

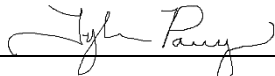


427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-U7PRO
ISED ID	6545A-U7PRO
Equipment Under Test	U7-Pro
Test Report Serial Number	TR8555_01
Date of Test	30 August 2023
Report Issue Date	18 September 2023

Test Personnel

Testing performed by	Tyler Parry 
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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 2023. 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 2024. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



1 UNII-7 Band

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

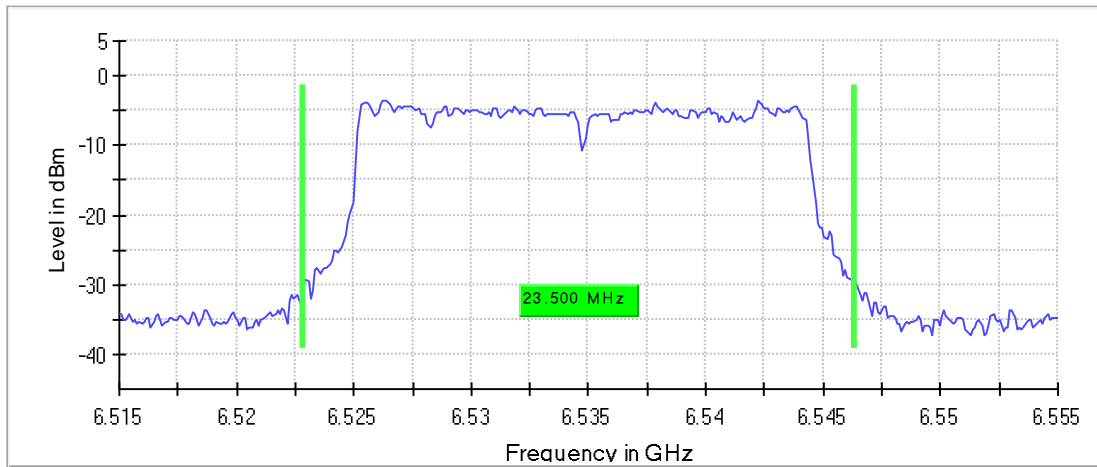
Emission Bandwidth 26 dB (6535 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

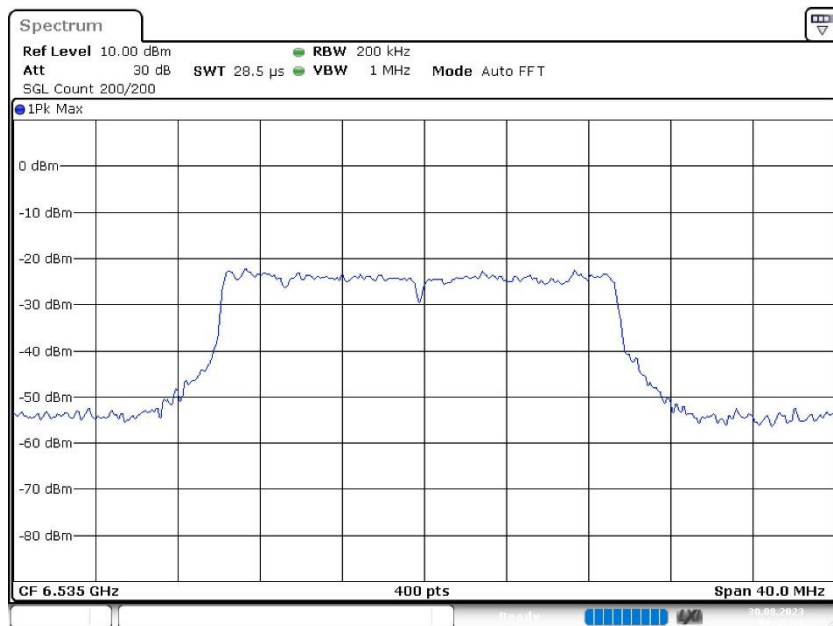
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6535.000000	23.500000	---	320.000000	6522.850000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6535.000000	6546.350000	---	-3.4	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	12.8	24.0	12.8	99.722	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
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In-Band Emissions (6535 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
6535.000000	PASS

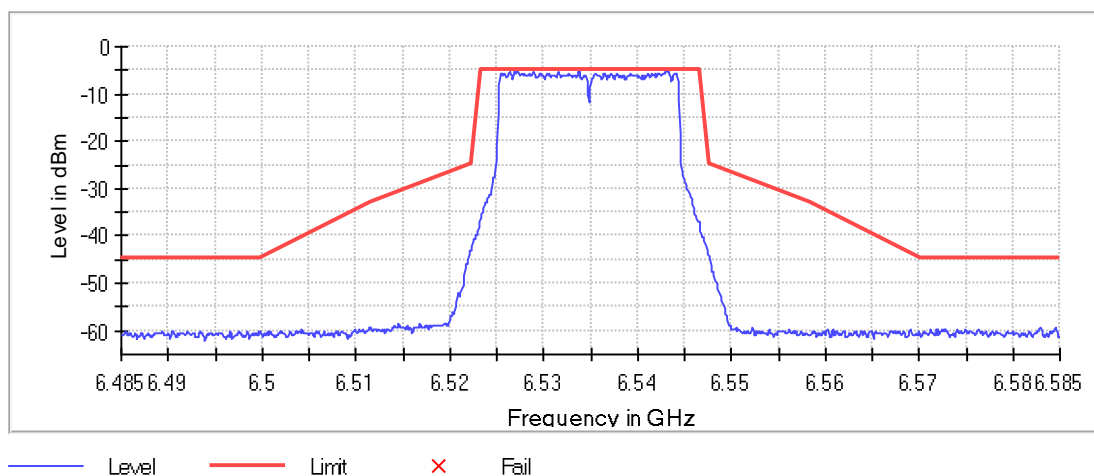
Inband Peak

Frequency (MHz)	Level (dBm)
6543.050000	-4.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6527.150000	-5.1	0.2	-4.9	PASS
6543.350000	-5.2	0.3	-4.9	PASS
6527.250000	-5.2	0.3	-4.9	PASS
6533.750000	-5.2	0.4	-4.9	PASS
6526.950000	-5.3	0.4	-4.9	PASS
6533.850000	-5.3	0.4	-4.9	PASS
6528.850000	-5.3	0.4	-4.9	PASS
6526.350000	-5.3	0.5	-4.9	PASS
6543.250000	-5.3	0.5	-4.9	PASS
6528.950000	-5.4	0.5	-4.9	PASS
6531.550000	-5.4	0.5	-4.9	PASS
6527.350000	-5.4	0.6	-4.9	PASS
6542.950000	-5.4	0.6	-4.9	PASS
6543.150000	-5.5	0.6	-4.9	PASS
6526.250000	-5.5	0.6	-4.9	PASS

In Band



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
Sweptime	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

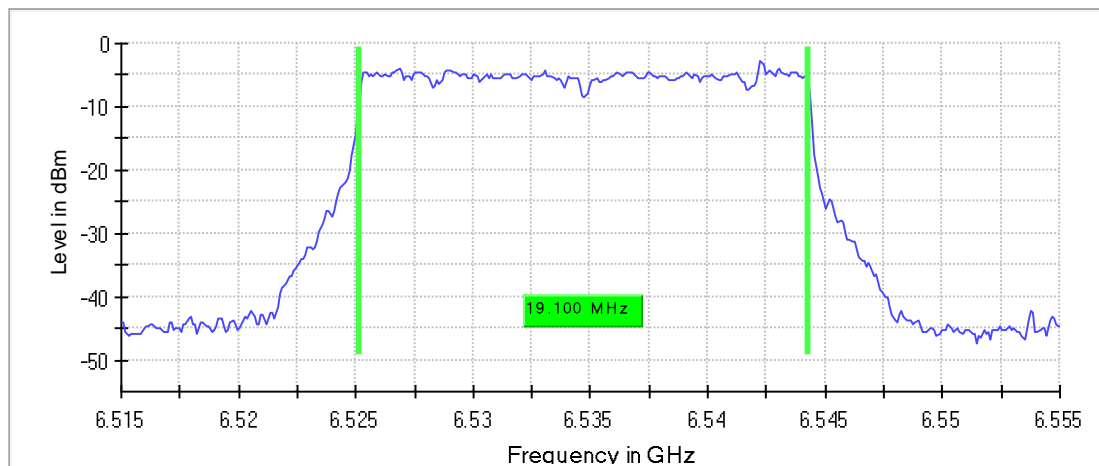
Occupied Channel Bandwidth 99% (6535 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

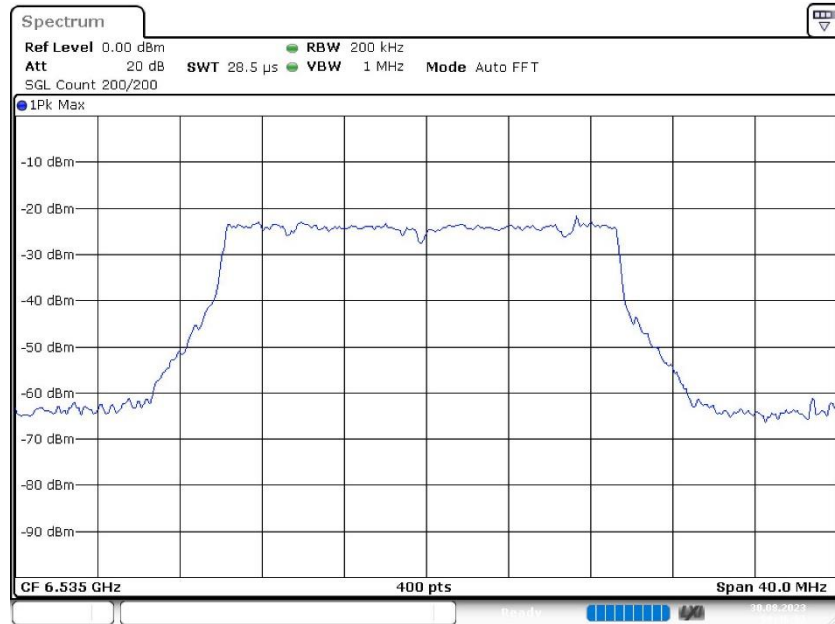
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6535.000000	19.100000	---	320.000000	6525.150000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6535.000000	6544.250000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Date: 30.AUG.2023 00:46:02

Measurement

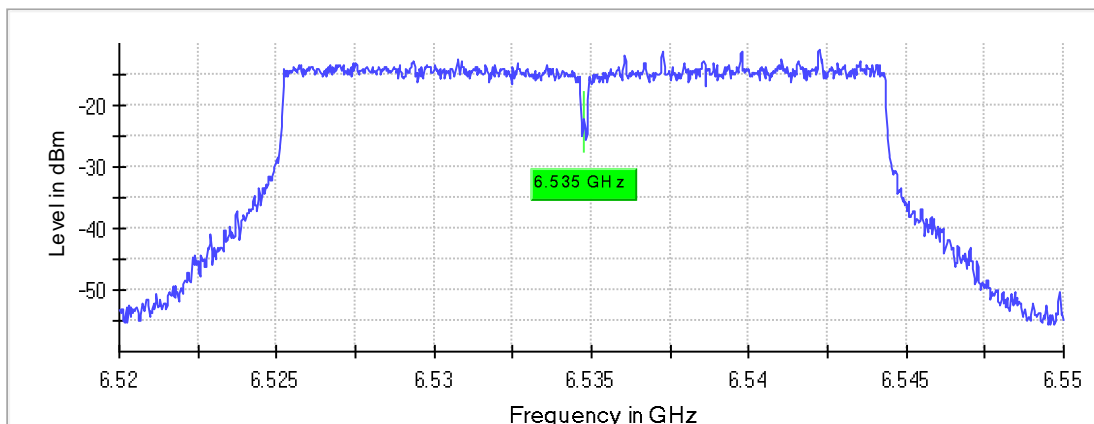
Setting	Instrument Value	Target Value
Start Frequency	6.51500 GHz	6.51500 GHz
Stop Frequency	6.55500 GHz	6.55500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	28.477 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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

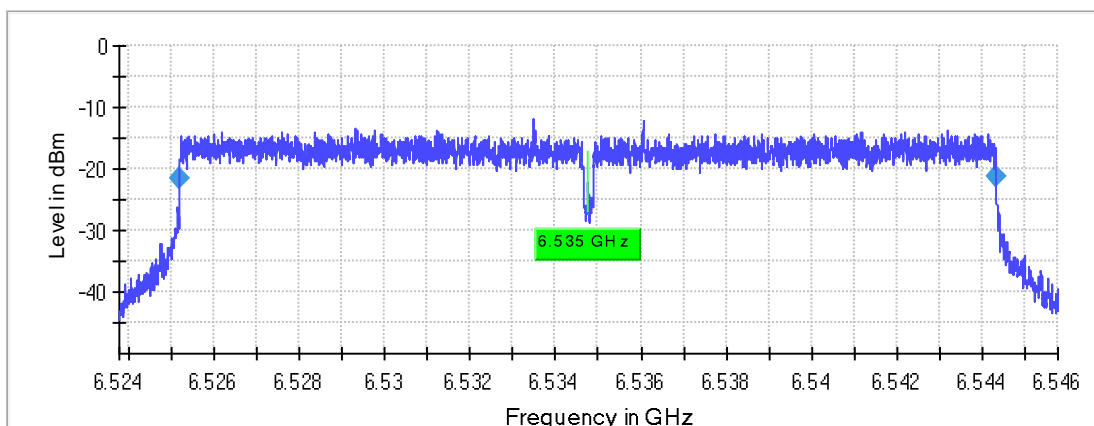
DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6535.000000	6534.763126	36.247	-236.874500	---	---	PASS

Frequency stability Pre



— Center frequency — Max Hold

Frequency stability



◆ Edge points — Max Hold — Center frequency

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.52378 GHz	6.52378 GHz
Stop Frequency	6.54578 GHz	6.54578 GHz
Span	22.000 MHz	22.000 MHz
RBW	20.000 kHz	≤ 22.000 kHz
VBW	100.000 kHz	≥ 60.000 kHz
SweepPoints	10001	~ 10001
SweepTime	473.902 μs	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

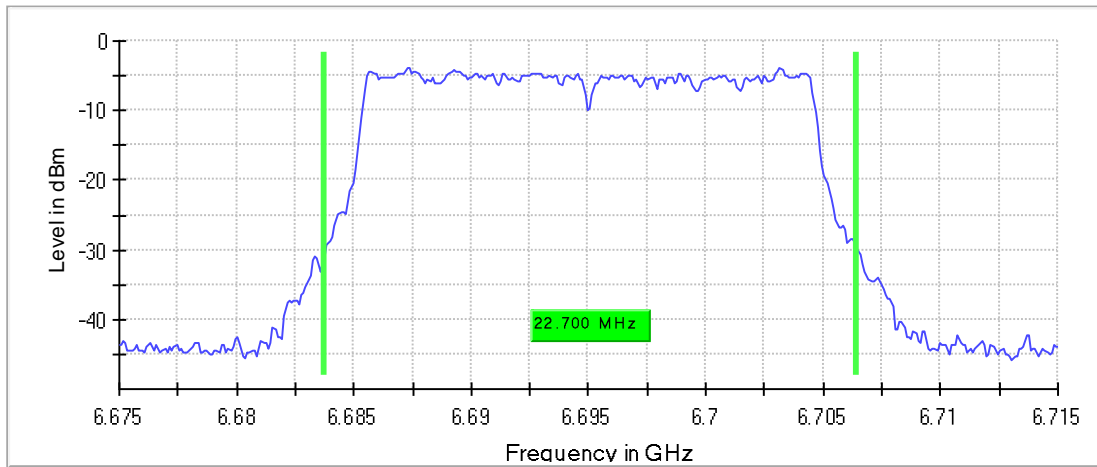
Emission Bandwidth 26 dB (6695 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

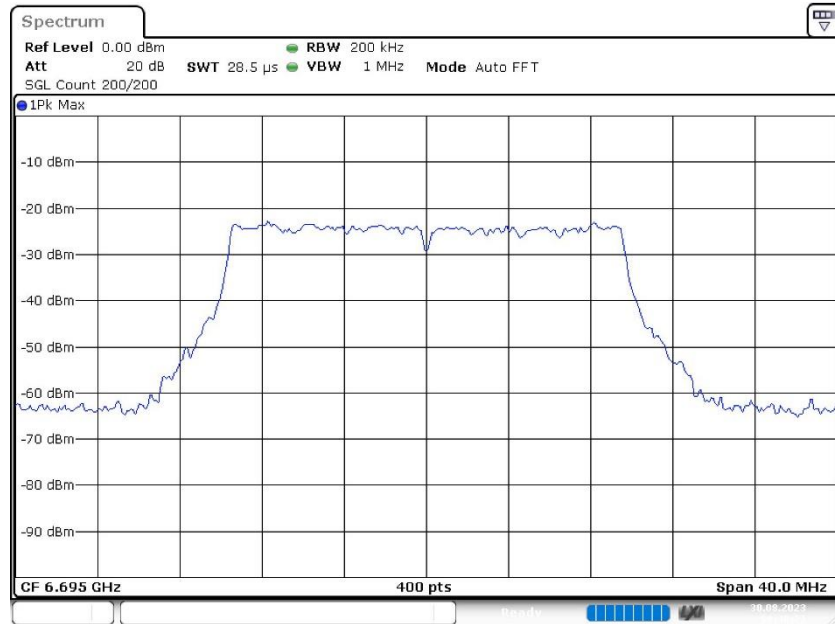
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6695.000000	22.700000	---	320.000000	6683.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
6695.000000	6706.450000	---	-3.7	PASS

26 dB Bandwidth



Bandwidth



Date: 30.AUG.2023 00:48:22

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

Result

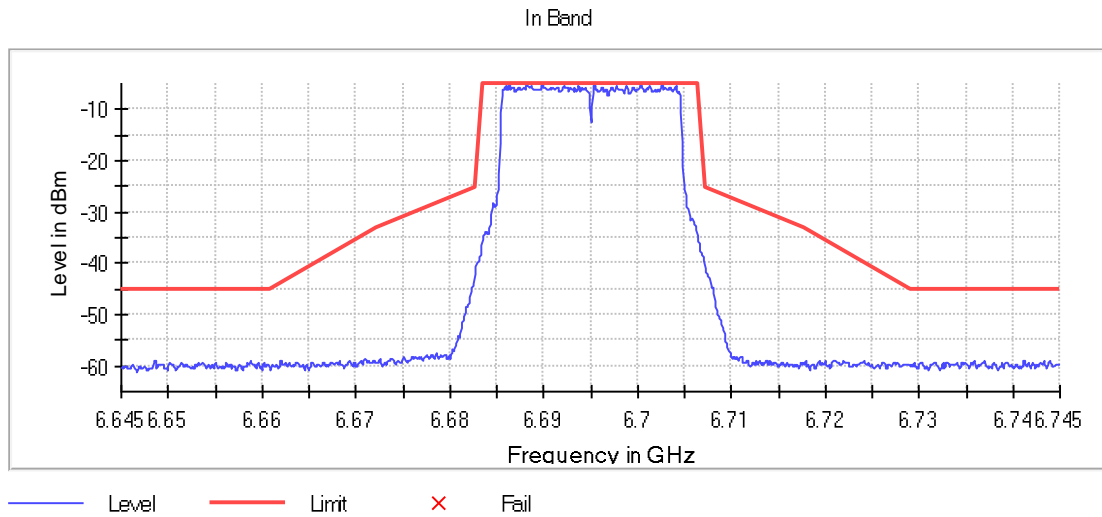
DUT Frequency (MHz)	Result
6695.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6689.850000	-5.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6689.850000	-5.2	0.0	-5.2	PASS
6686.250000	-5.3	0.1	-5.2	PASS
6693.750000	-5.3	0.1	-5.2	PASS
6688.650000	-5.3	0.1	-5.2	PASS
6689.750000	-5.3	0.1	-5.2	PASS
6704.150000	-5.4	0.2	-5.2	PASS
6695.450000	-5.4	0.2	-5.2	PASS
6685.950000	-5.4	0.2	-5.2	PASS
6688.150000	-5.4	0.2	-5.2	PASS
6701.250000	-5.4	0.2	-5.2	PASS
6695.350000	-5.4	0.2	-5.2	PASS
6688.350000	-5.4	0.3	-5.2	PASS
6702.550000	-5.5	0.3	-5.2	PASS
6697.750000	-5.5	0.3	-5.2	PASS
6700.450000	-5.5	0.3	-5.2	PASS

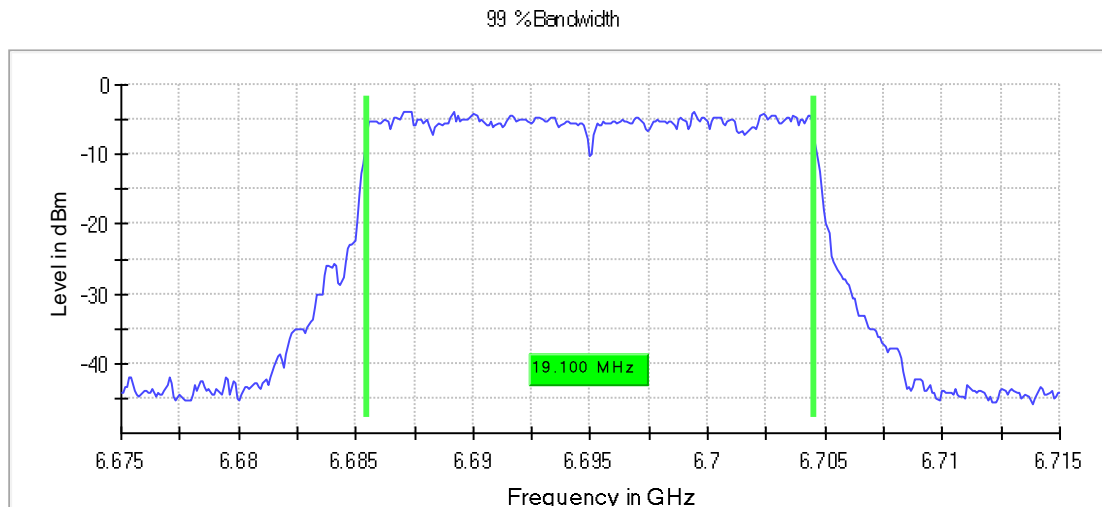


Occupied Channel Bandwidth 99% (6695 MHz; 24.000 dBm; 20 MHz)

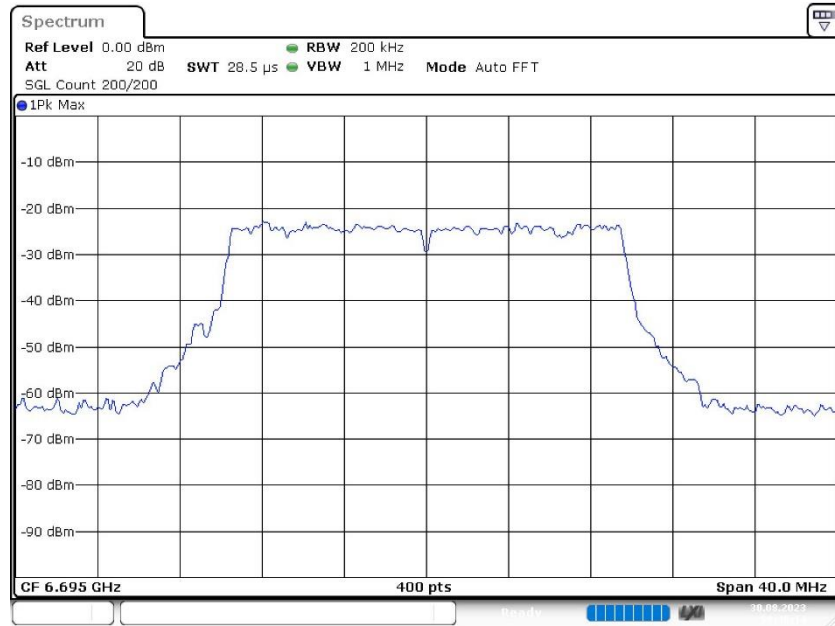
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6695.000000	19.100000	---	320.000000	6685.450000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6695.000000	6704.550000	7125.000000	PASS



Bandwidth



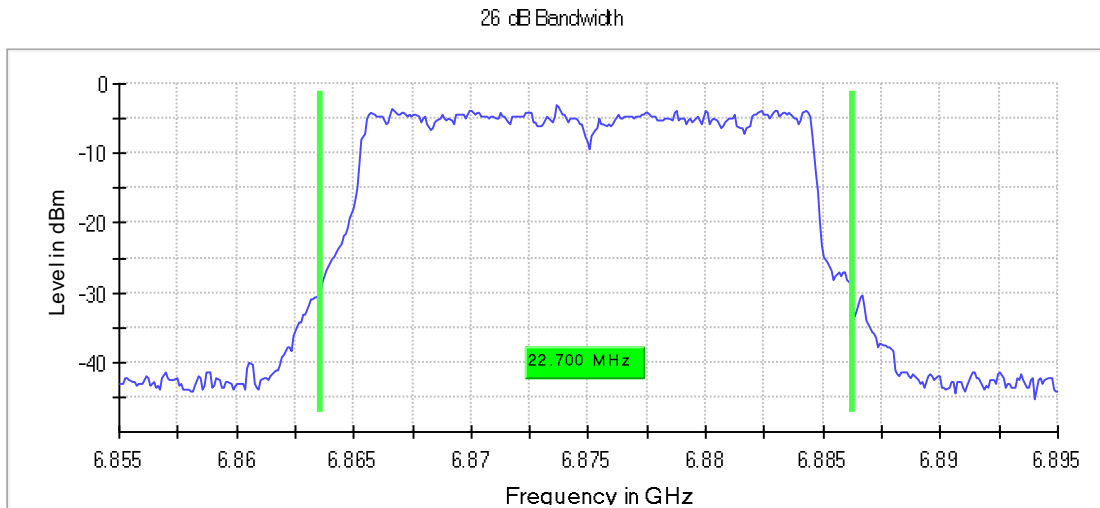
Date: 30.AUG.2023 00:49:15

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

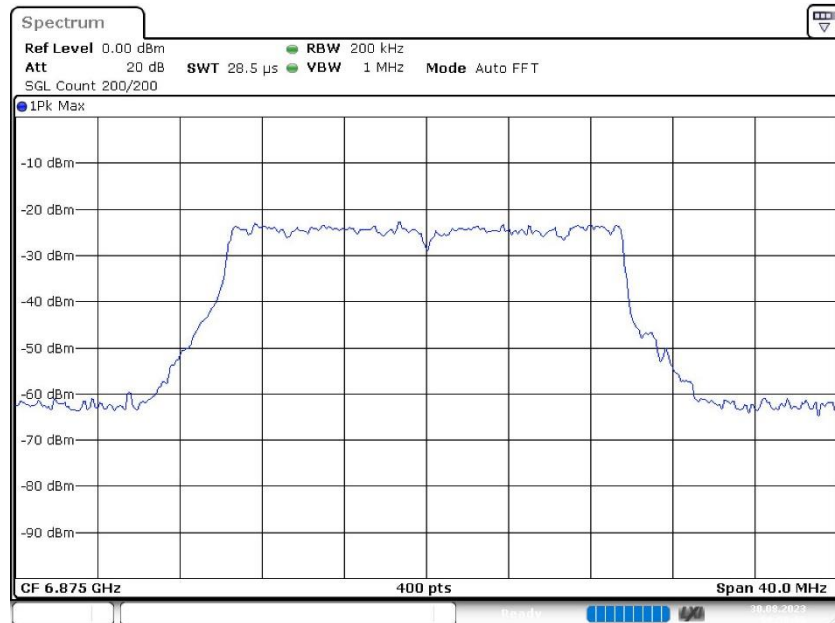
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	22.700000	11.450000	11.250000	---	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
6875.000000	6863.550000	---	6886.250000	---	-3.2	PASS



Bandwidth



Date: 30.AUG.2023 00:50:09

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

Result

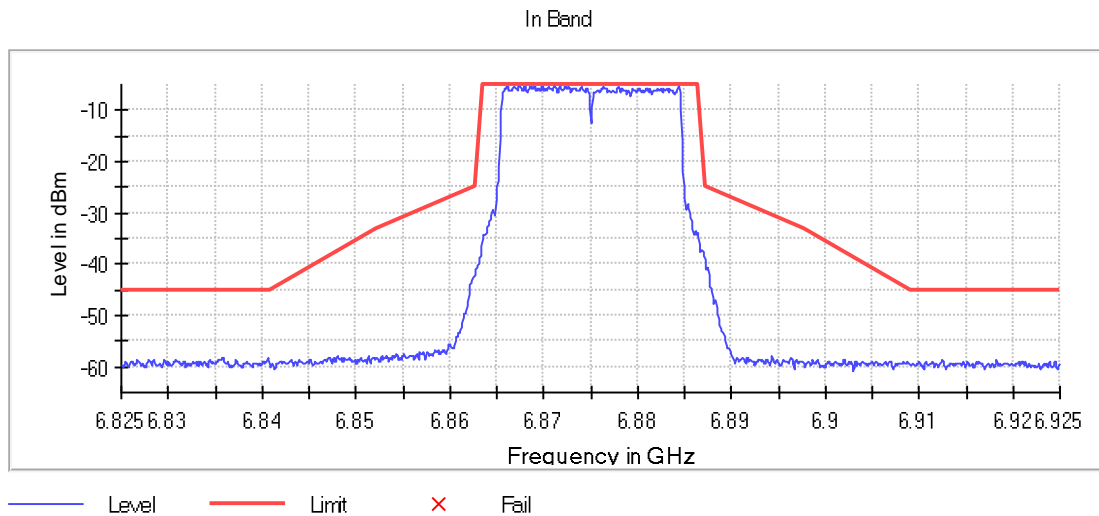
DUT Frequency (MHz)	Result
6875.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6884.450000	-5.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6884.450000	-5.0	0.0	-5.0	PASS
6867.450000	-5.1	0.0	-5.0	PASS
6871.150000	-5.1	0.1	-5.0	PASS
6871.750000	-5.2	0.1	-5.0	PASS
6866.050000	-5.2	0.1	-5.0	PASS
6867.350000	-5.2	0.2	-5.0	PASS
6868.650000	-5.2	0.2	-5.0	PASS
6876.350000	-5.3	0.2	-5.0	PASS
6867.550000	-5.3	0.2	-5.0	PASS
6866.150000	-5.3	0.2	-5.0	PASS
6868.950000	-5.3	0.3	-5.0	PASS
6868.550000	-5.3	0.3	-5.0	PASS
6872.650000	-5.3	0.3	-5.0	PASS
6867.950000	-5.3	0.3	-5.0	PASS
6871.250000	-5.3	0.3	-5.0	PASS

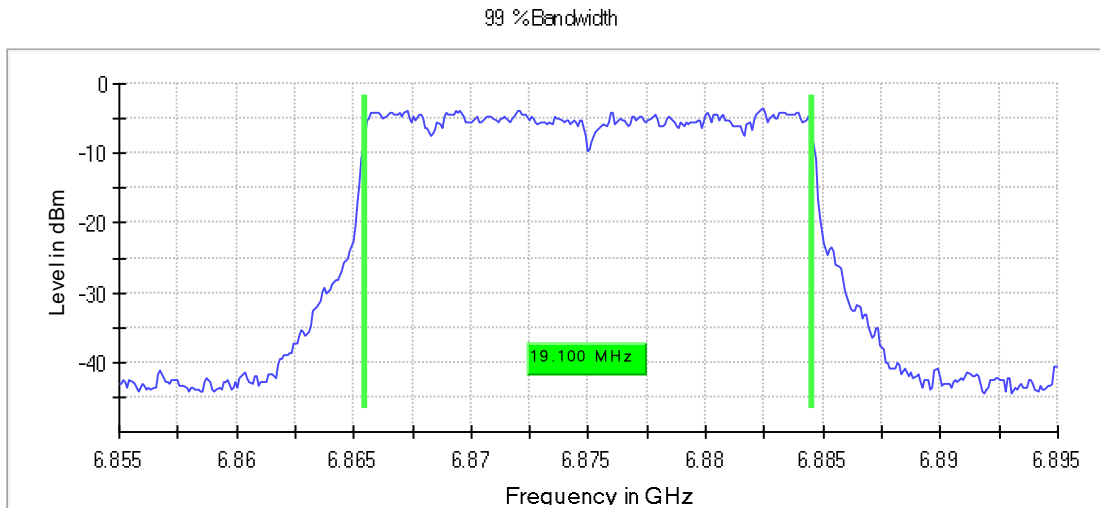


Occupied Channel Bandwidth 99% (6875 MHz; 24.000 dBm; 20 MHz)

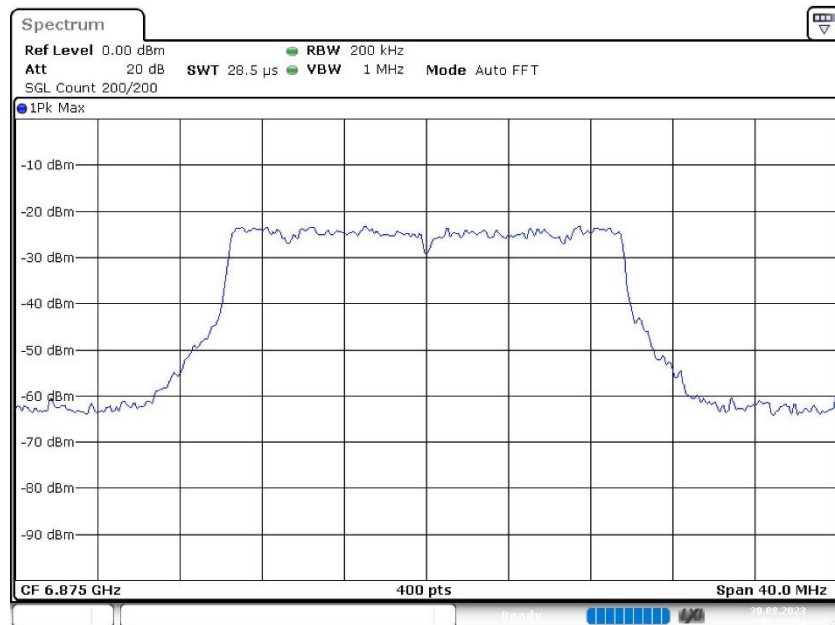
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	19.100000	9.550000	9.550000	---	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	6865.450000	5925.000000	6884.550000	7125.000000	PASS



Bandwidth



Date: 30.AUG.2023 00:50:59

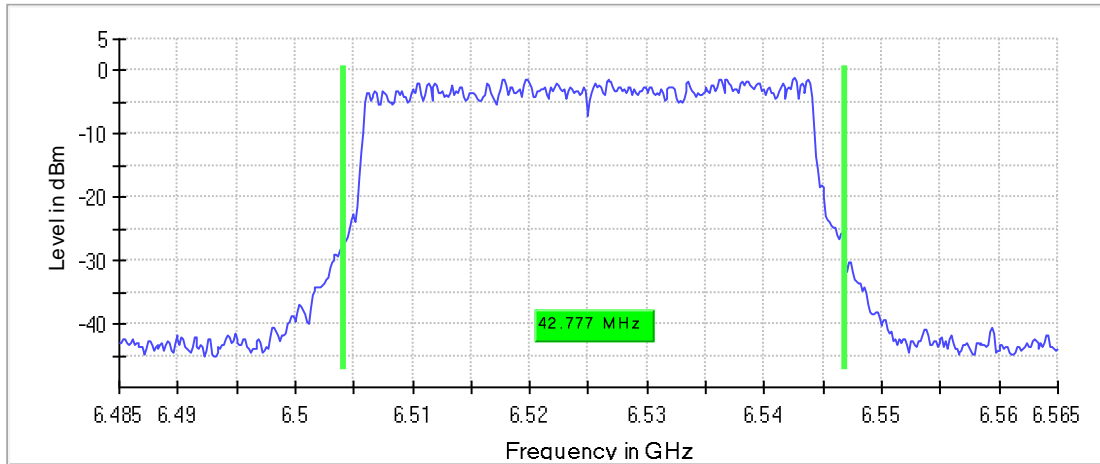
Emission Bandwidth 26 dB (6525 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

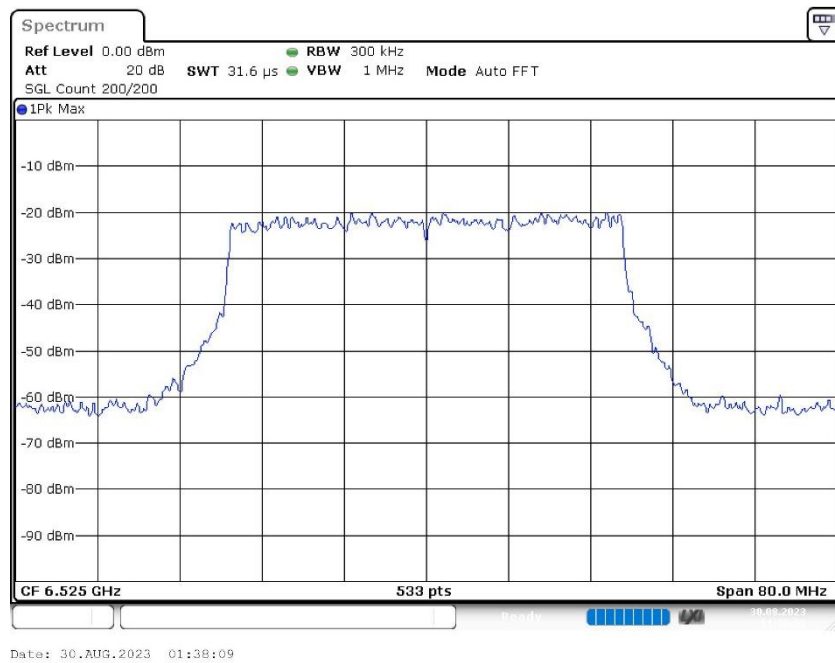
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6525.000000	42.776735	20.863039	21.913696	---	320.000000

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	6504.136961	---	6546.913696	---	-1.1	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6525.000000	PASS

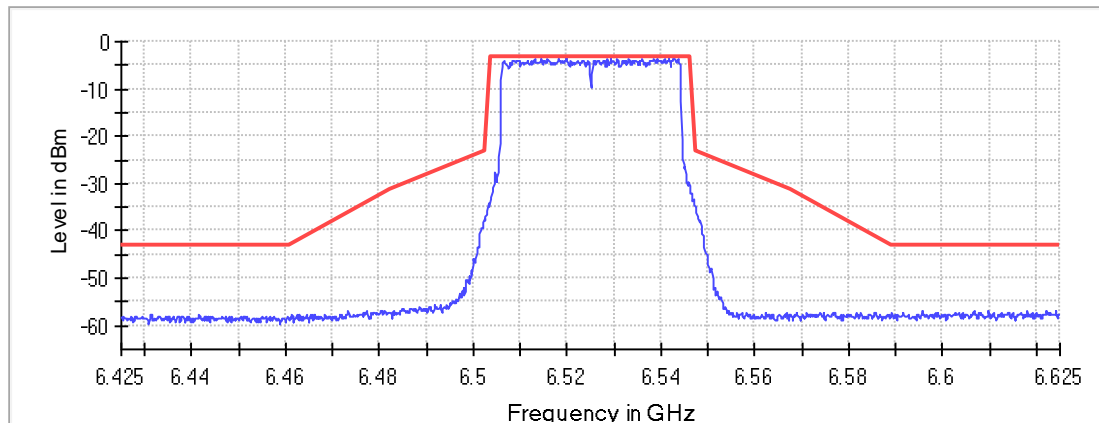
Inband Peak

Frequency (MHz)	Level (dBm)
6519.898725	-3.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6538.503376	-3.5	0.3	-3.3	PASS
6530.701425	-3.6	0.3	-3.3	PASS
6543.604651	-3.6	0.4	-3.3	PASS
6528.450863	-3.6	0.4	-3.3	PASS
6528.600900	-3.6	0.4	-3.3	PASS
6536.102776	-3.7	0.4	-3.3	PASS
6515.847712	-3.7	0.4	-3.3	PASS
6513.297074	-3.7	0.4	-3.3	PASS
6514.497374	-3.7	0.5	-3.3	PASS
6513.147037	-3.7	0.5	-3.3	PASS
6540.753938	-3.8	0.5	-3.3	PASS
6529.351088	-3.8	0.5	-3.3	PASS
6542.854464	-3.8	0.5	-3.3	PASS
6539.253563	-3.8	0.5	-3.3	PASS
6542.704426	-3.8	0.5	-3.3	PASS

In Band



— Level — Limit × Fail

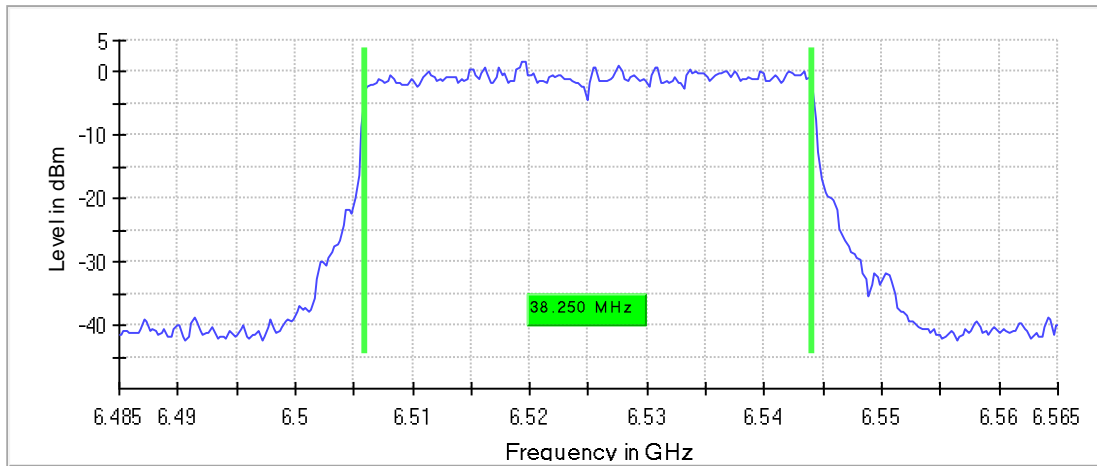
Occupied Channel Bandwidth 99% (6525 MHz; 24.000 dBm; 40 MHz)

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

99 %Bandwidth



Bandwidth



Date: 30.AUG.2023 01:39:02

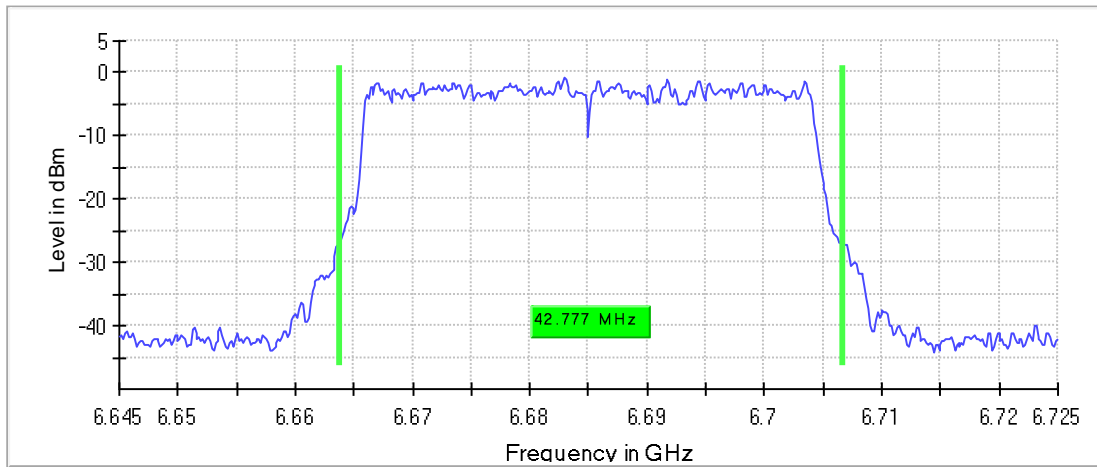
Emission Bandwidth 26 dB (6685 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

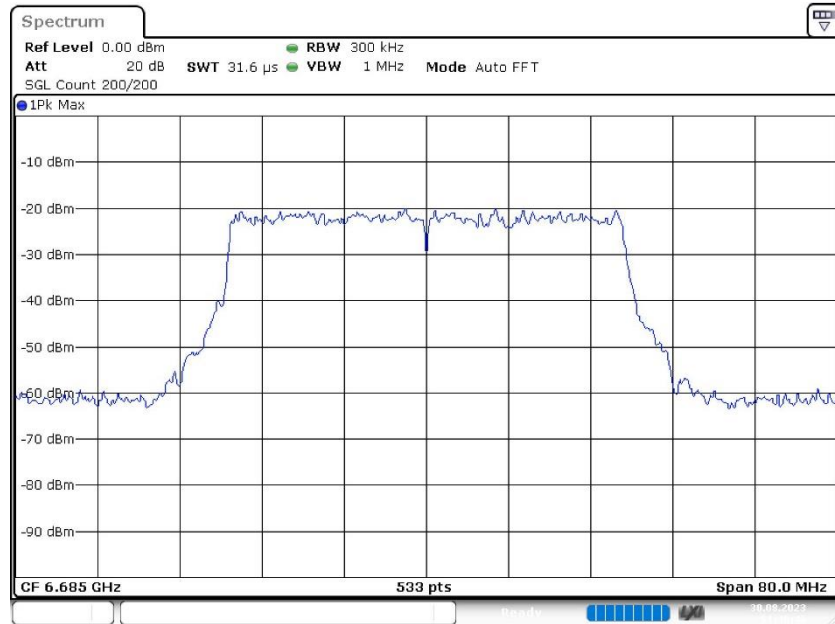
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6685.000000	42.776735	---	320.000000	6663.836773	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6685.000000	6706.613508	---	-0.9	PASS

26 dB Bandwidth



Bandwidth



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

Result

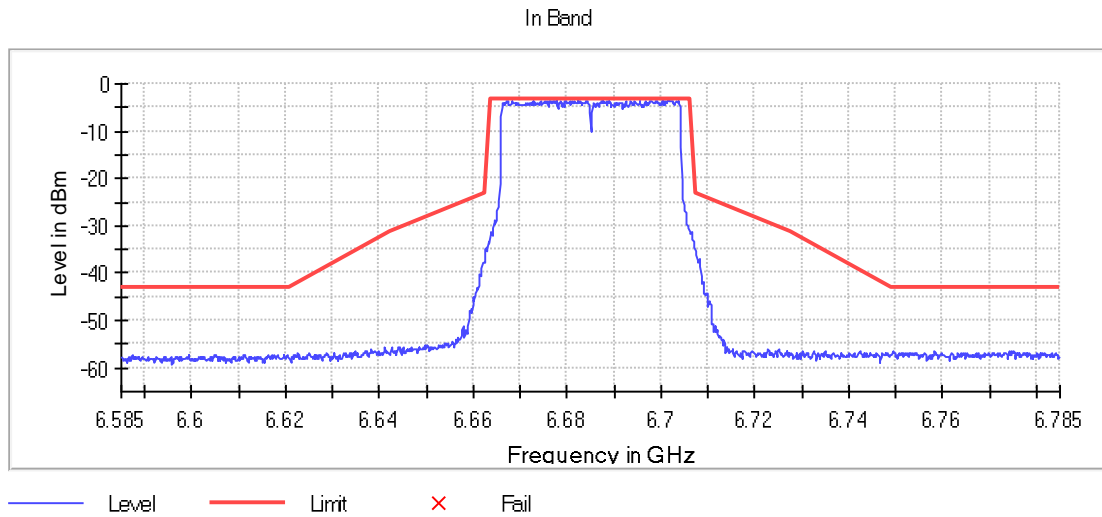
DUT Frequency (MHz)	Result
6685.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6701.504126	-3.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6701.654164	-3.2	0.0	-3.2	PASS
6677.798200	-3.3	0.2	-3.2	PASS
6700.303826	-3.4	0.2	-3.2	PASS
6682.299325	-3.4	0.2	-3.2	PASS
6677.648162	-3.5	0.3	-3.2	PASS
6700.453863	-3.5	0.3	-3.2	PASS
6698.803451	-3.5	0.3	-3.2	PASS
6697.903226	-3.5	0.3	-3.2	PASS
6679.748687	-3.5	0.3	-3.2	PASS
6672.996999	-3.5	0.3	-3.2	PASS
6701.354089	-3.5	0.3	-3.2	PASS
6679.898725	-3.5	0.3	-3.2	PASS
6681.099025	-3.5	0.4	-3.2	PASS
6667.295574	-3.5	0.4	-3.2	PASS
6684.099775	-3.5	0.4	-3.2	PASS

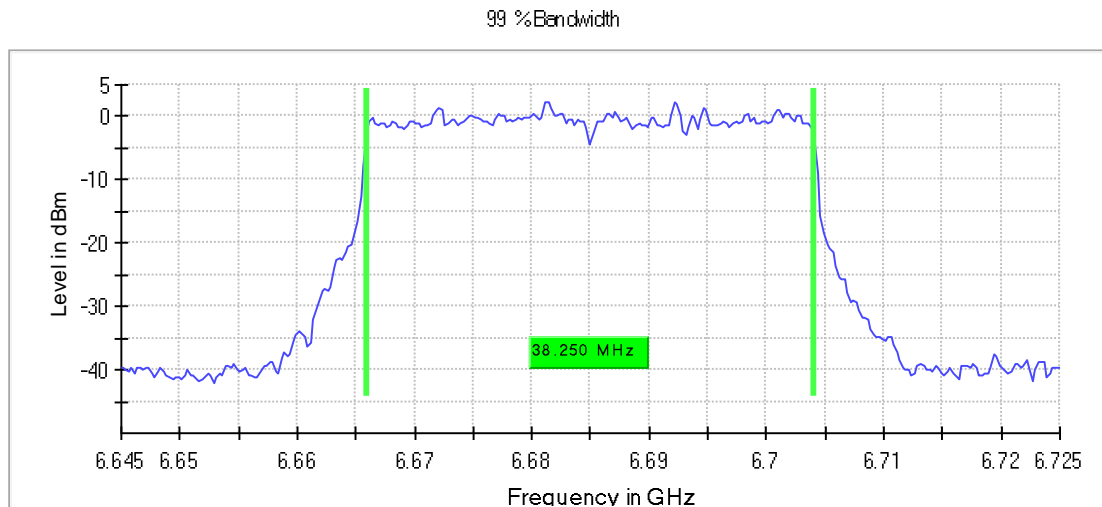


Occupied Channel Bandwidth 99% (6685 MHz; 24.000 dBm; 40 MHz)

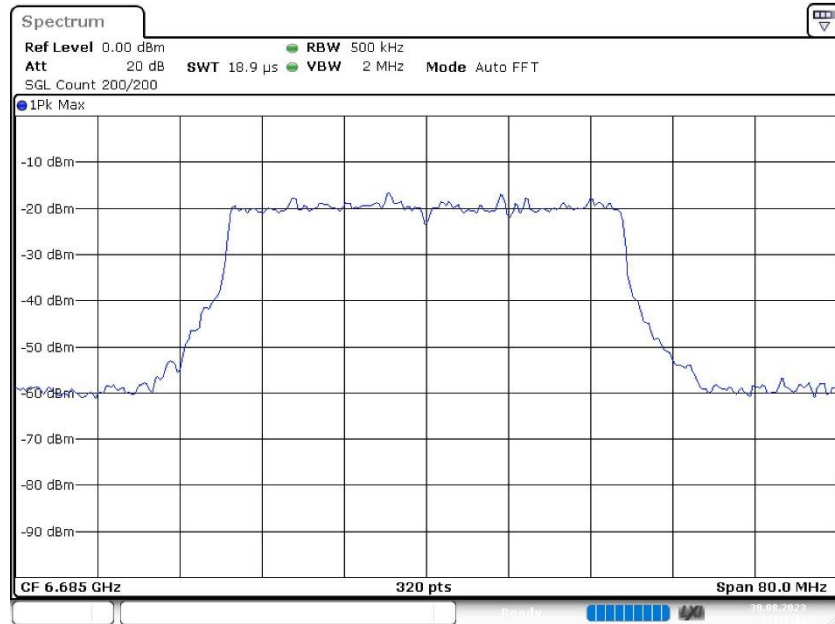
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6685.000000	38.250000	---	320.000000	6665.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6685.000000	6704.125000	7125.000000	PASS



Bandwidth



Date: 30.AUG.2023 01:41:40

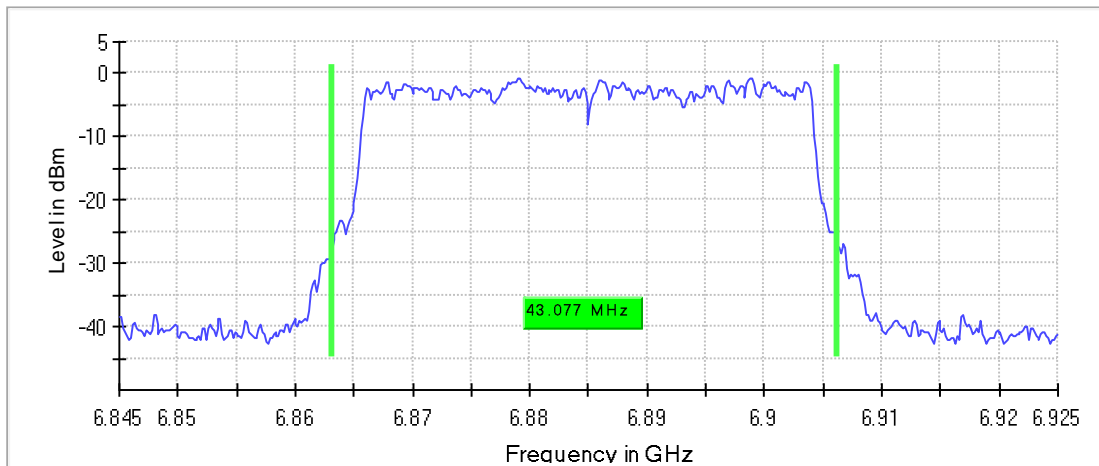
Emission Bandwidth 26 dB (6885 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

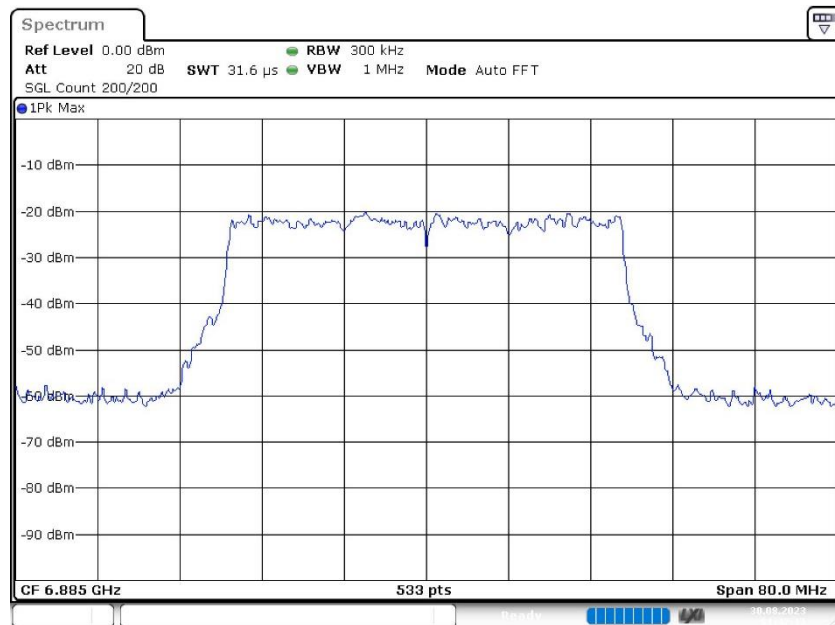
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	43.076923	11.913696	31.163227	---	320.000000

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	6863.086304	---	6906.163227	---	-0.6	PASS

26 dB Bandwidth



Bandwidth



Date: 30.AUG.2023 01:42:12

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

Result

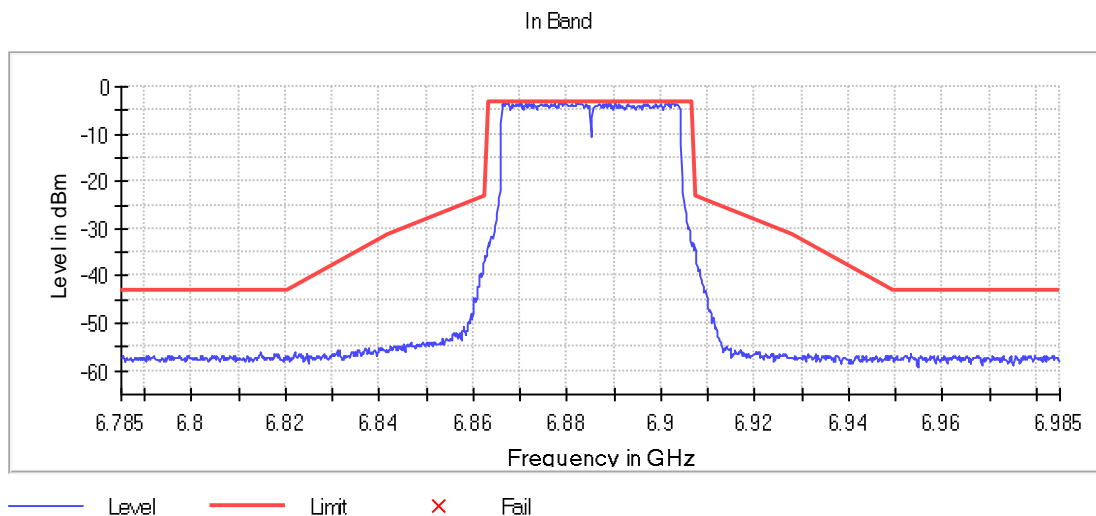
DUT Frequency (MHz)	Result
6885.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6890.251313	-3.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6890.251313	-3.1	0.0	-3.1	PASS
6878.698425	-3.2	0.0	-3.1	PASS
6866.845461	-3.2	0.1	-3.1	PASS
6870.146287	-3.3	0.1	-3.1	PASS
6866.545386	-3.3	0.2	-3.1	PASS
6881.999250	-3.3	0.2	-3.1	PASS
6890.101275	-3.4	0.2	-3.1	PASS
6877.348087	-3.4	0.3	-3.1	PASS
6867.445611	-3.4	0.3	-3.1	PASS
6879.598650	-3.4	0.3	-3.1	PASS
6877.198050	-3.5	0.3	-3.1	PASS
6898.953488	-3.5	0.3	-3.1	PASS
6875.247562	-3.5	0.3	-3.1	PASS
6883.049512	-3.5	0.3	-3.1	PASS
6884.099775	-3.5	0.4	-3.1	PASS

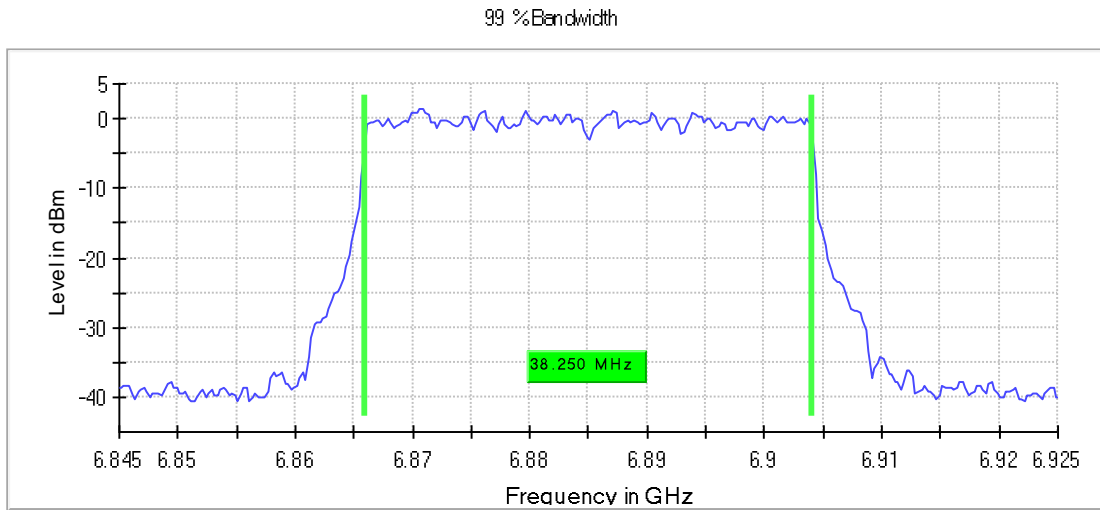


Occupied Channel Bandwidth 99% (6885 MHz; 24.000 dBm; 40 MHz)

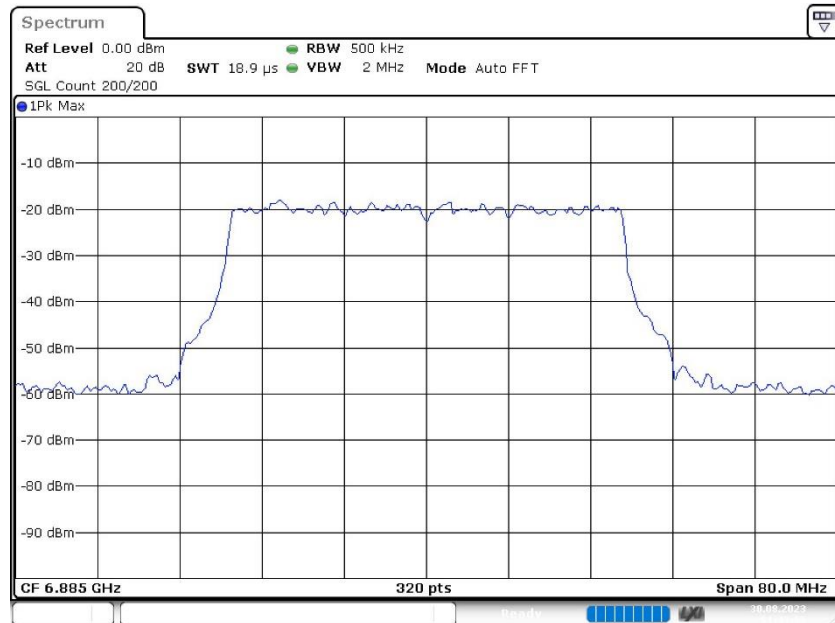
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	38.250000	9.125000	29.125000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6885.000000	6865.875000	5925.000000	6904.125000	7125.000000	PASS



Bandwidth



Date: 30.AUG.2023 01:43:10

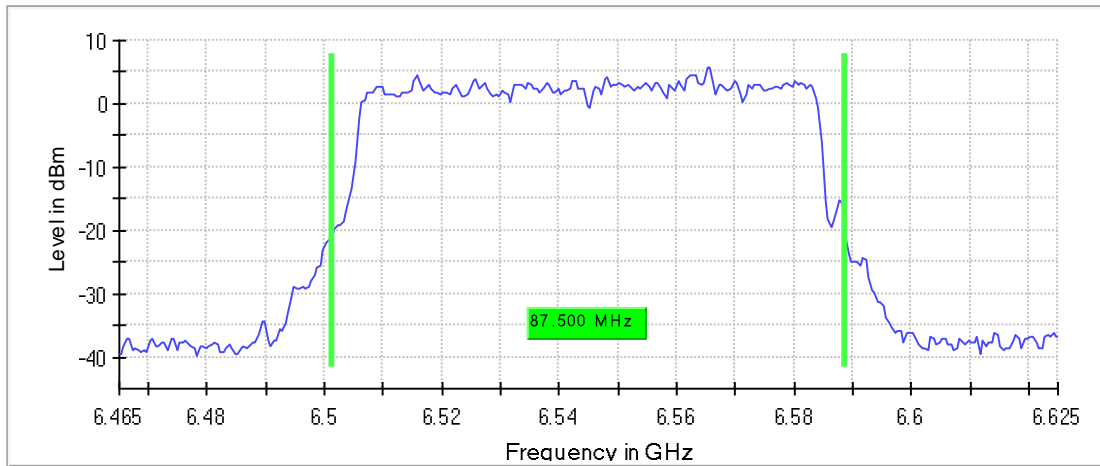
Emission Bandwidth 26 dB (6545 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

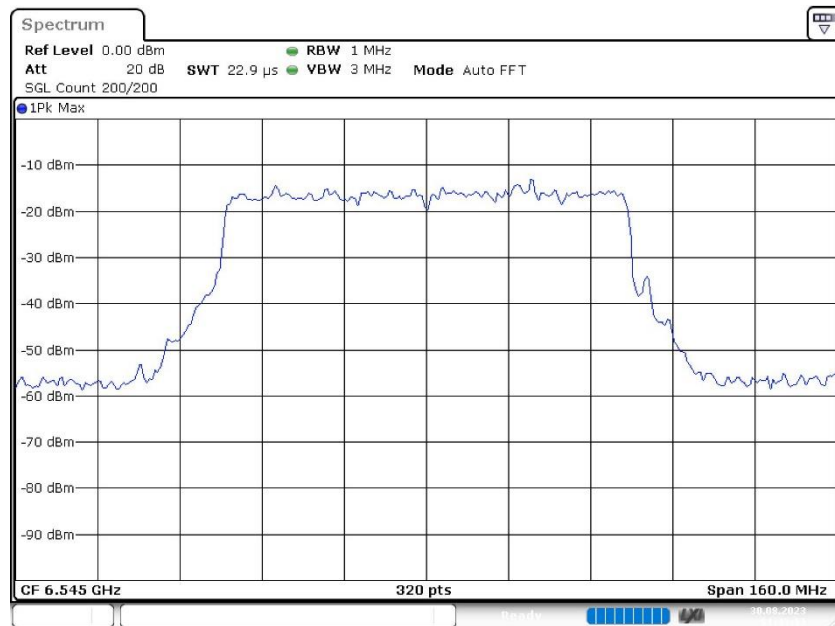
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	87.500000	23.750000	63.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6545.000000	6501.250000	---	6588.750000	---	5.8	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6545.000000	PASS

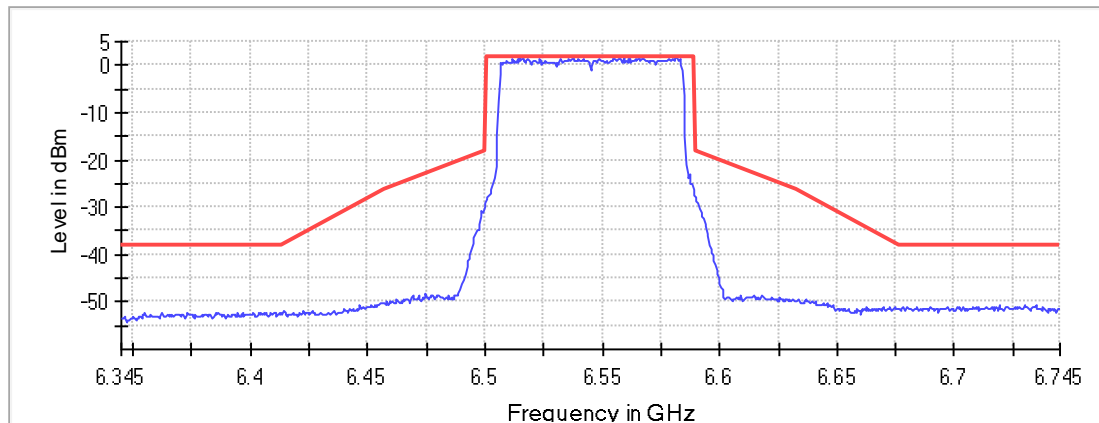
Inband Peak

Frequency (MHz)	Level (dBm)
6559.250000	1.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6559.250000	1.8	0.0	1.8	PASS
6581.750000	1.7	0.0	1.8	PASS
6514.750000	1.6	0.2	1.8	PASS
6557.250000	1.5	0.3	1.8	PASS
6565.750000	1.5	0.3	1.8	PASS
6565.250000	1.4	0.3	1.8	PASS
6513.750000	1.4	0.4	1.8	PASS
6583.250000	1.4	0.4	1.8	PASS
6557.750000	1.4	0.4	1.8	PASS
6554.750000	1.4	0.4	1.8	PASS
6537.250000	1.4	0.4	1.8	PASS
6535.750000	1.3	0.4	1.8	PASS
6516.250000	1.3	0.4	1.8	PASS
6561.750000	1.3	0.4	1.8	PASS
6537.750000	1.3	0.4	1.8	PASS

In Band



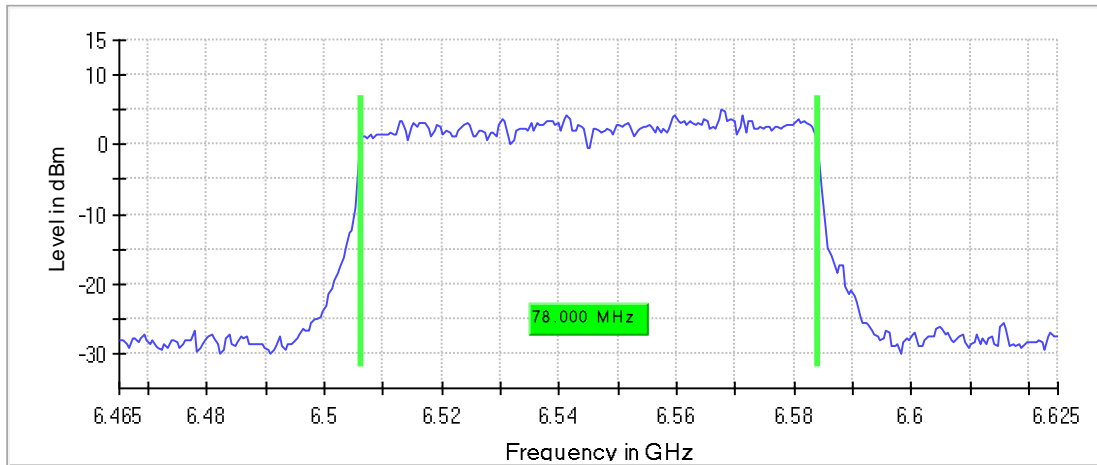
Occupied Channel Bandwidth 99% (6545 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

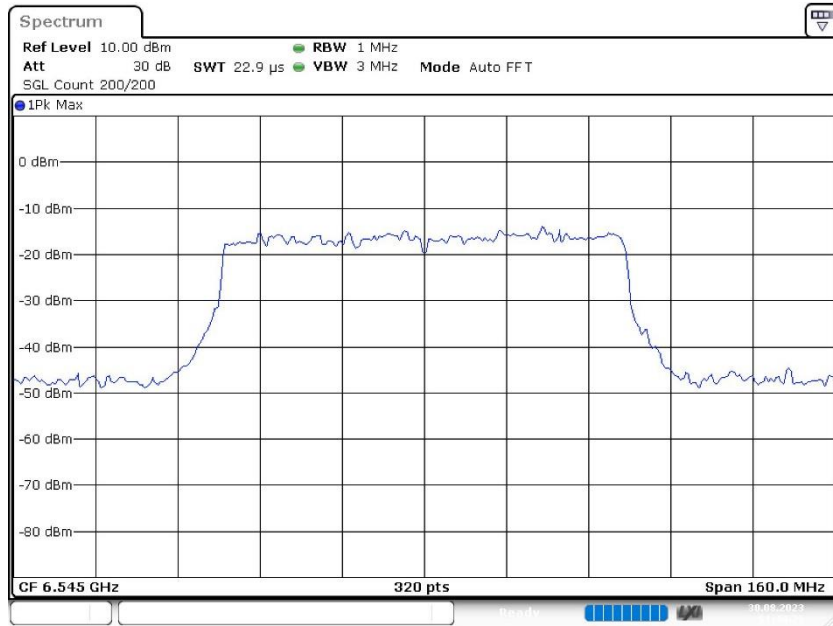
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	78.000000	18.750000	59.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6545.000000	6506.250000	5925.000000	6584.250000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Date: 30.AUG.2023 01:44:29

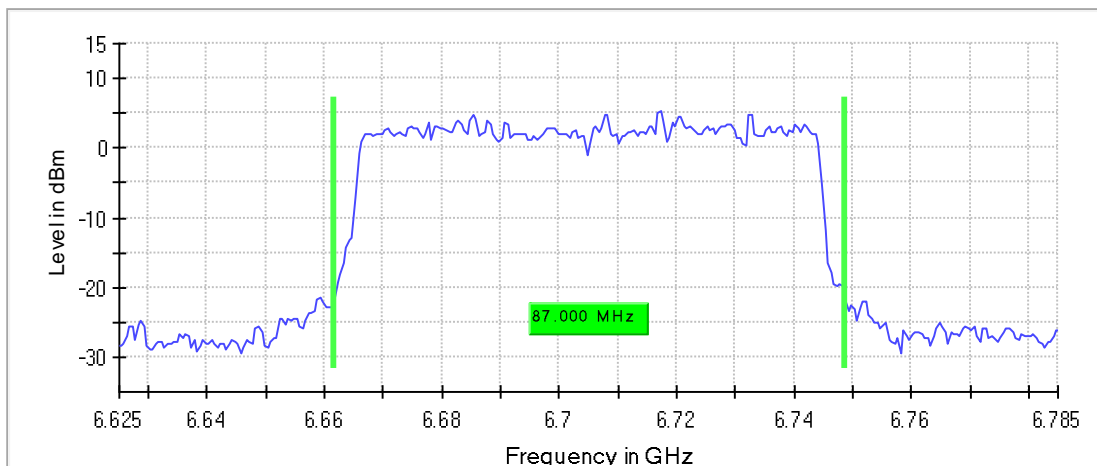
Emission Bandwidth 26 dB (6705 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

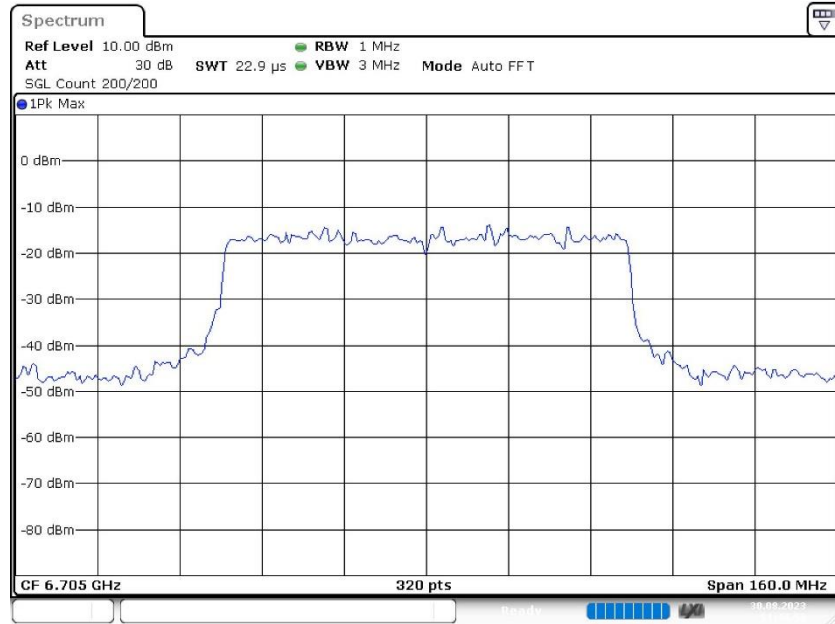
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6705.000000	87.000000	---	320.000000	6661.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6705.000000	6748.750000	---	5.3	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6705.000000	PASS

Inband Peak

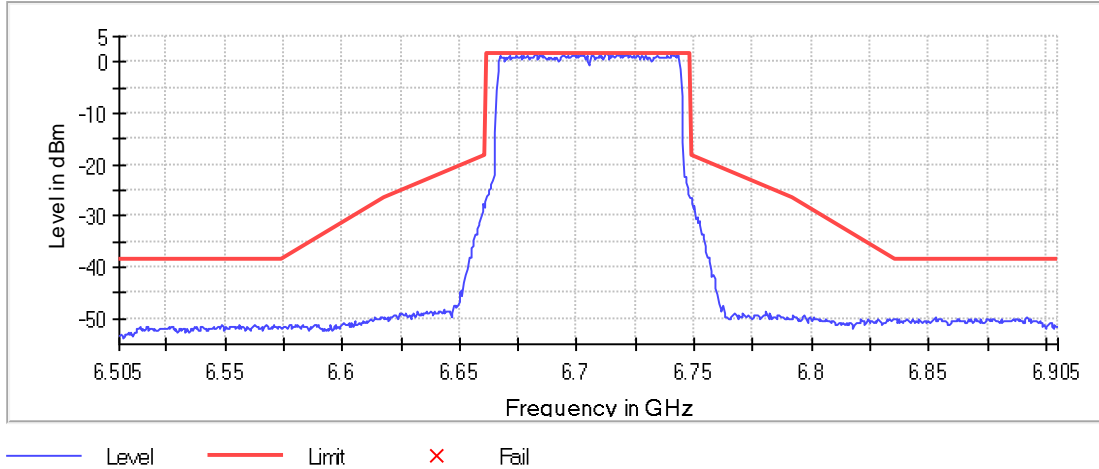
Frequency (MHz)	Level (dBm)
6712.750000	1.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6712.750000	1.7	0.0	1.7	PASS
6718.250000	1.7	0.0	1.7	PASS
6725.750000	1.7	0.0	1.7	PASS
6719.250000	1.6	0.0	1.7	PASS
6717.250000	1.5	0.1	1.7	PASS
6703.250000	1.5	0.2	1.7	PASS
6721.250000	1.5	0.2	1.7	PASS
6740.250000	1.5	0.2	1.7	PASS
6682.250000	1.5	0.2	1.7	PASS
6712.250000	1.4	0.2	1.7	PASS
6715.250000	1.4	0.2	1.7	PASS
6696.250000	1.4	0.3	1.7	PASS
6726.250000	1.4	0.3	1.7	PASS
6698.250000	1.4	0.3	1.7	PASS

6713.250000	1.4	0.3	1.7	PASS
-------------	-----	-----	-----	------

In Band



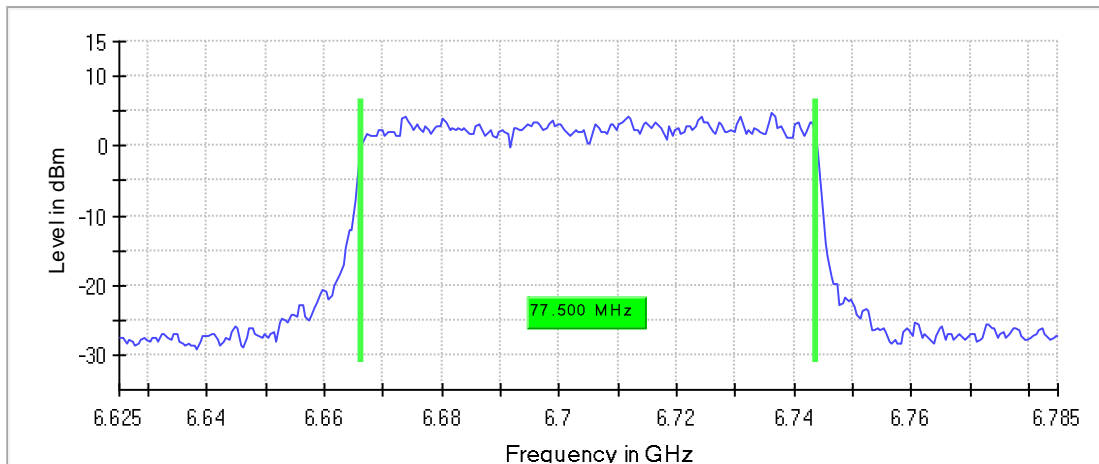
Occupied Channel Bandwidth 99% (6705 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

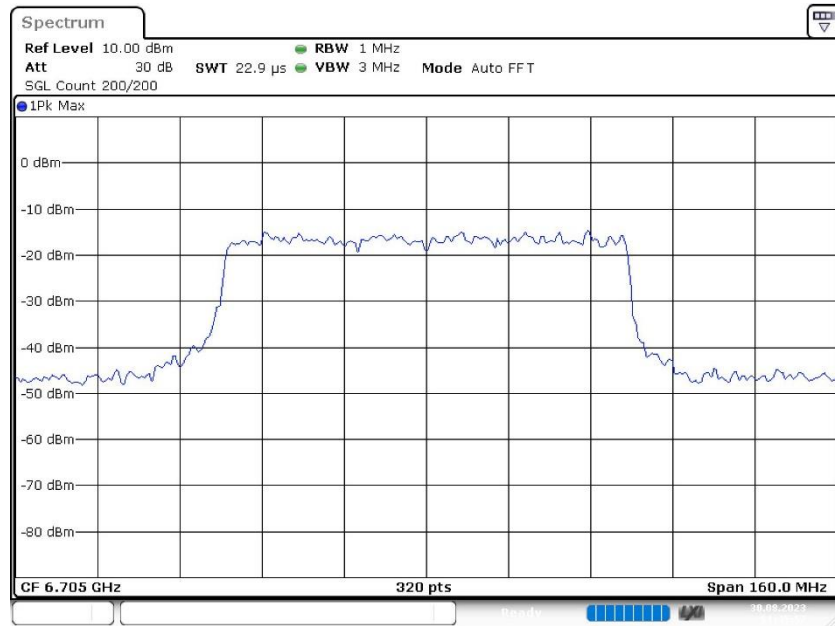
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6705.000000	77.500000	---	320.000000	6666.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6705.000000	6743.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Date: 30.AUG.2023 01:45:58

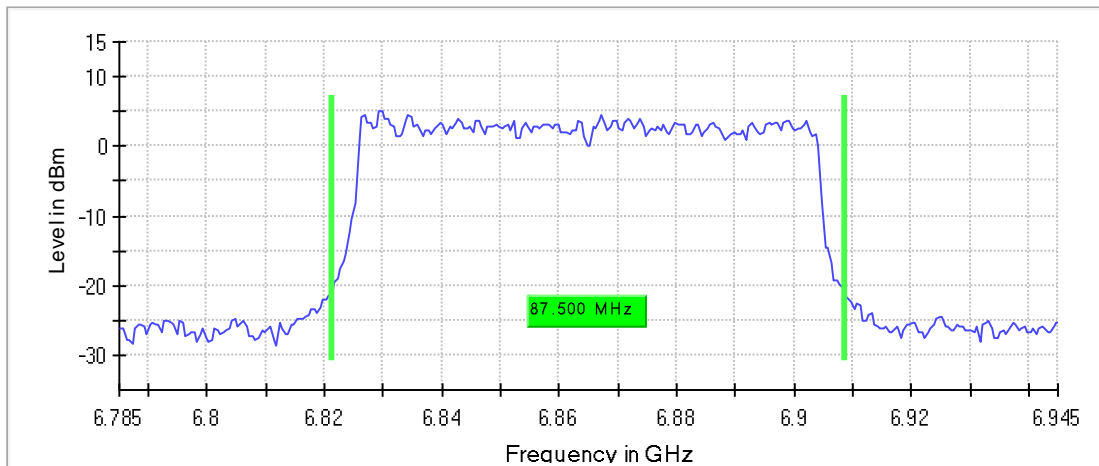
Emission Bandwidth 26 dB (6865 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

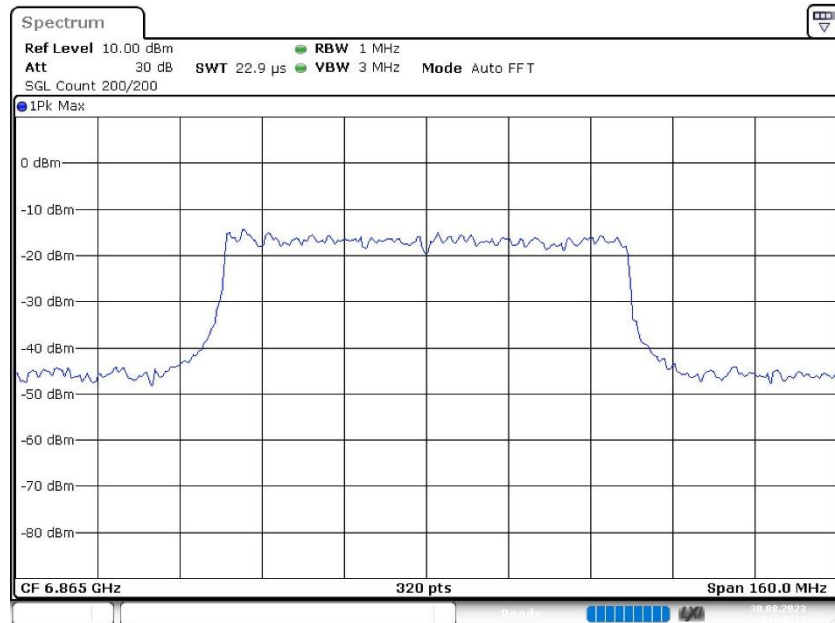
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	87.500000	53.750000	33.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6865.000000	6821.250000	---	6908.750000	---	5.2	PASS

26 dB Bandwidth



Bandwidth



Date: 30.AUG.2023 01:49:14

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

Result

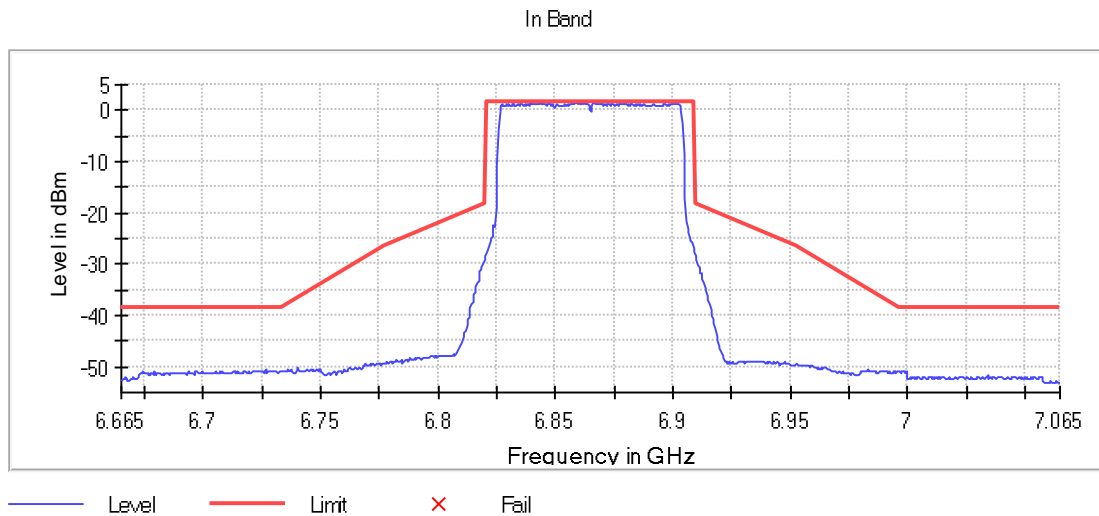
DUT Frequency (MHz)	Result
6865.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6860.250000	1.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6861.750000	1.6	0.1	1.6	PASS
6839.250000	1.5	0.1	1.6	PASS
6862.750000	1.5	0.1	1.6	PASS
6858.750000	1.5	0.1	1.6	PASS
6866.250000	1.5	0.2	1.6	PASS
6843.750000	1.4	0.2	1.6	PASS
6861.250000	1.4	0.2	1.6	PASS
6882.750000	1.4	0.2	1.6	PASS
6859.750000	1.4	0.2	1.6	PASS
6863.750000	1.4	0.2	1.6	PASS
6840.250000	1.4	0.2	1.6	PASS
6902.750000	1.4	0.3	1.6	PASS
6881.250000	1.3	0.3	1.6	PASS
6872.750000	1.3	0.3	1.6	PASS
6869.750000	1.3	0.3	1.6	PASS



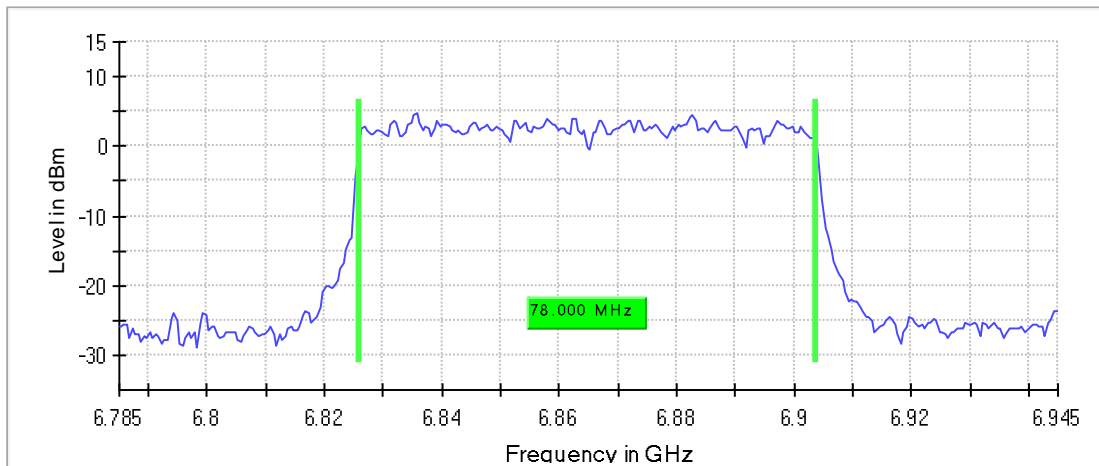
Occupied Channel Bandwidth 99% (6865 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

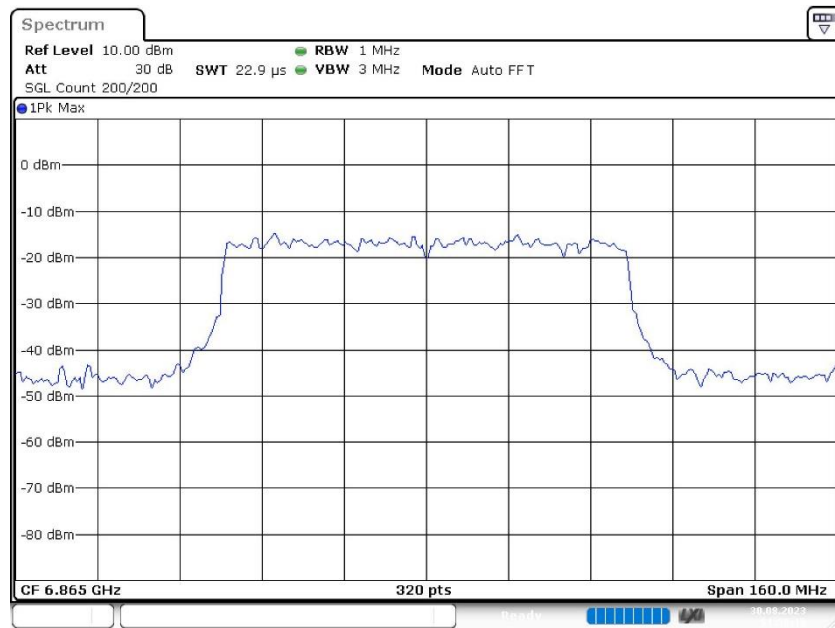
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	78.000000	49.250000	28.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6865.000000	6825.750000	5925.000000	6903.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



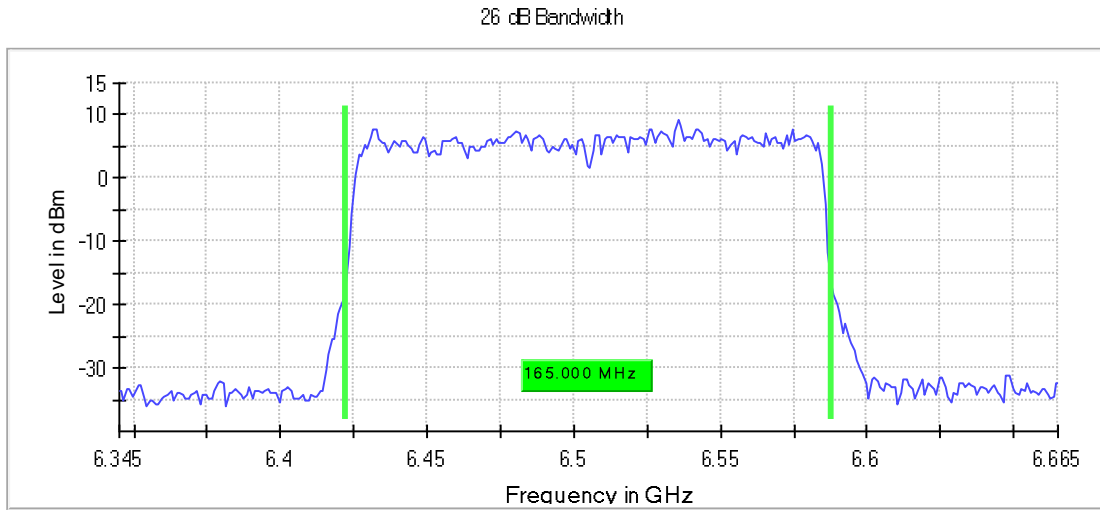
Date: 30.AUG.2023 01:50:17

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

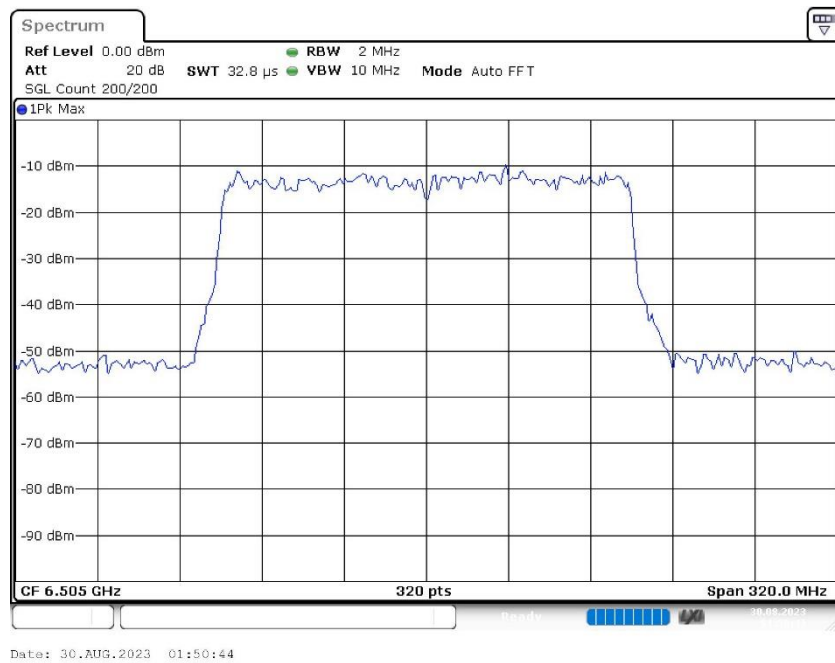
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	165.000000	102.500000	62.500000	---	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	6422.500000	---	6587.500000	---	9.3	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

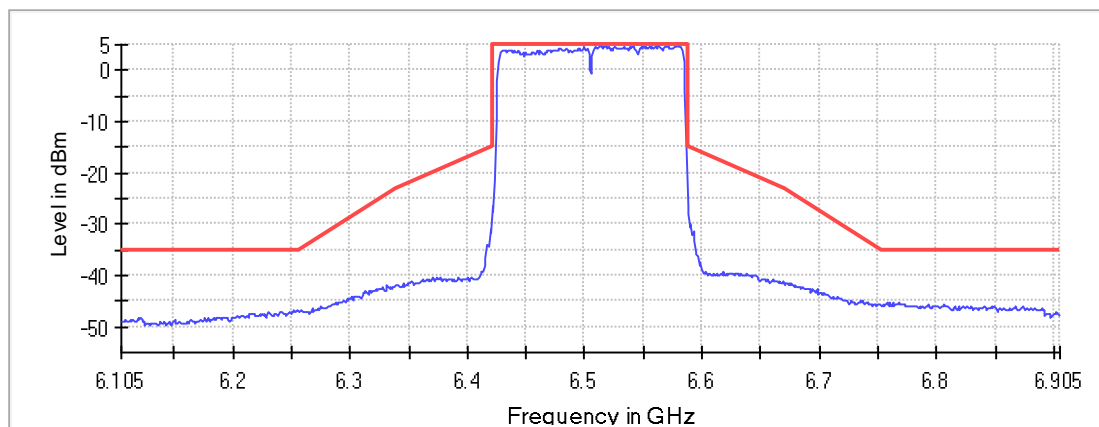
Inband Peak

Frequency (MHz)	Level (dBm)
6562.500000	4.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6513.500000	4.8	0.1	4.9	PASS
6579.500000	4.8	0.1	4.9	PASS
6557.500000	4.8	0.1	4.9	PASS
6580.500000	4.8	0.2	4.9	PASS
6554.500000	4.8	0.2	4.9	PASS
6520.500000	4.7	0.2	4.9	PASS
6555.500000	4.7	0.2	4.9	PASS
6559.500000	4.7	0.2	4.9	PASS
6540.500000	4.7	0.2	4.9	PASS
6512.500000	4.7	0.3	4.9	PASS
6582.500000	4.7	0.3	4.9	PASS
6581.500000	4.7	0.3	4.9	PASS
6570.500000	4.7	0.3	4.9	PASS
6550.500000	4.7	0.3	4.9	PASS
6538.500000	4.7	0.3	4.9	PASS

In Band

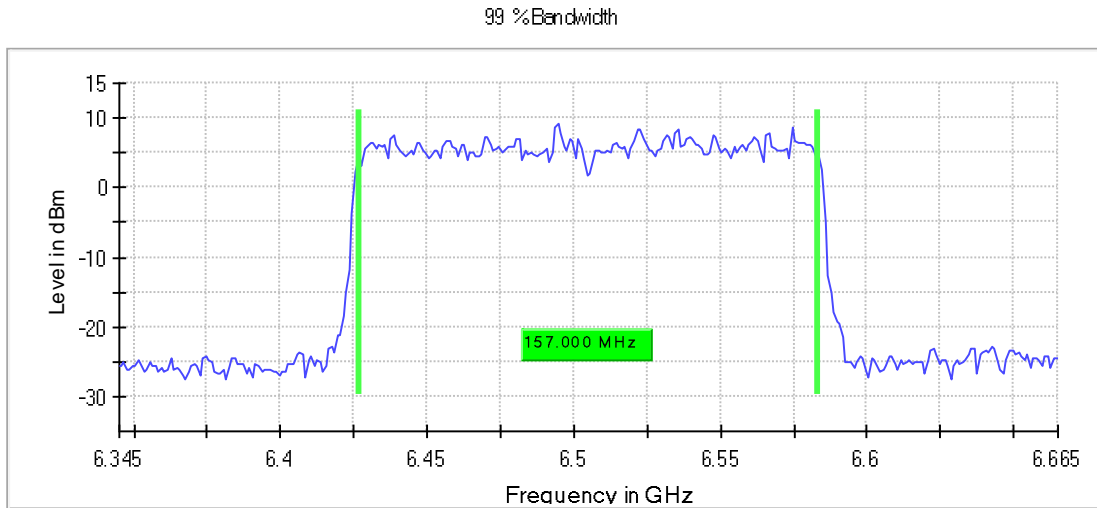


Occupied Channel Bandwidth 99% (6505 MHz; 24.000 dBm; 160 MHz)

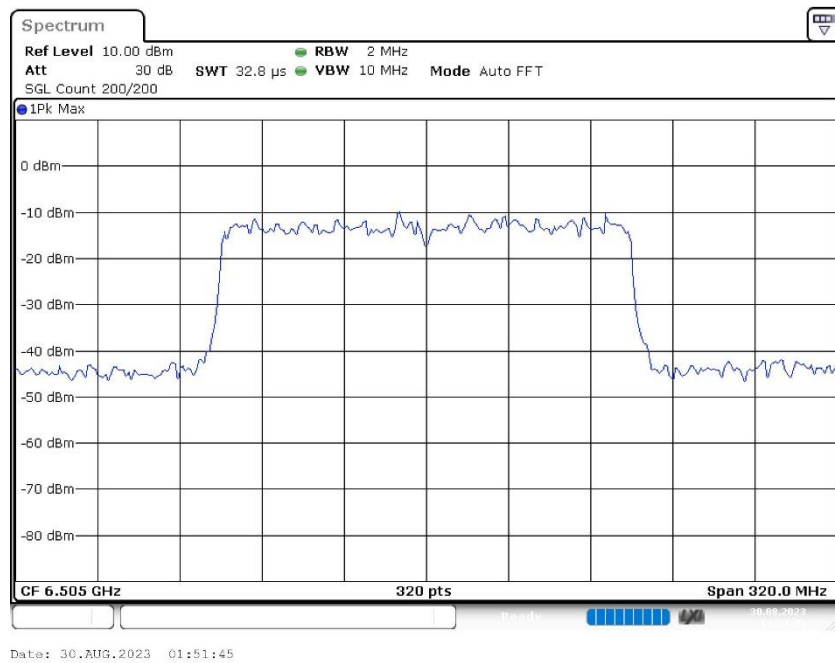
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	157.000000	98.500000	58.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6505.000000	6426.500000	5925.000000	6583.500000	7125.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

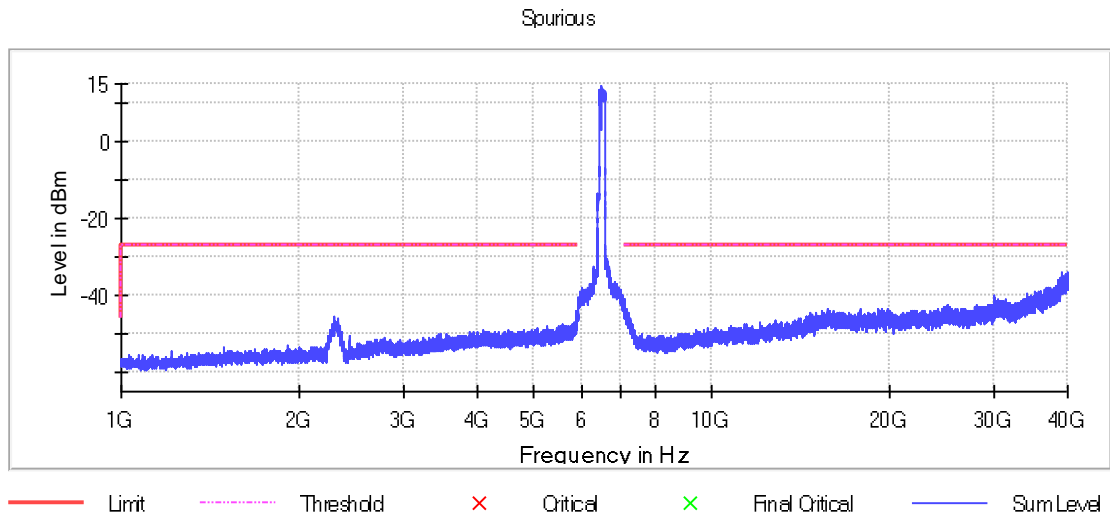
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39167.250000	-34.2	7.2	-27.0
39934.250000	-34.2	7.2	-27.0
39690.750000	-34.4	7.4	-27.0
39602.250000	-34.5	7.5	-27.0
39167.750000	-34.6	7.6	-27.0
39898.750000	-34.6	7.6	-27.0
39954.750000	-34.7	7.7	-27.0
39909.750000	-34.7	7.7	-27.0
39957.250000	-34.8	7.8	-27.0
39794.750000	-34.8	7.8	-27.0
39802.750000	-34.8	7.8	-27.0
39298.750000	-34.9	7.9	-27.0
39728.250000	-34.9	7.9	-27.0
39960.250000	-34.9	7.9	-27.0
39188.750000	-34.9	7.9	-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) (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
---	---	---	---	---	---

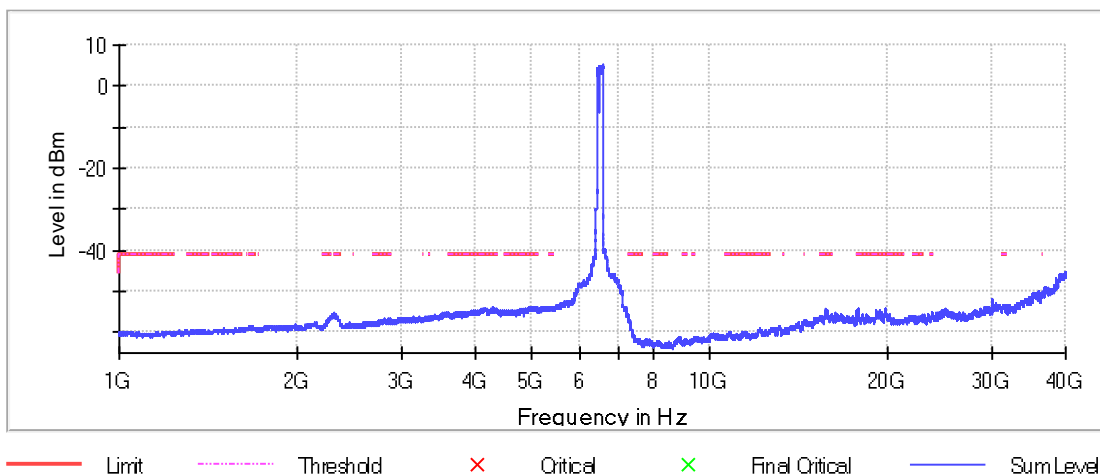
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36494.203306	-50.6	9.4	-41.2
36494.890785	-50.6	9.4	-41.2
36499.015656	-50.6	9.4	-41.2
36471.516515	-50.6	9.4	-41.2
36488.016000	-50.7	9.5	-41.2
36485.953564	-50.7	9.5	-41.2
36462.579294	-50.7	9.5	-41.2
36491.453392	-50.7	9.5	-41.2
36472.891472	-50.7	9.5	-41.2
36478.391300	-50.8	9.6	-41.2
36461.204337	-50.8	9.6	-41.2
36496.953220	-50.8	9.6	-41.2
36489.390957	-50.8	9.6	-41.2
36492.828349	-50.8	9.6	-41.2
36476.328865	-50.8	9.6	-41.2

Measurement Settings

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

Restricted Band



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

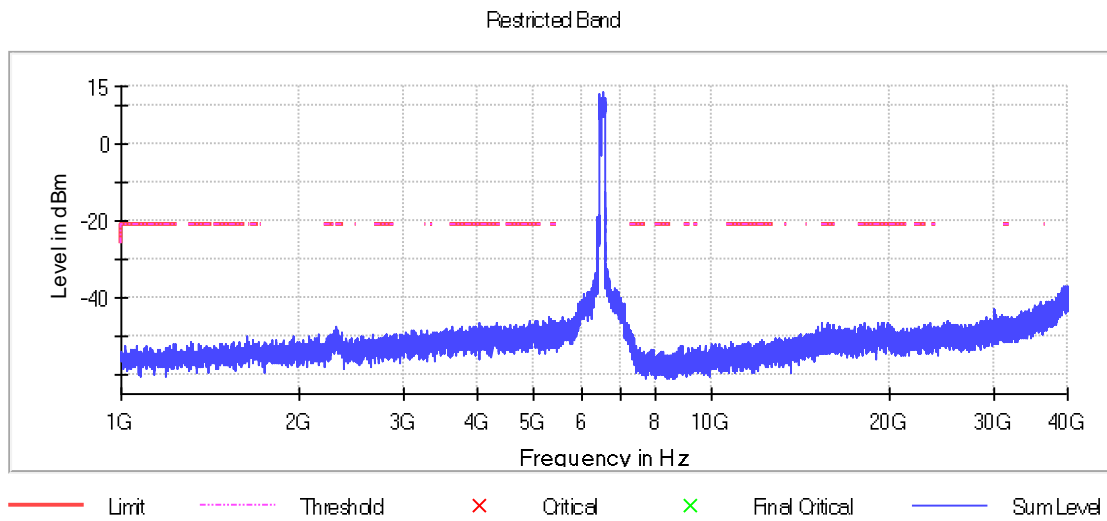
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36439.892503	-42.4	21.2	-21.2
36461.891816	-42.9	21.7	-21.2
36470.141558	-43.0	21.8	-21.2
36459.829380	-43.0	21.8	-21.2
36434.392675	-43.1	21.9	-21.2
36430.955283	-43.5	22.3	-21.2
36493.515828	-43.6	22.4	-21.2
36445.392331	-43.6	22.4	-21.2
36466.016687	-43.8	22.6	-21.2
36441.954939	-43.8	22.6	-21.2
36457.079466	-43.9	22.7	-21.2

36491.453392	-43.9	22.7	-21.2
36439.205025	-43.9	22.7	-21.2
36484.578607	-43.9	22.7	-21.2
36442.642417	-44.0	22.8	-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



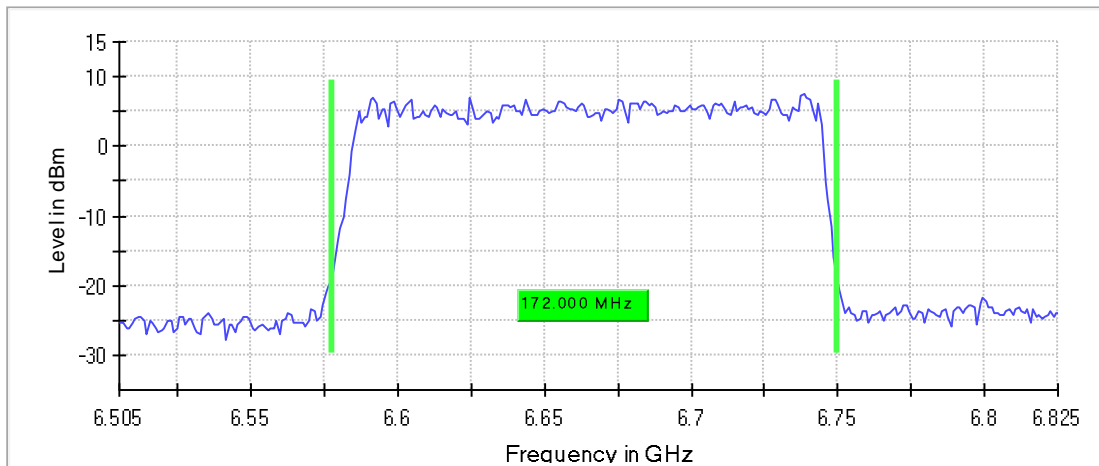
Emission Bandwidth 26 dB (6665 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

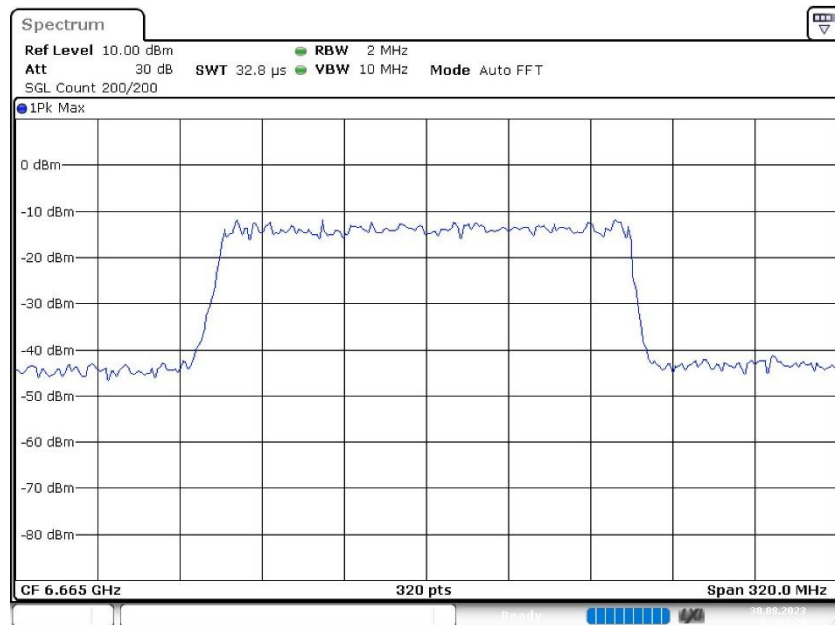
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6665.000000	172.000000	---	320.000000	6577.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6665.000000	6749.500000	---	7.4	PASS

26 dB Bandwidth



Bandwidth



Date: 30.AUG.2023 02:01:27

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

Result

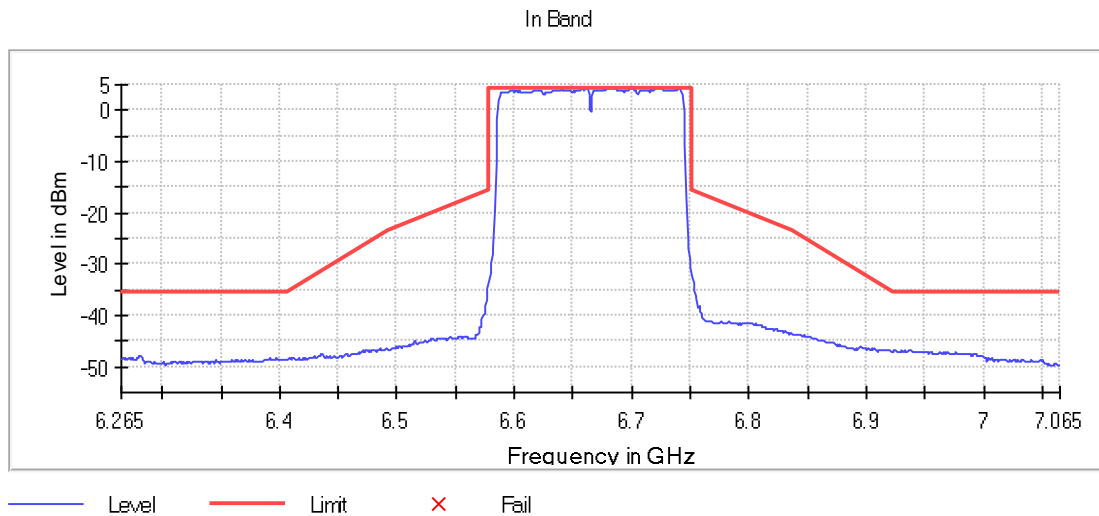
DUT Frequency (MHz)	Result
6665.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6701.500000	4.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6716.500000	4.3	0.1	4.3	PASS
6720.500000	4.3	0.1	4.3	PASS
6725.500000	4.3	0.1	4.3	PASS
6661.500000	4.2	0.1	4.3	PASS
6678.500000	4.2	0.1	4.3	PASS
6699.500000	4.2	0.1	4.3	PASS
6679.500000	4.2	0.1	4.3	PASS
6681.500000	4.2	0.1	4.3	PASS
6660.500000	4.2	0.1	4.3	PASS
6686.500000	4.2	0.1	4.3	PASS
6724.500000	4.2	0.1	4.3	PASS
6682.500000	4.2	0.1	4.3	PASS
6722.500000	4.2	0.2	4.3	PASS
6740.500000	4.2	0.2	4.3	PASS
6723.500000	4.2	0.2	4.3	PASS

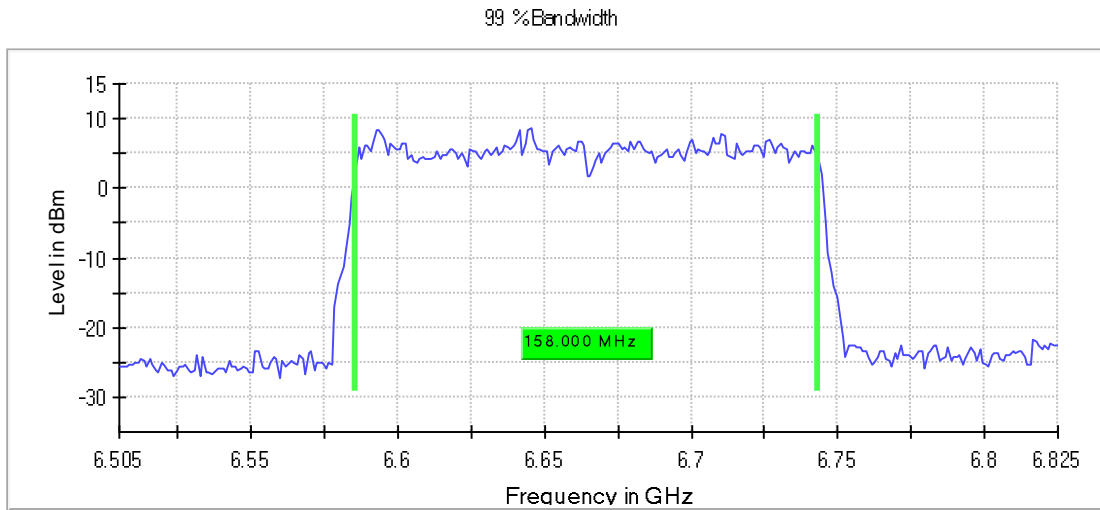


Occupied Channel Bandwidth 99% (6665 MHz; 24.000 dBm; 160 MHz)

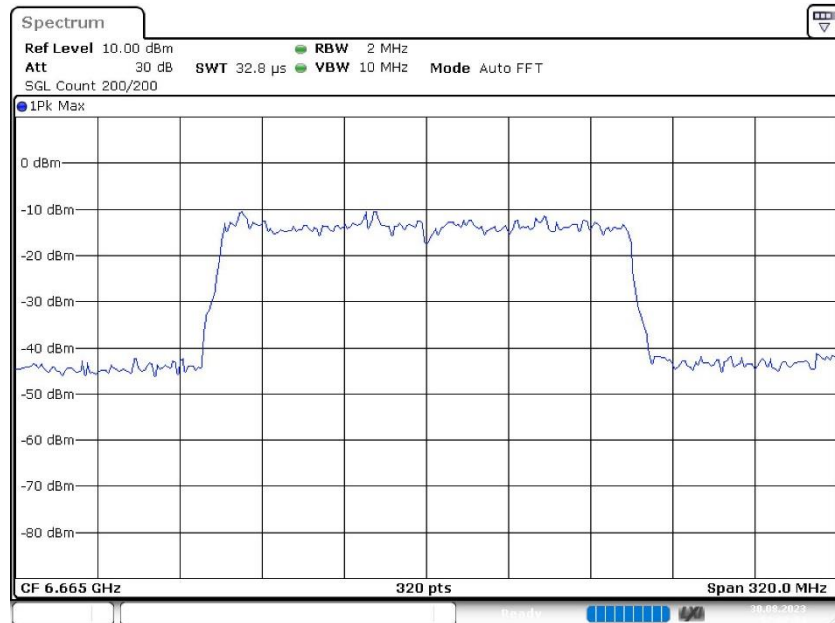
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6665.000000	158.000000	---	320.000000	6585.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6665.000000	6743.500000	7125.000000	PASS



Bandwidth



Date: 30.AUG.2023 02:02:34

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

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

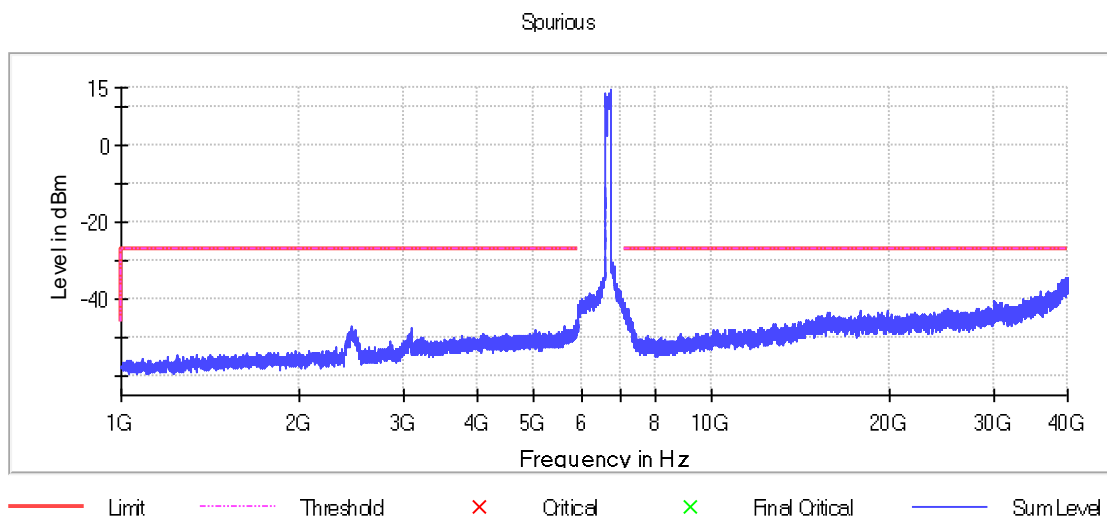
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39982.750000	-34.3	7.3	-27.0
39984.750000	-34.4	7.4	-27.0
39953.250000	-34.5	7.5	-27.0
39918.250000	-34.6	7.6	-27.0
39803.750000	-34.6	7.6	-27.0
39935.250000	-34.8	7.8	-27.0
39264.750000	-34.8	7.8	-27.0
39124.250000	-34.8	7.8	-27.0
39923.750000	-34.8	7.8	-27.0
39982.250000	-34.9	7.9	-27.0
39923.250000	-35.0	8.0	-27.0
39956.250000	-35.0	8.0	-27.0
39177.250000	-35.0	8.0	-27.0
39984.250000	-35.0	8.0	-27.0
39983.750000	-35.0	8.0	-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



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

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

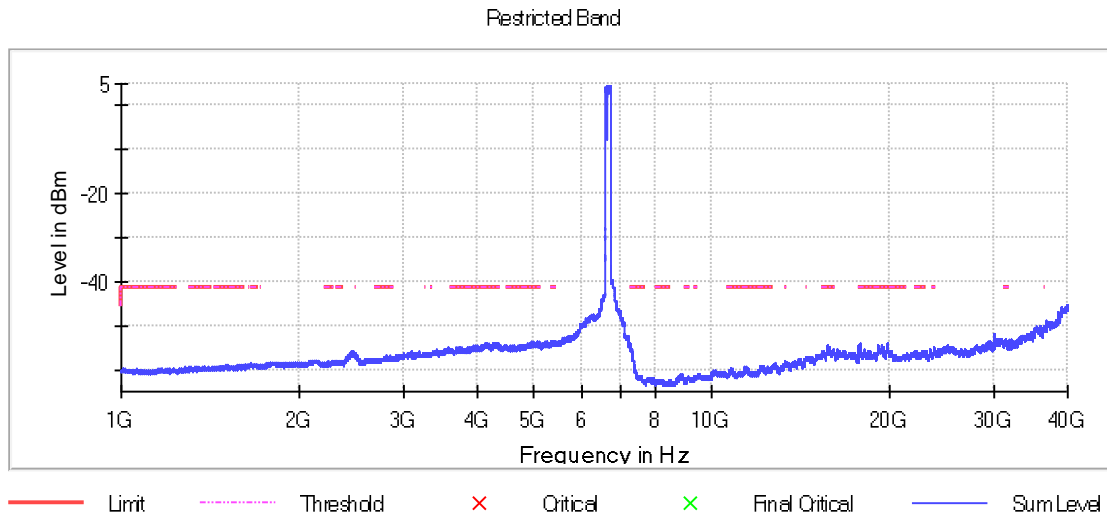
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36495.578263	-50.6	9.4	-41.2
36482.516171	-50.7	9.5	-41.2
36439.892503	-50.7	9.5	-41.2
36486.641042	-50.7	9.5	-41.2
36475.641386	-50.7	9.5	-41.2
36499.015656	-50.8	9.6	-41.2
36471.516515	-50.8	9.6	-41.2
36493.515828	-50.8	9.6	-41.2
36496.953220	-50.8	9.6	-41.2
36498.328177	-50.8	9.6	-41.2
36499.703134	-50.8	9.6	-41.2
36497.640699	-50.8	9.6	-41.2
36477.016343	-50.8	9.6	-41.2
36459.829380	-50.8	9.6	-41.2
36488.703478	-50.8	9.6	-41.2

Measurement Settings

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



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

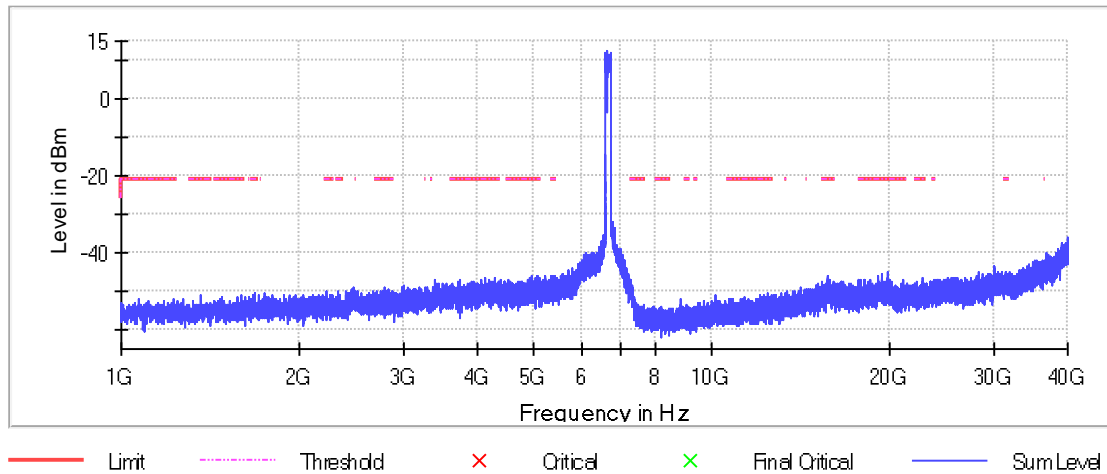
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36481.141214	-42.5	21.3	-21.2
36461.204337	-43.3	22.1	-21.2
36451.579638	-43.3	22.1	-21.2
36450.204681	-43.3	22.1	-21.2
36437.830068	-43.5	22.3	-21.2
36478.391300	-43.7	22.5	-21.2
36493.515828	-43.7	22.5	-21.2
36477.016343	-43.8	22.6	-21.2
36434.392675	-43.9	22.7	-21.2
36483.891128	-43.9	22.7	-21.2
36499.015656	-44.0	22.8	-21.2
36466.016687	-44.1	22.9	-21.2
36481.828693	-44.1	22.9	-21.2
36479.766257	-44.1	22.9	-21.2
36485.953564	-44.2	23.0	-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



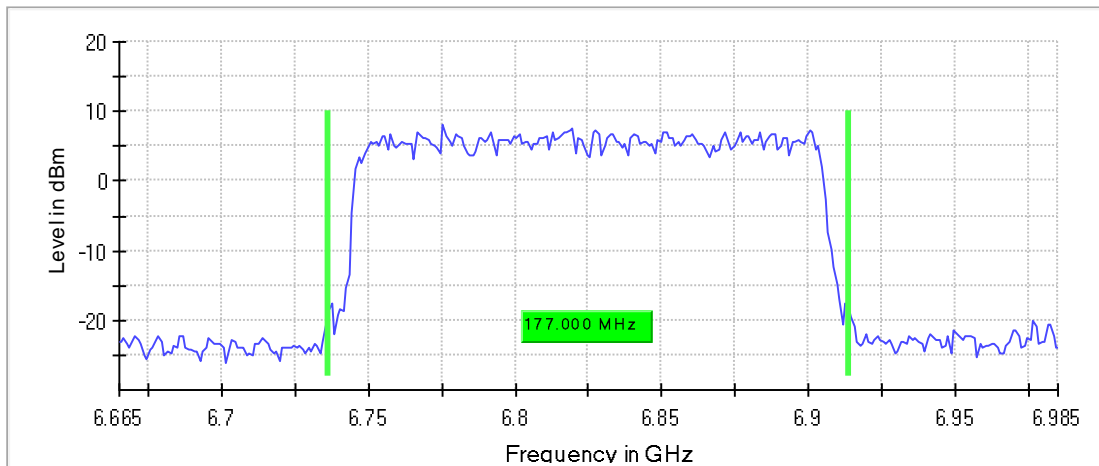
Emission Bandwidth 26 dB (6825 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

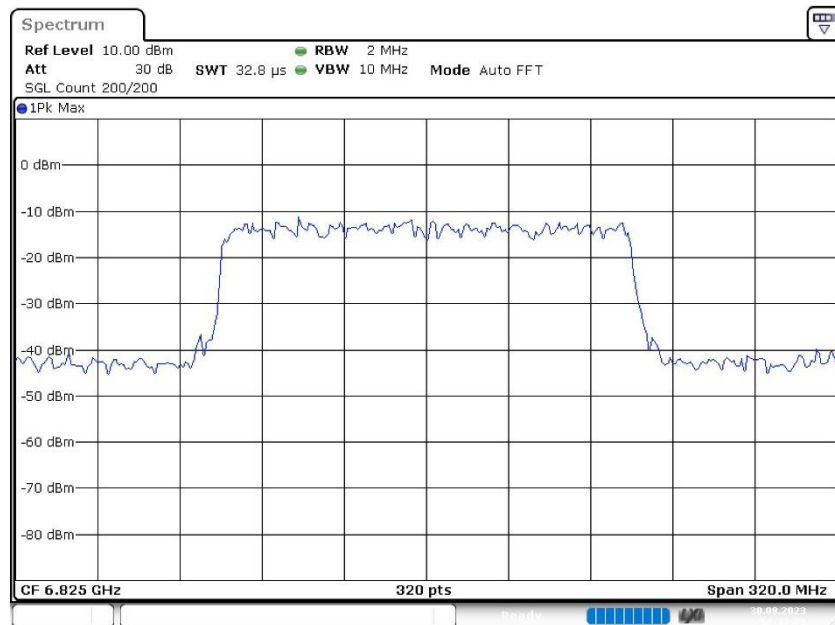
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	177.000000	138.500000	38.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6825.000000	6736.500000	---	6913.500000	---	8.1	PASS

26 dB Bandwidth



Bandwidth



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

Result

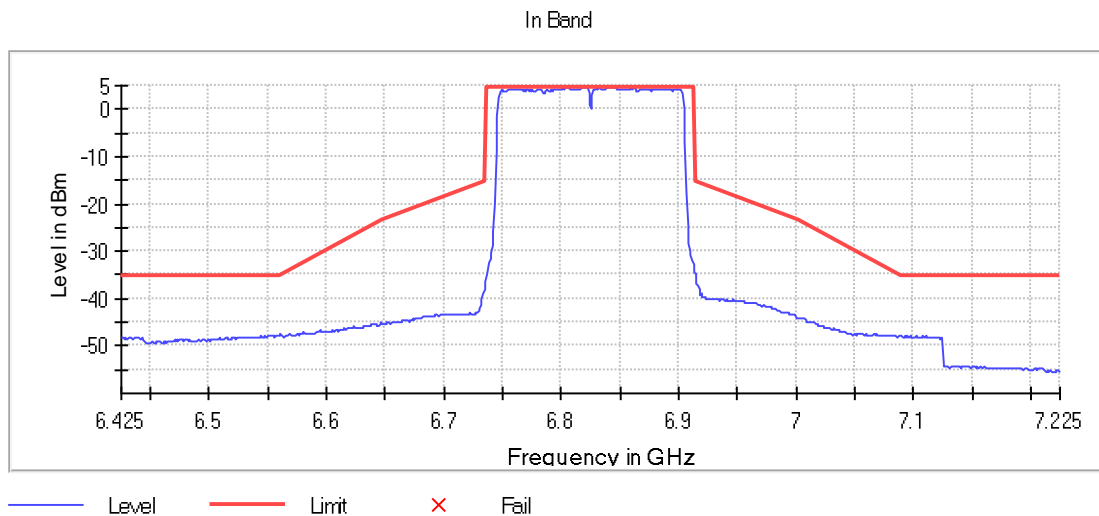
DUT Frequency (MHz)	Result
6825.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6820.500000	4.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6820.500000	4.7	0.0	4.7	PASS
6841.500000	4.7	0.0	4.7	PASS
6844.500000	4.6	0.0	4.7	PASS
6803.500000	4.6	0.1	4.7	PASS
6843.500000	4.5	0.1	4.7	PASS
6804.500000	4.5	0.1	4.7	PASS
6840.500000	4.5	0.2	4.7	PASS
6801.500000	4.5	0.2	4.7	PASS
6842.500000	4.5	0.2	4.7	PASS
6818.500000	4.5	0.2	4.7	PASS
6822.500000	4.5	0.2	4.7	PASS
6859.500000	4.5	0.2	4.7	PASS
6846.500000	4.5	0.2	4.7	PASS
6861.500000	4.5	0.2	4.7	PASS
6830.500000	4.4	0.2	4.7	PASS



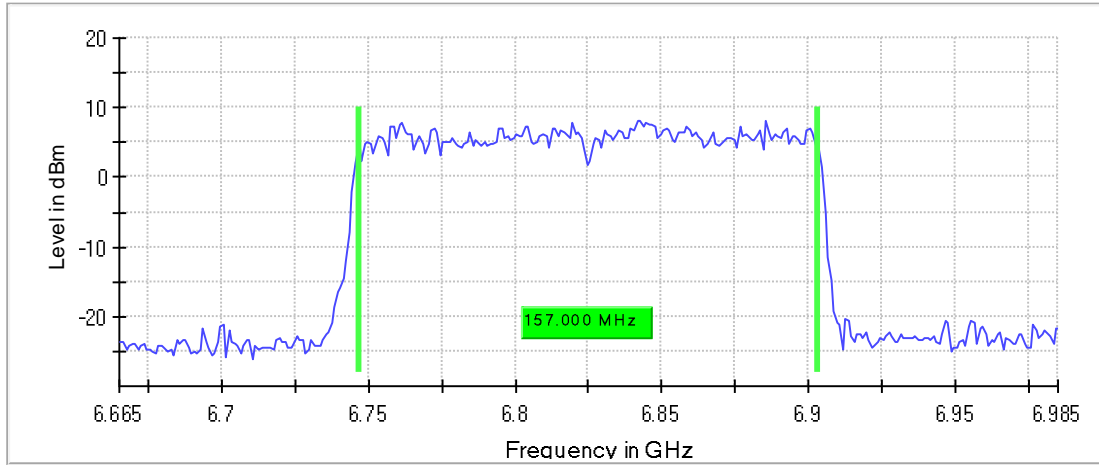
Occupied Channel Bandwidth 99% (6825 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

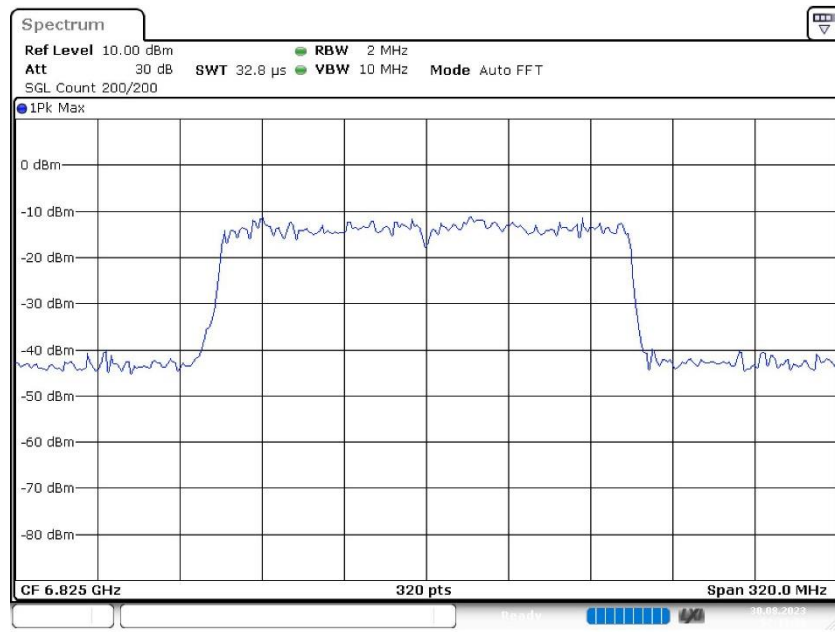
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	157.000000	128.500000	28.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6825.000000	6746.500000	5925.000000	6903.500000	7125.000000	PASS

99 %Bandwidth



Bandwidth



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

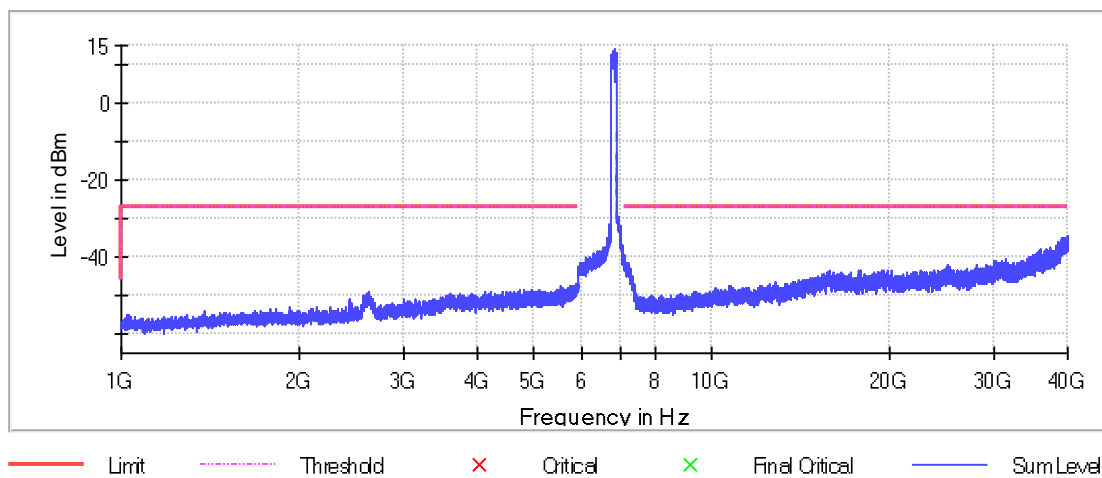
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39922.750000	-34.5	7.5	-27.0
39987.250000	-34.6	7.6	-27.0
39158.250000	-34.8	7.8	-27.0
39894.250000	-34.8	7.8	-27.0
39207.250000	-34.9	7.9	-27.0
39953.250000	-34.9	7.9	-27.0
39986.750000	-34.9	7.9	-27.0
39822.250000	-35.0	8.0	-27.0
39980.250000	-35.0	8.0	-27.0
38997.750000	-35.0	8.0	-27.0
39833.250000	-35.0	8.0	-27.0
39618.250000	-35.0	8.0	-27.0
39315.250000	-35.1	8.1	-27.0
39961.750000	-35.1	8.1	-27.0
39934.750000	-35.2	8.2	-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) (6825 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

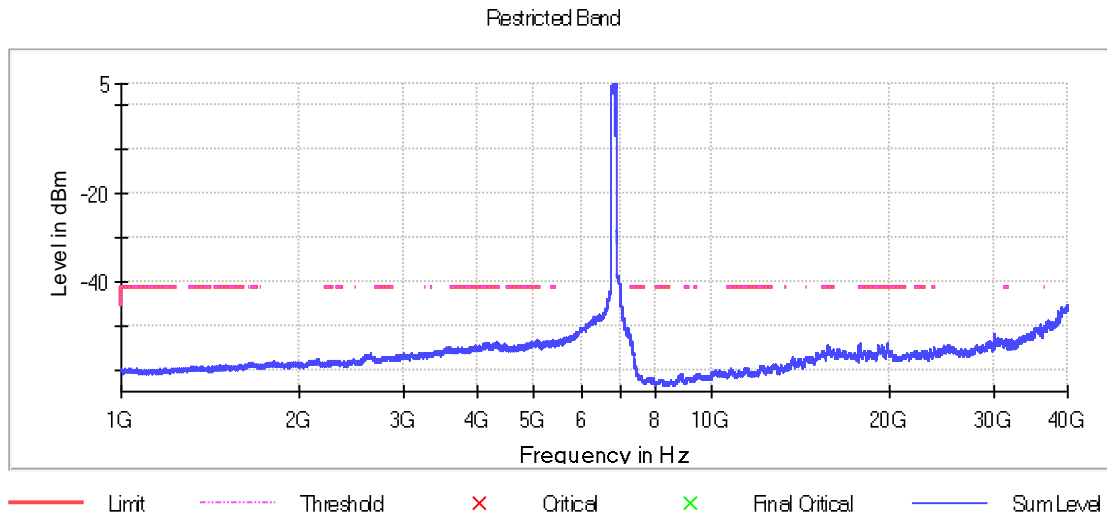
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36496.953220	-50.6	9.4	-41.2
36495.578263	-50.6	9.4	-41.2
36485.266085	-50.6	9.4	-41.2
36475.641386	-50.7	9.5	-41.2
36485.953564	-50.7	9.5	-41.2
36491.453392	-50.7	9.5	-41.2
36496.265742	-50.7	9.5	-41.2
36498.328177	-50.8	9.6	-41.2
36474.266429	-50.8	9.6	-41.2
36490.765914	-50.8	9.6	-41.2
36480.453736	-50.8	9.6	-41.2
36486.641042	-50.8	9.6	-41.2
36488.016000	-50.8	9.6	-41.2
36471.516515	-50.8	9.6	-41.2
36499.703134	-50.8	9.6	-41.2

Measurement Settings

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



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

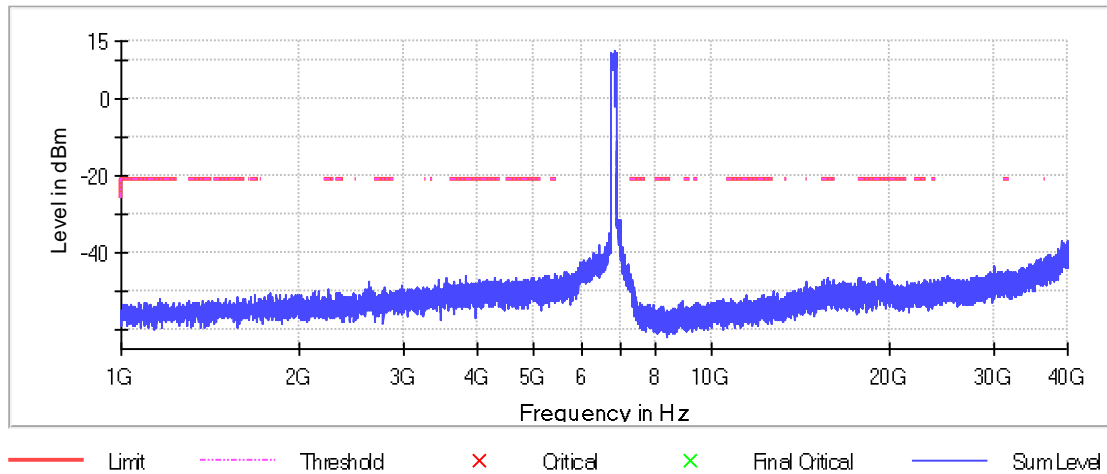
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36466.704165	-43.0	21.8	-21.2
36485.953564	-43.1	21.9	-21.2
36452.954595	-43.1	21.9	-21.2
36438.517546	-43.2	22.0	-21.2
36494.203306	-43.2	22.0	-21.2
36490.765914	-43.2	22.0	-21.2
36483.203650	-43.5	22.3	-21.2
36496.265742	-43.5	22.3	-21.2
36496.953220	-43.6	22.4	-21.2
36433.017718	-43.6	22.4	-21.2
36467.391644	-43.8	22.6	-21.2
36453.642074	-43.9	22.7	-21.2
36479.078779	-43.9	22.7	-21.2
36444.704853	-44.0	22.8	-21.2
36441.954939	-44.0	22.8	-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

Restricted Band



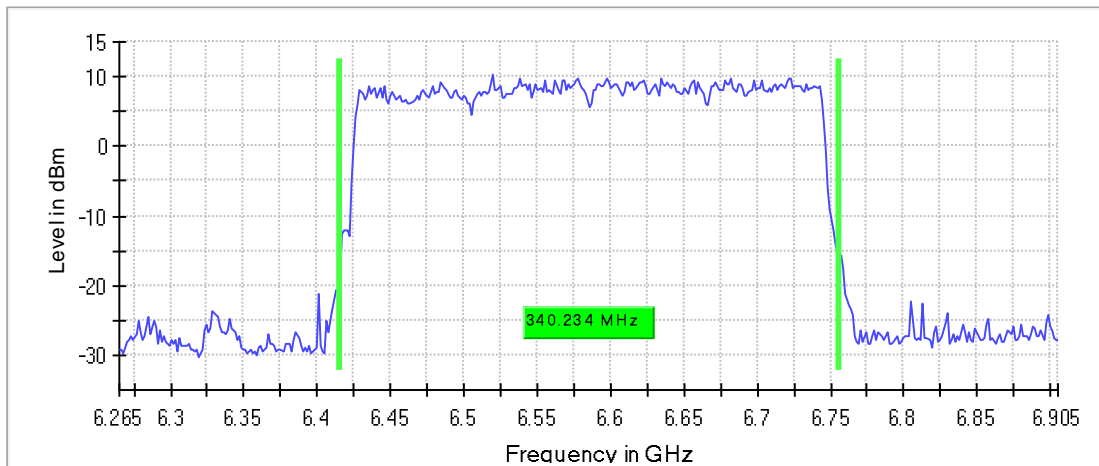
Emission Bandwidth 26 dB (6585 MHz; 24.000 dBm; 320 MHz)

26 dB Bandwidth

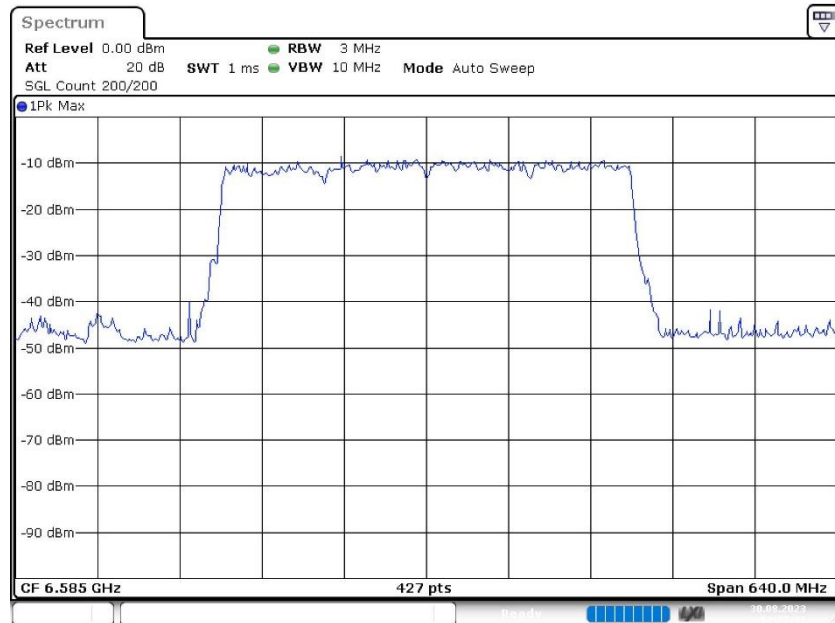
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	340.234192	109.367681	230.866511	---	---

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	6415.632319	---	6755.866511	---	10.4	PASS

26 dB Bandwidth



Bandwidth



Date: 30.AUG.2023 02:27:12

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

Result

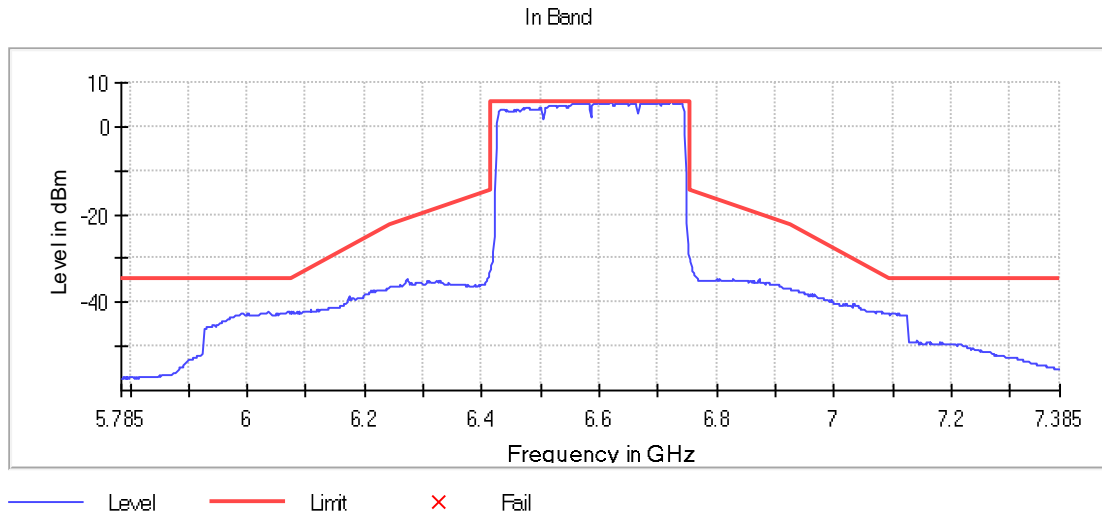
DUT Frequency (MHz)	Result
6585.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6724.456420	5.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6724.456420	5.6	0.0	5.6	PASS
6598.495783	5.6	0.0	5.6	PASS
6721.457357	5.5	0.0	5.6	PASS
6700.463918	5.4	0.1	5.6	PASS
6617.989691	5.4	0.1	5.6	PASS
6722.956888	5.4	0.1	5.6	PASS
6619.489222	5.4	0.1	5.6	PASS
6718.458294	5.4	0.1	5.6	PASS
6739.451734	5.4	0.1	5.6	PASS
6620.988754	5.4	0.1	5.6	PASS
6661.476101	5.4	0.2	5.6	PASS
6680.970009	5.4	0.2	5.6	PASS
6599.995314	5.4	0.2	5.6	PASS
6727.455483	5.4	0.2	5.6	PASS
6683.969072	5.4	0.2	5.6	PASS



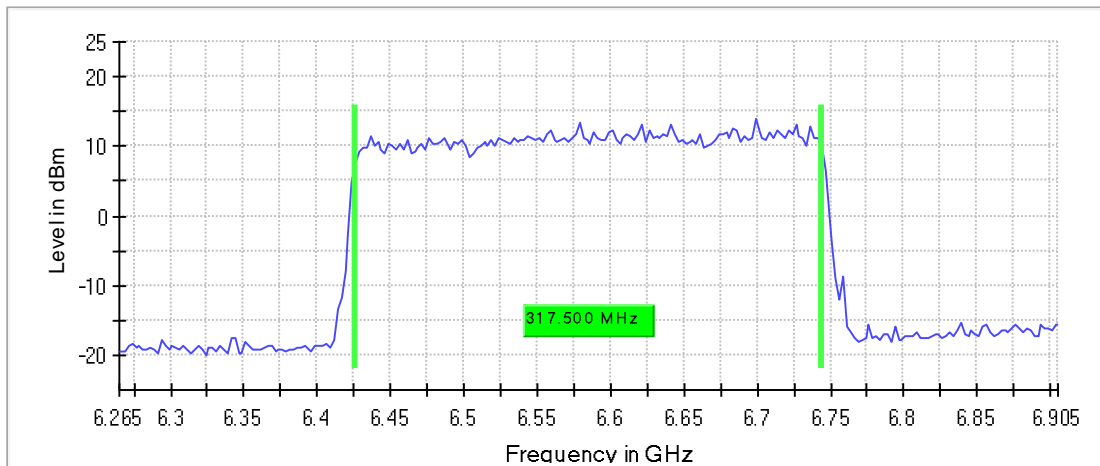
Occupied Channel Bandwidth 99% (6585 MHz; 24.000 dBm; 320 MHz)

99 % Bandwidth

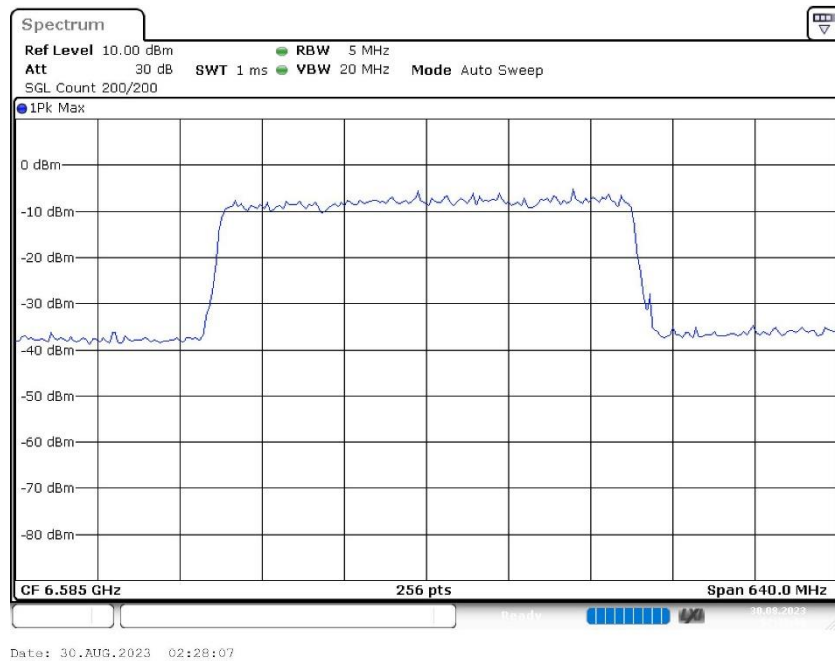
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	317.500000	98.750000	218.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6585.000000	6426.250000	5925.000000	6743.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



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) (6535 MHz; 24.000 dBm; 20 MHz)

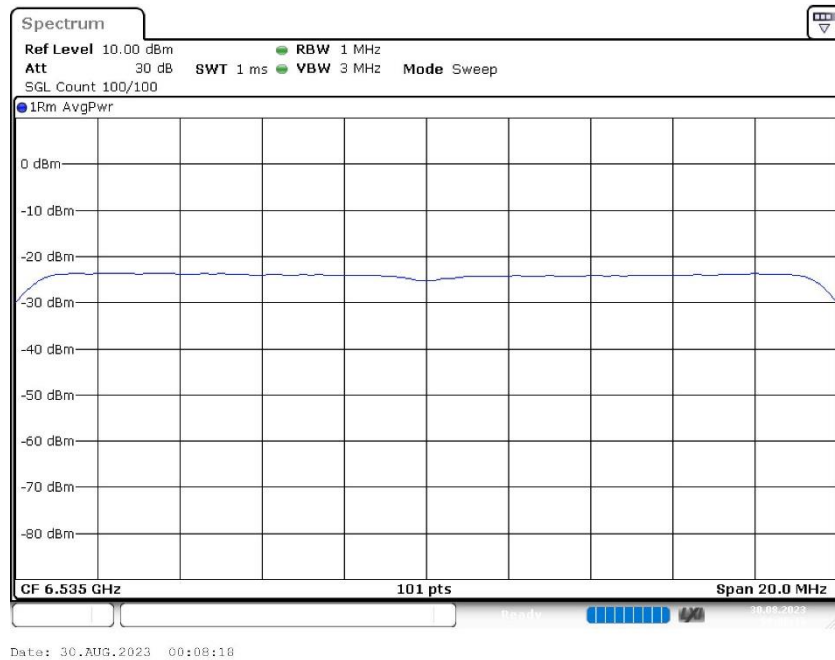
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6535.000000	6542.524752	-1.310	-0.8	PASS

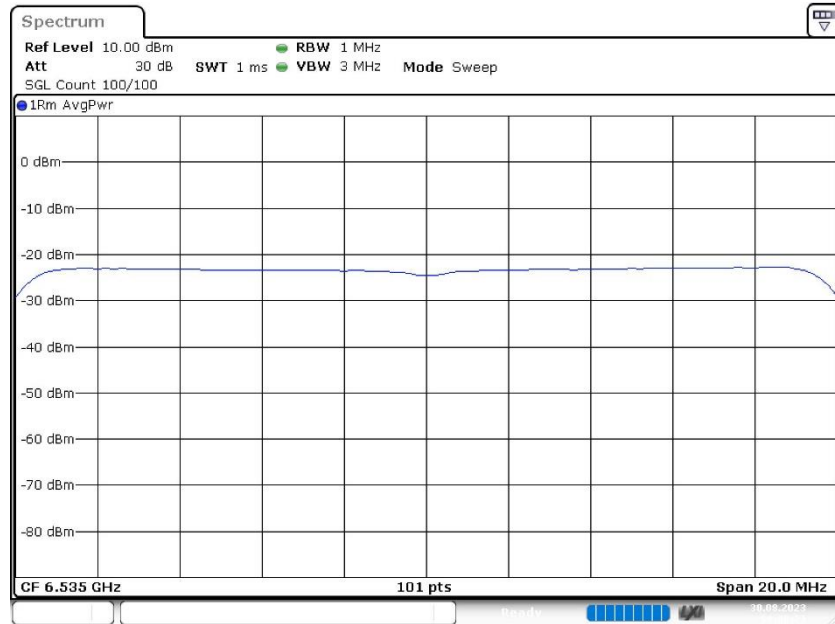
Ports

Port	State
1	used
2	used

PSD Connector 1



PSD Connector 2



Date: 30.AUG.2023 00:08:23

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
Sweptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off

-- End of Report --