

LTU-Instant UNII-3 Annex

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5730.000	30.0	10.000000	PASS
RF output power	5730.000	30.0	10.000000	PASS
Power Spectral Density	5730.000	30.0	10.000000	PASS
Minimum Emission Bandwidth 6 dB	5730.000	30.0	10.000000	PASS
Occupied Channel Bandwidth 99%	5730.000	30.0	10.000000	PASS
Frequency Error	5730.000	30.0	10.000000	PASS
Tx Spurious Emission	5730.000	30.0	10.000000	PASS
Emission Bandwidth 26 dB	5790.000	30.0	10.000000	PASS
RF output power	5790.000	30.0	10.000000	PASS
Power Spectral Density	5790.000	30.0	10.000000	PASS
Minimum Emission Bandwidth 6 dB	5790.000	30.0	10.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	30.0	10.000000	PASS
Tx Spurious Emission	5790.000	30.0	10.000000	PASS
Emission Bandwidth 26 dB	5845.000	30.0	10.000000	PASS
RF output power	5845.000	30.0	10.000000	PASS
Power Spectral Density	5845.000	30.0	10.000000	PASS
Minimum Emission Bandwidth 6 dB	5845.000	30.0	10.000000	PASS
Occupied Channel Bandwidth 99%	5845.000	30.0	10.000000	PASS
Frequency Error	5845.000	30.0	10.000000	PASS
Tx Spurious Emission	5845.000	30.0	10.000000	PASS
Emission Bandwidth 26 dB	5735.000	30.0	20.000000	PASS
RF output power	5735.000	30.0	20.000000	PASS
Power Spectral Density	5735.000	30.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5735.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5735.000	30.0	20.000000	PASS
Tx Spurious Emission	5735.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5790.000	30.0	20.000000	PASS
RF output power	5790.000	30.0	20.000000	PASS
Power Spectral Density	5790.000	30.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5790.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	30.0	20.000000	PASS
Tx Spurious Emission	5790.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5840.000	30.0	20.000000	PASS
RF output power	5840.000	30.0	20.000000	PASS
Power Spectral Density	5840.000	30.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5840.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5840.000	30.0	20.000000	PASS
Tx Spurious Emission	5840.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5740.000	30.0	30.000000	PASS
RF output power	5740.000	30.0	30.000000	PASS
Power Spectral Density	5740.000	30.0	30.000000	PASS
Minimum Emission Bandwidth 6 dB	5740.000	30.0	30.000000	PASS
Occupied Channel Bandwidth 99%	5740.000	30.0	30.000000	PASS
Tx Spurious Emission	5740.000	30.0	30.000000	PASS
Emission Bandwidth 26 dB	5790.000	30.0	30.000000	PASS
RF output power	5790.000	30.0	30.000000	PASS
Power Spectral Density	5790.000	30.0	30.000000	PASS
Minimum Emission Bandwidth 6 dB	5790.000	30.0	30.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	30.0	30.000000	PASS
Tx Spurious Emission	5790.000	30.0	30.000000	PASS
Emission Bandwidth 26 dB	5835.000	30.0	30.000000	PASS
RF output power	5835.000	30.0	30.000000	PASS
Power Spectral Density	5835.000	30.0	30.000000	PASS
Minimum Emission Bandwidth 6 dB	5835.000	30.0	30.000000	PASS
Occupied Channel Bandwidth 99%	5835.000	30.0	30.000000	PASS
Tx Spurious Emission	5835.000	30.0	30.000000	PASS
Emission Bandwidth 26 dB	5745.000	30.0	40.000000	PASS
RF output power	5745.000	30.0	40.000000	PASS
Power Spectral Density	5745.000	30.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5745.000	30.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5745.000	30.0	40.000000	PASS
Tx Spurious Emission	5745.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5790.000	30.0	40.000000	PASS
RF output power	5790.000	30.0	40.000000	PASS
Power Spectral Density	5790.000	30.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5790.000	30.0	40.000000	PASS

Occupied Channel Bandwidth 99%	5790.000	30.0	40.000000	PASS
Tx Spurious Emission	5790.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5830.000	30.0	40.000000	PASS
RF output power	5830.000	30.0	40.000000	PASS
Power Spectral Density	5830.000	30.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5830.000	30.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5830.000	30.0	40.000000	PASS
Tx Spurious Emission	5830.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5750.000	30.0	50.000000	PASS
RF output power	5750.000	30.0	50.000000	PASS
Power Spectral Density	5750.000	30.0	50.000000	PASS
Minimum Emission Bandwidth 6 dB	5750.000	30.0	50.000000	PASS
Occupied Channel Bandwidth 99%	5750.000	30.0	50.000000	PASS
Tx Spurious Emission	5750.000	30.0	50.000000	PASS
Emission Bandwidth 26 dB	5790.000	30.0	50.000000	PASS
RF output power	5790.000	30.0	50.000000	PASS
Power Spectral Density	5790.000	30.0	50.000000	PASS
Minimum Emission Bandwidth 6 dB	5790.000	30.0	50.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	30.0	50.000000	PASS
Tx Spurious Emission	5790.000	30.0	50.000000	PASS
Emission Bandwidth 26 dB	5825.000	30.0	50.000000	PASS
RF output power	5825.000	30.0	50.000000	PASS
Power Spectral Density	5825.000	30.0	50.000000	PASS
Minimum Emission Bandwidth 6 dB	5825.000	30.0	50.000000	PASS
Occupied Channel Bandwidth 99%	5825.000	30.0	50.000000	PASS
Tx Spurious Emission	5825.000	30.0	50.000000	PASS

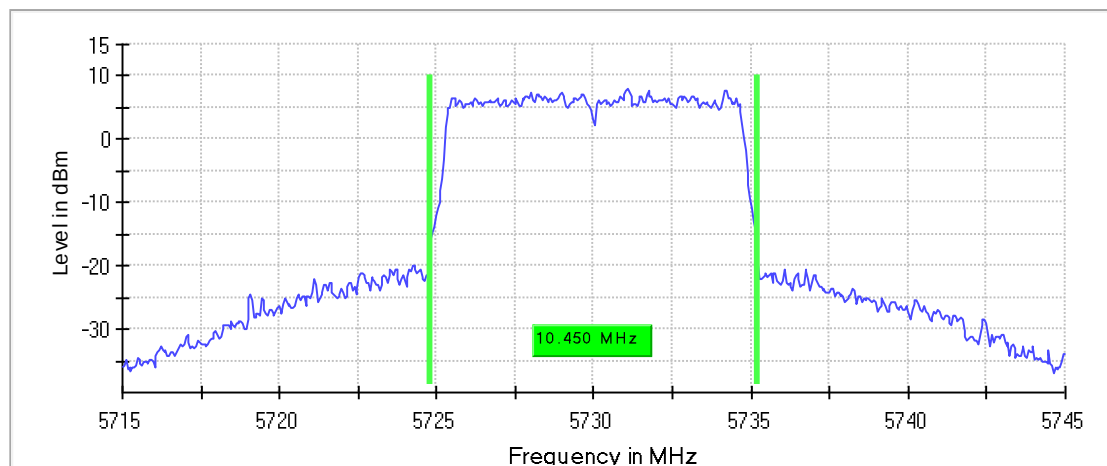
Emission Bandwidth 26 dB (5730 MHz; 30.000 dBm; 10 MHz)

26 dB Bandwidth

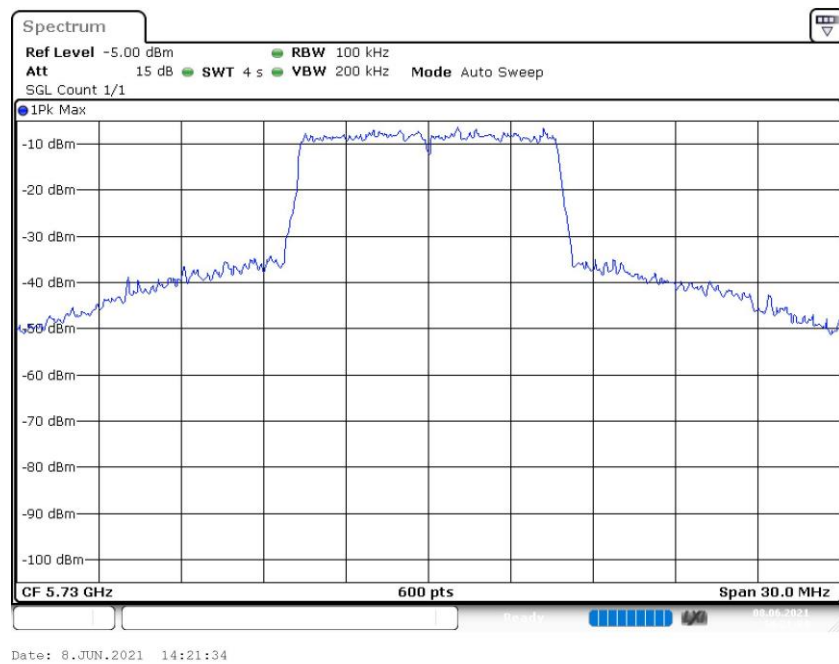
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5730.000000	10.450000	---	---	5724.775000	5735.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5730.000000	8.0	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71500 GHz	5.71500 GHz
Stop Frequency	5.74500 GHz	5.74500 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	200.000 kHz	>= 120.000 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 (5730 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5730.000000	23.3	30.0	26.3	98.320	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 (5730 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
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5730.000000	5727.722772	8.173	30.0	PASS
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Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.73500 GHz	5.73500 GHz
Span	10.000 MHz	10.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	101	~ 40
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

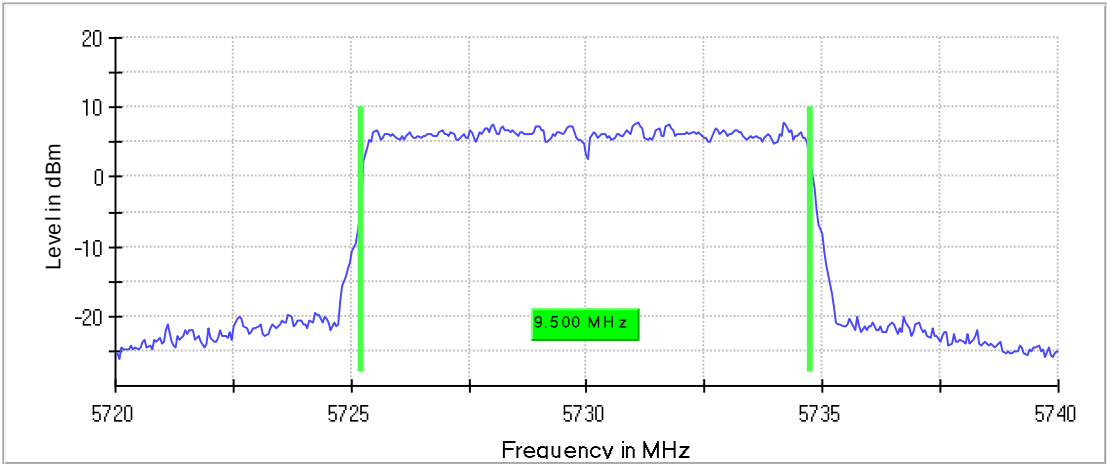
Minimum Emission Bandwidth 6 dB (5730 MHz; 30.000 dBm; 10 MHz)

6 dB Bandwidth

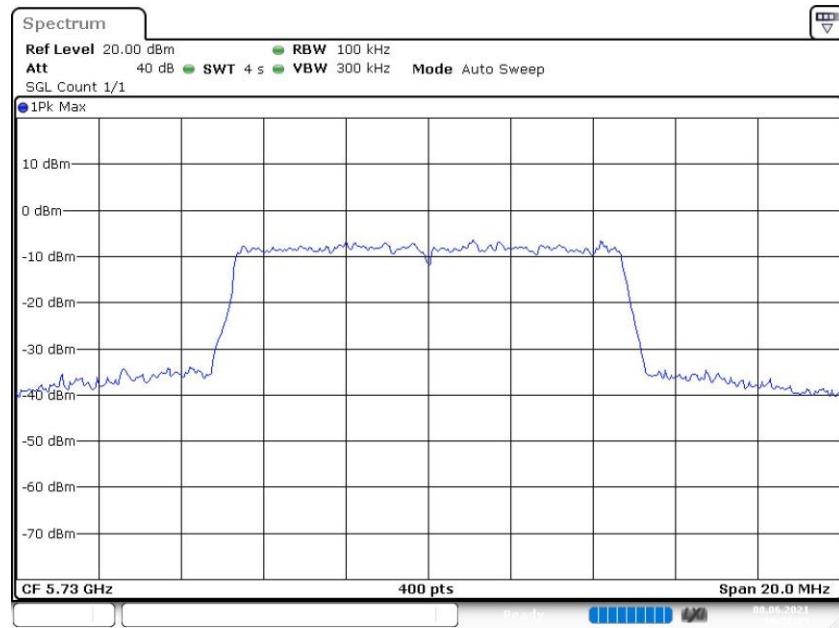
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5730.000000	9.500000	0.500000	---	5725.225000	5734.725000

DUT Frequency (MHz)	Max Level (dBm)	Result
5730.000000	8.0	PASS

6 dB Bandwidth



Bandwidth



Date: 8.JUN.2021 14:22:26

Measurement

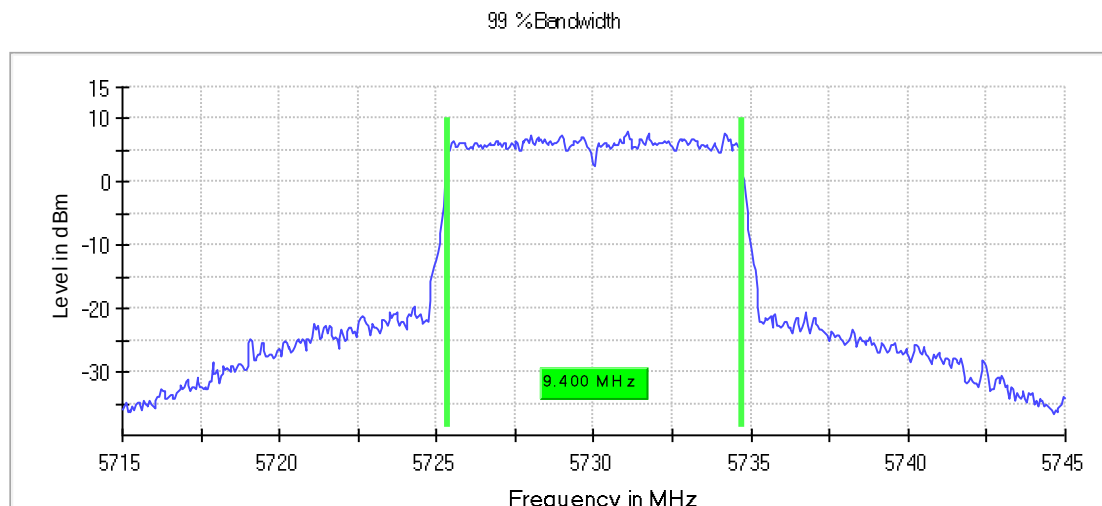
Setting	Instrument Value	Target Value
Start Frequency	5.72000 GHz	5.72000 GHz
Stop Frequency	5.74000 GHz	5.74000 GHz
Span	20.000 MHz	20.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	400	~ 400
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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% (5730 MHz; 30.000 dBm; 10 MHz)

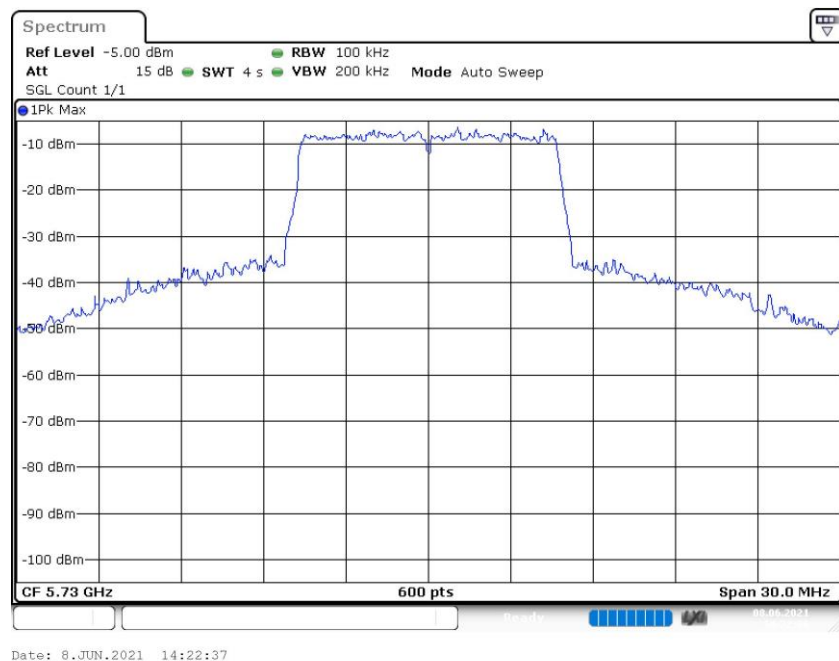
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5730.000000	9.400000	---	---	5725.325000	5734.725000

DUT Frequency (MHz)	Result
5730.000000	PASS



Bandwidth



Measurement

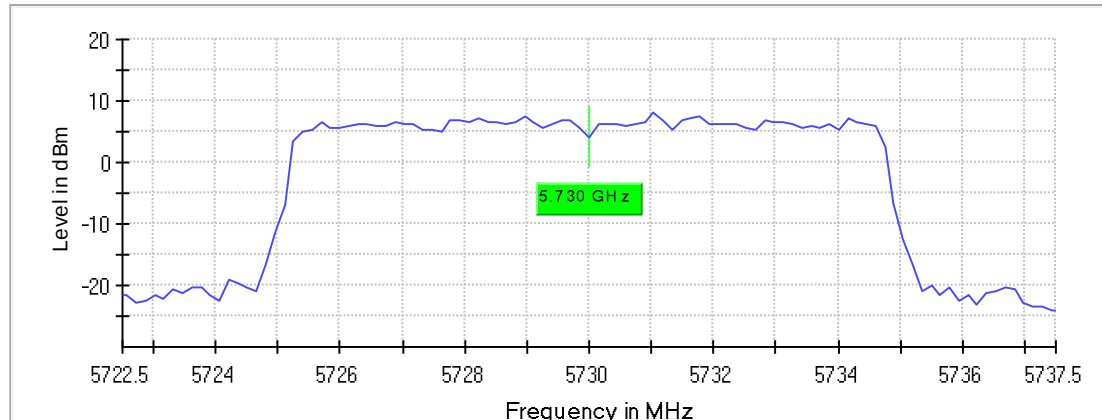
Setting	Instrument Value	Target Value
Start Frequency	5.71500 GHz	5.71500 GHz
Stop Frequency	5.74500 GHz	5.74500 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	>= 100.000 kHz
VBW	200.000 kHz	>= 120.000 kHz
SweepPoints	600	~ 600
SweepTime	4.000 s	4.000 s
Reference Level	-5.000 dBm	-5.000 dBm
Attenuation	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

Frequency Error (5730 MHz; 30.000 dBm; 10 MHz)

Result

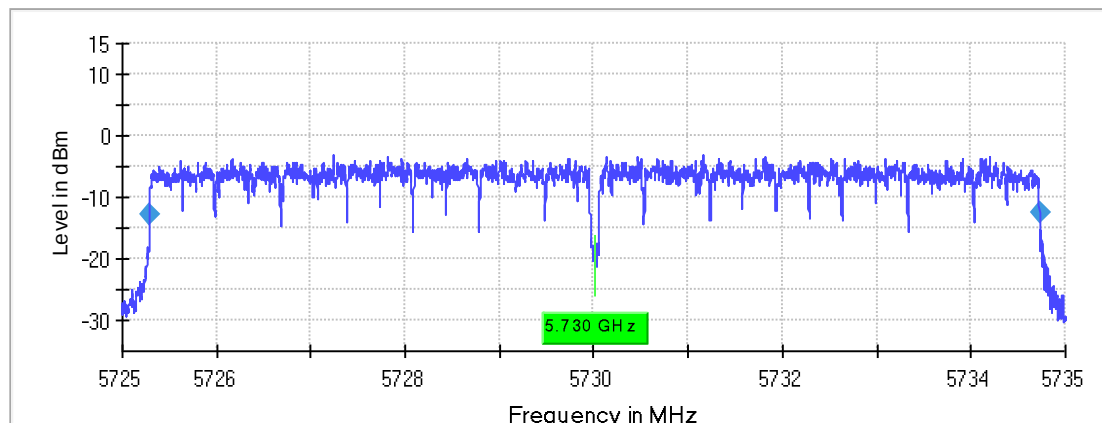
DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
5730.000000	5730.005000	0.873	4.999500	---	---	PASS

Frequency stability Pre



Center frequency Max Hold

Frequency stability



Edge points Max Hold Center frequency

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.73500 GHz	5.73500 GHz
Span	10.000 MHz	10.000 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	10001	~ 10001
Sweptime	568.782 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	50	50
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Stablemode	Trace	Trace
Stablevalue	1.00 dB	1.00 dB
Run	9 / max. 150	max. 150
Stable	1 / 1	1
Max Stable Difference	0.94 dB	1.00 dB

Tx Spurious Emission (5730 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Result
5730.000000	PASS

Final measurements

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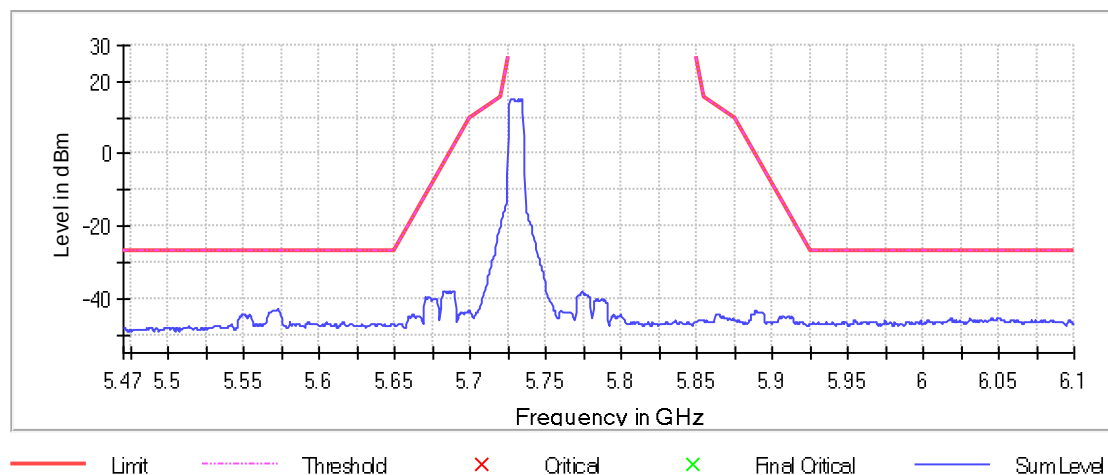
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5572.750000	-42.9	15.9	-27.0
5572.250000	-43.0	16.0	-27.0
5570.750000	-43.1	16.1	-27.0
5573.250000	-43.2	16.2	-27.0
5570.250000	-43.2	16.2	-27.0
5571.250000	-43.2	16.2	-27.0
5571.750000	-43.3	16.3	-27.0
5568.750000	-43.4	16.4	-27.0
5569.250000	-43.4	16.4	-27.0
5568.250000	-43.5	16.5	-27.0
5569.750000	-43.5	16.5	-27.0
5573.750000	-43.7	16.7	-27.0
5567.750000	-43.8	16.8	-27.0
5566.750000	-43.8	16.8	-27.0
5567.250000	-43.9	16.9	-27.0

Measurement Settings

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

Spurious



Pre Measurement 2

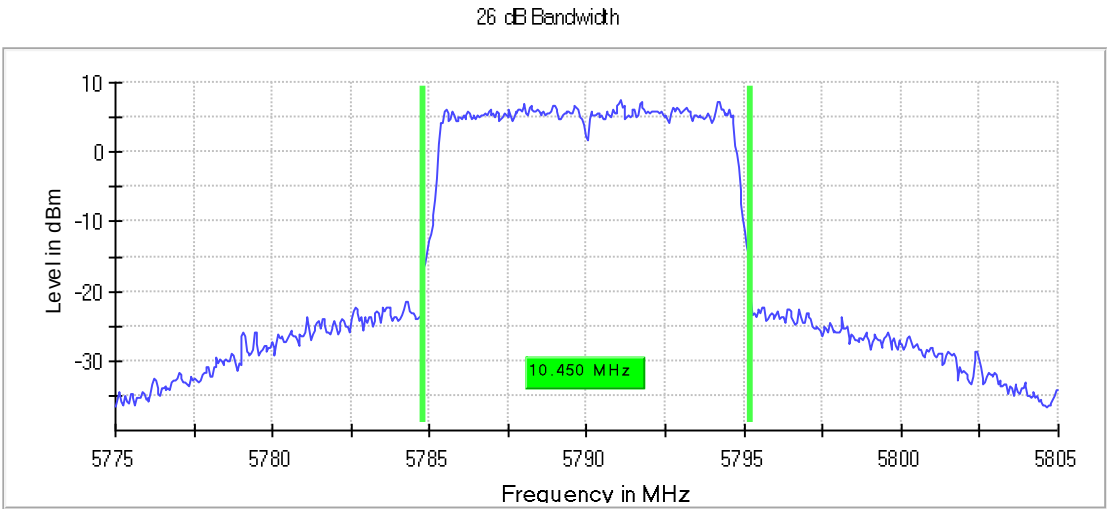
Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	1260	~ 1260
SweepTime	85.781 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (5790 MHz; 30.000 dBm; 10 MHz)

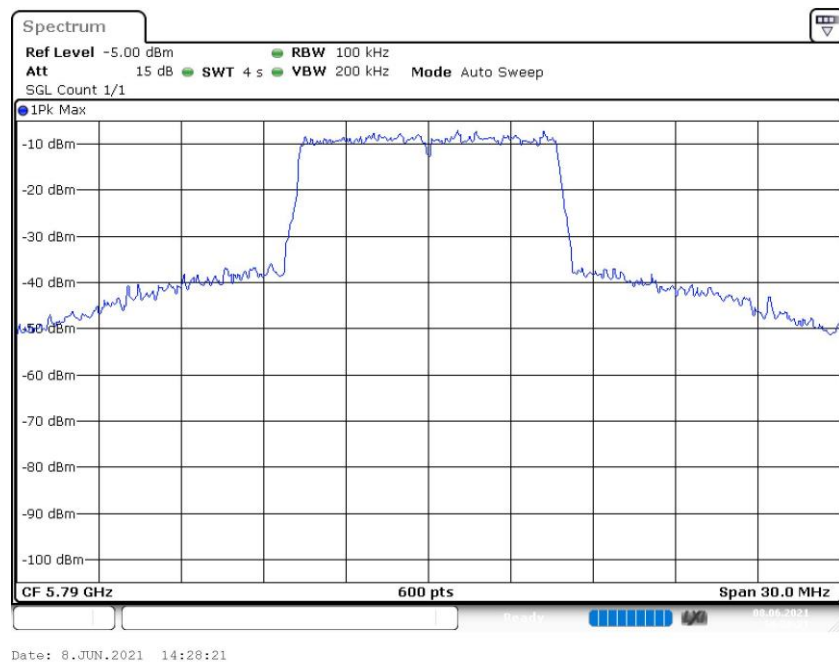
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	10.450000	---	---	5784.775000	5795.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	7.5	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.77500 GHz	5.77500 GHz
Stop Frequency	5.80500 GHz	5.80500 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	200.000 kHz	>= 120.000 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 (5790 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5790.000000	22.6	30.0	25.6	98.321	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 (5790 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5790.000000	5787.722772	7.599	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.78500 GHz	5.78500 GHz
Stop Frequency	5.79500 GHz	5.79500 GHz
Span	10.000 MHz	10.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	101	~ 40
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

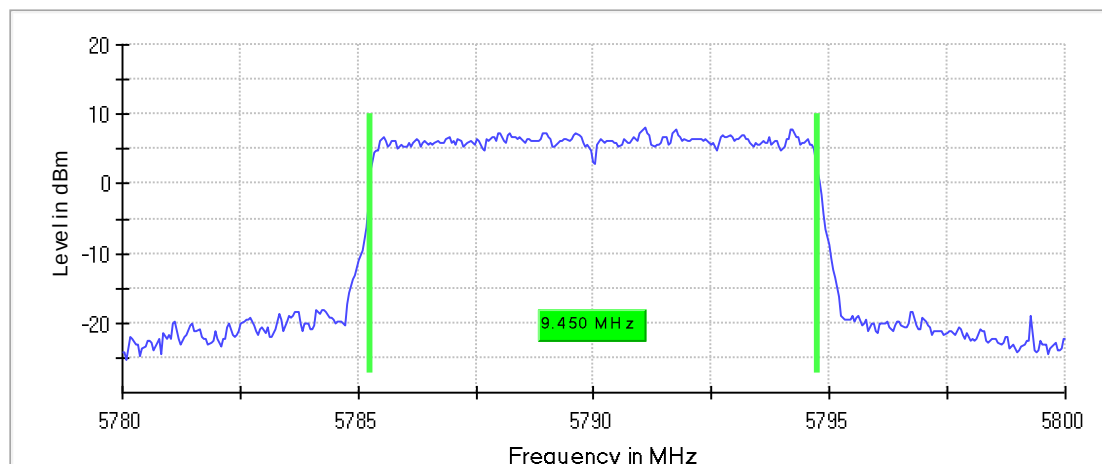
Minimum Emission Bandwidth 6 dB (5790 MHz; 30.000 dBm; 10 MHz)

6 dB Bandwidth

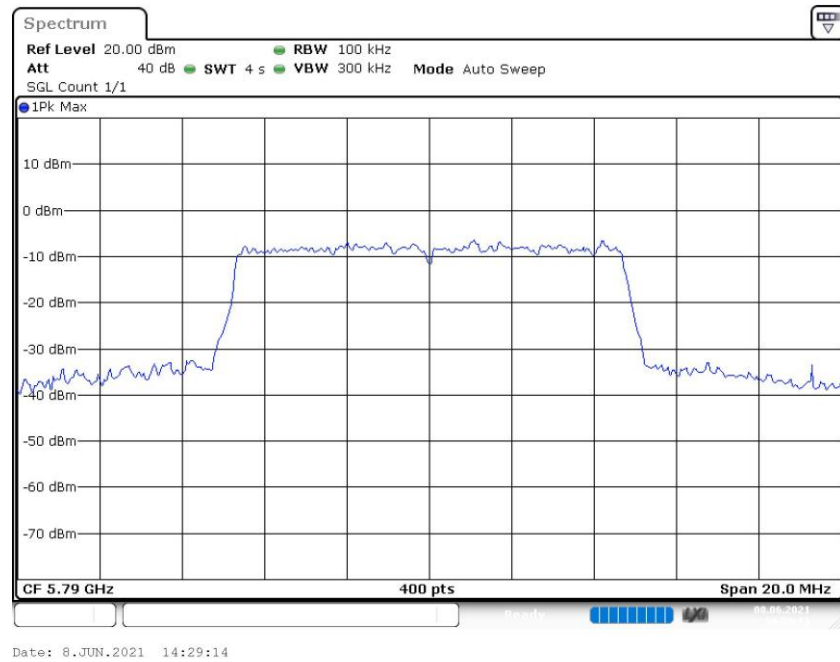
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	9.450000	0.500000	---	5785.275000	5794.725000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	8.1	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.78000 GHz	5.78000 GHz
Stop Frequency	5.80000 GHz	5.80000 GHz
Span	20.000 MHz	20.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	400	~ 400
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

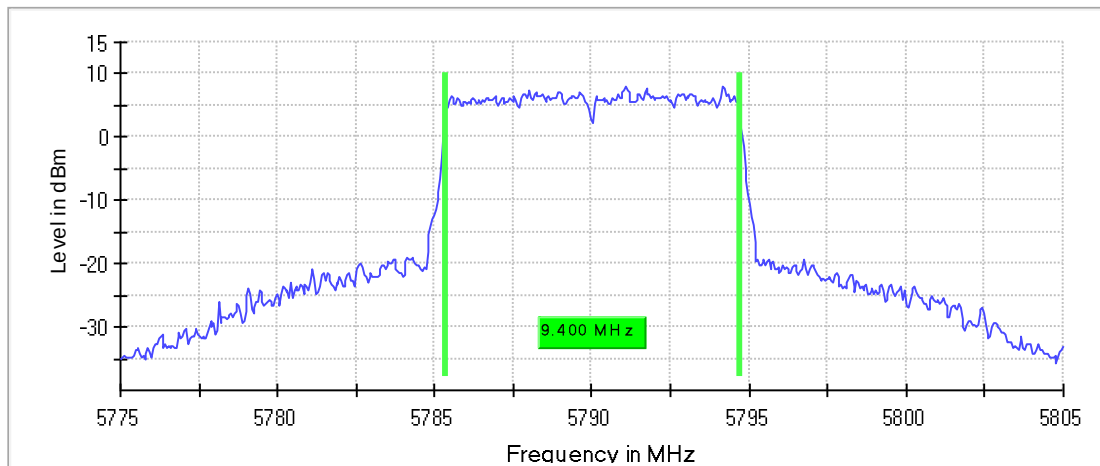
Occupied Channel Bandwidth 99% (5790 MHz; 30.000 dBm; 10 MHz)

99 % Bandwidth

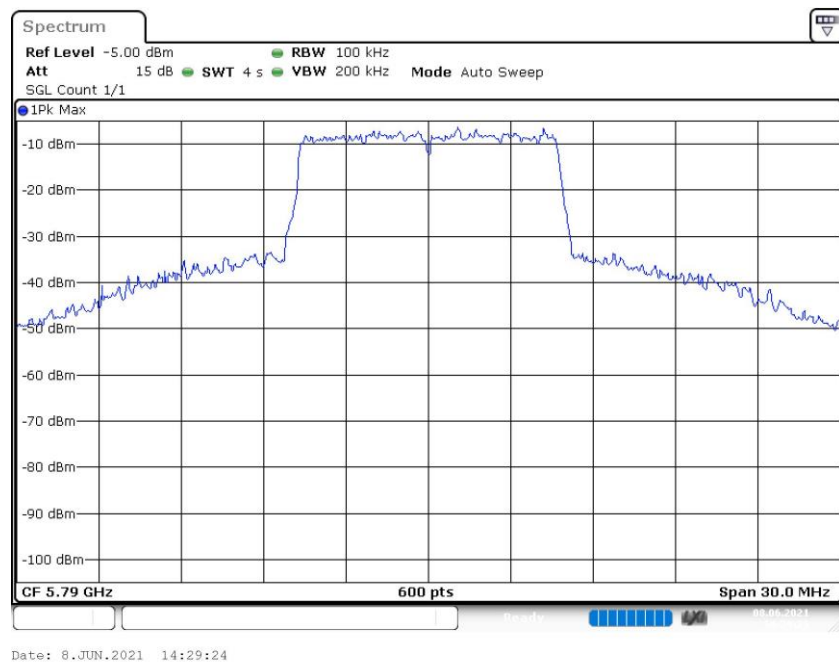
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	9.400000	---	---	5785.325000	5794.725000

DUT Frequency (MHz)	Result
5790.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.77500 GHz	5.77500 GHz
Stop Frequency	5.80500 GHz	5.80500 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	>= 100.000 kHz
VBW	200.000 kHz	>= 120.000 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 (5790 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Result
5790.000000	PASS

Final measurements

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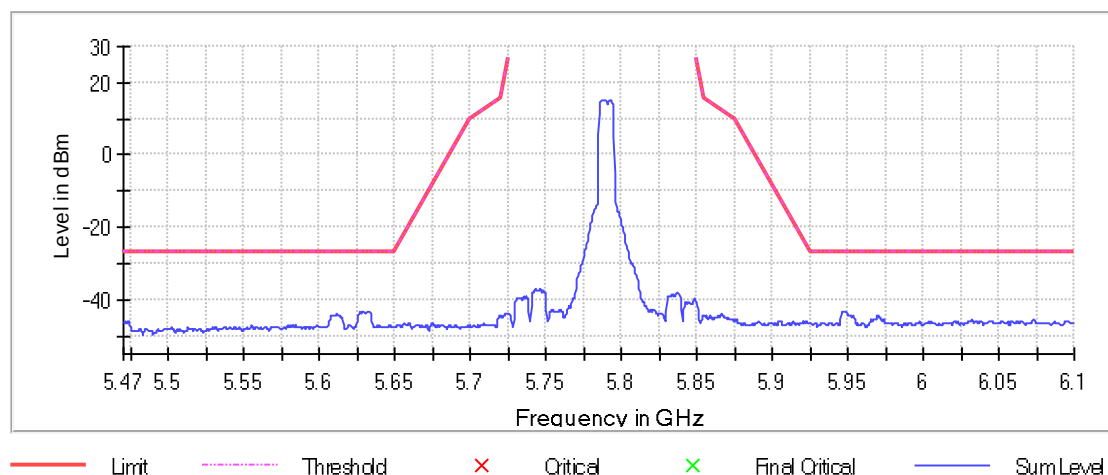
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5947.250000	-43.1	16.1	-27.0
5946.750000	-43.2	16.2	-27.0
5633.250000	-43.3	16.3	-27.0
5628.250000	-43.4	16.4	-27.0
5628.750000	-43.4	16.4	-27.0
5631.250000	-43.4	16.4	-27.0
5632.750000	-43.4	16.4	-27.0
5947.750000	-43.4	16.4	-27.0
5631.750000	-43.4	16.4	-27.0
5626.750000	-43.5	16.5	-27.0
5629.250000	-43.5	16.5	-27.0
5948.250000	-43.5	16.5	-27.0
5946.250000	-43.5	16.5	-27.0
5948.750000	-43.5	16.5	-27.0
5632.250000	-43.6	16.6	-27.0

Measurement Settings

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

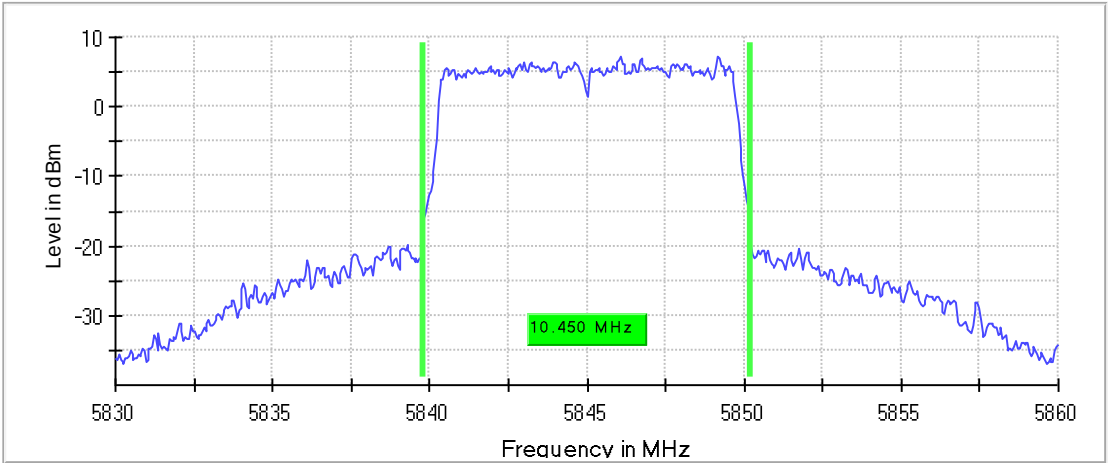
Emission Bandwidth 26 dB (5845 MHz; 30.000 dBm; 10 MHz)

26 dB Bandwidth

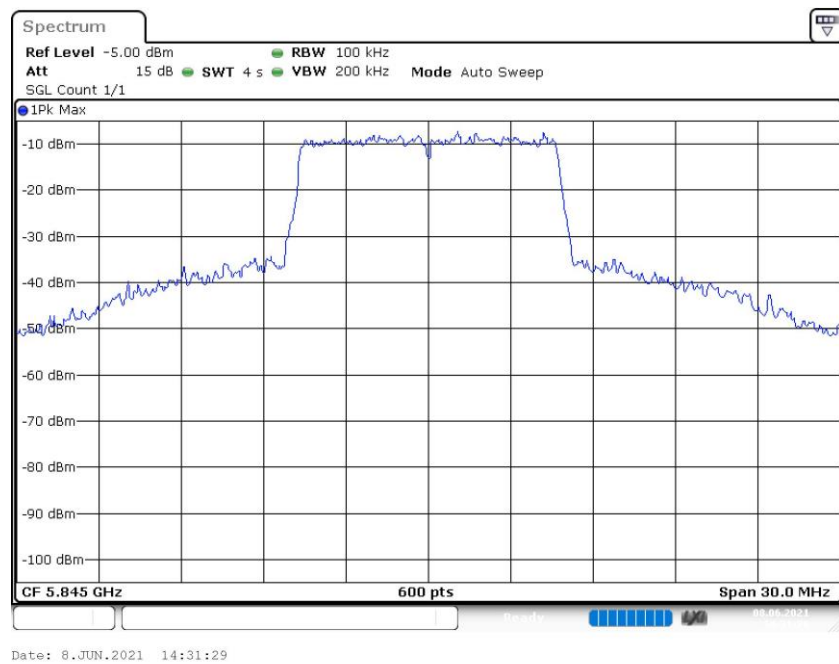
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5845.000000	10.450000	---	---	5839.775000	5850.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5845.000000	7.3	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.83000 GHz	5.83000 GHz
Stop Frequency	5.86000 GHz	5.86000 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	200.000 kHz	>= 120.000 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 (5845 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5845.000000	22.8	30.0	25.8	98.320	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 (5845 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5845.000000	5845.693069	7.518	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.84000 GHz	5.84000 GHz
Stop Frequency	5.85000 GHz	5.85000 GHz
Span	10.000 MHz	10.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	101	~ 40
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

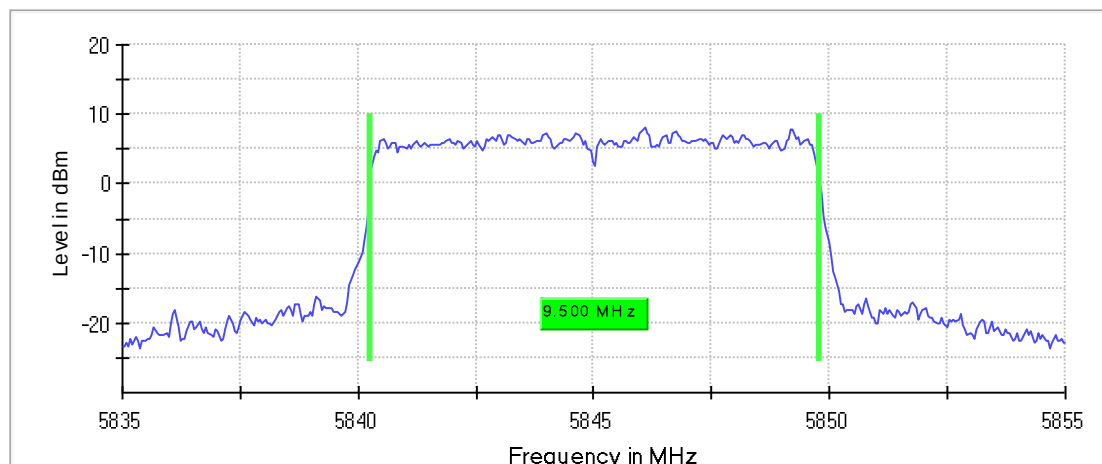
Minimum Emission Bandwidth 6 dB (5845 MHz; 30.000 dBm; 10 MHz)

6 dB Bandwidth

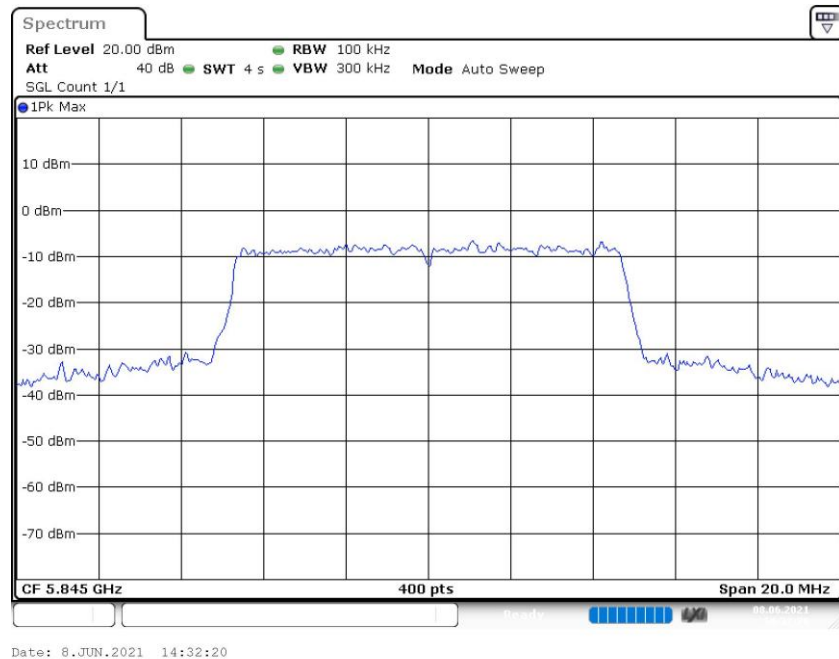
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5845.000000	9.500000	0.500000	---	5840.275000	5849.775000

DUT Frequency (MHz)	Max Level (dBm)	Result
5845.000000	8.0	PASS

6 dB Bandwidth



Bandwidth



Measurement

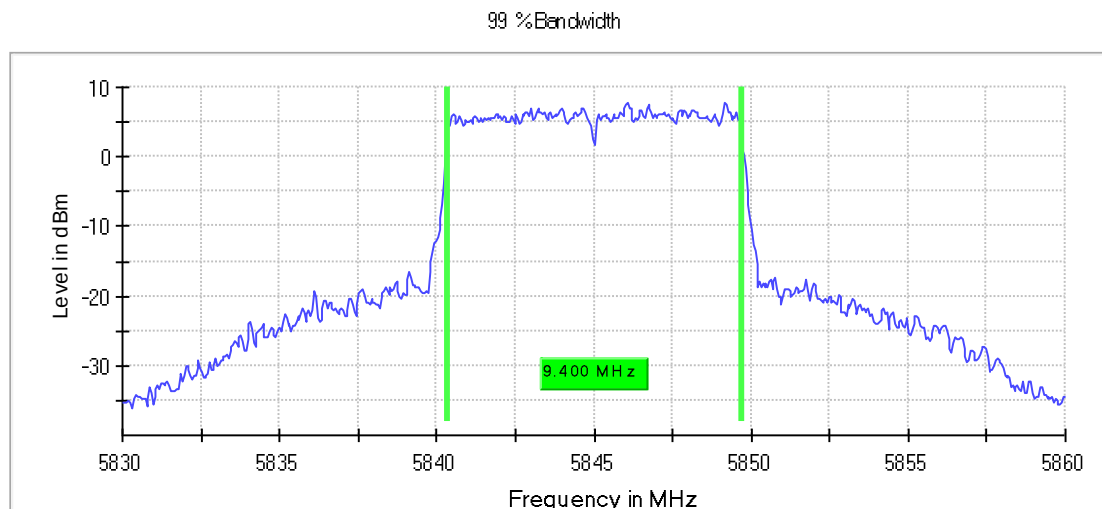
Setting	Instrument Value	Target Value
Start Frequency	5.83500 GHz	5.83500 GHz
Stop Frequency	5.85500 GHz	5.85500 GHz
Span	20.000 MHz	20.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	400	~ 400
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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% (5845 MHz; 30.000 dBm; 10 MHz)

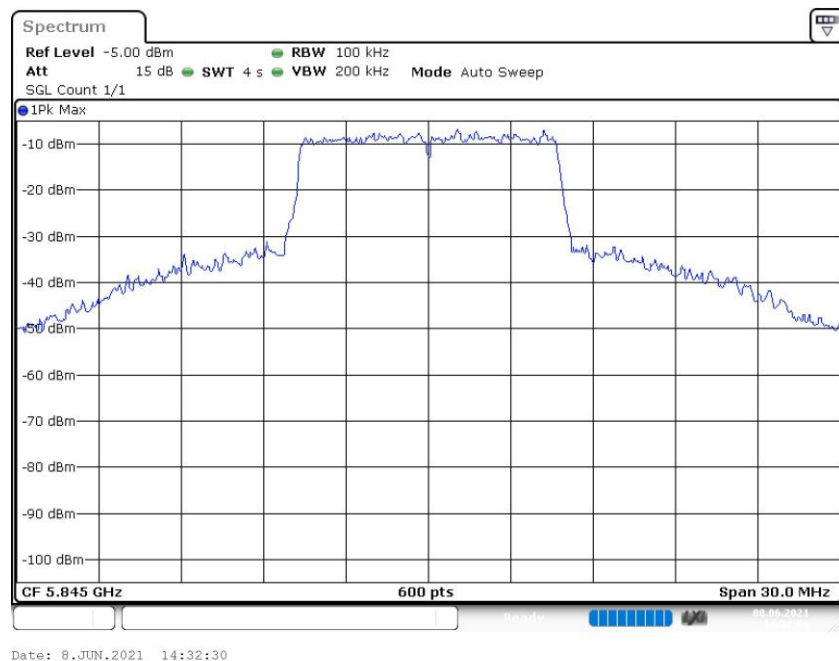
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5845.000000	9.400000	---	---	5840.325000	5849.725000

DUT Frequency (MHz)	Result
5845.000000	PASS



Bandwidth



Measurement

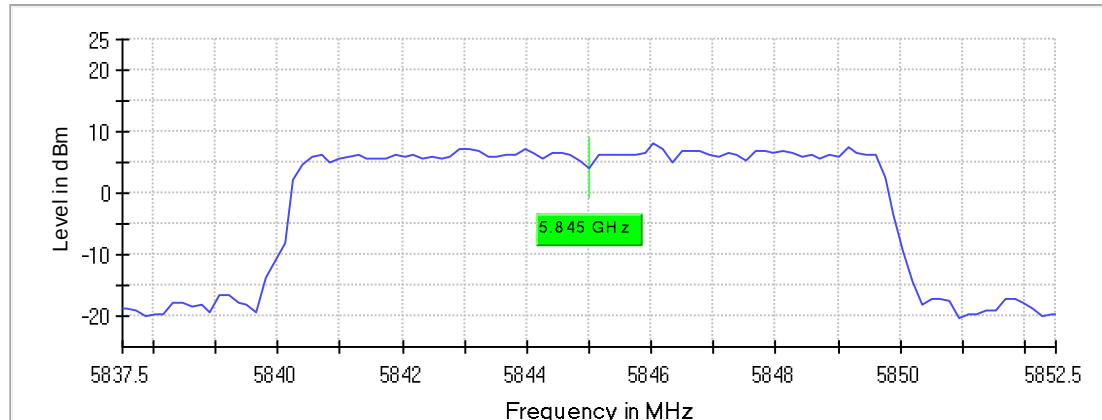
Setting	Instrument Value	Target Value
Start Frequency	5.83000 GHz	5.83000 GHz
Stop Frequency	5.86000 GHz	5.86000 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	>= 100.000 kHz
VBW	200.000 kHz	>= 120.000 kHz
SweepPoints	600	~ 600
SweepTime	4.000 s	4.000 s
Reference Level	-5.000 dBm	-5.000 dBm
Attenuation	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

Frequency Error (5845 MHz; 30.000 dBm; 10 MHz)

Result

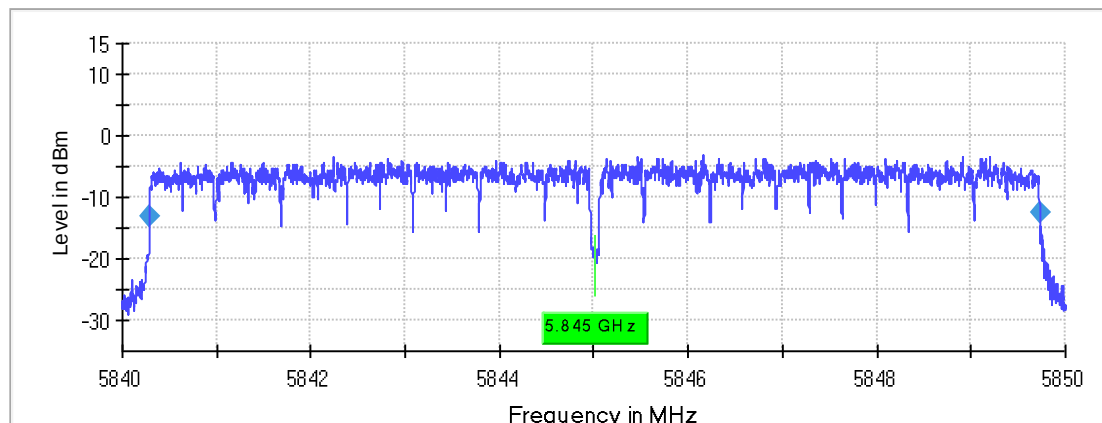
DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
5845.000000	5845.006000	1.026	5.999500	---	---	PASS

Frequency stability Pre



Center frequency Max Hold

Frequency stability



Edge points Max Hold Center frequency

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.84000 GHz	5.84000 GHz
Stop Frequency	5.85000 GHz	5.85000 GHz
Span	10.000 MHz	10.000 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	10001	~ 10001
Sweptime	568.782 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	50	50
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace

Stablevalue	1.00 dB	1.00 dB
Run	11 / max. 150	max. 150
Stable	1 / 1	1
Max Stable Difference	0.98 dB	1.00 dB

Tx Spurious Emission (5845 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Result
5845.000000	PASS

Final measurements

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

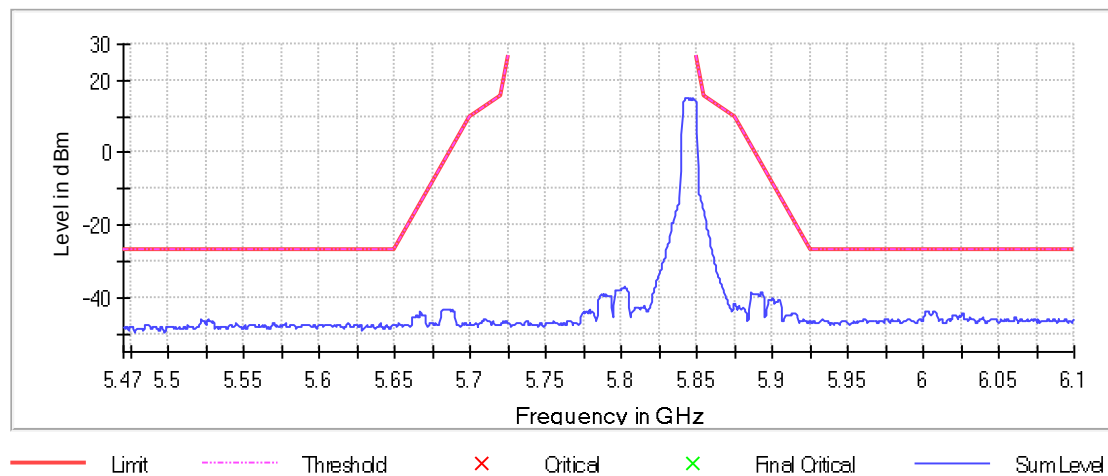
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
6002.750000	-43.7	16.7	-27.0
6003.250000	-43.7	16.7	-27.0
6006.750000	-43.9	16.9	-27.0
6002.250000	-44.0	17.0	-27.0
6006.250000	-44.0	17.0	-27.0
6008.250000	-44.0	17.0	-27.0
6003.750000	-44.1	17.1	-27.0
6007.750000	-44.1	17.1	-27.0
6007.250000	-44.1	17.1	-27.0
6001.750000	-44.1	17.1	-27.0
6001.250000	-44.1	17.1	-27.0
6008.750000	-44.3	17.3	-27.0
6005.750000	-44.4	17.4	-27.0
6004.250000	-44.4	17.4	-27.0
6026.250000	-44.5	17.5	-27.0

Measurement Settings

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

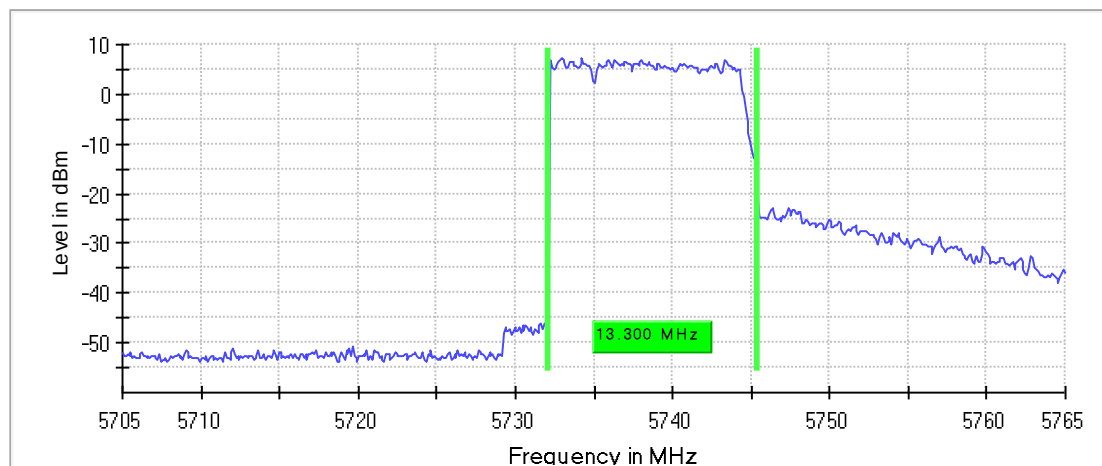
Emission Bandwidth 26 dB (5735 MHz; 30.000 dBm; 20 MHz)

26 dB Bandwidth

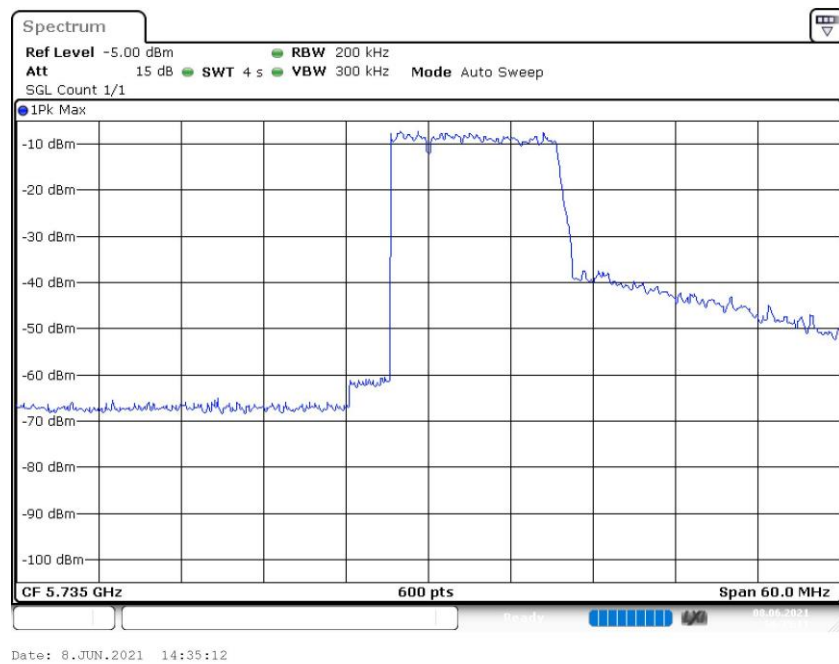
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5735.000000	13.300000	---	---	5732.150000	5745.450000

DUT Frequency (MHz)	Max Level (dBm)	Result
5735.000000	7.2	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.70500 GHz	5.70500 GHz
Stop Frequency	5.76500 GHz	5.76500 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 (5735 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5735.000000	22.5	30.0	25.5	99.380	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 (5735 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5735.000000	5730.841584	4.718	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.74500 GHz	5.74500 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

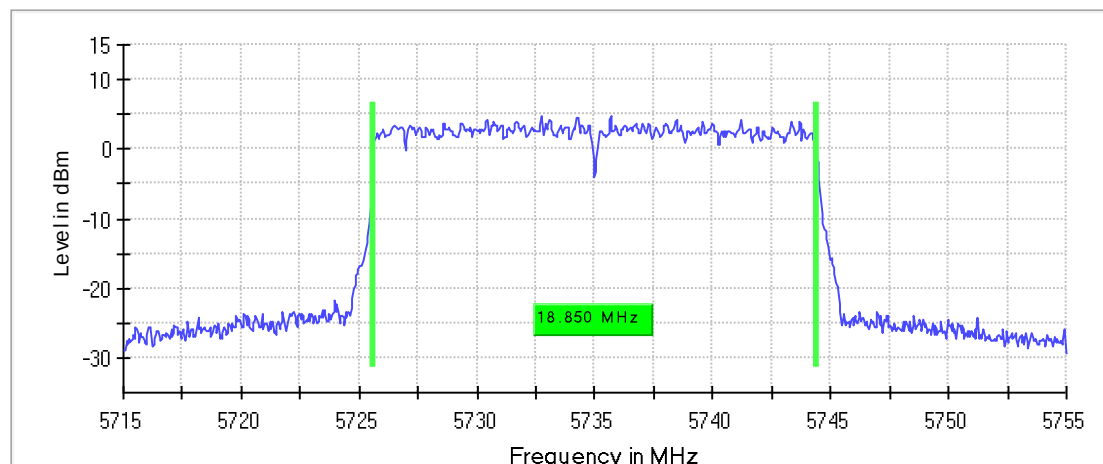
Minimum Emission Bandwidth 6 dB (5735 MHz; 30.000 dBm; 20 MHz)

6 dB Bandwidth

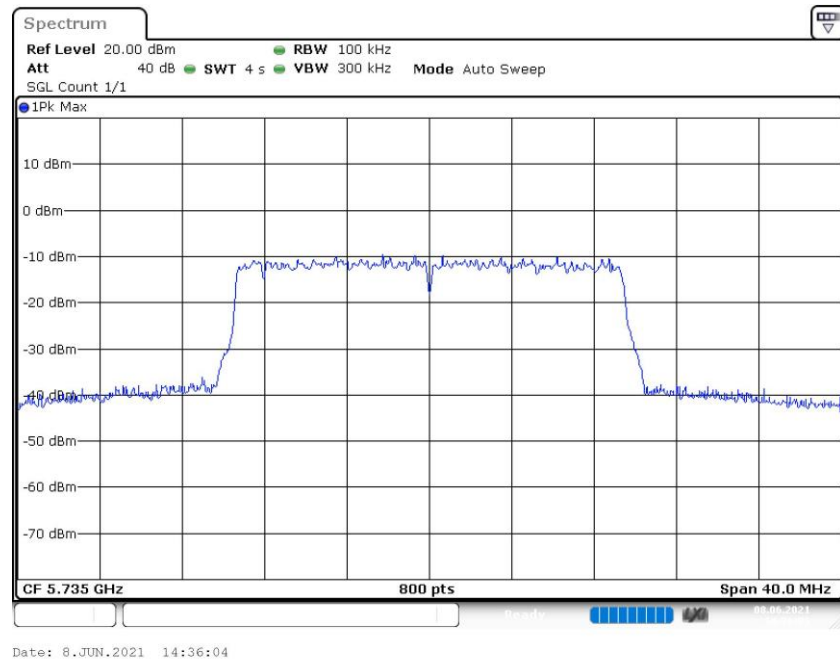
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5735.000000	18.850000	0.500000	---	5725.575000	5744.425000

DUT Frequency (MHz)	Max Level (dBm)	Result
5735.000000	4.8	PASS

6 dB Bandwidth



Bandwidth



Measurement

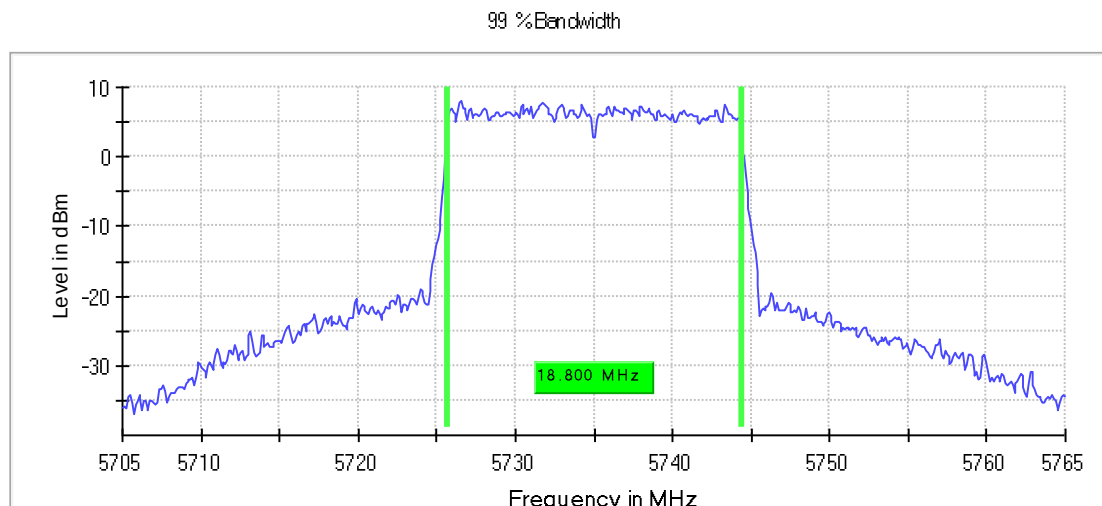
Setting	Instrument Value	Target Value
Start Frequency	5.71500 GHz	5.71500 GHz
Stop Frequency	5.75500 GHz	5.75500 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweptime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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% (5735 MHz; 30.000 dBm; 20 MHz)

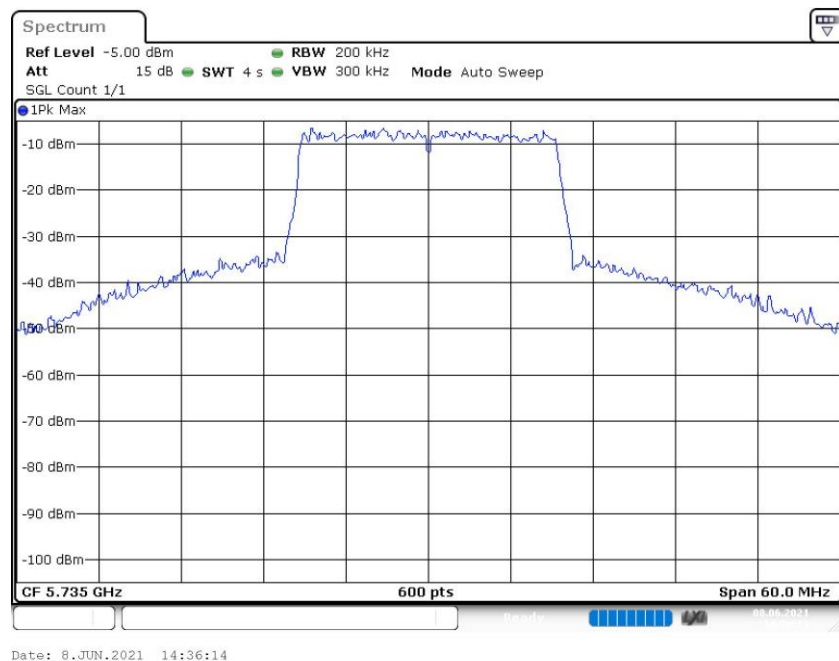
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5735.000000	18.800000	---	---	5725.650000	5744.450000

DUT Frequency (MHz)	Result
5735.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.70500 GHz	5.70500 GHz
Stop Frequency	5.76500 GHz	5.76500 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 (5735 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5735.000000	PASS

Final measurements

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

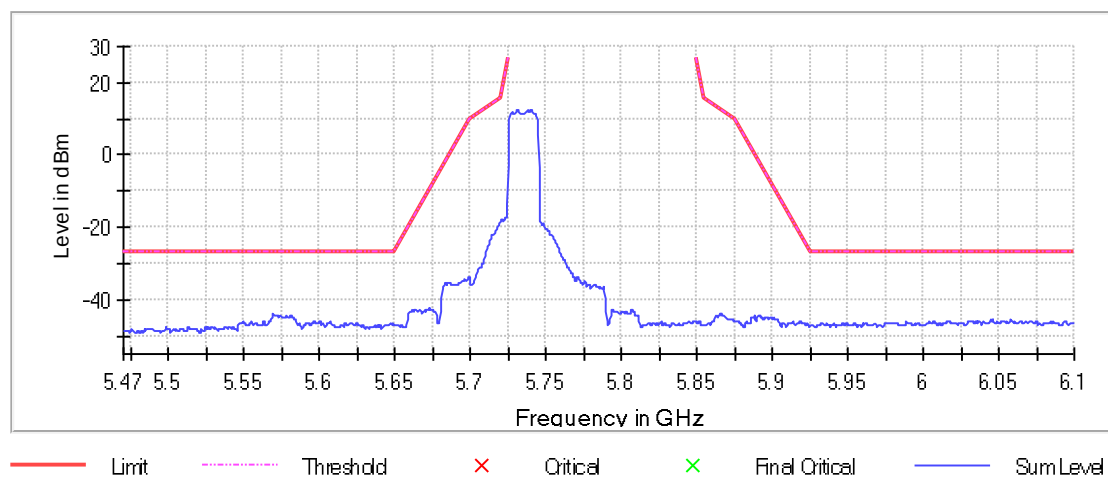
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5569.250000	-44.0	17.0	-27.0
5569.750000	-44.1	17.1	-27.0
5568.750000	-44.3	17.3	-27.0
5580.750000	-44.4	17.4	-27.0
5572.250000	-44.4	17.4	-27.0
5571.750000	-44.5	17.5	-27.0
5580.250000	-44.5	17.5	-27.0
5570.250000	-44.5	17.5	-27.0
5578.250000	-44.6	17.6	-27.0
5574.250000	-44.6	17.6	-27.0
5571.250000	-44.6	17.6	-27.0
5570.750000	-44.6	17.6	-27.0
5573.750000	-44.6	17.6	-27.0
5581.250000	-44.6	17.6	-27.0
5572.750000	-44.6	17.6	-27.0

Measurement Settings

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

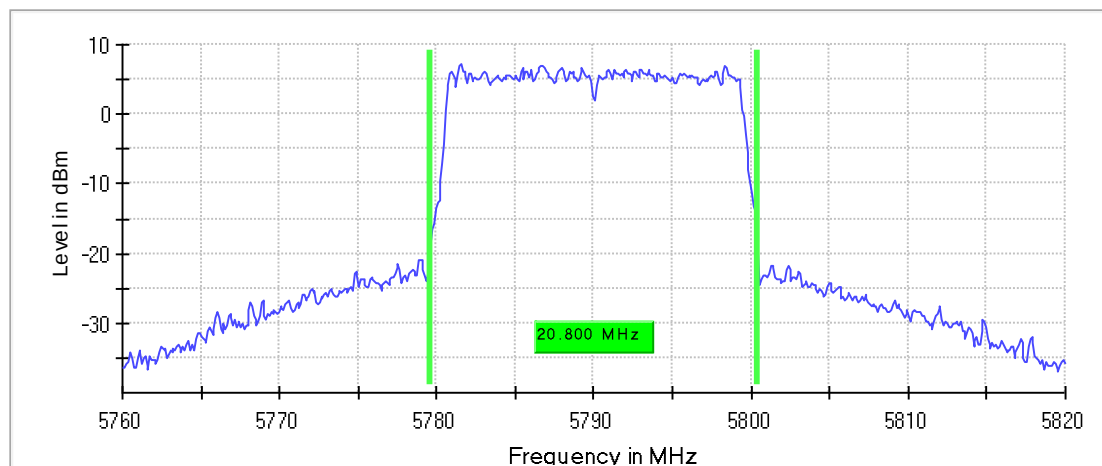
Emission Bandwidth 26 dB (5790 MHz; 30.000 dBm; 20 MHz)

26 dB Bandwidth

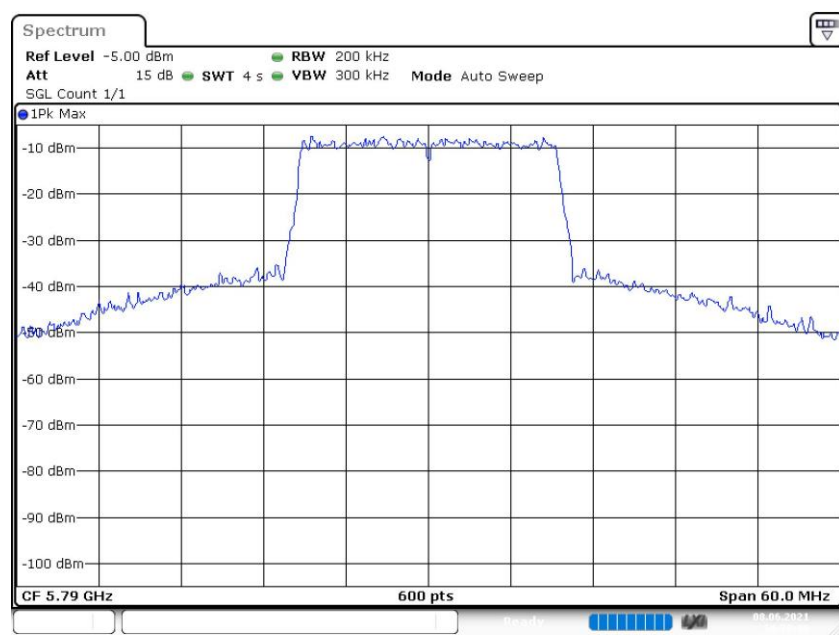
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	20.800000	---	---	5779.650000	5800.450000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	7.1	PASS

26 dB Bandwidth



Bandwidth



Date: 8.JUN.2021 14:38:50

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.76000 GHz	5.76000 GHz
Stop Frequency	5.82000 GHz	5.82000 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 (5790 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5790.000000	22.6	30.0	25.6	99.381	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 (5790 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5790.000000	5790.792079	5.280	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.78000 GHz	5.78000 GHz
Stop Frequency	5.80000 GHz	5.80000 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

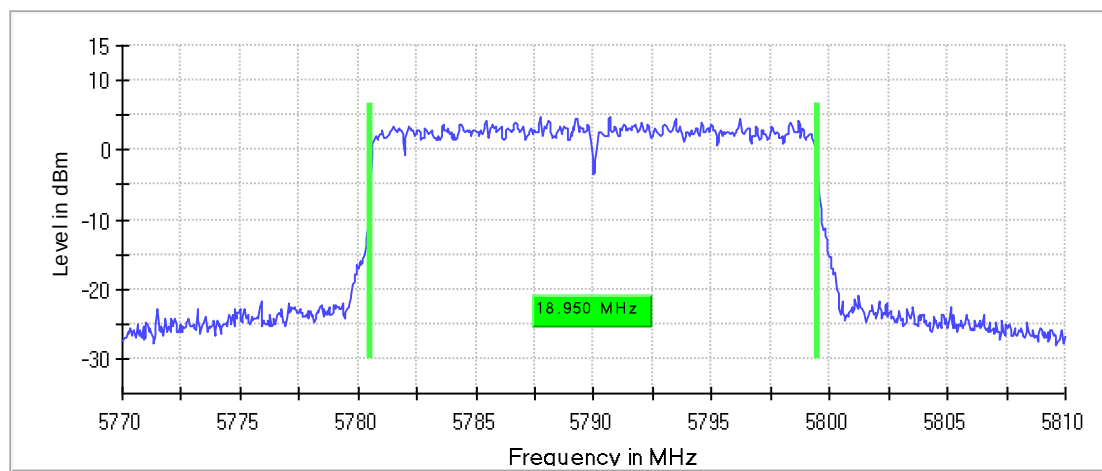
Minimum Emission Bandwidth 6 dB (5790 MHz; 30.000 dBm; 20 MHz)

6 dB Bandwidth

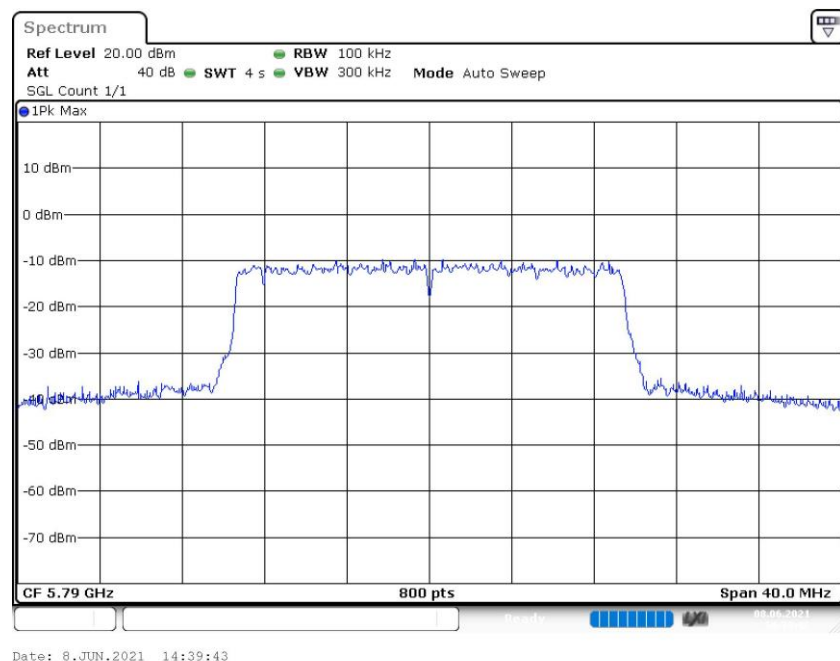
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	18.950000	0.500000	---	5780.525000	5799.475000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	4.7	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.77000 GHz	5.77000 GHz
Stop Frequency	5.81000 GHz	5.81000 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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

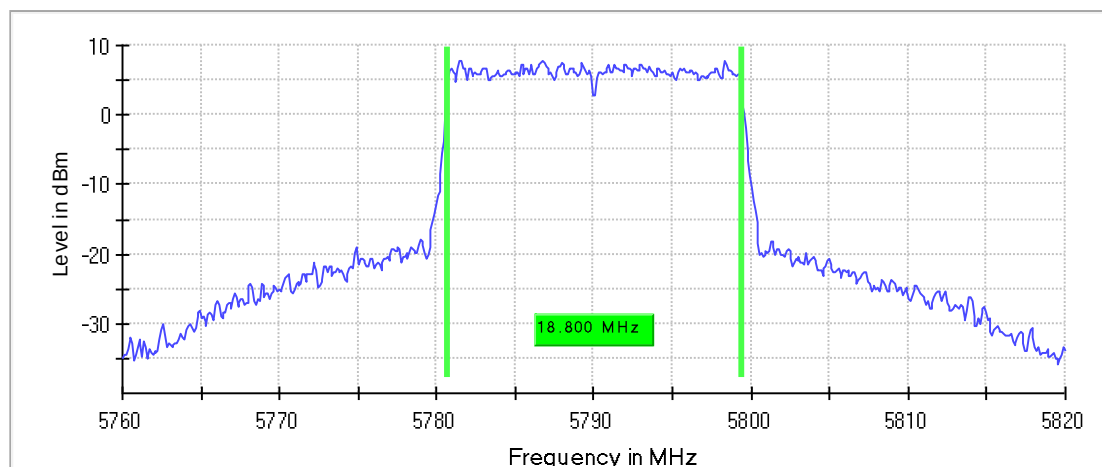
Occupied Channel Bandwidth 99% (5790 MHz; 30.000 dBm; 20 MHz)

99 % Bandwidth

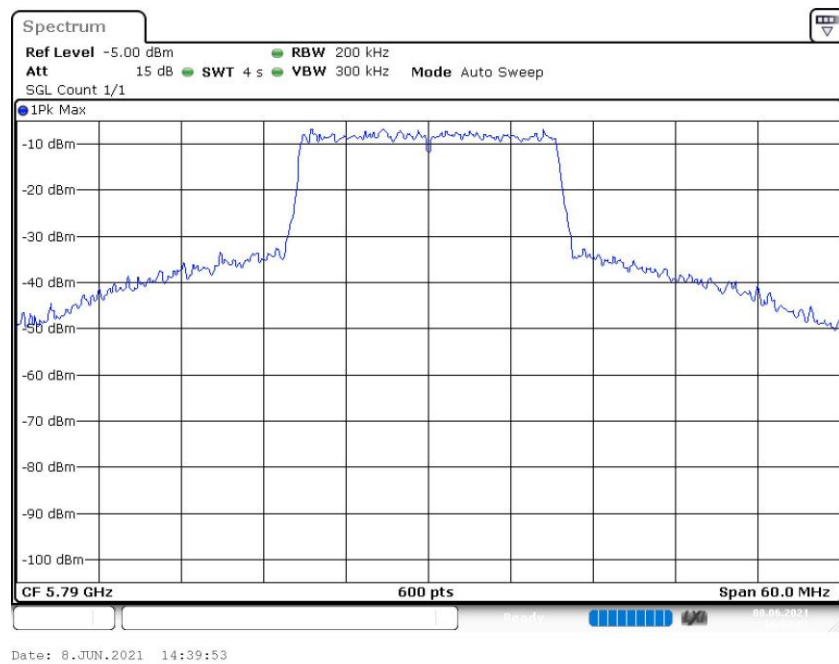
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	18.800000	---	---	5780.650000	5799.450000

DUT Frequency (MHz)	Result
5790.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.76000 GHz	5.76000 GHz
Stop Frequency	5.82000 GHz	5.82000 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 (5790 MHz; 30.000 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
---	---	---	---	---	---

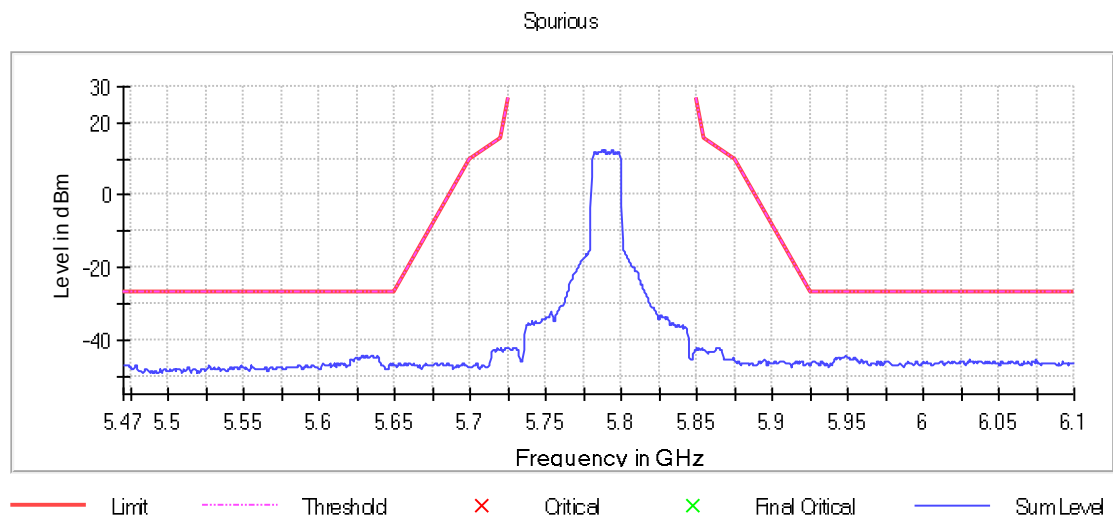
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5631.250000	-44.4	17.4	-27.0
5634.750000	-44.4	17.4	-27.0
5634.250000	-44.4	17.4	-27.0
5630.750000	-44.4	17.4	-27.0
5627.750000	-44.4	17.4	-27.0

5628.250000	-44.4	17.4	-27.0
5633.750000	-44.5	17.5	-27.0
5948.250000	-44.5	17.5	-27.0
5628.750000	-44.6	17.6	-27.0
5948.750000	-44.6	17.6	-27.0
5638.250000	-44.6	17.6	-27.0
5635.250000	-44.6	17.6	-27.0
5631.750000	-44.6	17.6	-27.0
5627.250000	-44.7	17.7	-27.0
5947.750000	-44.7	17.7	-27.0

Measurement Settings

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



Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	1260	~ 1260
Sweptime	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

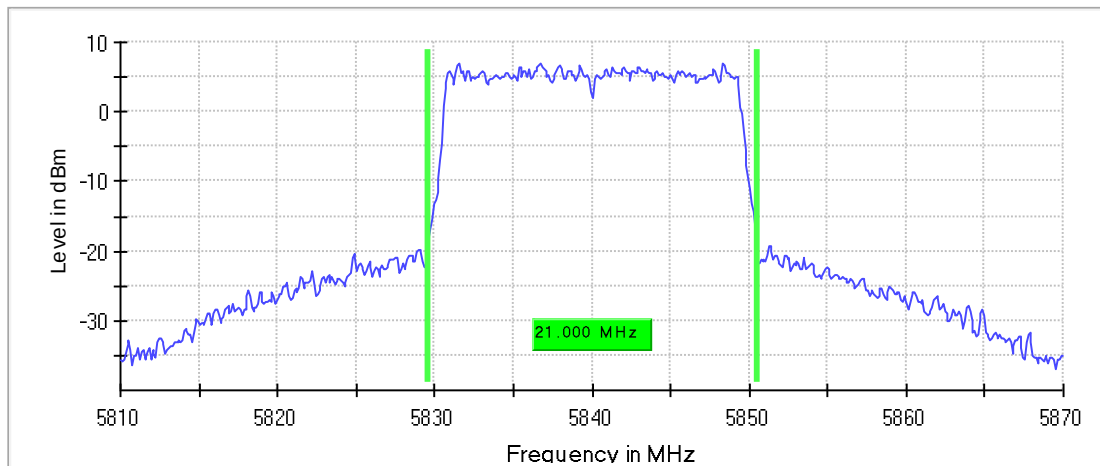
Emission Bandwidth 26 dB (5840 MHz; 30.000 dBm; 20 MHz)

26 dB Bandwidth

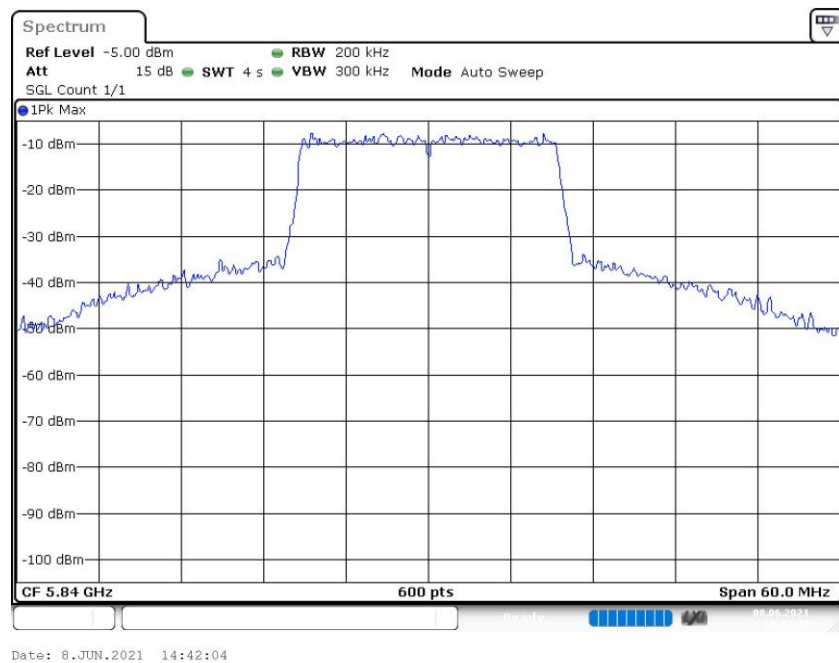
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5840.000000	21.000000	---	---	5829.550000	5850.550000

DUT Frequency (MHz)	Max Level (dBm)	Result
5840.000000	6.9	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.81000 GHz	5.81000 GHz
Stop Frequency	5.87000 GHz	5.87000 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 (5840 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5840.000000	22.7	30.0	25.7	99.381	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 (5840 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5840.000000	5840.792079	4.548	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.83000 GHz	5.83000 GHz
Stop Frequency	5.85000 GHz	5.85000 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

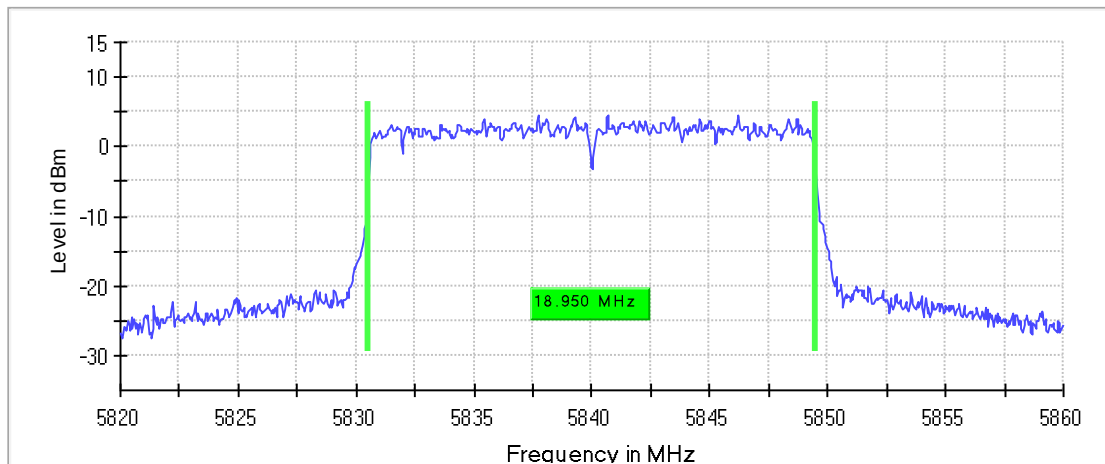
Minimum Emission Bandwidth 6 dB (5840 MHz; 30.000 dBm; 20 MHz)

6 dB Bandwidth

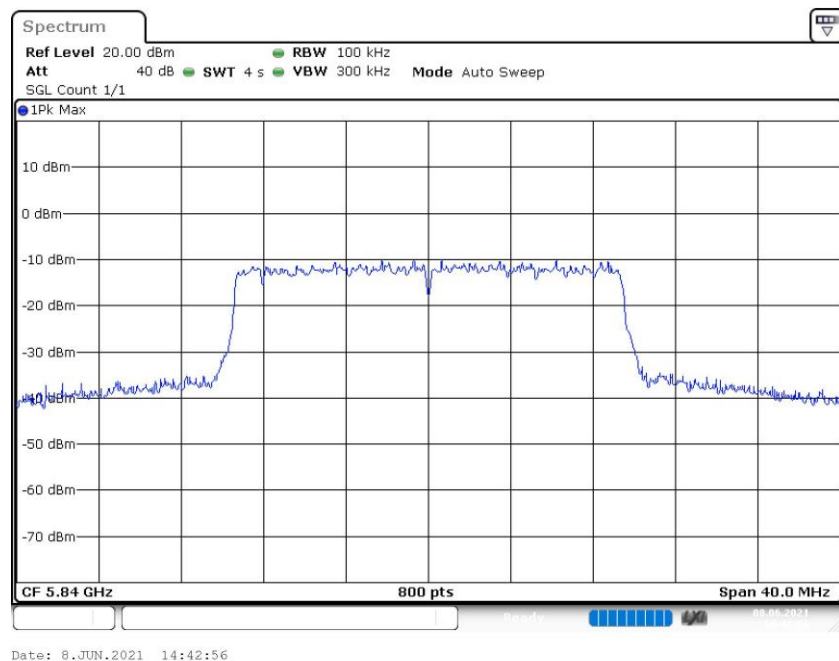
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5840.000000	18.950000	0.500000	---	5830.525000	5849.475000

DUT Frequency (MHz)	Max Level (dBm)	Result
5840.000000	4.5	PASS

6 dB Bandwidth



Bandwidth



Measurement

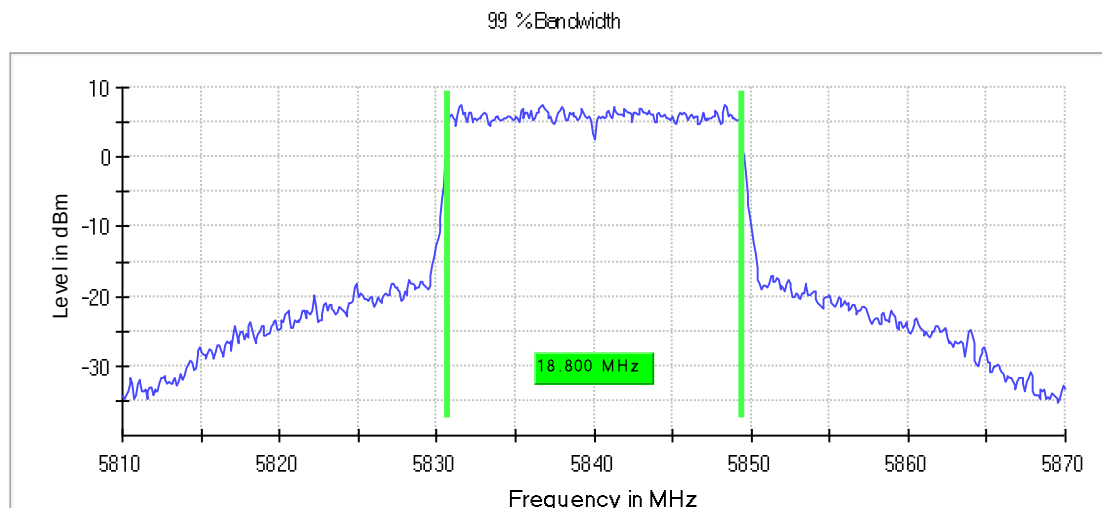
Setting	Instrument Value	Target Value
Start Frequency	5.82000 GHz	5.82000 GHz
Stop Frequency	5.86000 GHz	5.86000 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweptime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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% (5840 MHz; 30.000 dBm; 20 MHz)

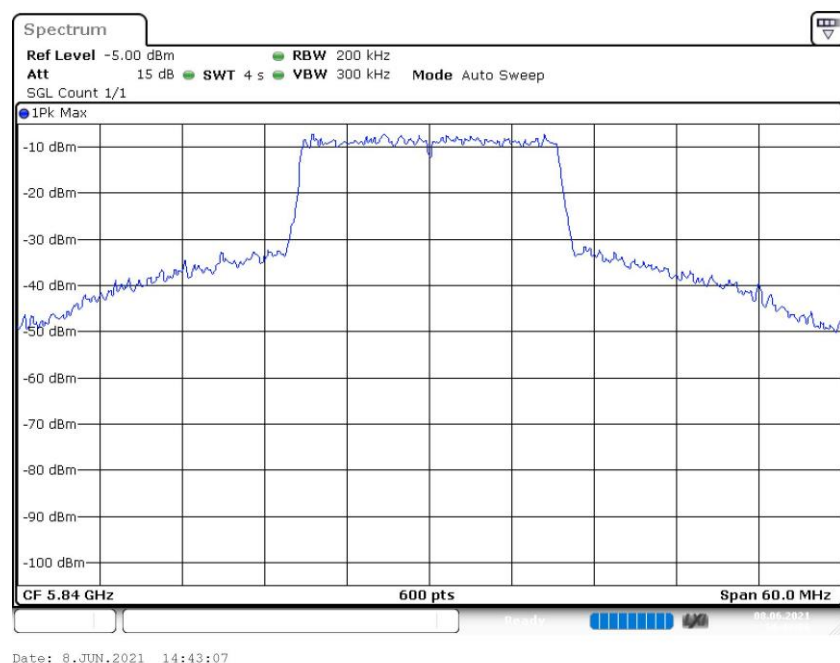
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5840.000000	18.800000	---	---	5830.650000	5849.450000

DUT Frequency (MHz)	Result
5840.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.81000 GHz	5.81000 GHz

Stop Frequency	5.87000 GHz	5.87000 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 (5840 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5840.000000	PASS

Final measurements

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

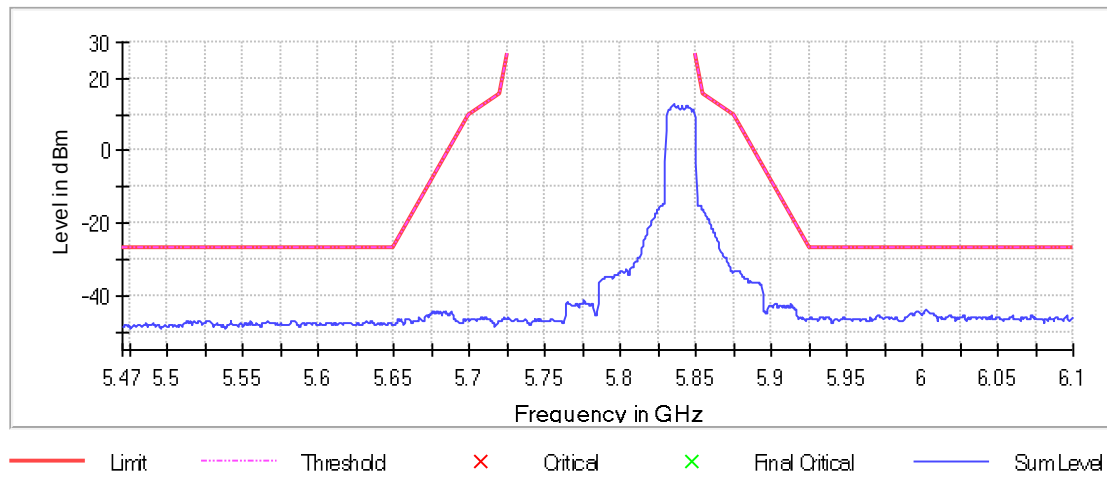
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
6002.750000	-44.0	17.0	-27.0
6002.250000	-44.1	17.1	-27.0
6003.250000	-44.2	17.2	-27.0
6003.750000	-44.3	17.3	-27.0
5996.250000	-44.4	17.4	-27.0
5997.250000	-44.4	17.4	-27.0
5995.750000	-44.5	17.5	-27.0
5996.750000	-44.5	17.5	-27.0
6001.250000	-44.6	17.6	-27.0
6004.250000	-44.6	17.6	-27.0
5997.750000	-44.6	17.6	-27.0
6001.750000	-44.6	17.6	-27.0
5992.750000	-44.7	17.7	-27.0
6000.750000	-44.7	17.7	-27.0
6006.250000	-44.7	17.7	-27.0

Measurement Settings

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

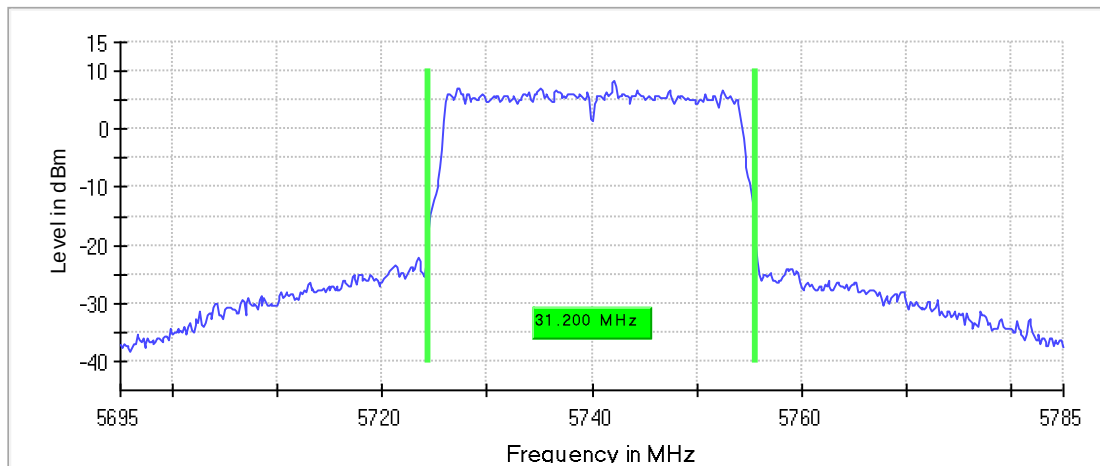
Emission Bandwidth 26 dB (5740 MHz; 30.000 dBm; 30 MHz)

26 dB Bandwidth

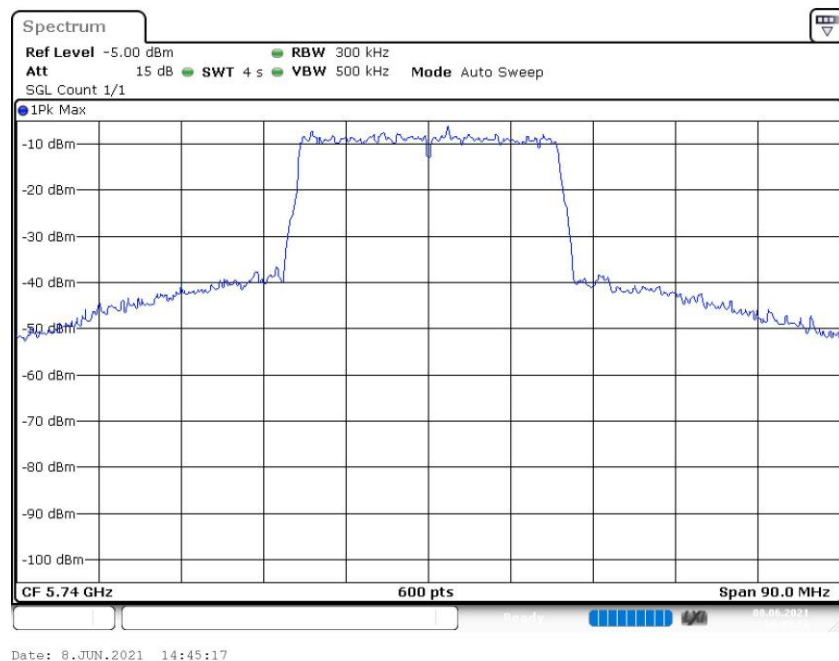
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	31.200000	---	---	5724.475000	5755.675000

DUT Frequency (MHz)	Max Level (dBm)	Result
5740.000000	8.3	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.69500 GHz	5.69500 GHz
Stop Frequency	5.78500 GHz	5.78500 GHz
Span	90.000 MHz	90.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	500.000 kHz	>= 360.000 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 (5740 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5740.000000	22.2	30.0	25.2	99.579	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 (5740 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5740.000000	5733.625000	3.188	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.75500 GHz	5.75500 GHz
Span	30.000 MHz	30.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	120	~ 120
SweepTime	2.400 ms	2.400 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

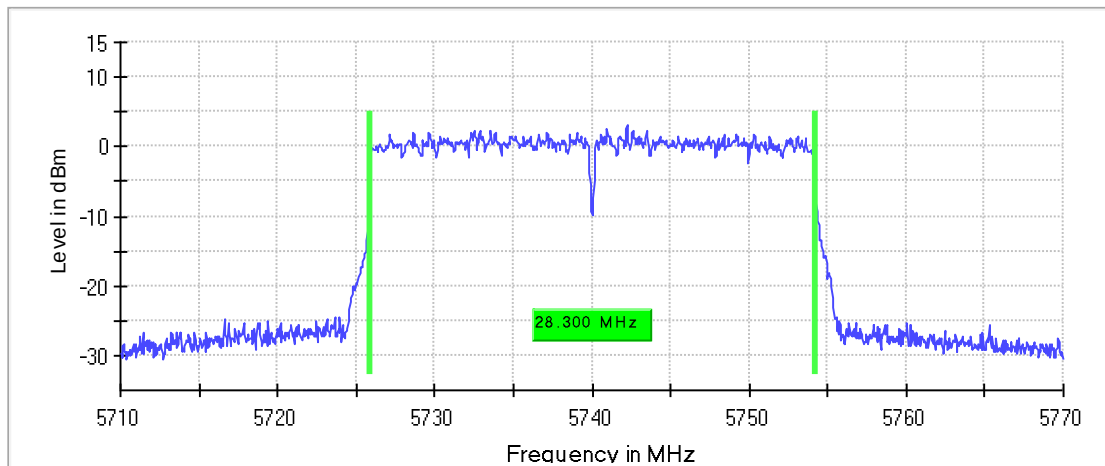
Minimum Emission Bandwidth 6 dB (5740 MHz; 30.000 dBm; 30 MHz)

6 dB Bandwidth

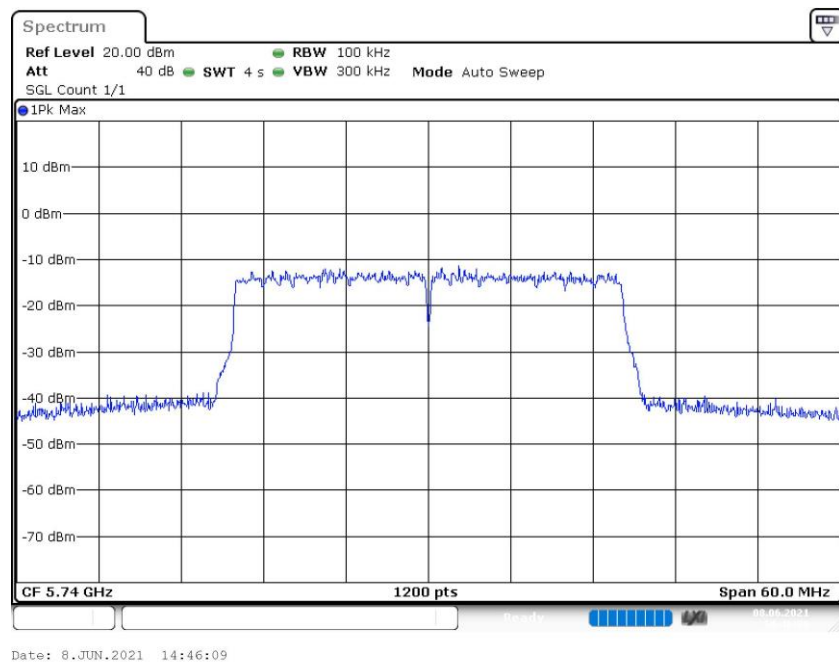
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	28.300000	0.500000	---	5725.875000	5754.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5740.000000	3.0	PASS

6 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	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1200	~ 1200
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

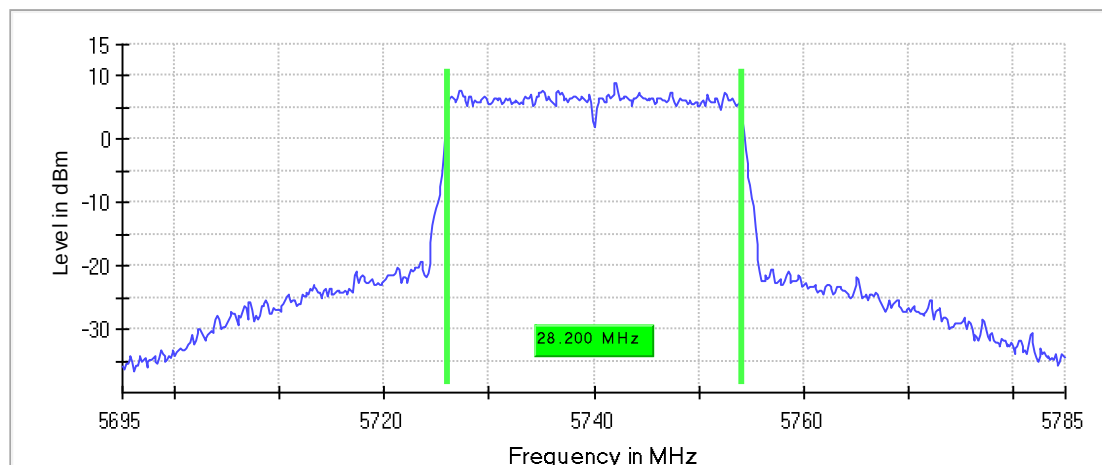
Occupied Channel Bandwidth 99% (5740 MHz; 30.000 dBm; 30 MHz)

99 % Bandwidth

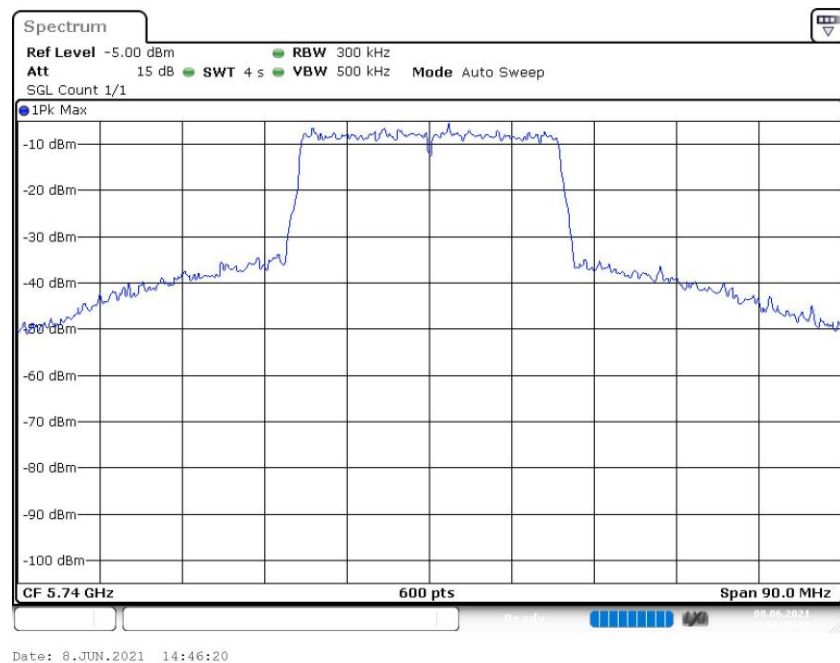
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	28.200000	---	---	5725.975000	5754.175000

DUT Frequency (MHz)	Result
5740.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.69500 GHz	5.69500 GHz
Stop Frequency	5.78500 GHz	5.78500 GHz

Span	90.000 MHz	90.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	500.000 kHz	>= 360.000 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 (5740 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Result
5740.000000	PASS

Final measurements

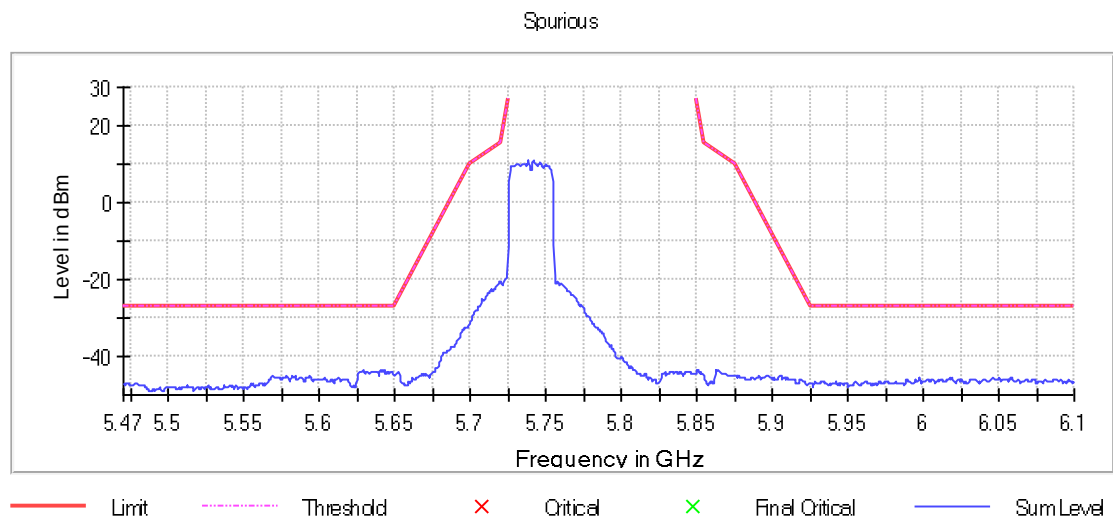
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5640.250000	-43.6	16.6	-27.0
5640.750000	-43.6	16.6	-27.0
5642.750000	-43.7	16.7	-27.0
5641.750000	-43.7	16.7	-27.0
5628.750000	-43.7	16.7	-27.0
5642.250000	-43.8	16.8	-27.0
5643.250000	-43.8	16.8	-27.0
5628.250000	-43.8	16.8	-27.0
5641.250000	-43.8	16.8	-27.0
5645.250000	-43.9	16.9	-27.0
5637.750000	-43.9	16.9	-27.0
5629.250000	-43.9	16.9	-27.0
5635.750000	-43.9	16.9	-27.0
5634.250000	-43.9	16.9	-27.0
5638.250000	-43.9	16.9	-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

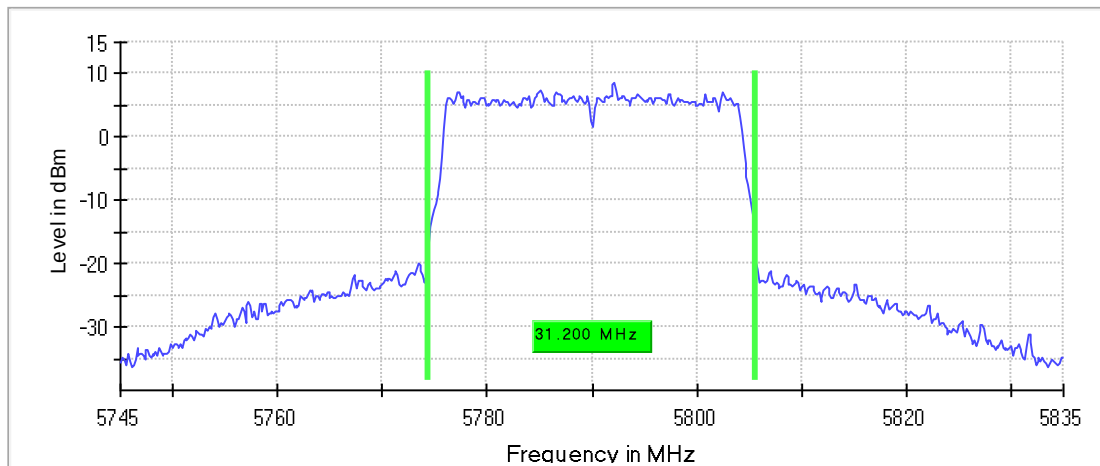
Emission Bandwidth 26 dB (5790 MHz; 30.000 dBm; 30 MHz)

26 dB Bandwidth

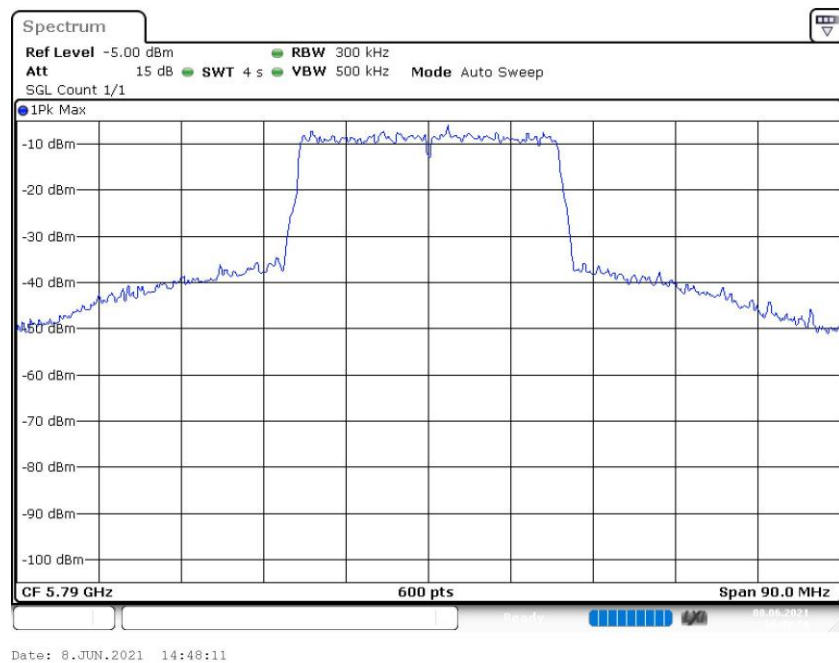
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	31.200000	---	---	5774.475000	5805.675000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	8.6	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.74500 GHz	5.74500 GHz
Stop Frequency	5.83500 GHz	5.83500 GHz
Span	90.000 MHz	90.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	500.000 kHz	>= 360.000 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 (5790 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5790.000000	22.5	30.0	25.5	99.553	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 (5790 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5790.000000	5792.125000	3.089	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.77500 GHz	5.77500 GHz
Stop Frequency	5.80500 GHz	5.80500 GHz
Span	30.000 MHz	30.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	120	~ 120
SweepTime	2.400 ms	2.400 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

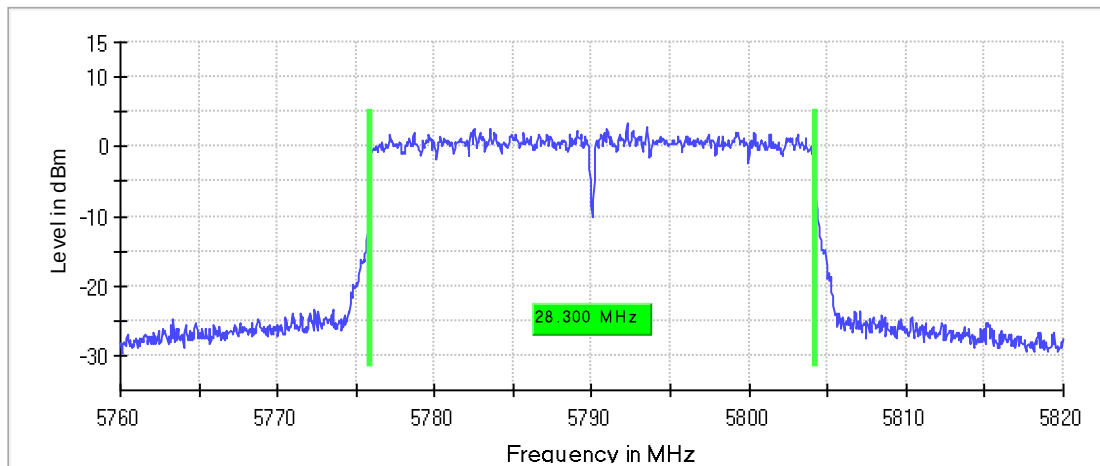
Minimum Emission Bandwidth 6 dB (5790 MHz; 30.000 dBm; 30 MHz)

6 dB Bandwidth

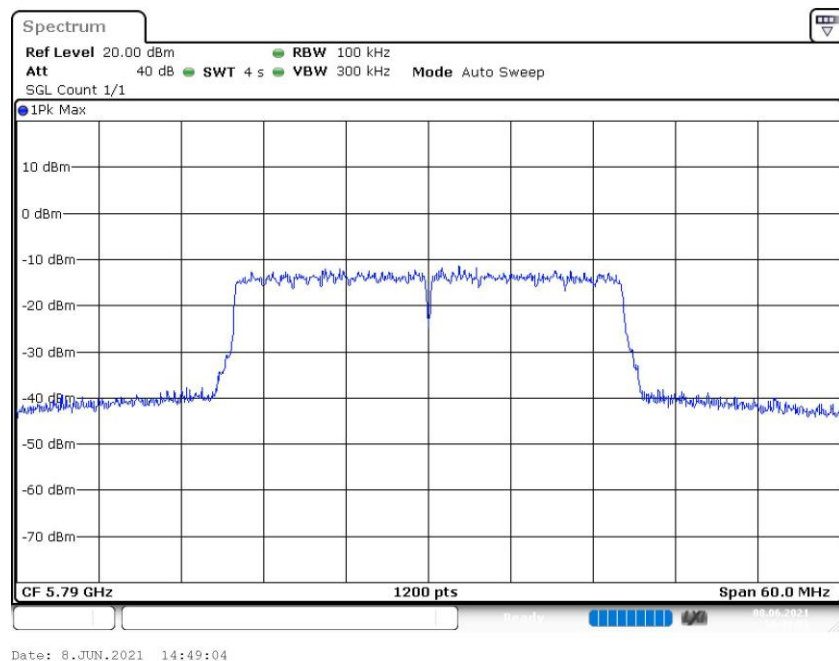
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	28.300000	0.500000	---	5775.875000	5804.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	3.3	PASS

6 dB Bandwidth



Bandwidth



Measurement

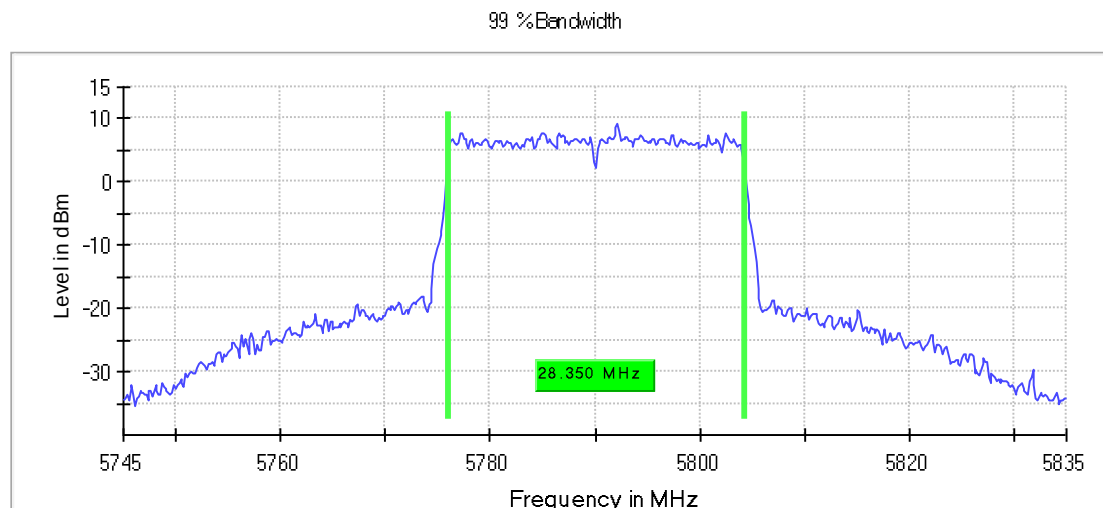
Setting	Instrument Value	Target Value
Start Frequency	5.76000 GHz	5.76000 GHz
Stop Frequency	5.82000 GHz	5.82000 GHz
Span	60.000 MHz	60.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1200	~ 1200
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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% (5790 MHz; 30.000 dBm; 30 MHz)

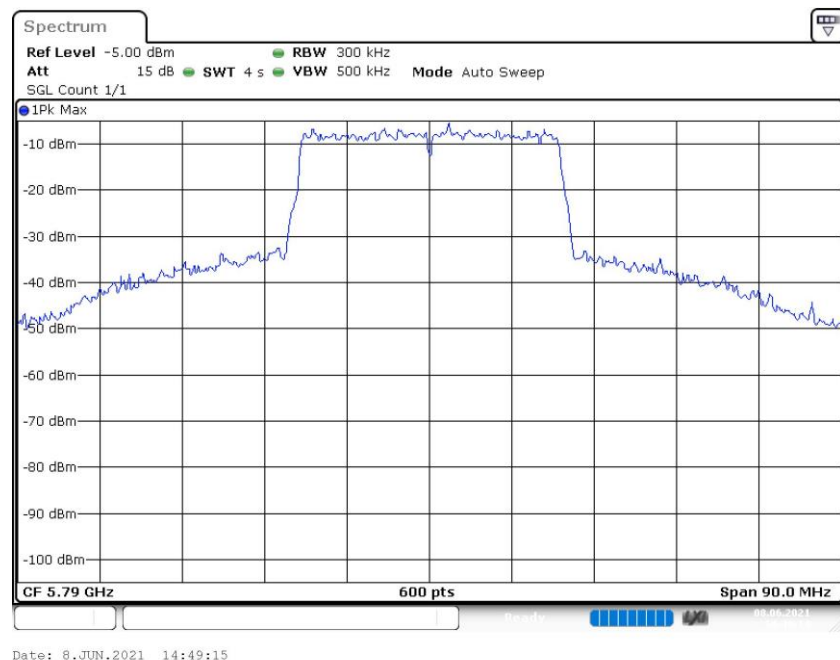
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	28.350000	---	---	5775.975000	5804.325000

DUT Frequency (MHz)	Result
5790.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.74500 GHz	5.74500 GHz
Stop Frequency	5.83500 GHz	5.83500 GHz
Span	90.000 MHz	90.000 MHz

RBW	300.000 kHz	>= 300.000 kHz
VBW	500.000 kHz	>= 360.000 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 (5790 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Result
5790.000000	PASS

Final measurements

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

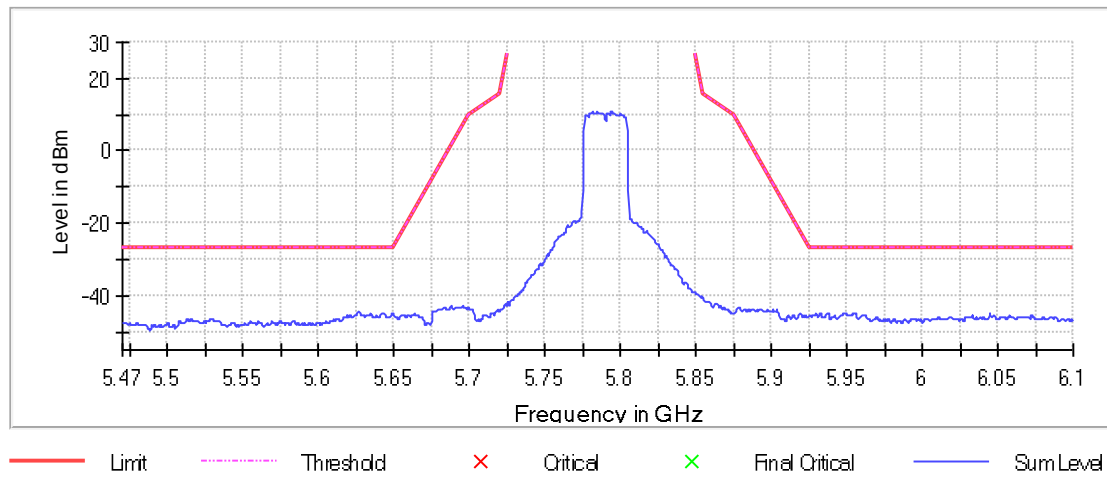
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5626.750000	-44.5	17.5	-27.0
5626.250000	-44.5	17.5	-27.0
5643.250000	-44.7	17.7	-27.0
5642.250000	-44.8	17.8	-27.0
5643.750000	-44.8	17.8	-27.0
5634.750000	-44.8	17.8	-27.0
5642.750000	-44.8	17.8	-27.0
5641.750000	-44.8	17.8	-27.0
5625.750000	-44.8	17.8	-27.0
5627.250000	-44.8	17.8	-27.0
5932.750000	-44.9	17.9	-27.0
5937.250000	-44.9	17.9	-27.0
5936.750000	-44.9	17.9	-27.0
5955.250000	-45.0	18.0	-27.0
5948.750000	-45.0	18.0	-27.0

Measurement Settings

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

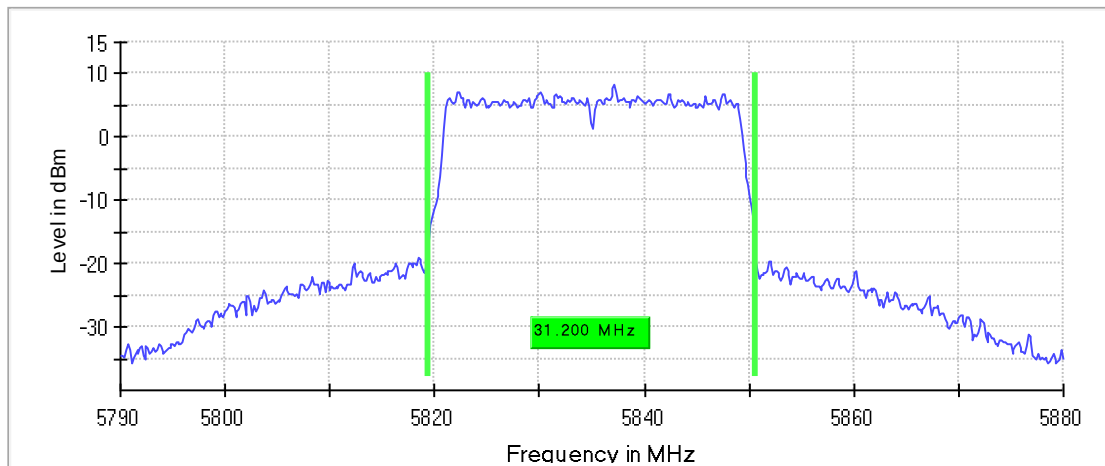
Emission Bandwidth 26 dB (5835 MHz; 30.000 dBm; 30 MHz)

26 dB Bandwidth

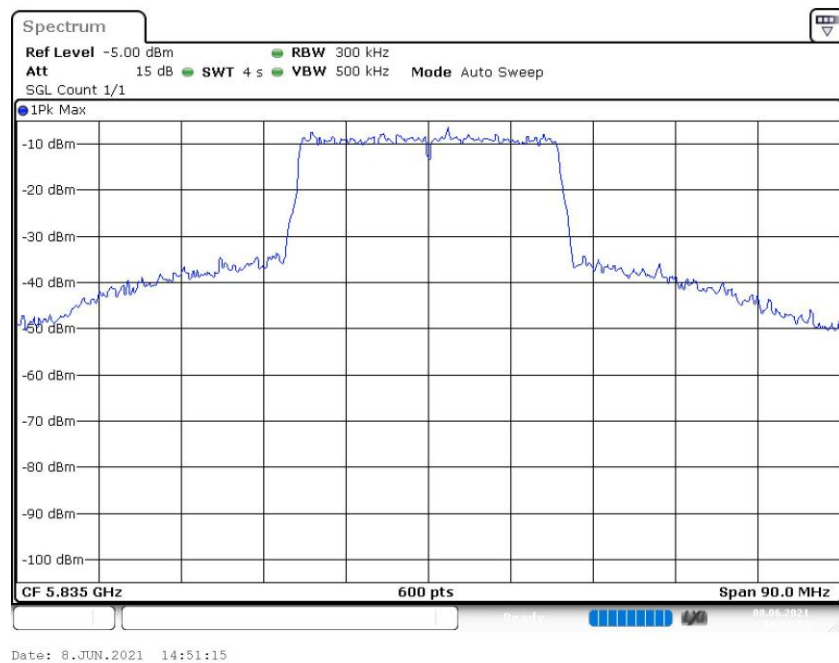
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	31.200000	---	---	5819.325000	5850.525000

DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	8.3	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.79000 GHz	5.79000 GHz
Stop Frequency	5.88000 GHz	5.88000 GHz
Span	90.000 MHz	90.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	500.000 kHz	>= 360.000 kHz
SweepPoints	600	~ 600
Sweptime	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 (5835 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5835.000000	22.6	30.0	25.6	99.560	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 (5835 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5835.000000	5837.125000	2.719	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.82000 GHz	5.82000 GHz
Stop Frequency	5.85000 GHz	5.85000 GHz
Span	30.000 MHz	30.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	120	~ 120
SweepTime	2.400 ms	2.400 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

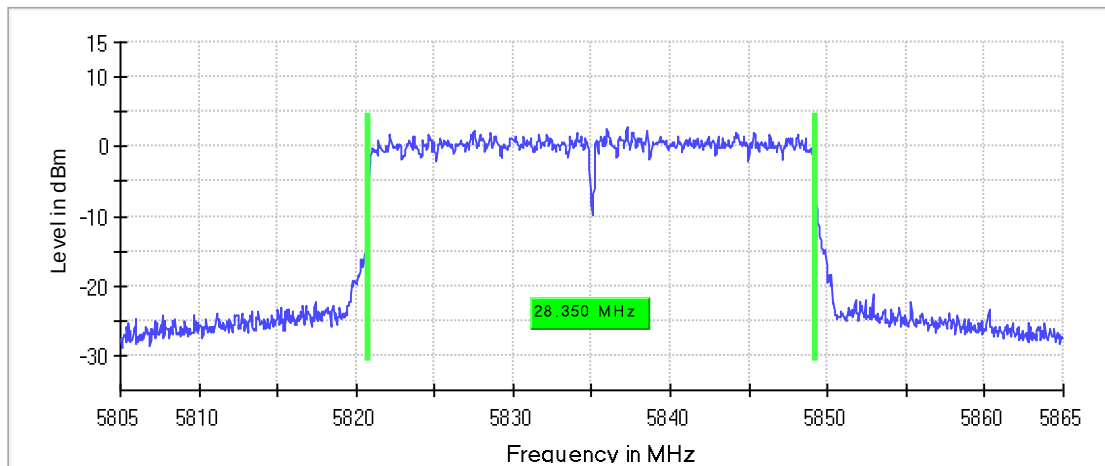
Minimum Emission Bandwidth 6 dB (5835 MHz; 30.000 dBm; 30 MHz)

6 dB Bandwidth

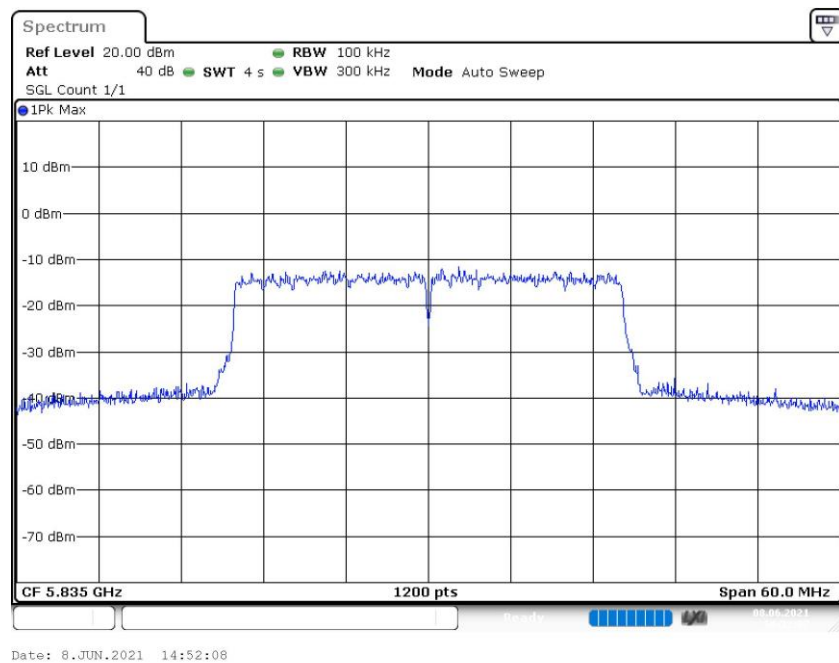
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	28.350000	0.500000	---	5820.825000	5849.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	2.9	PASS

6 dB Bandwidth



Bandwidth



Measurement

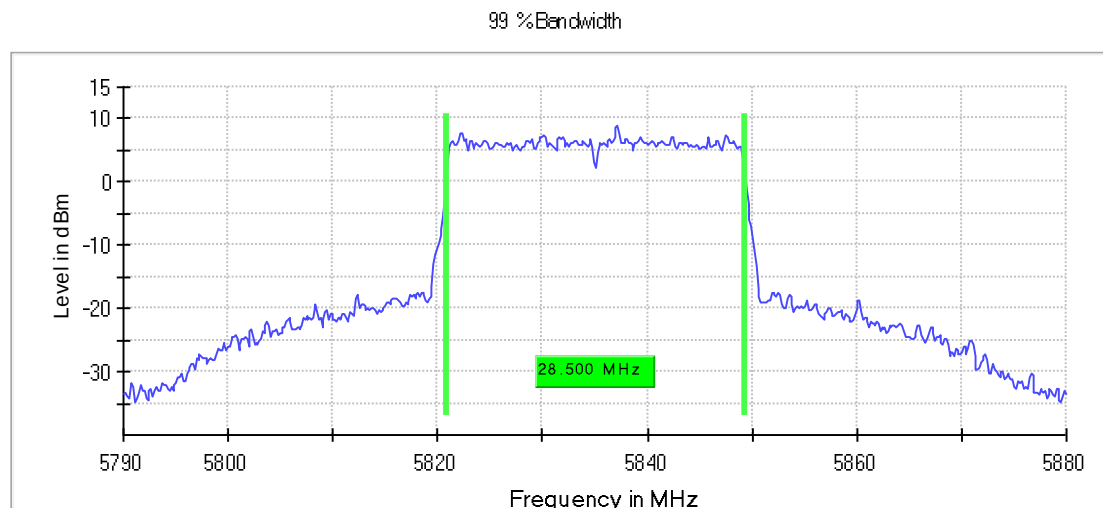
Setting	Instrument Value	Target Value
Start Frequency	5.80500 GHz	5.80500 GHz
Stop Frequency	5.86500 GHz	5.86500 GHz
Span	60.000 MHz	60.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1200	~ 1200
Sweeptime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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% (5835 MHz; 30.000 dBm; 30 MHz)

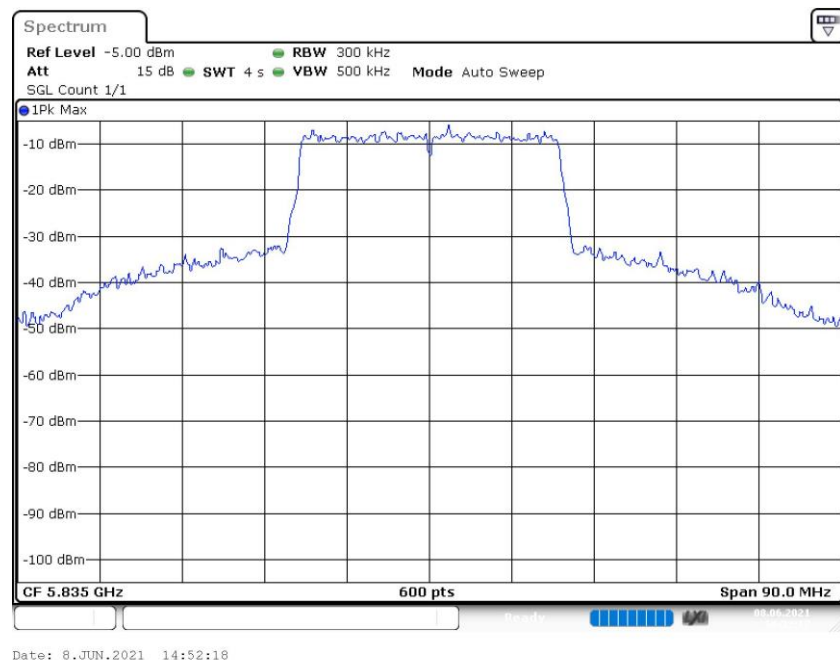
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	28.500000	---	---	5820.825000	5849.325000

DUT Frequency (MHz)	Result
5835.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.79000 GHz	5.79000 GHz
Stop Frequency	5.88000 GHz	5.88000 GHz
Span	90.000 MHz	90.000 MHz

RBW	300.000 kHz	>= 300.000 kHz
VBW	500.000 kHz	>= 360.000 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 (5835 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Result
5835.000000	PASS

Final measurements

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

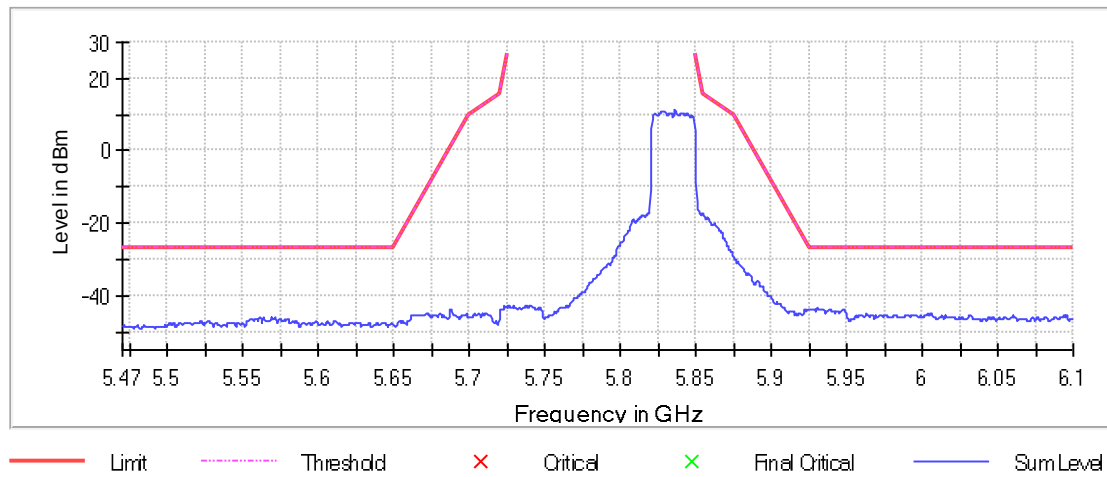
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5930.750000	-43.2	16.2	-27.0
5930.250000	-43.4	16.4	-27.0
5938.750000	-43.7	16.7	-27.0
5939.250000	-43.7	16.7	-27.0
5927.250000	-43.7	16.7	-27.0
5925.750000	-43.7	16.7	-27.0
5934.250000	-43.7	16.7	-27.0
5939.750000	-43.8	16.8	-27.0
5938.250000	-43.8	16.8	-27.0
5933.750000	-43.8	16.8	-27.0
5947.750000	-43.8	16.8	-27.0
5947.250000	-43.8	16.8	-27.0
5931.250000	-43.8	16.8	-27.0
5925.250000	-43.9	16.9	-27.0
5934.750000	-43.9	16.9	-27.0

Measurement Settings

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

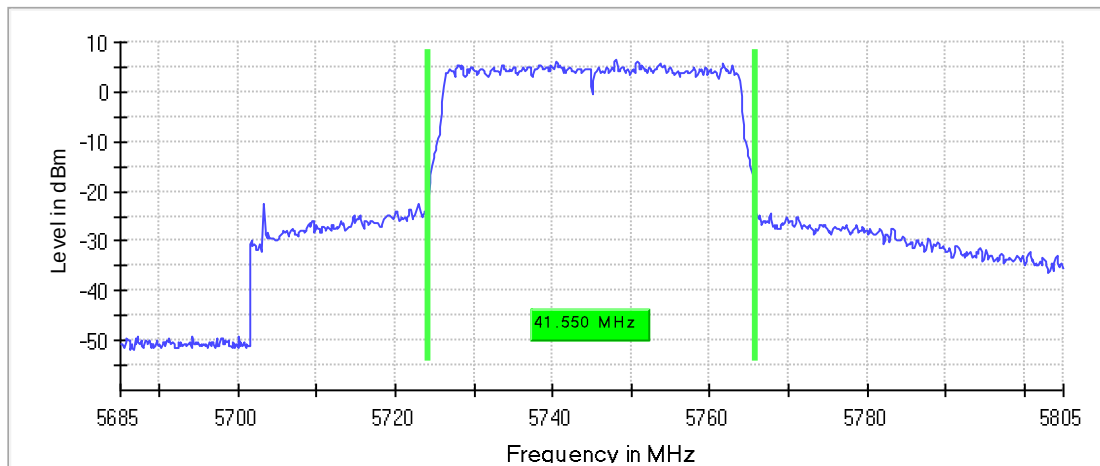
Emission Bandwidth 26 dB (5745 MHz; 30.000 dBm; 40 MHz)

26 dB Bandwidth

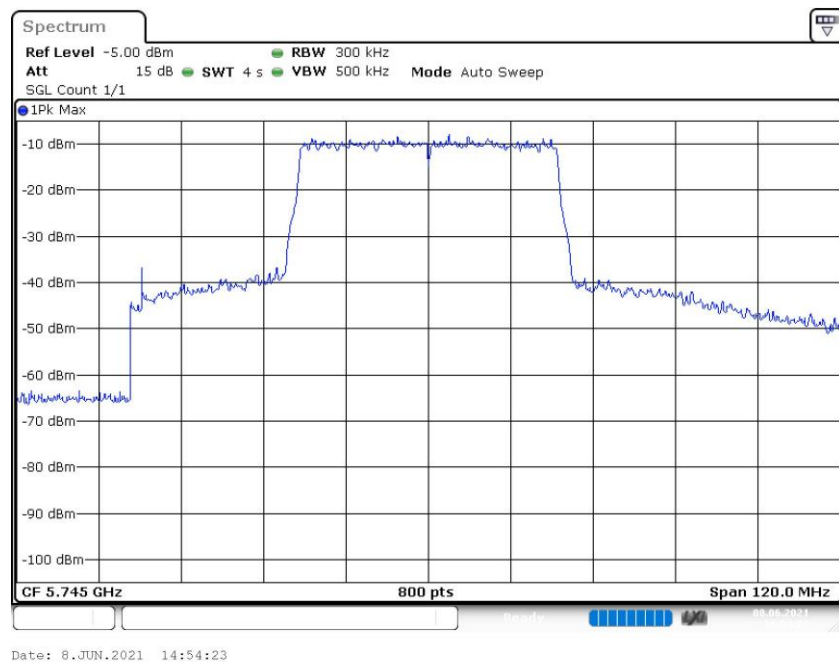
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	41.550000	---	---	5724.225000	5765.775000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	6.6	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.68500 GHz	5.68500 GHz
Stop Frequency	5.80500 GHz	5.80500 GHz
Span	120.000 MHz	120.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	500.000 kHz	>= 360.000 kHz
SweepPoints	800	~ 800
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; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5745.000000	22.3	30.0	25.3	99.454	PASS

OSP PowerMeter settings

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

Power Spectral Density (5745 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5745.000000	5743.625000	1.055	30.0	PASS

Ports

Port	State
1	used
2	used

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	500.000 kHz	$\leq$ 500.000 kHz
VBW	2.000 MHz	$\geq$ 1.500 MHz
SweepPoints	160	$\sim$ 160
SweepTime	3.200 ms	3.200 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	Sweep	AUTO
Preamp	off	off

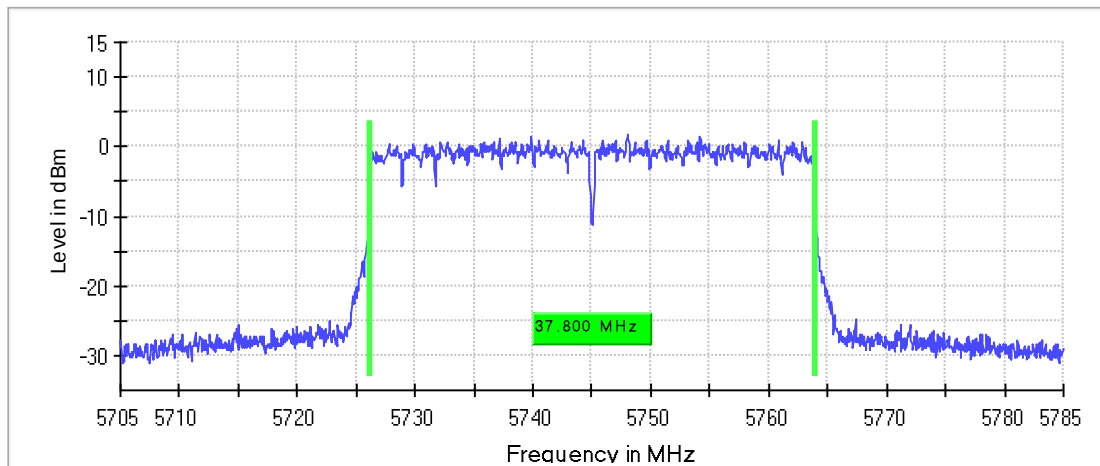
Minimum Emission Bandwidth 6 dB (5745 MHz; 30.000 dBm; 40 MHz)

6 dB Bandwidth

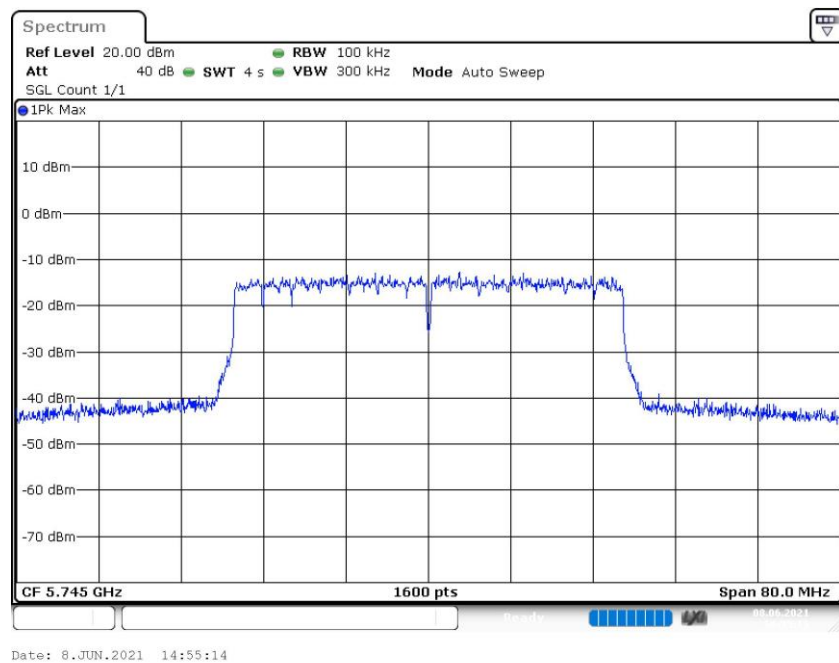
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	37.800000	0.500000	---	5726.125000	5763.925000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	1.7	PASS

6 dB Bandwidth



Bandwidth



Measurement

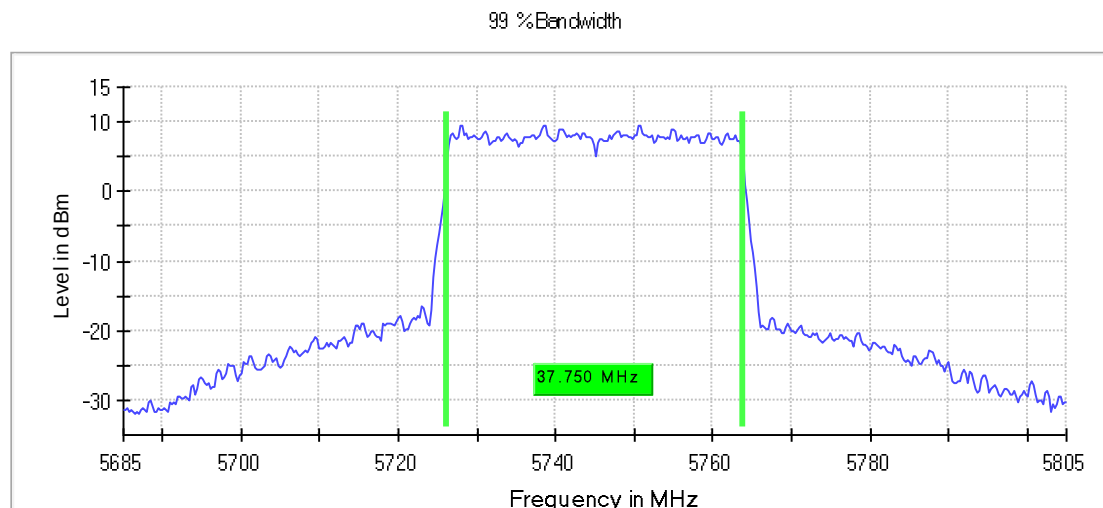
Setting	Instrument Value	Target Value
Start Frequency	5.70500 GHz	5.70500 GHz
Stop Frequency	5.78500 GHz	5.78500 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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; 30.000 dBm; 40 MHz)

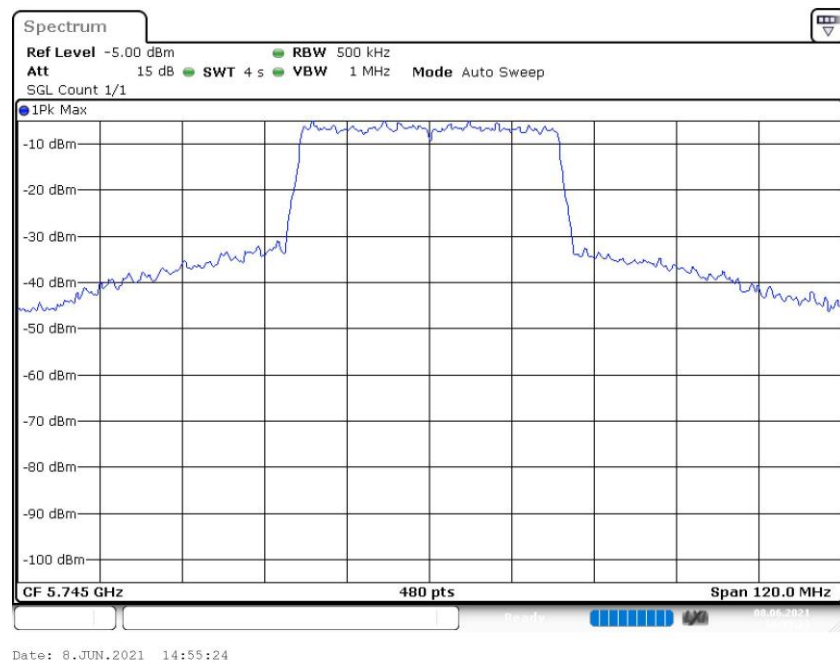
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	37.750000	---	---	5726.125000	5763.875000

DUT Frequency (MHz)	Result
5745.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.68500 GHz	5.68500 GHz
Stop Frequency	5.80500 GHz	5.80500 GHz
Span	120.000 MHz	120.000 MHz

RBW	500.000 kHz	>= 400.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	480	~ 480
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; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5745.000000	PASS

Final measurements

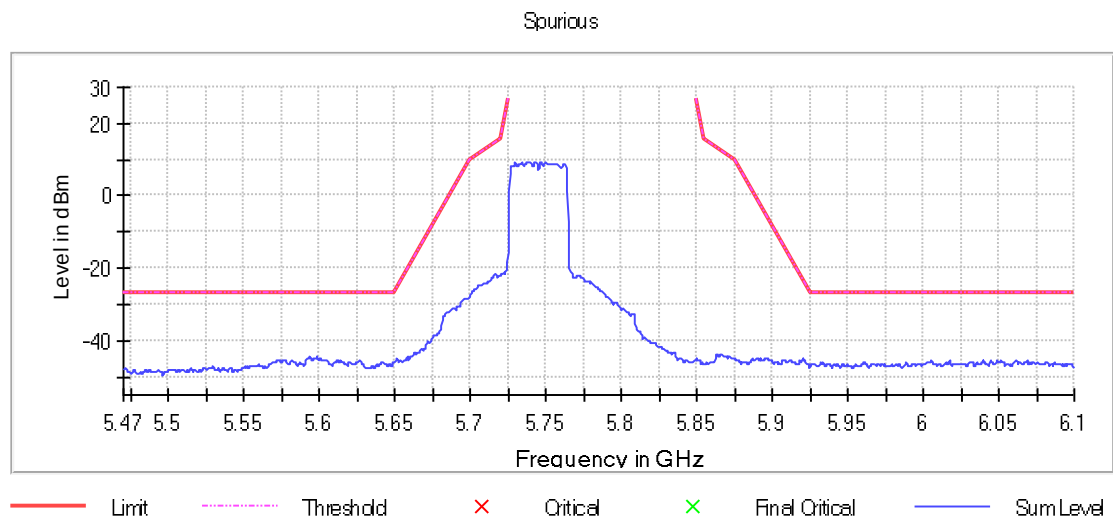
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5598.250000	-44.5	17.5	-27.0
5593.750000	-44.6	17.6	-27.0
5593.250000	-44.7	17.7	-27.0
5597.750000	-44.8	17.8	-27.0
5598.750000	-44.8	17.8	-27.0
5596.750000	-44.8	17.8	-27.0
5594.250000	-44.8	17.8	-27.0
5596.250000	-44.8	17.8	-27.0
5592.250000	-44.9	17.9	-27.0
5600.250000	-44.9	17.9	-27.0
5597.250000	-44.9	17.9	-27.0
5592.750000	-45.0	18.0	-27.0
5591.750000	-45.0	18.0	-27.0
5599.750000	-45.1	18.1	-27.0
5600.750000	-45.1	18.1	-27.0

Measurement Settings

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



Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	1.000 MHz	≤ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	1260	~ 1260
Sweeptime	85.781 μ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	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

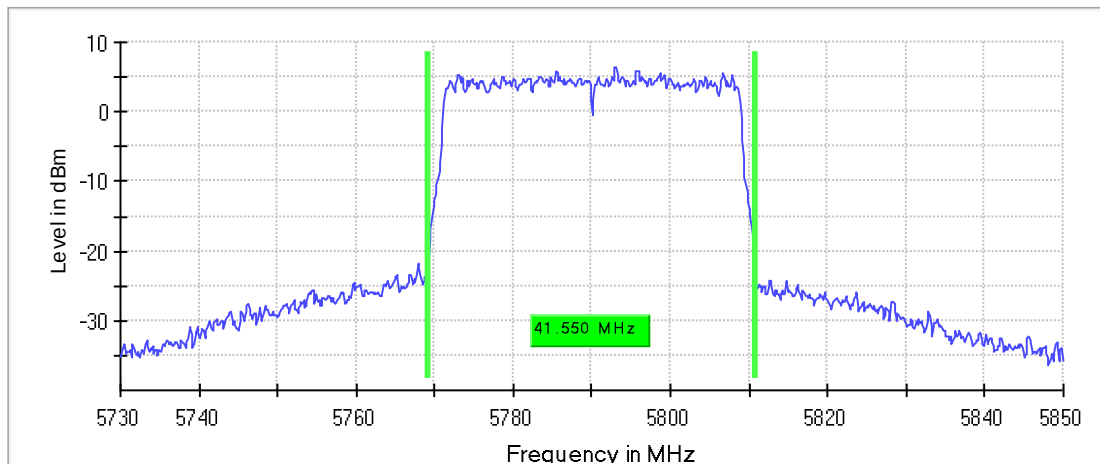
Emission Bandwidth 26 dB (5790 MHz; 30.000 dBm; 40 MHz)

26 dB Bandwidth

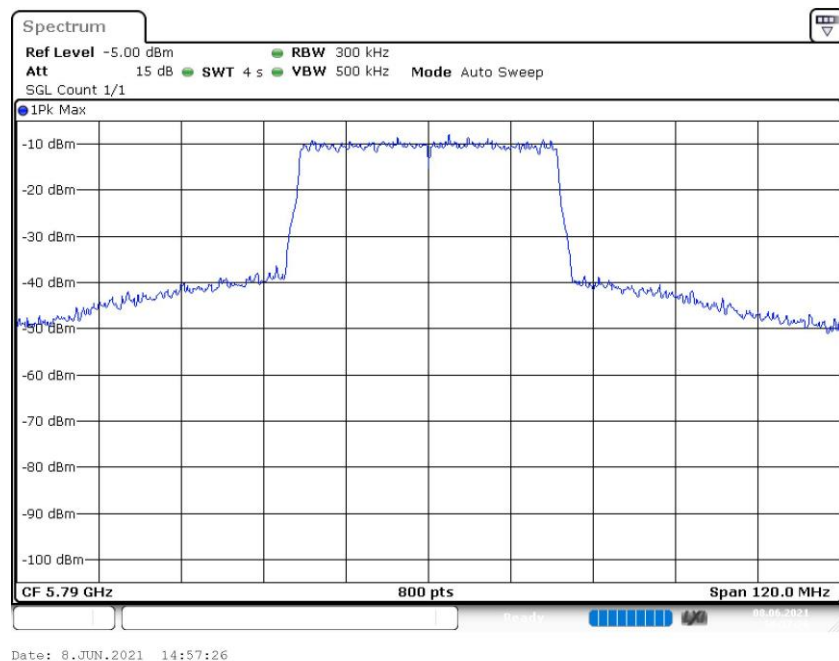
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	41.550000	---	---	5769.225000	5810.775000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	6.5	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.73000 GHz	5.73000 GHz
Stop Frequency	5.85000 GHz	5.85000 GHz
Span	120.000 MHz	120.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	500.000 kHz	>= 360.000 kHz
SweepPoints	800	~ 800
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 (5790 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5790.000000	22.4	30.0	25.4	99.454	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 (5790 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5790.000000	5791.375000	1.731	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.77000 GHz	5.77000 GHz
Stop Frequency	5.81000 GHz	5.81000 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
SweepTime	3.200 ms	3.200 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	Sweep	AUTO
Preamp	off	off

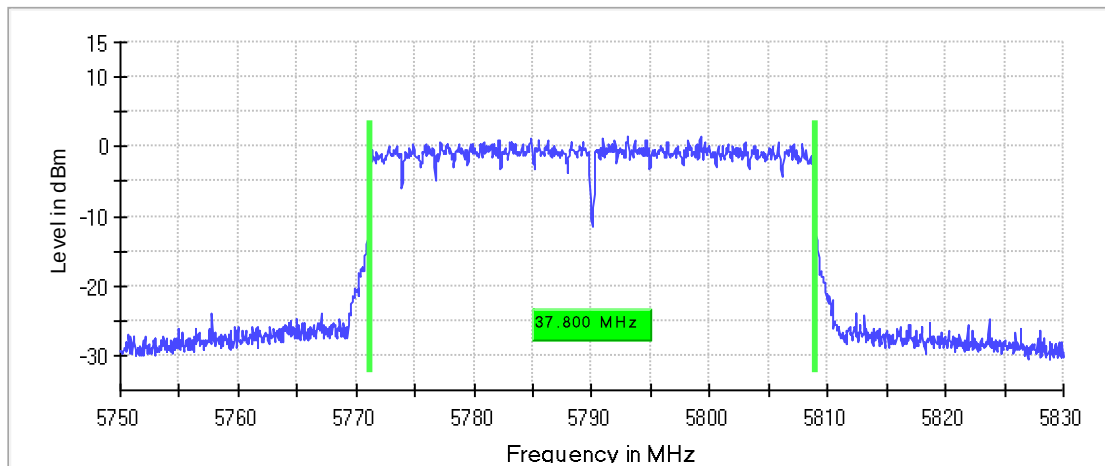
Minimum Emission Bandwidth 6 dB (5790 MHz; 30.000 dBm; 40 MHz)

6 dB Bandwidth

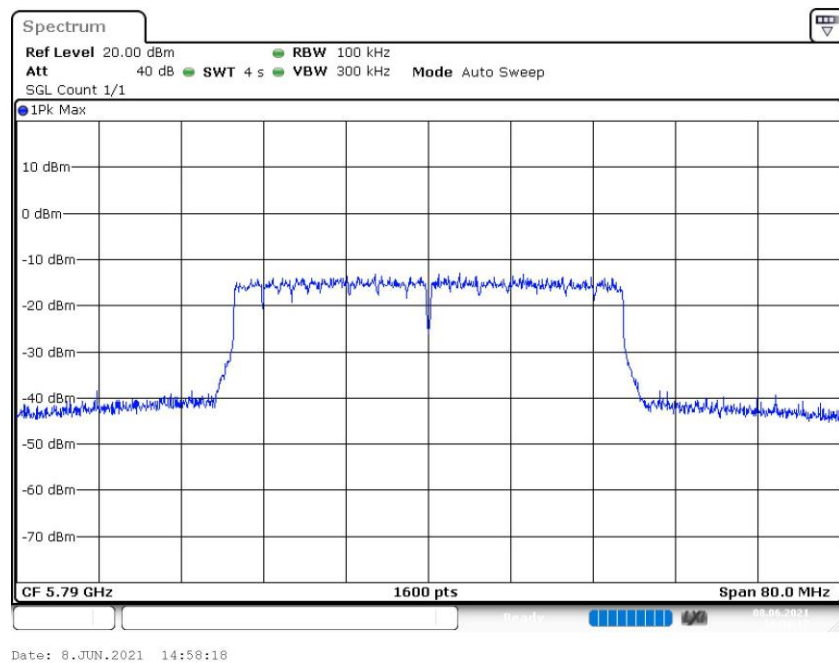
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	37.800000	0.500000	---	5771.125000	5808.925000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	1.6	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.75000 GHz	5.75000 GHz
Stop Frequency	5.83000 GHz	5.83000 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

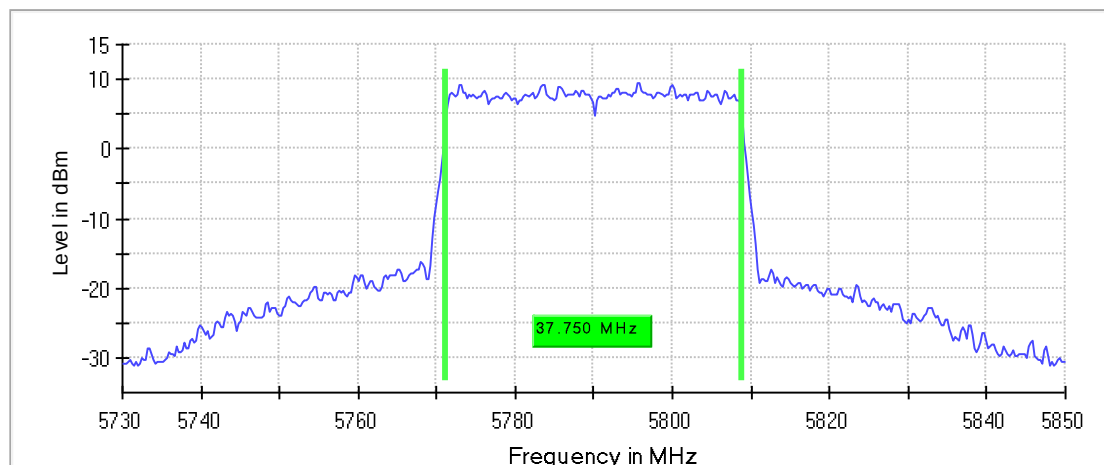
Occupied Channel Bandwidth 99% (5790 MHz; 30.000 dBm; 40 MHz)

99 % Bandwidth

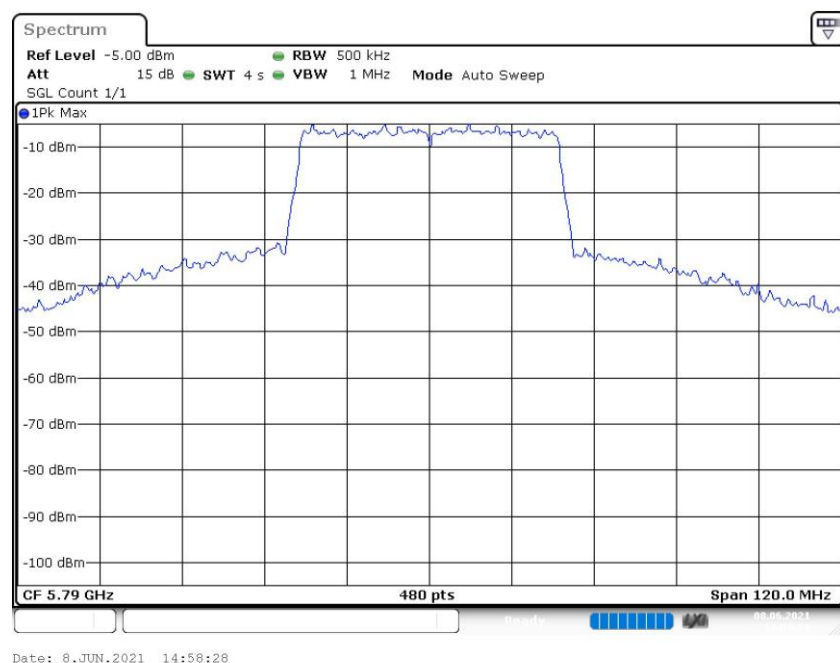
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	37.750000	---	---	5771.125000	5808.875000

DUT Frequency (MHz)	Result
5790.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.73000 GHz	5.73000 GHz
Stop Frequency	5.85000 GHz	5.85000 GHz

Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	480	~ 480
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 (5790 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5790.000000	PASS

Final measurements

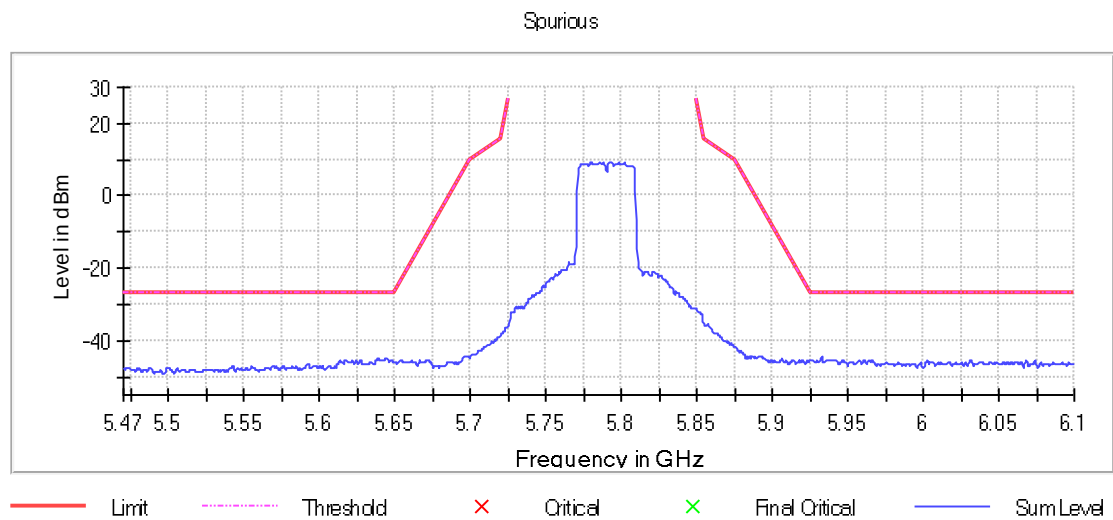
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5932.750000	-44.5	17.5	-27.0
5644.250000	-44.7	17.7	-27.0
5932.250000	-44.7	17.7	-27.0
5643.750000	-44.8	17.8	-27.0
5644.750000	-45.0	18.0	-27.0
5638.250000	-45.0	18.0	-27.0
5643.250000	-45.0	18.0	-27.0
5638.750000	-45.1	18.1	-27.0
5933.250000	-45.1	18.1	-27.0
5940.250000	-45.2	18.2	-27.0
5637.750000	-45.2	18.2	-27.0
5925.250000	-45.2	18.2	-27.0
5647.250000	-45.2	18.2	-27.0
5931.750000	-45.3	18.3	-27.0
5925.750000	-45.3	18.3	-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

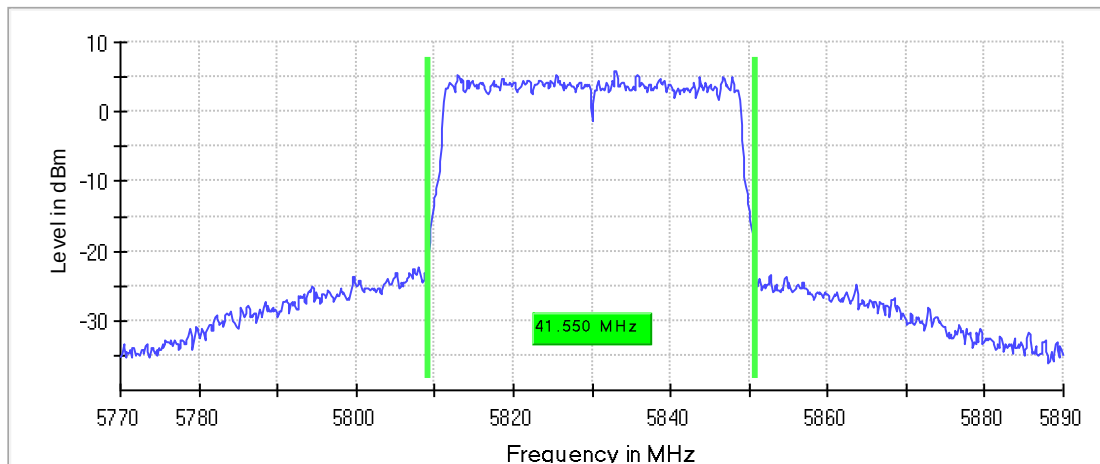
Emission Bandwidth 26 dB (5830 MHz; 30.000 dBm; 40 MHz)

26 dB Bandwidth

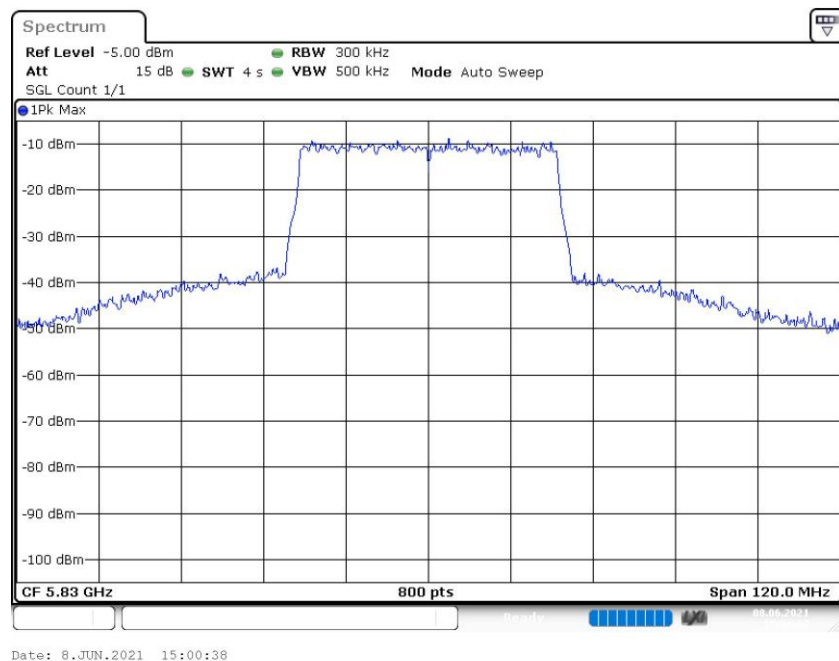
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5830.000000	41.550000	---	---	5809.225000	5850.775000

DUT Frequency (MHz)	Max Level (dBm)	Result
5830.000000	5.9	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.77000 GHz	5.77000 GHz
Stop Frequency	5.89000 GHz	5.89000 GHz
Span	120.000 MHz	120.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	500.000 kHz	>= 360.000 kHz
SweepPoints	800	~ 800
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 (5830 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5830.000000	22.3	30.0	25.3	99.454	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 (5830 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5830.000000	5816.125000	1.823	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.81000 GHz	5.81000 GHz
Stop Frequency	5.85000 GHz	5.85000 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	$\leq$ 500.000 kHz
VBW	2.000 MHz	$\geq$ 1.500 MHz
SweepPoints	160	$\sim$ 160
SweepTime	3.200 ms	3.200 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	Sweep	AUTO
Preamp	off	off

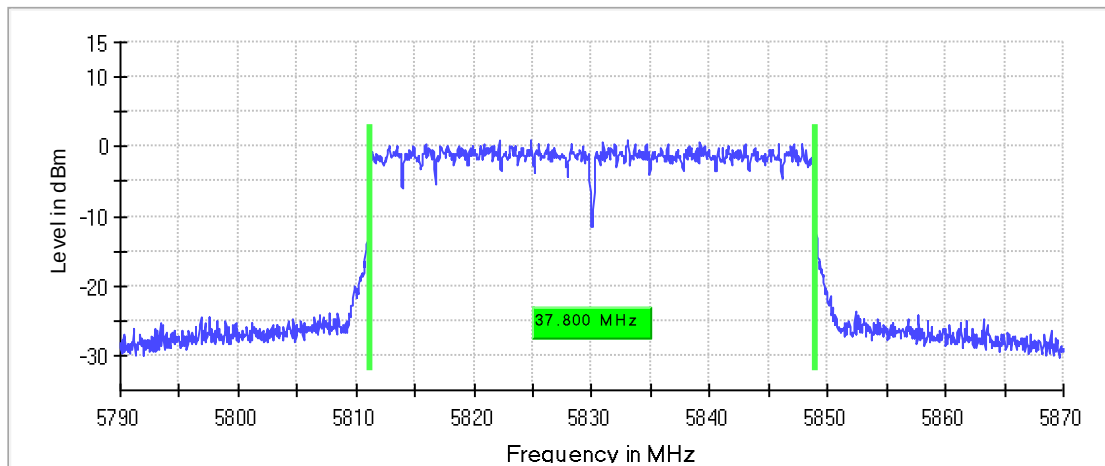
Minimum Emission Bandwidth 6 dB (5830 MHz; 30.000 dBm; 40 MHz)

6 dB Bandwidth

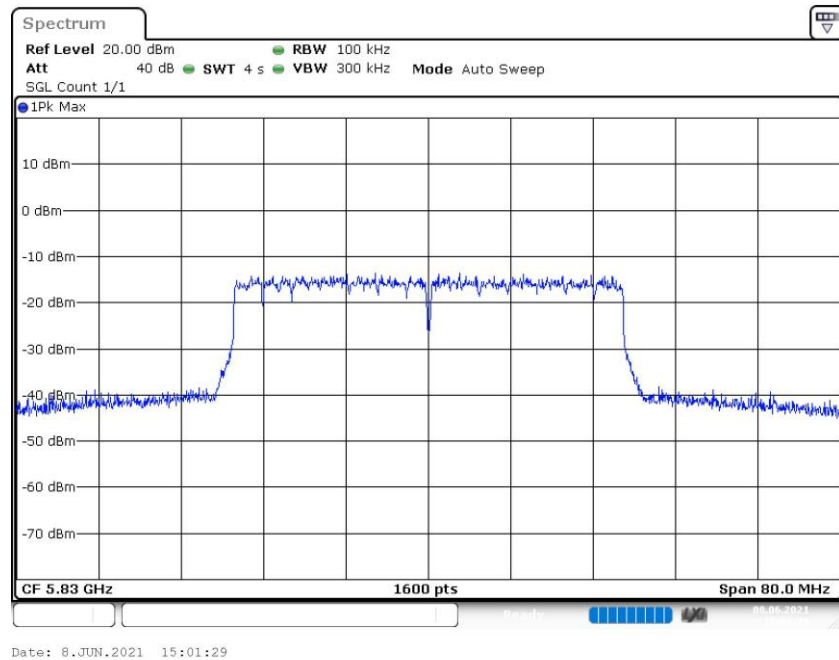
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5830.000000	37.800000	0.500000	---	5811.125000	5848.925000

DUT Frequency (MHz)	Max Level (dBm)	Result
5830.000000	1.0	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.79000 GHz	5.79000 GHz
Stop Frequency	5.87000 GHz	5.87000 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

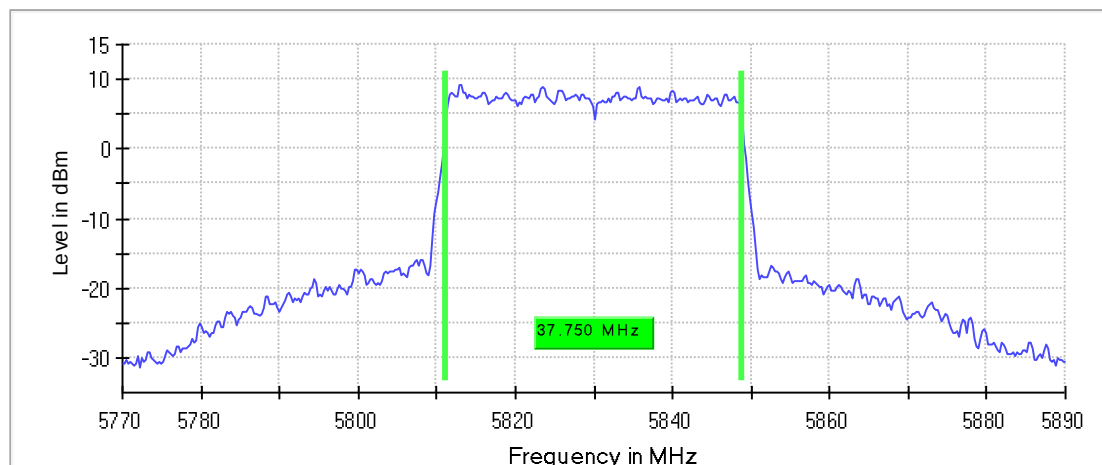
Occupied Channel Bandwidth 99% (5830 MHz; 30.000 dBm; 40 MHz)

99 % Bandwidth

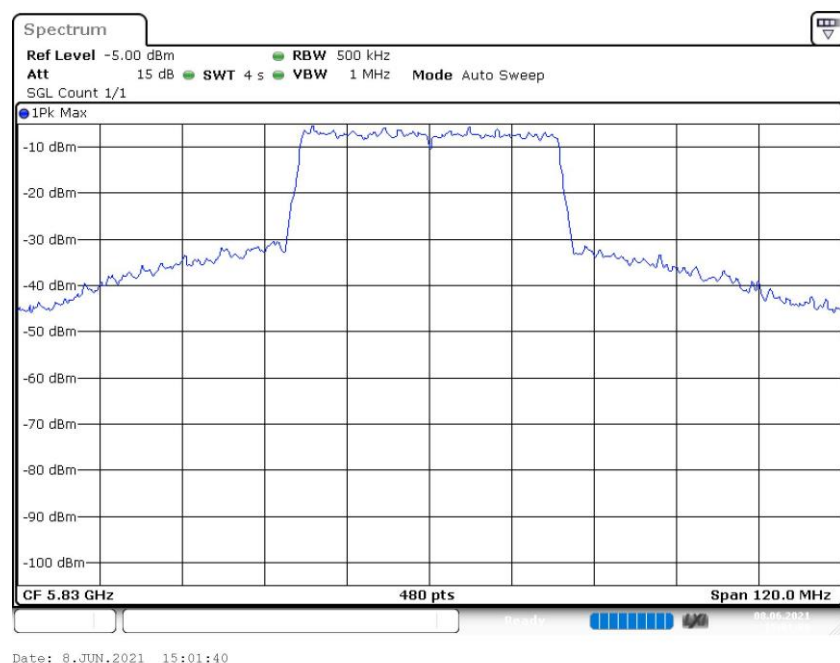
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5830.000000	37.750000	---	---	5811.125000	5848.875000

DUT Frequency (MHz)	Result
5830.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.77000 GHz	5.77000 GHz
Stop Frequency	5.89000 GHz	5.89000 GHz

Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	480	~ 480
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 (5830 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5830.000000	PASS

Final measurements

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

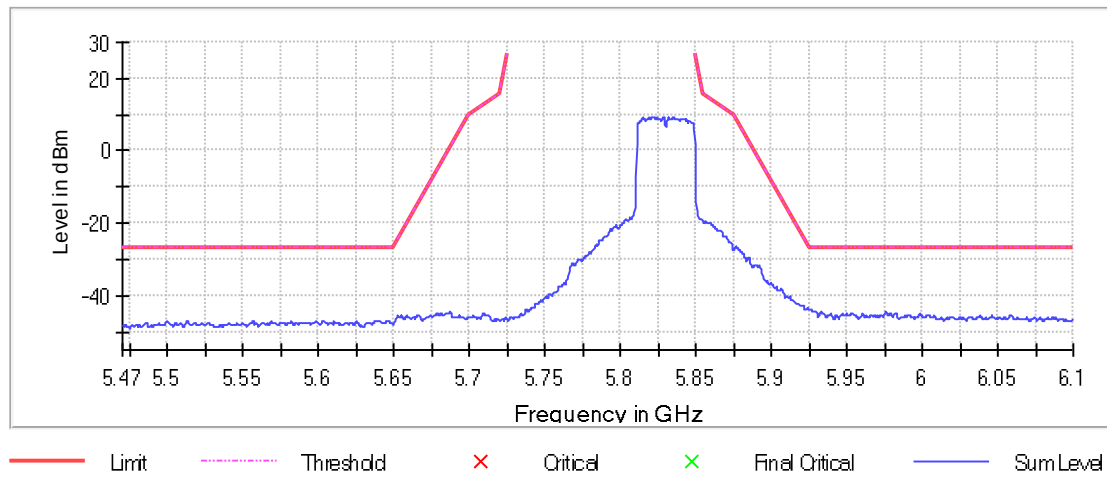
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5925.250000	-43.9	16.9	-27.0
5925.750000	-44.0	17.0	-27.0
5926.250000	-44.1	17.1	-27.0
5926.750000	-44.1	17.1	-27.0
5924.750000	-44.1	17.3	-26.8
5927.250000	-44.3	17.3	-27.0
5928.750000	-44.4	17.4	-27.0
5923.750000	-43.5	17.5	-26.1
5924.250000	-43.9	17.5	-26.4
5929.250000	-44.5	17.5	-27.0
5933.250000	-44.5	17.5	-27.0
5929.750000	-44.5	17.5	-27.0
5927.750000	-44.5	17.5	-27.0
5928.250000	-44.6	17.6	-27.0
5975.750000	-44.6	17.6	-27.0

Measurement Settings

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

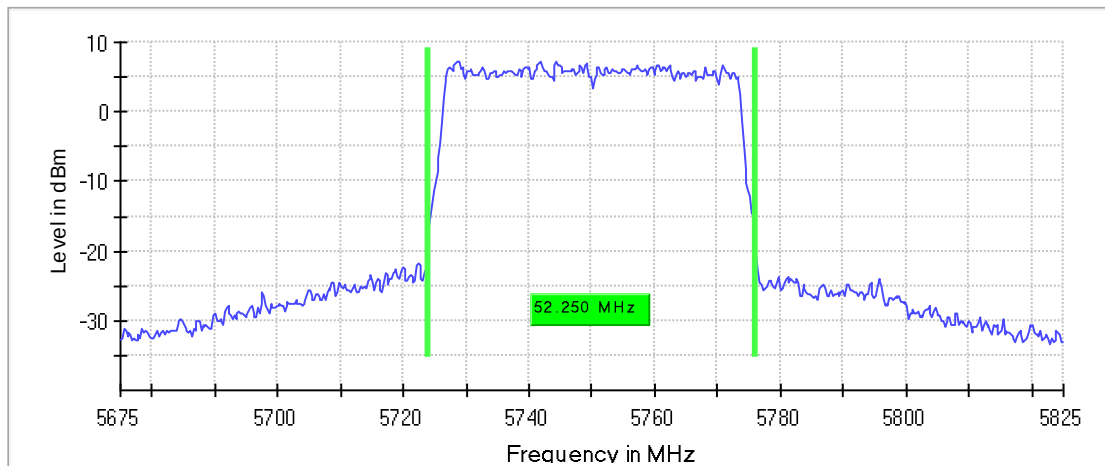
Emission Bandwidth 26 dB (5750 MHz; 30.000 dBm; 50 MHz)

26 dB Bandwidth

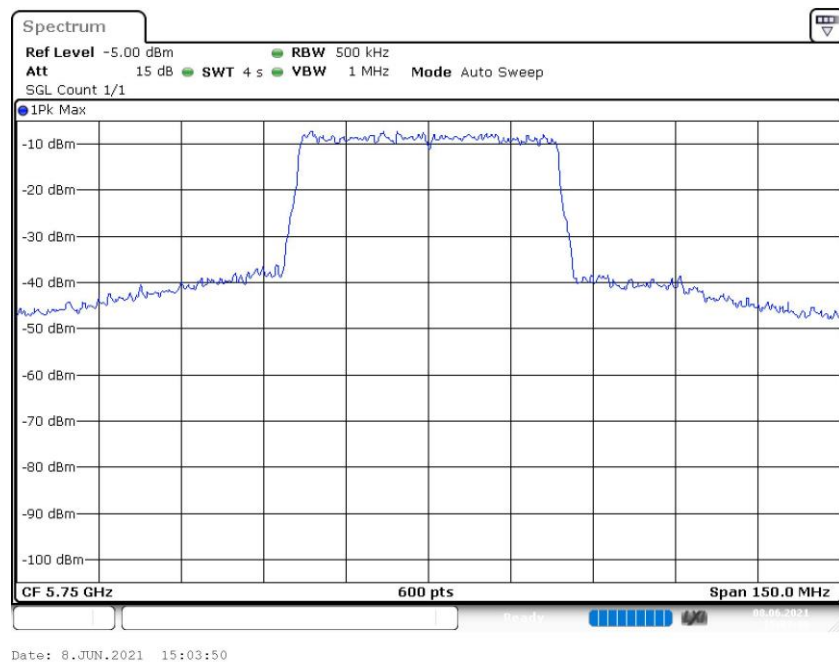
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	52.250000	---	---	5723.875000	5776.125000

DUT Frequency (MHz)	Max Level (dBm)	Result
5750.000000	7.3	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.67500 GHz	5.67500 GHz
Stop Frequency	5.82500 GHz	5.82500 GHz
Span	150.000 MHz	150.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	1.000 MHz	>= 600.000 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 (5750 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5750.000000	22.1	30.0	25.1	99.672	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 (5750 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5750.000000	5762.125000	0.566	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.77500 GHz	5.77500 GHz
Span	50.000 MHz	50.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	200	~ 200
SweepTime	4.000 ms	4.000 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	Sweep	AUTO
Preamp	off	off

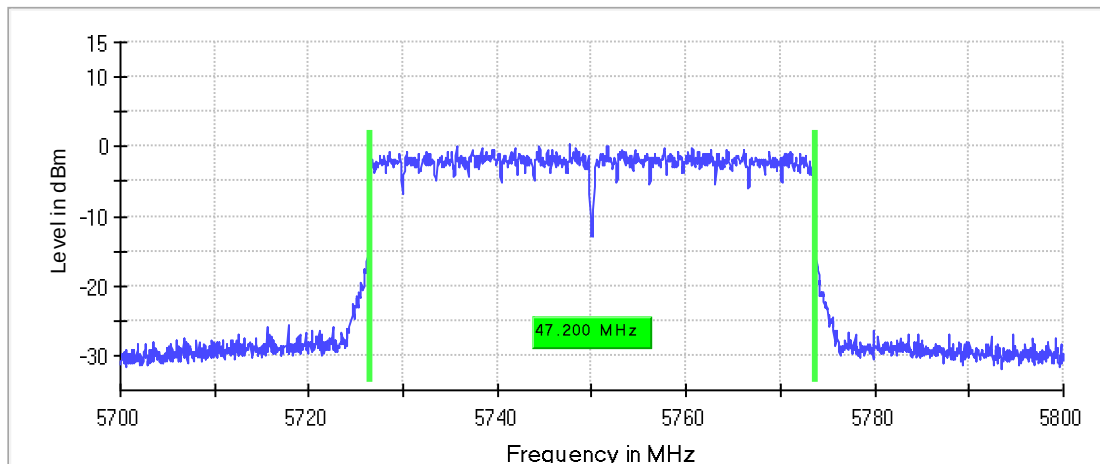
Minimum Emission Bandwidth 6 dB (5750 MHz; 30.000 dBm; 50 MHz)

6 dB Bandwidth

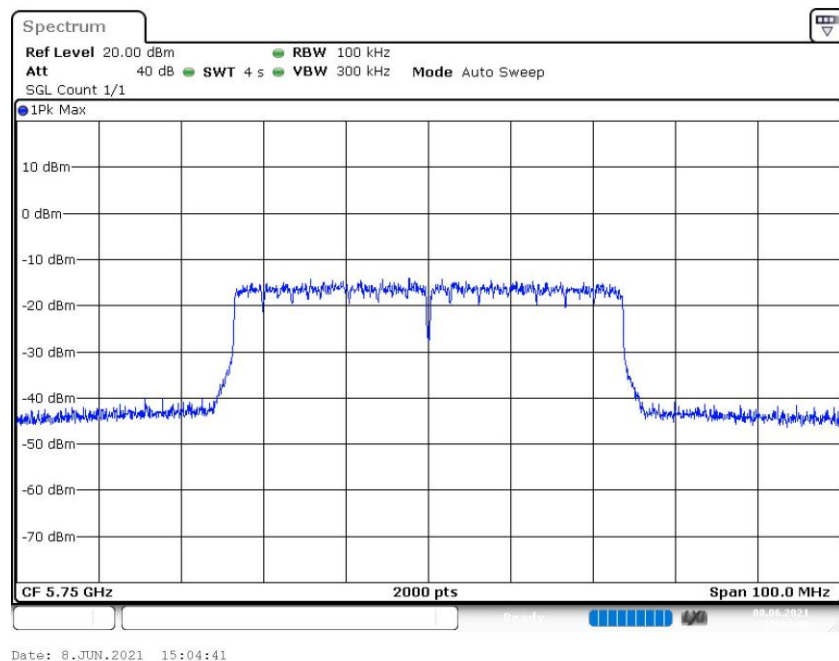
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	47.200000	0.500000	---	5726.425000	5773.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5750.000000	0.3	PASS

6 dB Bandwidth



Bandwidth



Measurement

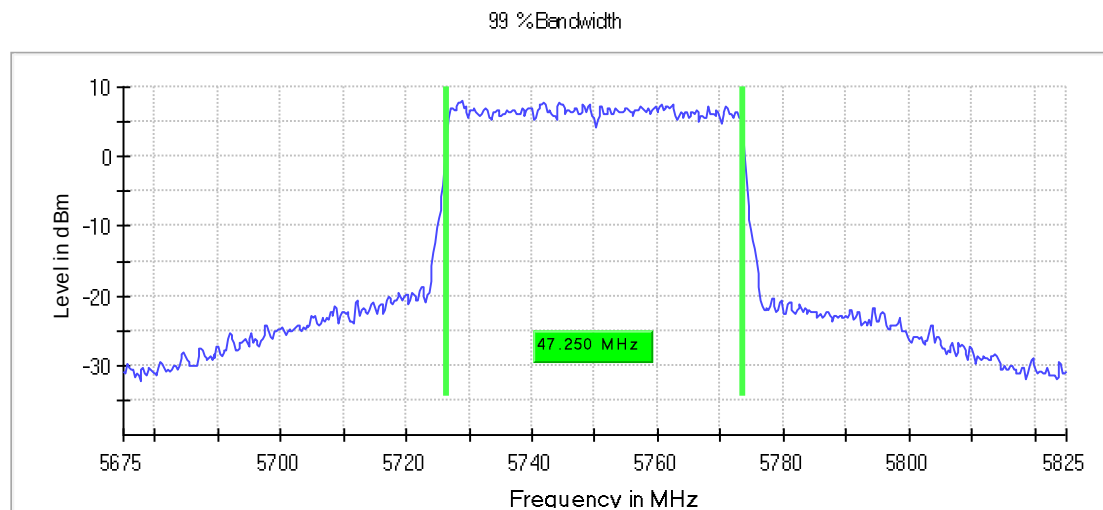
Setting	Instrument Value	Target Value
Start Frequency	5.70000 GHz	5.70000 GHz
Stop Frequency	5.80000 GHz	5.80000 GHz
Span	100.000 MHz	100.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	2000	~ 2000
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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% (5750 MHz; 30.000 dBm; 50 MHz)

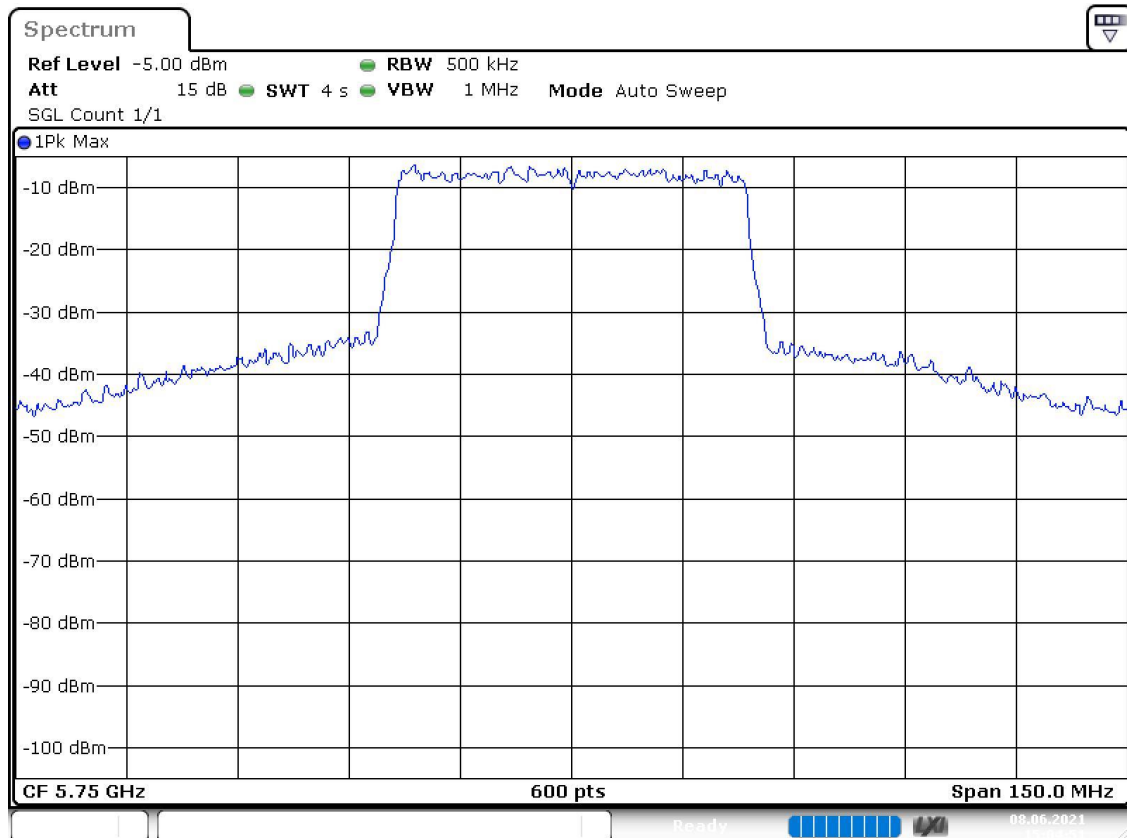
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	47.250000	---	---	5726.375000	5773.625000

DUT Frequency (MHz)	Result
5750.000000	PASS



Bandwidth



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Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.67500 GHz	5.67500 GHz
Stop Frequency	5.82500 GHz	5.82500 GHz
Span	150.000 MHz	150.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	1.000 MHz	>= 600.000 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 (5750 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Result
5750.000000	PASS

Final measurements

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

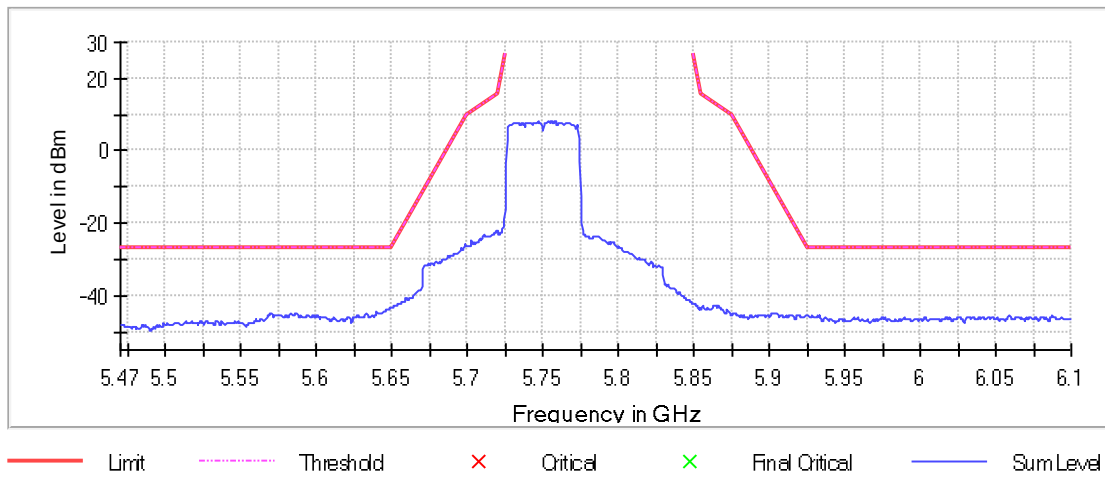
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5648.750000	-43.1	16.1	-27.0
5649.250000	-43.2	16.2	-27.0
5648.250000	-43.4	16.4	-27.0
5649.750000	-43.4	16.4	-27.0
5650.250000	-43.5	16.6	-26.8
5650.750000	-43.2	16.8	-26.4
5647.750000	-43.8	16.8	-27.0
5651.250000	-42.9	16.8	-26.1
5646.250000	-44.0	17.0	-27.0
5646.750000	-44.0	17.0	-27.0
5651.750000	-42.8	17.1	-25.7
5647.250000	-44.1	17.1	-27.0
5645.750000	-44.2	17.2	-27.0
5644.750000	-44.3	17.3	-27.0
5645.250000	-44.3	17.3	-27.0

Measurement Settings

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

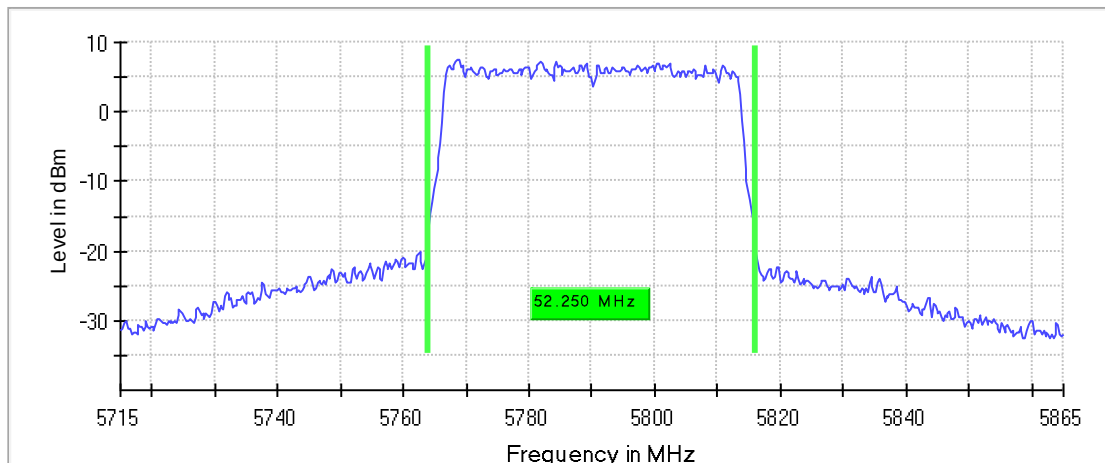
Emission Bandwidth 26 dB (5790 MHz; 30.000 dBm; 50 MHz)

26 dB Bandwidth

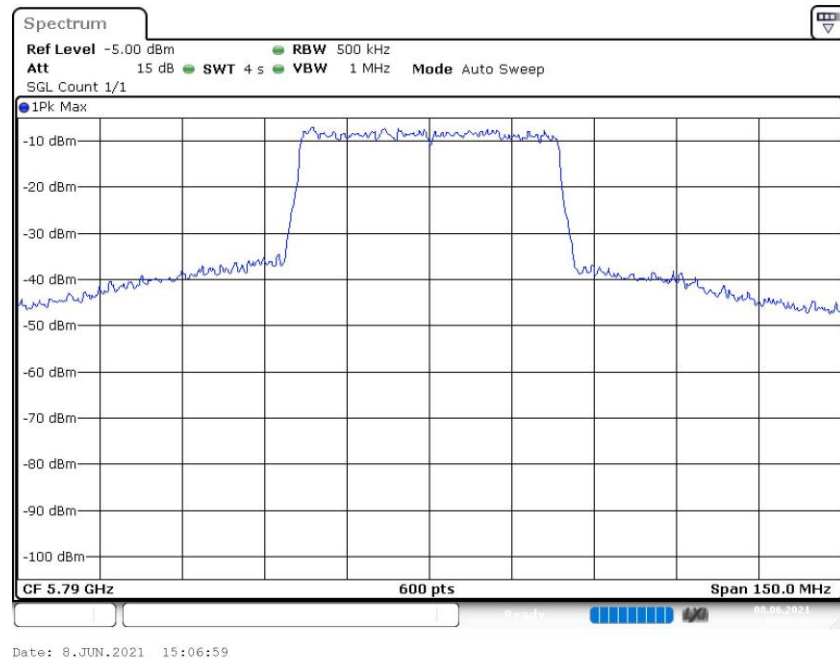
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	52.250000	---	---	5763.875000	5816.125000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	7.5	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71500 GHz	5.71500 GHz
Stop Frequency	5.86500 GHz	5.86500 GHz
Span	150.000 MHz	150.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	1.000 MHz	>= 600.000 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 (5790 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5790.000000	22.4	30.0	25.4	99.672	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 (5790 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5790.000000	5788.125000	0.421	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.76500 GHz	5.76500 GHz
Stop Frequency	5.81500 GHz	5.81500 GHz
Span	50.000 MHz	50.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	200	~ 200
SweepTime	4.000 ms	4.000 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	Sweep	AUTO
Preamp	off	off

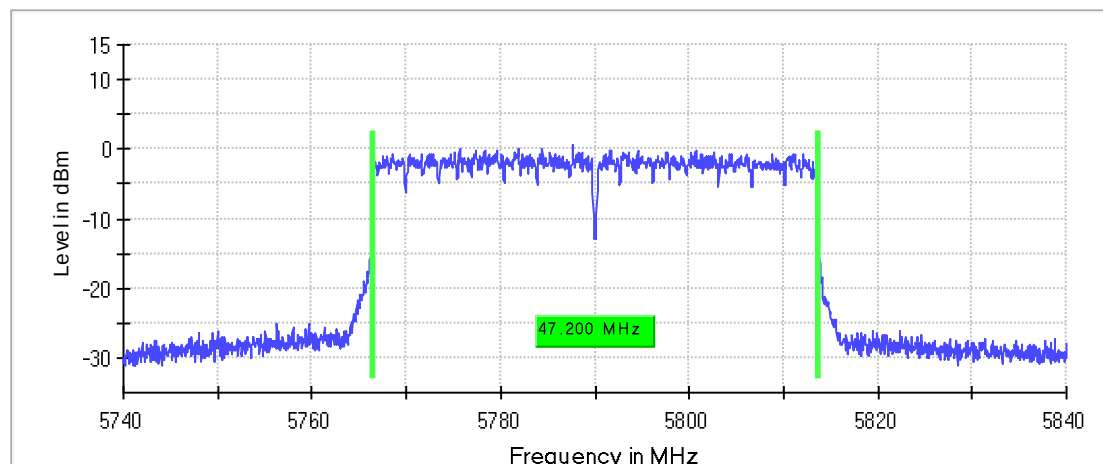
Minimum Emission Bandwidth 6 dB (5790 MHz; 30.000 dBm; 50 MHz)

6 dB Bandwidth

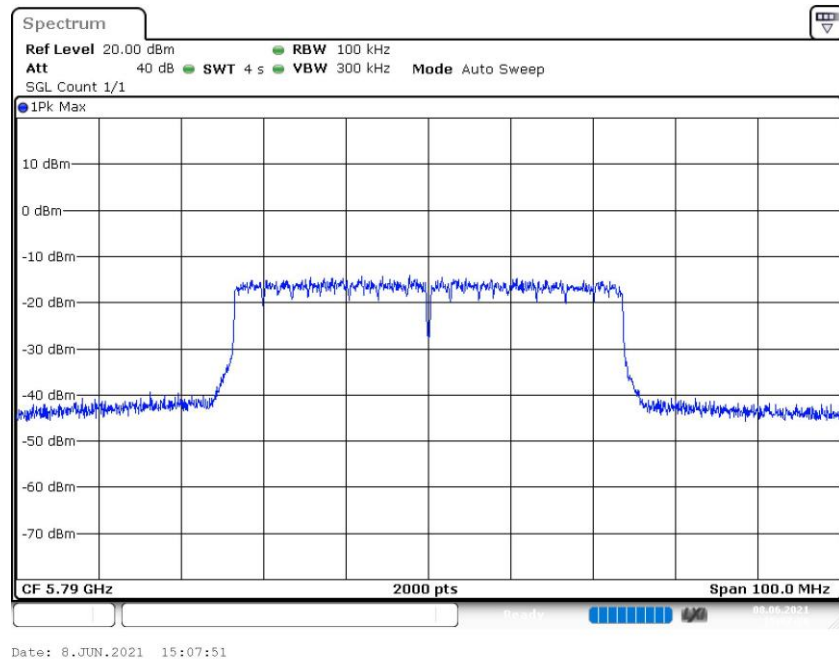
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	47.200000	0.500000	---	5766.425000	5813.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	0.5	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.74000 GHz	5.74000 GHz
Stop Frequency	5.84000 GHz	5.84000 GHz
Span	100.000 MHz	100.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	2000	~ 2000
Sweeptime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

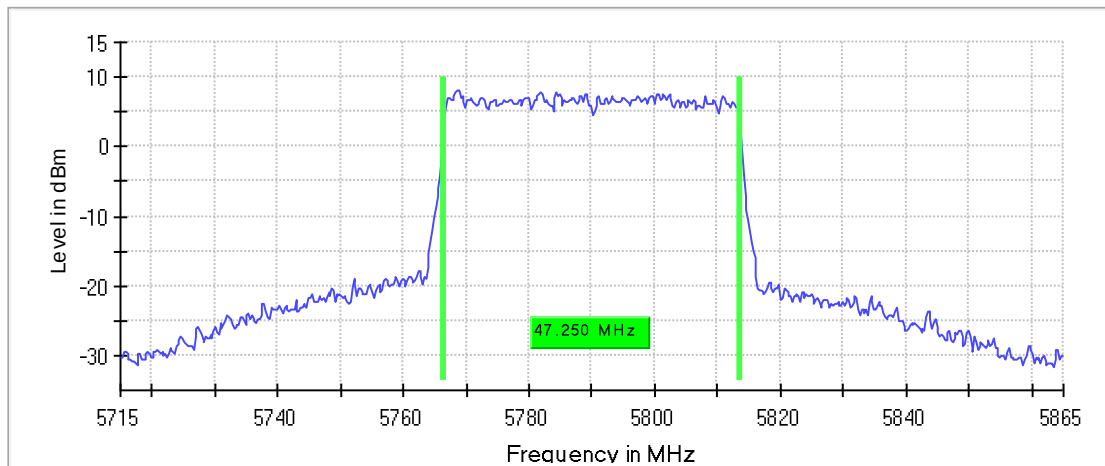
Occupied Channel Bandwidth 99% (5790 MHz; 30.000 dBm; 50 MHz)

99 % Bandwidth

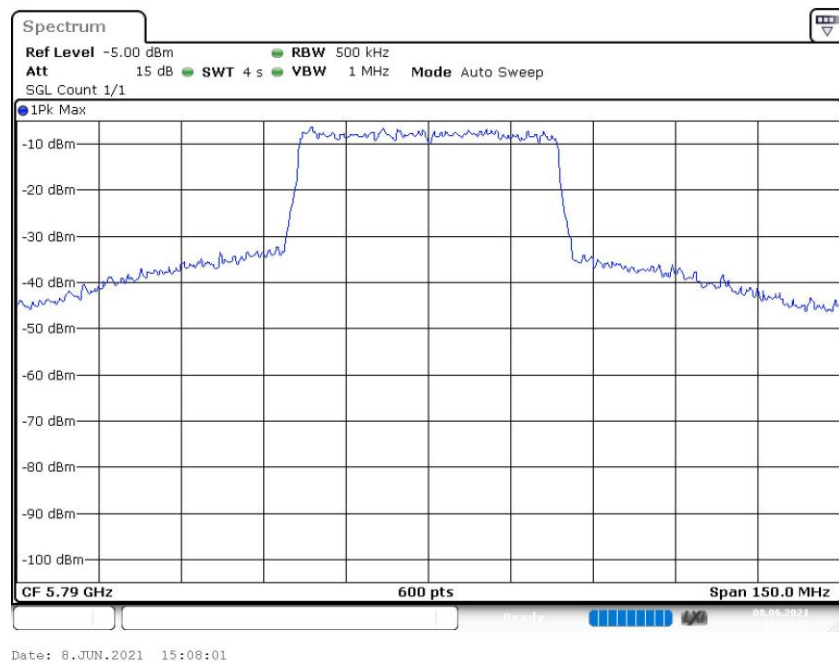
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	47.250000	---	---	5766.375000	5813.625000

DUT Frequency (MHz)	Result
5790.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71500 GHz	5.71500 GHz
Stop Frequency	5.86500 GHz	5.86500 GHz
Span	150.000 MHz	150.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	1.000 MHz	>= 600.000 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 (5790 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Result
5790.000000	PASS

Final measurements

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

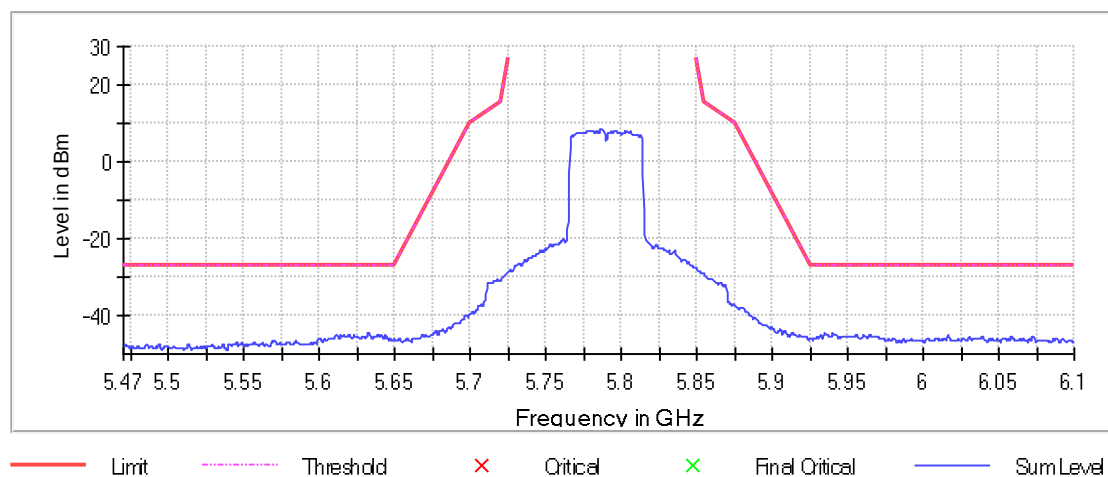
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5934.750000	-44.7	17.7	-27.0
5632.250000	-44.7	17.7	-27.0
5940.250000	-44.7	17.7	-27.0
5632.750000	-44.7	17.7	-27.0
5940.750000	-44.8	17.8	-27.0
5934.250000	-44.8	17.8	-27.0
5935.250000	-44.8	17.8	-27.0
5631.750000	-44.9	17.9	-27.0
5936.250000	-44.9	17.9	-27.0
5935.750000	-44.9	17.9	-27.0
5641.250000	-45.0	18.0	-27.0
5932.250000	-45.0	18.0	-27.0
5942.250000	-45.0	18.0	-27.0
5638.750000	-45.0	18.0	-27.0
5941.250000	-45.0	18.0	-27.0

Measurement Settings

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

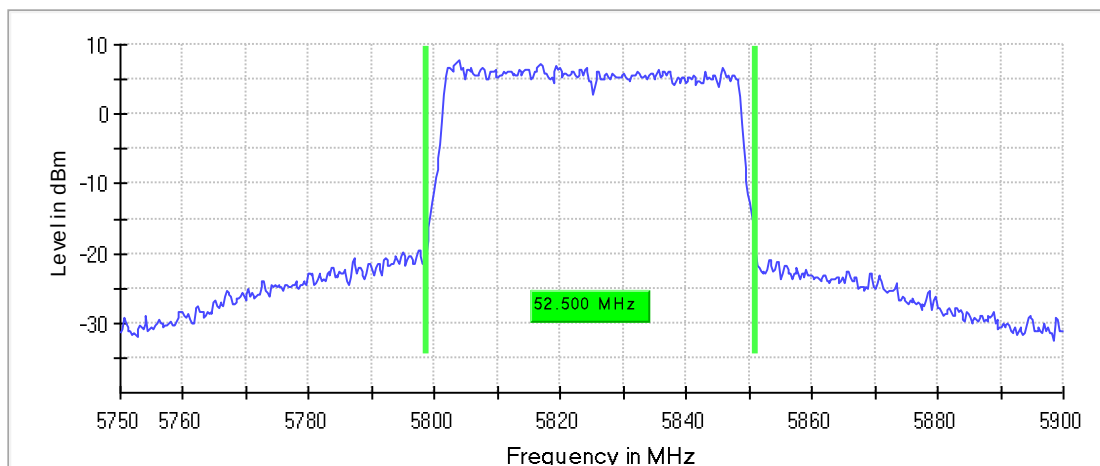
Emission Bandwidth 26 dB (5825 MHz; 30.000 dBm; 50 MHz)

26 dB Bandwidth

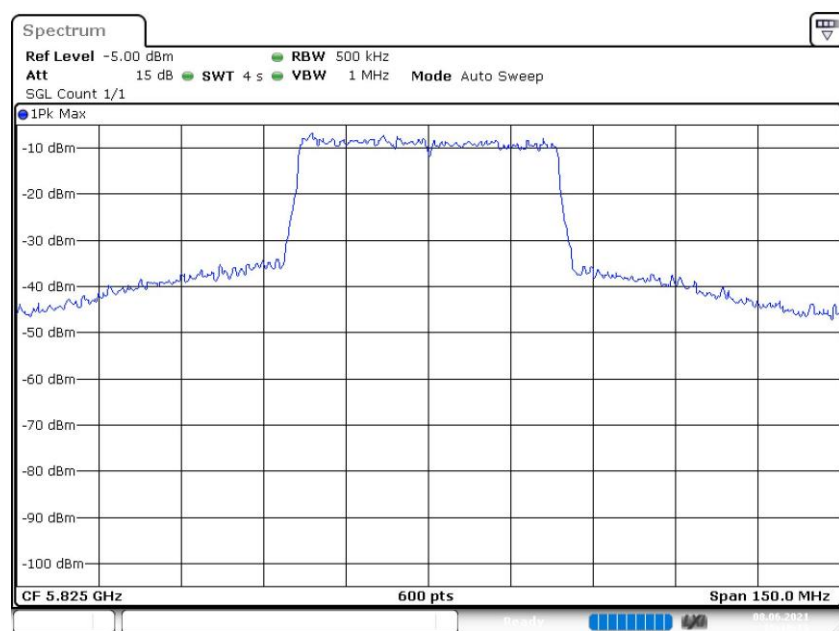
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	52.500000	---	---	5798.625000	5851.125000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	7.7	PASS

26 dB Bandwidth



Bandwidth



Date: 8.JUN.2021 15:10:14

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.75000 GHz	5.75000 GHz
Stop Frequency	5.90000 GHz	5.90000 GHz
Span	150.000 MHz	150.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	1.000 MHz	>= 600.000 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 (5825 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5825.000000	22.3	30.0	25.3	99.672	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 (5825 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5825.000000	5814.375000	1.138	30.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.80000 GHz	5.80000 GHz
Stop Frequency	5.85000 GHz	5.85000 GHz
Span	50.000 MHz	50.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	200	~ 200
SweepTime	4.000 ms	4.000 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	Sweep	AUTO
Preamp	off	off

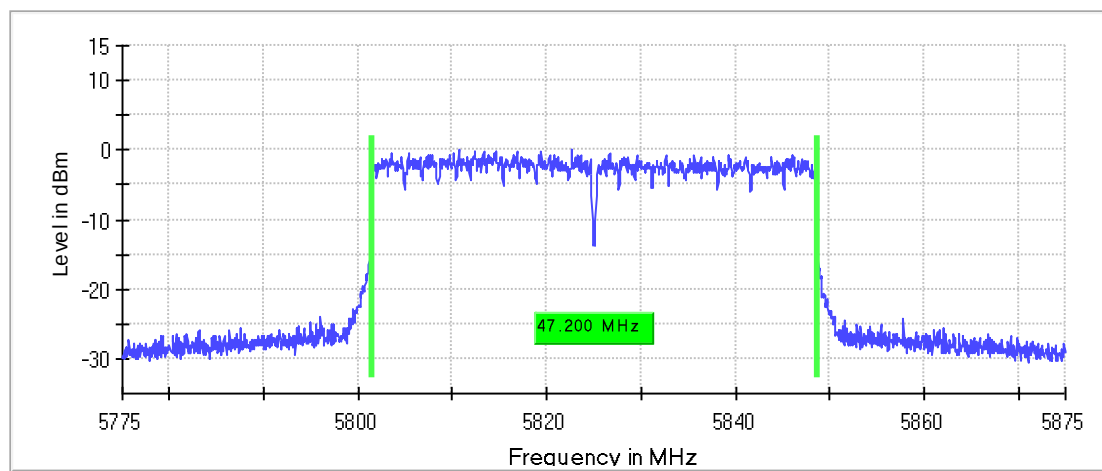
Minimum Emission Bandwidth 6 dB (5825 MHz; 30.000 dBm; 50 MHz)

6 dB Bandwidth

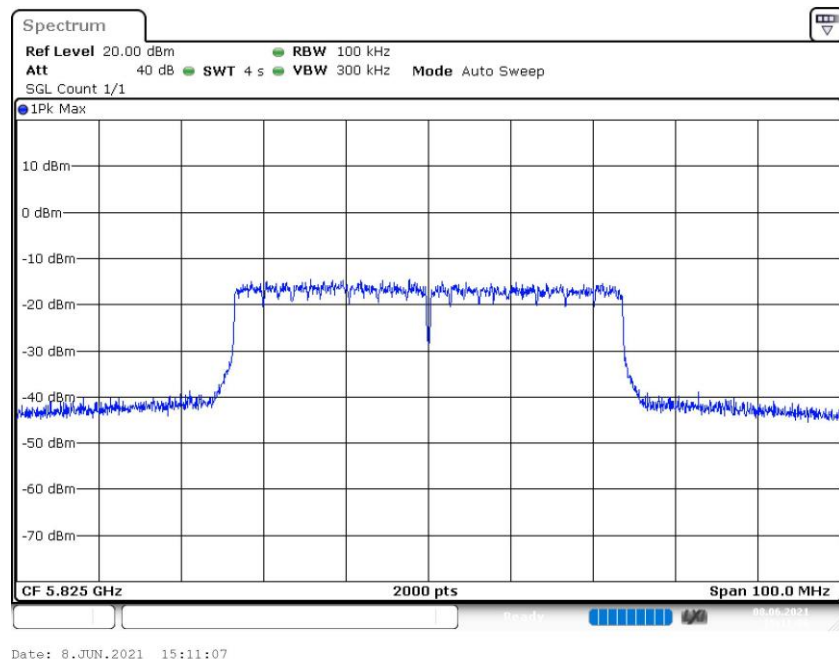
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	47.200000	0.500000	---	5801.425000	5848.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	0.1	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
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Start Frequency	5.77500 GHz	5.77500 GHz
Stop Frequency	5.87500 GHz	5.87500 GHz
Span	100.000 MHz	100.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	2000	~ 2000
SweepTime	4.000 s	4.000 s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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

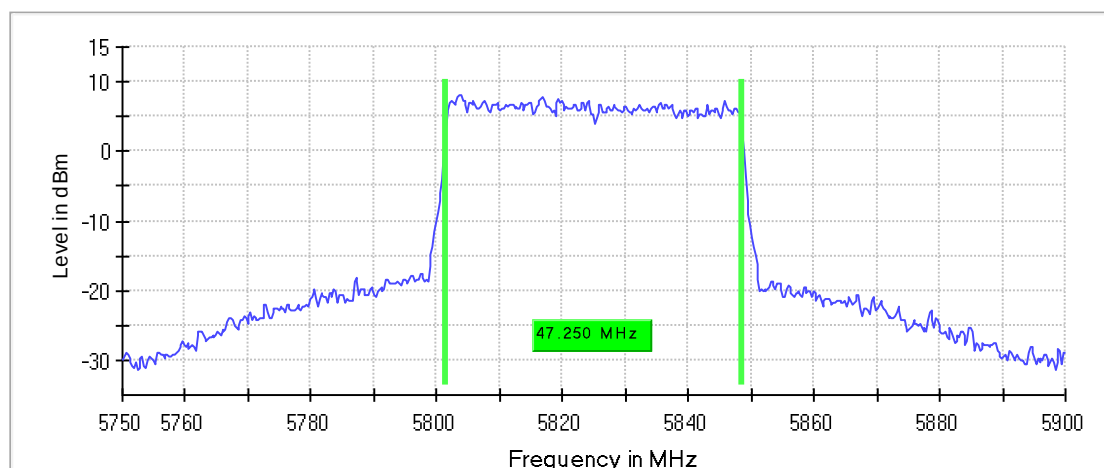
Occupied Channel Bandwidth 99% (5825 MHz; 30.000 dBm; 50 MHz)

99 % Bandwidth

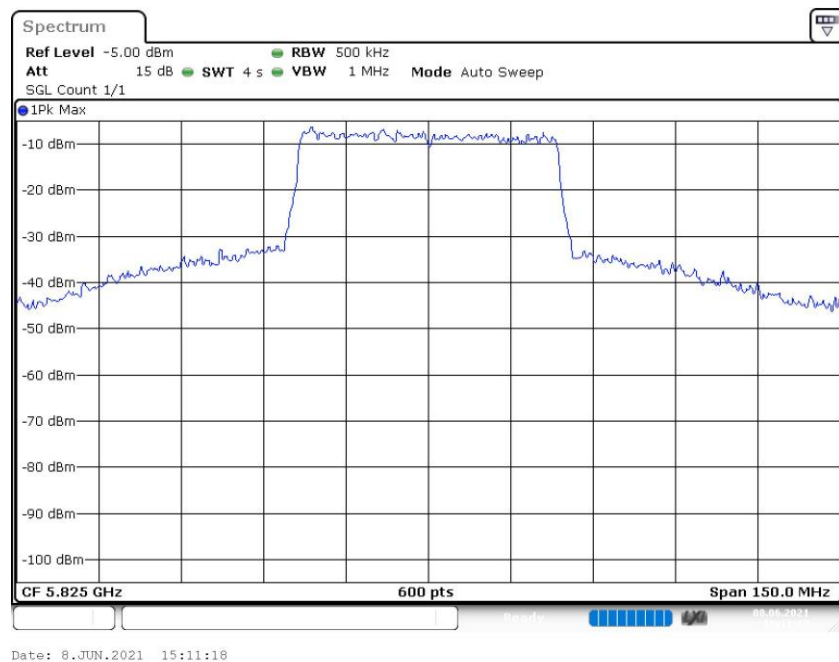
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	47.250000	---	---	5801.375000	5848.625000

DUT Frequency (MHz)	Result
5825.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.75000 GHz	5.75000 GHz
Stop Frequency	5.90000 GHz	5.90000 GHz
Span	150.000 MHz	150.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	1.000 MHz	>= 600.000 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 (5825 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Final measurements

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

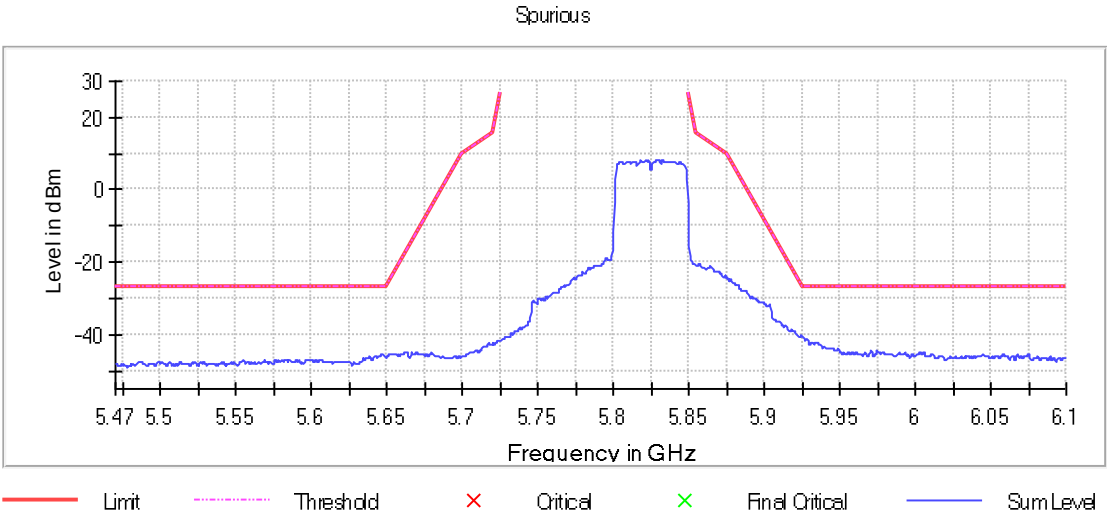
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5924.750000	-40.2	13.4	-26.8
5925.250000	-40.4	13.4	-27.0
5925.750000	-40.8	13.8	-27.0
5924.250000	-40.4	13.9	-26.4
5926.250000	-41.0	14.0	-27.0
5928.250000	-41.3	14.3	-27.0
5923.750000	-40.4	14.4	-26.1

5927.750000	-41.5	14.5	-27.0
5926.750000	-41.6	14.6	-27.0
5923.250000	-40.4	14.7	-25.7
5927.250000	-41.9	14.9	-27.0
5928.750000	-41.9	14.9	-27.0
5922.750000	-40.5	15.2	-25.3
5934.250000	-42.2	15.2	-27.0
5934.750000	-42.3	15.3	-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