427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-U7PROW
ISED ID	6545A-U7PROW
Equipment Under Test	U7-Pro-Wall
Test Report Serial Number	TR8745_02
Date of Test(s)	8 – 9 November 2023
Report Issue Date	19 January 2024

Test Personnel

Testing performed by	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 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.

NVLAP LAB CODE 600241-0

1 UNII-7 Band

1.1 Summary RF Conducted

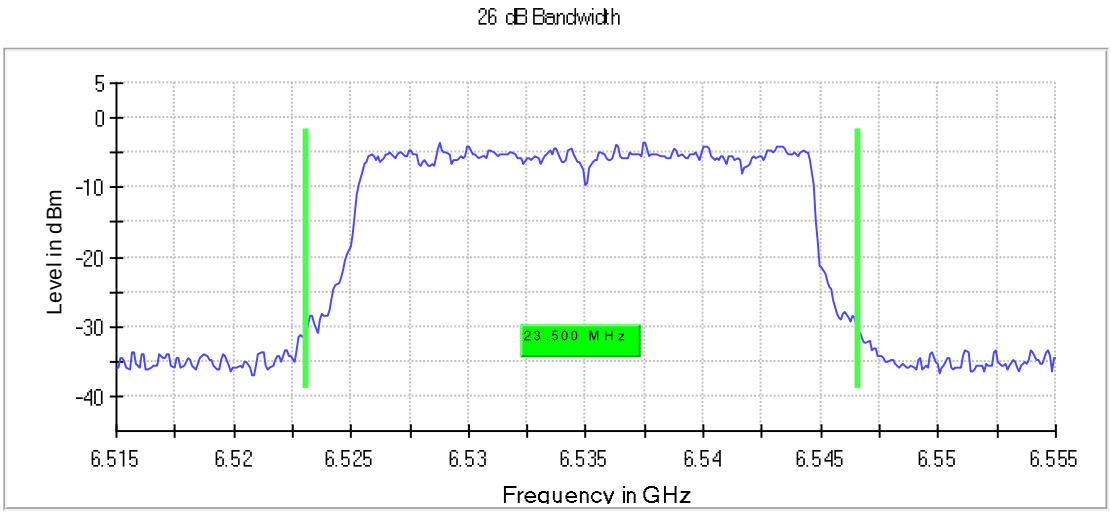
Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6535.000	24.0	20.000000	PASS
RF output power	6535.000	24.0	20.000000	PASS
In-Band Emissions	6535.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6535.000	24.0	20.000000	PASS
Frequency Stability	6535.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6695.000	24.0	20.000000	PASS
In-Band Emissions	6695.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6695.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6875.000	24.0	20.000000	PASS
In-Band Emissions	6875.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6875.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6525.000	24.0	40.000000	PASS
In-Band Emissions	6525.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6525.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6685.000	24.0	40.000000	PASS
In-Band Emissions	6685.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6685.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6885.000	24.0	40.000000	PASS
In-Band Emissions	6885.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6885.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6545.000	24.0	80.000000	PASS
In-Band Emissions	6545.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6545.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6705.000	24.0	80.000000	PASS
In-Band Emissions	6705.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6705.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6865.000	24.0	80.000000	PASS
In-Band Emissions	6865.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6865.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6505.000	24.0	160.000000	PASS
In-Band Emissions	6505.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6505.000	24.0	160.000000	PASS
Tx Spurious Emission	6505.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6505.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6505.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6665.000	24.0	160.000000	PASS
In-Band Emissions	6665.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6665.000	24.0	160.000000	PASS
Tx Spurious Emission	6665.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6665.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6665.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6825.000	24.0	160.000000	PASS
In-Band Emissions	6825.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6825.000	24.0	160.000000	PASS
Tx Spurious Emission	6825.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6825.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6825.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6585.000	24.0	320.000000	PASS
In-Band Emissions	6585.000	24.0	320.000000	PASS
Occupied Channel Bandwidth 99%	6585.000	24.0	320.000000	PASS
Tx Spurious Emission	6585.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Average)	6585.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6585.000	24.0	320.000000	PASS

Emission Bandwidth 26 dB (6535 MHz; 24.000 dBm; 20 MHz)

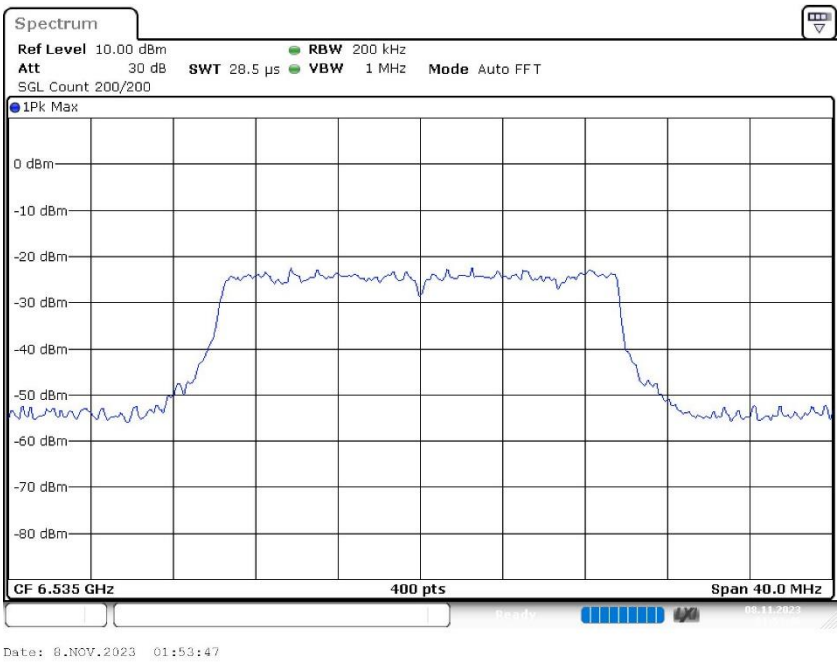
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6535.000000	23.500000	---	320.000000	6523.050000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6535.000000	6546.550000	---	-3.6	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.51500 GHz	6.51500 GHz
Stop Frequency	6.55500 GHz	6.55500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	28.477 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

RF output power (6535 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6535.000000	12.5	24.0	12.5	99.724	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

In-Band Emissions (6535 MHz; 24.000 dBm; 20 MHz)

Result

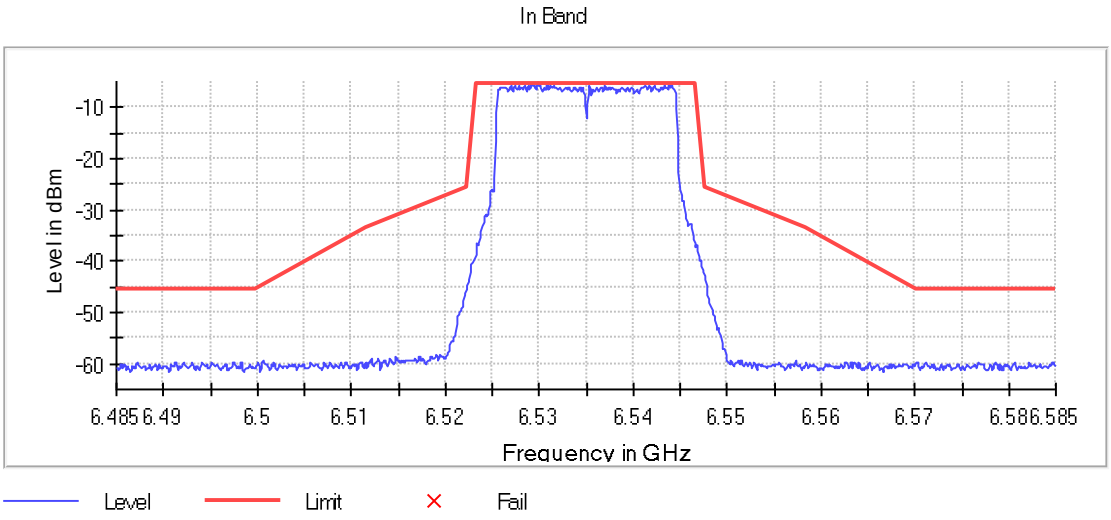
DUT Frequency (MHz)	Result
6535.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6529.850000	-5.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6529.150000	-5.5	0.1	-5.5	PASS
6529.450000	-5.6	0.1	-5.5	PASS
6529.250000	-5.6	0.2	-5.5	PASS
6529.950000	-5.6	0.2	-5.5	PASS
6530.050000	-5.7	0.2	-5.5	PASS
6529.750000	-5.7	0.2	-5.5	PASS
6541.250000	-5.7	0.2	-5.5	PASS
6531.550000	-5.7	0.2	-5.5	PASS
6544.150000	-5.7	0.3	-5.5	PASS
6543.350000	-5.8	0.3	-5.5	PASS
6528.450000	-5.8	0.3	-5.5	PASS
6528.850000	-5.8	0.3	-5.5	PASS
6531.250000	-5.8	0.3	-5.5	PASS
6541.750000	-5.8	0.3	-5.5	PASS
6527.450000	-5.8	0.3	-5.5	PASS



Measurement 1

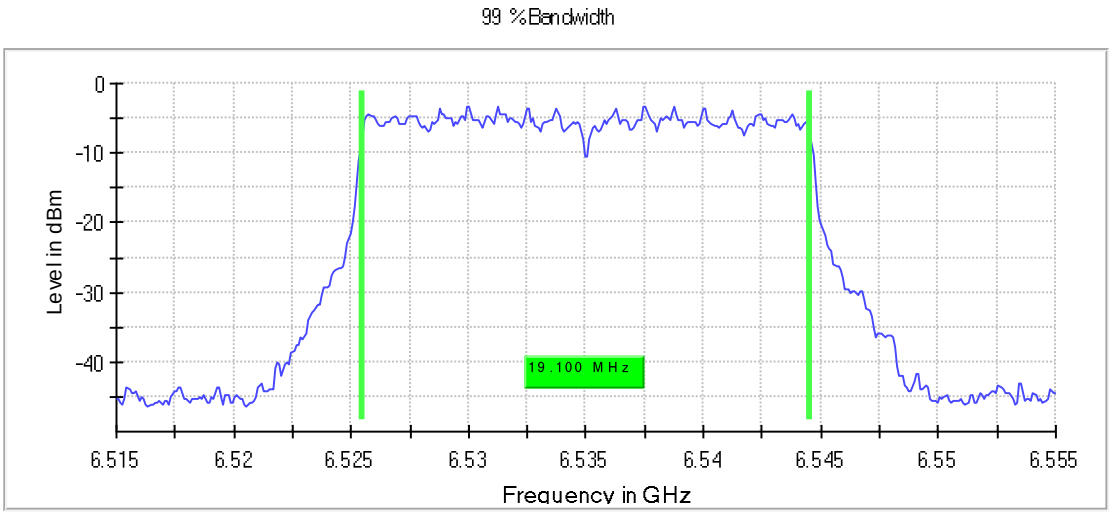
Setting	Instrument Value	Target Value
Start Frequency	6.48500 GHz	6.48500 GHz
Stop Frequency	6.58500 GHz	6.58500 GHz
Span	100.000 MHz	100.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	500.000 kHz	~ 600.000 kHz
SweepPoints	1000	~ 1000
Sweeptime	1.050 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	Sweep	Sweep
Preamp	off	off

Occupied Channel Bandwidth 99% (6535 MHz; 24.000 dBm; 20 MHz)

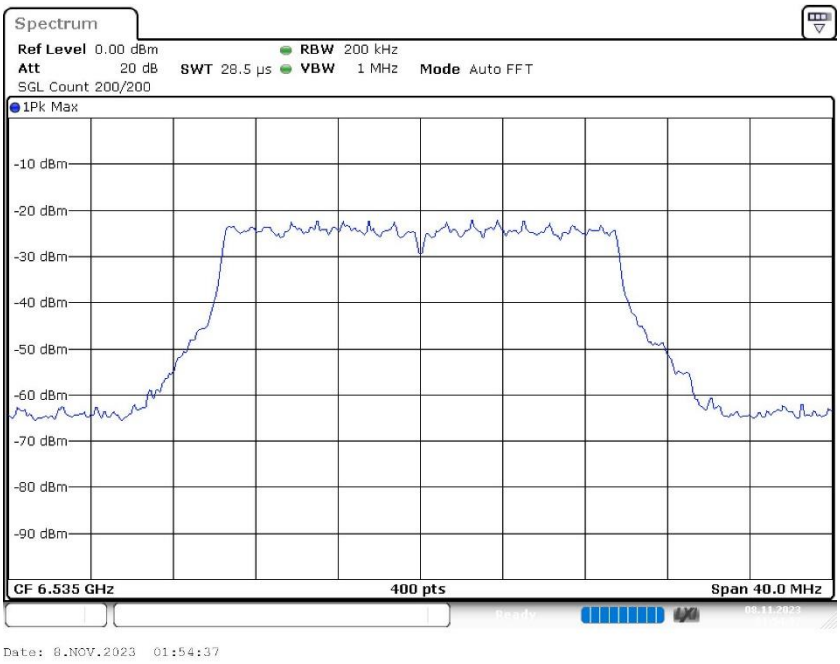
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6535.000000	19.100000	---	320.000000	6525.450000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6535.000000	6544.550000	7125.000000	PASS



Bandwidth



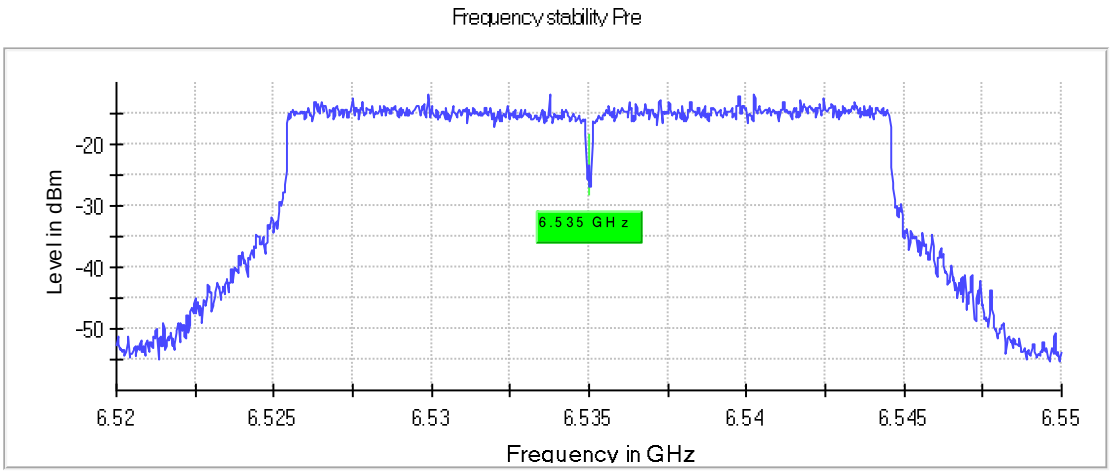
Measurement

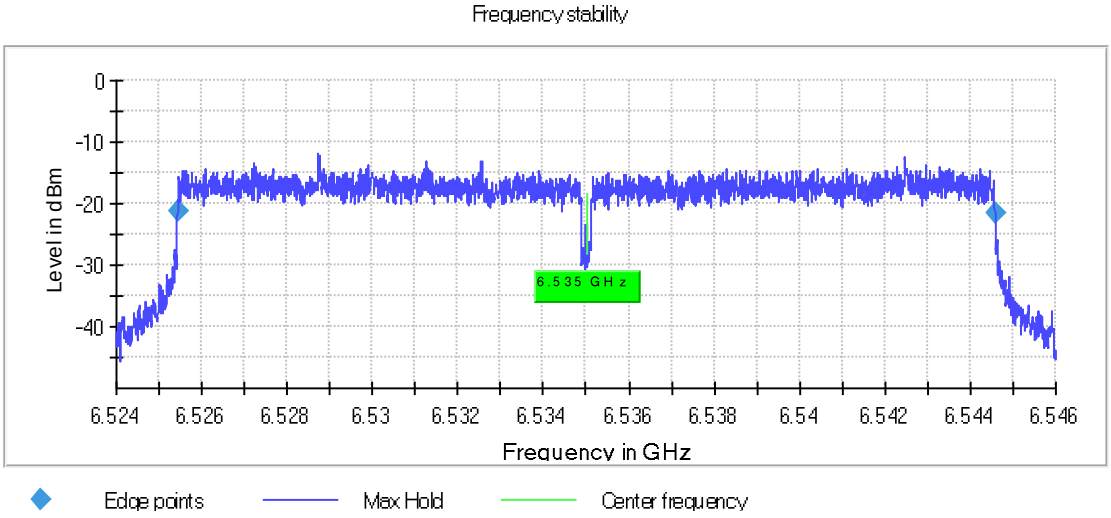
Setting	Instrument Value	Target Value
Start Frequency	6.51500 GHz	6.51500 GHz
Stop Frequency	6.55500 GHz	6.55500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	28.477 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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

Frequency Stability (6535 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6535.000000	6535.001100	0.168	1.100000	---	---	PASS





Measurement

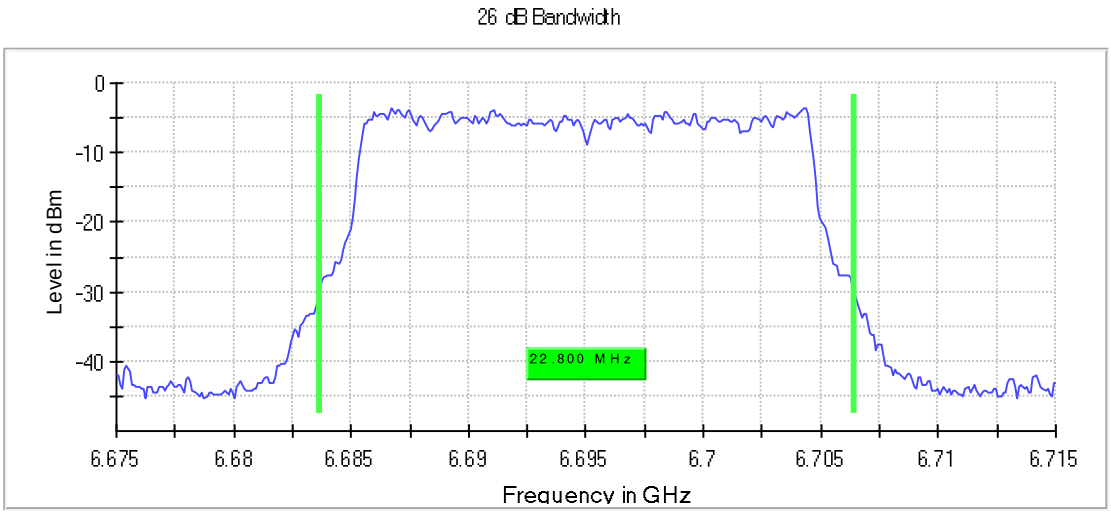
Setting	Instrument Value	Target Value
Start Frequency	6.52400 GHz	6.52400 GHz
Stop Frequency	6.54600 GHz	6.54600 GHz
Span	22.000 MHz	22.000 MHz
RBW	20.000 kHz	<= 22.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	10001	~ 10001
Sweeptime	473.902 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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

Emission Bandwidth 26 dB (6695 MHz; 24.000 dBm; 20 MHz)

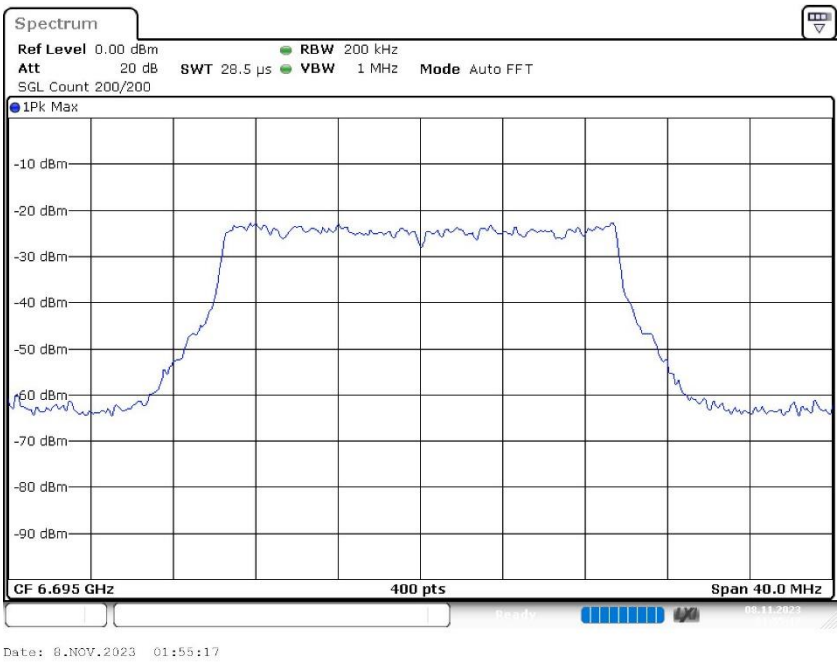
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6695.000000	22.800000	---	320.000000	6683.650000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6695.000000	6706.450000	---	-3.6	PASS



Bandwidth



In-Band Emissions (6695 MHz; 24.000 dBm; 20 MHz)

Result

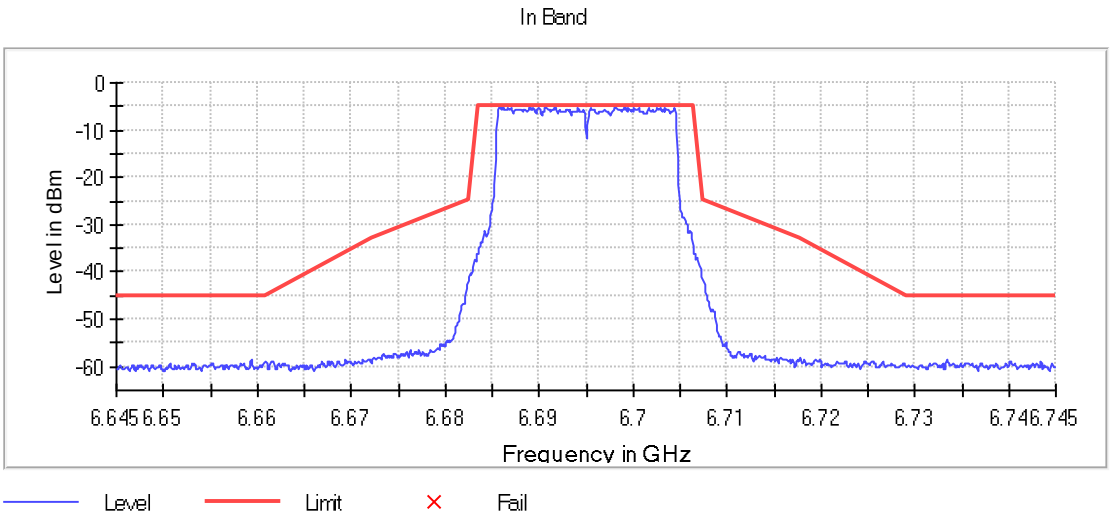
DUT Frequency (MHz)	Result
6695.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6685.750000	-5.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6686.050000	-5.0	0.1	-5.0	PASS
6699.150000	-5.1	0.1	-5.0	PASS
6698.150000	-5.1	0.2	-5.0	PASS
6702.850000	-5.2	0.2	-5.0	PASS
6688.950000	-5.2	0.2	-5.0	PASS
6686.150000	-5.2	0.2	-5.0	PASS
6698.050000	-5.2	0.3	-5.0	PASS
6691.750000	-5.2	0.3	-5.0	PASS
6689.850000	-5.3	0.3	-5.0	PASS
6703.450000	-5.3	0.3	-5.0	PASS
6694.150000	-5.3	0.3	-5.0	PASS
6700.150000	-5.3	0.4	-5.0	PASS
6701.650000	-5.3	0.4	-5.0	PASS
6695.450000	-5.3	0.4	-5.0	PASS
6704.450000	-5.3	0.4	-5.0	PASS

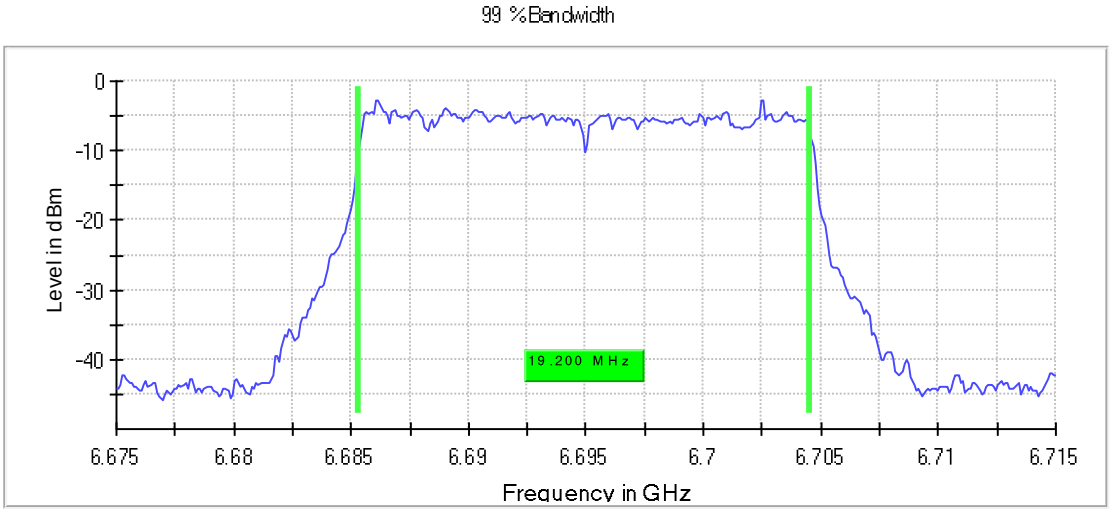


Occupied Channel Bandwidth 99% (6695 MHz; 24.000 dBm; 20 MHz)

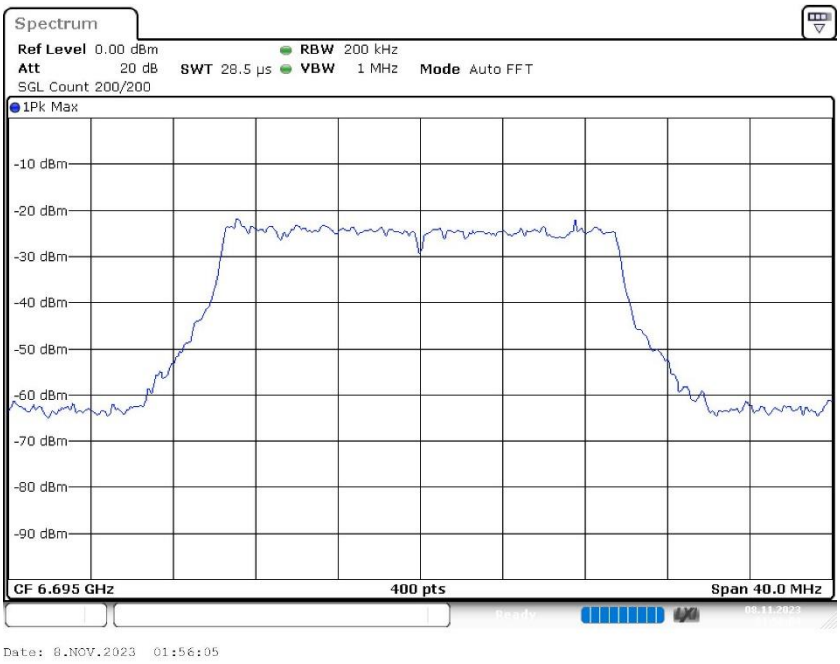
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6695.000000	19.200000	---	320.000000	6685.350000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6695.000000	6704.550000	7125.000000	PASS



Bandwidth



Measurement

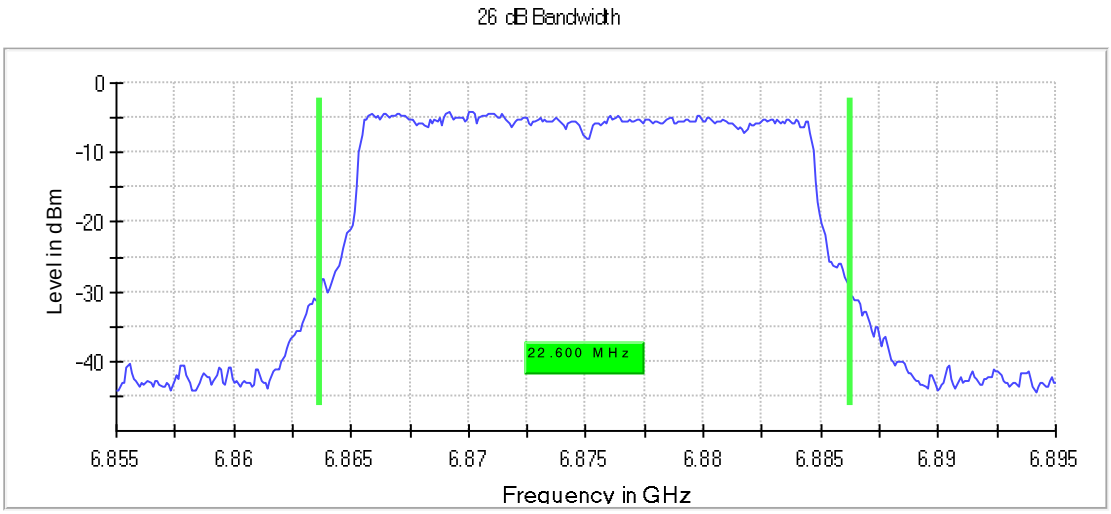
Setting	Instrument Value	Target Value
Start Frequency	6.67500 GHz	6.67500 GHz
Stop Frequency	6.71500 GHz	6.71500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	28.477 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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

Emission Bandwidth 26 dB (6875 MHz; 24.000 dBm; 20 MHz)

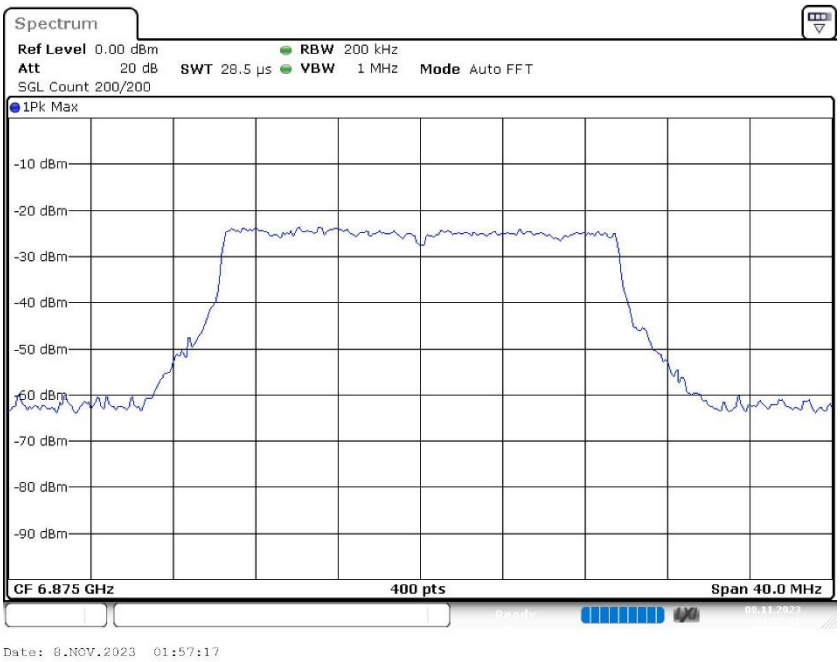
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	22.600000	11.350000	11.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6875.000000	6863.650000	---	6886.250000	---	-4.1	PASS



Bandwidth



In-Band Emissions (6875 MHz; 24.000 dBm; 20 MHz)

Result

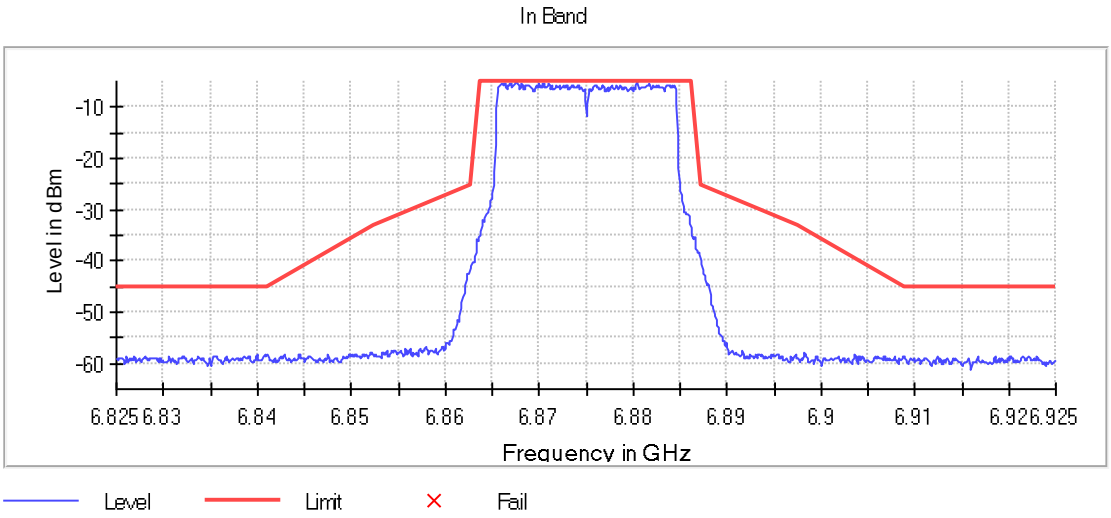
DUT Frequency (MHz)	Result
6875.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6880.450000	-5.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6880.450000	-5.1	0.0	-5.1	PASS
6867.650000	-5.2	0.0	-5.1	PASS
6867.550000	-5.2	0.0	-5.1	PASS
6866.250000	-5.2	0.1	-5.1	PASS
6867.750000	-5.2	0.1	-5.1	PASS
6868.150000	-5.3	0.1	-5.1	PASS
6866.950000	-5.3	0.2	-5.1	PASS
6865.950000	-5.3	0.2	-5.1	PASS
6871.050000	-5.3	0.2	-5.1	PASS
6867.450000	-5.4	0.2	-5.1	PASS
6866.350000	-5.4	0.3	-5.1	PASS
6870.450000	-5.4	0.3	-5.1	PASS
6866.050000	-5.4	0.3	-5.1	PASS
6880.550000	-5.4	0.3	-5.1	PASS
6869.950000	-5.4	0.3	-5.1	PASS

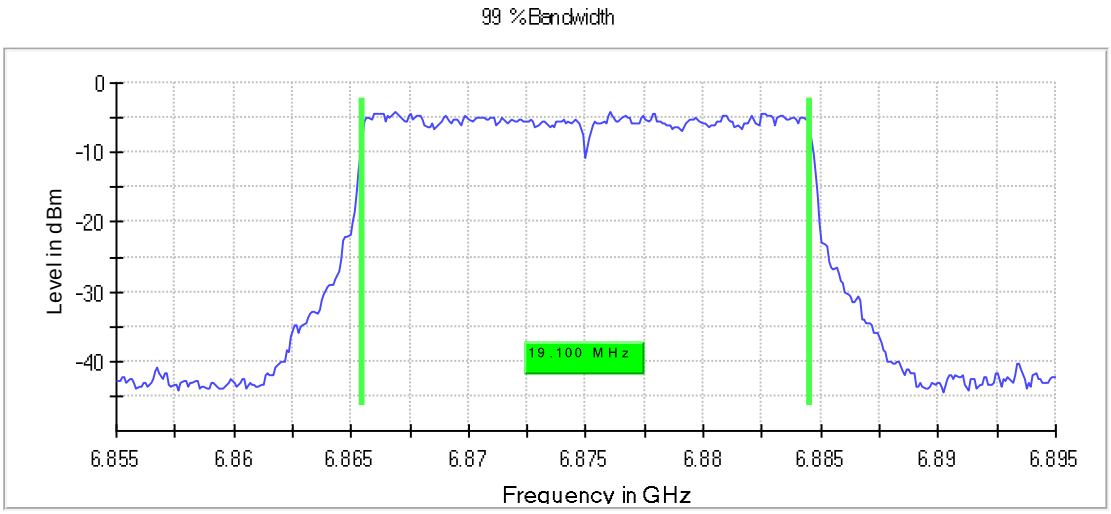


Occupied Channel Bandwidth 99% (6875 MHz; 24.000 dBm; 20 MHz)

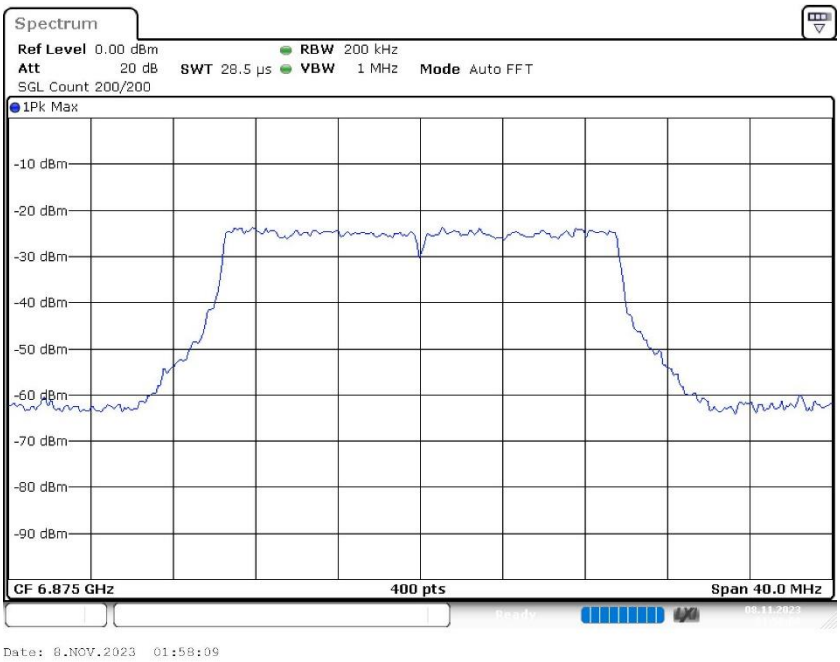
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6875.000000	19.100000	9.550000	9.550000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6875.000000	6865.450000	5925.000000	6884.550000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.85500 GHz	6.85500 GHz
Stop Frequency	6.89500 GHz	6.89500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz

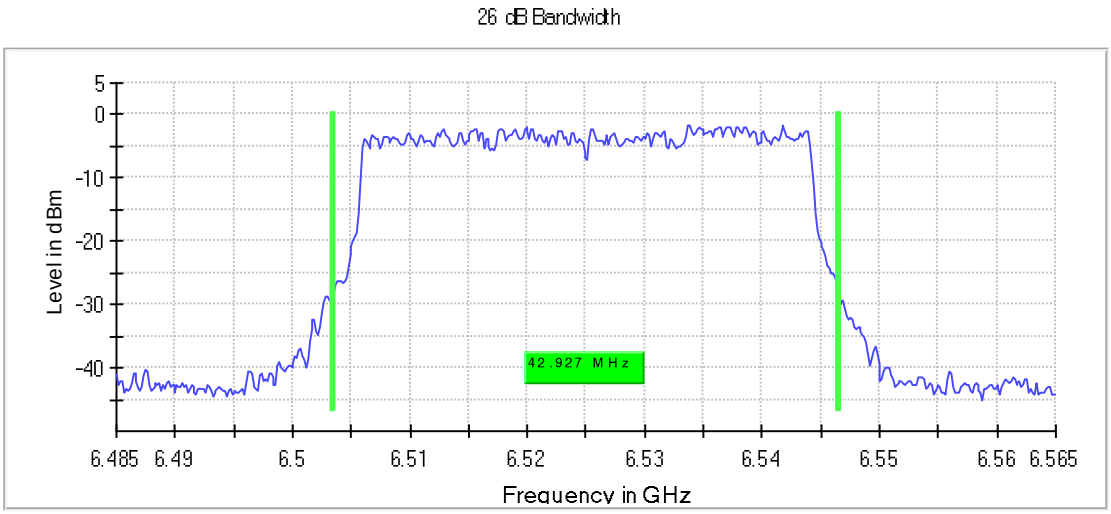
SweepPoints	400	~ 400
Sweeptime	28.477 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (6525 MHz; 24.000 dBm; 40 MHz)

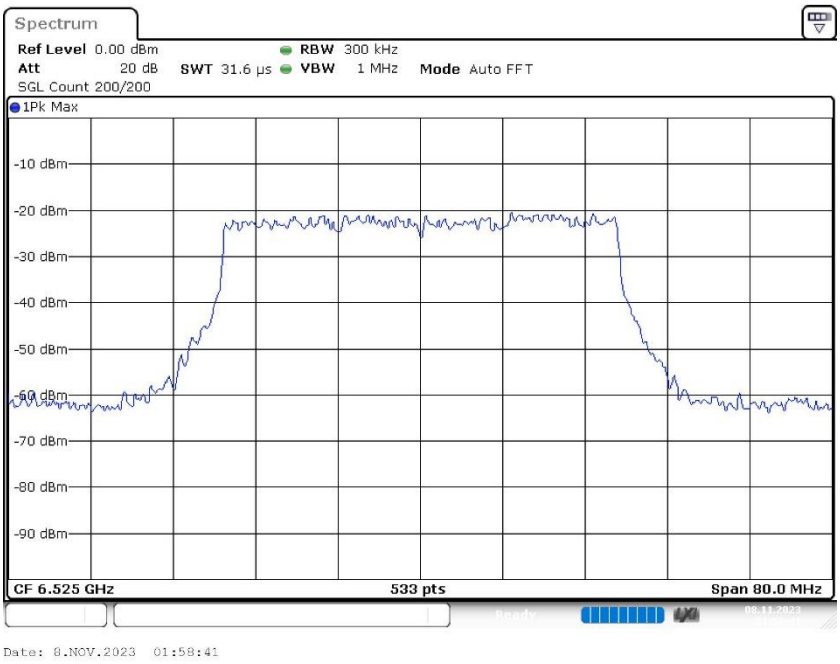
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6525.000000	42.926830	21.463415	21.463415	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6525.000000	6503.536585	---	6546.463415	---	-1.6	PASS



Bandwidth



In-Band Emissions (6525 MHz; 24.000 dBm; 40 MHz)

Result

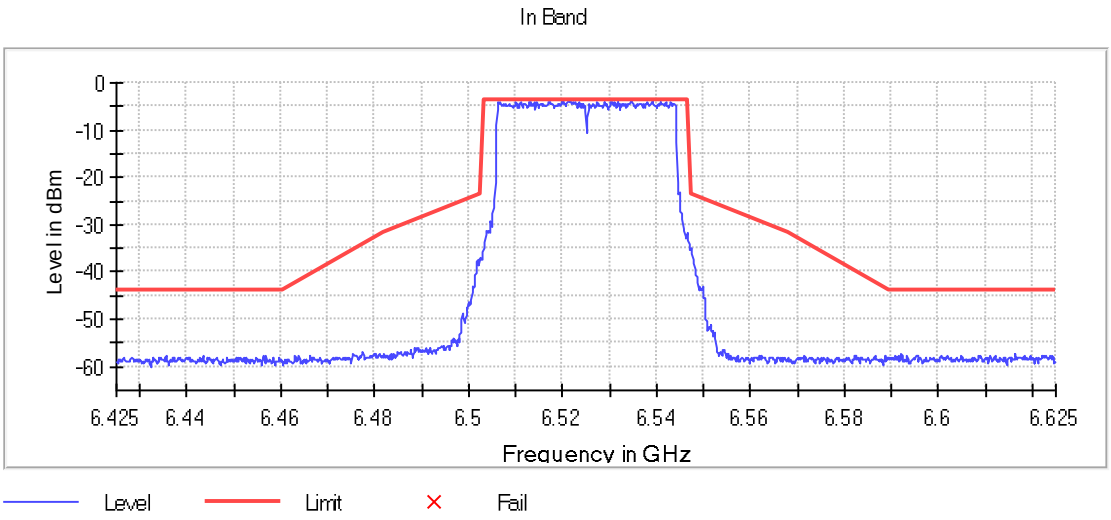
DUT Frequency (MHz)	Result
6525.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6534.602401	-3.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6534.602401	-3.7	0.0	-3.7	PASS
6520.048762	-3.7	0.0	-3.7	PASS
6521.399100	-3.8	0.1	-3.7	PASS
6539.103526	-3.8	0.1	-3.7	PASS
6521.549137	-3.9	0.2	-3.7	PASS
6522.149287	-3.9	0.2	-3.7	PASS
6506.395349	-3.9	0.2	-3.7	PASS
6511.196549	-3.9	0.2	-3.7	PASS
6519.898725	-4.0	0.3	-3.7	PASS
6530.251313	-4.0	0.3	-3.7	PASS
6521.099025	-4.0	0.3	-3.7	PASS
6541.954239	-4.0	0.4	-3.7	PASS
6531.751688	-4.0	0.4	-3.7	PASS
6531.151538	-4.1	0.4	-3.7	PASS
6511.046512	-4.1	0.4	-3.7	PASS

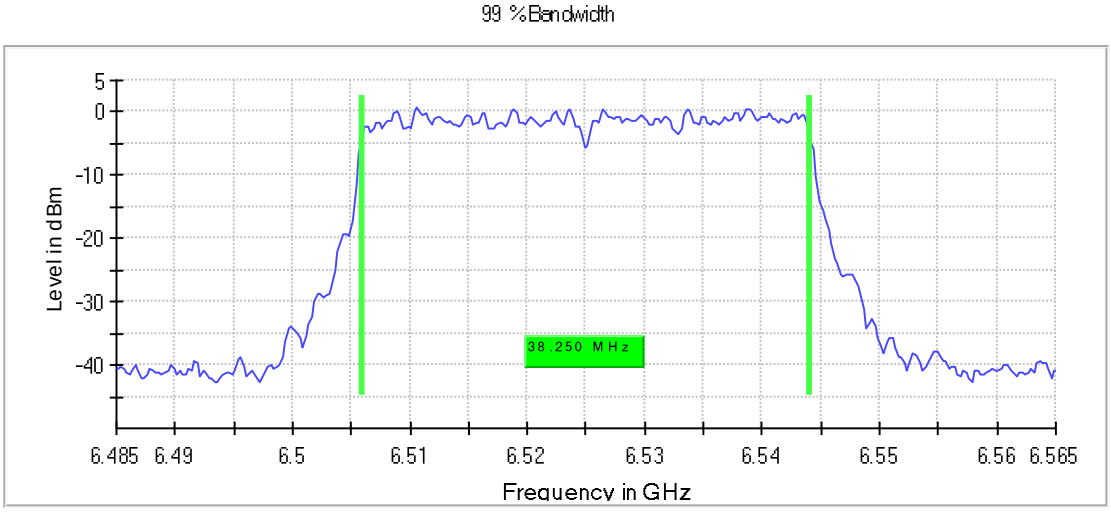


Occupied Channel Bandwidth 99% (6525 MHz; 24.000 dBm; 40 MHz)

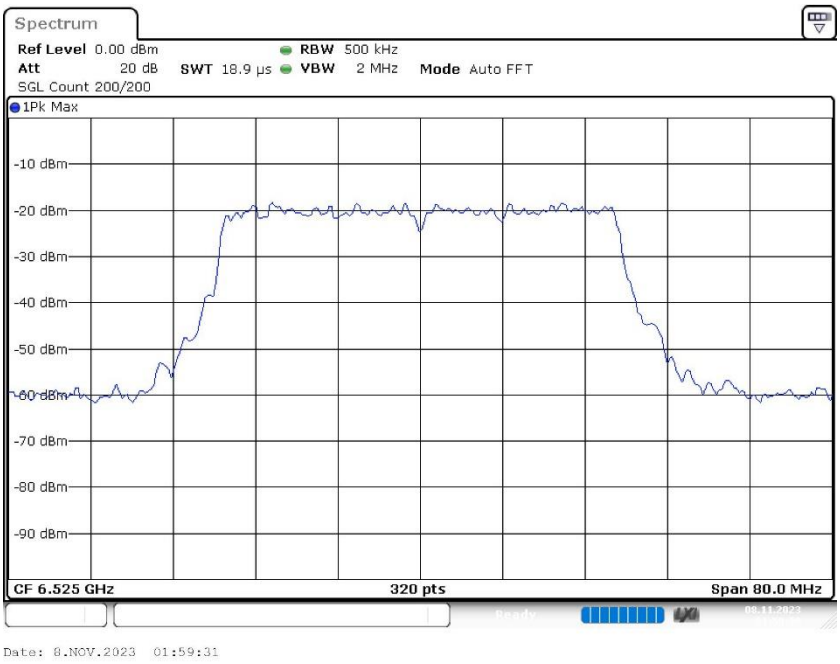
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6525.000000	38.250000	19.125000	19.125000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6525.000000	6505.875000	5925.000000	6544.125000	7125.000000	PASS



Bandwidth



Measurement

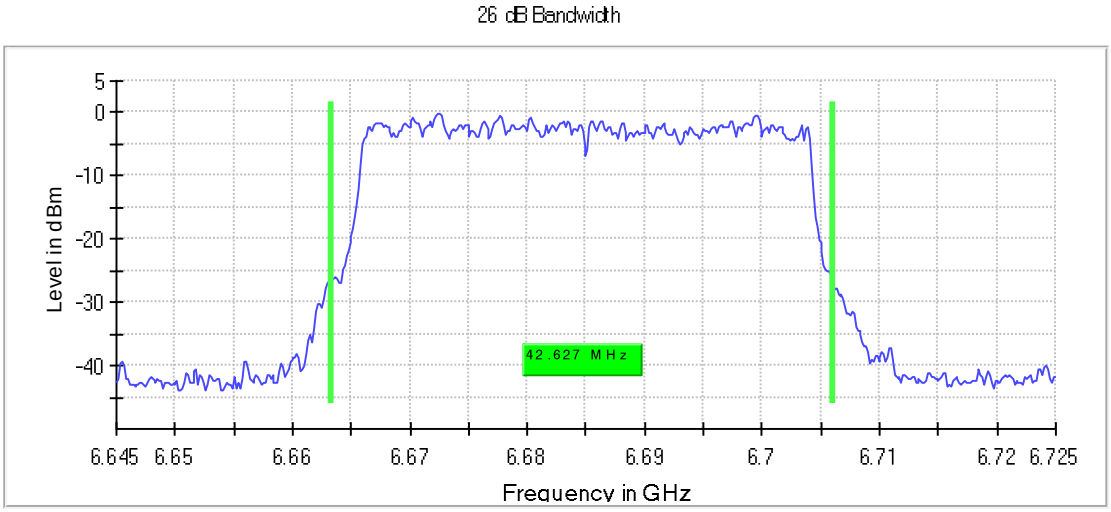
Setting	Instrument Value	Target Value
Start Frequency	6.48500 GHz	6.48500 GHz
Stop Frequency	6.56500 GHz	6.56500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
Sweeptime	18.906 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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

Emission Bandwidth 26 dB (6685 MHz; 24.000 dBm; 40 MHz)

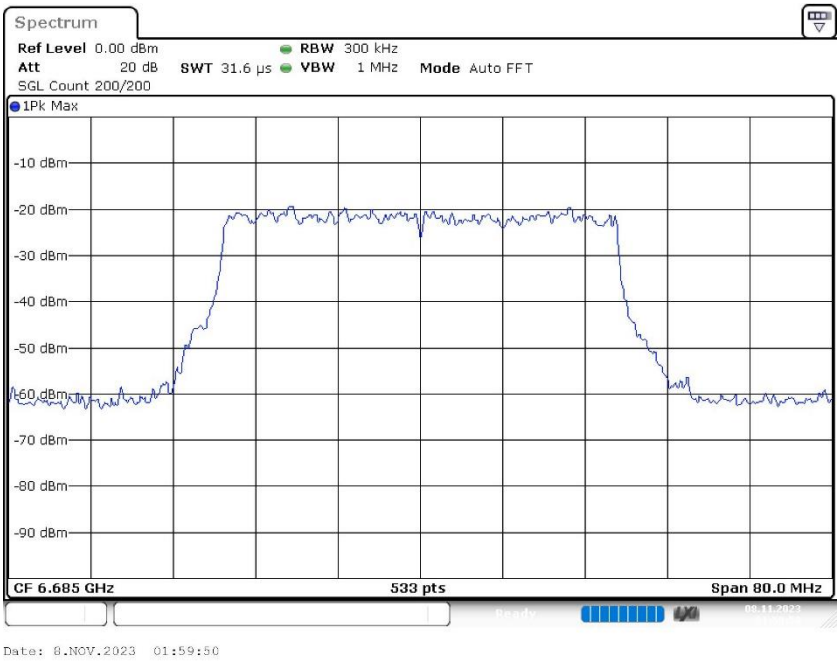
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6685.000000	42.626641	---	320.000000	6663.386492	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6685.000000	6706.013133	---	-0.2	PASS



Bandwidth



In-Band Emissions (6685 MHz; 24.000 dBm; 40 MHz)

Result

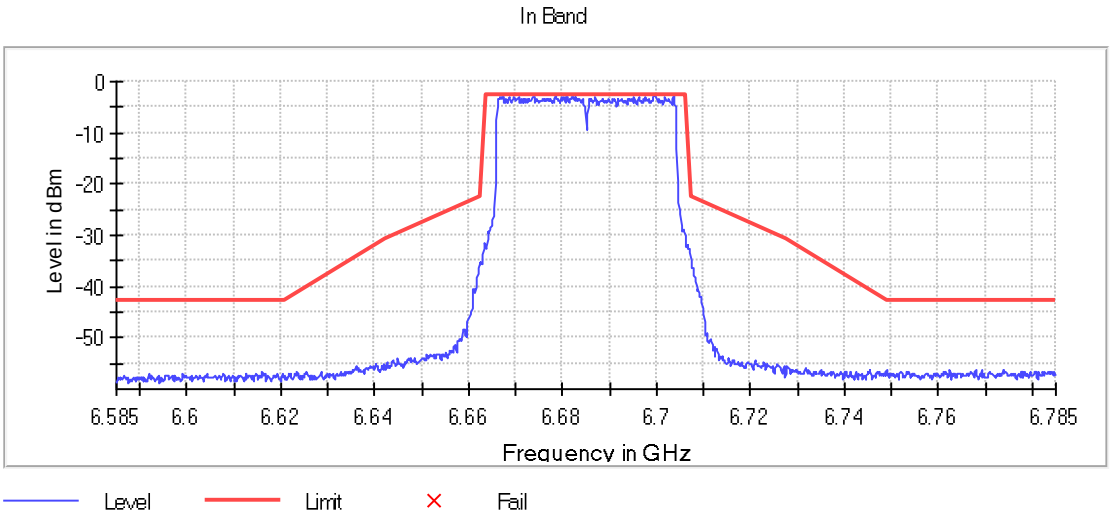
DUT Frequency (MHz)	Result
6685.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6703.604651	-2.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6699.703676	-2.7	0.1	-2.6	PASS
6699.553638	-2.7	0.1	-2.6	PASS
6678.548387	-2.8	0.2	-2.6	PASS
6667.295574	-2.9	0.2	-2.6	PASS
6673.747187	-2.9	0.3	-2.6	PASS
6667.145536	-2.9	0.3	-2.6	PASS
6669.546137	-2.9	0.3	-2.6	PASS
6699.403601	-3.0	0.4	-2.6	PASS
6686.950488	-3.0	0.4	-2.6	PASS
6673.597149	-3.0	0.4	-2.6	PASS
6680.198800	-3.0	0.4	-2.6	PASS
6668.645911	-3.0	0.4	-2.6	PASS
6681.999250	-3.1	0.4	-2.6	PASS
6666.695424	-3.1	0.4	-2.6	PASS
6666.845461	-3.1	0.5	-2.6	PASS

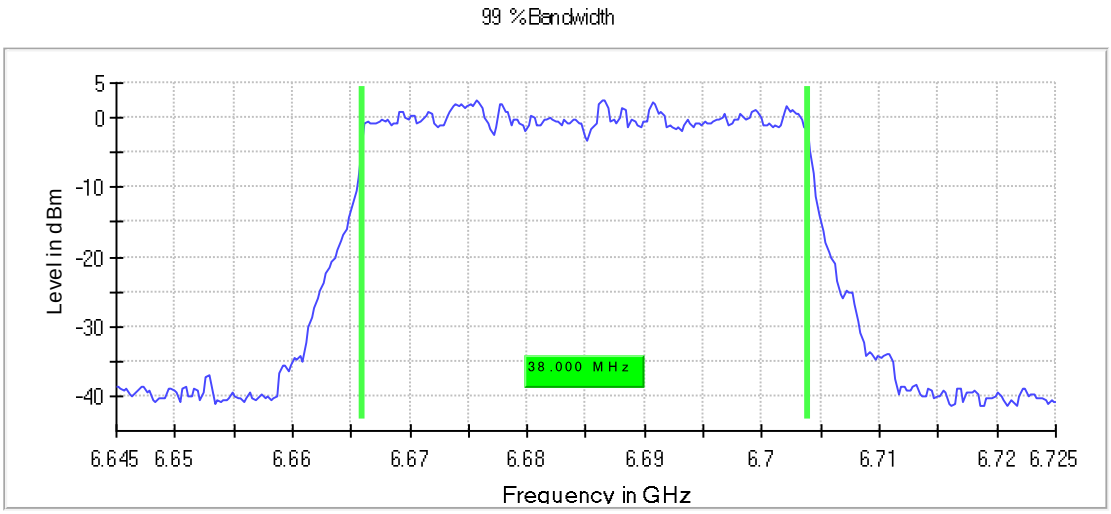


Occupied Channel Bandwidth 99% (6685 MHz; 24.000 dBm; 40 MHz)

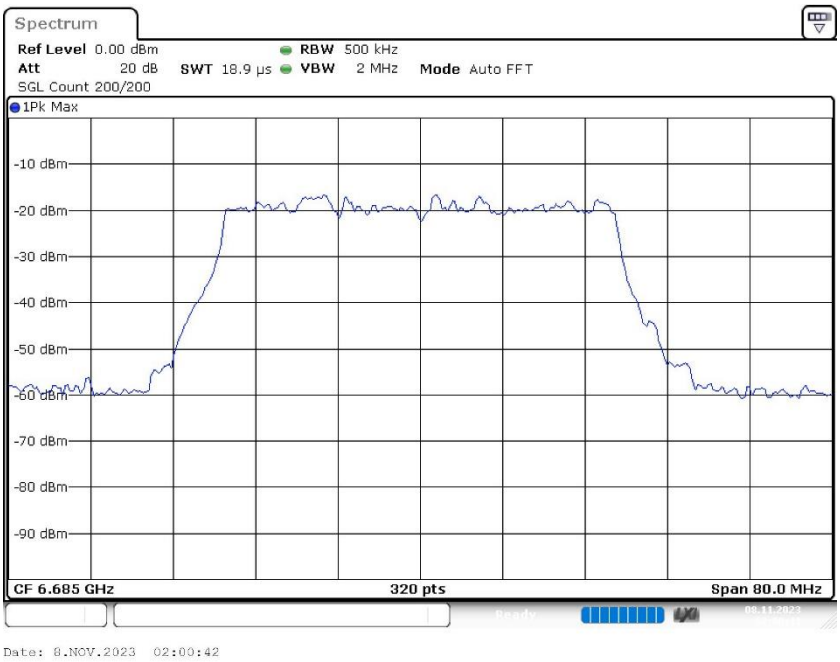
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6685.000000	38.000000	---	320.000000	6665.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6685.000000	6703.875000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.64500 GHz	6.64500 GHz
Stop Frequency	6.72500 GHz	6.72500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz

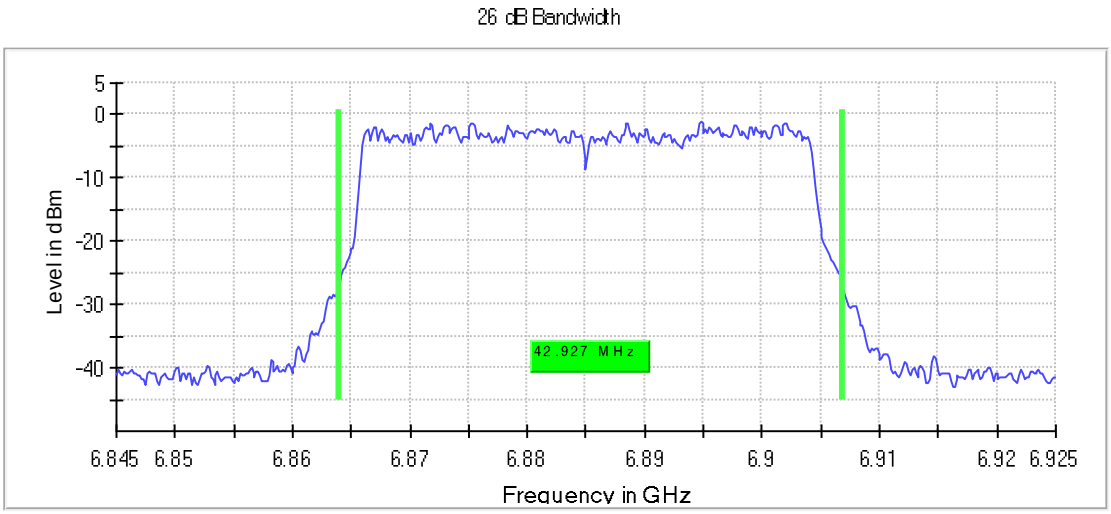
SweepPoints	320	~ 320
Sweeptime	18.906 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (6885 MHz; 24.000 dBm; 40 MHz)

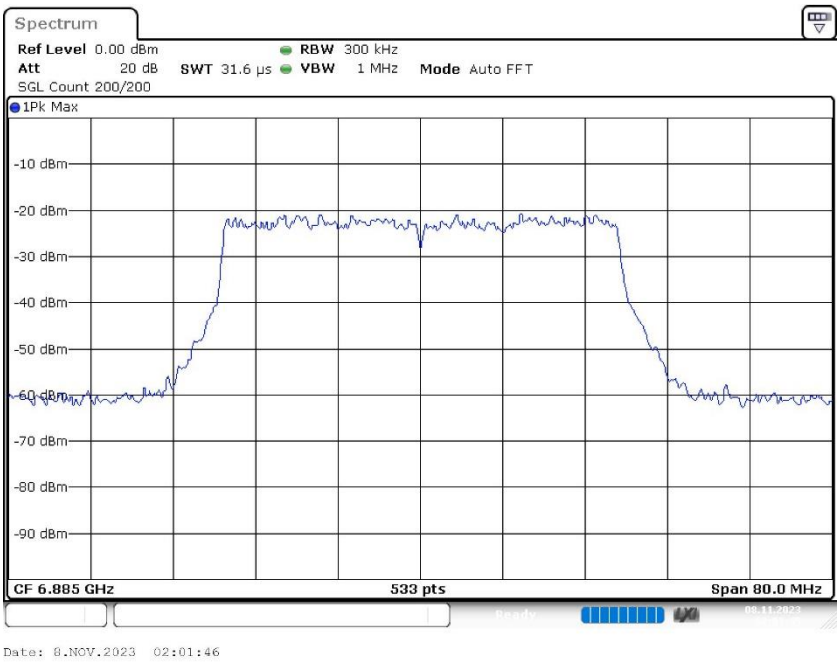
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	42.926829	11.013133	31.913696	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6885.000000	6863.986867	---	6906.913696	---	-1.2	PASS



Bandwidth



In-Band Emissions (6885 MHz; 24.000 dBm; 40 MHz)

Result

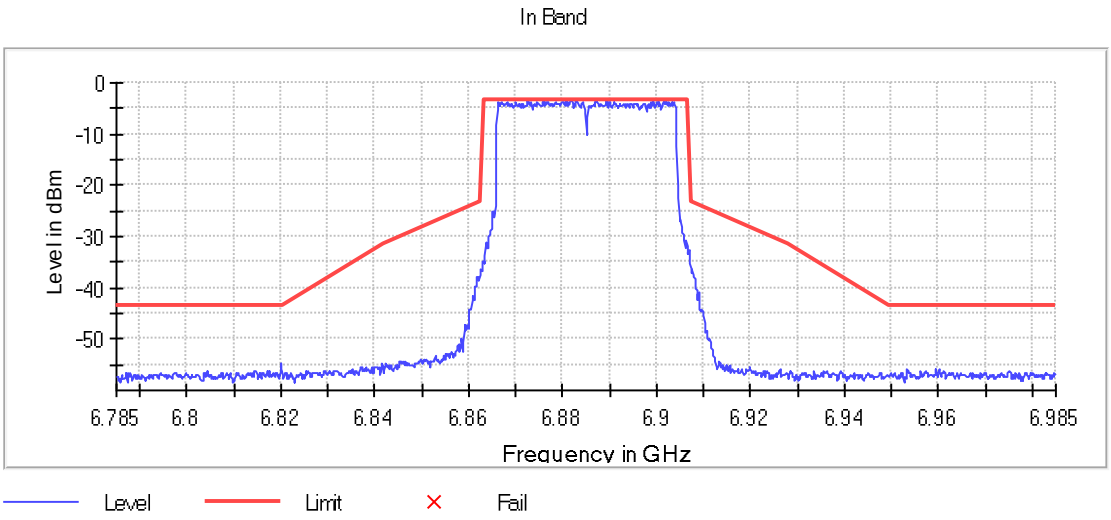
DUT Frequency (MHz)	Result
6885.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6882.899475	-3.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6882.899475	-3.4	0.0	-3.4	PASS
6889.351088	-3.4	0.0	-3.4	PASS
6872.546887	-3.4	0.0	-3.4	PASS
6887.100525	-3.4	0.0	-3.4	PASS
6899.403601	-3.4	0.1	-3.4	PASS
6881.999250	-3.5	0.1	-3.4	PASS
6881.849212	-3.5	0.1	-3.4	PASS
6880.798950	-3.5	0.1	-3.4	PASS
6901.504126	-3.5	0.2	-3.4	PASS
6875.997749	-3.6	0.2	-3.4	PASS
6866.245311	-3.6	0.2	-3.4	PASS
6900.303826	-3.6	0.2	-3.4	PASS
6866.995499	-3.6	0.2	-3.4	PASS
6876.897974	-3.6	0.2	-3.4	PASS
6887.250563	-3.6	0.2	-3.4	PASS

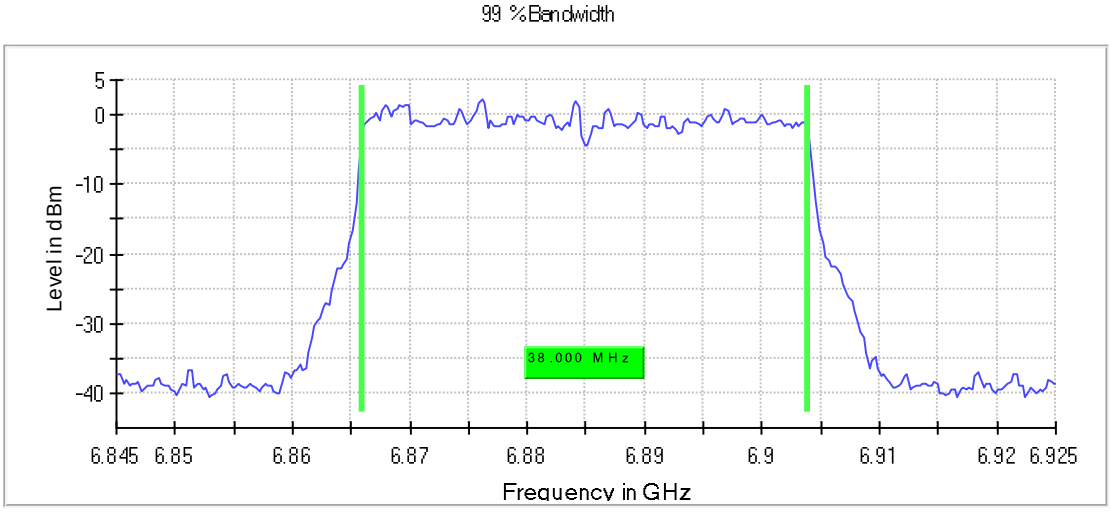


Occupied Channel Bandwidth 99% (6885 MHz; 24.000 dBm; 40 MHz)

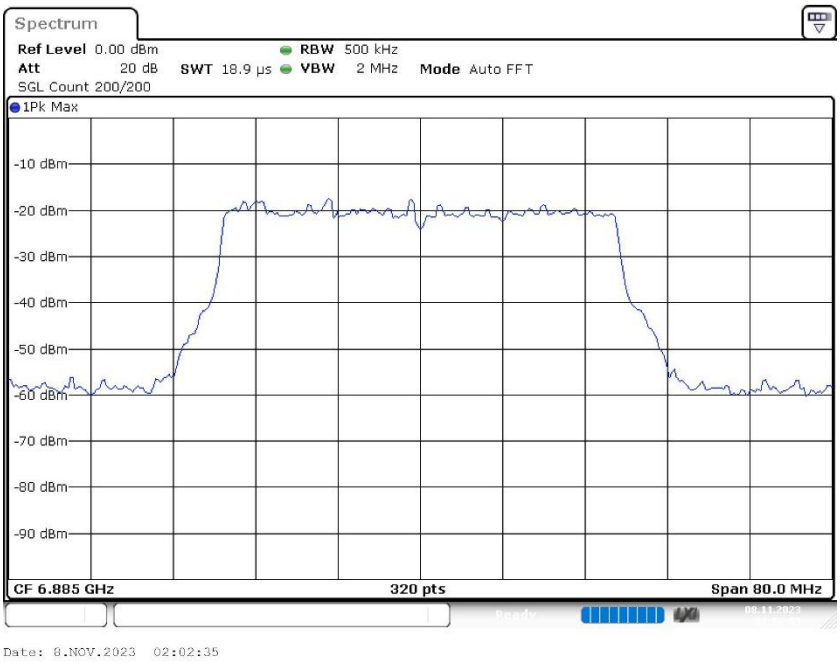
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6885.000000	38.000000	9.125000	28.875000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6885.000000	6865.875000	5925.000000	6903.875000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.84500 GHz	6.84500 GHz
Stop Frequency	6.92500 GHz	6.92500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
Sweeptime	18.906 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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

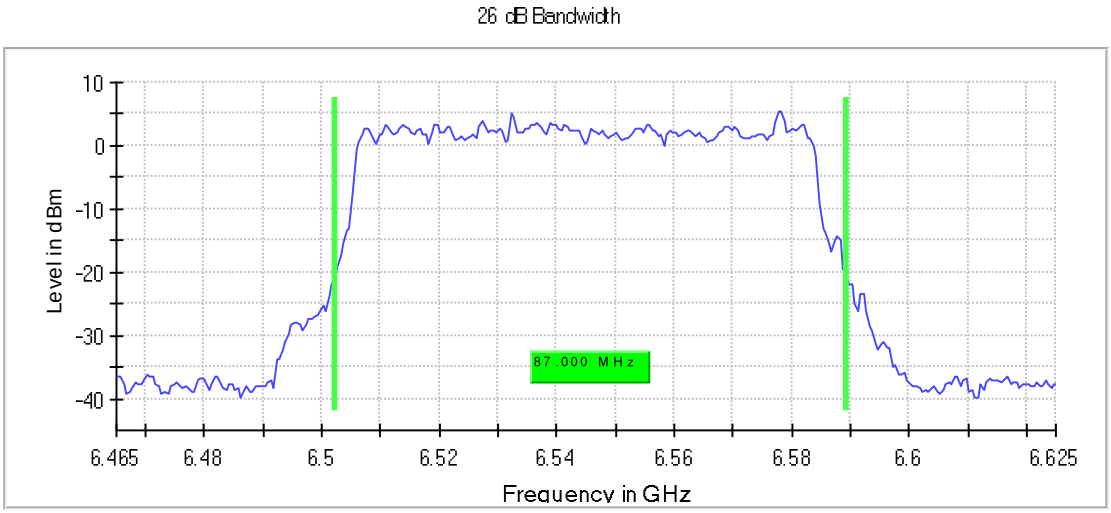
Emission Bandwidth 26 dB (6545 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

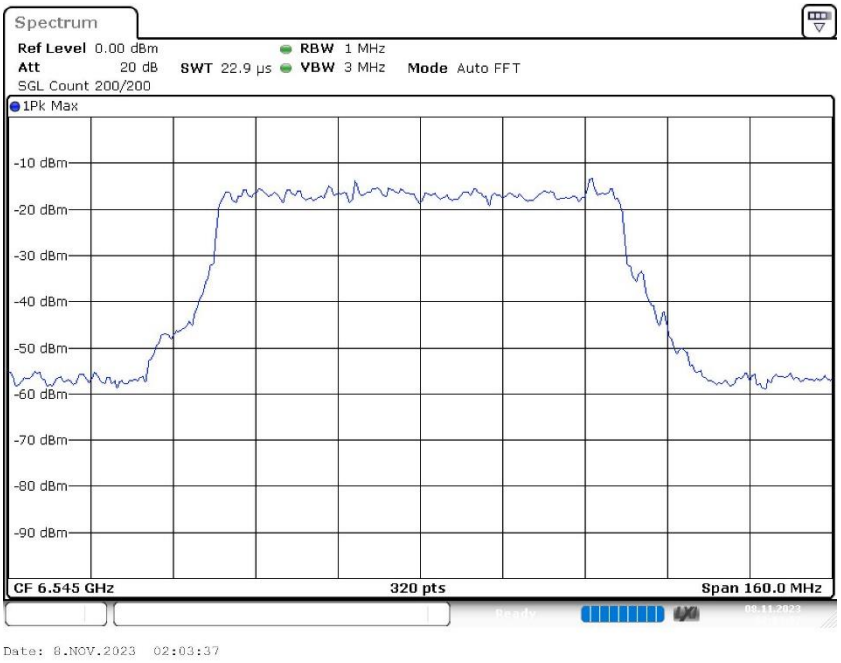
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	87.000000	22.750000	64.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result

6545.000000	6502.250000	---	6589.250000	---	5.6	PASS



Bandwidth



In-Band Emissions (6545 MHz; 24.000 dBm; 80 MHz)

Result

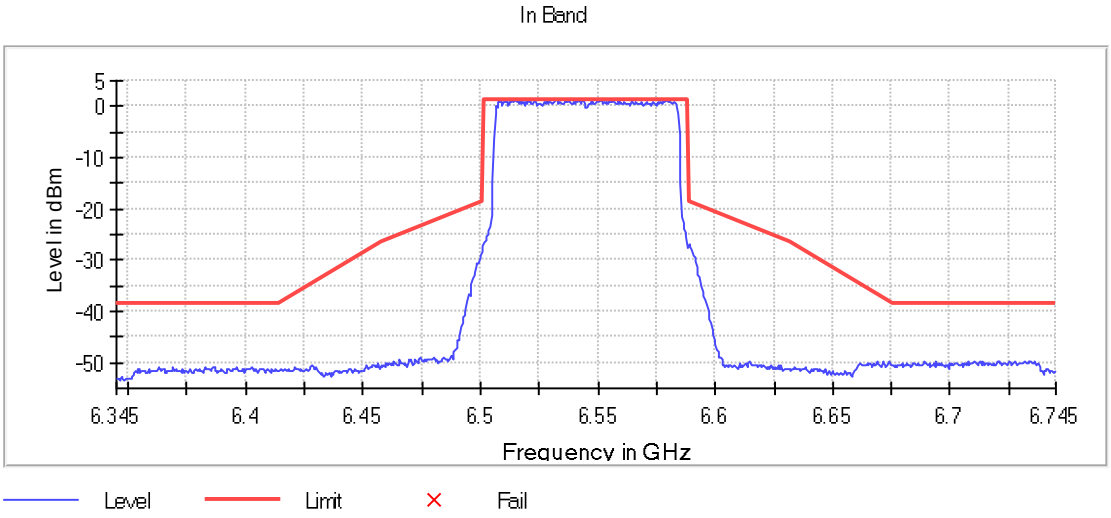
DUT Frequency (MHz)	Result
6545.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6513.750000	1.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6537.750000	1.4	0.0	1.4	PASS
6523.250000	1.4	0.0	1.4	PASS
6515.250000	1.4	0.0	1.4	PASS
6517.250000	1.3	0.0	1.4	PASS
6550.250000	1.3	0.1	1.4	PASS
6564.750000	1.3	0.1	1.4	PASS
6522.750000	1.2	0.1	1.4	PASS
6541.750000	1.2	0.2	1.4	PASS
6543.750000	1.2	0.2	1.4	PASS
6579.250000	1.2	0.2	1.4	PASS
6556.250000	1.2	0.2	1.4	PASS
6532.750000	1.2	0.2	1.4	PASS
6520.250000	1.1	0.2	1.4	PASS
6551.250000	1.1	0.2	1.4	PASS
6532.250000	1.1	0.3	1.4	PASS



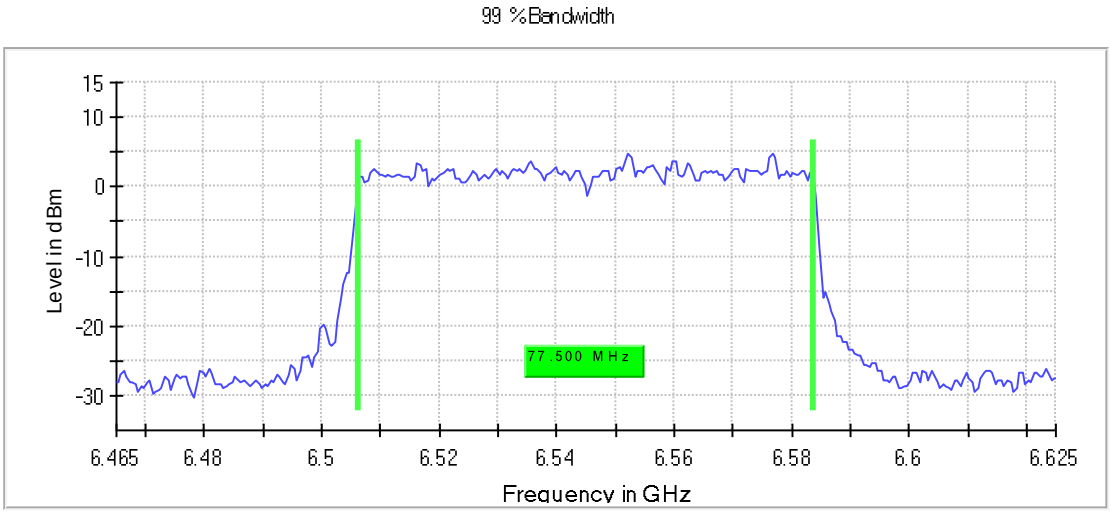
Occupied Channel Bandwidth 99% (6545 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

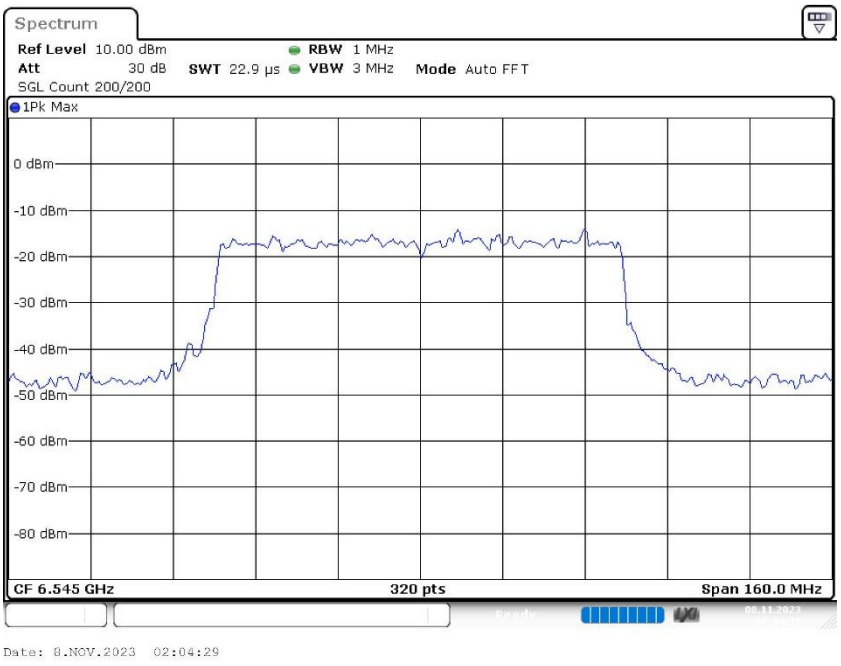
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6545.000000	77.500000	18.750000	58.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result

6545.000000	6506.250000	5925.000000	6583.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.46500 GHz	6.46500 GHz
Stop Frequency	6.62500 GHz	6.62500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 800.000 kHz
VBW	3.000 MHz	>= 3.000 MHz

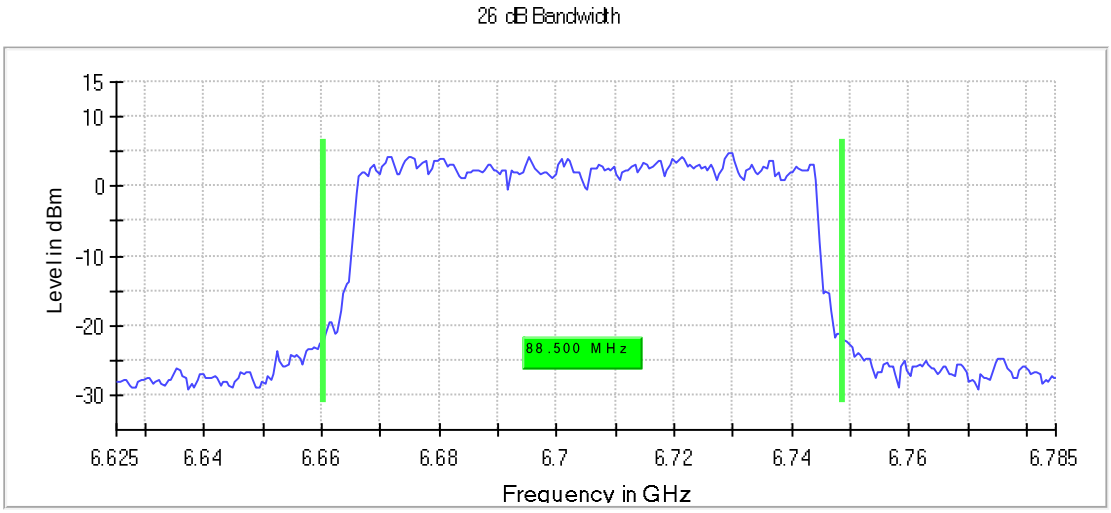
SweepPoints	320	~ 320
Sweeptime	22.875 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (6705 MHz; 24.000 dBm; 80 MHz)

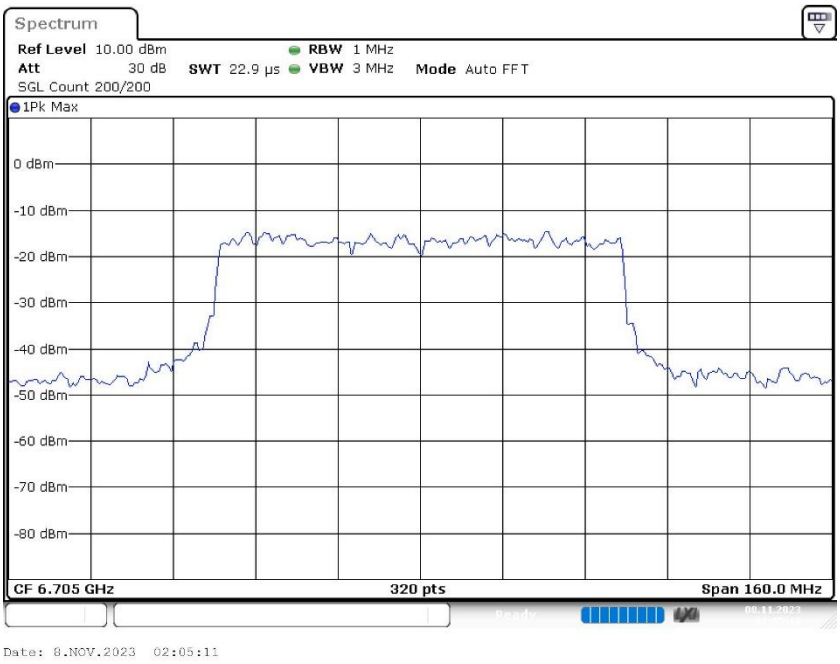
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6705.000000	88.500000	---	320.000000	6660.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6705.000000	6748.750000	---	4.7	PASS



Bandwidth



In-Band Emissions (6705 MHz; 24.000 dBm; 80 MHz)

Result

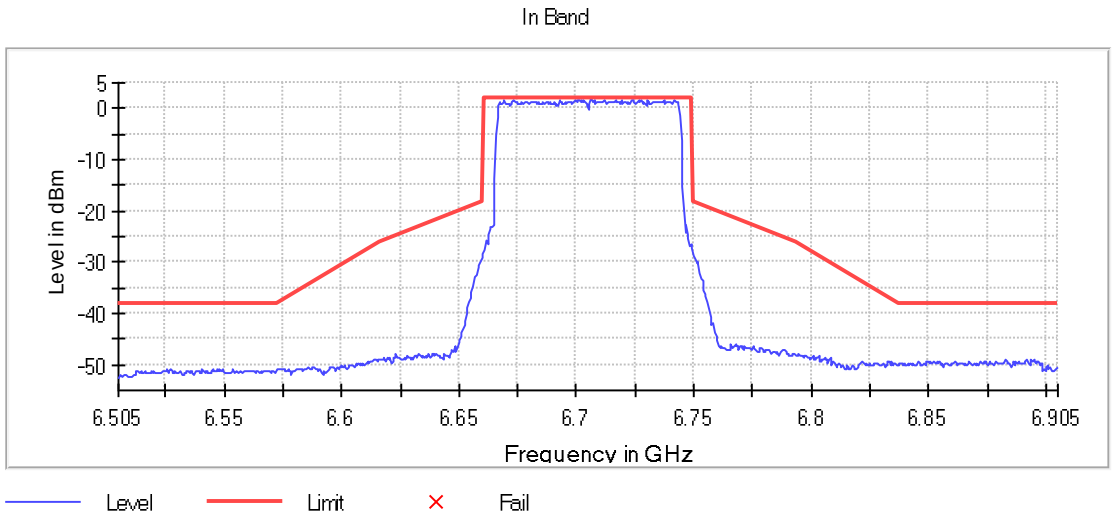
DUT Frequency (MHz)	Result
6705.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6706.250000	1.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6723.750000	1.8	0.1	1.9	PASS
6724.250000	1.8	0.1	1.9	PASS
6719.250000	1.7	0.2	1.9	PASS
6737.250000	1.7	0.2	1.9	PASS
6711.750000	1.7	0.2	1.9	PASS
6699.250000	1.6	0.2	1.9	PASS
6699.750000	1.6	0.2	1.9	PASS
6700.750000	1.6	0.3	1.9	PASS
6741.750000	1.6	0.3	1.9	PASS
6730.250000	1.5	0.3	1.9	PASS
6669.250000	1.5	0.3	1.9	PASS
6723.250000	1.5	0.3	1.9	PASS
6707.750000	1.5	0.3	1.9	PASS
6701.250000	1.5	0.3	1.9	PASS
6716.750000	1.5	0.3	1.9	PASS

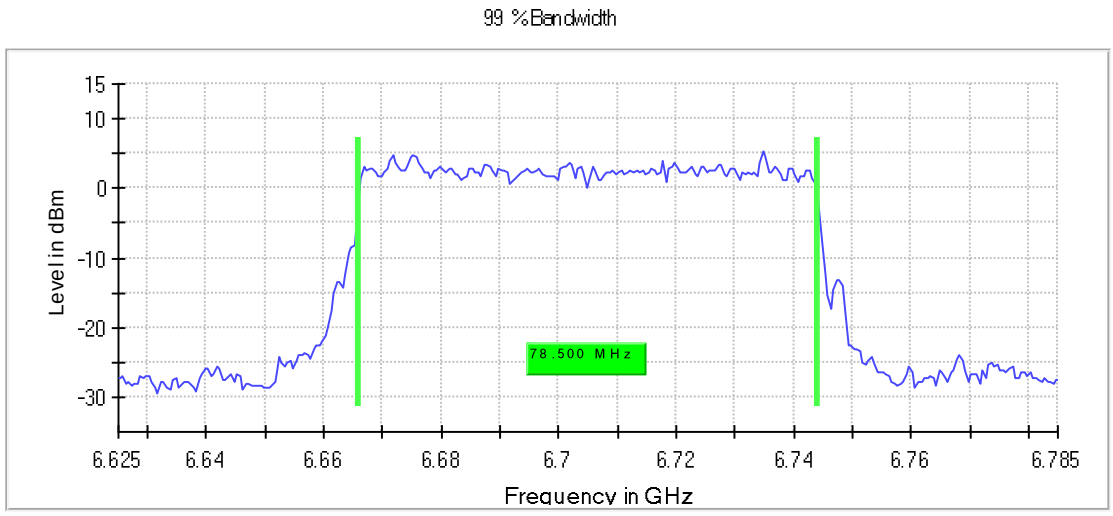


Occupied Channel Bandwidth 99% (6705 MHz; 24.000 dBm; 80 MHz)

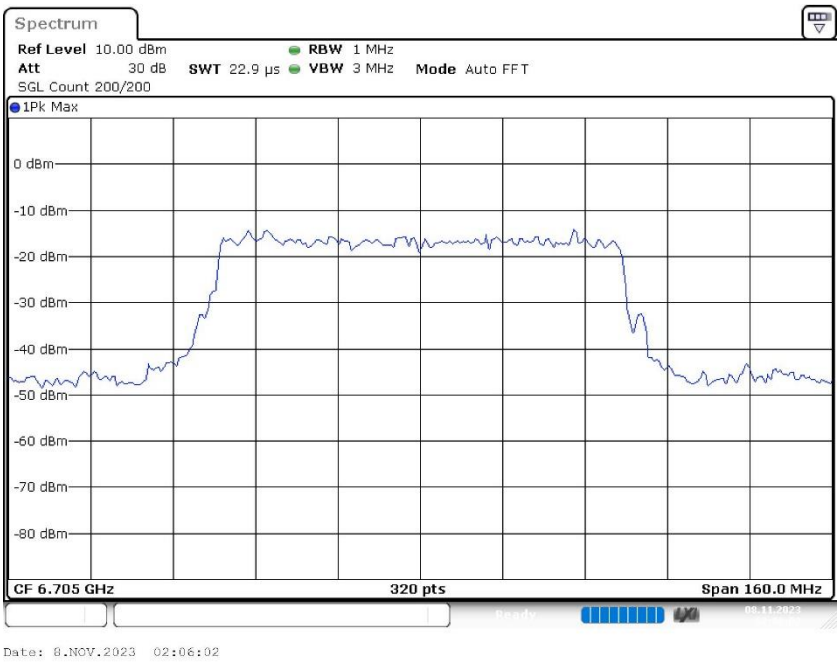
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6705.000000	78.500000	---	320.000000	6665.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6705.000000	6744.250000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.62500 GHz	6.62500 GHz
Stop Frequency	6.78500 GHz	6.78500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 800.000 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
Sweeptime	22.875 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

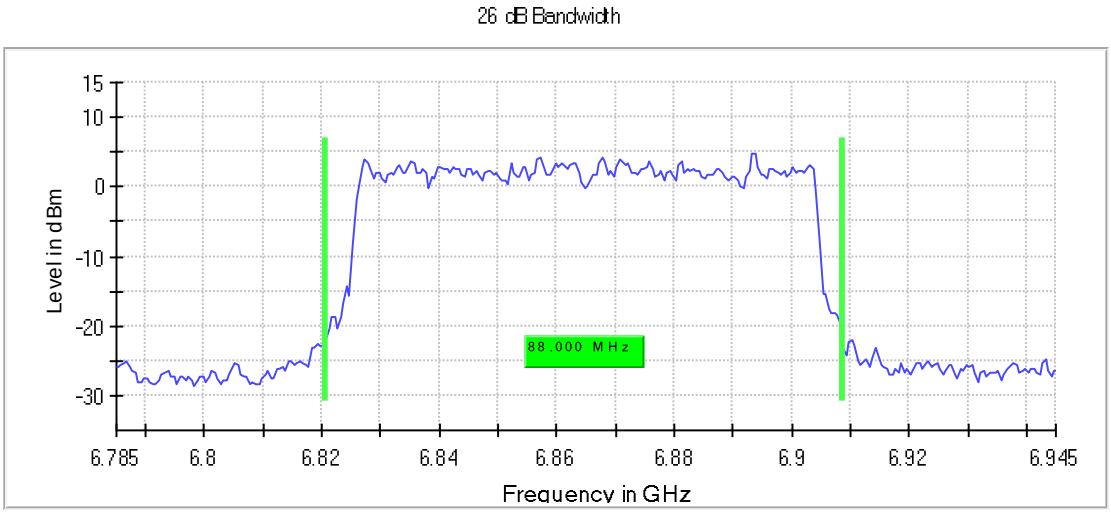
Emission Bandwidth 26 dB (6865 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

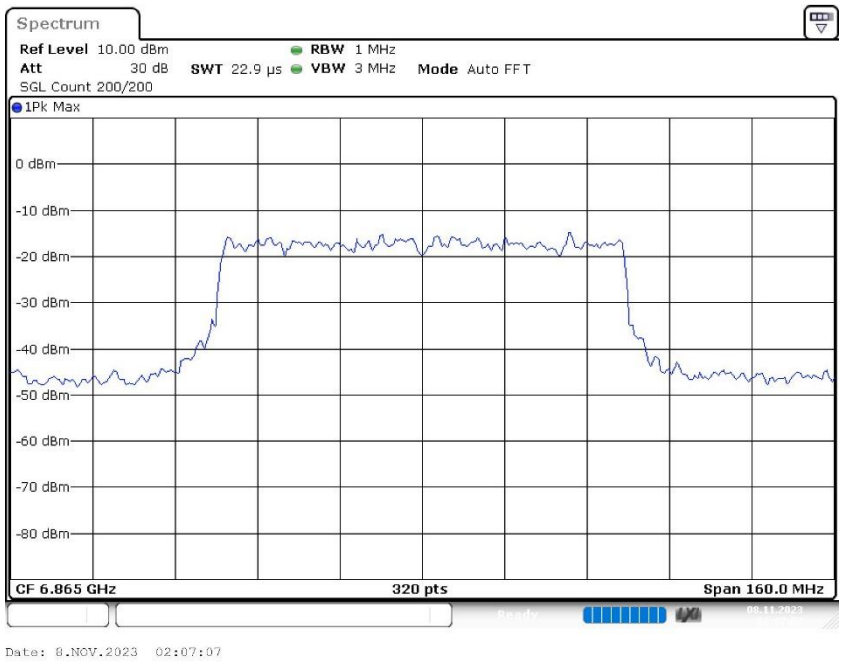
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	88.000000	54.250000	33.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result

6865.000000	6820.750000	---	6908.750000	---	4.9	PASS



Bandwidth



In-Band Emissions (6865 MHz; 24.000 dBm; 80 MHz)

Result

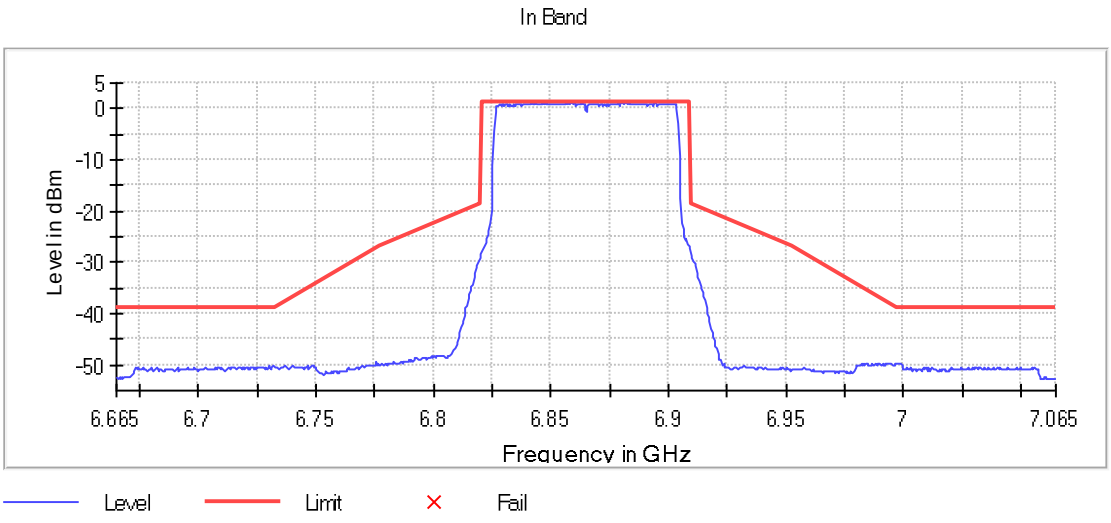
DUT Frequency (MHz)	Result
6865.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6863.250000	1.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6846.750000	1.2	0.0	1.2	PASS
6843.250000	1.2	0.0	1.2	PASS
6860.250000	1.2	0.0	1.2	PASS
6883.250000	1.2	0.1	1.2	PASS
6858.750000	1.1	0.1	1.2	PASS
6882.250000	1.1	0.1	1.2	PASS
6859.750000	1.1	0.1	1.2	PASS
6841.750000	1.1	0.1	1.2	PASS
6881.750000	1.1	0.1	1.2	PASS
6847.750000	1.1	0.1	1.2	PASS
6894.250000	1.1	0.1	1.2	PASS
6880.250000	1.1	0.1	1.2	PASS
6878.750000	1.1	0.1	1.2	PASS
6856.750000	1.1	0.1	1.2	PASS
6857.750000	1.1	0.1	1.2	PASS

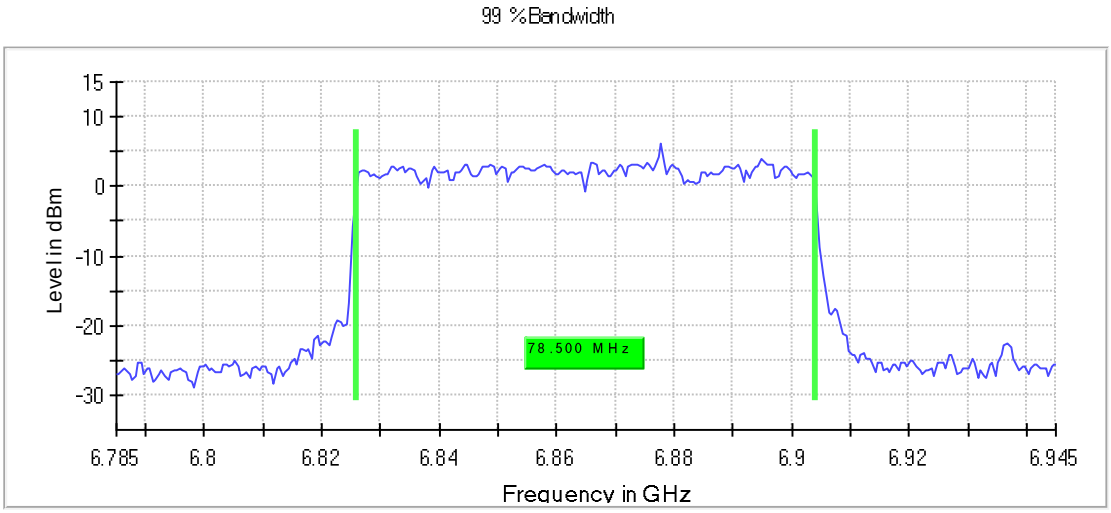


Occupied Channel Bandwidth 99% (6865 MHz; 24.000 dBm; 80 MHz)

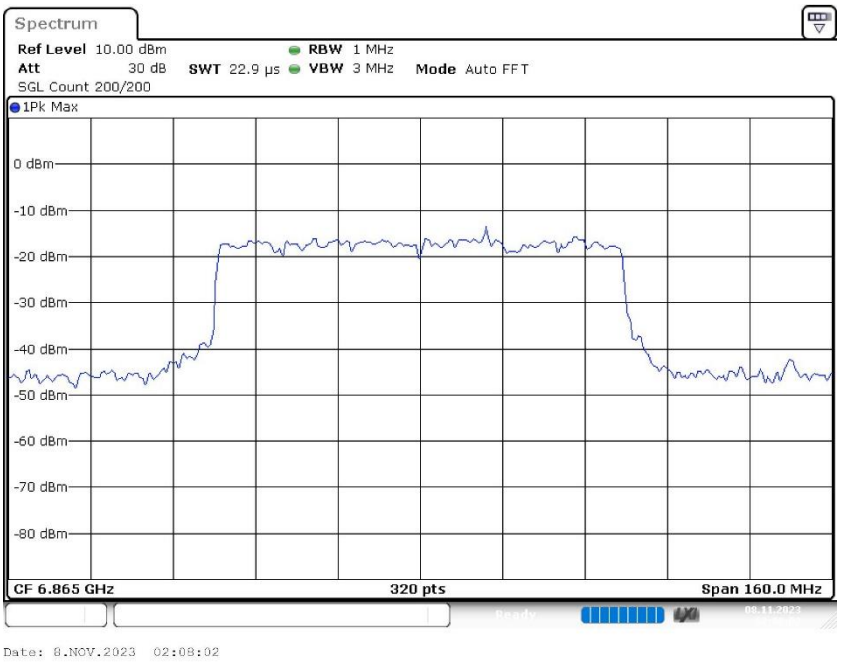
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	78.500000	49.250000	29.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6865.000000	6825.750000	5925.000000	6904.250000	7125.000000	PASS



Bandwidth



Measurement

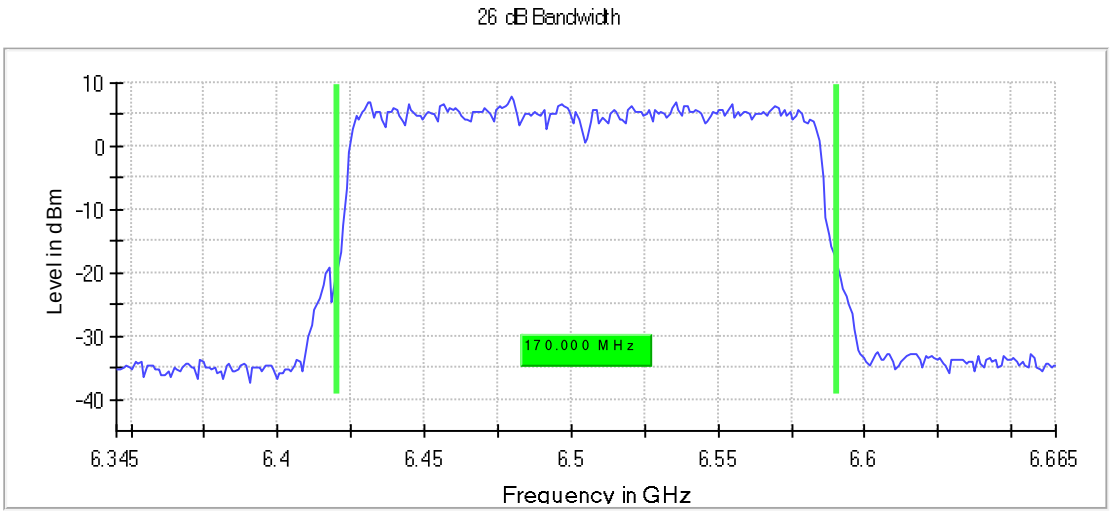
Setting	Instrument Value	Target Value
Start Frequency	6.78500 GHz	6.78500 GHz
Stop Frequency	6.94500 GHz	6.94500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 800.000 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
Sweeptime	22.875 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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

Emission Bandwidth 26 dB (6505 MHz; 24.000 dBm; 160 MHz)

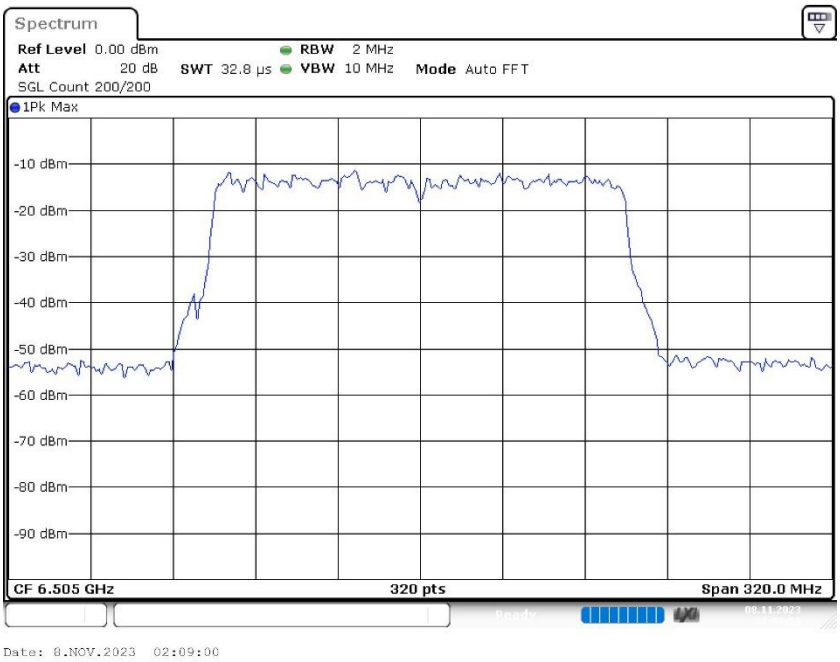
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	170.000000	104.500000	65.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6505.000000	6420.500000	---	6590.500000	---	7.7	PASS



Bandwidth



In-Band Emissions (6505 MHz; 24.000 dBm; 160 MHz)

Result

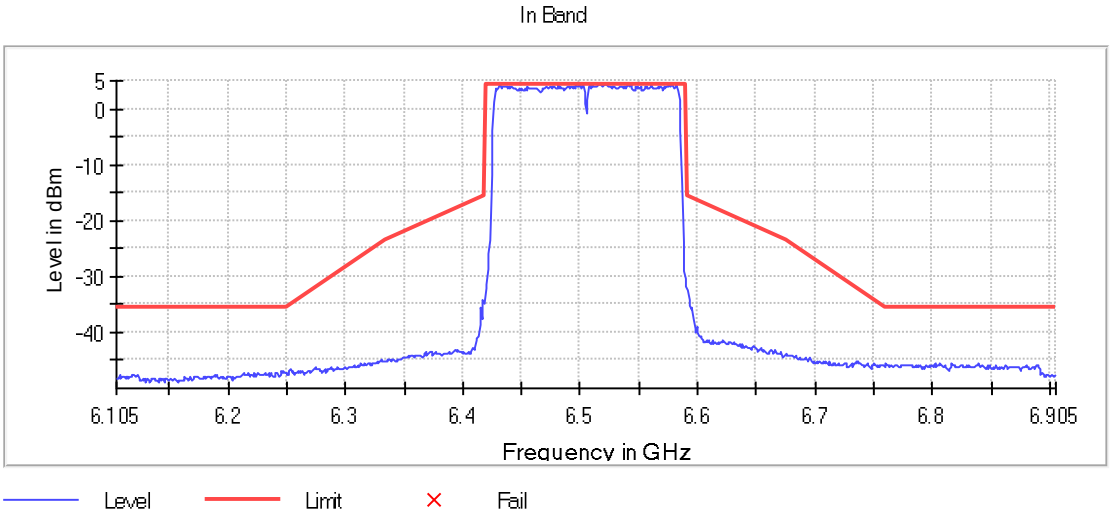
DUT Frequency (MHz)	Result
6505.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6582.500000	4.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6540.500000	4.4	0.1	4.5	PASS
6515.500000	4.4	0.1	4.5	PASS
6510.500000	4.4	0.1	4.5	PASS
6522.500000	4.4	0.1	4.5	PASS
6578.500000	4.3	0.2	4.5	PASS
6502.500000	4.3	0.2	4.5	PASS
6520.500000	4.3	0.2	4.5	PASS
6499.500000	4.3	0.2	4.5	PASS
6516.500000	4.3	0.2	4.5	PASS
6431.500000	4.2	0.2	4.5	PASS
6560.500000	4.2	0.2	4.5	PASS
6496.500000	4.2	0.2	4.5	PASS
6481.500000	4.2	0.2	4.5	PASS
6543.500000	4.2	0.3	4.5	PASS
6521.500000	4.2	0.3	4.5	PASS

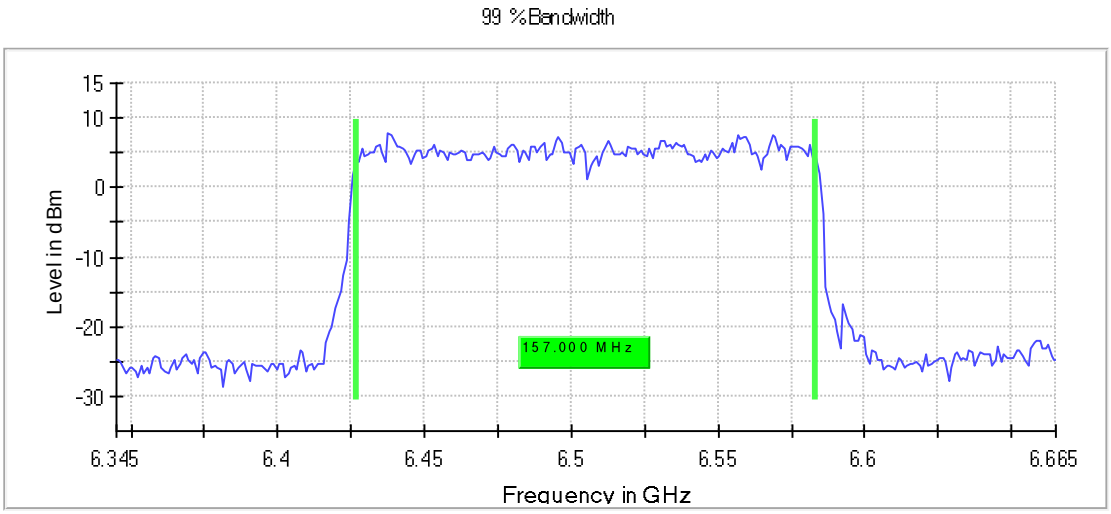


Occupied Channel Bandwidth 99% (6505 MHz; 24.000 dBm; 160 MHz)

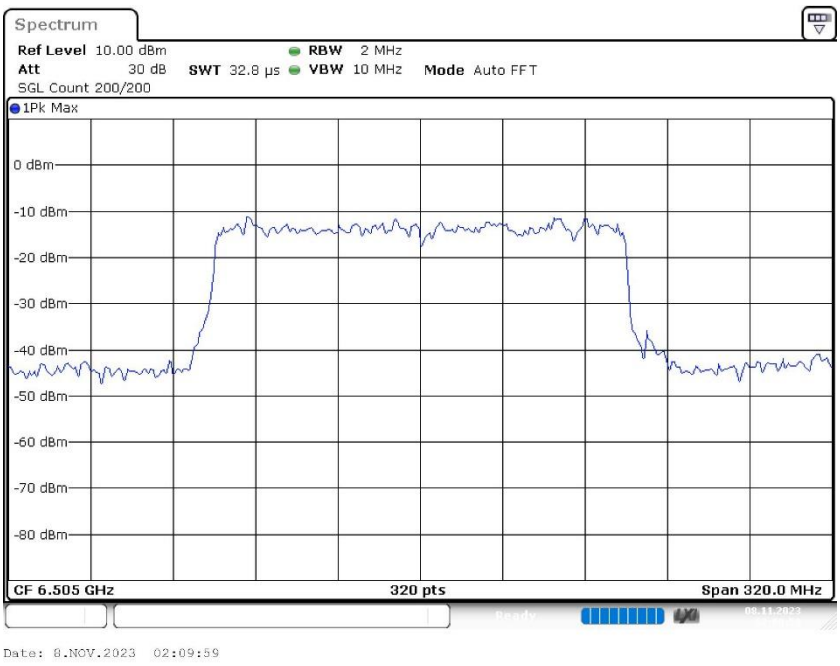
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	157.000000	98.500000	58.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6505.000000	6426.500000	5925.000000	6583.500000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.34500 GHz	6.34500 GHz

Stop Frequency	6.66500 GHz	6.66500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320
Sweeptime	32.813 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

Tx Spurious Emission (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

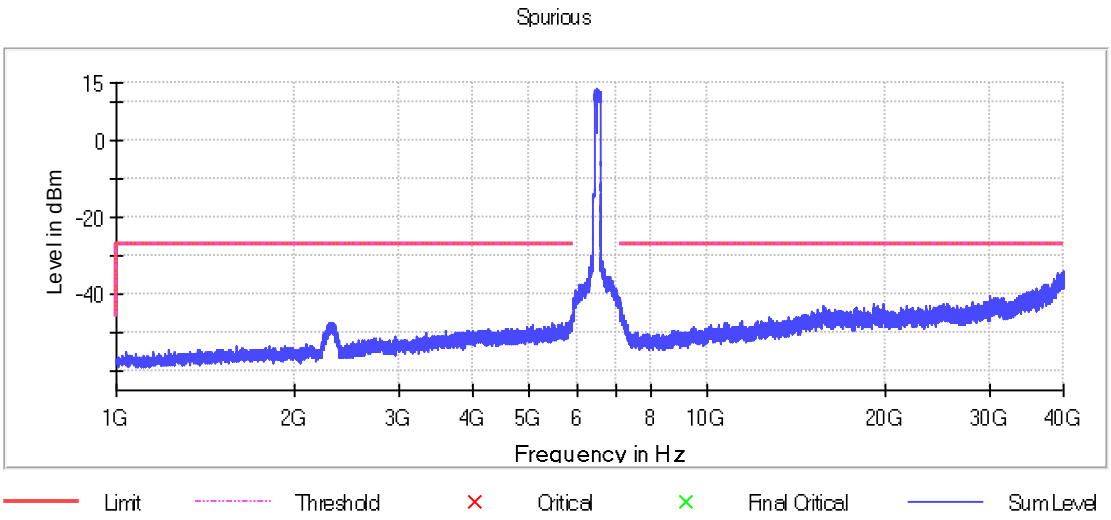
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39958.750000	-33.8	6.8	-27.0
39978.750000	-34.4	7.4	-27.0
39958.250000	-34.5	7.5	-27.0
39984.750000	-34.7	7.7	-27.0
39739.750000	-34.7	7.7	-27.0
39176.250000	-34.7	7.7	-27.0
39579.250000	-34.8	7.8	-27.0
39788.750000	-34.8	7.8	-27.0
39995.250000	-34.8	7.8	-27.0
39977.750000	-34.8	7.8	-27.0
39941.750000	-34.8	7.8	-27.0
39987.750000	-34.9	7.9	-27.0
39979.250000	-34.9	7.9	-27.0
39350.750000	-34.9	7.9	-27.0
39140.750000	-34.9	7.9	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2



Emissions in restricted frequency bands (Average) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

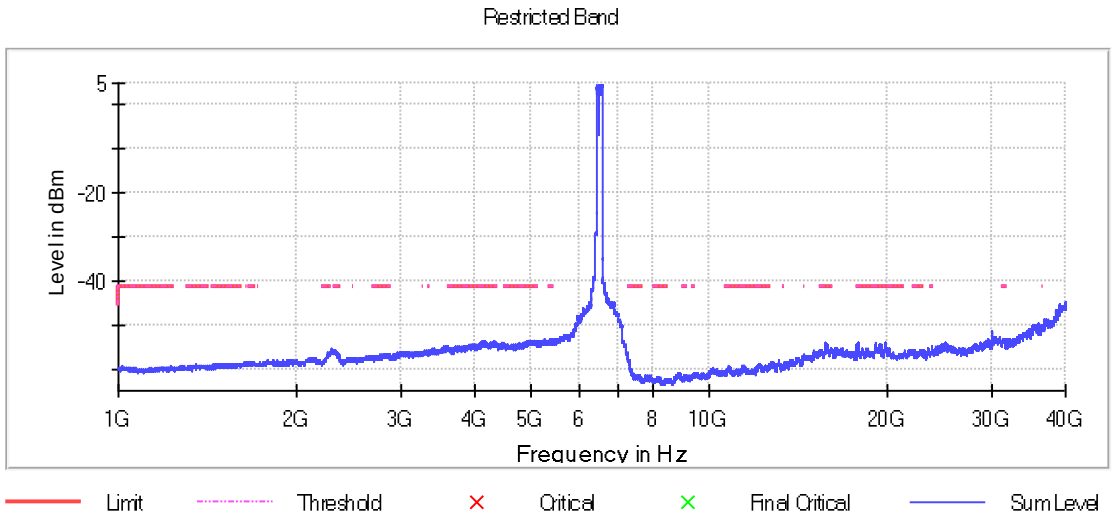
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36485.953564	-50.4	9.2	-41.2
36492.828349	-50.4	9.2	-41.2
36499.703134	-50.5	9.3	-41.2
36468.766601	-50.5	9.3	-41.2
36483.891128	-50.5	9.3	-41.2
36470.141558	-50.5	9.3	-41.2
36491.453392	-50.5	9.3	-41.2
36482.516171	-50.5	9.3	-41.2
36478.391300	-50.6	9.4	-41.2
36484.578607	-50.6	9.4	-41.2
36498.328177	-50.6	9.4	-41.2
36493.515828	-50.6	9.4	-41.2
36438.517546	-50.6	9.4	-41.2
36463.266773	-50.6	9.4	-41.2
36496.953220	-50.6	9.4	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1



Emissions in restricted frequency bands (Peak) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

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

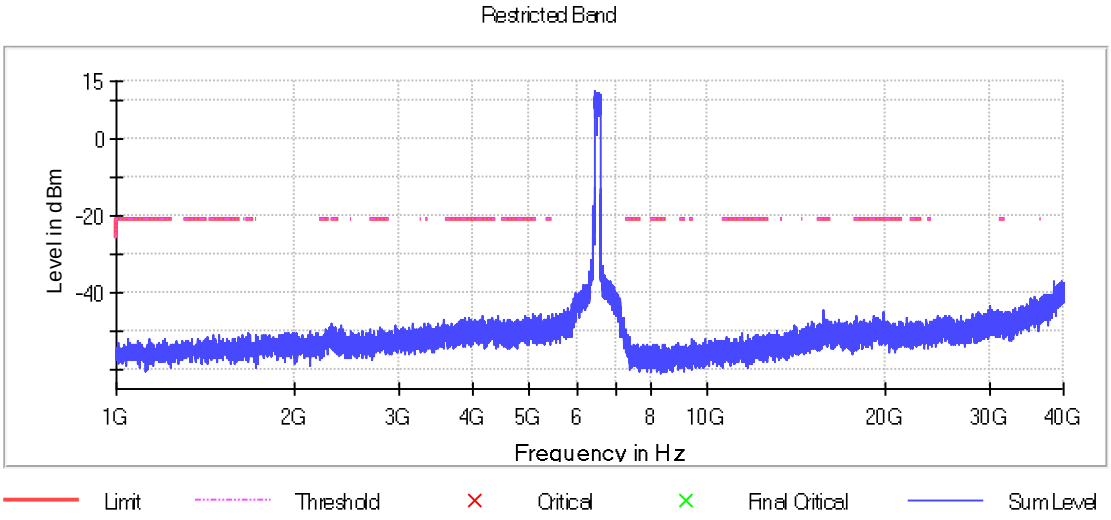
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36483.891128	-42.6	21.4	-21.2
36485.953564	-43.4	22.2	-21.2
36481.828693	-43.4	22.2	-21.2
36437.830068	-43.5	22.3	-21.2
36443.329896	-43.6	22.4	-21.2
36457.766945	-43.6	22.4	-21.2
36493.515828	-43.7	22.5	-21.2
36435.767632	-43.7	22.5	-21.2
36496.265742	-43.8	22.6	-21.2
36494.203306	-43.8	22.6	-21.2

36470.141558	-43.8	22.6	-21.2
36490.765914	-43.9	22.7	-21.2
36479.078779	-43.9	22.7	-21.2
36476.328865	-44.0	22.8	-21.2
36444.017374	-44.0	22.8	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

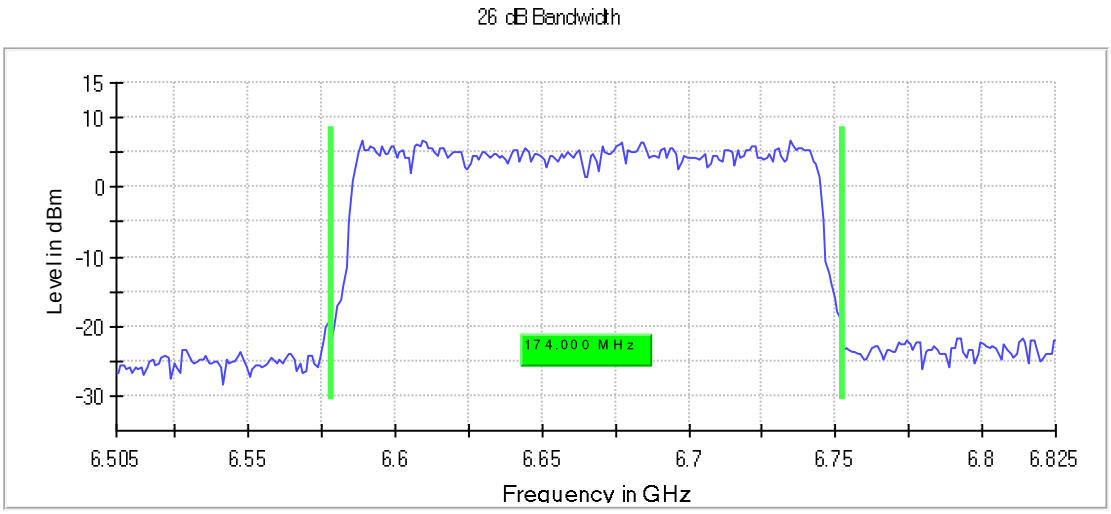


Emission Bandwidth 26 dB (6665 MHz; 24.000 dBm; 160 MHz)

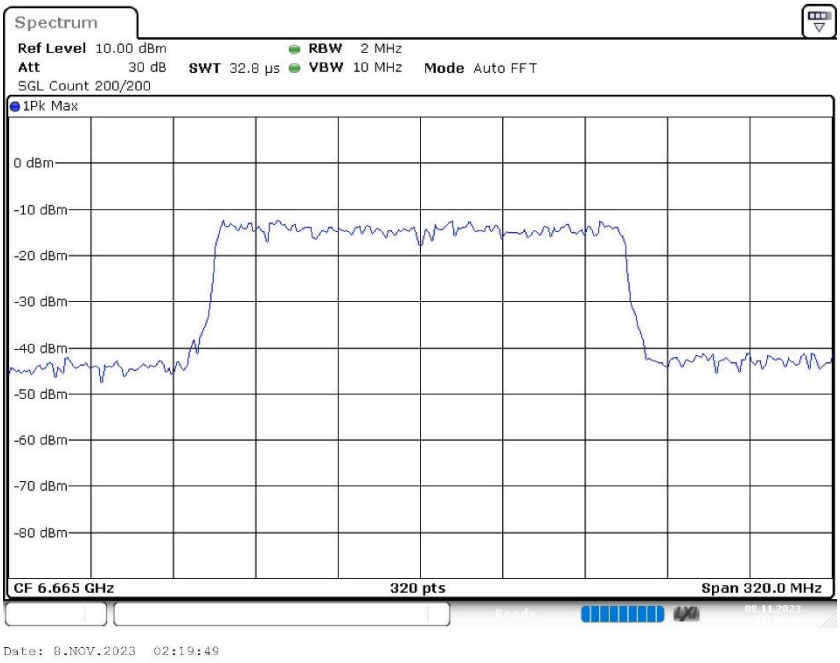
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6665.000000	174.000000	---	320.000000	6578.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6665.000000	6752.500000	---	6.7	PASS



Bandwidth



In-Band Emissions (6665 MHz; 24.000 dBm; 160 MHz)

Result

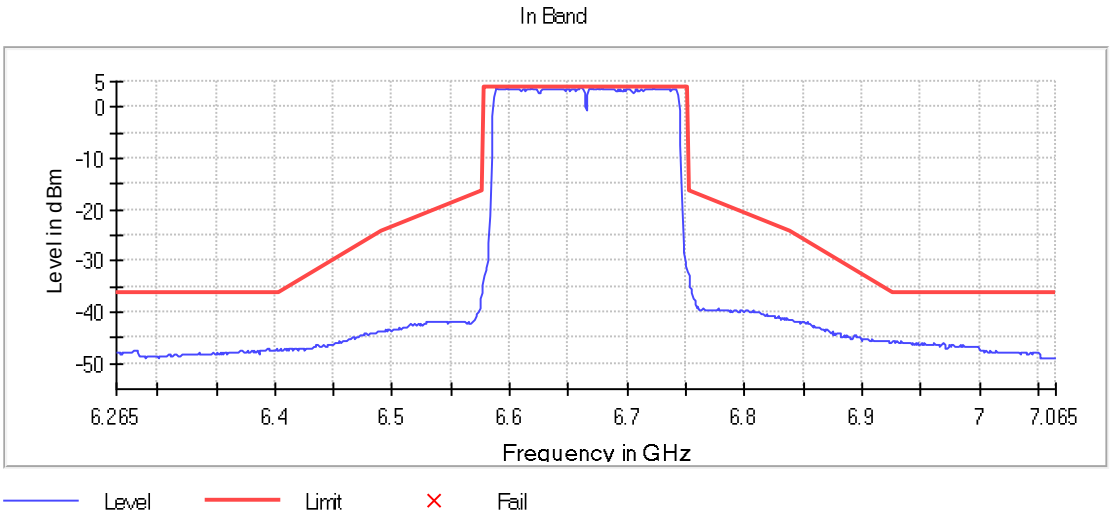
DUT Frequency (MHz)	Result
6665.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6659.500000	3.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6660.500000	3.8	0.0	3.8	PASS
6722.500000	3.7	0.1	3.8	PASS
6668.500000	3.7	0.1	3.8	PASS
6661.500000	3.7	0.1	3.8	PASS
6675.500000	3.7	0.1	3.8	PASS
6618.500000	3.7	0.1	3.8	PASS
6678.500000	3.7	0.1	3.8	PASS
6597.500000	3.7	0.1	3.8	PASS
6588.500000	3.7	0.1	3.8	PASS
6670.500000	3.7	0.1	3.8	PASS
6619.500000	3.7	0.1	3.8	PASS
6637.500000	3.7	0.1	3.8	PASS
6681.500000	3.7	0.1	3.8	PASS
6657.500000	3.7	0.1	3.8	PASS
6621.500000	3.7	0.1	3.8	PASS

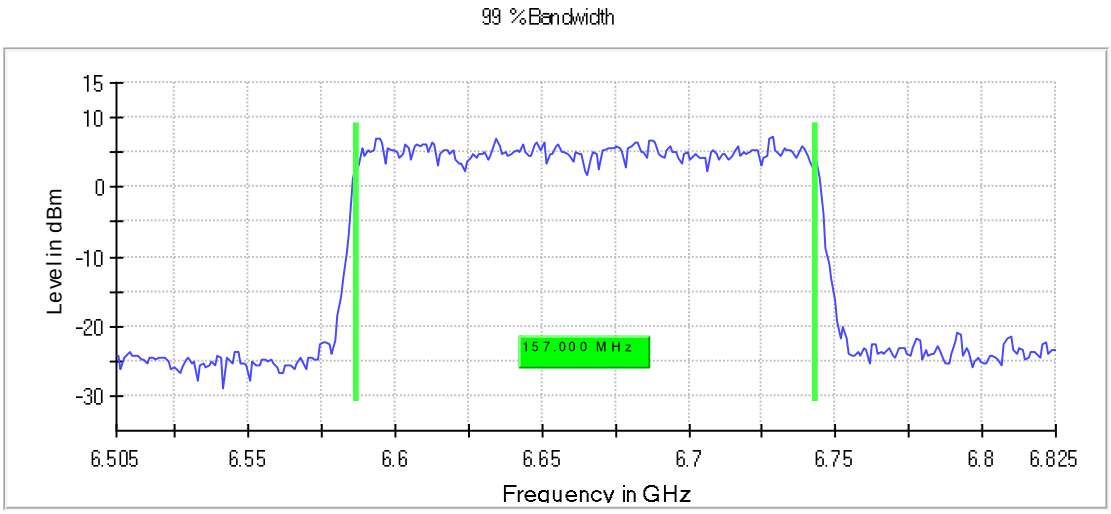


Occupied Channel Bandwidth 99% (6665 MHz; 24.000 dBm; 160 MHz)

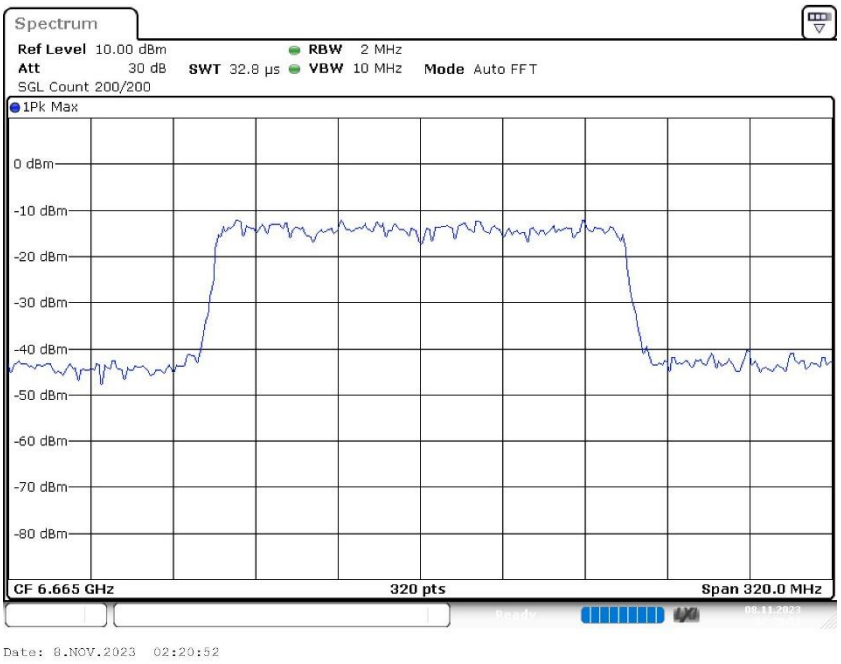
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6665.000000	157.000000	---	320.000000	6586.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6665.000000	6743.500000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.50500 GHz	6.50500 GHz
Stop Frequency	6.82500 GHz	6.82500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320

Sweeptime	32.813 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

Tx Spurious Emission (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

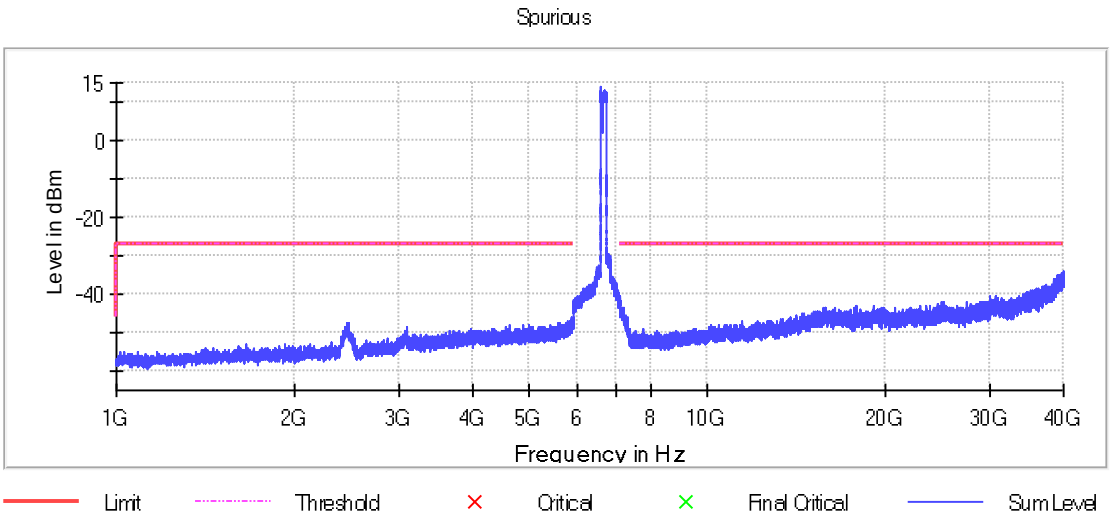
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39995.750000	-34.2	7.2	-27.0
39959.250000	-34.3	7.3	-27.0
39978.750000	-34.4	7.4	-27.0
39945.750000	-34.6	7.6	-27.0
39786.750000	-34.7	7.7	-27.0
39993.750000	-34.7	7.7	-27.0
39130.750000	-34.8	7.8	-27.0
39072.250000	-34.8	7.8	-27.0
39786.250000	-34.8	7.8	-27.0
39111.250000	-34.8	7.8	-27.0
39855.750000	-34.9	7.9	-27.0
39981.250000	-35.0	8.0	-27.0
39987.250000	-35.0	8.0	-27.0
39923.750000	-35.0	8.0	-27.0
39938.750000	-35.0	8.0	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2



Emissions in restricted frequency bands (Average) (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

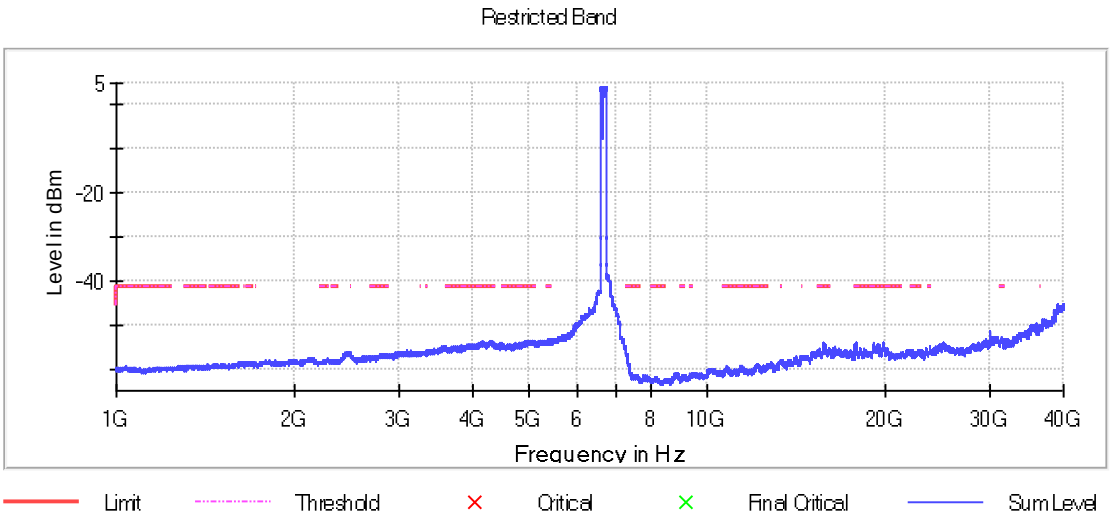
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36494.890785	-50.5	9.3	-41.2
36475.641386	-50.5	9.3	-41.2
36493.515828	-50.5	9.3	-41.2
36496.953220	-50.5	9.3	-41.2
36499.703134	-50.6	9.4	-41.2
36471.516515	-50.6	9.4	-41.2
36441.954939	-50.6	9.4	-41.2
36485.953564	-50.6	9.4	-41.2
36484.578607	-50.6	9.4	-41.2
36474.953908	-50.6	9.4	-41.2
36490.078435	-50.6	9.4	-41.2
36467.391644	-50.6	9.4	-41.2
36491.453392	-50.6	9.4	-41.2
36487.328521	-50.6	9.4	-41.2
36490.765914	-50.6	9.4	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1



Emissions in restricted frequency bands (Peak) (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

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

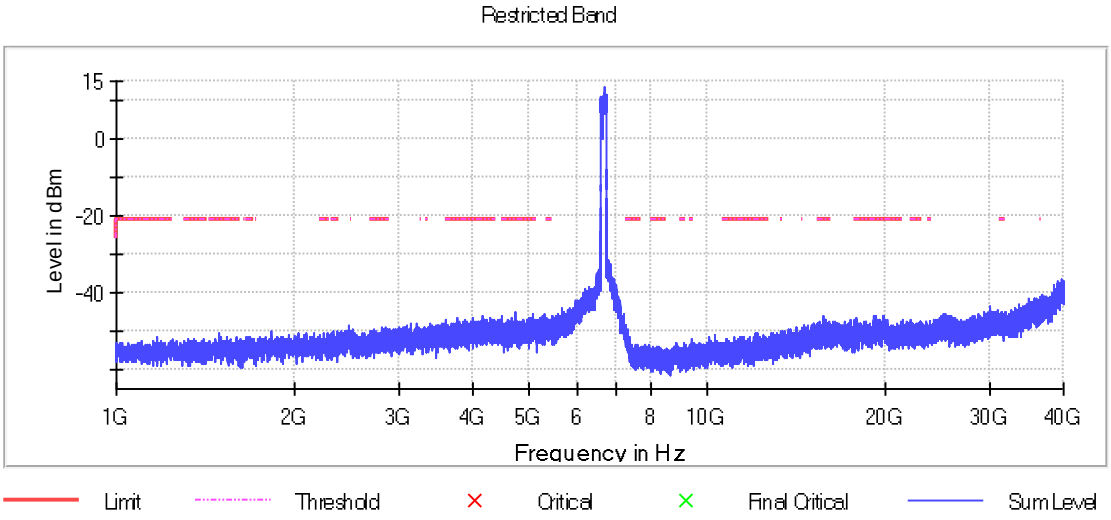
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36497.640699	-43.1	21.9	-21.2
36452.267117	-43.1	21.9	-21.2
36488.016000	-43.2	22.0	-21.2
36468.766601	-43.4	22.2	-21.2
36444.704853	-43.5	22.3	-21.2
36466.016687	-43.6	22.4	-21.2
36475.641386	-43.6	22.4	-21.2
36452.954595	-43.7	22.5	-21.2
36459.141902	-43.7	22.5	-21.2
36430.955283	-43.8	22.6	-21.2

36477.016343	-43.9	22.7	-21.2
36453.642074	-44.0	22.8	-21.2
36486.641042	-44.0	22.8	-21.2
36498.328177	-44.1	22.9	-21.2
36474.266429	-44.1	22.9	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

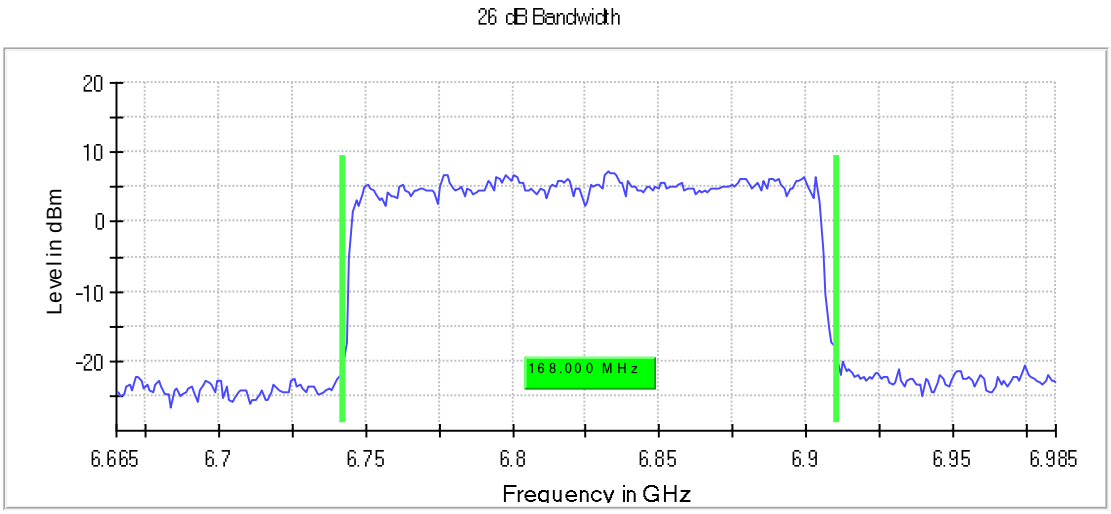


Emission Bandwidth 26 dB (6825 MHz; 24.000 dBm; 160 MHz)

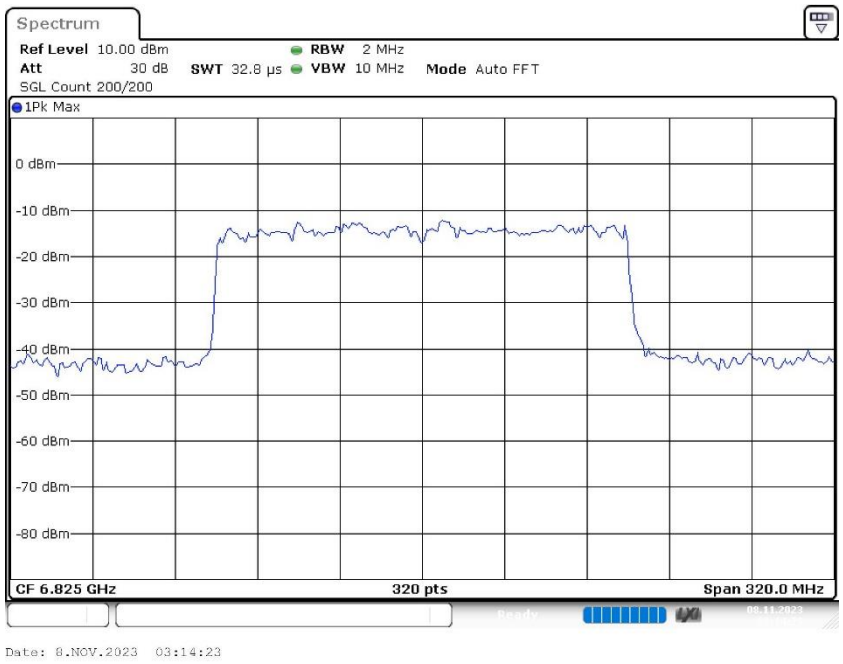
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	168.000000	132.500000	35.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6825.000000	6742.500000	---	6910.500000	---	7.4	PASS



Bandwidth



In-Band Emissions (6825 MHz; 24.000 dBm; 160 MHz)

Result

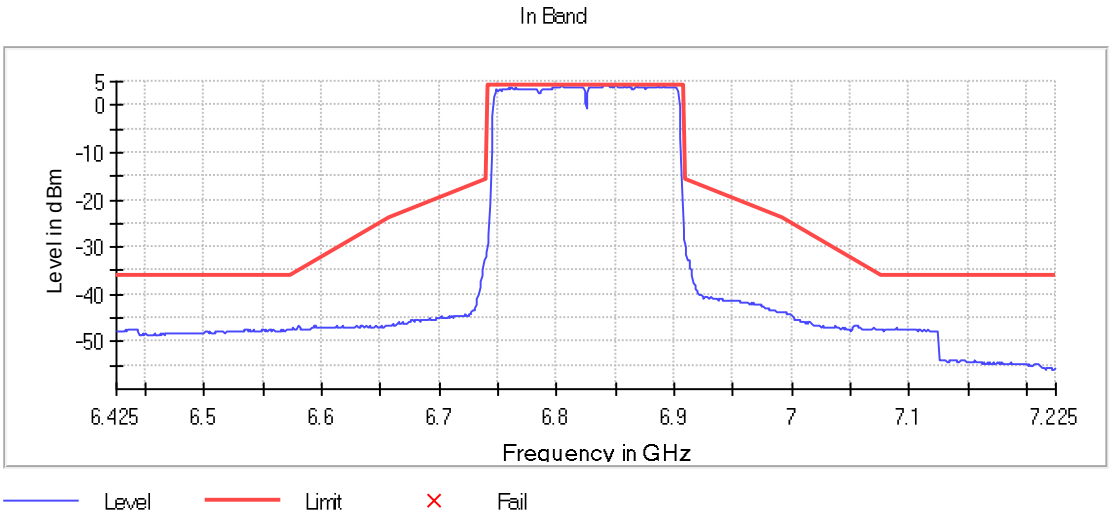
DUT Frequency (MHz)	Result
6825.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6840.500000	4.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6840.500000	4.1	0.0	4.1	PASS
6843.500000	4.1	0.0	4.1	PASS
6839.500000	4.1	0.0	4.1	PASS
6842.500000	4.1	0.1	4.1	PASS
6868.500000	4.0	0.1	4.1	PASS
6849.500000	4.0	0.1	4.1	PASS
6841.500000	4.0	0.1	4.1	PASS
6844.500000	4.0	0.1	4.1	PASS
6846.500000	4.0	0.1	4.1	PASS
6857.500000	4.0	0.1	4.1	PASS
6886.500000	4.0	0.1	4.1	PASS
6891.500000	4.0	0.1	4.1	PASS
6861.500000	4.0	0.1	4.1	PASS
6804.500000	4.0	0.1	4.1	PASS
6850.500000	4.0	0.2	4.1	PASS



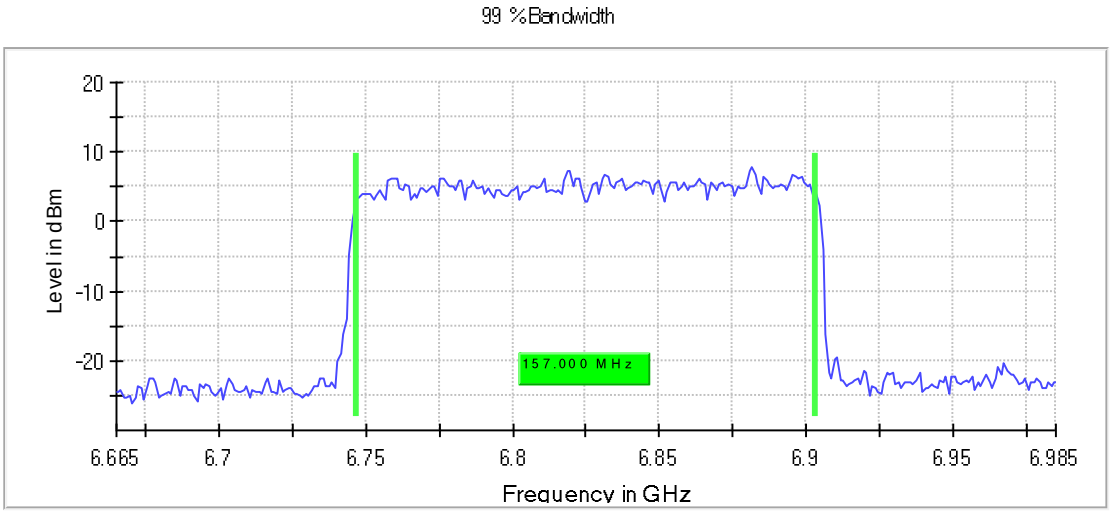
Occupied Channel Bandwidth 99% (6825 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

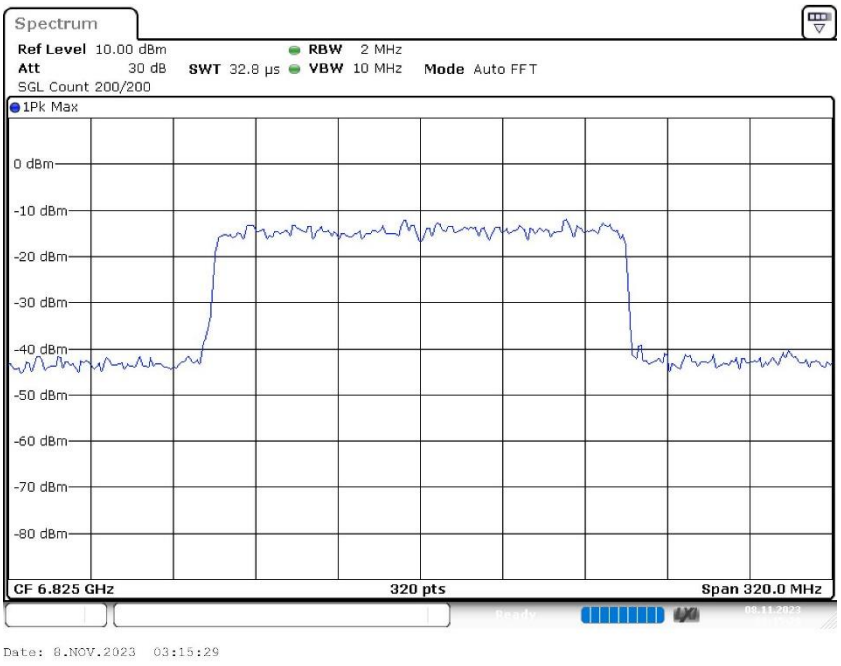
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	157.000000	128.500000	28.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result

6825.000000	6746.500000	5925.000000	6903.500000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.66500 GHz	6.66500 GHz
Stop Frequency	6.98500 GHz	6.98500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz

SweepPoints	320	~ 320
Sweeptime	32.813 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

Tx Spurious Emission (6825 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

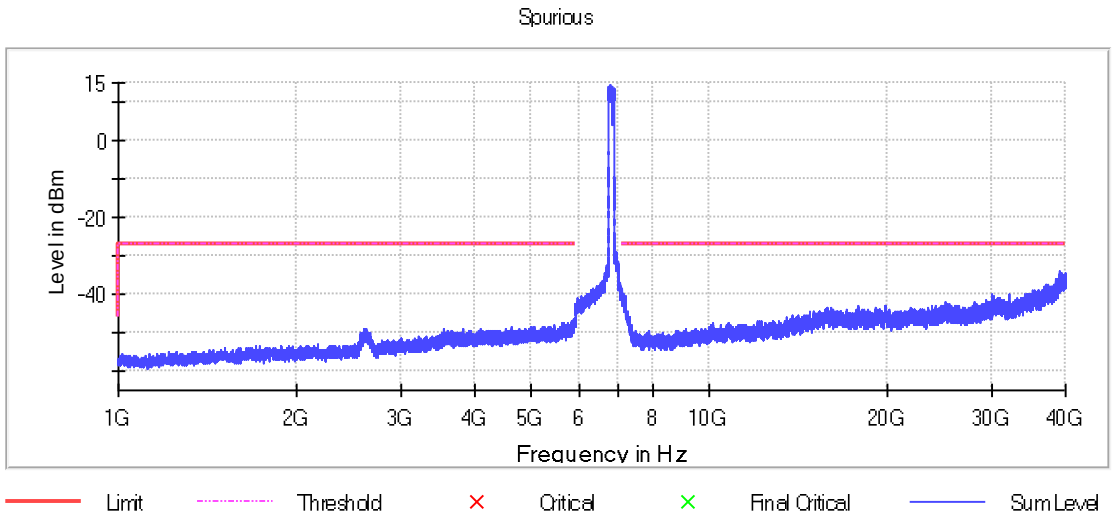
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39058.750000	-34.1	7.1	-27.0
39935.750000	-34.3	7.3	-27.0
39271.250000	-34.6	7.6	-27.0
39245.250000	-34.7	7.7	-27.0
39135.250000	-34.8	7.8	-27.0
39968.750000	-34.8	7.8	-27.0
39979.250000	-34.8	7.8	-27.0
39968.250000	-34.8	7.8	-27.0
39962.750000	-34.9	7.9	-27.0
39799.250000	-34.9	7.9	-27.0
39953.250000	-34.9	7.9	-27.0
39124.750000	-35.0	8.0	-27.0
39097.250000	-35.0	8.0	-27.0
39637.750000	-35.0	8.0	-27.0
39940.250000	-35.0	8.0	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2



Emissions in restricted frequency bands (Average) (6825 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

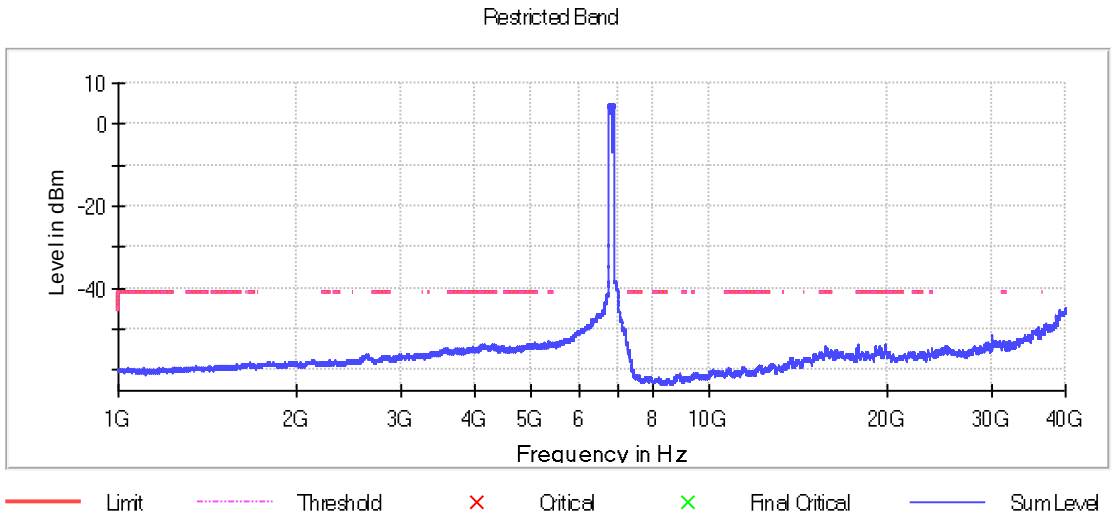
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36495.578263	-50.4	9.2	-41.2
36479.078779	-50.5	9.3	-41.2
36483.203650	-50.5	9.3	-41.2
36482.516171	-50.5	9.3	-41.2
36487.328521	-50.5	9.3	-41.2
36479.766257	-50.5	9.3	-41.2
36486.641042	-50.5	9.3	-41.2
36437.830068	-50.5	9.3	-41.2
36477.016343	-50.6	9.4	-41.2
36494.890785	-50.6	9.4	-41.2
36481.828693	-50.6	9.4	-41.2
36485.953564	-50.6	9.4	-41.2
36474.953908	-50.6	9.4	-41.2
36493.515828	-50.6	9.4	-41.2
36474.266429	-50.6	9.4	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1



Emissions in restricted frequency bands (Peak) (6825 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

Final measurements

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

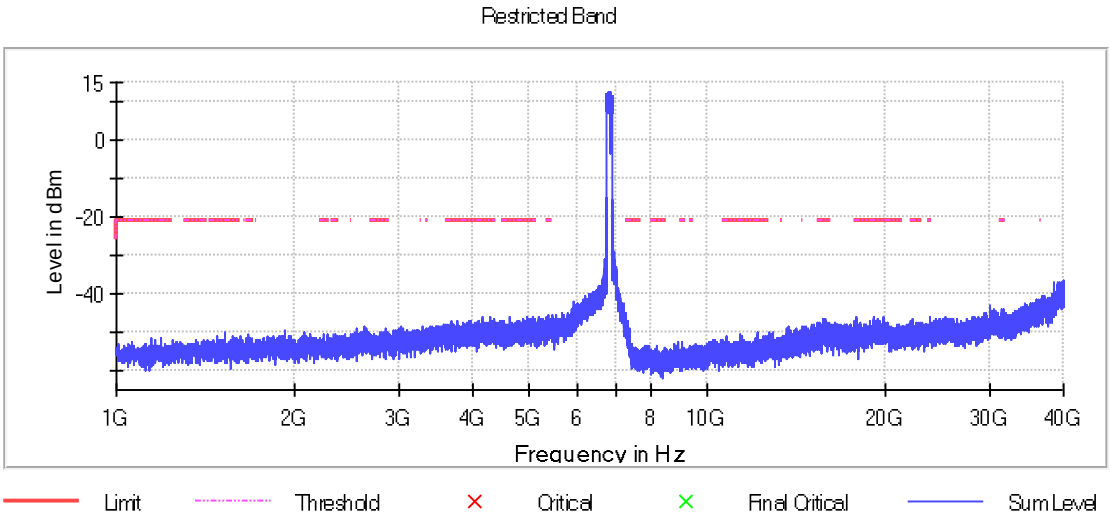
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36475.641386	-41.9	20.7	-21.2
36474.953908	-41.9	20.7	-21.2
36494.203306	-42.9	21.7	-21.2
36435.080154	-43.0	21.8	-21.2
36494.890785	-43.0	21.8	-21.2
36452.954595	-43.3	22.1	-21.2
36480.453736	-43.3	22.1	-21.2
36441.954939	-43.3	22.1	-21.2
36499.703134	-43.4	22.2	-21.2

36483.891128	-43.4	22.2	-21.2
36442.642417	-43.4	22.2	-21.2
36466.704165	-43.6	22.4	-21.2
36464.641730	-43.6	22.4	-21.2
36492.828349	-43.8	22.6	-21.2
36453.642074	-43.8	22.6	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

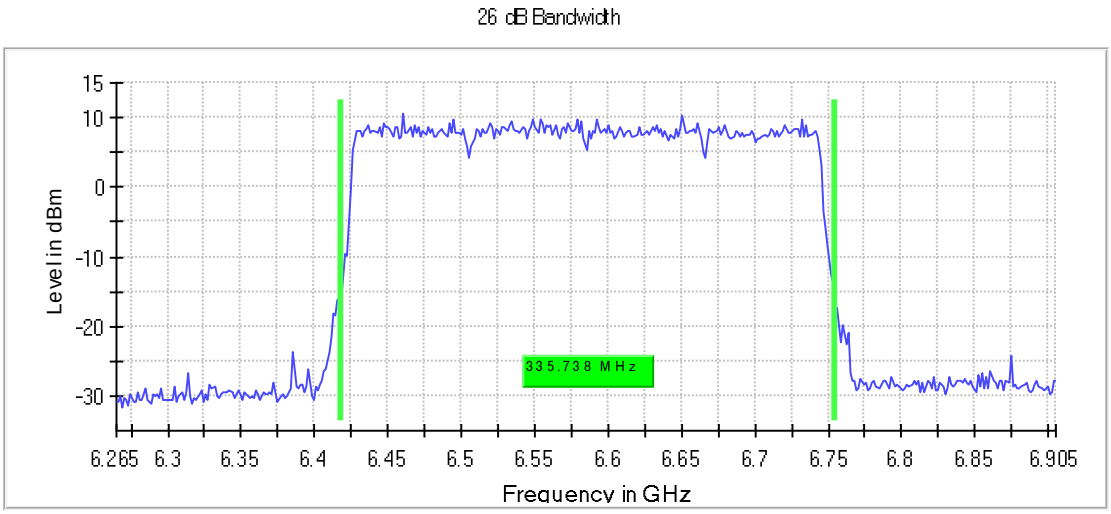


Emission Bandwidth 26 dB (6585 MHz; 24.000 dBm; 320 MHz)

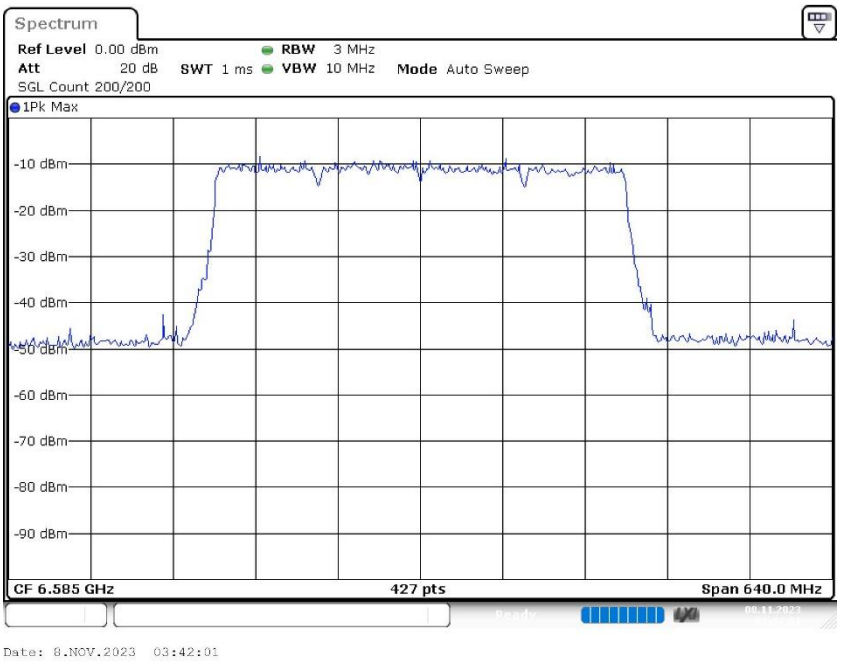
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	335.737704	106.370023	229.367681	---	340.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6585.000000	6418.629977	---	6754.367681	---	10.5	PASS



Bandwidth



In-Band Emissions (6585 MHz; 24.000 dBm; 320 MHz)

Result

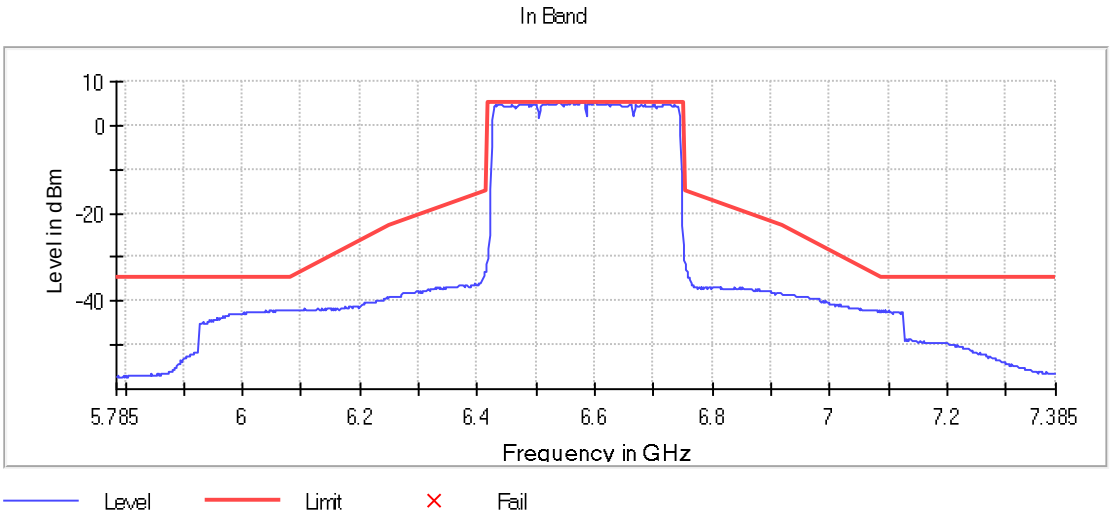
DUT Frequency (MHz)	Result
6585.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6540.014058	5.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6540.014058	5.2	0.0	5.2	PASS
6579.001874	5.1	0.1	5.2	PASS
6561.007498	5.1	0.1	5.2	PASS
6576.002812	5.1	0.2	5.2	PASS
6599.995314	5.1	0.2	5.2	PASS
6541.513590	5.1	0.2	5.2	PASS
6535.515464	5.1	0.2	5.2	PASS
6601.494845	5.0	0.2	5.2	PASS
6589.498594	5.0	0.2	5.2	PASS
6580.501406	5.0	0.2	5.2	PASS
6596.996251	5.0	0.2	5.2	PASS
6582.000937	5.0	0.2	5.2	PASS
6568.505155	5.0	0.2	5.2	PASS
6577.502343	5.0	0.2	5.2	PASS
6562.507029	5.0	0.2	5.2	PASS



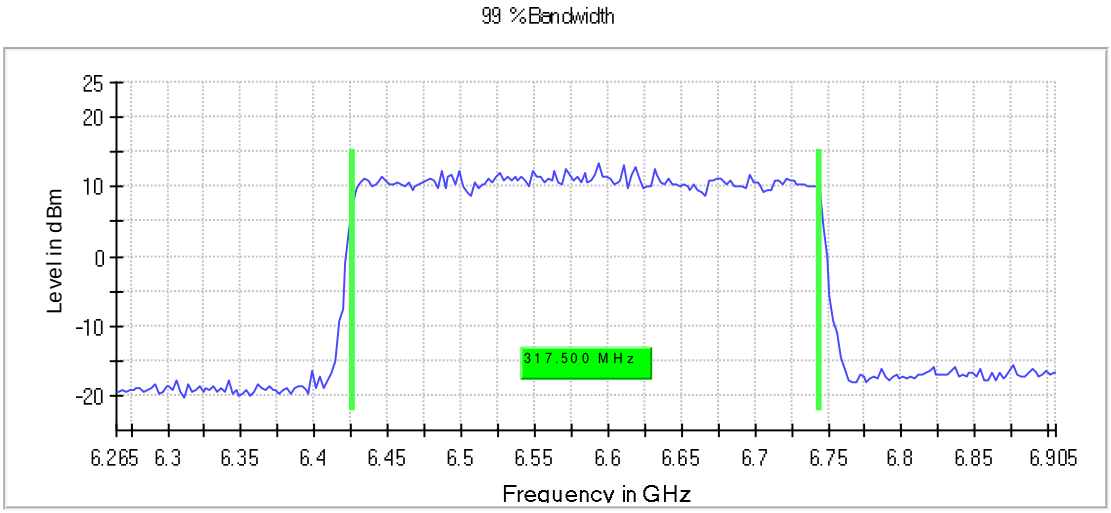
Occupied Channel Bandwidth 99% (6585 MHz; 24.000 dBm; 320 MHz)

99 % Bandwidth

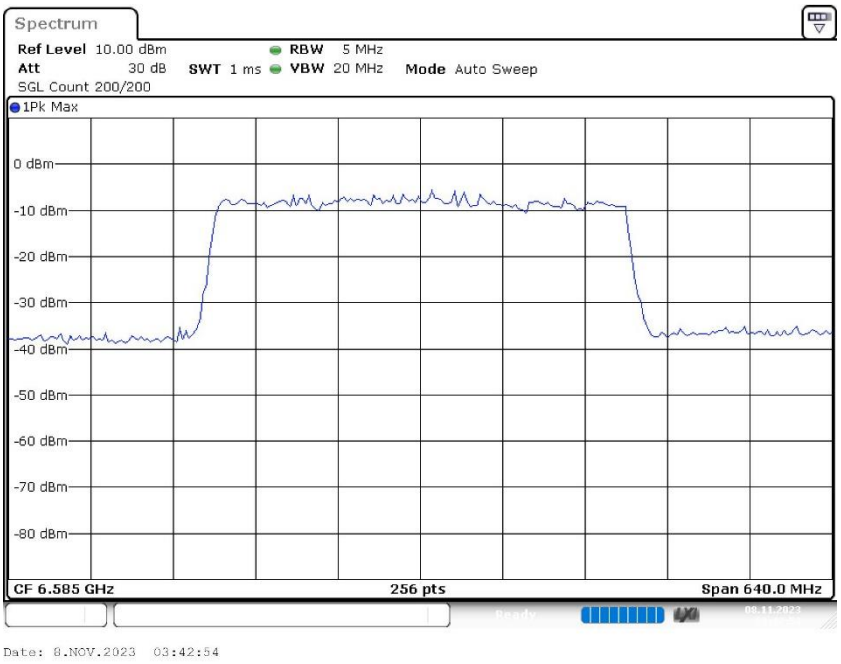
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6585.000000	317.500000	98.750000	218.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result

6585.000000	6426.250000	5925.000000	6743.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.26500 GHz	6.26500 GHz
Stop Frequency	6.90500 GHz	6.90500 GHz
Span	640.000 MHz	640.000 MHz
RBW	5.000 MHz	>= 3.200 MHz

VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	256	~ 256
Sweeptime	1.000 ms	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	Sweep	AUTO
Preamp	off	off

Tx Spurious Emission (6585 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

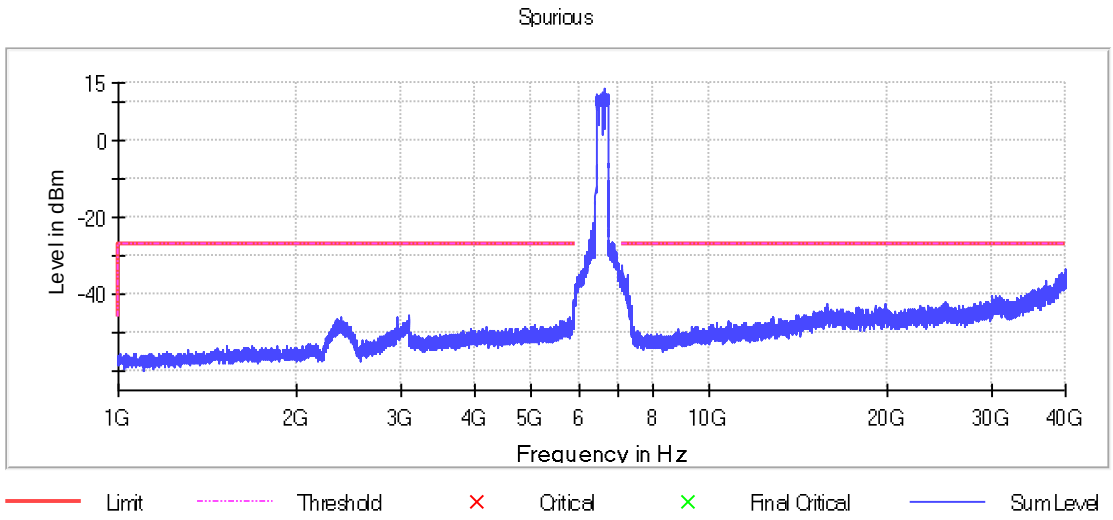
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7130.750000	-32.5	5.5	-27.0
7131.750000	-33.6	6.6	-27.0
39941.750000	-33.6	6.6	-27.0
7132.750000	-33.7	6.7	-27.0
7132.250000	-33.9	6.9	-27.0
7131.250000	-34.1	7.1	-27.0
7135.750000	-34.1	7.1	-27.0
39974.750000	-34.3	7.3	-27.0
39988.750000	-34.4	7.4	-27.0
39278.750000	-34.6	7.6	-27.0
39338.250000	-34.6	7.6	-27.0
39989.250000	-34.7	7.7	-27.0
39991.250000	-34.9	7.9	-27.0
39918.750000	-34.9	7.9	-27.0
39995.250000	-34.9	7.9	-27.0

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2



Emissions in restricted frequency bands (Average) (6585 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

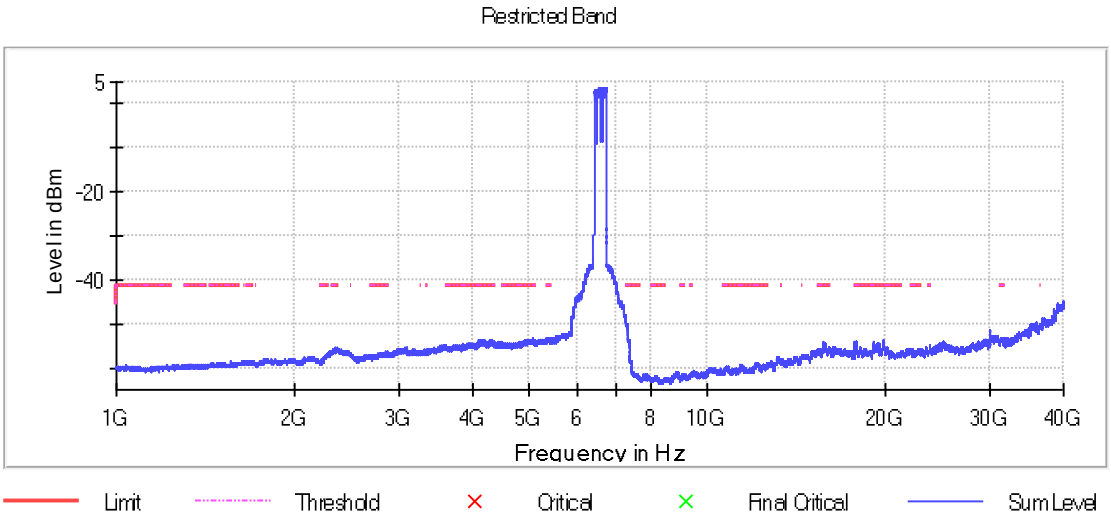
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7251.250000	-48.5	7.3	-41.2
7250.750000	-48.5	7.3	-41.2
7253.750000	-48.5	7.3	-41.2
7254.750000	-48.5	7.3	-41.2
7255.750000	-48.6	7.4	-41.2
7260.750000	-48.6	7.4	-41.2
7256.750000	-48.6	7.4	-41.2
7257.250000	-48.7	7.5	-41.2
7256.250000	-48.7	7.5	-41.2
7255.250000	-48.7	7.5	-41.2
7258.750000	-48.7	7.5	-41.2
7262.250000	-48.8	7.6	-41.2
7252.750000	-48.8	7.6	-41.2
7259.250000	-48.8	7.6	-41.2
7265.250000	-48.8	7.6	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1



Emissions in restricted frequency bands (Peak) (6585 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6585.000000	PASS

Final measurements

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

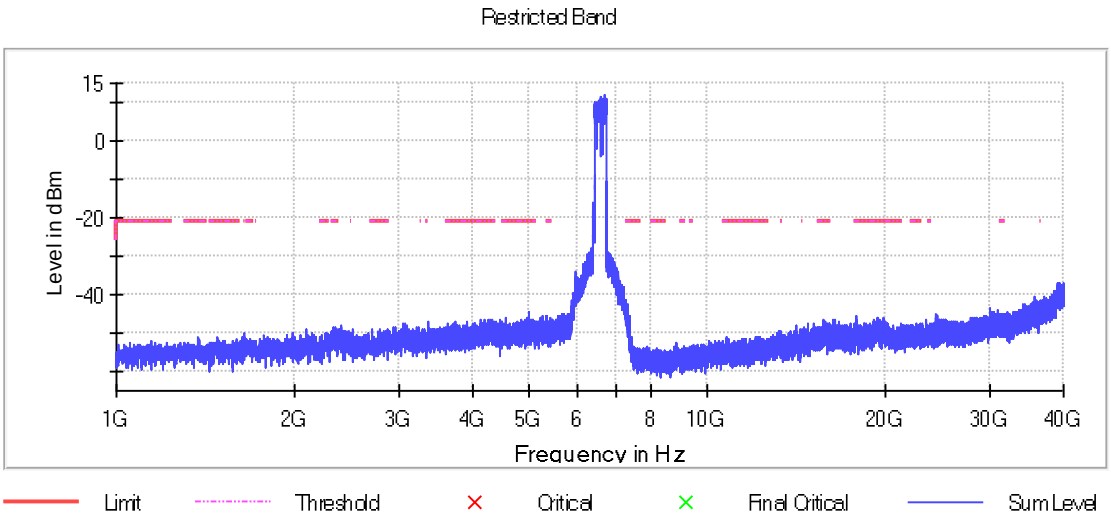
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7276.250000	-41.5	20.3	-21.2
7250.750000	-41.6	20.4	-21.2
7273.250000	-41.6	20.4	-21.2
7292.750000	-41.6	20.4	-21.2
7264.750000	-41.7	20.5	-21.2
7255.250000	-42.1	20.9	-21.2
7271.250000	-42.2	21.0	-21.2
7265.250000	-42.3	21.1	-21.2
7265.750000	-42.4	21.2	-21.2
7258.750000	-42.5	21.3	-21.2
7253.750000	-42.6	21.4	-21.2

7293.250000	-42.6	21.4	-21.2
7286.750000	-42.7	21.5	-21.2
7347.250000	-42.7	21.5	-21.2
36463.266773	-42.8	21.6	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2



1.2 Summary PSD

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6535.000	24.0	20.000000	PASS

Power Spectral Density (SA-2) (6535 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6535.000000	6543.118812	-1.561	-0.8	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.52500 GHz	6.52500 GHz
Stop Frequency	6.54500 GHz	6.54500 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
Sweeptime	1.000 ms	AUTO
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

-- End of Report –