



427 West 12800 South  
Draper, UT 84020

## Test Report Attachment

<b>FCC ID</b>	SWX-WAVEPRO
<b>ISED ID</b>	6545A-WAVEPRO
<b>Equipment Under Test</b>	Wave-Pro
<b>Test Report Serial Number</b>	TR7808_01
<b>Date of Test</b>	6 January 2023
<b>Report Issue Date</b>	9 February 2023

### Test Personnel

<b>Testing performed by:</b> 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 2023. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



# 1 DUT Band

## 1.1 UNII-3 Summary

### 1.1.1 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)

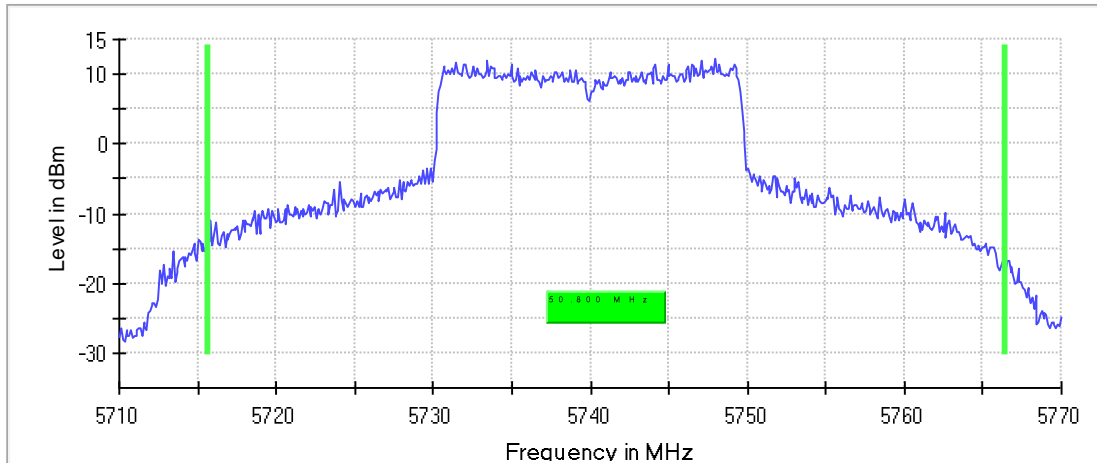
### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	50.800000	---	---	5715.650000	5766.450000

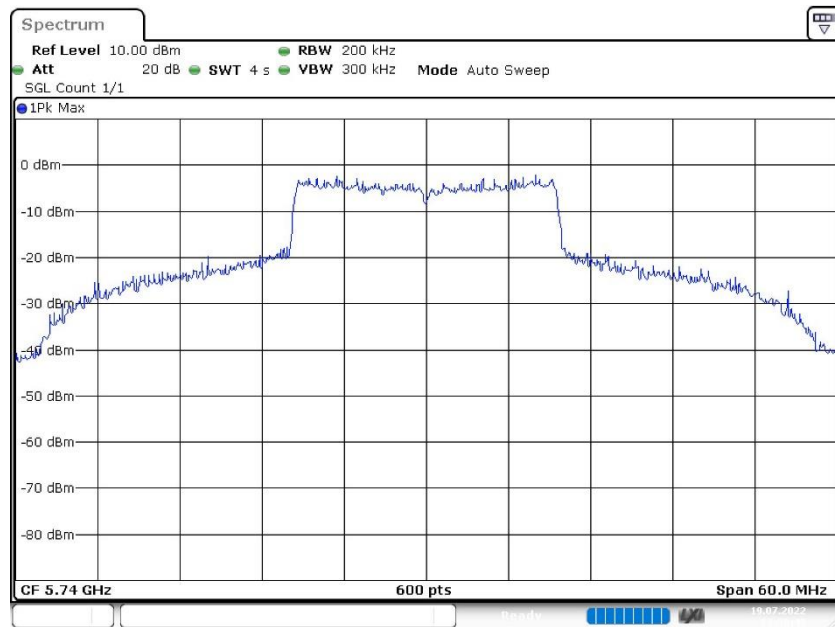
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5740.000000	12.2	PASS

26 dB Bandwidth



Bandwidth



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	26.8	30.0	26.8	85.915	PASS

### OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 $\mu$ s	1.000 $\mu$ s

## Power Spectral Density (5740 MHz; 24.000 dBm; 20 MHz)

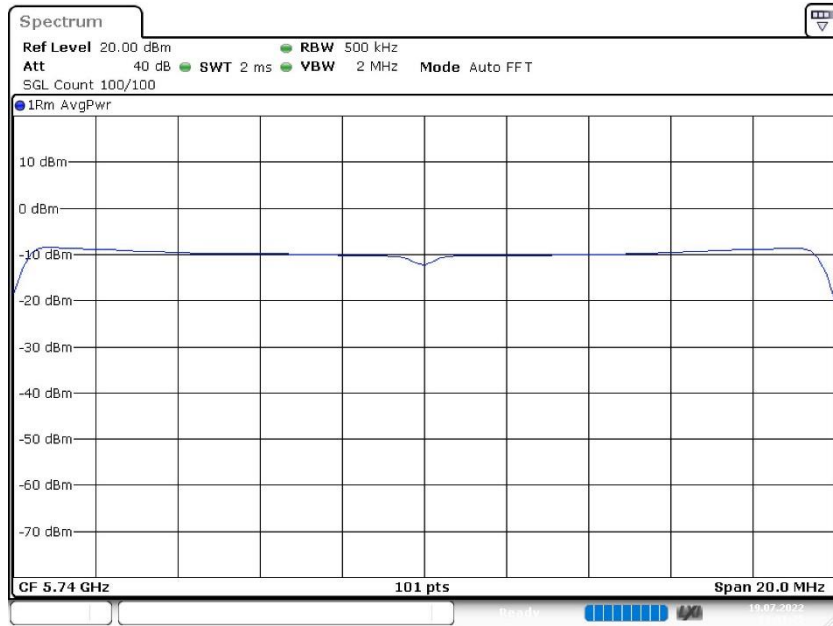
### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5740.000000	5730.891089	8.458	30.0	PASS

### Ports

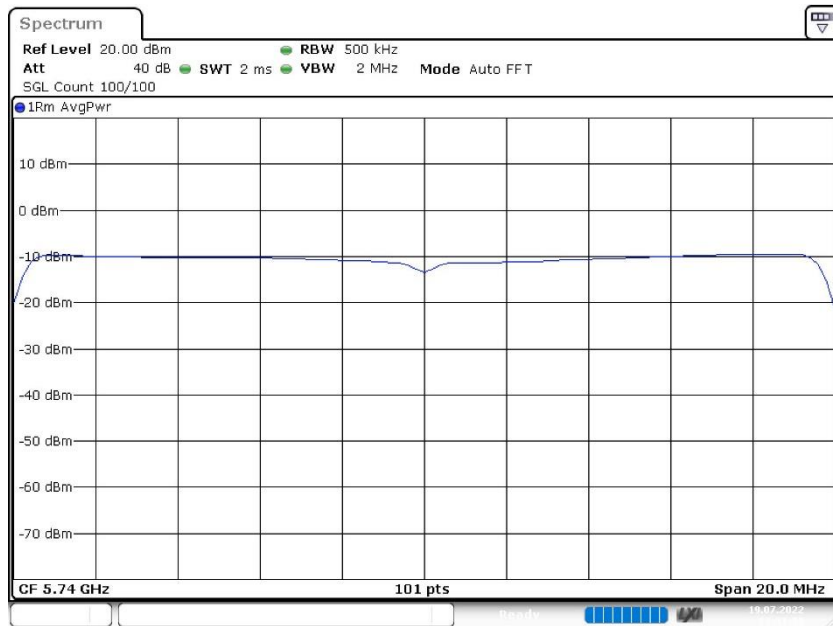
Port	State
1	used
2	used

PSD Connector 1



Date: 19 JUL 2022 23:51:25

### PSD Connector 2



Date: 19 JUL 2022 23:51:30

## 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	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

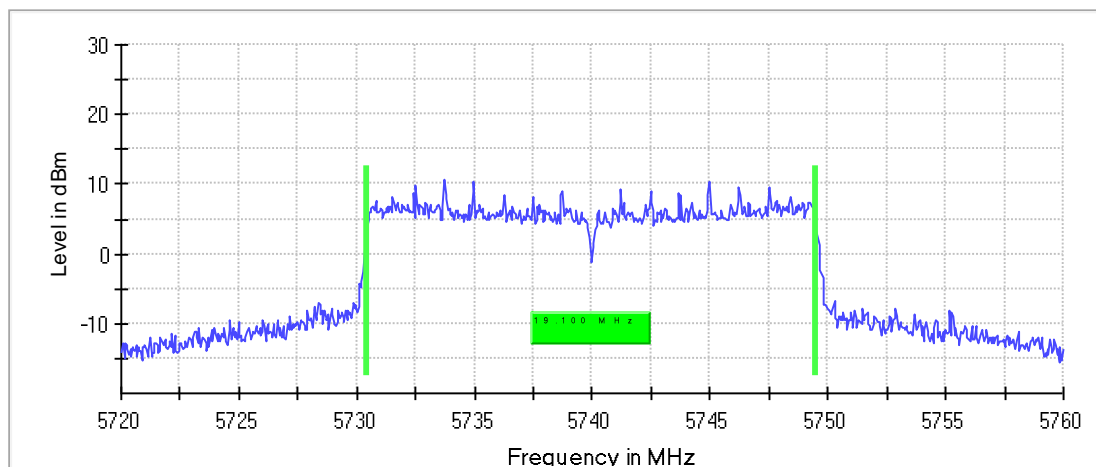
## Minimum Emission Bandwidth 6 dB (5740 MHz; 24.000 dBm; 20 MHz)

### 6 dB Bandwidth

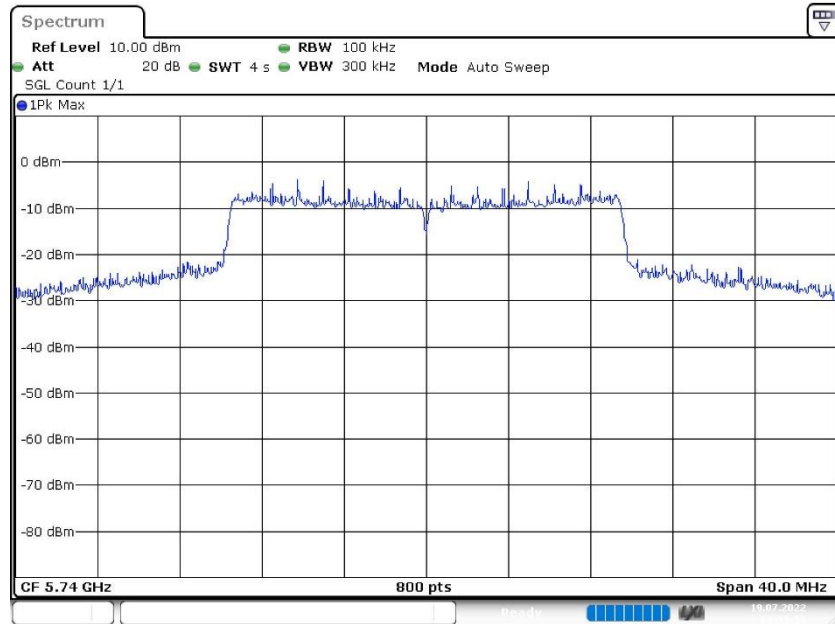
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	19.100000	0.500000	---	5730.425000	5749.525000

DUT Frequency (MHz)	Max Level (dBm)	Result
5740.000000	10.6	PASS

6 dB Bandwidth



Bandwidth



Date: 19.JUL.2022 23:51:40

## Measurement

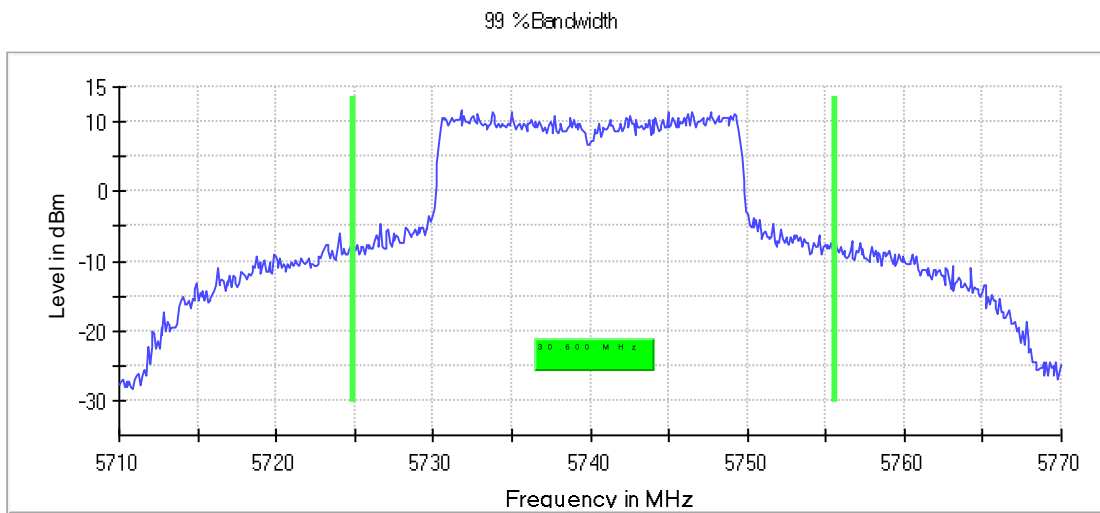
Setting	Instrument Value	Target Value
Start Frequency	5.72000 GHz	5.72000 GHz
Stop Frequency	5.76000 GHz	5.76000 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 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**

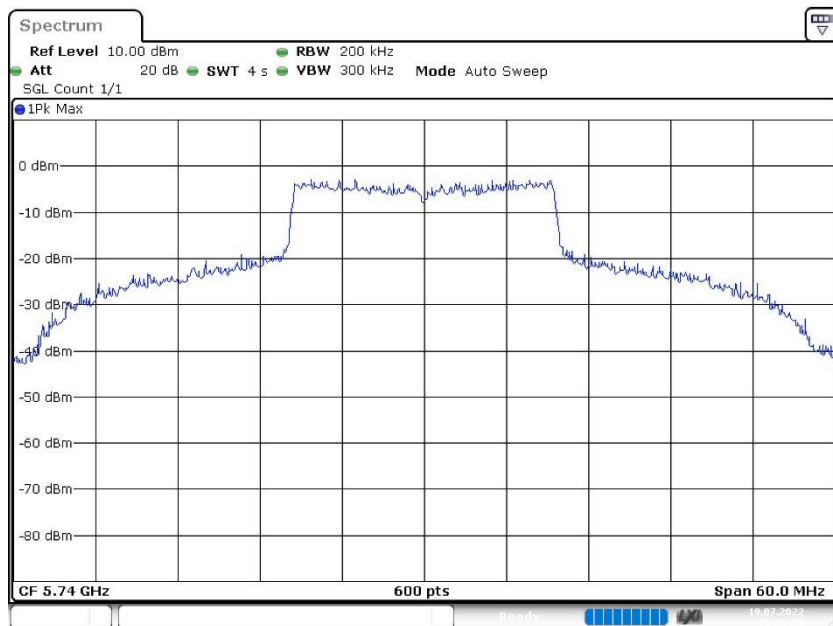
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	30.600000	---	---	5724.950000	5755.550000

DUT Frequency (MHz)	Result
5740.000000	PASS



Bandwidth





Date: 19.JUL.2022 23:51:50

## 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

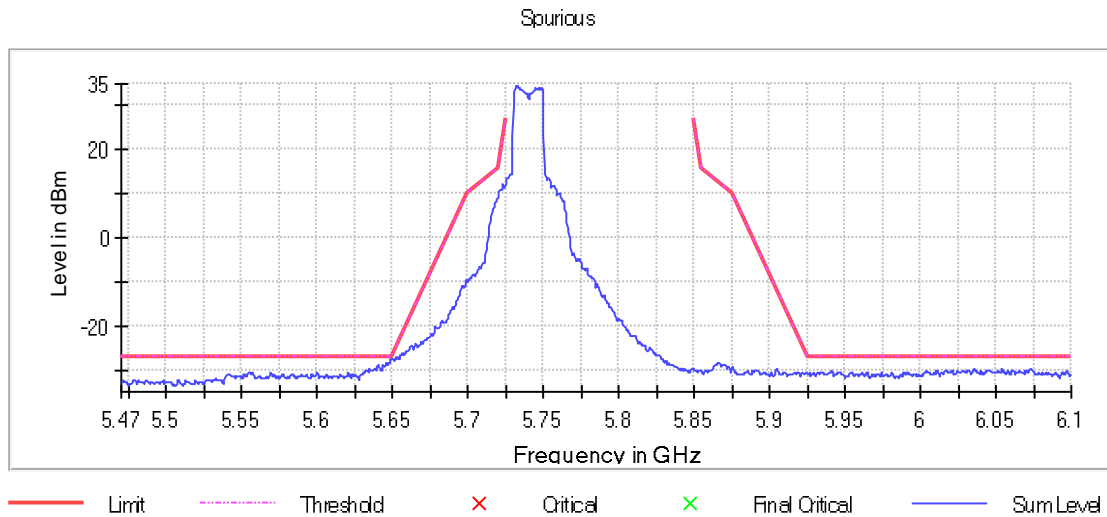
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

## Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5648.750000	-27.5	0.5	-27.0
5649.250000	-27.5	0.5	-27.0
5649.750000	-27.7	0.7	-27.0
5650.250000	-27.6	0.8	-26.8
5648.250000	-28.0	1.0	-27.0
5650.750000	-27.5	1.1	-26.4
5647.750000	-28.4	1.4	-27.0
5645.750000	-28.5	1.5	-27.0
5647.250000	-28.6	1.6	-27.0
5645.250000	-28.7	1.7	-27.0
5646.250000	-28.7	1.7	-27.0
5651.250000	-27.8	1.7	-26.1
5646.750000	-28.8	1.8	-27.0
5643.750000	-28.9	1.9	-27.0
5652.250000	-27.2	1.9	-25.3

## 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 $\mu$ s	AUTO
Reference Level	15.000 dBm	AUTO
Attenuation	25.000 dB	15.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power

Sweep type	FFT	AUTO
Preamp	off	off

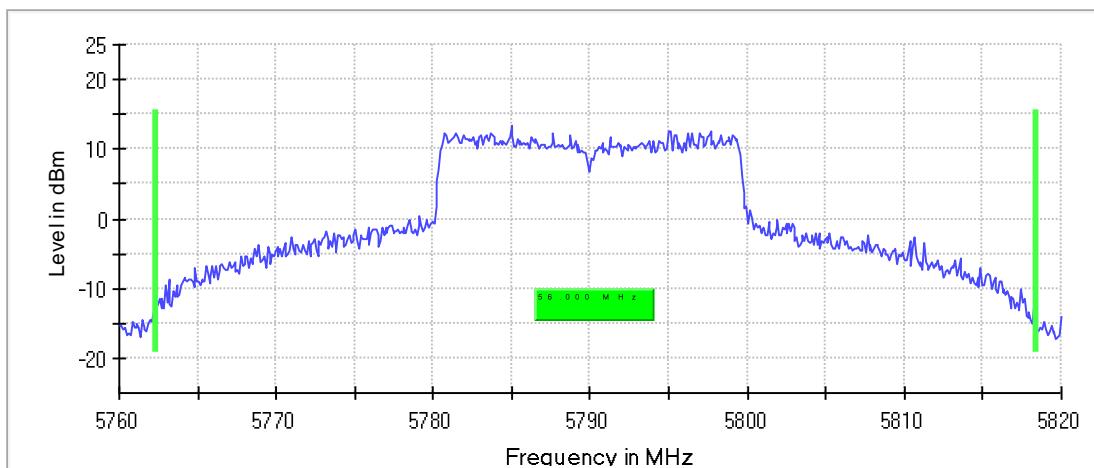
## Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 20 MHz)

### 26 dB Bandwidth

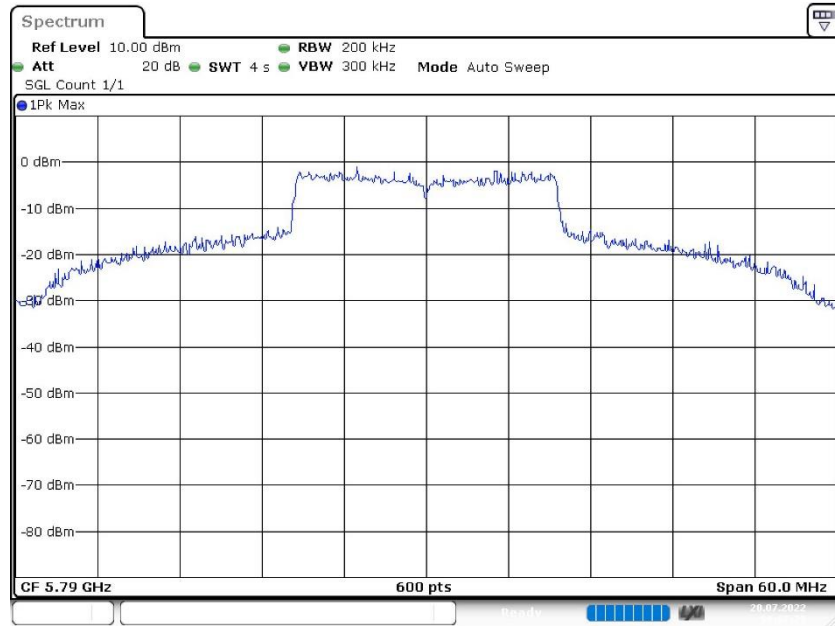
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	56.000000	---	---	5762.350000	5818.350000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	13.5	PASS

26 dB Bandwidth



Bandwidth



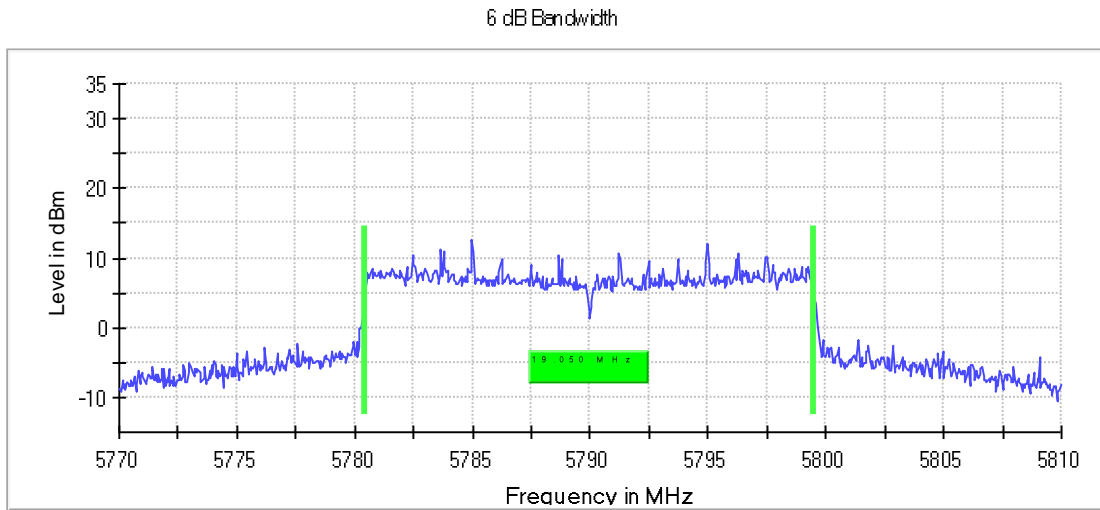
Date: 20 JUL 2022 00:07:30

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

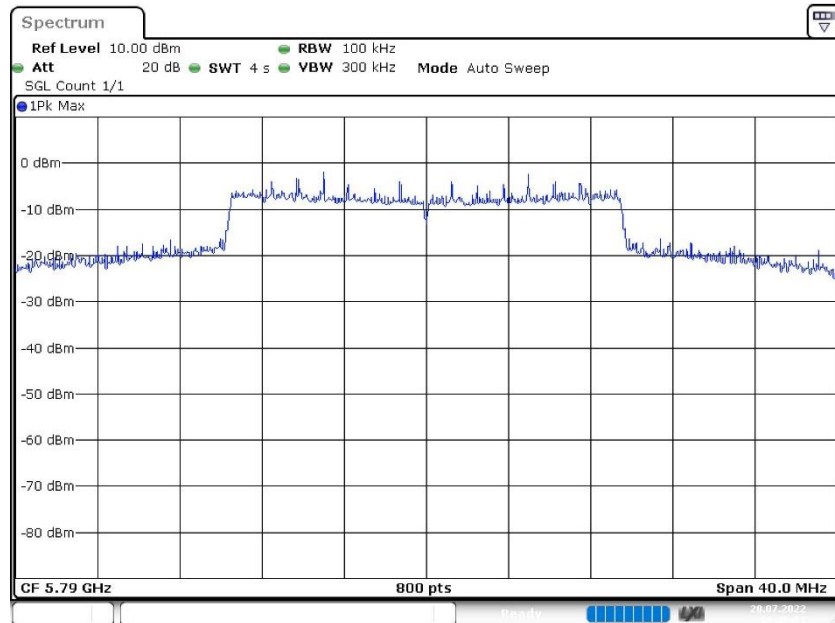
**6 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	19.050000	0.500000	---	5780.425000	5799.475000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	12.5	PASS



**Bandwidth**



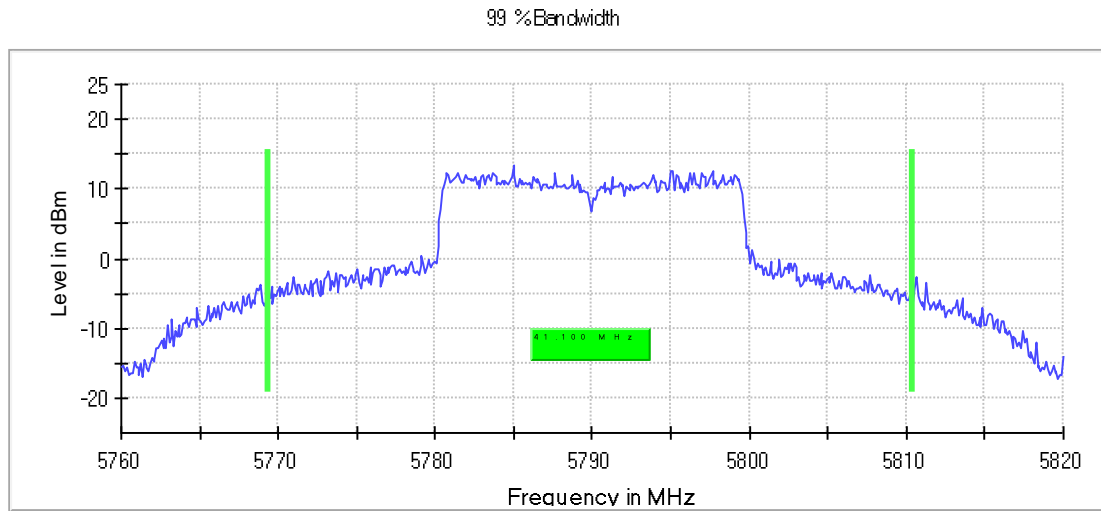
Date: 20.JUL.2022 00:08:21

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

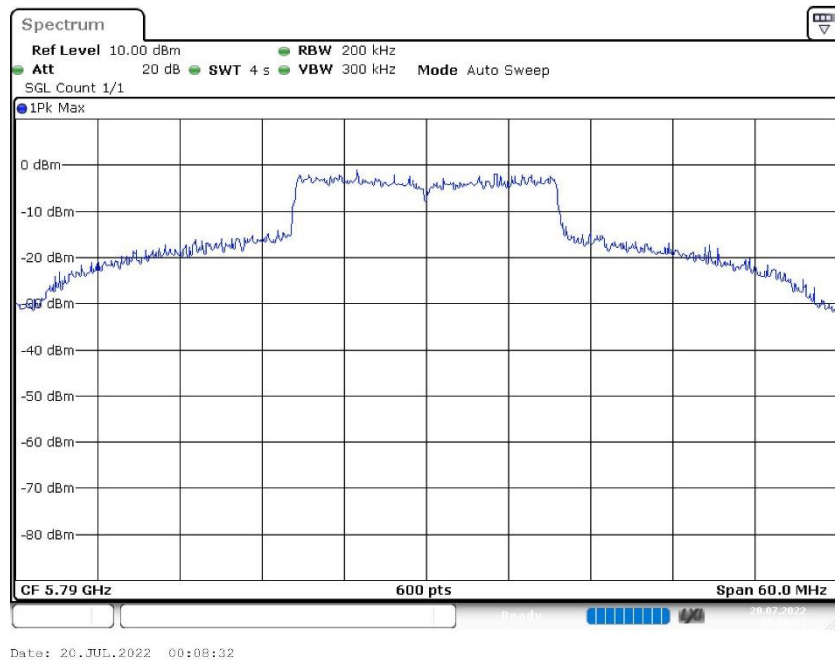
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	41.100000	---	---	5769.350000	5810.450000

DUT Frequency (MHz)	Result
5790.000000	PASS



Bandwidth



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

## Result

DUT Frequency (MHz)	Result
5790.000000	PASS

## Final measurements

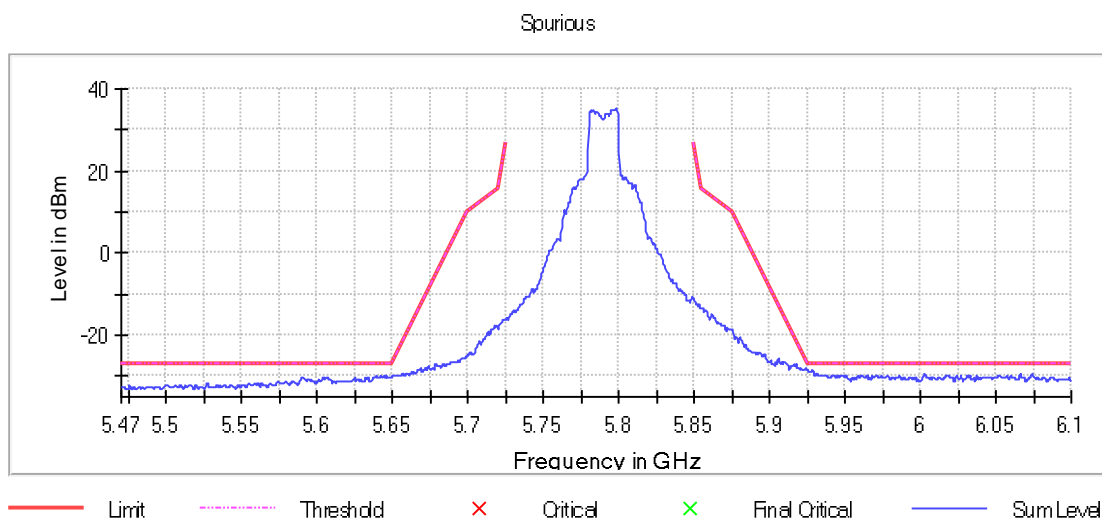
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

## Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5924.750000	-28.4	1.6	-26.8
5928.250000	-28.6	1.6	-27.0
5924.250000	-28.0	1.6	-26.4
5925.250000	-28.6	1.6	-27.0
5928.750000	-28.7	1.7	-27.0
5927.750000	-28.7	1.7	-27.0
5925.750000	-28.8	1.8	-27.0
5926.250000	-28.9	1.9	-27.0
5927.250000	-29.0	2.0	-27.0
5923.750000	-28.1	2.0	-26.1
5926.750000	-29.0	2.0	-27.0
5929.250000	-29.2	2.2	-27.0
5931.750000	-29.4	2.4	-27.0
5931.250000	-29.4	2.4	-27.0
6002.750000	-29.5	2.5	-27.0

## Measurement Settings

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



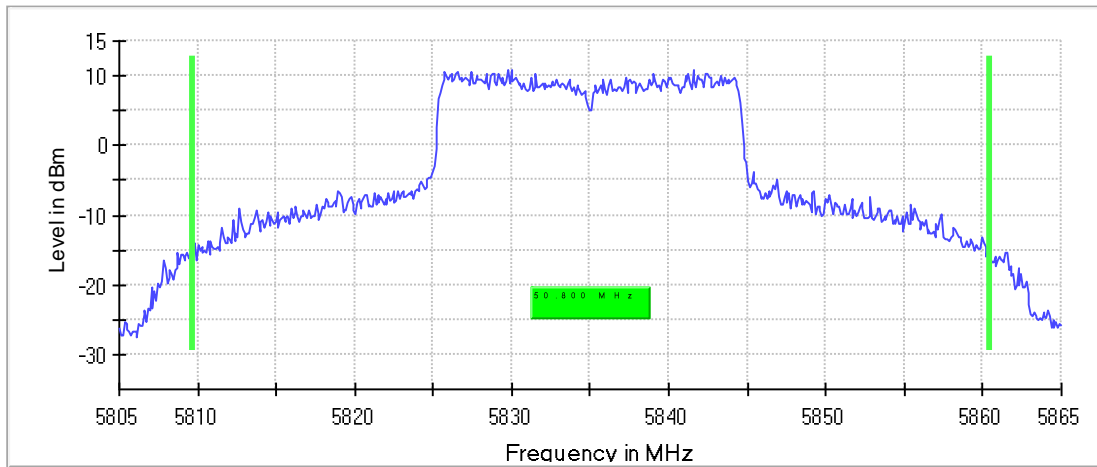
**Emission Bandwidth 26 dB (5835 MHz; 24.000 dBm; 20 MHz)**

**26 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	50.800000	---	---	5809.650000	5860.450000

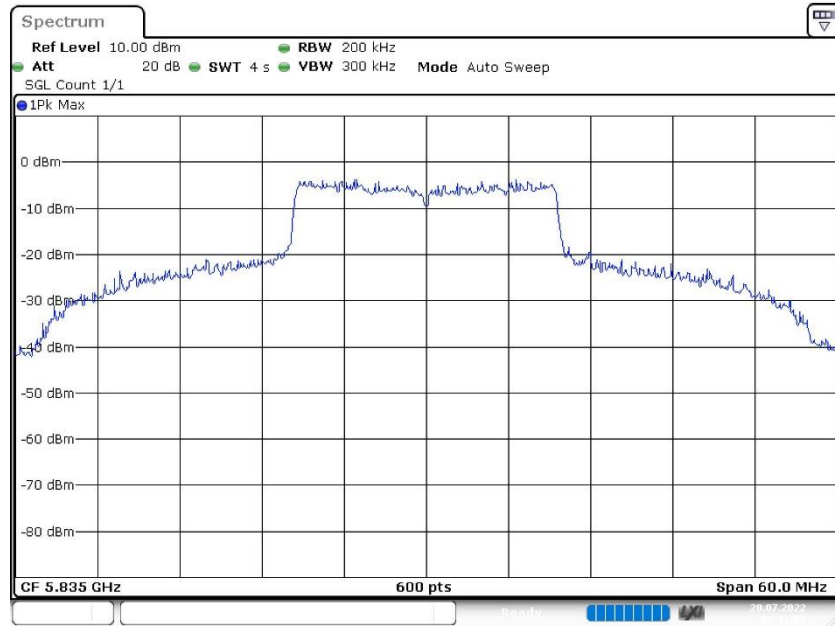
DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	10.9	PASS

26 dB Bandwidth



Bandwidth





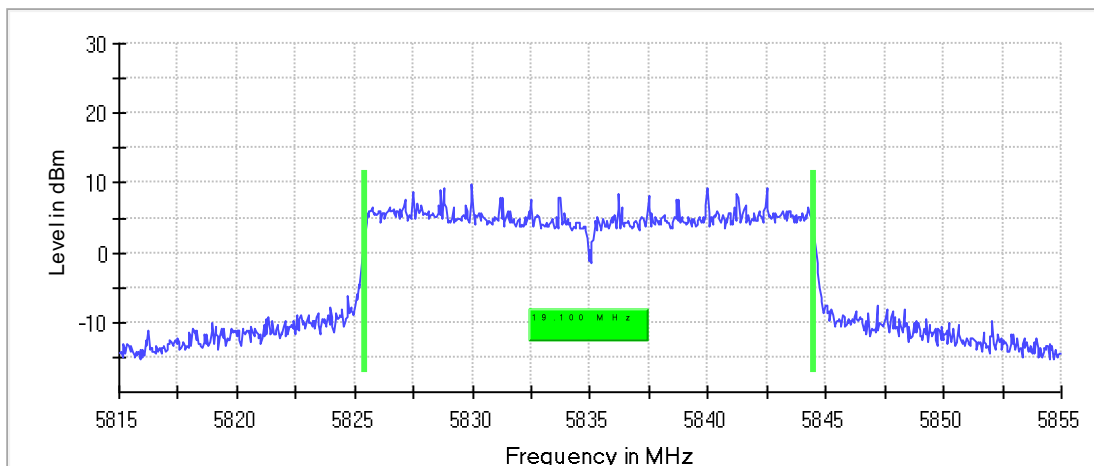
**Minimum Emission Bandwidth 6 dB (5835 MHz; 24.000 dBm; 20 MHz)**

**6 dB Bandwidth**

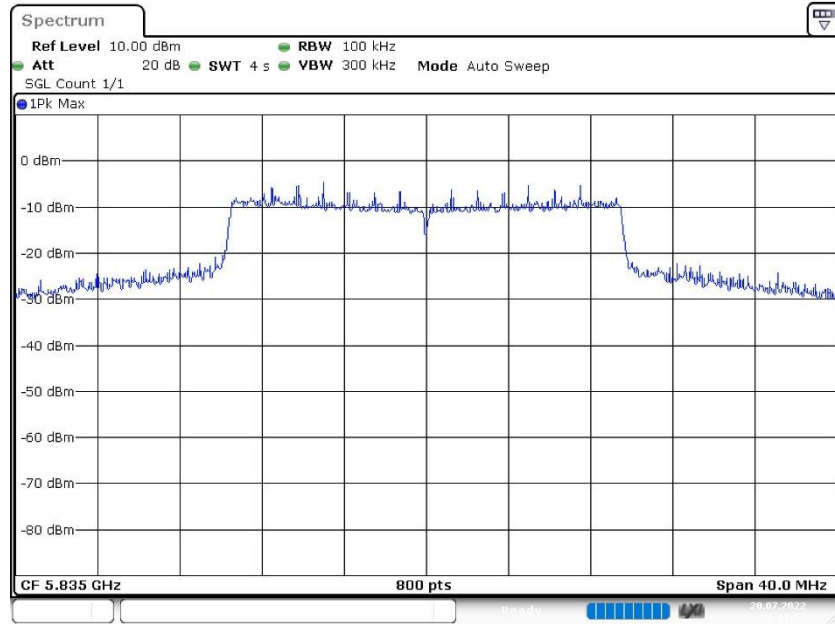
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	19.100000	0.500000	---	5825.425000	5844.525000

DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	9.9	PASS

6 dB Bandwidth



Bandwidth

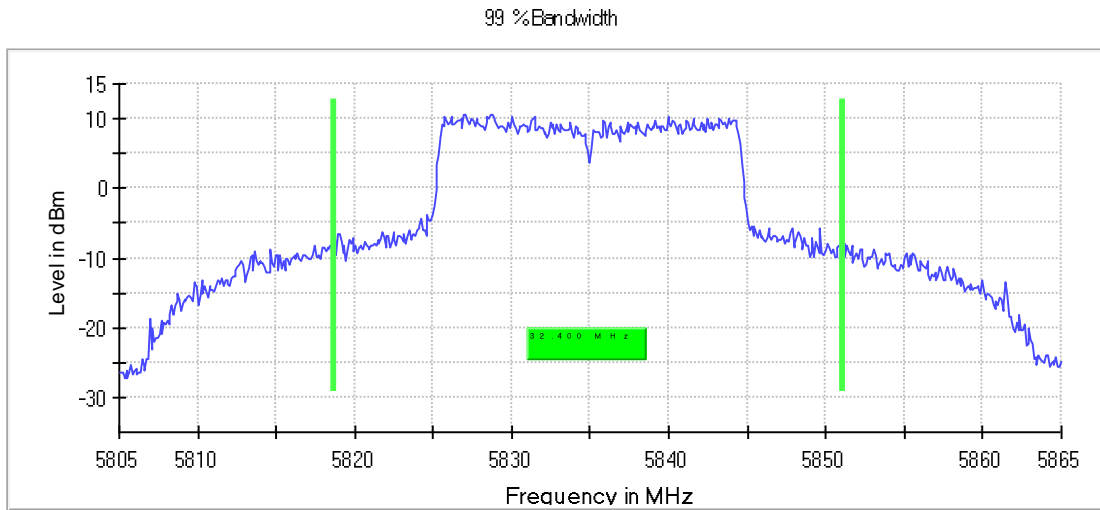


**Occupied Channel Bandwidth 99% (5835 MHz; 24.000 dBm; 20 MHz)**

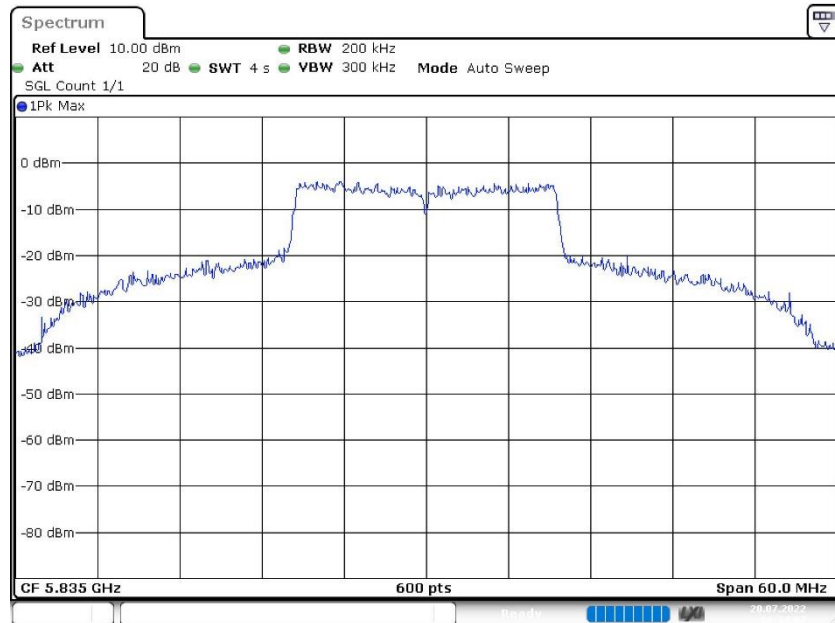
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	32.400000	---	---	5818.650000	5851.050000

DUT Frequency (MHz)	Result
5835.000000	PASS



Bandwidth



Date: 20.JUL.2022 09:14:07

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

**Result**

DUT Frequency (MHz)	Result
5835.000000	PASS

## Final measurements

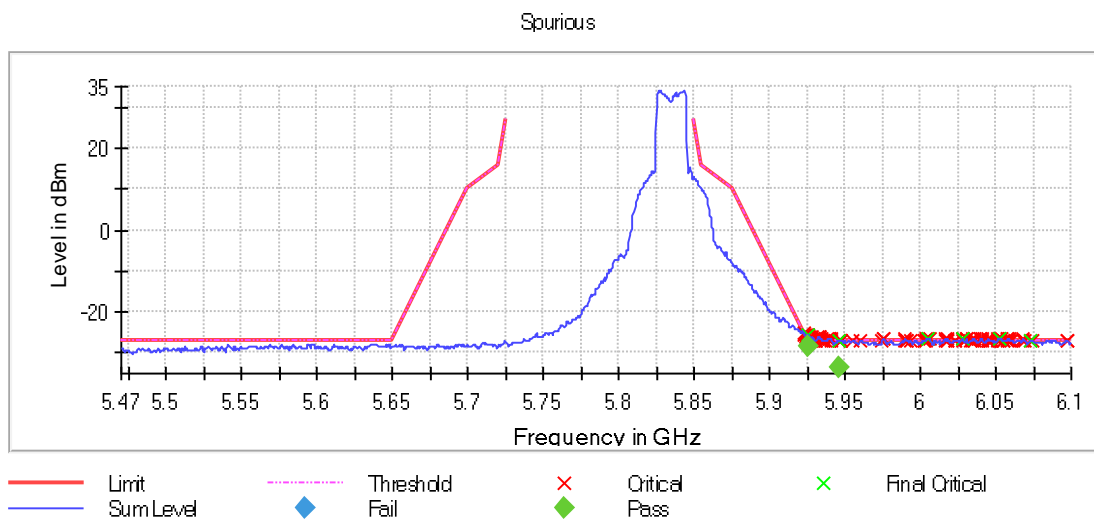
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5925.250000	-25.6	-28.4	-27.0	1.4	PASS
5946.250000	-26.8	-33.7	-27.0	6.7	PASS
6005.250000	-26.5	-35.4	-27.0	8.4	PASS
6028.250000	-26.5	-35.3	-27.0	8.3	PASS
6052.250000	-26.4	-35.9	-27.0	8.9	PASS
6073.250000	-26.9	-36.1	-27.0	9.1	PASS

## Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5925.250000	-25.6	-1.4	-27.0
5925.750000	-25.8	-1.2	-27.0
5924.750000	-25.7	-1.1	-26.8
5926.250000	-25.9	-1.1	-27.0
5932.750000	-26.1	-0.9	-27.0
5932.250000	-26.3	-0.7	-27.0
5933.250000	-26.3	-0.7	-27.0
5928.250000	-26.3	-0.7	-27.0
5928.750000	-26.3	-0.7	-27.0
6052.250000	-26.4	-0.6	-27.0
6058.250000	-26.4	-0.6	-27.0
6052.750000	-26.4	-0.6	-27.0
6040.250000	-26.4	-0.6	-27.0
5926.750000	-26.5	-0.5	-27.0
5940.250000	-26.5	-0.5	-27.0

## Measurement Settings

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



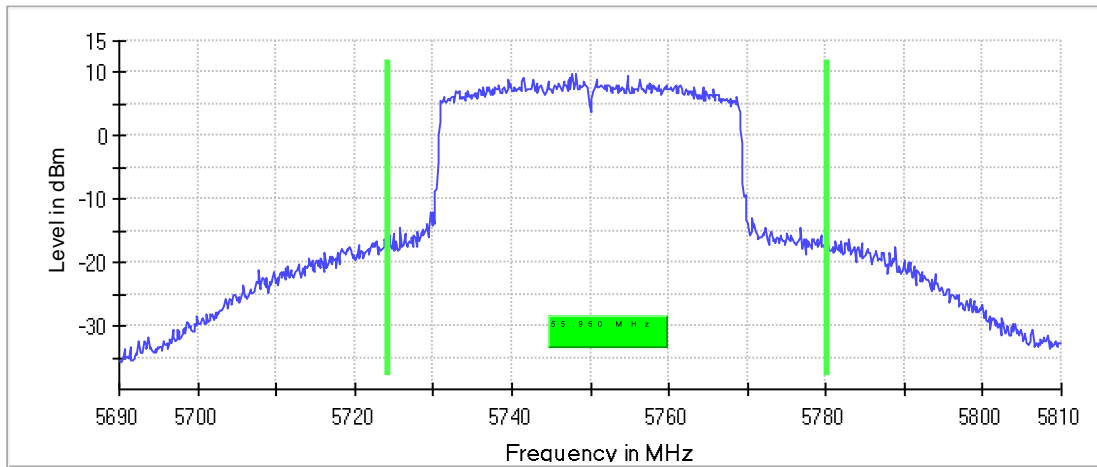
**Emission Bandwidth 26 dB (5750 MHz; 24.000 dBm; 40 MHz)**

**26 dB Bandwidth**

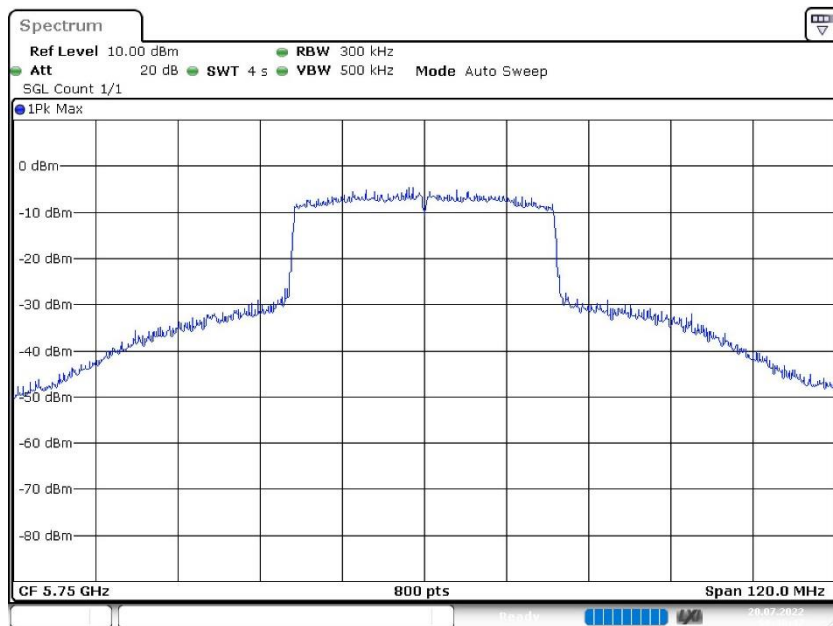
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	55.950000	---	---	5724.275000	5780.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5750.000000	9.9	PASS

26 dB Bandwidth



Bandwidth

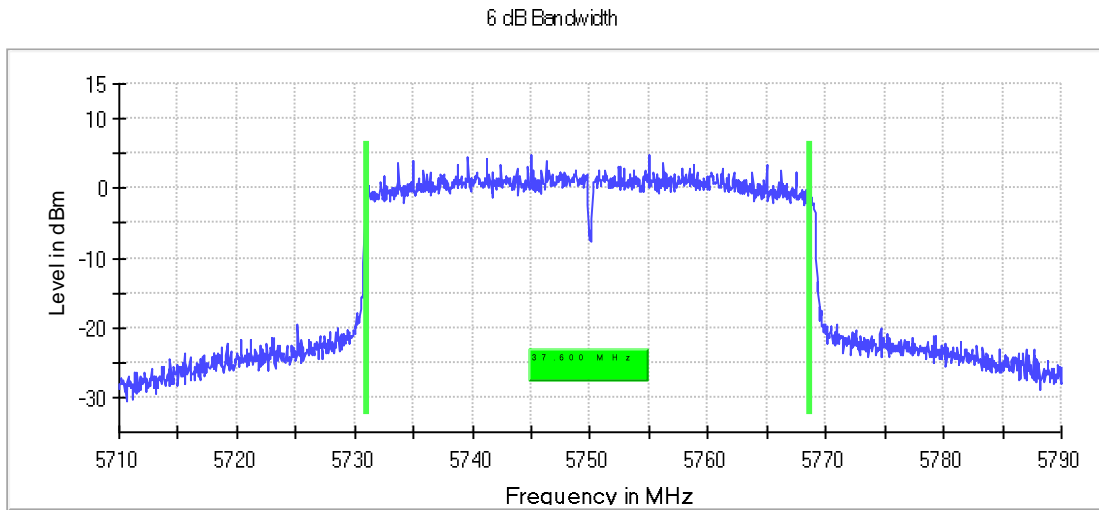


**Minimum Emission Bandwidth 6 dB (5750 MHz; 24.000 dBm; 40 MHz)**

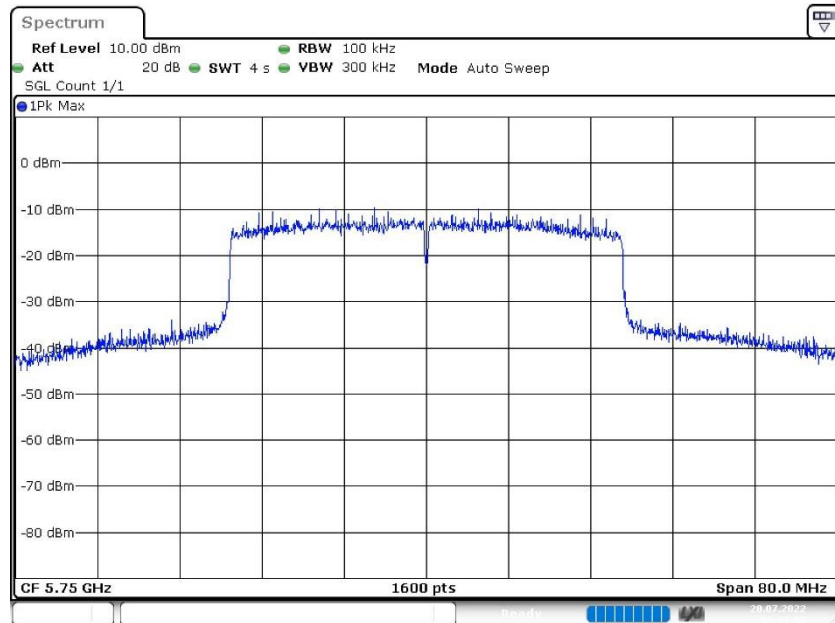
**6 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	37.600000	0.500000	---	5731.075000	5768.675000

DUT Frequency (MHz)	Max Level (dBm)	Result
5750.000000	4.8	PASS



**Bandwidth**



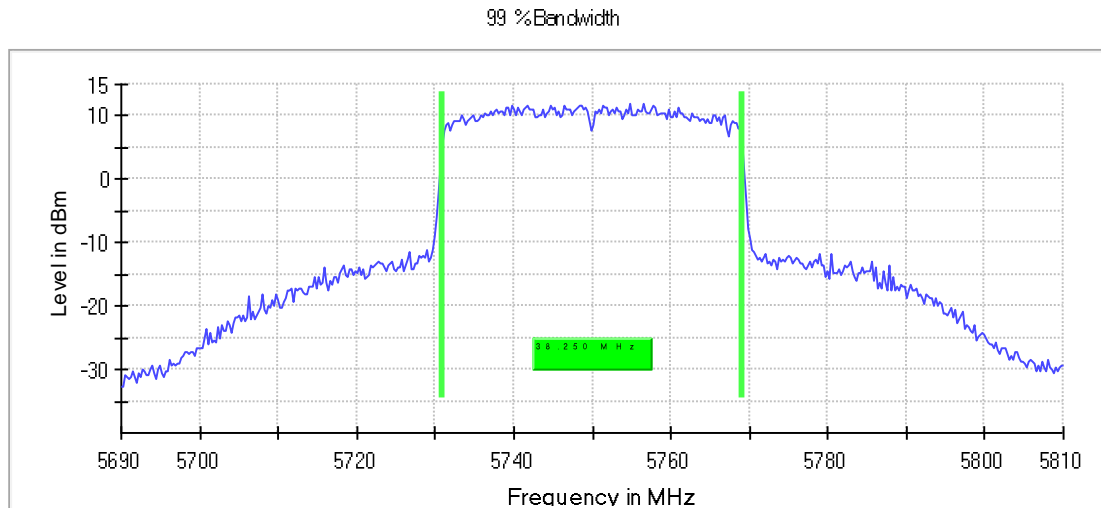
Date: 20 JUL 2022 00:31:38

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

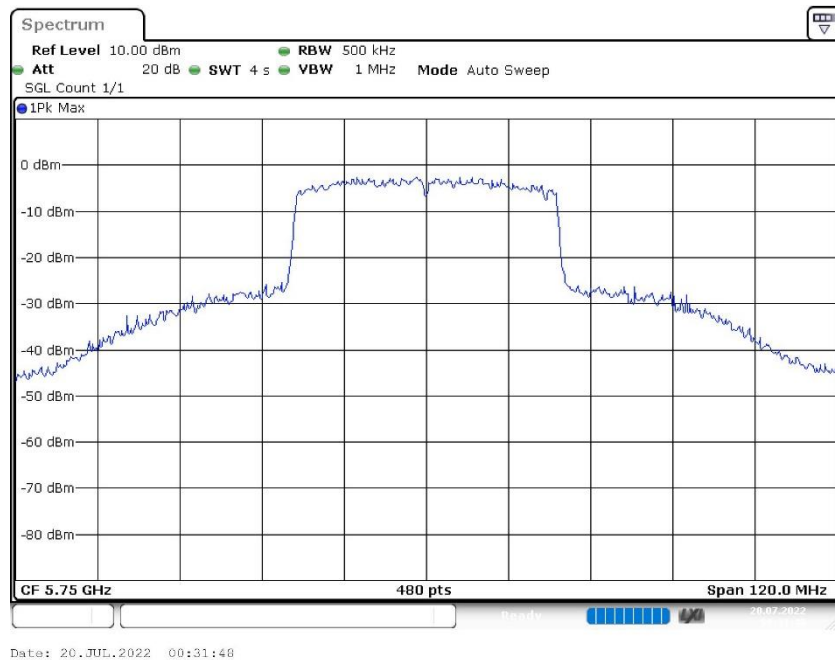
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	38.250000	---	---	5730.875000	5769.125000

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

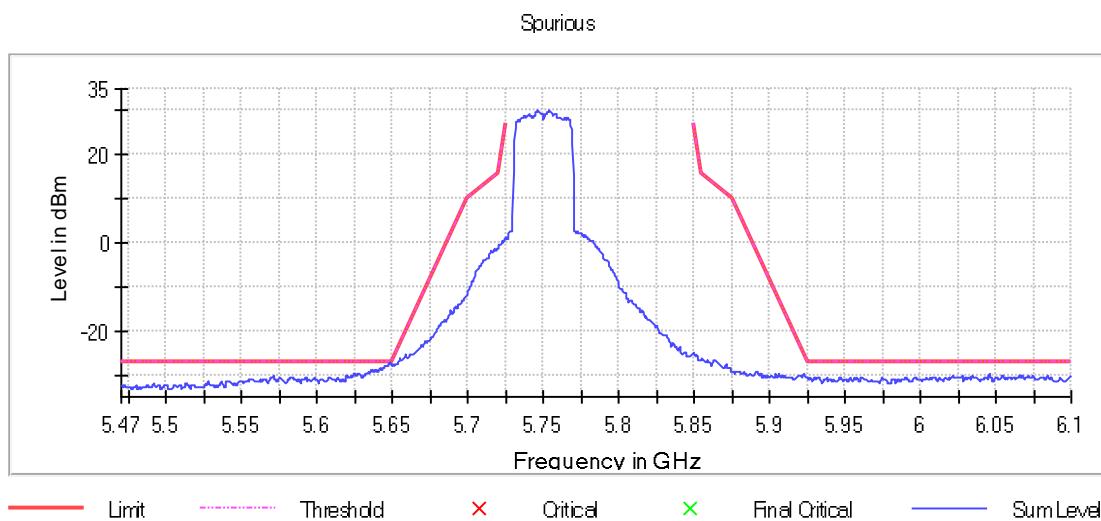
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

## Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5648.250000	-27.3	0.3	-27.0
5647.750000	-27.3	0.3	-27.0
5648.750000	-27.4	0.4	-27.0
5647.250000	-27.6	0.6	-27.0
5649.250000	-27.7	0.7	-27.0
5646.750000	-27.8	0.8	-27.0
5645.250000	-27.9	0.9	-27.0
5644.750000	-28.0	1.0	-27.0
5646.250000	-28.0	1.0	-27.0
5650.250000	-27.8	1.0	-26.8
5645.750000	-28.1	1.1	-27.0
5649.750000	-28.2	1.2	-27.0
5650.750000	-27.6	1.2	-26.4
5644.250000	-28.3	1.3	-27.0
5643.750000	-28.3	1.3	-27.0

## Measurement Settings

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



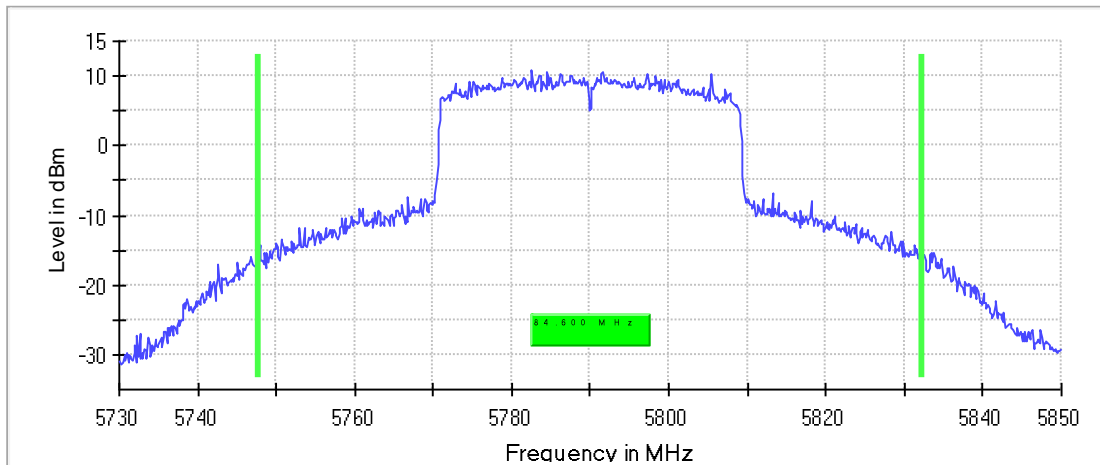
**Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 40 MHz)**

**26 dB Bandwidth**

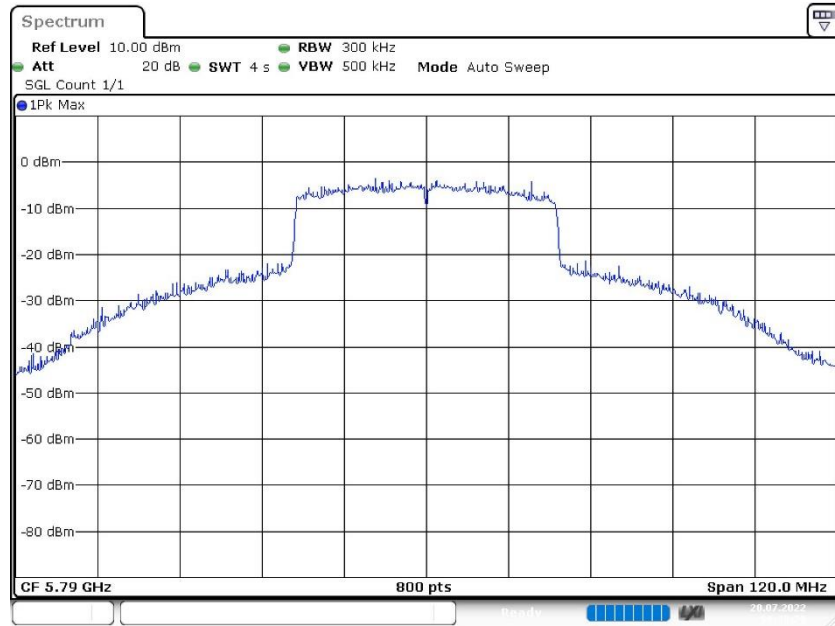
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	84.600000	---	---	5747.775000	5832.375000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	11.0	PASS

26 dB Bandwidth



Bandwidth



Date: 20 JUL 2022 00:39:20

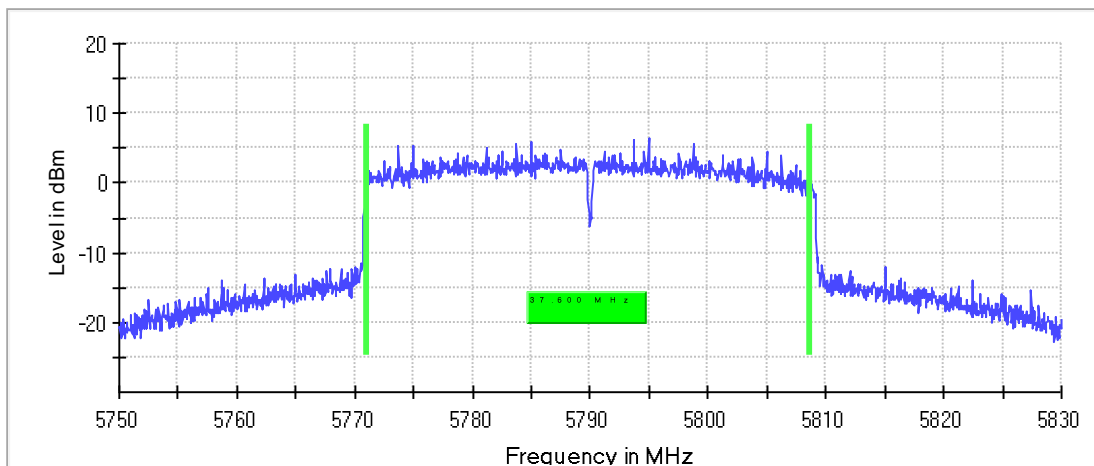
**Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 40 MHz)**

**6 dB Bandwidth**

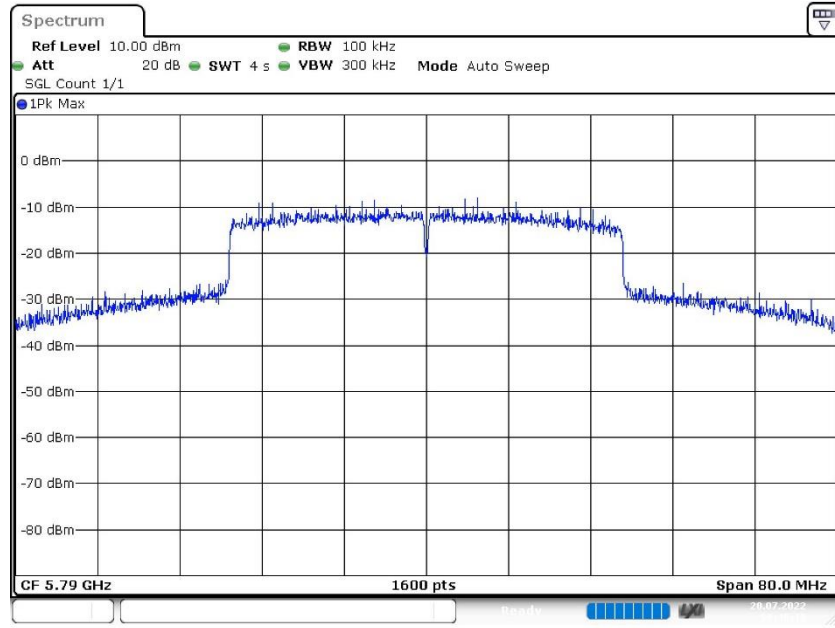
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	37.600000	0.500000	---	5771.025000	5808.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	6.4	PASS

6 dB Bandwidth



Bandwidth

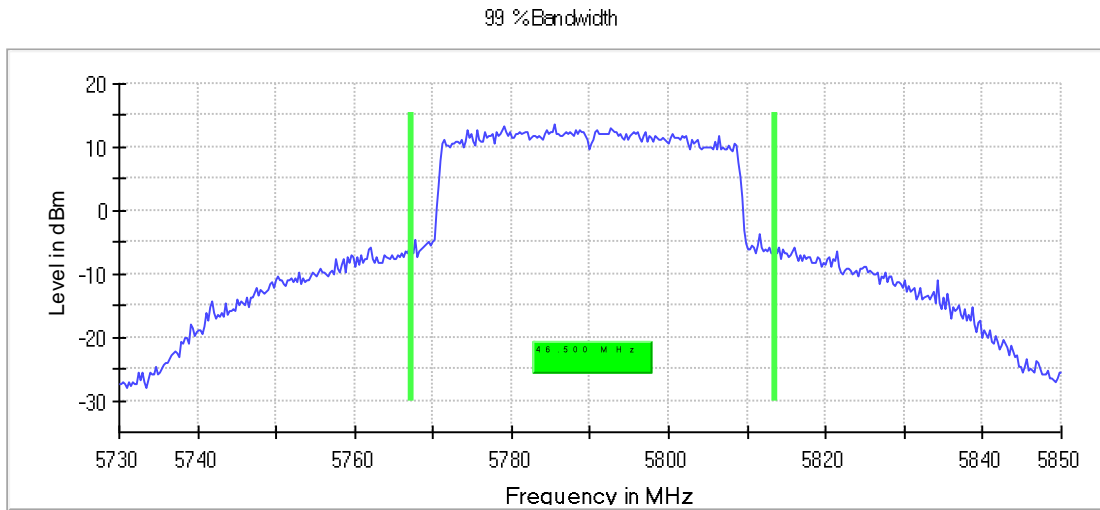


**Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 40 MHz)**

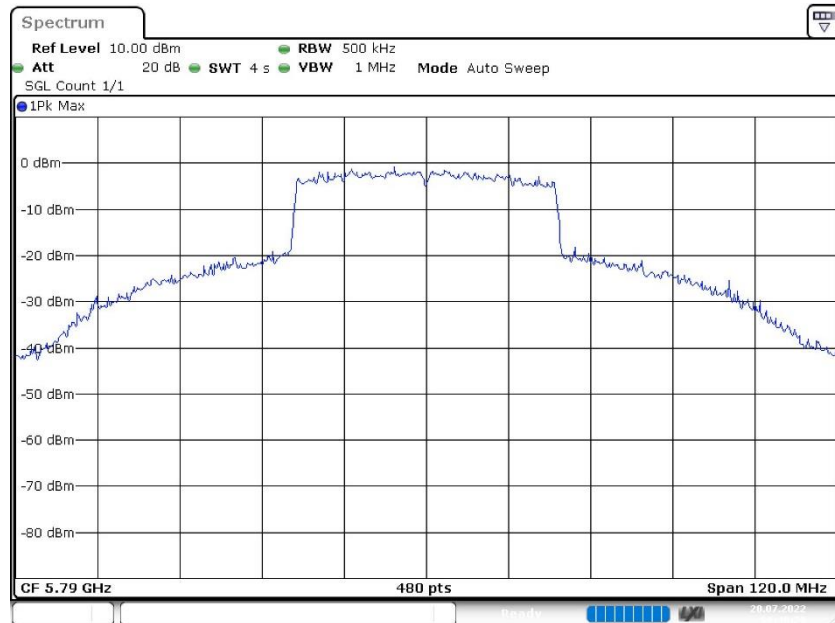
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	46.500000	---	---	5767.125000	5813.625000

DUT Frequency (MHz)	Result
5790.000000	PASS



**Bandwidth**



Date: 20.JUL.2022 00:40:21

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

**Result**

DUT Frequency (MHz)	Result
5790.000000	PASS

## Final measurements

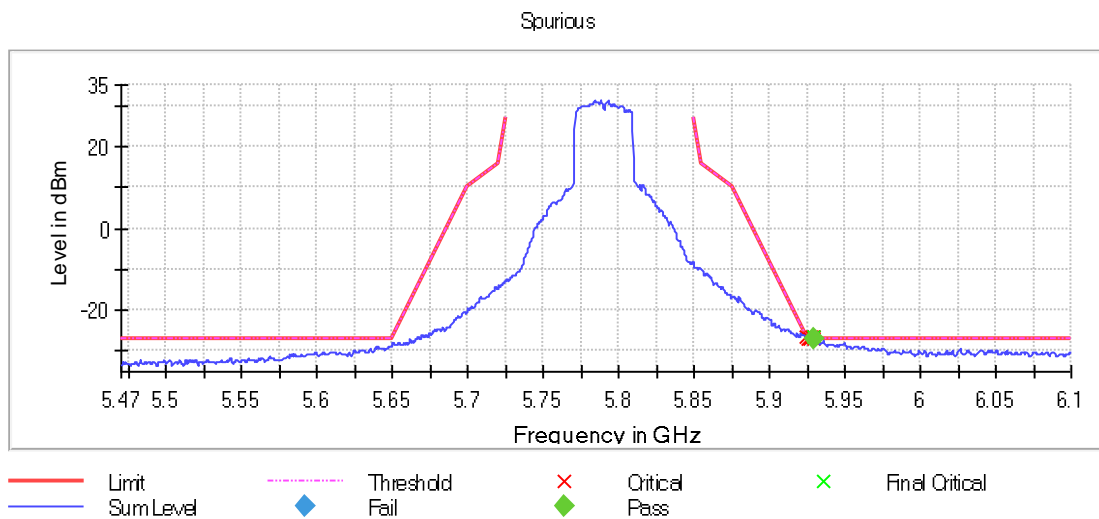
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5929.250000	-26.7	-27.1	-27.0	0.1	PASS

## Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5929.250000	-26.7	-0.3	-27.0
5928.750000	-26.7	-0.3	-27.0
5928.250000	-26.8	-0.2	-27.0
5926.750000	-26.8	-0.2	-27.0
5925.250000	-26.8	-0.2	-27.0
5929.750000	-26.8	-0.2	-27.0
5924.750000	-26.7	-0.1	-26.8
5927.750000	-27.0	0.0	-27.0
5926.250000	-27.0	0.0	-27.0
5927.250000	-27.0	0.0	-27.0
5931.250000	-27.1	0.1	-27.0
5930.250000	-27.2	0.2	-27.0
5930.750000	-27.2	0.2	-27.0
5925.750000	-27.3	0.3	-27.0
5923.750000	-26.4	0.3	-26.1

## Measurement Settings

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



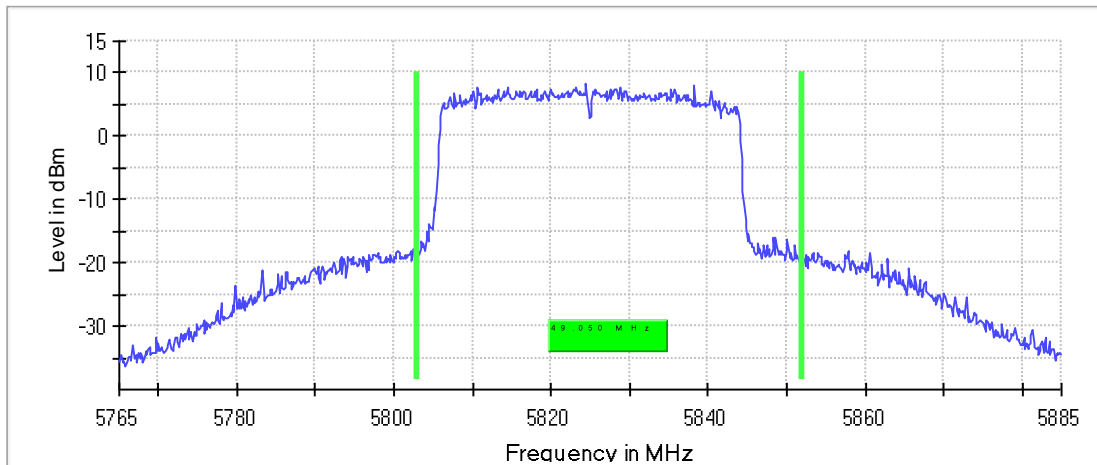
## Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 40 MHz)

### 26 dB Bandwidth

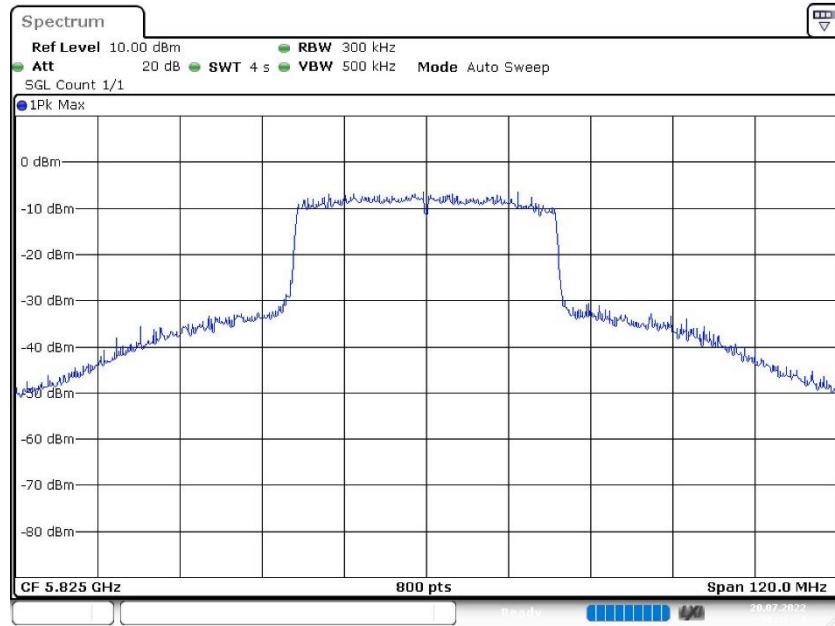
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	49.050000	---	---	5802.875000	5851.925000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	8.2	PASS

26 dB Bandwidth



Bandwidth



Date: 20 JUL 2022 00:56:25

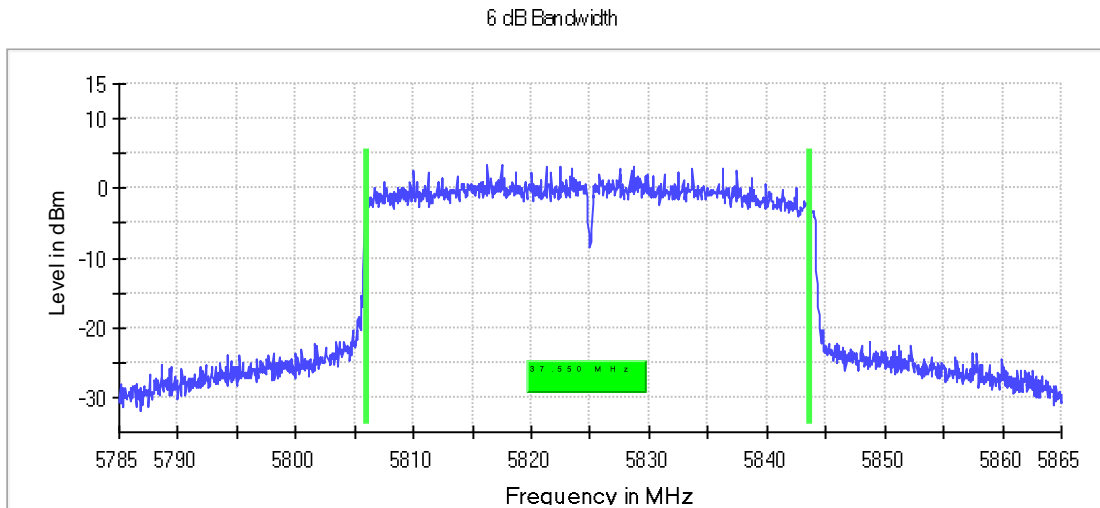
**Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 40 MHz)**

**6 dB Bandwidth**

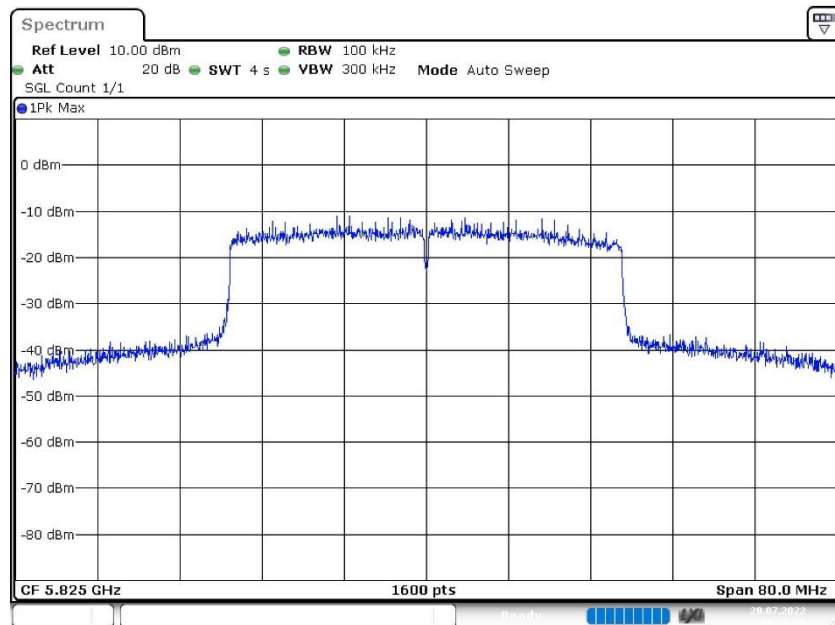
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	37.550000	0.500000	---	5806.025000	5843.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	3.5	PASS





Bandwidth

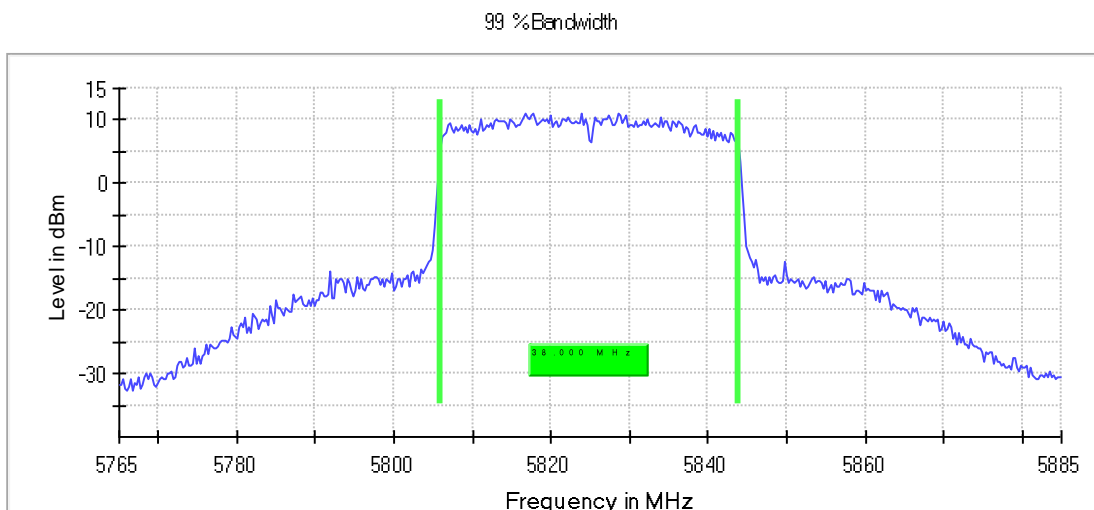


**Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 40 MHz)**

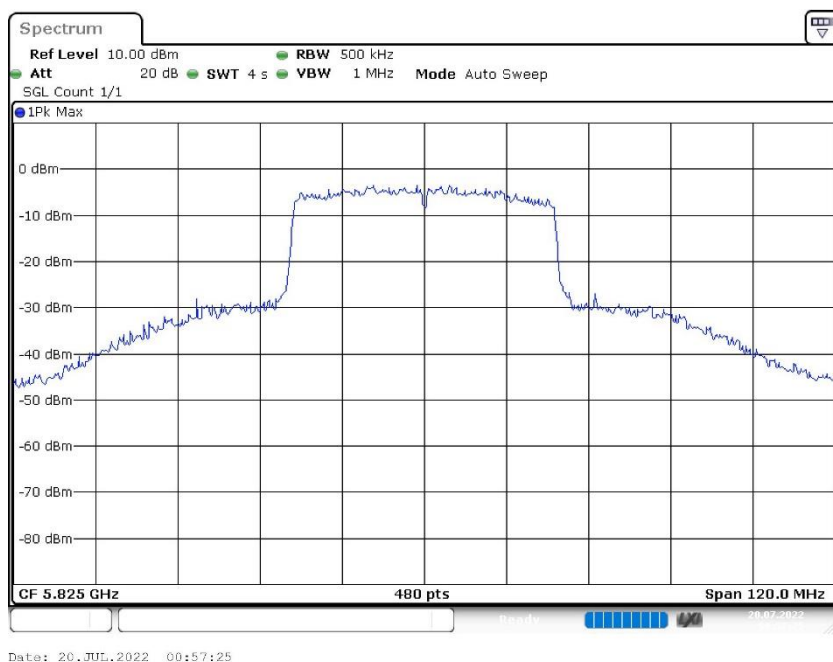
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	38.000000	---	---	5805.875000	5843.875000

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

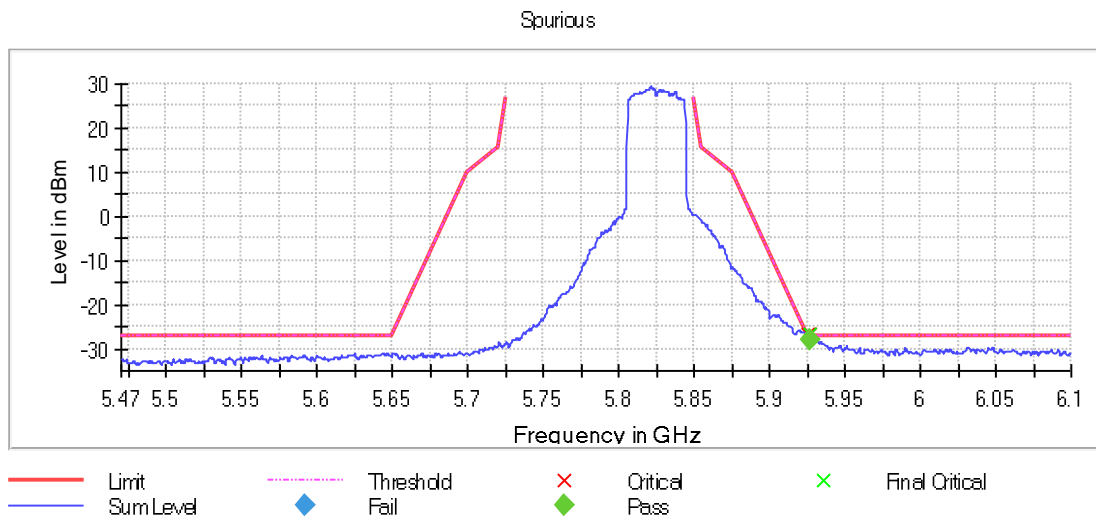
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5926.250000	-26.7	-28.2	-27.0	1.2	PASS

### Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5926.250000	-26.7	-0.3	-27.0
5926.750000	-26.8	-0.2	-27.0
5925.750000	-26.9	-0.1	-27.0
5927.250000	-27.0	0.0	-27.0
5927.750000	-27.1	0.1	-27.0
5928.250000	-27.2	0.2	-27.0
5925.250000	-27.3	0.3	-27.0
5924.750000	-27.2	0.4	-26.8
5924.250000	-26.9	0.4	-26.4
5928.750000	-27.5	0.5	-27.0
5929.250000	-27.5	0.5	-27.0
5923.250000	-26.3	0.6	-25.7
5923.750000	-26.7	0.6	-26.1
5929.750000	-27.7	0.7	-27.0
5922.750000	-26.2	0.8	-25.3

### Measurement Settings

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



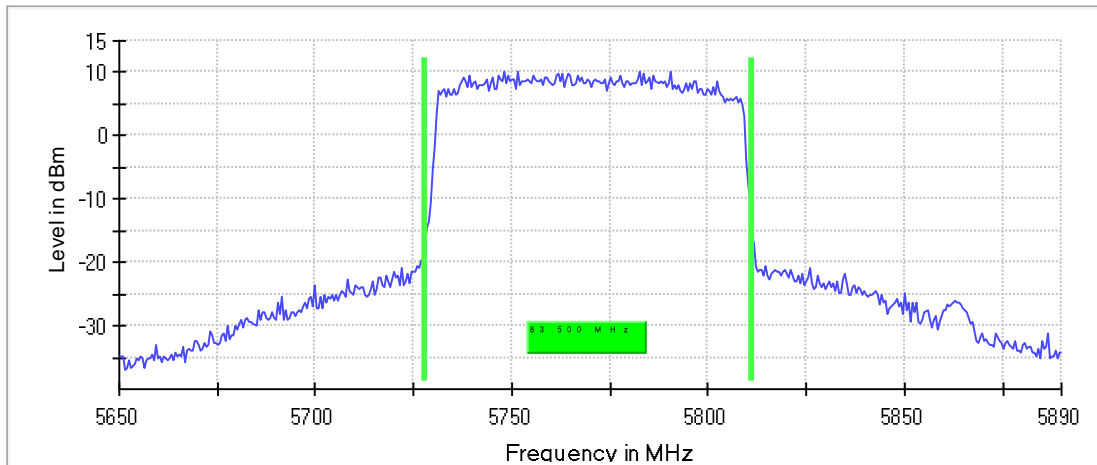
**Emission Bandwidth 26 dB (5770 MHz; 24.000 dBm; 80 MHz)**

**26 dB Bandwidth**

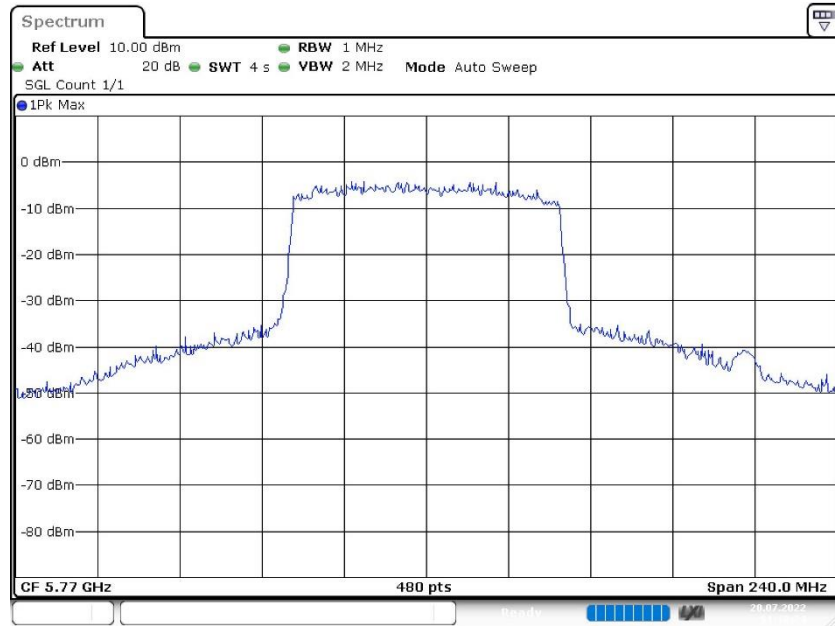
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5770.000000	83.500000	---	---	5727.750000	5811.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5770.000000	10.2	PASS

26 dB Bandwidth



Bandwidth



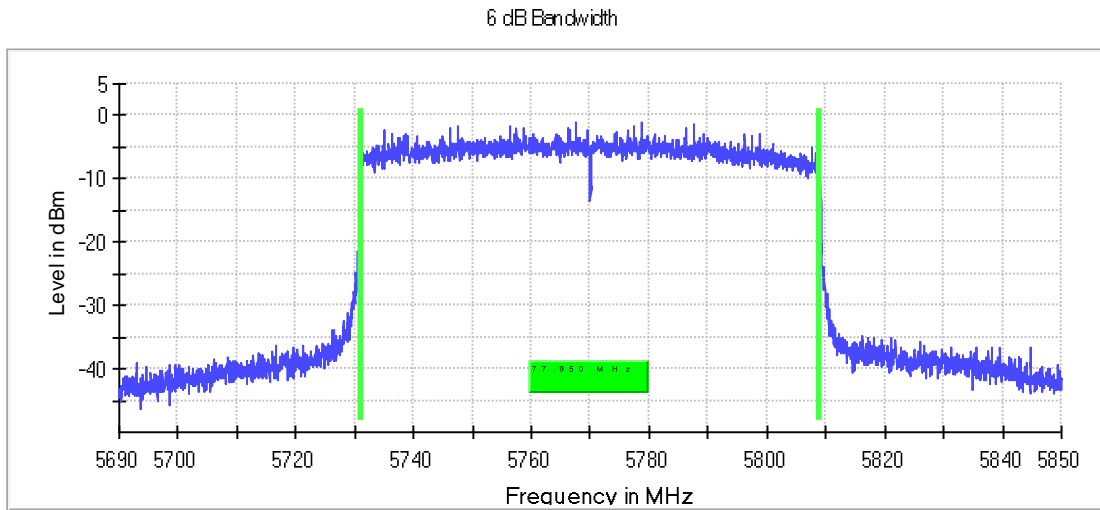
Date: 20.JUL.2022 01:18:24

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

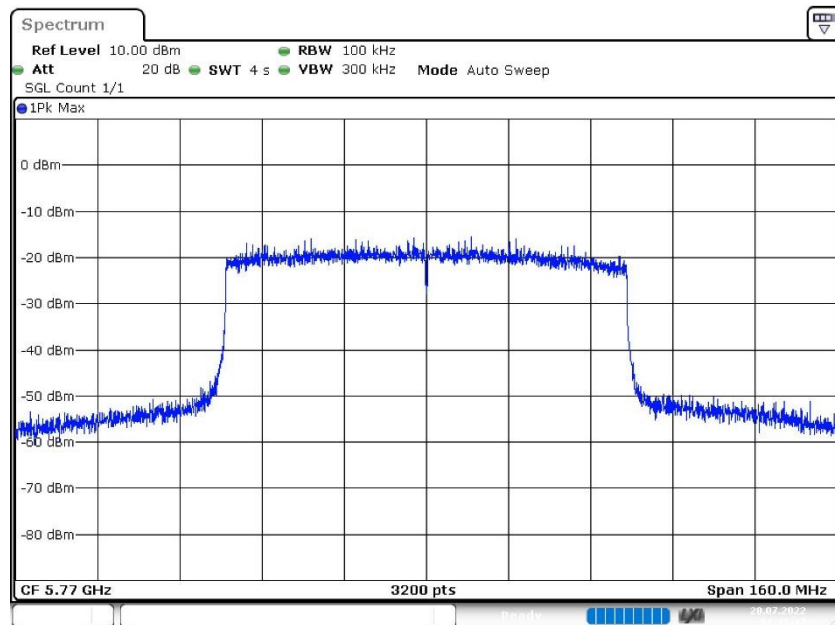
#### 6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5770.000000	77.950000	0.500000	---	5731.025000	5808.975000

DUT Frequency (MHz)	Max Level (dBm)	Result
5770.000000	-1.0	PASS



**Bandwidth**

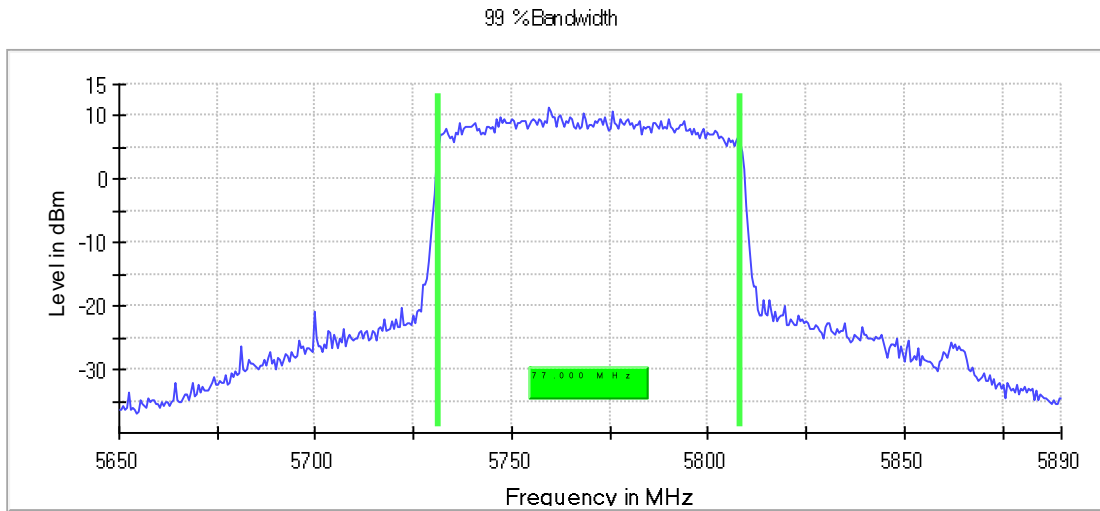


**Occupied Channel Bandwidth 99% (5770 MHz; 24.000 dBm; 80 MHz)**

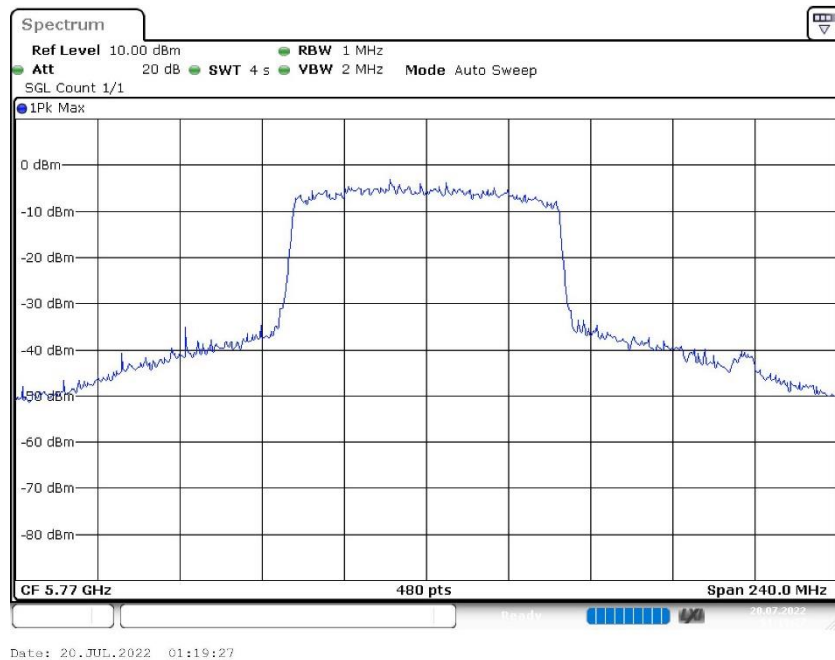
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5770.000000	77.000000	---	---	5731.250000	5808.250000

DUT Frequency (MHz)	Result
5770.000000	PASS



Bandwidth



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

## Result

DUT Frequency (MHz)	Result
5770.000000	PASS

## Final measurements

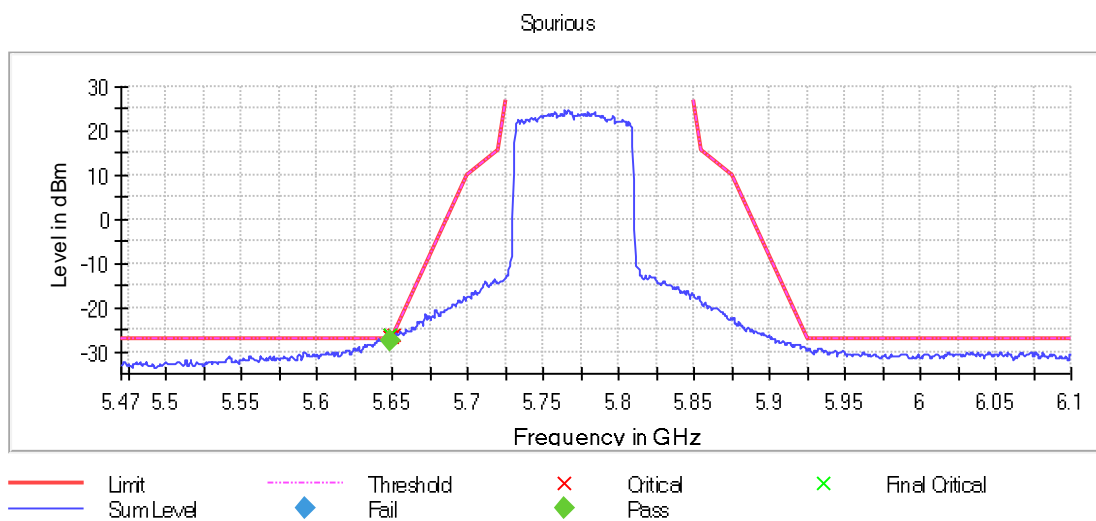
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5648.250000	-26.2	-27.5	-27.0	0.5	PASS

## Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5648.250000	-26.2	-0.8	-27.0
5648.750000	-26.6	-0.4	-27.0
5647.750000	-26.7	-0.3	-27.0
5650.250000	-26.5	-0.3	-26.8
5649.750000	-26.8	-0.2	-27.0
5650.750000	-26.3	-0.1	-26.4
5649.250000	-27.0	0.0	-27.0
5643.750000	-27.0	0.0	-27.0
5651.250000	-26.1	0.0	-26.1
5640.750000	-27.1	0.1	-27.0
5643.250000	-27.2	0.2	-27.0
5644.250000	-27.3	0.3	-27.0
5646.250000	-27.3	0.3	-27.0
5641.250000	-27.3	0.3	-27.0
5646.750000	-27.4	0.4	-27.0

## Measurement Settings

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





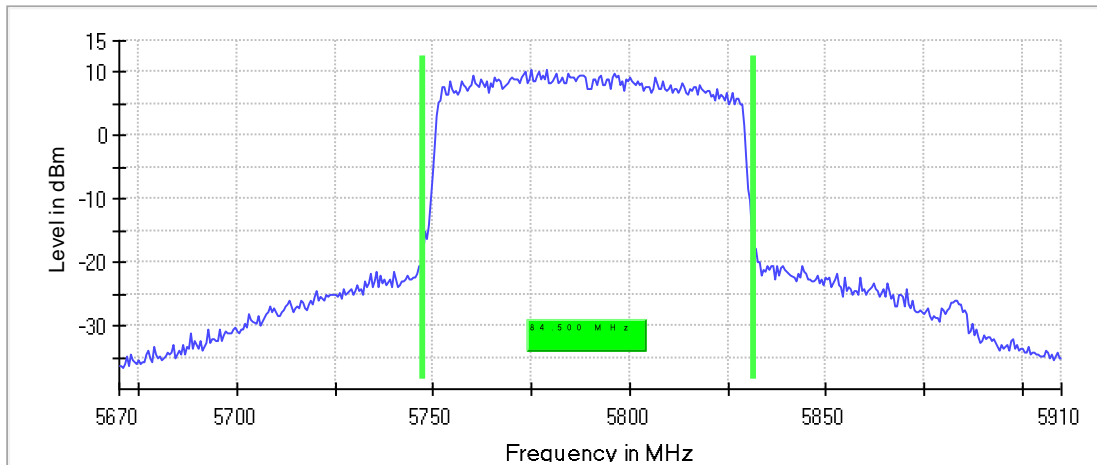
## Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 80 MHz)

### 26 dB Bandwidth

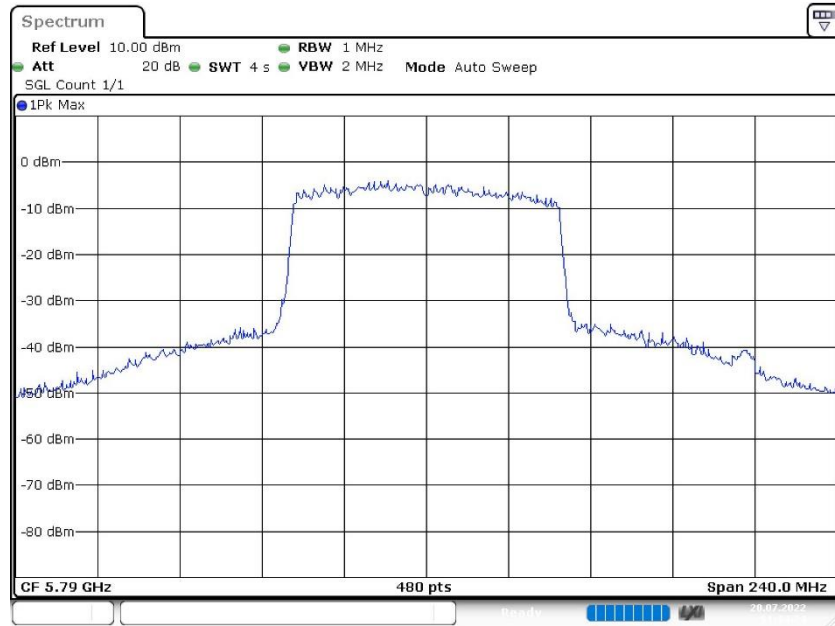
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	84.500000	---	---	5747.250000	5831.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	10.5	PASS

26 dB Bandwidth



Bandwidth



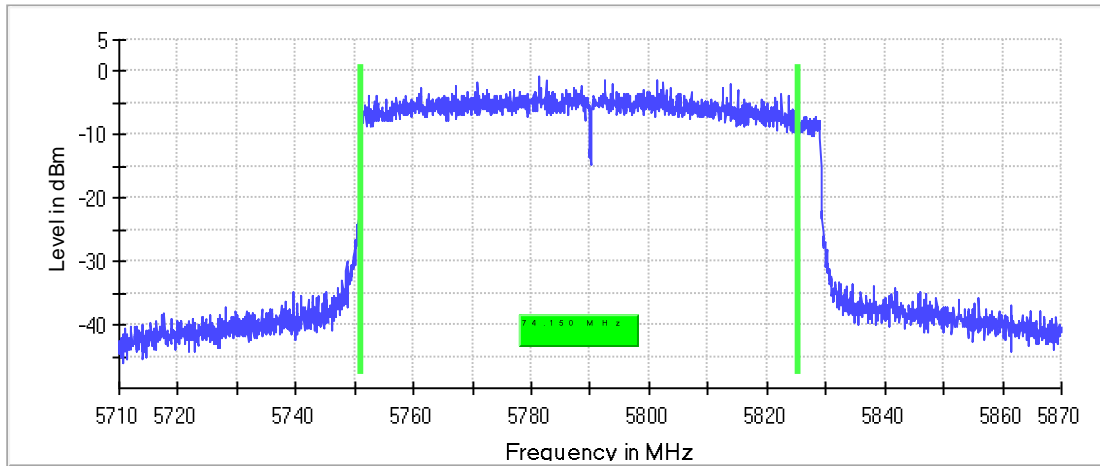
**Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 80 MHz)**

**6 dB Bandwidth**

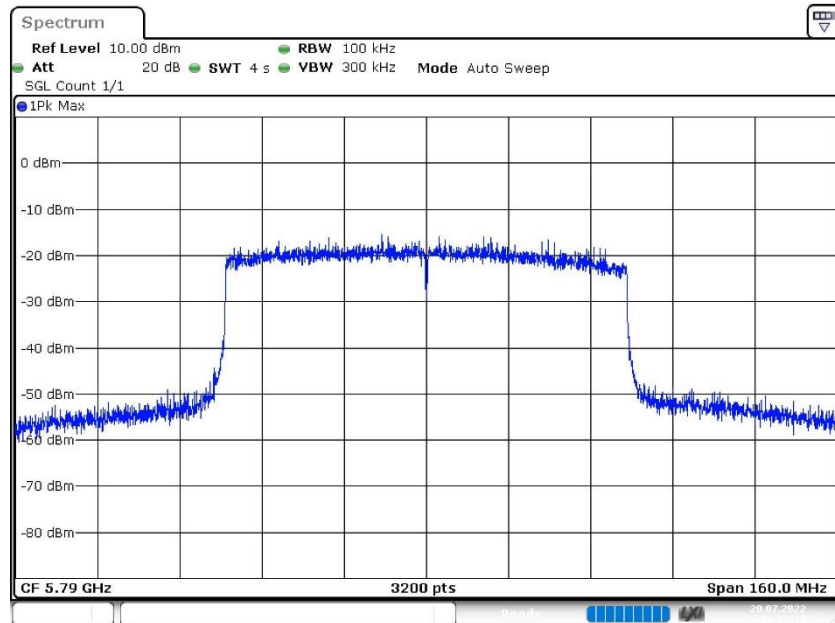
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	74.150000	0.500000	---	5751.025000	5825.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	-0.9	PASS

6 dB Bandwidth



Bandwidth



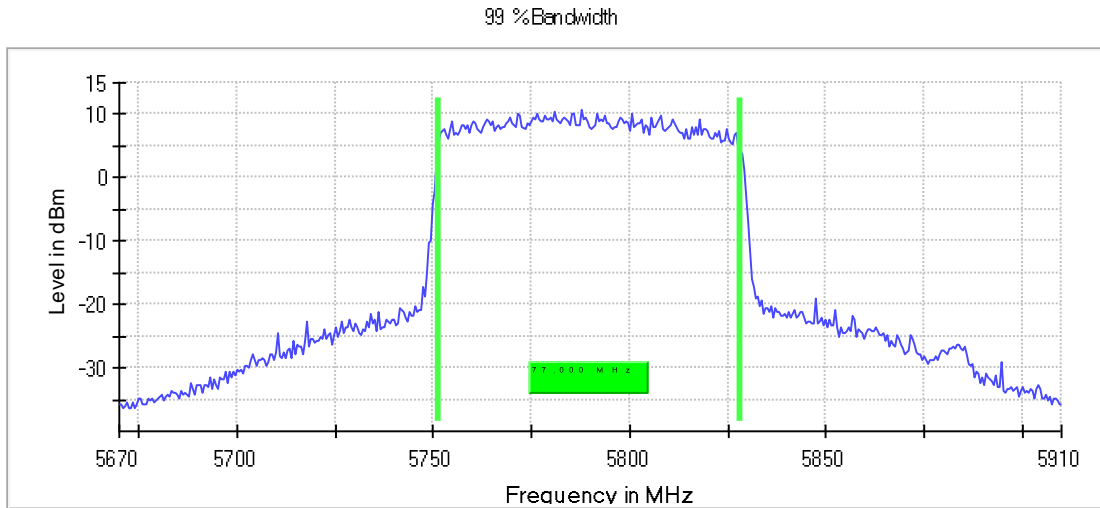
Date: 20.JUL.2022 01:35:17

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

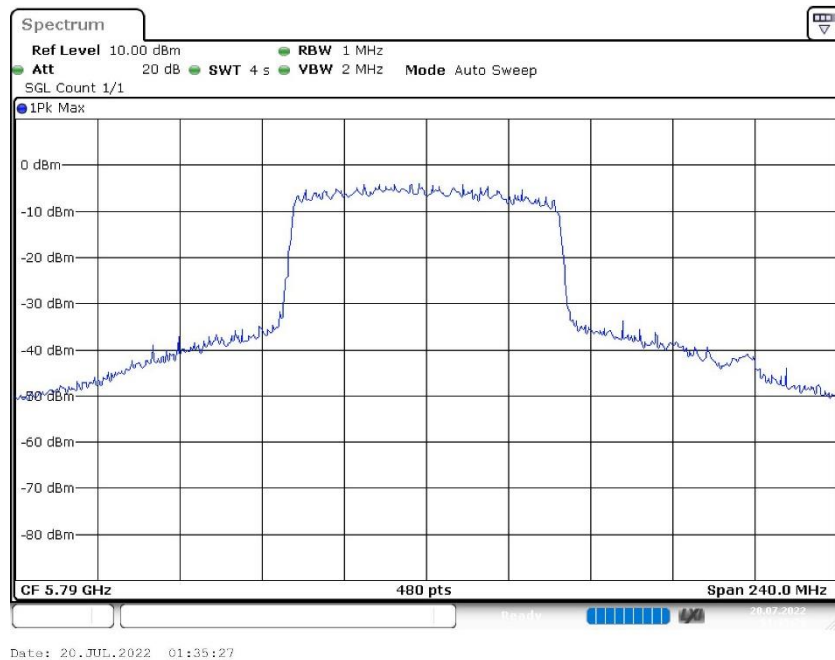
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	77.000000	---	---	5751.250000	5828.250000

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

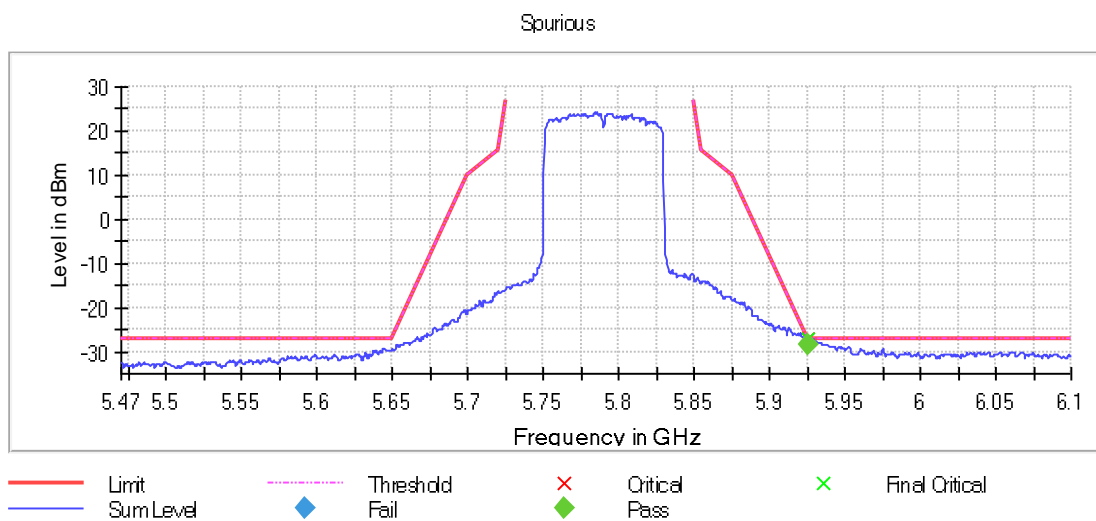
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5925.250000	-27.0	-28.5	-27.0	1.5	PASS

## Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5925.250000	-27.0	0.0	-27.0
5928.750000	-27.2	0.2	-27.0
5925.750000	-27.2	0.2	-27.0
5927.250000	-27.3	0.3	-27.0
5927.750000	-27.3	0.3	-27.0
5926.750000	-27.3	0.3	-27.0
5924.750000	-27.1	0.3	-26.8
5928.250000	-27.4	0.4	-27.0
5926.250000	-27.5	0.5	-27.0
5929.250000	-27.5	0.5	-27.0
5931.250000	-27.7	0.7	-27.0
5930.250000	-27.8	0.8	-27.0
5930.750000	-27.8	0.8	-27.0
5924.250000	-27.2	0.8	-26.4
5931.750000	-27.8	0.8	-27.0

## Measurement Settings

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



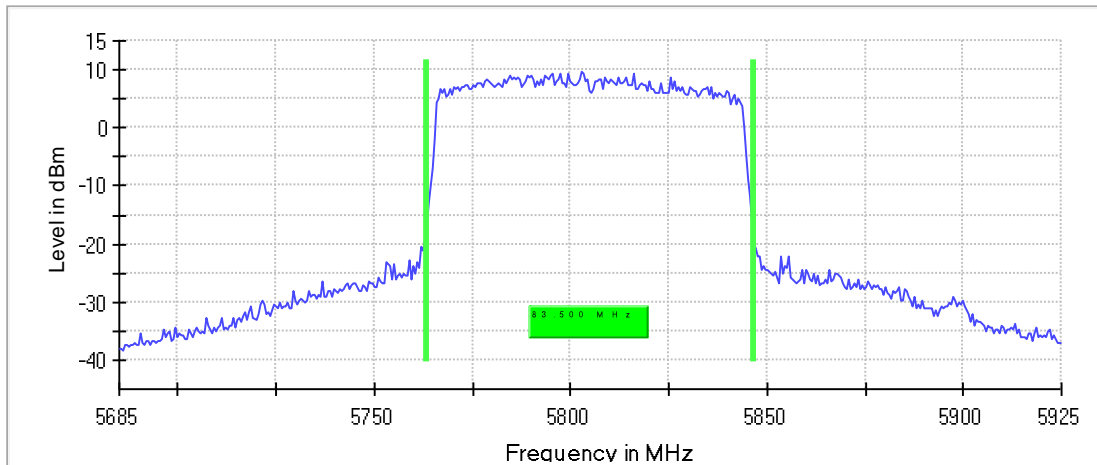
**Emission Bandwidth 26 dB (5805 MHz; 24.000 dBm; 80 MHz)**

**26 dB Bandwidth**

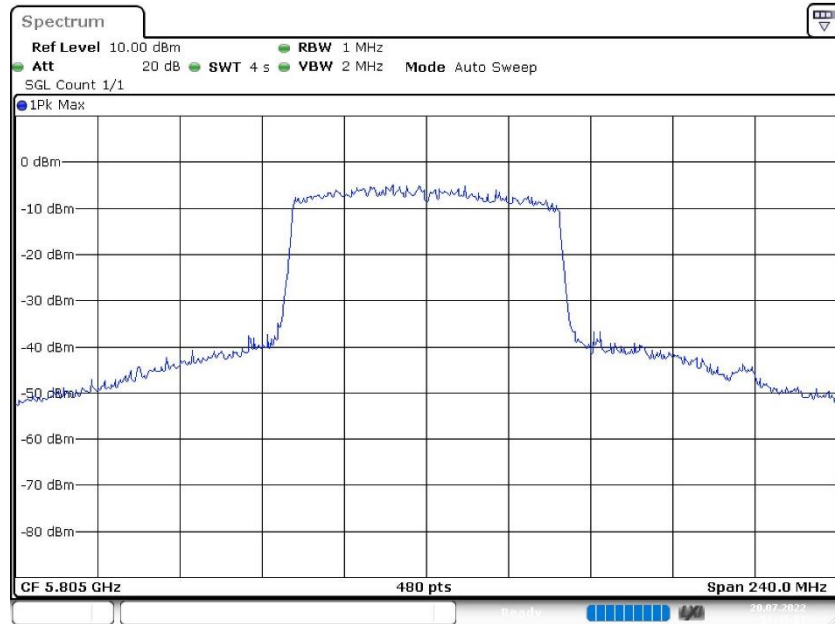
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5805.000000	83.500000	---	---	5763.250000	5846.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5805.000000	9.5	PASS

26 dB Bandwidth



Bandwidth

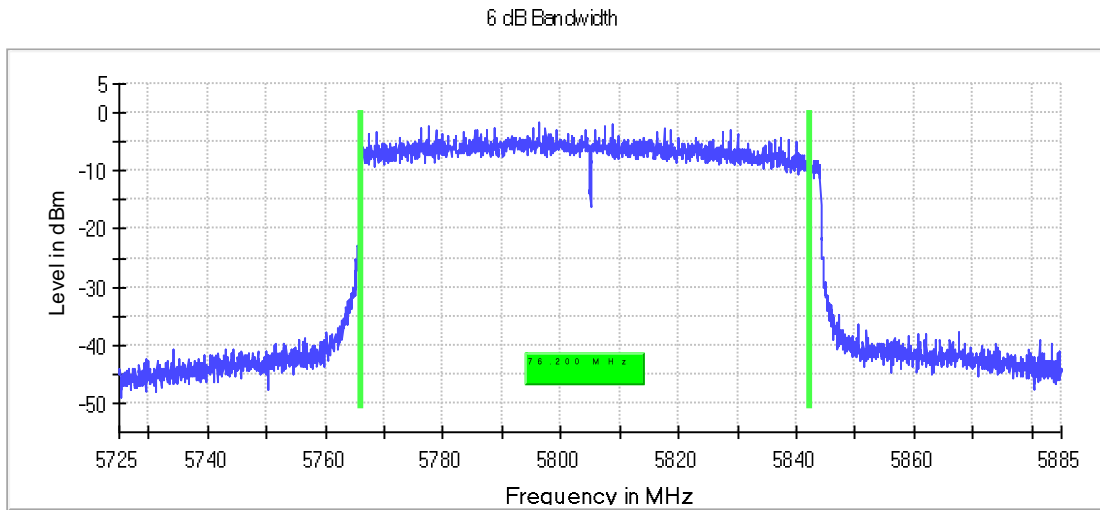


**Minimum Emission Bandwidth 6 dB (5805 MHz; 24.000 dBm; 80 MHz)**

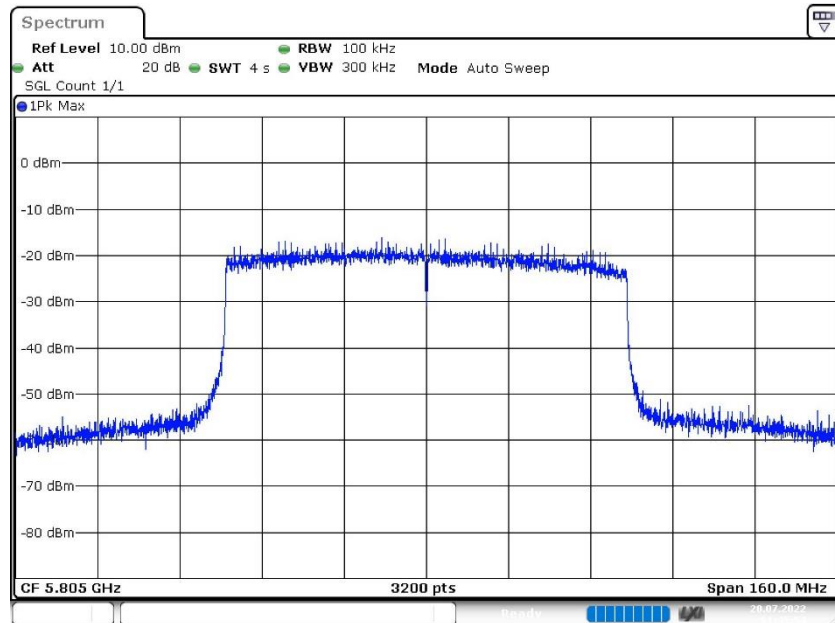
**6 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5805.000000	76.200000	0.500000	---	5765.975000	5842.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5805.000000	-1.7	PASS



**Bandwidth**



Date: 20.JUL.2022 01:45:55

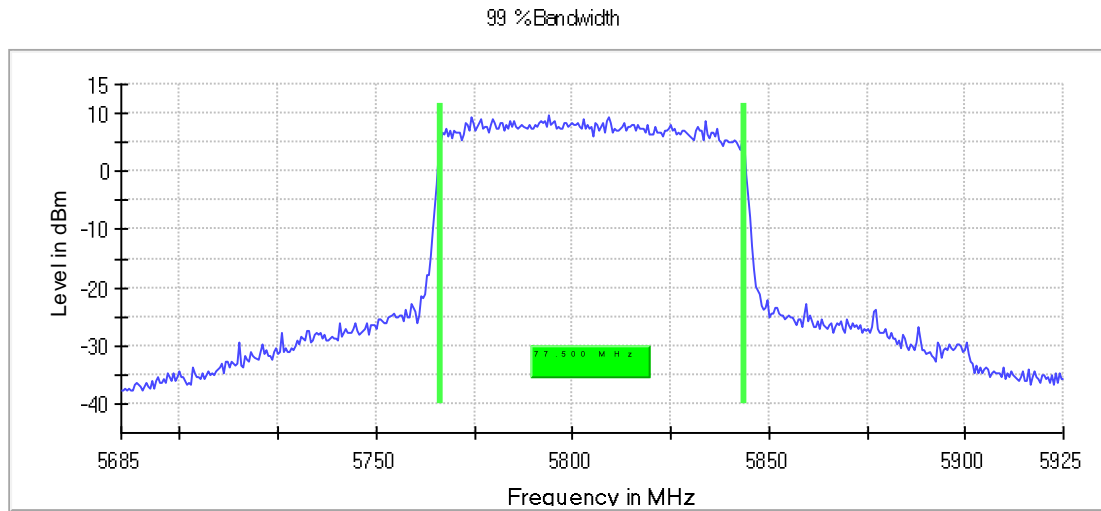
**Occupied Channel Bandwidth 99% (5805 MHz; 24.000 dBm; 80 MHz)**

**99 % Bandwidth**

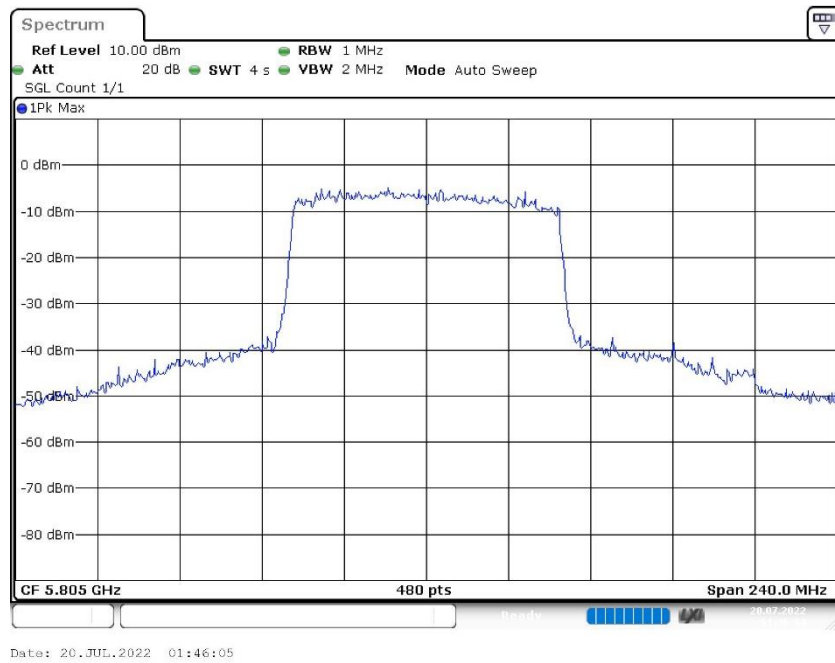
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5805.000000	77.500000	---	---	5766.250000	5843.750000



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

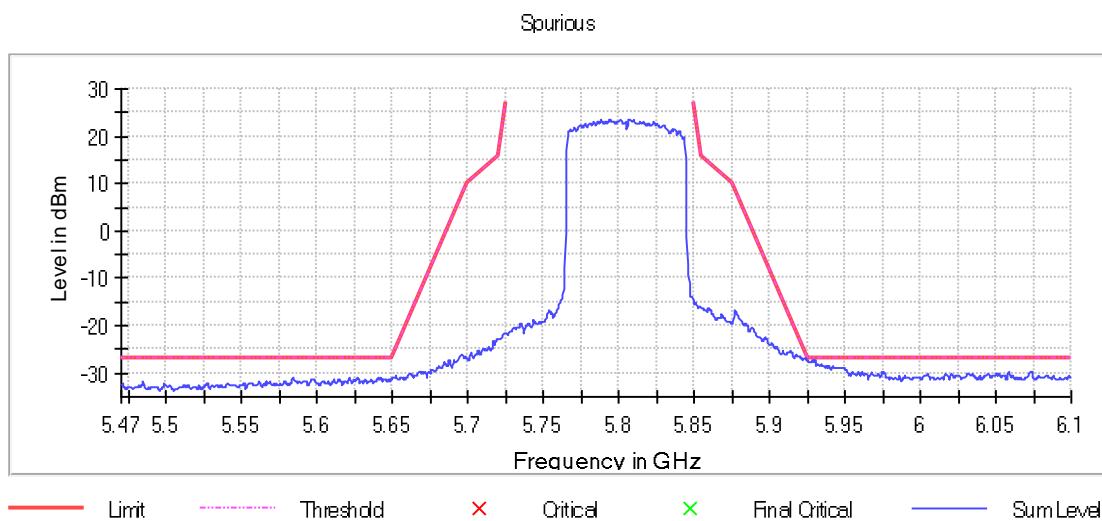
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

## Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5925.250000	-27.3	0.3	-27.0
5924.750000	-27.2	0.3	-26.8
5930.250000	-27.4	0.4	-27.0
5928.750000	-27.4	0.4	-27.0
5929.750000	-27.4	0.4	-27.0
5928.250000	-27.5	0.5	-27.0
5929.250000	-27.5	0.5	-27.0
5926.750000	-27.5	0.5	-27.0
5925.750000	-27.5	0.5	-27.0
5927.250000	-27.6	0.6	-27.0
5926.250000	-27.6	0.6	-27.0
5927.750000	-27.6	0.6	-27.0
5924.250000	-27.1	0.7	-26.4
5923.750000	-26.9	0.8	-26.1
5930.750000	-28.0	1.0	-27.0

## Measurement Settings

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



**-- End of Report --**