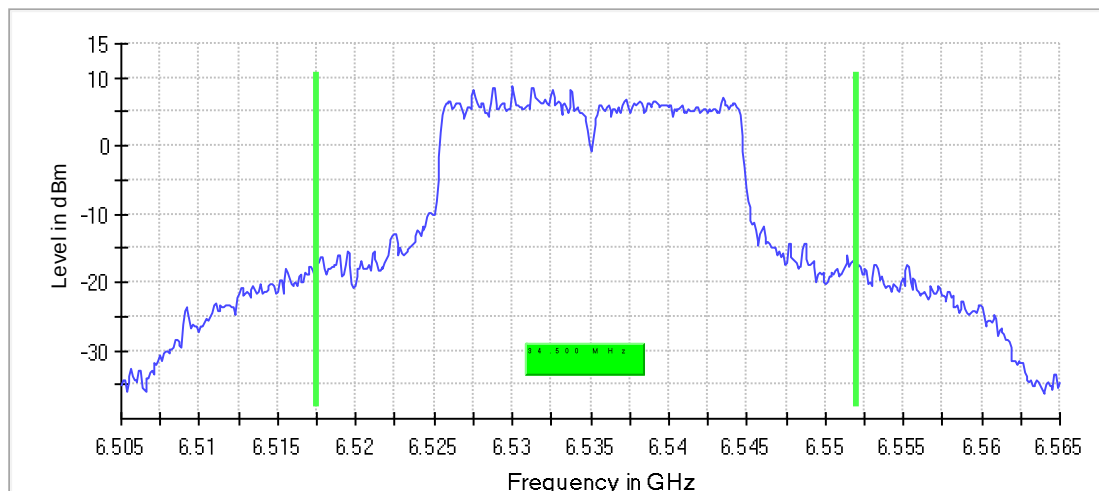
Tx Spurious Emission	6505.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6505.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6505.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6665.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6665.000	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
Power Spectral Density (SA-2)	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
Power Spectral Density (SA-2)	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)

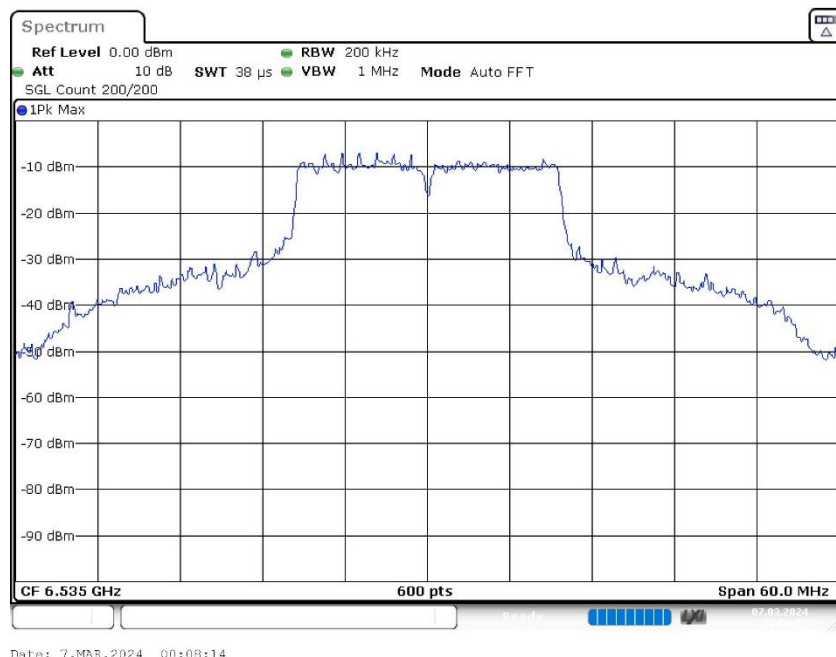
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6535.000000	34.500000	---	320.000000	6517.450000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6535.000000	6551.950000	---	8.7	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.50500 GHz	6.50500 GHz
Stop Frequency	6.56500 GHz	6.56500 GHz
Span	60.000 MHz	60.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	600	~ 600
SweepTime	37.969 μ s	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	10.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

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

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6535.000000	29.9	36.0	29.9	99.725	PASS

OSP PowerMeter settings

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

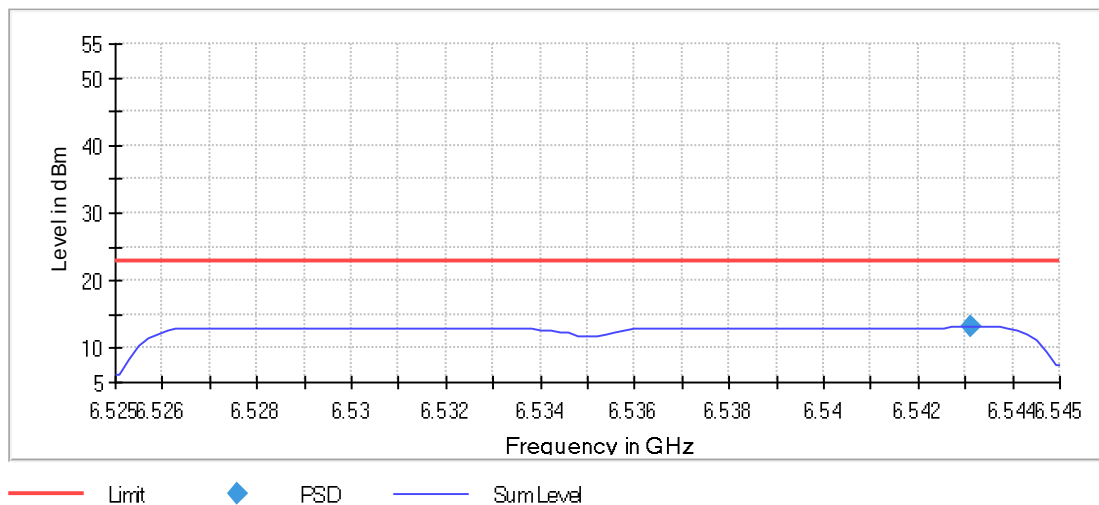
Power Spectral Density (SA-2) (6535 MHz; 24.000 dBm; 20 MHz)

Result

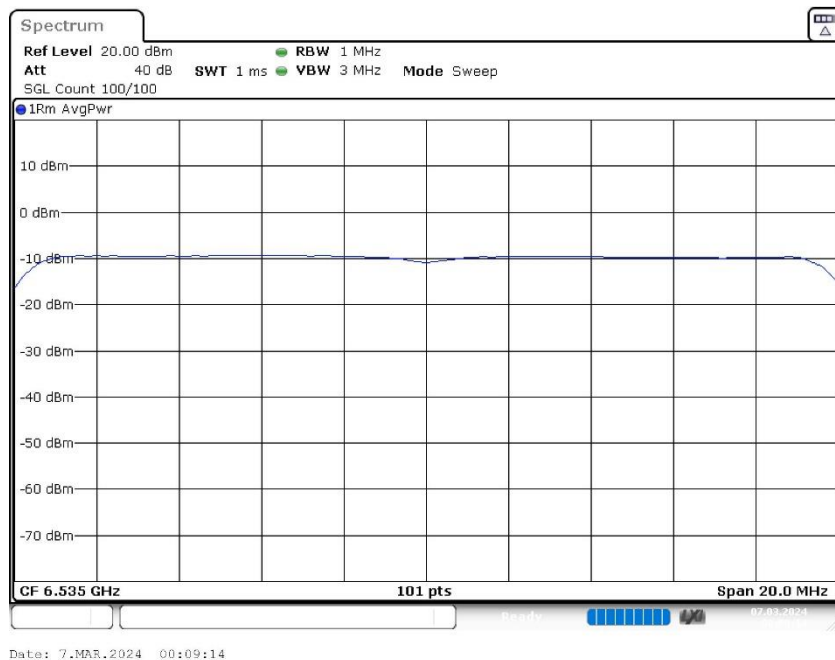
DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6535.000000	6543.118812	13.164	23.0	PASS

Ports

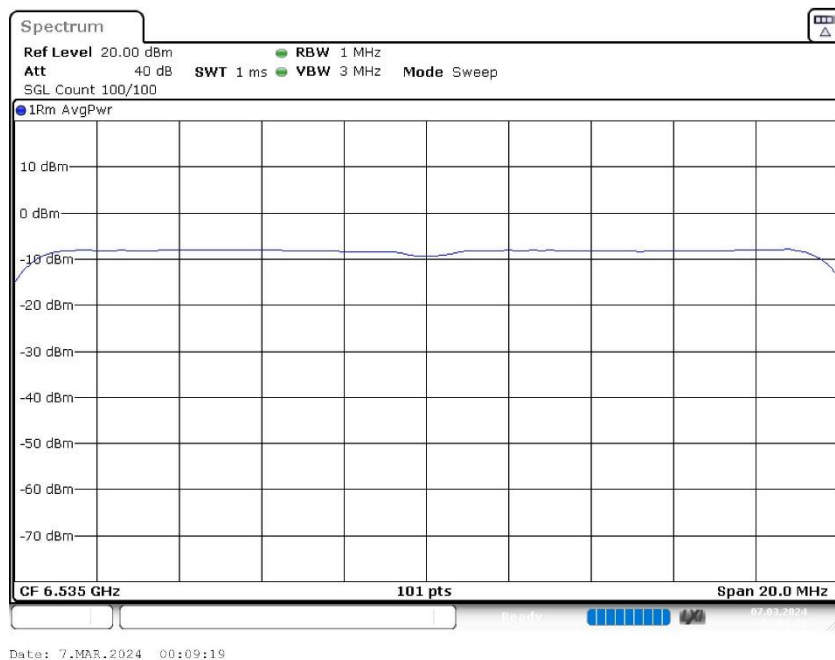
Port	State
1	used
2	used
3	used
4	used



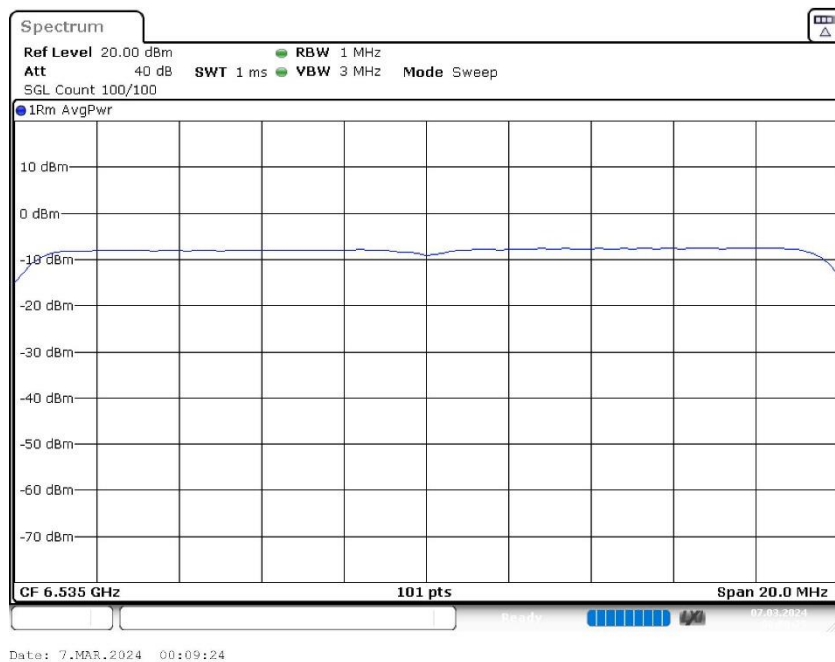
PSD Connector 1



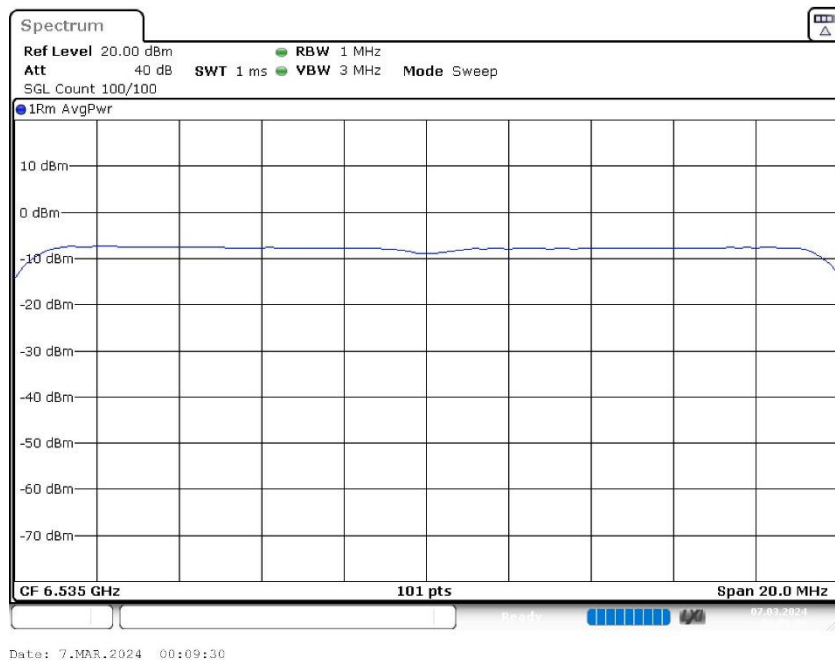
PSD Connector 2



PSD Connector 3



PSD Connector 4



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.52500 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	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off
StableMode	Trace	Trace
StableValue	0.50 dB	0.50 dB
Run	2 / max. 15	max. 15
Stable	1 / 1	1
Max Stable Difference	0.00 dB	0.50 dB

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

Result

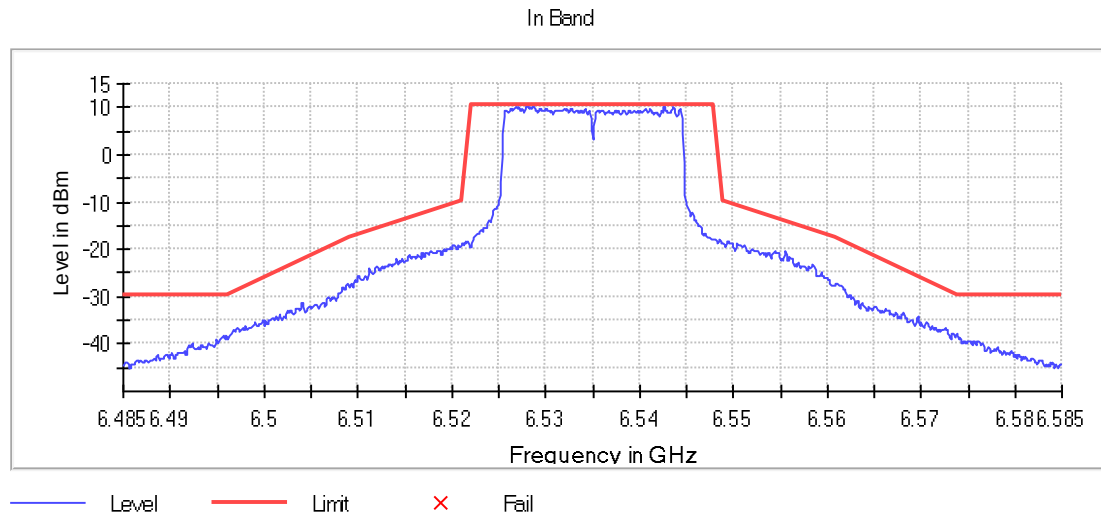
DUT Frequency (MHz)	Result
6535.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6528.650000	10.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6528.050000	10.3	0.0	10.4	PASS
6528.750000	10.3	0.0	10.4	PASS
6543.650000	10.2	0.1	10.4	PASS
6527.950000	10.1	0.3	10.4	PASS
6528.150000	10.0	0.3	10.4	PASS
6526.850000	10.0	0.3	10.4	PASS
6527.150000	10.0	0.3	10.4	PASS
6542.550000	10.0	0.4	10.4	PASS
6526.950000	9.9	0.4	10.4	PASS
6542.650000	9.9	0.4	10.4	PASS
6528.350000	9.9	0.4	10.4	PASS
6528.850000	9.9	0.5	10.4	PASS
6532.050000	9.9	0.5	10.4	PASS
6527.250000	9.9	0.5	10.4	PASS
6534.250000	9.9	0.5	10.4	PASS



Measurement 1

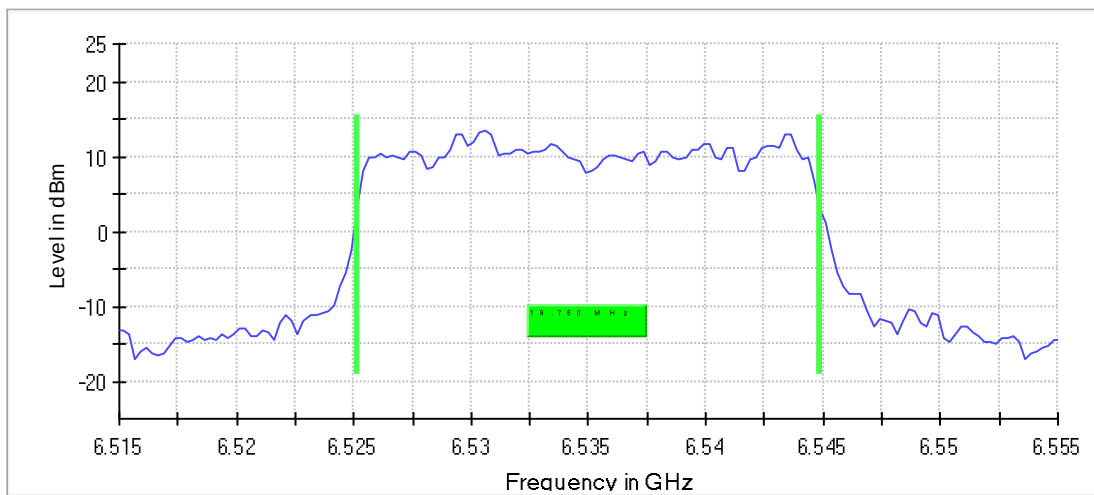
Setting	Instrument Value	Target Value
Start Frequency	6.48500 GHz	6.48500 GHz
Stop Frequency	6.58500 GHz	6.58500 GHz
Span	100.000 MHz	100.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	~ 800.000 kHz
SweepPoints	1000	~ 1000
SweepTime	1.050 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off

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

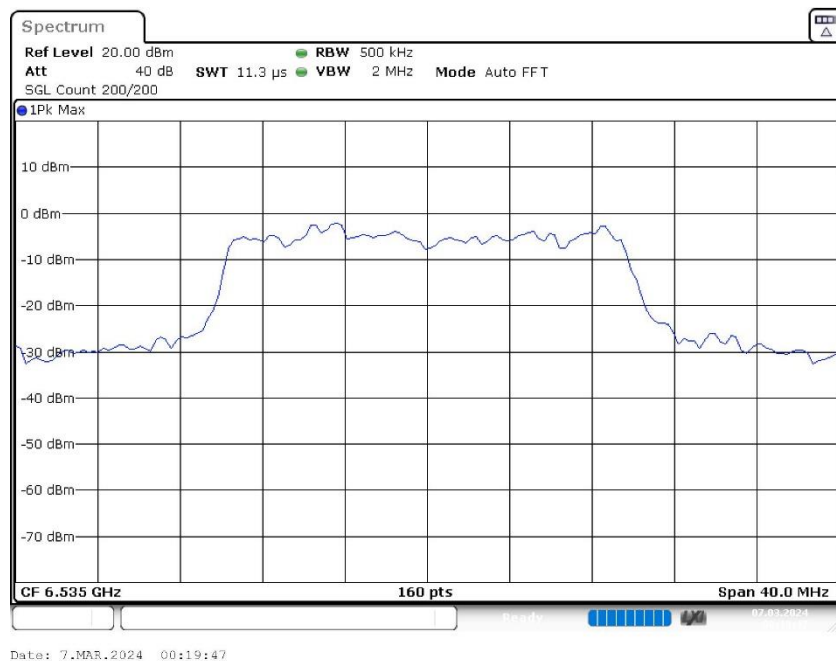
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6535.000000	19.750000	---	320.000000	6525.125000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6535.000000	6544.875000	7125.000000	PASS



Bandwidth



Measurement

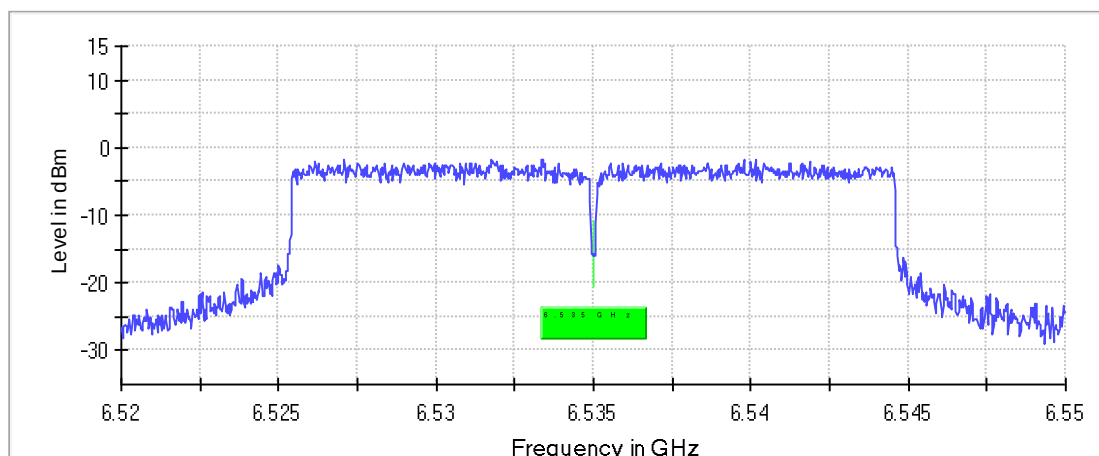
Setting	Instrument Value	Target Value
Start Frequency	6.51500 GHz	6.51500 GHz
Stop Frequency	6.55500 GHz	6.55500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	≥ 400.000 kHz
VBW	2.000 MHz	≥ 1.500 MHz
SweepPoints	160	~ 160
Sweptime	11.344 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm

Attenuation	40.000 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

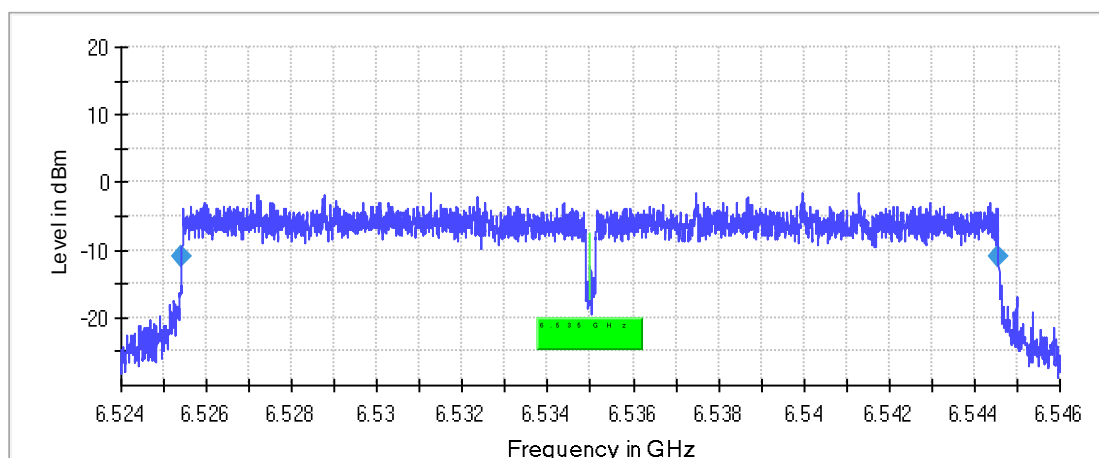
Frequency Stability (6535 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6535.000000	6534.995601	0.673	-4.399500	---	---	PASS



Center frequency Max Hold



Edge points Max Hold Center frequency

Measurement

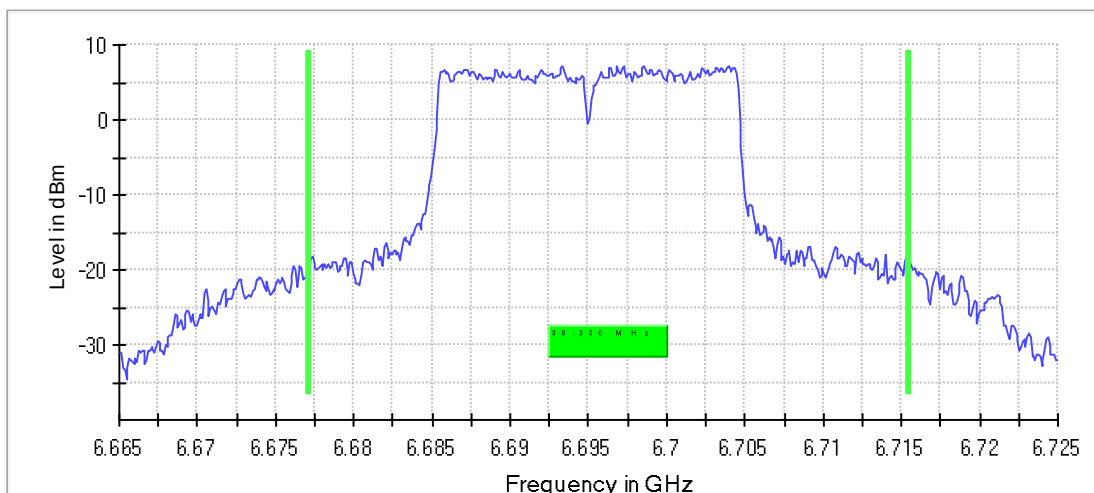
Setting	Instrument Value	Target Value
Start Frequency	6.52400 GHz	6.52400 GHz
Stop Frequency	6.54600 GHz	6.54600 GHz
Span	22.000 MHz	22.000 MHz
RBW	20.000 kHz	<= 22.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	10001	~ 10001
Sweptime	473.902 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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)

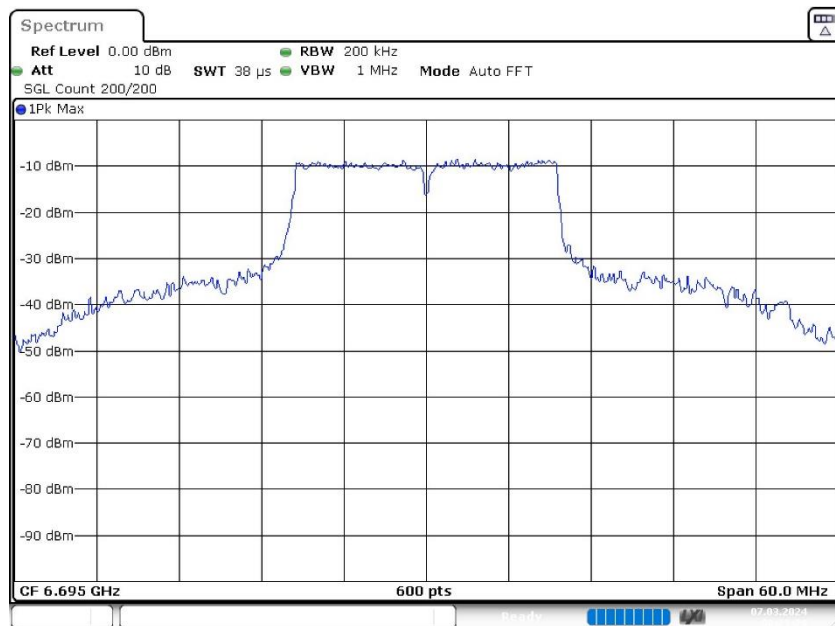
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6695.000000	38.300000	---	320.000000	6677.150000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6695.000000	6715.450000	---	7.3	PASS



Bandwidth



Date: 7.MAR.2024 00:21:29

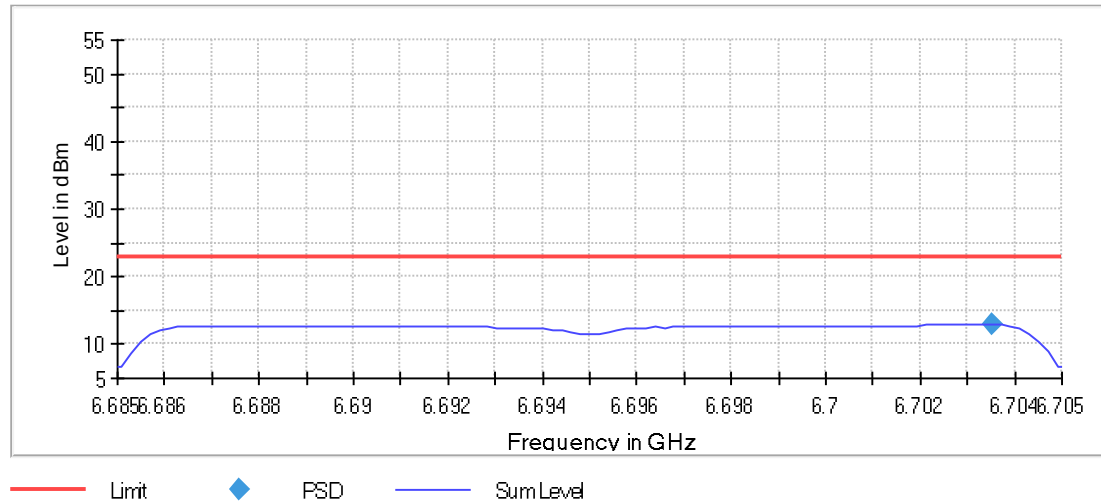
Power Spectral Density (SA-2) (6695 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6695.000000	6703.514851	12.983	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

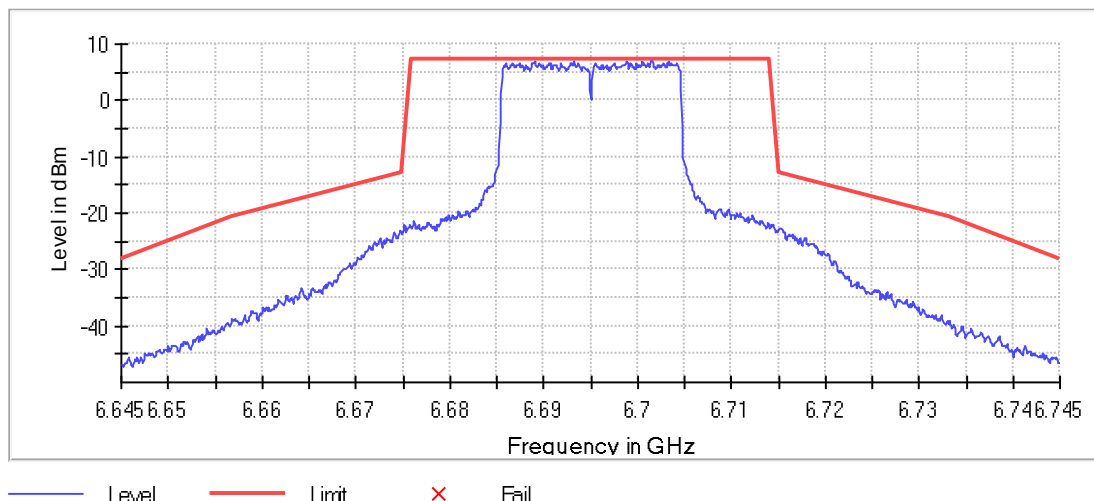
DUT Frequency (MHz)	Result
6695.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6701.450000	7.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6701.450000	7.2	0.0	7.2	PASS
6701.550000	7.2	0.0	7.2	PASS
6693.250000	7.1	0.1	7.2	PASS
6703.250000	6.8	0.4	7.2	PASS
6698.850000	6.8	0.4	7.2	PASS
6700.550000	6.8	0.4	7.2	PASS
6689.050000	6.8	0.5	7.2	PASS
6690.650000	6.7	0.5	7.2	PASS
6693.750000	6.7	0.5	7.2	PASS
6698.950000	6.7	0.5	7.2	PASS
6688.750000	6.7	0.6	7.2	PASS
6702.750000	6.7	0.6	7.2	PASS
6695.550000	6.7	0.6	7.2	PASS
6688.950000	6.6	0.6	7.2	PASS
6703.650000	6.6	0.6	7.2	PASS

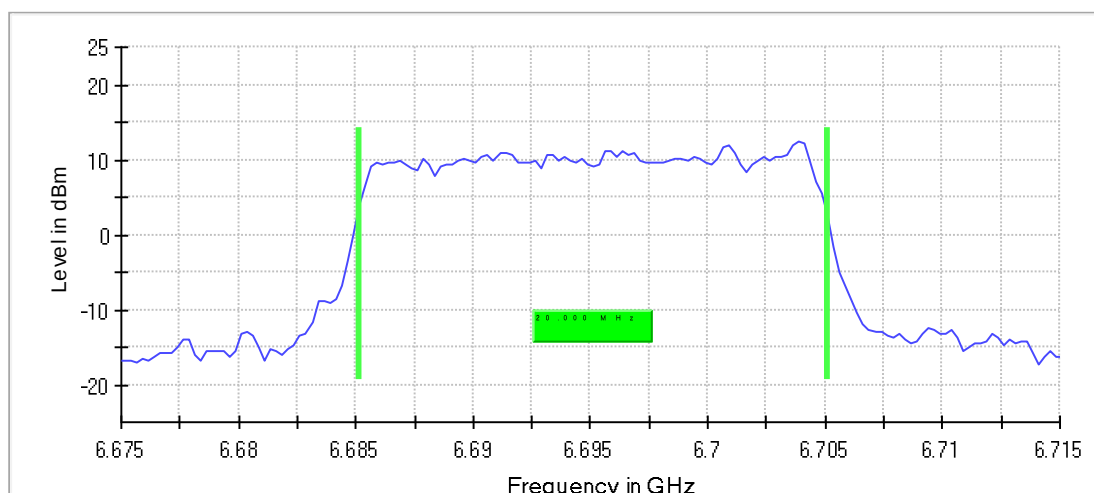


Occupied Channel Bandwidth 99% (6695 MHz; 24.000 dBm; 20 MHz)

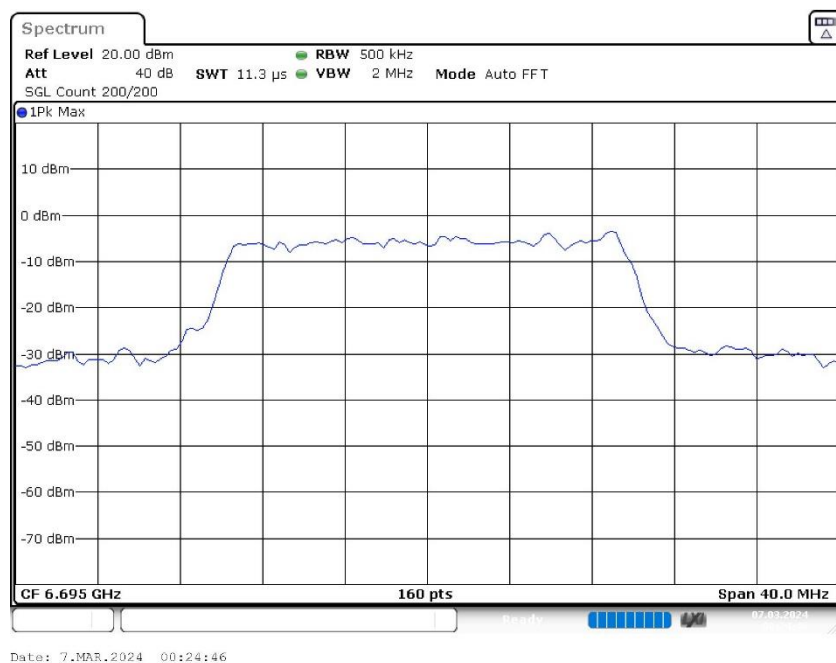
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6695.000000	20.000000	---	320.000000	6685.125000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6695.000000	6705.125000	7125.000000	PASS



Bandwidth



Measurement

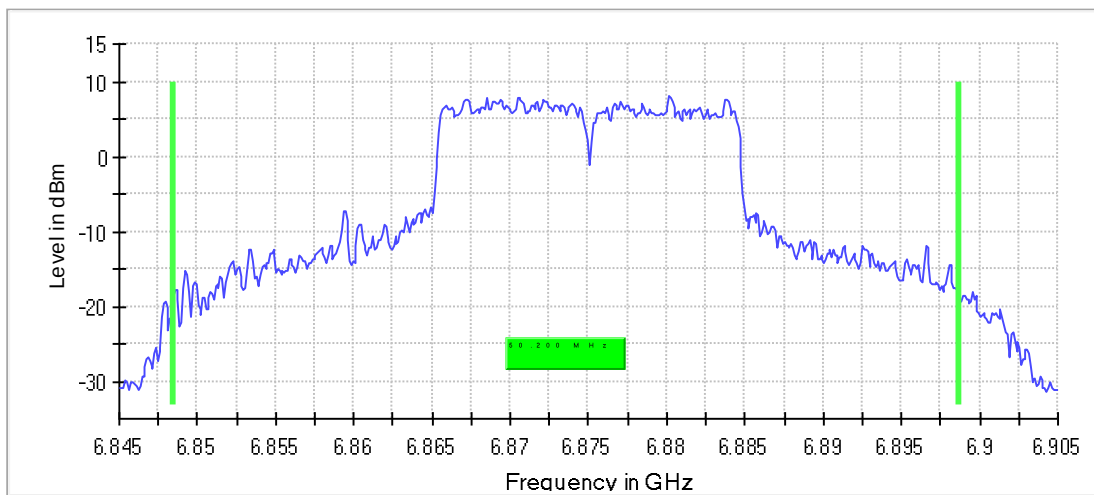
Setting	Instrument Value	Target Value
Start Frequency	6.67500 GHz	6.67500 GHz
Stop Frequency	6.71500 GHz	6.71500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	≥ 400.000 kHz
VBW	2.000 MHz	≥ 1.500 MHz
SweepPoints	160	~ 160
Sweptime	11.344 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

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

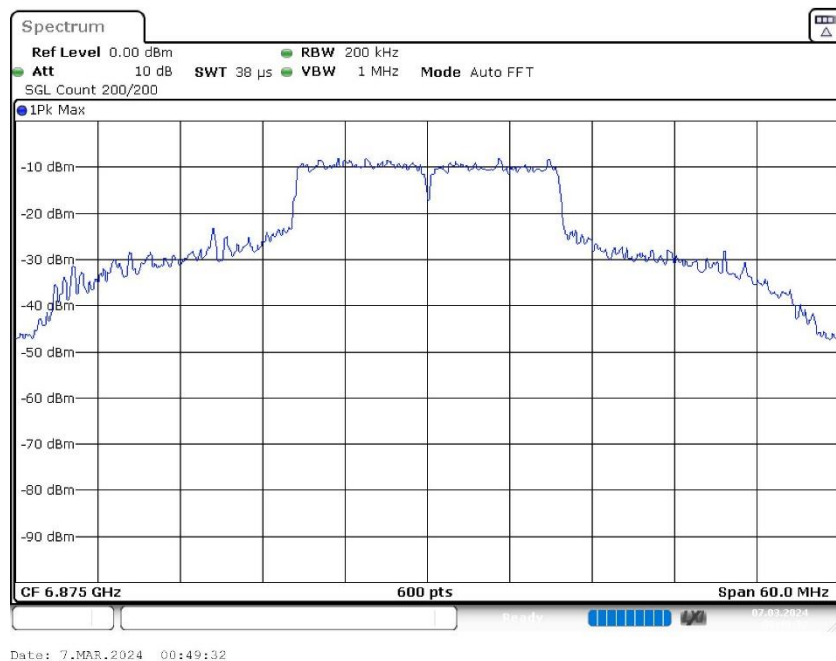
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	50.200000	26.550000	23.650000	---	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	6848.450000	---	6898.650000	---	8.0	PASS



Bandwidth



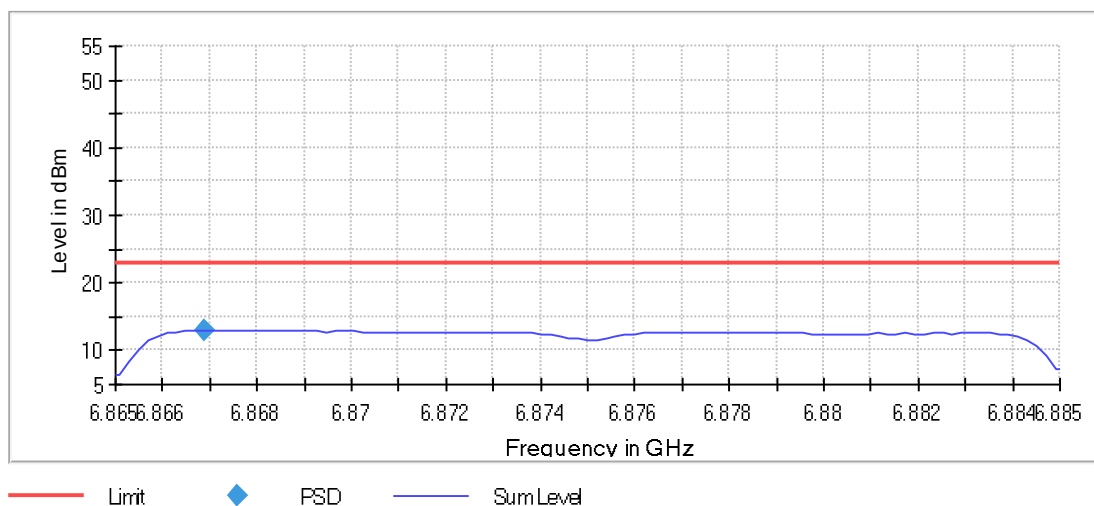
Power Spectral Density (SA-2) (6875 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6875.000000	6866.881188	12.971	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

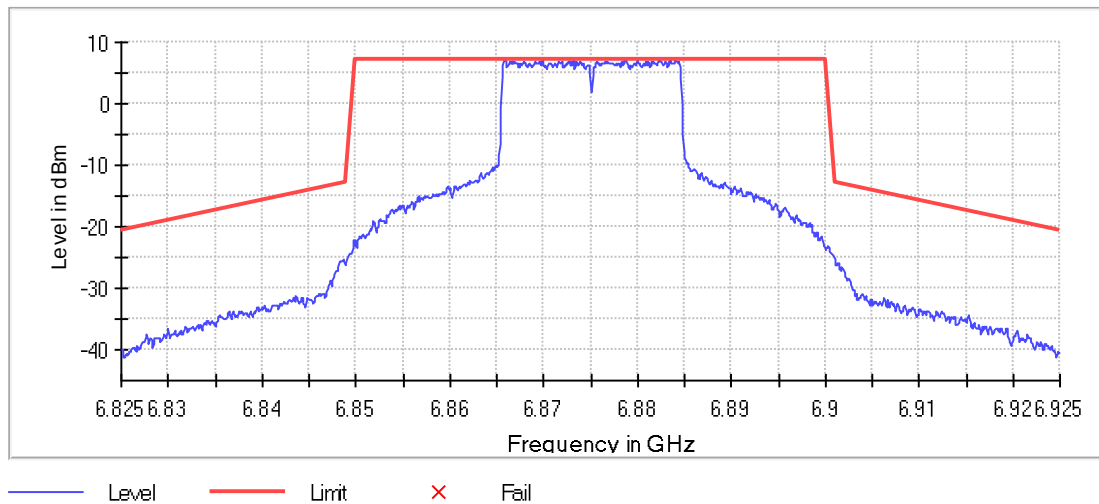
DUT Frequency (MHz)	Result
6875.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6878.650000	7.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6878.650000	7.3	0.0	7.3	PASS
6865.850000	7.3	0.0	7.3	PASS
6884.050000	7.2	0.1	7.3	PASS
6878.750000	7.2	0.1	7.3	PASS
6882.250000	7.2	0.2	7.3	PASS
6883.550000	7.1	0.2	7.3	PASS
6869.850000	7.1	0.2	7.3	PASS
6879.950000	7.1	0.2	7.3	PASS
6865.750000	7.1	0.2	7.3	PASS
6873.150000	7.0	0.3	7.3	PASS
6882.350000	7.0	0.3	7.3	PASS
6873.050000	7.0	0.3	7.3	PASS
6881.650000	7.0	0.3	7.3	PASS
6871.650000	7.0	0.3	7.3	PASS
6881.550000	7.0	0.3	7.3	PASS

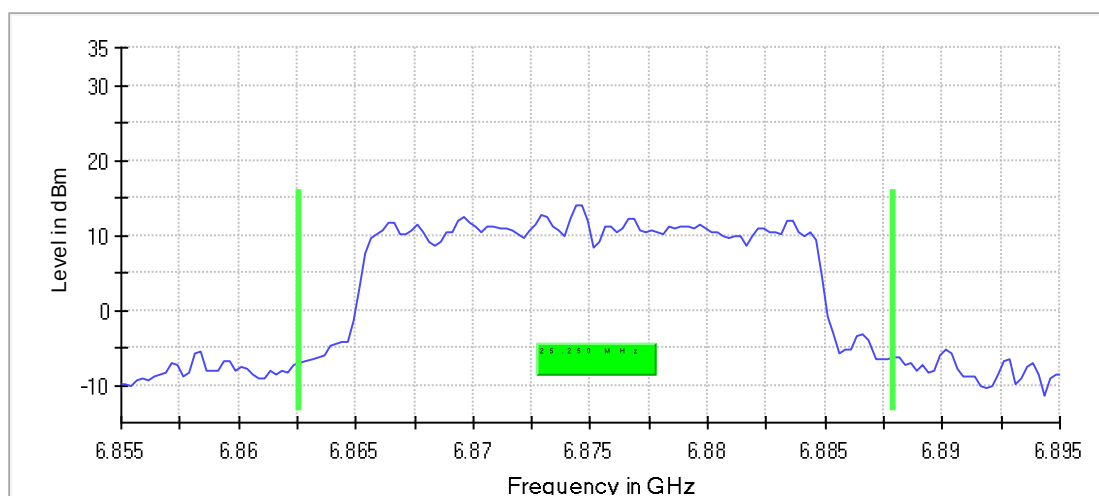


Occupied Channel Bandwidth 99% (6875 MHz; 24.000 dBm; 20 MHz)

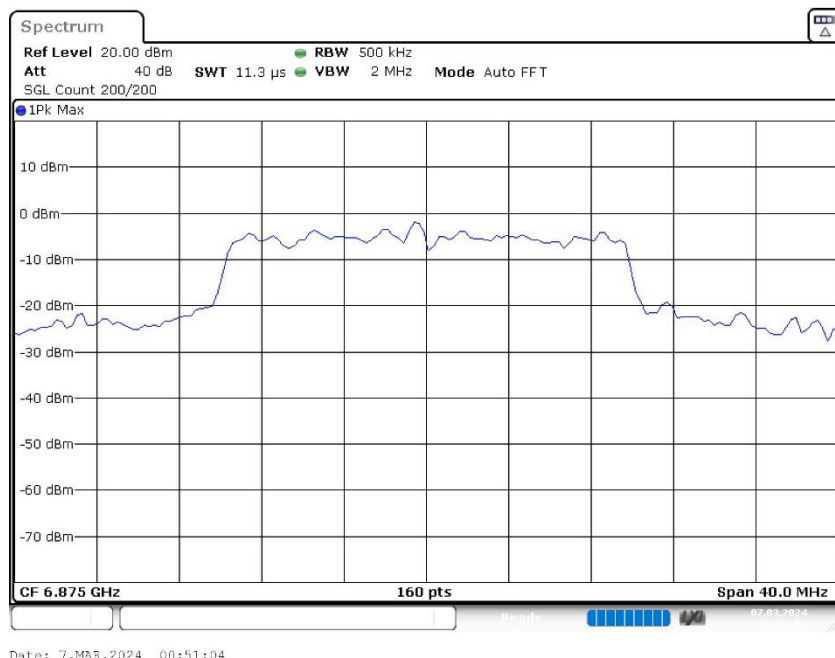
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	25.250000	12.375000	12.875000	---	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	6862.625000	5925.000000	6887.875000	7125.000000	PASS



Bandwidth



Measurement

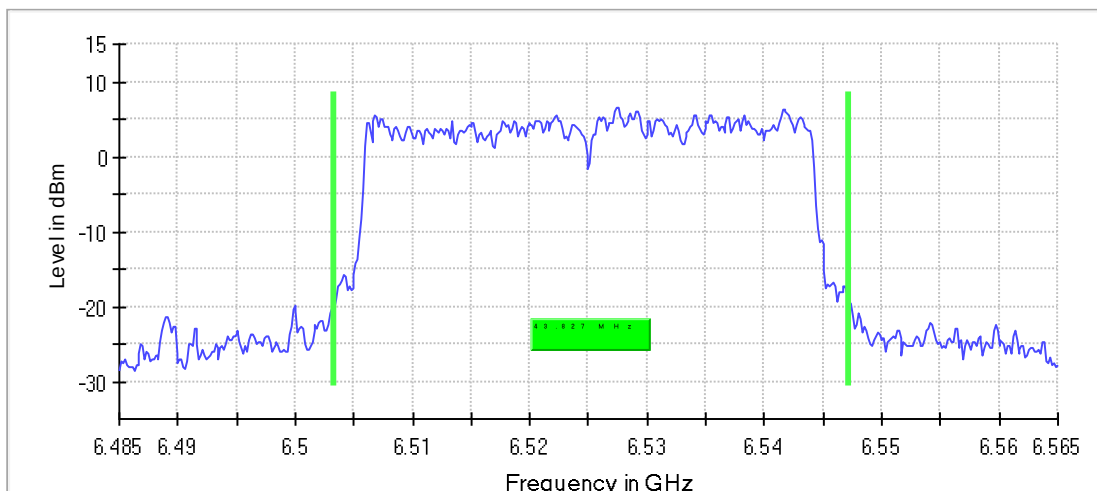
Setting	Instrument Value	Target Value
Start Frequency	6.85500 GHz	6.85500 GHz
Stop Frequency	6.89500 GHz	6.89500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
SweepTime	11.344 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

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

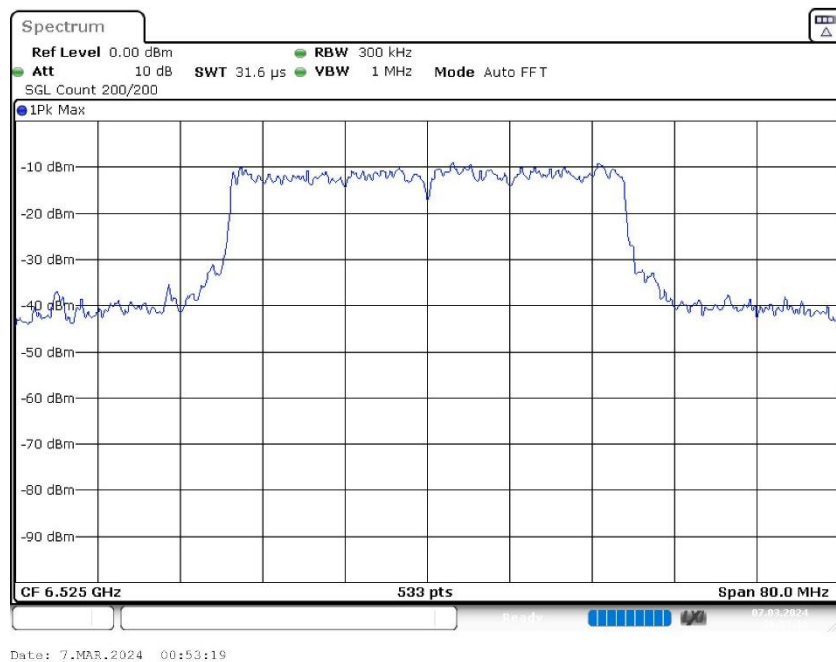
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6525.000000	43.827392	21.613508	22.213884	---	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	6503.386492	---	6547.213884	---	6.6	PASS



Bandwidth



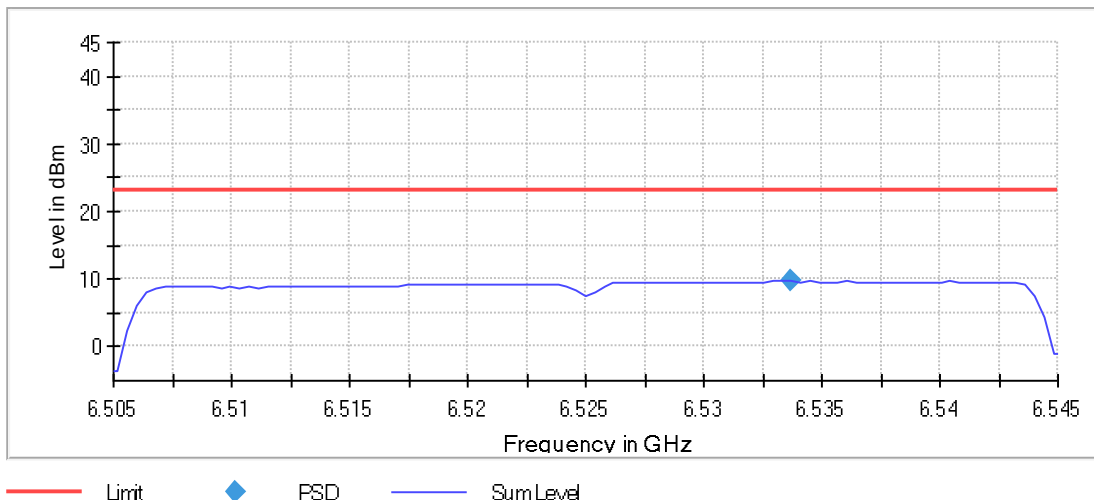
Power Spectral Density (SA-2) (6525 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6525.000000	6533.712871	9.691	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

DUT Frequency (MHz)	Result
6525.000000	PASS

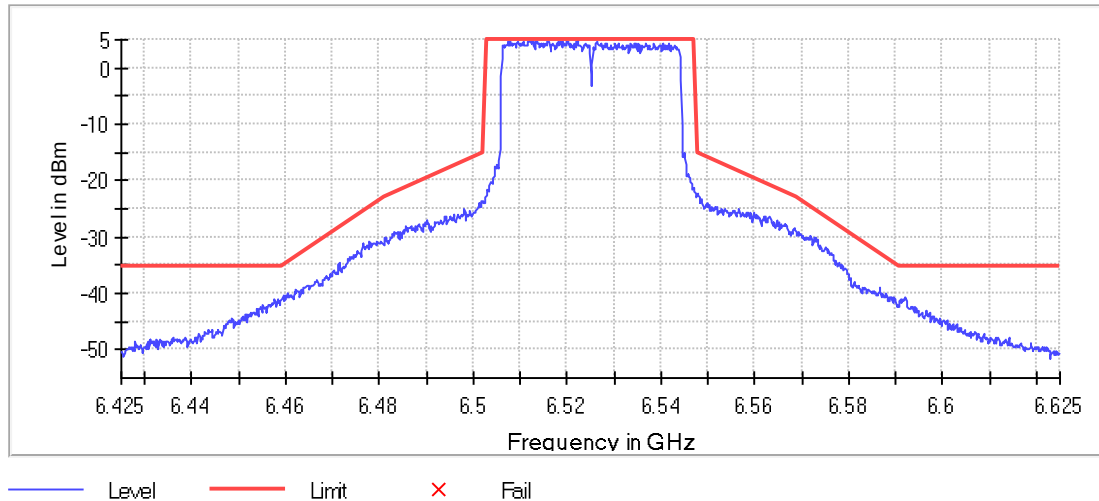
Inband Peak

Frequency (MHz)	Level (dBm)
6522.299325	4.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6521.999250	4.7	0.2	4.9	PASS
6512.546887	4.7	0.2	4.9	PASS
6516.147787	4.7	0.2	4.9	PASS
6513.597149	4.7	0.2	4.9	PASS
6526.350338	4.7	0.2	4.9	PASS
6520.048762	4.7	0.2	4.9	PASS
6518.998500	4.7	0.2	4.9	PASS
6512.096774	4.7	0.2	4.9	PASS
6520.198800	4.6	0.2	4.9	PASS
6509.396099	4.6	0.3	4.9	PASS
6512.696924	4.6	0.3	4.9	PASS
6511.946737	4.6	0.3	4.9	PASS
6511.796699	4.6	0.3	4.9	PASS
6507.895724	4.6	0.3	4.9	PASS

6518.548387	4.6	0.3	4.9	PASS
-------------	-----	-----	-----	------

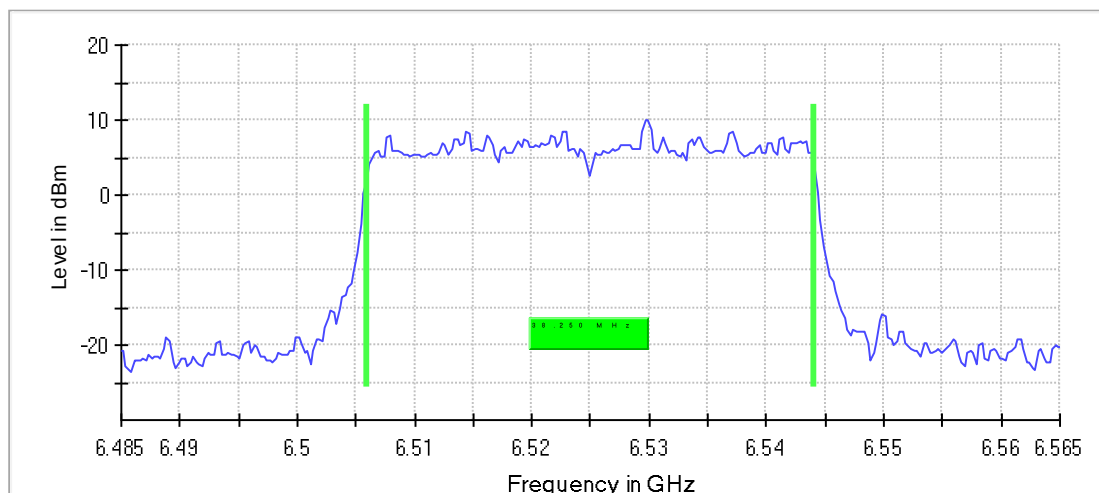


Occupied Channel Bandwidth 99% (6525 MHz; 24.000 dBm; 40 MHz)

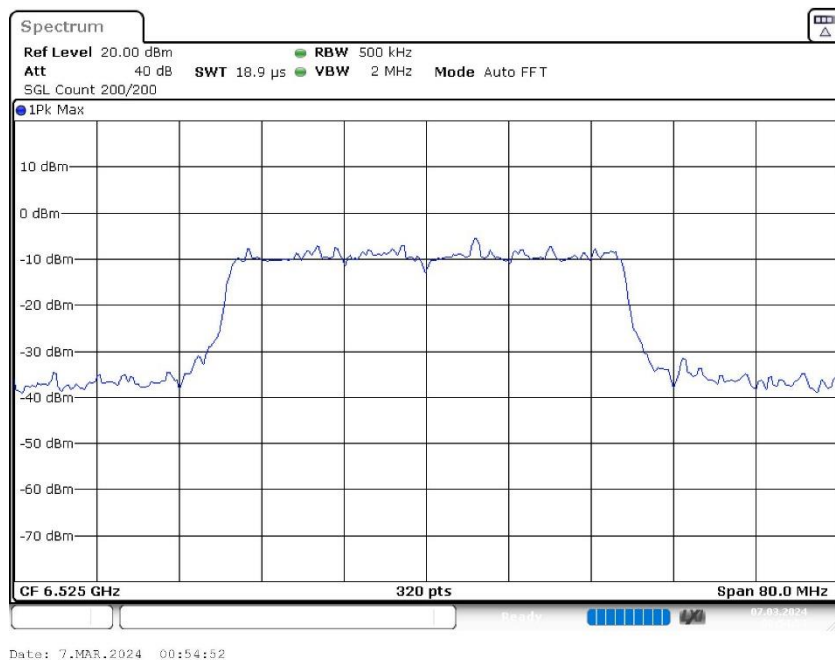
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6525.000000	38.250000	19.125000	19.125000	---	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	6505.875000	5925.000000	6544.125000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.48500 GHz	6.48500 GHz
Stop Frequency	6.56500 GHz	6.56500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	18.906 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

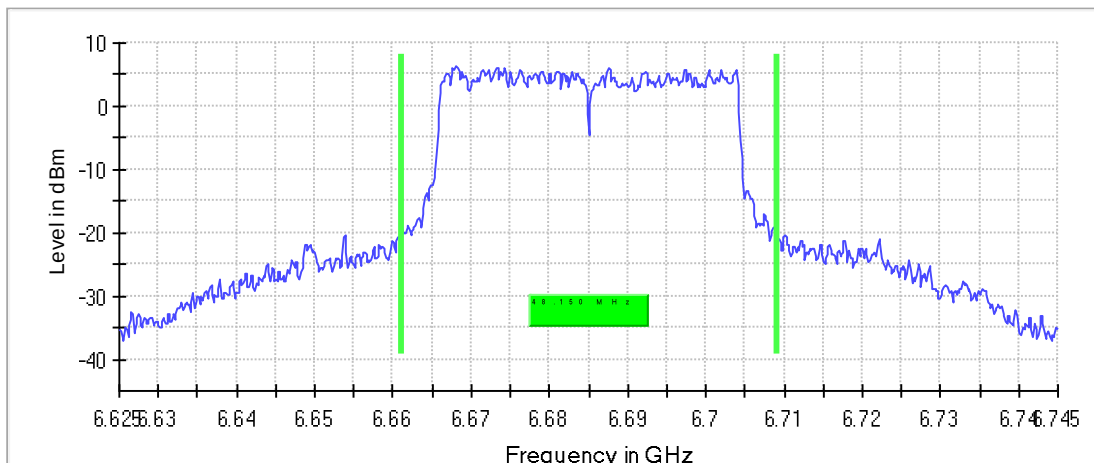
Emission Bandwidth 26 dB (6685 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

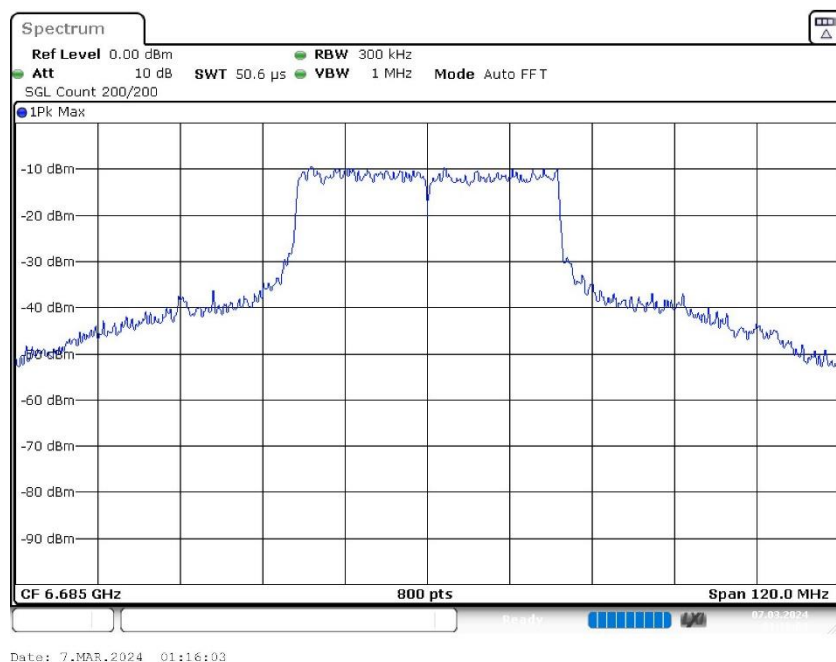
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6685.000000	48.150000	---	320.000000	6661.075000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6685.000000	6709.225000	---	6.3	PASS

26 dB Bandwidth



Bandwidth



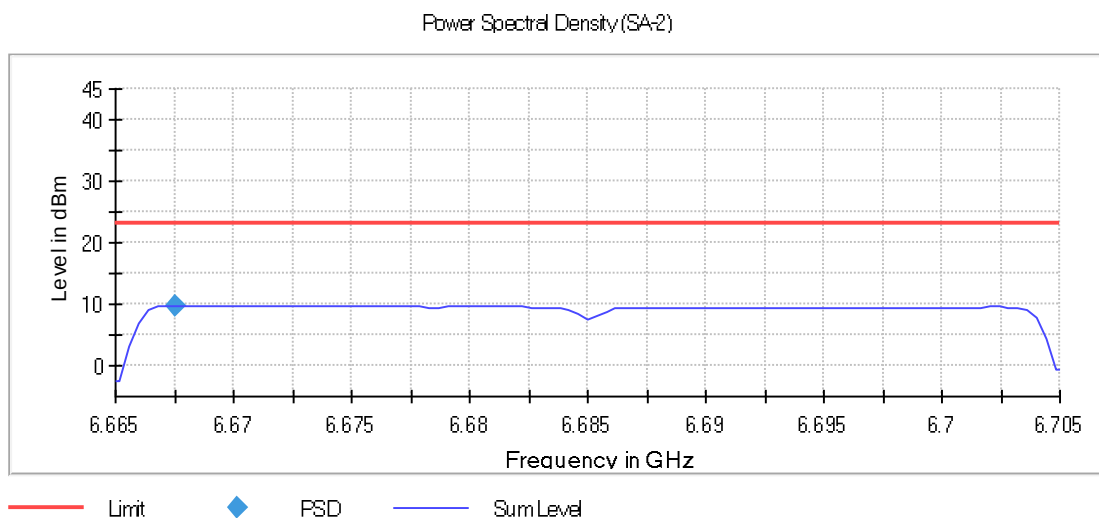
Power Spectral Density (SA-2) (6685 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6685.000000	6667.574257	9.794	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

DUT Frequency (MHz)	Result
6525.000000	PASS

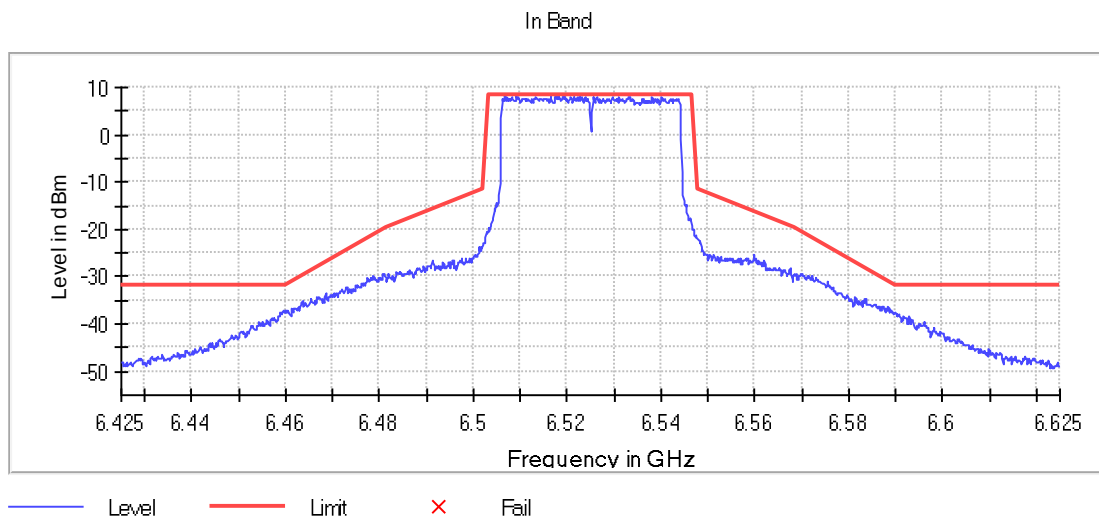
Inband Peak

Frequency (MHz)	Level (dBm)
6518.248312	8.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6518.248312	8.3	0.0	8.3	PASS
6517.648162	8.2	0.1	8.3	PASS
6506.845461	8.2	0.2	8.3	PASS
6509.096024	8.2	0.2	8.3	PASS
6519.298575	8.2	0.2	8.3	PASS
6521.549137	8.1	0.2	8.3	PASS
6522.749437	8.1	0.2	8.3	PASS
6526.350338	8.1	0.3	8.3	PASS
6525.600150	8.0	0.3	8.3	PASS
6518.398350	8.0	0.3	8.3	PASS
6520.798950	8.0	0.3	8.3	PASS
6506.695424	8.0	0.4	8.3	PASS
6533.252063	8.0	0.4	8.3	PASS

6517.798200	8.0	0.4	8.3	PASS
6520.648912	8.0	0.4	8.3	PASS



Measurement 1

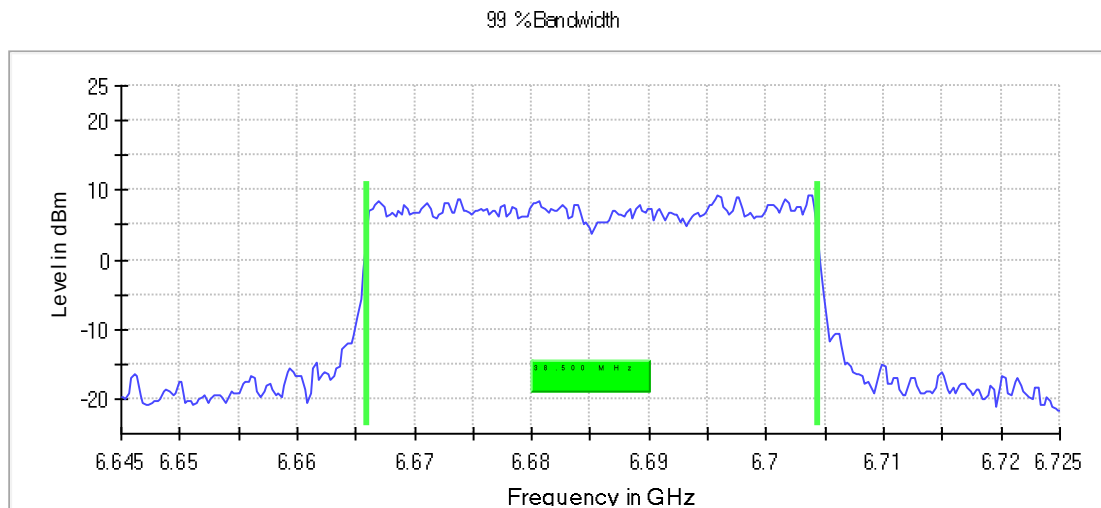
Setting	Instrument Value	Target Value
Start Frequency	6.42500 GHz	6.42500 GHz
Stop Frequency	6.62500 GHz	6.62500 GHz
Span	200.000 MHz	200.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	~ 1.200 MHz
SweepPoints	1333	~ 1333
SweepTime	1.340 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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% (6685 MHz; 24.000 dBm; 40 MHz)

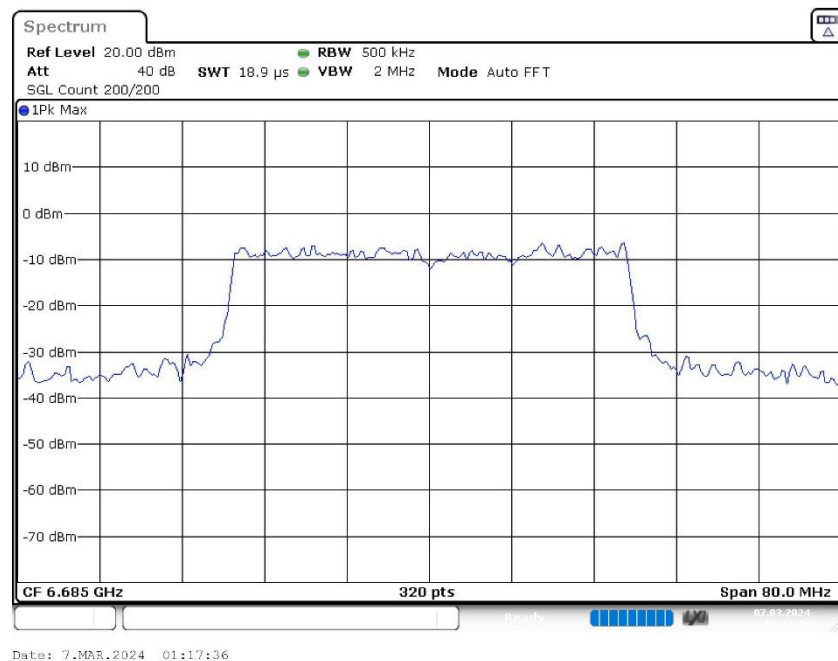
99 % Bandwidth

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	6665.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6685.000000	6704.375000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.64500 GHz	6.64500 GHz
Stop Frequency	6.72500 GHz	6.72500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	≥ 400.000 kHz
VBW	2.000 MHz	≥ 1.500 MHz
SweepPoints	320	~ 320
Sweptime	18.906 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm

Attenuation	40.000 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

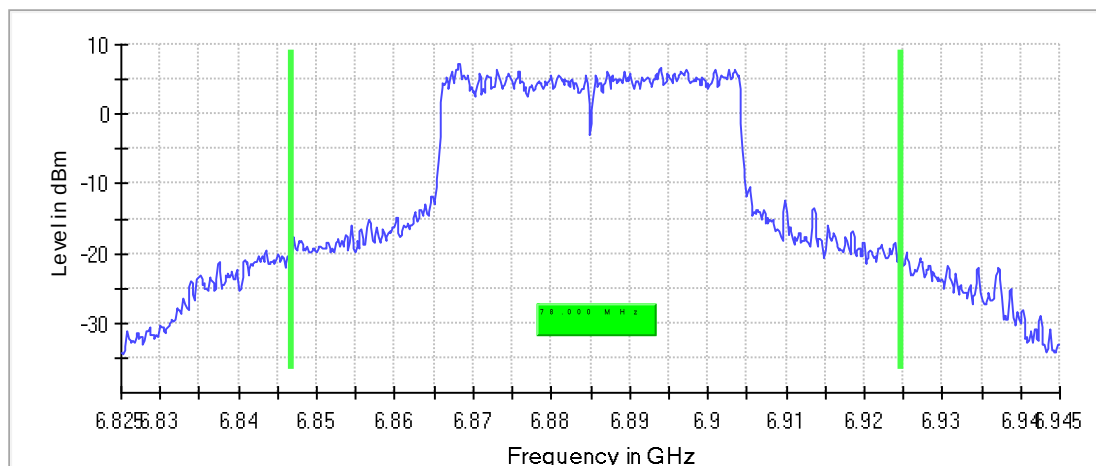
Emission Bandwidth 26 dB (6885 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

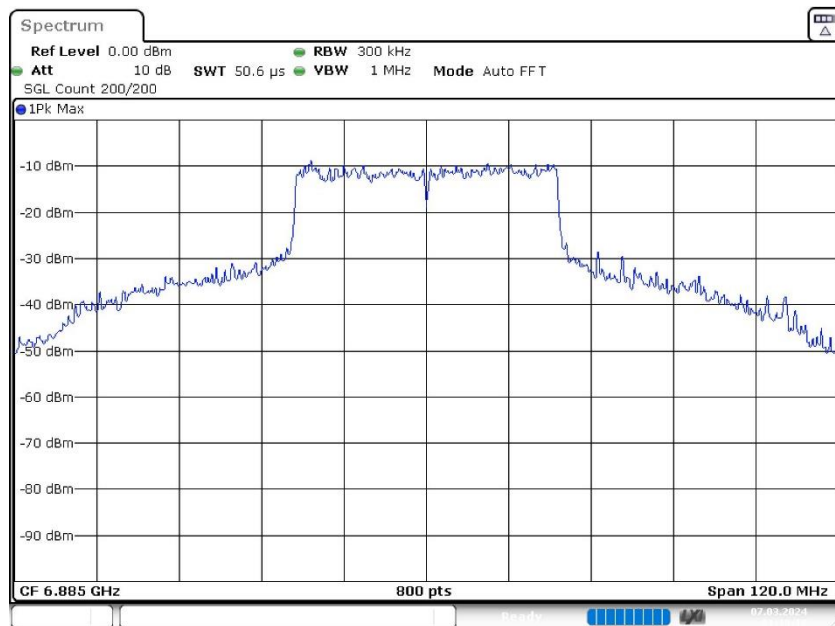
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	78.000000	28.175000	49.825000	---	320.000000

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	6846.825000	---	6924.825000	---	7.3	PASS

26 dB Bandwidth



Bandwidth



Date: 7.MAR.2024 01:19:12

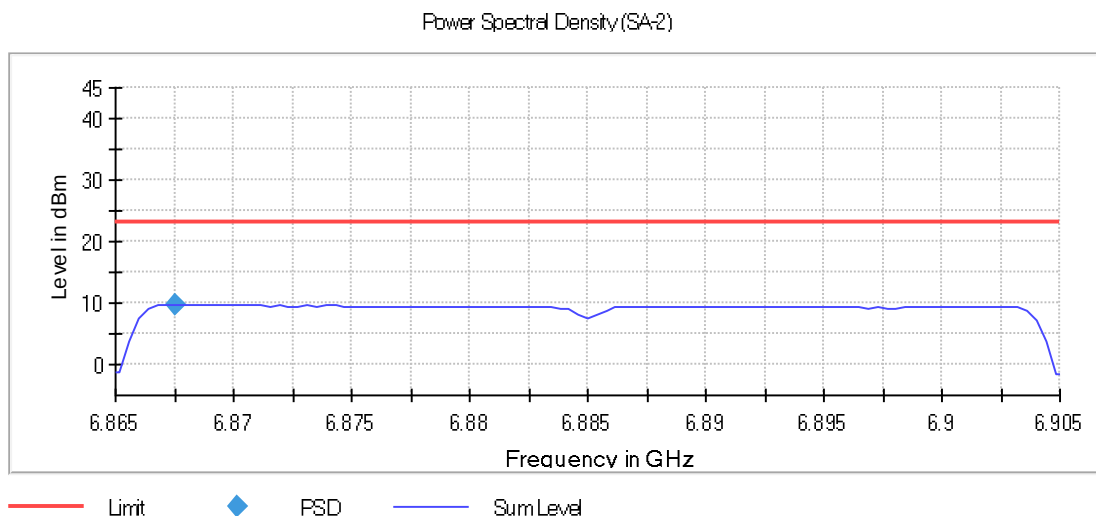
Power Spectral Density (SA-2) (6885 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6885.000000	6867.574257	9.825	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

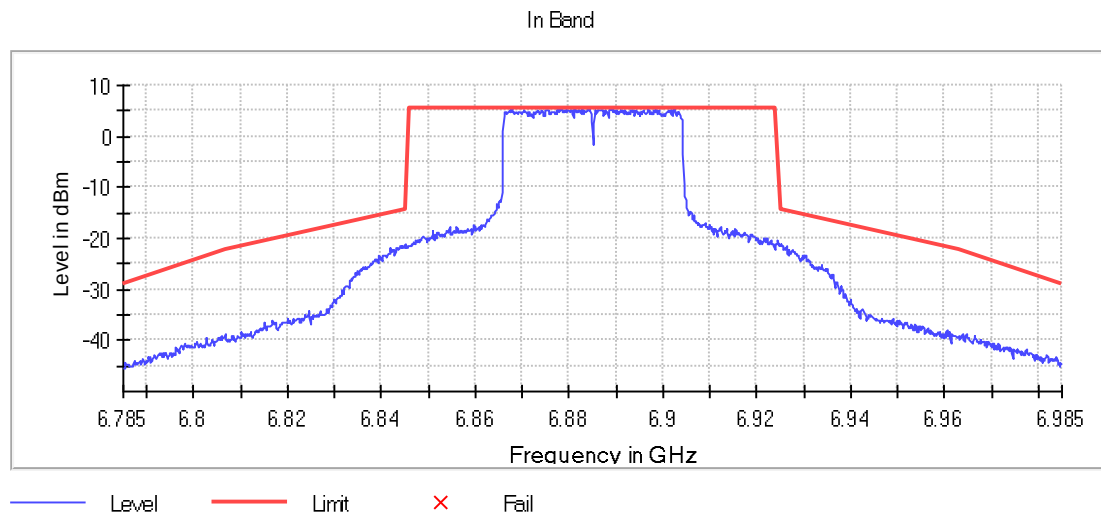
DUT Frequency (MHz)	Result
6885.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6881.249062	5.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6878.248312	5.5	0.1	5.6	PASS
6902.404351	5.5	0.1	5.6	PASS
6877.648162	5.5	0.2	5.6	PASS
6888.900975	5.4	0.2	5.6	PASS
6884.399850	5.4	0.2	5.6	PASS
6896.702926	5.4	0.2	5.6	PASS
6878.398350	5.4	0.2	5.6	PASS
6889.201050	5.4	0.2	5.6	PASS
6877.798200	5.4	0.2	5.6	PASS
6888.750938	5.4	0.2	5.6	PASS
6882.899475	5.4	0.3	5.6	PASS
6883.949737	5.3	0.3	5.6	PASS
6867.895724	5.3	0.3	5.6	PASS
6896.852963	5.3	0.3	5.6	PASS
6887.250563	5.3	0.3	5.6	PASS

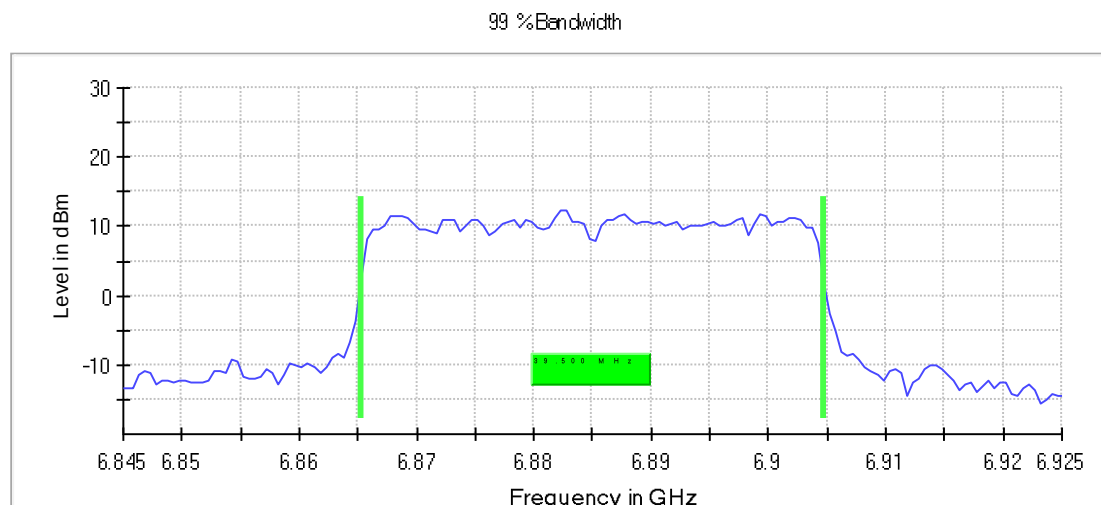


Occupied Channel Bandwidth 99% (6885 MHz; 24.000 dBm; 40 MHz)

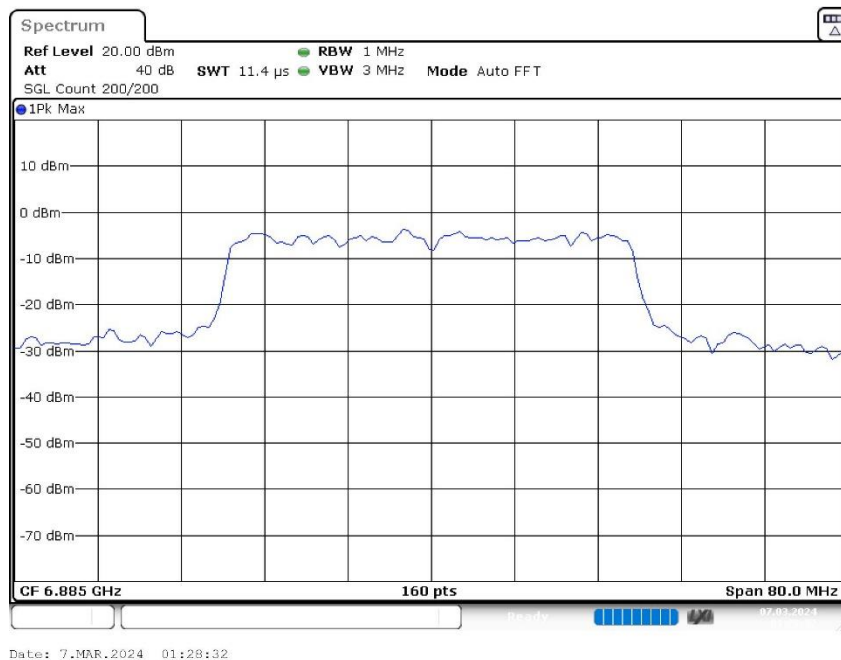
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	39.500000	9.750000	29.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6885.000000	6865.250000	5925.000000	6904.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.84500 GHz	6.84500 GHz
Stop Frequency	6.92500 GHz	6.92500 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	≥ 800.000 kHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	160	~ 160
SweepTime	11.438 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

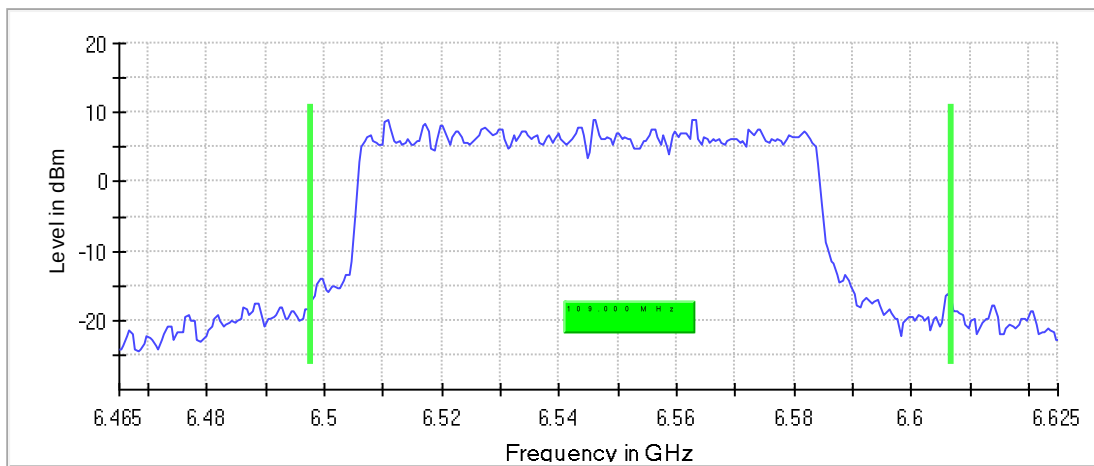
Emission Bandwidth 26 dB (6545 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

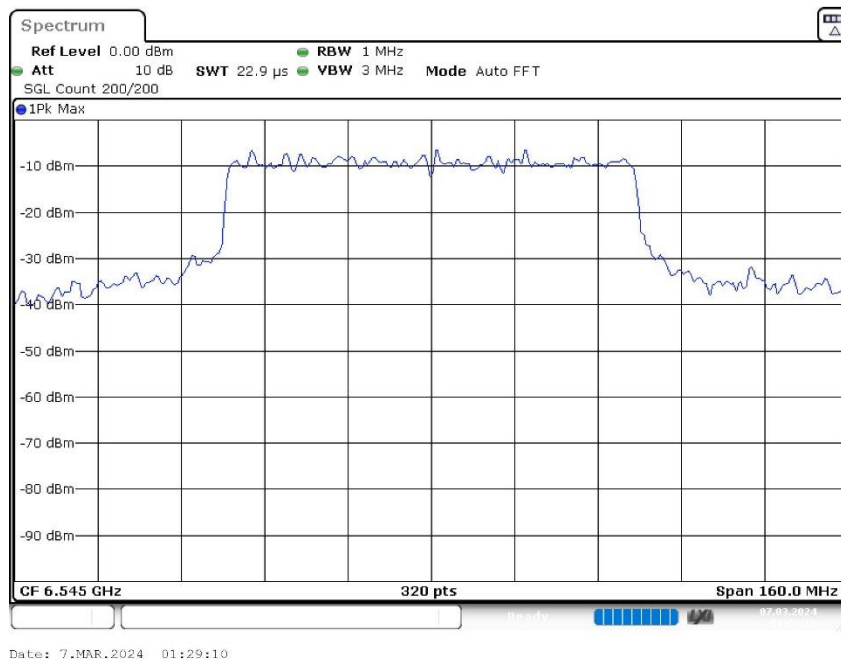
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	109.000000	27.250000	81.750000	---	320.000000

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
6545.000000	6497.750000	---	6606.750000	---	9.0	PASS

26 dB Bandwidth



Bandwidth



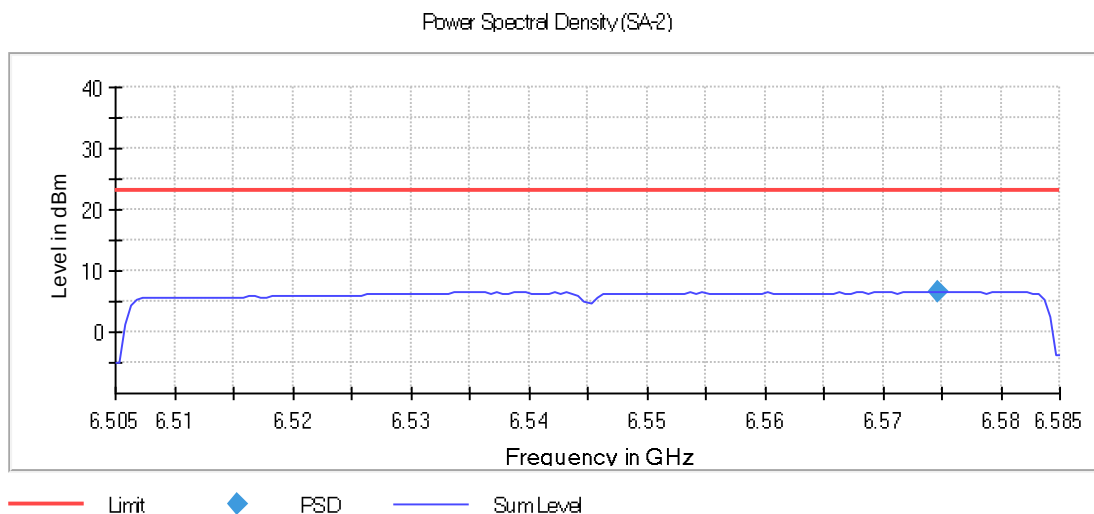
Power Spectral Density (SA-2) (6545 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6545.000000	6574.750000	6.564	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

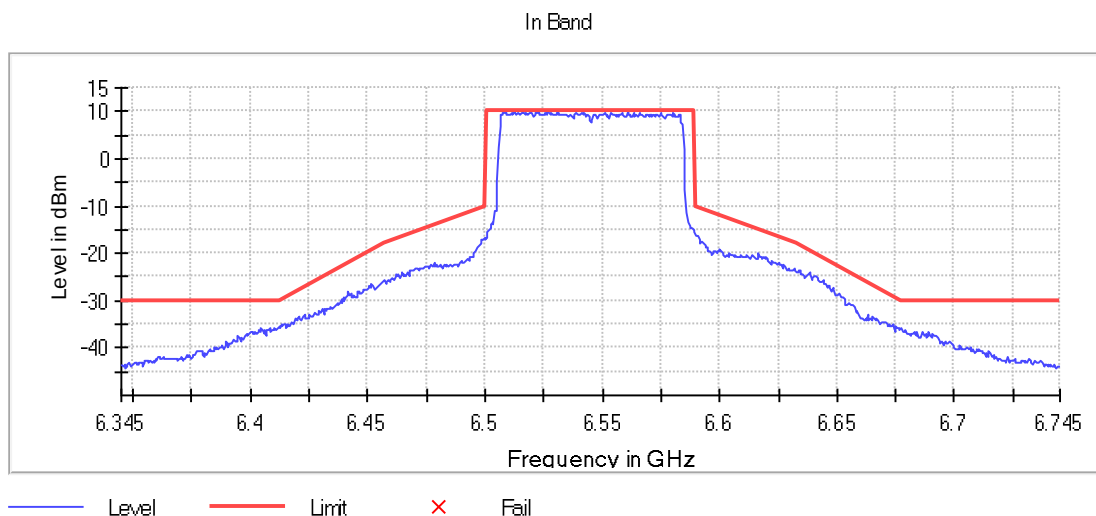
DUT Frequency (MHz)	Result
6545.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6526.750000	10.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6526.750000	10.0	0.0	10.0	PASS
6560.750000	10.0	0.1	10.0	PASS
6512.750000	9.9	0.1	10.0	PASS
6565.750000	9.9	0.1	10.0	PASS
6513.750000	9.9	0.2	10.0	PASS
6515.750000	9.8	0.2	10.0	PASS
6508.750000	9.8	0.2	10.0	PASS
6558.250000	9.7	0.3	10.0	PASS
6512.250000	9.7	0.3	10.0	PASS
6531.250000	9.7	0.3	10.0	PASS
6538.750000	9.7	0.3	10.0	PASS
6514.250000	9.7	0.3	10.0	PASS
6522.750000	9.7	0.3	10.0	PASS
6517.750000	9.7	0.3	10.0	PASS
6574.750000	9.7	0.4	10.0	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.34500 GHz	6.34500 GHz
Stop Frequency	6.74500 GHz	6.74500 GHz
Span	400.000 MHz	400.000 MHz
RBW	1.000 MHz	~ 800.000 kHz
VBW	3.000 MHz	~ 4.000 MHz
SweepPoints	800	~ 800
SweepTime	1.000 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

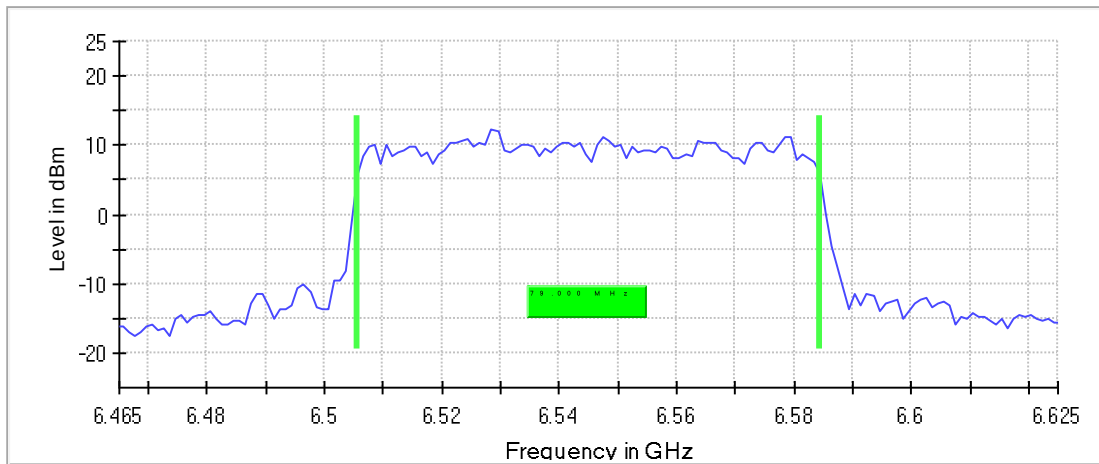
Occupied Channel Bandwidth 99% (6545 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

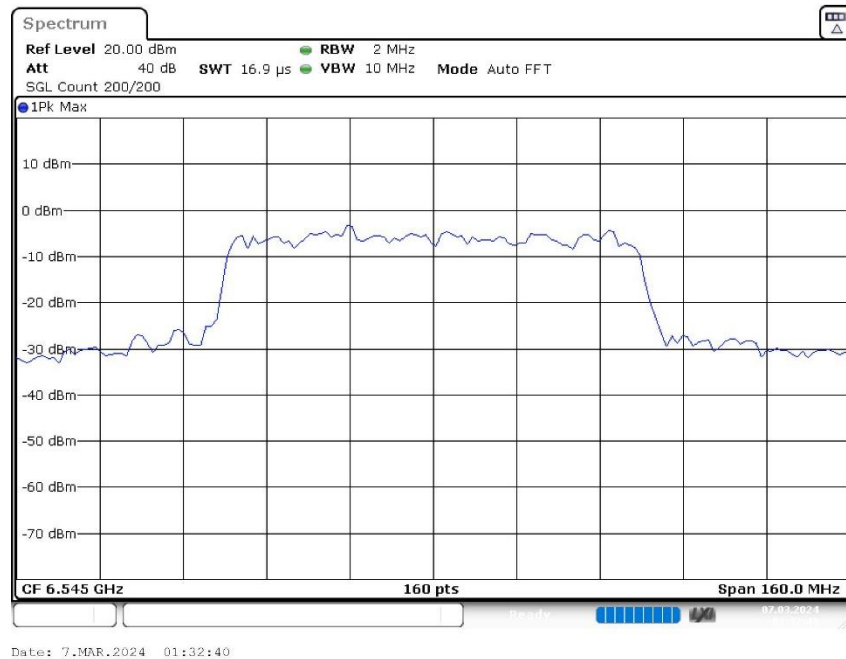
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	79.000000	19.500000	59.500000	---	320.000000

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



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.46500 GHz	6.46500 GHz
Stop Frequency	6.62500 GHz	6.62500 GHz
Span	160.000 MHz	160.000 MHz
RBW	2.000 MHz	≥ 1.600 MHz
VBW	10.000 MHz	≥ 6.000 MHz
SweepPoints	160	~ 160
Sweptime	16.875 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm

Attenuation	40.000 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

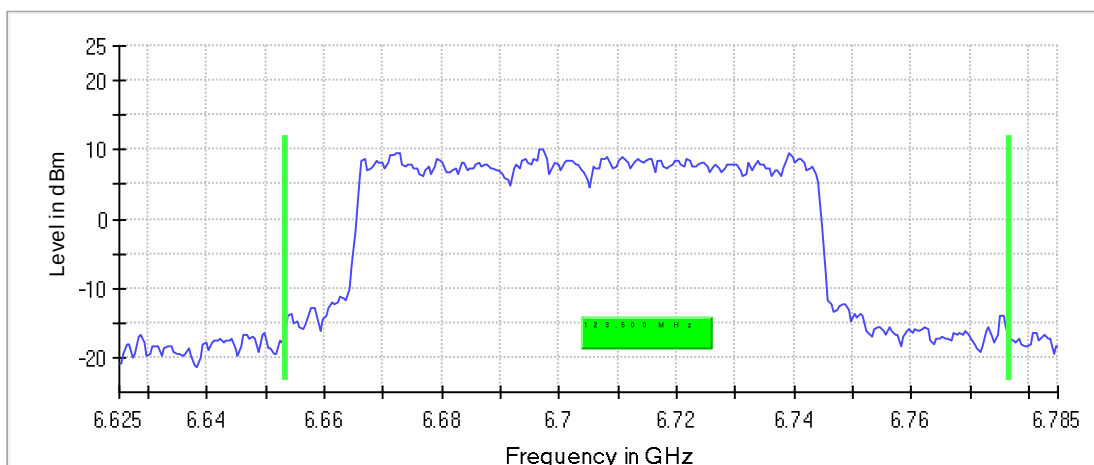
Emission Bandwidth 26 dB (6705 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

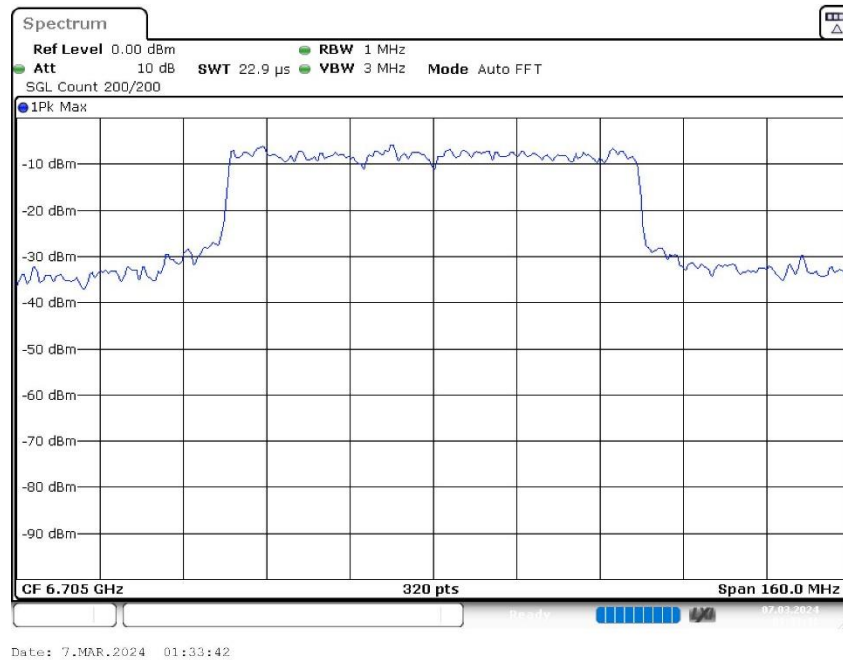
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6705.000000	123.500000	---	320.000000	6653.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6705.000000	6776.750000	---	10.0	PASS

26 dB Bandwidth



Bandwidth



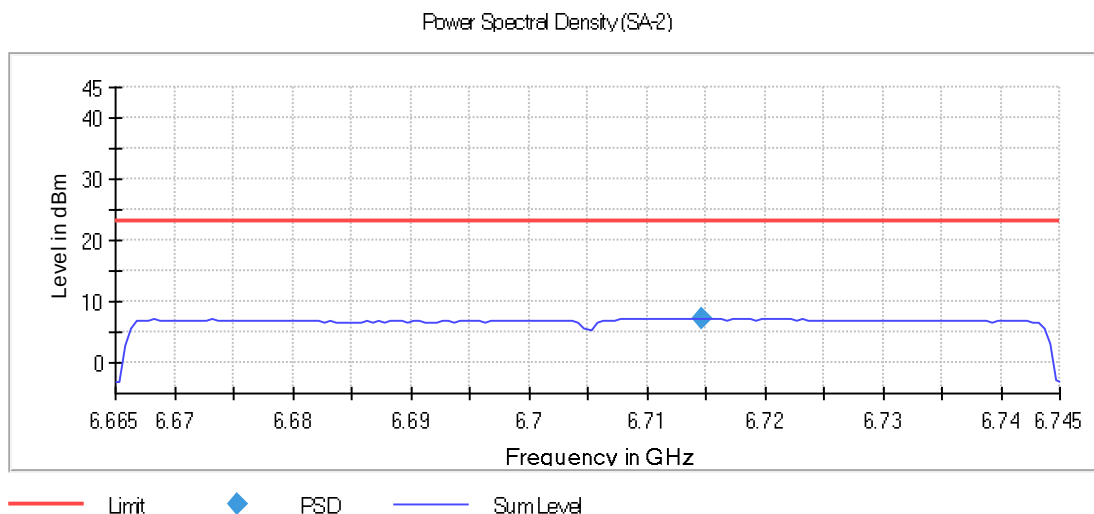
Power Spectral Density (SA-2) (6705 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6714.750000	7.259	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

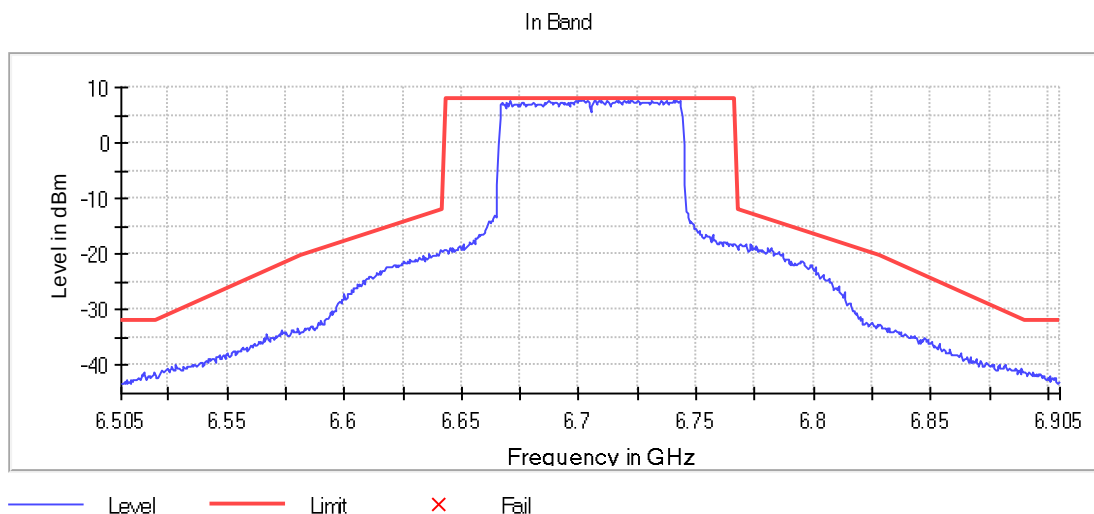
DUT Frequency (MHz)	Result
6705.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6706.750000	7.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6706.750000	7.9	0.0	7.9	PASS
6740.750000	7.9	0.1	7.9	PASS
6701.750000	7.8	0.1	7.9	PASS
6711.750000	7.8	0.2	7.9	PASS
6725.250000	7.7	0.2	7.9	PASS
6722.250000	7.7	0.2	7.9	PASS
6719.250000	7.7	0.2	7.9	PASS
6698.750000	7.7	0.3	7.9	PASS
6731.250000	7.7	0.3	7.9	PASS
6709.750000	7.7	0.3	7.9	PASS
6701.250000	7.7	0.3	7.9	PASS
6719.750000	7.6	0.3	7.9	PASS
6717.250000	7.6	0.3	7.9	PASS
6716.250000	7.6	0.3	7.9	PASS
6700.250000	7.6	0.3	7.9	PASS

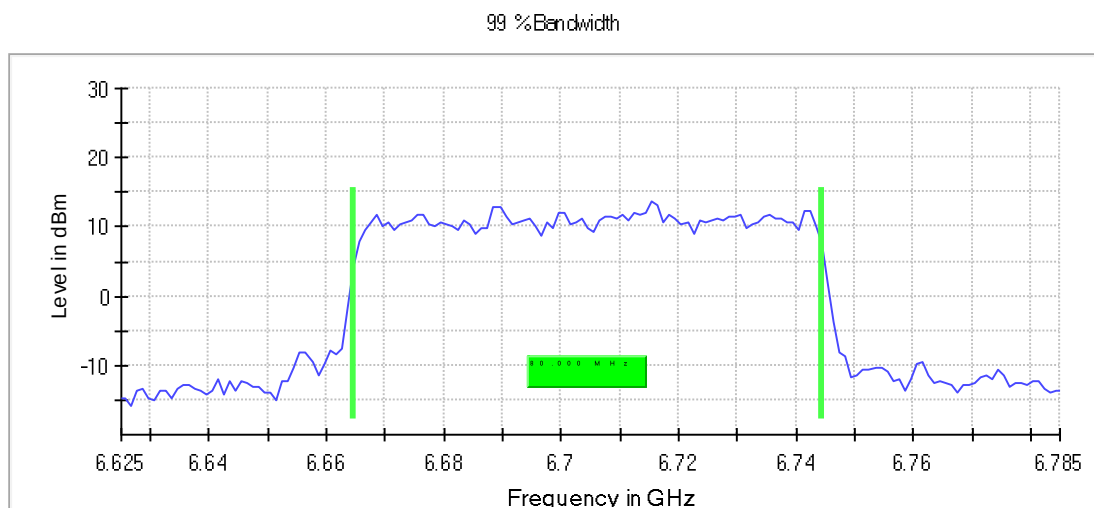


Occupied Channel Bandwidth 99% (6705 MHz; 24.000 dBm; 80 MHz)

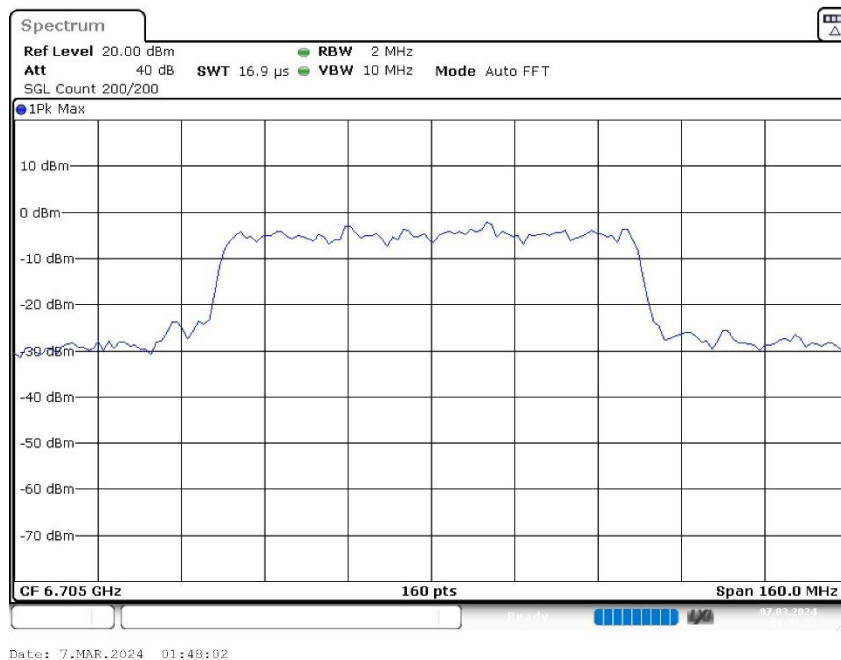
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6705.000000	80.000000	---	320.000000	6664.500000	5925.000000

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



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.62500 GHz	6.62500 GHz
Stop Frequency	6.78500 GHz	6.78500 GHz
Span	160.000 MHz	160.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	160	~ 160
SweepTime	16.875 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

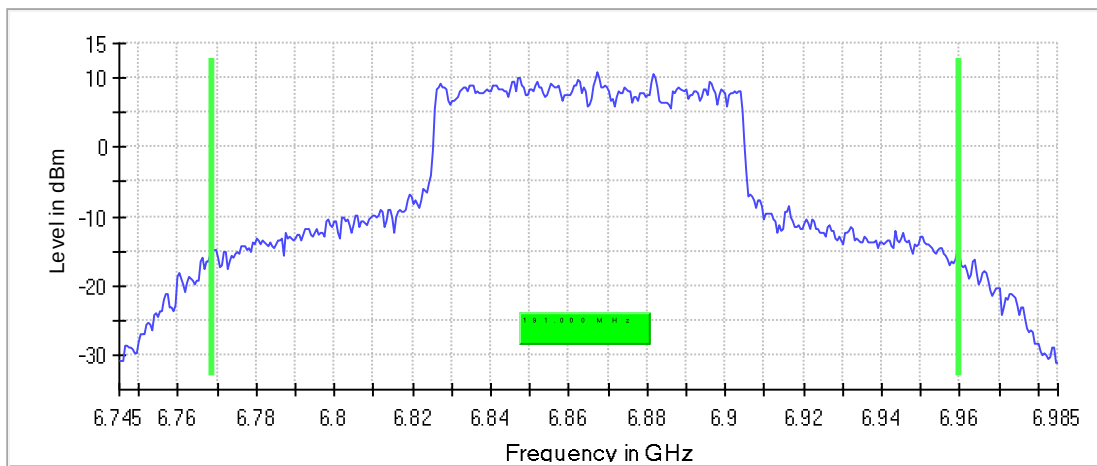
Emission Bandwidth 26 dB (6865 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

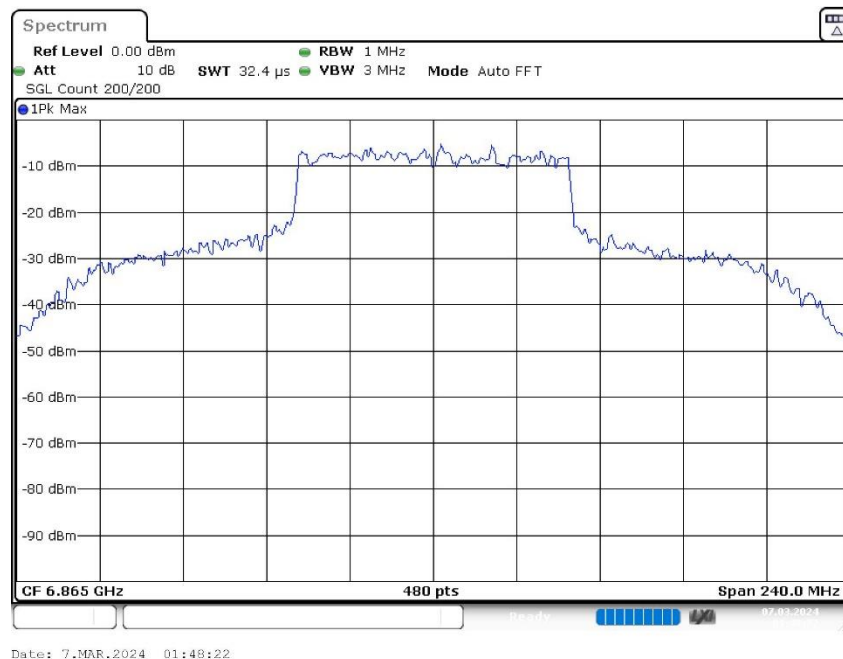
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	191.000000	106.250000	84.750000	---	320.000000

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	6768.750000	---	6959.750000	---	10.9	PASS

26 dB Bandwidth



Bandwidth



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

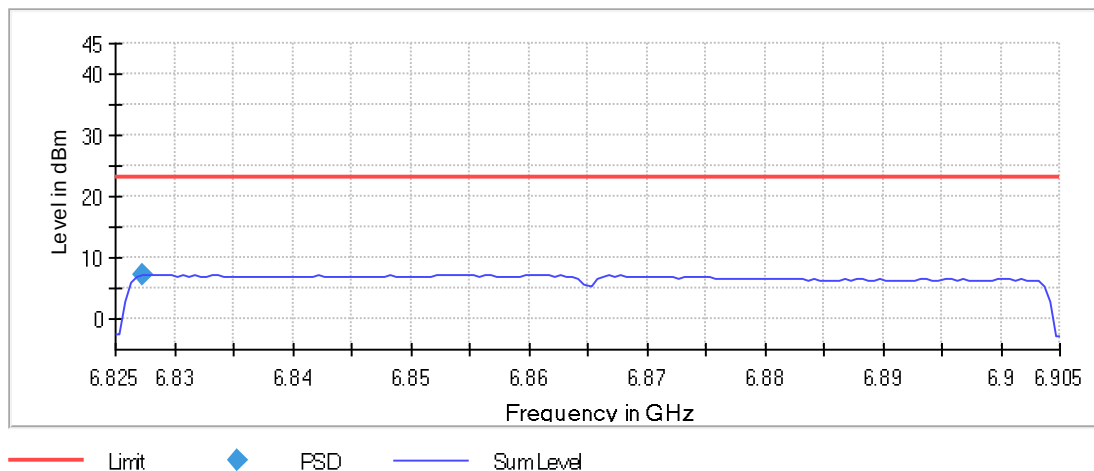
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6865.000000	6827.250000	7.179	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used

Power Spectral Density (SA-2)



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

Result

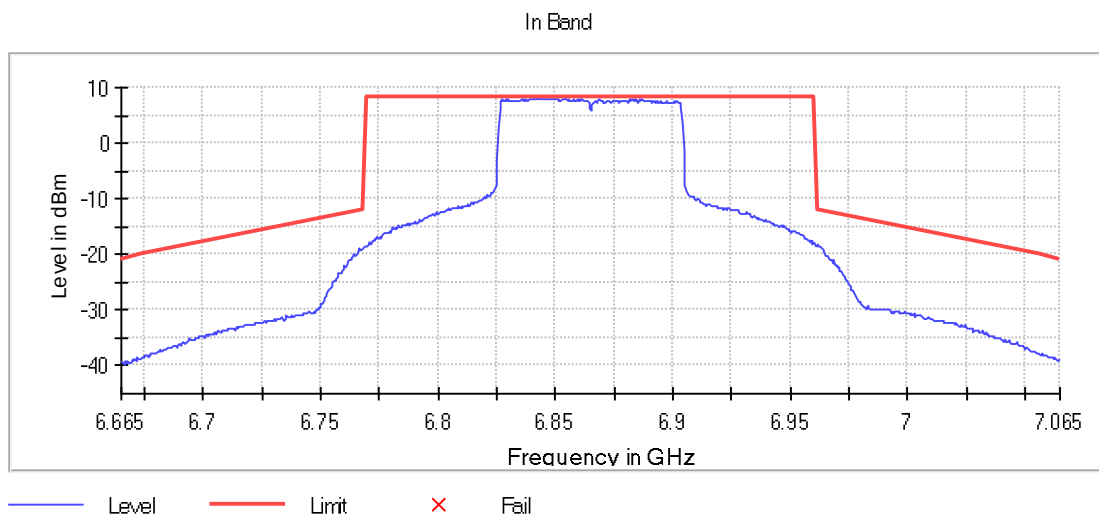
DUT Frequency (MHz)	Result
6865.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6842.750000	8.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6842.750000	8.2	0.0	8.2	PASS
6847.250000	8.1	0.0	8.2	PASS
6840.750000	8.1	0.1	8.2	PASS
6844.750000	8.1	0.1	8.2	PASS
6844.250000	8.0	0.1	8.2	PASS
6846.250000	8.0	0.1	8.2	PASS
6841.750000	8.0	0.2	8.2	PASS
6885.750000	8.0	0.2	8.2	PASS
6835.750000	8.0	0.2	8.2	PASS
6848.750000	7.9	0.2	8.2	PASS
6851.250000	7.9	0.2	8.2	PASS
6843.250000	7.9	0.2	8.2	PASS
6848.250000	7.9	0.2	8.2	PASS
6842.250000	7.9	0.2	8.2	PASS
6859.250000	7.9	0.2	8.2	PASS

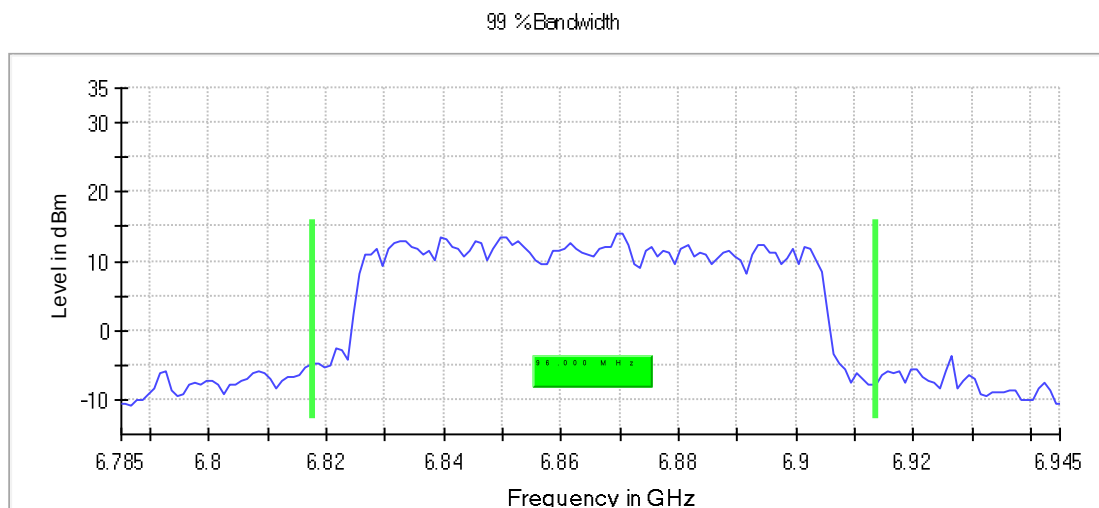


Occupied Channel Bandwidth 99% (6865 MHz; 24.000 dBm; 80 MHz)

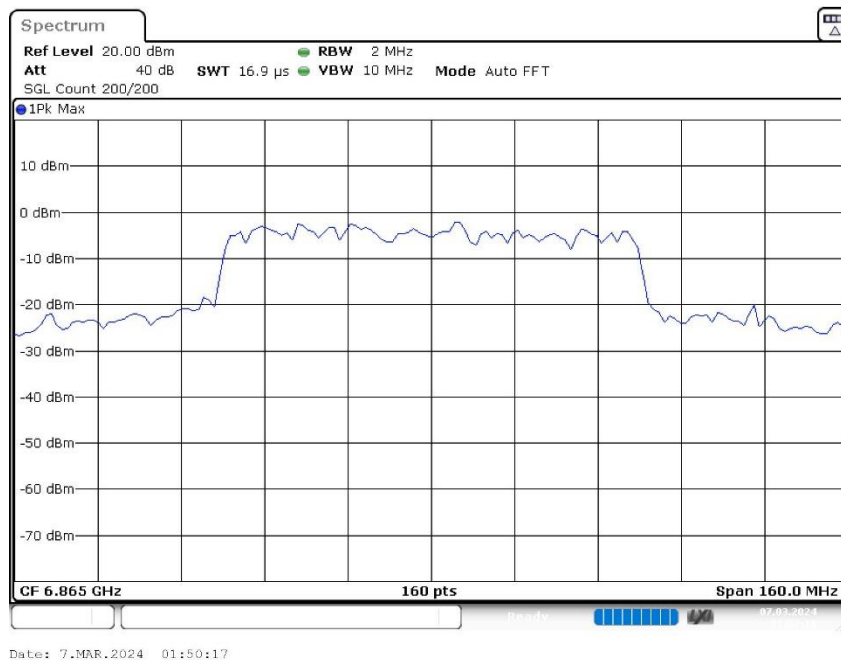
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	96.000000	57.500000	38.500000	---	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	6817.500000	5925.000000	6913.500000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.78500 GHz	6.78500 GHz
Stop Frequency	6.94500 GHz	6.94500 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	16.875 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

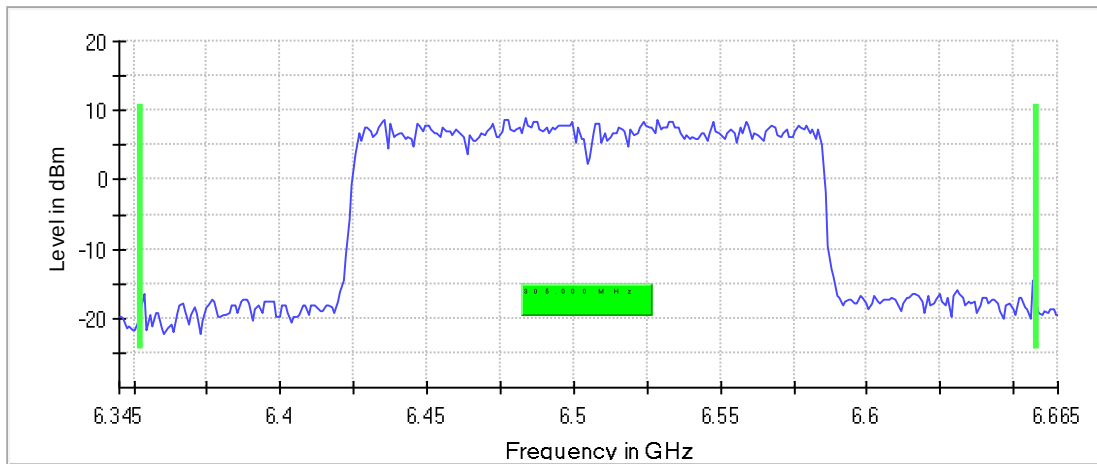
Emission Bandwidth 26 dB (6505 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

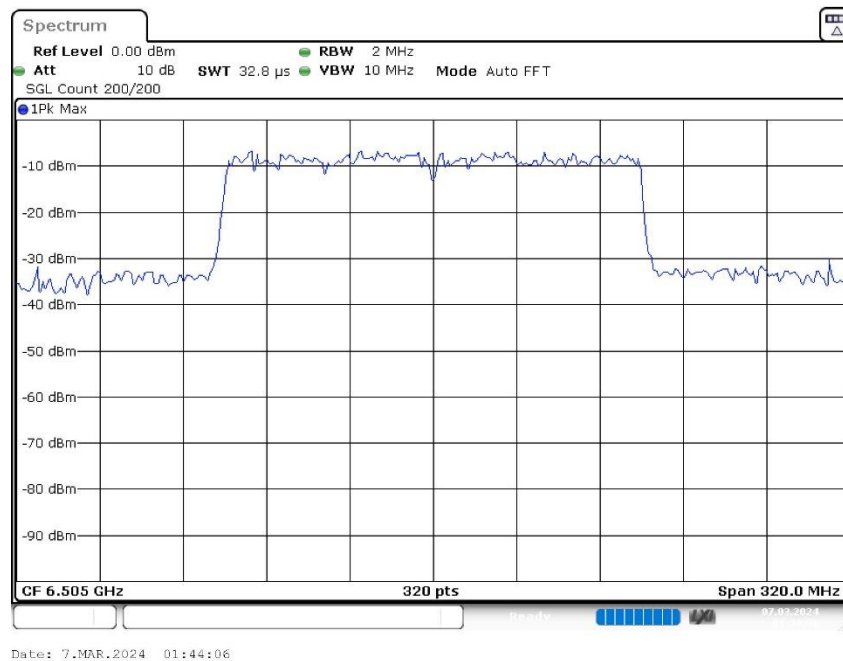
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	305.000000	172.500000	132.500000	---	320.000000

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	6352.500000	---	6657.500000	---	8.8	PASS

26 dB Bandwidth



Bandwidth



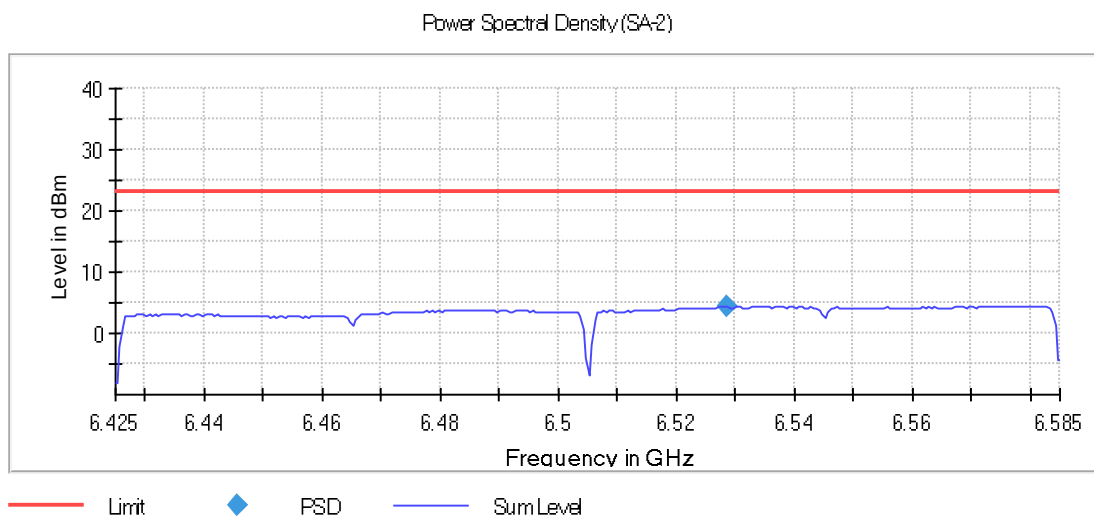
Power Spectral Density (SA-2) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6505.000000	6528.750000	4.467	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

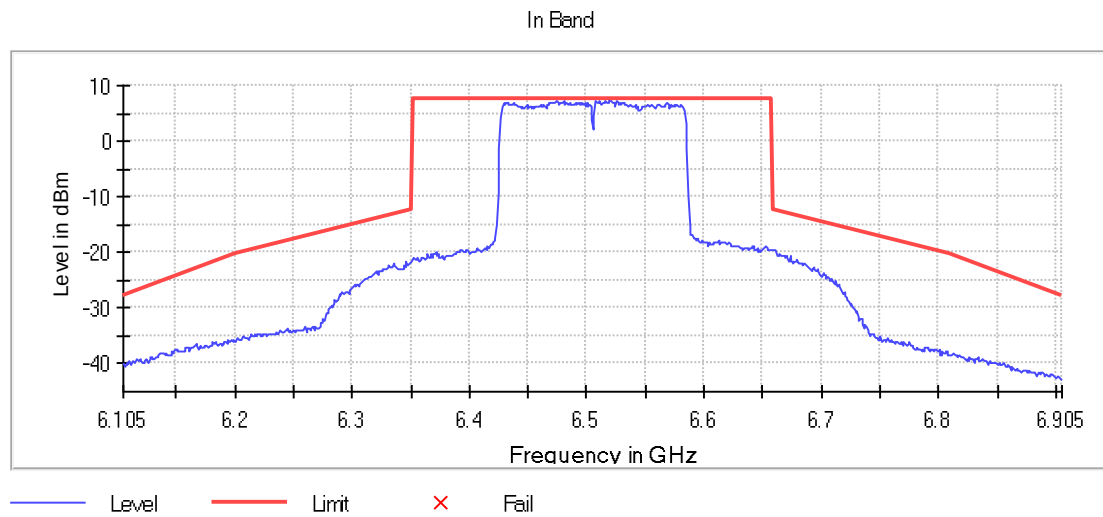
DUT Frequency (MHz)	Result
6505.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6519.500000	7.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6519.500000	7.6	0.0	7.6	PASS
6525.500000	7.3	0.4	7.6	PASS
6520.500000	7.2	0.5	7.6	PASS
6480.500000	7.2	0.5	7.6	PASS
6474.500000	7.2	0.5	7.6	PASS
6511.500000	7.1	0.5	7.6	PASS
6516.500000	7.1	0.6	7.6	PASS
6507.500000	7.1	0.6	7.6	PASS
6478.500000	7.1	0.6	7.6	PASS
6526.500000	7.0	0.6	7.6	PASS
6475.500000	7.0	0.6	7.6	PASS
6522.500000	7.0	0.6	7.6	PASS
6471.500000	7.0	0.7	7.6	PASS
6470.500000	7.0	0.7	7.6	PASS
6514.500000	7.0	0.7	7.6	PASS

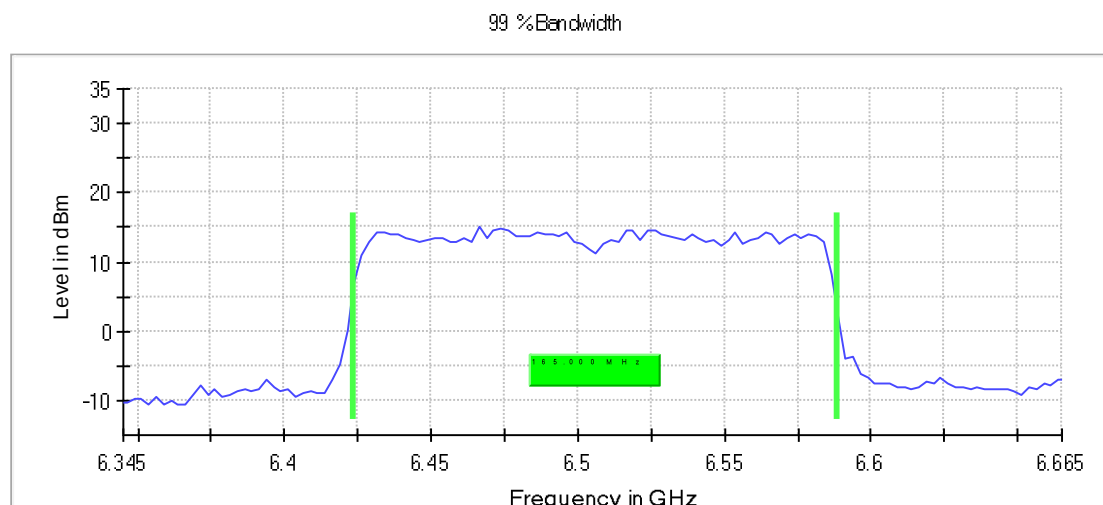


Occupied Channel Bandwidth 99% (6505 MHz; 24.000 dBm; 160 MHz)

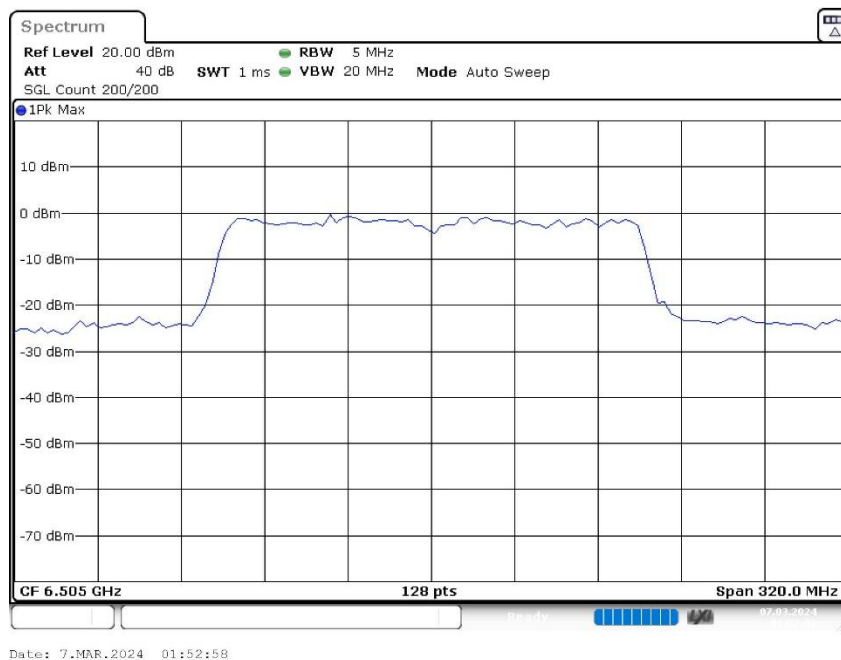
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	165.000000	101.250000	63.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6505.000000	6423.750000	5925.000000	6588.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.34500 GHz	6.34500 GHz
Stop Frequency	6.66500 GHz	6.66500 GHz
Span	320.000 MHz	320.000 MHz
RBW	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
SweepTime	1.000 ms	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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 (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
---	---	---	---	---	---

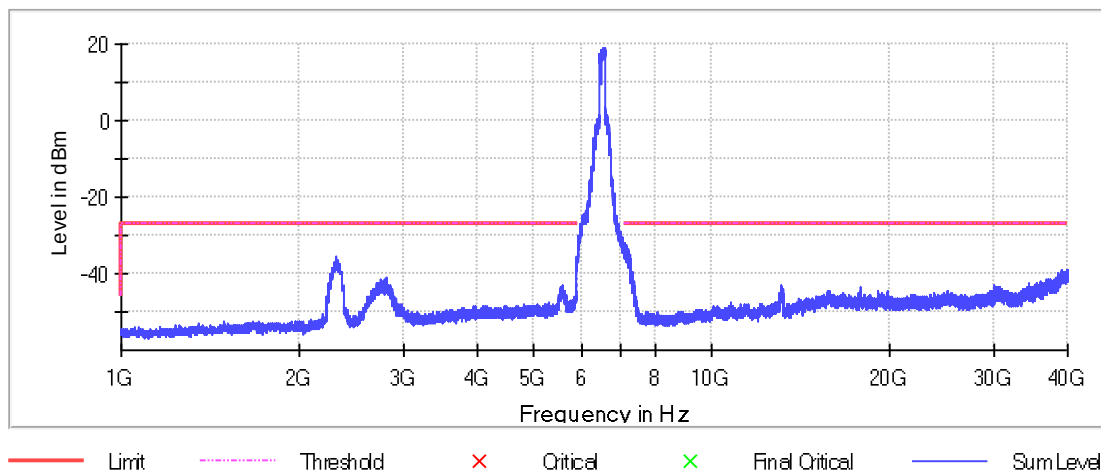
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7125.250000	-31.8	4.8	-27.0
7131.750000	-32.0	5.0	-27.0
7128.250000	-32.0	5.0	-27.0
7125.750000	-32.0	5.0	-27.0
7147.750000	-32.5	5.5	-27.0
7130.750000	-32.6	5.6	-27.0
7135.250000	-32.7	5.7	-27.0
7135.750000	-32.8	5.8	-27.0
7154.750000	-32.8	5.8	-27.0
7136.250000	-32.9	5.9	-27.0
7136.750000	-33.0	6.0	-27.0
7141.750000	-33.1	6.1	-27.0
7133.750000	-33.1	6.1	-27.0
7128.750000	-33.1	6.1	-27.0
7154.250000	-33.2	6.2	-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

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
---	---	---	---	---	---

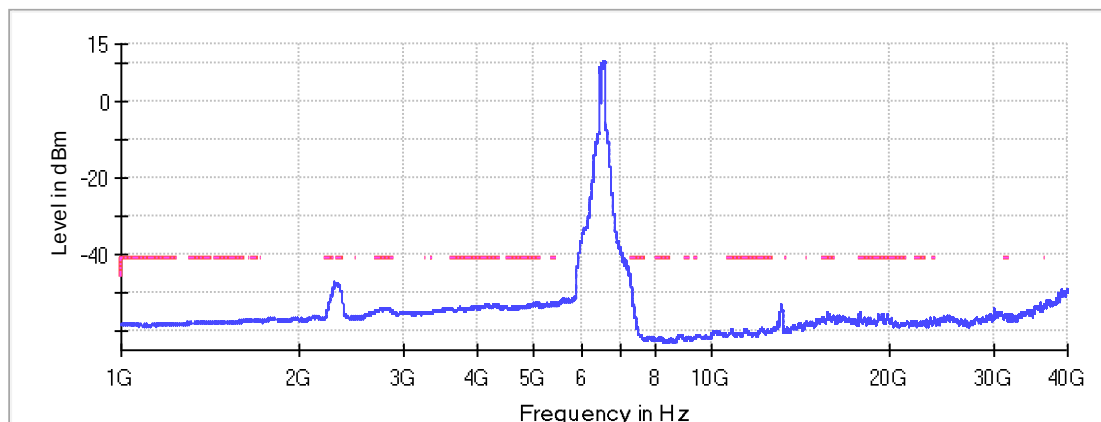
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7251.750000	-45.4	4.2	-41.2
7250.750000	-45.6	4.4	-41.2
7250.250000	-45.6	4.4	-41.2
7252.750000	-45.6	4.4	-41.2
7255.750000	-45.7	4.5	-41.2
7253.750000	-45.7	4.5	-41.2
7251.250000	-45.7	4.5	-41.2
7257.250000	-45.8	4.6	-41.2
7252.250000	-45.8	4.6	-41.2
7255.250000	-45.9	4.7	-41.2
7256.750000	-45.9	4.7	-41.2
7256.250000	-45.9	4.7	-41.2
7254.250000	-45.9	4.7	-41.2
7253.250000	-45.9	4.7	-41.2
7259.750000	-46.0	4.8	-41.2

Measurement Settings

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

Restricted Band



— Limit — Threshold × Critical × Final Critical — SumLevel

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

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

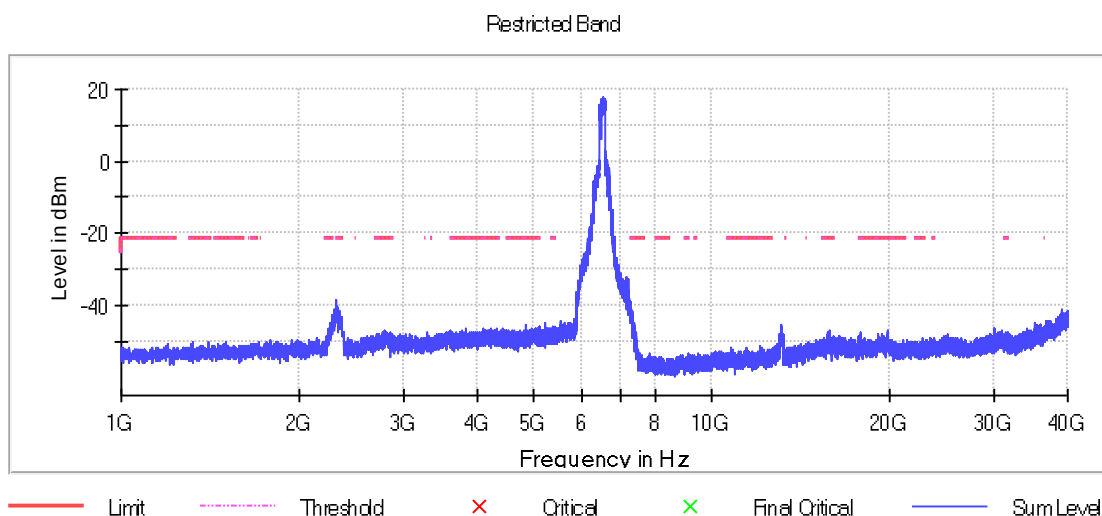
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2310.250000	-38.7	17.5	-21.2
7266.250000	-38.8	17.6	-21.2
7252.750000	-39.1	17.9	-21.2
7263.750000	-39.3	18.1	-21.2
7265.750000	-39.3	18.1	-21.2
7273.250000	-39.6	18.4	-21.2
7264.750000	-39.6	18.4	-21.2
2310.750000	-39.6	18.4	-21.2
7268.750000	-39.6	18.4	-21.2
7253.250000	-39.7	18.5	-21.2
7252.250000	-39.7	18.5	-21.2
7284.250000	-39.8	18.6	-21.2
7250.750000	-39.9	18.7	-21.2
7256.250000	-39.9	18.7	-21.2
7259.250000	-40.0	18.8	-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



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	9850	~ 9850
SweepTime	9.850 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

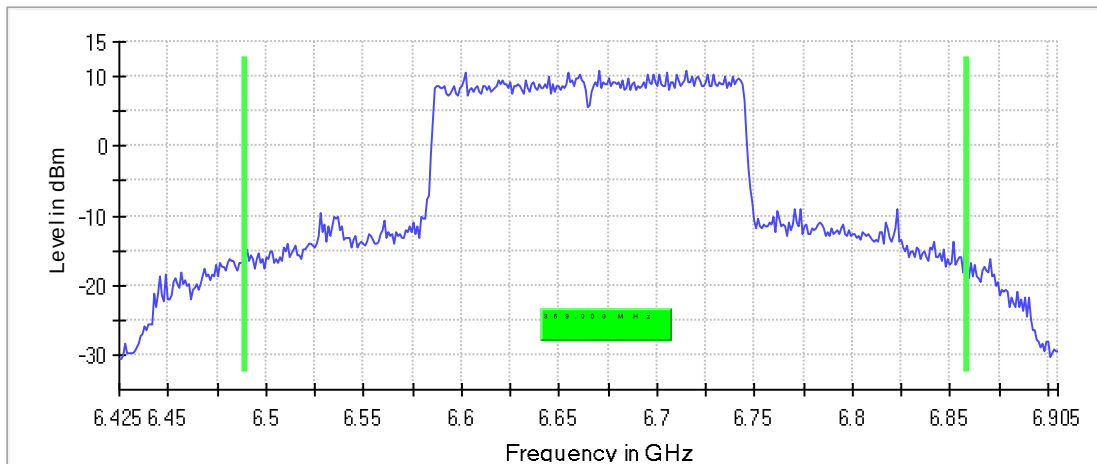
Emission Bandwidth 26 dB (6665 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

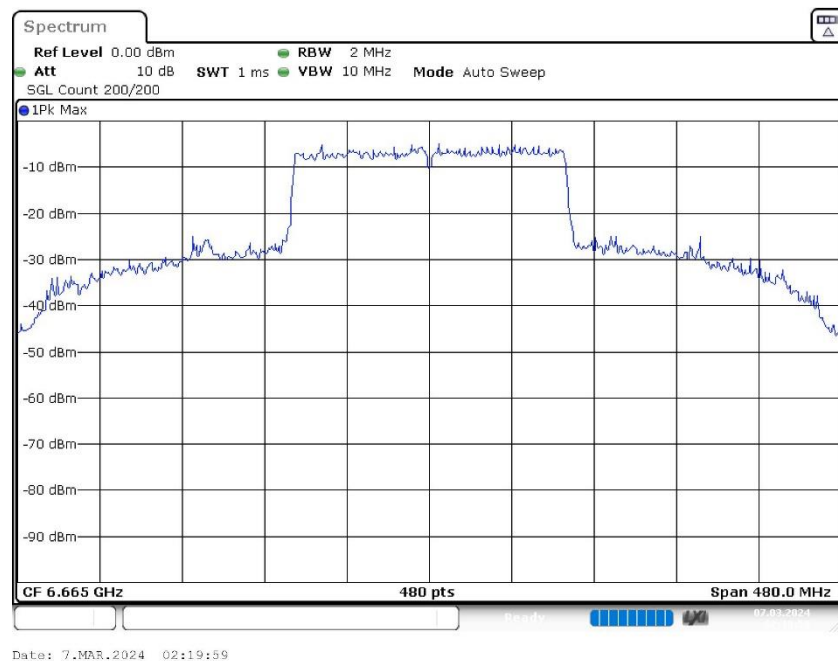
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6665.000000	369.000000	---	---	6489.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6665.000000	6858.500000	---	10.9	PASS

26 dB Bandwidth



Bandwidth



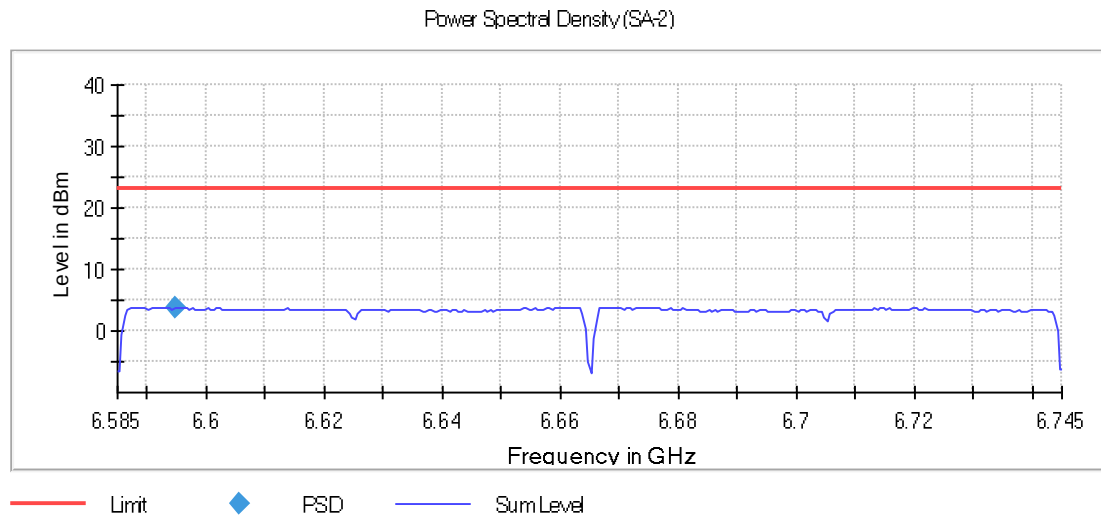
Power Spectral Density (SA-2) (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6594.750000	3.892	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

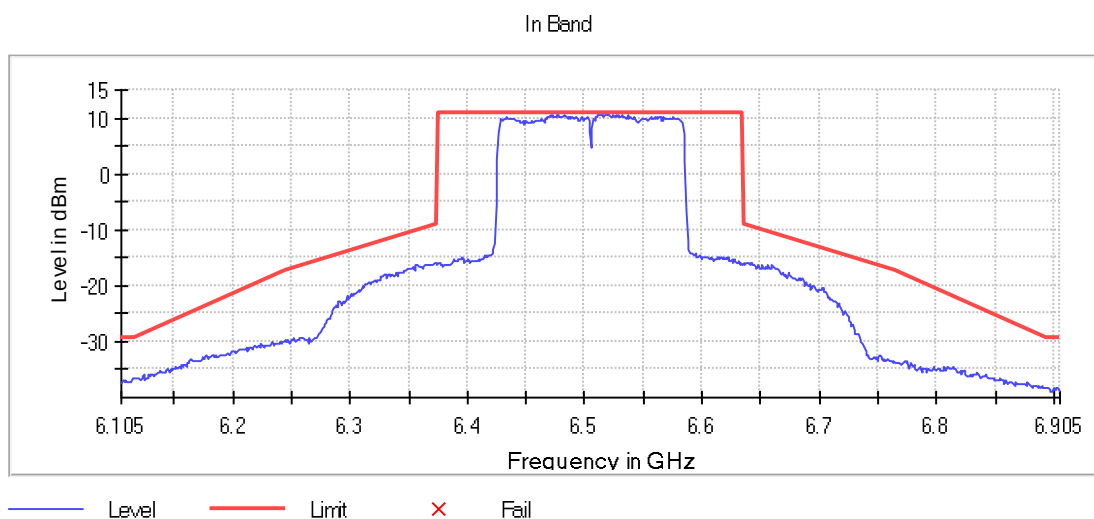
DUT Frequency (MHz)	Result
6505.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6518.500000	10.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6512.500000	10.6	0.2	10.8	PASS
6513.500000	10.6	0.2	10.8	PASS
6483.500000	10.6	0.2	10.8	PASS
6517.500000	10.6	0.3	10.8	PASS
6528.500000	10.5	0.3	10.8	PASS
6520.500000	10.5	0.3	10.8	PASS
6536.500000	10.5	0.4	10.8	PASS
6477.500000	10.4	0.4	10.8	PASS
6472.500000	10.4	0.4	10.8	PASS
6511.500000	10.4	0.4	10.8	PASS
6476.500000	10.4	0.4	10.8	PASS
6524.500000	10.4	0.4	10.8	PASS
6526.500000	10.4	0.4	10.8	PASS
6470.500000	10.4	0.4	10.8	PASS
6482.500000	10.4	0.4	10.8	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.10500 GHz	6.10500 GHz
Stop Frequency	6.90500 GHz	6.90500 GHz
Span	800.000 MHz	800.000 MHz
RBW	2.000 MHz	~ 1.600 MHz
VBW	10.000 MHz	~ 8.000 MHz
SweepPoints	800	~ 800
Sweptime	1.000 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

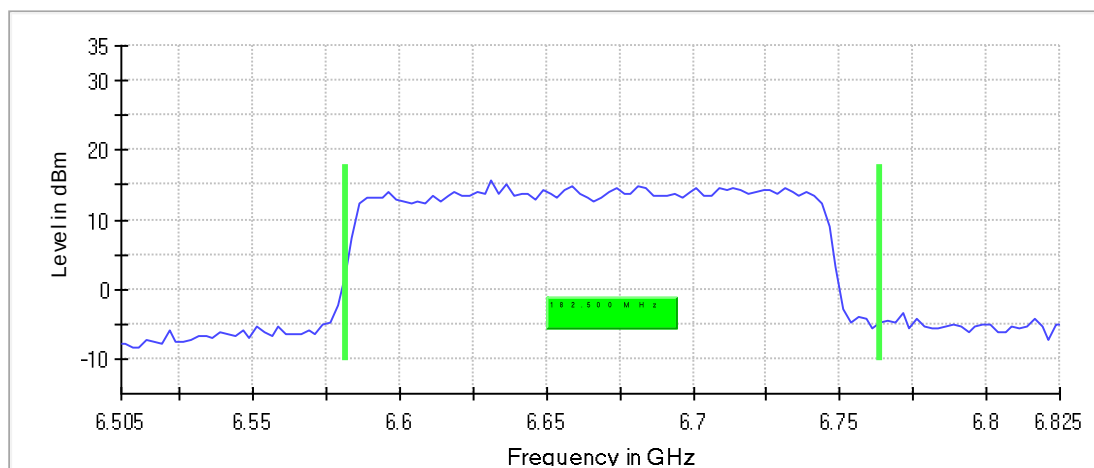
Occupied Channel Bandwidth 99% (6665 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

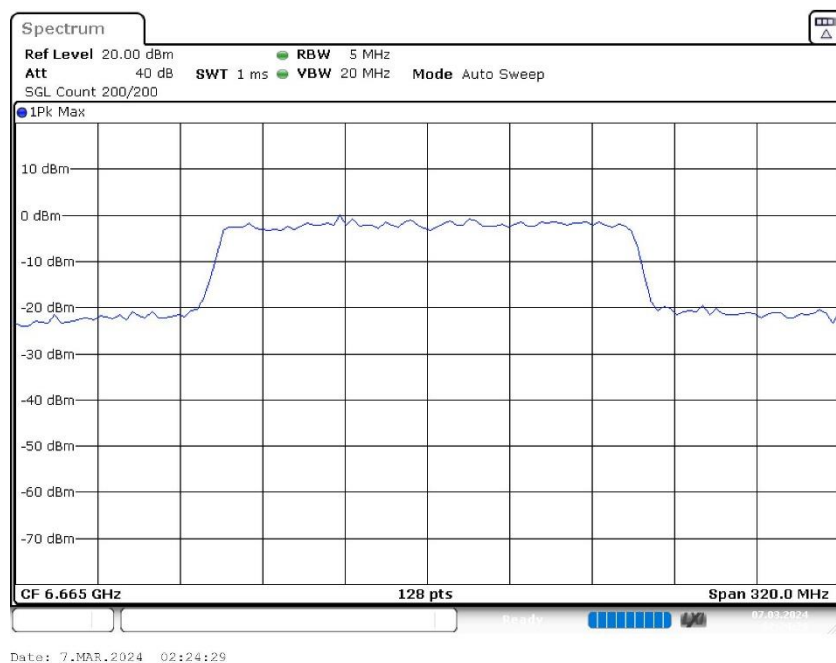
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6665.000000	182.500000	---	320.000000	6581.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6665.000000	6763.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.50500 GHz	6.50500 GHz
Stop Frequency	6.82500 GHz	6.82500 GHz
Span	320.000 MHz	320.000 MHz
RBW	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
SweepTime	1.000 ms	AUTO
Reference Level	20.000 dBm	20.000 dBm

Attenuation	40.000 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 (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

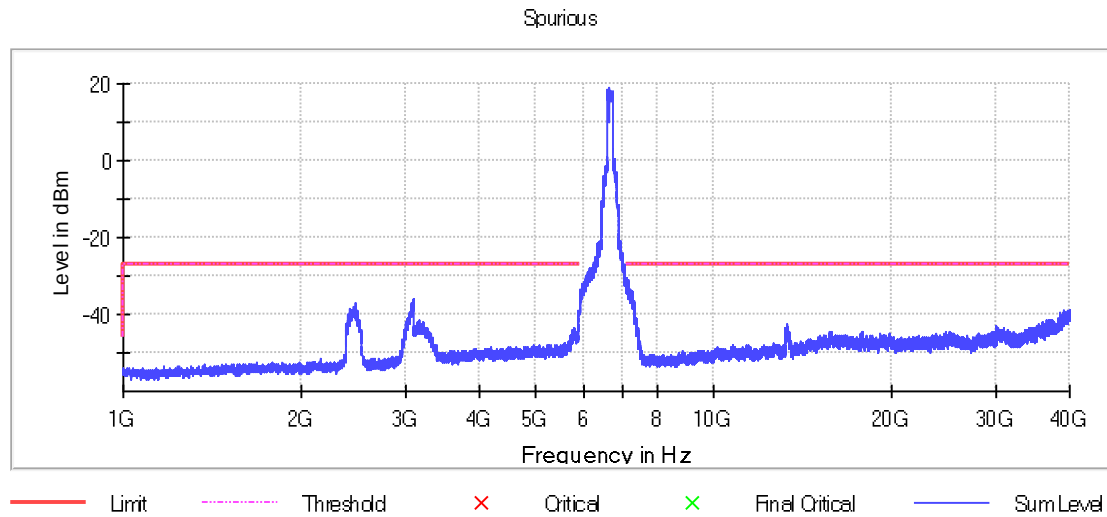
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7131.750000	-30.4	3.4	-27.0
7130.750000	-30.4	3.4	-27.0
7132.250000	-30.5	3.5	-27.0
7138.750000	-31.0	4.0	-27.0
7130.250000	-31.2	4.2	-27.0
7127.250000	-31.5	4.5	-27.0
7127.750000	-31.5	4.5	-27.0
7136.250000	-31.6	4.6	-27.0
7131.250000	-31.6	4.6	-27.0
7145.250000	-31.7	4.7	-27.0
7126.750000	-31.8	4.8	-27.0
7136.750000	-31.9	4.9	-27.0
7126.250000	-31.9	4.9	-27.0
7125.750000	-31.9	4.9	-27.0
7142.750000	-31.9	4.9	-27.0

Measurement Settings

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



Emissions in restricted frequency bands (Average) (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
---	---	---	---	---	---

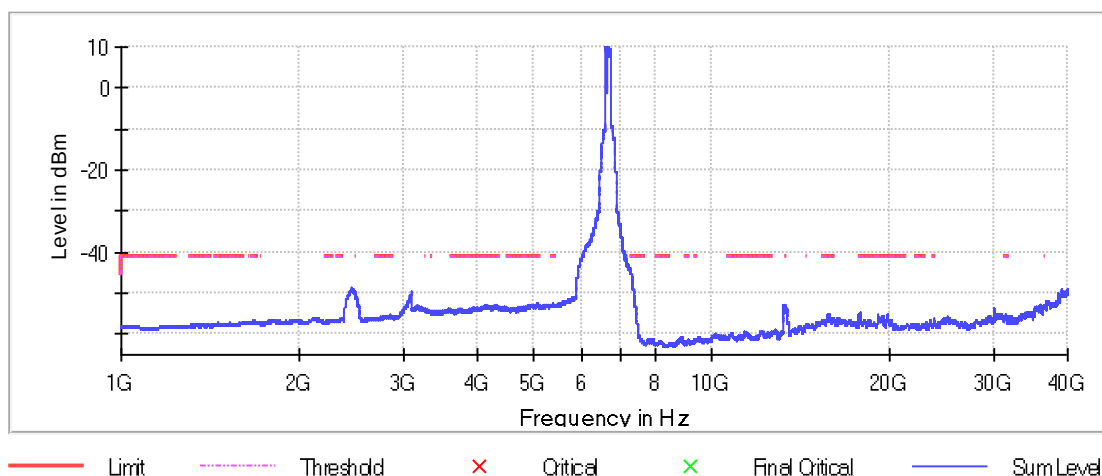
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7256.750000	-43.8	2.6	-41.2
7256.250000	-43.9	2.7	-41.2
7255.250000	-43.9	2.7	-41.2
7255.750000	-44.0	2.8	-41.2
7258.250000	-44.0	2.8	-41.2
7250.250000	-44.1	2.9	-41.2
7258.750000	-44.1	2.9	-41.2
7254.750000	-44.1	2.9	-41.2
7261.750000	-44.1	2.9	-41.2
7252.250000	-44.1	2.9	-41.2
7261.250000	-44.1	2.9	-41.2
7259.250000	-44.1	2.9	-41.2
7250.750000	-44.1	2.9	-41.2
7253.750000	-44.1	2.9	-41.2
7266.750000	-44.1	2.9	-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) (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

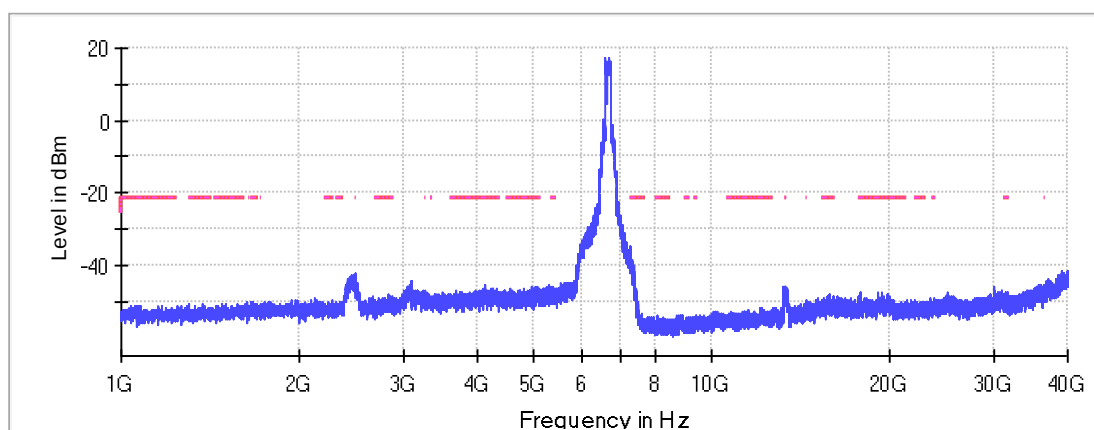
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7275.750000	-34.6	13.4	-21.2
7272.750000	-35.0	13.8	-21.2
7272.250000	-35.1	13.9	-21.2
7276.750000	-35.2	14.0	-21.2
7271.250000	-35.2	14.0	-21.2
7271.750000	-36.2	15.0	-21.2
7257.250000	-36.4	15.2	-21.2
7253.250000	-36.6	15.4	-21.2
7273.250000	-36.6	15.4	-21.2
7250.750000	-36.6	15.4	-21.2

7274.750000	-36.9	15.7	-21.2
7252.750000	-37.0	15.8	-21.2
7255.750000	-37.0	15.8	-21.2
7276.250000	-37.1	15.9	-21.2
7274.250000	-37.2	16.0	-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



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

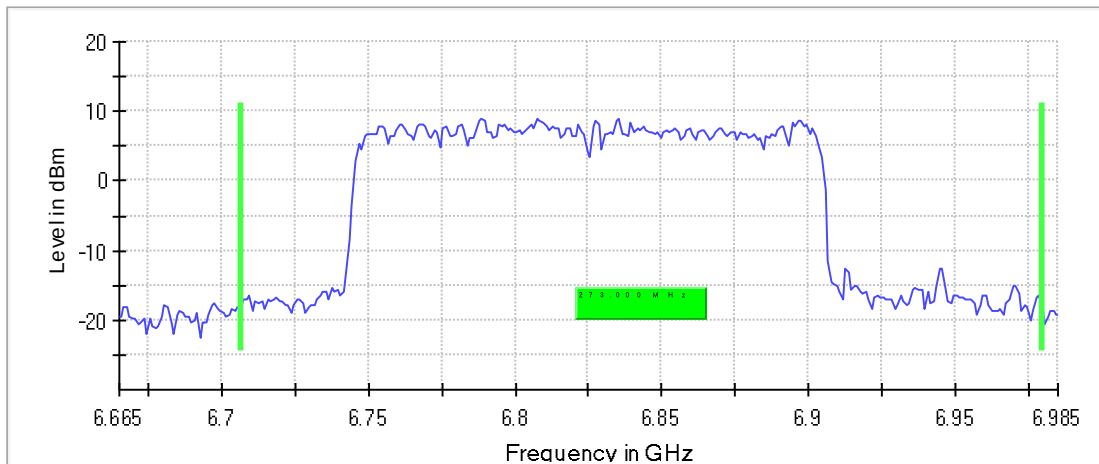
Emission Bandwidth 26 dB (6825 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

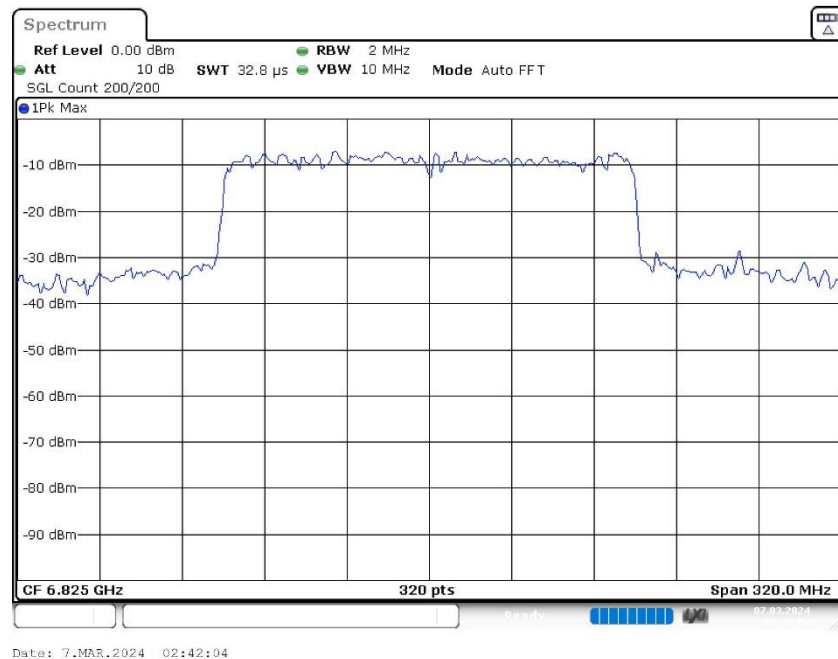
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	273.000000	168.500000	104.500000	---	320.000000

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	6706.500000	---	6979.500000	---	9.0	PASS

26 dB Bandwidth



Bandwidth



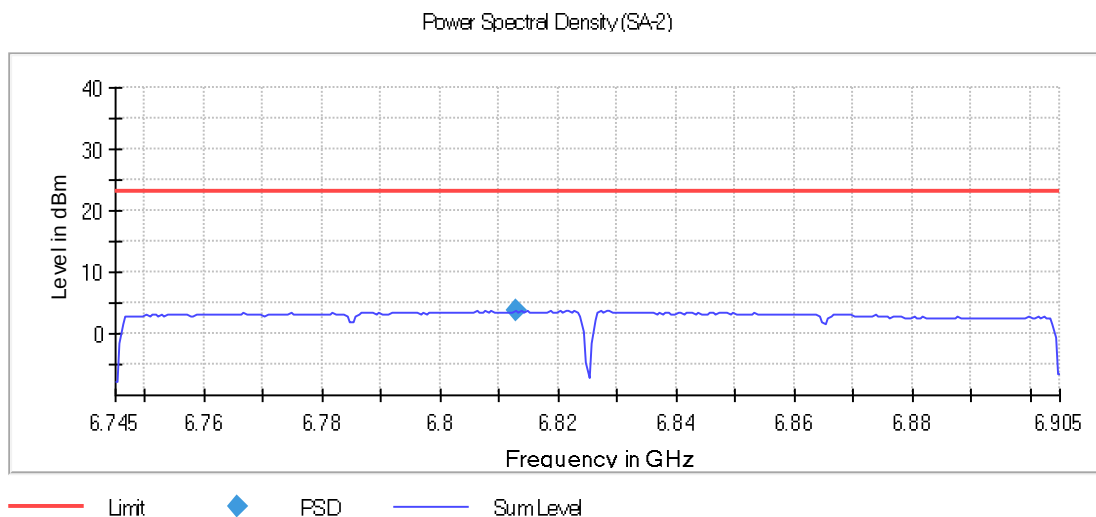
Power Spectral Density (SA-2) (6825 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6825.000000	6812.750000	3.707	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

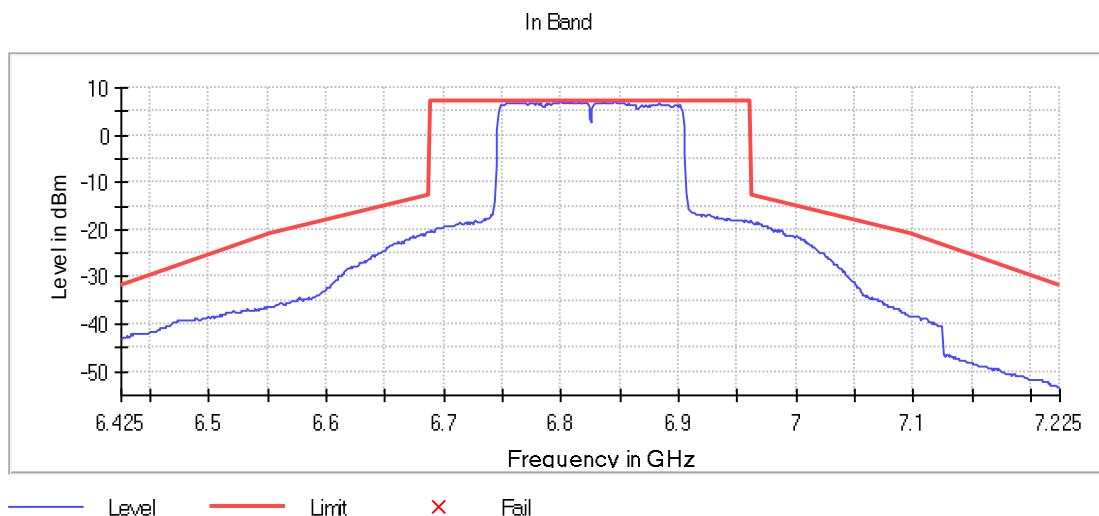
DUT Frequency (MHz)	Result
6825.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6805.500000	7.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6805.500000	7.1	0.0	7.1	PASS
6820.500000	7.1	0.0	7.1	PASS
6808.500000	7.1	0.0	7.1	PASS
6802.500000	7.0	0.1	7.1	PASS
6836.500000	7.0	0.1	7.1	PASS
6815.500000	7.0	0.1	7.1	PASS
6799.500000	7.0	0.2	7.1	PASS
6845.500000	7.0	0.2	7.1	PASS
6847.500000	7.0	0.2	7.1	PASS
6803.500000	6.9	0.2	7.1	PASS
6814.500000	6.9	0.2	7.1	PASS
6760.500000	6.9	0.2	7.1	PASS
6801.500000	6.9	0.2	7.1	PASS
6839.500000	6.9	0.2	7.1	PASS
6806.500000	6.9	0.2	7.1	PASS

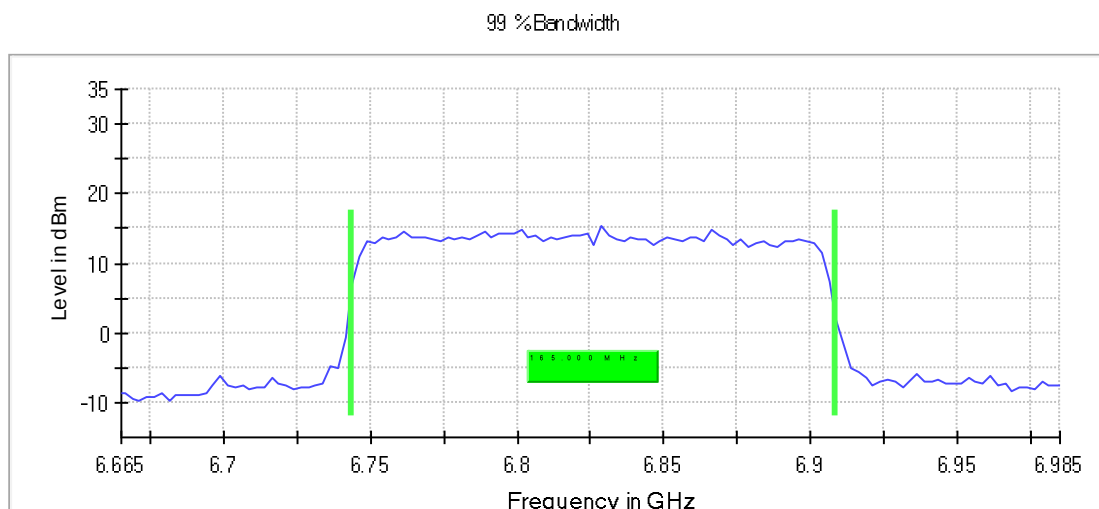


Occupied Channel Bandwidth 99% (6825 MHz; 24.000 dBm; 160 MHz)

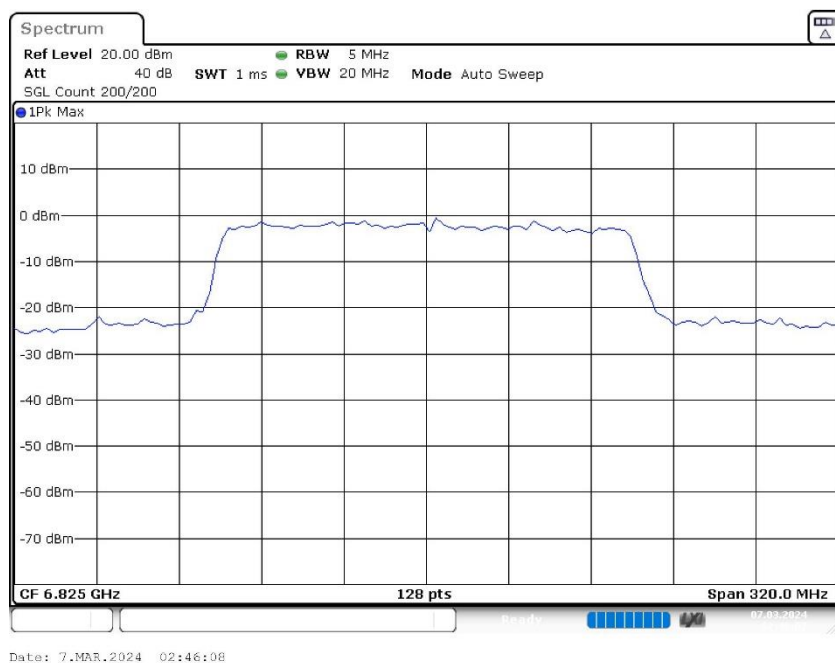
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	165.000000	131.250000	33.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6825.000000	6743.750000	5925.000000	6908.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.66500 GHz	6.66500 GHz
Stop Frequency	6.98500 GHz	6.98500 GHz
Span	320.000 MHz	320.000 MHz
RBW	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
SweepTime	1.000 ms	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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 (6825 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

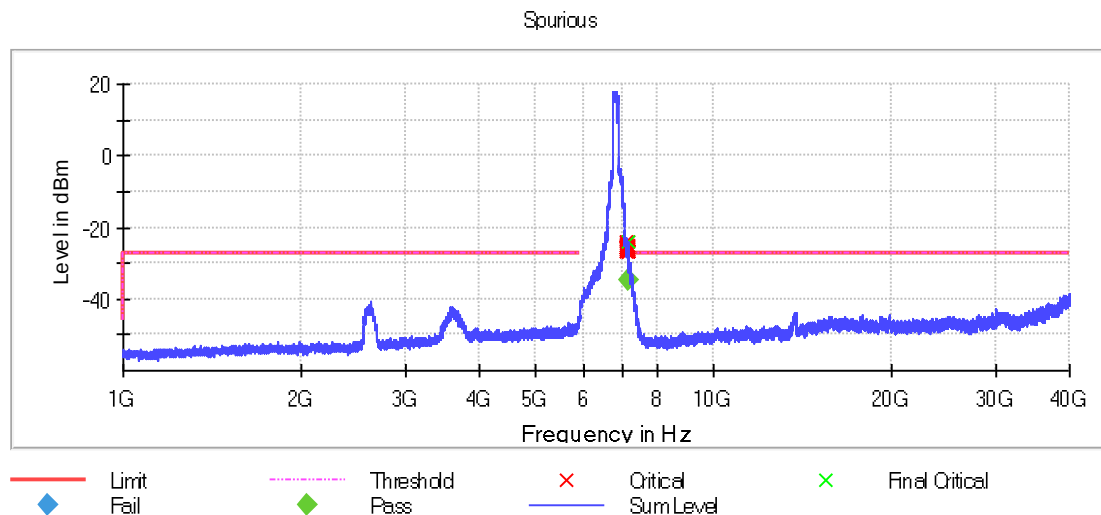
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
7141.750000	-24.0	-34.9	-27.0	7.9	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7141.750000	-24.0	-3.0	-27.0
7126.750000	-24.1	-2.9	-27.0
7130.250000	-24.2	-2.8	-27.0
7130.750000	-24.3	-2.7	-27.0
7133.250000	-25.0	-2.0	-27.0
7128.250000	-25.1	-1.9	-27.0
7143.250000	-25.3	-1.7	-27.0
7144.250000	-25.4	-1.6	-27.0
7126.250000	-25.4	-1.6	-27.0
7135.750000	-25.4	-1.6	-27.0
7127.750000	-25.5	-1.5	-27.0
7137.750000	-25.5	-1.5	-27.0
7132.750000	-25.5	-1.5	-27.0
7132.250000	-25.5	-1.5	-27.0
7129.250000	-25.6	-1.4	-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) (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
---	---	---	---	---	---

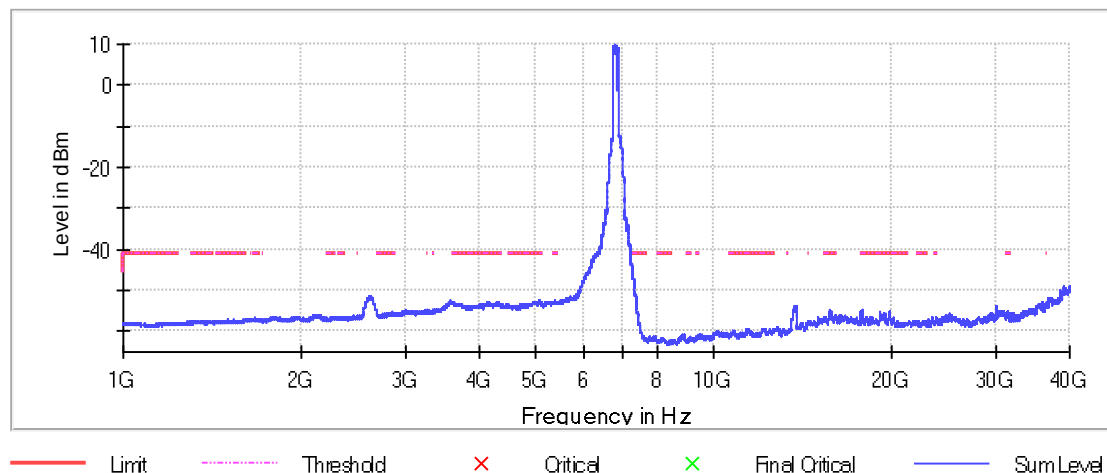
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.750000	-44.0	2.8	-41.2
7251.750000	-44.2	3.0	-41.2
7250.750000	-44.2	3.0	-41.2
7250.250000	-44.2	3.0	-41.2
7252.250000	-44.3	3.1	-41.2
7255.250000	-44.4	3.2	-41.2
7251.250000	-44.4	3.2	-41.2
7253.250000	-44.4	3.2	-41.2
7254.250000	-44.5	3.3	-41.2
7255.750000	-44.6	3.4	-41.2
7253.750000	-44.6	3.4	-41.2
7258.250000	-44.6	3.4	-41.2
7254.750000	-44.6	3.4	-41.2
7259.250000	-44.7	3.5	-41.2
7257.250000	-44.7	3.5	-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) (6825 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

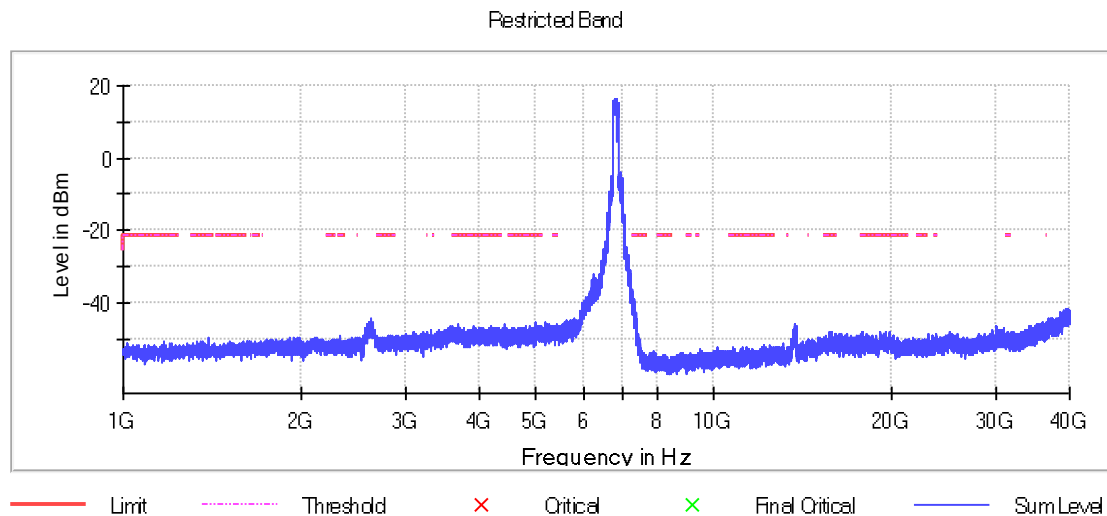
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7261.250000	-36.2	15.0	-21.2
7255.250000	-36.6	15.4	-21.2
7277.250000	-37.1	15.9	-21.2
7266.250000	-37.1	15.9	-21.2
7253.750000	-37.3	16.1	-21.2
7250.250000	-37.4	16.2	-21.2
7252.250000	-37.5	16.3	-21.2
7252.750000	-37.5	16.3	-21.2
7255.750000	-37.9	16.7	-21.2
7277.750000	-38.2	17.0	-21.2
7250.750000	-38.2	17.0	-21.2
7257.250000	-38.3	17.1	-21.2
7264.250000	-38.6	17.4	-21.2
7258.250000	-38.6	17.4	-21.2
7265.250000	-38.6	17.4	-21.2

Measurement Settings

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

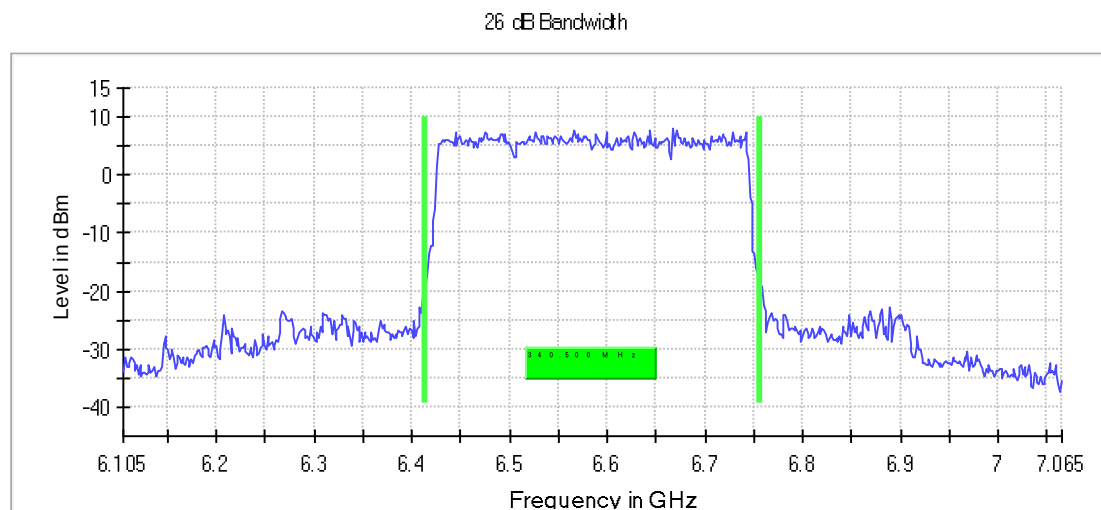


Emission Bandwidth 26 dB (6585 MHz; 24.000 dBm; 320 MHz)

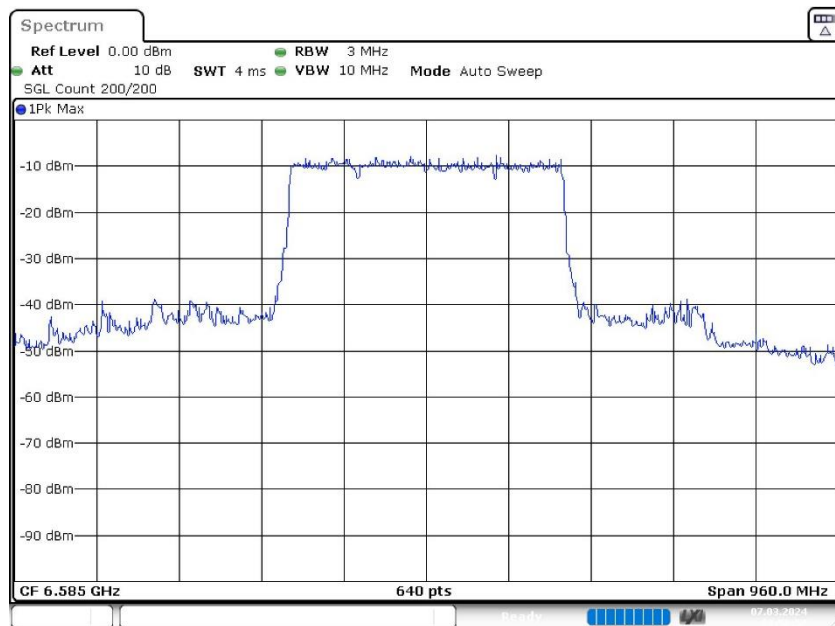
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	340.500000	110.250000	230.250000	---	---

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	6414.750000	---	6755.250000	---	8.0	PASS



Bandwidth



Date: 7.MAR.2024 03:56:52

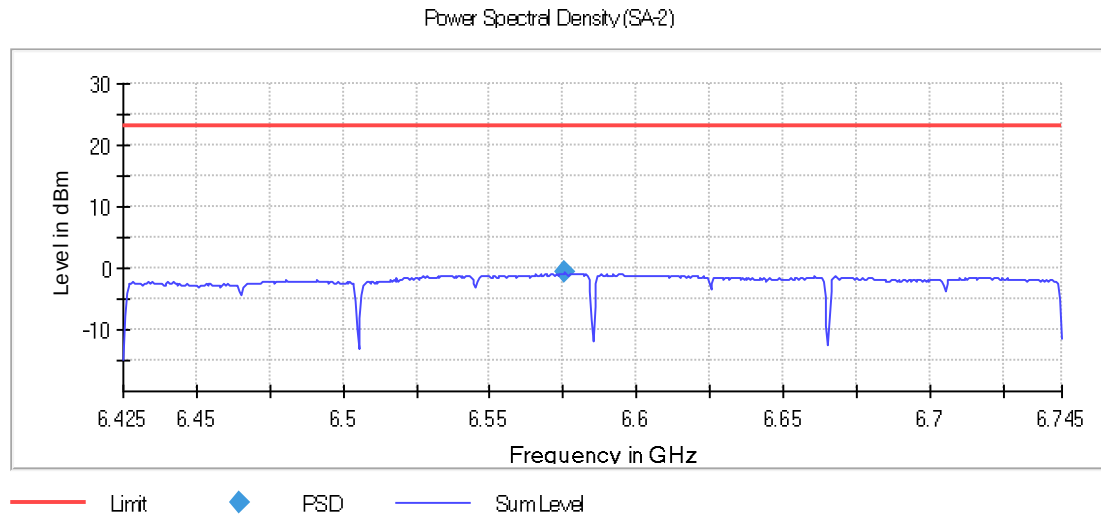
Power Spectral Density (SA-2) (6585 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6585.000000	6575.750000	-0.641	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

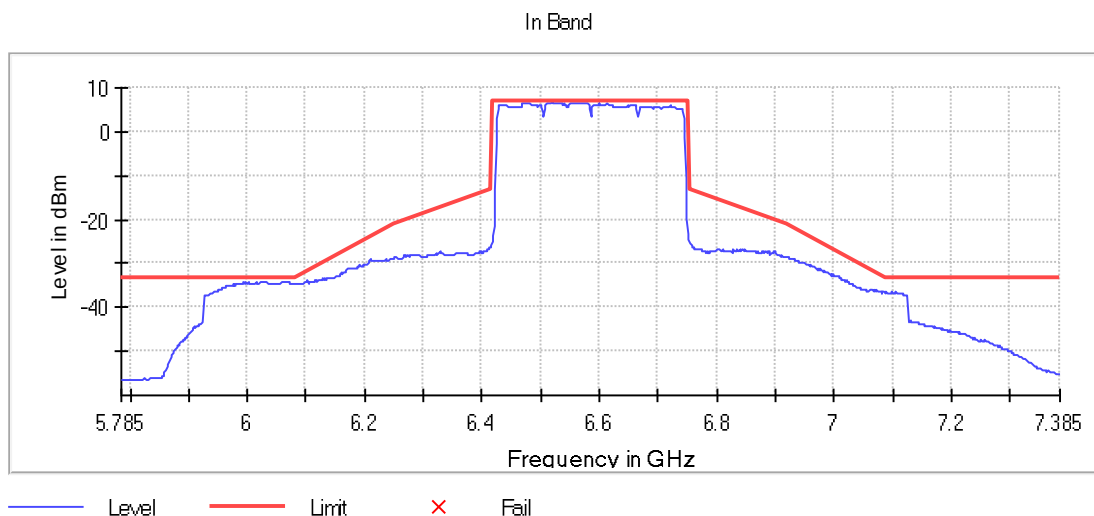
DUT Frequency (MHz)	Result
6585.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6519.020619	6.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6522.019681	6.6	0.1	6.7	PASS
6517.521087	6.6	0.1	6.7	PASS
6525.018744	6.6	0.1	6.7	PASS
6516.021556	6.6	0.1	6.7	PASS
6559.507966	6.6	0.2	6.7	PASS
6471.035614	6.6	0.2	6.7	PASS
6580.501406	6.6	0.2	6.7	PASS
6514.522024	6.6	0.2	6.7	PASS
6570.004686	6.6	0.2	6.7	PASS
6526.518276	6.6	0.2	6.7	PASS
6573.003749	6.6	0.2	6.7	PASS
6531.016870	6.6	0.2	6.7	PASS
6520.520150	6.6	0.2	6.7	PASS
6528.017807	6.5	0.2	6.7	PASS
6579.001874	6.5	0.2	6.7	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	5.78500 GHz	5.78500 GHz
Stop Frequency	7.38500 GHz	7.38500 GHz
Span	1.600 GHz	1.600 GHz
RBW	3.000 MHz	~ 3.200 MHz
VBW	10.000 MHz	~ 12.000 MHz
SweepPoints	1067	~ 1067
Sweeptime	6.400 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

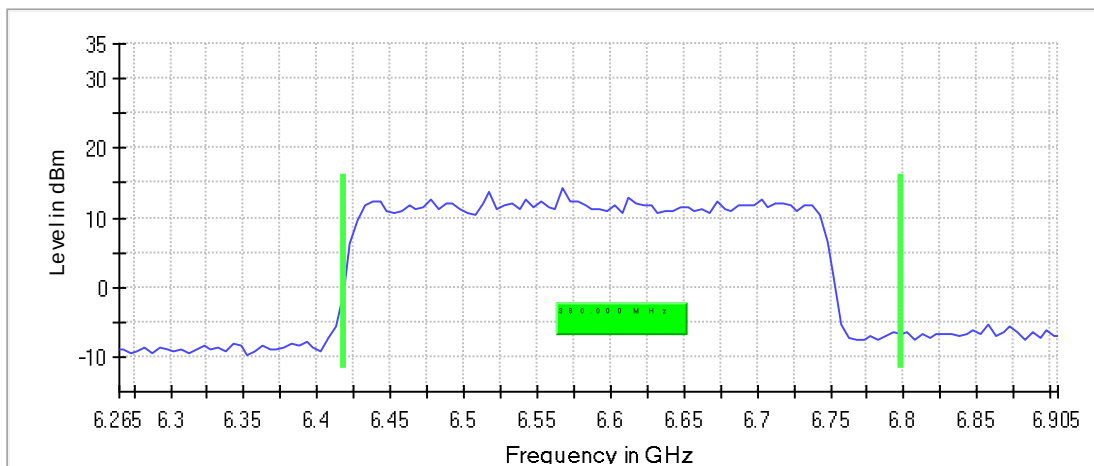
Occupied Channel Bandwidth 99% (6585 MHz; 24.000 dBm; 320 MHz)

99 % Bandwidth

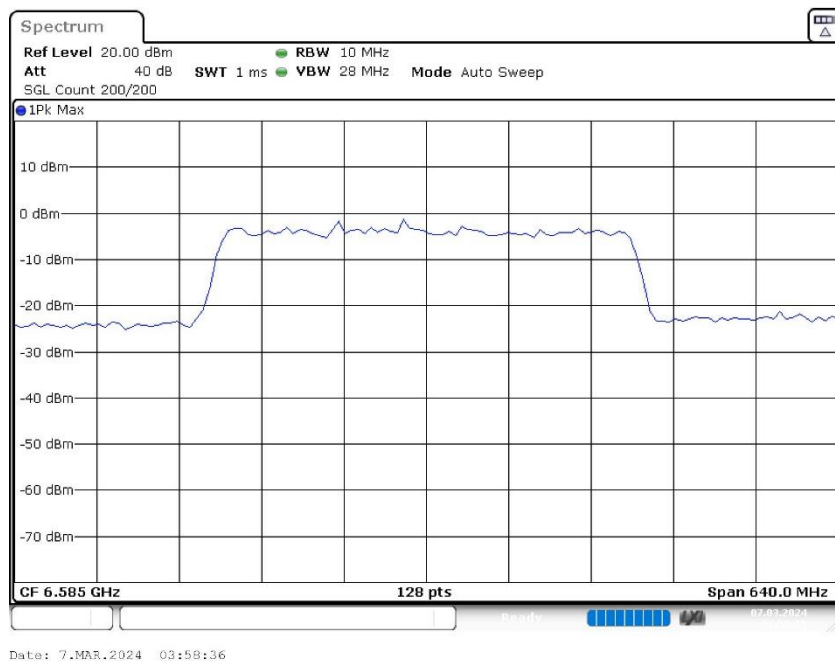
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	380.000000	107.500000	272.500000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6585.000000	6417.500000	5925.000000	6797.500000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Date: 7.MAR.2024 03:58:36

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.26500 GHz	6.26500 GHz
Stop Frequency	6.90500 GHz	6.90500 GHz
Span	640.000 MHz	640.000 MHz
RBW	10.000 MHz	>= 10.667 MHz
VBW	28.000 MHz	>= 30.000 MHz
SweepPoints	128	~ 128
Sweptime	1.000 ms	AUTO
Reference Level	20.000 dBm	20.000 dBm

Attenuation	40.000 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 (6585 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

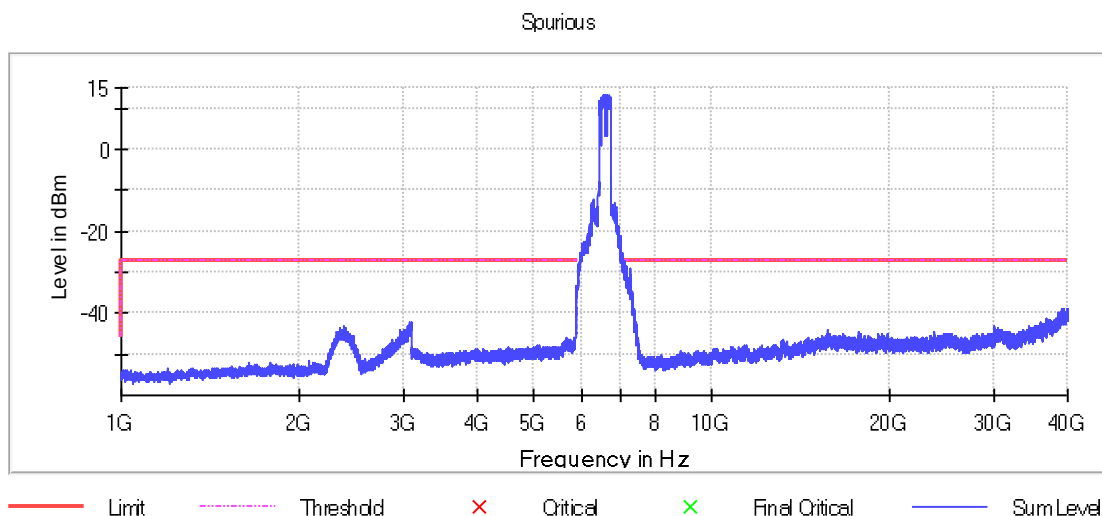
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7128.250000	-27.3	0.3	-27.0
7130.250000	-27.5	0.5	-27.0
7127.750000	-27.8	0.8	-27.0
7127.250000	-27.8	0.8	-27.0
7128.750000	-27.9	0.9	-27.0
7126.250000	-28.3	1.3	-27.0
7129.750000	-28.3	1.3	-27.0
7133.750000	-28.3	1.3	-27.0
7134.250000	-28.3	1.3	-27.0
7130.750000	-28.4	1.4	-27.0
7125.750000	-28.4	1.4	-27.0
7132.250000	-28.5	1.5	-27.0
7140.750000	-28.6	1.6	-27.0
7147.250000	-28.6	1.6	-27.0
7131.750000	-28.7	1.7	-27.0

Measurement Settings

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



Emissions in restricted frequency bands (Average) (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
---	---	---	---	---	---

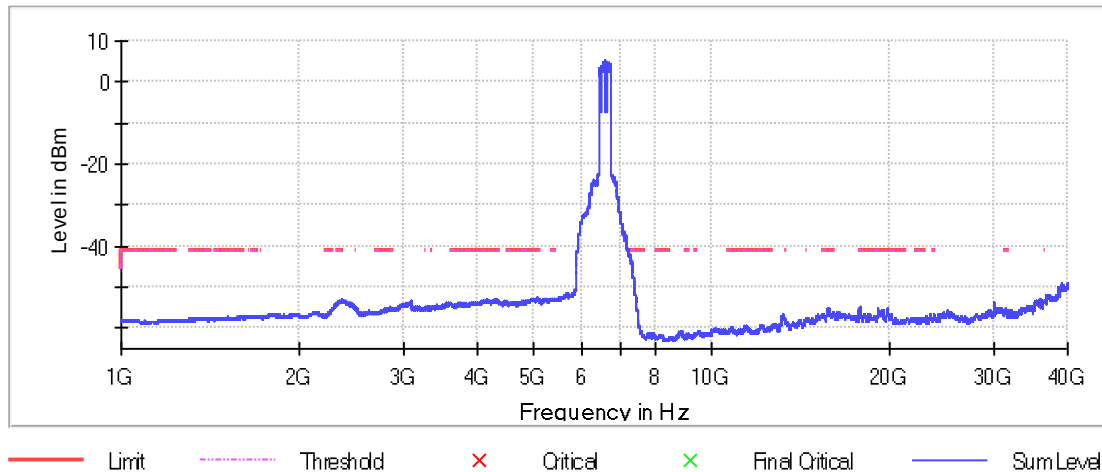
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7258.750000	-42.1	0.9	-41.2
7252.250000	-42.1	0.9	-41.2
7260.750000	-42.2	1.0	-41.2
7267.750000	-42.2	1.0	-41.2
7261.250000	-42.2	1.0	-41.2
7250.250000	-42.3	1.1	-41.2
7257.250000	-42.3	1.1	-41.2
7251.250000	-42.3	1.1	-41.2
7258.250000	-42.3	1.1	-41.2
7260.250000	-42.3	1.1	-41.2
7256.250000	-42.3	1.1	-41.2
7251.750000	-42.3	1.1	-41.2
7265.250000	-42.3	1.1	-41.2
7250.750000	-42.4	1.2	-41.2
7252.750000	-42.4	1.2	-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

Restricted Band



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
---	---	---	---	---	---

Pre Measurements

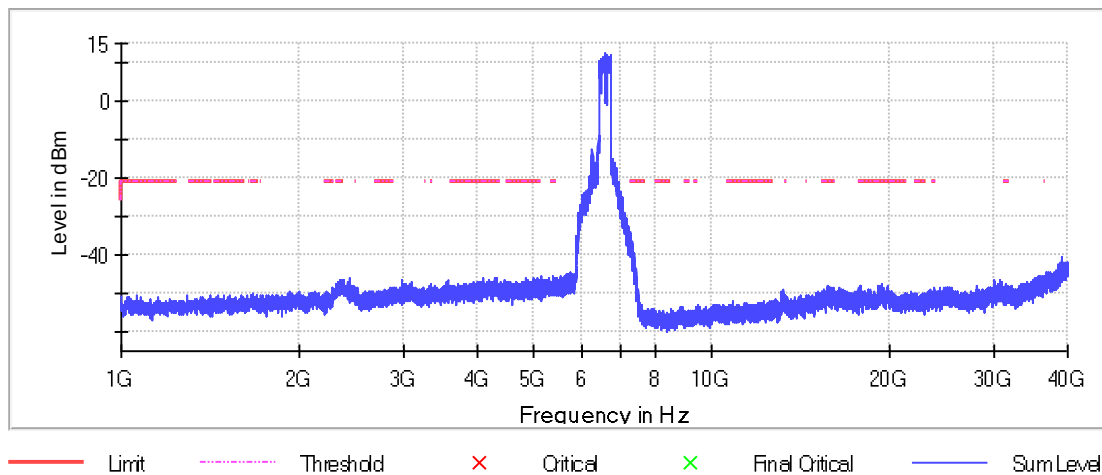
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7252.750000	-34.2	13.0	-21.2
7279.250000	-34.5	13.3	-21.2
7284.750000	-35.1	13.9	-21.2
7286.250000	-35.5	14.3	-21.2
7266.750000	-35.6	14.4	-21.2
7257.250000	-35.7	14.5	-21.2
7266.250000	-35.9	14.7	-21.2
7274.250000	-35.9	14.7	-21.2
7269.250000	-36.0	14.8	-21.2
7263.750000	-36.1	14.9	-21.2

7251.750000	-36.2	15.0	-21.2
7250.250000	-36.3	15.1	-21.2
7262.750000	-36.3	15.1	-21.2
7254.250000	-36.3	15.1	-21.2
7252.250000	-36.4	15.2	-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



-- End of Report --