427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-UTRLR
ISED ID	6545A-UTRLR
Equipment Under Test	UTR-LR
Test Report Serial Number	TR11007_01
Date of Tests	15 - 16 June 2026
Report Issue Date	31 July 2026

Test Personnel

Testing performed by	Clay Allred and Evan Hartzell

Test Location

Testing was performed at the Unified Compliance Laboratory located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2027. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until 30 June 2027. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.

NVLAP LAB CODE 600241-0

Revision History		
Revision	**Description**	**Date**
01	Original Report Release	31 July 2026

Table of Contents

1 RF Conducted UNII-3

NOTE: The first channel contains the equipment setting table(s), if subsequent channels do not have an equipment setting table(s) then the equipment setting table(s) is the same as the first channel.

1.1 VHT Mode

1.1.1 Summary

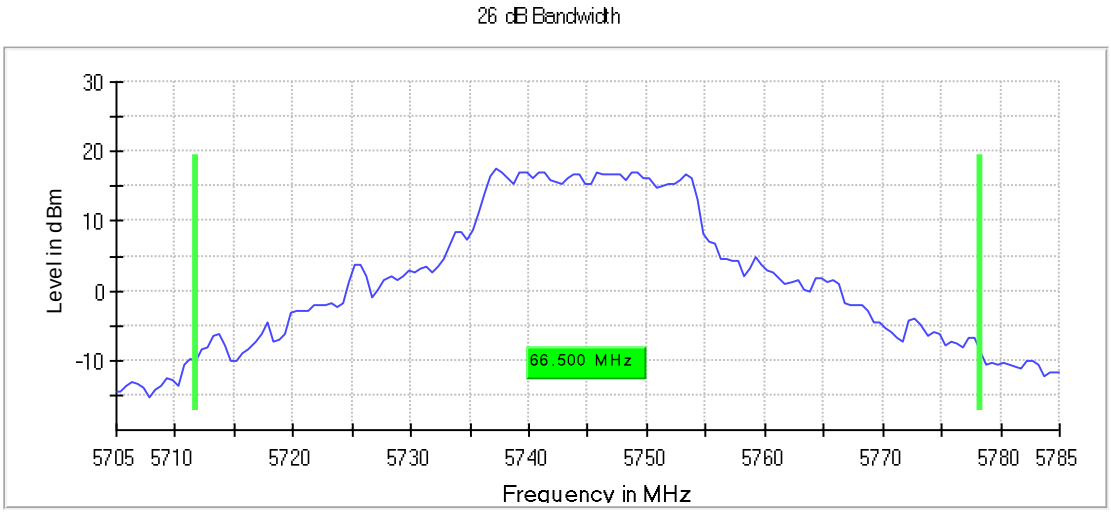
Test	Frequency (MHz)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5745.000	20.000000	PASS
RF output power	5745.000	20.000000	PASS
Power Spectral Density (SA-3)	5745.000	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5745.000	20.000000	PASS
Occupied Channel Bandwidth 99%	5745.000	20.000000	PASS
Tx Spurious Emission	5745.000	20.000000	PASS
Emission Bandwidth 26 dB	5775.000	20.000000	PASS
Power Spectral Density (SA-3)	5775.000	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	20.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	20.000000	PASS
Tx Spurious Emission	5775.000	20.000000	PASS
Emission Bandwidth 26 dB	5825.000	20.000000	PASS
Power Spectral Density (SA-3)	5825.000	20.000000	PASS
Minimum Emission Bandwidth 6 dB	5825.000	20.000000	PASS
Occupied Channel Bandwidth 99%	5825.000	20.000000	PASS
Tx Spurious Emission	5825.000	20.000000	PASS
Emission Bandwidth 26 dB	5755.000	40.000000	PASS
Power Spectral Density (SA-3)	5755.000	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5755.000	40.000000	PASS
Occupied Channel Bandwidth 99%	5755.000	40.000000	PASS
Tx Spurious Emission	5755.000	40.000000	PASS
Emission Bandwidth 26 dB	5775.000	40.000000	PASS
Power Spectral Density (SA-3)	5775.000	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	40.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	40.000000	PASS
Tx Spurious Emission	5775.000	40.000000	PASS
Emission Bandwidth 26 dB	5795.000	40.000000	PASS
Power Spectral Density (SA-3)	5795.000	40.000000	PASS
Minimum Emission Bandwidth 6 dB	5795.000	40.000000	PASS
Occupied Channel Bandwidth 99%	5795.000	40.000000	PASS
Tx Spurious Emission	5795.000	40.000000	PASS
Emission Bandwidth 26 dB	5775.000	80.000000	PASS
Power Spectral Density (SA-3)	5775.000	80.000000	PASS
Minimum Emission Bandwidth 6 dB	5775.000	80.000000	PASS
Occupied Channel Bandwidth 99%	5775.000	80.000000	PASS
Tx Spurious Emission	5775.000	80.000000	PASS

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

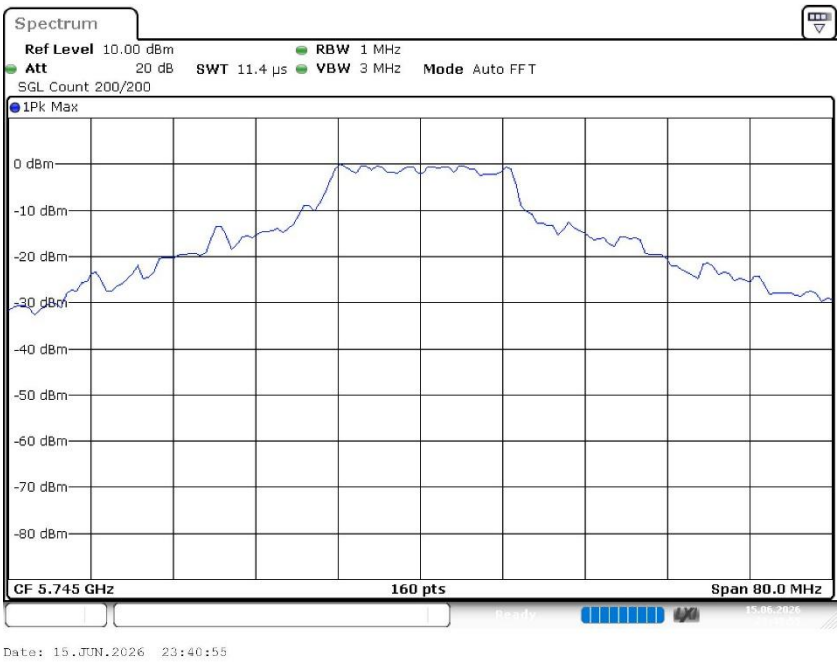
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	66.500000	---	---	5711.750000	5778.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	17.5	PASS



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	1.000 MHz	~ 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	160	~ 160
Sweeptime	11.438 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

RF output power (5745 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5745.000000	24.8	30.0	24.8	95.802	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

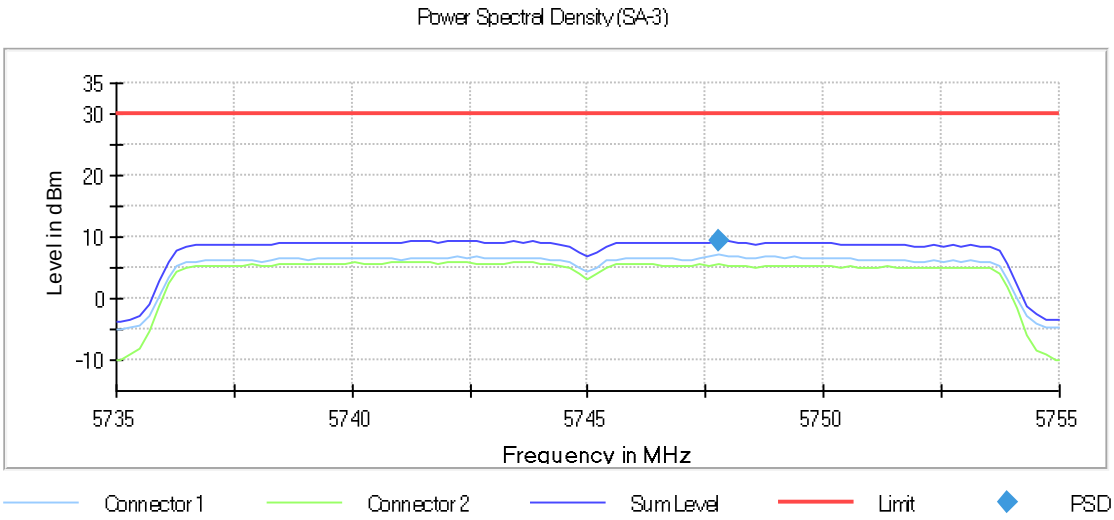
Power Spectral Density (SA-3) (5745 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5745.000000	5747.772277	9.368	30.0	PASS

Ports

Port	State
1	used
2	used



Measurement

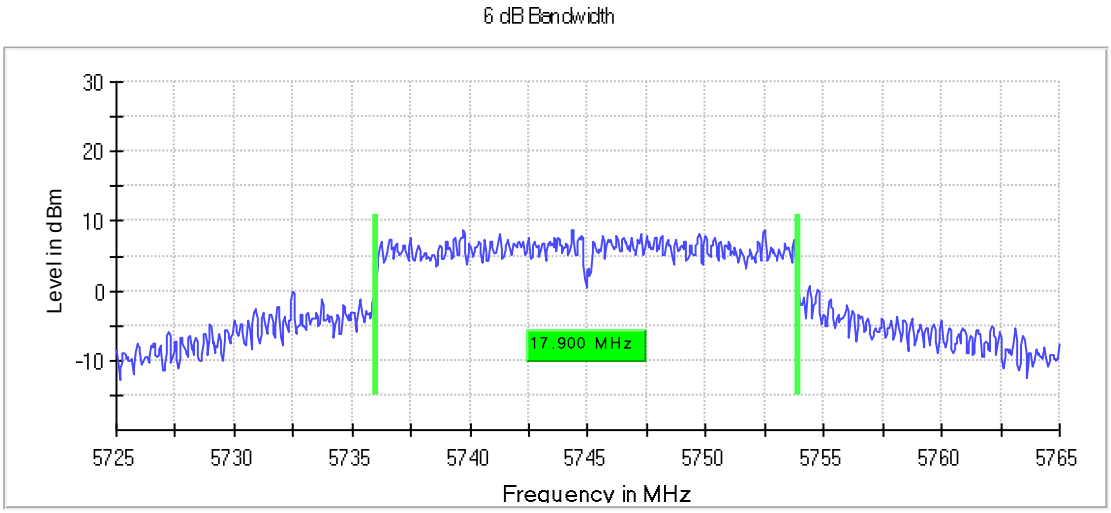
Setting	Instrument Value	Target Value
Start Frequency	5.73500 GHz	5.73500 GHz
Stop Frequency	5.75500 GHz	5.75500 GHz
Span	20.000 MHz	20.000 MHz
RBW	500.000 kHz	<= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	101	~ 80
Sweeptime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	Sweep	Sweep
Preamp	off	off

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

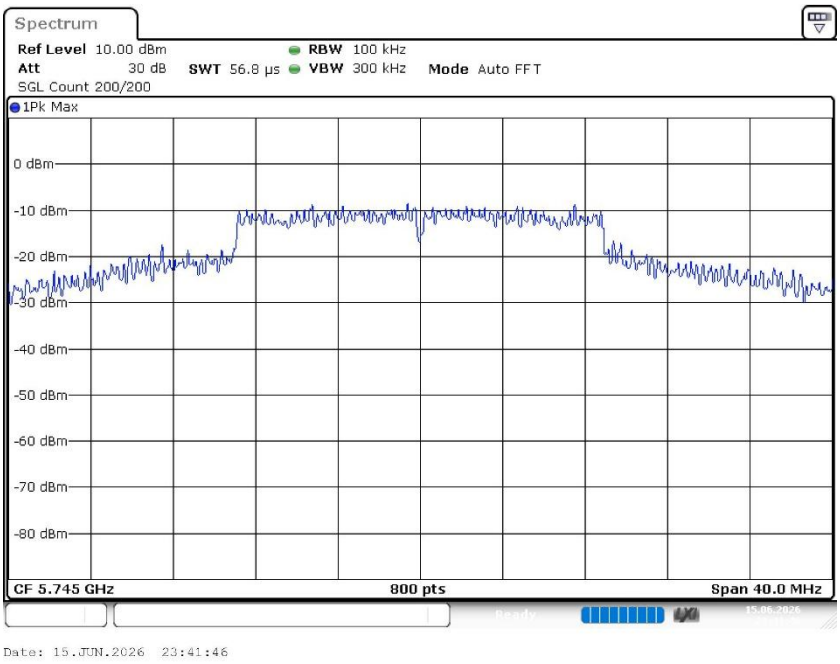
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	17.900000	0.500000	---	5736.025000	5753.925000

DUT Frequency (MHz)	Max Level (dBm)	Result
5745.000000	8.8	PASS



Bandwidth



Measurement

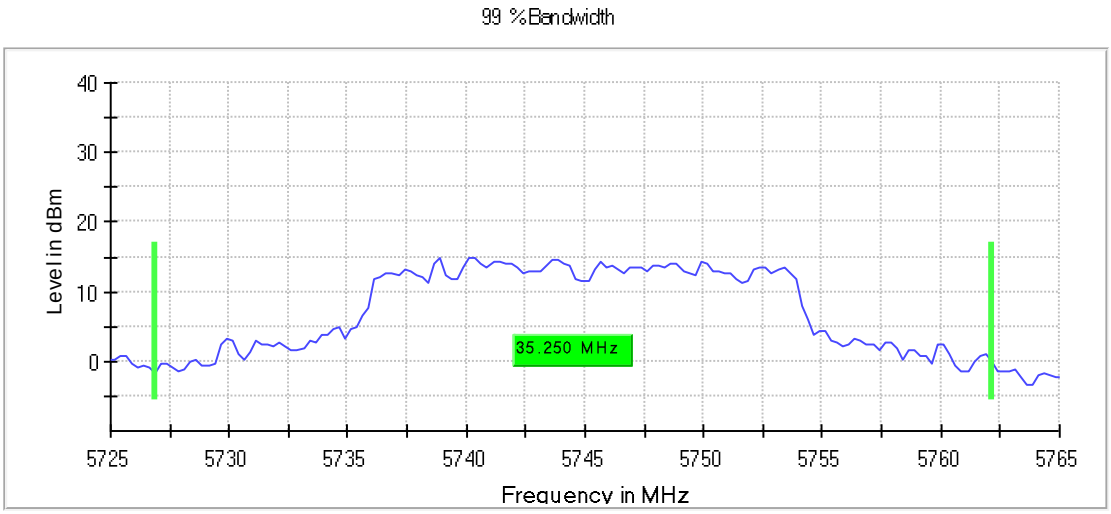
Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.76500 GHz	5.76500 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	56.836 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

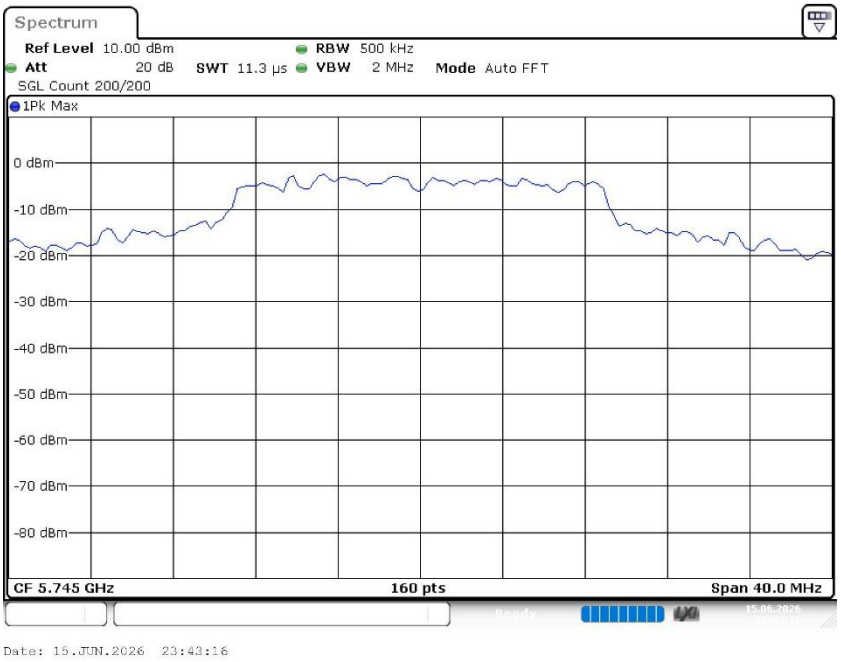
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5745.000000	35.250000	---	---	5726.875000	5762.125000

DUT Frequency (MHz)	Result
5745.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.72500 GHz	5.72500 GHz
Stop Frequency	5.76500 GHz	5.76500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweeptime	11.344 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm

Attenuation	20.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

Result

DUT Frequency (MHz)	Result
5745.000000	PASS

Final measurements

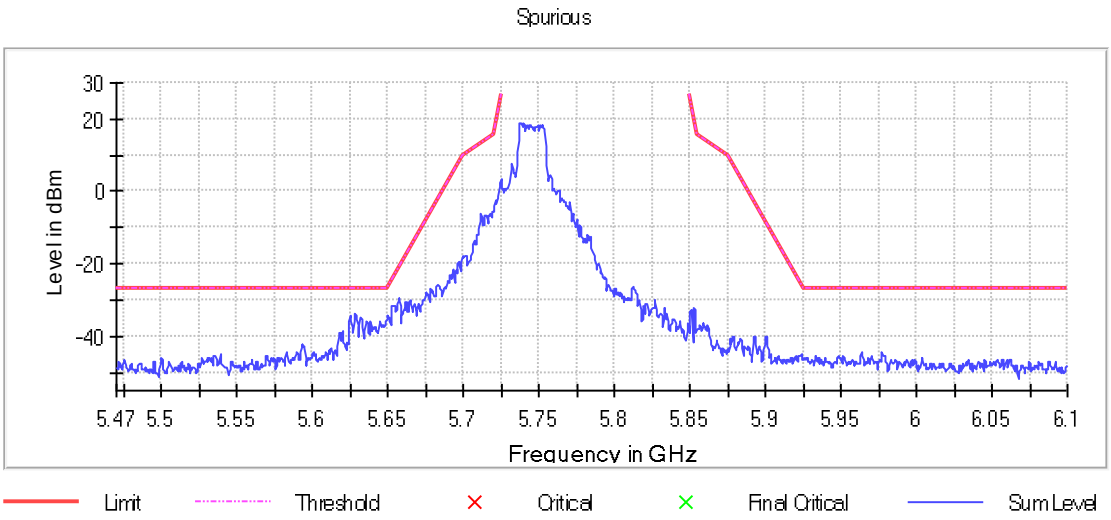
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5652.750000	-31.9	6.9	-25.0
5628.250000	-33.9	6.9	-27.0
5653.250000	-31.7	7.1	-24.6
5627.750000	-34.1	7.1	-27.0
5628.750000	-34.2	7.2	-27.0
5653.750000	-31.6	7.3	-24.2
5624.750000	-34.4	7.4	-27.0
5652.250000	-32.7	7.4	-25.3
5649.750000	-34.5	7.5	-27.0
5654.250000	-31.5	7.6	-23.9
5631.750000	-34.7	7.7	-27.0
5656.750000	-29.9	7.9	-22.0
5632.250000	-34.9	7.9	-27.0
5657.250000	-29.6	7.9	-21.6
5650.250000	-34.8	8.0	-26.8

Measurement Settings

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



Pre Measurement 2

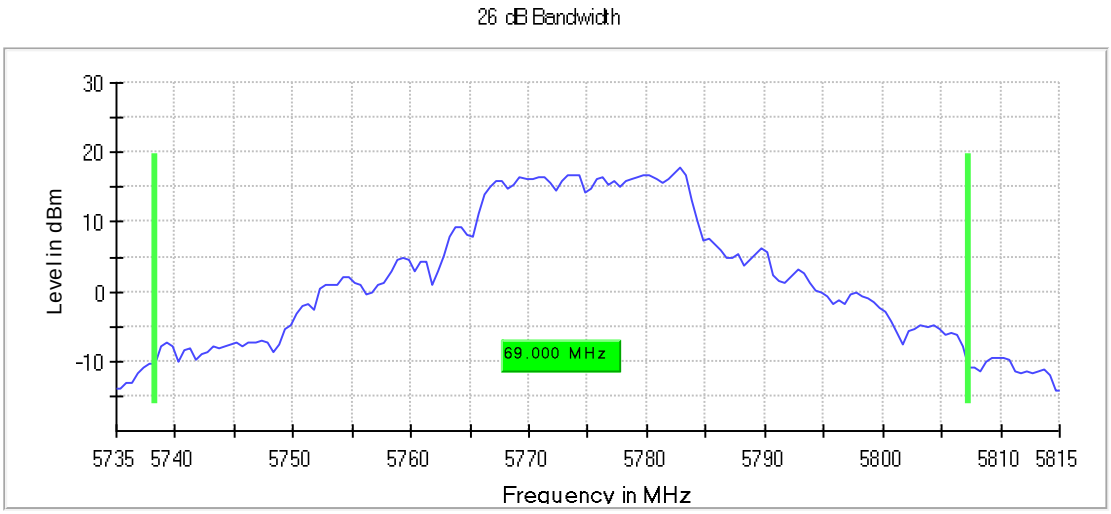
Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	1260	~ 1260
Sweeptime	85.781 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold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

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

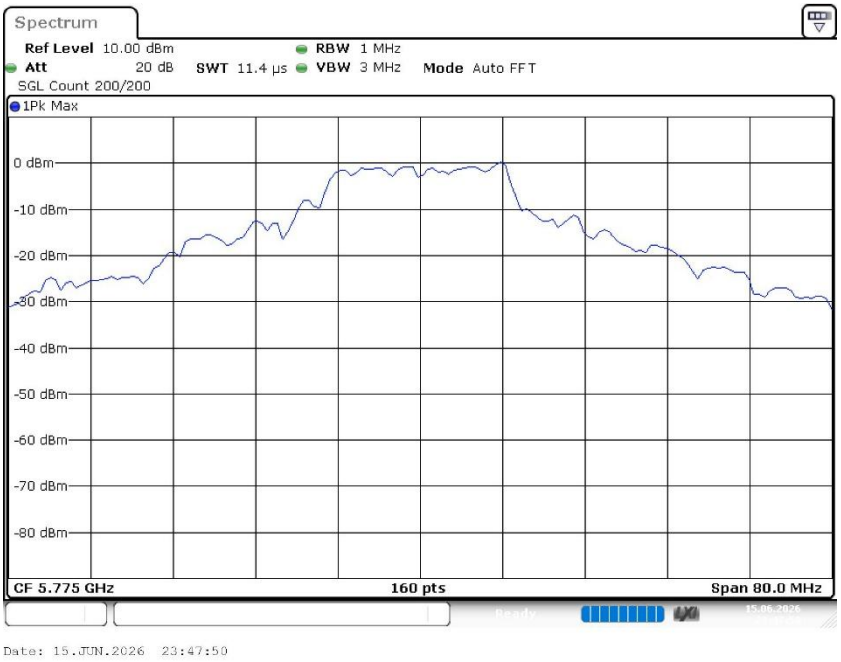
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	69.000000	---	---	5738.250000	5807.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	17.9	PASS



Bandwidth



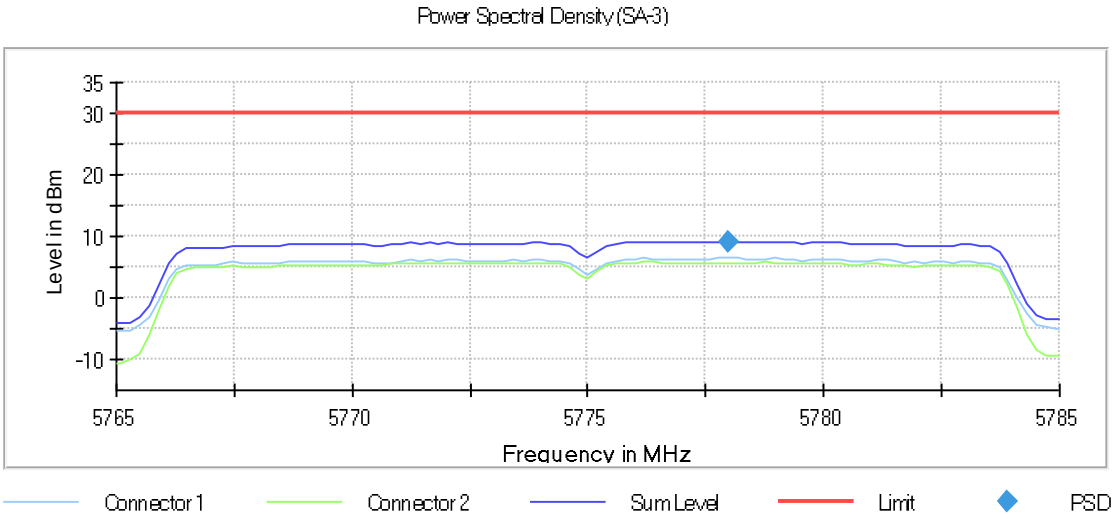
Power Spectral Density (SA-3) (5775 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5775.000000	5777.970297	9.213	30.0	PASS

Ports

Port	State
1	used
2	used

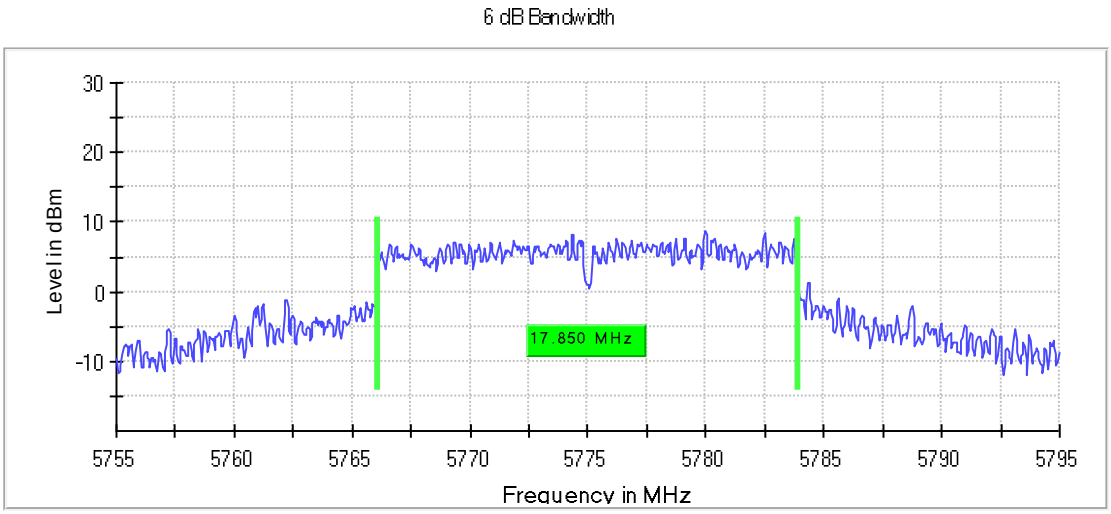


Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 20 MHz)

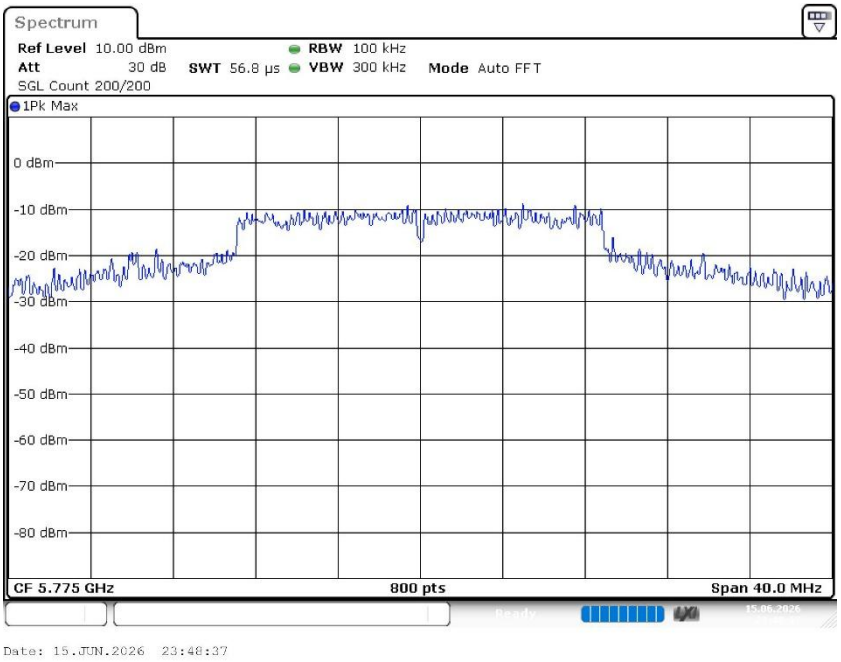
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	17.850000	0.500000	---	5766.075000	5783.925000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	8.8	PASS



Bandwidth

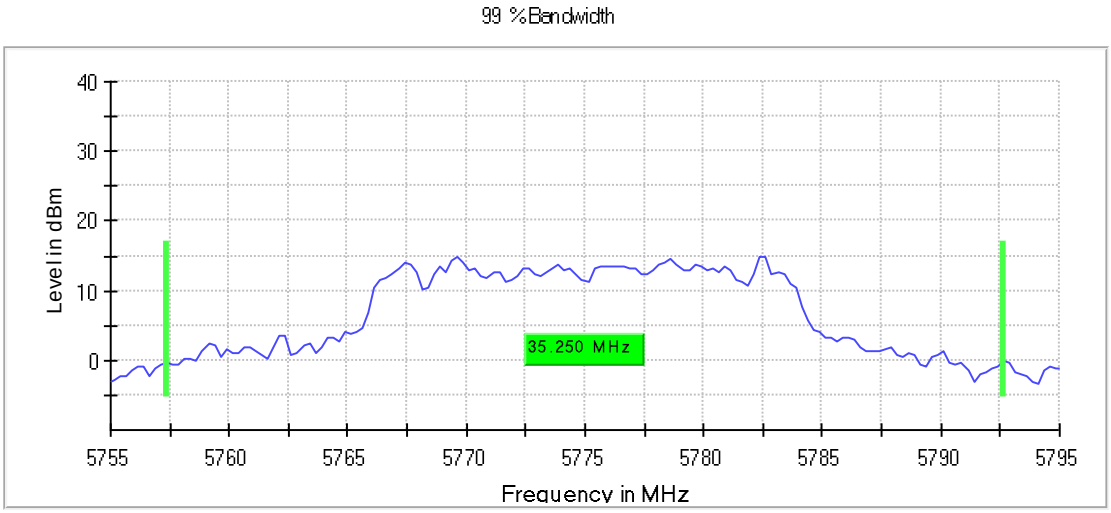


Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 20 MHz)

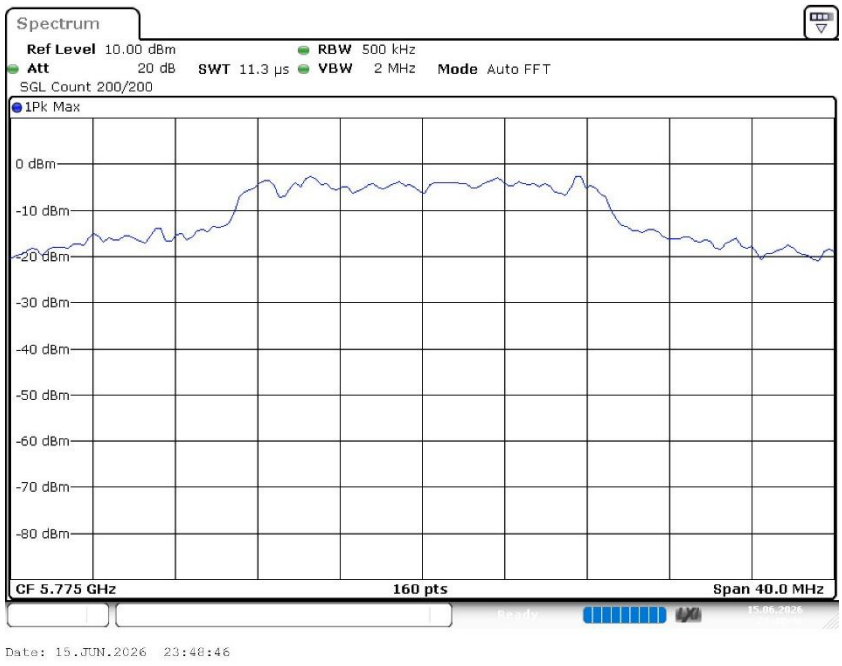
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	35.250000	---	---	5757.375000	5792.625000

DUT Frequency (MHz)	Result
5775.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

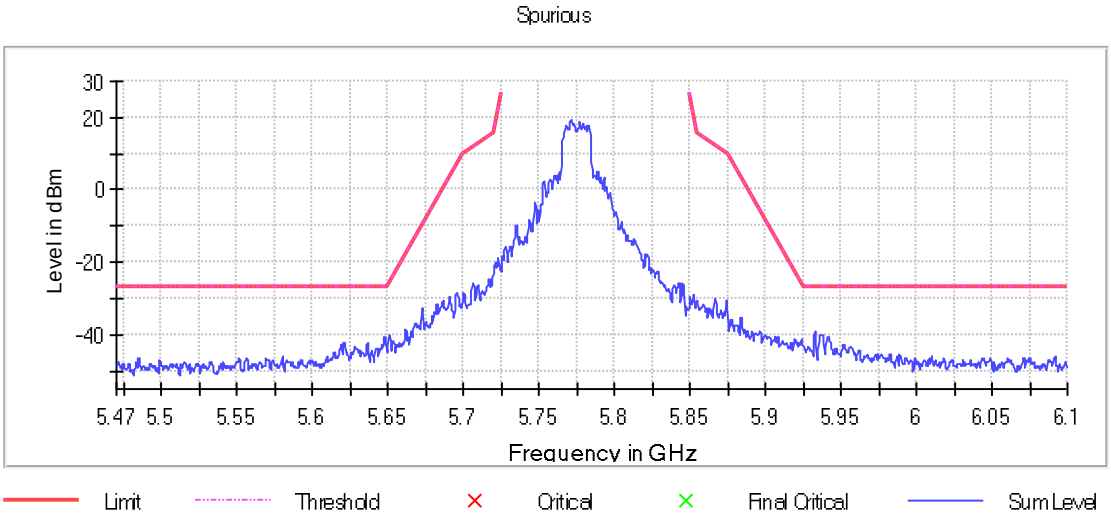
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5932.750000	-39.1	12.1	-27.0
5932.250000	-40.0	13.0	-27.0
5937.750000	-40.0	13.0	-27.0
5936.750000	-40.0	13.0	-27.0
5937.250000	-40.1	13.1	-27.0
5936.250000	-40.2	13.2	-27.0
5938.250000	-40.3	13.3	-27.0
5941.250000	-40.4	13.4	-27.0
5647.750000	-40.5	13.5	-27.0
5941.750000	-40.6	13.6	-27.0
5935.750000	-40.7	13.7	-27.0
5651.250000	-39.9	13.8	-26.1
5648.250000	-40.8	13.8	-27.0
5647.250000	-40.9	13.9	-27.0
5933.250000	-40.9	13.9	-27.0

Measurement Settings

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

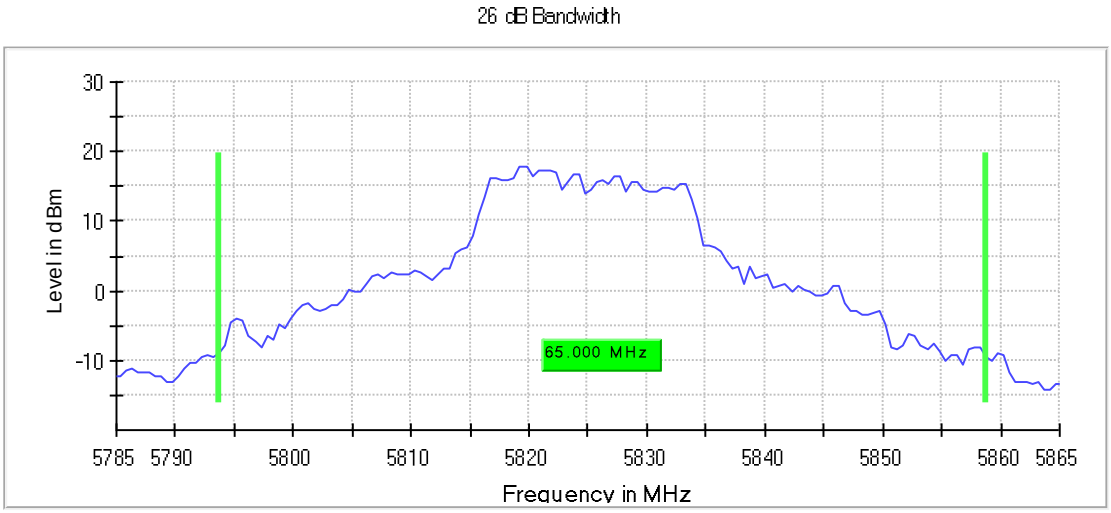


Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 20 MHz)

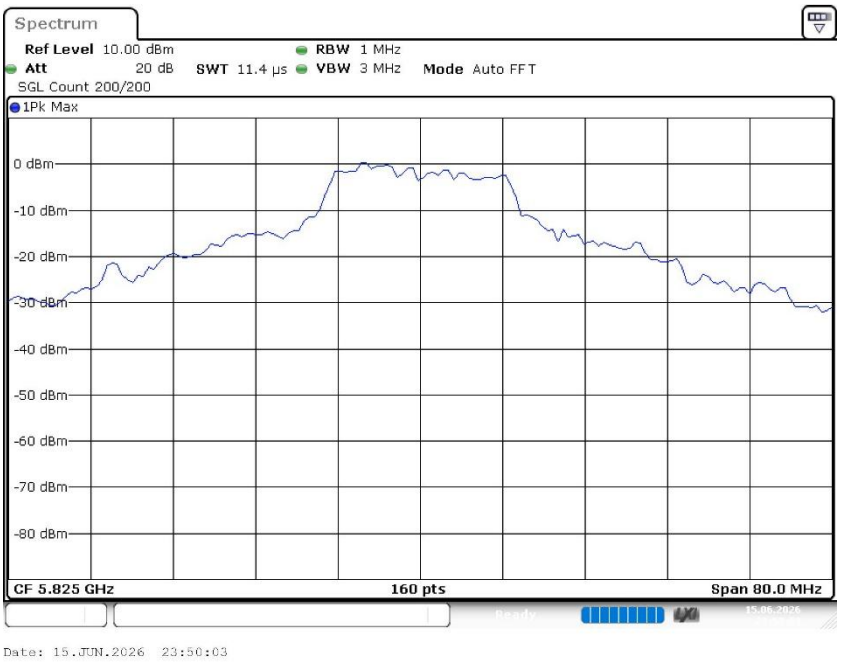
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	65.000000	---	---	5793.750000	5858.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	17.8	PASS



Bandwidth



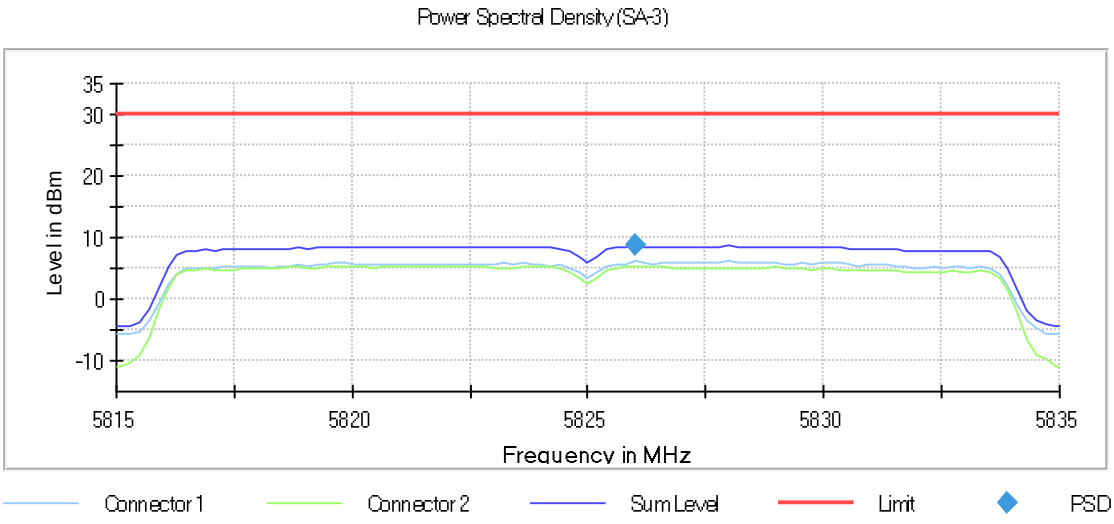
Power Spectral Density (SA-3) (5825 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5825.000000	5825.990099	8.761	30.0	PASS

Ports

Port	State
1	used
2	used

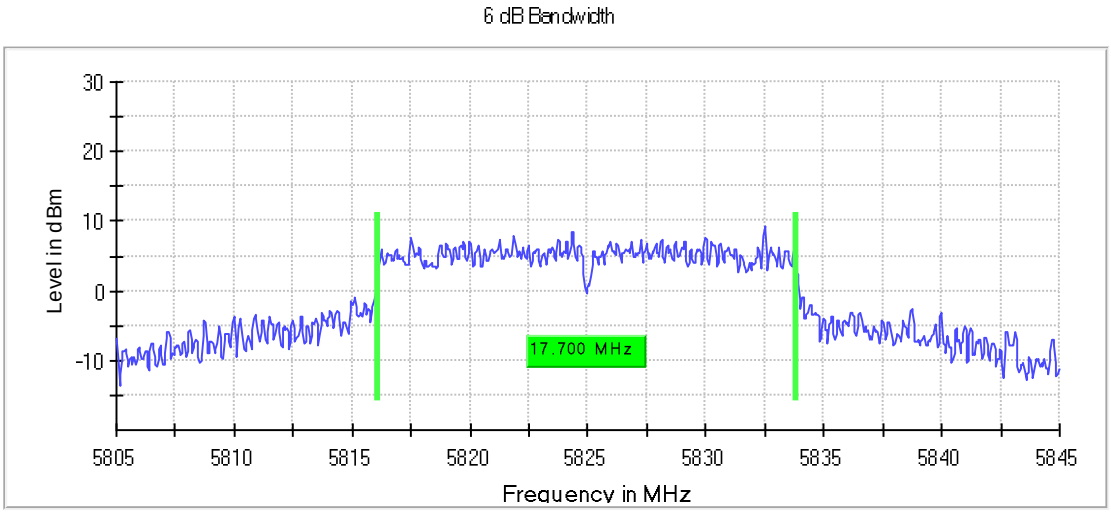


Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 20 MHz)

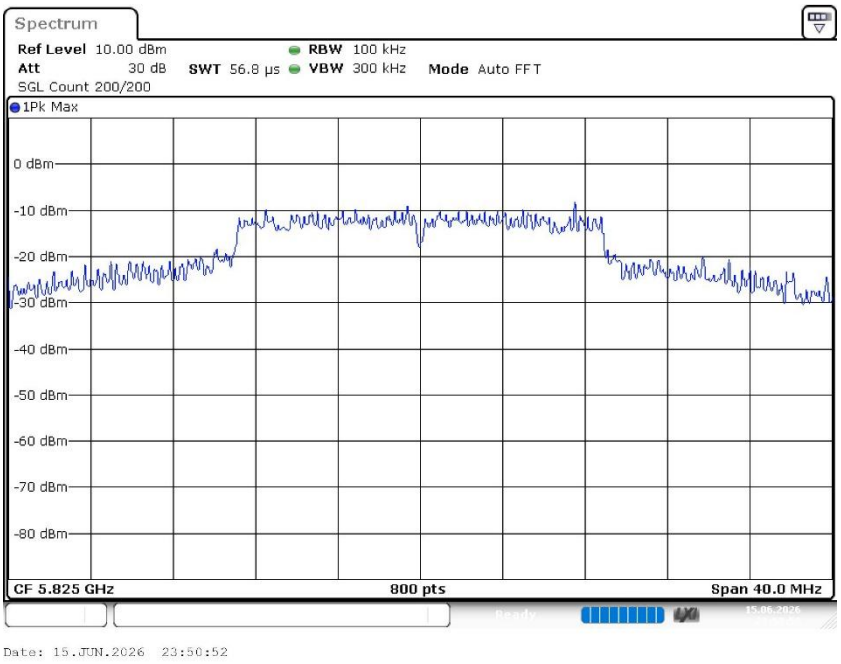
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	17.700000	0.500000	---	5816.125000	5833.825000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	9.3	PASS



Bandwidth

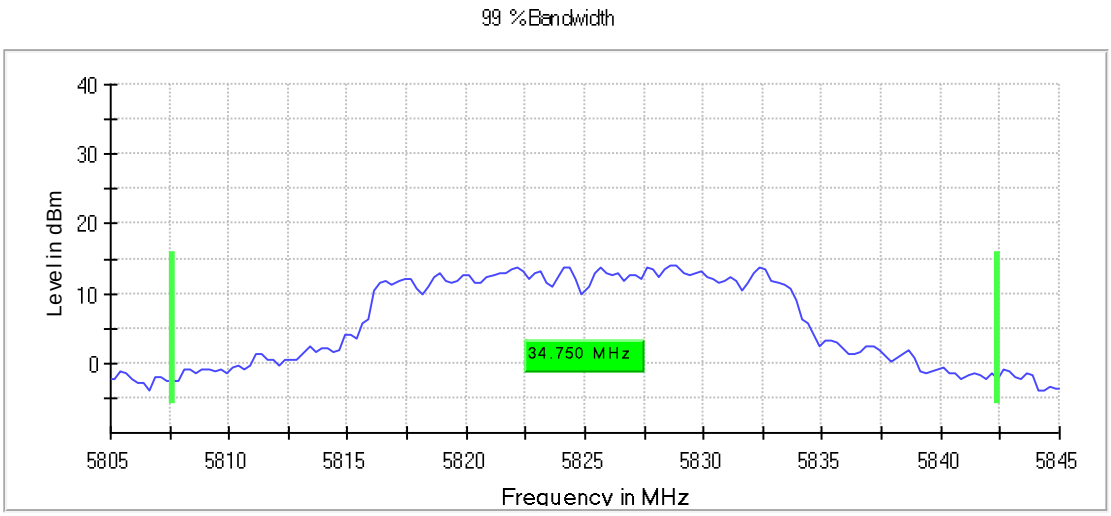


Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 20 MHz)

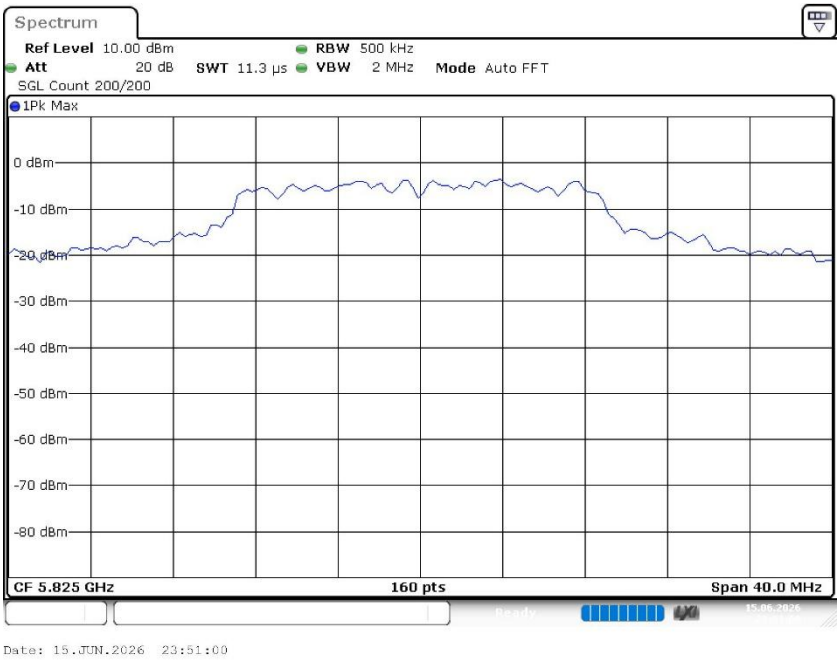
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	34.750000	---	---	5807.625000	5842.375000

DUT Frequency (MHz)	Result
5825.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Final measurements

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

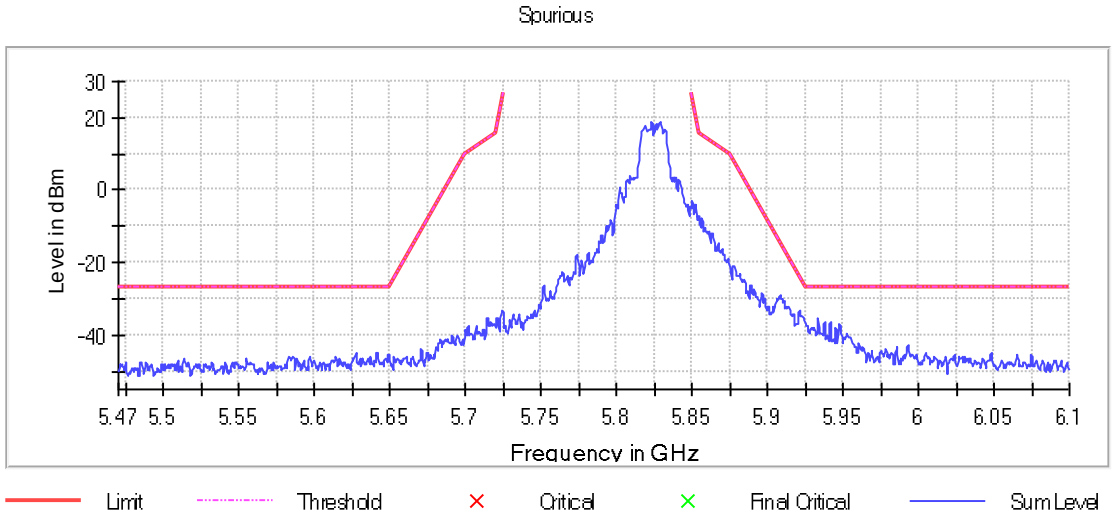
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5933.750000	-35.6	8.6	-27.0
5933.250000	-35.7	8.7	-27.0
5924.250000	-35.3	8.9	-26.4
5921.250000	-33.1	8.9	-24.2
5924.750000	-35.9	9.0	-26.8
5923.250000	-35.1	9.4	-25.7
5921.750000	-34.0	9.4	-24.6
5923.750000	-35.5	9.5	-26.1
5922.750000	-34.9	9.5	-25.3
5941.750000	-36.5	9.5	-27.0
5937.750000	-36.6	9.6	-27.0
5922.250000	-34.6	9.6	-25.0
5947.750000	-36.9	9.9	-27.0

5920.750000	-33.8	10.0	-23.9
5925.250000	-37.0	10.0	-27.0

Measurement Settings

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

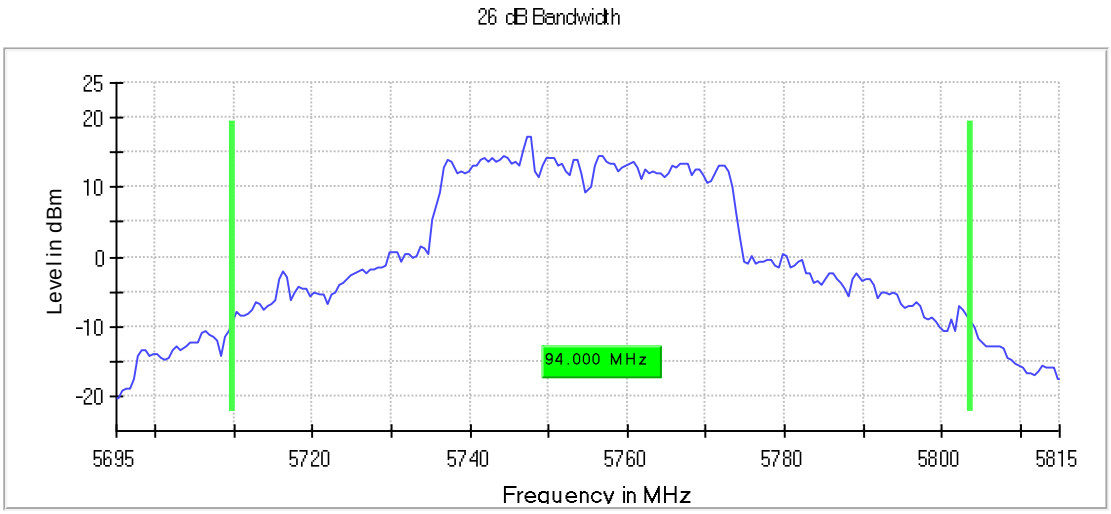


Emission Bandwidth 26 dB (5755 MHz; 24.000 dBm; 40 MHz)

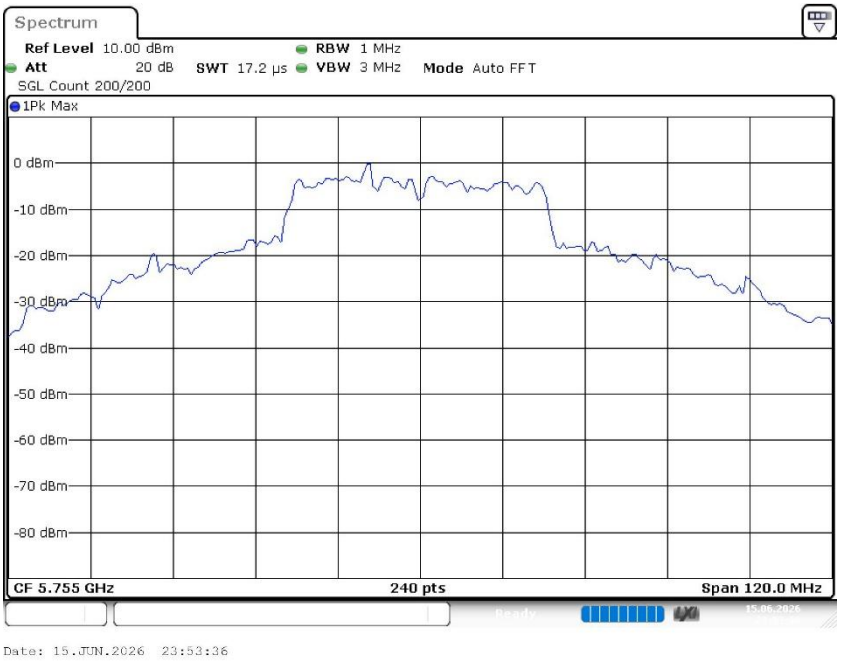
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	94.000000	---	---	5709.750000	5803.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5755.000000	17.3	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.69500 GHz	5.69500 GHz
Stop Frequency	5.81500 GHz	5.81500 GHz
Span	120.000 MHz	120.000 MHz
RBW	1.000 MHz	~ 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	240	~ 240
Sweeptime	17.156 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm

Attenuation	20.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

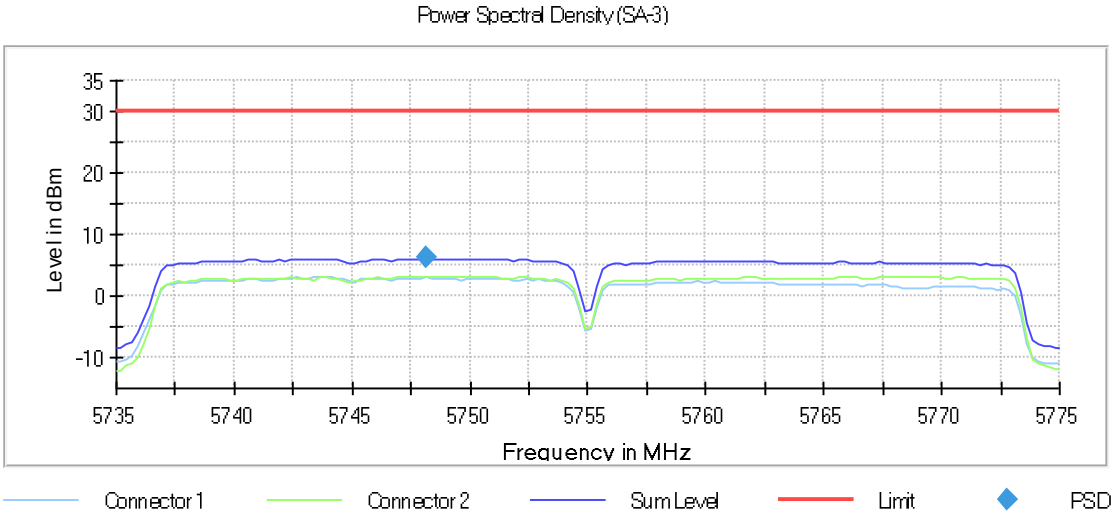
Power Spectral Density (SA-3) (5755 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5755.000000	5748.125000	6.109	30.0	PASS

Ports

Port	State
1	used
2	used

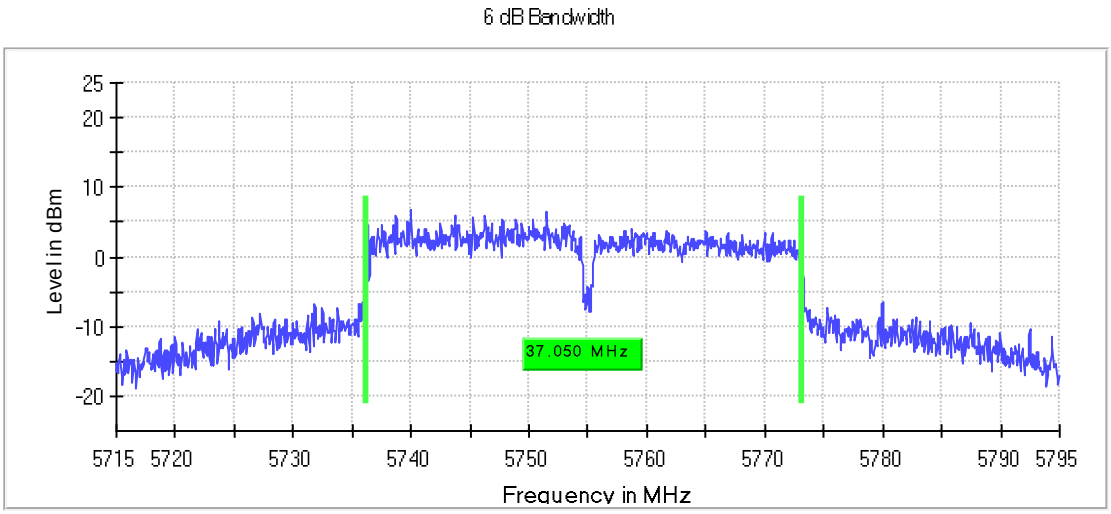


Minimum Emission Bandwidth 6 dB (5755 MHz; 24.000 dBm; 40 MHz)

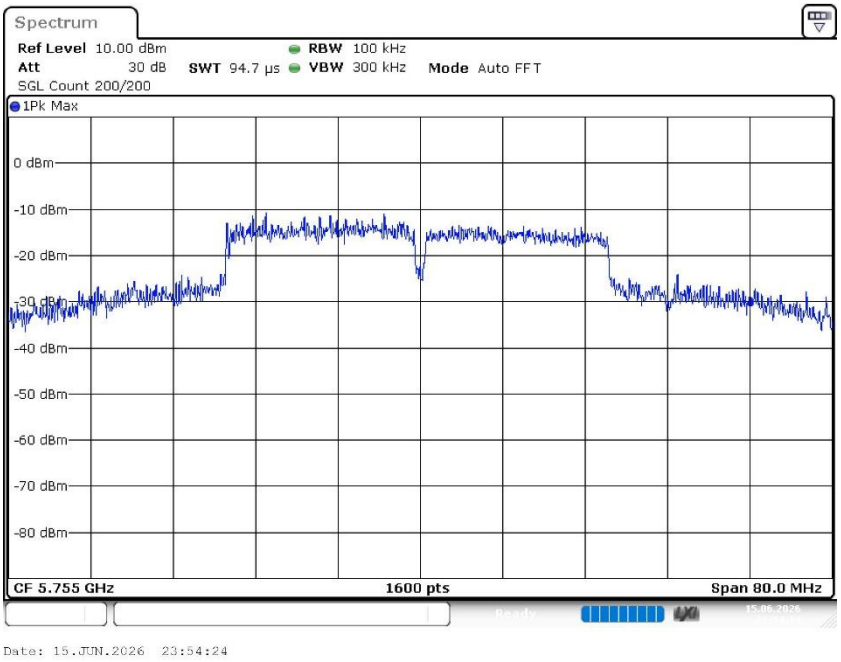
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	37.050000	0.500000	---	5736.125000	5773.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5755.000000	6.7	PASS



Bandwidth

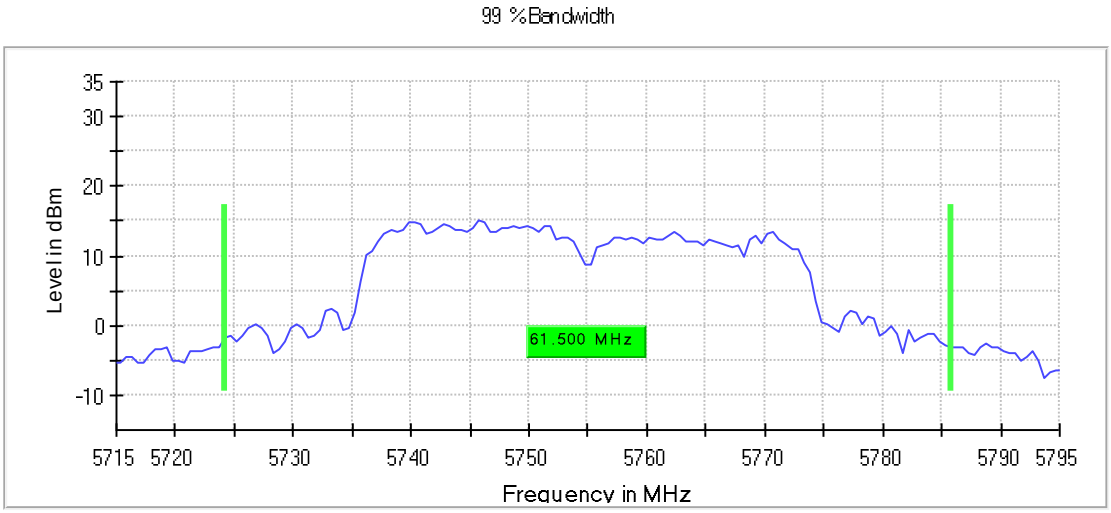


Occupied Channel Bandwidth 99% (5755 MHz; 24.000 dBm; 40 MHz)

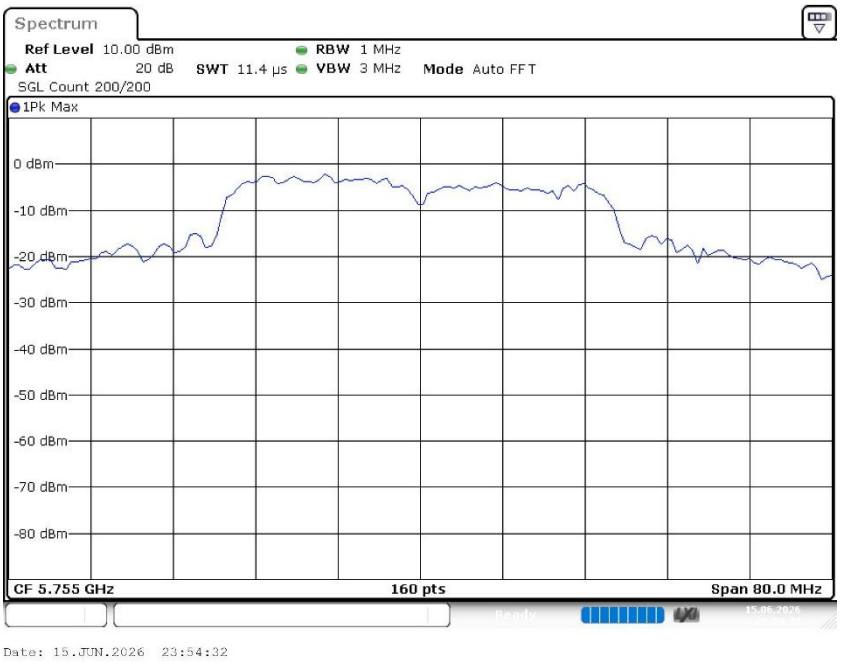
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5755.000000	61.500000	---	---	5724.250000	5785.750000

DUT Frequency (MHz)	Result
5755.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71500 GHz	5.71500 GHz
Stop Frequency	5.79500 GHz	5.79500 GHz
Span	80.000 MHz	80.000 MHz

RBW	1.000 MHz	~ 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	160	~ 160
Sweeptime	11.438 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

Result

DUT Frequency (MHz)	Result
5755.000000	PASS

Final measurements

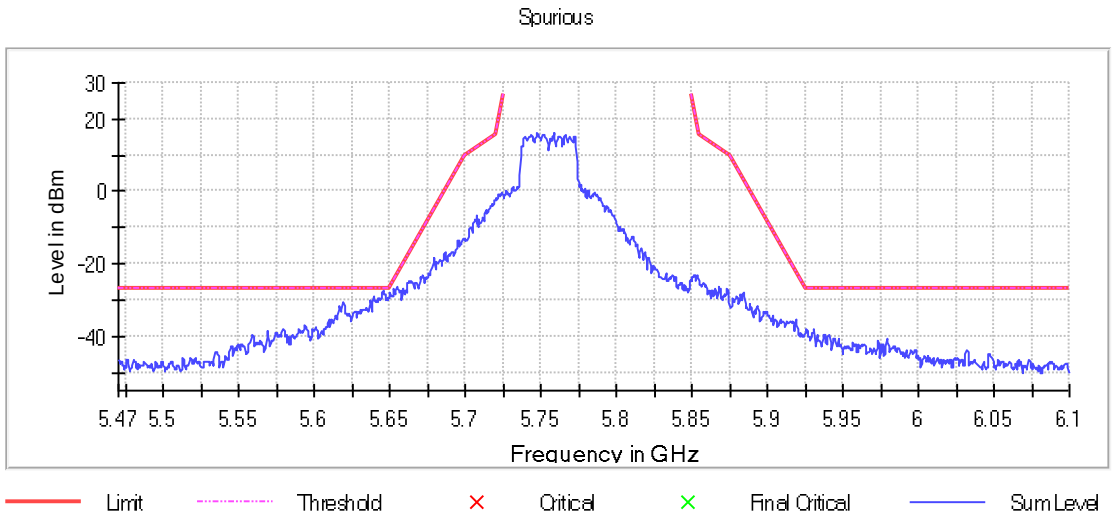
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5645.250000	-27.4	0.4	-27.0
5645.750000	-27.4	0.4	-27.0
5644.750000	-27.9	0.9	-27.0
5650.250000	-28.0	1.1	-26.8
5649.750000	-28.2	1.2	-27.0
5646.250000	-28.4	1.4	-27.0
5646.750000	-28.5	1.5	-27.0
5652.750000	-26.8	1.8	-25.0
5638.750000	-29.0	2.0	-27.0
5644.250000	-29.2	2.2	-27.0
5649.250000	-29.3	2.3	-27.0
5642.750000	-29.4	2.4	-27.0
5654.250000	-26.2	2.4	-23.9
5639.250000	-29.5	2.5	-27.0
5643.250000	-29.6	2.6	-27.0

Measurement Settings

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

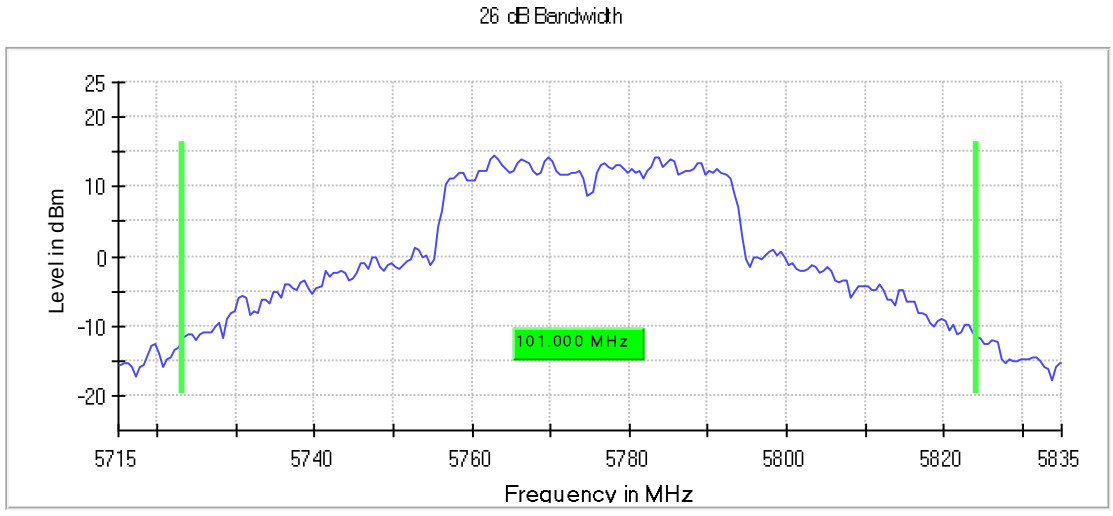


Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 40 MHz)

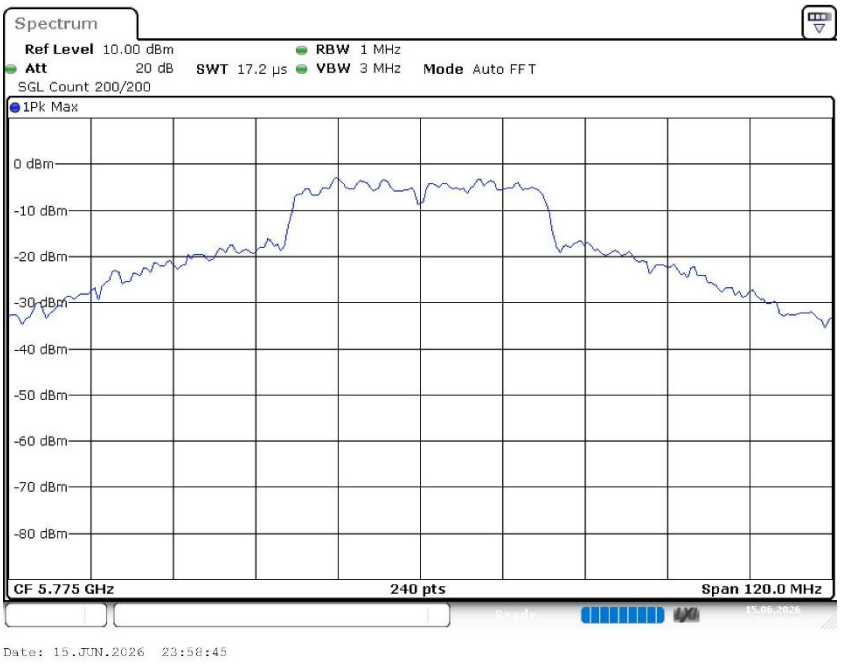
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	101.000000	---	---	5723.250000	5824.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	14.5	PASS



Bandwidth



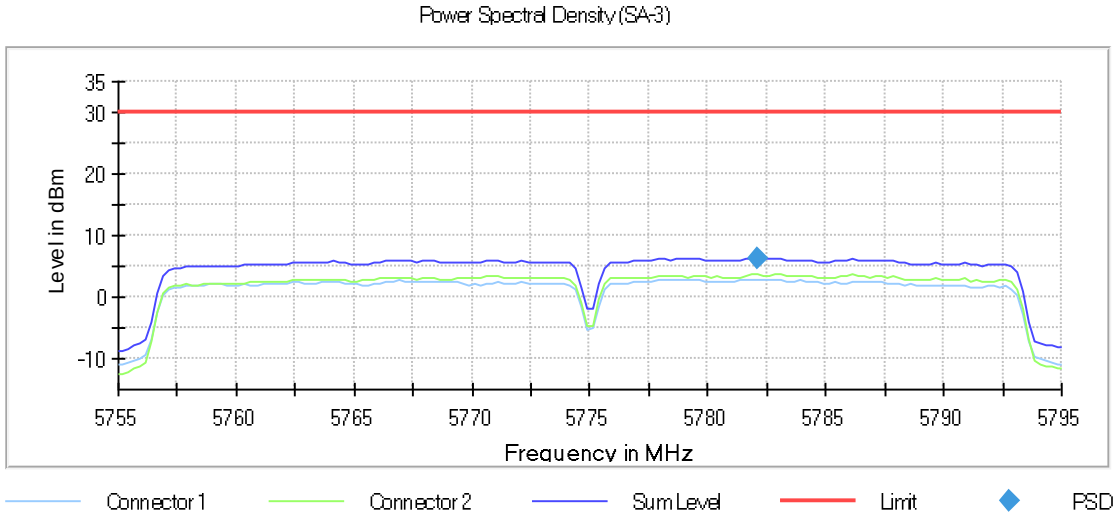
Power Spectral Density (SA-3) (5775 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5775.000000	5782.125000	6.327	30.0	PASS

Ports

Port	State
1	used
2	used

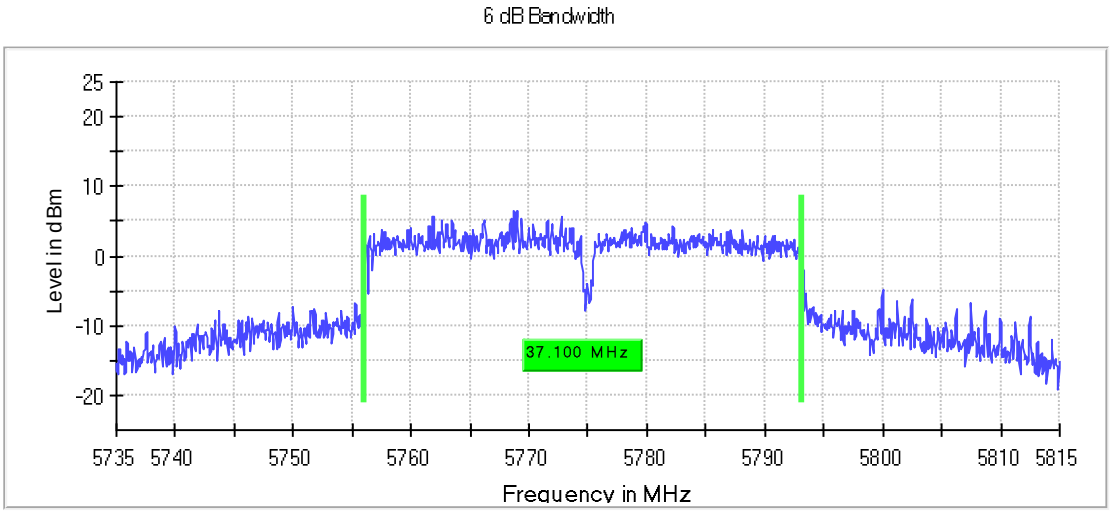


Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 40 MHz)

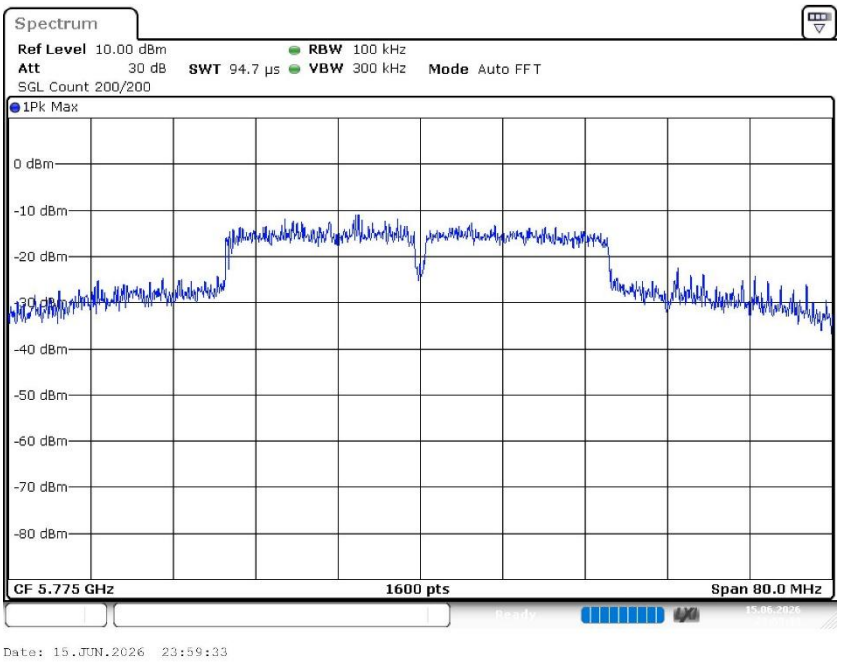
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	37.100000	0.500000	---	5756.075000	5793.175000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	6.6	PASS



Bandwidth

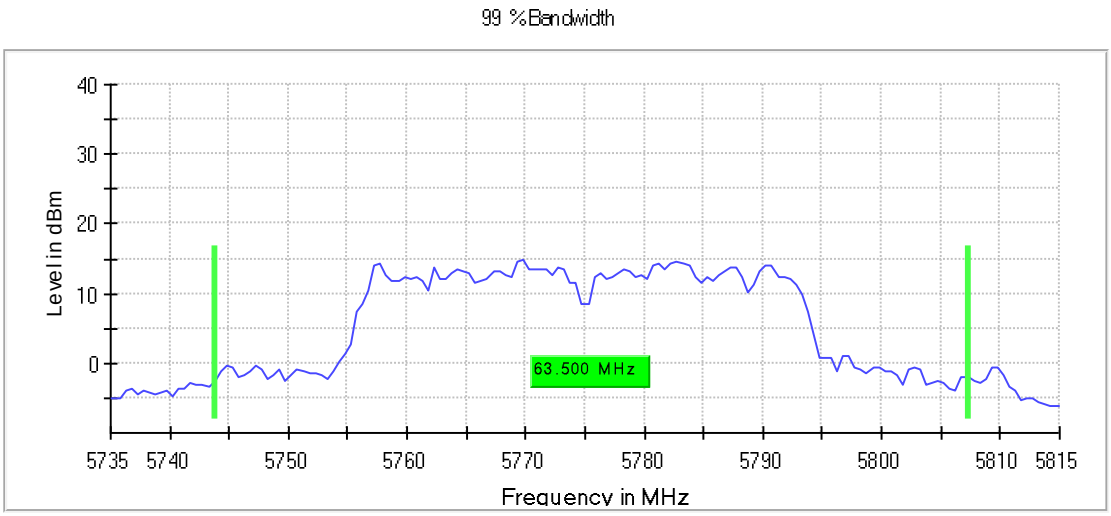


Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 40 MHz)

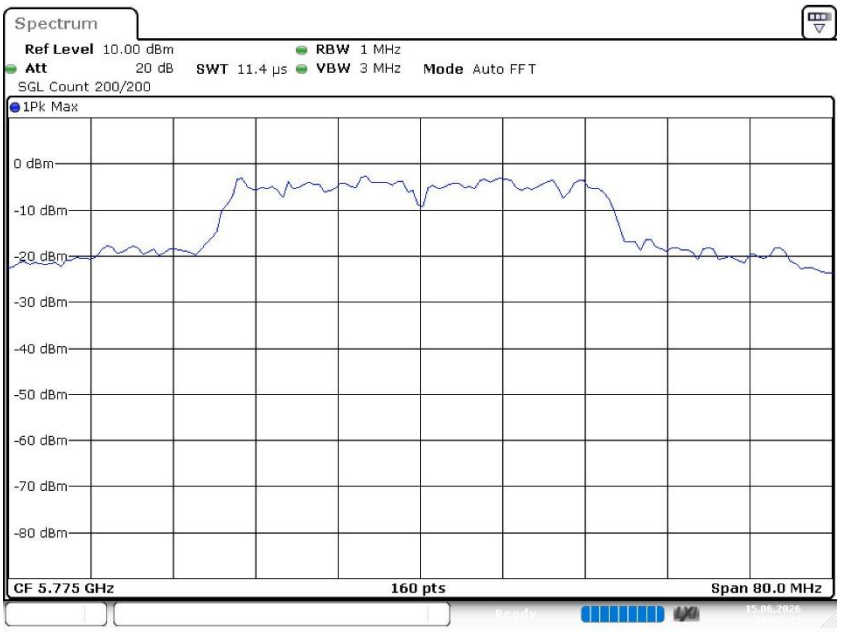
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	63.500000	---	---	5743.750000	5807.250000

DUT Frequency (MHz)	Result
5775.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

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

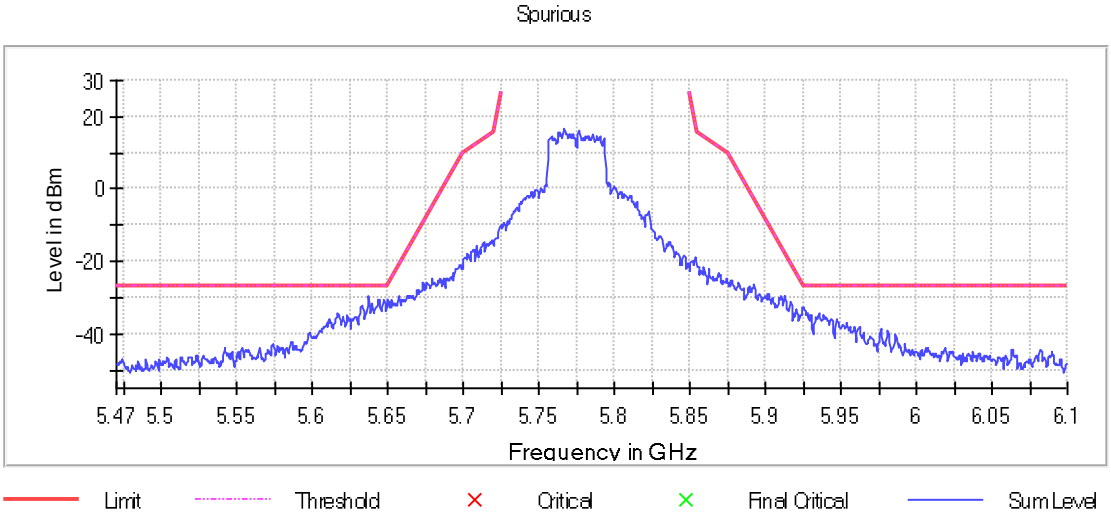
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5637.250000	-29.6	2.6	-27.0
5636.750000	-29.8	2.8	-27.0
5643.750000	-30.4	3.4	-27.0
5649.750000	-30.6	3.6	-27.0
5647.250000	-30.6	3.6	-27.0
5644.250000	-30.8	3.8	-27.0
5643.250000	-31.0	4.0	-27.0
5650.250000	-30.8	4.0	-26.8
5646.750000	-31.2	4.2	-27.0
5647.750000	-31.5	4.5	-27.0
5650.750000	-31.0	4.6	-26.4
5639.250000	-31.8	4.8	-27.0
5649.250000	-32.0	5.0	-27.0
5639.750000	-32.1	5.1	-27.0

5636.250000	-32.2	5.2	-27.0

Measurement Settings

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

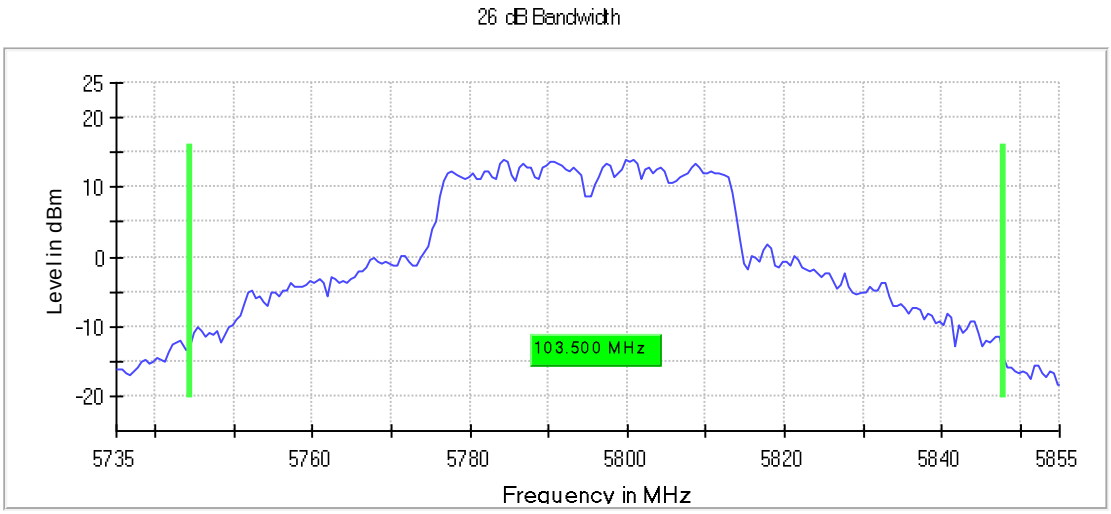


Emission Bandwidth 26 dB (5795 MHz; 24.000 dBm; 40 MHz)

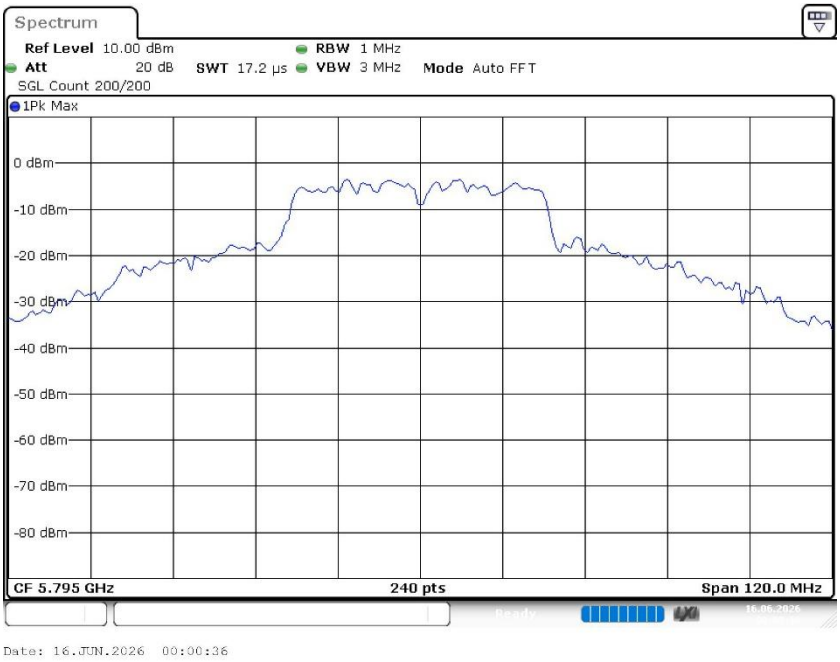
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	103.500000	---	---	5744.250000	5847.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5795.000000	14.1	PASS



Bandwidth



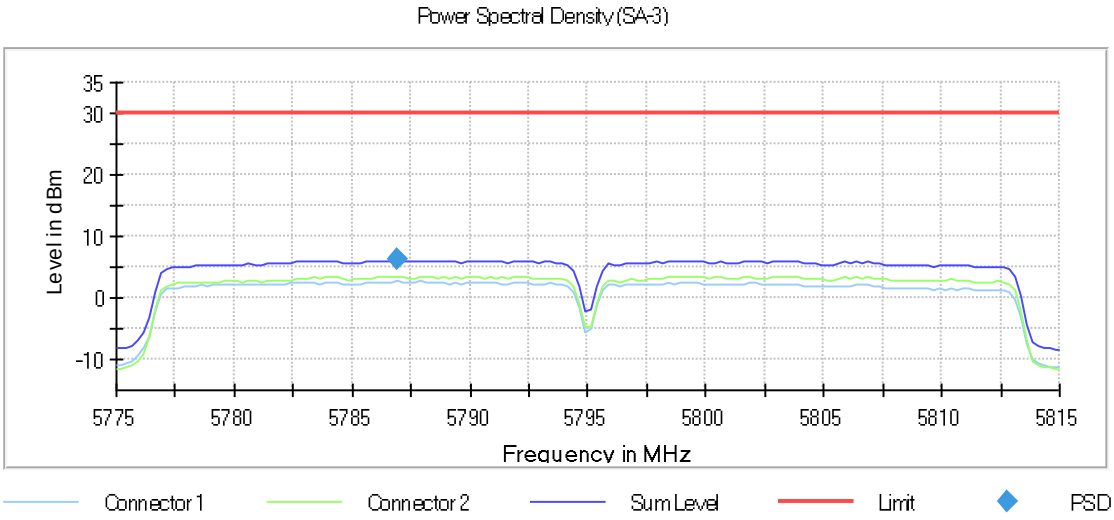
Power Spectral Density (SA-3) (5795 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5795.000000	5786.875000	6.137	30.0	PASS

Ports

Port	State
1	used
2	used

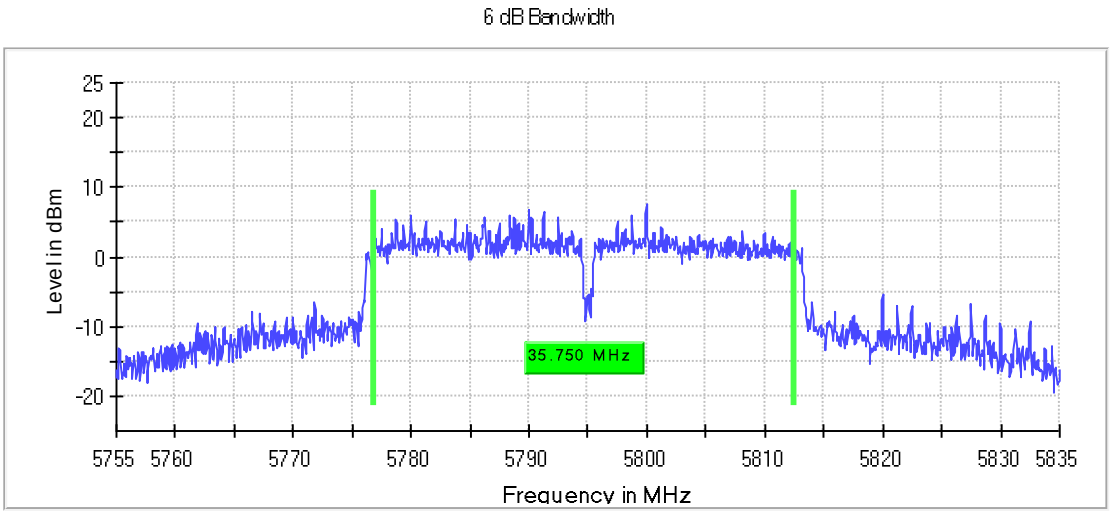


Minimum Emission Bandwidth 6 dB (5795 MHz; 24.000 dBm; 40 MHz)

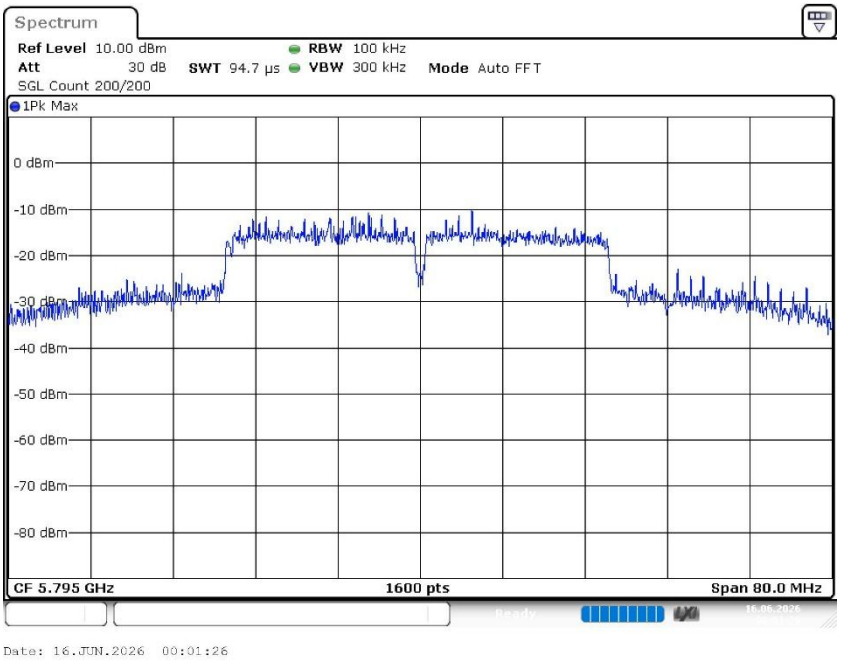
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	35.750000	0.500000	---	5776.825000	5812.575000

DUT Frequency (MHz)	Max Level (dBm)	Result
5795.000000	7.5	PASS



Bandwidth

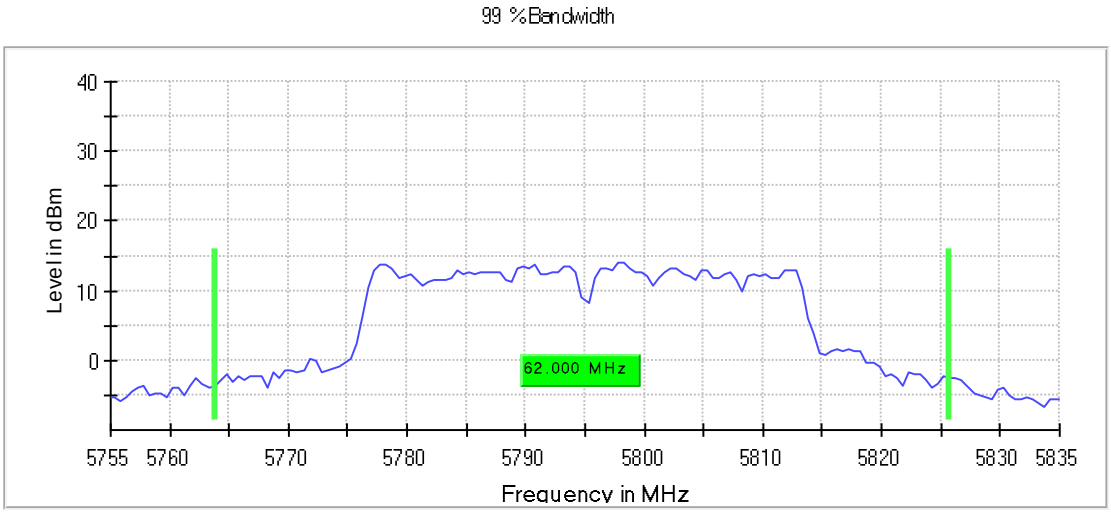


Occupied Channel Bandwidth 99% (5795 MHz; 24.000 dBm; 40 MHz)

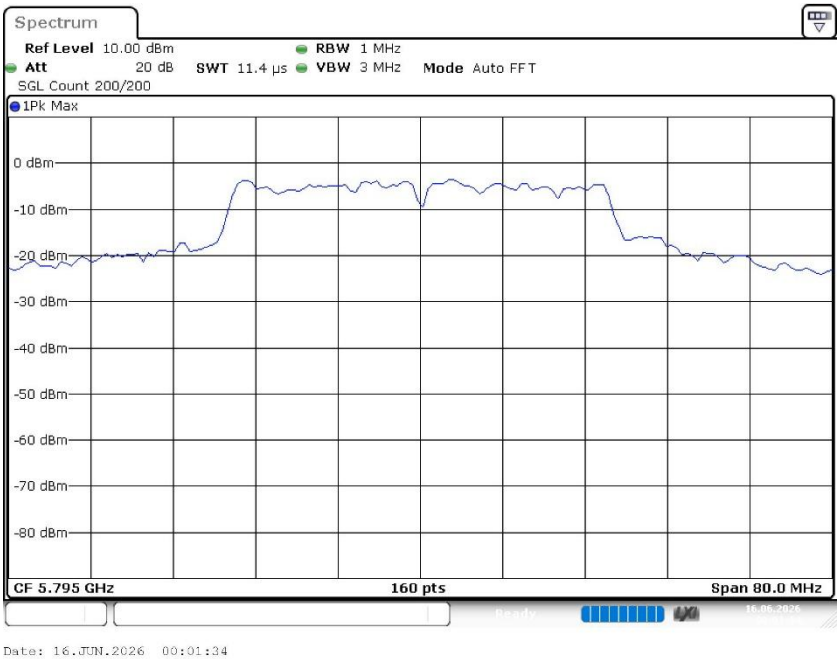
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5795.000000	62.000000	---	---	5763.750000	5825.750000

DUT Frequency (MHz)	Result
5795.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result

5795.000000	PASS

Final measurements

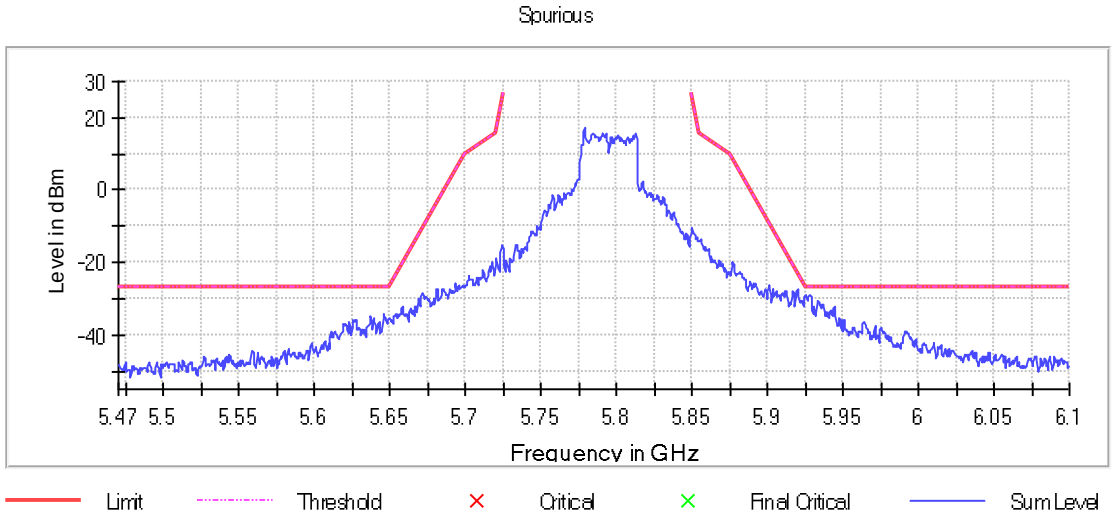
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5928.250000	-29.0	2.0	-27.0
5925.250000	-29.1	2.1	-27.0
5927.750000	-29.2	2.2	-27.0
5928.750000	-29.3	2.3	-27.0
5927.250000	-29.5	2.5	-27.0
5925.750000	-29.6	2.6	-27.0
5924.750000	-29.6	2.8	-26.8
5926.750000	-30.4	3.4	-27.0
5926.250000	-30.5	3.5	-27.0
5933.750000	-30.5	3.5	-27.0
5929.250000	-30.8	3.8	-27.0
5933.250000	-31.0	4.0	-27.0
5934.250000	-31.3	4.3	-27.0
5932.750000	-31.3	4.3	-27.0
5934.750000	-31.4	4.4	-27.0

Measurement Settings

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

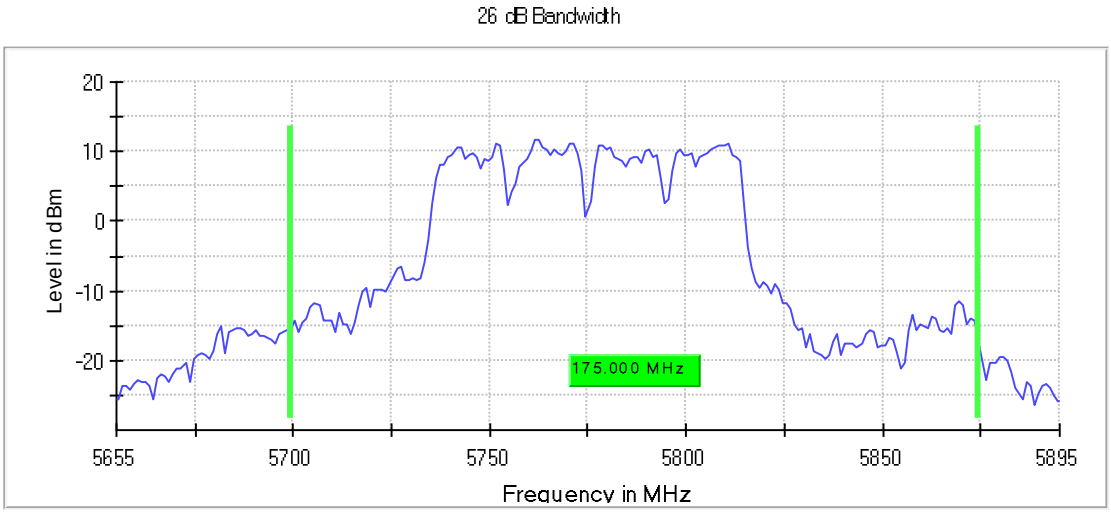


Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 80 MHz)

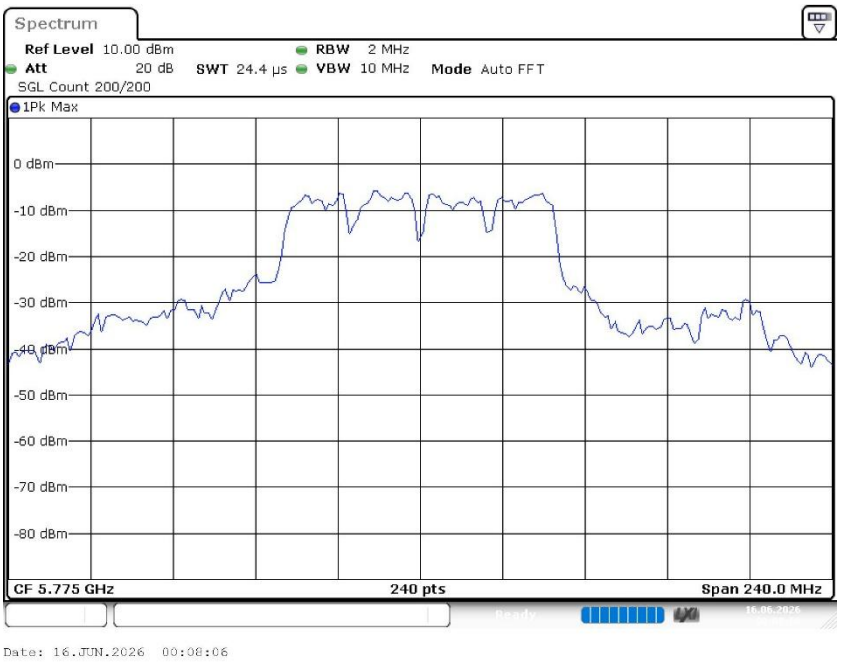
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	175.000000	---	---	5699.500000	5874.500000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	11.7	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.65500 GHz	5.65500 GHz
Stop Frequency	5.89500 GHz	5.89500 GHz
Span	240.000 MHz	240.000 MHz
RBW	2.000 MHz	~ 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	240	~ 240
Sweeptime	24.375 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

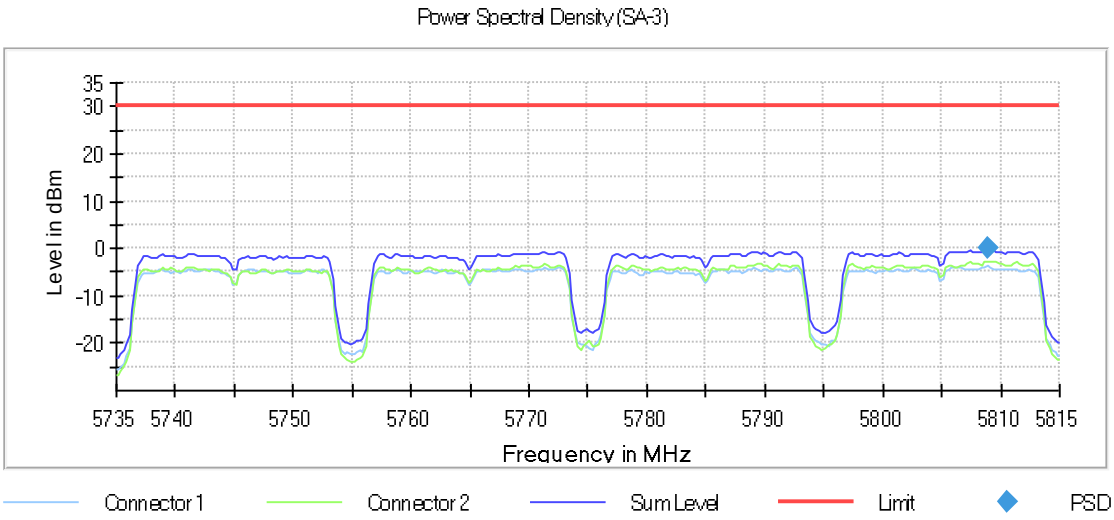
Power Spectral Density (SA-3) (5775 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5775.000000	5808.875000	-0.109	30.0	PASS

Ports

Port	State
1	used
2	used

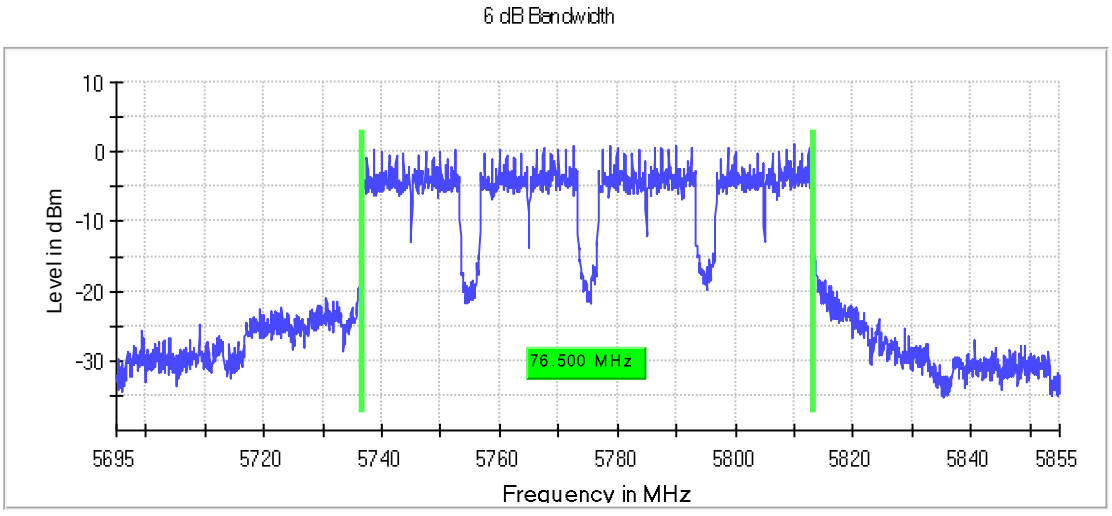


Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 80 MHz)

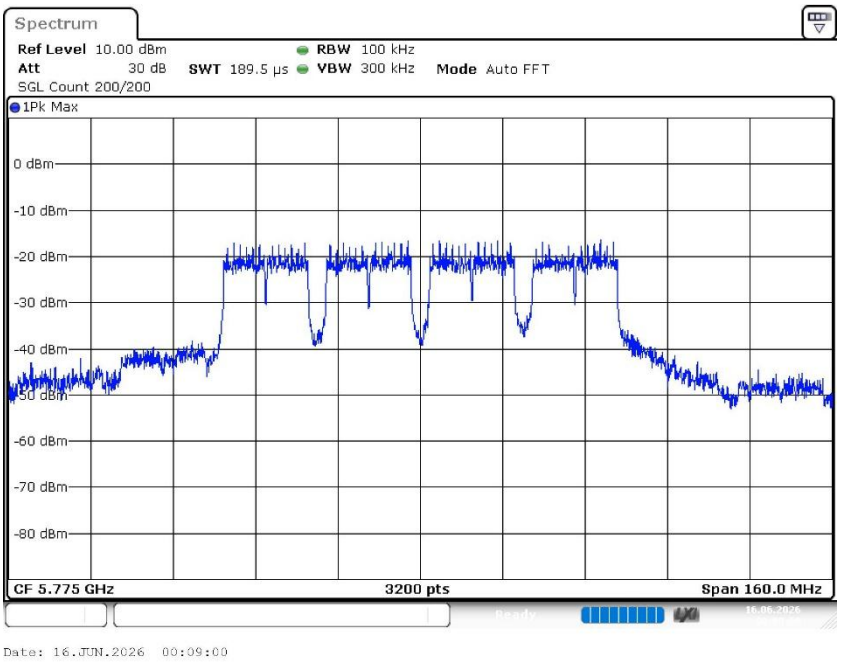
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	76.500000	0.500000	---	5736.725000	5813.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5775.000000	1.1	PASS



Bandwidth

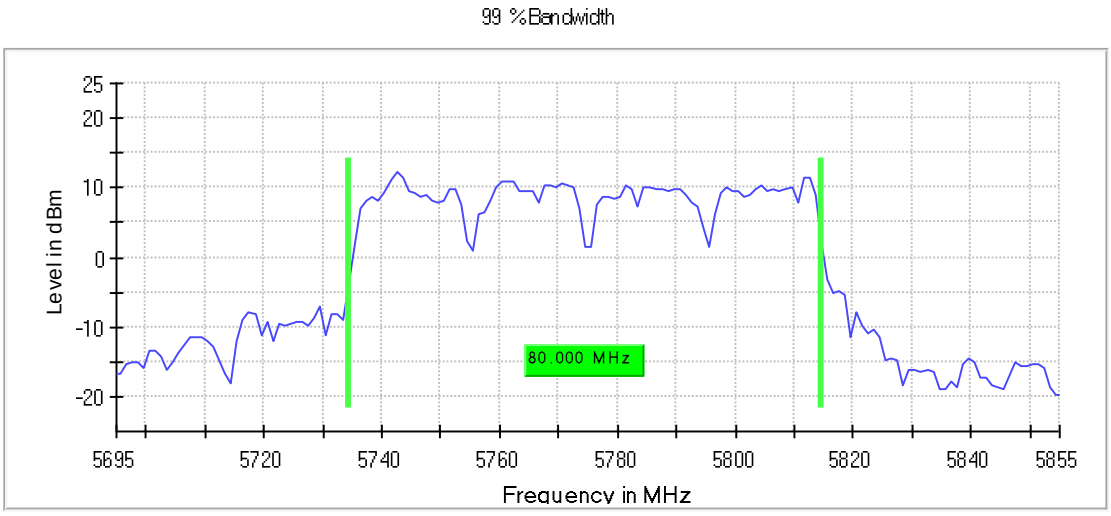


Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 80 MHz)

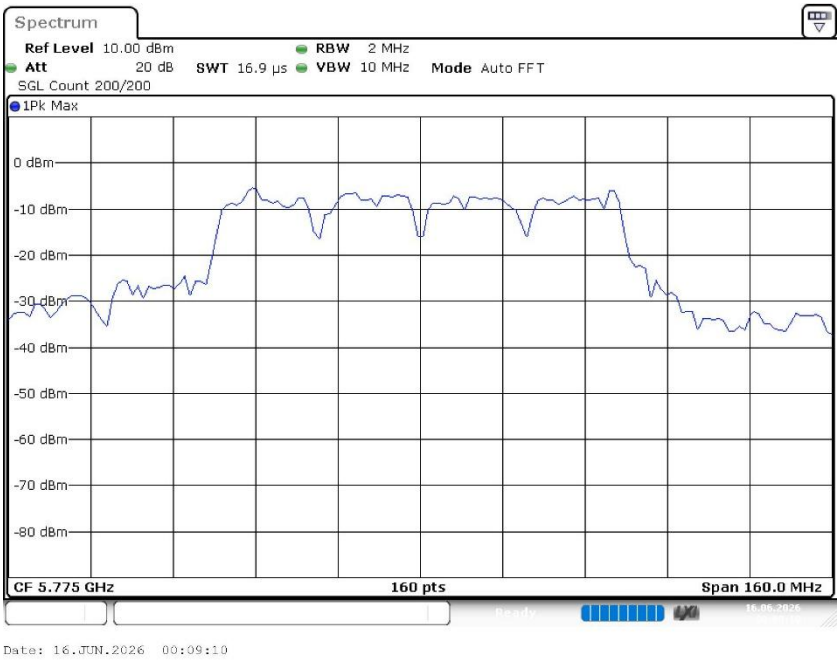
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5775.000000	80.000000	---	---	5734.500000	5814.500000

DUT Frequency (MHz)	Result
5775.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.69500 GHz	5.69500 GHz
Stop Frequency	5.85500 GHz	5.85500 GHz
Span	160.000 MHz	160.000 MHz
RBW	2.000 MHz	~ 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	160	~ 160
Sweeptime	16.875 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

Result

DUT Frequency (MHz)	Result
5775.000000	PASS

Final measurements

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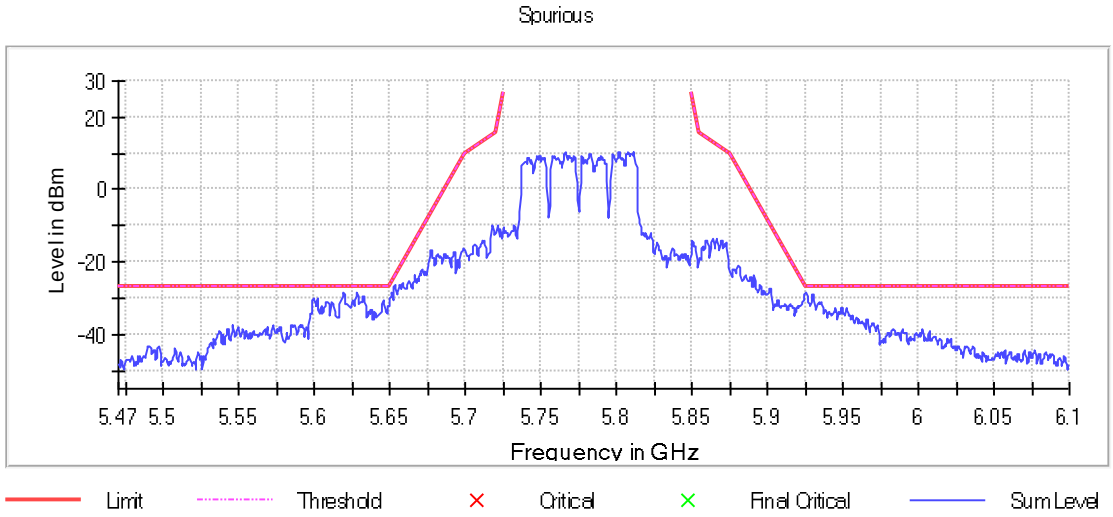
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5619.250000	-28.2	1.2	-27.0
5627.750000	-28.3	1.3	-27.0
5925.250000	-28.4	1.4	-27.0
5925.750000	-28.4	1.4	-27.0
5628.250000	-28.5	1.5	-27.0
5652.750000	-26.7	1.7	-25.0
5619.750000	-28.8	1.8	-27.0
5653.250000	-26.6	2.0	-24.6
5924.750000	-28.9	2.0	-26.8
5930.250000	-29.1	2.1	-27.0
5929.750000	-29.2	2.2	-27.0
5926.250000	-29.3	2.3	-27.0
5627.250000	-29.3	2.3	-27.0
5628.750000	-29.4	2.4	-27.0
5618.750000	-29.4	2.4	-27.0

Measurement Settings

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



-- End of Report--