

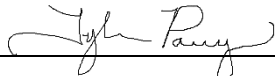


427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-UKU
ISED ID	6545A-UKU
Equipment Under Test	UK-Ultra
Test Report Serial Number	TR8513_01
Date of Test(s)	10 August and 15 September 2023
Report Issue Date	17 October 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-3 Band

1.1 Internal Antenna

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5745.000	24.0	20.000000	PASS
RF output power	5745.000	24.0	20.000000	PASS
Power Spectral Density	5745.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5745.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5745.000	24.0	20.000000	PASS
Tx Spurious Emission	5745.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5775.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	24.0	20.000000	PASS
Tx Spurious Emission	5775.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5825.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5825.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5825.000	24.0	20.000000	PASS
Tx Spurious Emission	5825.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5755.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5755.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5755.000	24.0	40.000000	PASS
Tx Spurious Emission	5755.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5775.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	24.0	40.000000	PASS
Tx Spurious Emission	5775.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5795.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5795.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5795.000	24.0	40.000000	PASS
Tx Spurious Emission	5795.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5775.000	24.0	80.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	24.0	80.000000	PASS
Tx Spurious Emission	5775.000	24.0	80.000000	PASS

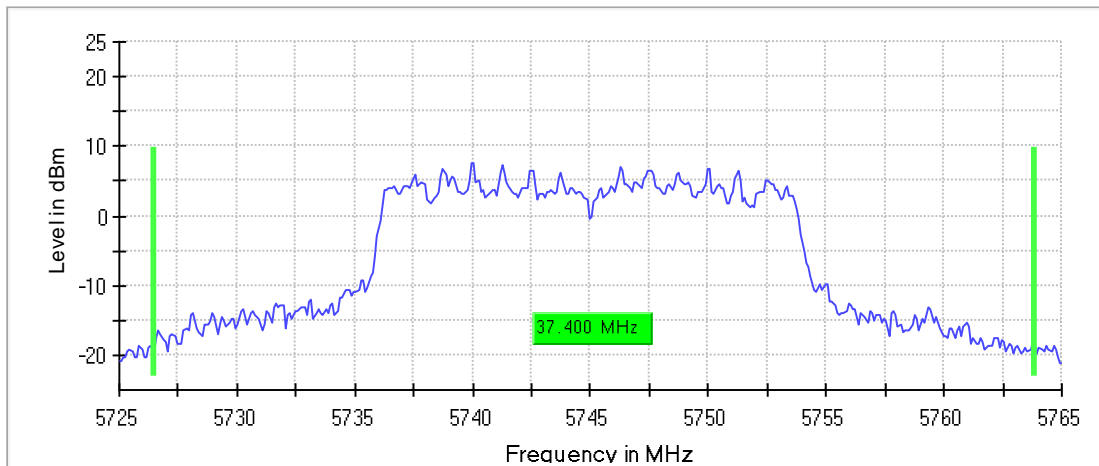
Emission Bandwidth 26 dB (5745 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

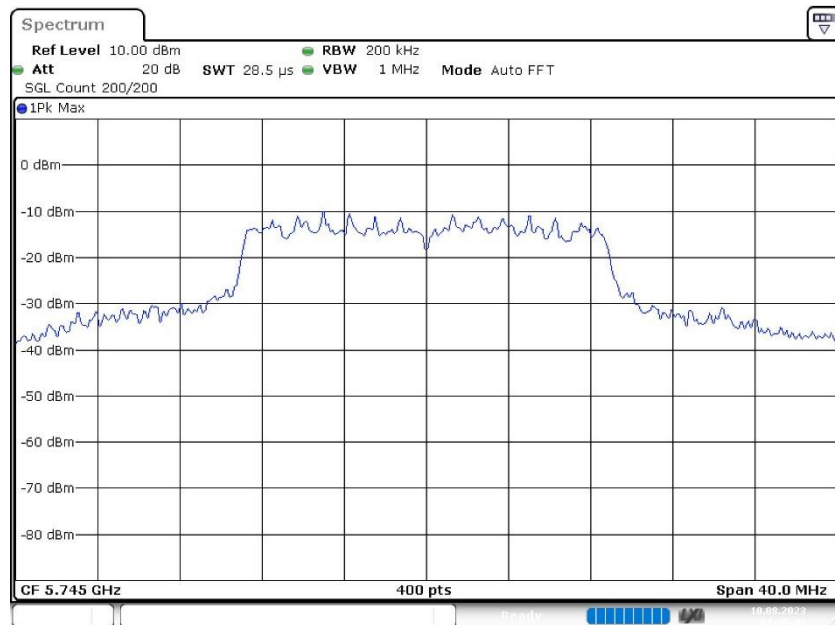
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	37.400000	---	---	5726.450000	5763.850000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	7.7	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.76500 GHz	5.76500 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	AUTO
Attenuation	20.000 dB	20.000 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 (5745 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5745.000000	21.4	30.0	21.4	89.658	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

Power Spectral Density (5745 MHz; 24.000 dBm; 20 MHz)

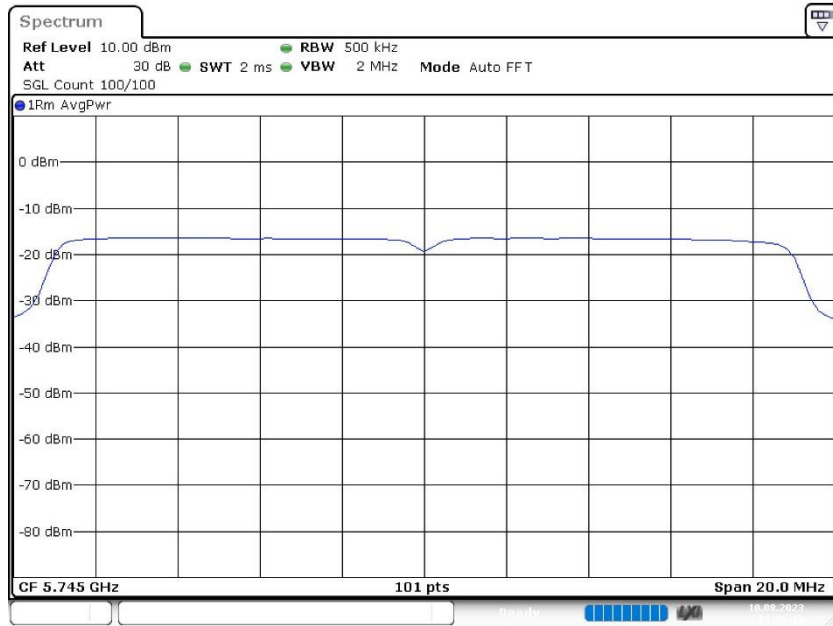
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5745.000000	5738.663366	5.131	30.0	PASS

Ports

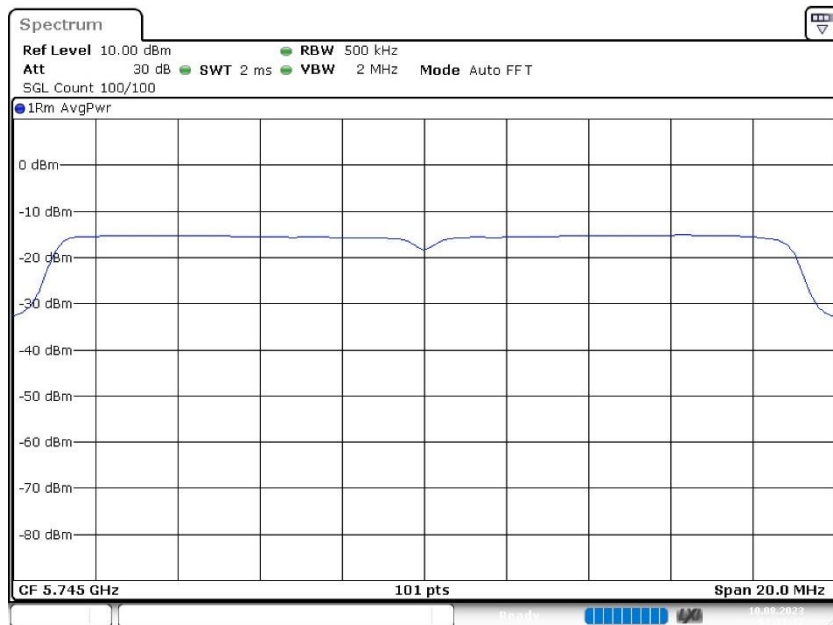
Port	State
1	used
2	used

PSD Connector 1



Date: 10.AUG.2023 01:51:10

PSD Connector 2



Date: 10.AUG.2023 01:51:17

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.73500 GHz	5.73500 GHz
Stop Frequency	5.75500 GHz	5.75500 GHz
Span	20.000 MHz	20.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	101	~ 80
SweepTime	2.020 ms	2.020 ms
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	FFT	AUTO
Preamp	off	off

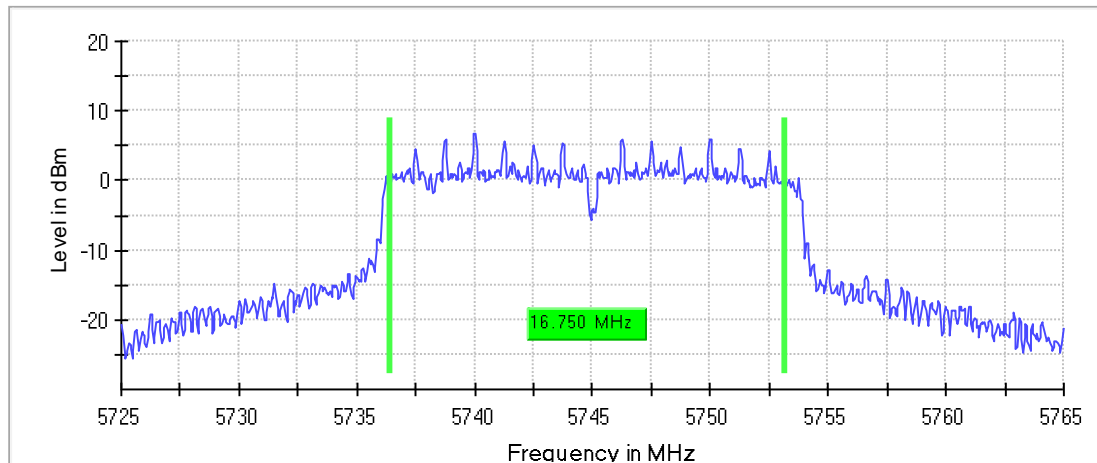
Minimum Emission Bandwidth 6 dB (5745 MHz; 24.000 dBm; 20 MHz)

6 dB Bandwidth

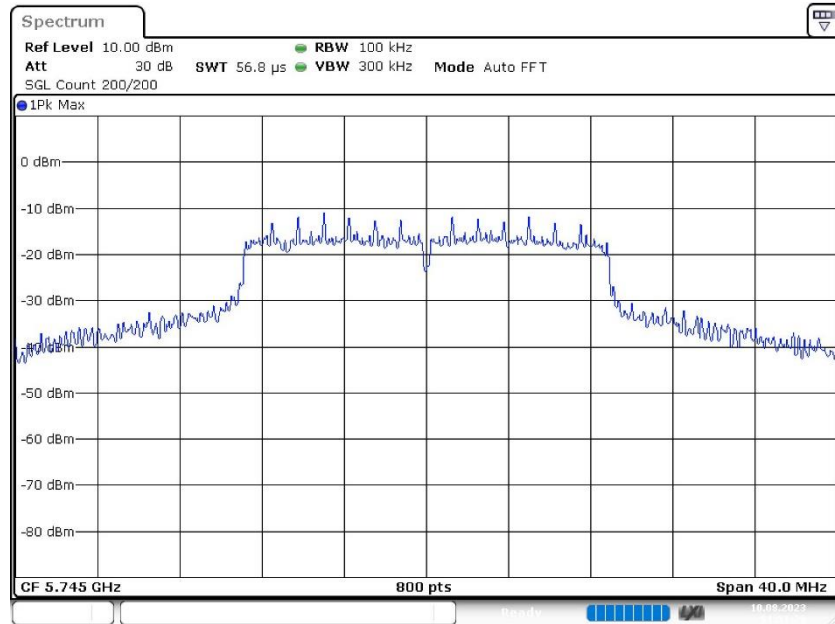
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	16.750000	0.500000	---	5736.425000	5753.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	6.8	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.76500 GHz	5.76500 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	56.836 μs	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

Occupied Channel Bandwidth 99% (5745 MHz; 24.000 dBm; 20 MHz)

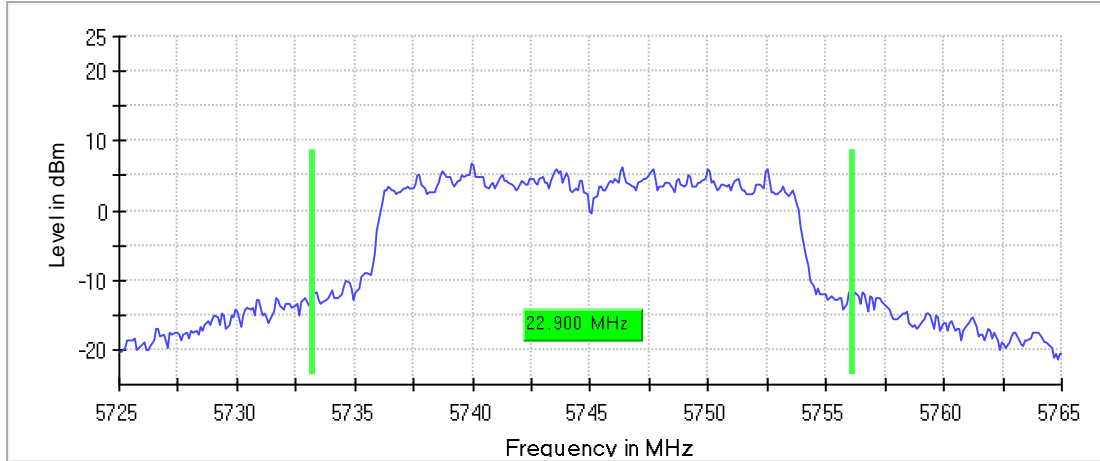
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	22.900000	---	---	5733.250000	5756.150000

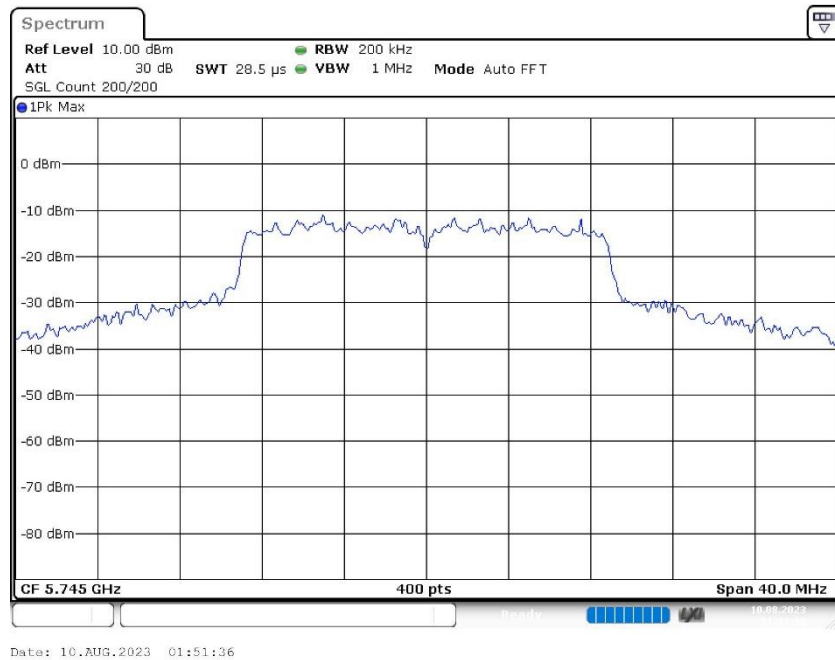
DUT Frequency (MHz)	Result
5745.000000	22.900000

5745.000000 | PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.76500 GHz	5.76500 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 µs	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

Tx Spurious Emission (5745 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5745.000000	PASS

Final measurements

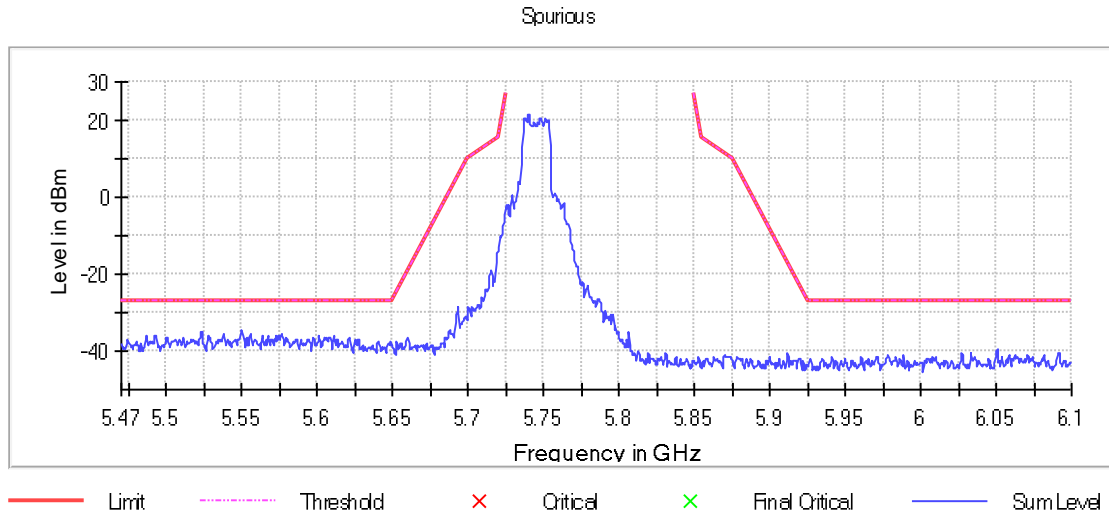
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5549.750000	-34.7	7.7	-27.0
5549.250000	-34.9	7.9	-27.0
5522.750000	-35.1	8.1	-27.0
5523.250000	-35.1	8.1	-27.0
5555.750000	-35.5	8.5	-27.0
5576.250000	-35.7	8.7	-27.0
5537.750000	-35.7	8.7	-27.0
5550.750000	-35.8	8.8	-27.0
5527.750000	-35.8	8.8	-27.0
5550.250000	-35.8	8.8	-27.0
5576.750000	-35.9	8.9	-27.0
5574.250000	-36.0	9.0	-27.0
5492.750000	-36.0	9.0	-27.0
5567.250000	-36.1	9.1	-27.0
5538.250000	-36.1	9.1	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	1260	~ 1260
Sweeptime	85.781 μ s	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

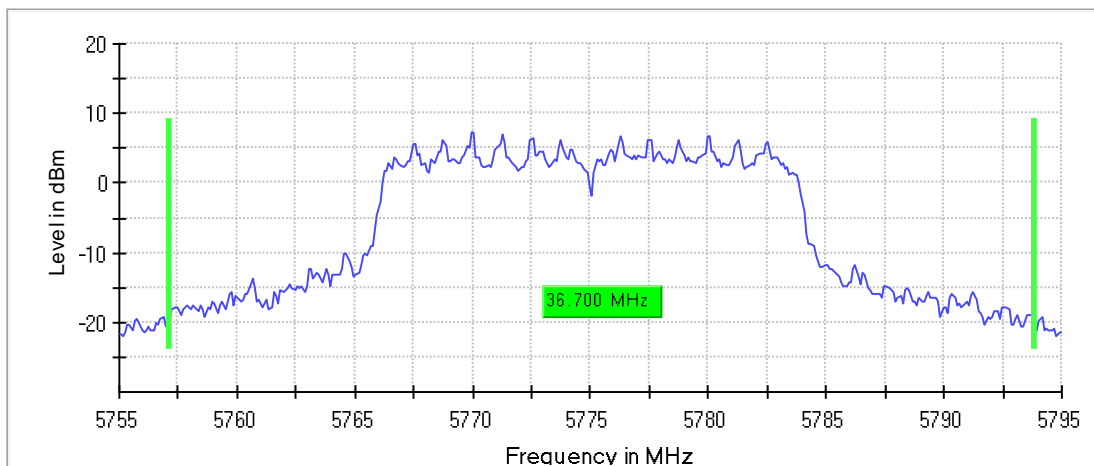
Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

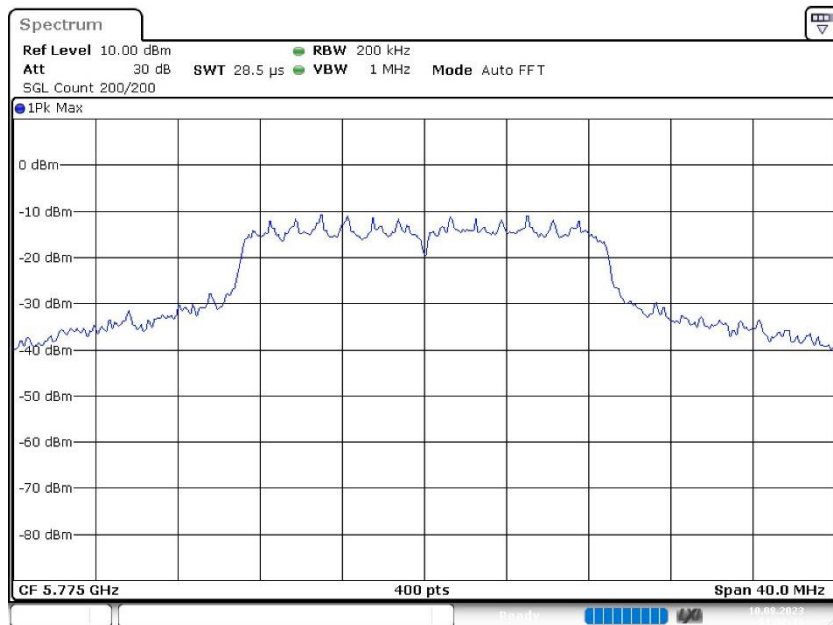
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	36.700000	---	---	5757.150000	5793.850000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	7.2	PASS

26 dB Bandwidth



Bandwidth



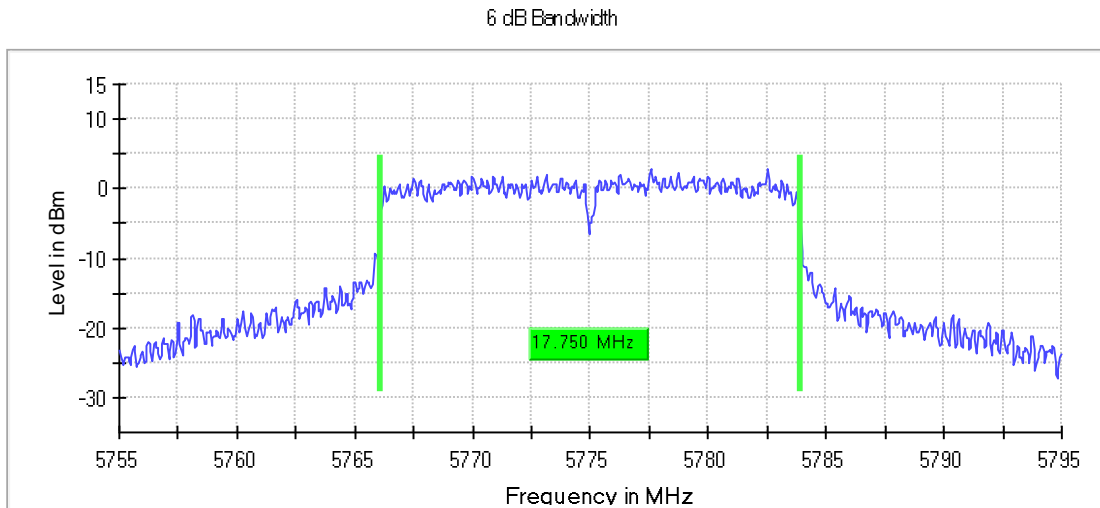
Date: 10.AUG.2023 01:52:19

Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 20 MHz)

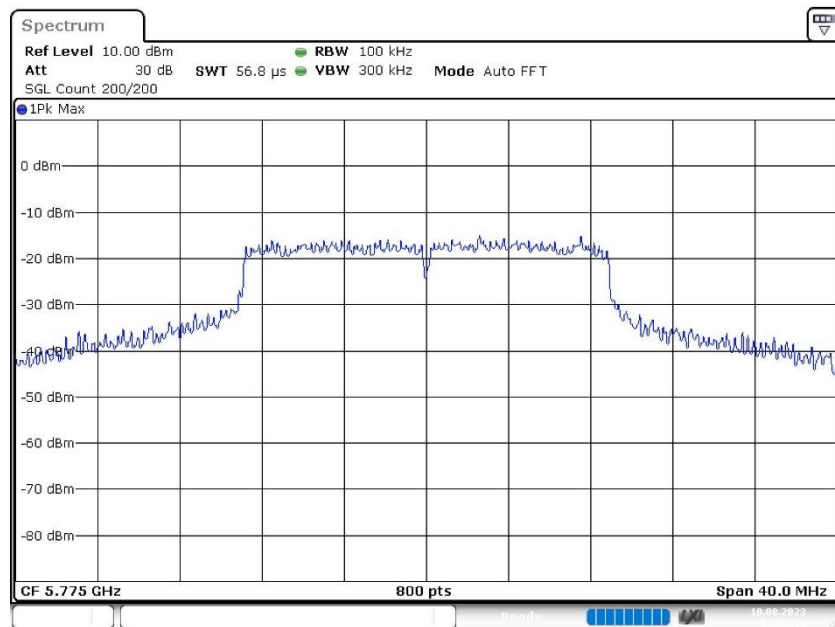
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	17.750000	0.500000	---	5766.125000	5783.875000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	2.8	PASS



Bandwidth

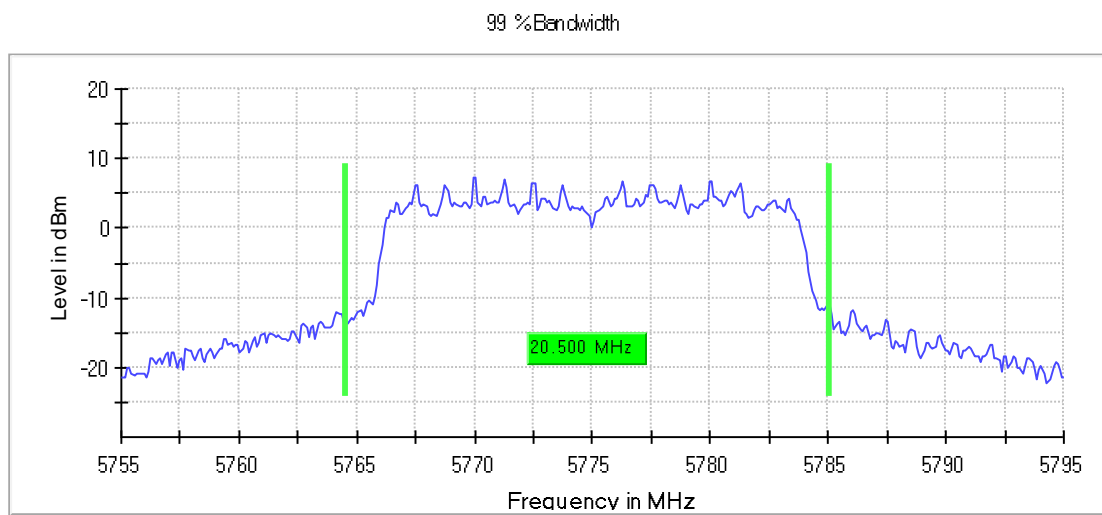


Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 20 MHz)

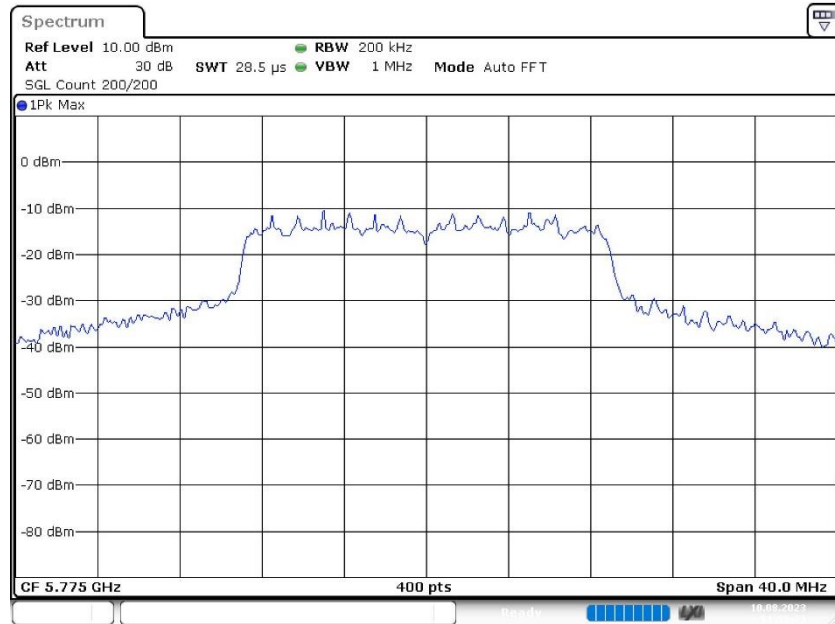
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	20.500000	---	---	5764.550000	5785.050000

DUT Frequency (MHz)	Result
5775.000000	PASS



Bandwidth



Date: 10.AUG.2023 01:53:24

Tx Spurious Emission (5775 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

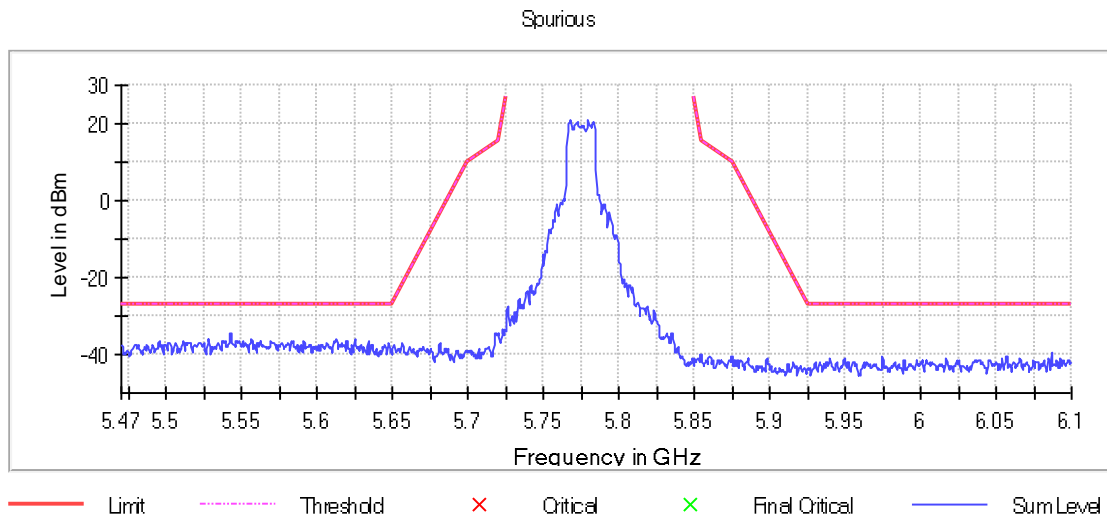
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5542.250000	-34.5	7.5	-27.0
5542.750000	-34.5	7.5	-27.0
5612.750000	-35.8	8.8	-27.0
5556.250000	-36.0	9.0	-27.0
5527.750000	-36.1	9.1	-27.0
5543.250000	-36.1	9.1	-27.0
5624.750000	-36.2	9.2	-27.0
5541.750000	-36.2	9.2	-27.0
5591.250000	-36.3	9.3	-27.0
5583.750000	-36.3	9.3	-27.0
5612.250000	-36.3	9.3	-27.0
5625.250000	-36.3	9.3	-27.0
5539.250000	-36.3	9.3	-27.0
5538.750000	-36.3	9.3	-27.0
5619.750000	-36.3	9.3	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



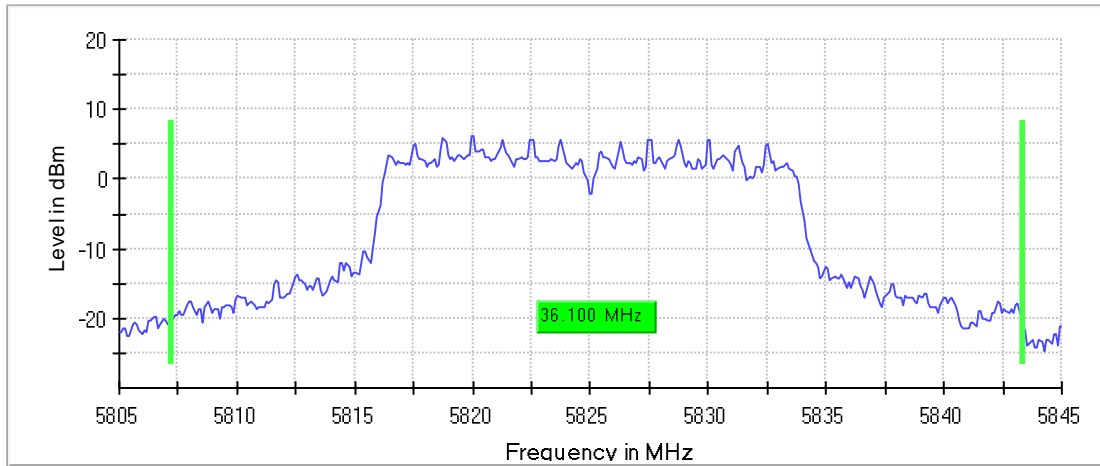
Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

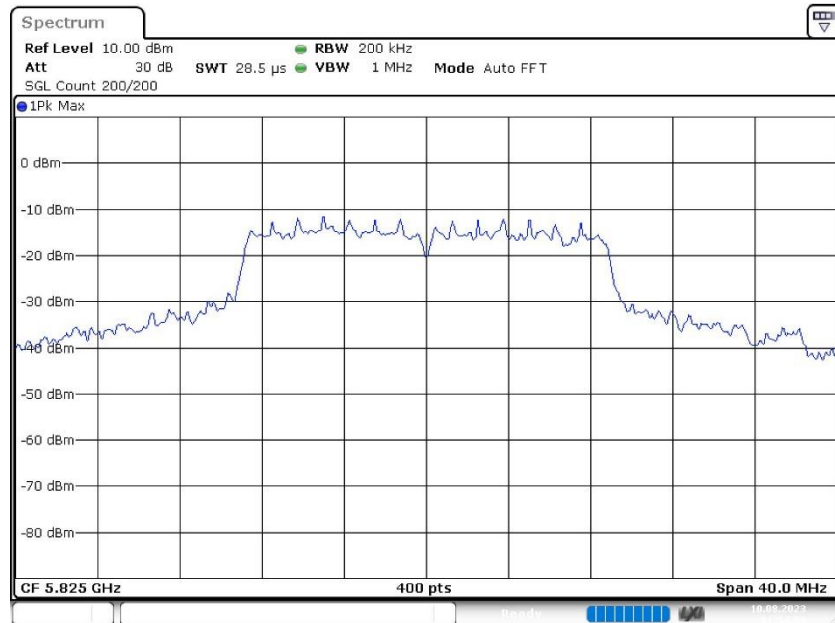
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	36.100000	---	---	5807.250000	5843.350000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	6.3	PASS

26 dB Bandwidth



Bandwidth



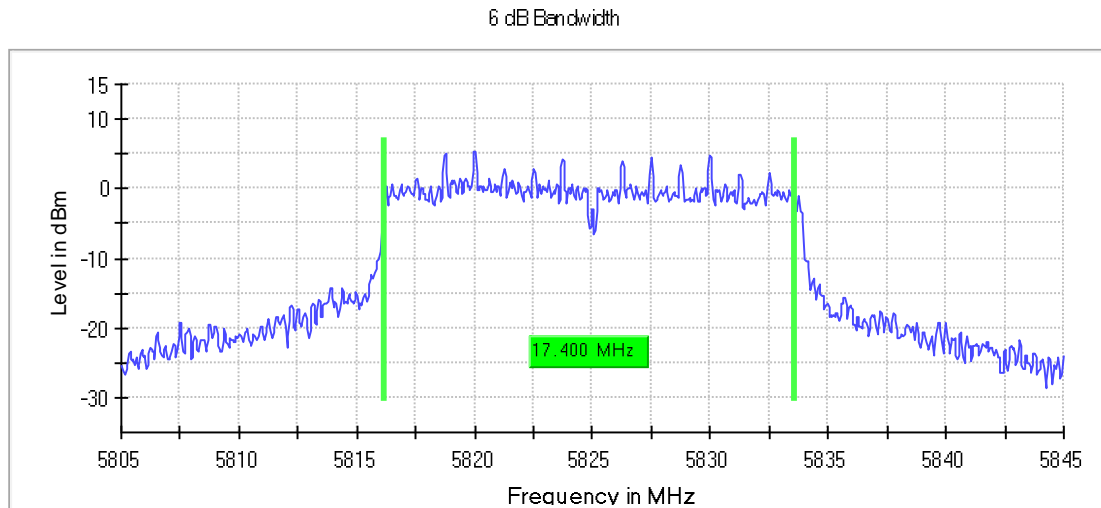
Date: 10.AUG.2023 01:54:30

Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 20 MHz)

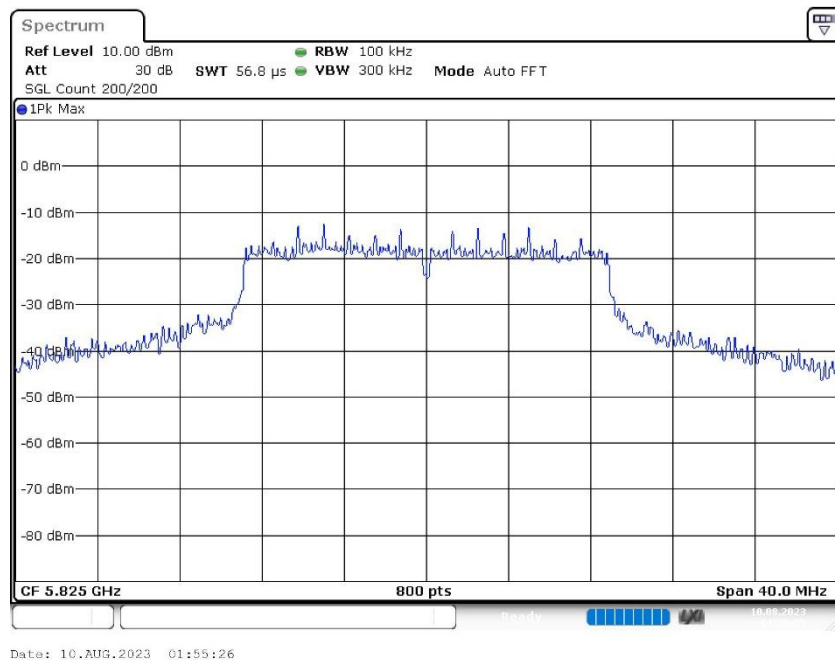
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	17.400000	0.500000	---	5816.175000	5833.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	5.3	PASS



Bandwidth



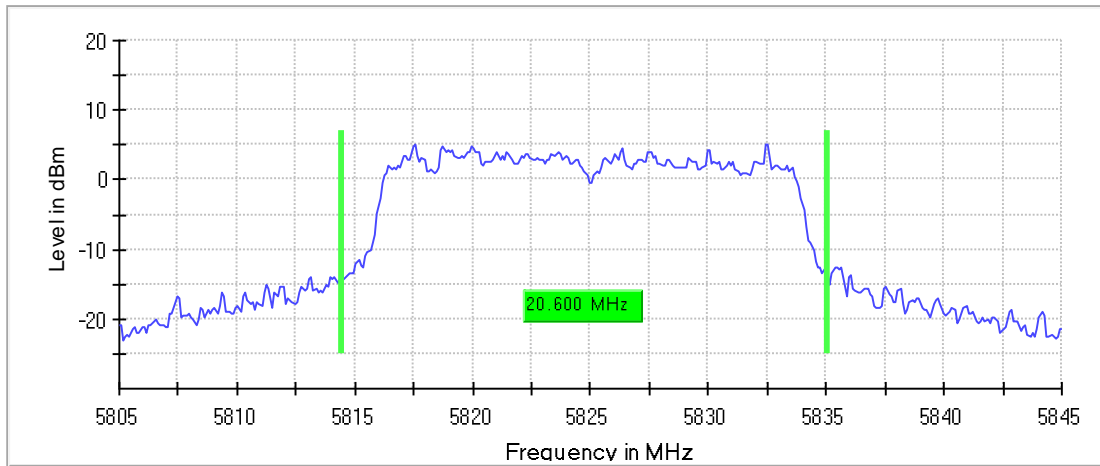
Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

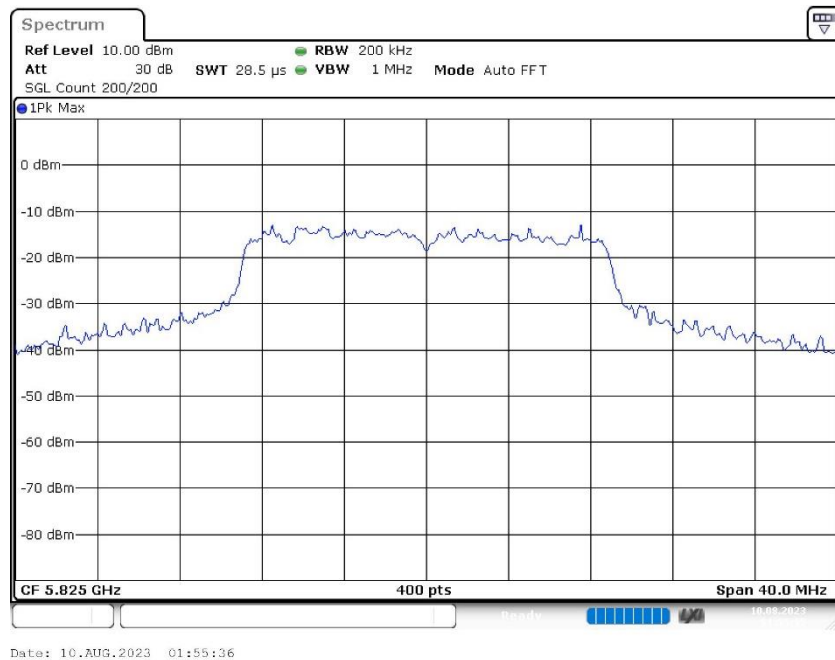
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	20.600000	---	---	5814.450000	5835.050000

DUT Frequency (MHz)	Result
5825.000000	PASS

99 %Bandwidth



Bandwidth



Tx Spurious Emission (5825 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Final measurements

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

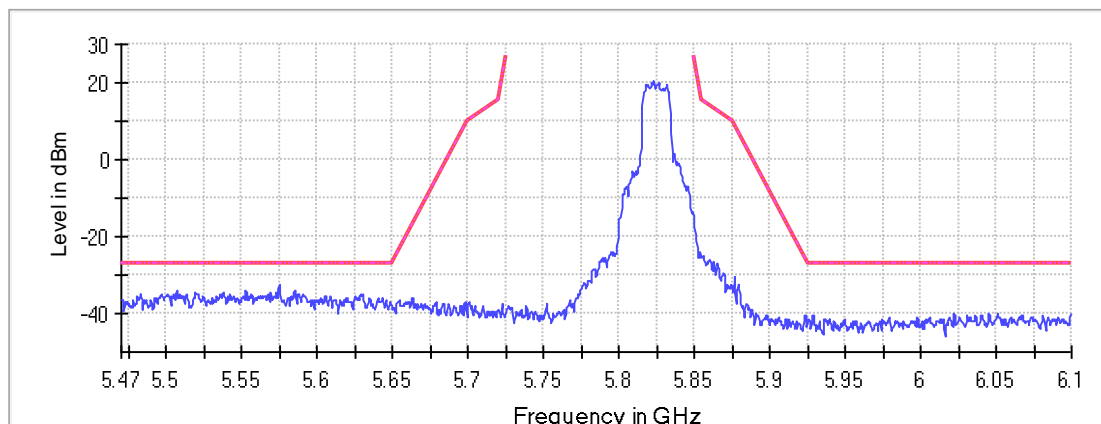
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5574.750000	-32.7	5.7	-27.0
5575.250000	-32.9	5.9	-27.0
5574.250000	-33.5	6.5	-27.0
5585.250000	-34.0	7.0	-27.0
5552.750000	-34.2	7.2	-27.0
5506.750000	-34.2	7.2	-27.0
5572.750000	-34.4	7.4	-27.0
5573.250000	-34.4	7.4	-27.0
5584.750000	-34.4	7.4	-27.0
5552.250000	-34.6	7.6	-27.0
5519.250000	-34.6	7.6	-27.0
5553.250000	-34.6	7.6	-27.0
5568.750000	-34.6	7.6	-27.0
5569.250000	-34.7	7.7	-27.0
5537.750000	-34.7	7.7	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2

Spurious



— Limit - - - - - Threshold × Critical × Final Critical — SumLevel

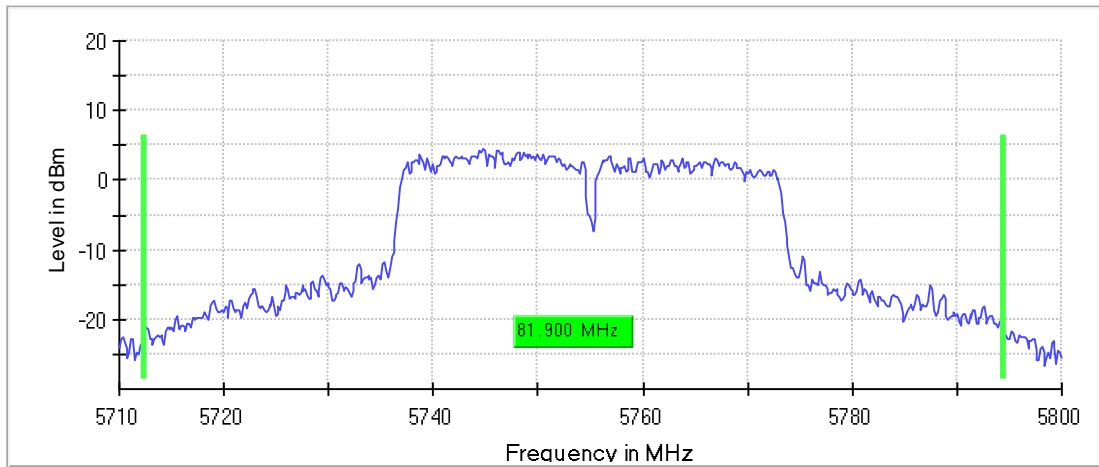
Emission Bandwidth 26 dB (5755 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

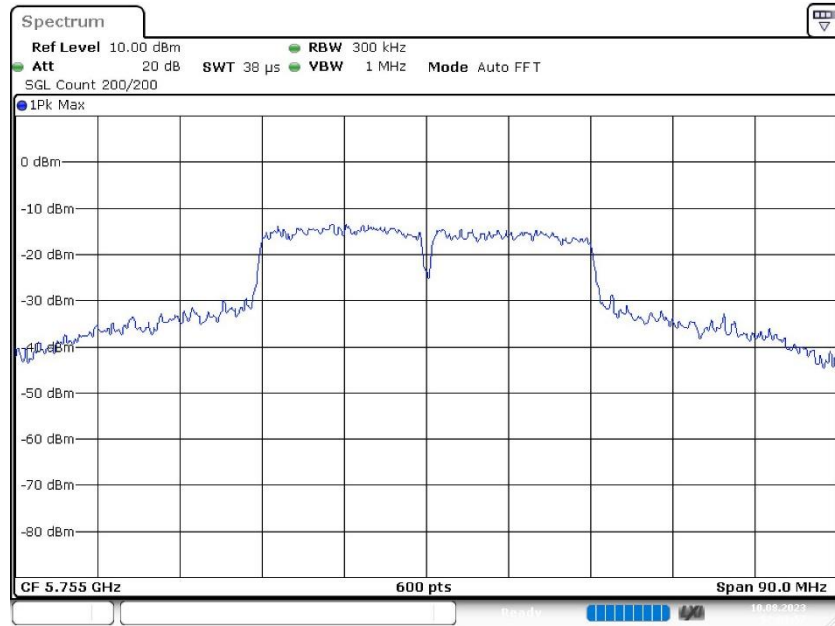
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	81.900000	---	---	5712.475000	5794.375000

DUT Frequency (MHz)	Max Level (dBm)	Result
5755.000000	4.4	PASS

26 dB Bandwidth



Bandwidth

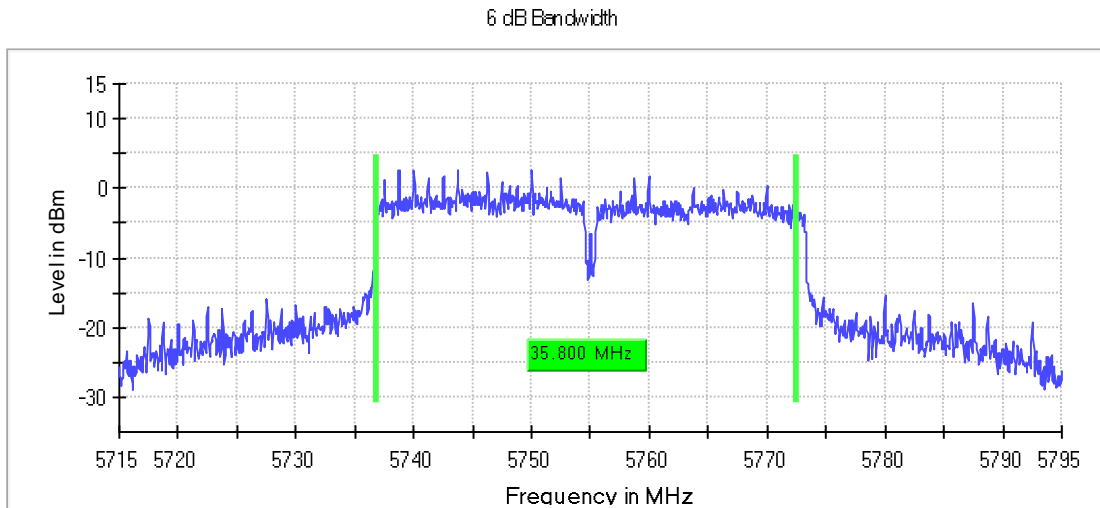


Minimum Emission Bandwidth 6 dB (5755 MHz; 24.000 dBm; 40 MHz)

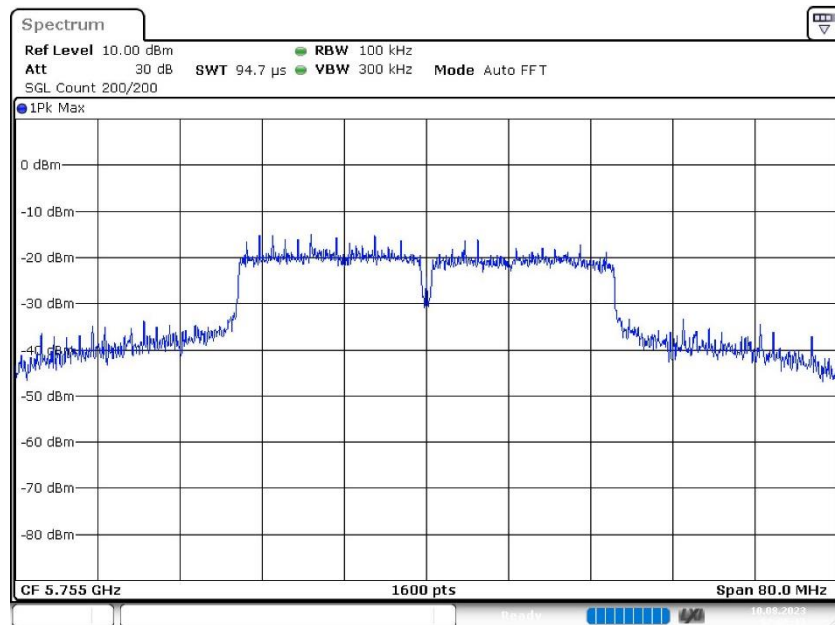
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	35.800000	0.500000	---	5736.775000	5772.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5755.000000	2.7	PASS



Bandwidth



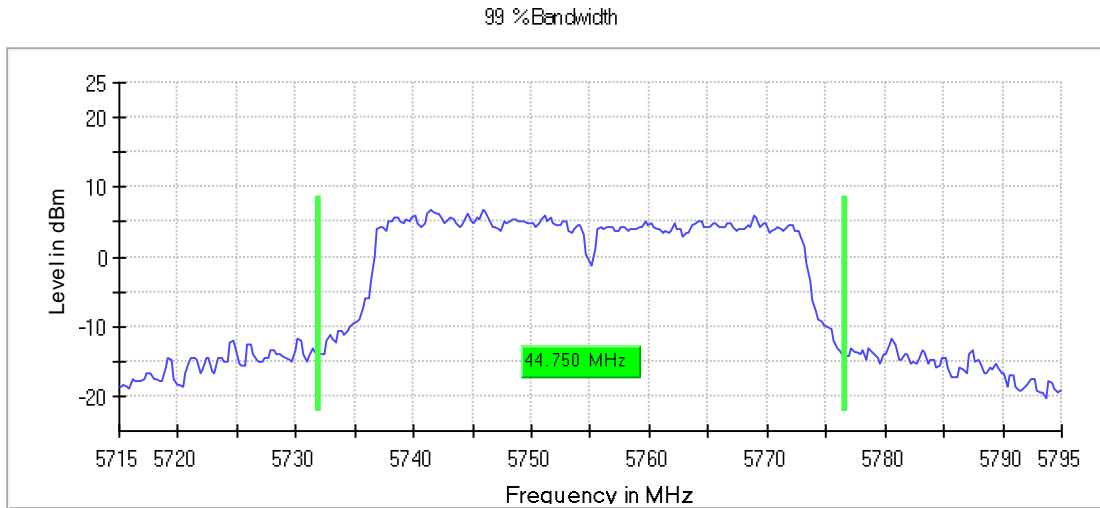
Date: 10.AUG.2023 02:05:12

Occupied Channel Bandwidth 99% (5755 MHz; 24.000 dBm; 40 MHz)

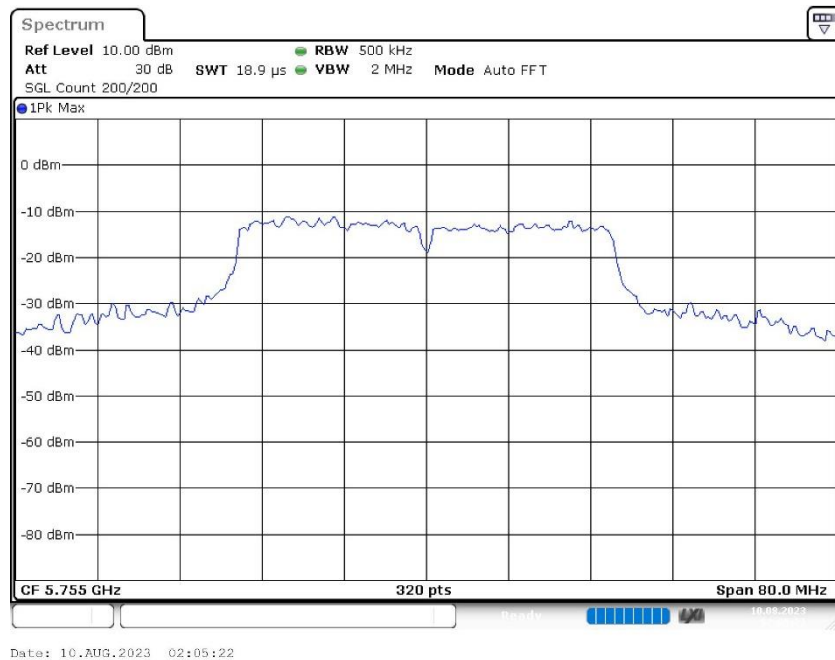
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	44.750000	---	---	5731.875000	5776.625000

DUT Frequency (MHz)	Result
5755.000000	PASS



Bandwidth



Tx Spurious Emission (5755 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5755.000000	PASS

Final measurements

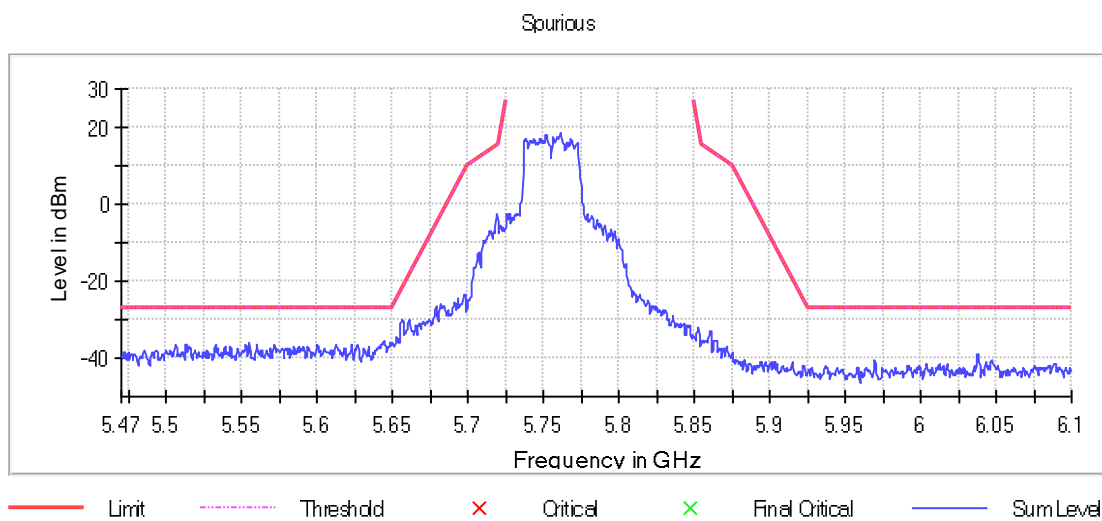
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5656.250000	-29.9	7.5	-22.4
5655.750000	-30.4	7.7	-22.7
5655.250000	-31.0	7.9	-23.1
5644.250000	-35.6	8.6	-27.0
5656.750000	-30.6	8.6	-22.0
5649.750000	-35.9	8.9	-27.0
5643.750000	-36.0	9.0	-27.0
5555.250000	-36.0	9.0	-27.0
5554.750000	-36.0	9.0	-27.0
5650.250000	-36.0	9.2	-26.8
5648.250000	-36.2	9.2	-27.0
5513.250000	-36.3	9.3	-27.0
5642.750000	-36.4	9.4	-27.0
5512.750000	-36.4	9.4	-27.0
5644.750000	-36.4	9.4	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



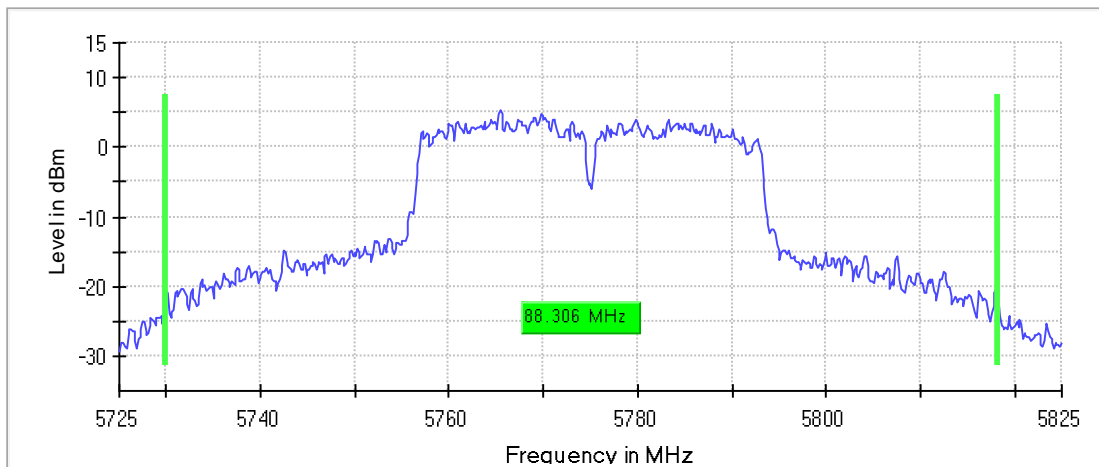
Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

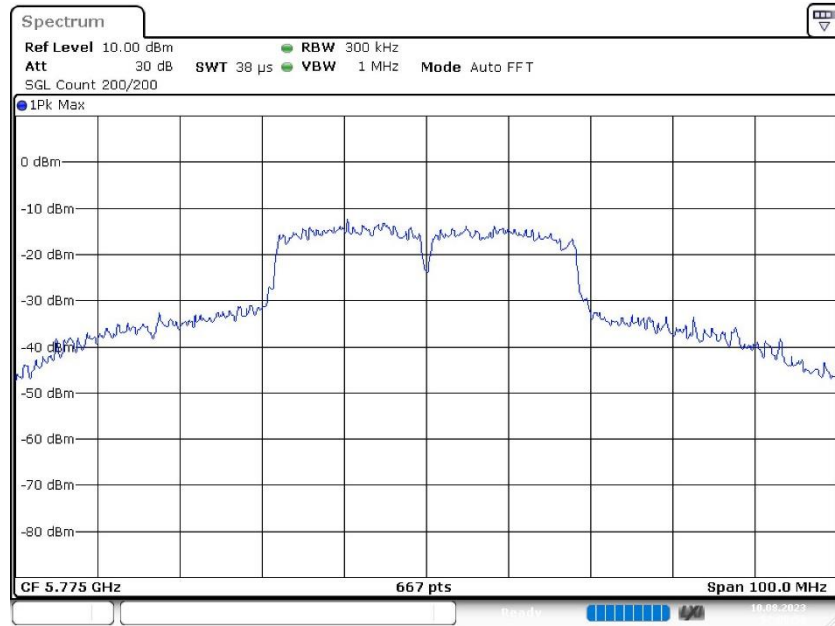
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	88.305847	---	---	5729.872564	5818.178411

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	5.4	PASS

26 dB Bandwidth



Bandwidth



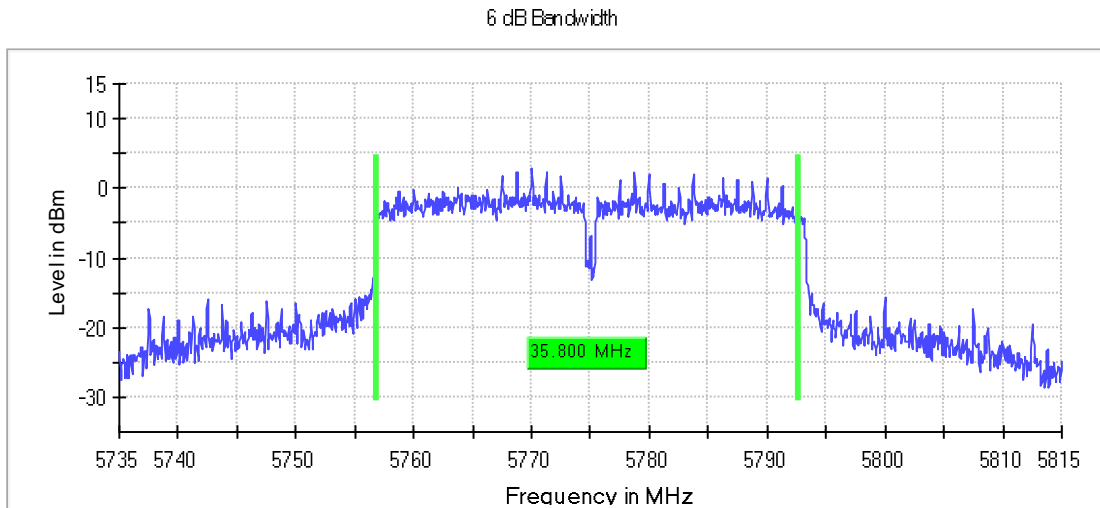
Date: 10.AUG.2023 02:09:56

Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 40 MHz)

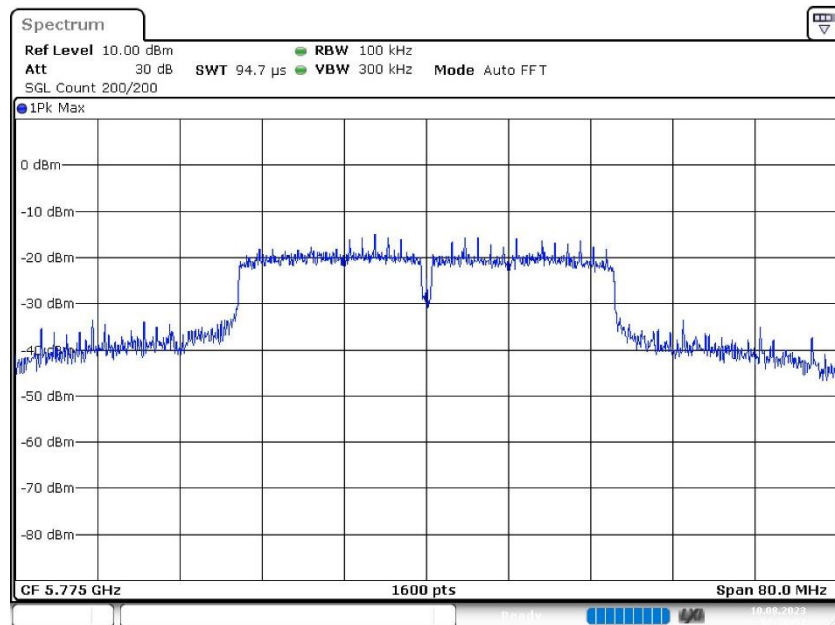
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	35.800000	0.500000	---	5756.825000	5792.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	2.7	PASS



Bandwidth



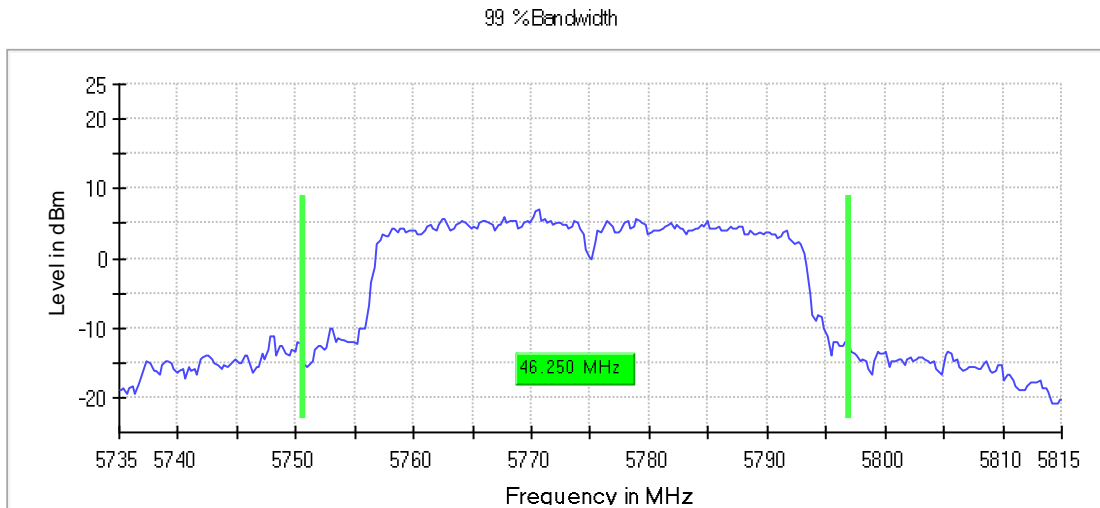
Date: 10.AUG.2023 02:10:51

Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 40 MHz)

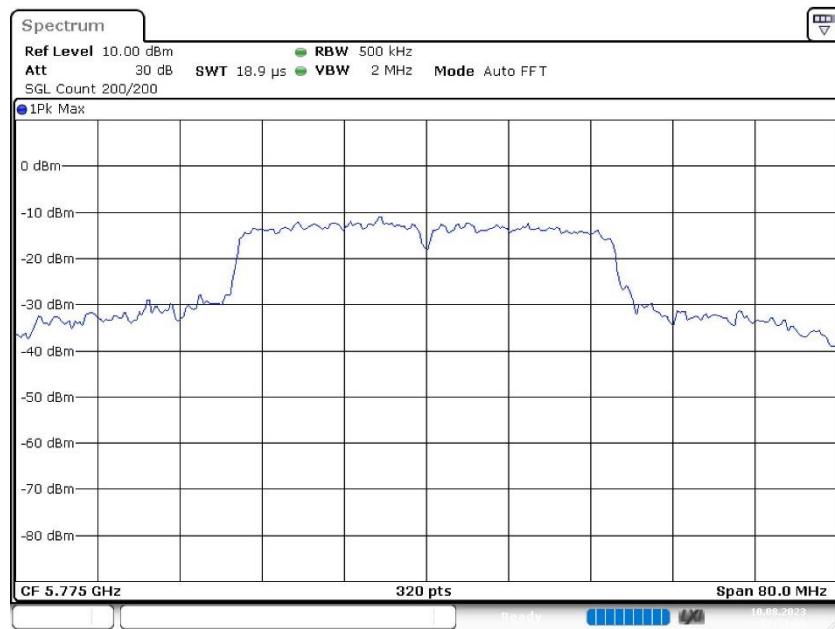
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	46.250000	---	---	5750.625000	5796.875000

DUT Frequency (MHz)	Result
5775.000000	PASS



Bandwidth



Tx Spurious Emission (5775 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

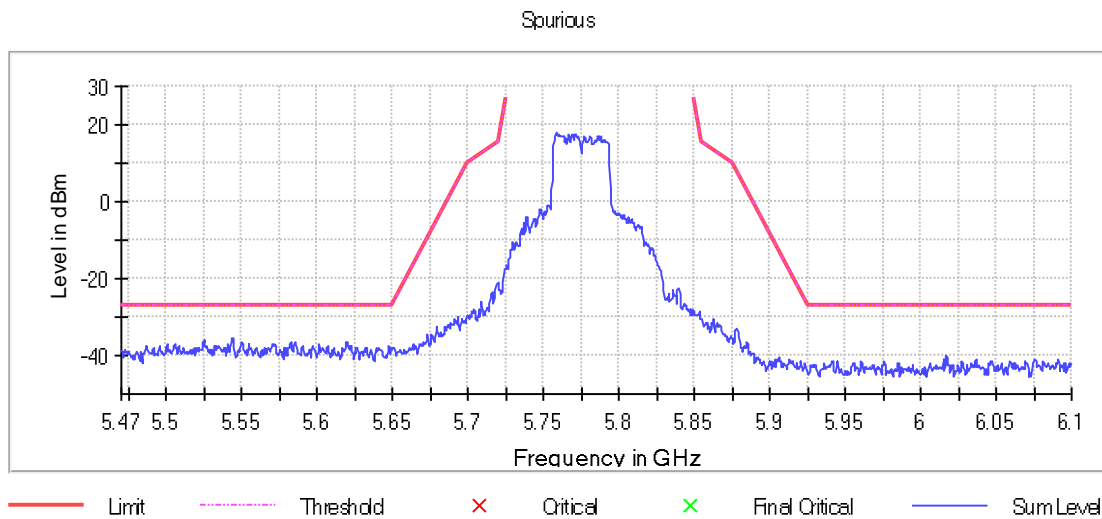
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5543.250000	-35.5	8.5	-27.0
5543.750000	-35.6	8.6	-27.0
5544.250000	-35.7	8.7	-27.0
5525.250000	-36.0	9.0	-27.0
5619.750000	-36.3	9.3	-27.0
5620.250000	-36.3	9.3	-27.0
5524.250000	-36.5	9.5	-27.0
5524.750000	-36.5	9.5	-27.0
5542.750000	-36.6	9.6	-27.0
5585.250000	-36.7	9.7	-27.0
5549.750000	-36.7	9.7	-27.0
5582.750000	-36.7	9.7	-27.0
5619.250000	-36.7	9.7	-27.0
5570.250000	-36.8	9.8	-27.0
5618.750000	-36.8	9.8	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



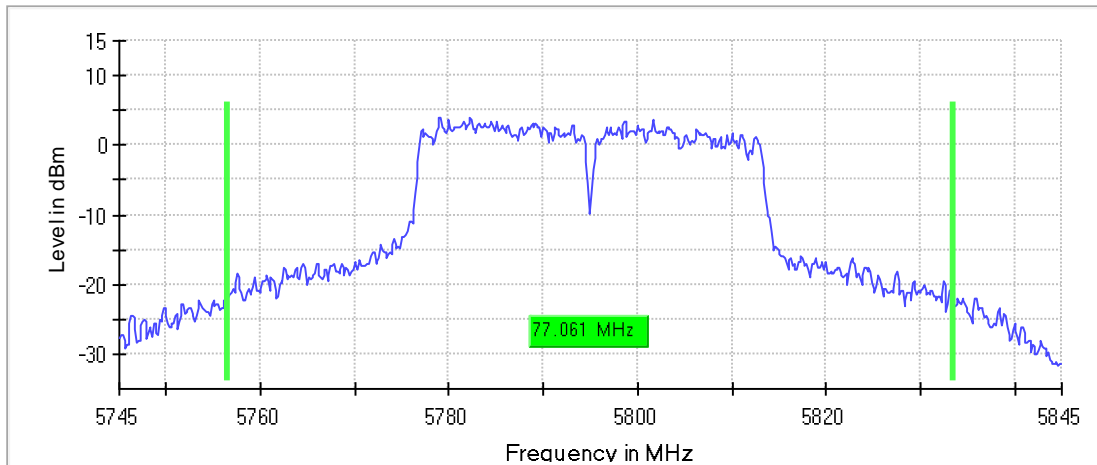
Emission Bandwidth 26 dB (5795 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

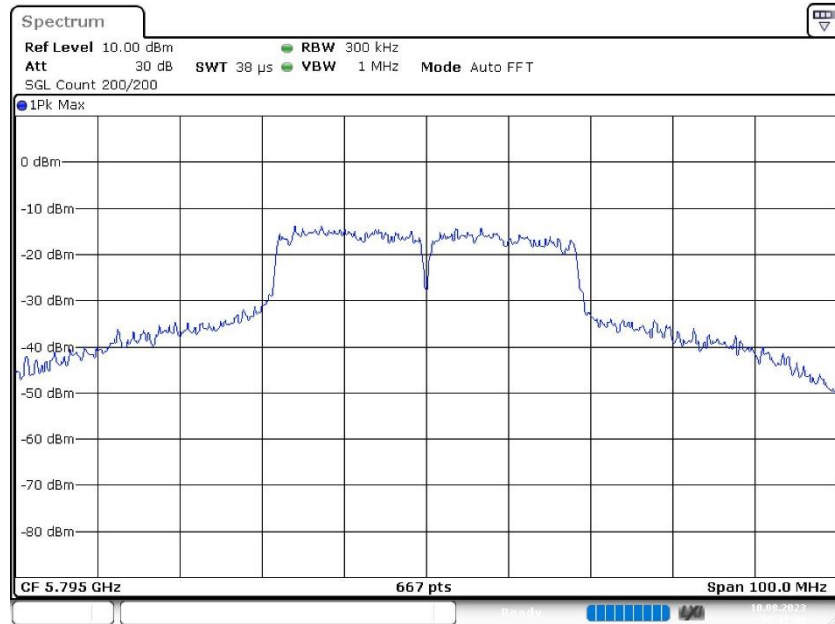
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	77.061470	---	---	5756.469265	5833.530735

DUT Frequency (MHz)	Max Level (dBm)	Result
5795.000000	4.1	PASS

26 dB Bandwidth



Bandwidth



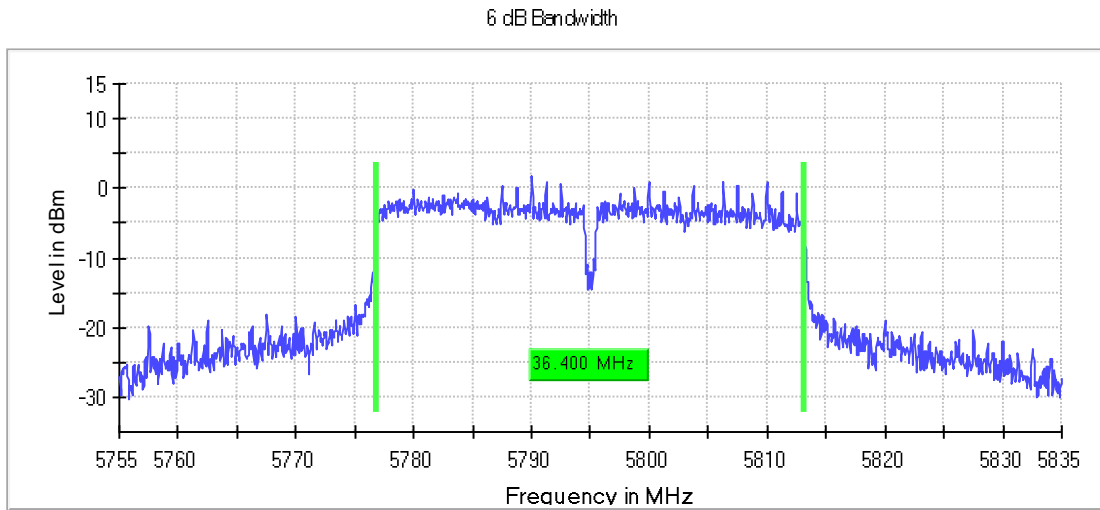
Date: 10.AUG.2023 02:12:31

Minimum Emission Bandwidth 6 dB (5795 MHz; 24.000 dBm; 40 MHz)

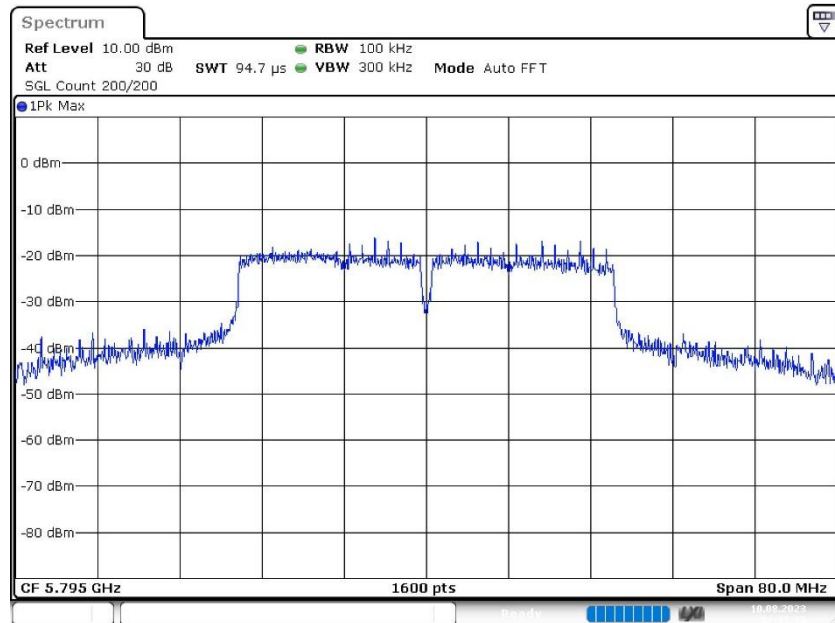
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	36.400000	0.500000	---	5776.775000	5813.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5795.000000	1.8	PASS



Bandwidth



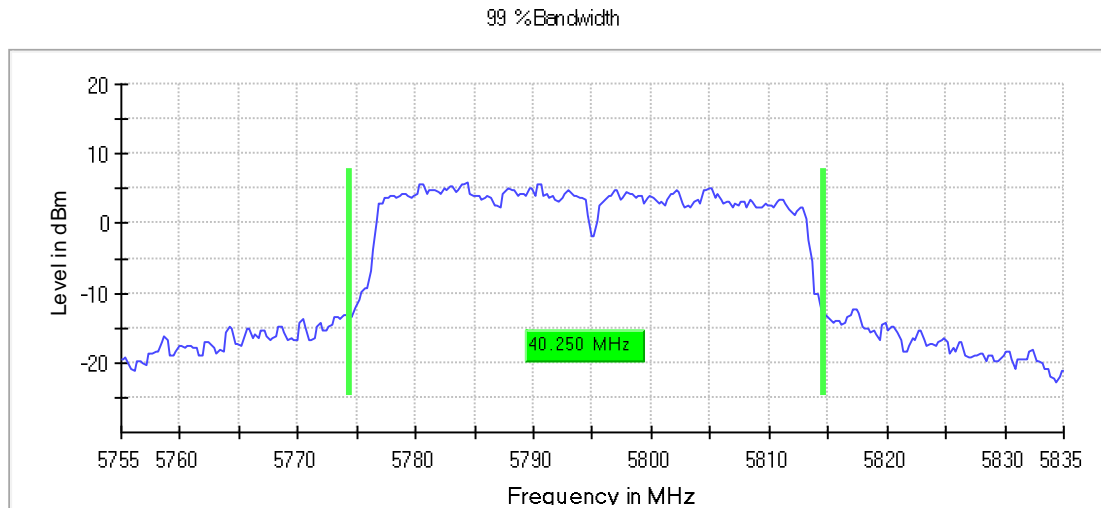
Date: 10.AUG.2023 02:15:18

Occupied Channel Bandwidth 99% (5795 MHz; 24.000 dBm; 40 MHz)

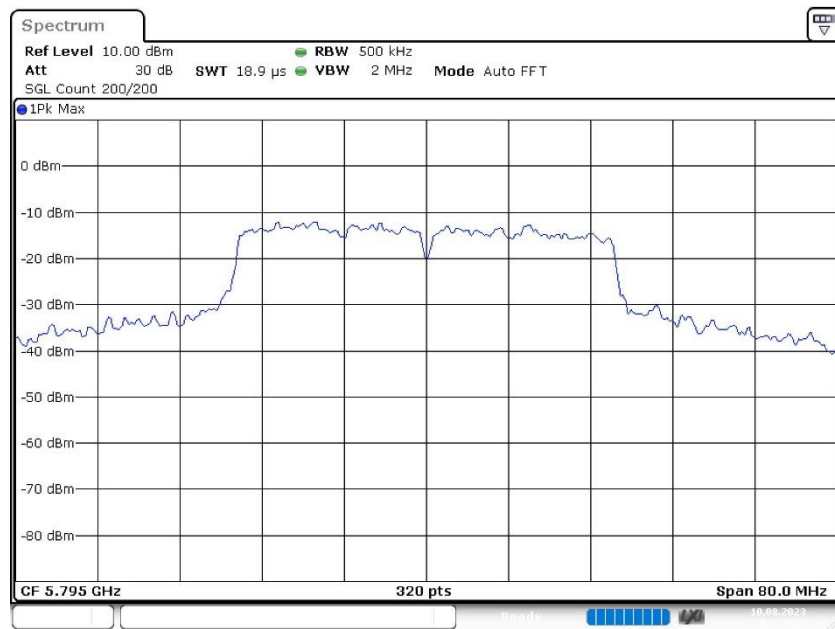
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	40.250000	---	---	5774.375000	5814.625000

DUT Frequency (MHz)	Result
5795.000000	PASS



Bandwidth



Tx Spurious Emission (5795 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5795.000000	PASS

Final measurements

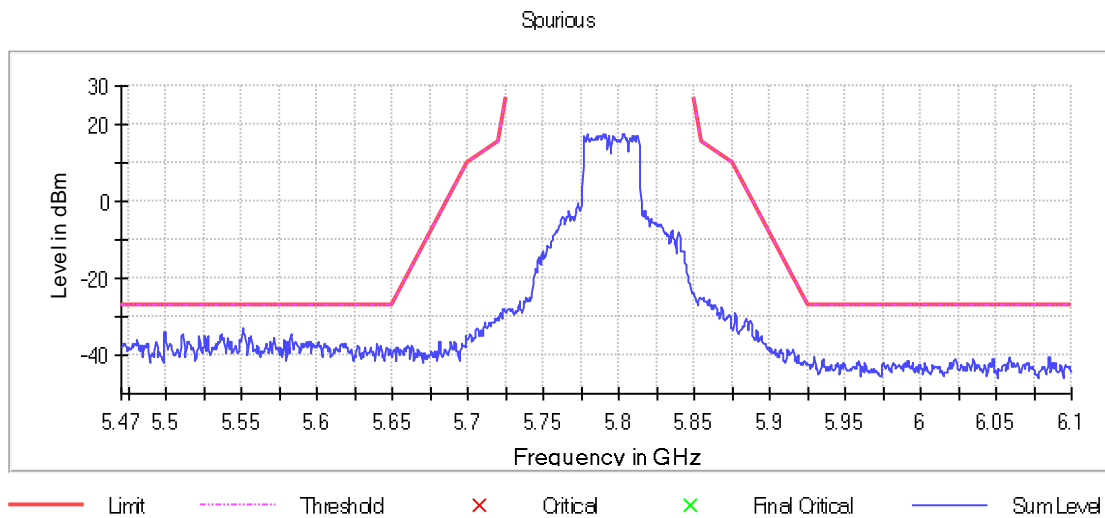
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5550.750000	-33.1	6.1	-27.0
5550.250000	-33.5	6.5	-27.0
5498.750000	-34.0	7.0	-27.0
5551.250000	-34.0	7.0	-27.0
5499.250000	-34.1	7.1	-27.0
5582.750000	-34.3	7.3	-27.0
5510.750000	-34.4	7.4	-27.0
5536.250000	-34.6	7.6	-27.0
5511.250000	-34.9	7.9	-27.0
5510.250000	-34.9	7.9	-27.0
5521.750000	-34.9	7.9	-27.0
5535.750000	-35.0	8.0	-27.0
5552.250000	-35.0	8.0	-27.0
5551.750000	-35.1	8.1	-27.0
5521.250000	-35.1	8.1	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



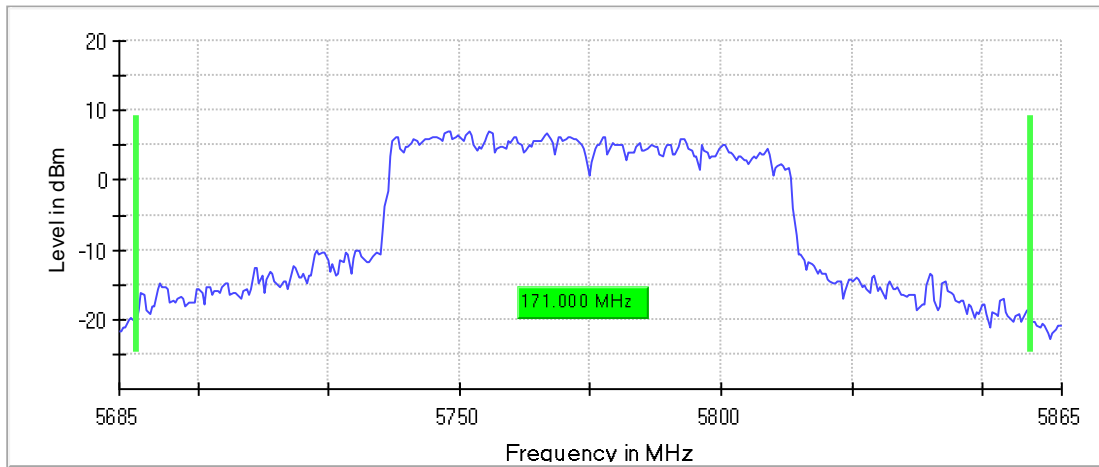
Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

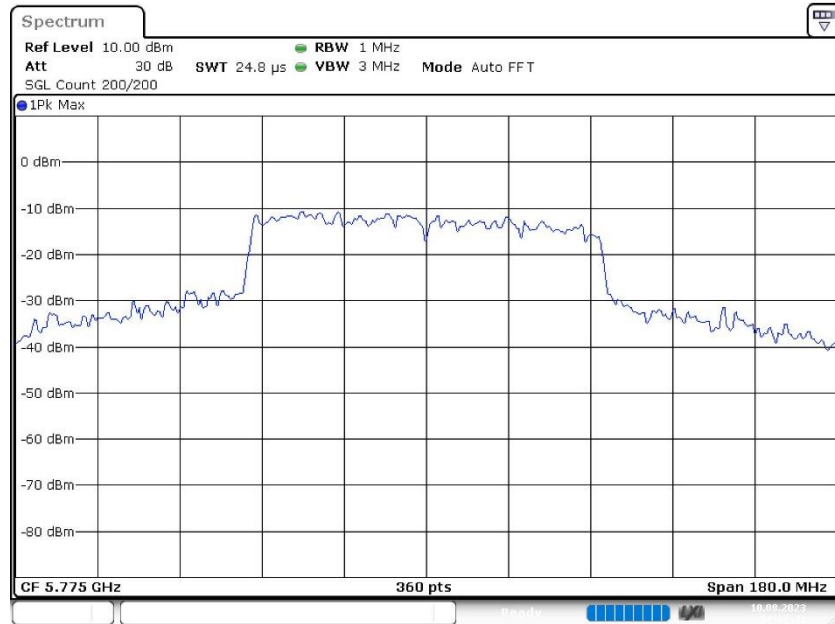
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	171.000000	---	---	5688.250000	5859.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	7.1	PASS

26 dB Bandwidth



Bandwidth



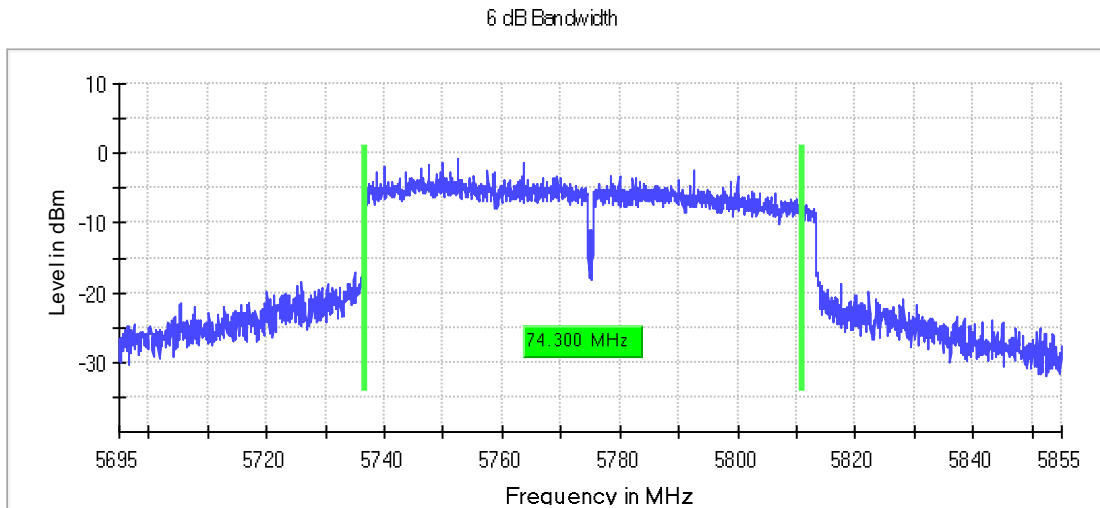
Date: 10.AUG.2023 02:22:41

Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 80 MHz)

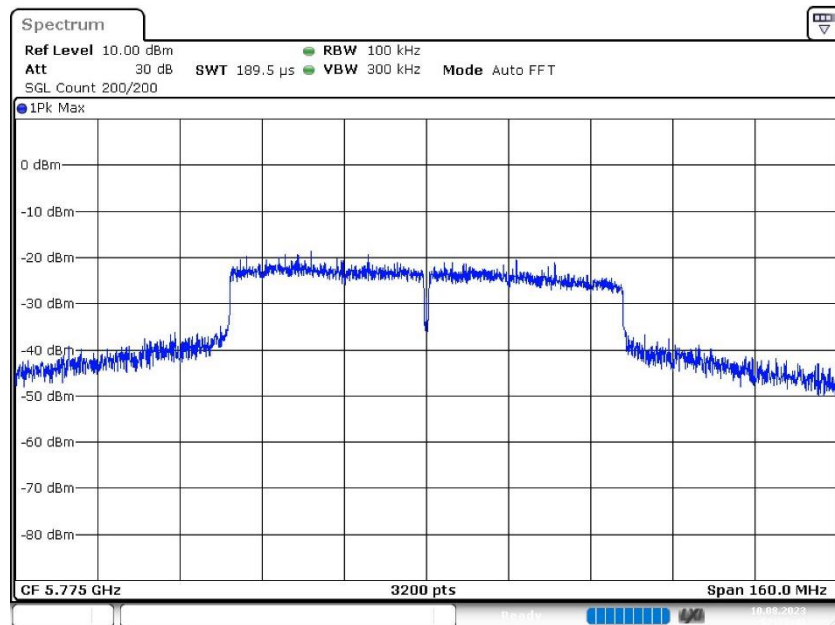
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	74.300000	0.500000	---	5736.775000	5811.075000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	-0.9	PASS



Bandwidth

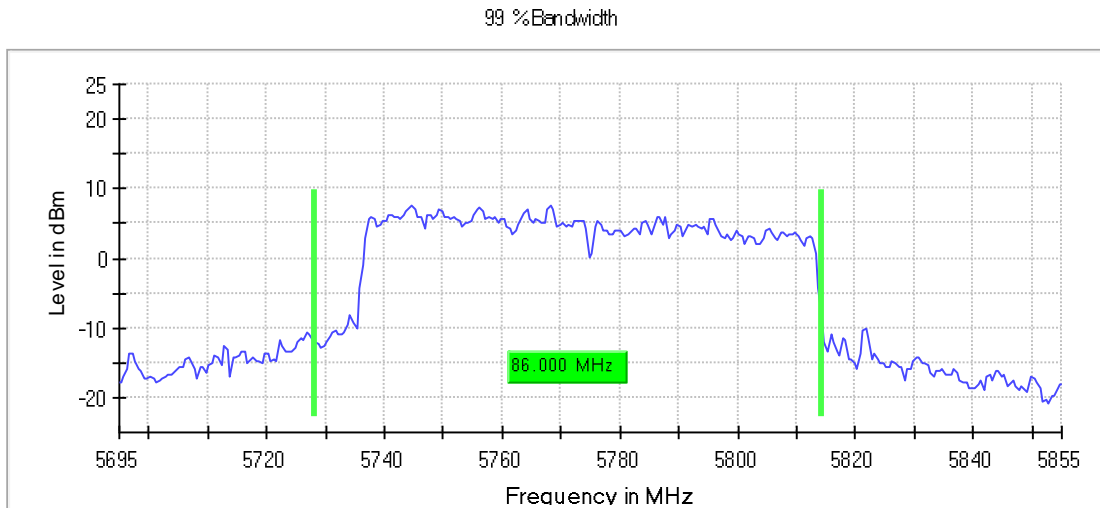


Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 80 MHz)

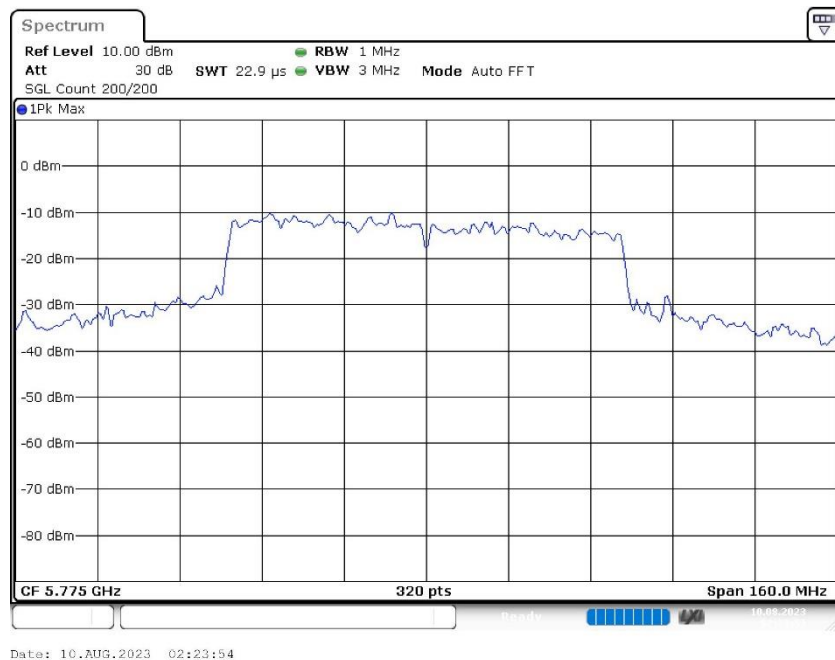
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	86.000000	---	---	5728.250000	5814.250000

DUT Frequency (MHz)	Result
5775.000000	PASS



Bandwidth



Tx Spurious Emission (5775 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

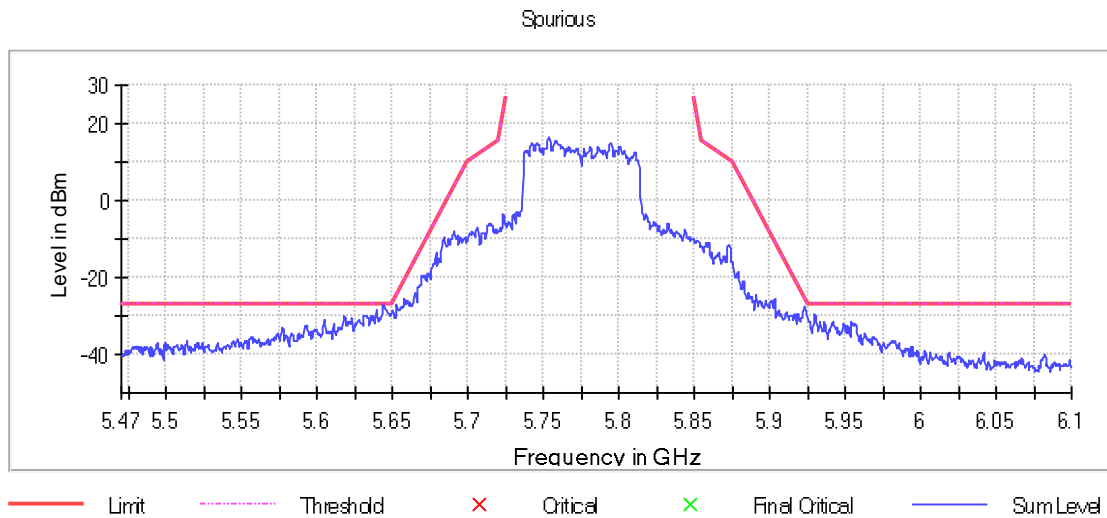
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5643.750000	-27.1	0.1	-27.0
5644.250000	-27.3	0.3	-27.0
5644.750000	-28.0	1.0	-27.0
5649.750000	-28.3	1.3	-27.0
5650.250000	-28.3	1.5	-26.8
5645.750000	-28.5	1.5	-27.0
5646.250000	-28.6	1.6	-27.0
5645.250000	-28.6	1.6	-27.0
5639.250000	-28.7	1.7	-27.0
5652.750000	-26.8	1.8	-25.0
5638.750000	-28.8	1.8	-27.0
5643.250000	-28.9	1.9	-27.0
5923.250000	-27.7	2.0	-25.7
5649.250000	-29.2	2.2	-27.0
5642.750000	-29.3	2.3	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



1.2 External Antenna

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5745.000	24.0	20.000000	PASS
RF output power	5745.000	24.0	20.000000	PASS
Power Spectral Density	5745.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5745.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5745.000	24.0	20.000000	PASS
Tx Spurious Emission	5745.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5775.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	24.0	20.000000	PASS
Tx Spurious Emission	5775.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5825.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5825.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5825.000	24.0	20.000000	PASS
Tx Spurious Emission	5825.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5755.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5755.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5755.000	24.0	40.000000	PASS
Tx Spurious Emission	5755.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5775.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	24.0	40.000000	PASS
Tx Spurious Emission	5775.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5795.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5795.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5795.000	24.0	40.000000	PASS
Tx Spurious Emission	5795.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5775.000	24.0	80.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	24.0	80.000000	PASS
Tx Spurious Emission	5775.000	24.0	80.000000	PASS

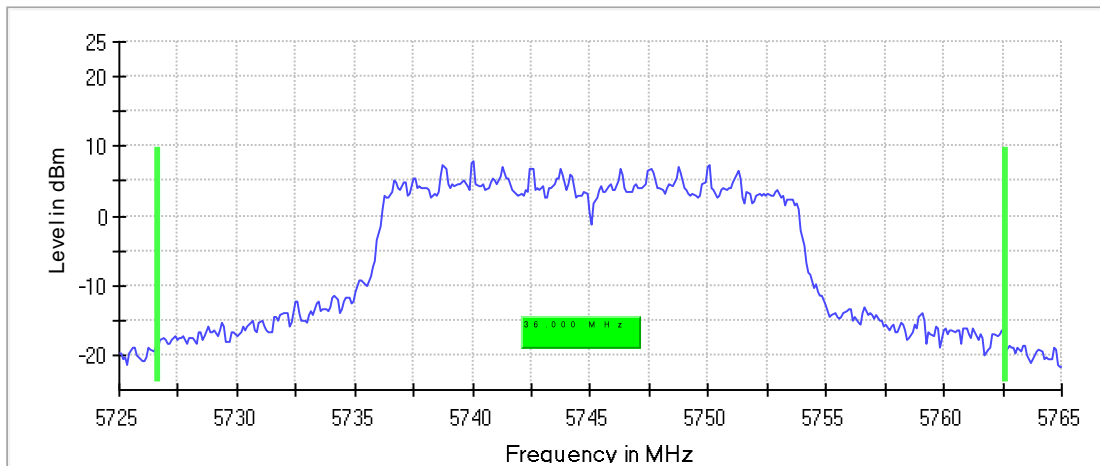
Emission Bandwidth 26 dB (5745 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

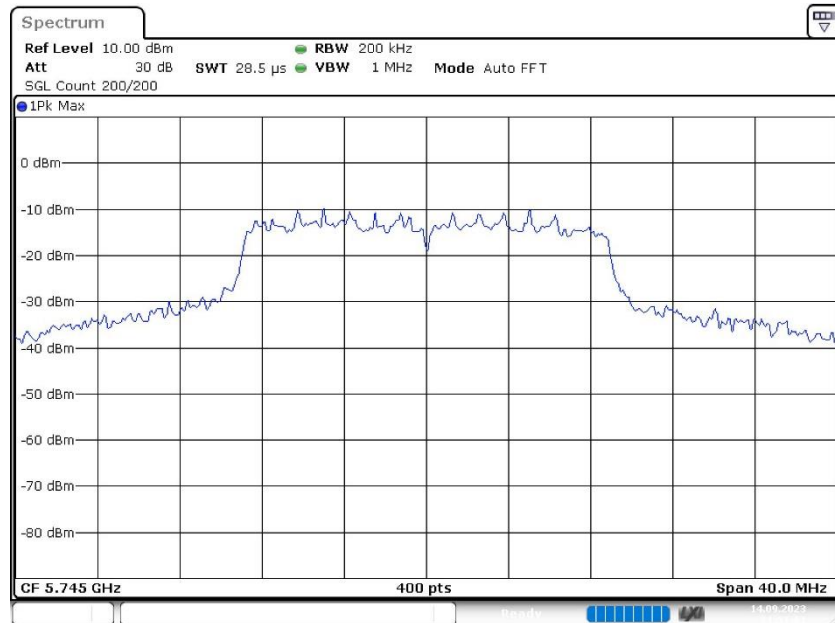
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	36.000000	---	---	5726.650000	5762.650000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	7.8	PASS

26 dB Bandwidth



Bandwidth



Date: 14.SEP.2023 21:51:02

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.76500 GHz	5.76500 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 (5745 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5745.000000	20.8	30.0	20.8	89.356	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

Power Spectral Density (5745 MHz; 24.000 dBm; 20 MHz)

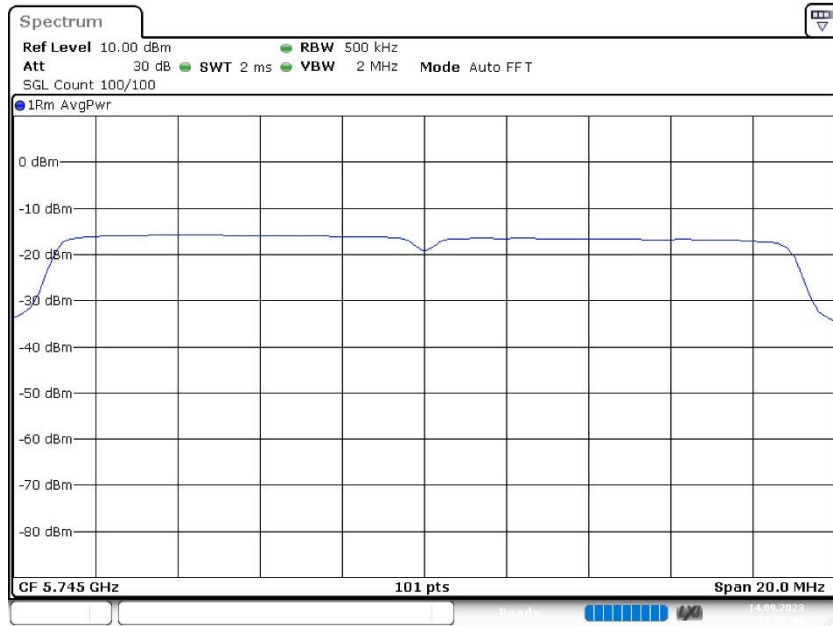
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5745.000000	5740.049505	4.473	30.0	PASS

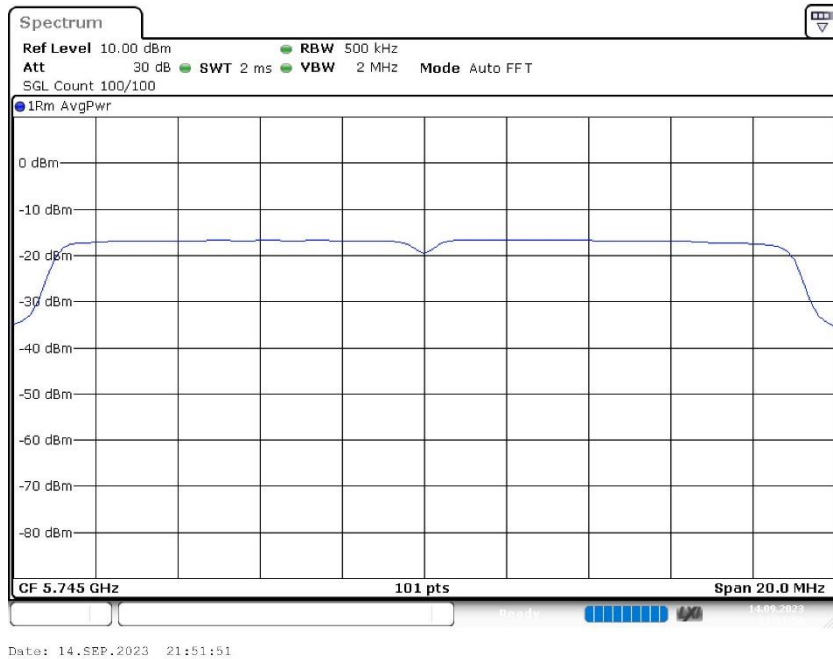
Ports

Port	State
1	used
2	used

PSD Connector 1



PSD Connector 2



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.73500 GHz	5.73500 GHz
Stop Frequency	5.75500 GHz	5.75500 GHz
Span	20.000 MHz	20.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	101	~ 80
SweepTime	2.020 ms	2.020 ms
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	FFT	AUTO
Preamp	off	off

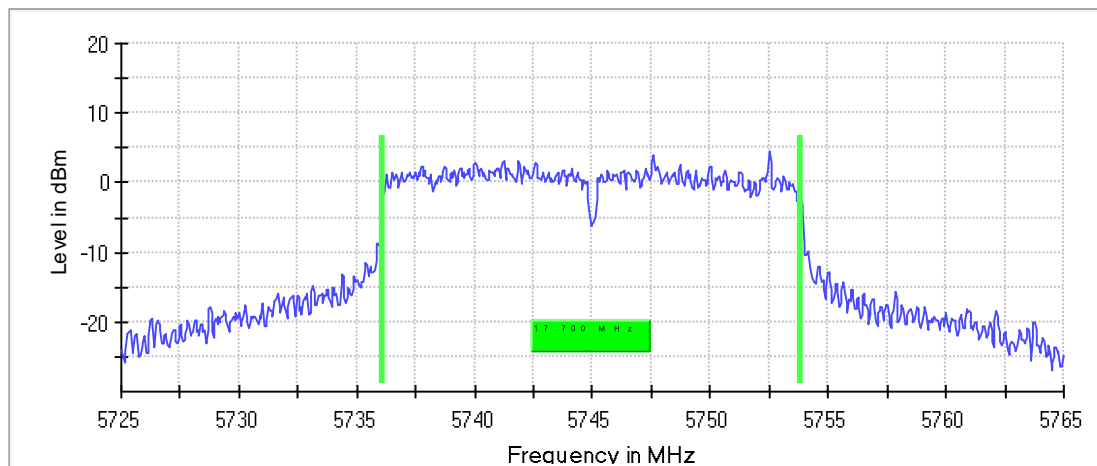
Minimum Emission Bandwidth 6 dB (5745 MHz; 24.000 dBm; 20 MHz)

6 dB Bandwidth

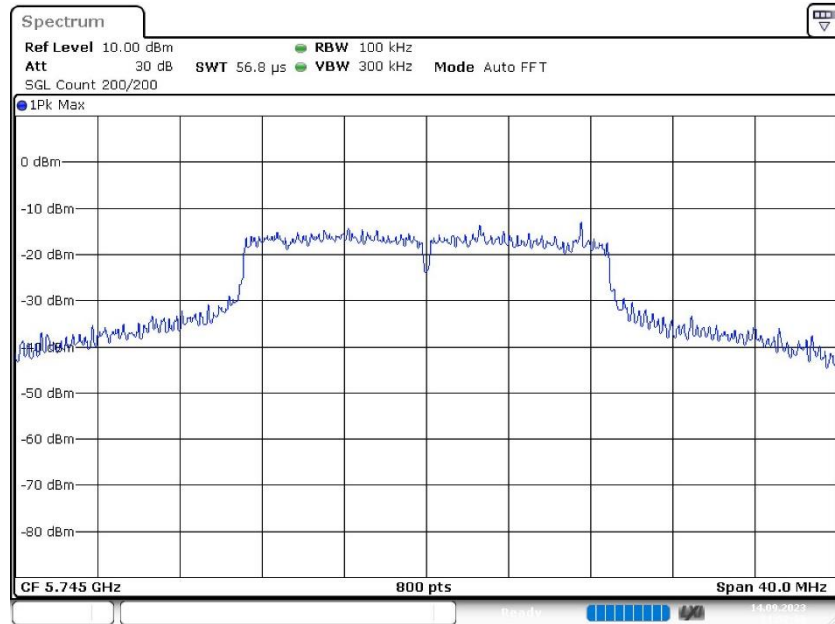
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	17.700000	0.500000	---	5736.125000	5753.825000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	4.7	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.76500 GHz	5.76500 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	56.836 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

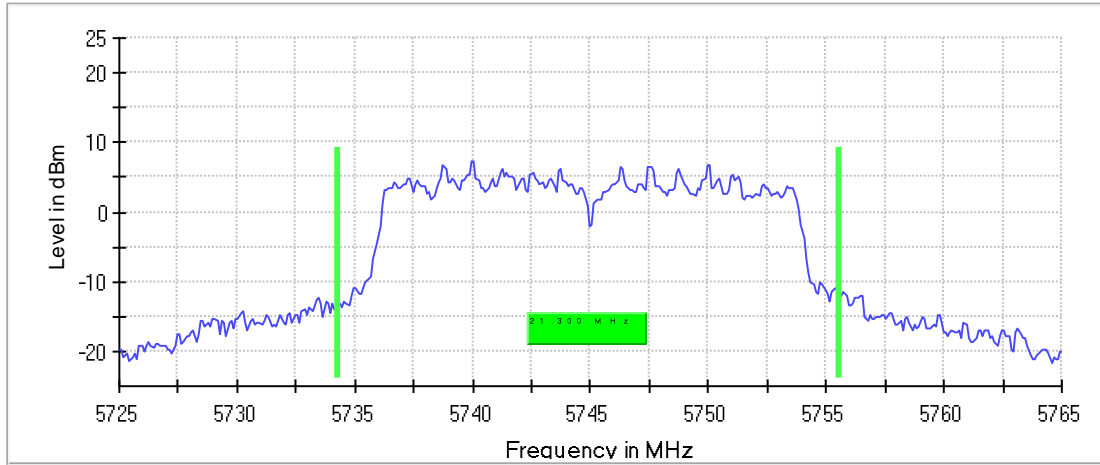
Occupied Channel Bandwidth 99% (5745 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

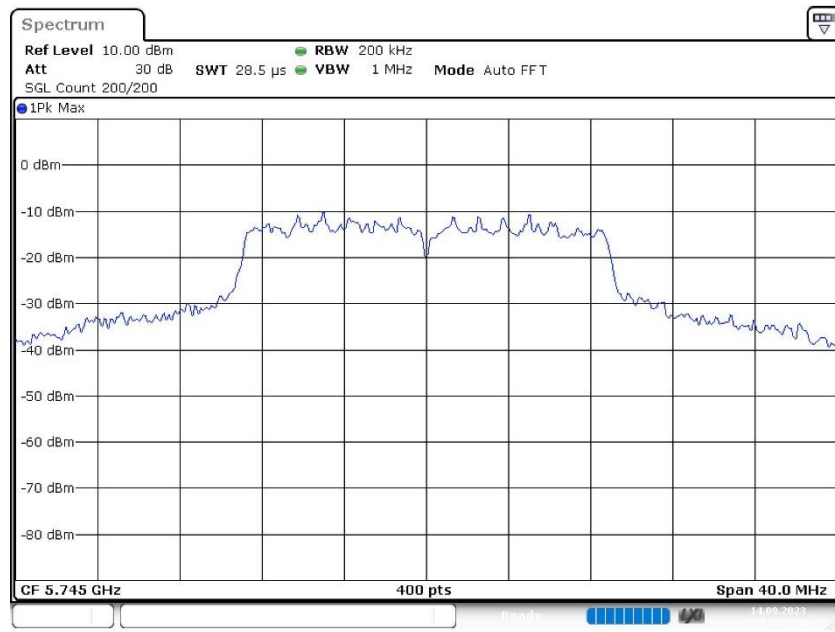
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	21.300000	---	---	5734.250000	5755.550000

DUT Frequency (MHz)	Result
5745.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.76500 GHz	5.76500 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

Tx Spurious Emission (5745 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5745.000000	PASS

Final measurements

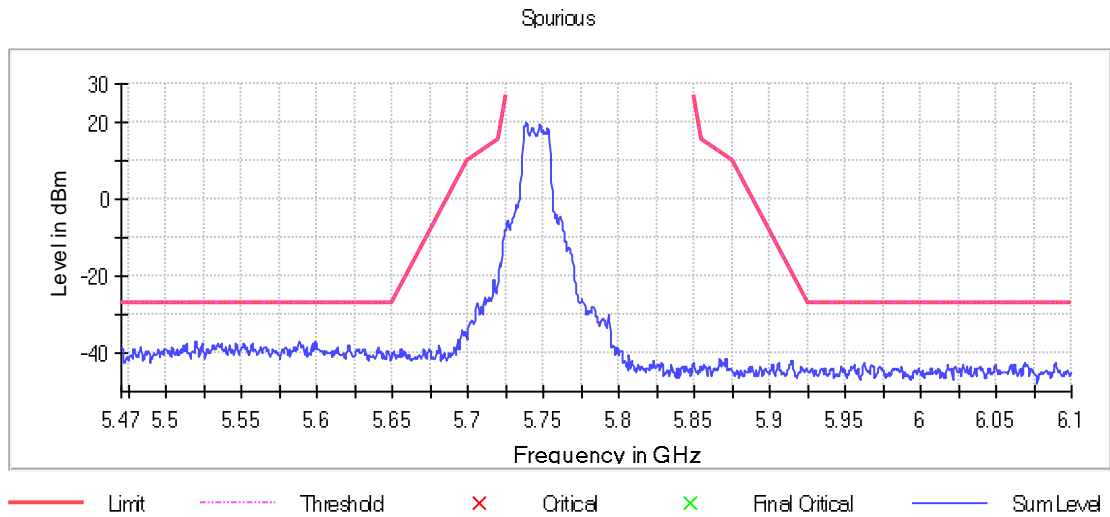
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5519.250000	-36.9	9.9	-27.0
5598.750000	-37.0	10.0	-27.0
5587.750000	-37.0	10.0	-27.0
5588.250000	-37.1	10.1	-27.0
5519.750000	-37.2	10.2	-27.0
5536.250000	-37.5	10.5	-27.0
5556.750000	-37.5	10.5	-27.0
5598.250000	-37.6	10.6	-27.0
5550.750000	-37.6	10.6	-27.0
5551.250000	-37.6	10.6	-27.0
5513.250000	-37.6	10.6	-27.0
5596.750000	-37.6	10.6	-27.0
5546.250000	-37.6	10.6	-27.0
5533.750000	-37.6	10.6	-27.0
5523.750000	-37.7	10.7	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	1260	~ 1260
Sweeptime	85.781 μ s	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

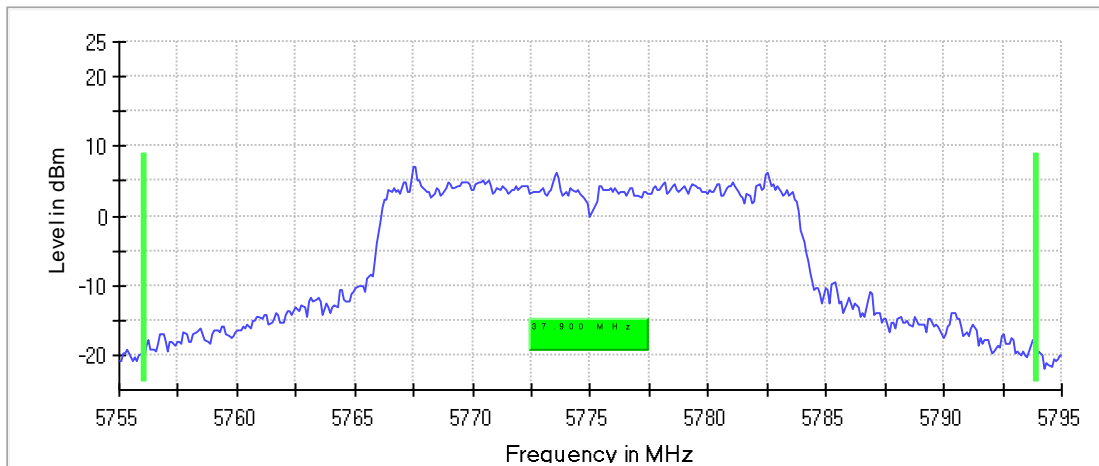
Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

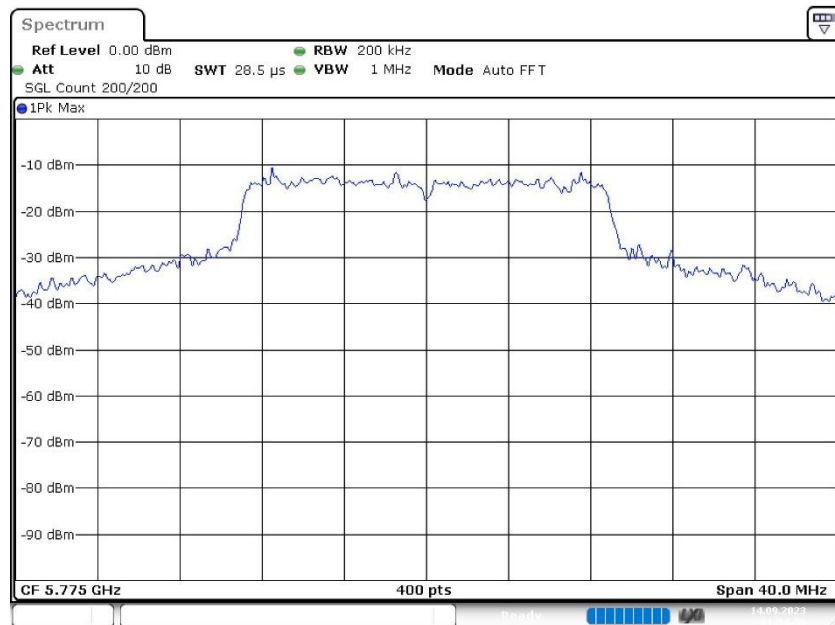
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	37.900000	---	---	5756.050000	5793.950000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	7.1	PASS

26 dB Bandwidth



Bandwidth



Date: 14.SEP.2023 21:54:59

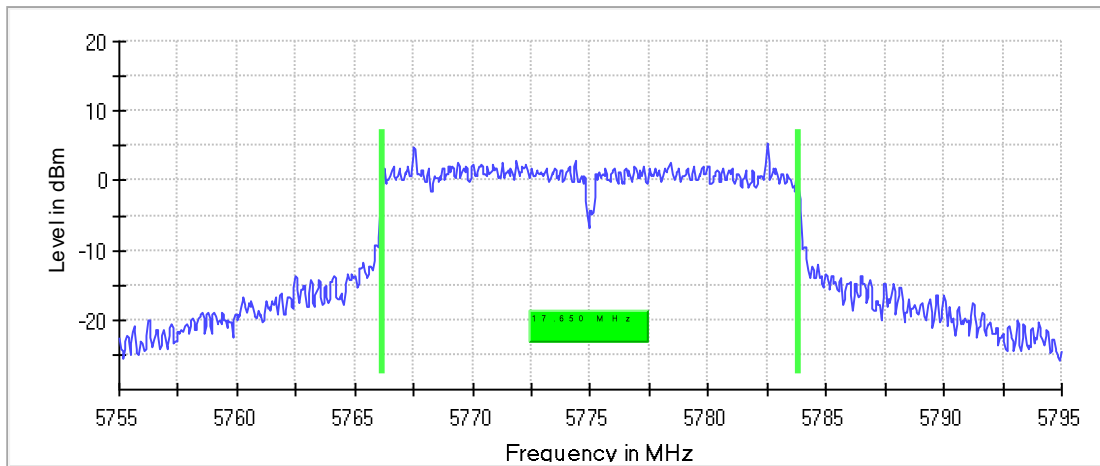
Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 20 MHz)

6 dB Bandwidth

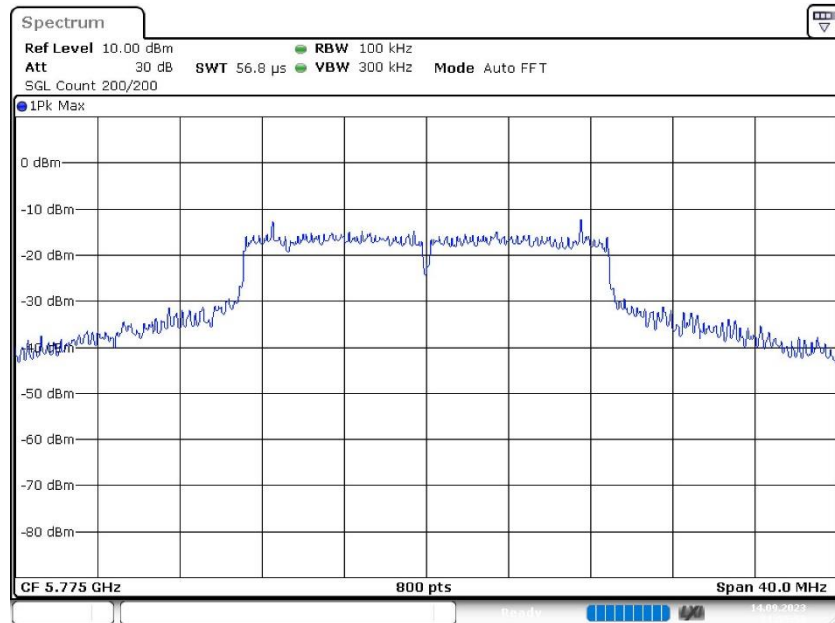
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	17.650000	0.500000	---	5766.175000	5783.825000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	5.4	PASS

6 dB Bandwidth



Bandwidth



Date: 14.SEP.2023 21:55:57

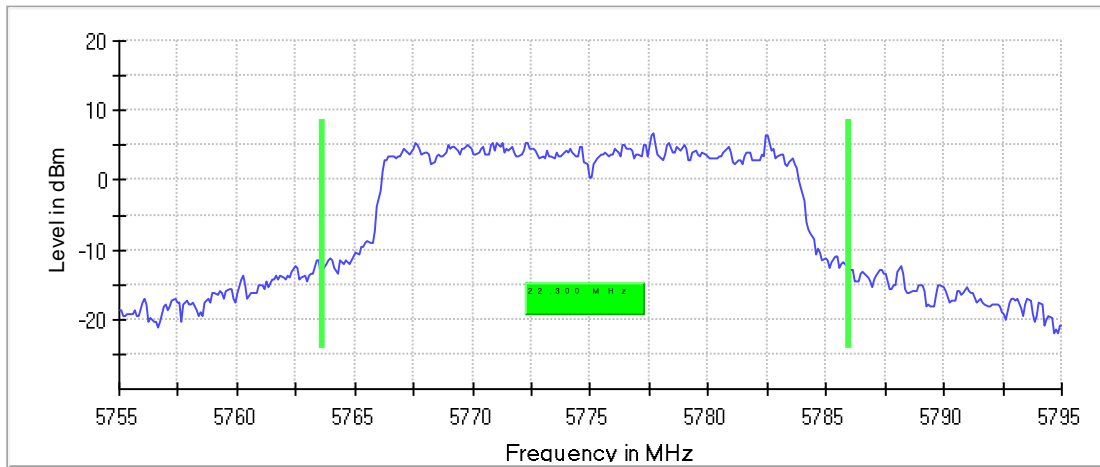
Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

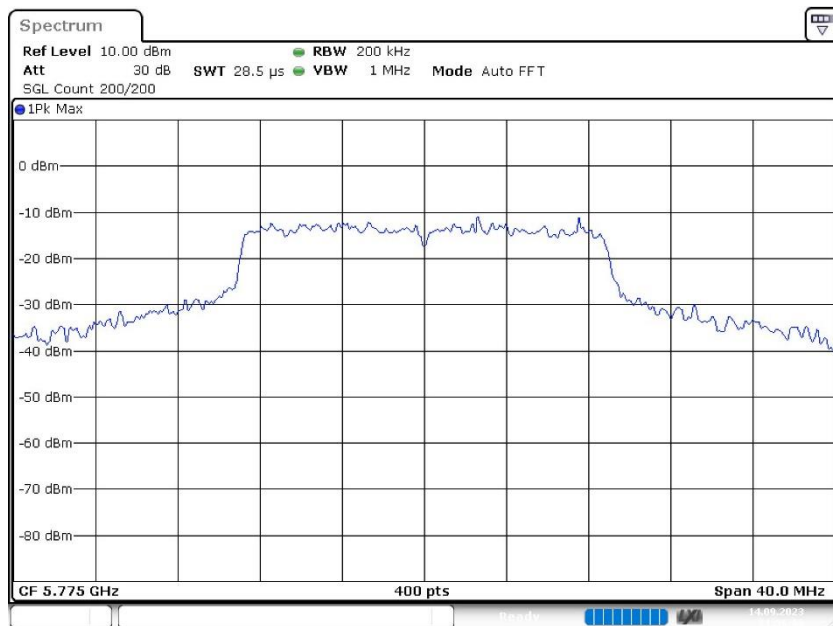
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	22.300000	---	---	5763.650000	5785.950000

DUT Frequency (MHz)	Result
5775.000000	PASS

99 %Bandwidth



Bandwidth



Tx Spurious Emission (5775 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

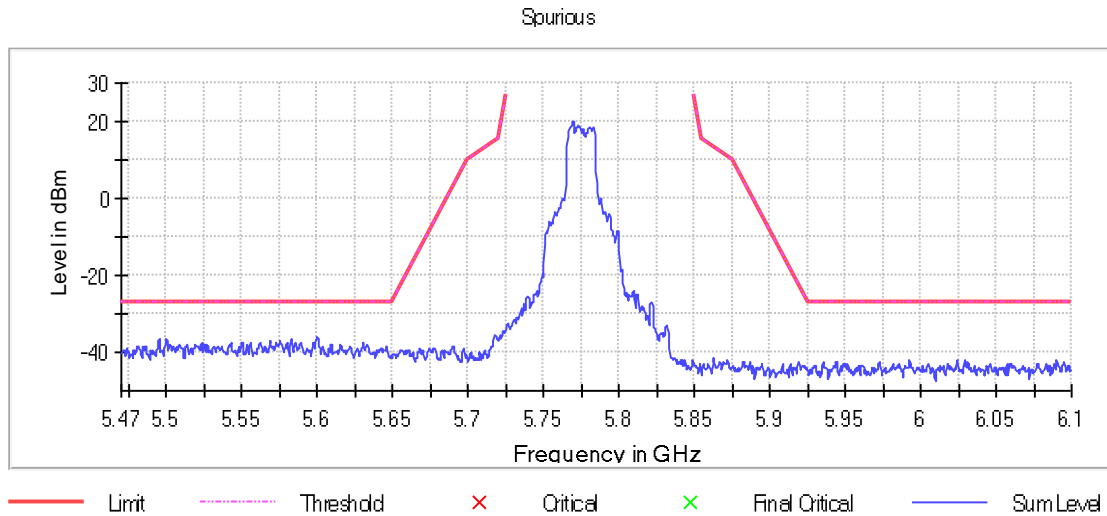
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5599.750000	-36.1	9.1	-27.0
5599.250000	-36.3	9.3	-27.0
5600.250000	-36.5	9.5	-27.0
5582.750000	-36.6	9.6	-27.0
5499.750000	-36.6	9.6	-27.0
5495.250000	-36.7	9.7	-27.0
5494.750000	-36.8	9.8	-27.0
5500.250000	-36.9	9.9	-27.0
5568.750000	-37.2	10.2	-27.0
5575.250000	-37.2	10.2	-27.0
5583.250000	-37.2	10.2	-27.0
5568.250000	-37.3	10.3	-27.0
5579.750000	-37.3	10.3	-27.0
5597.250000	-37.4	10.4	-27.0
5585.250000	-37.4	10.4	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2

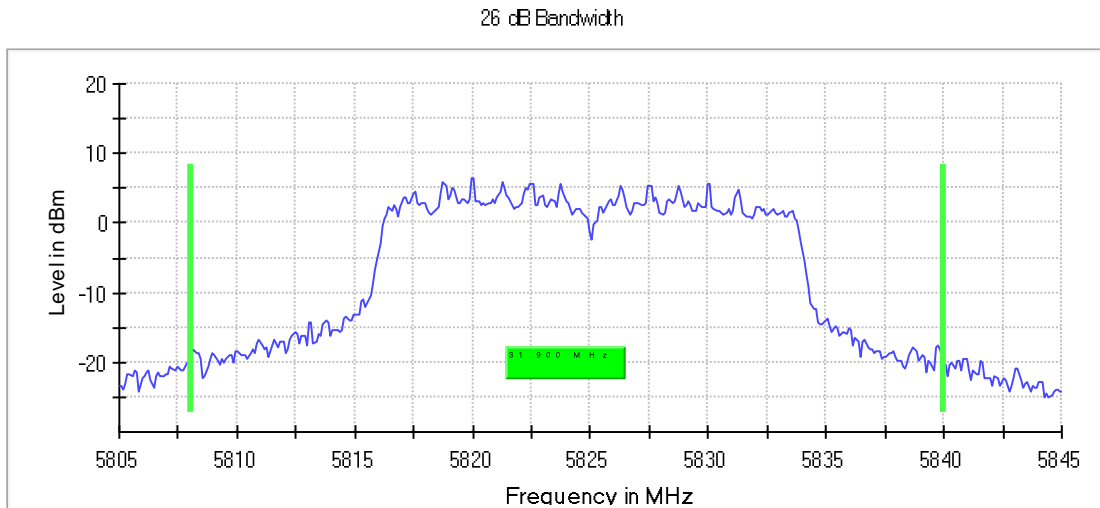


Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 20 MHz)

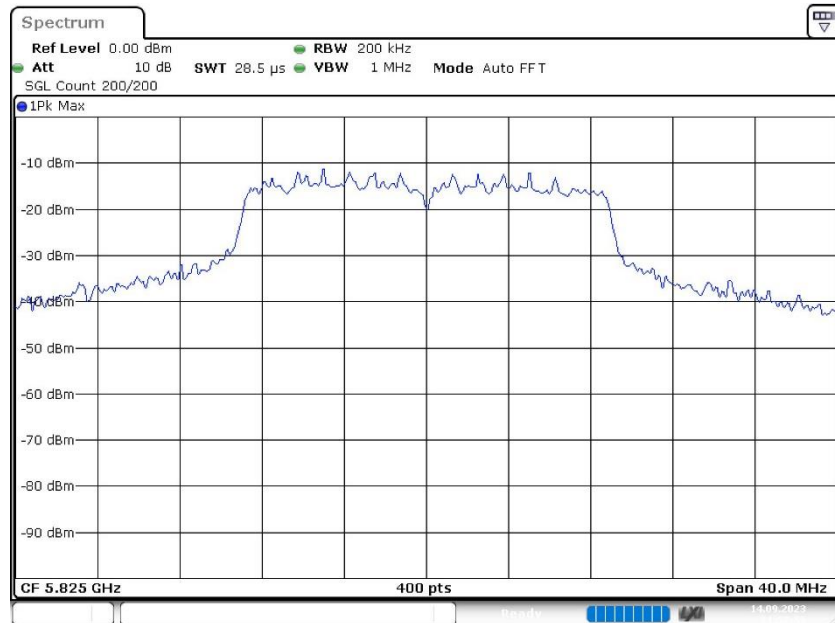
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	31.900000	---	---	5808.050000	5839.950000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	6.5	PASS



Bandwidth



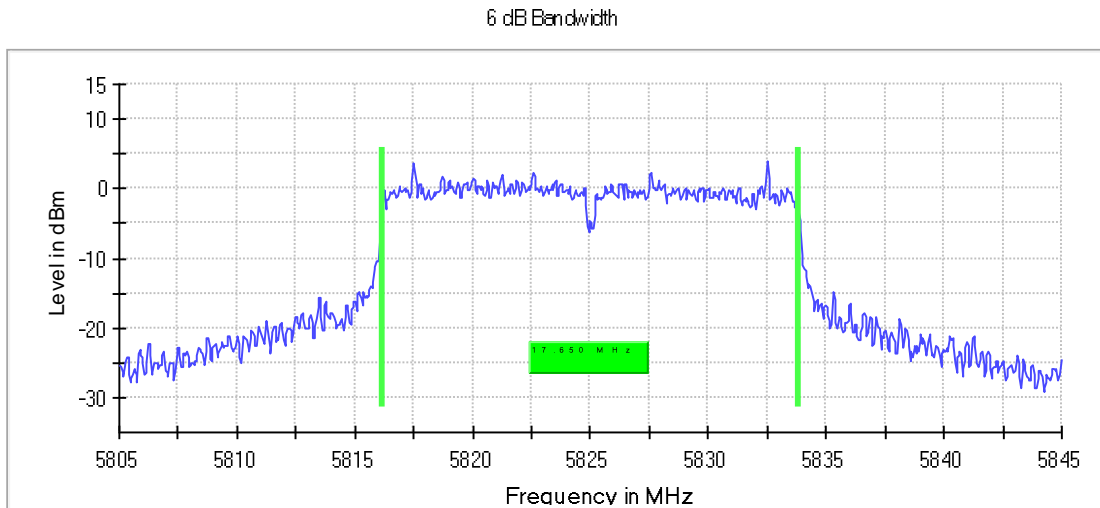
Date: 14.SEP.2023 21:58:00

Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 20 MHz)

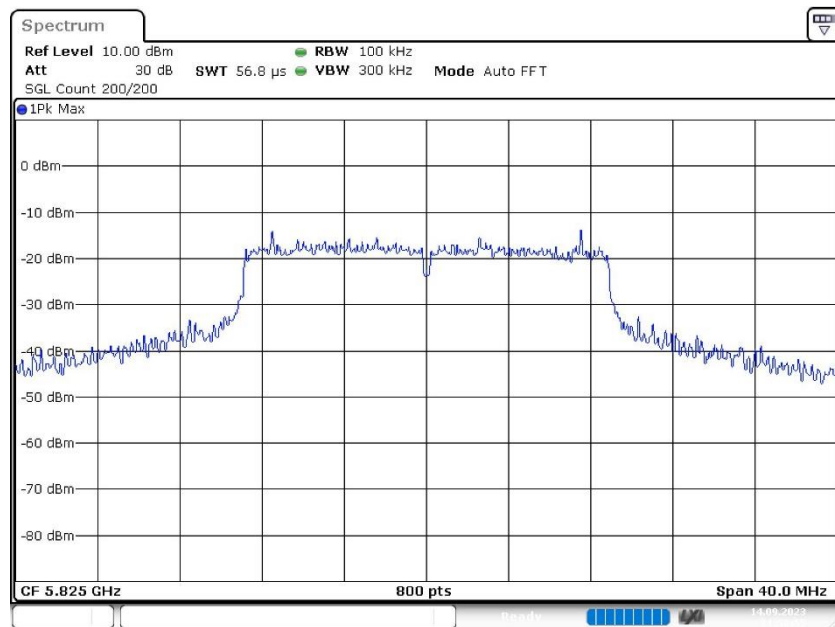
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	17.650000	0.500000	---	5816.175000	5833.825000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	4.0	PASS



Bandwidth



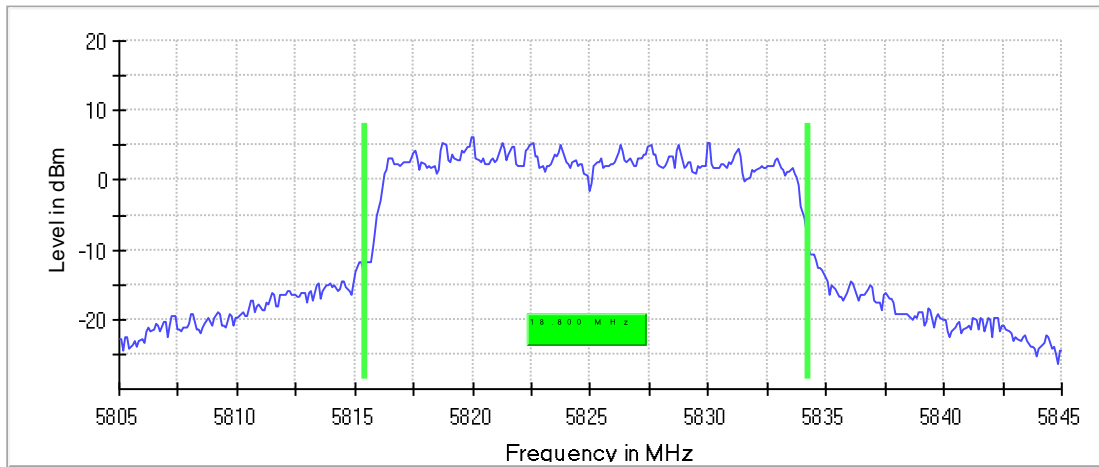
Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

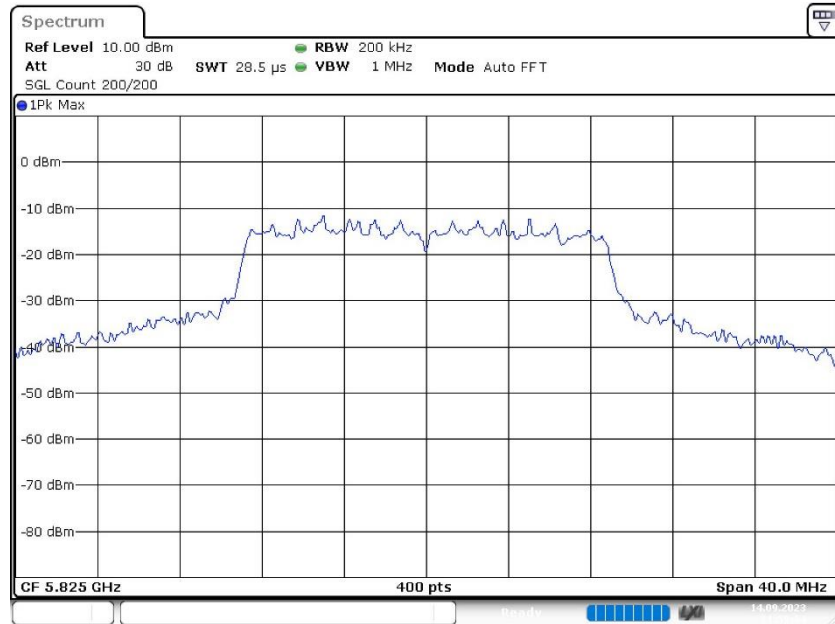
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	18.800000	---	---	5815.450000	5834.250000

DUT Frequency (MHz)	Result
5825.000000	PASS

99 % Bandwidth



Bandwidth



Tx Spurious Emission (5825 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Final measurements

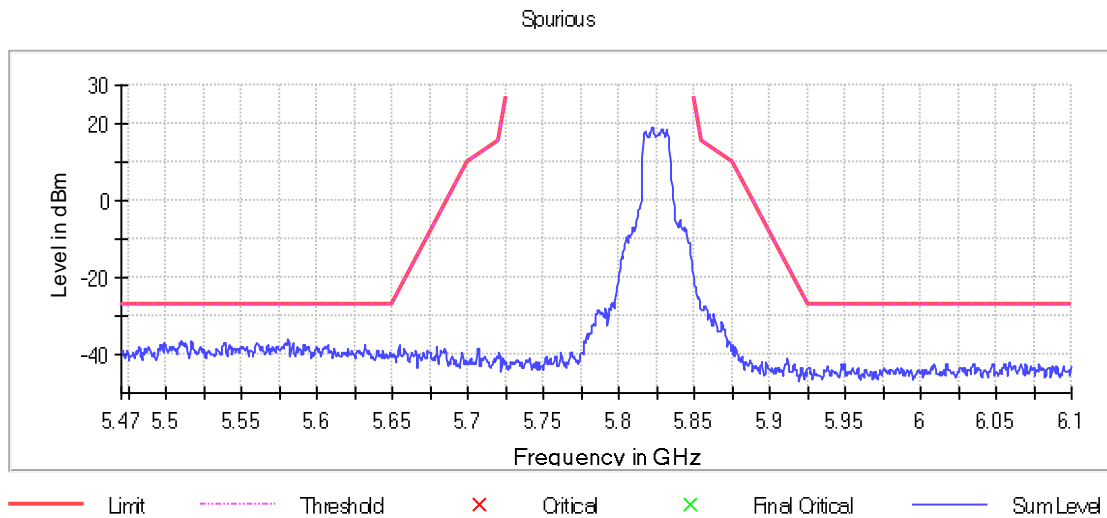
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5580.750000	-35.8	8.8	-27.0
5580.250000	-36.0	9.0	-27.0
5509.750000	-36.5	9.5	-27.0
5516.750000	-36.7	9.7	-27.0
5578.750000	-36.8	9.8	-27.0
5559.750000	-37.0	10.0	-27.0
5538.250000	-37.0	10.0	-27.0
5498.750000	-37.0	10.0	-27.0
5559.250000	-37.0	10.0	-27.0
5512.750000	-37.1	10.1	-27.0
5581.250000	-37.1	10.1	-27.0
5510.250000	-37.1	10.1	-27.0
5510.750000	-37.1	10.1	-27.0
5508.750000	-37.2	10.2	-27.0
5560.250000	-37.2	10.2	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2

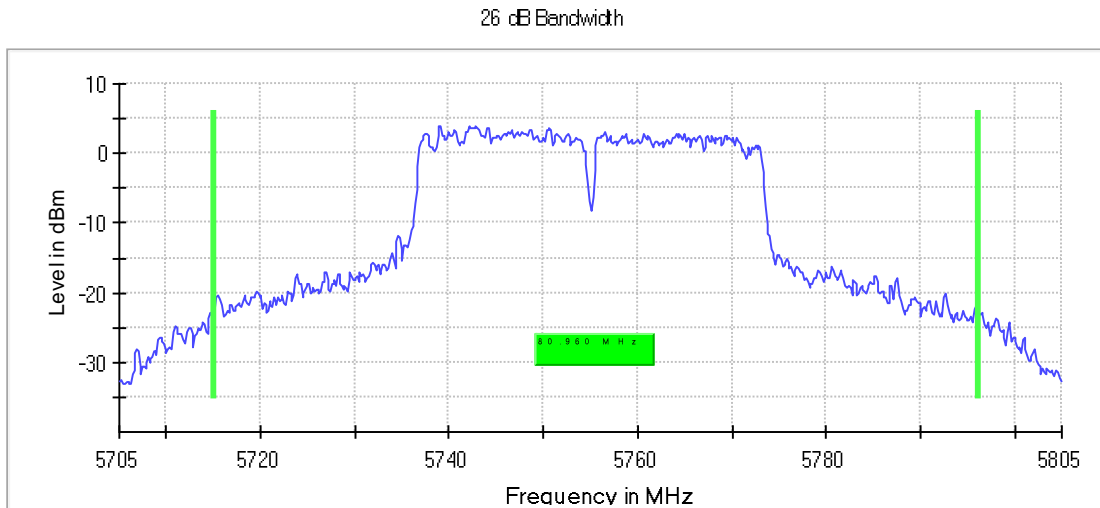


Emission Bandwidth 26 dB (5755 MHz; 24.000 dBm; 40 MHz)

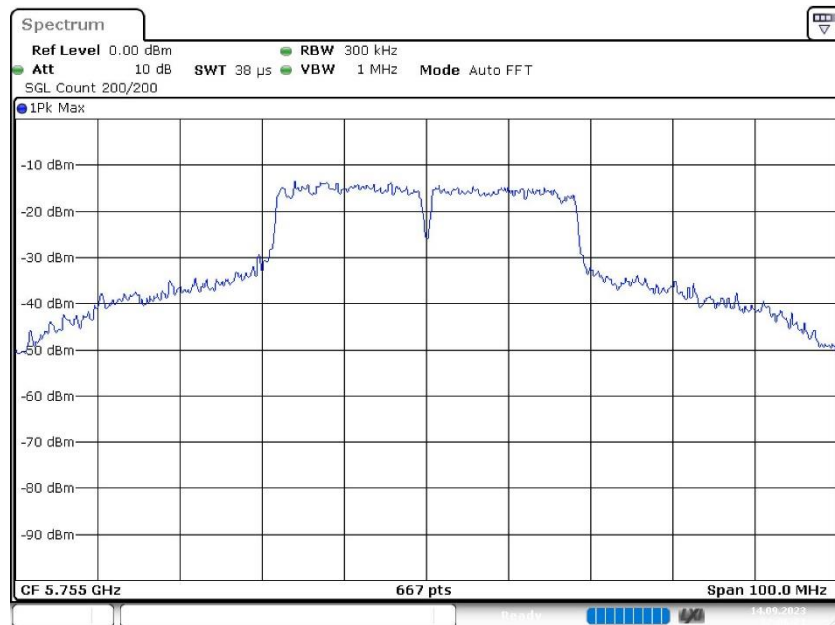
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	80.959520	---	---	5715.119940	5796.079460

DUT Frequency (MHz)	Max Level (dBm)	Result
5755.000000	4.0	PASS



Bandwidth



Date: 14.SEP.2023 22:06:21

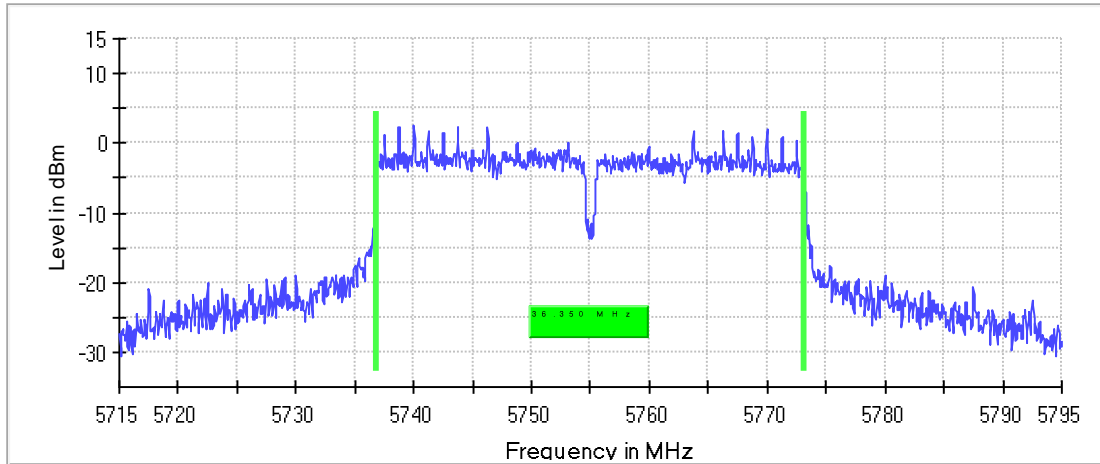
Minimum Emission Bandwidth 6 dB (5755 MHz; 24.000 dBm; 40 MHz)

6 dB Bandwidth

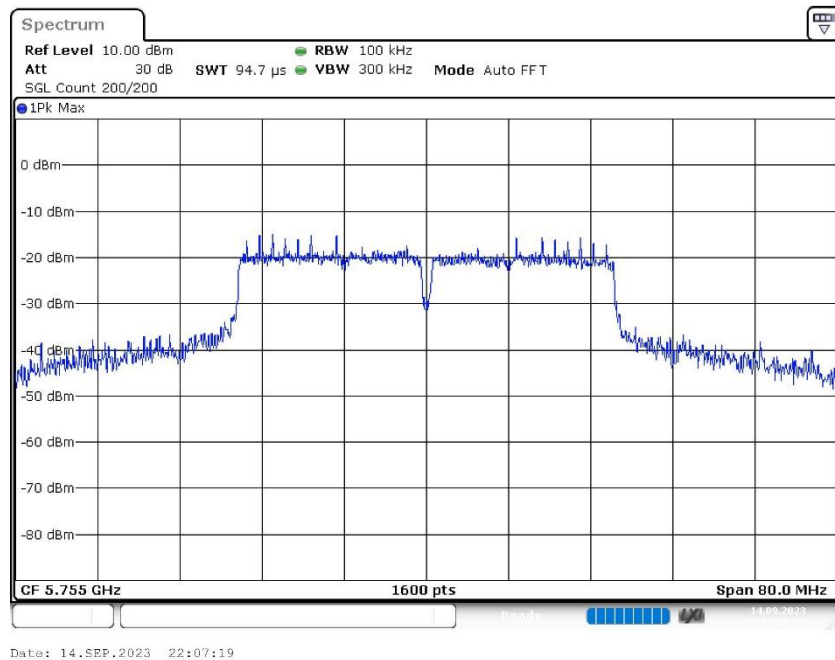
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	36.350000	0.500000	---	5736.825000	5773.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5755.000000	2.6	PASS

6 dB Bandwidth



Bandwidth



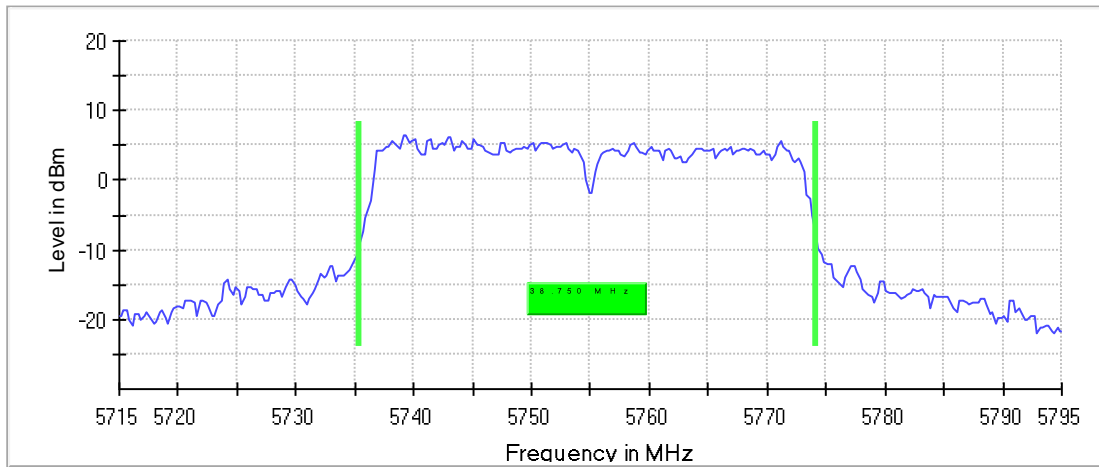
Occupied Channel Bandwidth 99% (5755 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

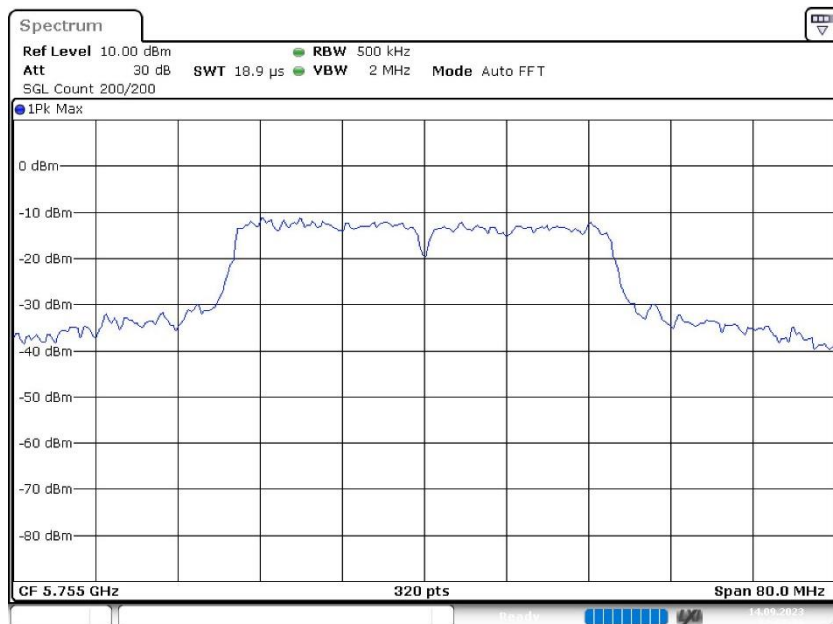
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	38.750000	---	---	5735.375000	5774.125000

DUT Frequency (MHz)	Result
5755.000000	PASS

99 %Bandwidth



Bandwidth



Tx Spurious Emission (5755 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5755.000000	PASS

Final measurements

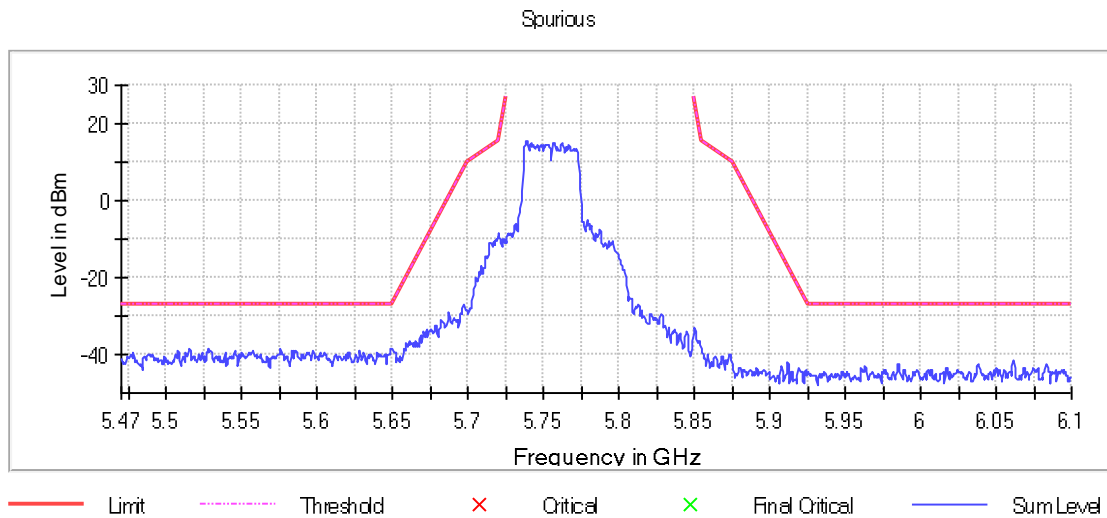
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5649.250000	-38.3	11.3	-27.0
5649.750000	-38.3	11.3	-27.0
5515.250000	-38.4	11.4	-27.0
5648.750000	-38.6	11.6	-27.0
5575.750000	-38.7	11.7	-27.0
5650.250000	-38.5	11.7	-26.8
5527.750000	-38.7	11.7	-27.0
5575.250000	-38.8	11.8	-27.0
5528.750000	-38.8	11.8	-27.0
5557.750000	-39.0	12.0	-27.0
5527.250000	-39.0	12.0	-27.0
5597.250000	-39.0	12.0	-27.0
5596.750000	-39.0	12.0	-27.0
5515.750000	-39.0	12.0	-27.0
5514.750000	-39.0	12.0	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2

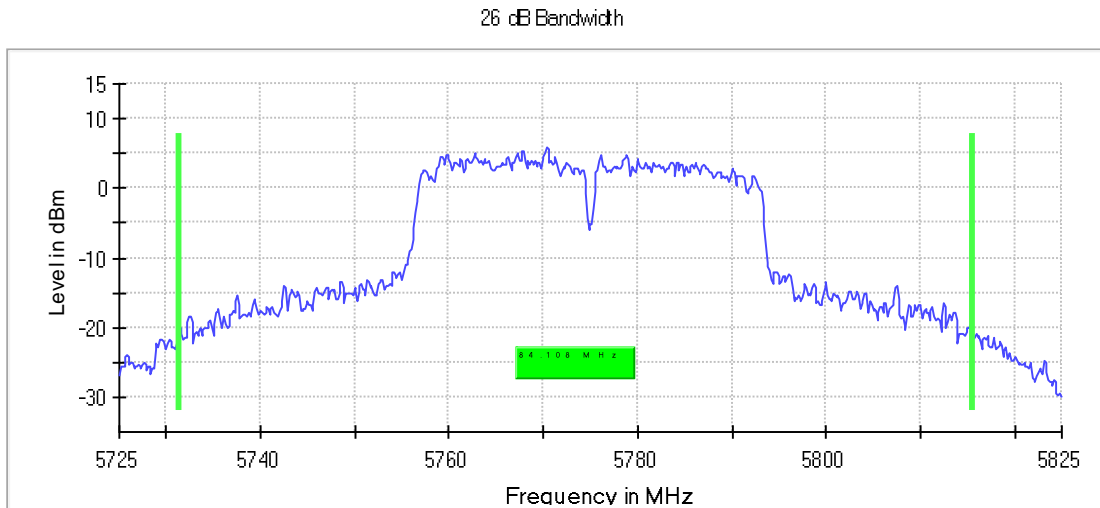


Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 40 MHz)

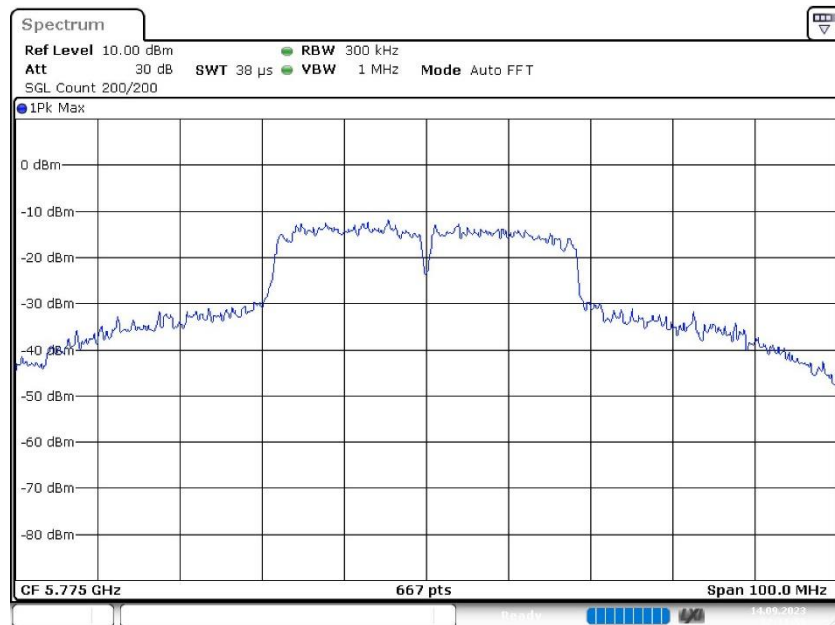
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	84.107946	---	---	5731.371814	5815.479760

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	5.9	PASS



Bandwidth

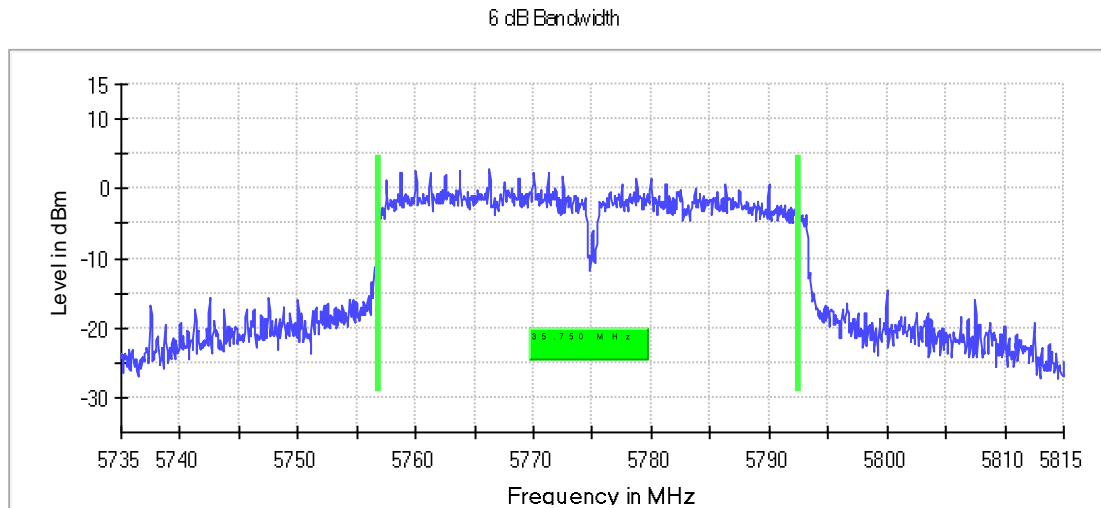


Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 40 MHz)

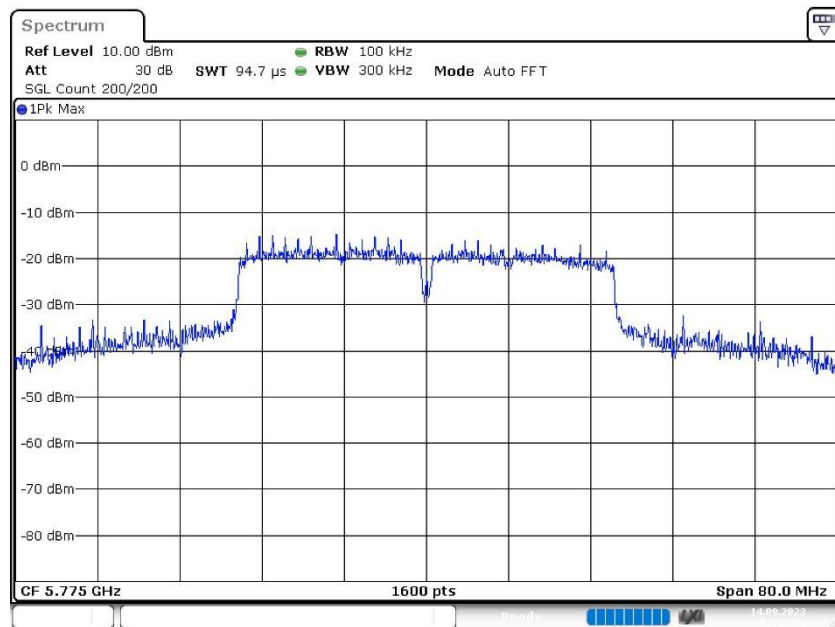
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	35.750000	0.500000	---	5756.825000	5792.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	2.9	PASS



Bandwidth



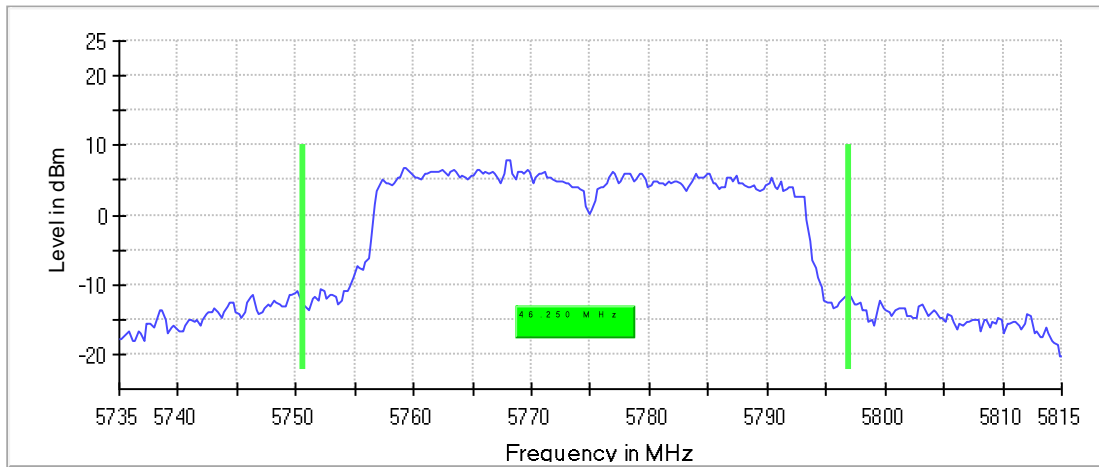
Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

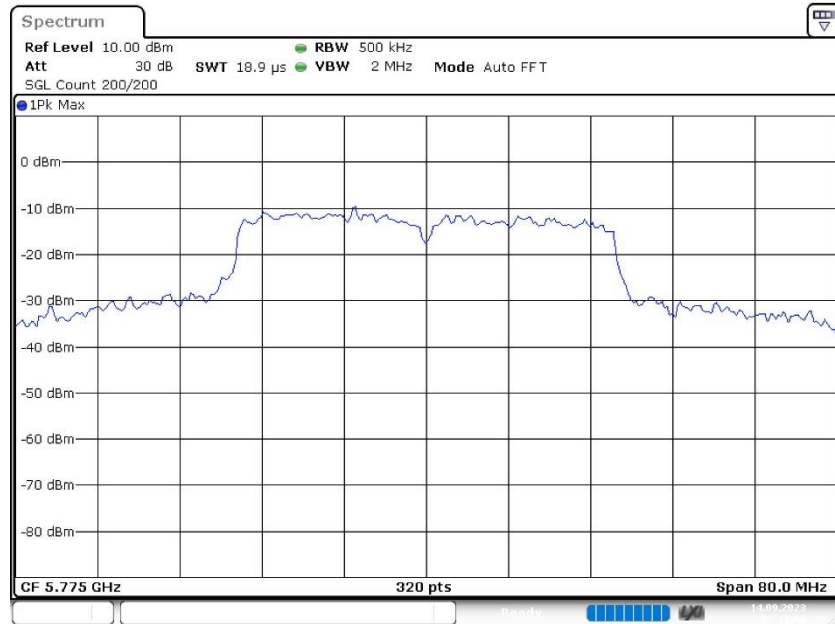
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	46.250000	---	---	5750.625000	5796.875000

DUT Frequency (MHz)	Result
5775.000000	PASS

99 % Bandwidth



Bandwidth



Date: 14.SEP.2023 22:13:05

Tx Spurious Emission (5775 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

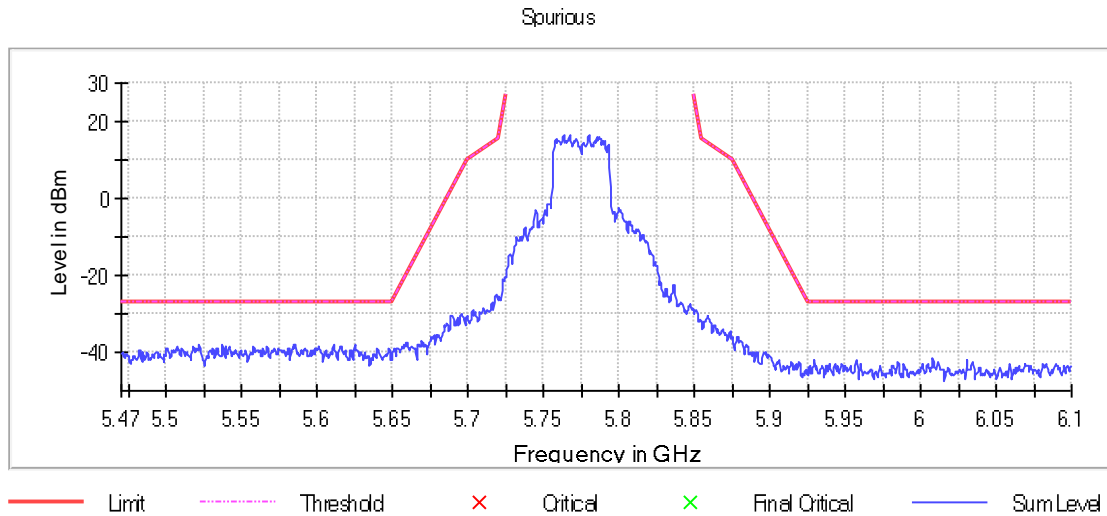
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5625.250000	-37.8	10.8	-27.0
5624.750000	-37.9	10.9	-27.0
5584.750000	-37.9	10.9	-27.0
5537.250000	-38.0	11.0	-27.0
5585.250000	-38.2	11.2	-27.0
5610.750000	-38.2	11.2	-27.0
5521.750000	-38.2	11.2	-27.0
5541.750000	-38.3	11.3	-27.0
5615.250000	-38.4	11.4	-27.0
5506.750000	-38.5	11.5	-27.0
5585.750000	-38.6	11.6	-27.0
5600.750000	-38.6	11.6	-27.0
5536.750000	-38.6	11.6	-27.0
5566.750000	-38.6	11.6	-27.0
5557.750000	-38.6	11.6	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



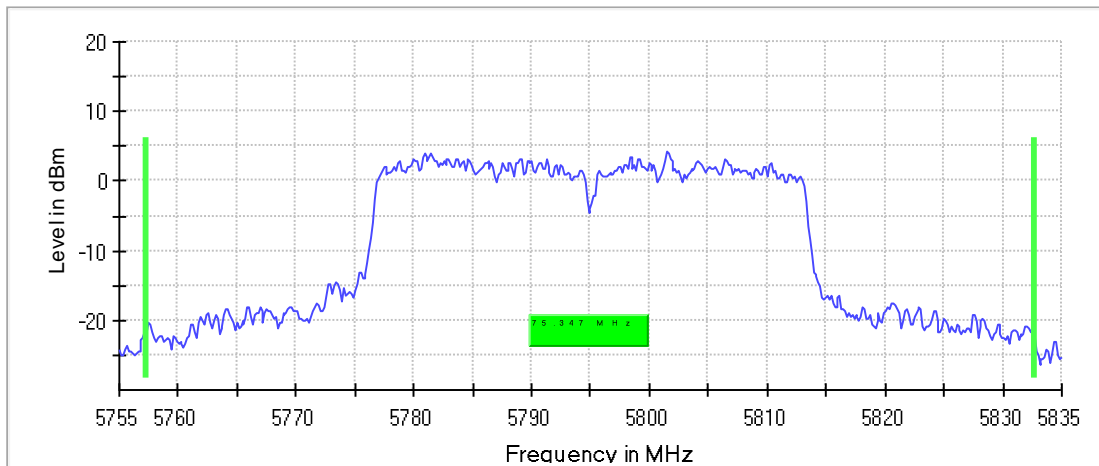
Emission Bandwidth 26 dB (5795 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

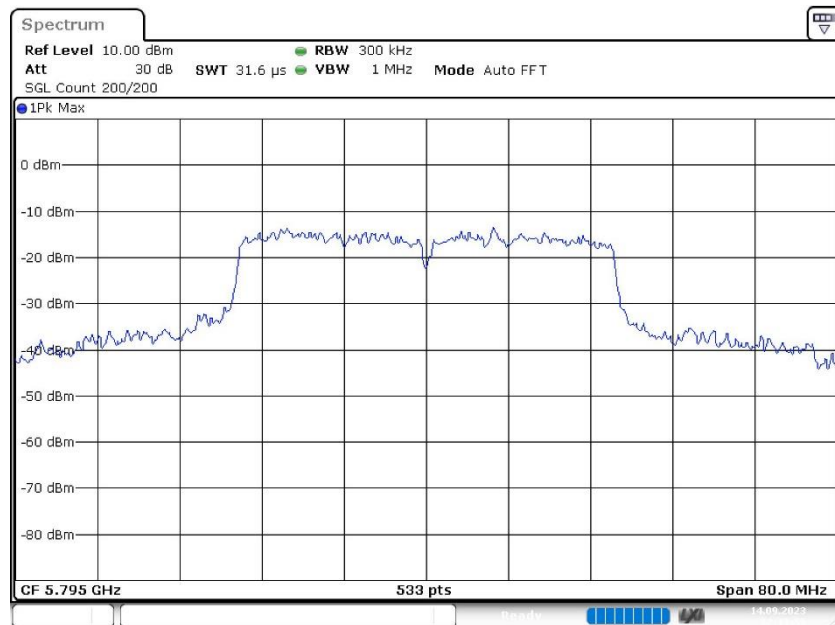
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	75.347092	---	---	5757.326454	5832.673546

DUT Frequency (MHz)	Max Level (dBm)	Result
5795.000000	4.2	PASS

26 dB Bandwidth



Bandwidth



Date: 14.SEP.2023 22:13:59

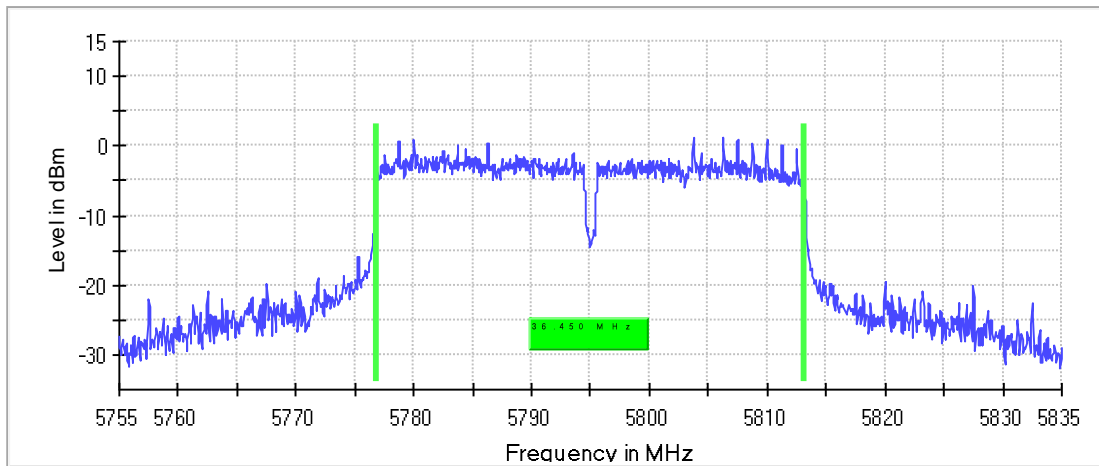
Minimum Emission Bandwidth 6 dB (5795 MHz; 24.000 dBm; 40 MHz)

6 dB Bandwidth

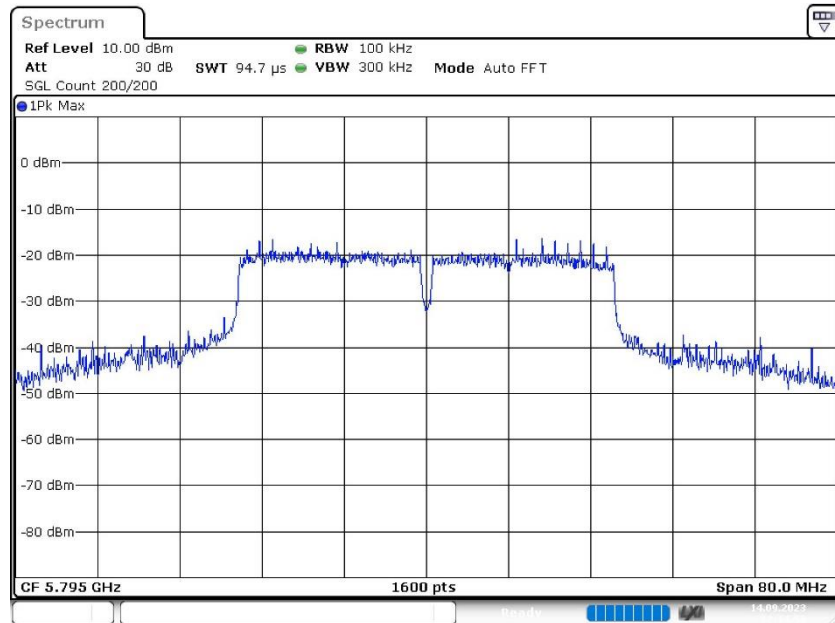
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	36.450000	0.500000	---	5776.775000	5813.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5795.000000	1.2	PASS

6 dB Bandwidth



Bandwidth



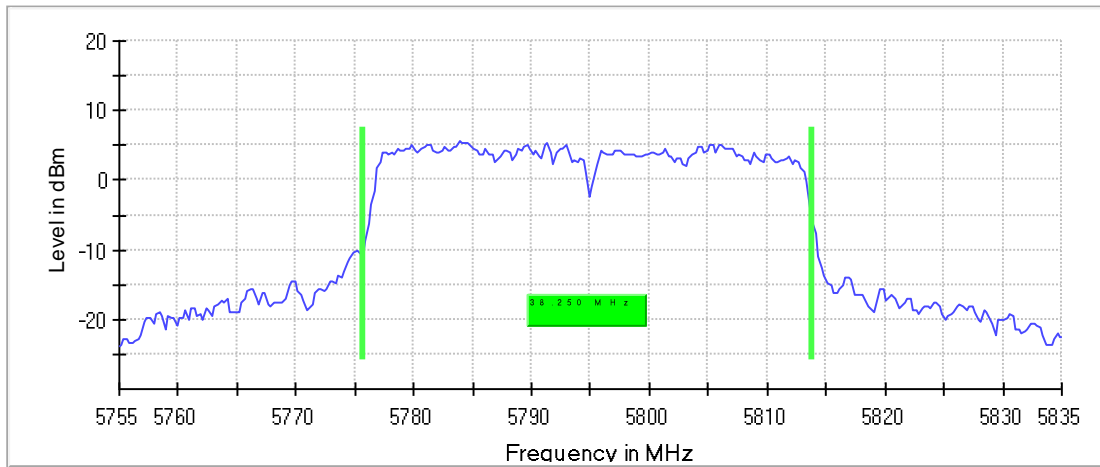
Occupied Channel Bandwidth 99% (5795 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

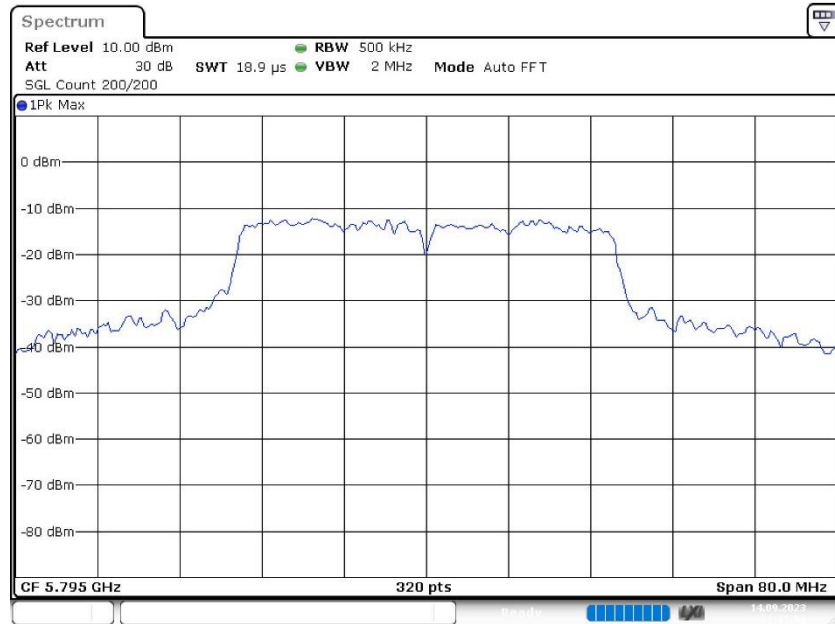
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	38.250000	---	---	5775.625000	5813.875000

DUT Frequency (MHz)	Result
5795.000000	PASS

99 %Bandwidth



Bandwidth



Date: 14.SEP.2023 22:15:06

Tx Spurious Emission (5795 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5795.000000	PASS

Final measurements

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

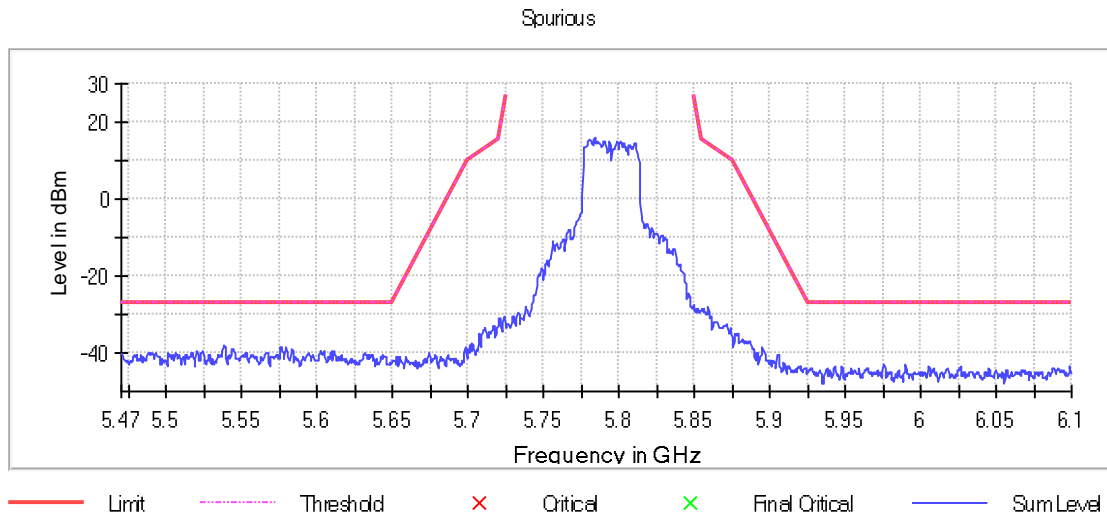
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5538.250000	-38.0	11.0	-27.0
5537.750000	-38.5	11.5	-27.0
5576.250000	-38.5	11.5	-27.0
5575.750000	-38.6	11.6	-27.0
5579.250000	-38.6	11.6	-27.0
5538.750000	-38.7	11.7	-27.0
5578.750000	-38.8	11.8	-27.0
5544.250000	-39.2	12.2	-27.0
5583.250000	-39.2	12.2	-27.0
5543.750000	-39.2	12.2	-27.0
5544.750000	-39.3	12.3	-27.0
5537.250000	-39.4	12.4	-27.0
5609.250000	-39.5	12.5	-27.0
5604.250000	-39.5	12.5	-27.0

5520.250000	-39.6	12.6	-27.0
-------------	-------	------	-------

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2

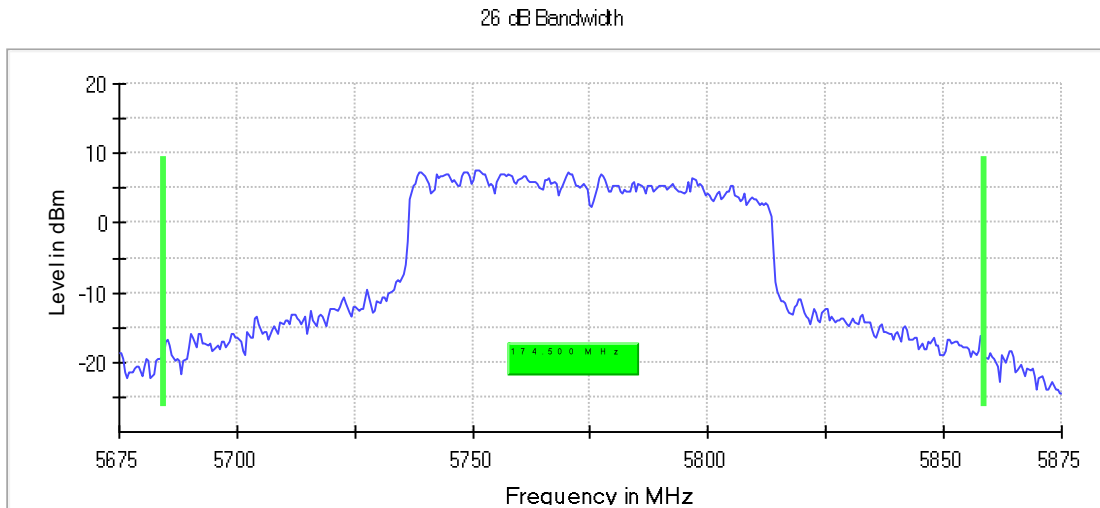


Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 80 MHz)

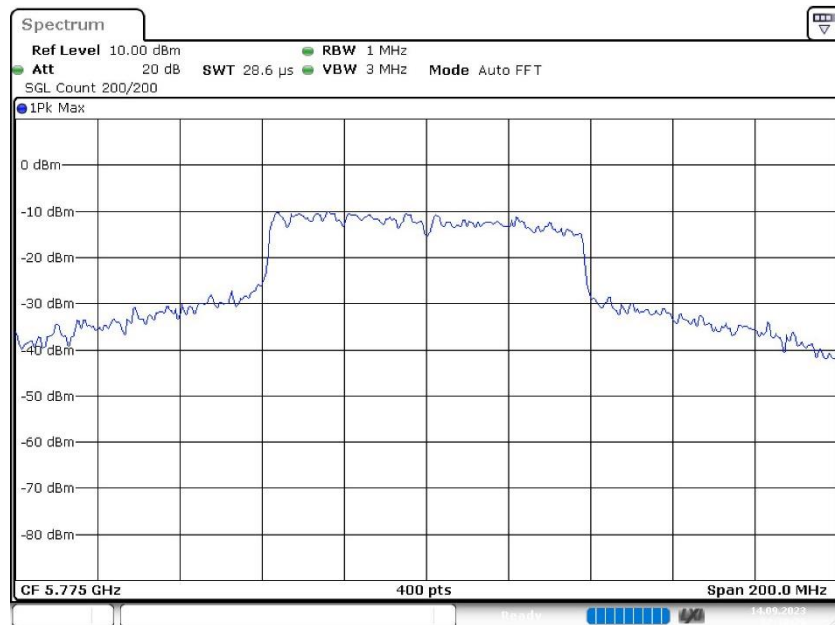
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	174.500000	---	---	5684.250000	5858.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	7.6	PASS



Bandwidth



Date: 14.SEP.2023 22:18:28

Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 80 MHz)

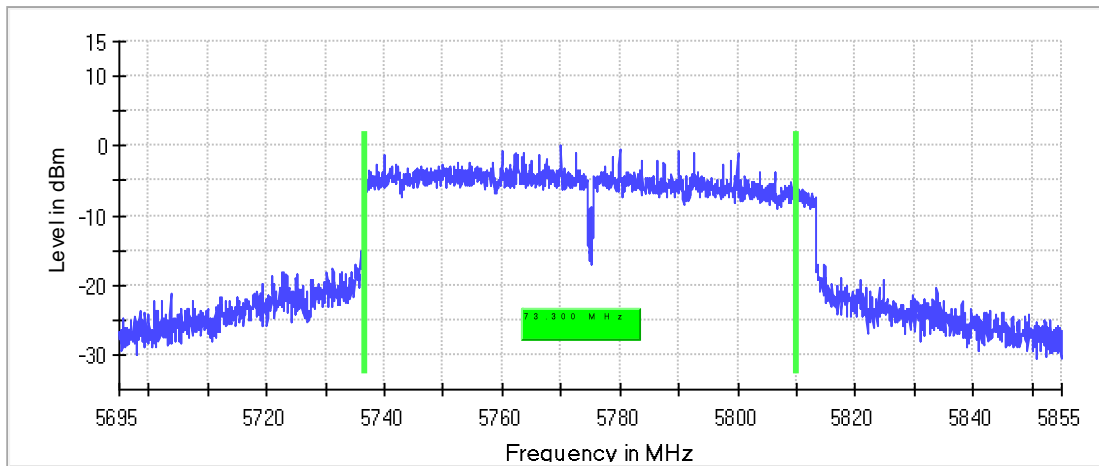
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	73.300000	0.500000	---	5736.775000	5810.075000

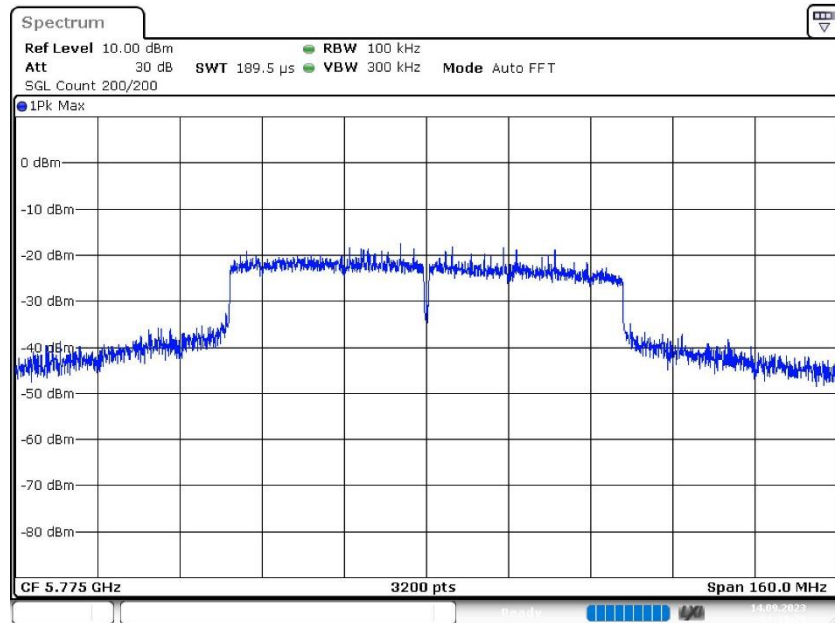
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	0.1	PASS

6 dB Bandwidth



Bandwidth



Date: 14.SEP.2023 22:19:29

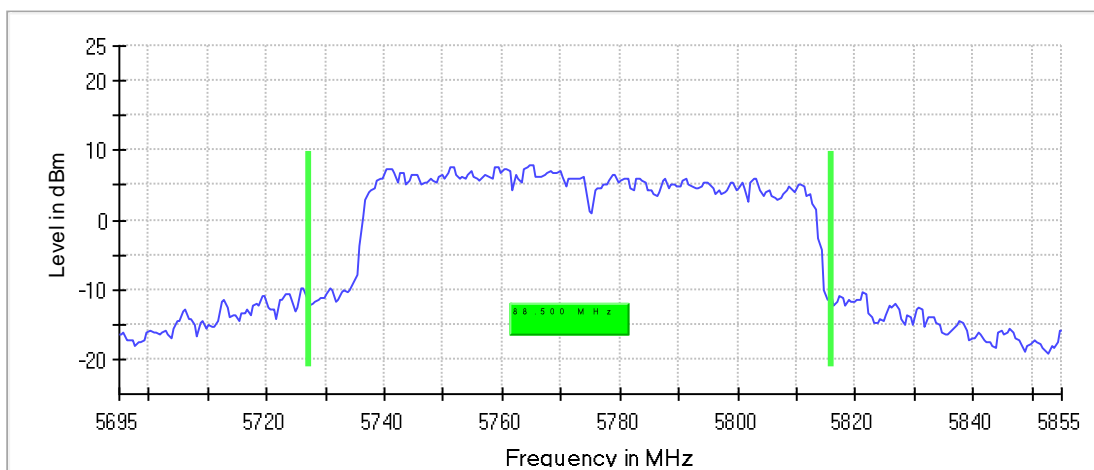
Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

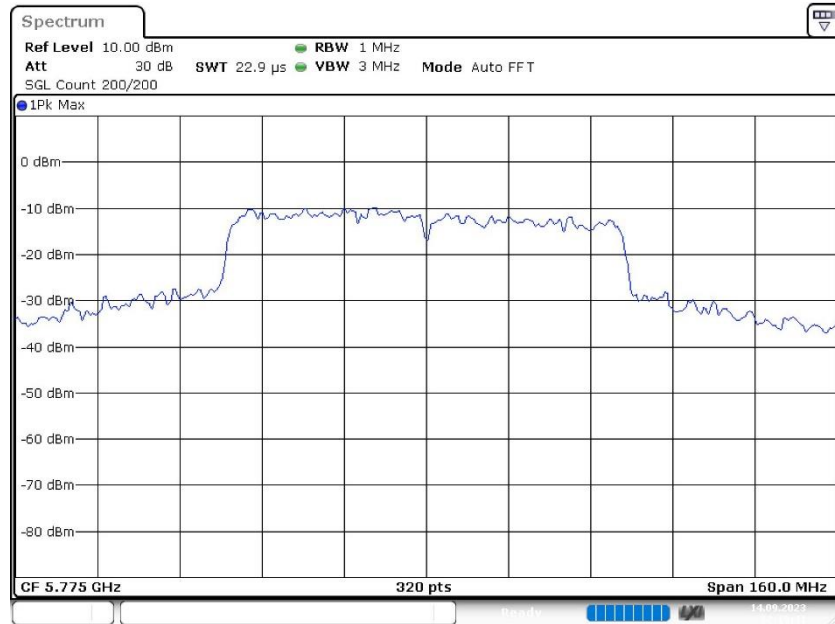
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	88.500000	---	---	5727.250000	5815.750000

DUT Frequency (MHz)	Result
5775.000000	PASS

99 % Bandwidth



Bandwidth



Date: 14.SEP.2023 22:19:40

Tx Spurious Emission (5775 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

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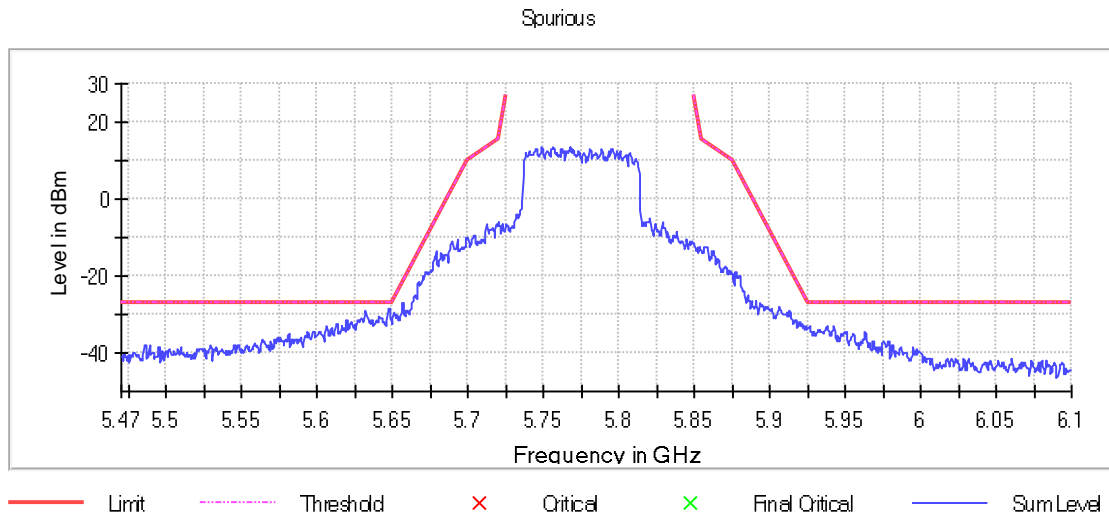
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5647.250000	-28.5	1.5	-27.0
5647.750000	-28.7	1.7	-27.0
5631.750000	-29.0	2.0	-27.0
5646.750000	-29.0	2.0	-27.0
5632.250000	-29.2	2.2	-27.0
5648.250000	-29.4	2.4	-27.0
5650.750000	-29.6	3.1	-26.4
5631.250000	-30.2	3.2	-27.0
5641.250000	-30.3	3.3	-27.0
5651.250000	-29.4	3.4	-26.1
5633.250000	-30.6	3.6	-27.0
5632.750000	-30.6	3.6	-27.0
5640.750000	-30.7	3.7	-27.0
5642.250000	-30.9	3.9	-27.0

5650.250000	-30.9	4.0	-26.8
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Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2



-- End of Report --