



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-WAVEPC
ISED ID	6545A-WAVEPC
Equipment Under Test	Wave-Pico
Test Report Serial Number	TR8606_01
Date of Test	17 January 2024
Report Issue Date	17 January 2024

Test Personnel

Testing performed by	Tyler Parry
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Test Location

Testing was performed at the Unified Compliance Laboratory located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2024. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until 30 June 2024. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



1 UNII-3 Band 99% Bandwidth

1.1 Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5740.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5740.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5790.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5835.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5835.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5750.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5750.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5790.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5825.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5825.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5770.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5770.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5790.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5790.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5805.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5805.000	24.0	80.000000	PASS

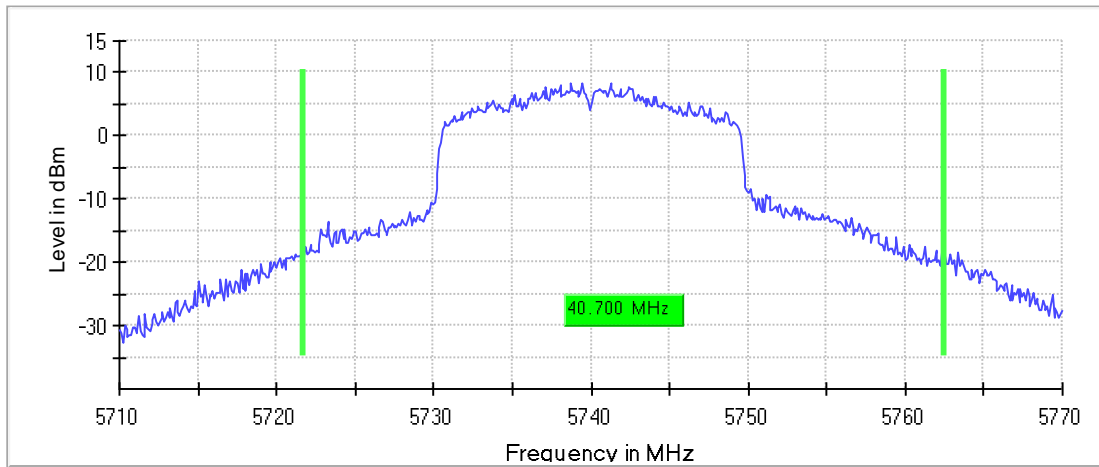
Emission Bandwidth 26 dB (5740 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

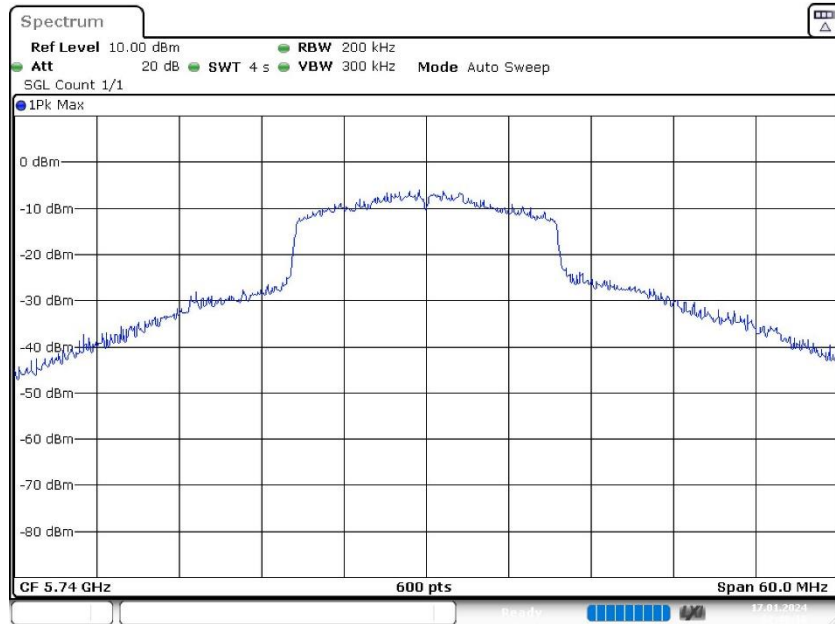
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	40.700000	---	---	5721.750000	5762.450000

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

26 dB Bandwidth



Bandwidth



Date: 17.JAN.2024 02:48:10

Measurement

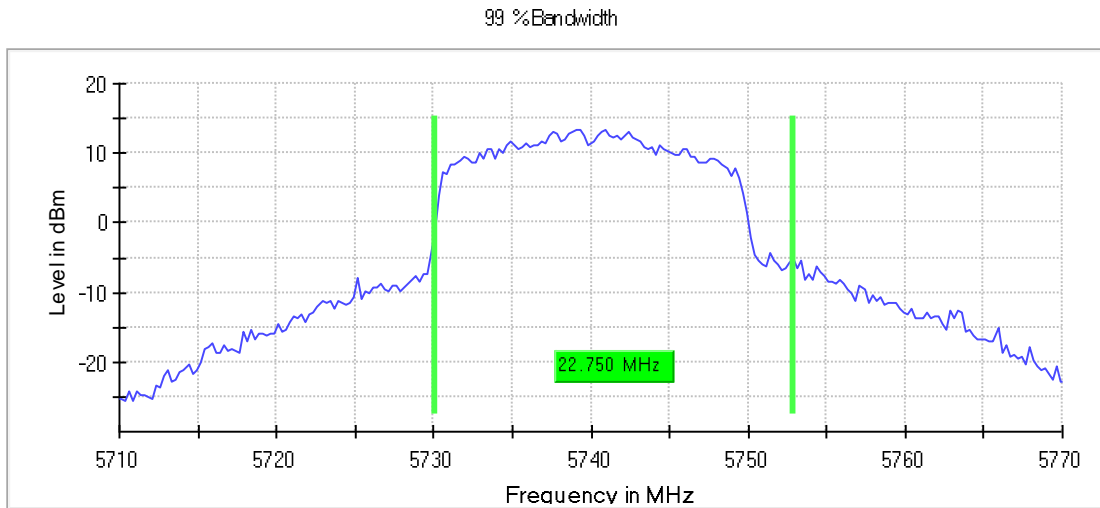
Setting	Instrument Value	Target Value
Start Frequency	5.71000 GHz	5.71000 GHz
Stop Frequency	5.77000 GHz	5.77000 GHz
Span	60.000 MHz	60.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	300.000 kHz	>= 240.000 kHz
SweepPoints	600	~ 600
Sweeptime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

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

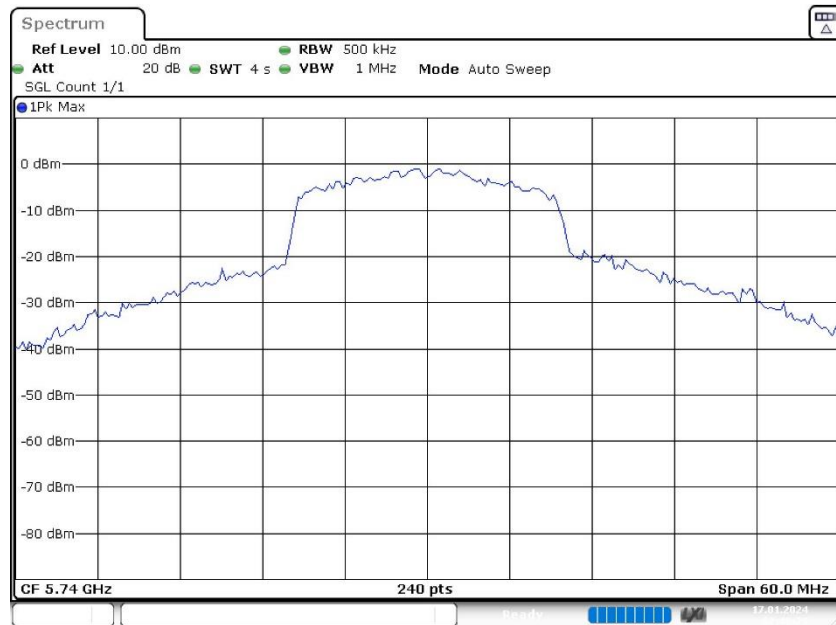
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5740.000000	22.750000	---	---	5730.125000	5752.875000

DUT Frequency (MHz)	Result
5740.000000	PASS



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	500.000 kHz	>= 400.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	240	~ 240

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

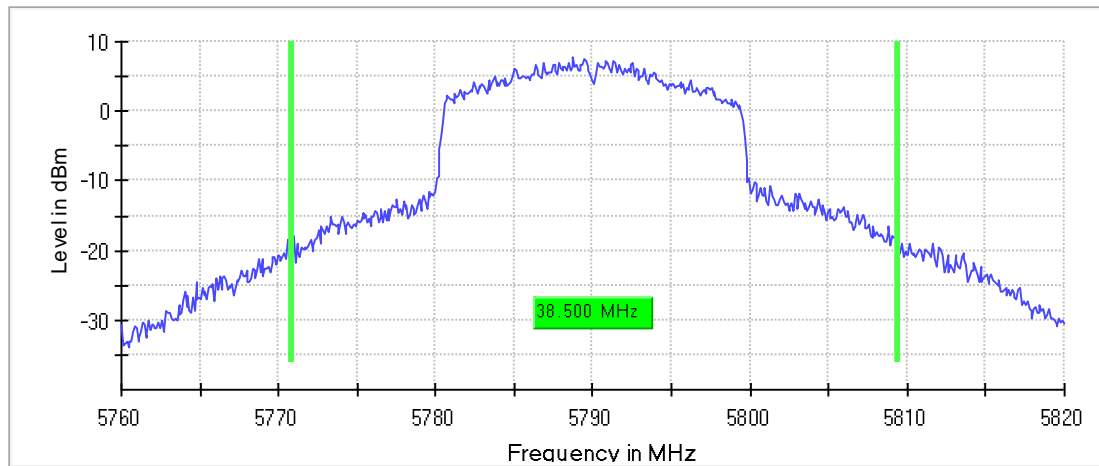
Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

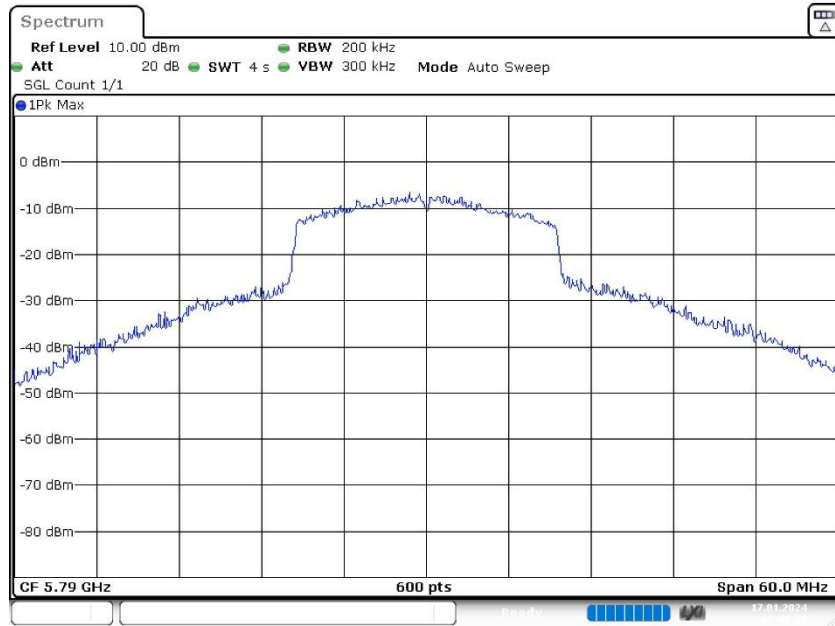
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	38.500000	---	---	5770.850000	5809.350000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	7.9	PASS

26 dB Bandwidth



Bandwidth



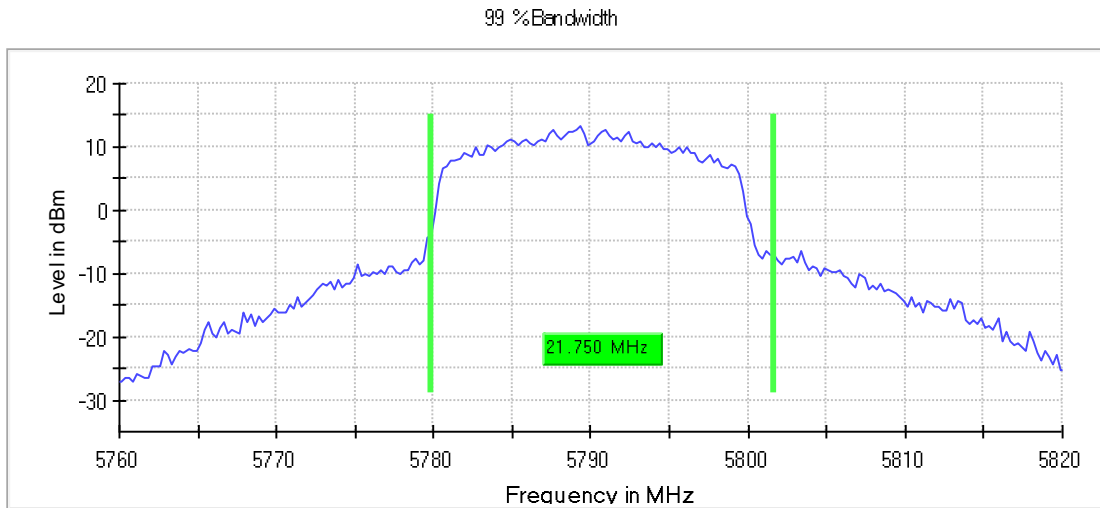
Date: 17.JAN.2024 02:49:33

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

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	21.750000	---	---	5779.875000	5801.625000

DUT Frequency (MHz)	Result
5790.000000	PASS



Bandwidth



Date: 17.JAN.2024 02:49:45

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	500.000 kHz	>= 400.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	240	~ 240

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

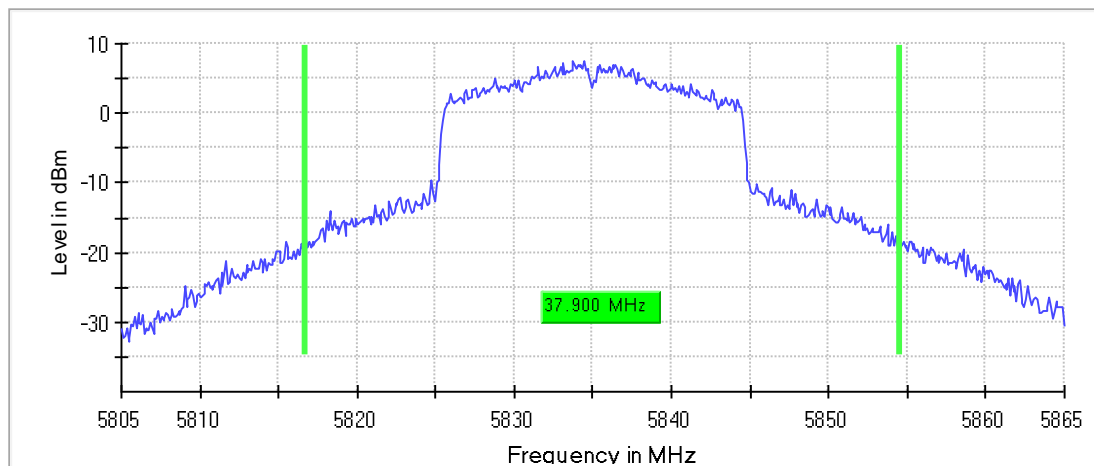
Emission Bandwidth 26 dB (5835 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

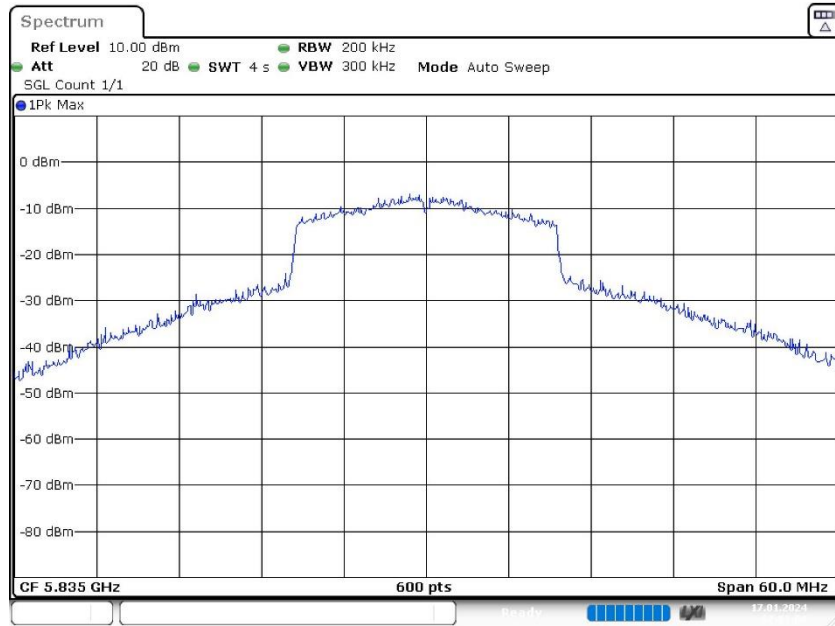
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	37.900000	---	---	5816.650000	5854.550000

DUT Frequency (MHz)	Max Level (dBm)	Result
5835.000000	7.6	PASS

26 dB Bandwidth



Bandwidth



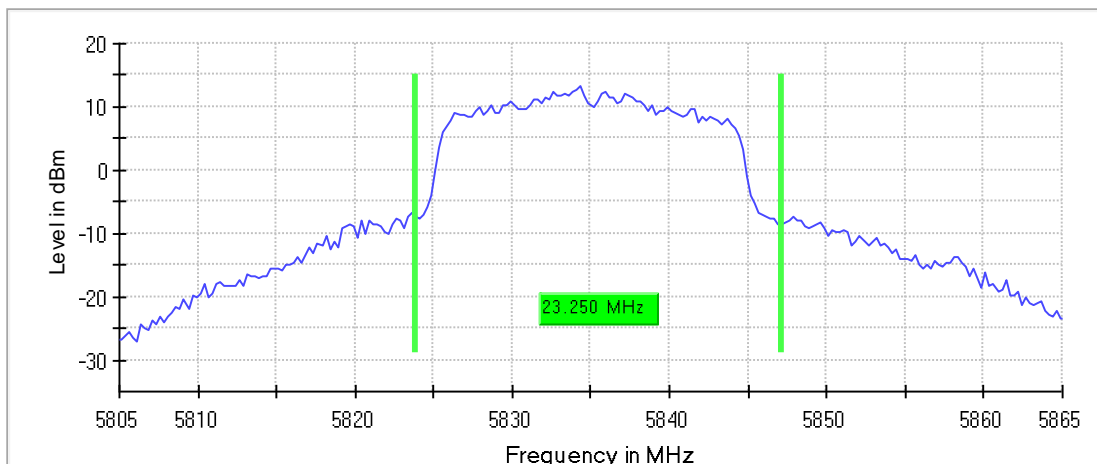
Occupied Channel Bandwidth 99% (5835 MHz; 24.000 dBm; 20 MHz)

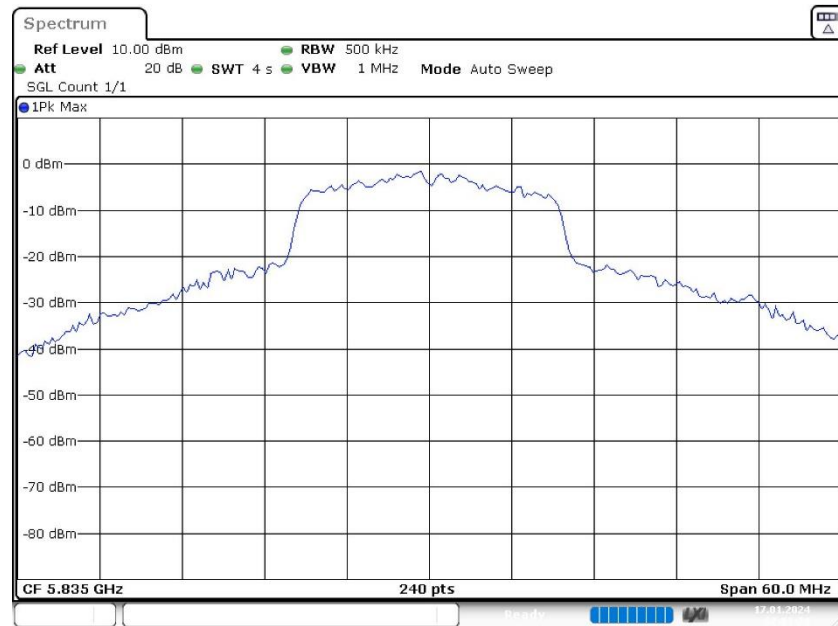
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5835.000000	23.250000	---	---	5823.875000	5847.125000

DUT Frequency (MHz)	Result
5835.000000	PASS

99 %Bandwidth



Bandwidth

Measurement

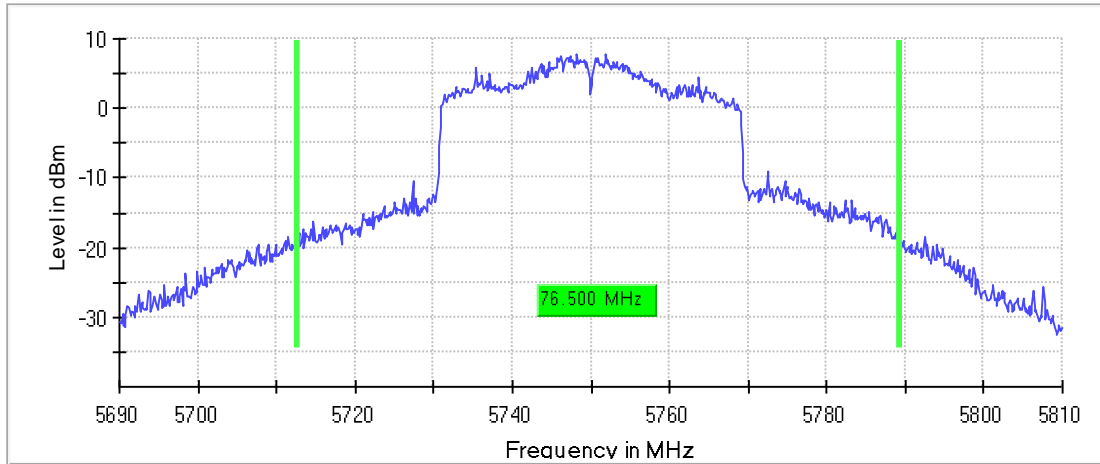
Setting	Instrument Value	Target Value
Start Frequency	5.80500 GHz	5.80500 GHz
Stop Frequency	5.86500 GHz	5.86500 GHz
Span	60.000 MHz	60.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	240	~ 240
SweepTime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

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

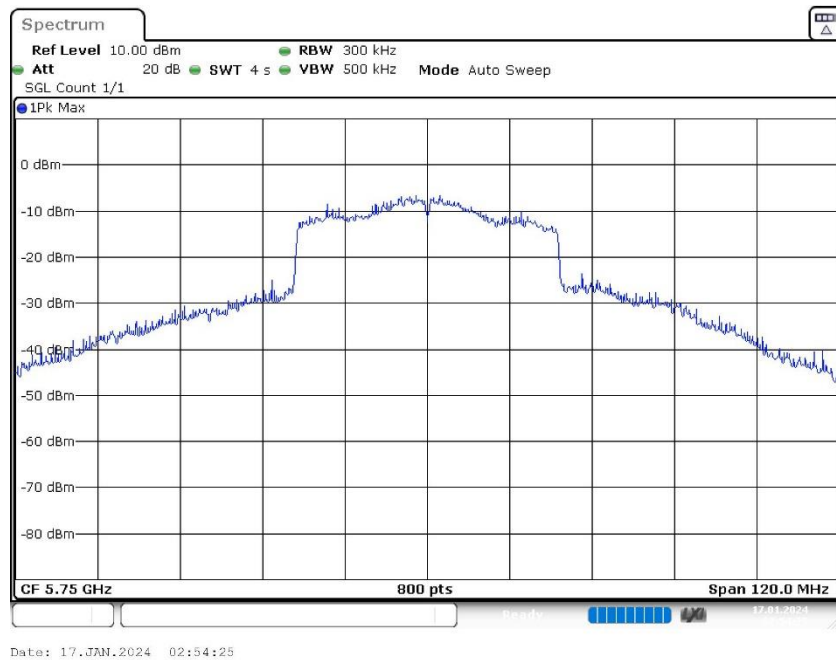
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	76.500000	---	---	5712.725000	5789.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5750.000000	7.8	PASS

26 dB Bandwidth



Bandwidth

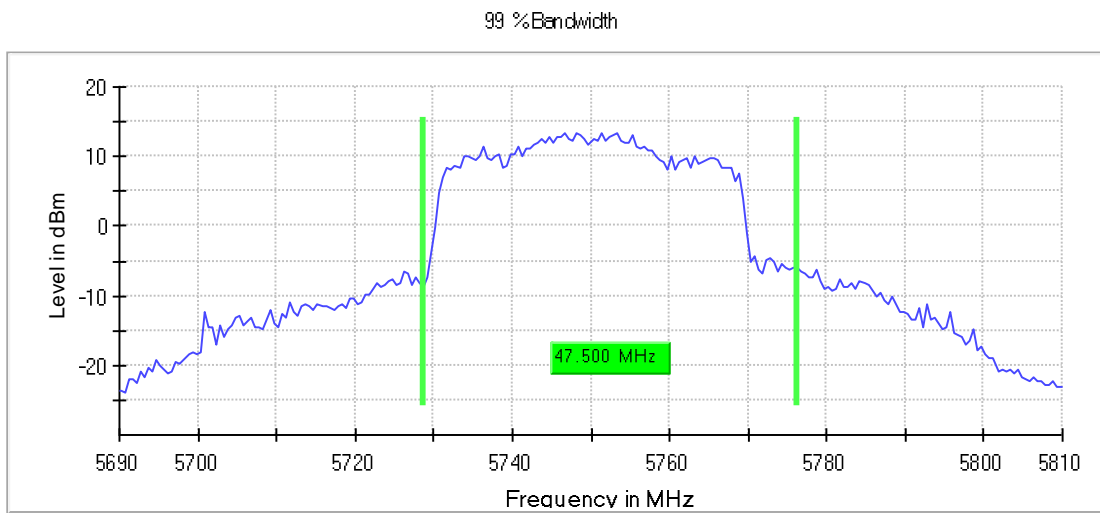


Occupied Channel Bandwidth 99% (5750 MHz; 24.000 dBm; 40 MHz)

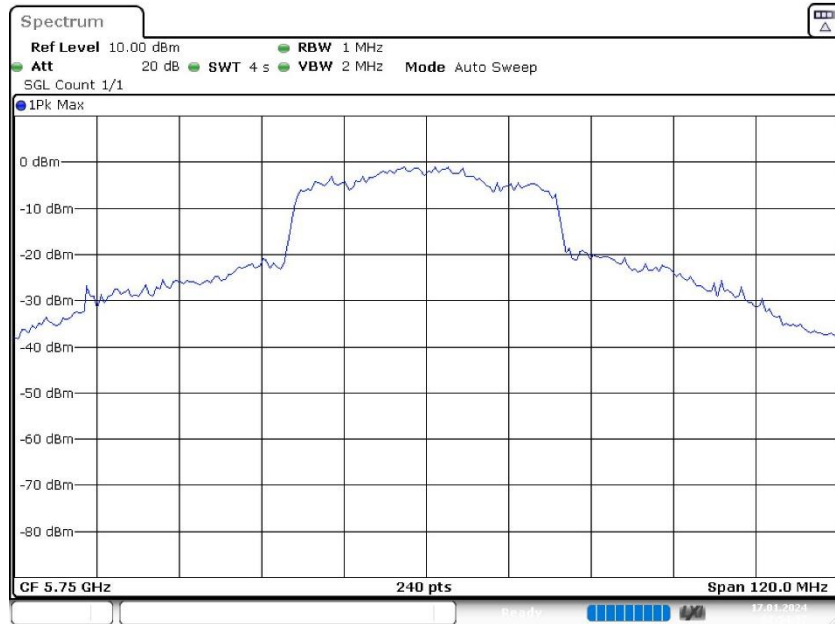
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5750.000000	47.500000	---	---	5728.750000	5776.250000

DUT Frequency (MHz)	Result
5750.000000	PASS



Bandwidth



Date: 17.JAN.2024 02:54:37

Measurement

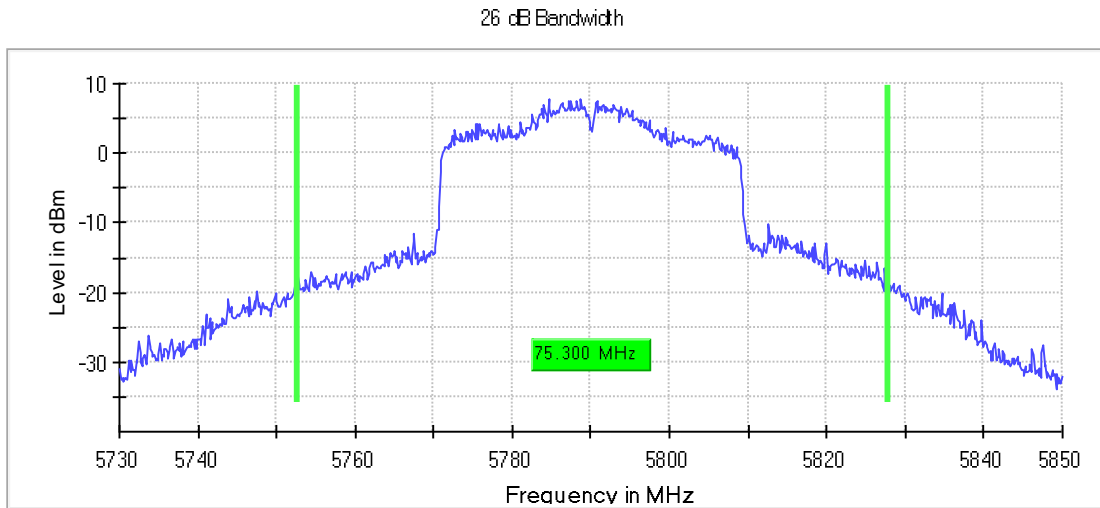
Setting	Instrument Value	Target Value
Start Frequency	5.69000 GHz	5.69000 GHz
Stop Frequency	5.81000 GHz	5.81000 GHz
Span	120.000 MHz	120.000 MHz
RBW	1.000 MHz	>= 800.000 kHz
VBW	2.000 MHz	>= 1.200 MHz
SweepPoints	240	~ 240
Sweeptime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

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

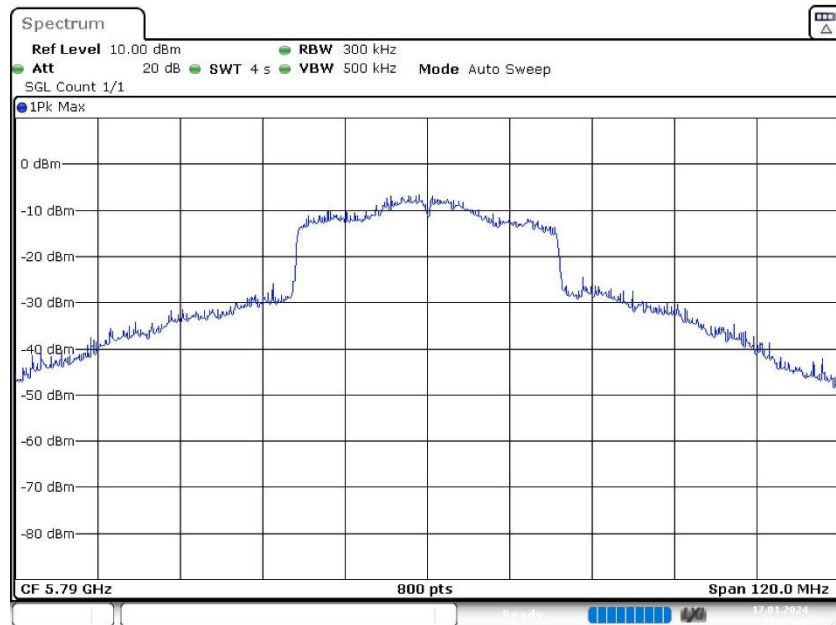
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	75.300000	---	---	5752.575000	5827.875000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	7.7	PASS



Bandwidth



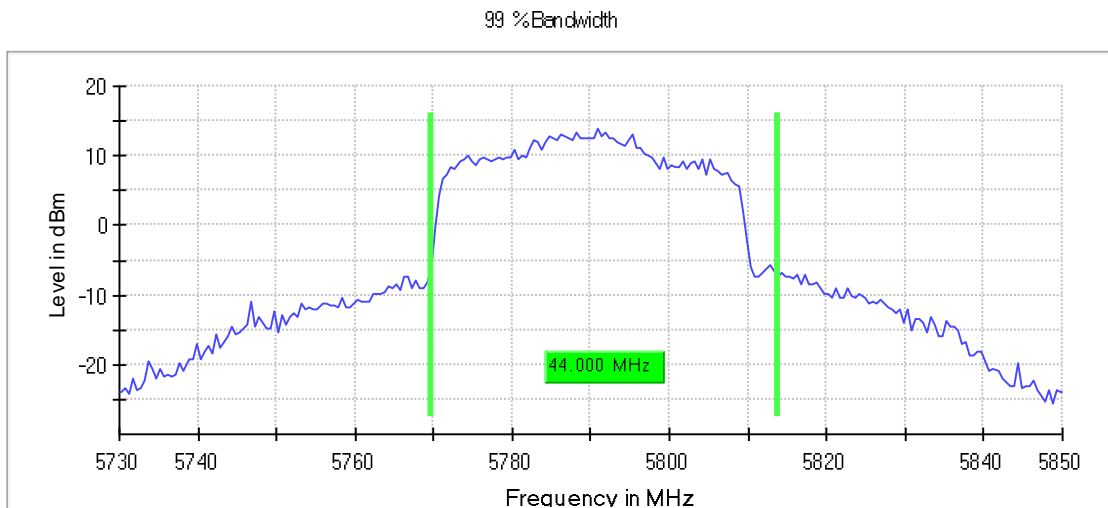
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Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 40 MHz)

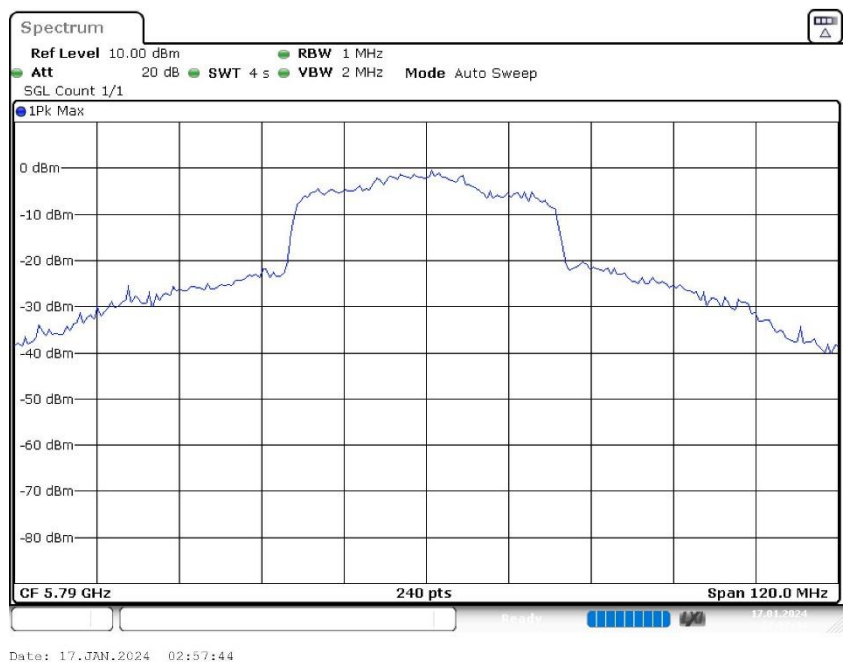
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	44.000000	---	---	5769.750000	5813.750000

DUT Frequency (MHz)	Result
5790.000000	PASS



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	1.000 MHz	>= 800.000 kHz
VBW	2.000 MHz	>= 1.200 MHz
SweepPoints	240	~ 240
SweepTime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

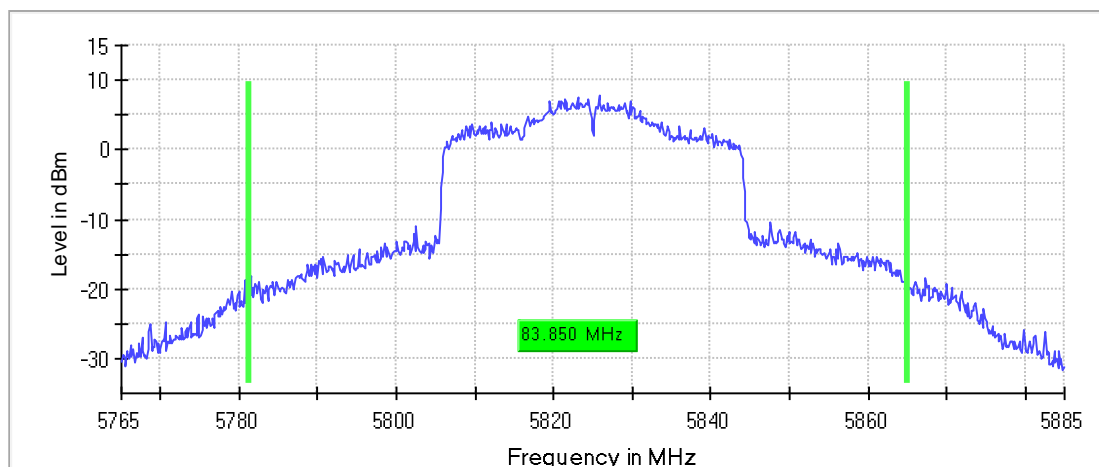
Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

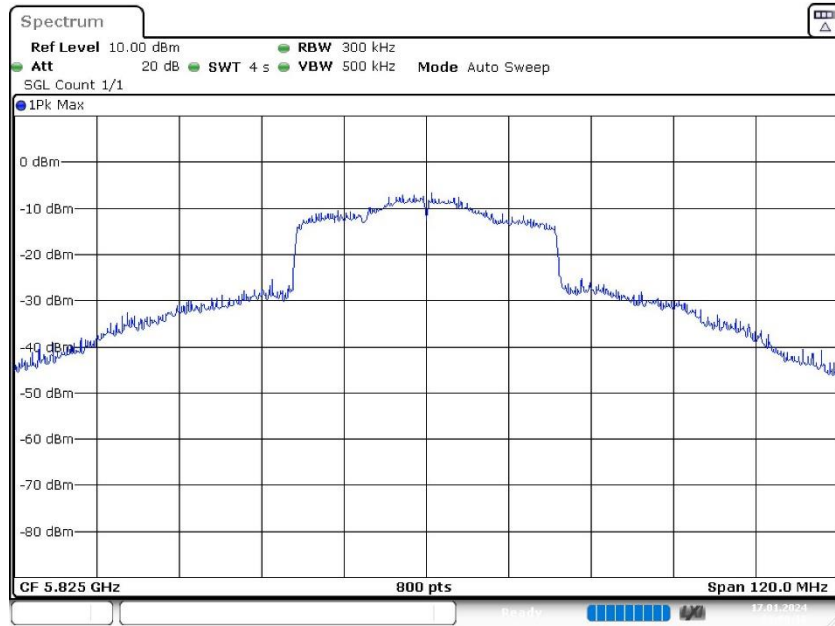
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	83.850000	---	---	5781.275000	5865.125000

DUT Frequency (MHz)	Max Level (dBm)	Result
5825.000000	7.8	PASS

26 dB Bandwidth



Bandwidth



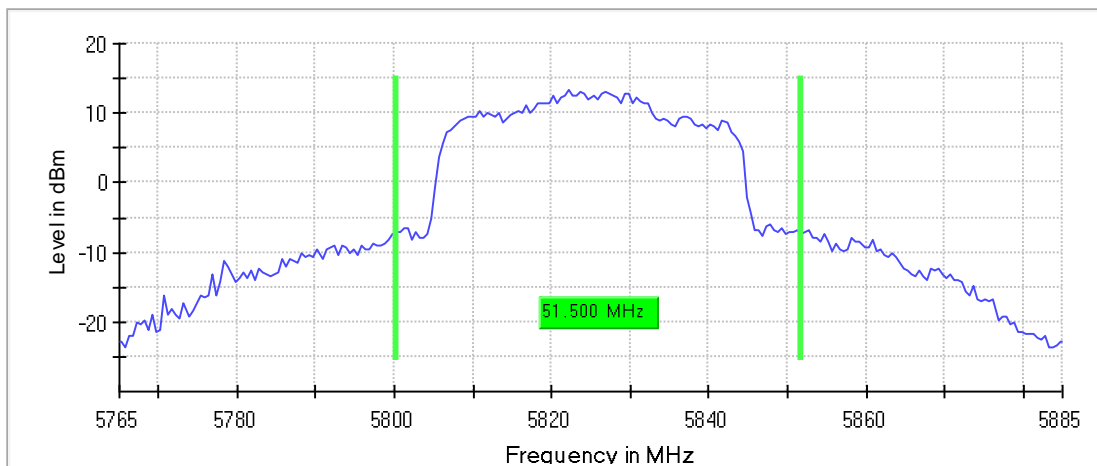
Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 40 MHz)

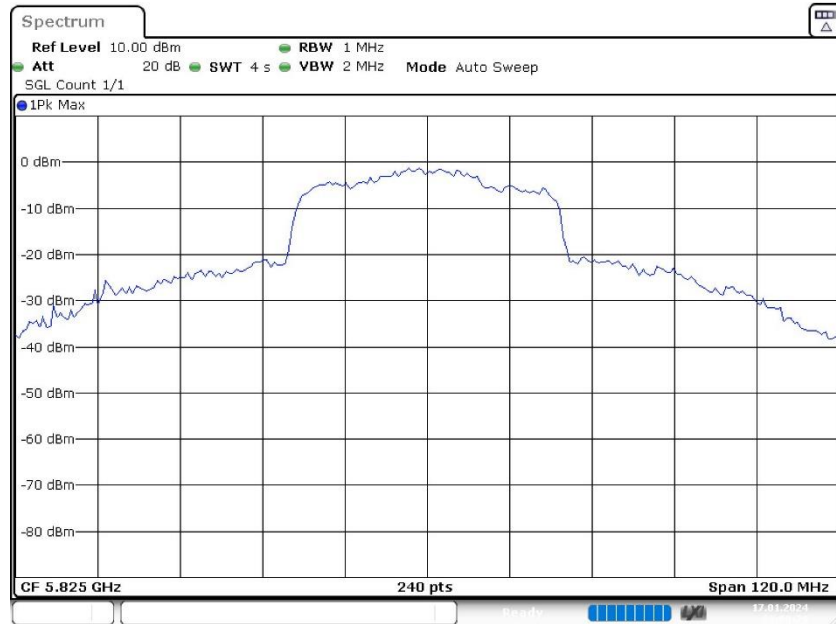
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5825.000000	51.500000	---	---	5800.250000	5851.750000

DUT Frequency (MHz)	Result
5825.000000	PASS

99 %Bandwidth



Bandwidth

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.76500 GHz	5.76500 GHz
Stop Frequency	5.88500 GHz	5.88500 GHz
Span	120.000 MHz	120.000 MHz
RBW	1.000 MHz	>= 800.000 kHz
VBW	2.000 MHz	>= 1.200 MHz
SweepPoints	240	~ 240
SweepTime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

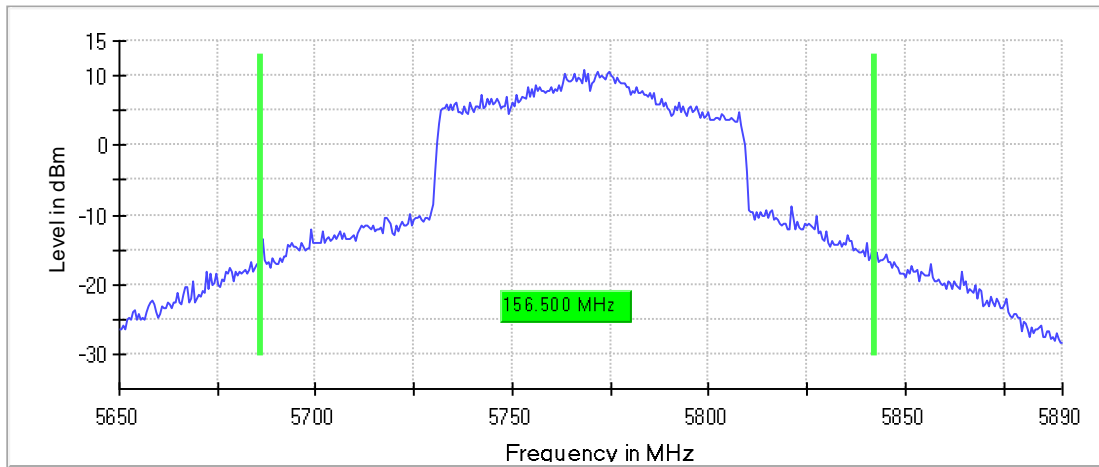
Emission Bandwidth 26 dB (5770 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

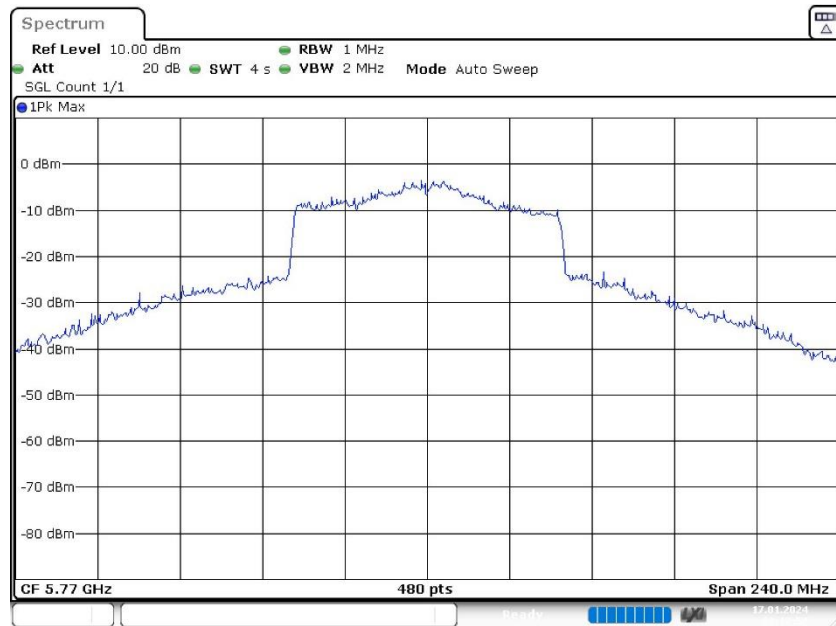
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5770.000000	156.500000	---	---	5685.750000	5842.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5770.000000	11.0	PASS

26 dB Bandwidth



Bandwidth



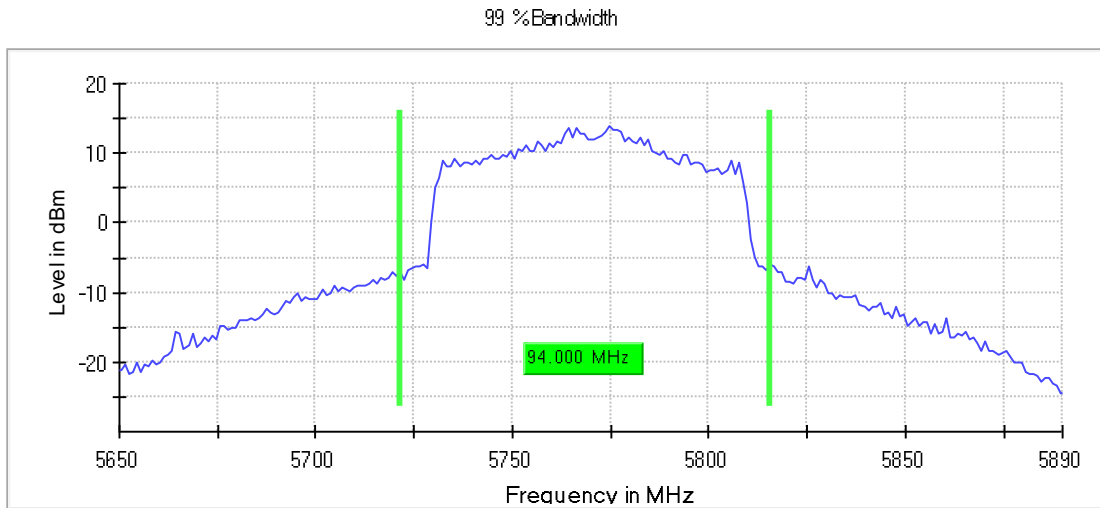
Date: 17.JAN.2024 03:12:52

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

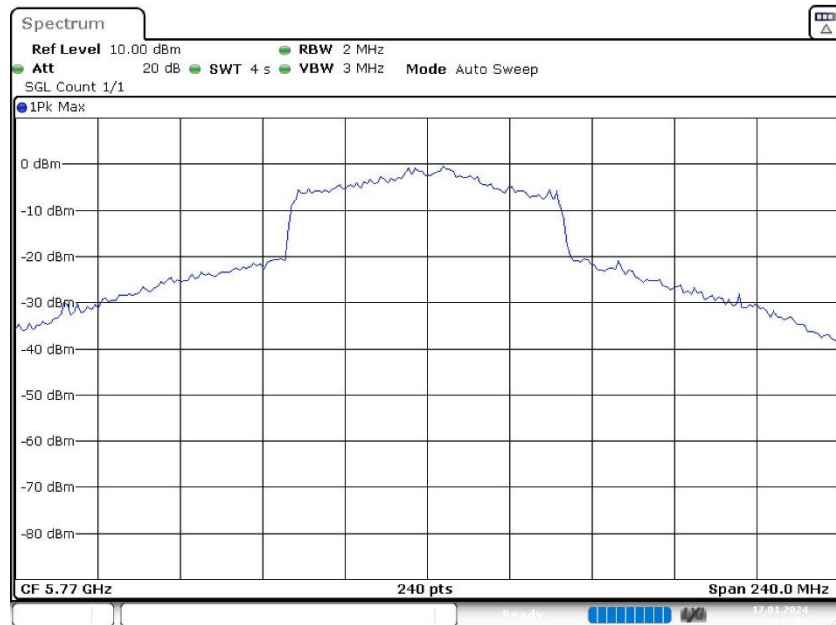
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5770.000000	94.000000	---	---	5721.500000	5815.500000

DUT Frequency (MHz)	Result
5770.000000	PASS



Bandwidth



Date: 17.JAN.2024 03:13:04

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.65000 GHz	5.65000 GHz
Stop Frequency	5.89000 GHz	5.89000 GHz
Span	240.000 MHz	240.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	3.000 MHz	>= 2.400 MHz
SweepPoints	240	~ 240
Sweptime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

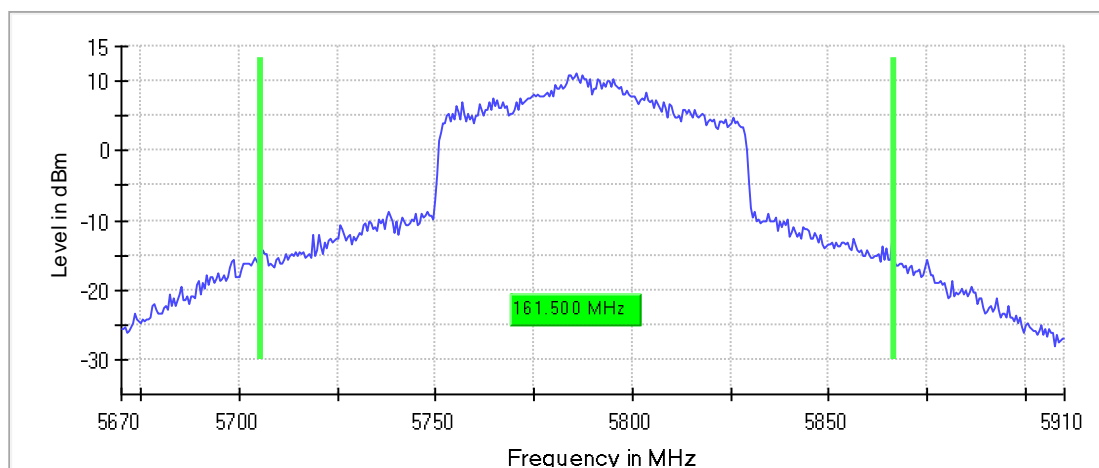
Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

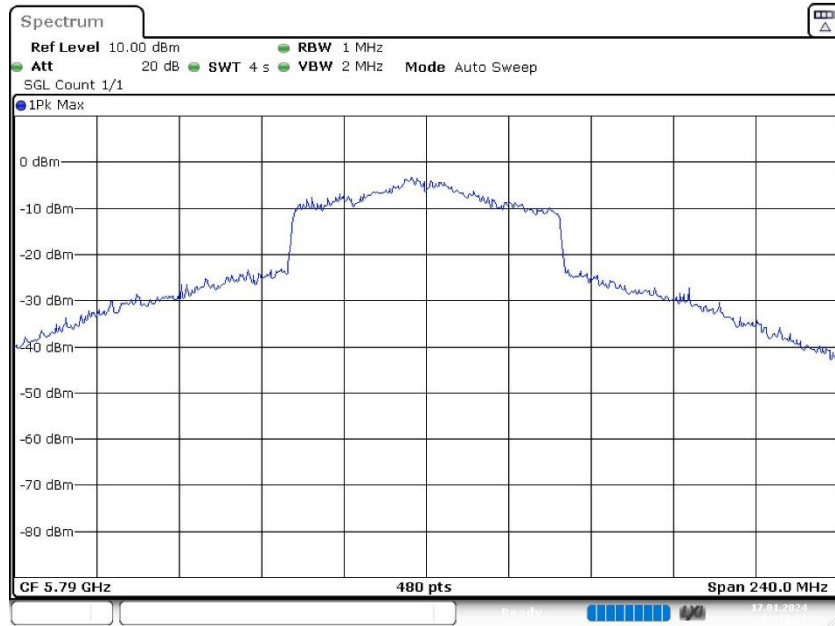
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	161.500000	---	---	5705.250000	5866.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5790.000000	11.2	PASS

26 dB Bandwidth



Bandwidth

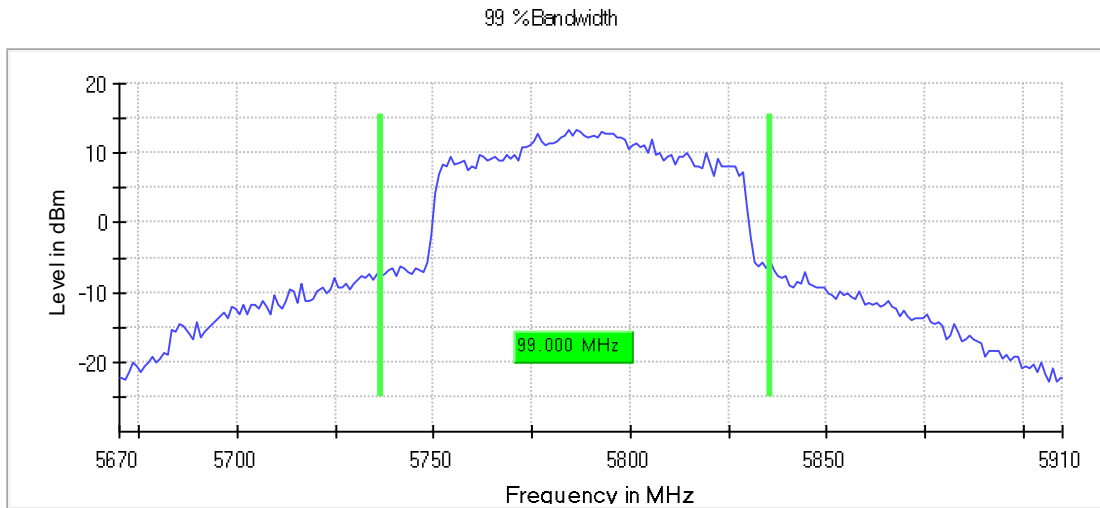


Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 80 MHz)

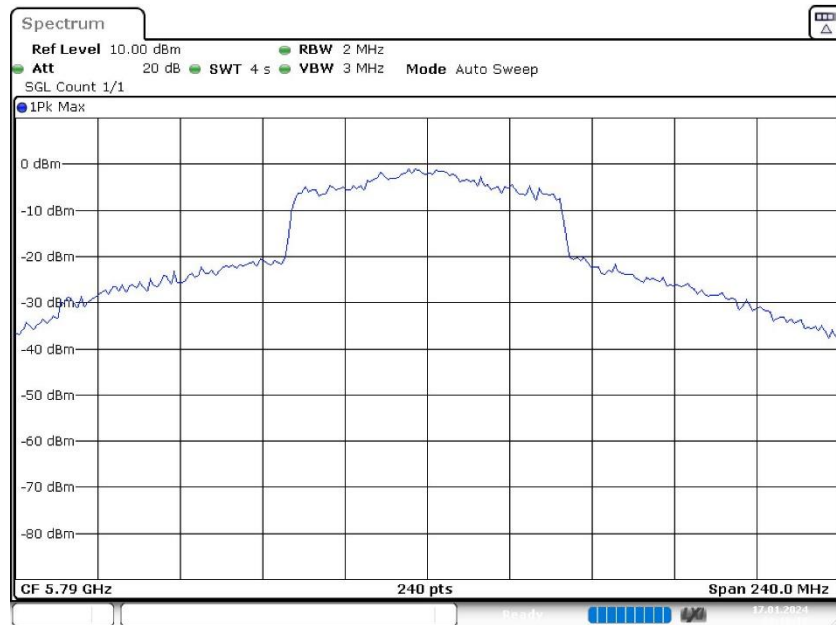
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5790.000000	99.000000	---	---	5736.500000	5835.500000

DUT Frequency (MHz)	Result
5790.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.67000 GHz	5.67000 GHz
Stop Frequency	5.91000 GHz	5.91000 GHz
Span	240.000 MHz	240.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	3.000 MHz	>= 2.400 MHz
SweepPoints	240	~ 240
Sweptime	4.000 s	4.000 s
Reference Level	10.000 dBm	AUTO

Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

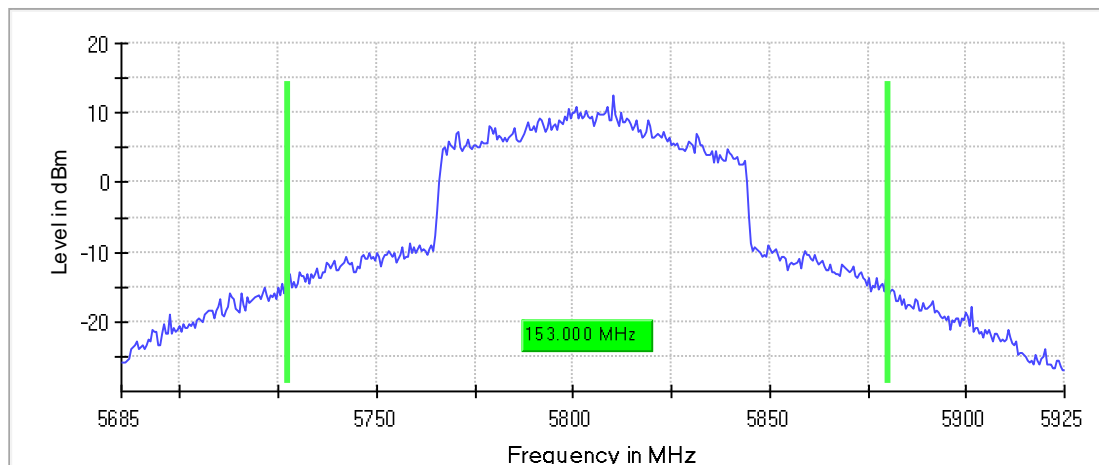
Emission Bandwidth 26 dB (5805 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

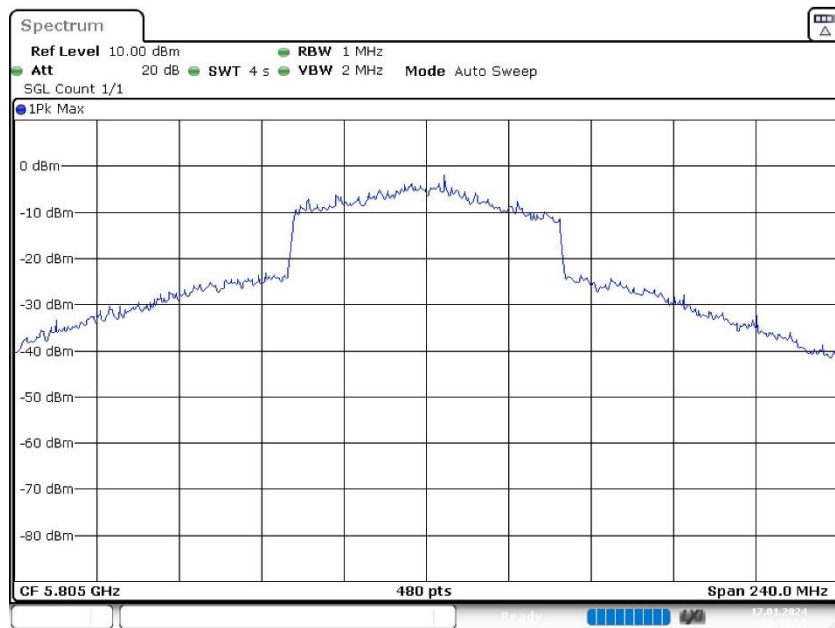
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5805.000000	153.000000	---	---	5727.250000	5880.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5805.000000	12.5	PASS

26 dB Bandwidth



Bandwidth

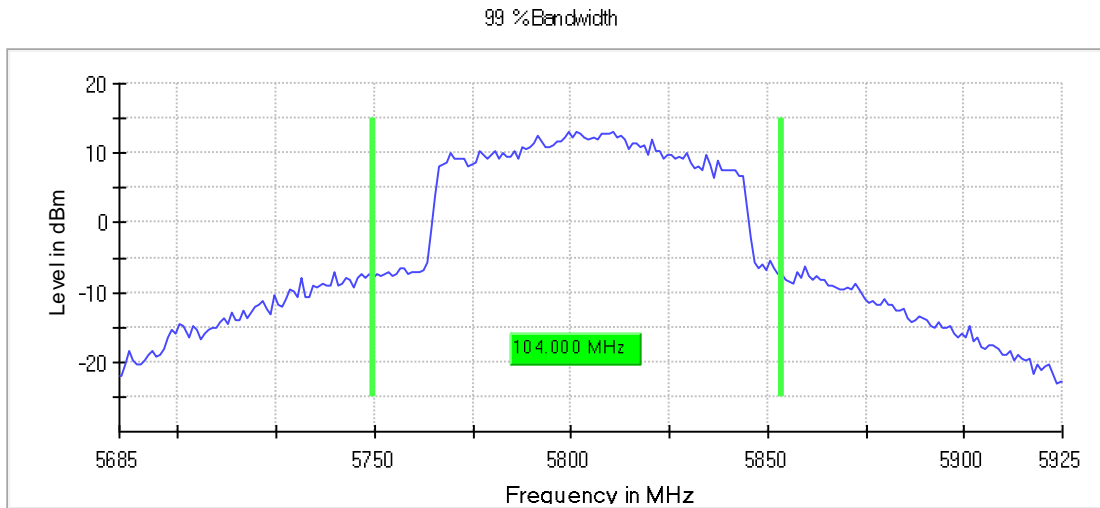


Occupied Channel Bandwidth 99% (5805 MHz; 24.000 dBm; 80 MHz)

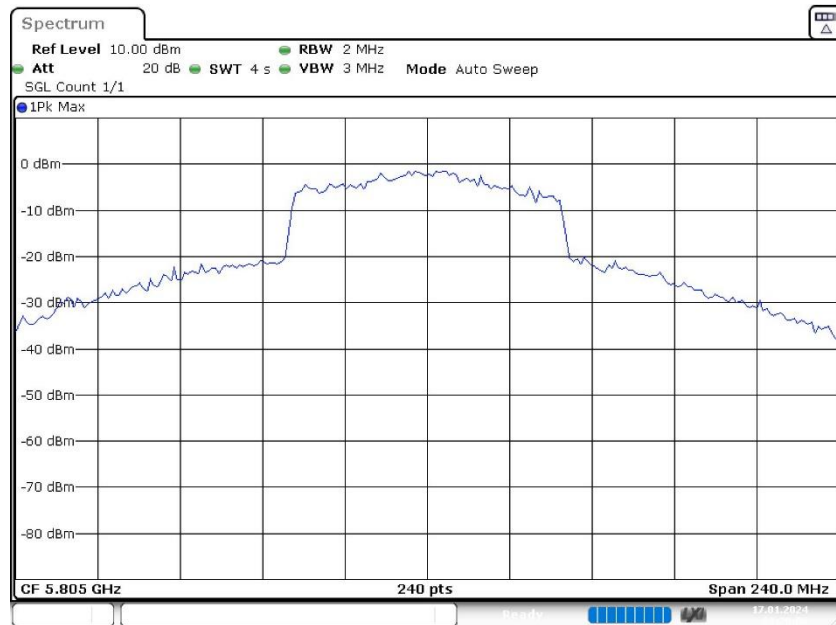
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5805.000000	104.000000	---	---	5749.500000	5853.500000

DUT Frequency (MHz)	Result
5805.000000	PASS



Bandwidth



Date: 17.JAN.2024 03:20:07

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.68500 GHz	5.68500 GHz
Stop Frequency	5.92500 GHz	5.92500 GHz
Span	240.000 MHz	240.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	3.000 MHz	>= 2.400 MHz
SweepPoints	240	~ 240

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

-- End of Report --