



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-WAVEPC
ISED ID	6545A-WAVEPC
Equipment Under Test	Wave-Pico
Test Report Serial Number	TR8606_01
Date of Test	19 October 2023
Report Issue Date	3 November 2023

Test Personnel

Testing performed by	Evan Hartzell
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Test Location

Testing was performed at the Unified Compliance Laboratory located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 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 Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5740.000	24.0	20.000000	PASS
RF output power	5740.000	24.0	20.000000	PASS
Power Spectral Density	5740.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5740.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5740.000	24.0	20.000000	PASS
Tx Spurious Emission	5740.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5790.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5790.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	24.0	20.000000	PASS
Tx Spurious Emission	5790.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5835.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5835.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5835.000	24.0	20.000000	PASS
Tx Spurious Emission	5835.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5750.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5750.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5750.000	24.0	40.000000	PASS
Tx Spurious Emission	5750.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5790.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5790.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	24.0	40.000000	PASS
Tx Spurious Emission	5790.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5825.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5825.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5825.000	24.0	40.000000	PASS
Tx Spurious Emission	5825.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5770.000	24.0	80.000000	PASS
Minimum Emission Bandwidth 6 dB	5770.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5770.000	24.0	80.000000	PASS
Tx Spurious Emission	5770.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5790.000	24.0	80.000000	PASS
Minimum Emission Bandwidth 6 dB	5790.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	24.0	80.000000	PASS
Tx Spurious Emission	5790.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5805.000	24.0	80.000000	PASS
Minimum Emission Bandwidth 6 dB	5805.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5805.000	24.0	80.000000	PASS
Tx Spurious Emission	5805.000	24.0	80.000000	PASS

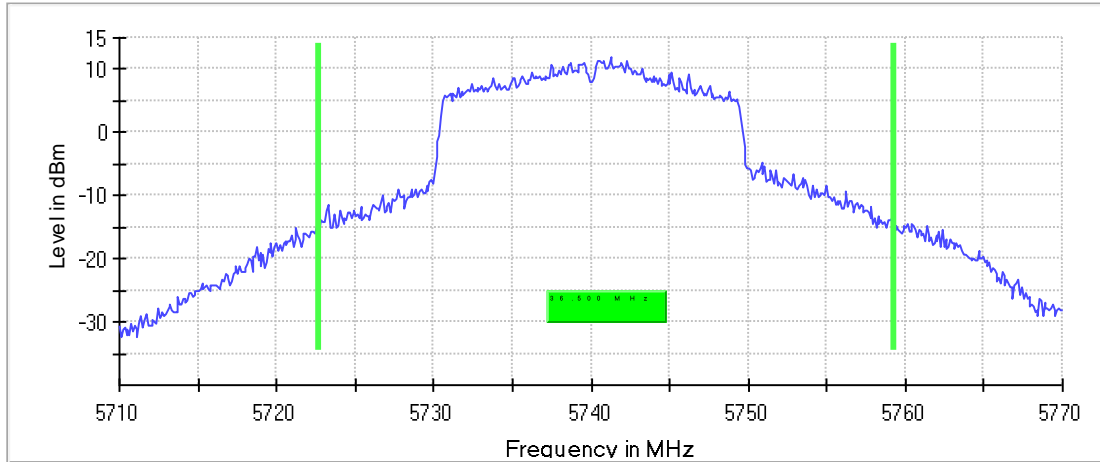
Emission Bandwidth 26 dB (5740 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

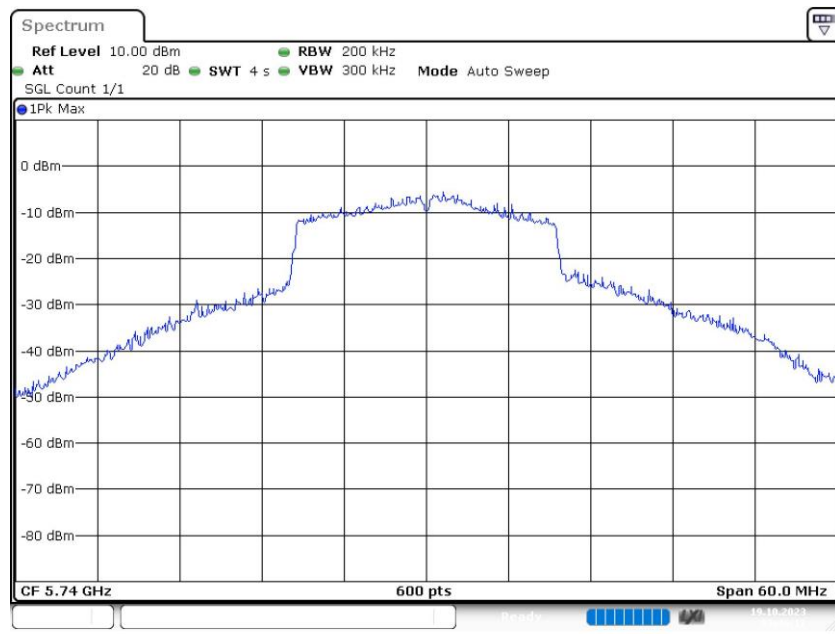
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	36.500000	---	---	5722.750000	5759.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5740.000000	11.9	PASS

26 dB Bandwidth



Bandwidth



Date: 19.OCT.2023 03:46:12

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71000 GHz	5.71000 GHz
Stop Frequency	5.77000 GHz	5.77000 GHz
Span	60.000 MHz	60.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	300.000 kHz	>= 240.000 kHz

SweepPoints	600	~ 600
SweepTime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

RF output power (5740 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5740.000000	23.5	30.0	23.5	92.698	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 (5740 MHz; 24.000 dBm; 20 MHz)

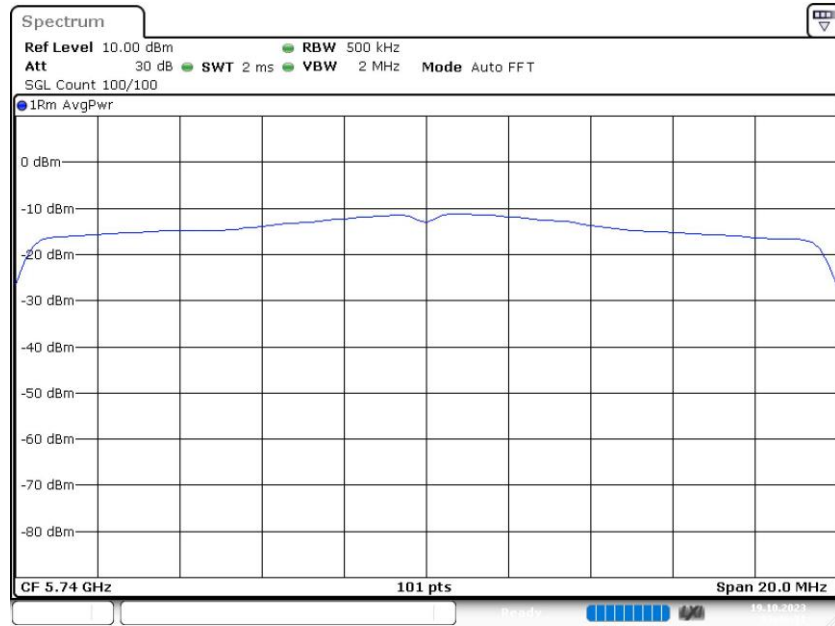
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5740.000000	5740.594059	8.937	30.0	PASS

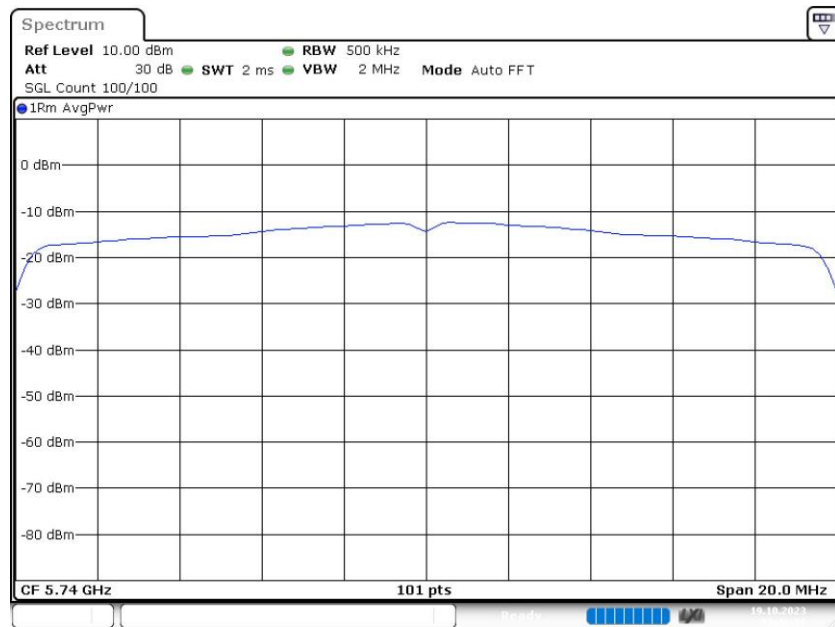
Ports

Port	State
1	used
2	used

PSD Connector 1



PSD Connector 2



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.73000 GHz	5.73000 GHz
Stop Frequency	5.75000 GHz	5.75000 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

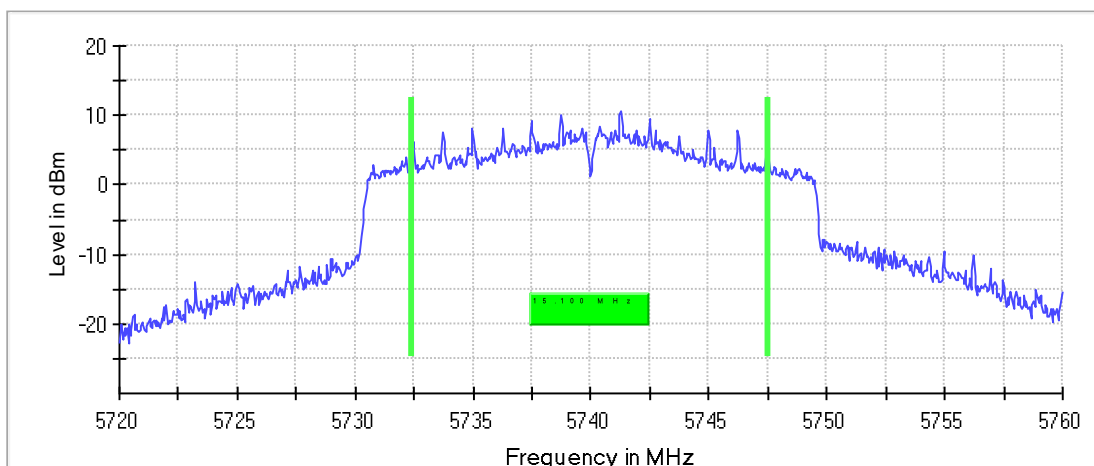
Minimum Emission Bandwidth 6 dB (5740 MHz; 24.000 dBm; 20 MHz)

6 dB Bandwidth

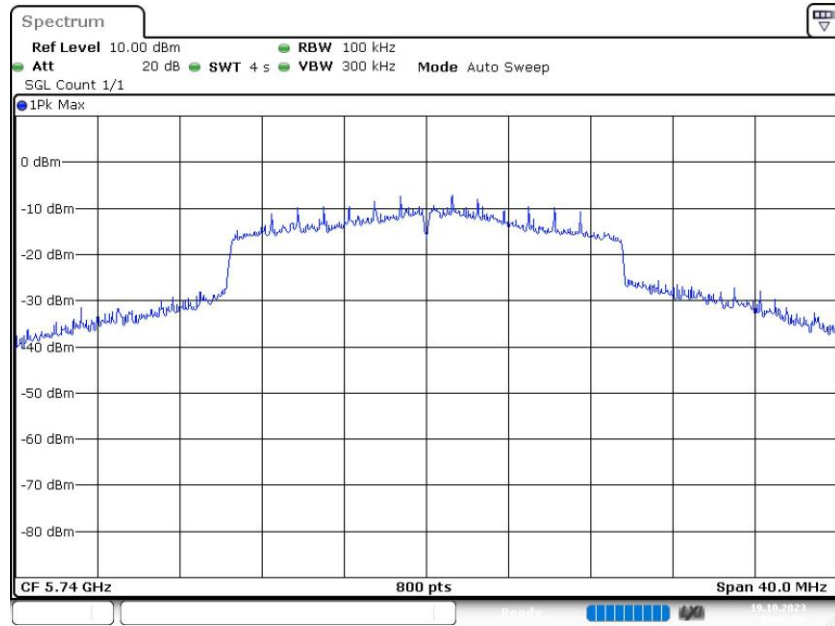
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	15.100000	0.500000	---	5732.425000	5747.525000

DUT Frequency (MHz)	Max Level (dBm)	Result
5740.000000	10.5	PASS

6 dB Bandwidth



Bandwidth



Date: 19.OCT.2023 03:47:10

Measurement

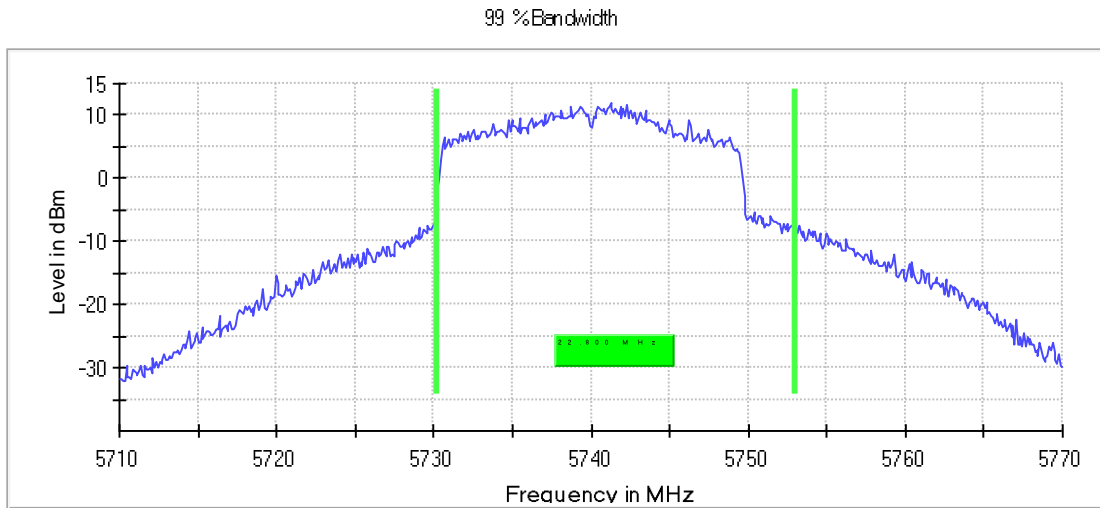
Setting	Instrument Value	Target Value
Start Frequency	5.72000 GHz	5.72000 GHz
Stop Frequency	5.76000 GHz	5.76000 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Occupied Channel Bandwidth 99% (5740 MHz; 24.000 dBm; 20 MHz)

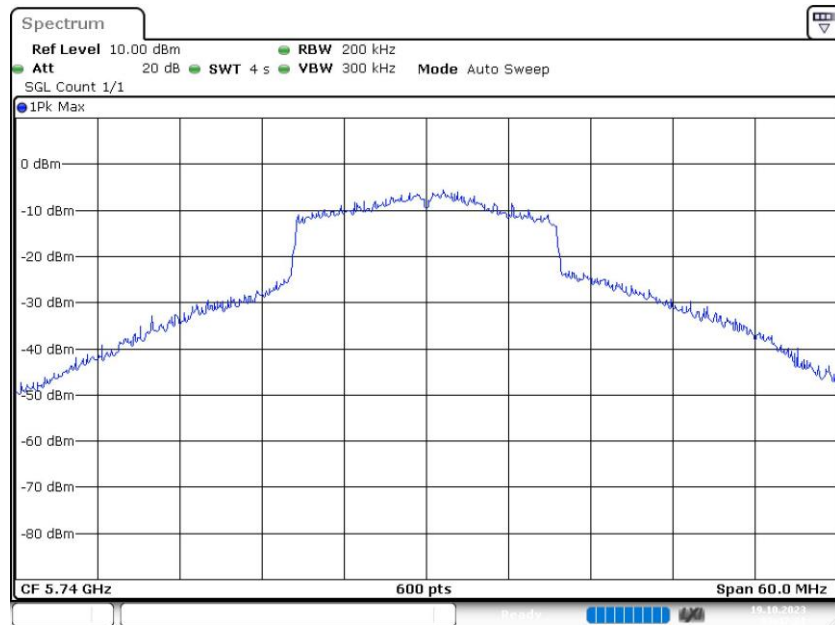
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	22.800000	---	---	5730.150000	5752.950000

DUT Frequency (MHz)	Result
5740.000000	PASS



Bandwidth



Date: 19.OCT.2023 03:47:21

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71000 GHz	5.71000 GHz
Stop Frequency	5.77000 GHz	5.77000 GHz
Span	60.000 MHz	60.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	300.000 kHz	>= 240.000 kHz
SweepPoints	600	~ 600

SweepTime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Tx Spurious Emission (5740 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5740.000000	PASS

Final measurements

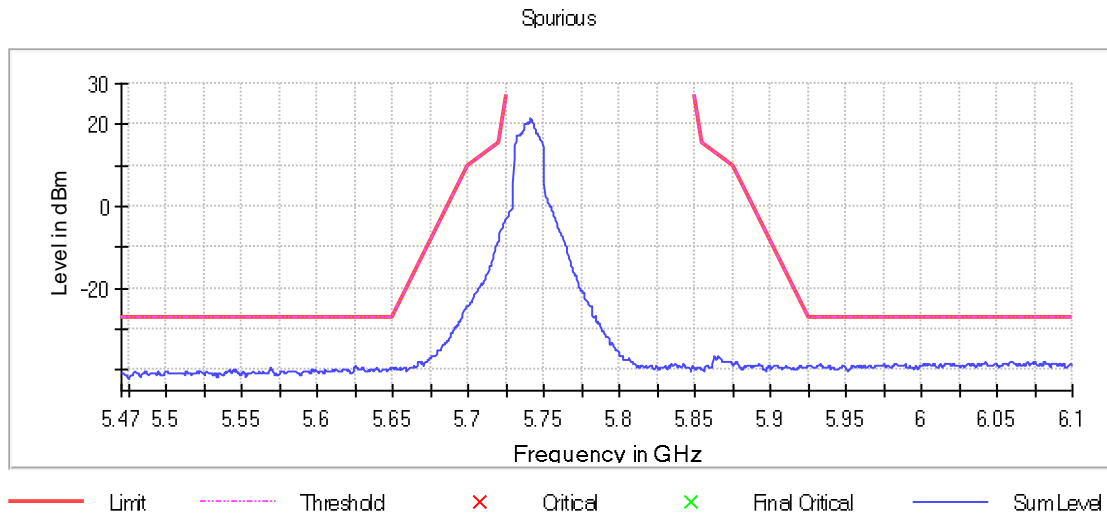
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
6075.250000	-37.8	10.8	-27.0
6075.750000	-37.9	10.9	-27.0
6070.250000	-37.9	10.9	-27.0
6081.750000	-38.0	11.0	-27.0
6074.750000	-38.0	11.0	-27.0
6060.250000	-38.1	11.1	-27.0
6060.750000	-38.1	11.1	-27.0
6073.750000	-38.2	11.2	-27.0
6059.750000	-38.2	11.2	-27.0
6058.750000	-38.2	11.2	-27.0
6059.250000	-38.2	11.2	-27.0
6042.750000	-38.2	11.2	-27.0
6081.250000	-38.2	11.2	-27.0
6070.750000	-38.2	11.2	-27.0
6086.750000	-38.2	11.2	-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	30.000 dB	30.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

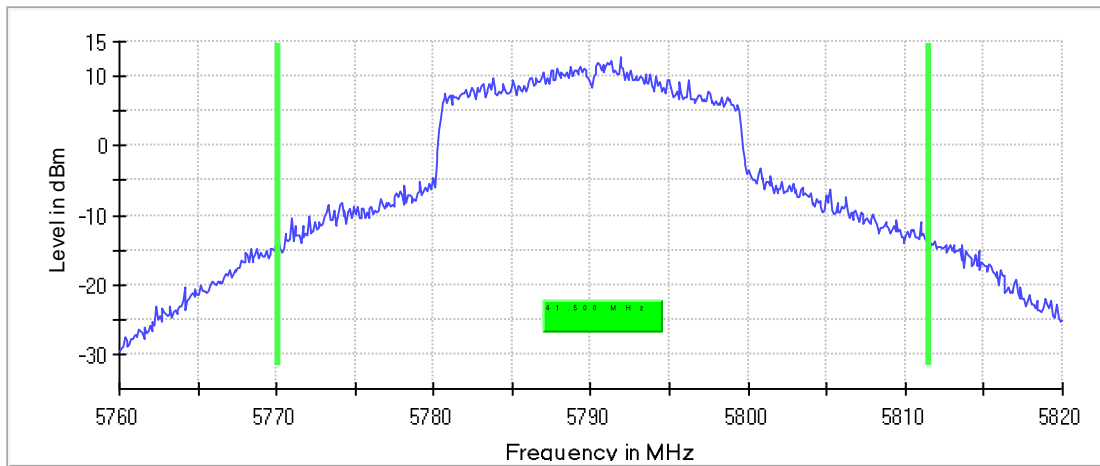
Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

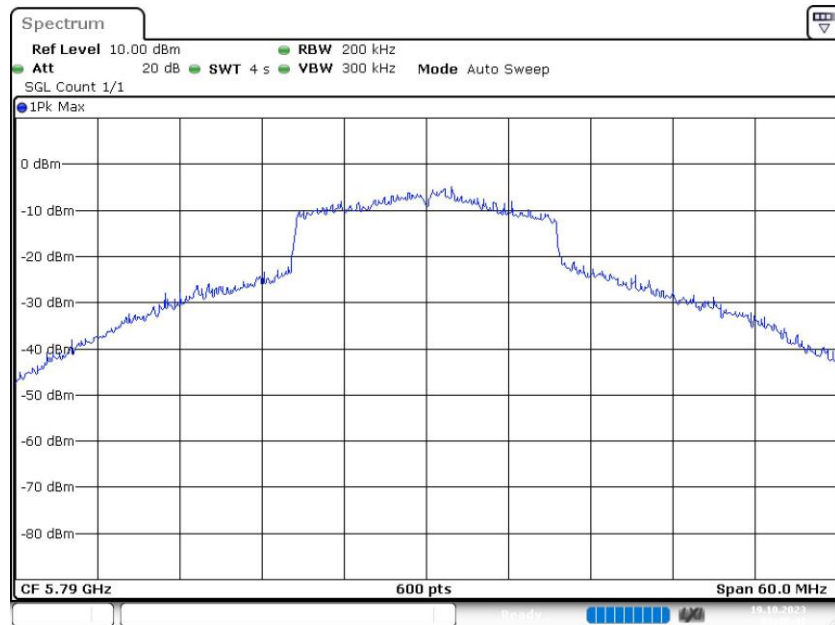
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	41.500000	---	---	5770.050000	5811.550000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	12.7	PASS

26 dB Bandwidth



Bandwidth



Date: 19.OCT.2023 03:48:41

Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 20 MHz)

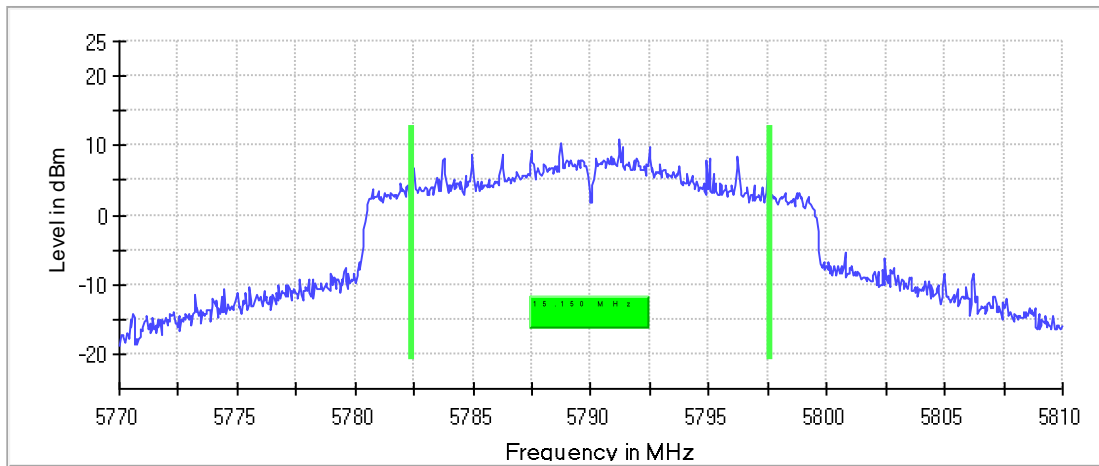
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	15.150000	0.500000	---	5782.425000	5797.575000

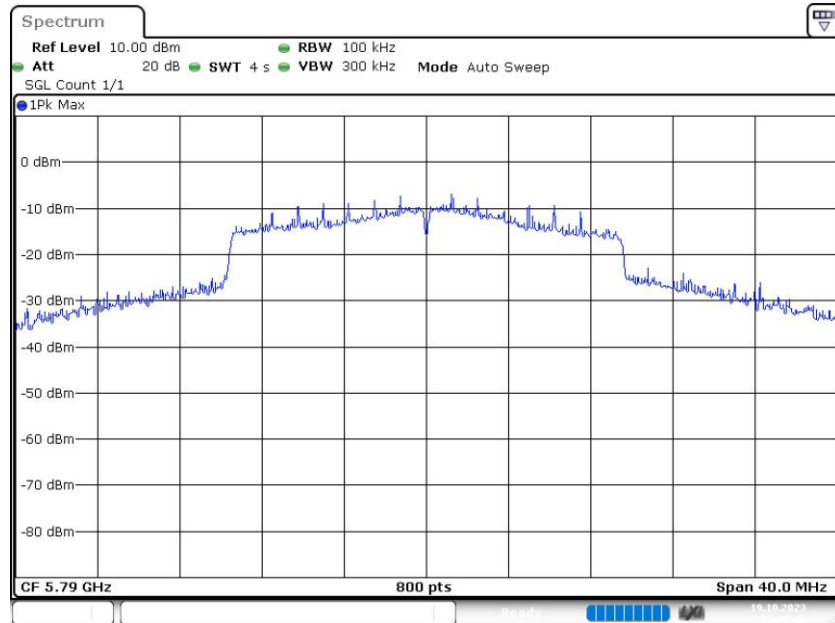
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	10.9	PASS

6 dB Bandwidth



Bandwidth



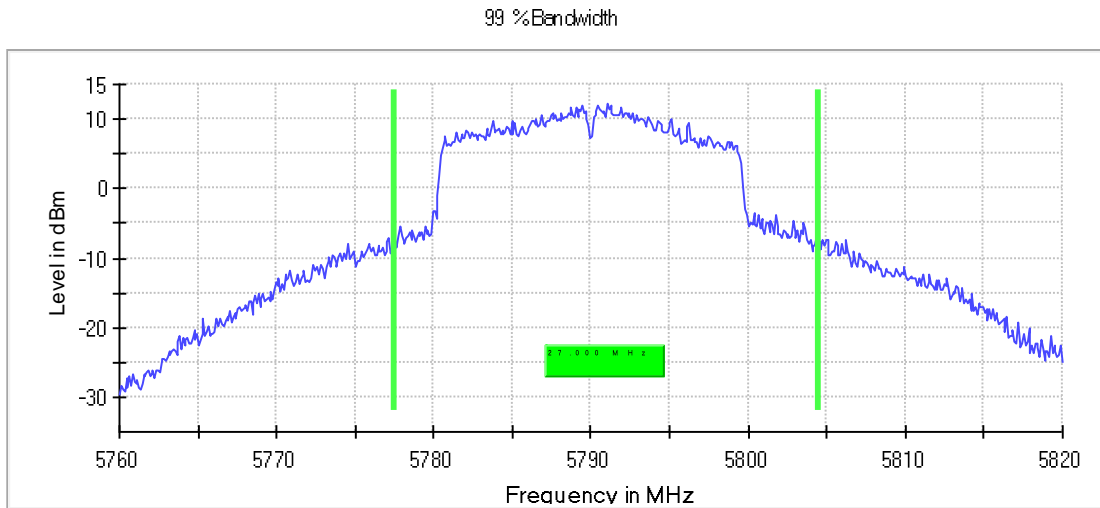
Date: 19.OCT.2023 03:49:41

Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 20 MHz)

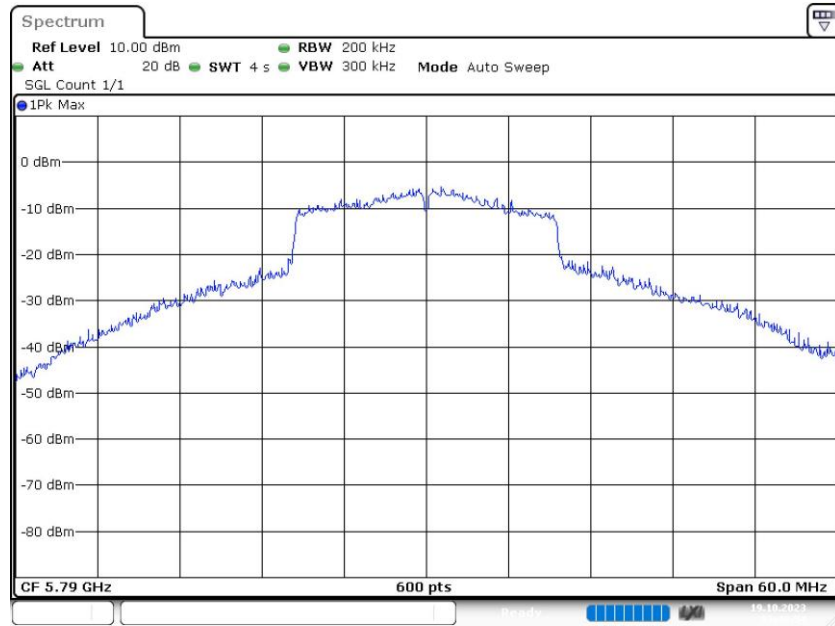
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	27.000000	---	---	5777.450000	5804.450000

DUT Frequency (MHz)	Result
5790.000000	PASS



Bandwidth



Date: 19.OCT.2023 03:49:54

Tx Spurious Emission (5790 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5790.000000	PASS

Final measurements

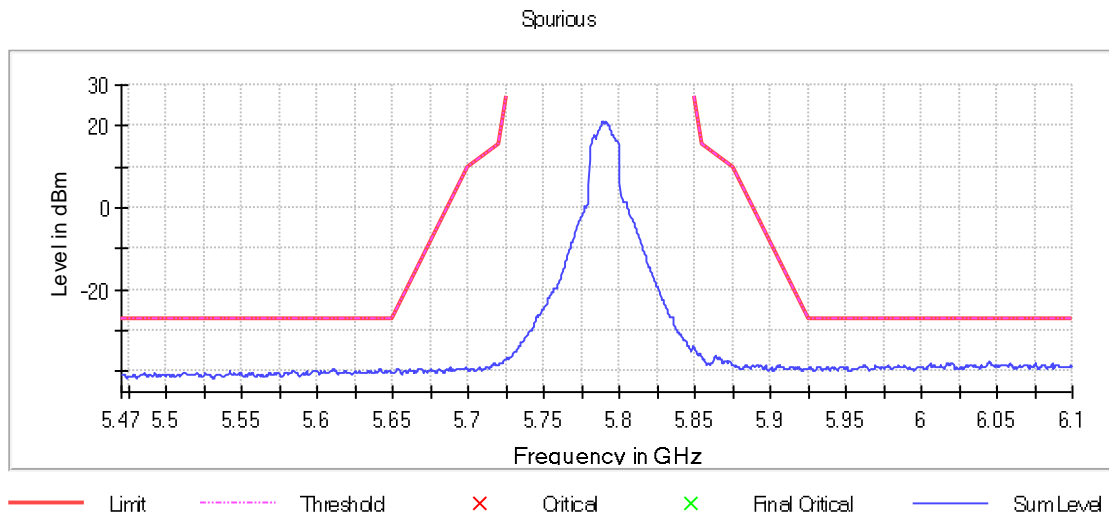
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
6044.750000	-37.6	10.6	-27.0
6045.250000	-37.7	10.7	-27.0
6020.250000	-37.8	10.8	-27.0
6044.250000	-37.8	10.8	-27.0
6017.250000	-37.8	10.8	-27.0
6020.750000	-37.9	10.9	-27.0
6045.750000	-38.0	11.0	-27.0
6016.750000	-38.1	11.1	-27.0
6017.750000	-38.1	11.1	-27.0
6058.750000	-38.1	11.1	-27.0
6019.750000	-38.2	11.2	-27.0
6075.750000	-38.2	11.2	-27.0
6005.750000	-38.2	11.2	-27.0
6086.750000	-38.2	11.2	-27.0
6043.750000	-38.2	11.2	-27.0

Measurement Settings

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



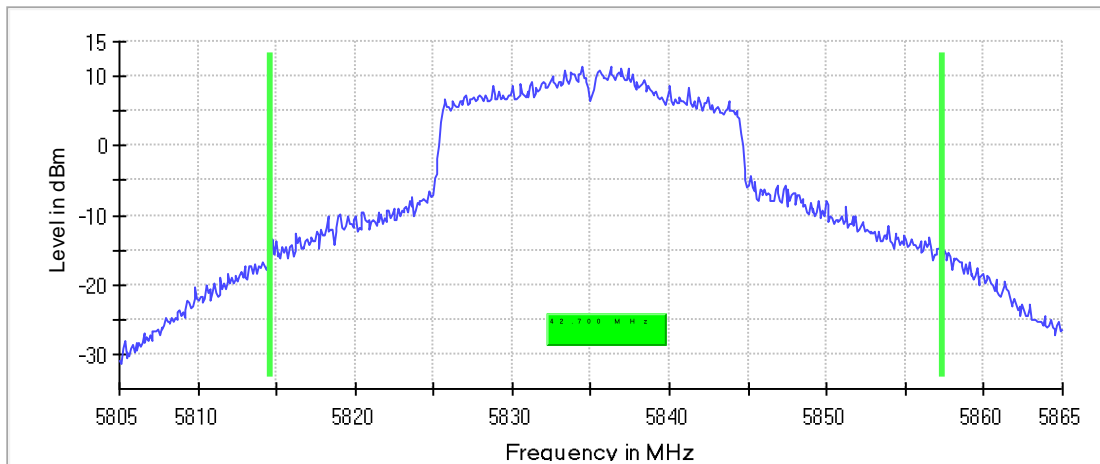
Emission Bandwidth 26 dB (5835 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

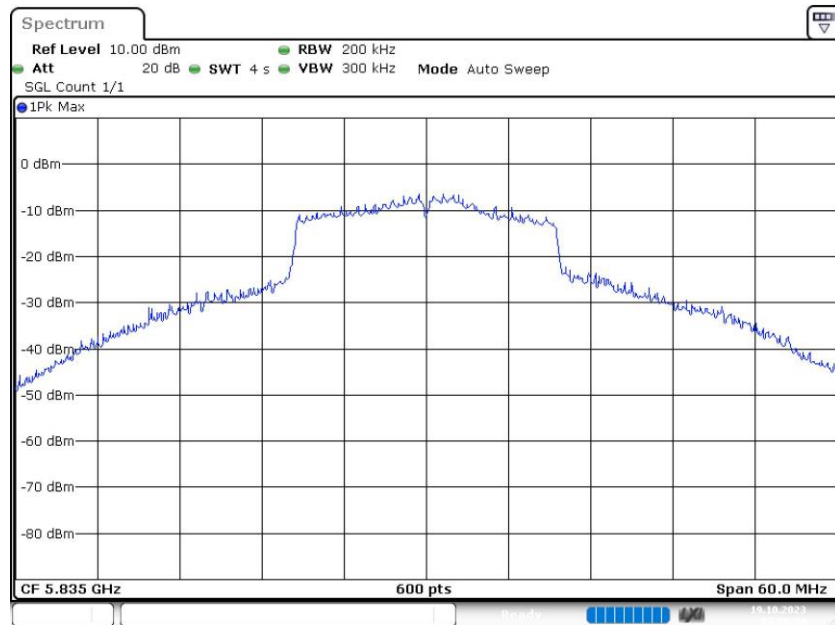
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	42.700000	---	---	5814.650000	5857.350000

DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	11.4	PASS

26 dB Bandwidth



Bandwidth



Date: 19.OCT.2023 03:50:54

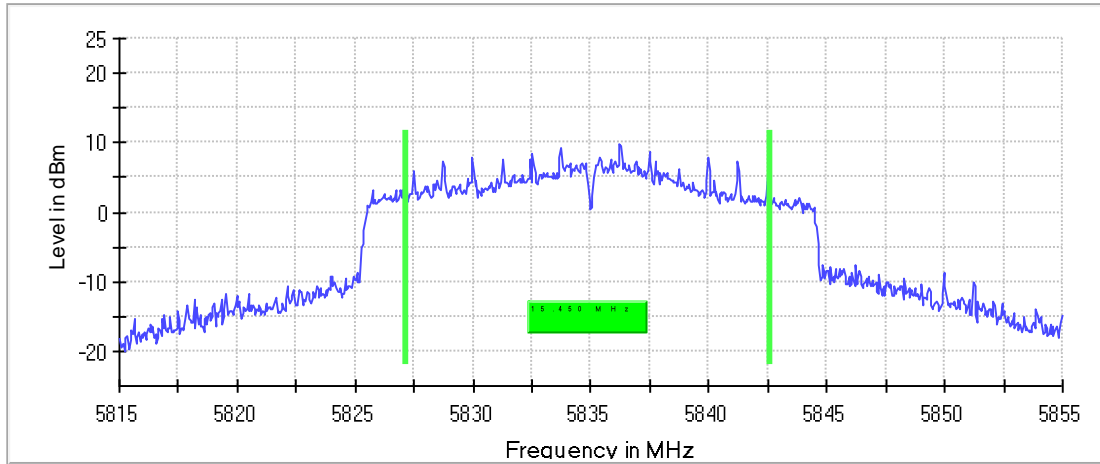
Minimum Emission Bandwidth 6 dB (5835 MHz; 24.000 dBm; 20 MHz)

6 dB Bandwidth

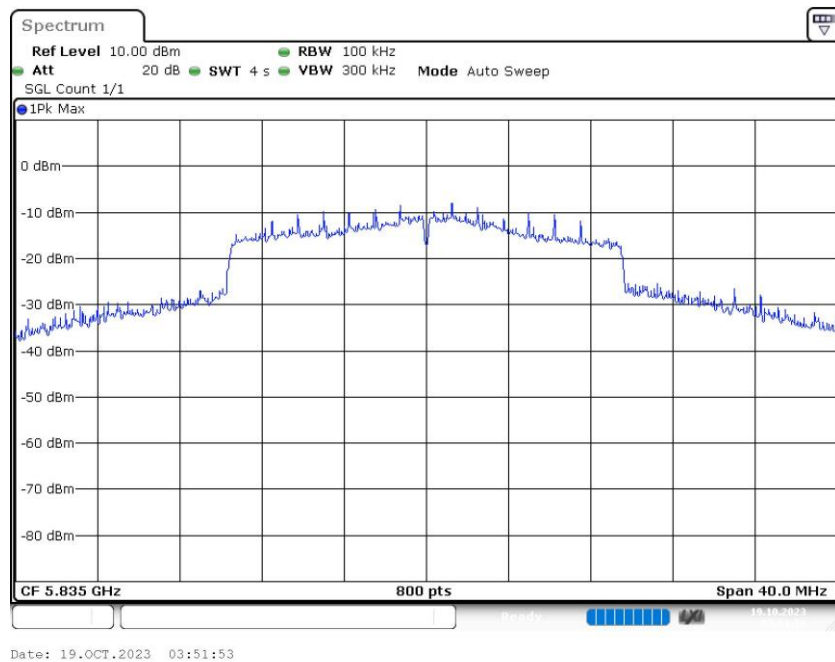
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	15.450000	0.500000	---	5827.125000	5842.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	9.8	PASS

6 dB Bandwidth



Bandwidth

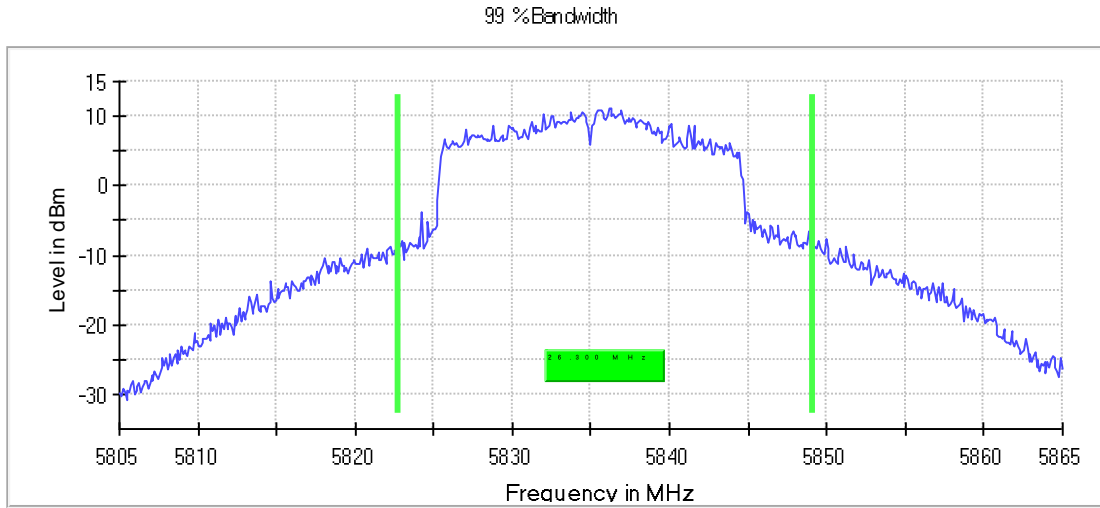


Occupied Channel Bandwidth 99% (5835 MHz; 24.000 dBm; 20 MHz)

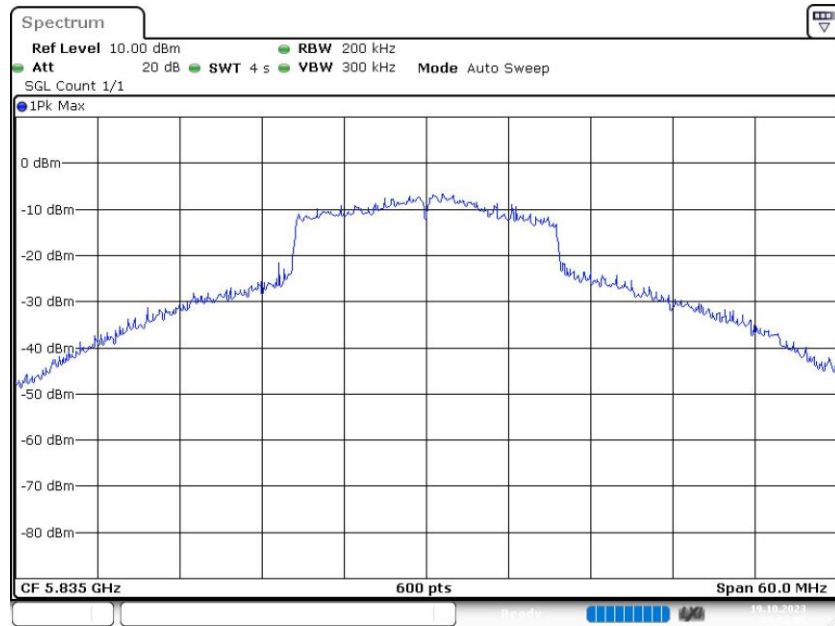
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	26.300000	---	---	5822.750000	5849.050000

DUT Frequency (MHz)	Result
5835.000000	PASS



Bandwidth



Date: 19.OCT.2023 03:52:05

Tx Spurious Emission (5835 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5835.000000	PASS

Final measurements

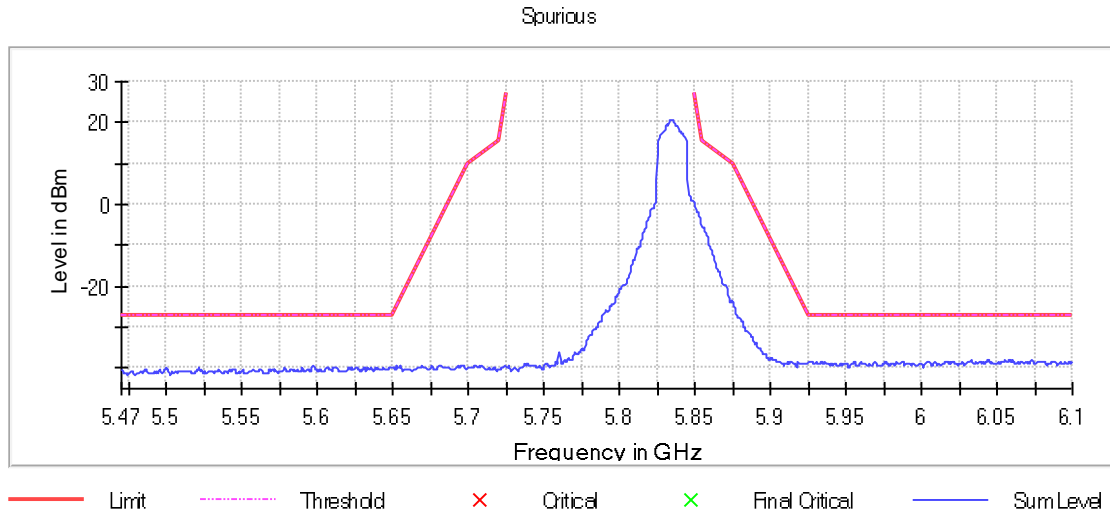
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
6044.250000	-38.0	11.0	-27.0
6073.250000	-38.0	11.0	-27.0
6058.250000	-38.0	11.0	-27.0
6060.250000	-38.1	11.1	-27.0
6043.750000	-38.2	11.2	-27.0
6072.750000	-38.2	11.2	-27.0
6055.250000	-38.2	11.2	-27.0
6058.750000	-38.2	11.2	-27.0
6032.750000	-38.2	11.2	-27.0
6033.250000	-38.2	11.2	-27.0
6055.750000	-38.2	11.2	-27.0
6032.250000	-38.2	11.2	-27.0
6044.750000	-38.2	11.2	-27.0
6065.750000	-38.3	11.3	-27.0
6088.250000	-38.3	11.3	-27.0

Measurement Settings

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

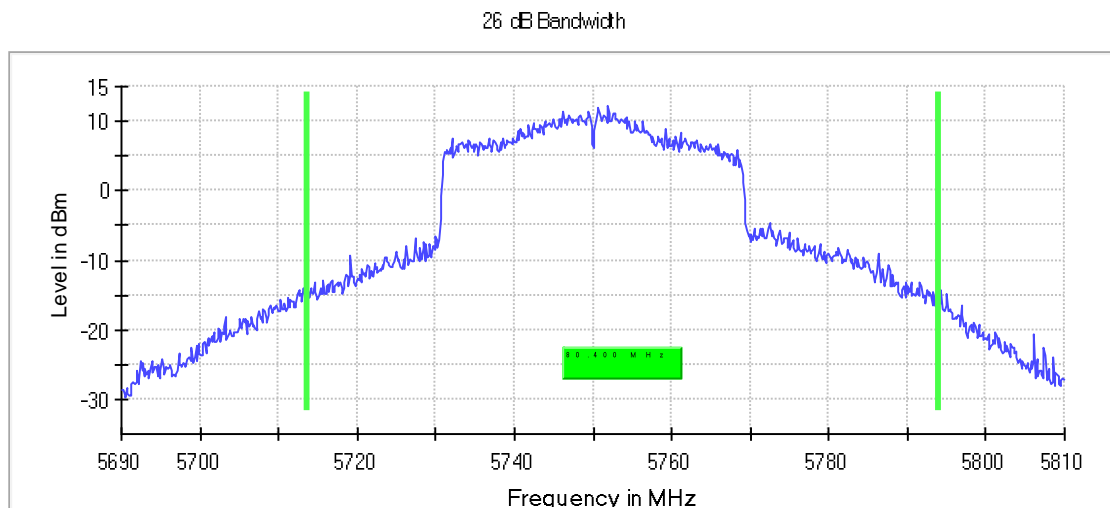


Emission Bandwidth 26 dB (5750 MHz; 24.000 dBm; 40 MHz)

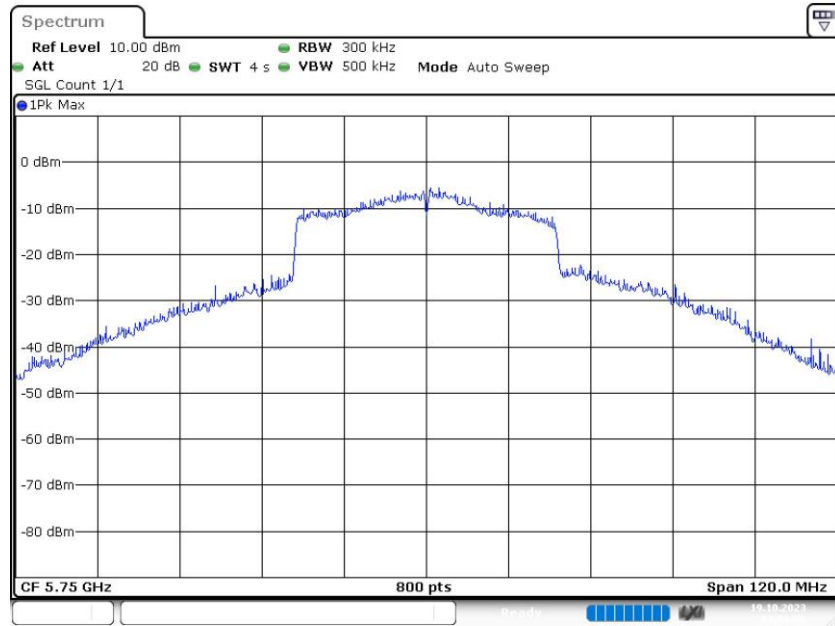
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	80.400000	---	---	5713.625000	5794.025000

DUT Frequency (MHz)	Max Level (dBm)	Result
5750.000000	12.2	PASS



Bandwidth



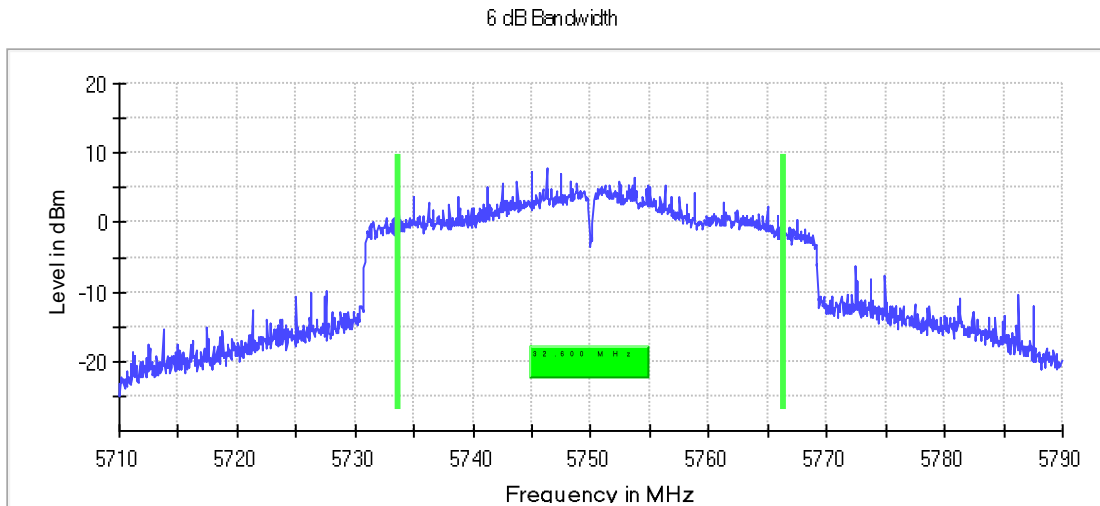
Date: 19.OCT.2023 03:53:01

Minimum Emission Bandwidth 6 dB (5750 MHz; 24.000 dBm; 40 MHz)

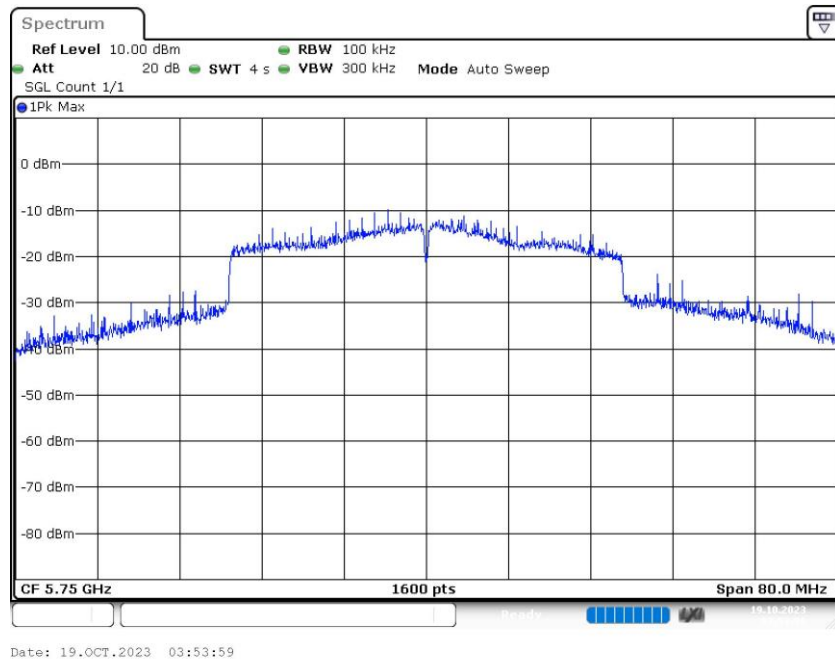
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	32.600000	0.500000	---	5733.675000	5766.275000

DUT Frequency (MHz)	Max Level (dBm)	Result
5750.000000	7.7	PASS



Bandwidth

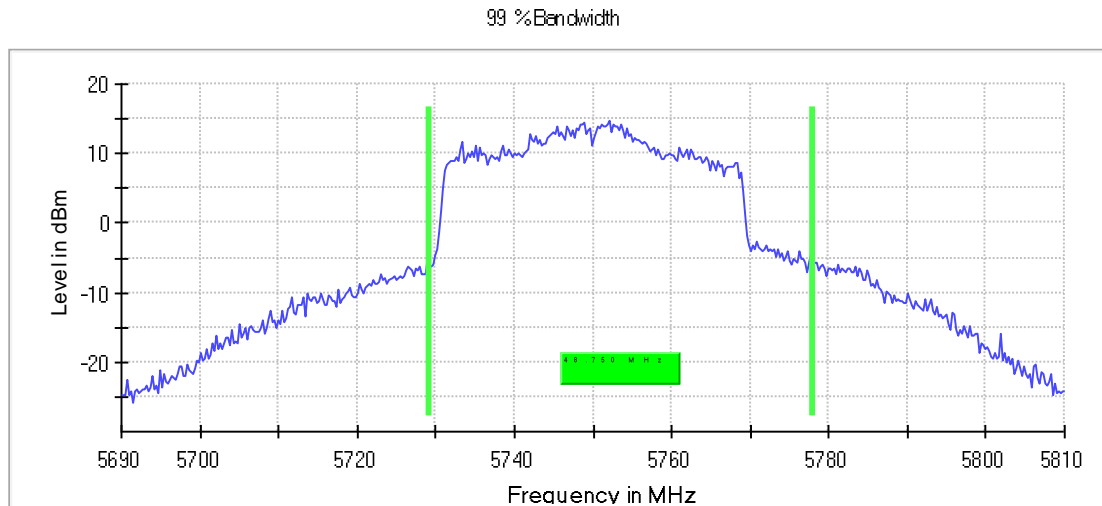


Occupied Channel Bandwidth 99% (5750 MHz; 24.000 dBm; 40 MHz)

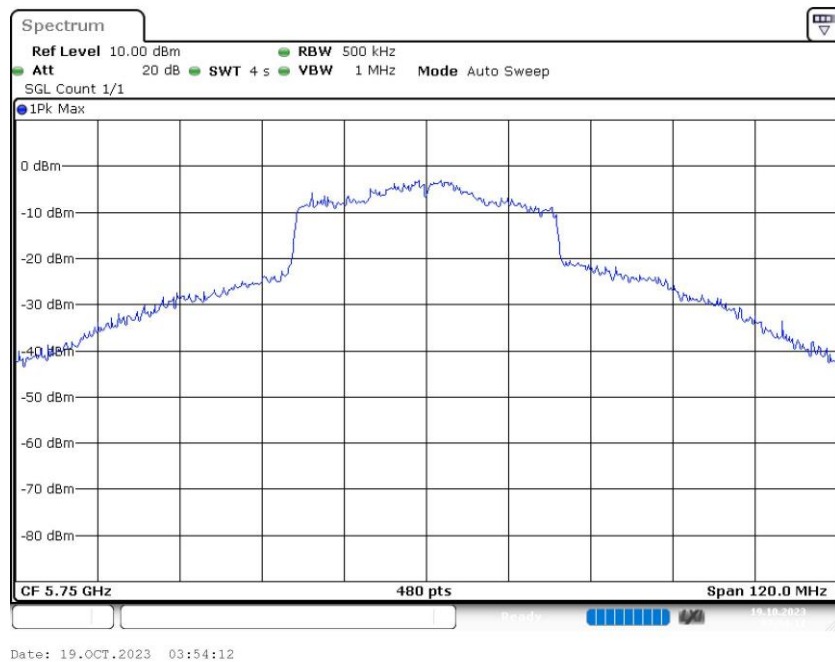
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	48.750000	---	---	5729.125000	5777.875000

DUT Frequency (MHz)	Result
5750.000000	PASS



Bandwidth



Tx Spurious Emission (5750 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5750.000000	PASS

Final measurements

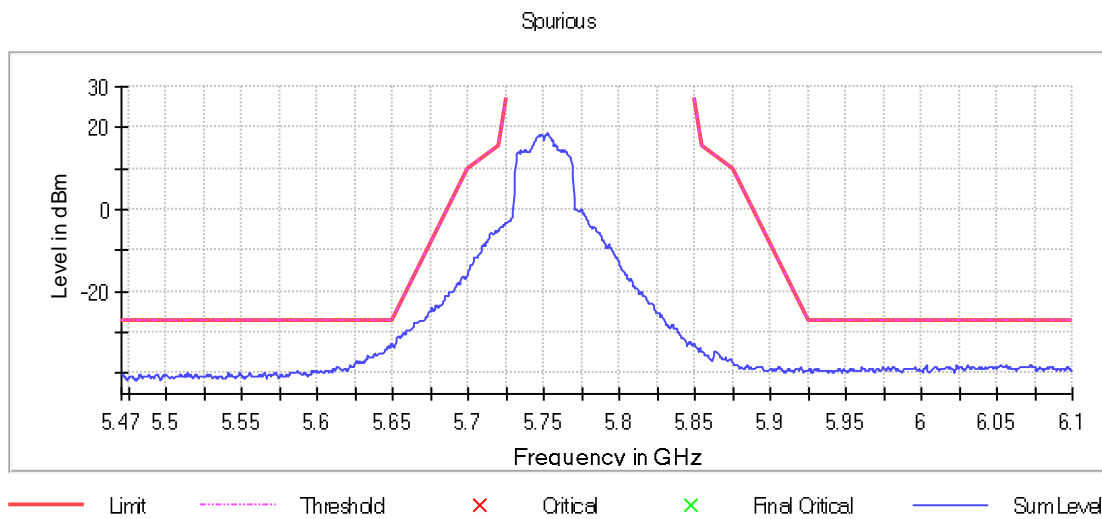
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5649.250000	-32.9	5.9	-27.0
5648.750000	-33.0	6.0	-27.0
5649.750000	-33.1	6.1	-27.0
5646.750000	-33.4	6.4	-27.0
5650.250000	-33.2	6.4	-26.8
5648.250000	-33.5	6.5	-27.0
5646.250000	-33.5	6.5	-27.0
5653.250000	-31.1	6.5	-24.6
5647.250000	-33.6	6.6	-27.0
5652.750000	-31.6	6.6	-25.0
5647.750000	-33.7	6.7	-27.0
5651.750000	-32.5	6.8	-25.7
5653.750000	-31.1	6.8	-24.2
5645.750000	-33.9	6.9	-27.0
5652.250000	-32.2	6.9	-25.3

Measurement Settings

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



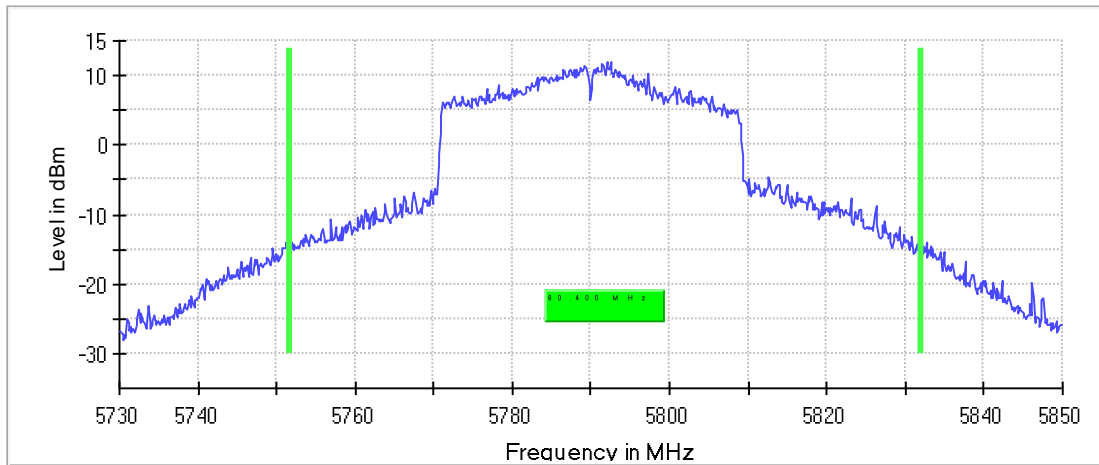
Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

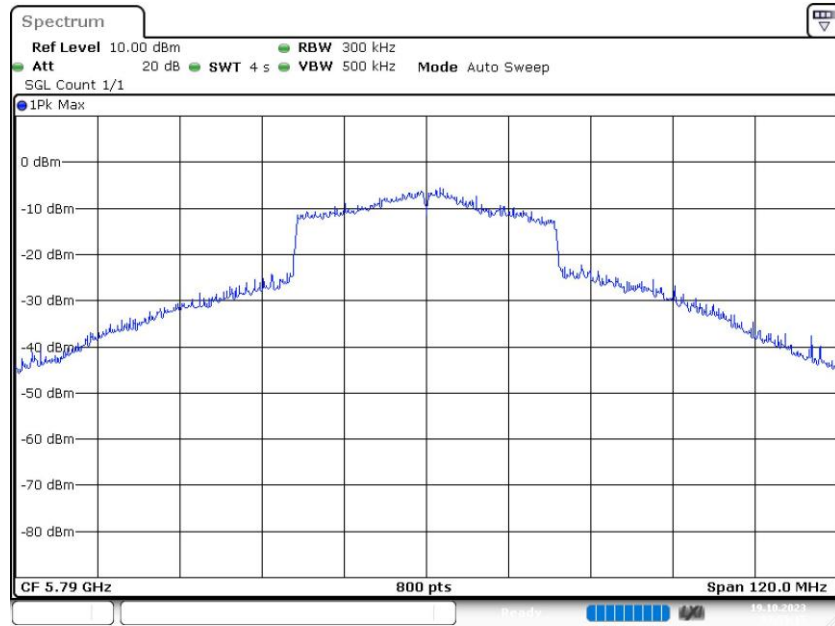
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	80.400000	---	---	5751.675000	5832.075000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	12.0	PASS

26 dB Bandwidth



Bandwidth



Date: 19.OCT.2023 03:55:16

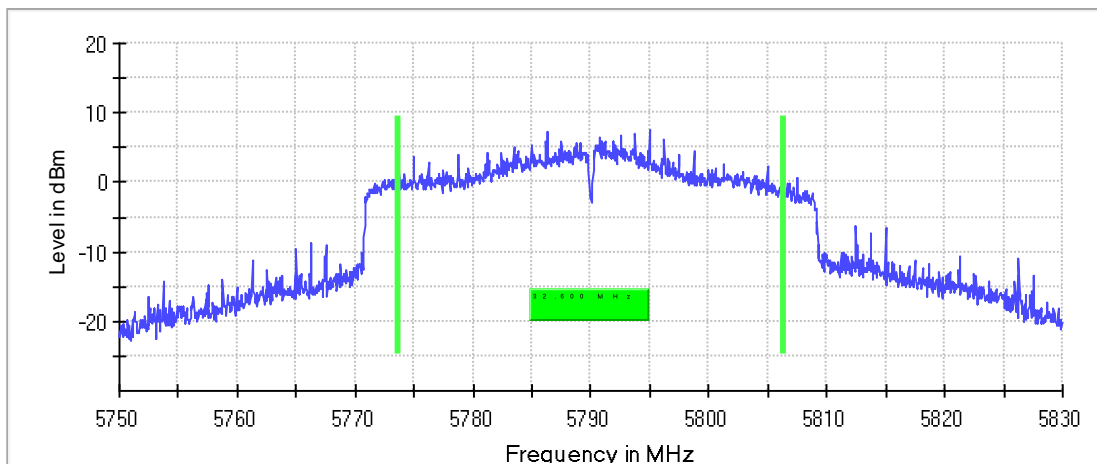
Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 40 MHz)

6 dB Bandwidth

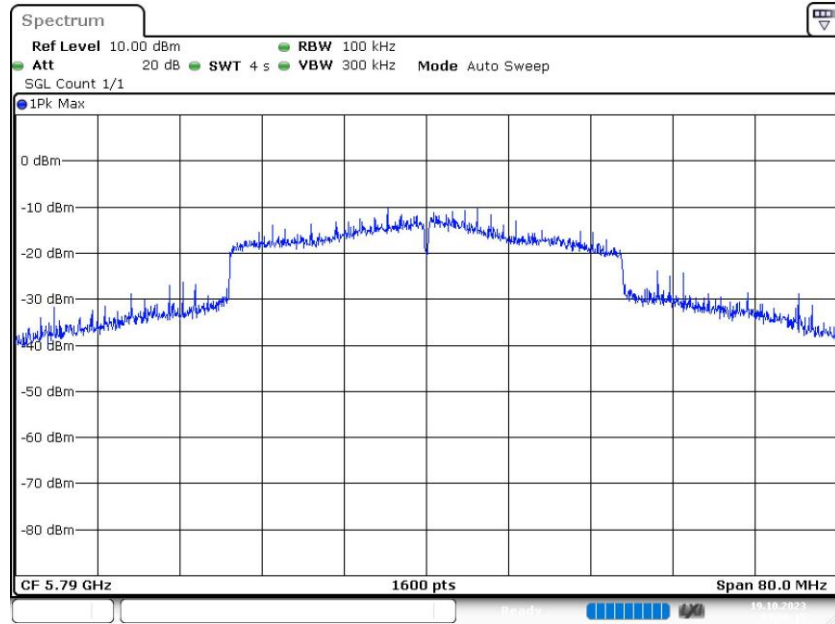
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	32.600000	0.500000	---	5773.675000	5806.275000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	7.6	PASS

6 dB Bandwidth



Bandwidth



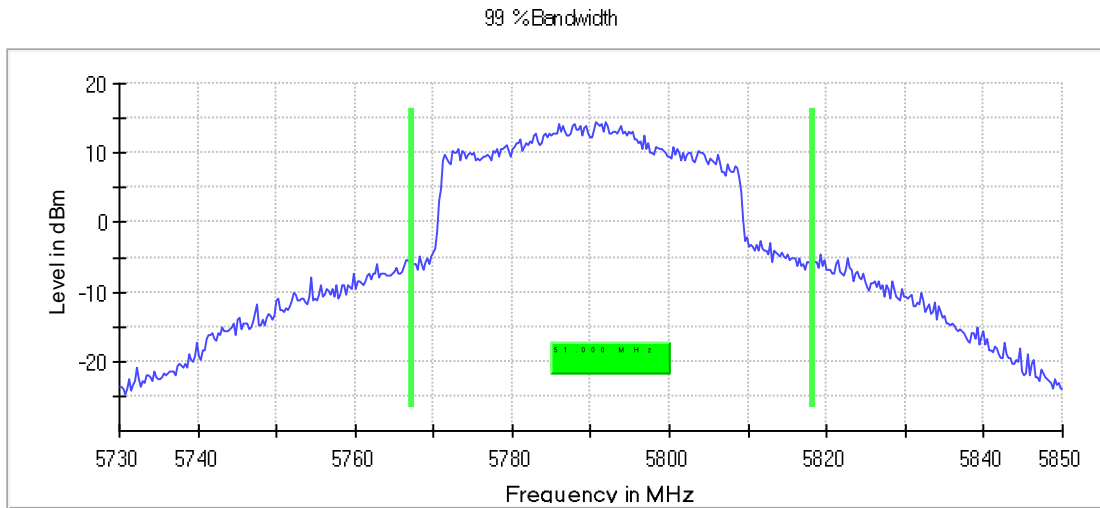
Date: 19.OCT.2023 03:56:16

Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 40 MHz)

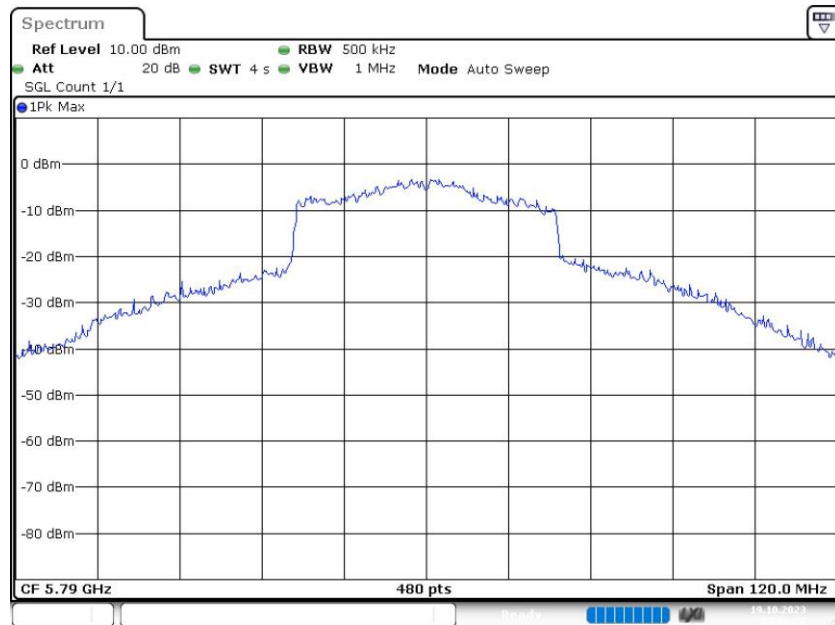
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	51.000000	---	---	5767.125000	5818.125000

DUT Frequency (MHz)	Result
5790.000000	PASS



Bandwidth



Date: 19.OCT.2023 03:56:27

Tx Spurious Emission (5790 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5790.000000	PASS

Final measurements

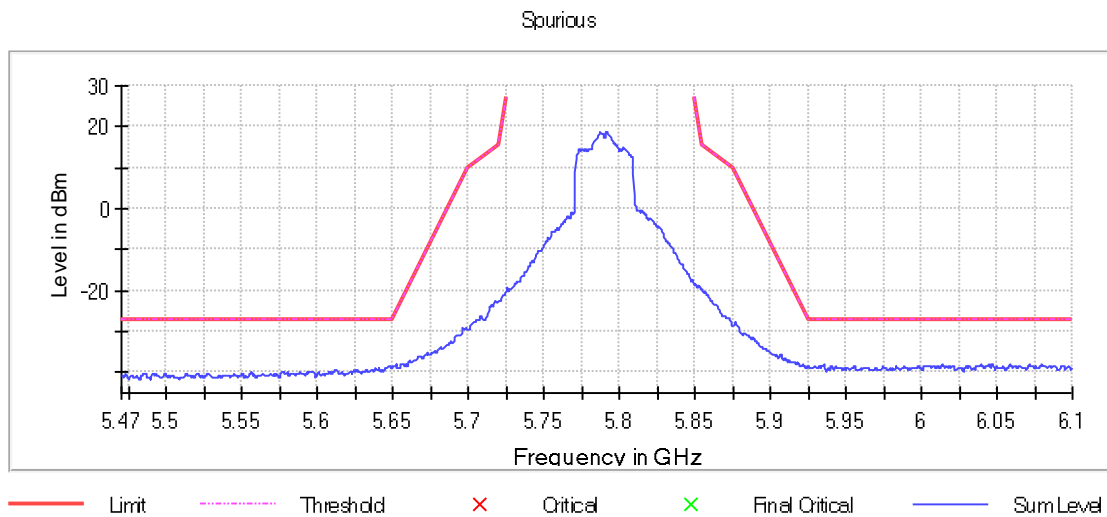
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
6039.250000	-37.9	10.9	-27.0
6044.250000	-38.0	11.0	-27.0
6044.750000	-38.0	11.0	-27.0
6079.750000	-38.0	11.0	-27.0
6058.750000	-38.1	11.1	-27.0
6046.750000	-38.1	11.1	-27.0
6071.250000	-38.1	11.1	-27.0
6039.750000	-38.2	11.2	-27.0
5935.250000	-38.2	11.2	-27.0
6013.750000	-38.2	11.2	-27.0
6047.250000	-38.2	11.2	-27.0
6058.250000	-38.2	11.2	-27.0
6038.750000	-38.2	11.2	-27.0
6037.750000	-38.2	11.2	-27.0
6079.250000	-38.2	11.2	-27.0

Measurement Settings

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



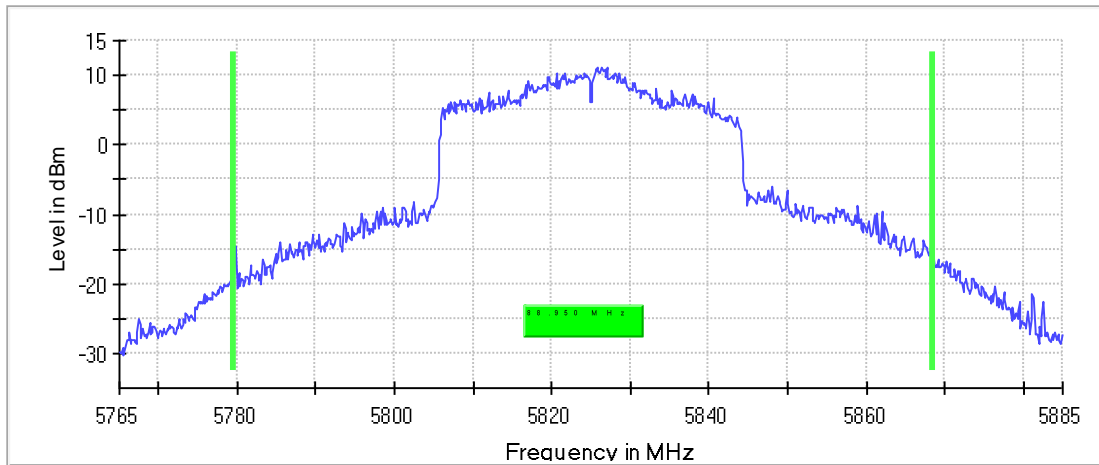
Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

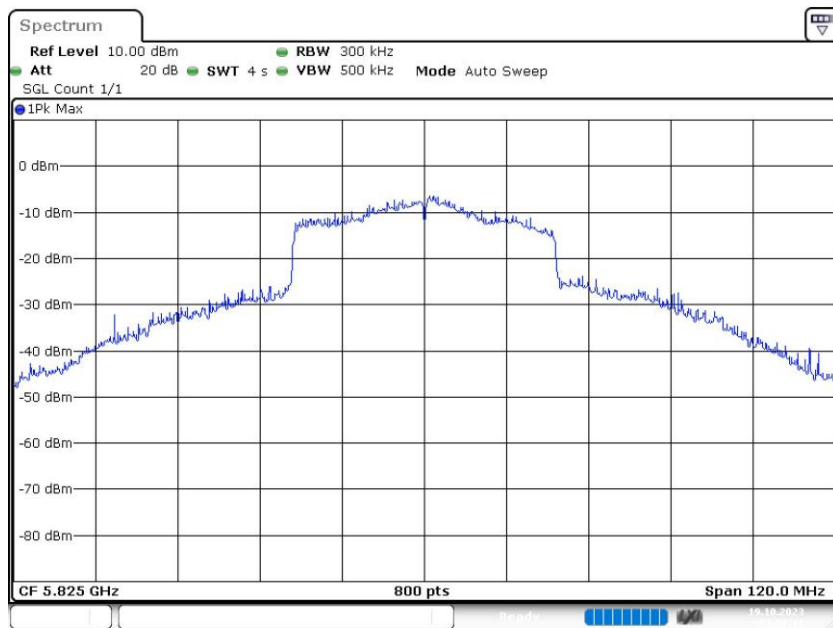
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	88.950000	---	---	5779.625000	5868.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	11.2	PASS

26 dB Bandwidth



Bandwidth



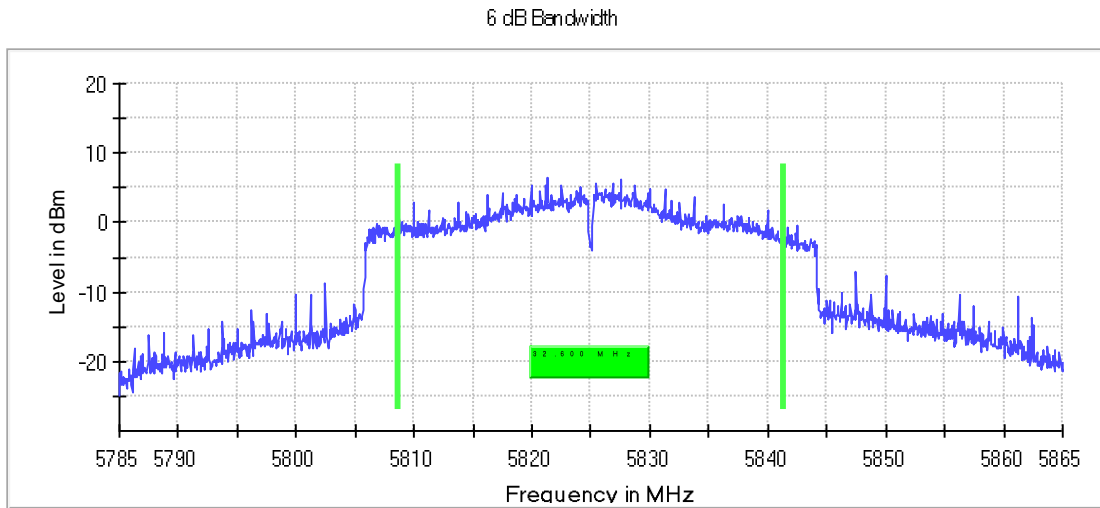
Date: 19.OCT.2023 03:57:31

Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 40 MHz)

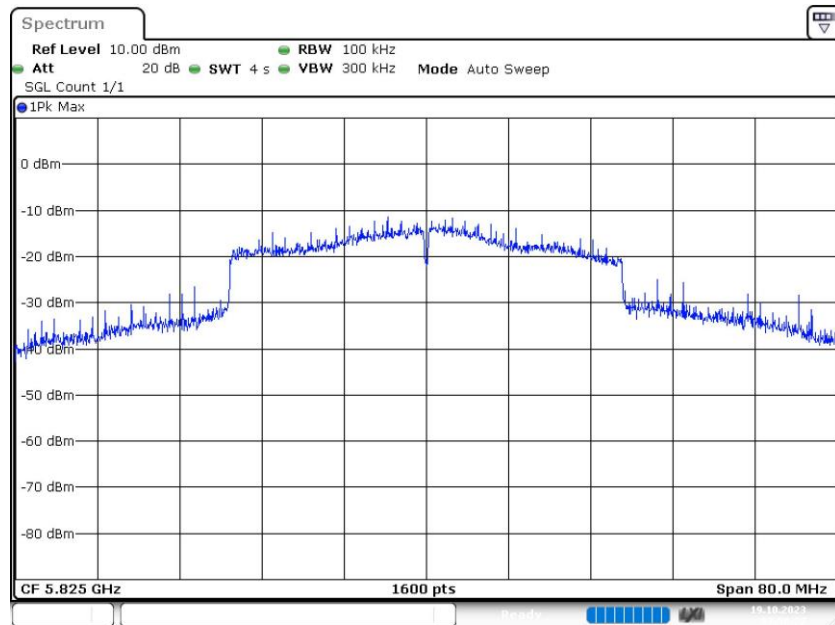
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	32.600000	0.500000	---	5808.675000	5841.275000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	6.4	PASS



Bandwidth



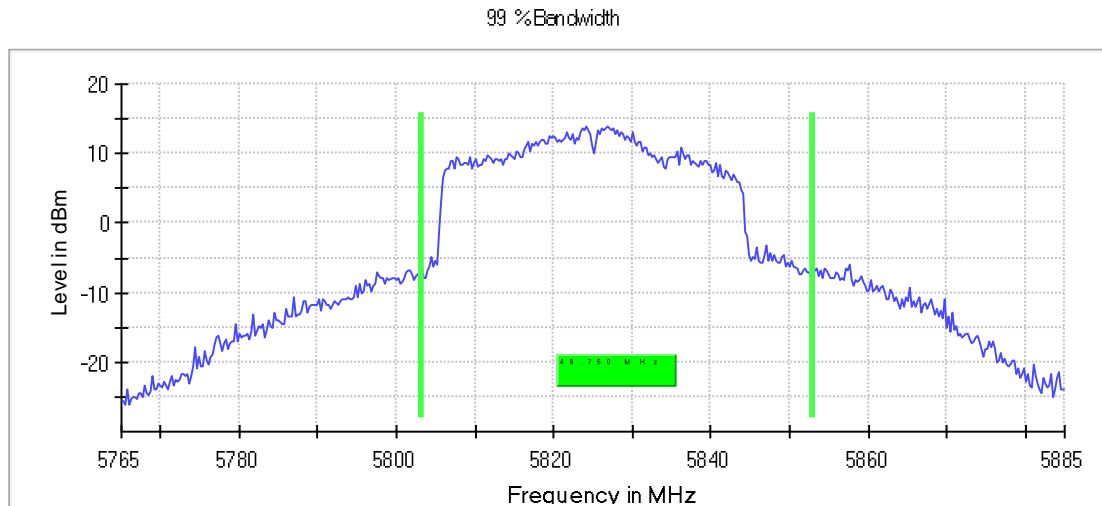
Date: 19.OCT.2023 03:58:28

Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 40 MHz)

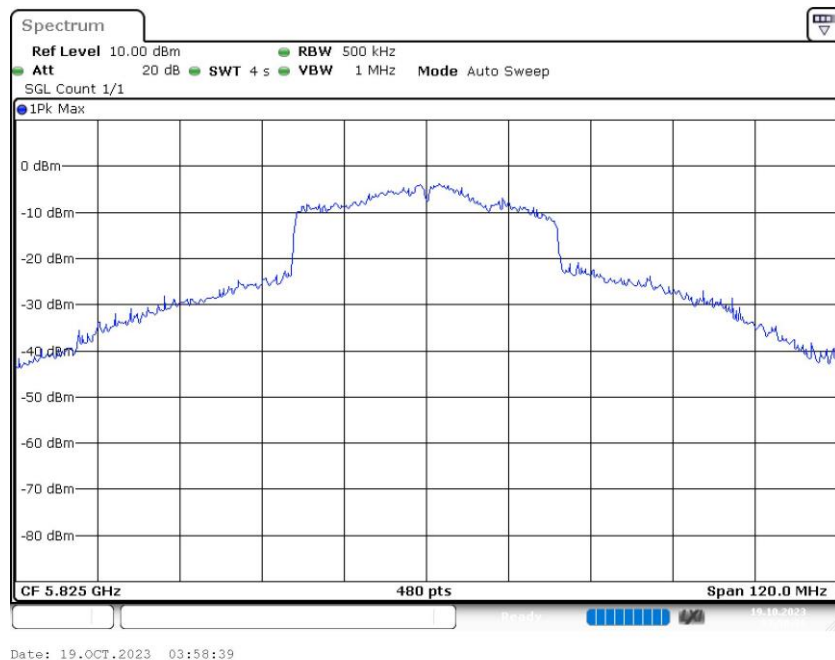
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	49.750000	---	---	5803.125000	5852.875000

DUT Frequency (MHz)	Result
5825.000000	PASS



Bandwidth



Tx Spurious Emission (5825 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Final measurements

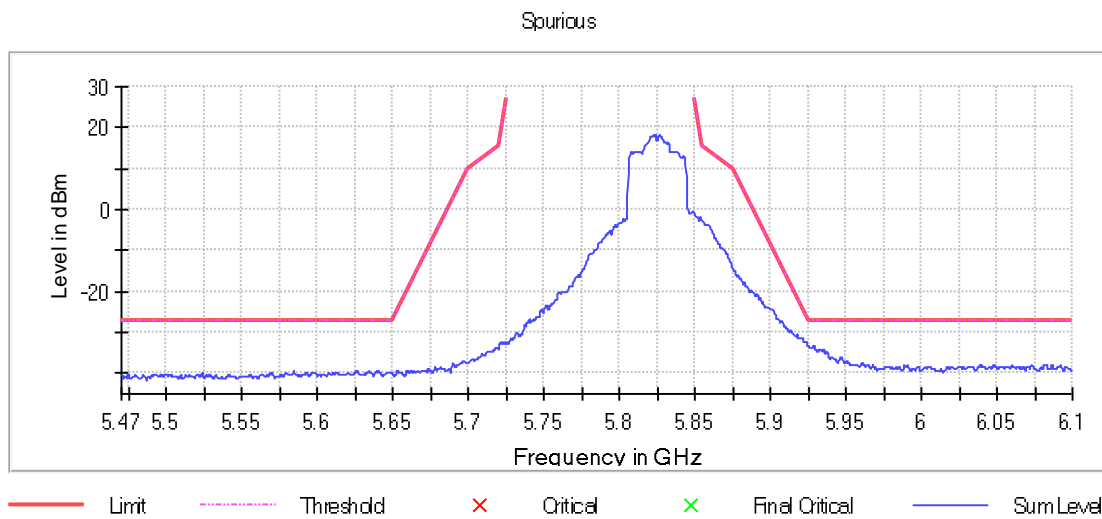
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5925.250000	-33.1	6.1	-27.0
5923.750000	-32.4	6.3	-26.1
5924.750000	-33.1	6.3	-26.8
5928.750000	-33.3	6.3	-27.0
5924.250000	-32.9	6.4	-26.4
5928.250000	-33.5	6.5	-27.0
5927.750000	-33.6	6.6	-27.0
5926.750000	-33.6	6.6	-27.0
5927.250000	-33.7	6.7	-27.0
5923.250000	-32.4	6.7	-25.7
5925.750000	-33.7	6.7	-27.0
5926.250000	-33.7	6.7	-27.0
5929.250000	-33.8	6.8	-27.0
5921.750000	-31.6	7.1	-24.6
5922.750000	-32.5	7.1	-25.3

Measurement Settings

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



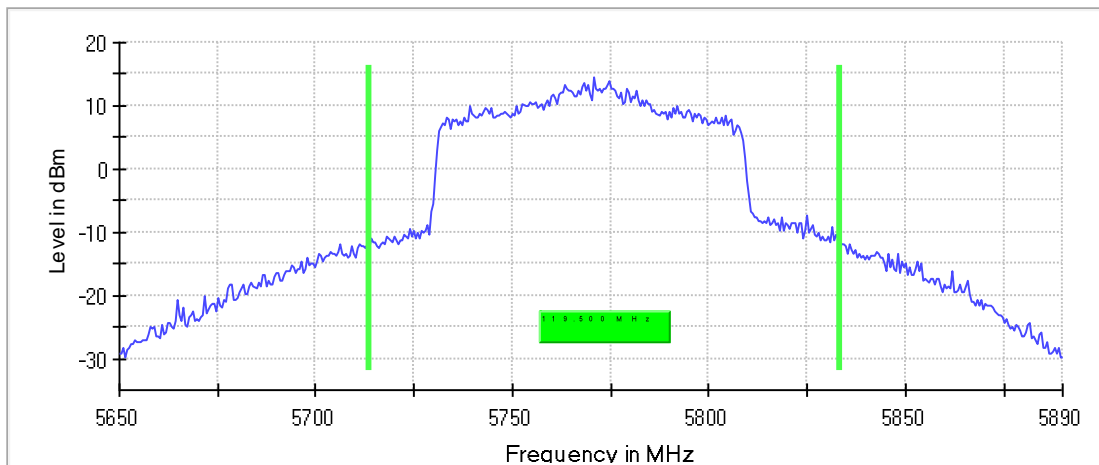
Emission Bandwidth 26 dB (5770 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

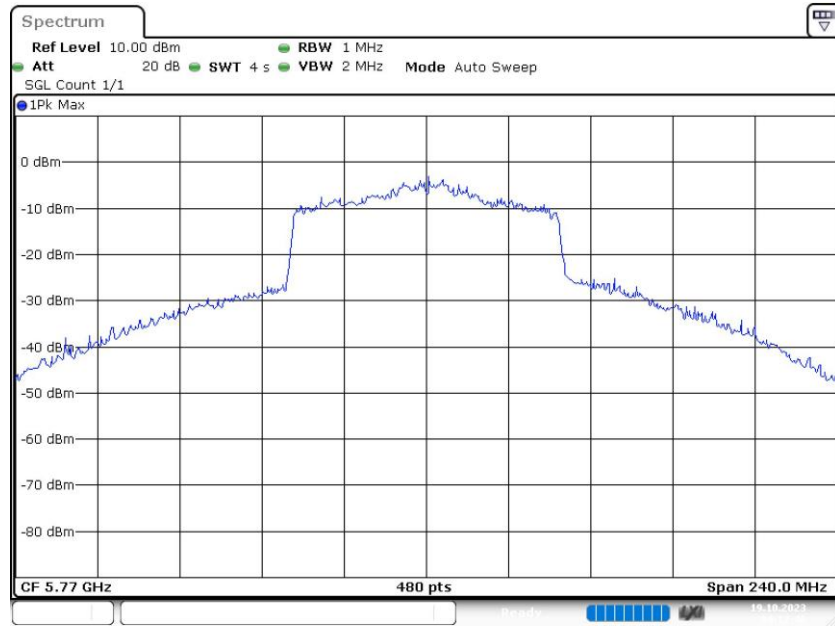
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5770.000000	119.500000	---	---	5713.750000	5833.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5770.000000	14.5	PASS

26 dB Bandwidth



Bandwidth



Date: 19.OCT.2023 04:12:40

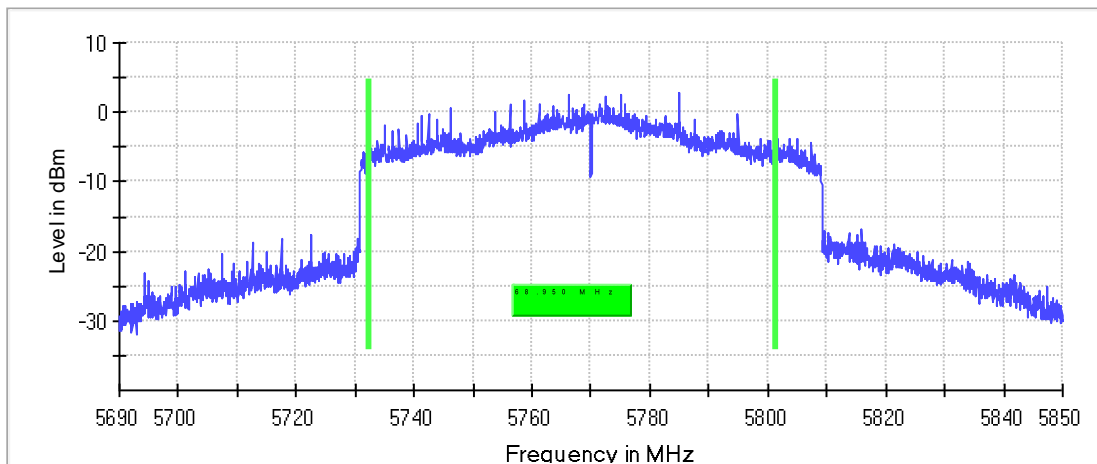
Minimum Emission Bandwidth 6 dB (5770 MHz; 24.000 dBm; 80 MHz)

6 dB Bandwidth

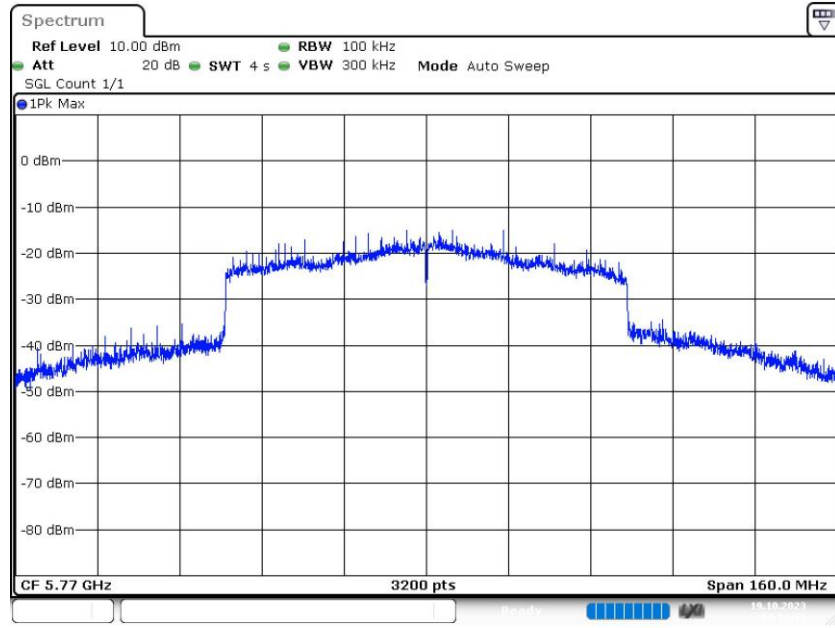
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5770.000000	68.950000	0.500000	---	5732.375000	5801.325000

DUT Frequency (MHz)	Max Level (dBm)	Result
5770.000000	2.7	PASS

6 dB Bandwidth



Bandwidth



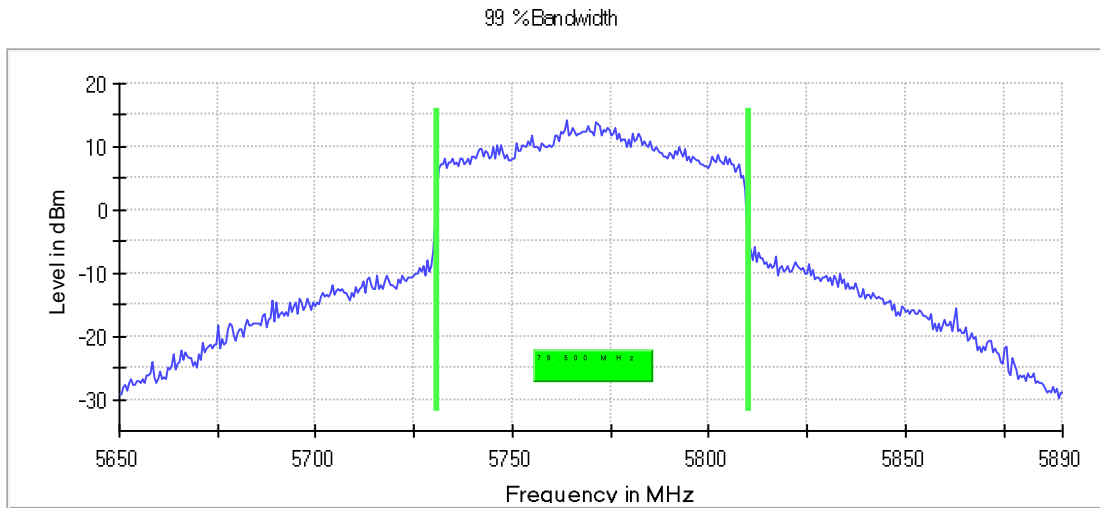
Date: 19.OCT.2023 04:13:40

Occupied Channel Bandwidth 99% (5770 MHz; 24.000 dBm; 80 MHz)

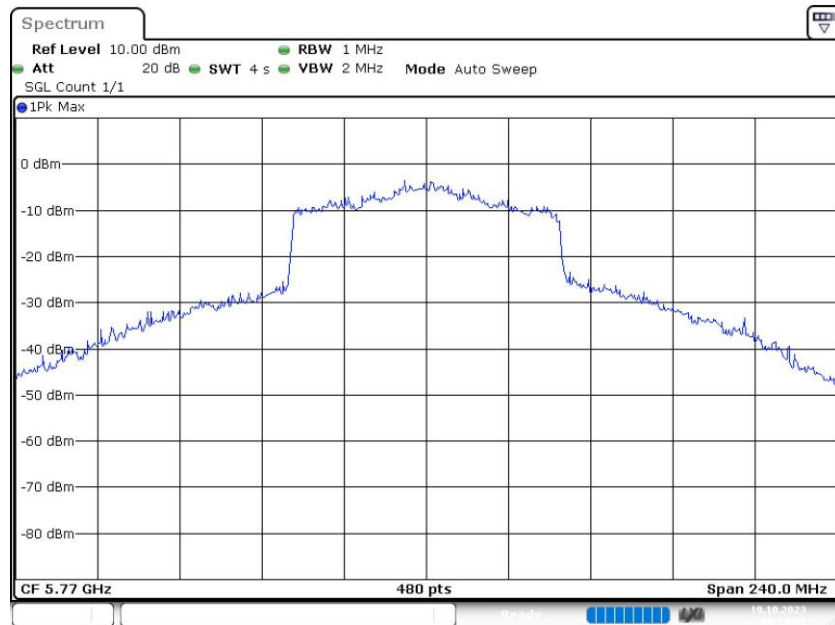
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5770.000000	79.500000	---	---	5730.750000	5810.250000

DUT Frequency (MHz)	Result
5770.000000	PASS



Bandwidth



Date: 19.OCT.2023 04:13:52

Tx Spurious Emission (5770 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
5770.000000	PASS

Final measurements

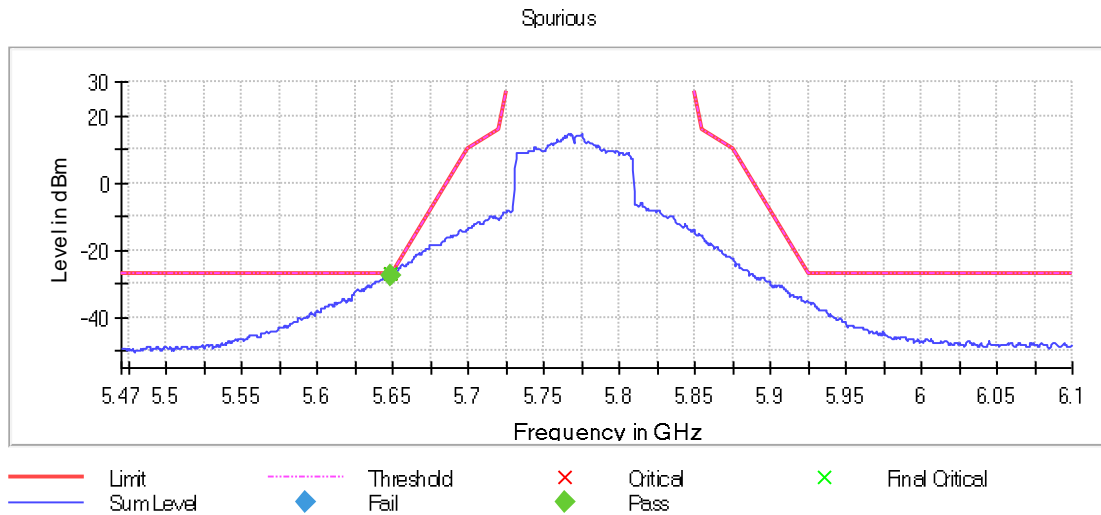
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5648.250000	-26.8	-27.5	-27.0	0.5	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5648.250000	-26.8	-0.2	-27.0
5648.750000	-27.0	0.0	-27.0
5647.750000	-27.2	0.2	-27.0
5649.250000	-27.4	0.4	-27.0
5644.750000	-27.4	0.4	-27.0
5649.750000	-27.5	0.5	-27.0
5644.250000	-27.5	0.5	-27.0
5650.250000	-27.4	0.6	-26.8
5650.750000	-27.2	0.8	-26.4
5645.250000	-27.8	0.8	-27.0
5647.250000	-27.8	0.8	-27.0
5651.250000	-27.0	1.0	-26.1
5643.750000	-28.0	1.0	-27.0
5646.750000	-28.0	1.0	-27.0
5653.750000	-25.3	1.0	-24.2

Measurement Settings

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



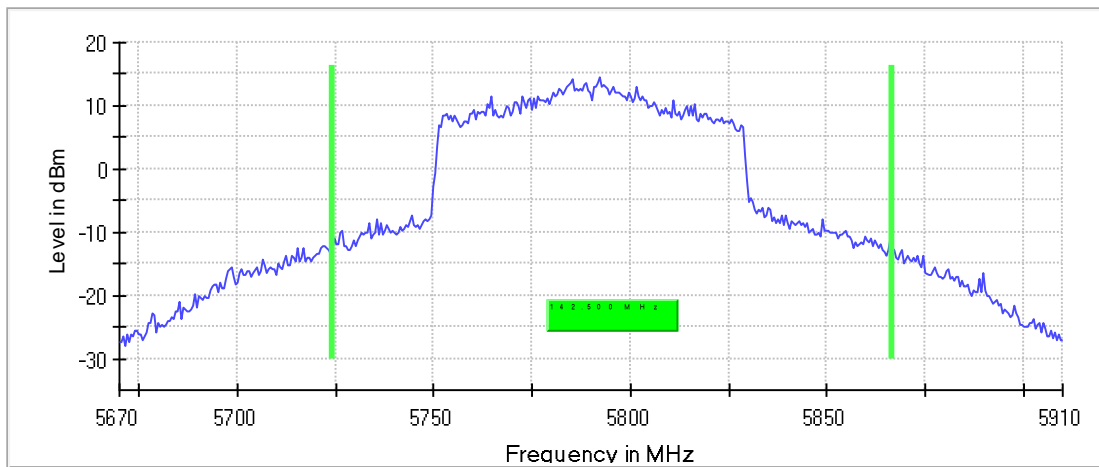
Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

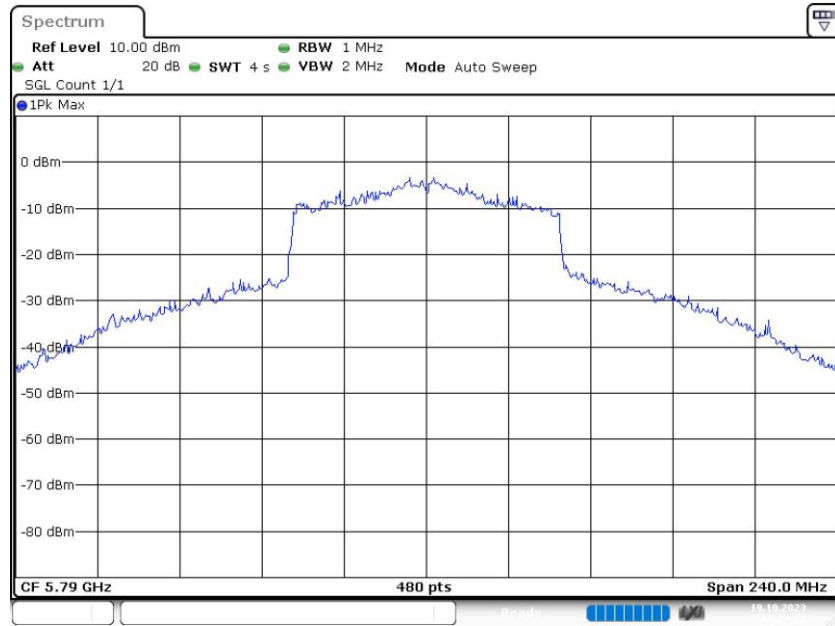
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	142.500000	---	---	5724.250000	5866.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	14.5	PASS

26 dB Bandwidth



Bandwidth



Date: 19.OCT.2023 04:22:28

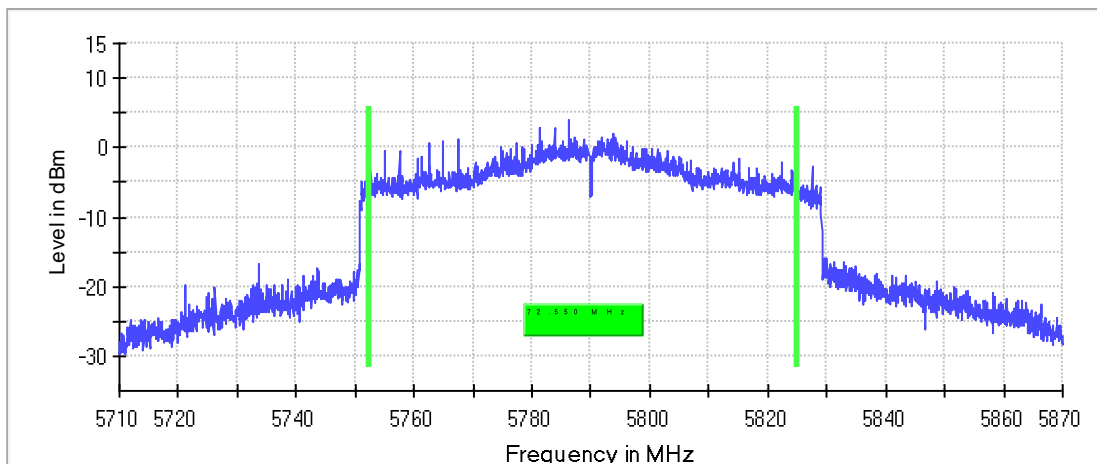
Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 80 MHz)

6 dB Bandwidth

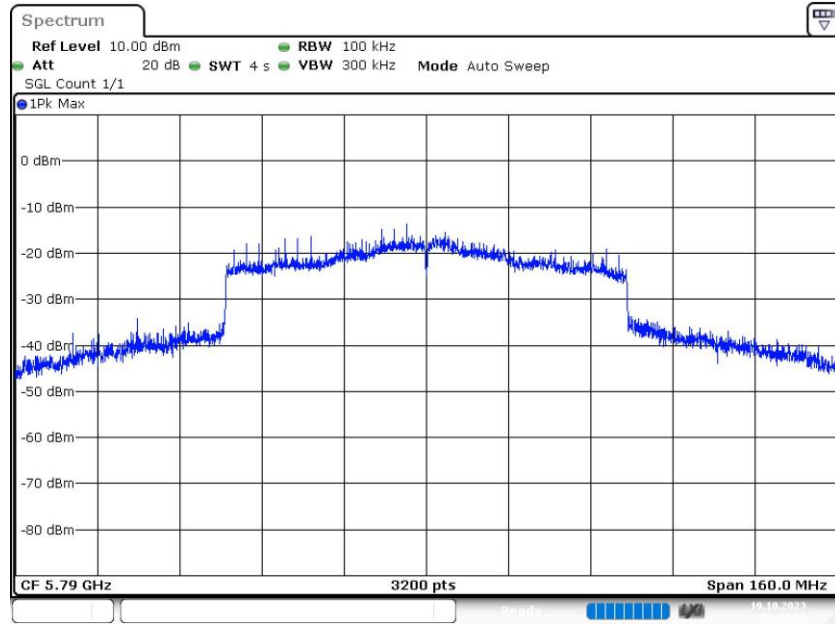
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	72.550000	0.500000	---	5752.475000	5825.025000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	3.9	PASS

6 dB Bandwidth



Bandwidth



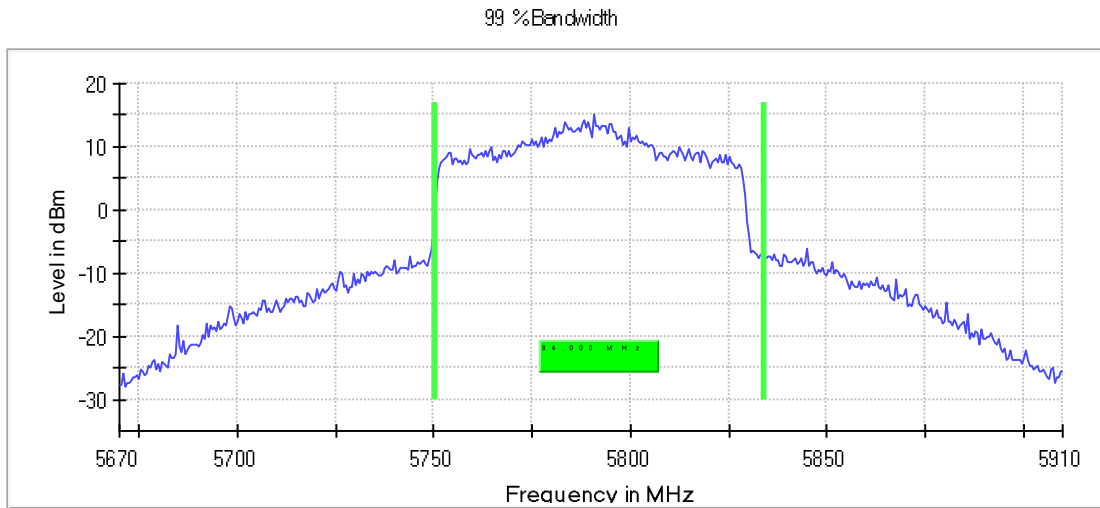
Date: 19.OCT.2023 04:23:27

Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 80 MHz)

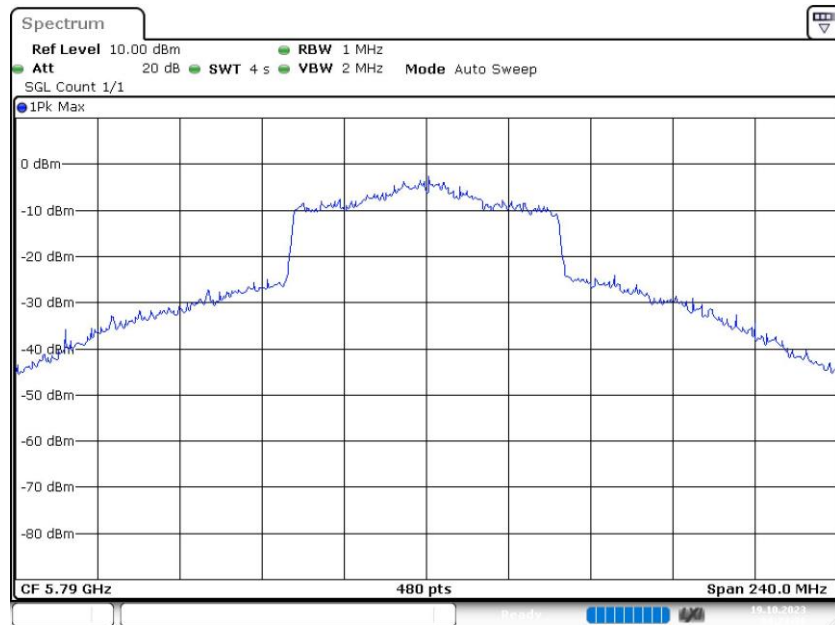
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	84.000000	---	---	5750.250000	5834.250000

DUT Frequency (MHz)	Result
5790.000000	PASS



Bandwidth



Tx Spurious Emission (5790 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
5790.000000	PASS

Final measurements

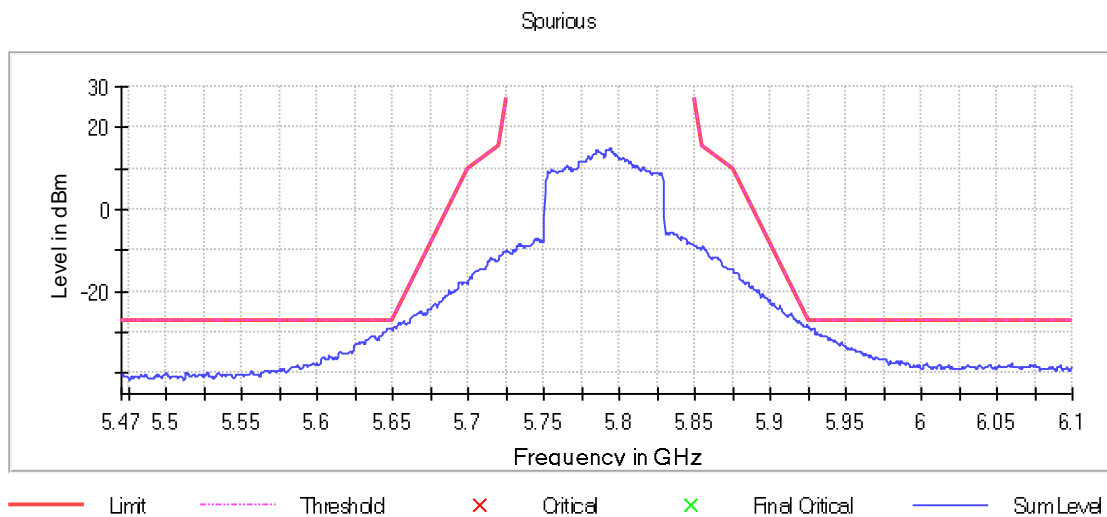
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5924.750000	-28.5	1.6	-26.8
5925.250000	-28.8	1.8	-27.0
5924.250000	-28.3	1.8	-26.4
5928.250000	-28.9	1.9	-27.0
5648.750000	-28.9	1.9	-27.0
5648.250000	-29.0	2.0	-27.0
5925.750000	-29.1	2.1	-27.0
5645.750000	-29.1	2.1	-27.0
5928.750000	-29.1	2.1	-27.0
5649.250000	-29.2	2.2	-27.0
5927.750000	-29.2	2.2	-27.0
5647.750000	-29.2	2.2	-27.0
5646.250000	-29.2	2.2	-27.0
5650.750000	-28.7	2.2	-26.4
5926.250000	-29.3	2.3	-27.0

Measurement Settings

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



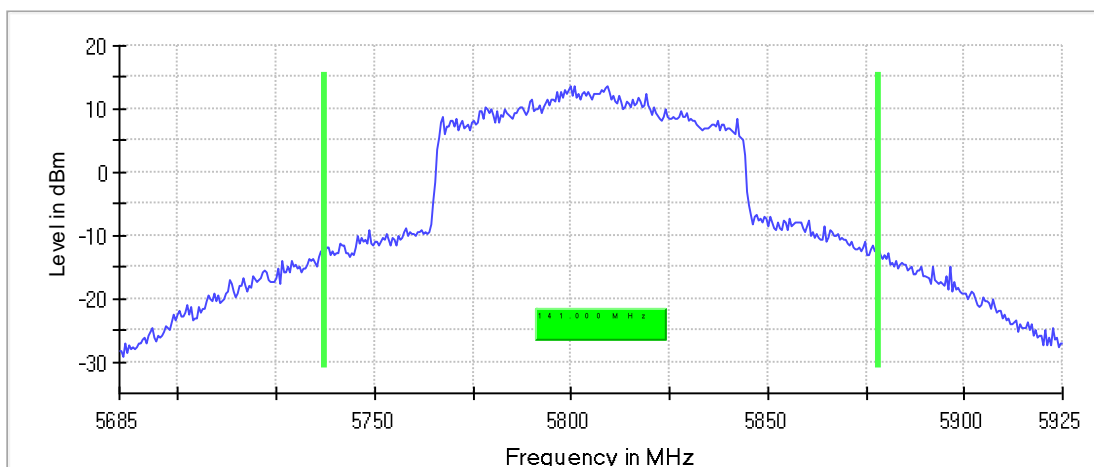
Emission Bandwidth 26 dB (5805 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

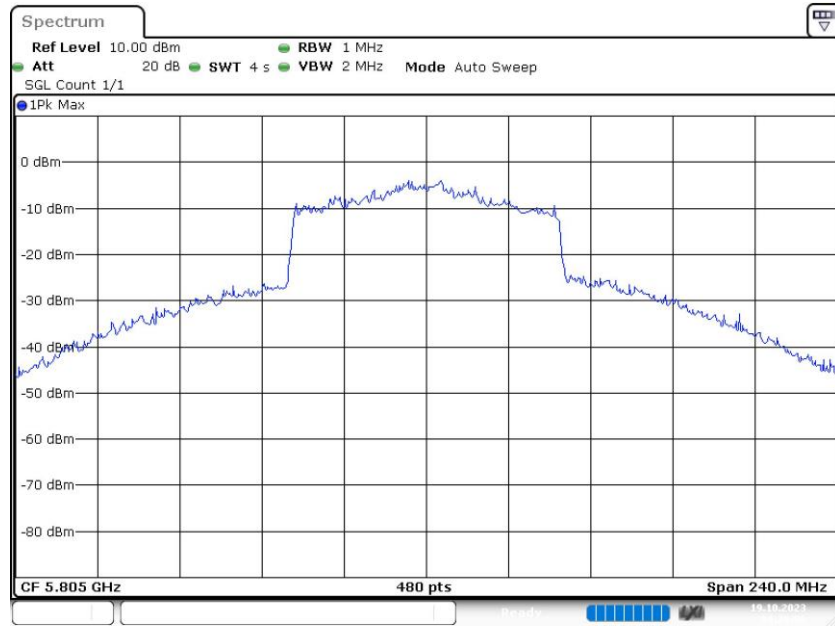
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5805.000000	141.000000	---	---	5737.250000	5878.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5805.000000	13.7	PASS

26 dB Bandwidth



Bandwidth



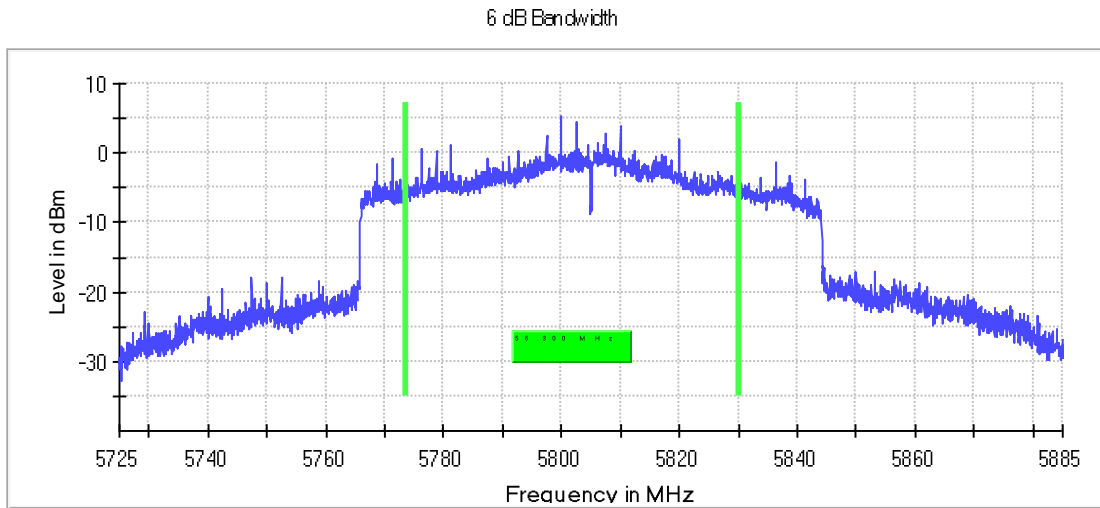
Date: 19.OCT.2023 04:29:06

Minimum Emission Bandwidth 6 dB (5805 MHz; 24.000 dBm; 80 MHz)

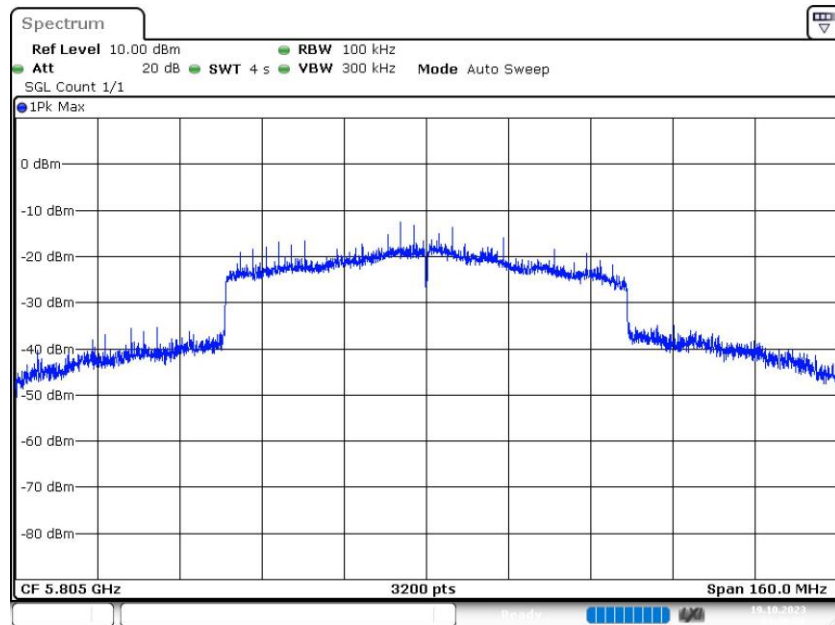
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5805.000000	56.300000	0.500000	---	5773.675000	5829.975000

DUT Frequency (MHz)	Max Level (dBm)	Result
5805.000000	5.2	PASS



Bandwidth



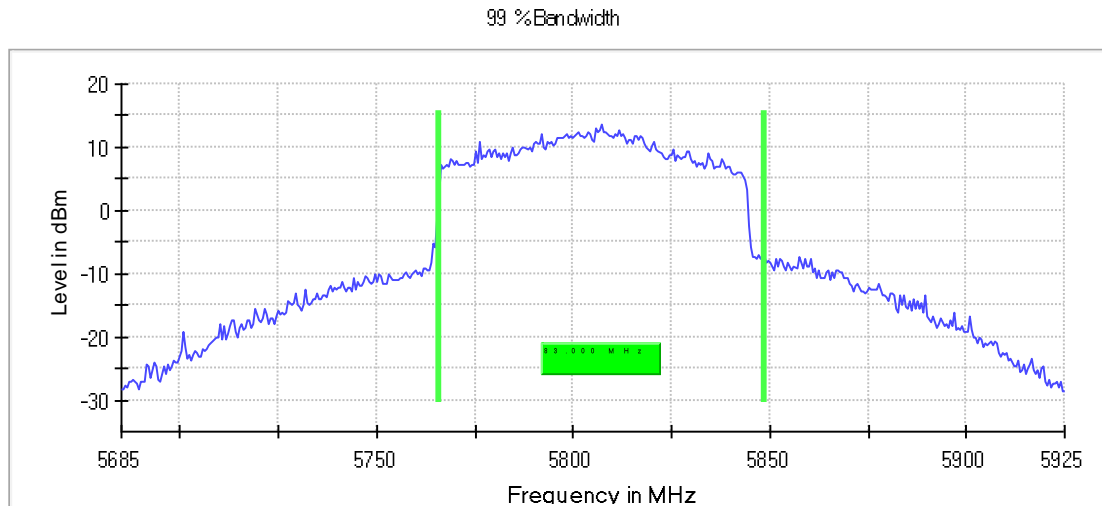
Date: 19.OCT.2023 04:30:08

Occupied Channel Bandwidth 99% (5805 MHz; 24.000 dBm; 80 MHz)

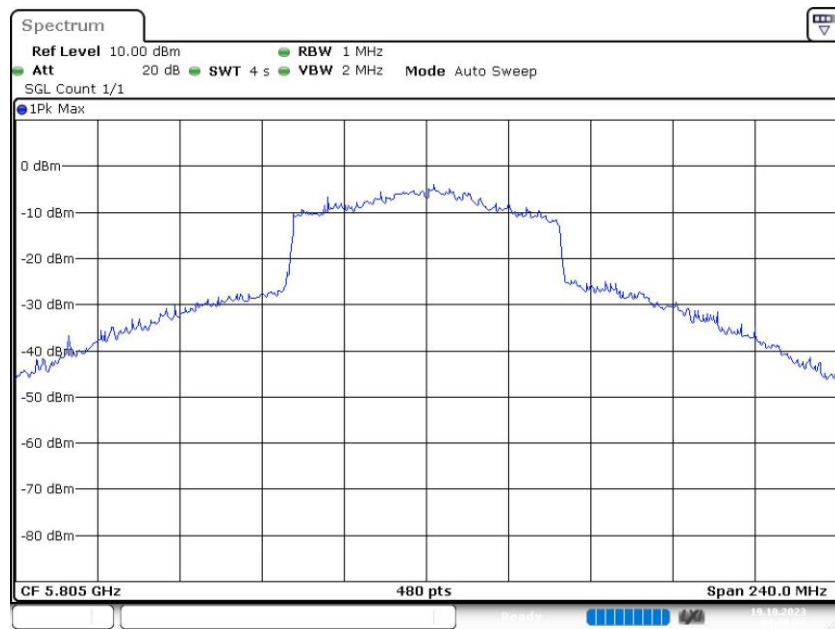
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5805.000000	83.000000	---	---	5765.750000	5848.750000

DUT Frequency (MHz)	Result
5805.000000	PASS



Bandwidth



Tx Spurious Emission (5805 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
5805.000000	PASS

Final measurements

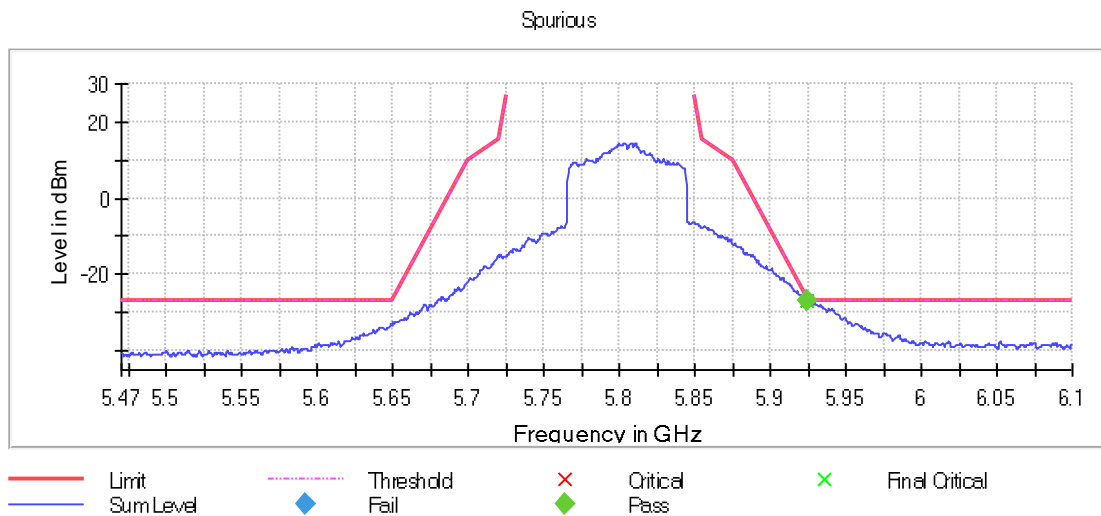
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5924.750000	-26.8	-26.9	-26.8	0.1	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5924.750000	-26.8	0.0	-26.8
5924.250000	-26.5	0.1	-26.4
5923.750000	-26.2	0.1	-26.1
5923.250000	-26.0	0.3	-25.7
5925.250000	-27.3	0.3	-27.0
5928.750000	-27.5	0.5	-27.0
5927.250000	-27.6	0.6	-27.0
5927.750000	-27.6	0.6	-27.0
5929.250000	-27.6	0.6	-27.0
5930.250000	-27.6	0.6	-27.0
5928.250000	-27.6	0.6	-27.0
5929.750000	-27.7	0.7	-27.0
5930.750000	-27.7	0.7	-27.0
5925.750000	-27.7	0.7	-27.0
5926.750000	-27.8	0.8	-27.0

Measurement Settings

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



-- End of Report --