

AF60-XR UNII-3 Annex

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

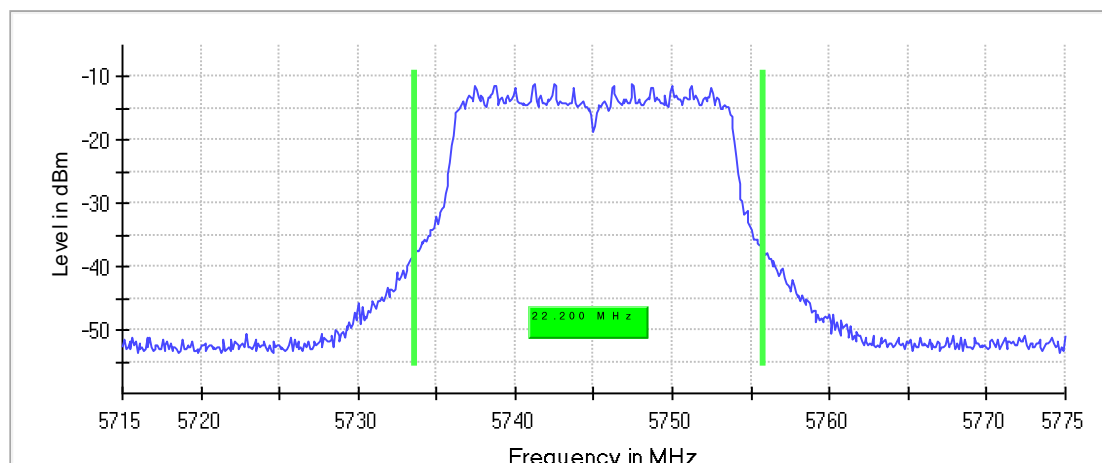
Emission Bandwidth 26 dB (5745 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

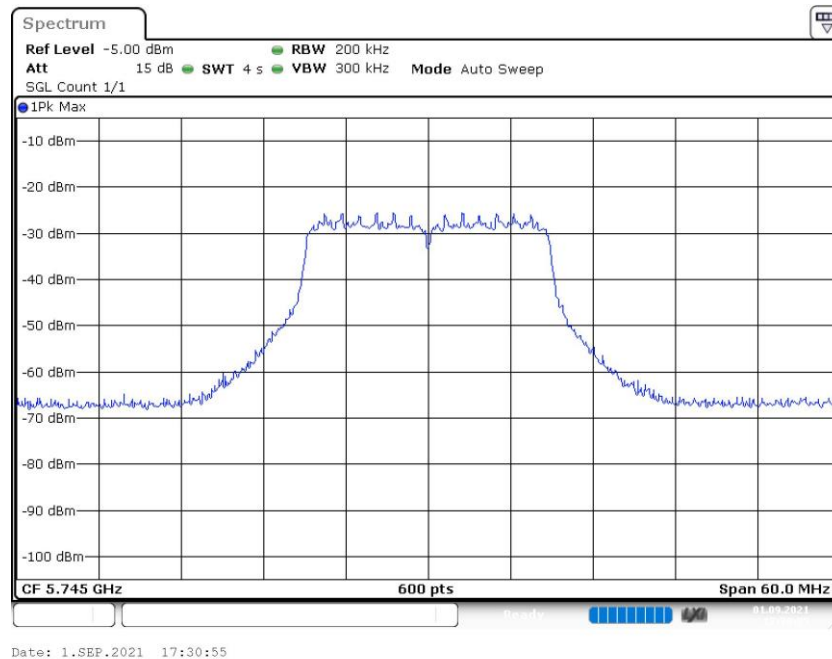
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	22.200000	---	---	5733.550000	5755.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	-11.1	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71500 GHz	5.71500 GHz
Stop Frequency	5.77500 GHz	5.77500 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	-5.000 dBm	-5.000 dBm
Attenuation	15.000 dB	AUTO
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 (5745 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5745.000000	3.8	30.0	3.8	95.559	PASS

OSP PowerMeter settings

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

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

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5745.000000	5750.148515	-14.471	30.0	PASS

Ports

Port	State
1	used
2	used

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	0.000 dBm	0.000 dBm
Attenuation	20.000 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

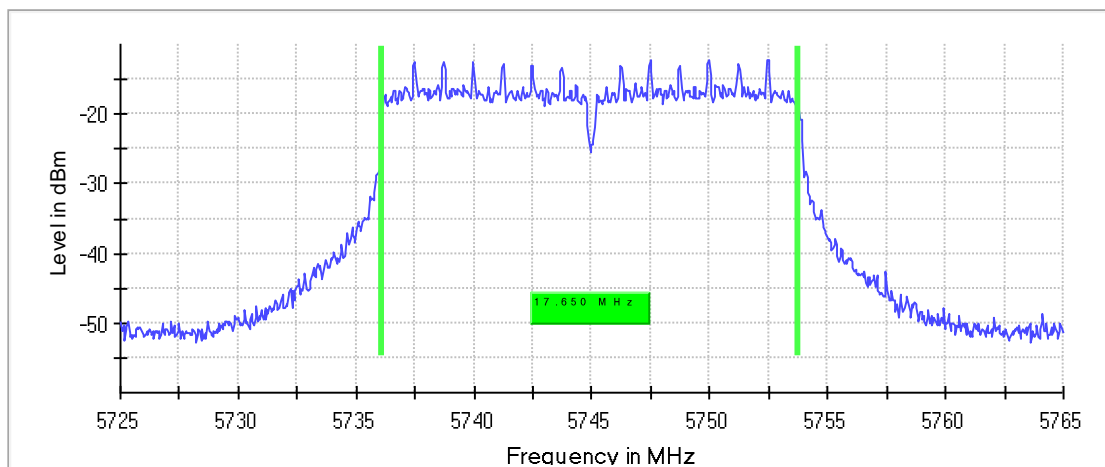
Minimum Emission Bandwidth 6 dB (5745 MHz; 24.000 dBm; 20 MHz)

6 dB Bandwidth

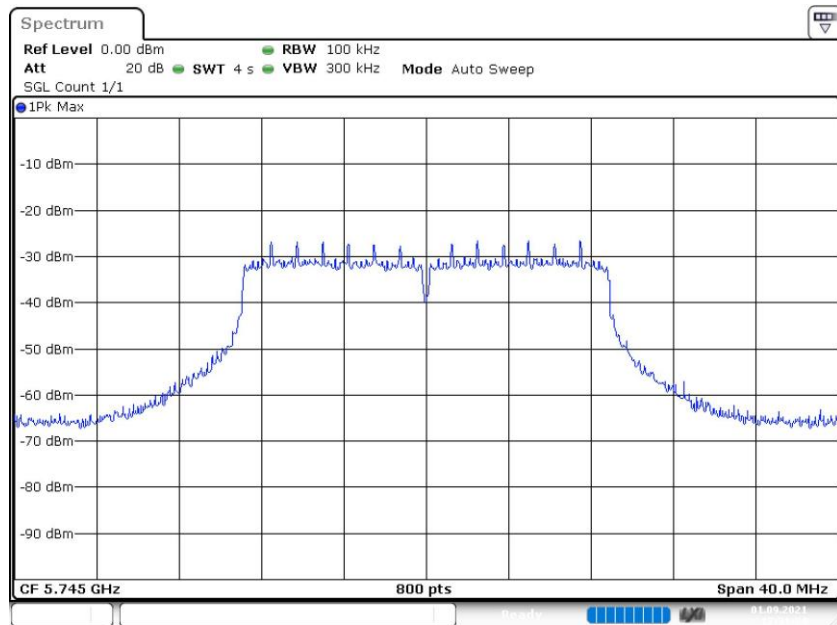
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	17.650000	0.500000	---	5736.125000	5753.775000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	-12.1	PASS

6 dB Bandwidth



Bandwidth



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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	4.000 s	4.000 s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

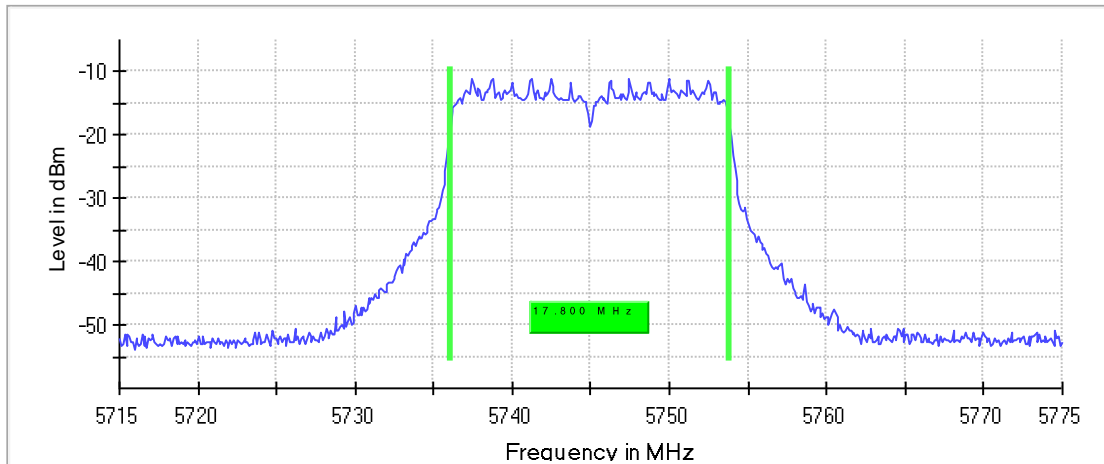
Occupied Channel Bandwidth 99% (5745 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

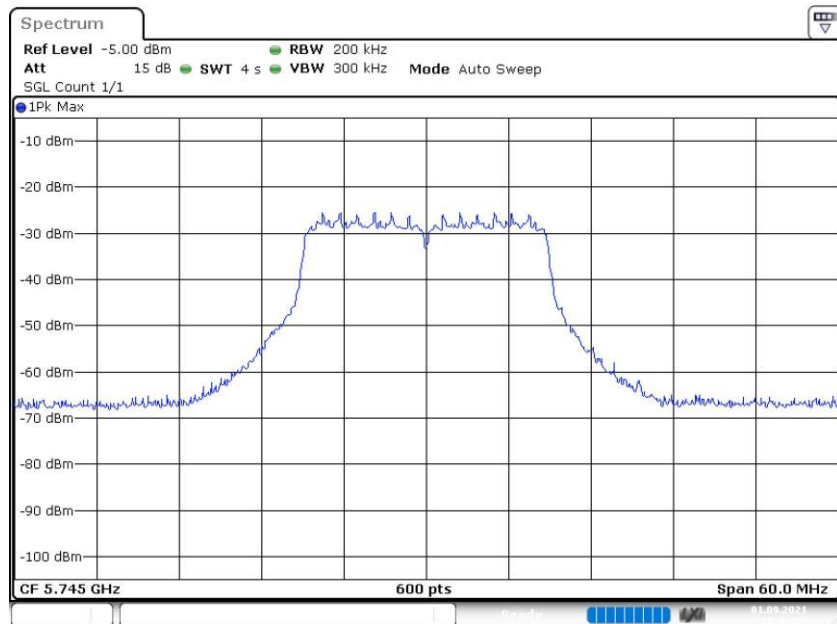
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	17.800000	---	---	5736.050000	5753.850000

DUT Frequency (MHz)	Result
5745.000000	PASS

99 %Bandwidth



Bandwidth



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Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71500 GHz	5.71500 GHz
Stop Frequency	5.77500 GHz	5.77500 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	-5.000 dBm	-5.000 dBm
Attenuation	15.000 dB	AUTO
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 (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
15892.250000	-27.0	-36.0	-27.0	9.0	PASS
17892.250000	-26.6	-35.9	-27.0	8.9	PASS
19887.250000	-26.3	-35.7	-27.0	8.7	PASS
29618.750000	-26.3	-35.7	-27.0	8.7	PASS
31200.750000	-25.9	-35.4	-27.0	8.4	PASS
31609.750000	-26.0	-35.5	-27.0	8.5	PASS
34649.250000	-25.4	-35.4	-27.0	8.4	PASS
36477.250000	-24.1	-34.2	-27.0	7.2	PASS
38180.750000	-22.7	-33.0	-27.0	6.0	PASS
39886.750000	-19.4	-30.4	-27.0	3.4	PASS

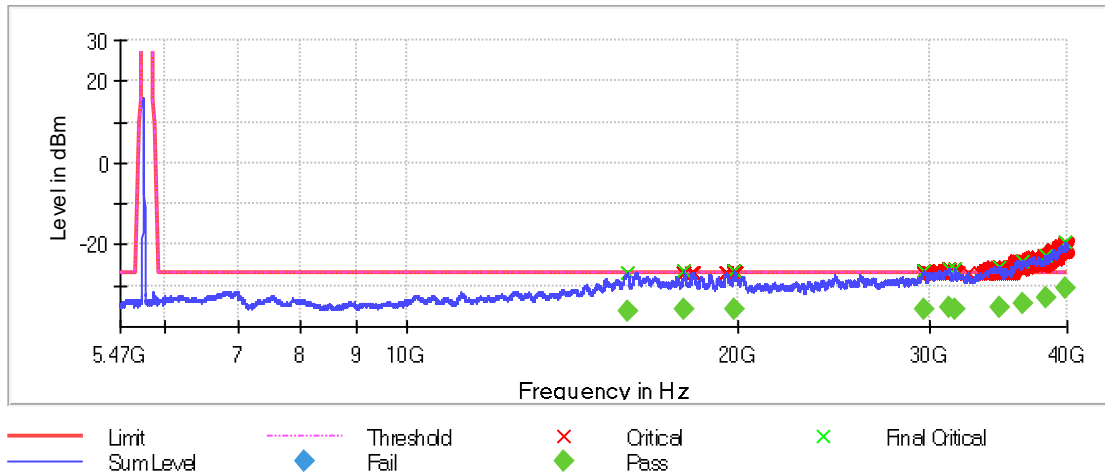
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39886.750000	-19.4	-7.6	-27.0
39900.250000	-19.6	-7.4	-27.0
39866.750000	-19.6	-7.4	-27.0
39885.750000	-19.6	-7.4	-27.0
39893.750000	-19.6	-7.4	-27.0
39877.250000	-19.7	-7.3	-27.0
39893.250000	-19.8	-7.2	-27.0
39920.750000	-19.8	-7.2	-27.0
39862.750000	-19.9	-7.1	-27.0
39910.250000	-19.9	-7.1	-27.0
39877.750000	-19.9	-7.1	-27.0
39901.250000	-19.9	-7.1	-27.0
39888.250000	-19.9	-7.1	-27.0
39896.750000	-19.9	-7.1	-27.0
39891.750000	-19.9	-7.1	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2
6100.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



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	15.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	FFT	AUTO
Preamp	off	off

Final Measurement 2

Setting	Instrument Value	Target Value
Span	ZeroSpan	ZeroSpan
RBW	1.000 MHz	~ 1.000 MHz
VBW	100.000 Hz	~ 100.000 Hz
SweepPoints	101	~ 101
Sweeptime	1.000 s	1.000 s
Reference Level	-30.000 dBm	-30.000 dBm
Attenuation	15.000 dB	15.000 dB
Detector	RMS	RMS
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	Sweep	AUTO
Preamp	off	off

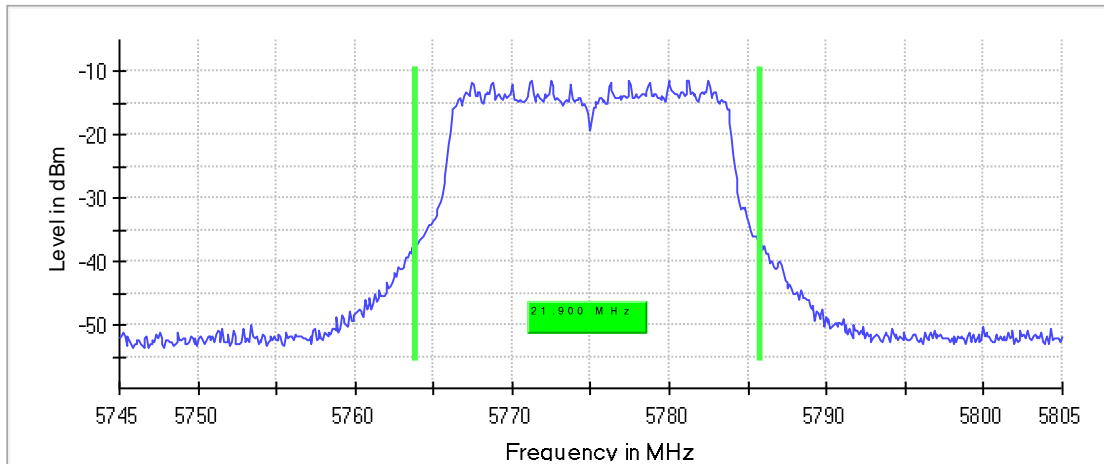
Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

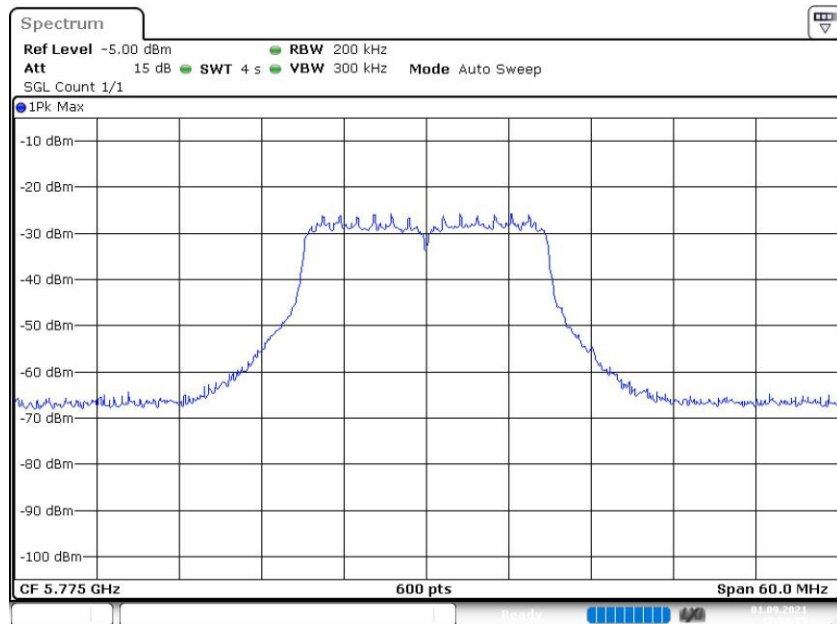
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	21.900000	---	---	5763.850000	5785.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	-11.3	PASS

26 dB Bandwidth



Bandwidth



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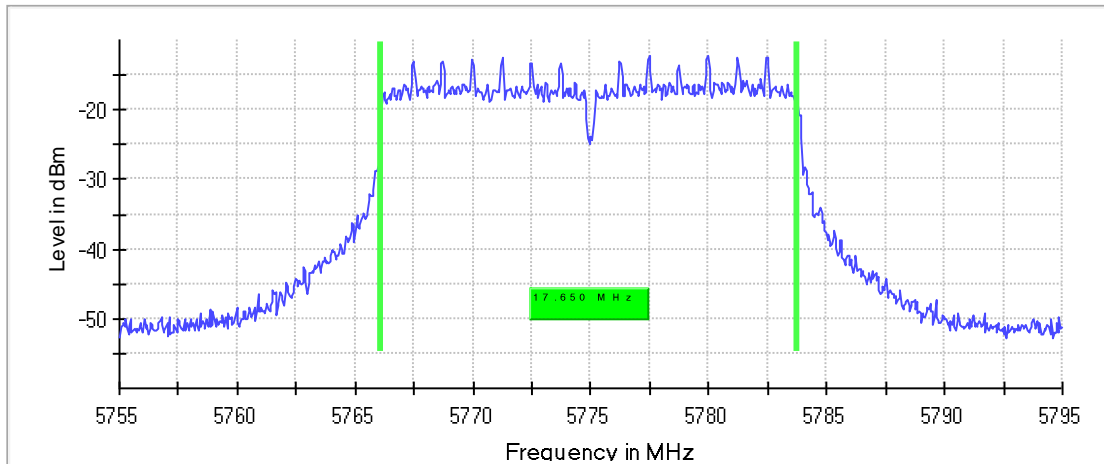
Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 20 MHz)

6 dB Bandwidth

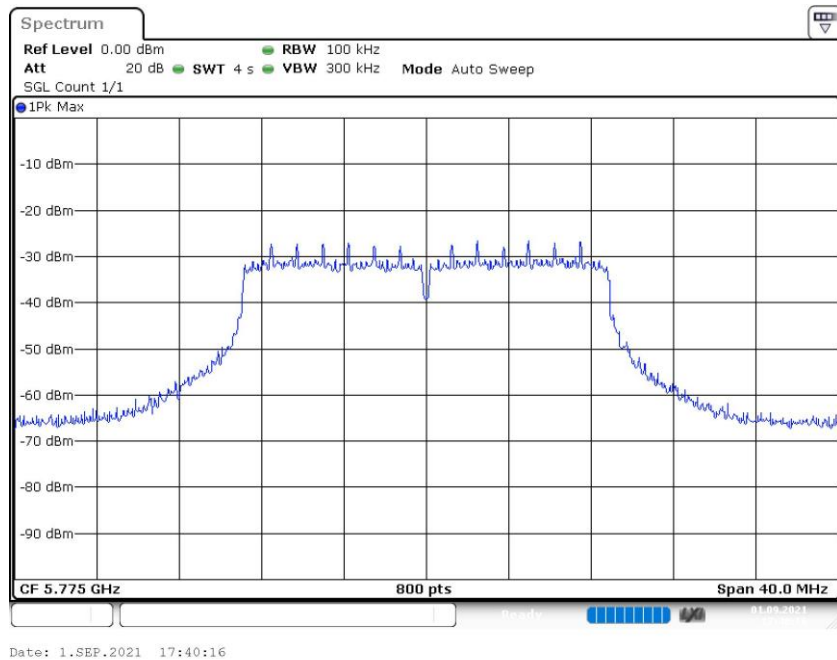
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	17.650000	0.500000	---	5766.125000	5783.775000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	-12.2	PASS

6 dB Bandwidth



Bandwidth



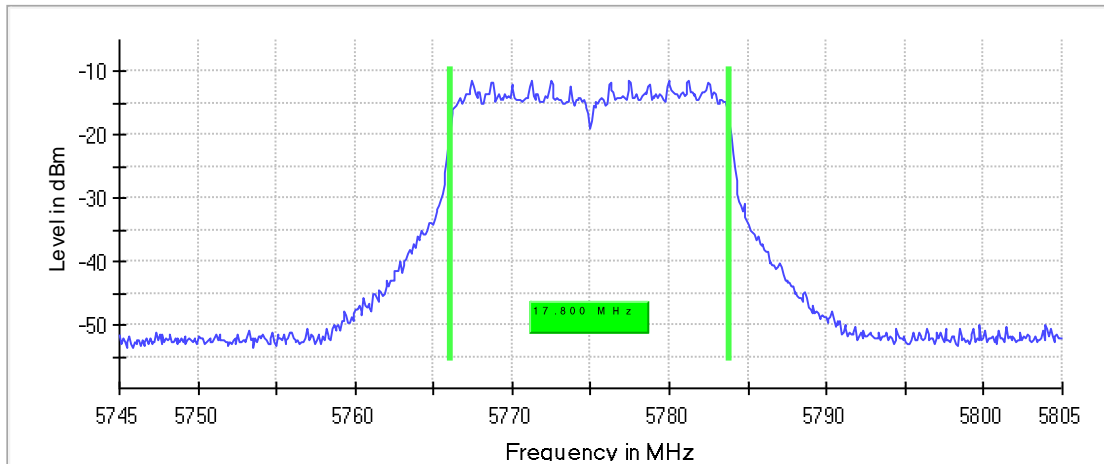
Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

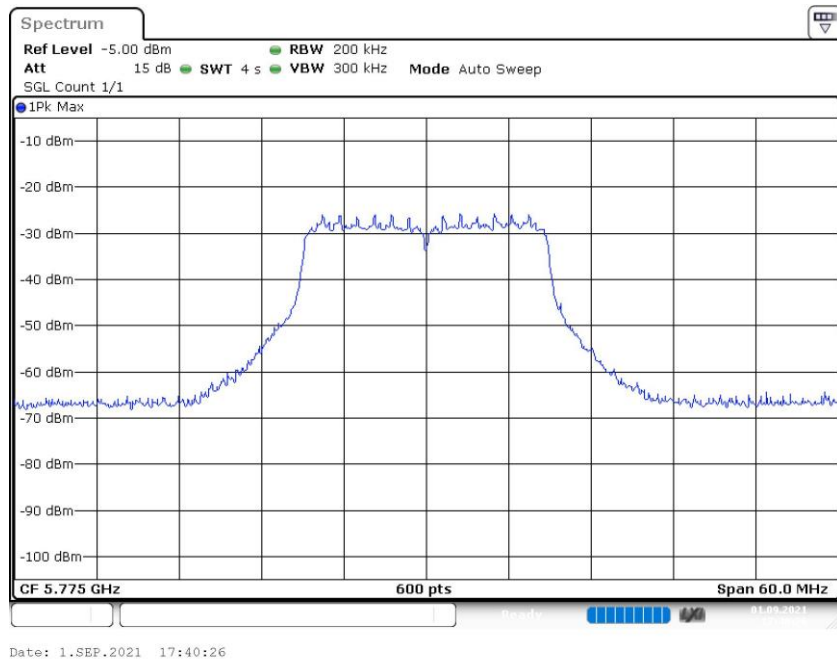
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	17.800000	---	---	5766.050000	5783.850000

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
17891.750000	-26.5	-35.9	-27.0	8.9	PASS
19899.750000	-26.2	-35.7	-27.0	8.7	PASS
29611.250000	-26.3	-35.7	-27.0	8.7	PASS
31183.250000	-25.8	-35.5	-27.0	8.5	PASS
31585.250000	-26.1	-35.6	-27.0	8.6	PASS
34677.250000	-25.4	-35.4	-27.0	8.4	PASS
36033.250000	-23.9	-34.5	-27.0	7.5	PASS

38181.250000	-22.8	-33.0	-27.0	6.0	PASS
39896.250000	-19.6	-30.3	-27.0	3.3	PASS

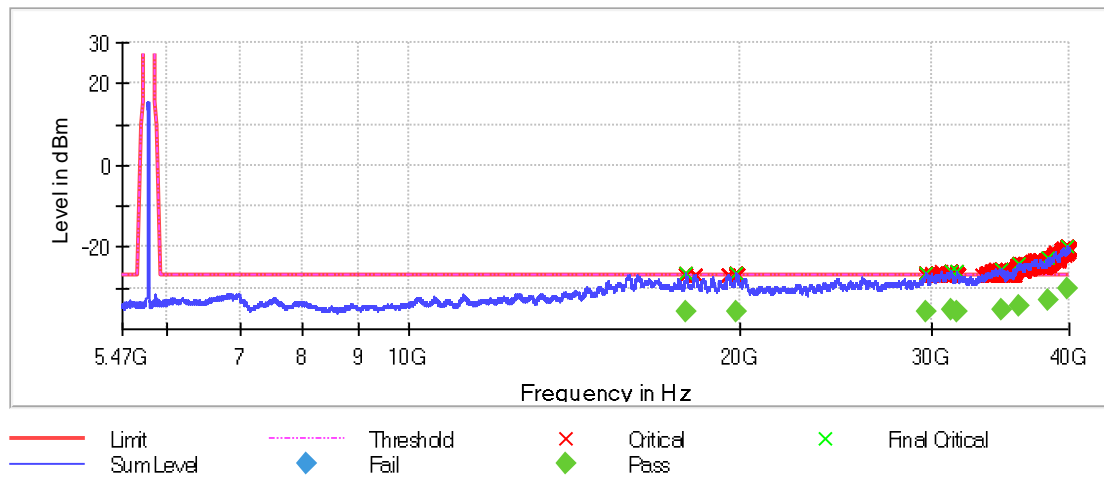
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39896.250000	-19.6	-7.4	-27.0
39893.750000	-19.6	-7.4	-27.0
39898.250000	-19.7	-7.3	-27.0
39879.750000	-19.7	-7.3	-27.0
39899.750000	-19.7	-7.3	-27.0
39880.250000	-19.7	-7.3	-27.0
39882.250000	-19.7	-7.3	-27.0
39886.250000	-19.7	-7.3	-27.0
39896.750000	-19.7	-7.3	-27.0
39891.750000	-19.8	-7.2	-27.0
39878.250000	-19.8	-7.2	-27.0
39884.750000	-19.8	-7.2	-27.0
39897.250000	-19.8	-7.2	-27.0
39885.750000	-19.8	-7.2	-27.0
39859.750000	-19.8	-7.2	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2
6100.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



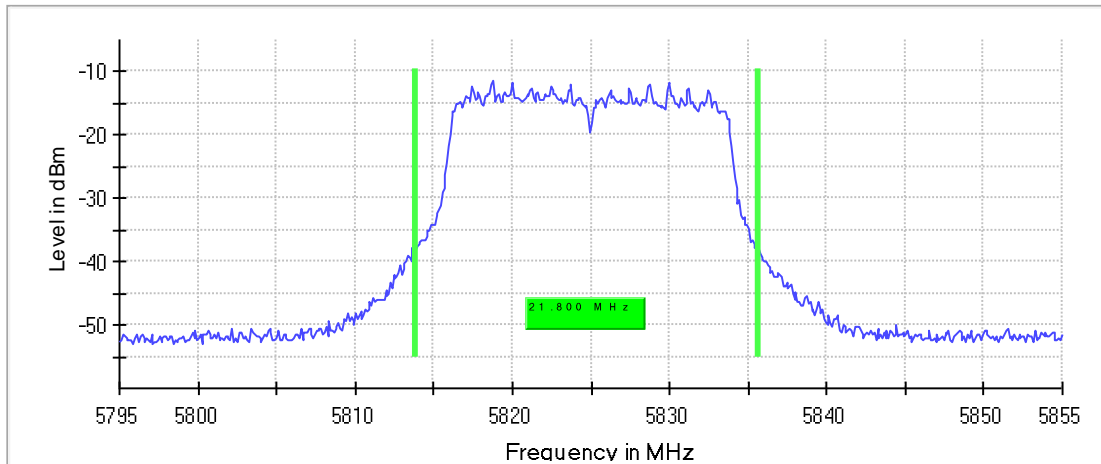
Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

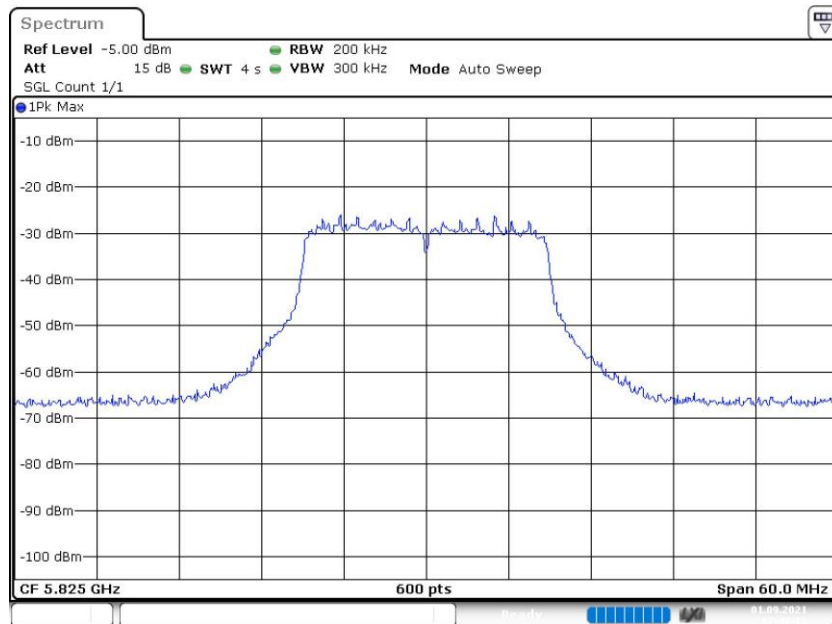
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	21.800000	---	---	5813.850000	5835.650000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	-11.5	PASS

26 dB Bandwidth



Bandwidth



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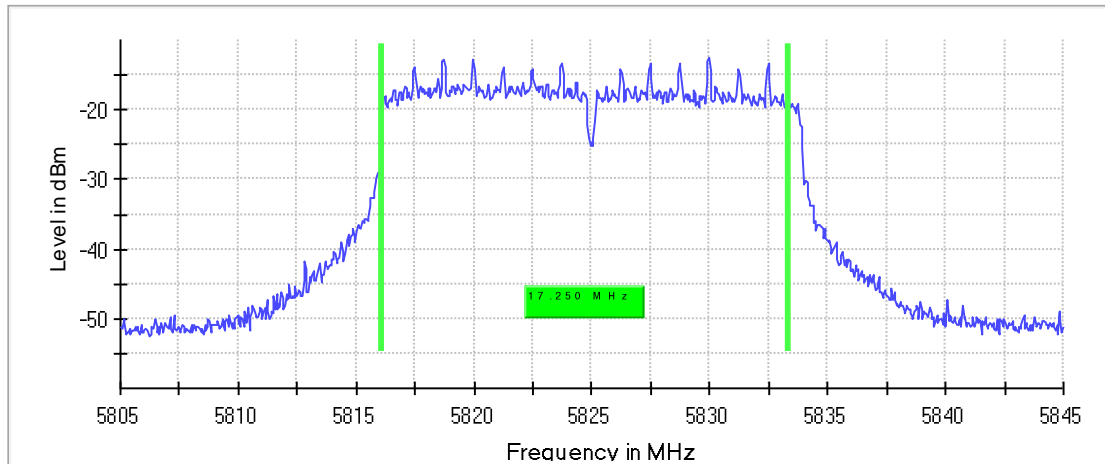
Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 20 MHz)

6 dB Bandwidth

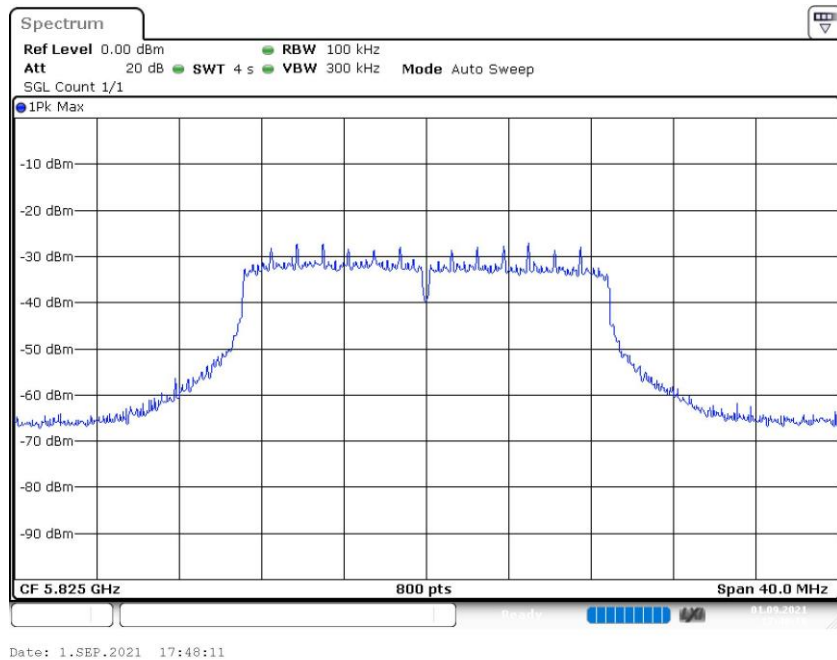
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	17.250000	0.500000	---	5816.125000	5833.375000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	-12.5	PASS

6 dB Bandwidth



Bandwidth



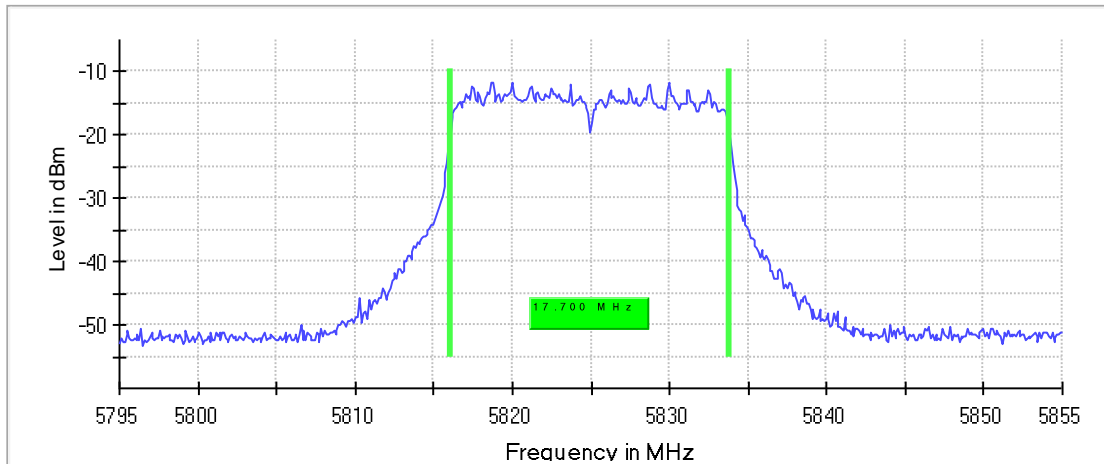
Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

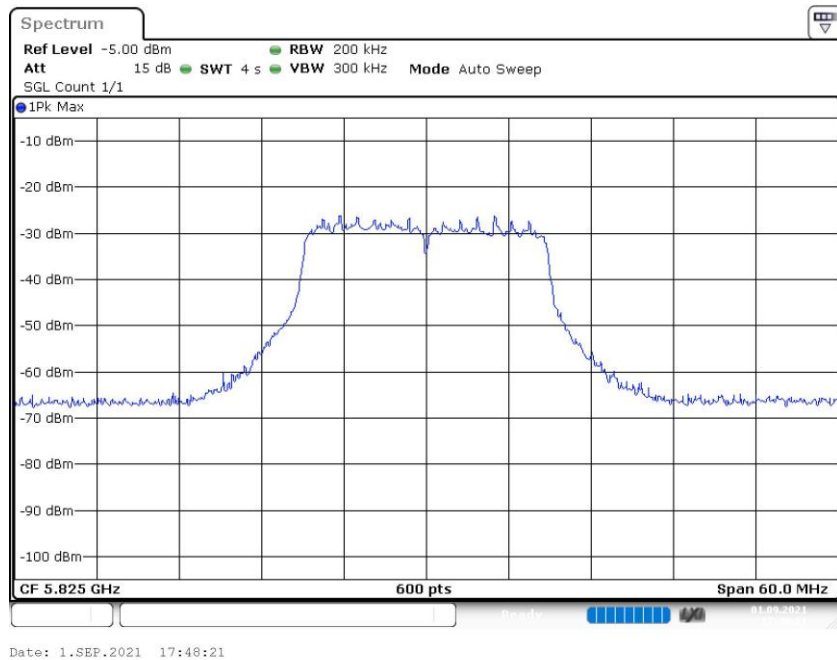
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	17.700000	---	---	5816.050000	5833.750000

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
17887.750000	-26.4	-35.8	-27.0	8.8	PASS
19887.250000	-26.2	-35.7	-27.0	8.7	PASS
29605.750000	-26.4	-35.7	-27.0	8.7	PASS
31216.250000	-25.9	-35.4	-27.0	8.4	PASS
31602.750000	-26.0	-35.5	-27.0	8.5	PASS
34657.750000	-25.4	-35.3	-27.0	8.3	PASS

36447.750000	-23.9	-34.2	-27.0	7.2	PASS
38197.250000	-22.8	-33.1	-27.0	6.1	PASS
39885.750000	-19.5	-30.4	-27.0	3.4	PASS

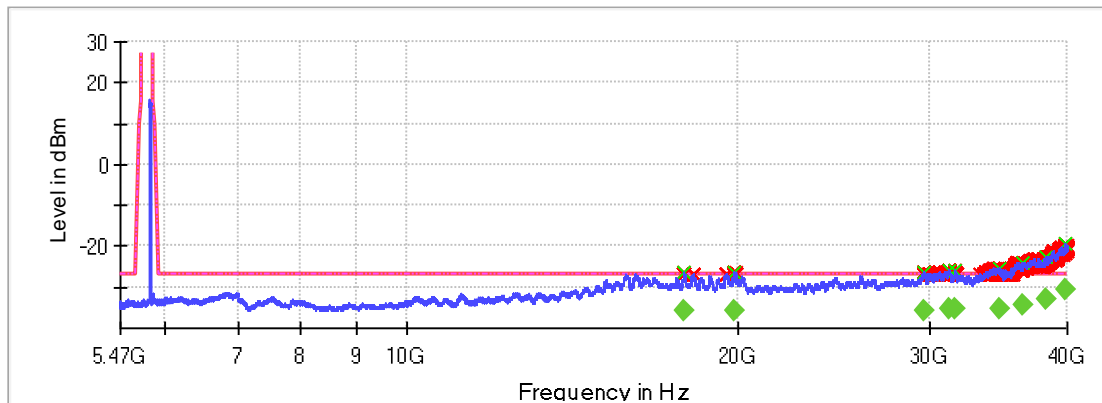
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39885.750000	-19.5	-7.5	-27.0
39914.250000	-19.7	-7.3	-27.0
39898.250000	-19.7	-7.3	-27.0
39902.750000	-19.7	-7.3	-27.0
39908.750000	-19.8	-7.2	-27.0
39892.250000	-19.8	-7.2	-27.0
39905.250000	-19.8	-7.2	-27.0
39892.750000	-19.8	-7.2	-27.0
39903.250000	-19.8	-7.2	-27.0
39906.250000	-19.8	-7.2	-27.0
39906.750000	-19.8	-7.2	-27.0
39897.750000	-19.8	-7.2	-27.0
39876.750000	-19.9	-7.1	-27.0
39855.250000	-19.9	-7.1	-27.0
39887.750000	-19.9	-7.1	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2
6100.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



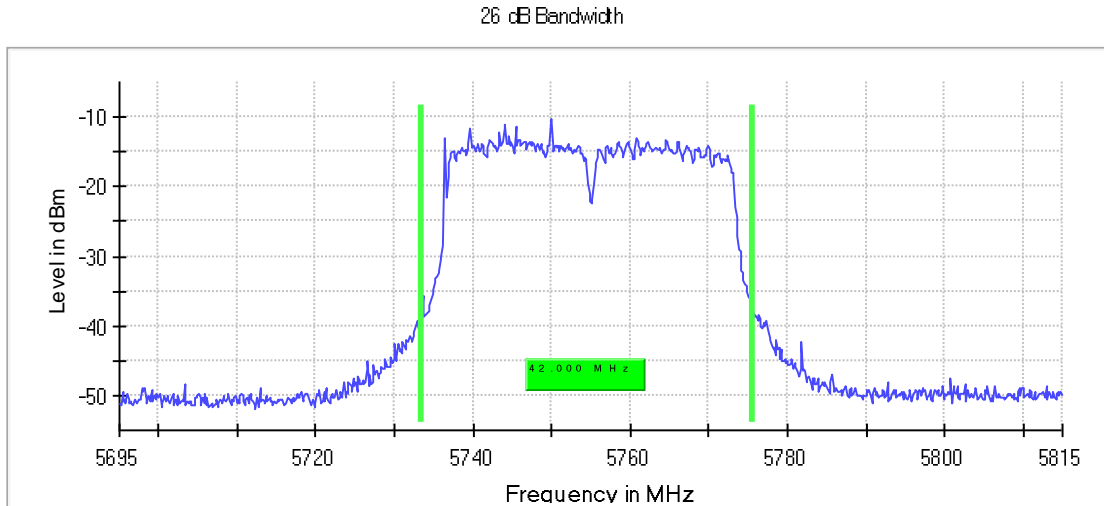
- Limit
- Sum Level
- ◆ Threshold Fail
- ◆ Critical Pass
- × Critical
- × Final Critical

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

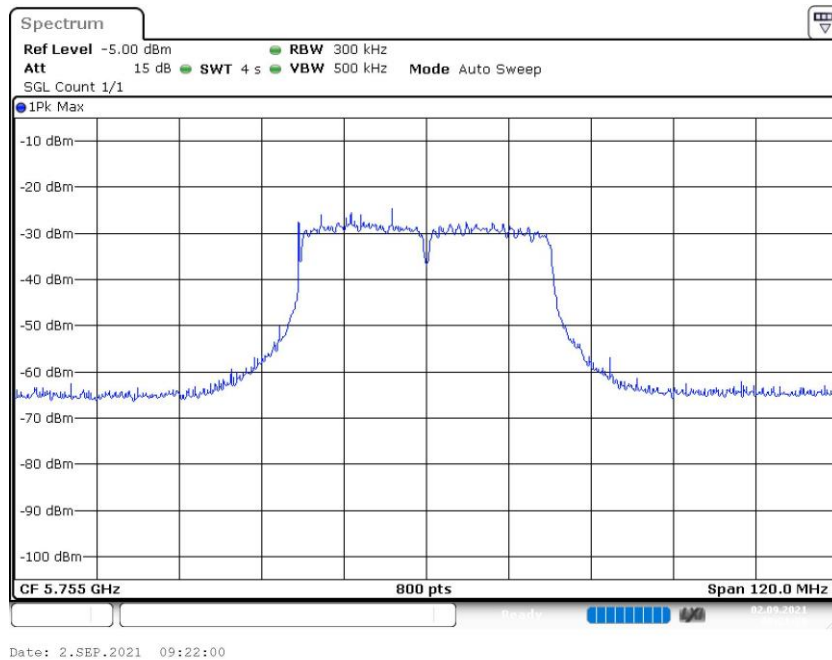
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	42.000000	---	---	5733.475000	5775.475000

DUT Frequency (MHz)	Max Level (dBm)	Result
5755.000000	-10.3	PASS



Bandwidth



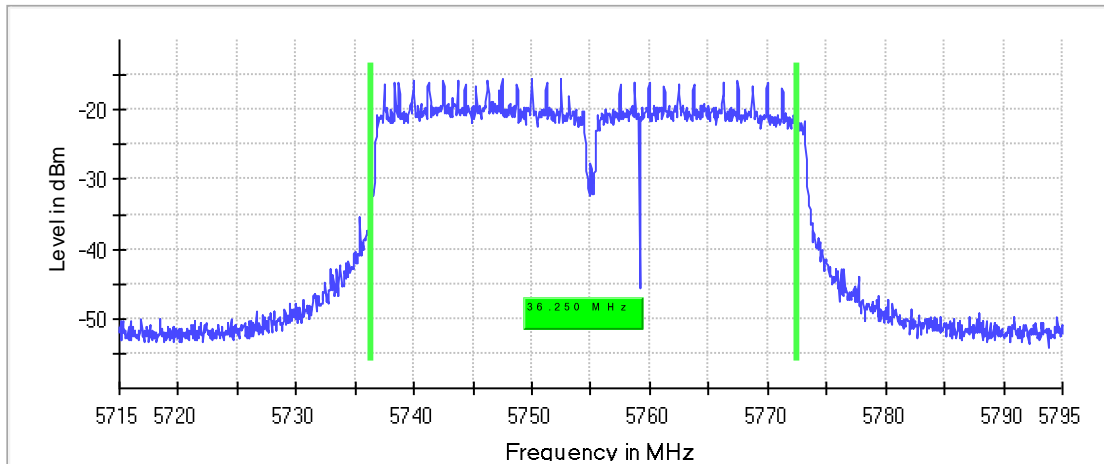
Minimum Emission Bandwidth 6 dB (5755 MHz; 24.000 dBm; 40 MHz)

6 dB Bandwidth

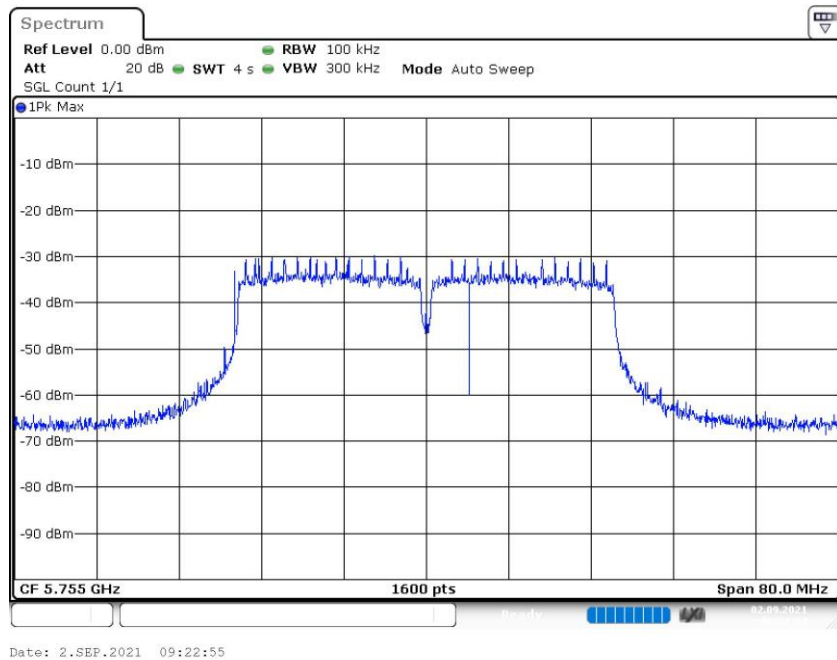
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	36.250000	0.500000	---	5736.325000	5772.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5755.000000	-15.4	PASS

6 dB Bandwidth



Bandwidth

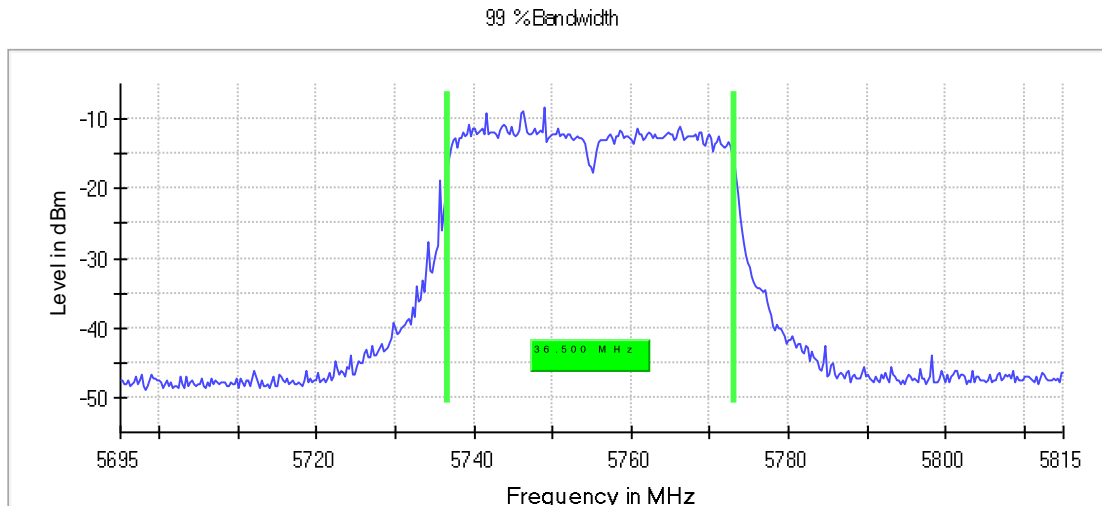


Occupied Channel Bandwidth 99% (5755 MHz; 24.000 dBm; 40 MHz)

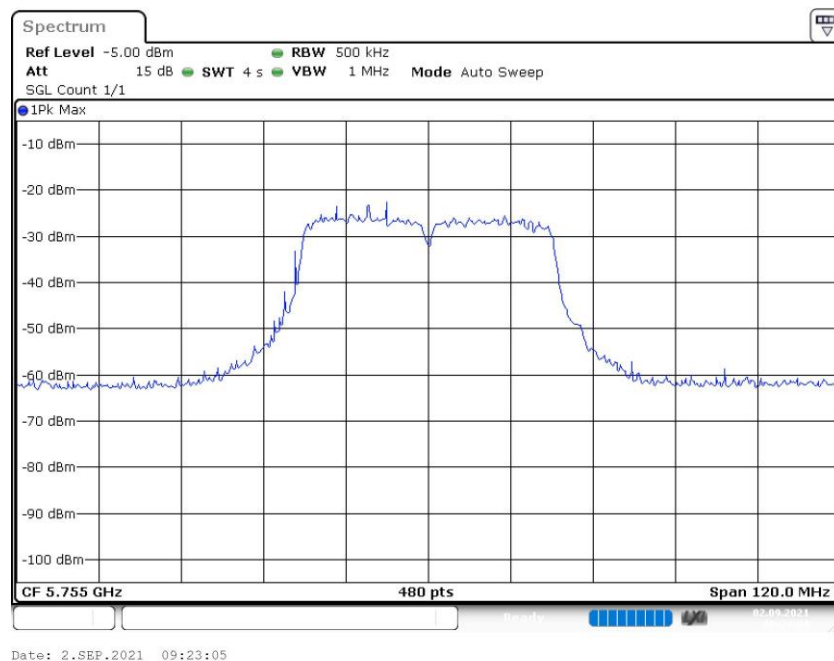
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	36.500000	---	---	5736.625000	5773.125000

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
15888.750000	-27.0	-36.0	-27.0	9.0	PASS
17889.250000	-26.6	-35.9	-27.0	8.9	PASS
19889.750000	-26.2	-35.7	-27.0	8.7	PASS
29587.250000	-26.2	-35.7	-27.0	8.7	PASS
31235.750000	-25.8	-35.5	-27.0	8.5	PASS
31598.750000	-26.1	-35.5	-27.0	8.5	PASS
34249.750000	-25.3	-35.4	-27.0	8.4	PASS

36209.250000	-24.0	-34.8	-27.0	7.8	PASS
38177.750000	-22.7	-33.0	-27.0	6.0	PASS
39903.250000	-19.7	-30.1	-27.0	3.1	PASS

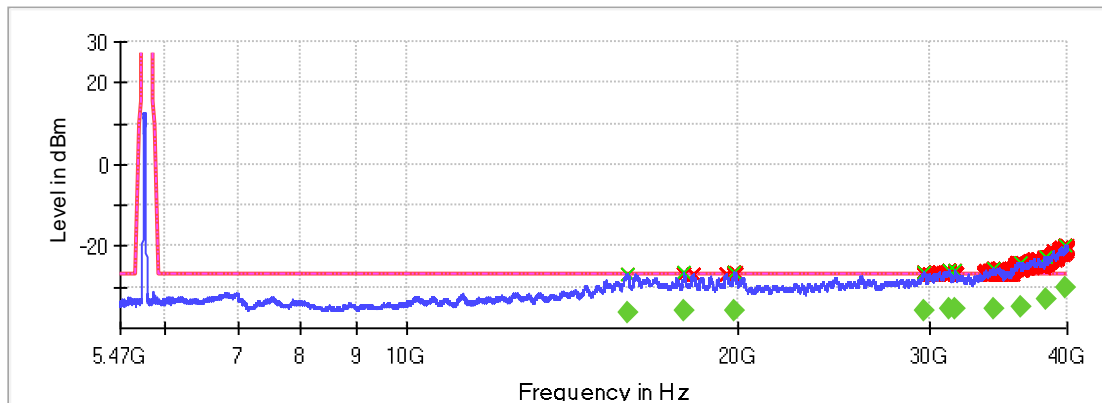
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39903.250000	-19.7	-7.3	-27.0
39894.250000	-19.8	-7.2	-27.0
39886.750000	-19.8	-7.2	-27.0
39879.750000	-19.8	-7.2	-27.0
39884.250000	-19.8	-7.2	-27.0
39883.750000	-19.8	-7.2	-27.0
39901.750000	-19.8	-7.2	-27.0
39897.250000	-19.8	-7.2	-27.0
39880.250000	-19.8	-7.2	-27.0
39880.750000	-19.8	-7.2	-27.0
39888.250000	-19.8	-7.2	-27.0
39876.250000	-19.8	-7.2	-27.0
39897.750000	-19.8	-7.2	-27.0
39872.250000	-19.8	-7.2	-27.0
39902.750000	-19.9	-7.1	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2
6100.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



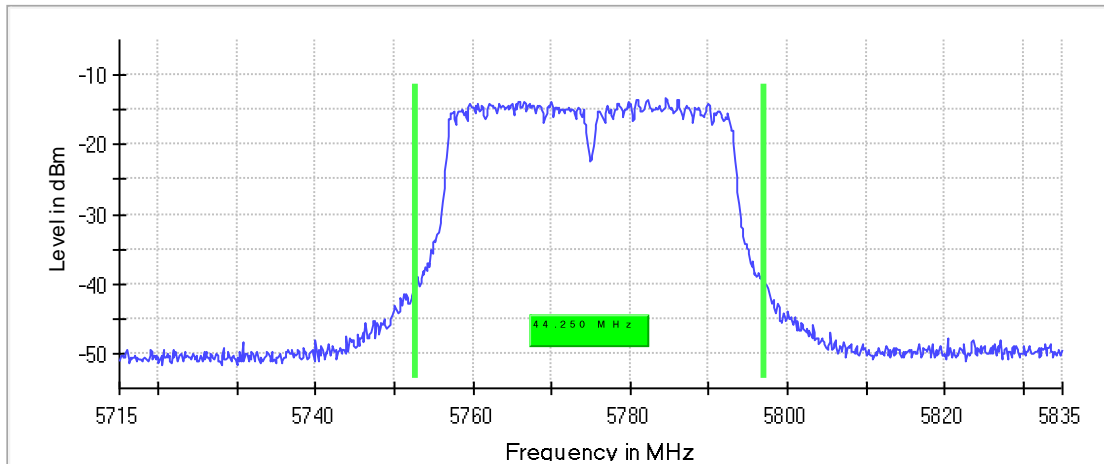
Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

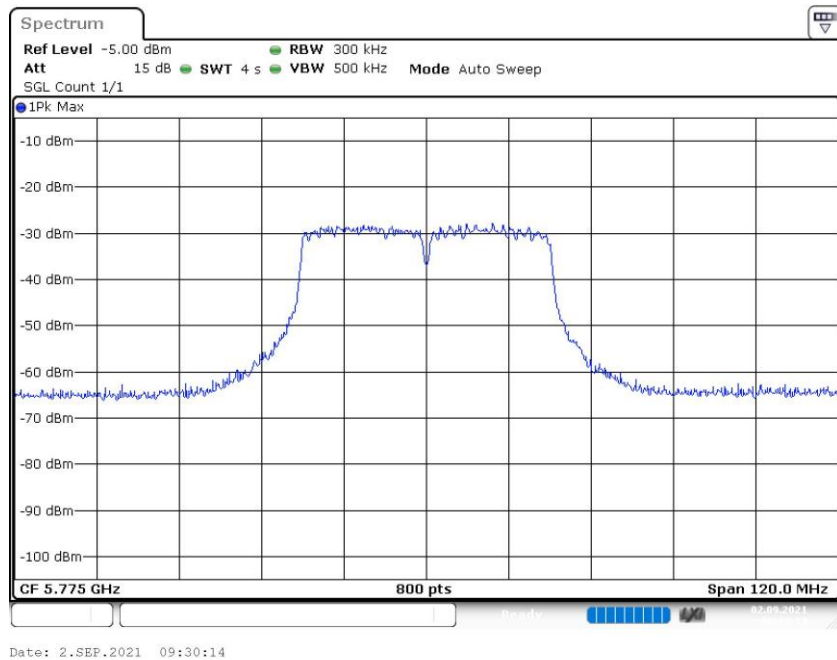
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	44.250000	---	---	5752.725000	5796.975000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	-13.3	PASS

26 dB Bandwidth



Bandwidth



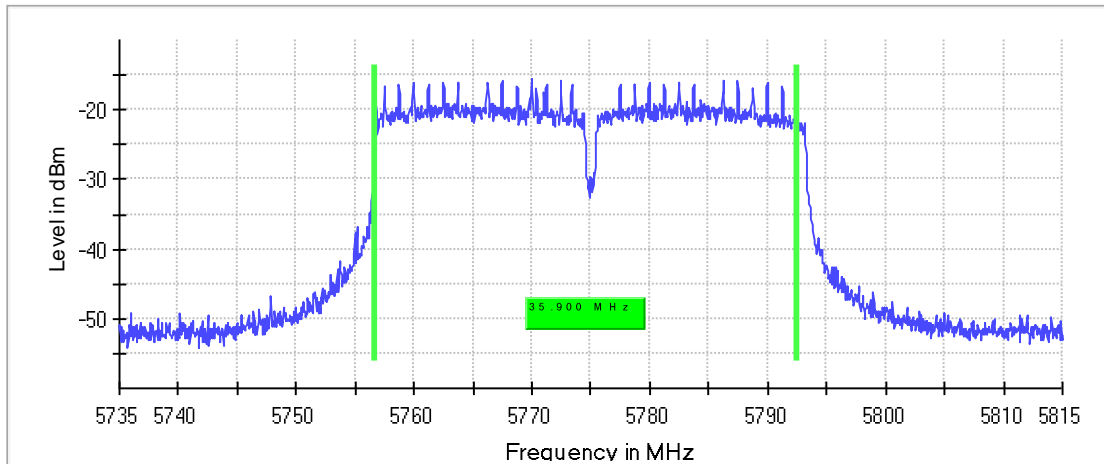
Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 40 MHz)

6 dB Bandwidth

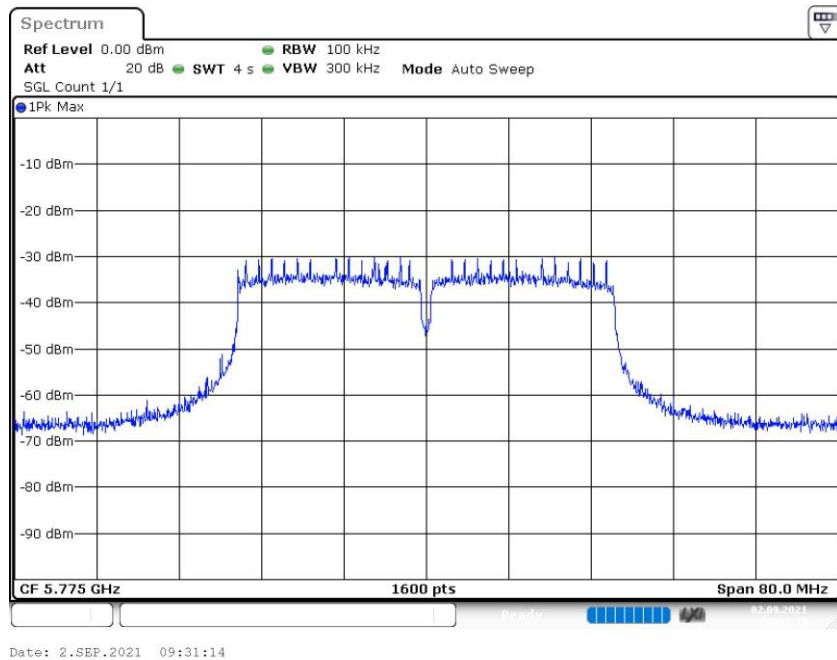
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	35.900000	0.500000	---	5756.675000	5792.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	-15.5	PASS

6 dB Bandwidth



Bandwidth

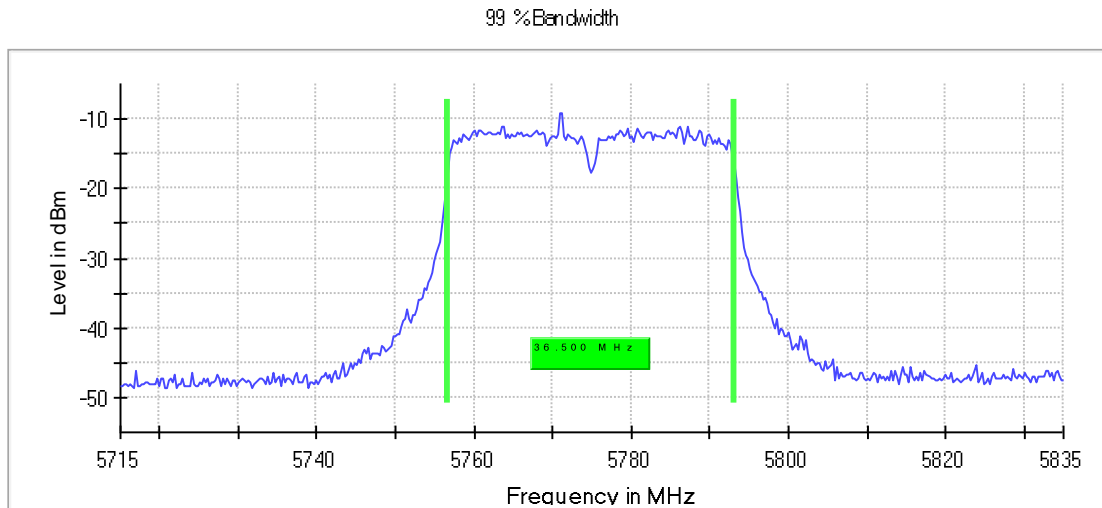


Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 40 MHz)

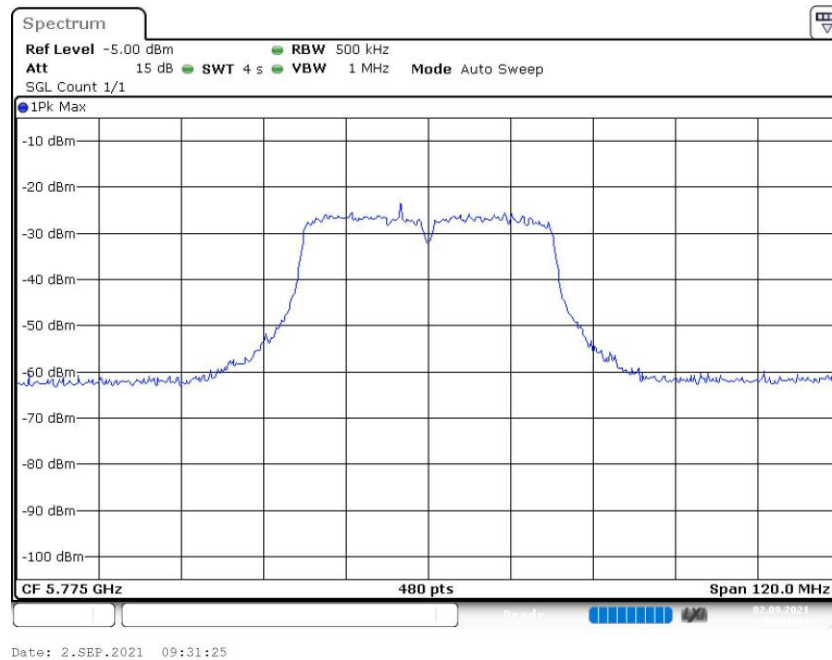
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	36.500000	---	---	5756.625000	5793.125000

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
17889.250000	-26.6	-35.9	-27.0	8.9	PASS
19887.750000	-26.2	-35.7	-27.0	8.7	PASS
29599.250000	-26.2	-35.6	-27.0	8.6	PASS
31246.750000	-25.9	-35.5	-27.0	8.5	PASS
31597.250000	-26.0	-35.5	-27.0	8.5	PASS
34656.750000	-25.4	-35.4	-27.0	8.4	PASS

36468.250000	-24.1	-34.2	-27.0	7.2	PASS
38170.250000	-22.8	-32.8	-27.0	5.8	PASS
39903.750000	-19.5	-30.4	-27.0	3.4	PASS

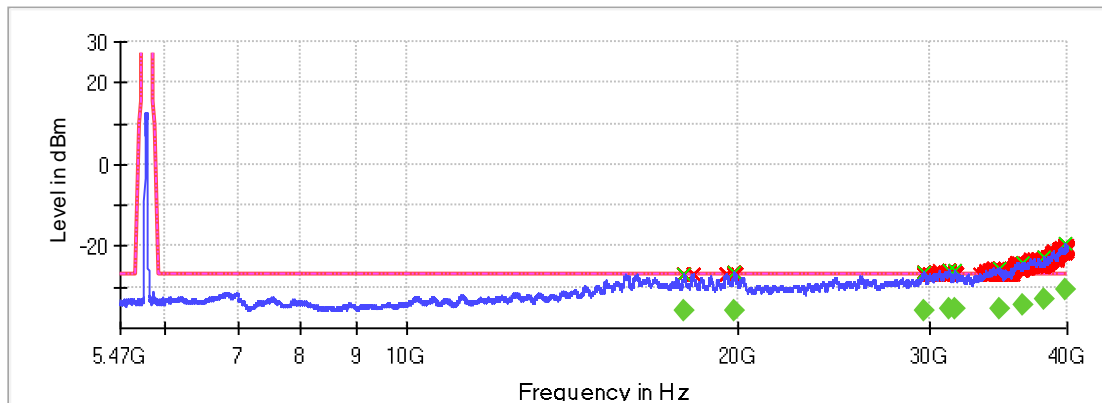
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39903.750000	-19.5	-7.5	-27.0
39889.250000	-19.6	-7.4	-27.0
39875.750000	-19.7	-7.3	-27.0
39860.750000	-19.7	-7.3	-27.0
39888.250000	-19.7	-7.3	-27.0
39898.750000	-19.8	-7.2	-27.0
39867.750000	-19.8	-7.2	-27.0
39882.250000	-19.8	-7.2	-27.0
39905.250000	-19.8	-7.2	-27.0
39900.250000	-19.8	-7.2	-27.0
39898.250000	-19.8	-7.2	-27.0
39887.750000	-19.8	-7.2	-27.0
39888.750000	-19.8	-7.2	-27.0
39873.250000	-19.8	-7.2	-27.0
39883.250000	-19.8	-7.2	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2
6100.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



- Limit
- Sum Level
- ◆ Threshold Fail
- ◆ Critical Pass
- × Critical Fail
- × Final Critical

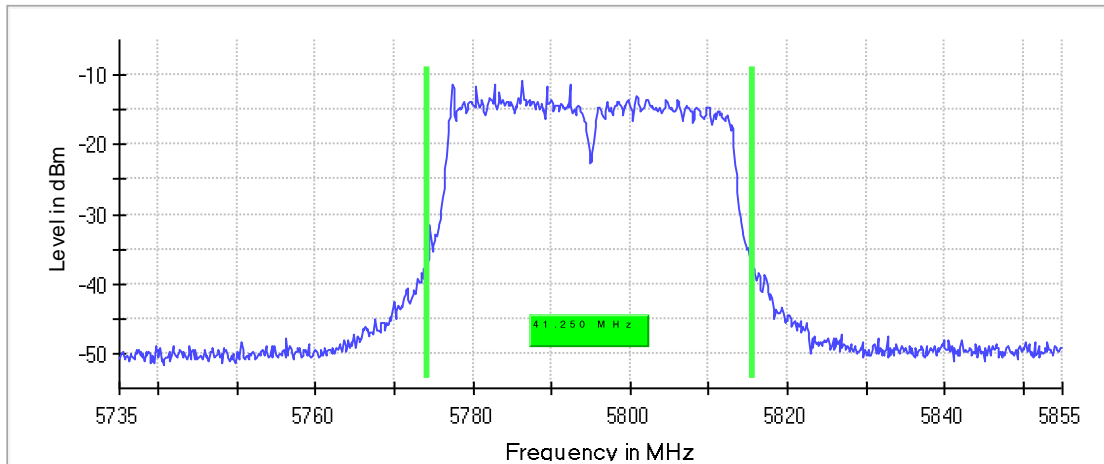
Emission Bandwidth 26 dB (5795 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

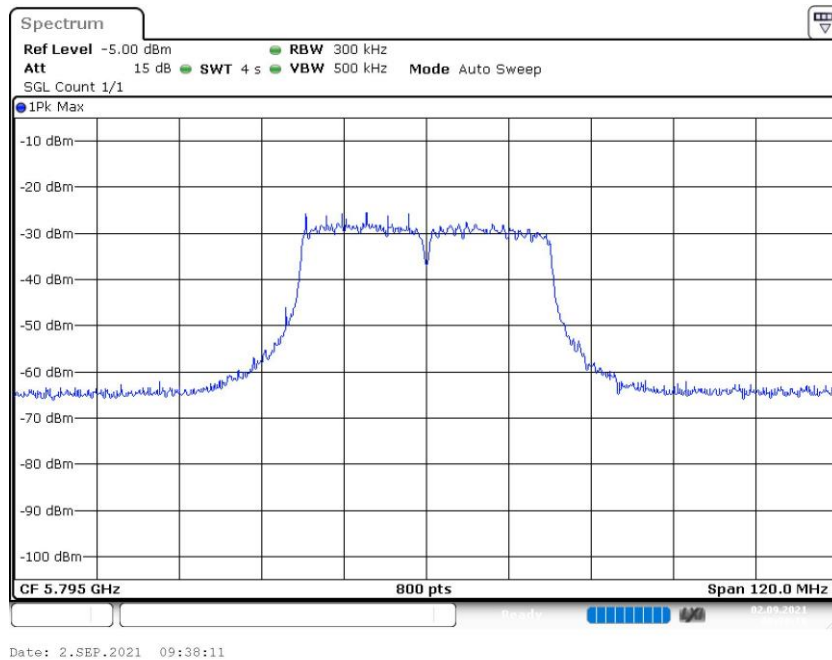
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	41.250000	---	---	5774.225000	5815.475000

DUT Frequency (MHz)	Max Level (dBm)	Result
5795.000000	-10.9	PASS

26 dB Bandwidth



Bandwidth



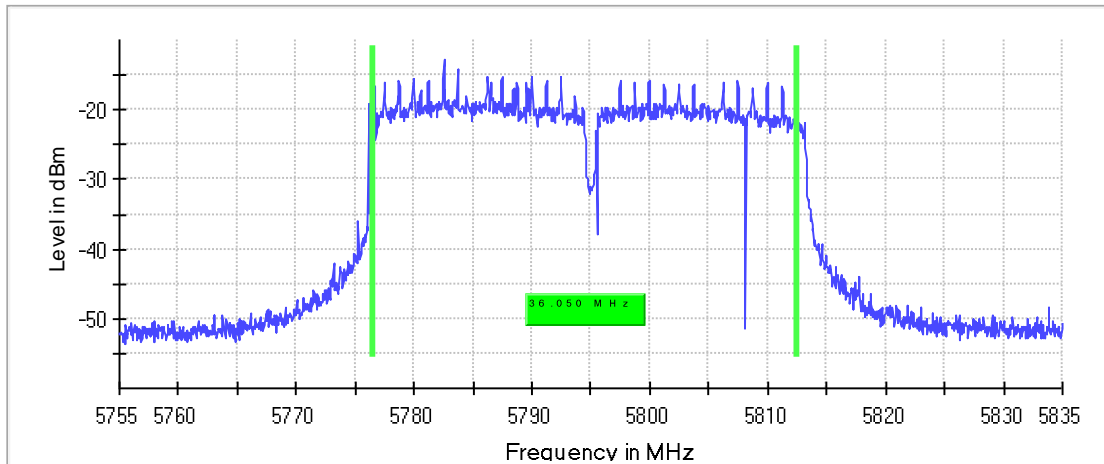
Minimum Emission Bandwidth 6 dB (5795 MHz; 24.000 dBm; 40 MHz)

6 dB Bandwidth

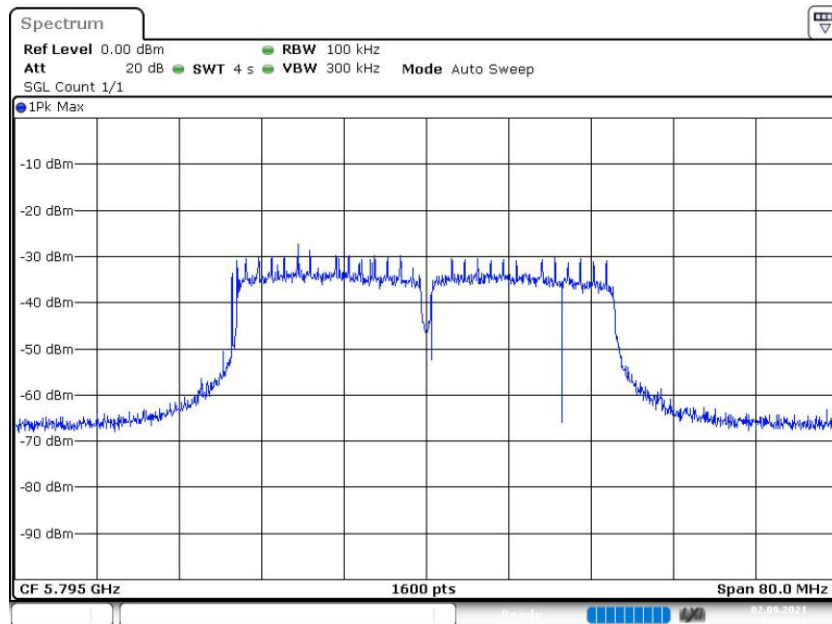
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	36.050000	0.500000	---	5776.525000	5812.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5795.000000	-12.7	PASS

6 dB Bandwidth



Bandwidth



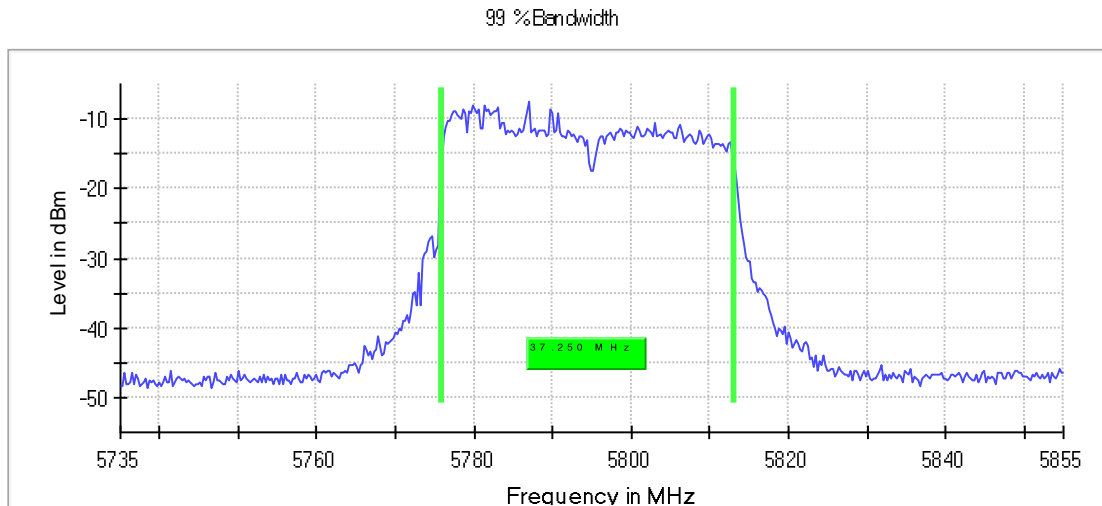
Date: 2.SEP.2021 09:39:19

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

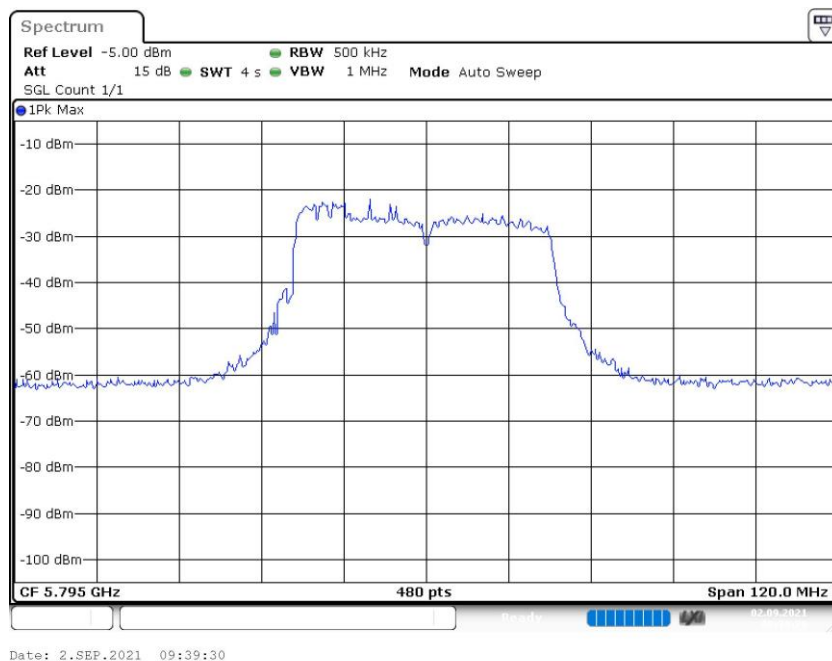
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	37.250000	---	---	5775.875000	5813.125000

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
16147.250000	-26.9	-36.2	-27.0	9.2	PASS
17887.750000	-26.7	-35.9	-27.0	8.9	PASS
19898.250000	-26.4	-35.7	-27.0	8.7	PASS
29600.750000	-26.3	-35.6	-27.0	8.6	PASS
31210.750000	-25.6	-35.4	-27.0	8.4	PASS
31596.250000	-26.2	-35.5	-27.0	8.5	PASS
34654.250000	-25.4	-35.4	-27.0	8.4	PASS

36495.250000	-24.1	-34.2	-27.0	7.2	PASS
38162.750000	-22.7	-32.8	-27.0	5.8	PASS
39892.750000	-19.7	-30.3	-27.0	3.3	PASS

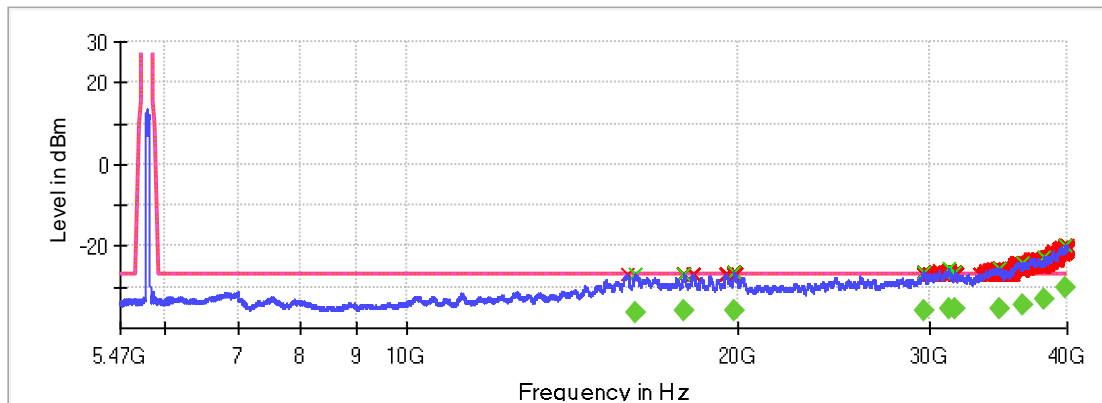
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39892.750000	-19.7	-7.3	-27.0
39898.750000	-19.7	-7.3	-27.0
39879.750000	-19.7	-7.3	-27.0
39908.250000	-19.7	-7.3	-27.0
39903.250000	-19.7	-7.3	-27.0
39878.250000	-19.7	-7.3	-27.0
39893.750000	-19.8	-7.2	-27.0
39886.750000	-19.8	-7.2	-27.0
39896.250000	-19.8	-7.2	-27.0
39898.250000	-19.8	-7.2	-27.0
39881.750000	-19.8	-7.2	-27.0
39880.750000	-19.8	-7.2	-27.0
39890.750000	-19.8	-7.2	-27.0
39905.750000	-19.8	-7.2	-27.0
39897.250000	-19.8	-7.2	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2
6100.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



- Limit
- Sum Level
- ◆ Threshold Fail
- ◆ Critical Pass
- × Critical
- × Final Critical

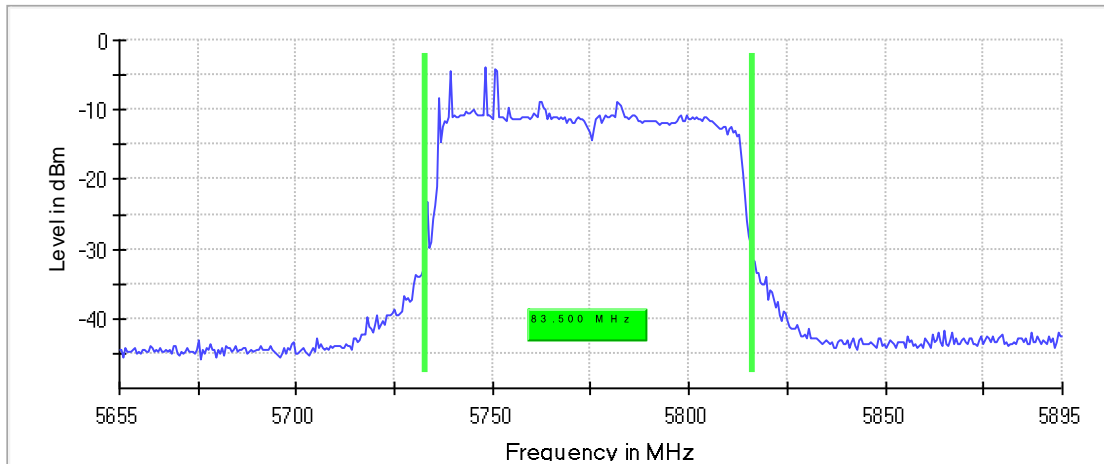
Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

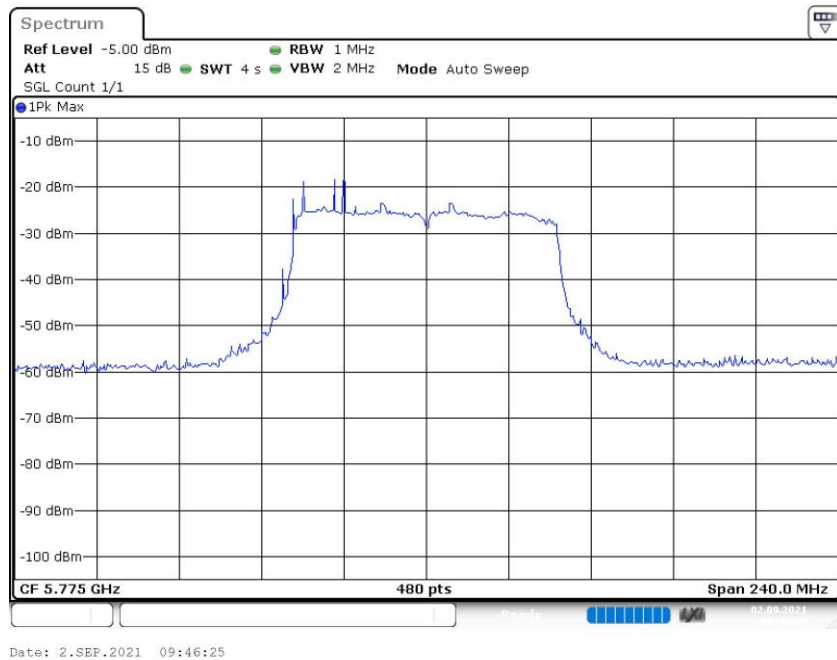
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	83.500000	---	---	5732.750000	5816.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	-4.0	PASS

26 dB Bandwidth



Bandwidth



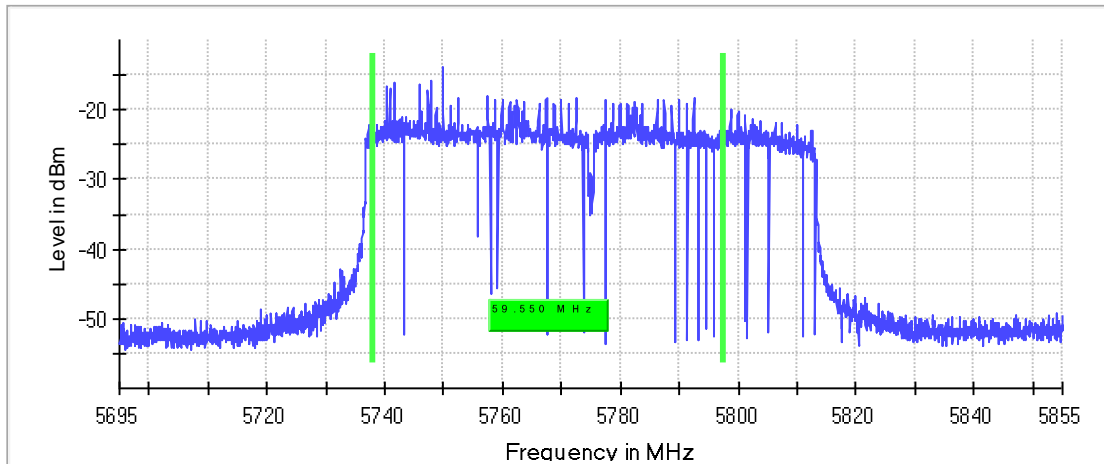
Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 80 MHz)

6 dB Bandwidth

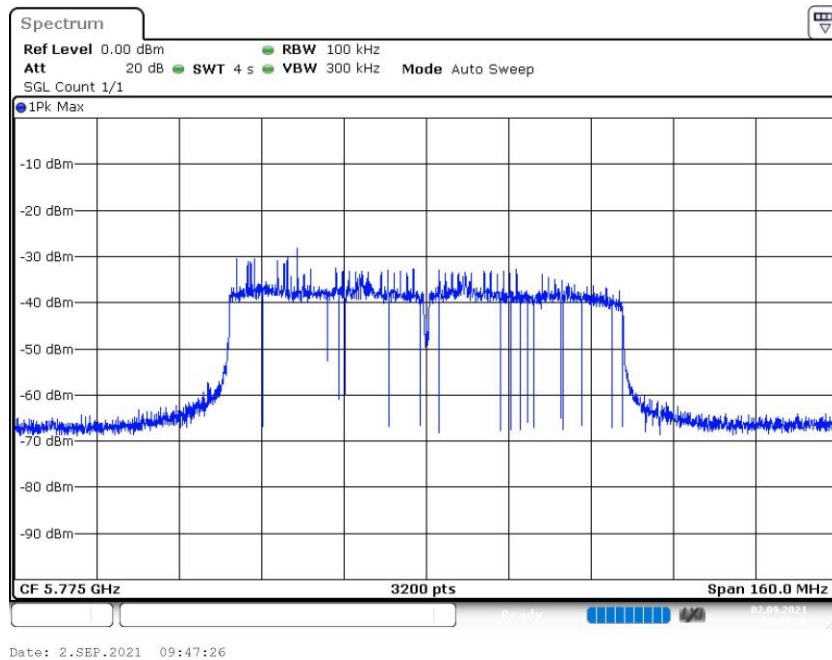
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	59.550000	0.500000	---	5738.025000	5797.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	-13.8	PASS

6 dB Bandwidth



Bandwidth

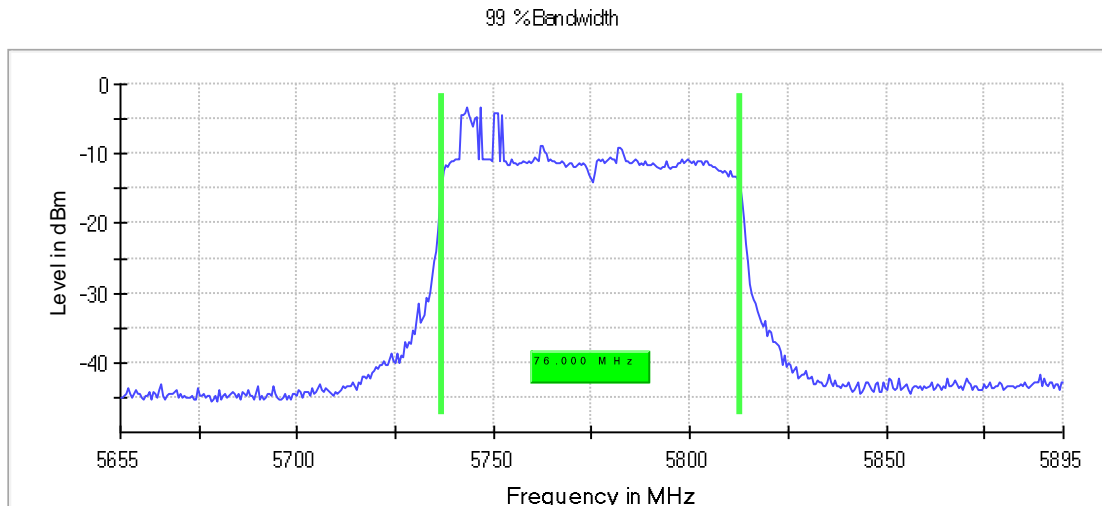


Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 80 MHz)

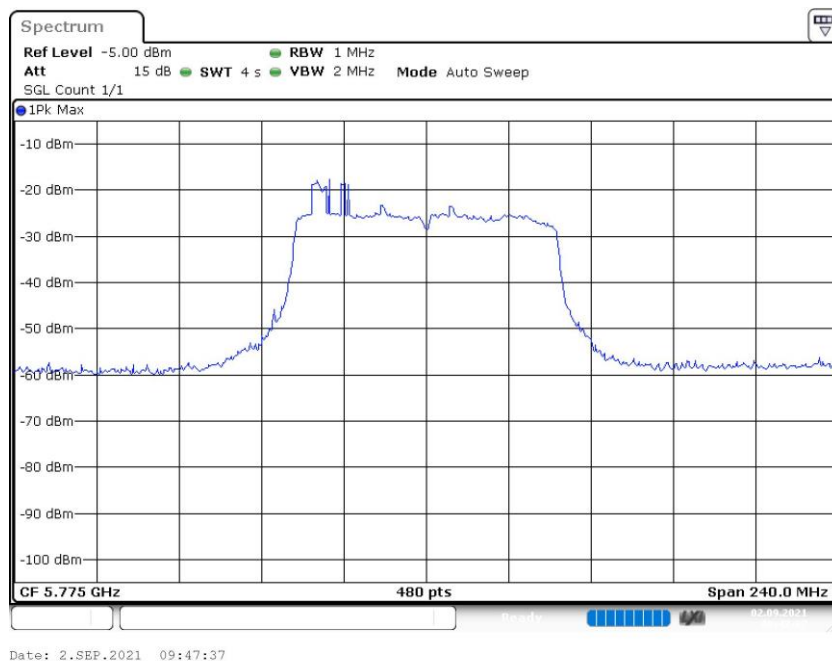
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	76.000000	---	---	5736.750000	5812.750000

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
16159.250000	-27.0	-36.1	-27.0	9.1	PASS
17892.750000	-26.7	-35.9	-27.0	8.9	PASS
19891.250000	-26.4	-35.7	-27.0	8.7	PASS
29598.250000	-26.3	-35.6	-27.0	8.6	PASS
31206.250000	-25.8	-35.4	-27.0	8.4	PASS
31594.750000	-26.1	-35.5	-27.0	8.5	PASS
34650.250000	-25.4	-35.4	-27.0	8.4	PASS

36454.750000	-24.0	-34.2	-27.0	7.2	PASS
38173.250000	-22.8	-33.2	-27.0	6.2	PASS
39890.750000	-19.7	-30.4	-27.0	3.4	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39890.750000	-19.7	-7.3	-27.0
39879.750000	-19.7	-7.3	-27.0
39895.750000	-19.7	-7.3	-27.0
39903.250000	-19.7	-7.3	-27.0
39885.250000	-19.8	-7.2	-27.0
39886.250000	-19.8	-7.2	-27.0
39894.250000	-19.8	-7.2	-27.0
39901.750000	-19.8	-7.2	-27.0
39880.750000	-19.8	-7.2	-27.0
39888.250000	-19.8	-7.2	-27.0
39878.250000	-19.8	-7.2	-27.0
39896.750000	-19.9	-7.1	-27.0
39866.750000	-19.9	-7.1	-27.0
39888.750000	-19.9	-7.1	-27.0
39878.750000	-19.9	-7.1	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
5470.000000	6100.000000	2	2
6100.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious

