427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-E7AD
ISED ID	6545A-E7AD
Equipment Under Test	E7-Audience
Test Report Serial Number	TR9804_02
Date of Tests	3, 18 - 19 September 2024: 24-26 February 2025
Report Issue Date	26 February 2025

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 2025. 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 2025. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.

NVLAP LAB CODE 600241-0

1 RF Conducted UNII-7

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 EHT Mode

1.1.1 Low Gain Mode

Summary

Test	Frequency (MHz)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6595.000	20.000000	PASS
RF output power	6595.000	20.000000	PASS
Power Spectral Density (SA-2)	6595.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6595.000	20.000000	PASS
Frequency Stability	6595.000	20.000000	PASS
Emission Bandwidth 26 dB	6715.000	20.000000	PASS
Power Spectral Density (SA-2)	6715.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6715.000	20.000000	PASS
Emission Bandwidth 26 dB	6855.000	20.000000	PASS
Power Spectral Density (SA-2)	6855.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6855.000	20.000000	PASS
Emission Bandwidth 26 dB	6605.000	40.000000	PASS
Power Spectral Density (SA-2)	6605.000	40.000000	PASS
In-Band Emissions	6605.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6605.000	40.000000	PASS
Emission Bandwidth 26 dB	6725.000	40.000000	PASS
Power Spectral Density (SA-2)	6725.000	40.000000	PASS
In-Band Emissions	6725.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6725.000	40.000000	PASS
Emission Bandwidth 26 dB	6845.000	40.000000	PASS
Power Spectral Density (SA-2)	6845.000	40.000000	PASS
In-Band Emissions	6845.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6845.000	40.000000	PASS
Emission Bandwidth 26 dB	6625.000	80.000000	PASS
Power Spectral Density (SA-2)	6625.000	80.000000	PASS
In-Band Emissions	6625.000	80.000000	PASS
Occupied Channel Bandwidth 99%	6625.000	80.000000	PASS
Emission Bandwidth 26 dB	6705.000	80.000000	PASS
Power Spectral Density (SA-2)	6705.000	80.000000	PASS
In-Band Emissions	6705.000	80.000000	PASS
Occupied Channel Bandwidth 99%	6705.000	80.000000	PASS
Emission Bandwidth 26 dB	6865.000	80.000000	PASS
Power Spectral Density (SA-2)	6865.000	80.000000	PASS
In-Band Emissions	6865.000	80.000000	PASS
Occupied Channel Bandwidth 99%	6865.000	80.000000	PASS
Emission Bandwidth 26 dB	6665.000	160.000000	PASS
Power Spectral Density (SA-2)	6665.000	160.000000	PASS
Occupied Channel Bandwidth 99%	6665.000	160.000000	PASS
Tx Spurious Emission	6665.000	160.000000	PASS
Emissions in restricted frequency bands (Average)	6665.000	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6665.000	160.000000	PASS
Emission Bandwidth 26 dB	6825.000	160.000000	PASS

Power Spectral Density (SA-2)	6825.000	160.000000	PASS
Occupied Channel Bandwidth 99%	6825.000	160.000000	PASS
Tx Spurious Emission	6825.000	160.000000	PASS
Emissions in restricted frequency bands (Average)	6825.000	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6825.000	160.000000	PASS
Emission Bandwidth 26 dB	6745.000	320.000000	PASS
Power Spectral Density (SA-2)	6745.000	320.000000	PASS
In-Band Emissions	6745.000	320.000000	PASS
Tx Spurious Emission	6745.000	320.000000	PASS
Emissions in restricted frequency bands (Average)	6745.000	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6745.000	320.000000	PASS

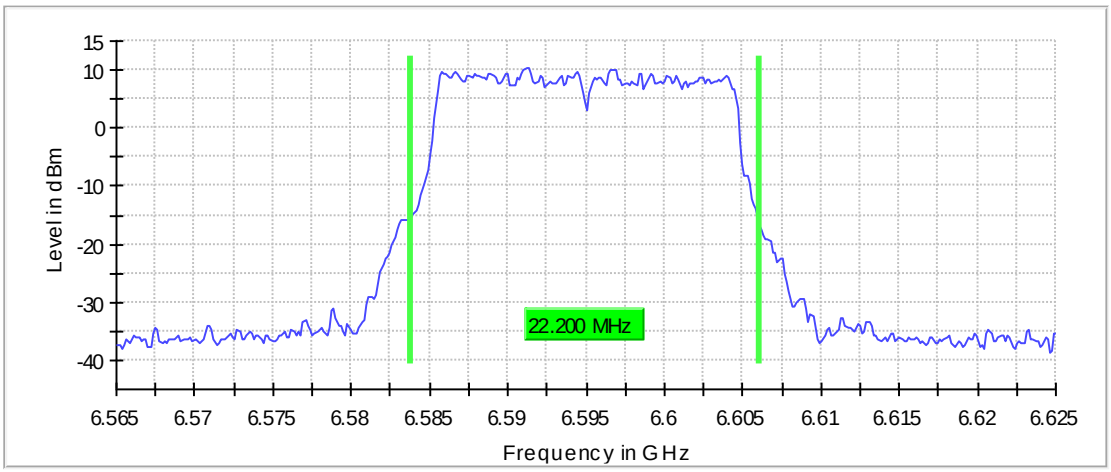
Emission Bandwidth 26 dB (6595 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

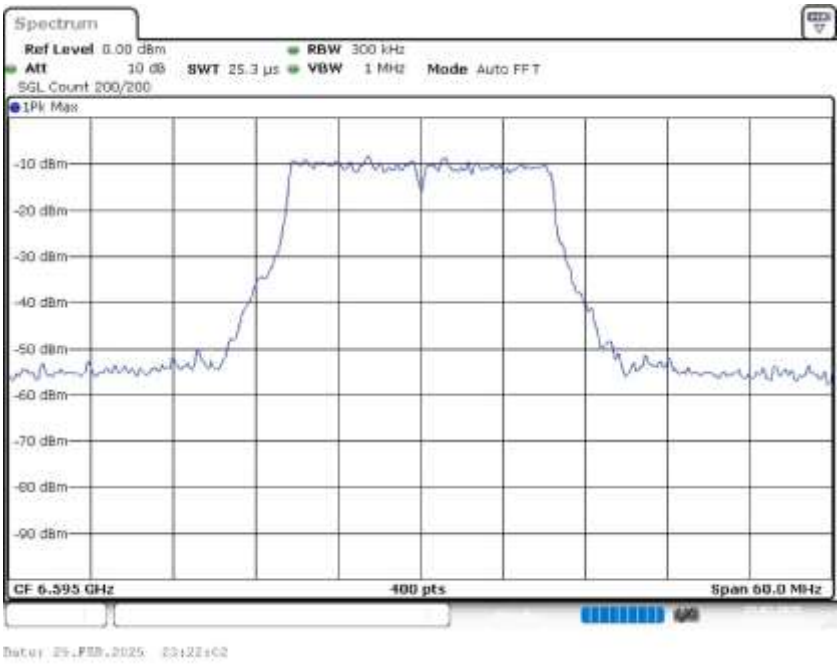
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6595.000000	22.200000	---	320.000000	6583.825000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6595.000000	6606.025000	---	10.5	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.56500 GHz	6.56500 GHz
Stop Frequency	6.62500 GHz	6.62500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
Sweeptime	25.313 µs	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	10.000 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 (6595 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6595.000000	24.7	36.0	24.7	99.717	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

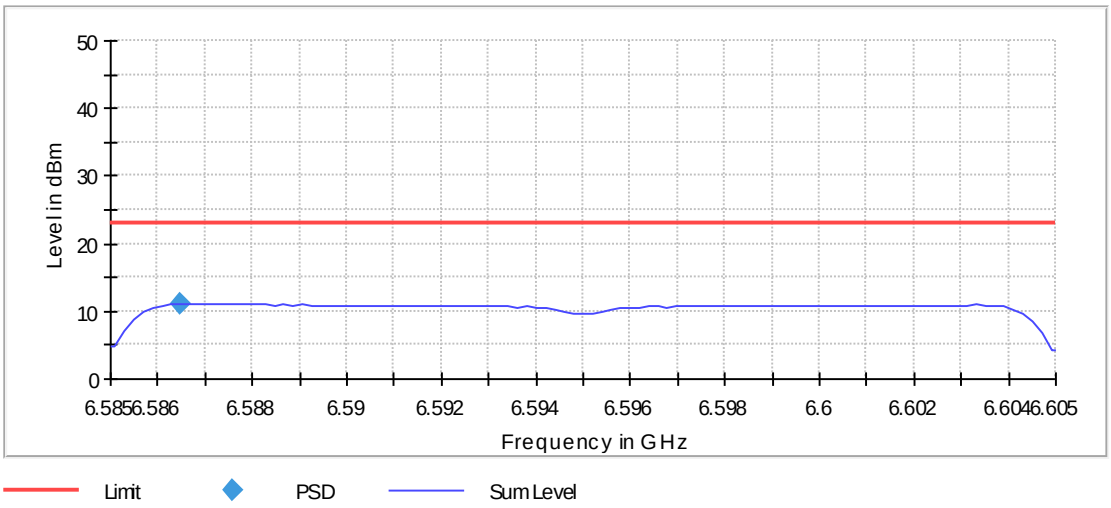
Power Spectral Density (SA-2) (6595 MHz; 24.000 dBm; 20 MHz)

Result

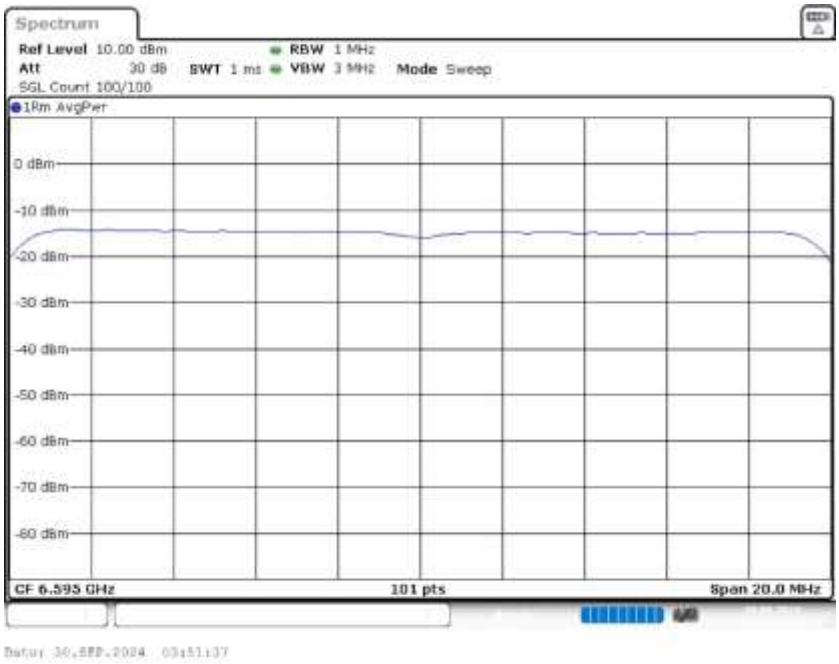
DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6595.000000	6586.485149	11.155	23.0	PASS

Ports

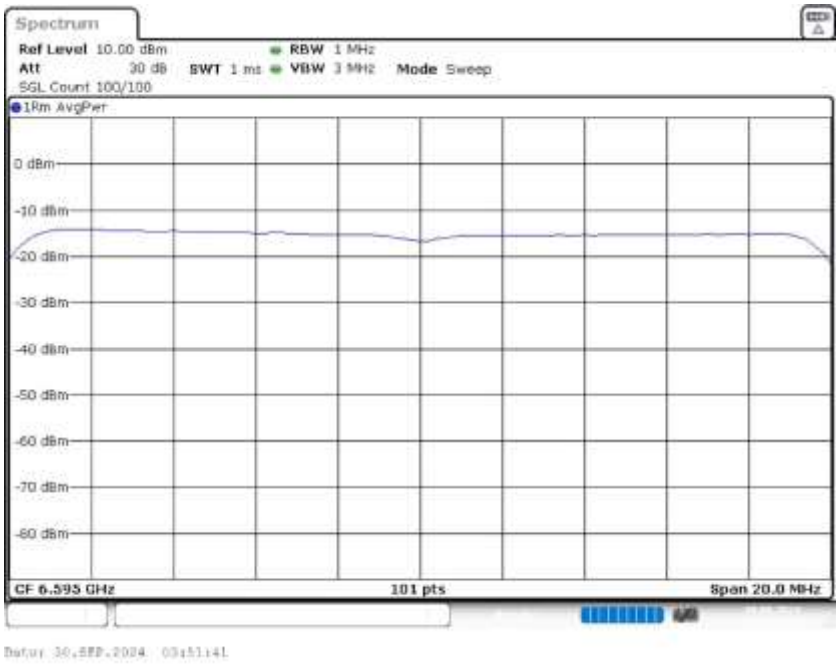
Port	State
1	used
2	used
3	used
4	used



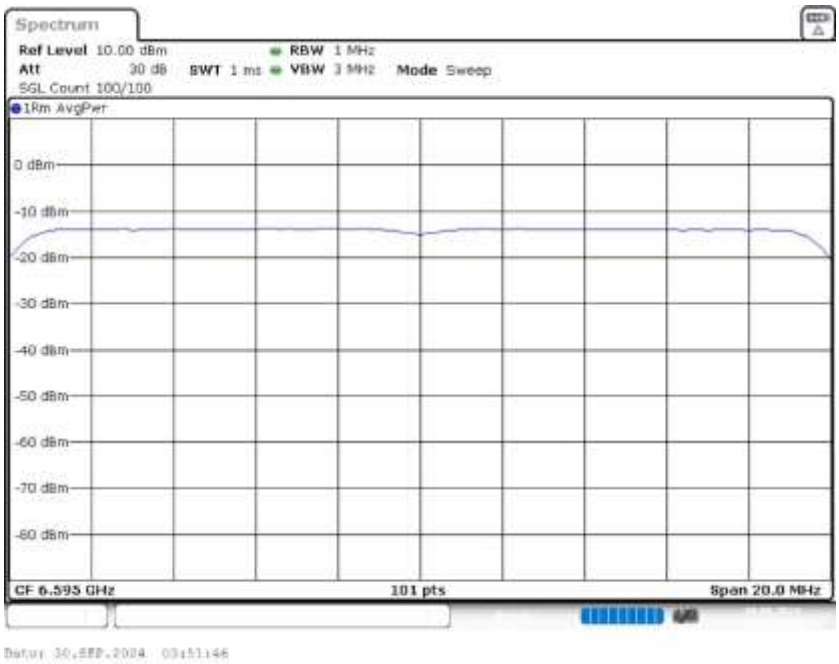
PSD Connector 1



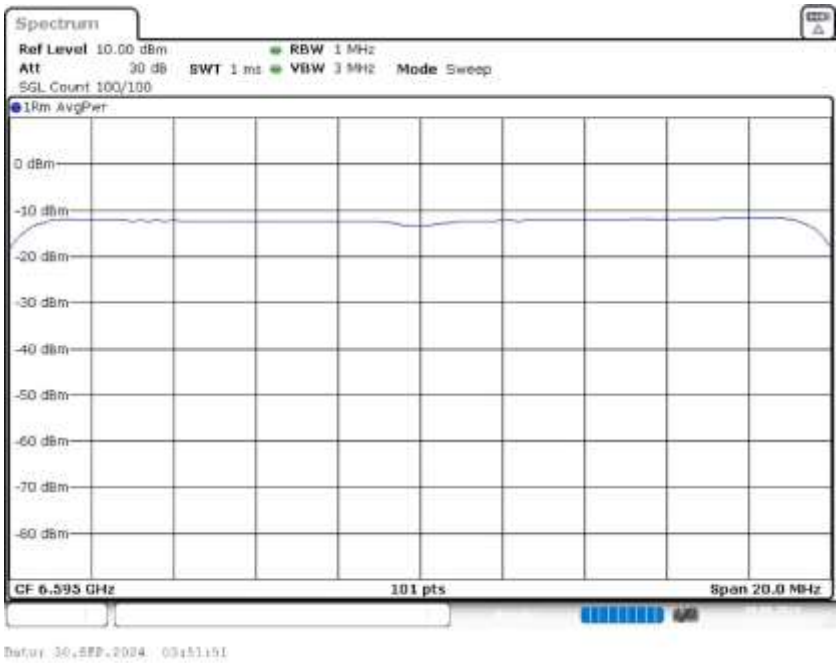
PSD Connector 2



PSD Connector 3



PSD Connector 4



Measurement

Setting	Instrument Value	Target Value

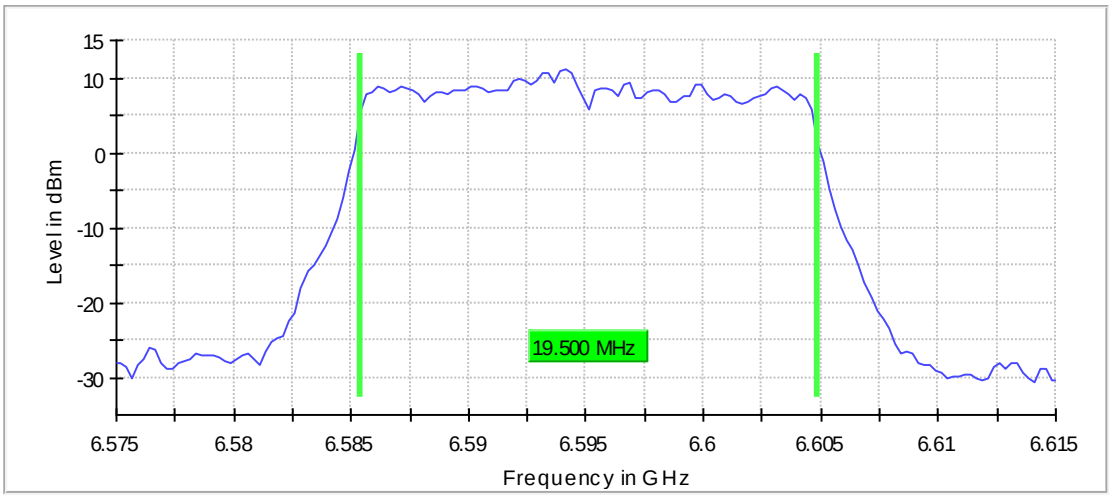
Start Frequency	6.58500 GHz	6.58500 GHz
Stop Frequency	6.60500 GHz	6.60500 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	2 / max. 15	max. 15
Stable	1 / 1	1
Max Stable Difference	0.00 dB	0.50 dB

Occupied Channel Bandwidth 99% (6595 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)
6595.000000	19.500000	---	320.000000	6585.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6595.000000	6604.875000	7125.000000	PASS



Bandwidth

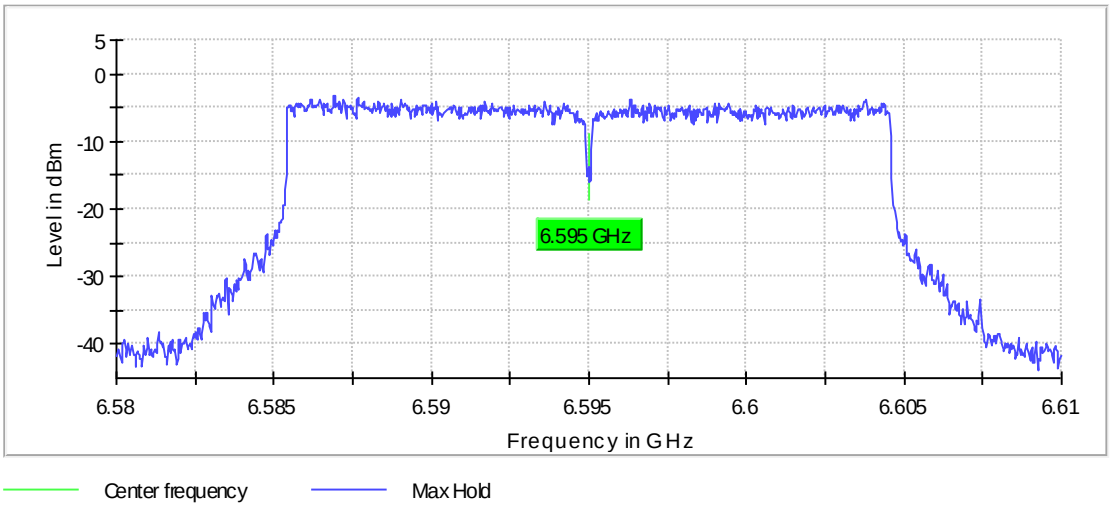
Measurement

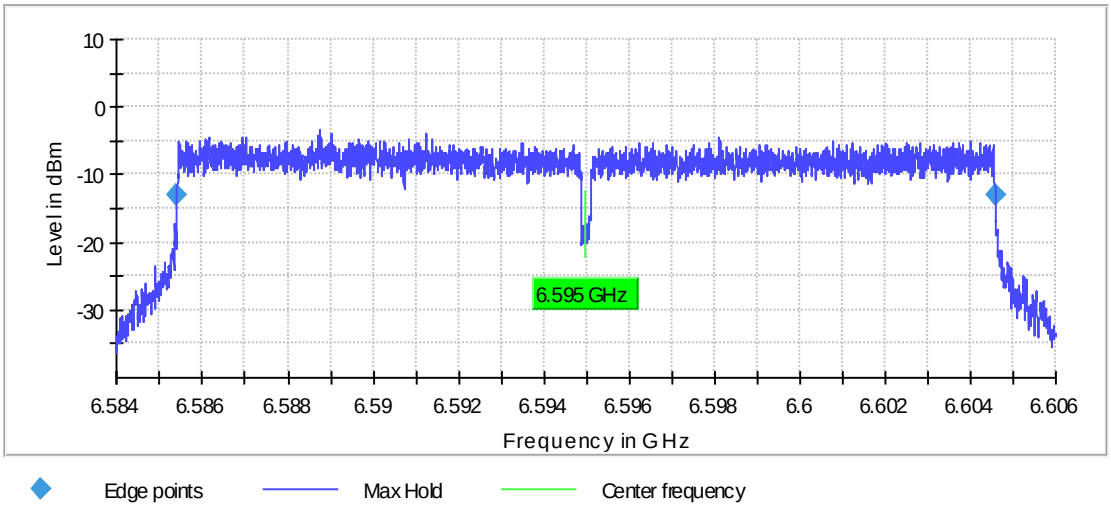
Setting	Instrument Value	Target Value
Start Frequency	6.57500 GHz	6.57500 GHz
Stop Frequency	6.61500 GHz	6.61500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweeptime	11.344 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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

Frequency Stability (6595 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6595.000000	6594.985015	2.272	-14.985000	---	---	PASS





Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.58399 GHz	6.58399 GHz
Stop Frequency	6.60599 GHz	6.60599 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	10.000 dBm	10.000 dBm
Attenuation	30.000 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

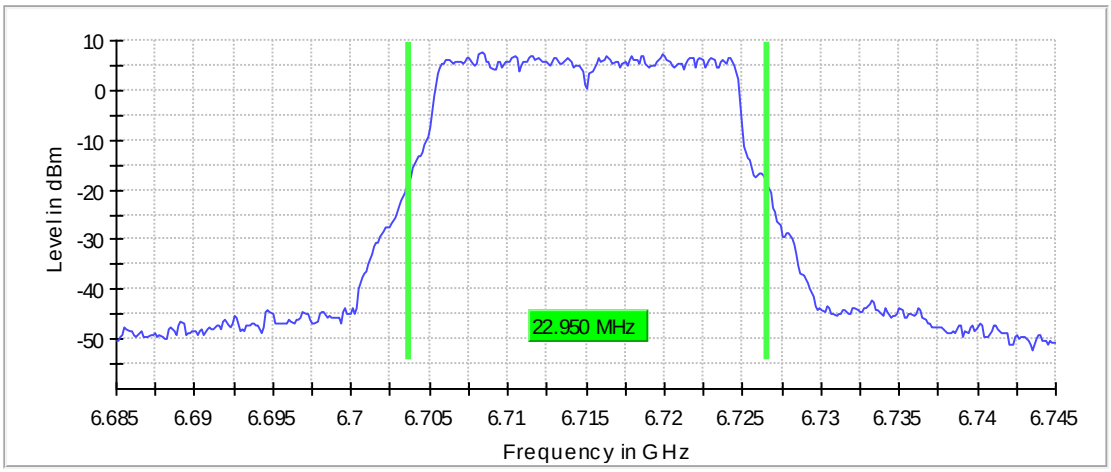
Emission Bandwidth 26 dB (6715 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

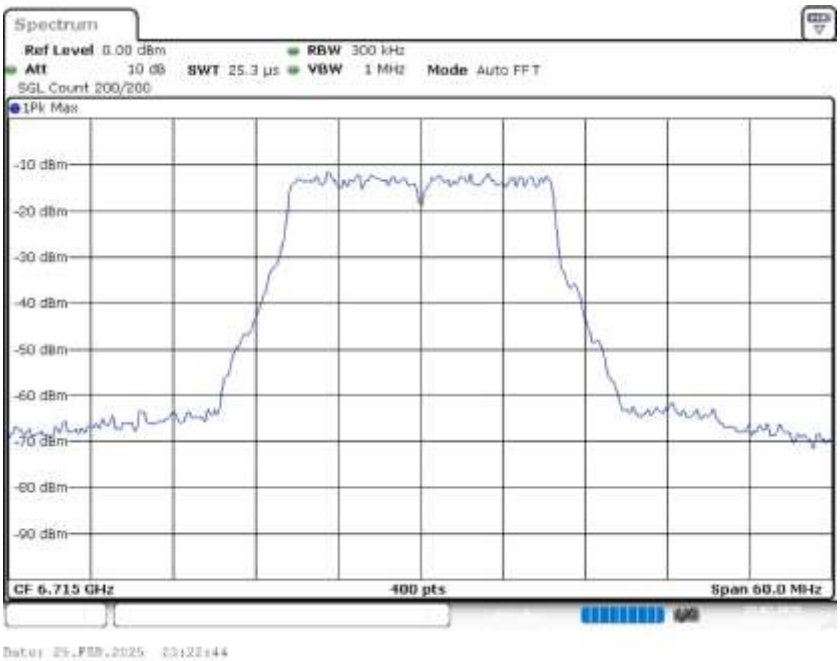
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6715.000000	22.950000	---	320.000000	6703.675000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6715.000000	6726.625000	---	7.6	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.68500 GHz	6.68500 GHz
Stop Frequency	6.74500 GHz	6.74500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
Sweeptime	25.313 µs	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	10.000 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

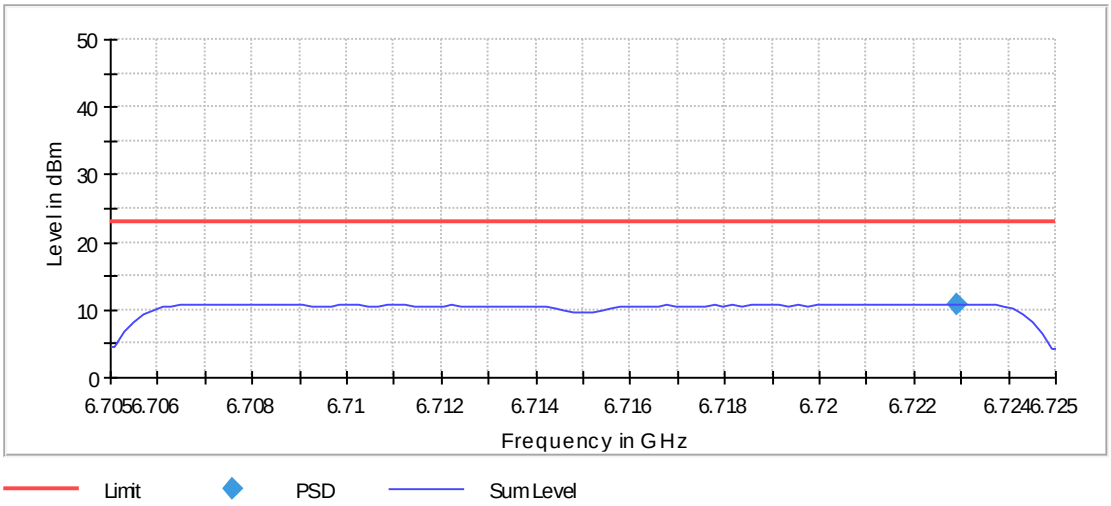
Power Spectral Density (SA-2) (6715 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6715.000000	6722.920792	10.859	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used

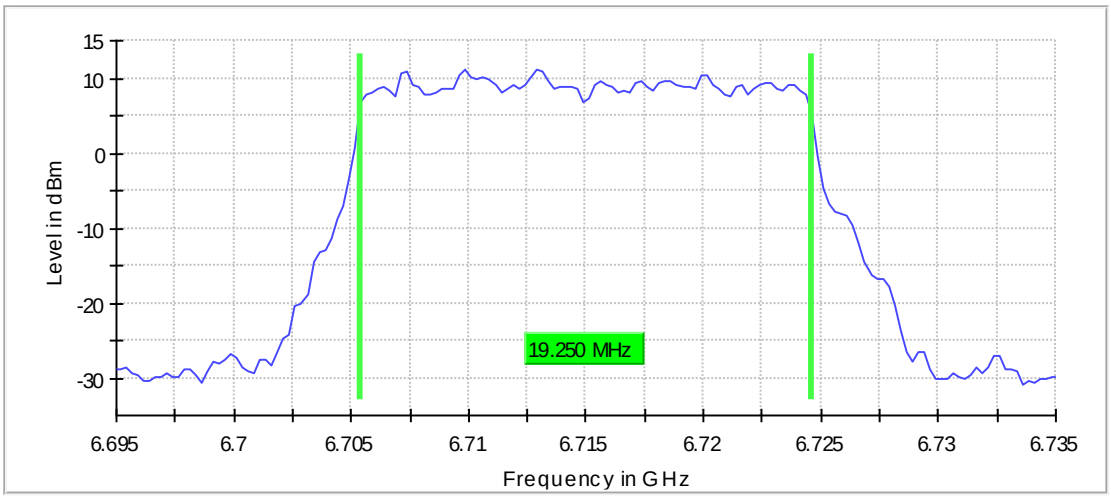


Occupied Channel Bandwidth 99% (6715 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6715.000000	19.250000	---	320.000000	6705.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6715.000000	6724.625000	7125.000000	PASS



Bandwidth

Measurement

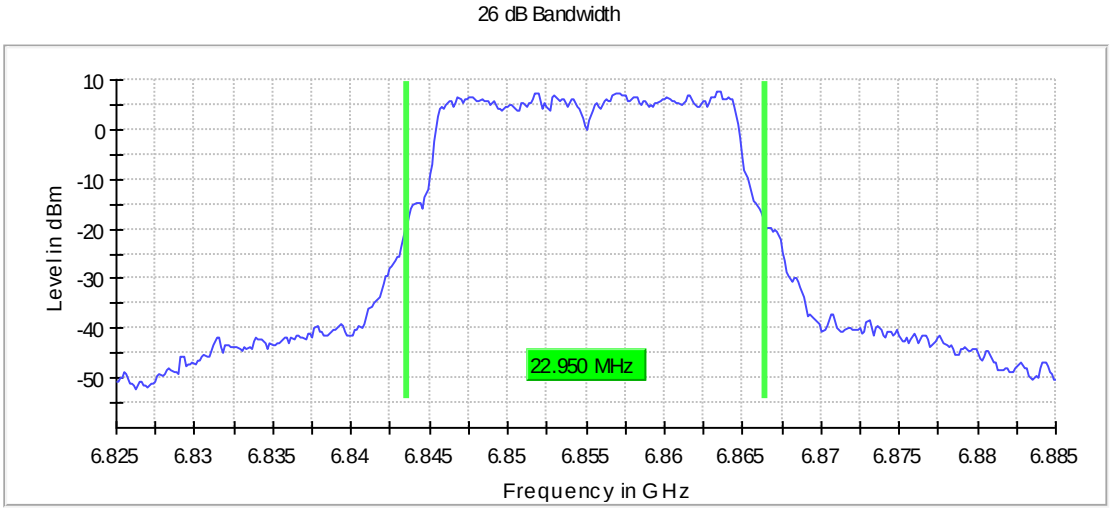
Setting	Instrument Value	Target Value
Start Frequency	6.69500 GHz	6.69500 GHz
Stop Frequency	6.73500 GHz	6.73500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweeptime	11.344 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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 (6855 MHz; 24.000 dBm; 20 MHz)

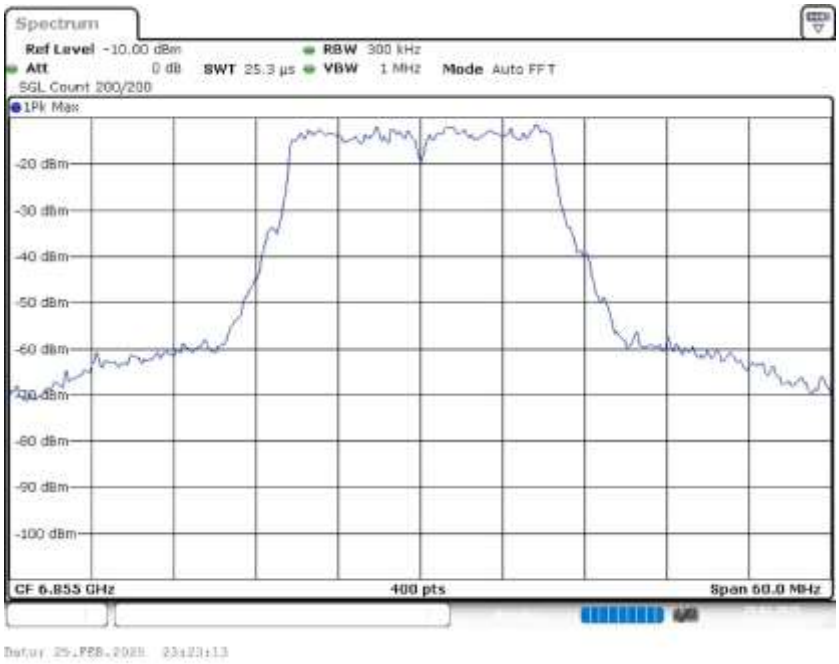
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6855.000000	22.950000	---	320.000000	6843.525000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6855.000000	6866.475000	---	7.8	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	6.88500 GHz	6.88500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
Sweeptime	25.313 µs	AUTO
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 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-2) (6855 MHz; 24.000 dBm; 20 MHz)

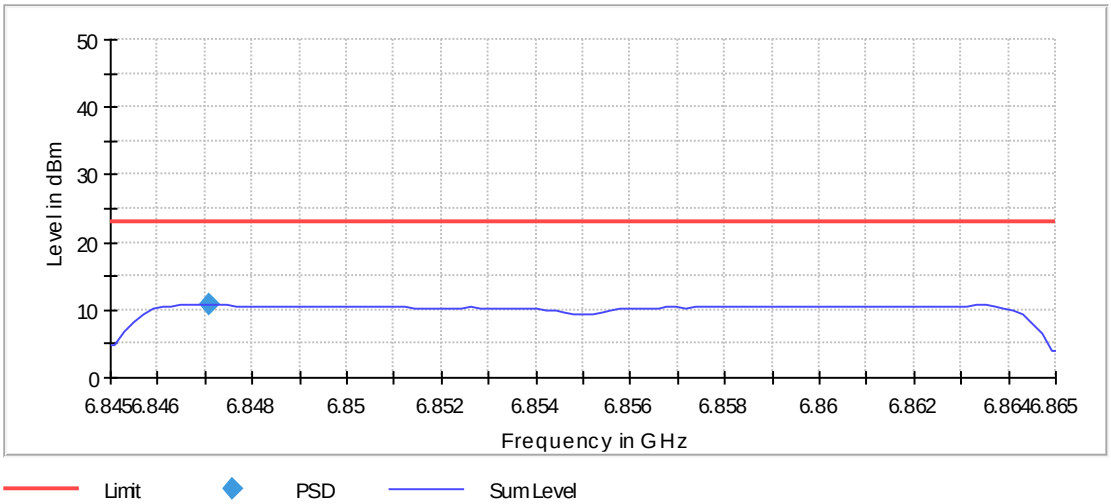
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6855.000000	6847.079208	10.710	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used

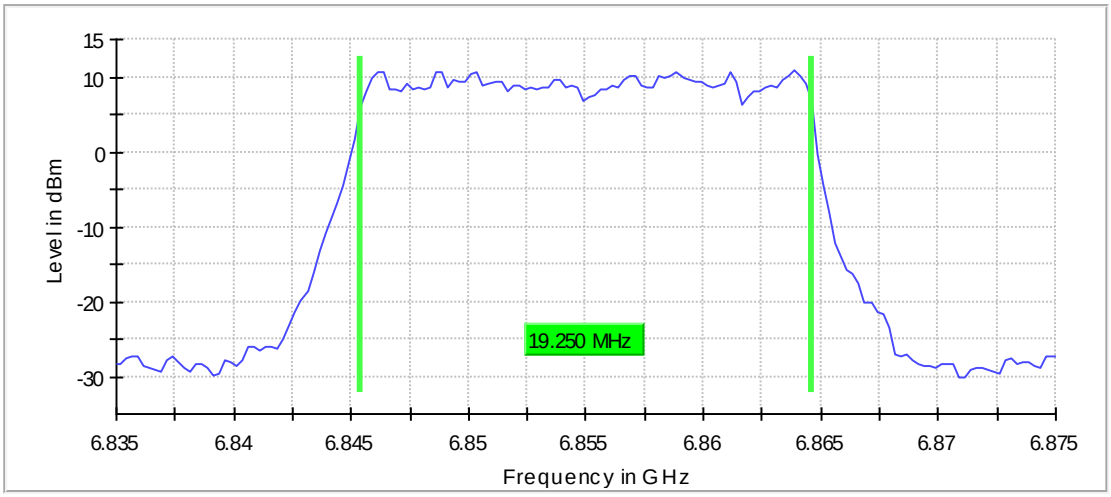


Occupied Channel Bandwidth 99% (6855 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6855.000000	19.250000	---	320.000000	6845.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6855.000000	6864.625000	7125.000000	PASS



Bandwidth

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.83500 GHz	6.83500 GHz
Stop Frequency	6.87500 GHz	6.87500 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	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

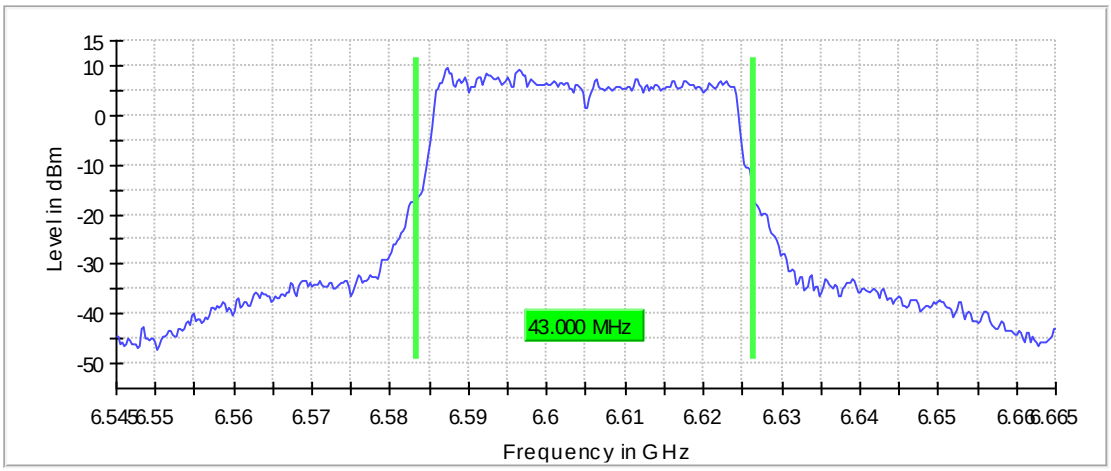
Emission Bandwidth 26 dB (6605 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

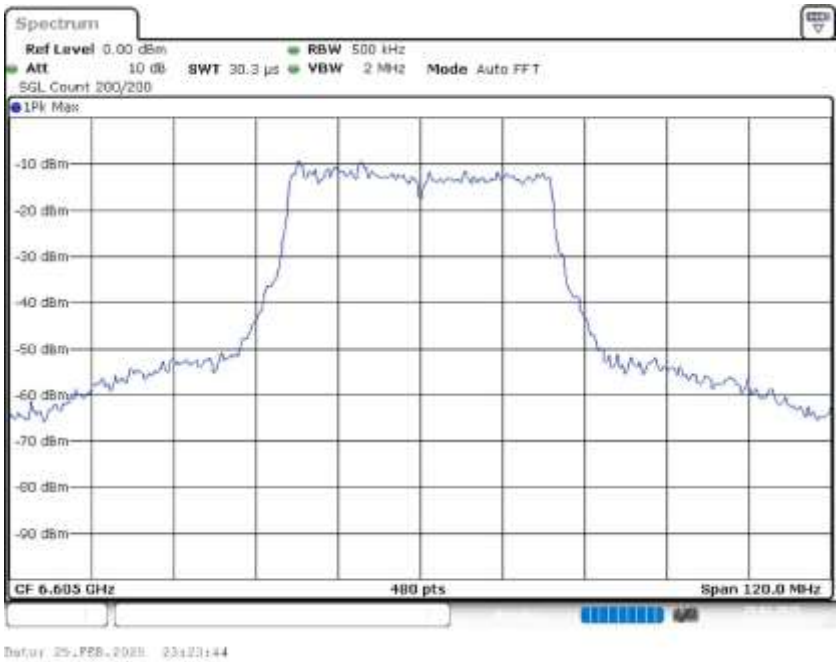
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6605.000000	43.000000	---	320.000000	6583.375000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6605.000000	6626.375000	---	9.4	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.54500 GHz	6.54500 GHz
Stop Frequency	6.66500 GHz	6.66500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweeptime	30.250 µs	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	10.000 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

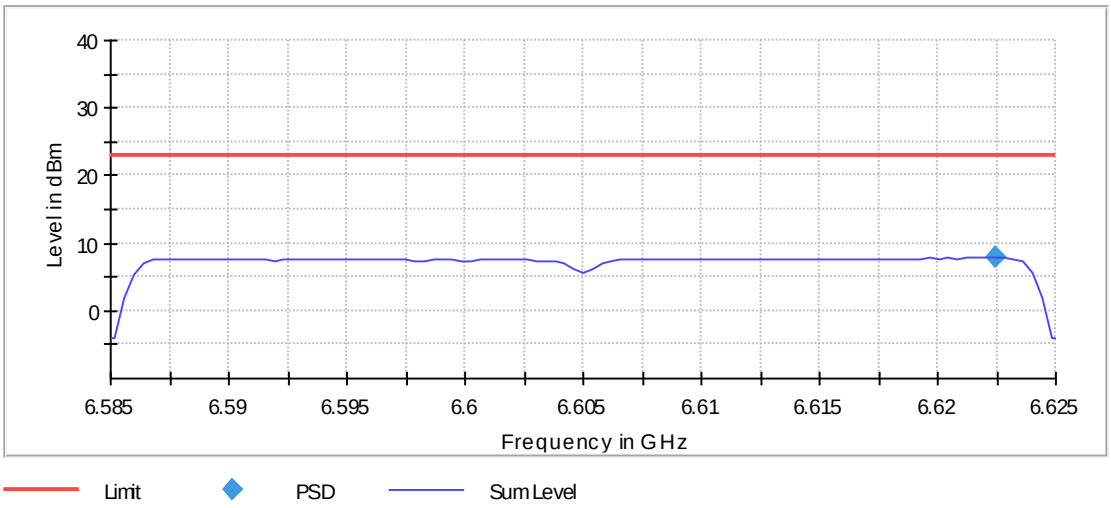
Power Spectral Density (SA-2) (6605 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6605.000000	6622.425743	7.859	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



In-Band Emissions (6605 MHz; 24.000 dBm; 40 MHz)

Result

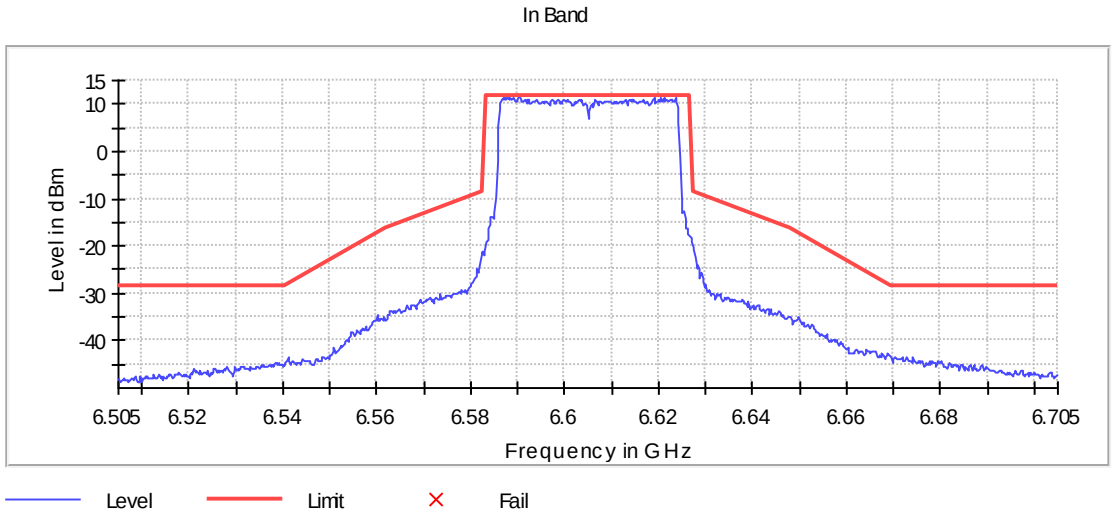
DUT Frequency (MHz)	Result
6605.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6590.375000	11.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6590.375000	11.6	0.0	11.6	PASS
6586.875000	11.4	0.2	11.6	PASS
6620.625000	11.4	0.2	11.6	PASS
6587.875000	11.3	0.3	11.6	PASS
6621.125000	11.3	0.3	11.6	PASS
6587.375000	11.3	0.3	11.6	PASS
6619.125000	11.3	0.3	11.6	PASS
6589.125000	11.2	0.4	11.6	PASS
6623.625000	11.2	0.4	11.6	PASS
6588.375000	11.2	0.5	11.6	PASS
6621.875000	11.1	0.5	11.6	PASS
6598.625000	11.1	0.5	11.6	PASS
6587.125000	11.1	0.5	11.6	PASS
6599.875000	11.1	0.5	11.6	PASS
6622.625000	11.1	0.5	11.6	PASS



Measurement 1

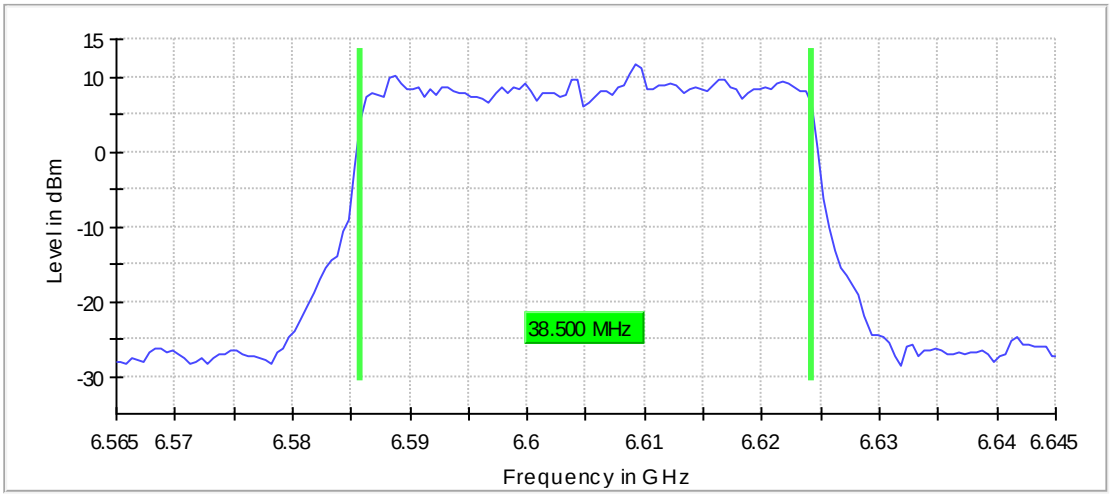
Setting	Instrument Value	Target Value
Start Frequency	6.50500 GHz	6.50500 GHz
Stop Frequency	6.70500 GHz	6.70500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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% (6605 MHz; 24.000 dBm; 40 MHz)

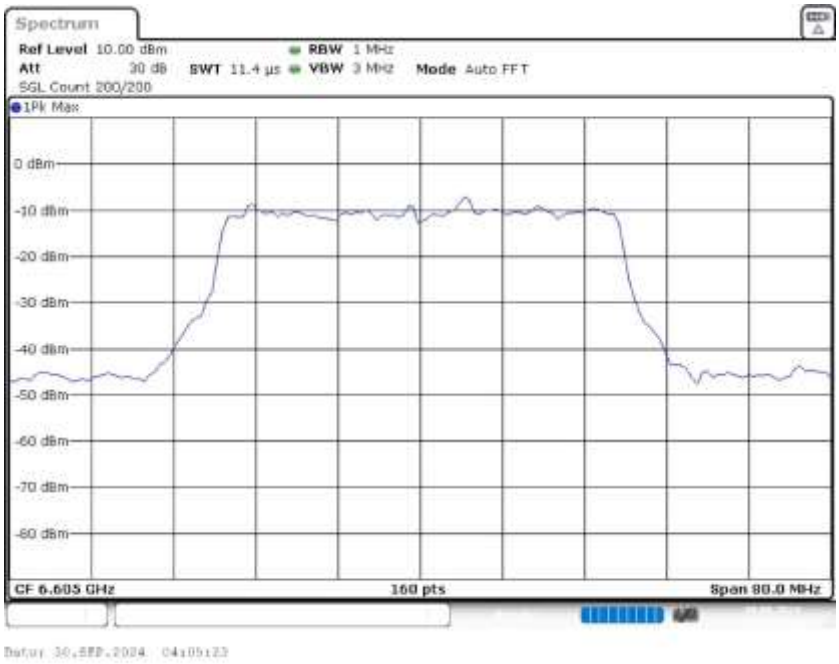
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6605.000000	38.500000	---	320.000000	6585.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6605.000000	6624.250000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.56500 GHz	6.56500 GHz
Stop Frequency	6.64500 GHz	6.64500 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	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

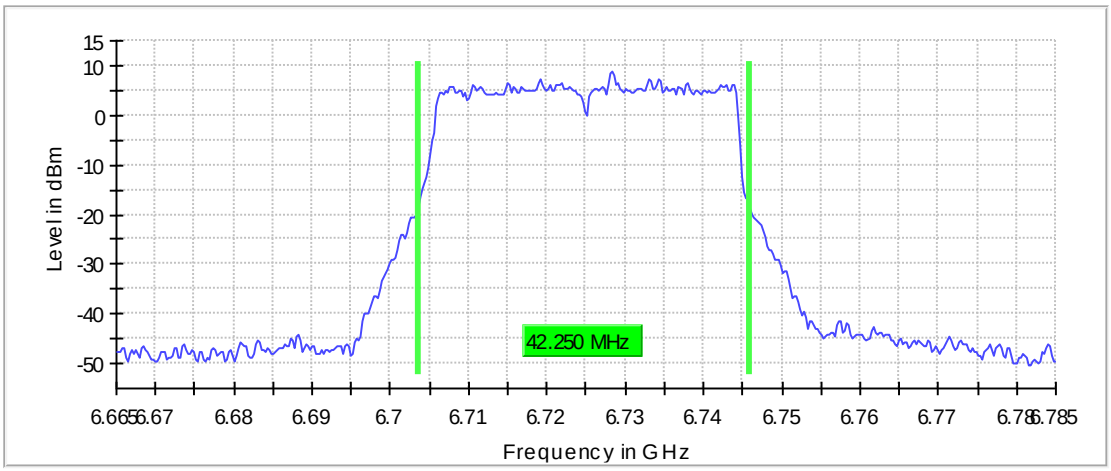
Emission Bandwidth 26 dB (6725 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

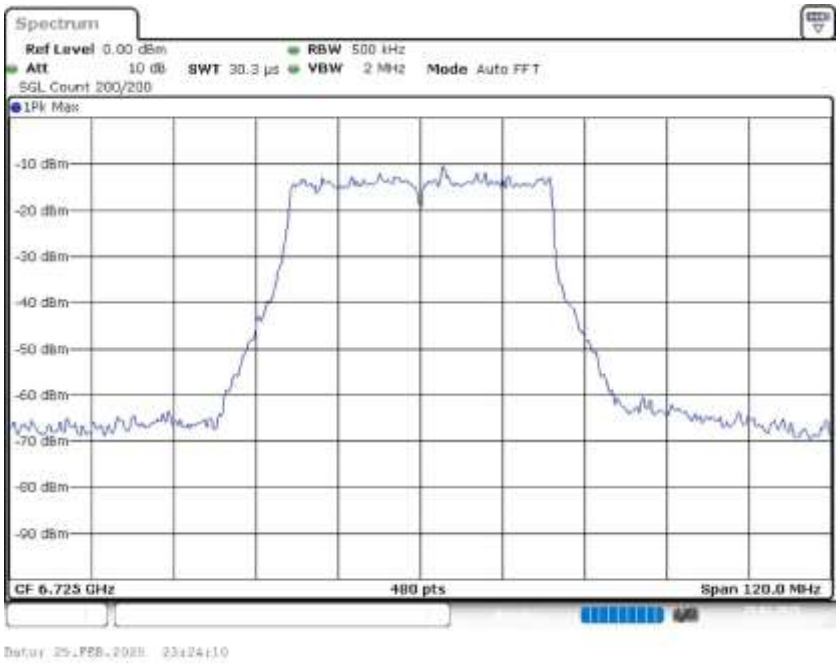
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6725.000000	42.250000	---	320.000000	6703.625000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6725.000000	6745.875000	---	8.8	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.66500 GHz	6.66500 GHz
Stop Frequency	6.78500 GHz	6.78500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweeptime	30.250 µs	AUTO
Reference Level	0.000 dBm	AUTO
Attenuation	10.000 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

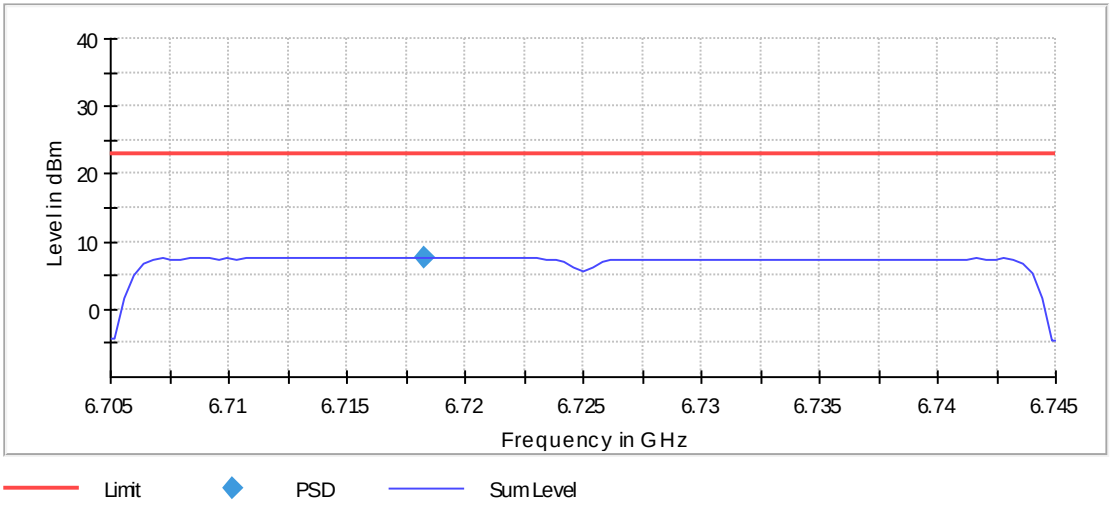
Power Spectral Density (SA-2) (6725 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6725.000000	6718.267327	7.618	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



In-Band Emissions (6725 MHz; 24.000 dBm; 40 MHz)

Result

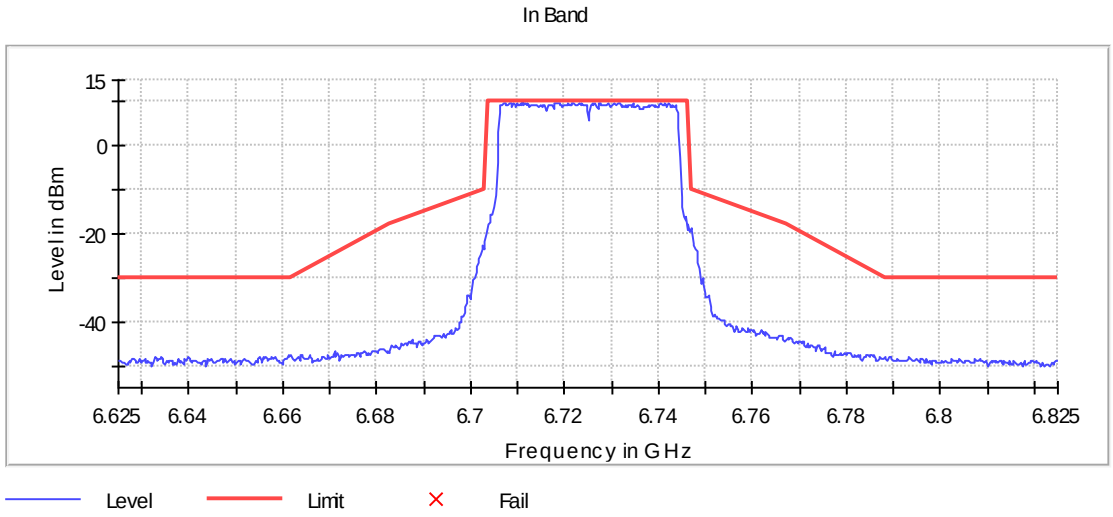
DUT Frequency (MHz)	Result
6725.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6711.125000	10.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6711.125000	10.0	0.0	10.0	PASS
6729.375000	9.9	0.1	10.0	PASS
6721.875000	9.9	0.1	10.0	PASS
6721.625000	9.9	0.1	10.0	PASS
6718.375000	9.9	0.1	10.0	PASS
6727.625000	9.9	0.1	10.0	PASS
6730.375000	9.9	0.1	10.0	PASS
6729.125000	9.8	0.2	10.0	PASS
6718.875000	9.8	0.2	10.0	PASS
6740.375000	9.8	0.2	10.0	PASS
6718.125000	9.8	0.2	10.0	PASS
6725.875000	9.7	0.3	10.0	PASS
6709.125000	9.7	0.3	10.0	PASS
6731.875000	9.7	0.3	10.0	PASS
6731.625000	9.7	0.3	10.0	PASS

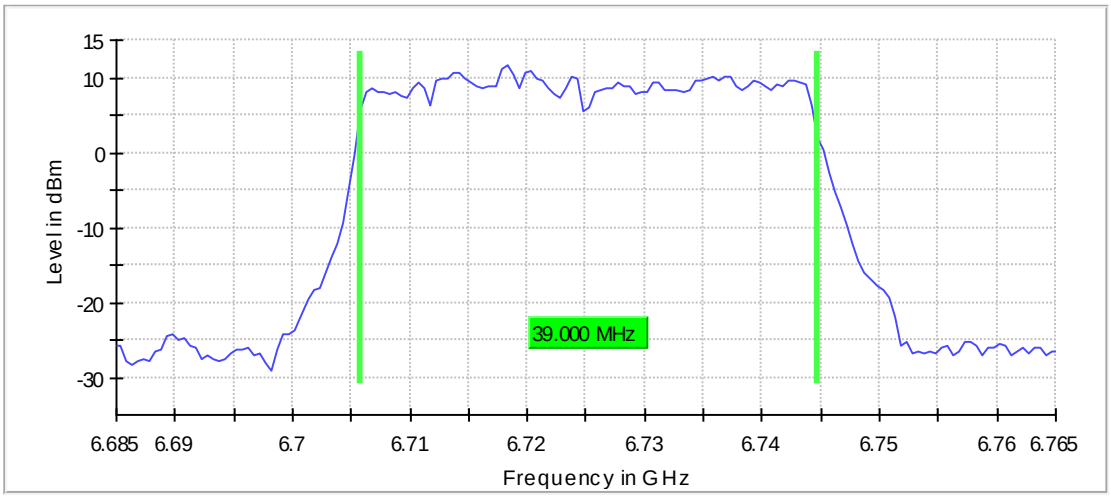


Occupied Channel Bandwidth 99% (6725 MHz; 24.000 dBm; 40 MHz)

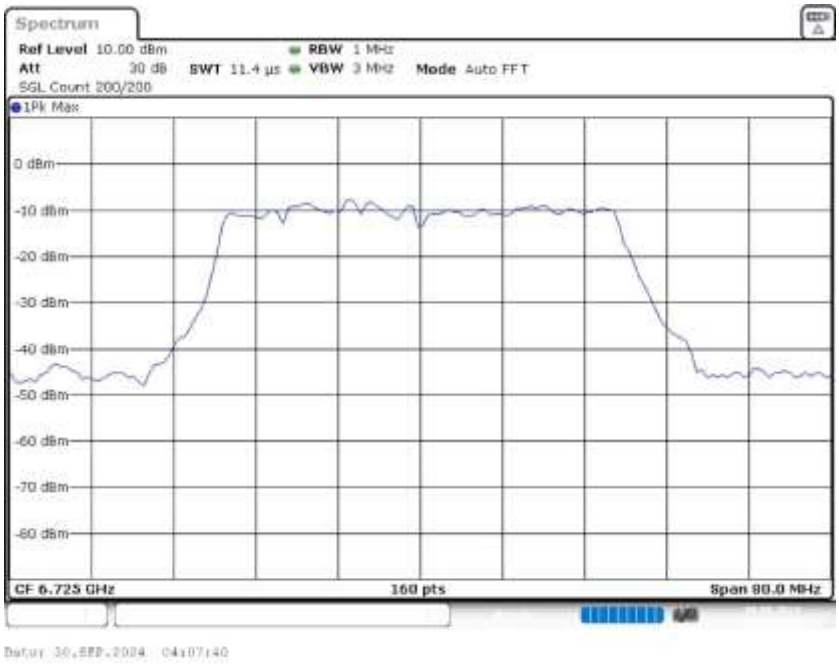
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6725.000000	39.000000	---	320.000000	6705.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6725.000000	6744.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.68500 GHz	6.68500 GHz
Stop Frequency	6.76500 GHz	6.76500 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	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

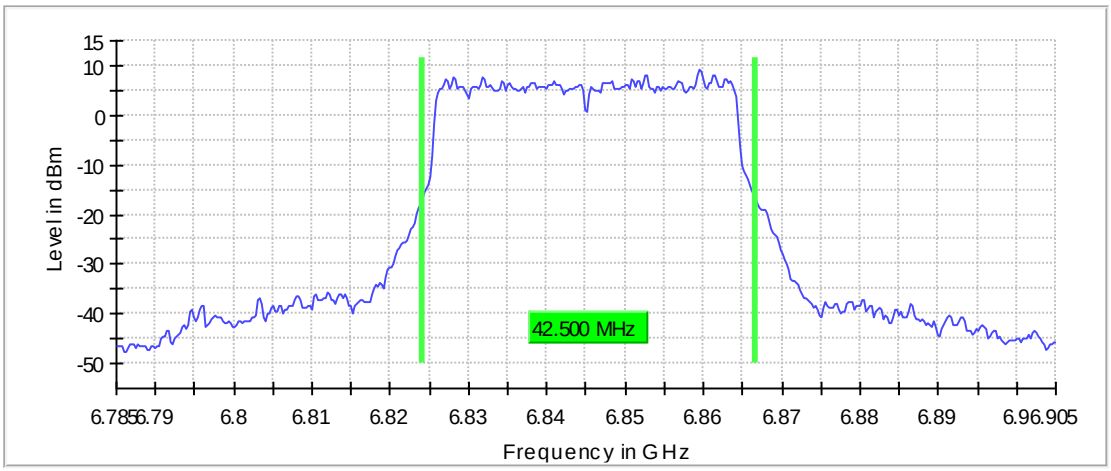
Emission Bandwidth 26 dB (6845 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

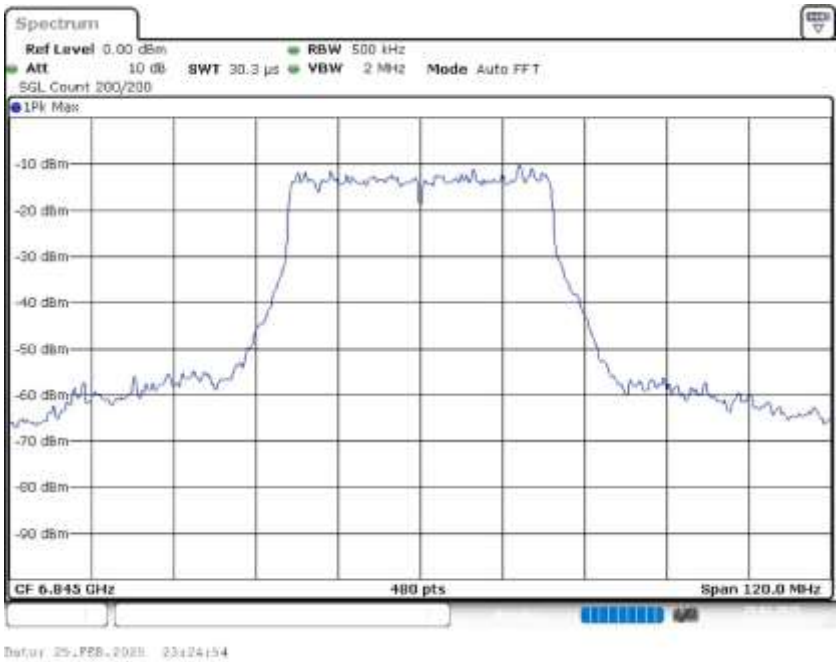
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6845.000000	42.500000	---	320.000000	6824.125000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6845.000000	6866.625000	---	9.4	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.78500 GHz	6.78500 GHz
Stop Frequency	6.90500 GHz	6.90500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweeptime	30.250 µs	AUTO
Reference Level	0.000 dBm	AUTO

Attenuation	10.000 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

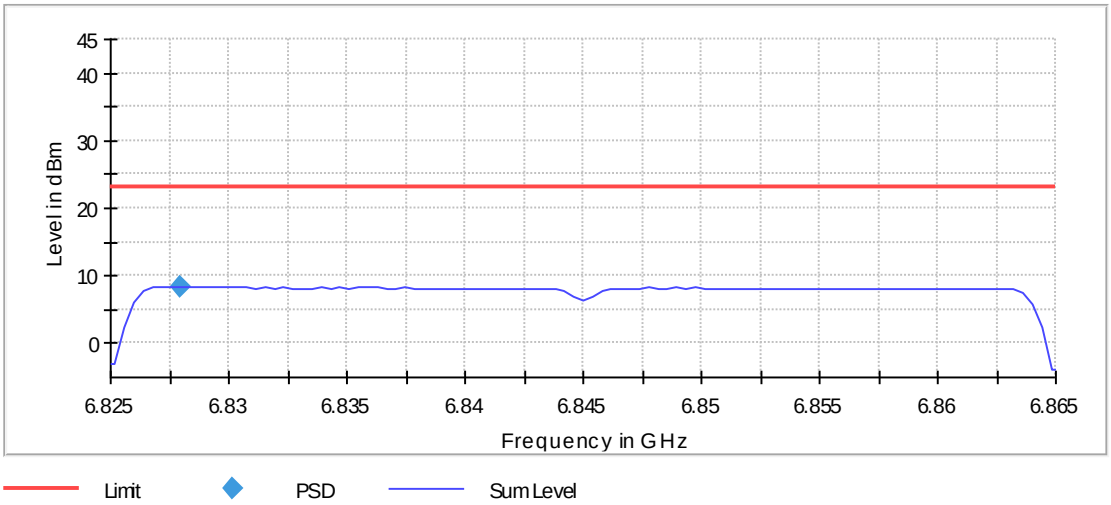
Power Spectral Density (SA-2) (6845 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6845.000000	6827.970297	8.374	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



In-Band Emissions (6845 MHz; 24.000 dBm; 40 MHz)

Result

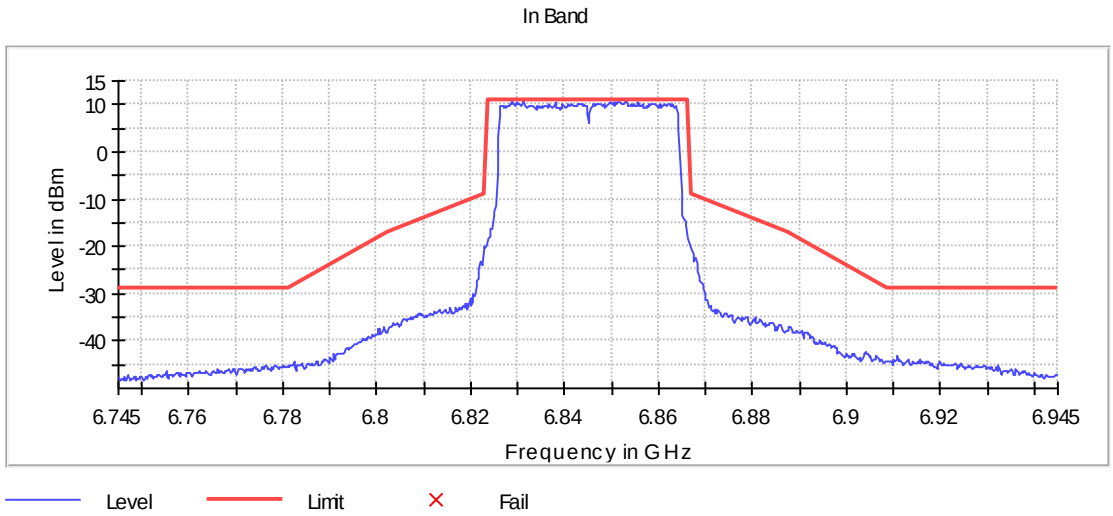
DUT Frequency (MHz)	Result
6845.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6831.375000	10.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6831.375000	10.9	0.0	10.9	PASS
6828.875000	10.9	0.0	10.9	PASS
6852.875000	10.9	0.0	10.9	PASS
6853.125000	10.8	0.1	10.9	PASS
6855.625000	10.6	0.3	10.9	PASS
6851.375000	10.6	0.3	10.9	PASS
6850.875000	10.5	0.4	10.9	PASS
6851.875000	10.5	0.4	10.9	PASS
6838.125000	10.5	0.4	10.9	PASS
6829.875000	10.5	0.5	10.9	PASS
6850.375000	10.4	0.5	10.9	PASS
6851.625000	10.4	0.5	10.9	PASS
6849.875000	10.4	0.5	10.9	PASS
6849.625000	10.4	0.5	10.9	PASS
6831.125000	10.3	0.6	10.9	PASS

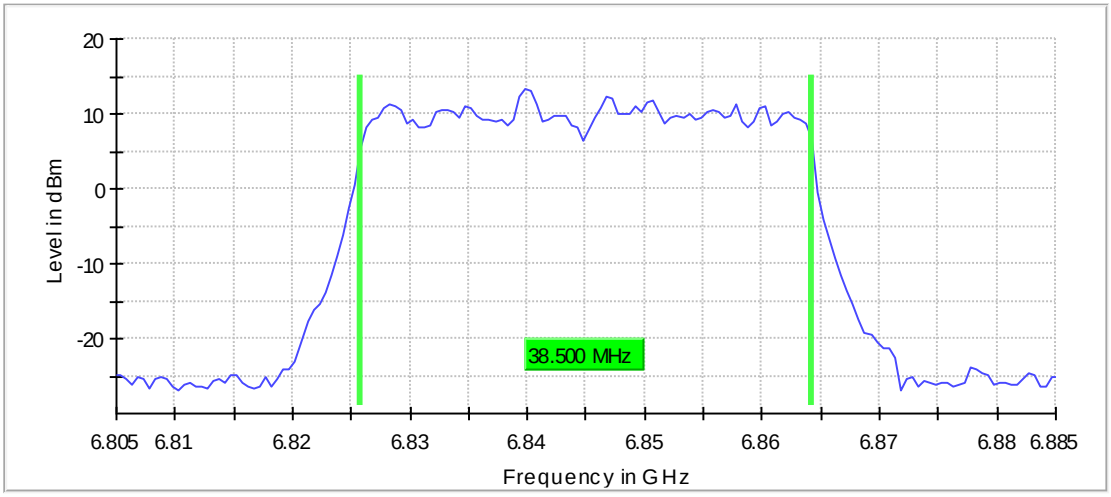


Occupied Channel Bandwidth 99% (6845 MHz; 24.000 dBm; 40 MHz)

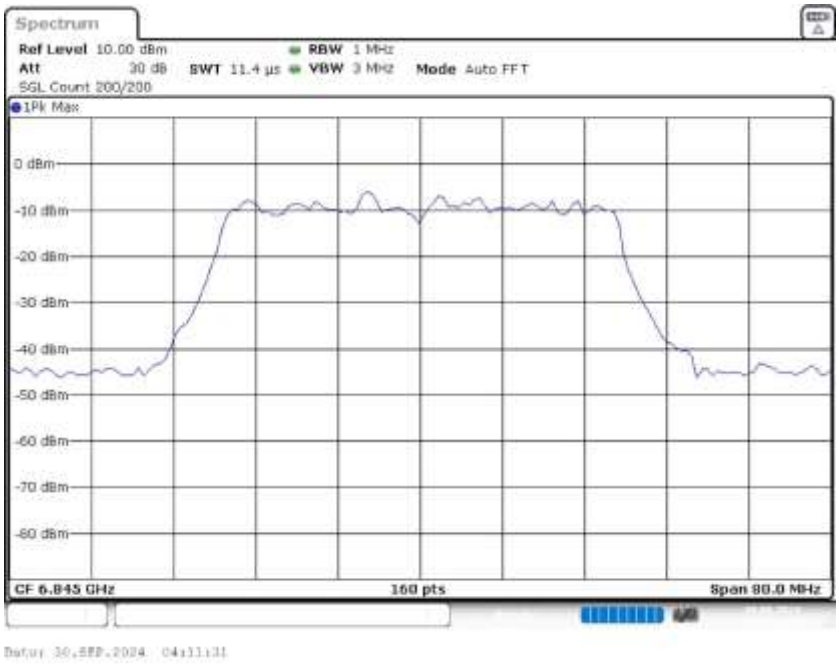
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6845.000000	38.500000	---	320.000000	6825.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6845.000000	6864.250000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	**6.80500 GHz**	**6.80500 GHz**
Stop Frequency	**6.88500 GHz**	**6.88500 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**

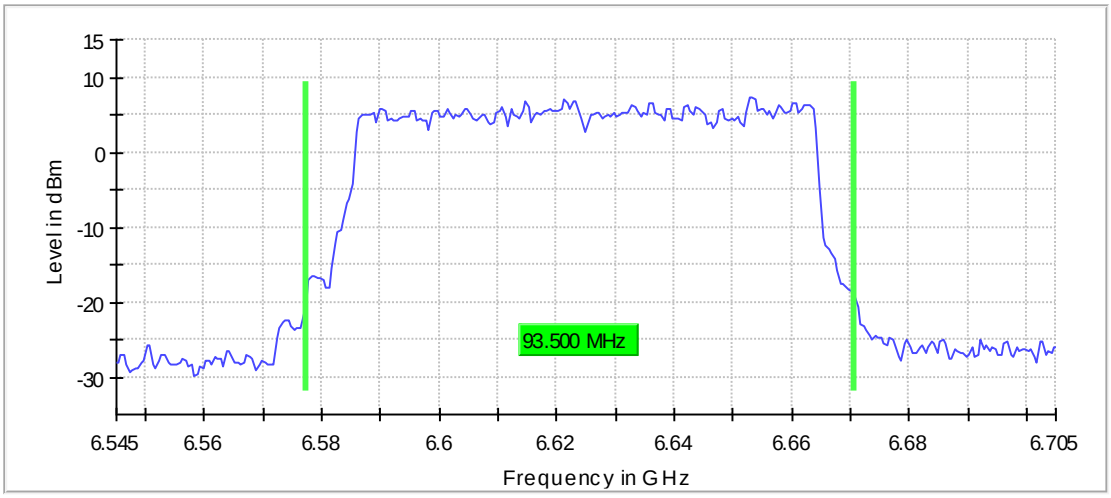
Sweeptime	11.438 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (6625 MHz; 24.000 dBm; 80 MHz)

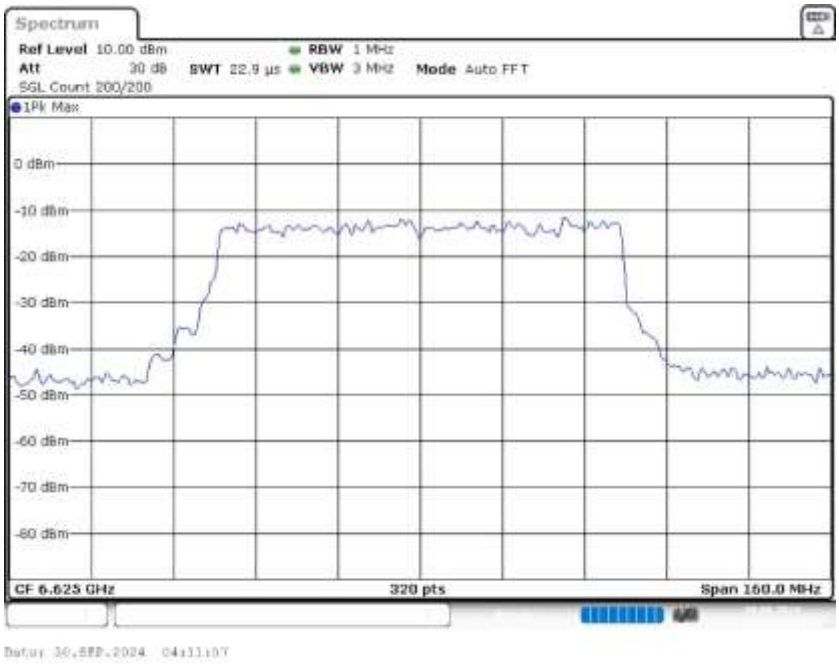
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6625.000000	93.500000	---	320.000000	6577.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6625.000000	6670.750000	---	7.4	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.54500 GHz	6.54500 GHz
Stop Frequency	6.70500 GHz	6.70500 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

Power Spectral Density (SA-2) (6625 MHz; 24.000 dBm; 80 MHz)

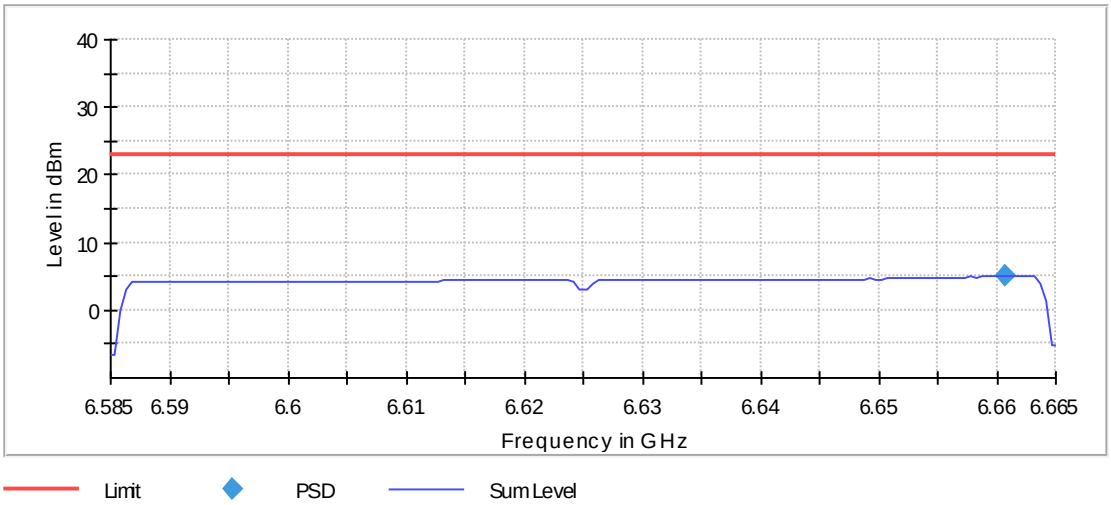
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6625.000000	6660.750000	5.120	23.0	PASS

Ports

Port	State
1	used
2	used

3	used
4	used



In-Band Emissions (6625 MHz; 24.000 dBm; 80 MHz)

Result

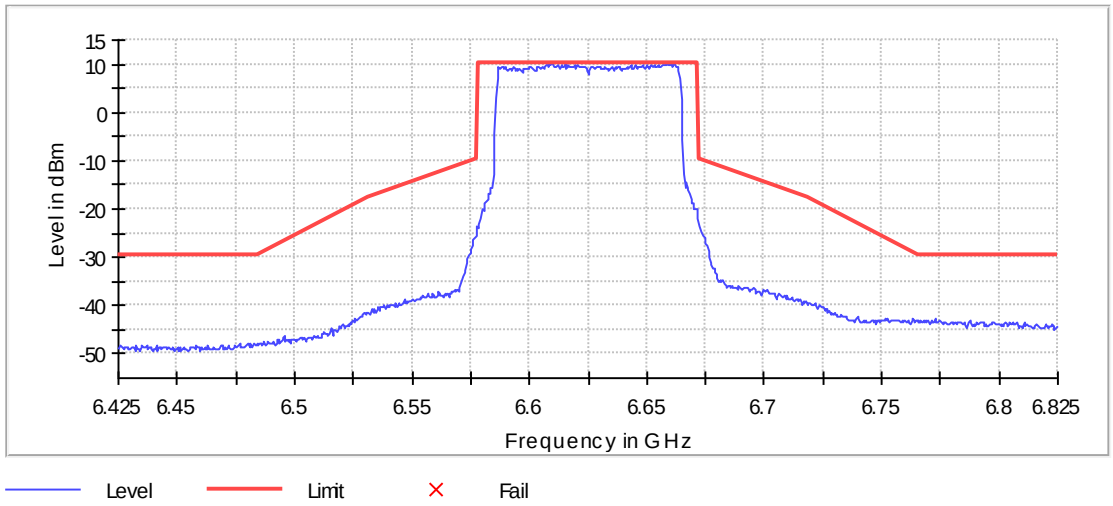
DUT Frequency (MHz)	Result
6625.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6660.250000	10.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6661.750000	10.2	0.2	10.4	PASS
6658.750000	10.1	0.3	10.4	PASS
6609.750000	10.1	0.3	10.4	PASS
6608.750000	10.1	0.3	10.4	PASS
6615.250000	10.0	0.4	10.4	PASS
6656.750000	10.0	0.4	10.4	PASS
6616.750000	10.0	0.4	10.4	PASS
6658.250000	10.0	0.4	10.4	PASS
6653.250000	9.9	0.5	10.4	PASS
6619.250000	9.8	0.5	10.4	PASS
6613.750000	9.8	0.6	10.4	PASS
6660.750000	9.8	0.6	10.4	PASS
6649.750000	9.8	0.6	10.4	PASS
6654.750000	9.8	0.6	10.4	PASS
6607.750000	9.7	0.7	10.4	PASS



Measurement 1

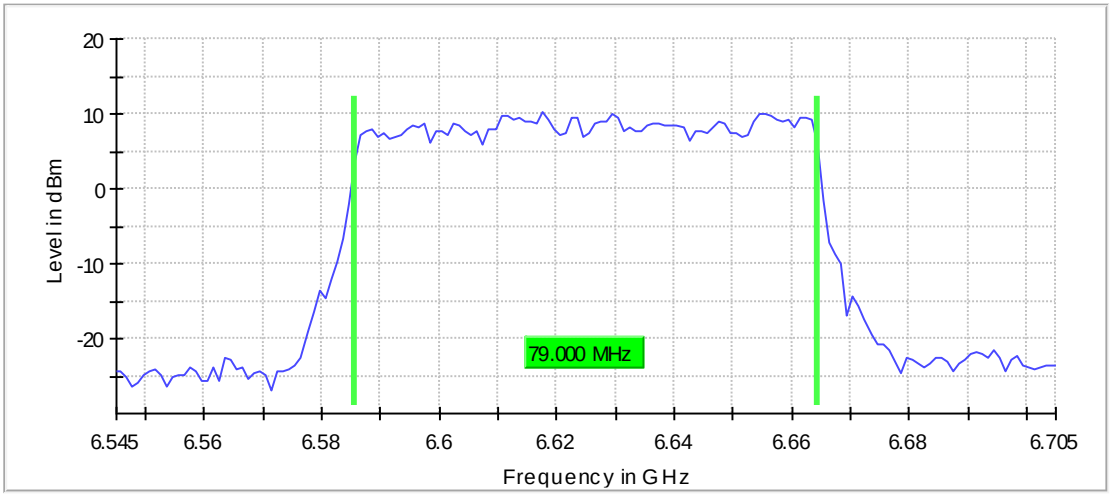
Setting	Instrument Value	Target Value
Start Frequency	6.42500 GHz	6.42500 GHz
Stop Frequency	6.82500 GHz	6.82500 GHz
Span	400.000 MHz	400.000 MHz
RBW	1.000 MHz	~ 800.000 kHz
VBW	3.000 MHz	~ 3.000 MHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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% (6625 MHz; 24.000 dBm; 80 MHz)

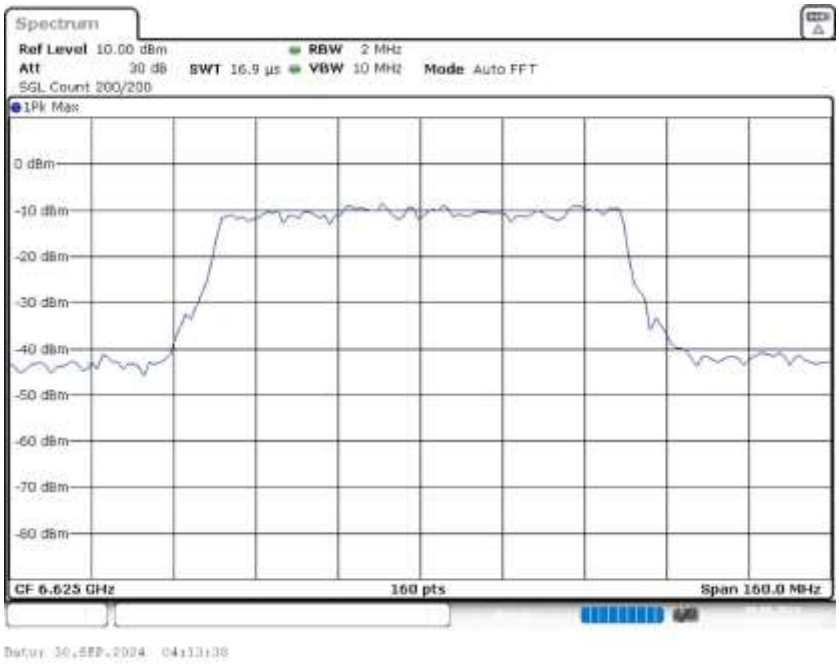
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6625.000000	79.000000	---	320.000000	6585.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6625.000000	6664.500000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.54500 GHz	6.54500 GHz
Stop Frequency	6.70500 GHz	6.70500 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

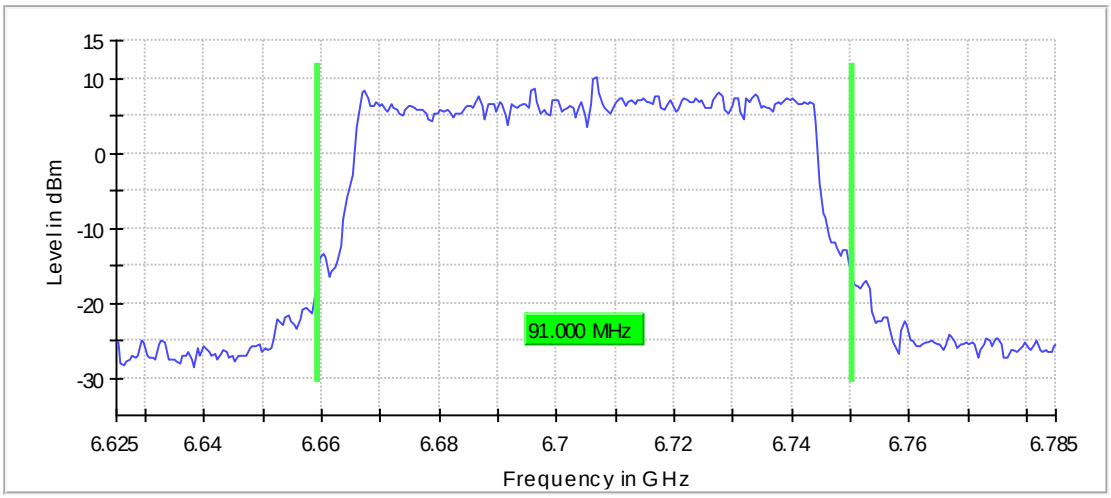
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

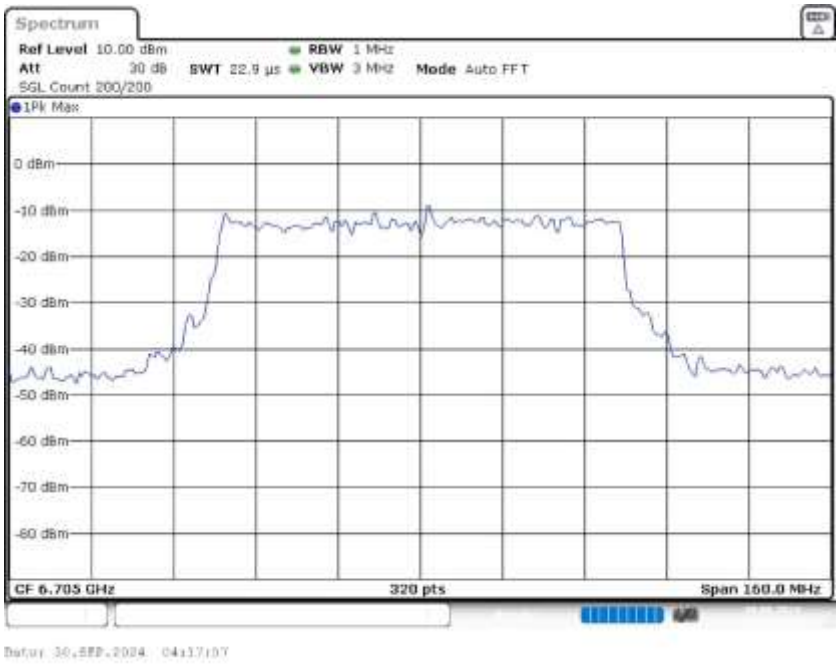
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6705.000000	91.000000	---	320.000000	6659.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6705.000000	6750.250000	---	10.0	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

Power Spectral Density (SA-2) (6705 MHz; 24.000 dBm; 80 MHz)

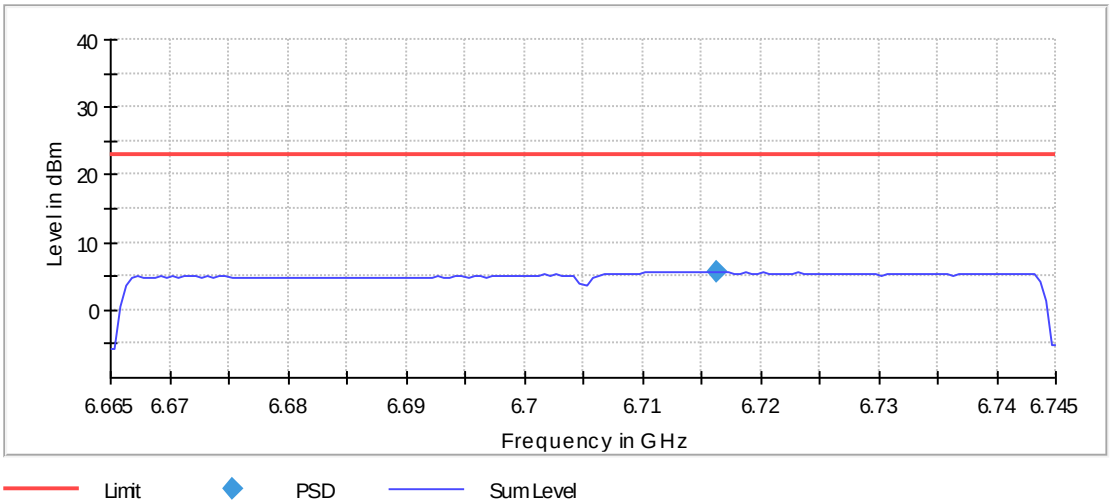
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6716.250000	5.609	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used



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

Result

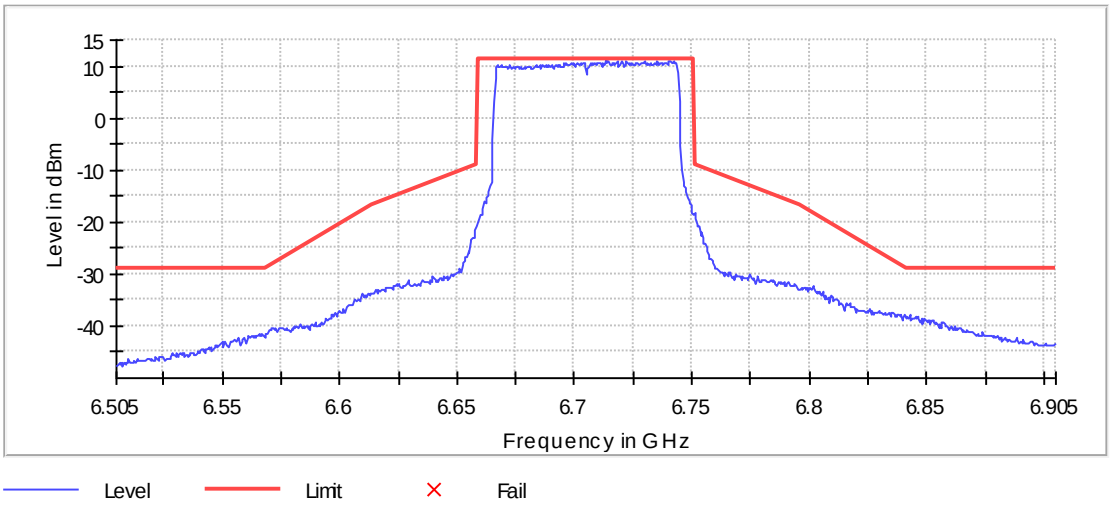
DUT Frequency (MHz)	Result
6705.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6713.250000	11.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6740.750000	11.1	0.1	11.2	PASS
6740.250000	11.0	0.1	11.2	PASS
6714.250000	11.0	0.1	11.2	PASS
6714.750000	11.0	0.2	11.2	PASS
6742.250000	11.0	0.2	11.2	PASS
6720.250000	10.9	0.2	11.2	PASS
6741.250000	10.9	0.2	11.2	PASS
6718.250000	10.9	0.3	11.2	PASS
6735.250000	10.8	0.3	11.2	PASS
6729.750000	10.8	0.4	11.2	PASS
6722.250000	10.8	0.4	11.2	PASS
6713.750000	10.7	0.4	11.2	PASS
6706.750000	10.7	0.4	11.2	PASS
6728.750000	10.7	0.5	11.2	PASS
6711.250000	10.7	0.5	11.2	PASS

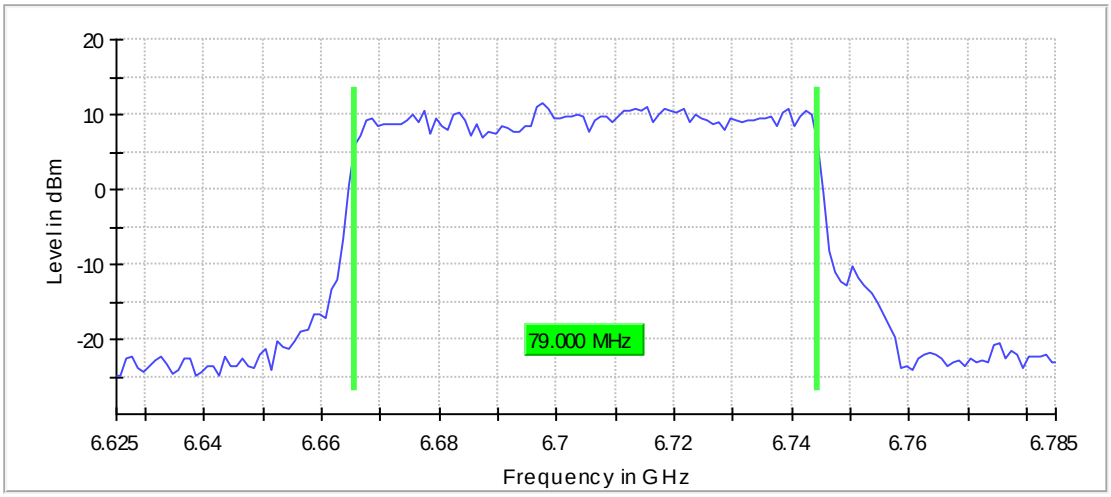


Occupied Channel Bandwidth 99% (6705 MHz; 24.000 dBm; 80 MHz)

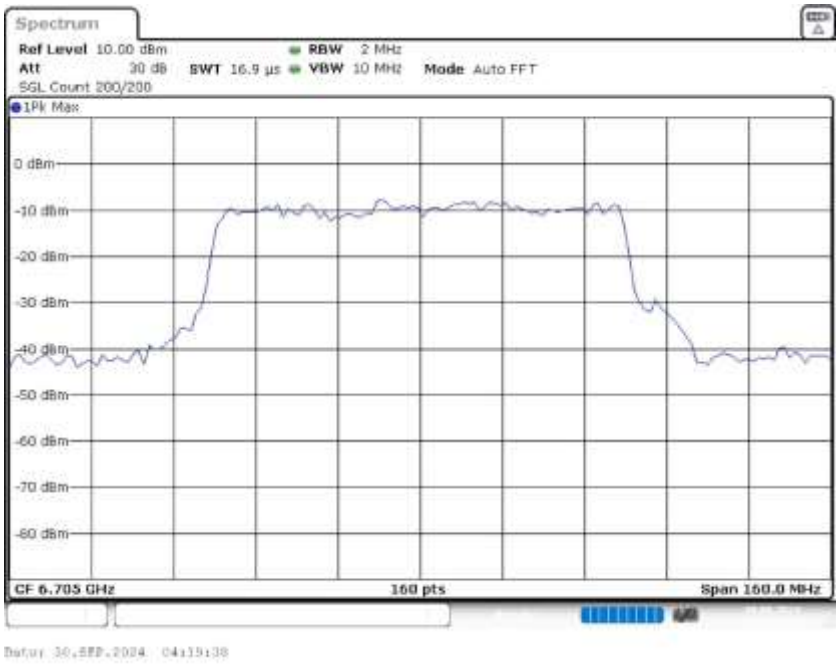
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6705.000000	79.000000	---	320.000000	6665.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6705.000000	6744.500000	7125.000000	PASS



Bandwidth



Measurement

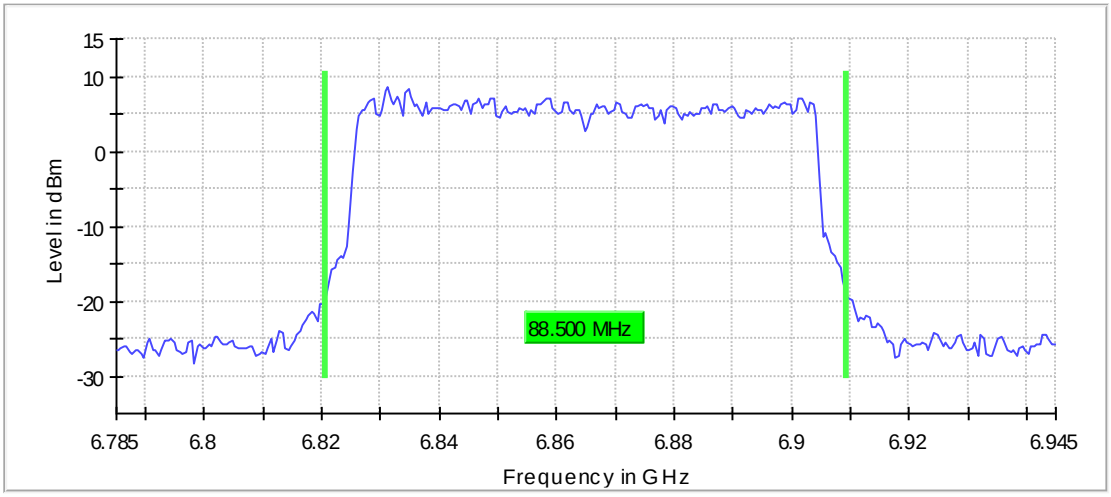
Setting	Instrument Value	Target Value
Start Frequency	6.62500 GHz	6.62500 GHz
Stop Frequency	6.78500 GHz	6.78500 GHz
Span	160.000 MHz	160.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	160	~ 160
Sweeptime	16.875 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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)

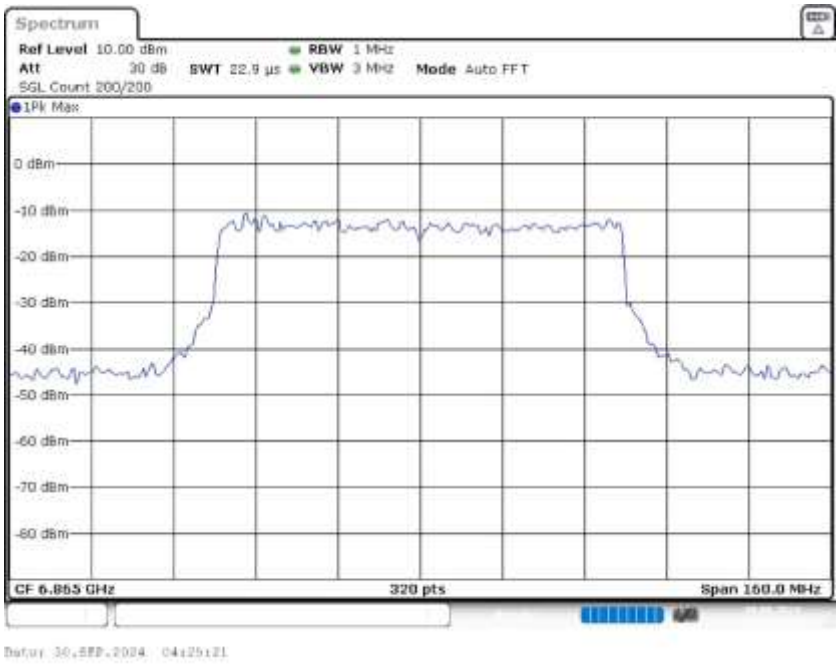
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	88.500000	54.250000	34.250000	---	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
6865.000000	6820.750000	---	6909.250000	---	8.7	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

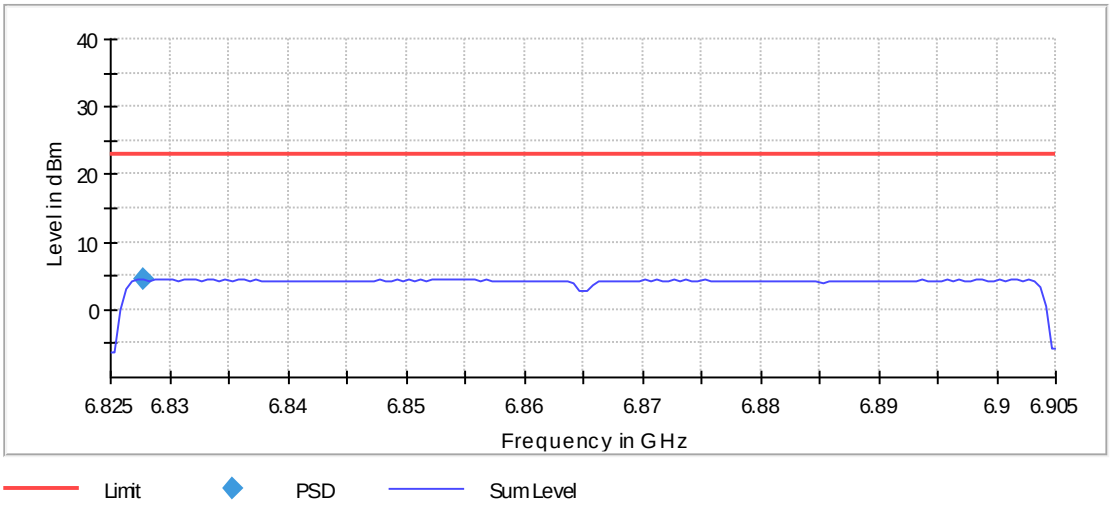
Power Spectral Density (SA-2) (6865 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6865.000000	6827.750000	4.468	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

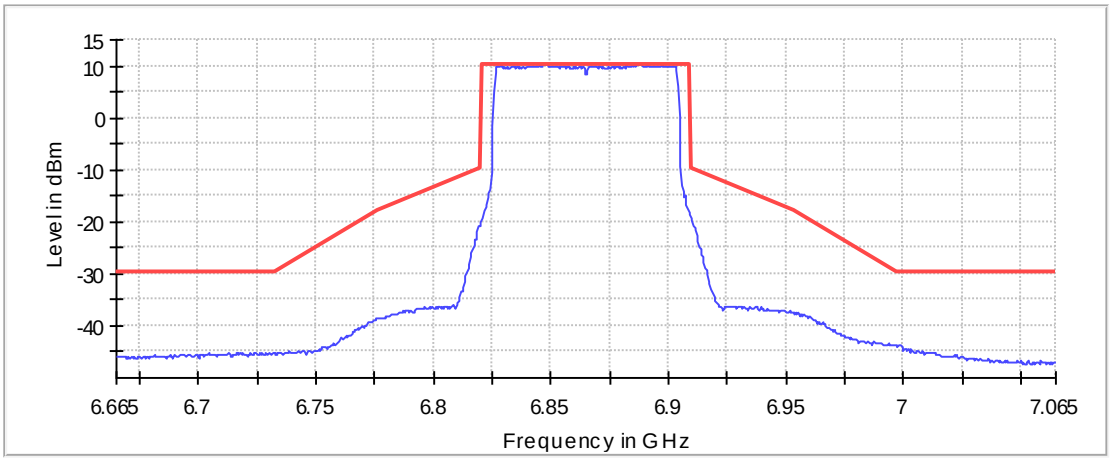
DUT Frequency (MHz)	Result
6865.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6888.250000	10.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6888.250000	10.3	0.0	10.3	PASS
6845.250000	10.2	0.0	10.3	PASS
6846.750000	10.2	0.0	10.3	PASS
6848.250000	10.2	0.1	10.3	PASS
6888.750000	10.2	0.1	10.3	PASS
6847.750000	10.2	0.1	10.3	PASS
6848.750000	10.2	0.1	10.3	PASS
6887.750000	10.1	0.1	10.3	PASS
6886.750000	10.1	0.1	10.3	PASS
6847.250000	10.1	0.2	10.3	PASS
6882.250000	10.0	0.2	10.3	PASS
6884.750000	10.0	0.2	10.3	PASS
6828.750000	10.0	0.2	10.3	PASS
6885.750000	10.0	0.2	10.3	PASS
6887.250000	10.0	0.3	10.3	PASS



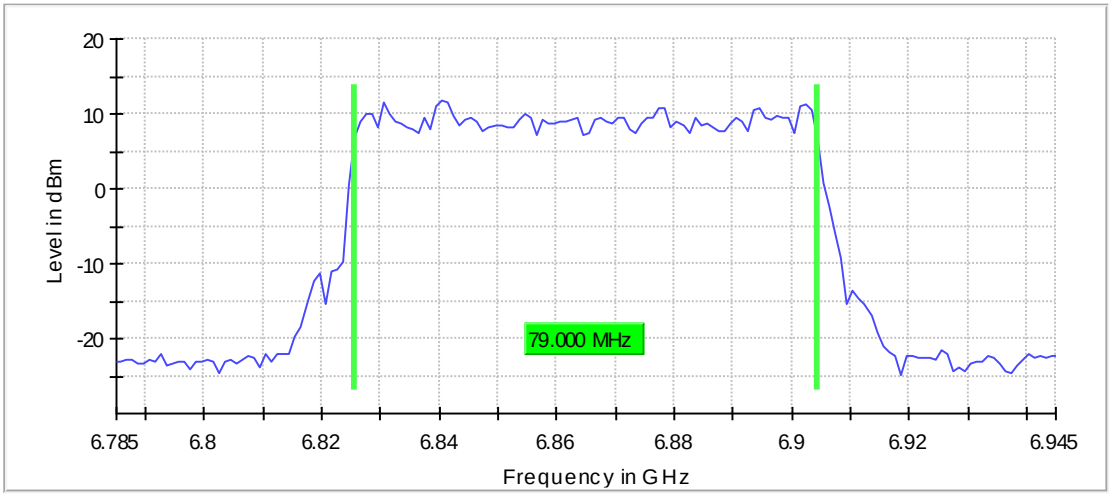
Level Limit Fail

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

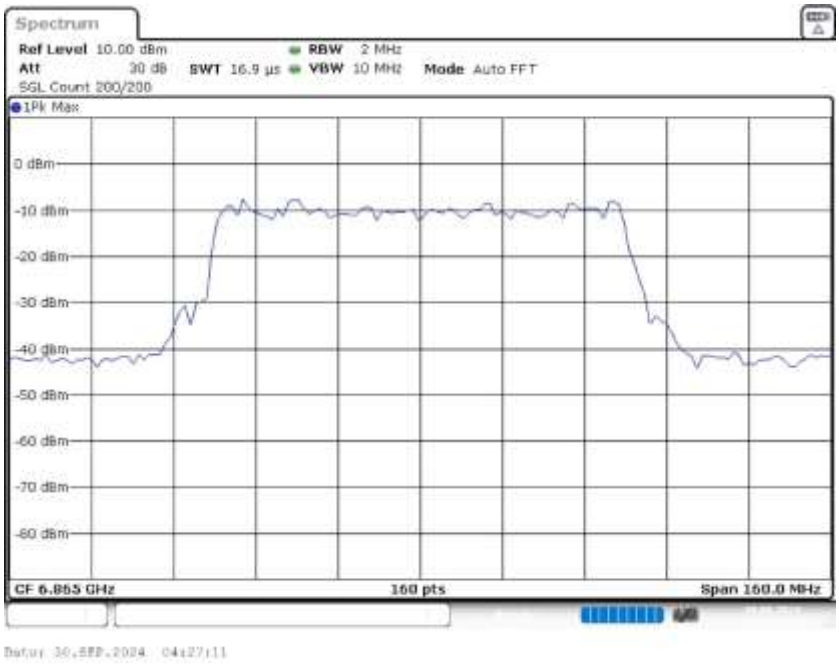
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	79.000000	49.500000	29.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6865.000000	6825.500000	5925.000000	6904.500000	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	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

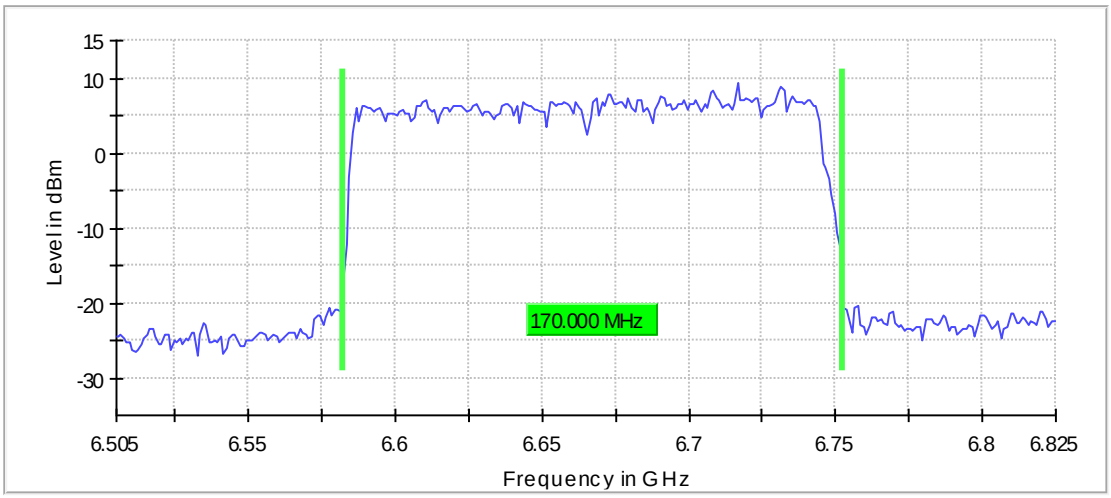
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

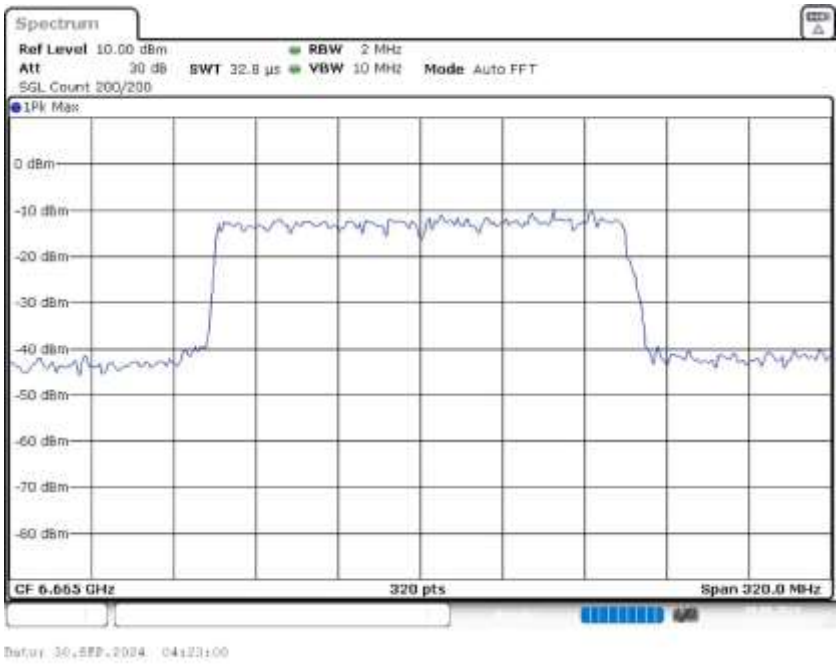
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6665.000000	170.000000	---	320.000000	6582.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6665.000000	6752.500000	---	9.2	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

Power Spectral Density (SA-2) (6665 MHz; 24.000 dBm; 160 MHz)

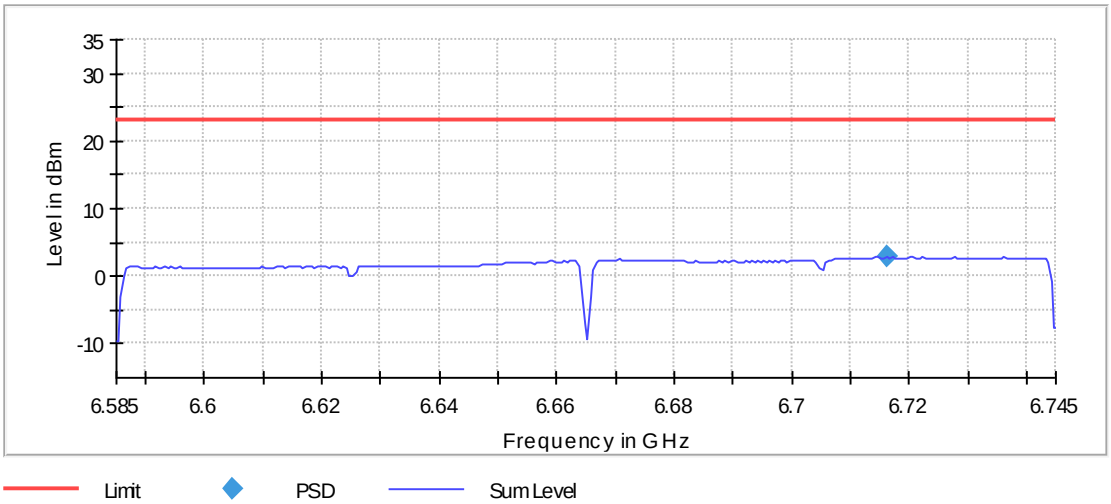
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6716.250000	2.896	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used

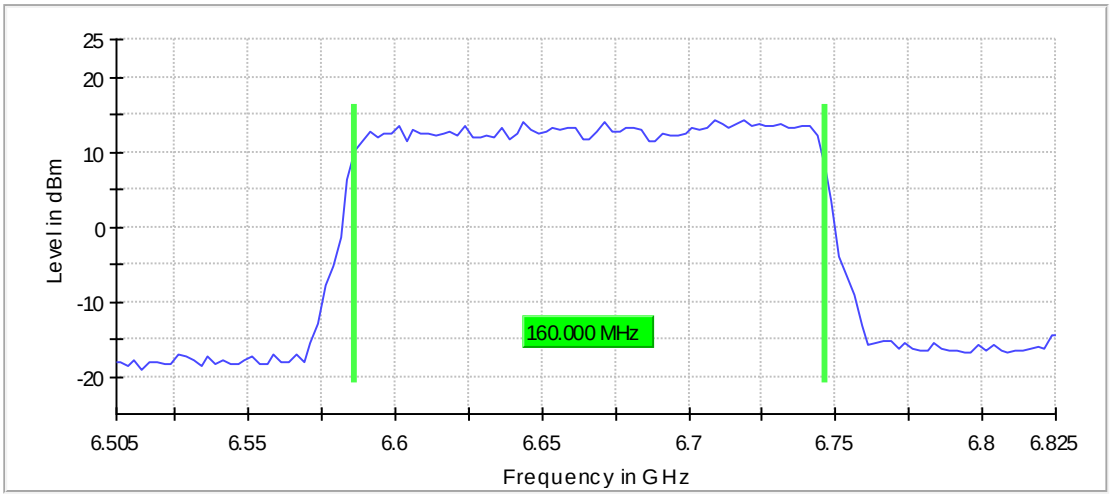


Occupied Channel Bandwidth 99% (6665 MHz; 24.000 dBm; 160 MHz)

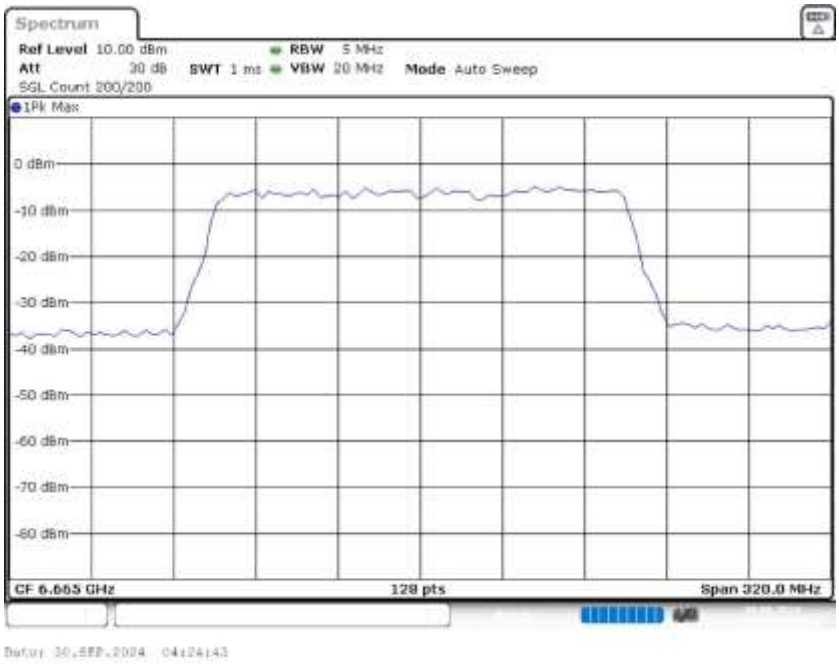
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6665.000000	160.000000	---	320.000000	6586.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6665.000000	6746.250000	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	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
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 (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6665.000000	PASS

Final measurements

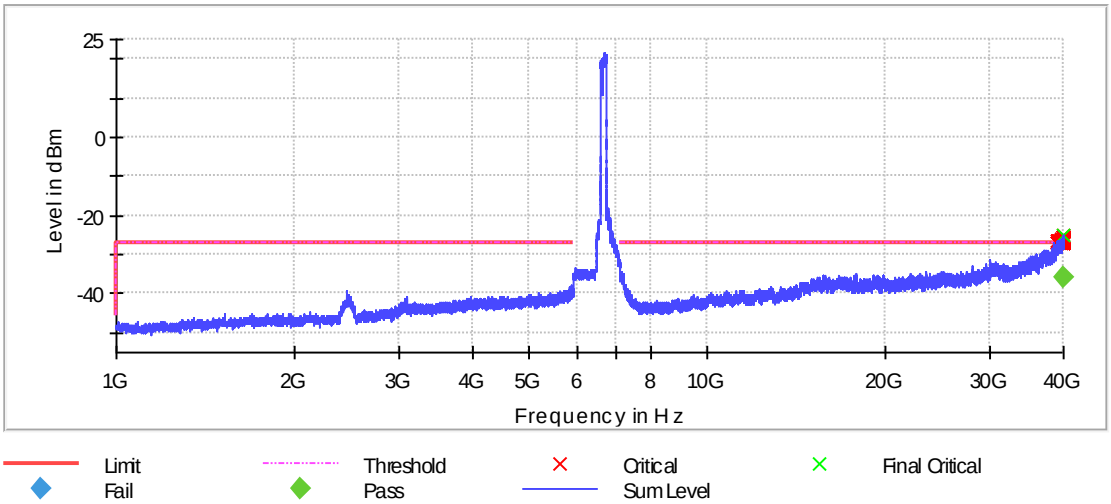
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
39999.250000	-25.1	-35.7	-27.0	8.7	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39999.250000	-25.1	-1.9	-27.0
39969.750000	-25.3	-1.7	-27.0
39983.750000	-25.4	-1.6	-27.0
39971.750000	-25.5	-1.5	-27.0
39928.250000	-25.5	-1.5	-27.0
39979.250000	-25.6	-1.4	-27.0
39939.750000	-25.7	-1.3	-27.0
39983.250000	-25.7	-1.3	-27.0
39997.250000	-25.7	-1.3	-27.0
39959.250000	-25.7	-1.3	-27.0
39991.250000	-25.8	-1.2	-27.0
39989.750000	-25.8	-1.2	-27.0
39956.750000	-25.8	-1.2	-27.0
39814.250000	-25.8	-1.2	-27.0
39951.250000	-25.8	-1.2	-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

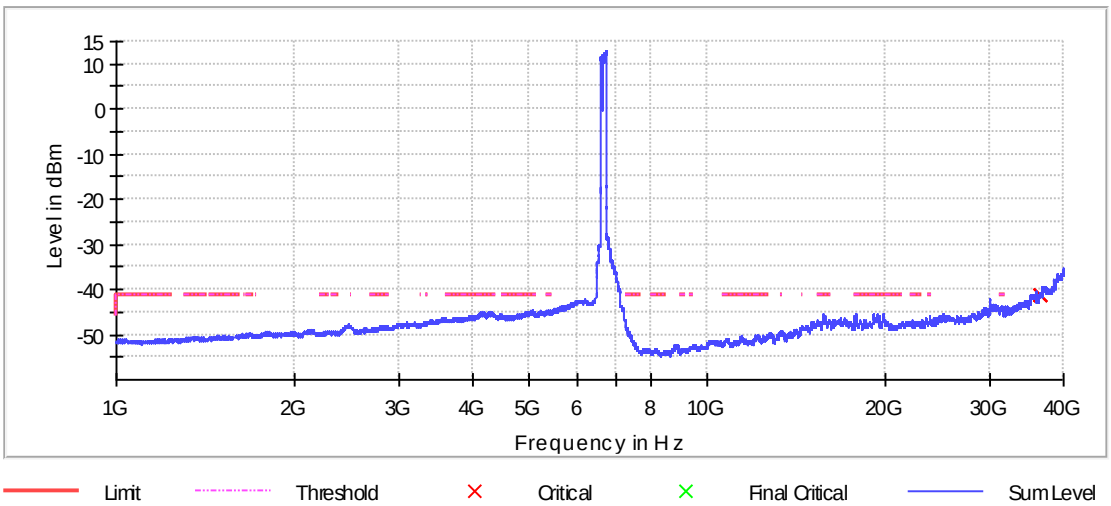
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36490.765914	-41.1	-0.1	-41.2
36499.703134	-41.1	-0.1	-41.2
36492.828349	-41.1	-0.1	-41.2
36483.203650	-41.2	0.0	-41.2
36494.890785	-41.2	0.0	-41.2
36497.640699	-41.2	0.0	-41.2
36498.328177	-41.2	0.0	-41.2
36496.953220	-41.2	0.0	-41.2
36499.015656	-41.2	0.0	-41.2
36488.703478	-41.2	0.0	-41.2
36492.140871	-41.2	0.0	-41.2
36496.265742	-41.2	0.0	-41.2
36490.078435	-41.3	0.1	-41.2
36458.454423	-41.3	0.1	-41.2
36484.578607	-41.3	0.1	-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

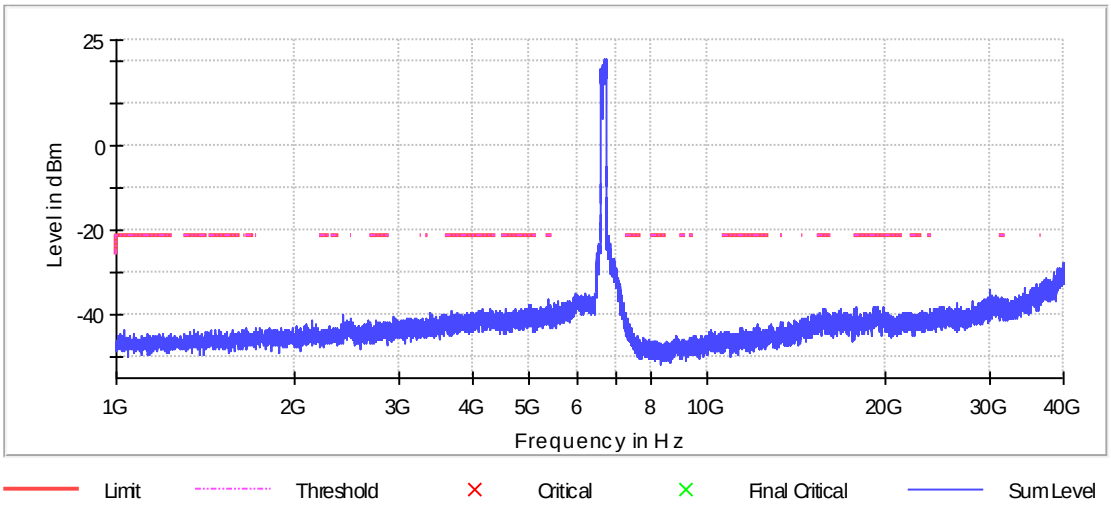
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36498.328177	-33.2	12.0	-21.2
36481.828693	-34.2	13.0	-21.2
36477.703822	-34.2	13.0	-21.2
36450.204681	-34.3	13.1	-21.2
36450.892160	-34.4	13.2	-21.2
36438.517546	-34.5	13.3	-21.2
36483.891128	-34.6	13.4	-21.2
36494.203306	-34.6	13.4	-21.2
36443.329896	-34.6	13.4	-21.2
36436.455111	-34.6	13.4	-21.2
36493.515828	-34.7	13.5	-21.2
36462.579294	-34.7	13.5	-21.2
36467.391644	-34.7	13.5	-21.2
36444.017374	-34.8	13.6	-21.2
36483.203650	-34.8	13.6	-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

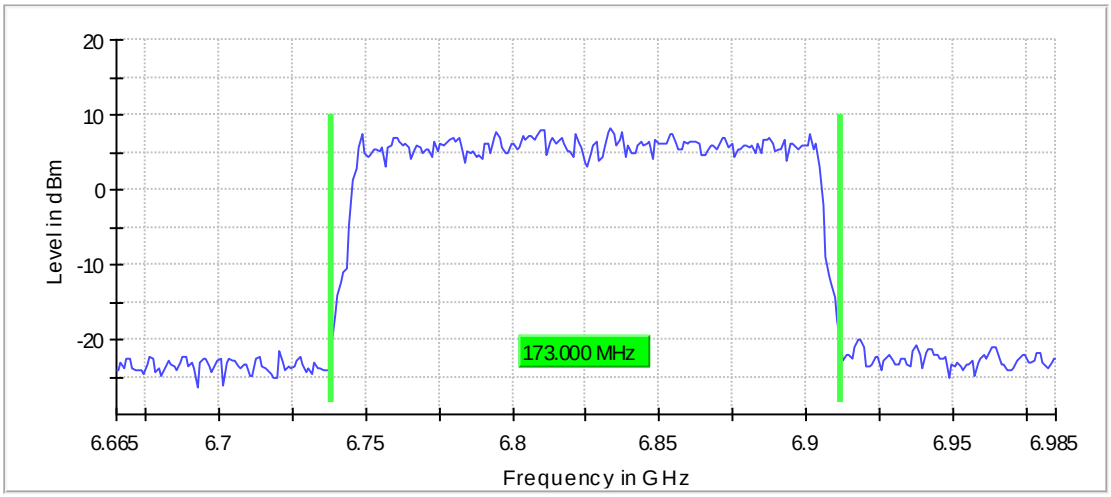


Emission Bandwidth 26 dB (6825 MHz; 24.000 dBm; 160 MHz)

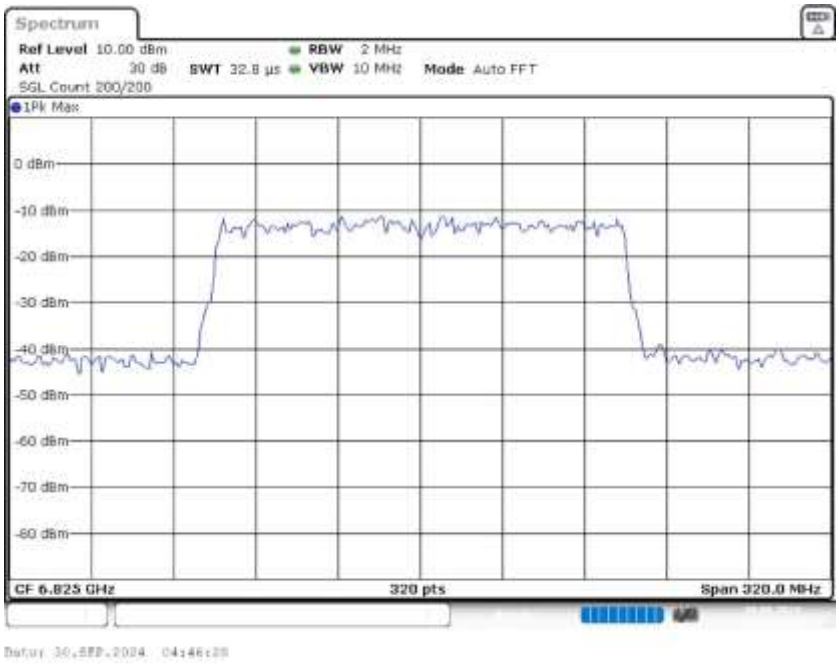
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	173.000000	136.500000	36.500000	---	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	6738.500000	---	6911.500000	---	8.1	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

Power Spectral Density (SA-2) (6825 MHz; 24.000 dBm; 160 MHz)

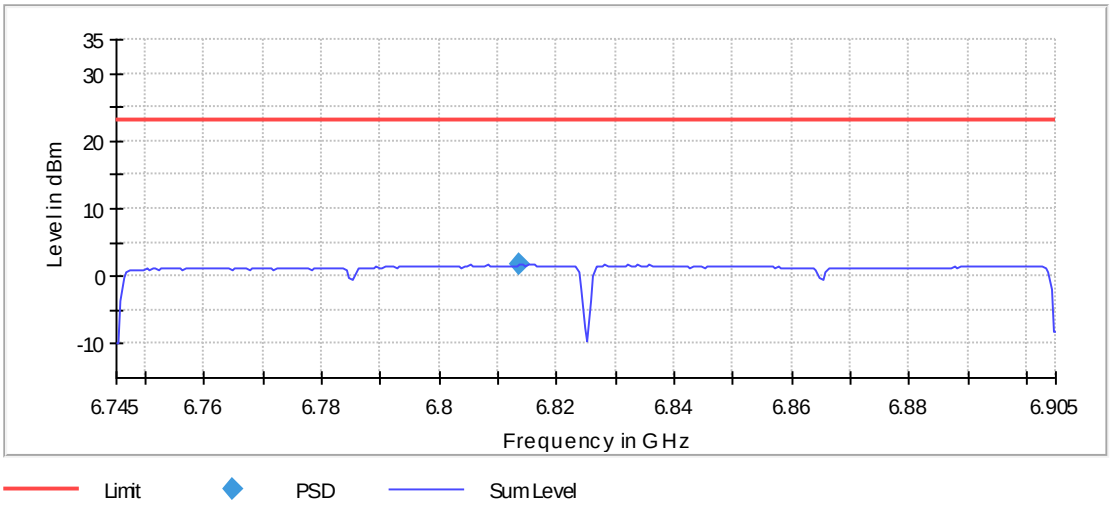
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6825.000000	6813.750000	1.761	23.0	PASS

Ports

Port	State
1	used
2	used

3	used
4	used

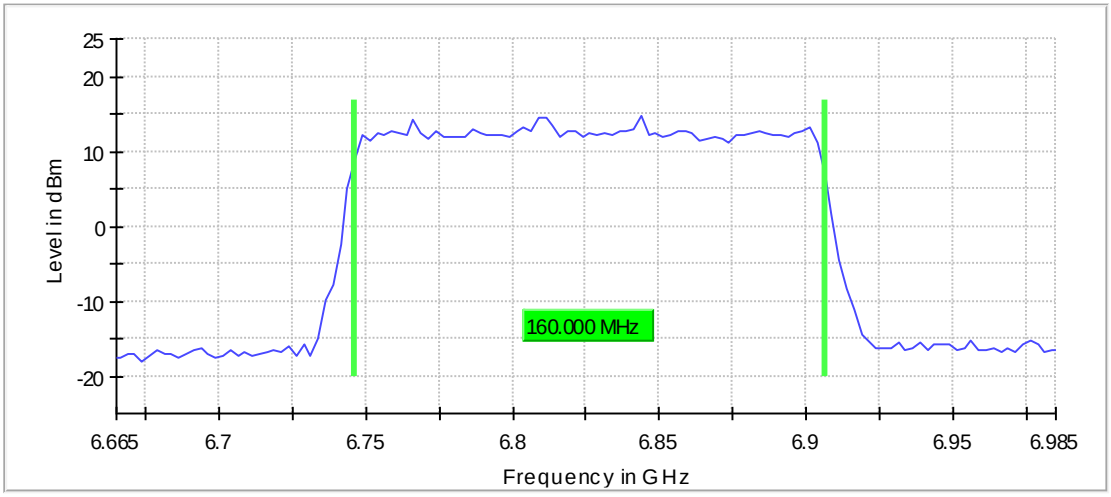


Occupied Channel Bandwidth 99% (6825 MHz; 24.000 dBm; 160 MHz)

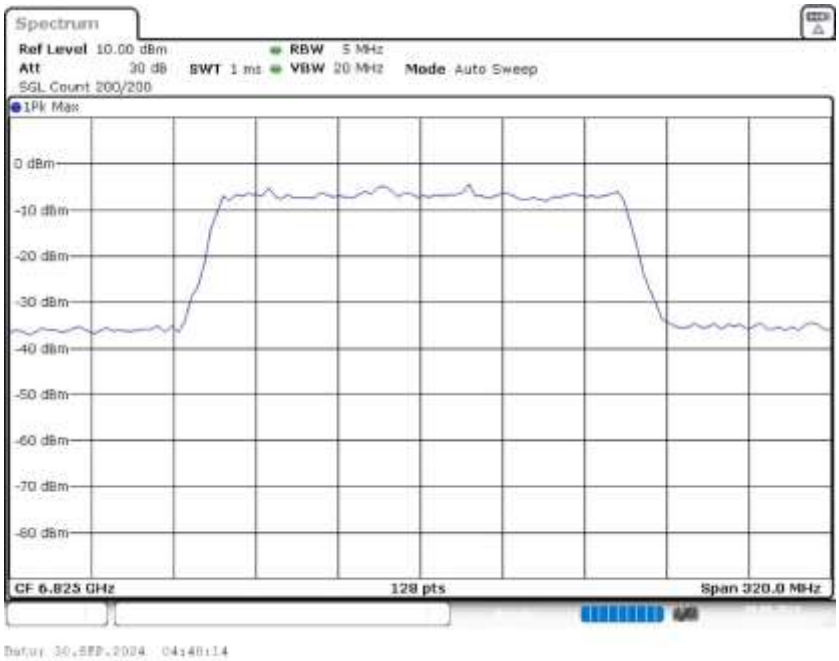
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	160.000000	128.750000	31.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6825.000000	6746.250000	5925.000000	6906.250000	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	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
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 (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

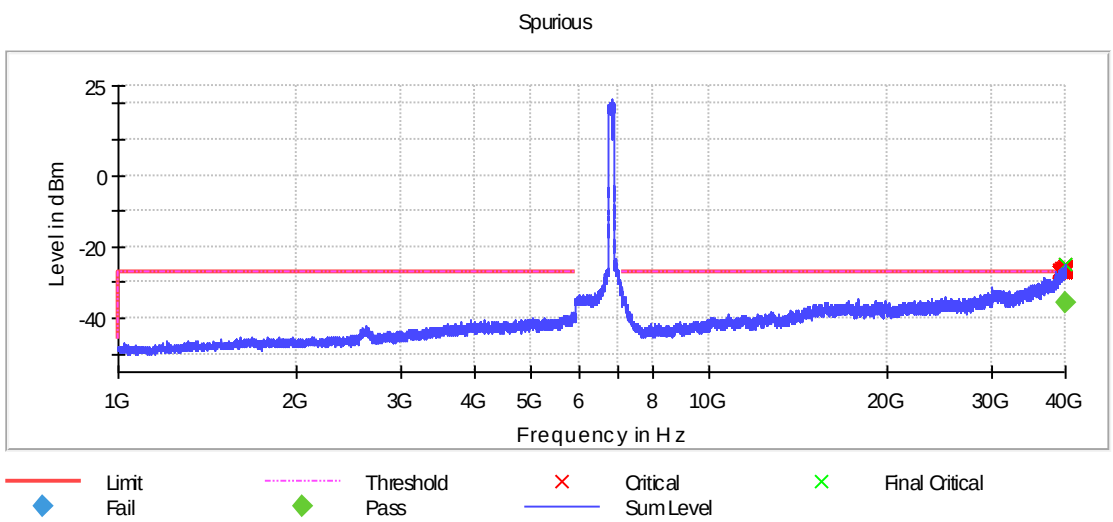
39952.250000	-25.0	-35.9	-27.0	8.9	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39952.250000	-25.0	-2.0	-27.0
39955.750000	-25.3	-1.7	-27.0
39983.750000	-25.3	-1.7	-27.0
39984.250000	-25.4	-1.6	-27.0
39979.750000	-25.4	-1.6	-27.0
39979.250000	-25.4	-1.6	-27.0
39962.750000	-25.4	-1.6	-27.0
39988.750000	-25.4	-1.6	-27.0
39994.250000	-25.5	-1.5	-27.0
39997.750000	-25.6	-1.4	-27.0
39989.750000	-25.6	-1.4	-27.0
39956.250000	-25.7	-1.3	-27.0
39946.750000	-25.7	-1.3	-27.0
39977.750000	-25.7	-1.3	-27.0
39995.750000	-25.7	-1.3	-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

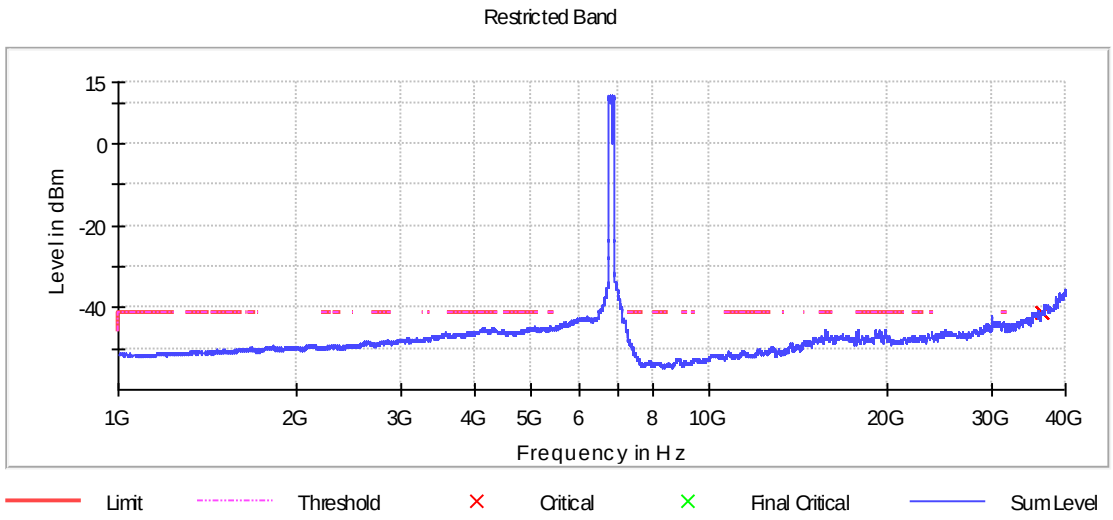
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36494.890785	-41.1	-0.1	-41.2
36492.828349	-41.1	-0.1	-41.2
36486.641042	-41.2	0.0	-41.2
36473.578951	-41.2	0.0	-41.2
36464.641730	-41.2	0.0	-41.2
36499.703134	-41.2	0.0	-41.2
36485.953564	-41.2	0.0	-41.2
36492.140871	-41.2	0.0	-41.2
36470.829037	-41.2	0.0	-41.2
36470.141558	-41.2	0.0	-41.2
36483.891128	-41.2	0.0	-41.2
36493.515828	-41.3	0.1	-41.2
36479.078779	-41.3	0.1	-41.2
36490.078435	-41.3	0.1	-41.2
36488.016000	-41.3	0.1	-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

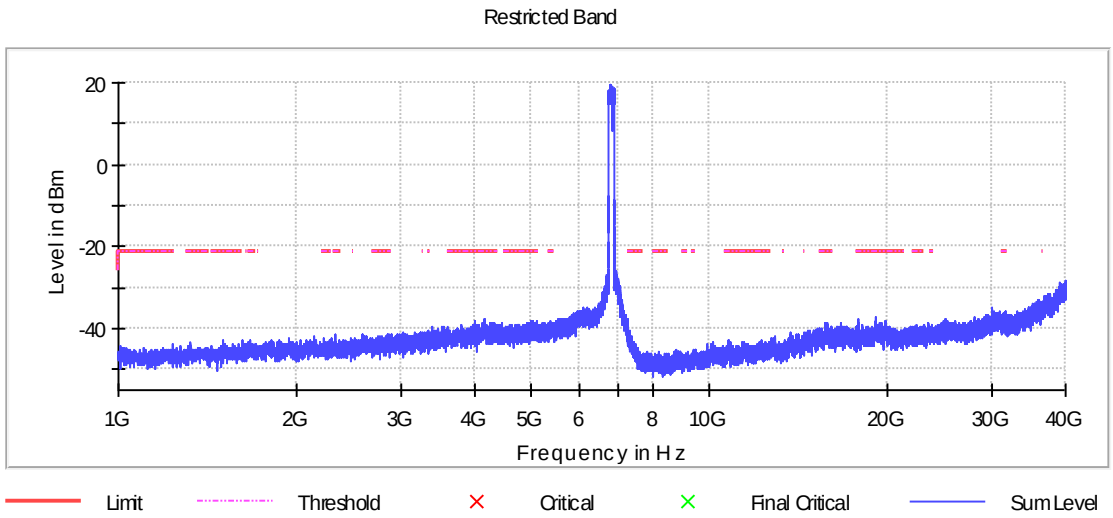
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36456.391988	-33.6	12.4	-21.2
36494.890785	-33.8	12.6	-21.2
36496.265742	-33.9	12.7	-21.2
36479.078779	-33.9	12.7	-21.2
36464.641730	-34.1	12.9	-21.2
36485.266085	-34.2	13.0	-21.2
36457.079466	-34.3	13.1	-21.2
36432.330240	-34.3	13.1	-21.2
36472.891472	-34.3	13.1	-21.2
36495.578263	-34.3	13.1	-21.2
36438.517546	-34.4	13.2	-21.2
36482.516171	-34.5	13.3	-21.2
36457.766945	-34.5	13.3	-21.2
36442.642417	-34.6	13.4	-21.2
36431.642761	-34.7	13.5	-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

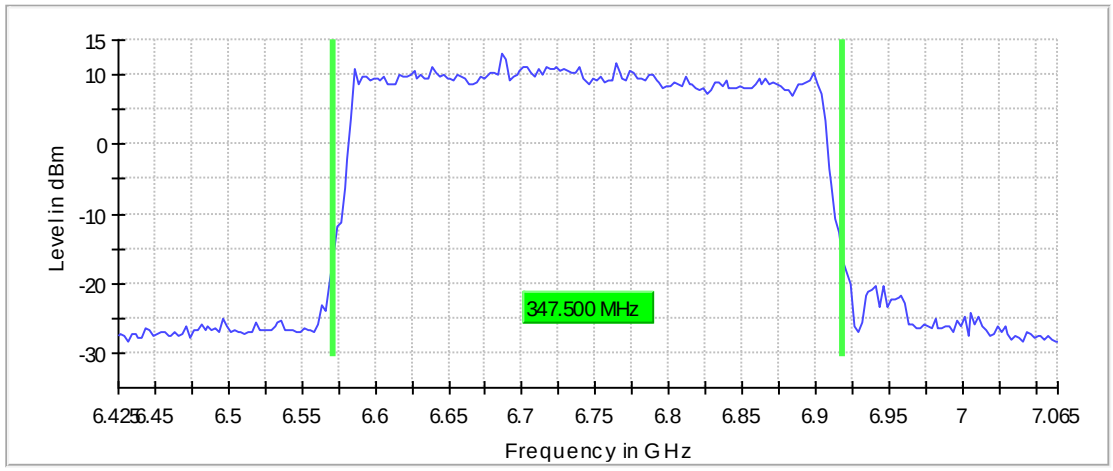


Emission Bandwidth 26 dB (6745 MHz; 24.000 dBm; 320 MHz)

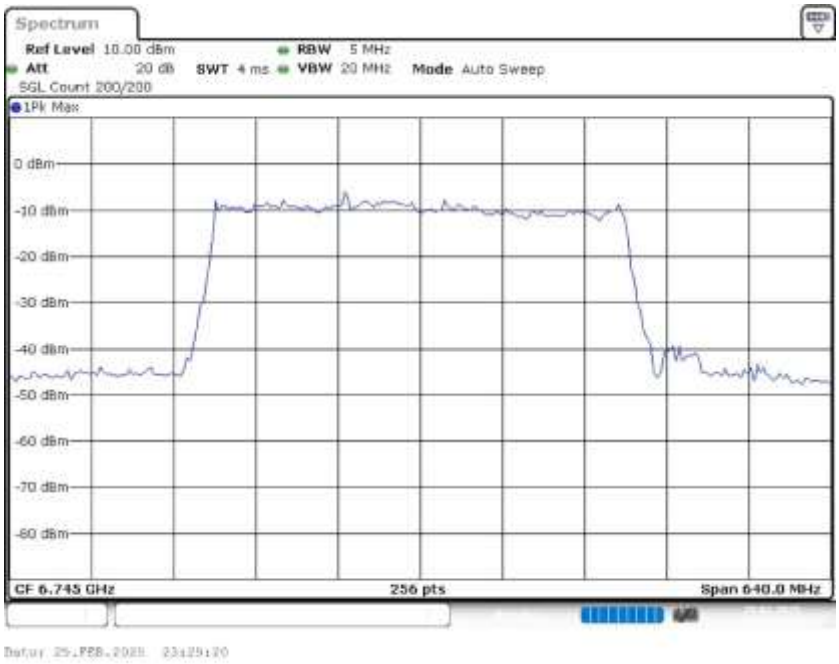
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6745.000000	347.500000	303.750000	43.750000	---	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
6745.000000	6571.250000	---	6918.750000	---	13.0	FAIL



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.42500 GHz	6.42500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	640.000 MHz	640.000 MHz
RBW	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	256	~ 256
Sweeptime	4.000 ms	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	Sweep	AUTO
Preamp	off	off

Power Spectral Density (SA-2) (6745 MHz; 24.000 dBm; 320 MHz)

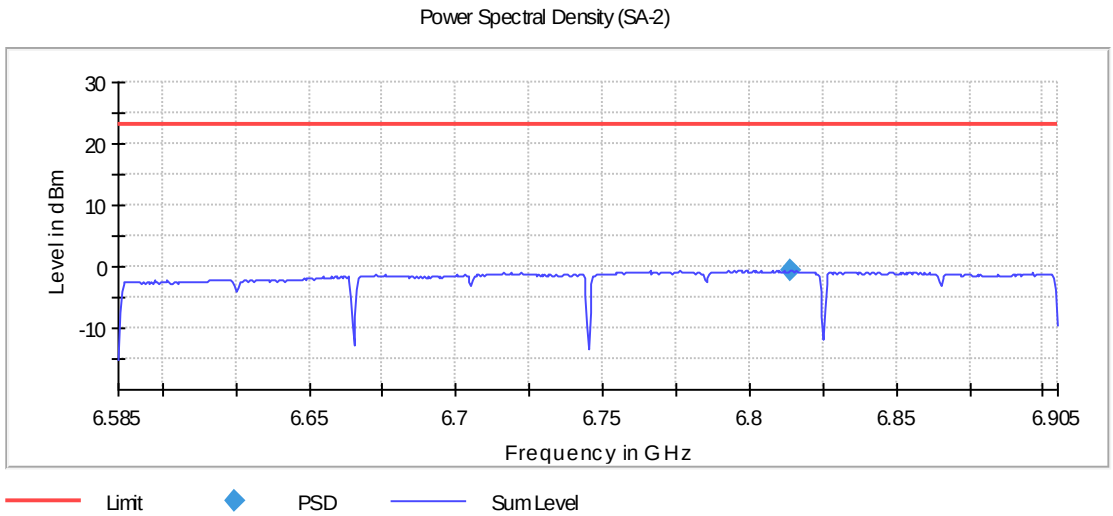
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6745.000000	6814.250000	-0.624	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used



In-Band Emissions (6745 MHz; 24.000 dBm; 320 MHz)

Result

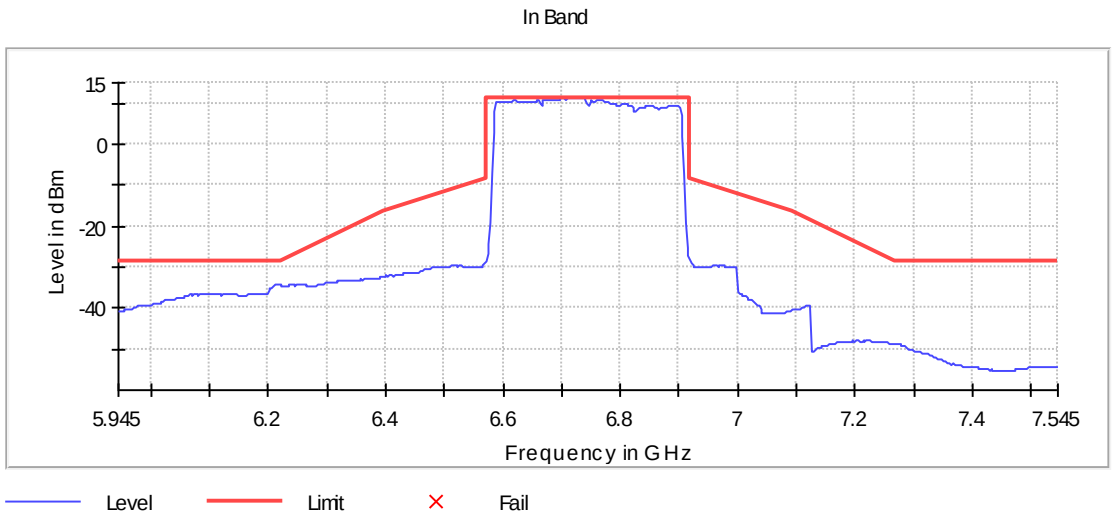
DUT Frequency (MHz)	Result
6745.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6723.750000	11.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6723.750000	11.4	0.0	11.4	PASS
6726.250000	11.4	0.0	11.4	PASS
6721.250000	11.4	0.1	11.4	PASS
6728.750000	11.3	0.1	11.4	PASS
6711.250000	11.3	0.2	11.4	PASS
6731.250000	11.3	0.2	11.4	PASS
6718.750000	11.3	0.2	11.4	PASS
6716.250000	11.2	0.2	11.4	PASS
6713.750000	11.2	0.3	11.4	PASS
6733.750000	11.2	0.3	11.4	PASS
6701.250000	11.1	0.3	11.4	PASS
6708.750000	11.1	0.3	11.4	PASS
6698.750000	11.1	0.4	11.4	PASS
6736.250000	11.1	0.4	11.4	PASS
6703.750000	11.0	0.4	11.4	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	5.94500 GHz	5.94500 GHz
Stop Frequency	7.54500 GHz	7.54500 GHz
Span	1.600 GHz	1.600 GHz
RBW	5.000 MHz	~ 5.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	640	~ 640
Sweeptime	6.400 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

Tx Spurious Emission (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6745.000000	PASS

Final measurements

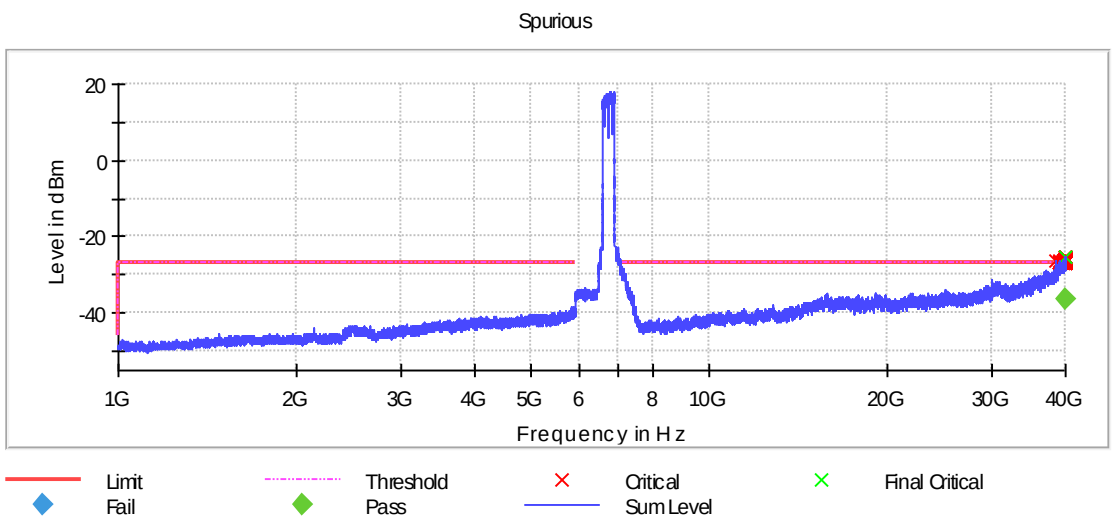
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
39931.250000	-25.2	-36.2	-27.0	9.2	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39931.250000	-25.2	-1.8	-27.0
39966.750000	-25.4	-1.6	-27.0
39984.750000	-25.4	-1.6	-27.0
39998.750000	-25.5	-1.5	-27.0
39959.750000	-25.5	-1.5	-27.0
39980.250000	-25.7	-1.3	-27.0
39985.750000	-25.7	-1.3	-27.0
39989.250000	-25.7	-1.3	-27.0
39973.250000	-25.8	-1.2	-27.0
39967.250000	-25.8	-1.2	-27.0
39998.250000	-25.8	-1.2	-27.0
39937.750000	-25.8	-1.2	-27.0
39991.750000	-25.8	-1.2	-27.0
39978.750000	-25.8	-1.2	-27.0
39939.250000	-25.8	-1.2	-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) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6745.000000	PASS

Final measurements

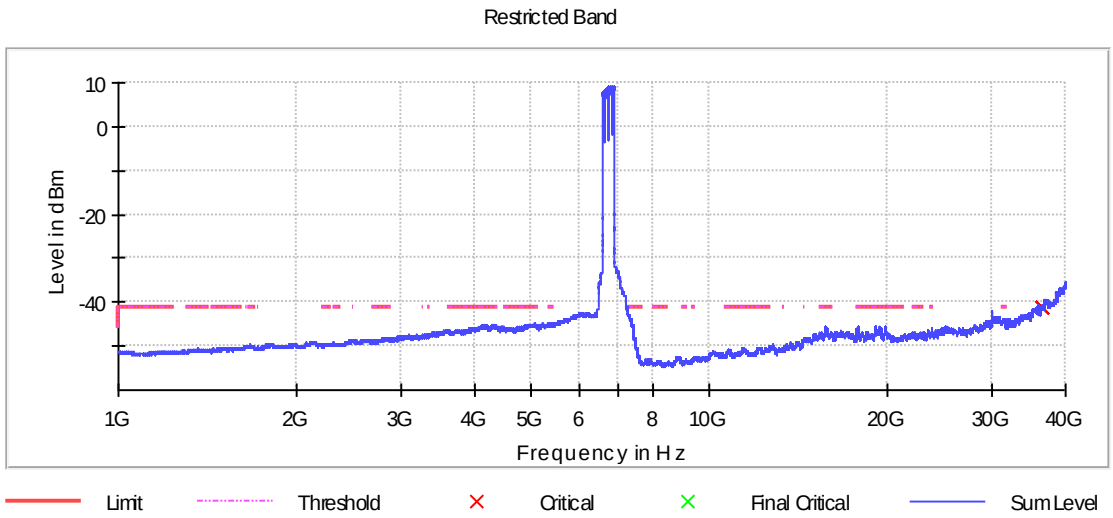
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36483.891128	-41.1	-0.1	-41.2
36493.515828	-41.1	-0.1	-41.2
36495.578263	-41.1	-0.1	-41.2
36492.140871	-41.2	0.0	-41.2
36490.078435	-41.2	0.0	-41.2
36489.390957	-41.2	0.0	-41.2
36491.453392	-41.2	0.0	-41.2
36496.953220	-41.2	0.0	-41.2
36490.765914	-41.2	0.0	-41.2
36492.828349	-41.2	0.0	-41.2
36482.516171	-41.3	0.1	-41.2
36480.453736	-41.3	0.1	-41.2
36468.079123	-41.3	0.1	-41.2
36485.266085	-41.3	0.1	-41.2
36496.265742	-41.3	0.1	-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) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6745.000000	PASS

Final measurements

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

Pre Measurements

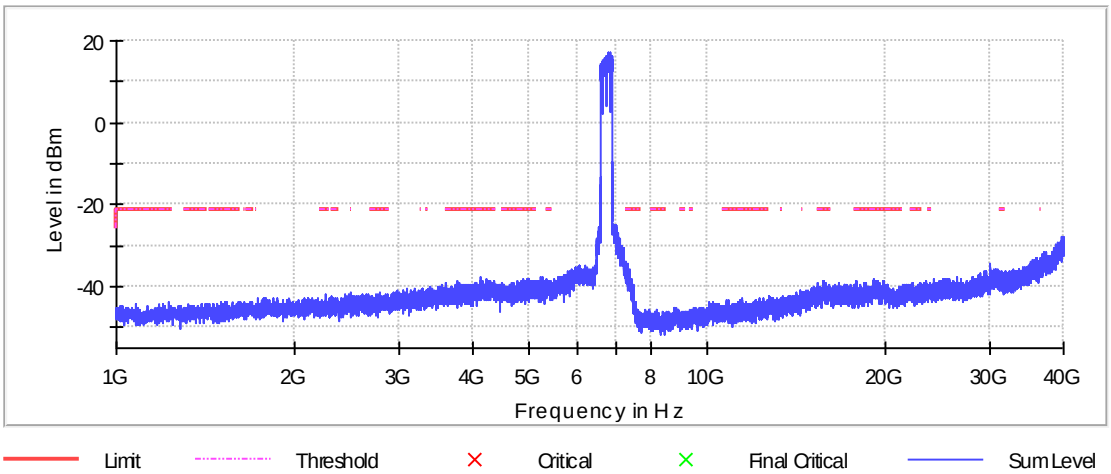
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36488.016000	-33.5	12.3	-21.2
36463.954251	-33.7	12.5	-21.2
7277.750000	-33.9	12.7	-21.2
36465.329208	-33.9	12.7	-21.2
36463.266773	-34.0	12.8	-21.2
36430.267804	-34.0	12.8	-21.2
7252.750000	-34.1	12.9	-21.2
36480.453736	-34.2	13.0	-21.2
36434.392675	-34.3	13.1	-21.2
36447.454767	-34.3	13.1	-21.2
36485.266085	-34.4	13.2	-21.2
36438.517546	-34.5	13.3	-21.2
36494.203306	-34.5	13.3	-21.2
7303.750000	-34.5	13.3	-21.2
36437.142589	-34.6	13.4	-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**

Restricted Band



Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
In-Band Emissions	6595.000	24.0	20.000000	PASS
In-Band Emissions	6715.000	24.0	20.000000	PASS
In-Band Emissions	6855.000	24.0	20.000000	PASS
In-Band Emissions	6665.000	24.0	160.000000	PASS
In-Band Emissions	6825.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6745.000	24.0	320.000000	PASS

In-Band Emissions (6595 MHz; 24.000 dBm; 20 MHz)

Result

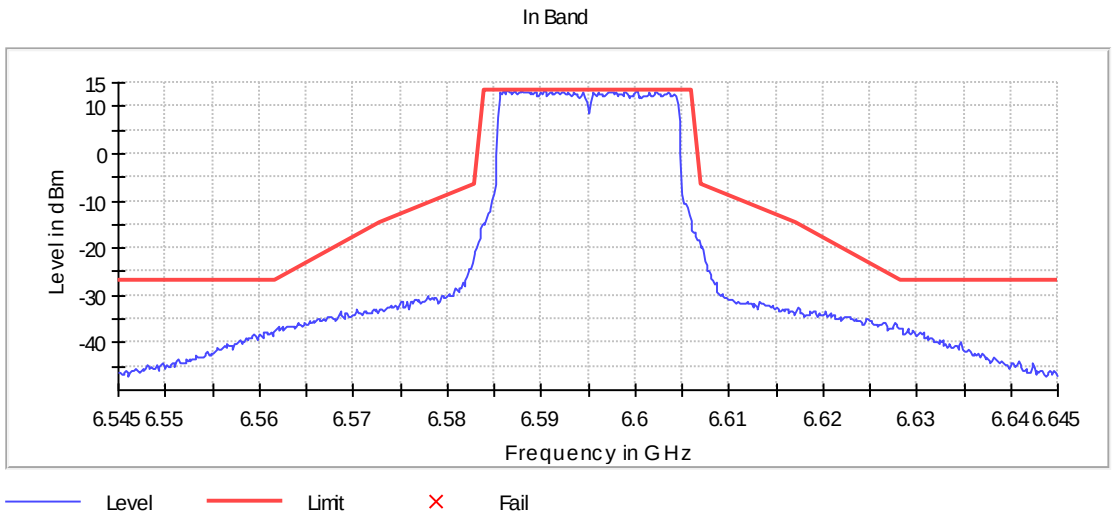
DUT Frequency (MHz)	Result
6595.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6587.953523	13.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6587.953523	13.3	0.0	13.3	PASS
6590.352324	13.3	0.0	13.3	PASS
6600.247376	13.3	0.0	13.3	PASS
6586.004498	13.3	0.0	13.3	PASS
6586.454273	13.2	0.1	13.3	PASS
6587.203898	13.2	0.1	13.3	PASS
6588.103448	13.1	0.2	13.3	PASS
6587.053973	13.1	0.2	13.3	PASS
6589.452774	13.1	0.2	13.3	PASS
6597.398801	13.1	0.2	13.3	PASS
6597.248876	13.1	0.2	13.3	PASS
6586.604198	13.0	0.3	13.3	PASS
6589.302849	13.0	0.3	13.3	PASS
6586.304348	13.0	0.3	13.3	PASS
6586.754123	13.0	0.3	13.3	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.54500 GHz	6.54500 GHz
Stop Frequency	6.64500 GHz	6.64500 GHz
Span	100.000 MHz	100.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	667	~ 667
Sweeptime	1.100 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

In-Band Emissions (6715 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
6715.000000	PASS

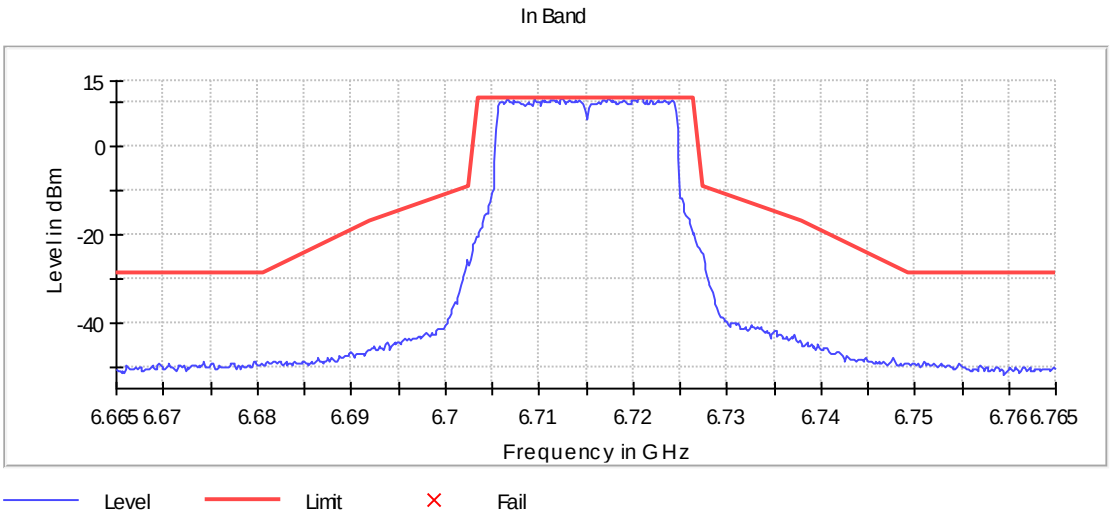
Inband Peak

Frequency (MHz)	Level (dBm)
6720.997001	11.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6720.697151	11.1	0.1	11.1	PASS
6720.847076	11.1	0.1	11.1	PASS
6717.398801	11.0	0.2	11.1	PASS
6709.452774	10.9	0.2	11.1	PASS

6706.604198	10.9	0.2	11.1	PASS
6712.451274	10.9	0.3	11.1	PASS
6713.950525	10.8	0.3	11.1	PASS
6724.145427	10.7	0.4	11.1	PASS
6709.602699	10.7	0.4	11.1	PASS
6711.251874	10.7	0.5	11.1	PASS
6716.949025	10.7	0.5	11.1	PASS
6720.547226	10.7	0.5	11.1	PASS
6723.395802	10.6	0.5	11.1	PASS
6712.301349	10.6	0.5	11.1	PASS
6716.799100	10.6	0.5	11.1	PASS



In-Band Emissions (6855 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
6855.000000	PASS

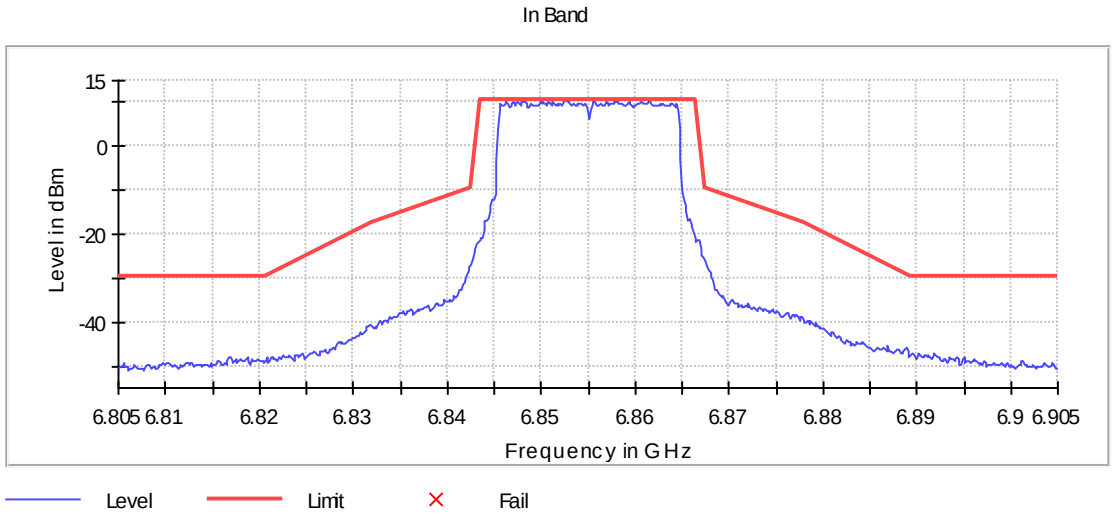
Inband Peak

Frequency (MHz)	Level (dBm)
6861.596702	10.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6852.901049	10.5	0.1	10.5	PASS
6852.601199	10.4	0.1	10.5	PASS
6849.902549	10.4	0.1	10.5	PASS
6850.802099	10.4	0.2	10.5	PASS
6852.751124	10.3	0.2	10.5	PASS
6861.446777	10.3	0.2	10.5	PASS
6848.253373	10.3	0.3	10.5	PASS
6855.749625	10.2	0.3	10.5	PASS
6855.599700	10.2	0.3	10.5	PASS
6848.103448	10.2	0.4	10.5	PASS

6852.451274	10.1	0.4	10.5	PASS
6858.148426	10.1	0.4	10.5	PASS
6857.848576	10.1	0.4	10.5	PASS
6850.202399	10.1	0.4	10.5	PASS
6860.697151	10.1	0.5	10.5	PASS



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

Result

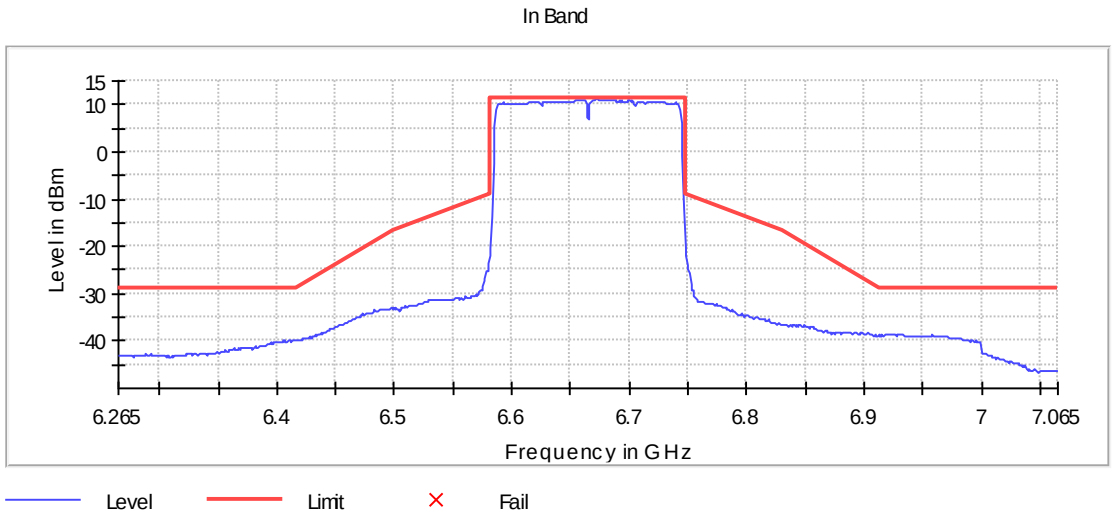
DUT Frequency (MHz)	Result
6665.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6672.500000	11.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6678.500000	11.1	0.0	11.1	PASS
6657.500000	11.1	0.1	11.1	PASS
6662.500000	11.1	0.1	11.1	PASS
6660.500000	11.0	0.1	11.1	PASS
6669.500000	11.0	0.1	11.1	PASS
6661.500000	11.0	0.1	11.1	PASS
6676.500000	11.0	0.1	11.1	PASS
6668.500000	11.0	0.1	11.1	PASS
6679.500000	11.0	0.1	11.1	PASS
6659.500000	11.0	0.1	11.1	PASS
6684.500000	11.0	0.1	11.1	PASS
6685.500000	11.0	0.1	11.1	PASS
6658.500000	11.0	0.1	11.1	PASS
6682.500000	11.0	0.1	11.1	PASS
6671.500000	11.0	0.2	11.1	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.26500 GHz	6.26500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	800.000 MHz	800.000 MHz
RBW	2.000 MHz	~ 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	800	~ 800
Sweeptime	4.000 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

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

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

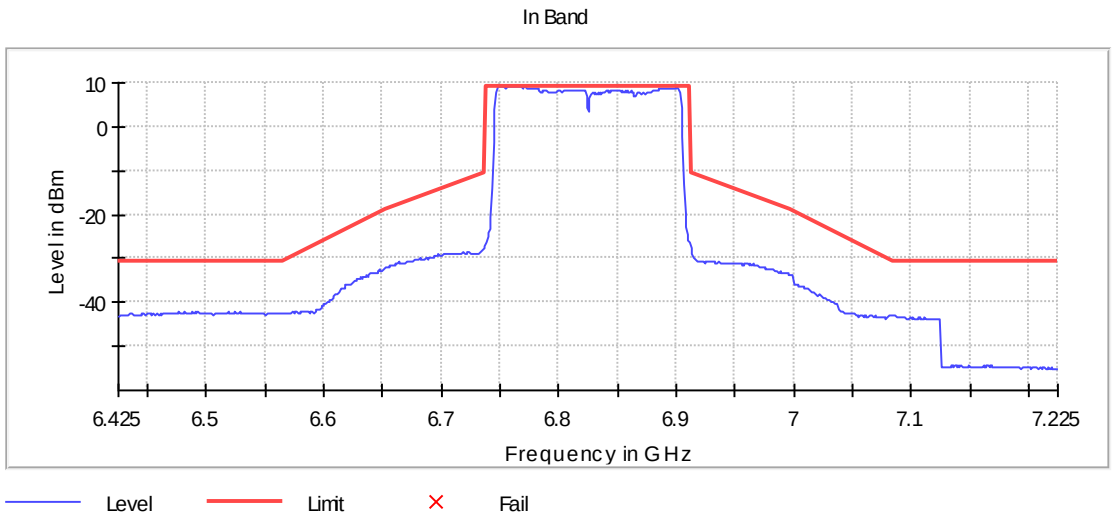
Inband Peak

Frequency (MHz)	Level (dBm)
6748.500000	9.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6749.500000	9.2	0.1	9.3	PASS
6752.500000	9.2	0.1	9.3	PASS
6750.500000	9.2	0.1	9.3	PASS

6747.500000	9.2	0.1	9.3	PASS
6767.500000	9.1	0.2	9.3	PASS
6751.500000	9.1	0.2	9.3	PASS
6761.500000	9.1	0.2	9.3	PASS
6763.500000	9.1	0.2	9.3	PASS
6760.500000	9.1	0.2	9.3	PASS
6753.500000	9.1	0.2	9.3	PASS
6757.500000	9.0	0.3	9.3	PASS
6762.500000	9.0	0.3	9.3	PASS
6765.500000	9.0	0.3	9.3	PASS
6770.500000	9.0	0.3	9.3	PASS
6768.500000	9.0	0.3	9.3	PASS



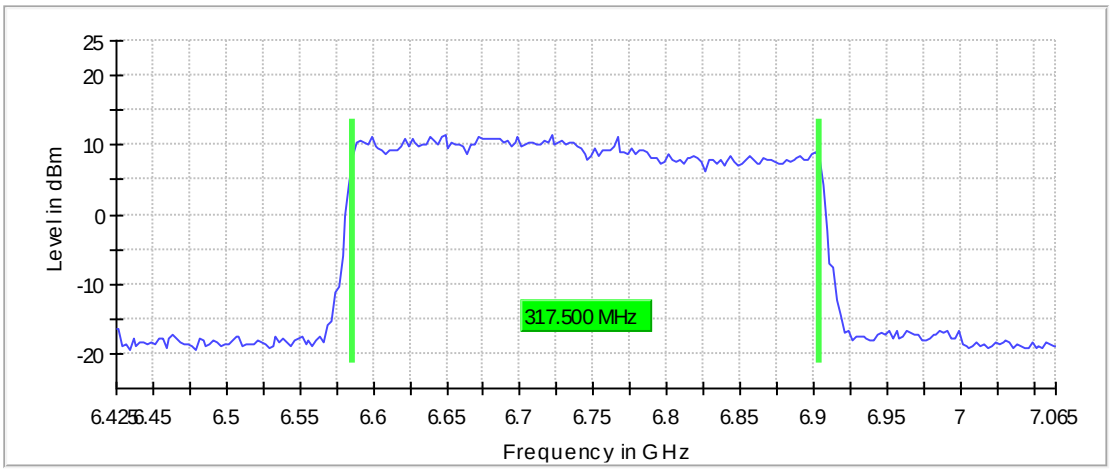
Occupied Channel Bandwidth 99% (6745 MHz; 24.000 dBm; 320 MHz)

99 % Bandwidth

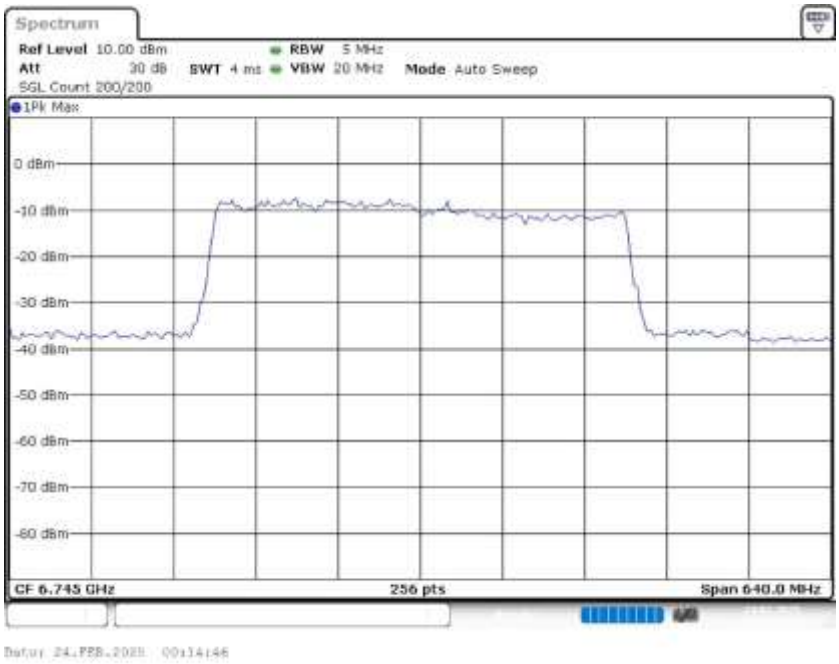
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6745.000000	317.500000	288.750000	28.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6745.000000	6586.250000	5925.000000	6903.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.42500 GHz	6.42500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	640.000 MHz	640.000 MHz
RBW	5.000 MHz	>= 4.571 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	256	~ 256
Sweeptime	4.000 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**

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6715.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)(2)	6715.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6725.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)(2)	6725.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6705.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)(2)	6705.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6665.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)(2)	6665.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6745.000	24.0	320.000000	PASS
Power Spectral Density (SA-2)(2)	6745.000	24.0	320.000000	PASS

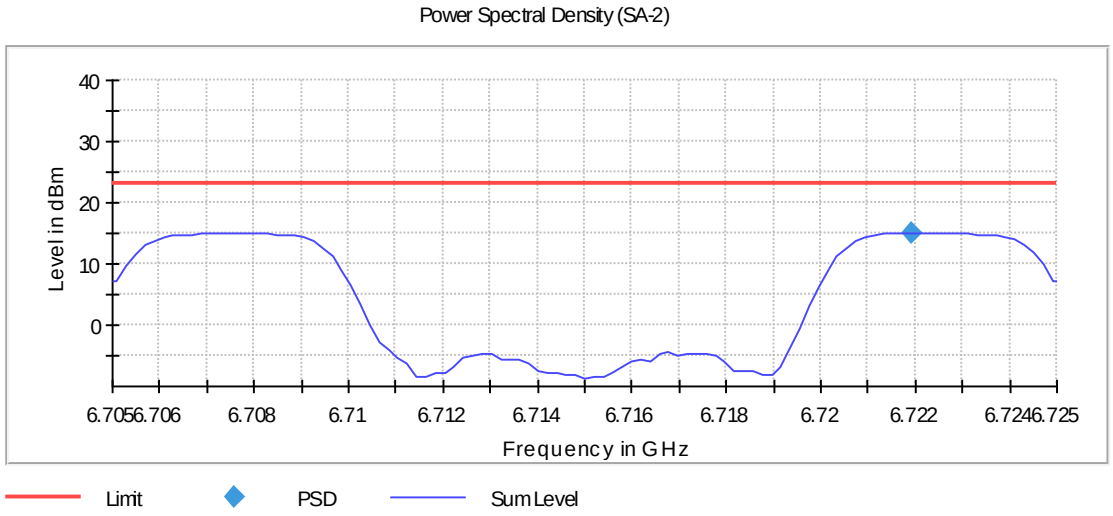
Power Spectral Density (SA-2) (6715 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6715.000000	6721.930693	14.989	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



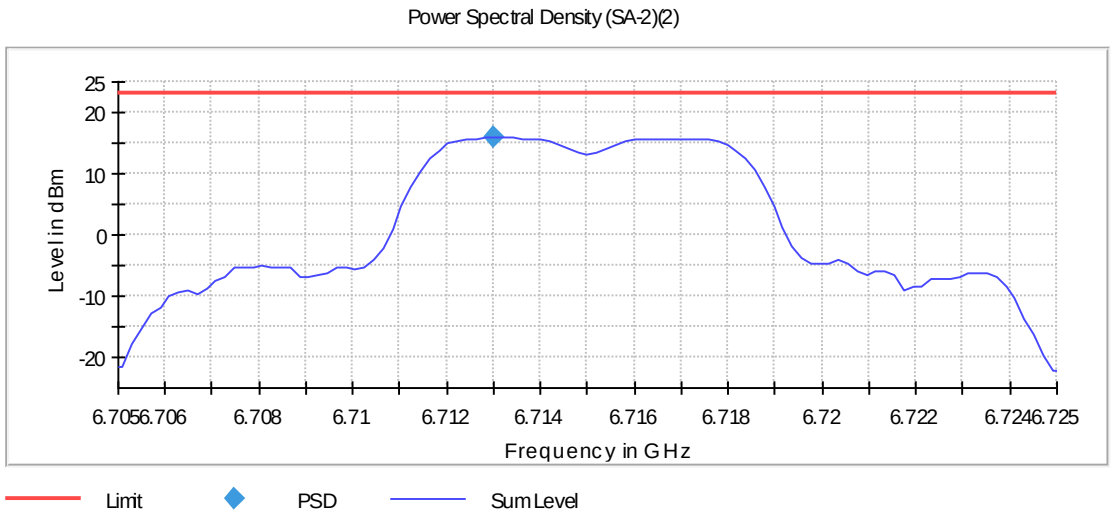
Power Spectral Density (SA-2)(2) (6715 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6715.000000	6713.019802	15.853	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



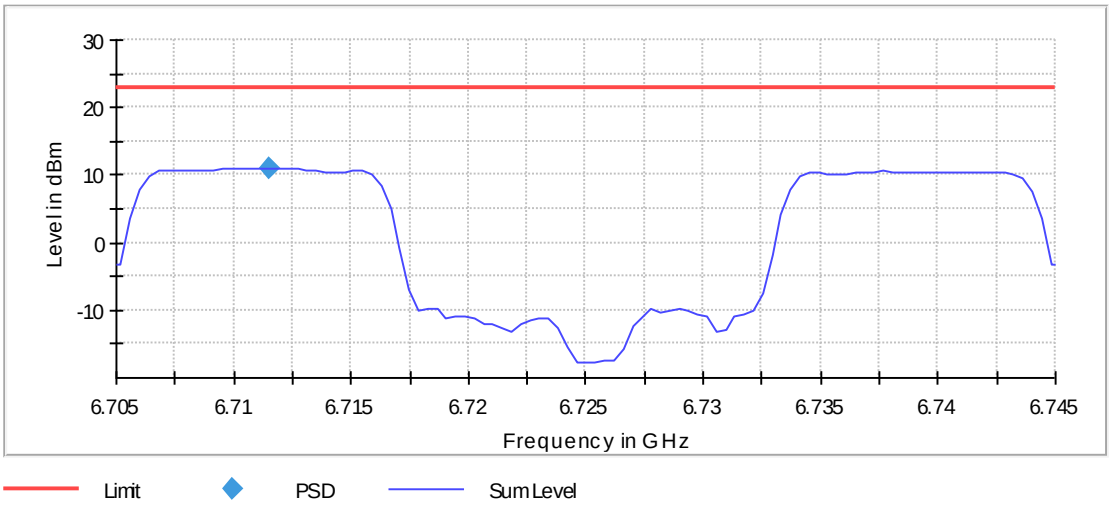
Power Spectral Density (SA-2) (6725 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6725.000000	6711.534653	10.908	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



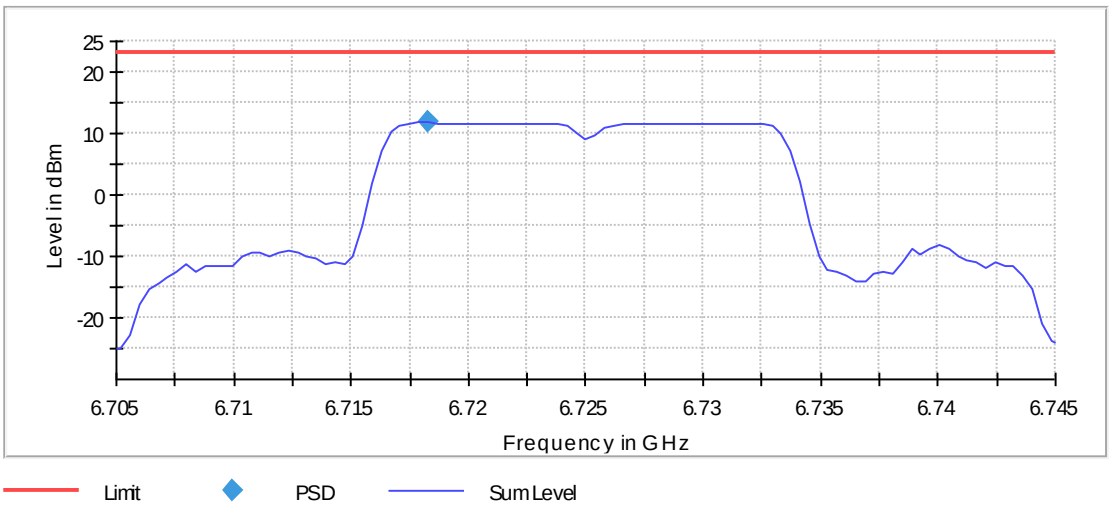
Power Spectral Density (SA-2)(2) (6725 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6725.000000	6718.267327	11.740	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



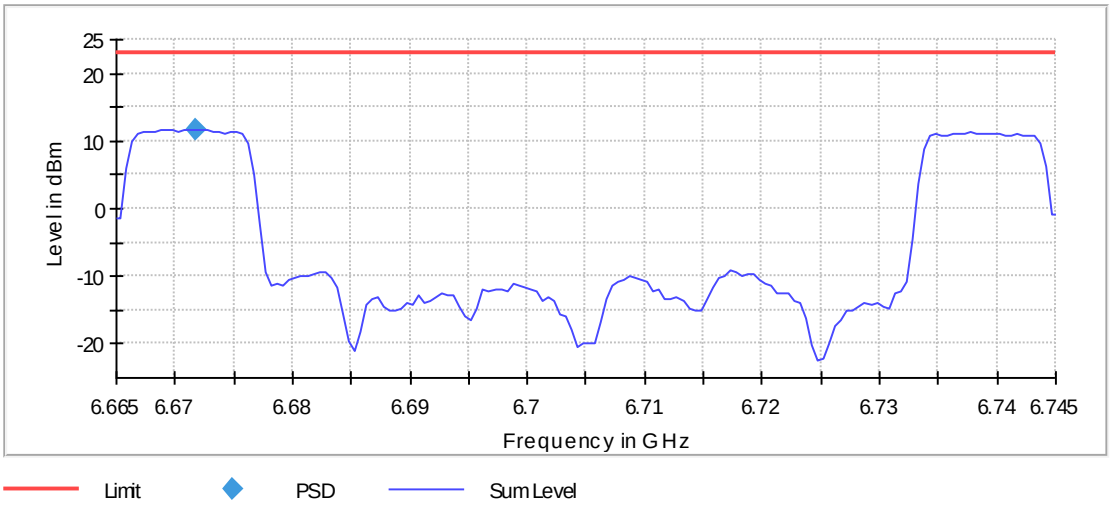
Power Spectral Density (SA-2) (6705 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6671.750000	11.619	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



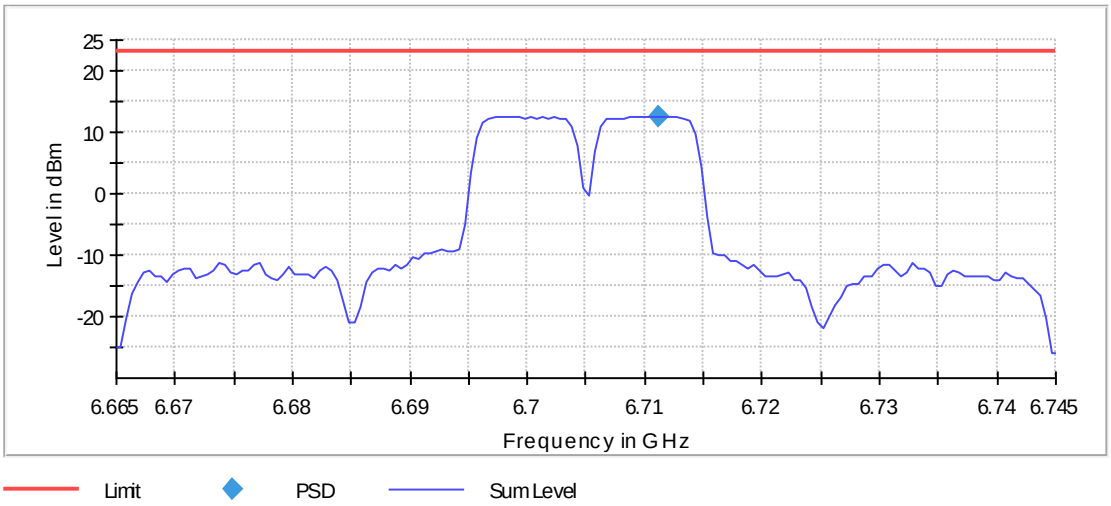
Power Spectral Density (SA-2)(2) (6705 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6711.250000	12.589	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



Power Spectral Density (SA-2) (6665 MHz; 24.000 dBm; 160 MHz)

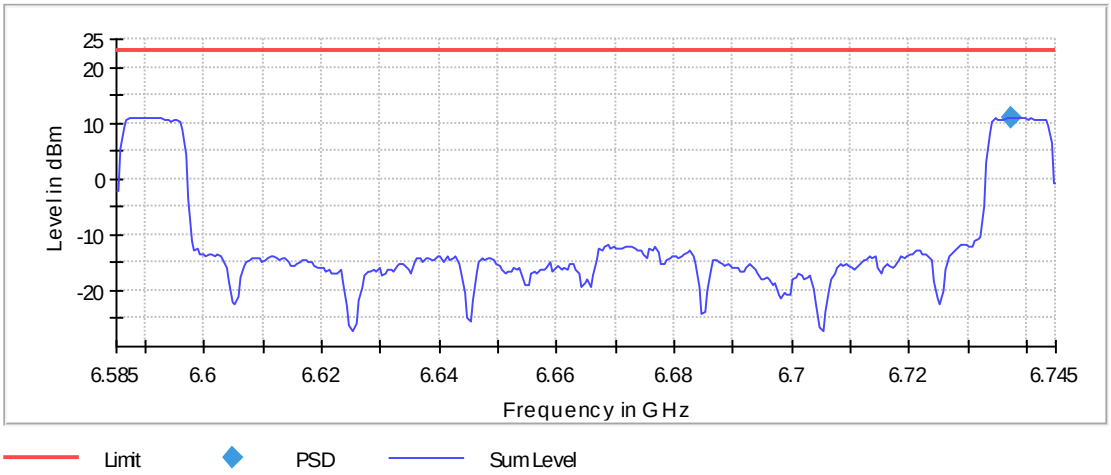
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6737.250000	11.023	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used

Power Spectral Density (SA-2)



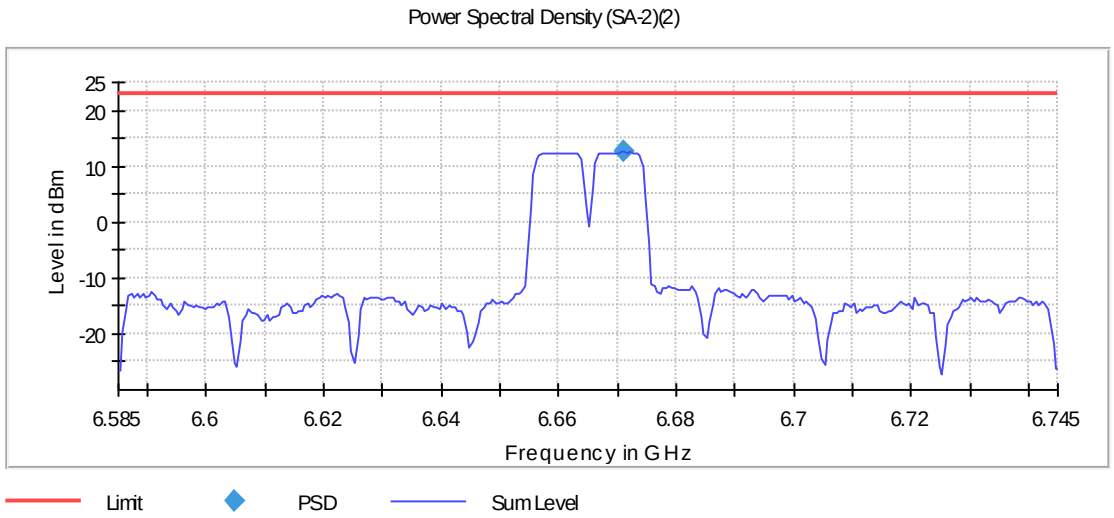
Power Spectral Density (SA-2)(2) (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6671.250000	12.524	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



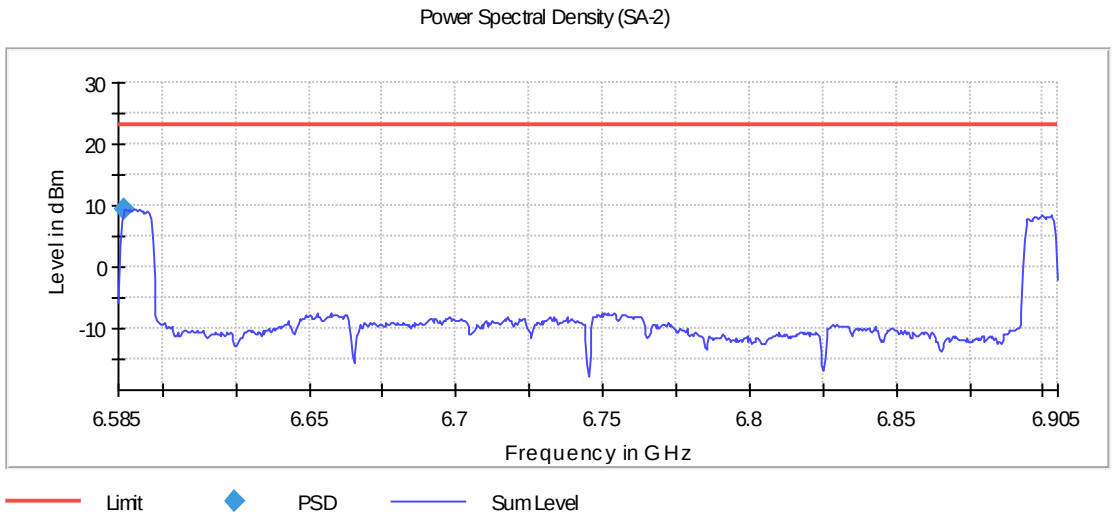
Power Spectral Density (SA-2) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6745.000000	6587.250000	9.475	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



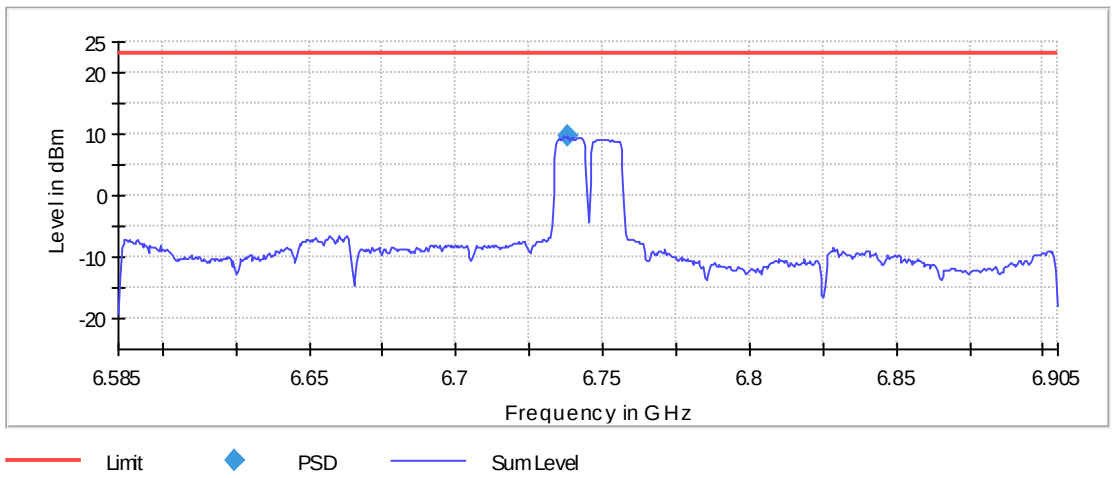
Power Spectral Density (SA-2)(2) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6745.000000	6737.750000	9.607	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



1.1.2 High Gain Mode

Summary

Test	Frequency (MHz)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6595.000	20.000000	PASS
RF output power	6595.000	20.000000	PASS
Power Spectral Density (SA-2)	6595.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6595.000	20.000000	PASS
Frequency Stability	6595.000	20.000000	PASS
Emission Bandwidth 26 dB	6715.000	20.000000	PASS
Power Spectral Density (SA-2)	6715.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6715.000	20.000000	PASS
Emission Bandwidth 26 dB	6855.000	20.000000	PASS
Power Spectral Density (SA-2)	6855.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6855.000	20.000000	PASS
Emission Bandwidth 26 dB	6605.000	40.000000	PASS
Power Spectral Density (SA-2)	6605.000	40.000000	PASS
In-Band Emissions	6605.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6605.000	40.000000	PASS
Emission Bandwidth 26 dB	6725.000	40.000000	PASS
Power Spectral Density (SA-2)	6725.000	40.000000	PASS
In-Band Emissions	6725.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6725.000	40.000000	PASS
Emission Bandwidth 26 dB	6845.000	40.000000	PASS
Power Spectral Density (SA-2)	6845.000	40.000000	PASS
In-Band Emissions	6845.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6845.000	40.000000	PASS
Emission Bandwidth 26 dB	6625.000	80.000000	PASS
Power Spectral Density (SA-2)	6625.000	80.000000	PASS
In-Band Emissions	6625.000	80.000000	PASS
Occupied Channel Bandwidth 99%	6625.000	80.000000	PASS
Emission Bandwidth 26 dB	6705.000	80.000000	PASS
Power Spectral Density (SA-2)	6705.000	80.000000	PASS
In-Band Emissions	6705.000	80.000000	PASS
Occupied Channel Bandwidth 99%	6705.000	80.000000	PASS
Emission Bandwidth 26 dB	6865.000	80.000000	PASS
Power Spectral Density (SA-2)	6865.000	80.000000	PASS
In-Band Emissions	6865.000	80.000000	PASS
Occupied Channel Bandwidth 99%	6865.000	80.000000	PASS
Emission Bandwidth 26 dB	6665.000	160.000000	PASS
Power Spectral Density (SA-2)	6665.000	160.000000	PASS
Occupied Channel Bandwidth 99%	6665.000	160.000000	PASS
Tx Spurious Emission	6665.000	160.000000	PASS
Emissions in restricted frequency bands (Average)	6665.000	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6665.000	160.000000	PASS

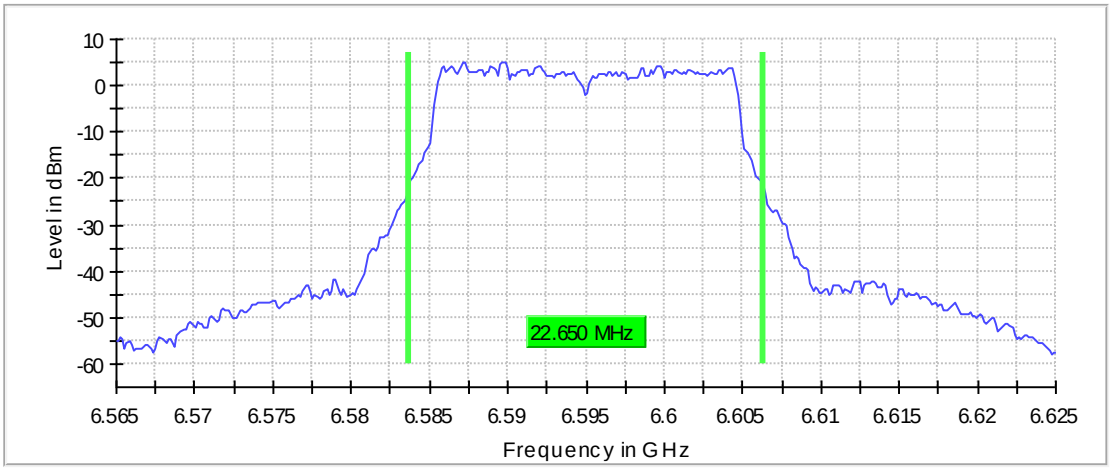
Emission Bandwidth 26 dB (6595 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

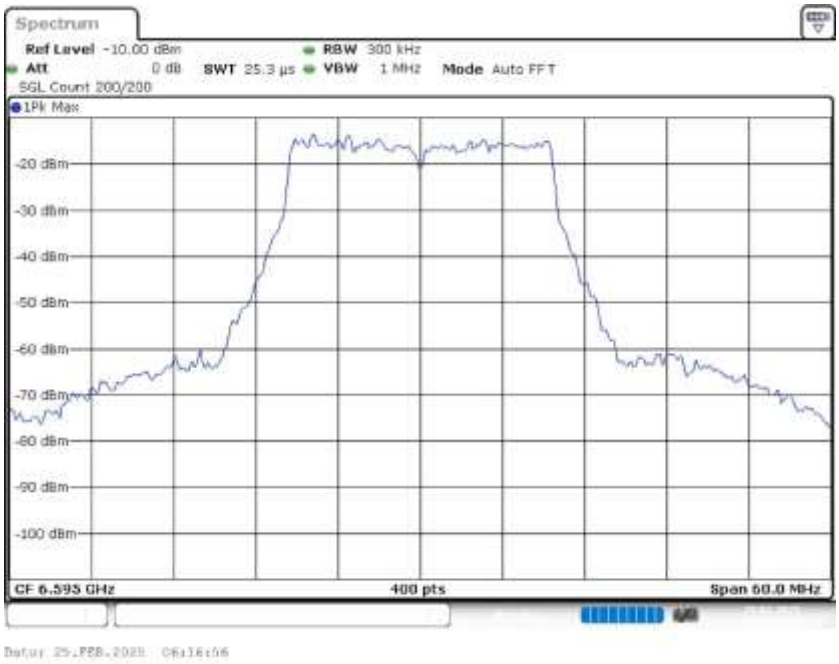
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6595.000000	22.650000	---	320.000000	6583.675000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6595.000000	6606.325000	---	5.2	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.56500 GHz	6.56500 GHz
Stop Frequency	6.62500 GHz	6.62500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
Sweeptime	25.313 µs	AUTO
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 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 (6595 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6595.000000	20.6	24.0	20.6	99.723	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

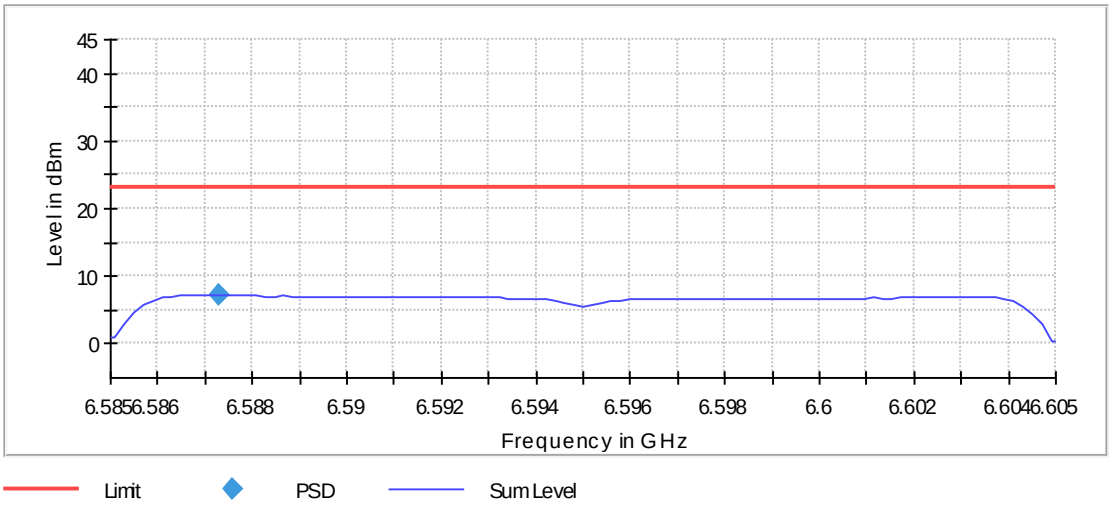
Power Spectral Density (SA-2) (6595 MHz; 24.000 dBm; 20 MHz)

Result

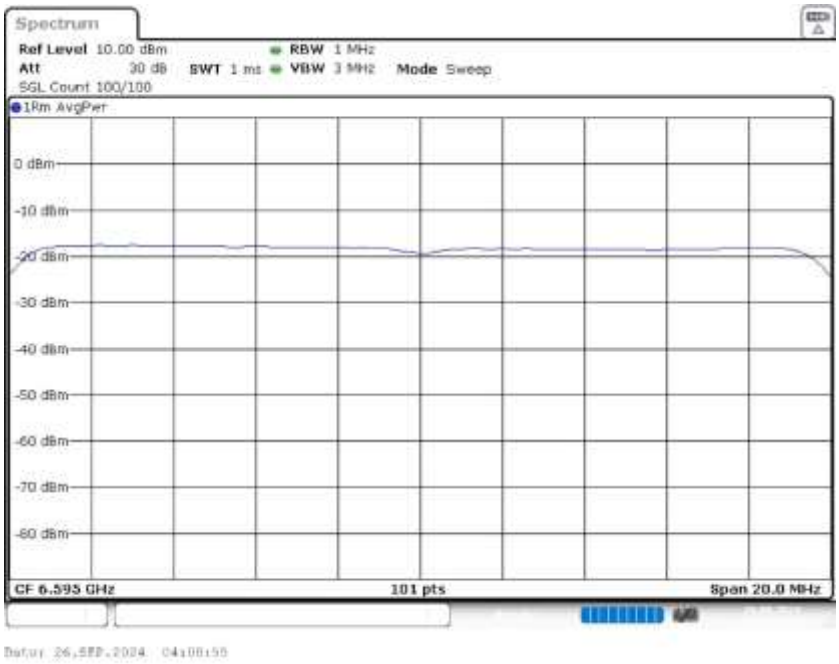
DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6595.000000	6587.277228	7.152	23.0	PASS

Ports

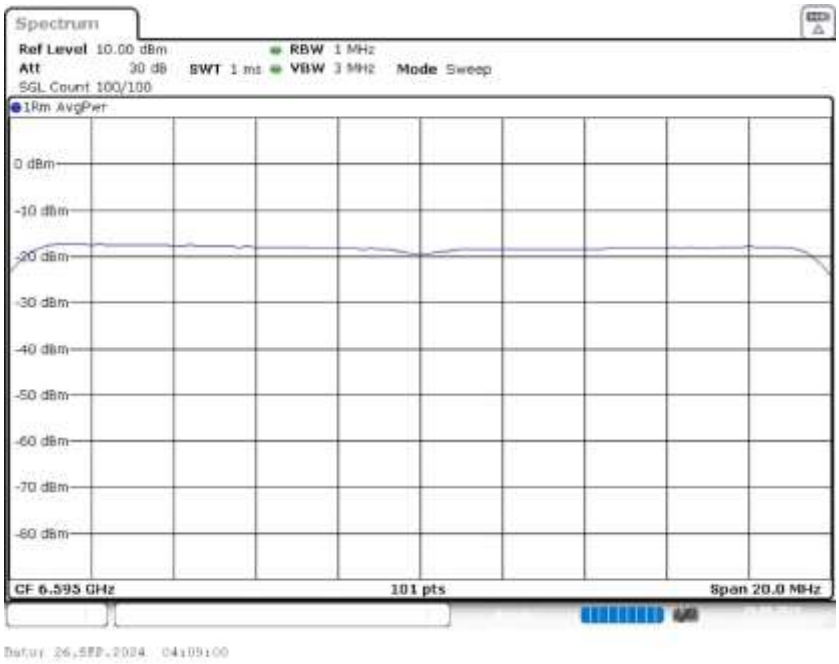
Port	State
1	used
2	used
3	used
4	used



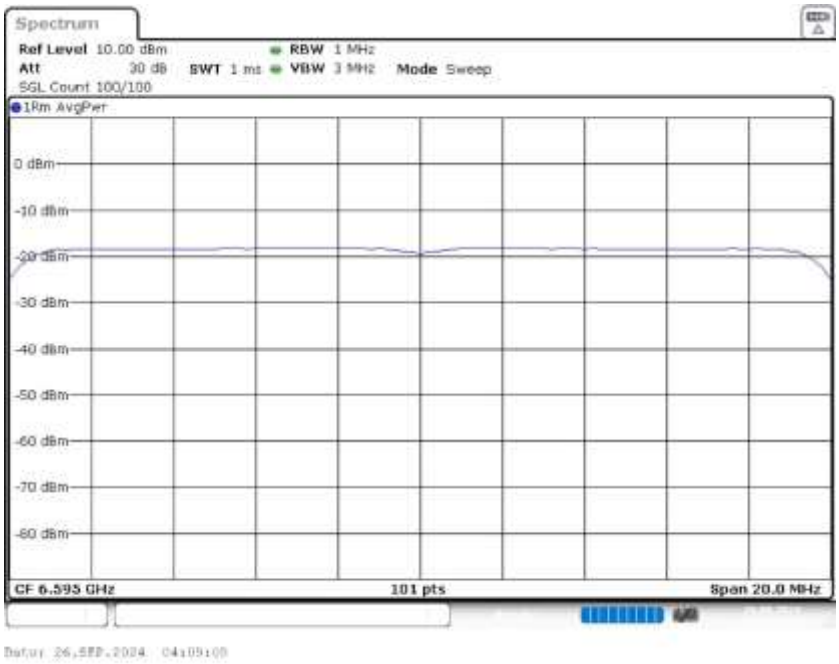
PSD Connector 1



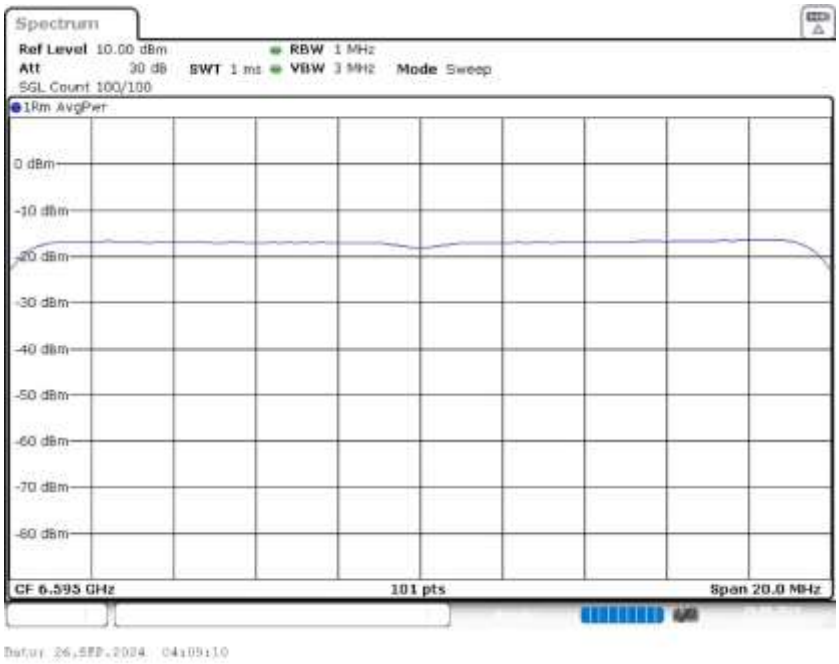
PSD Connector 2



PSD Connector 3



PSD Connector 4



Measurement

Setting	Instrument Value	Target Value
Start Frequency	**6.58500 GHz**	**6.58500 GHz**
Stop Frequency	**6.60500 GHz**	**6.60500 GHz**
Span	**20.000 MHz**	**20.000 MHz**
RBW	**1.000 MHz**	**<= 1.000 MHz**

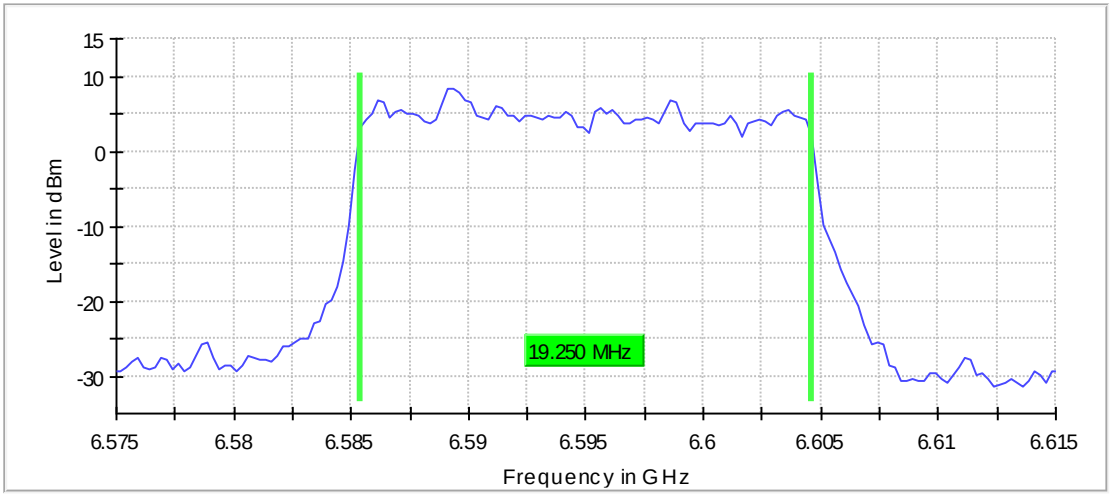
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	2 / max. 15	max. 15
Stable	1 / 1	1
Max Stable Difference	0.00 dB	0.50 dB

Occupied Channel Bandwidth 99% (6595 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)
6595.000000	19.250000	---	320.000000	6585.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6595.000000	6604.625000	7125.000000	PASS



Bandwidth

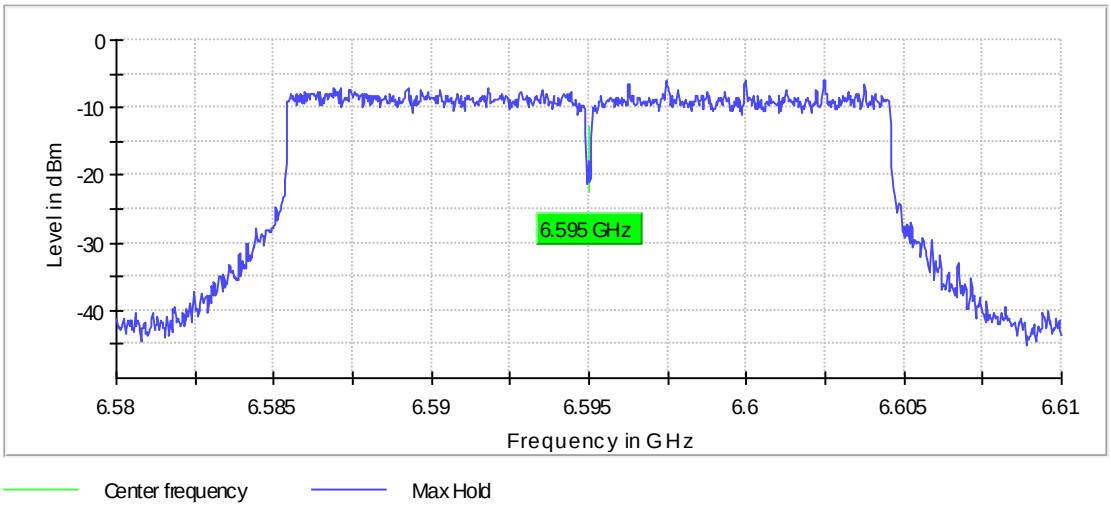
Measurement

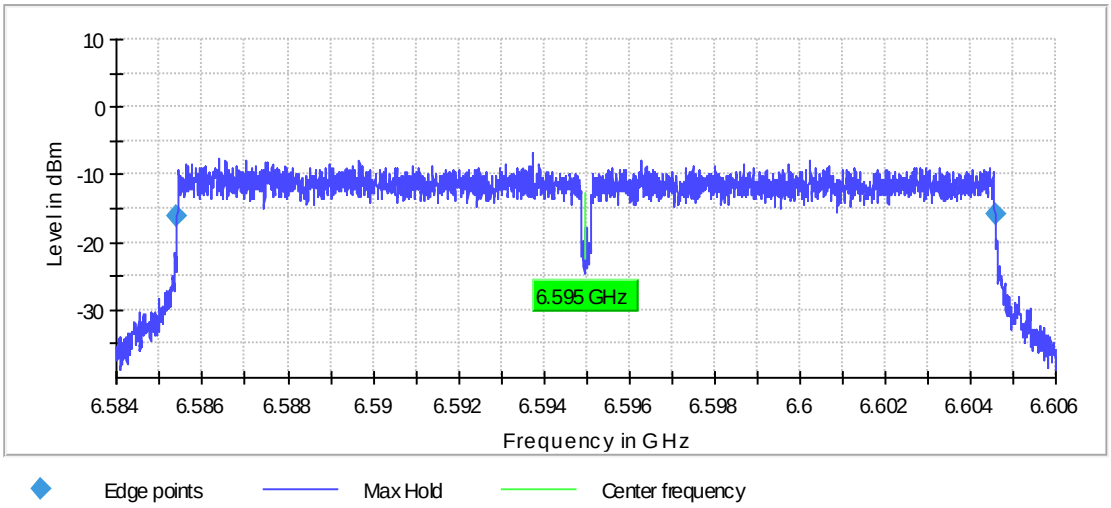
Setting	Instrument Value	Target Value
Start Frequency	6.57500 GHz	6.57500 GHz
Stop Frequency	6.61500 GHz	6.61500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweeptime	11.344 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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

Frequency Stability (6595 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6595.000000	6594.985015	2.272	-14.985000	---	---	PASS





Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.58399 GHz	6.58399 GHz
Stop Frequency	6.60599 GHz	6.60599 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	10.000 dBm	10.000 dBm
Attenuation	30.000 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

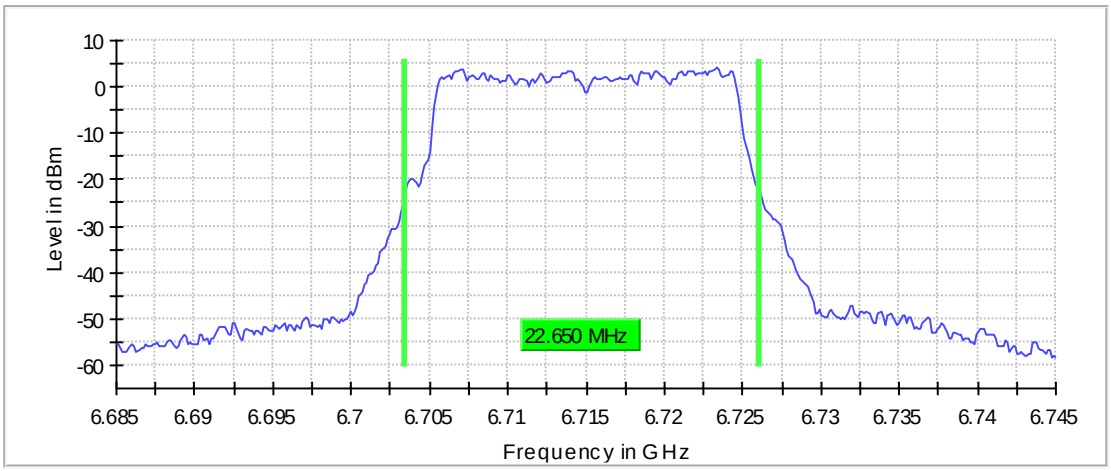
Emission Bandwidth 26 dB (6715 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

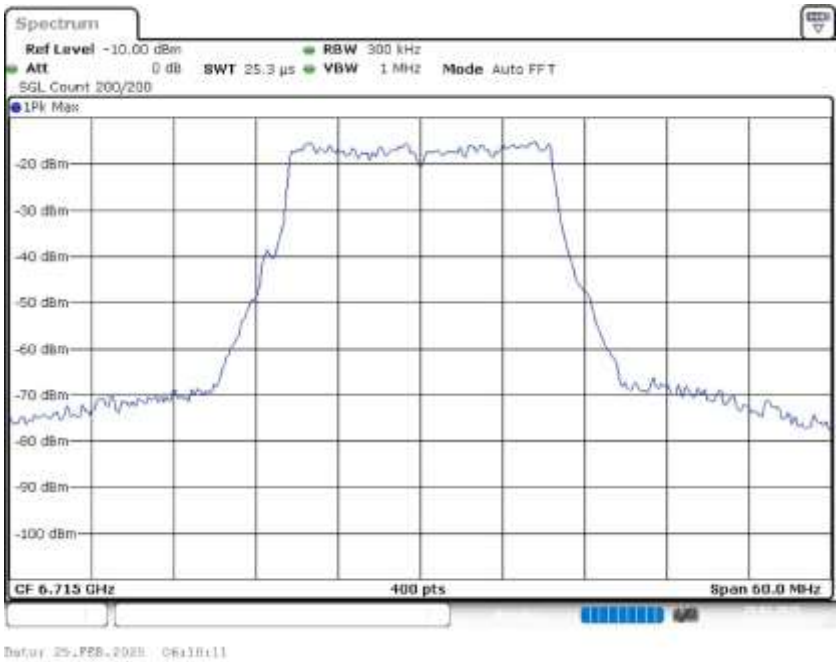
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6715.000000	22.650000	---	320.000000	6703.375000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6715.000000	6726.025000	---	4.1	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.68500 GHz	6.68500 GHz
Stop Frequency	6.74500 GHz	6.74500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
Sweeptime	25.313 µs	AUTO
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 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

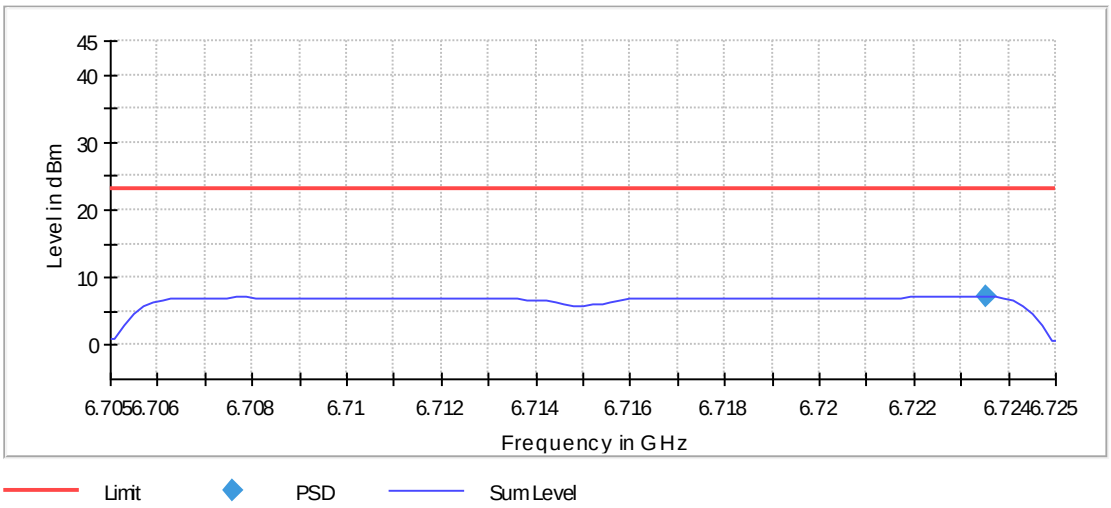
Power Spectral Density (SA-2) (6715 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6715.000000	6723.514851	7.185	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used

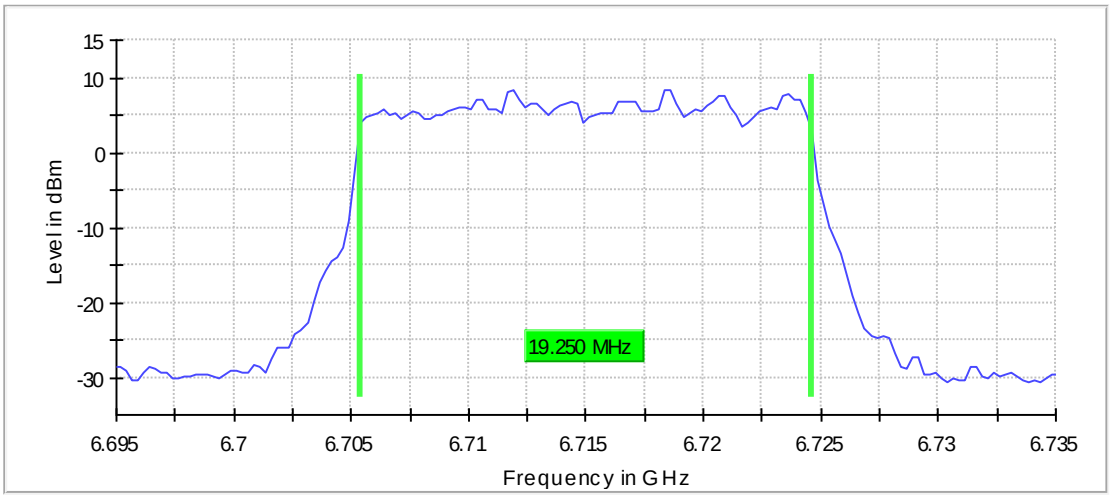


Occupied Channel Bandwidth 99% (6715 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6715.000000	19.250000	---	320.000000	6705.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6715.000000	6724.625000	7125.000000	PASS



Bandwidth

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.69500 GHz	6.69500 GHz
Stop Frequency	6.73500 GHz	6.73500 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	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

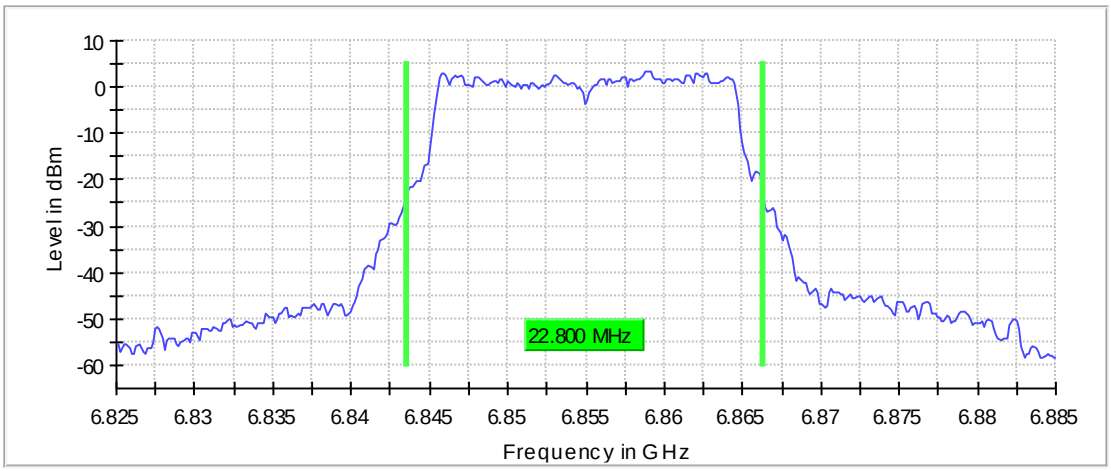
Emission Bandwidth 26 dB (6855 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

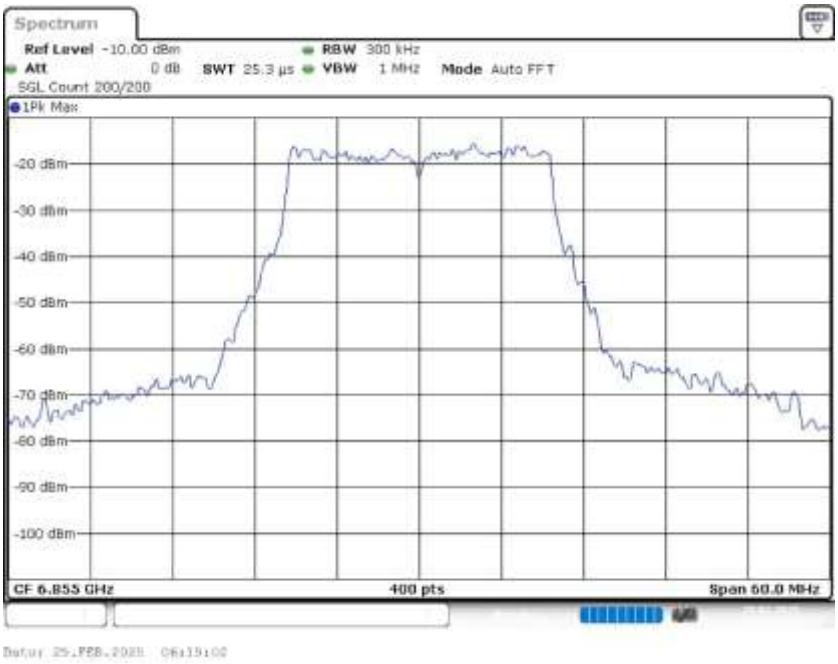
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6855.000000	22.800000	---	320.000000	6843.525000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6855.000000	6866.325000	---	3.5	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.82500 GHz	6.82500 GHz
Stop Frequency	6.88500 GHz	6.88500 GHz
Span	60.000 MHz	60.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	400	~ 400
Sweeptime	25.313 µs	AUTO
Reference Level	-10.000 dBm	AUTO

Attenuation	0.000 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

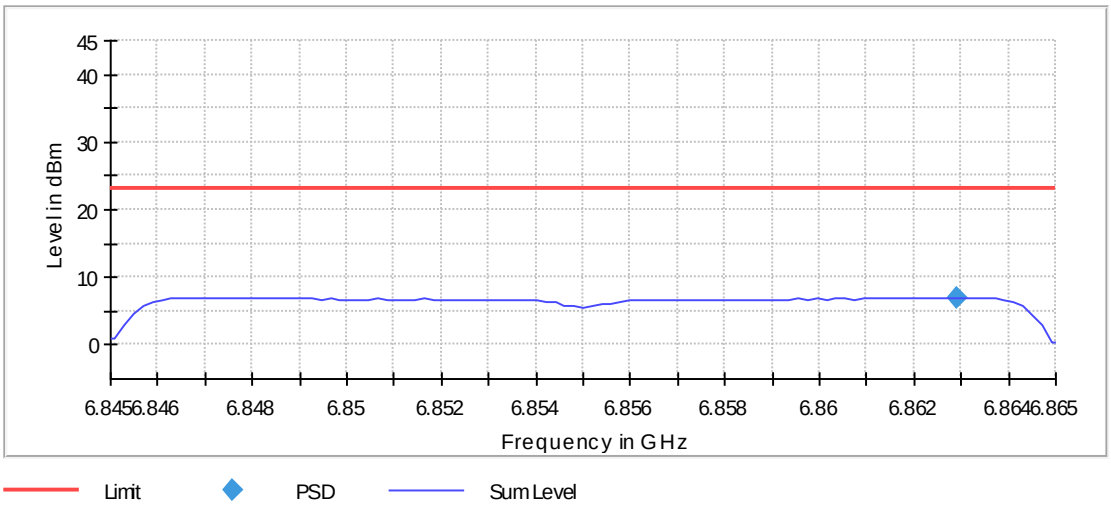
Power Spectral Density (SA-2) (6855 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6855.000000	6862.920792	6.999	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used

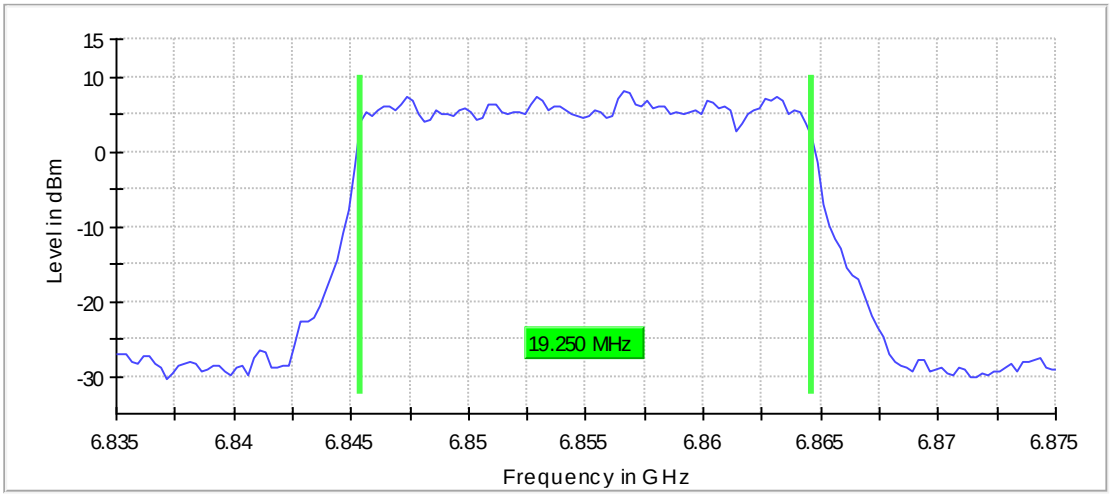


Occupied Channel Bandwidth 99% (6855 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6855.000000	19.250000	---	320.000000	6845.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6855.000000	6864.625000	7125.000000	PASS



Bandwidth

Measurement

Setting	Instrument Value	Target Value
Start Frequency	**6.83500 GHz**	**6.83500 GHz**
Stop Frequency	**6.87500 GHz**	**6.87500 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	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

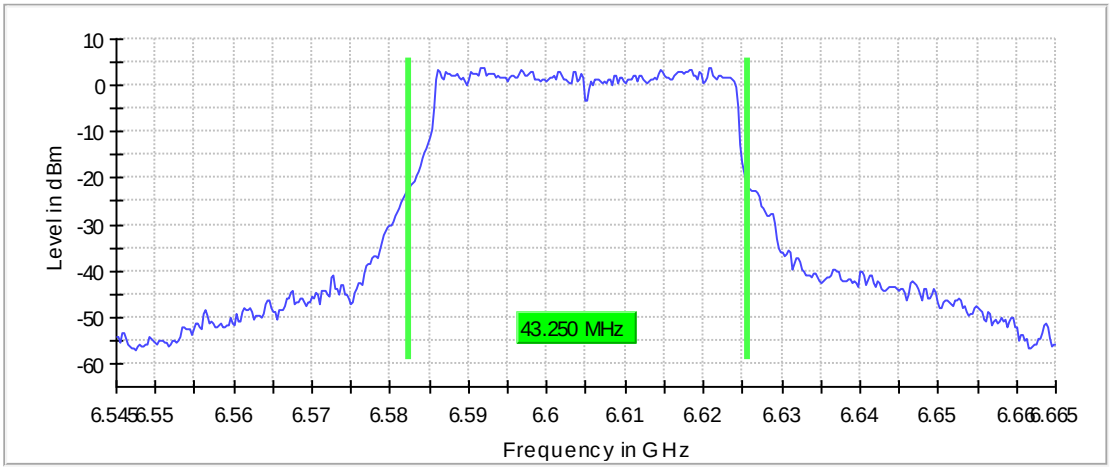
Emission Bandwidth 26 dB (6605 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

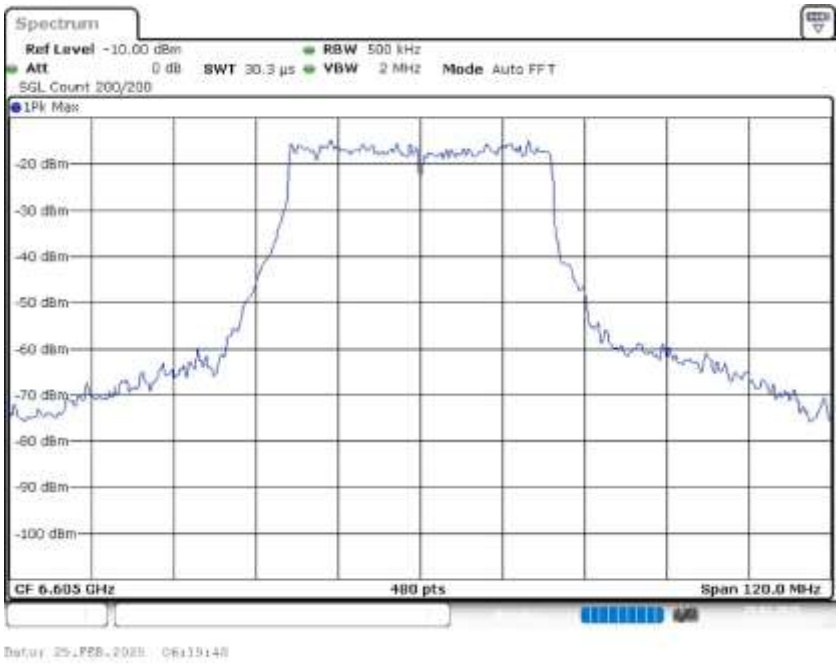
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6605.000000	43.250000	---	320.000000	6582.375000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6605.000000	6625.625000	---	3.9	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.54500 GHz	6.54500 GHz
Stop Frequency	6.66500 GHz	6.66500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweeptime	30.250 µs	AUTO
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 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-2) (6605 MHz; 24.000 dBm; 40 MHz)

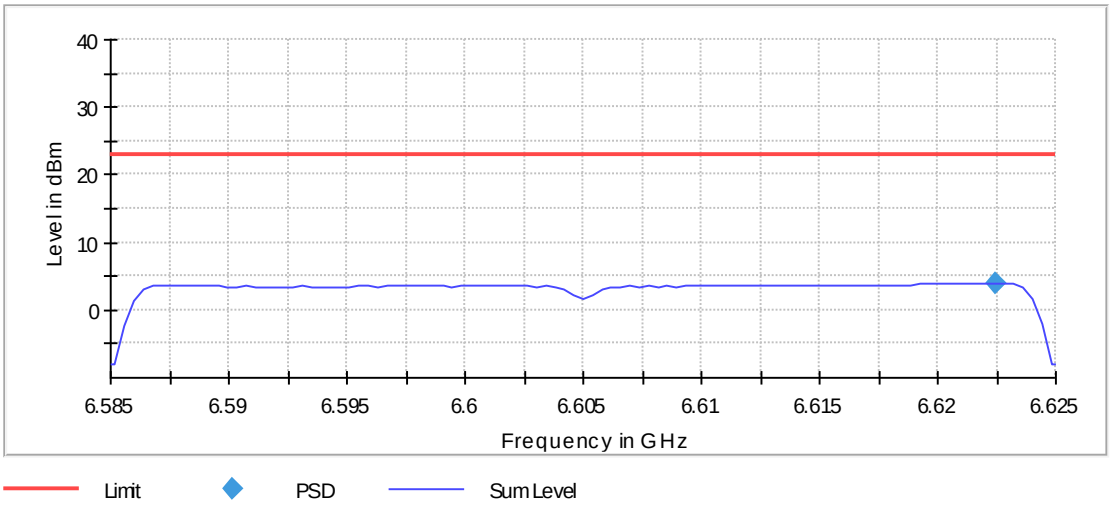
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6605.000000	6622.425743	3.913	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used



In-Band Emissions (6605 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
6605.000000	PASS

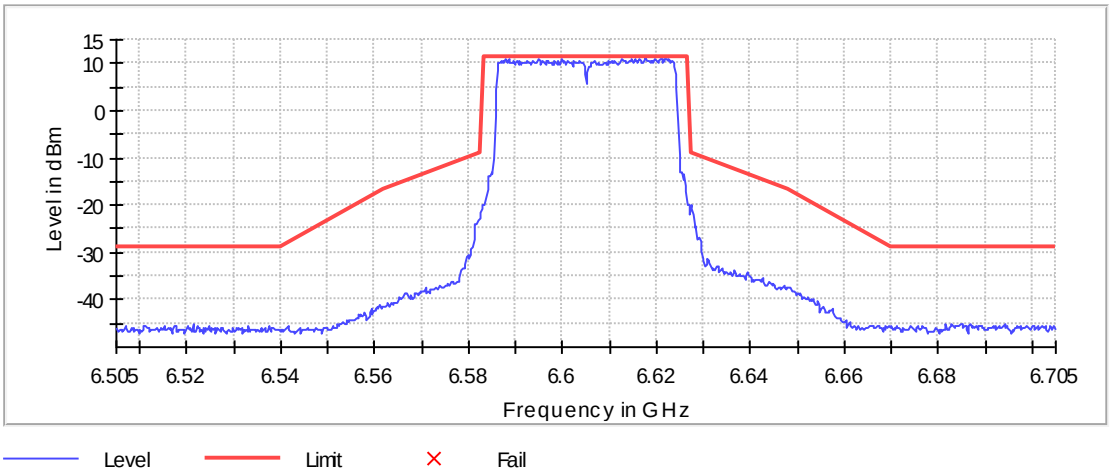
Inband Peak

Frequency (MHz)	Level (dBm)
6617.625000	11.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6621.875000	11.1	0.0	11.2	PASS
6616.375000	11.0	0.2	11.2	PASS
6588.625000	11.0	0.2	11.2	PASS
6622.125000	11.0	0.2	11.2	PASS
6619.625000	10.9	0.2	11.2	PASS
6620.875000	10.9	0.3	11.2	PASS
6622.625000	10.9	0.3	11.2	PASS
6615.375000	10.9	0.3	11.2	PASS
6617.375000	10.9	0.3	11.2	PASS
6614.875000	10.8	0.3	11.2	PASS
6612.625000	10.8	0.4	11.2	PASS
6621.125000	10.8	0.4	11.2	PASS
6594.875000	10.8	0.4	11.2	PASS
6587.875000	10.7	0.4	11.2	PASS
6599.875000	10.7	0.4	11.2	PASS

In Band



Measurement 1

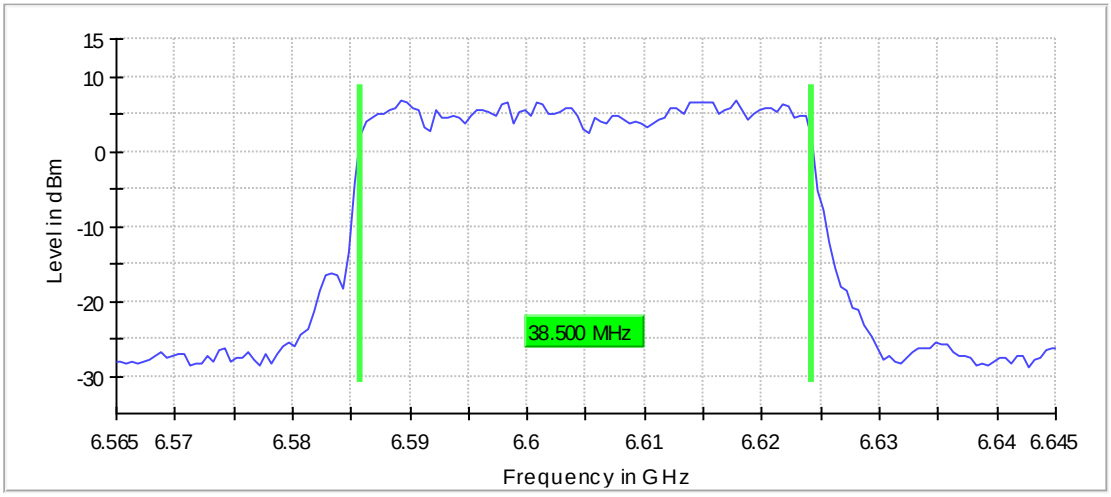
Setting	Instrument Value	Target Value
Start Frequency	6.50500 GHz	6.50500 GHz
Stop Frequency	6.70500 GHz	6.70500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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% (6605 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)
6605.000000	38.500000	---	320.000000	6585.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6605.000000	6624.250000	7125.000000	PASS



Bandwidth

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.56500 GHz	6.56500 GHz
Stop Frequency	6.64500 GHz	6.64500 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

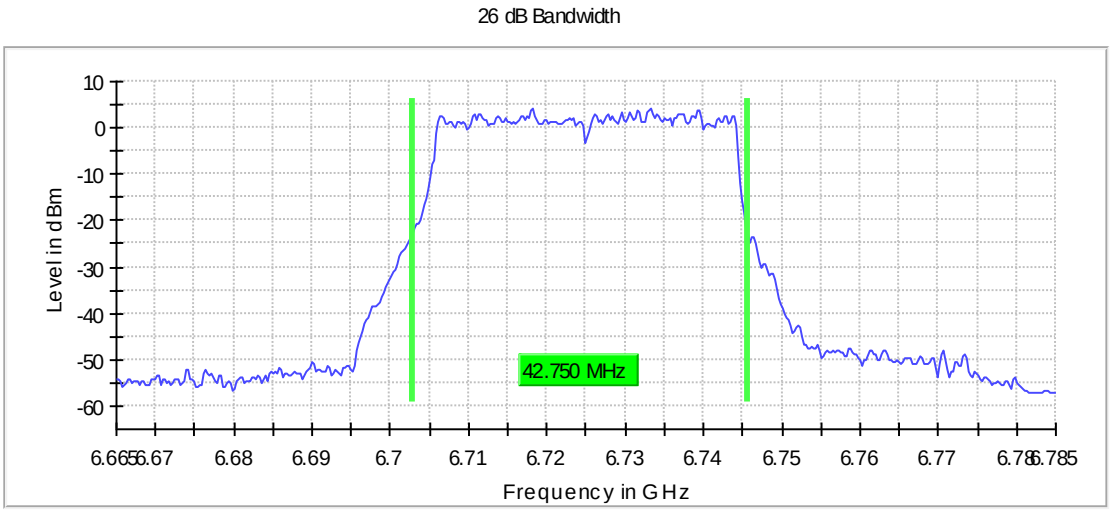
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (6725 MHz; 24.000 dBm; 40 MHz)

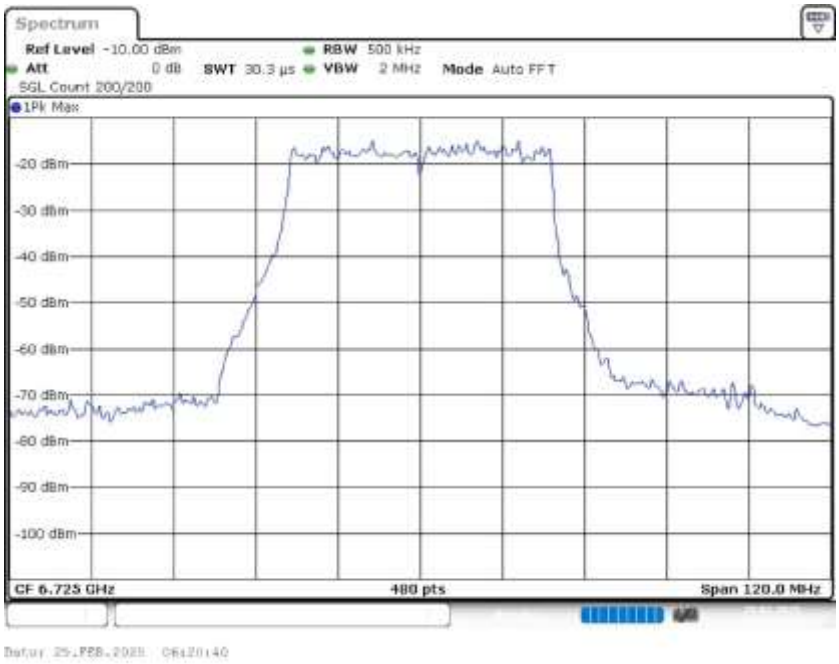
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6725.000000	42.750000	---	320.000000	6702.875000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6725.000000	6745.625000	---	4.2	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.66500 GHz	6.66500 GHz
Stop Frequency	6.78500 GHz	6.78500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweeptime	30.250 µs	AUTO
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 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

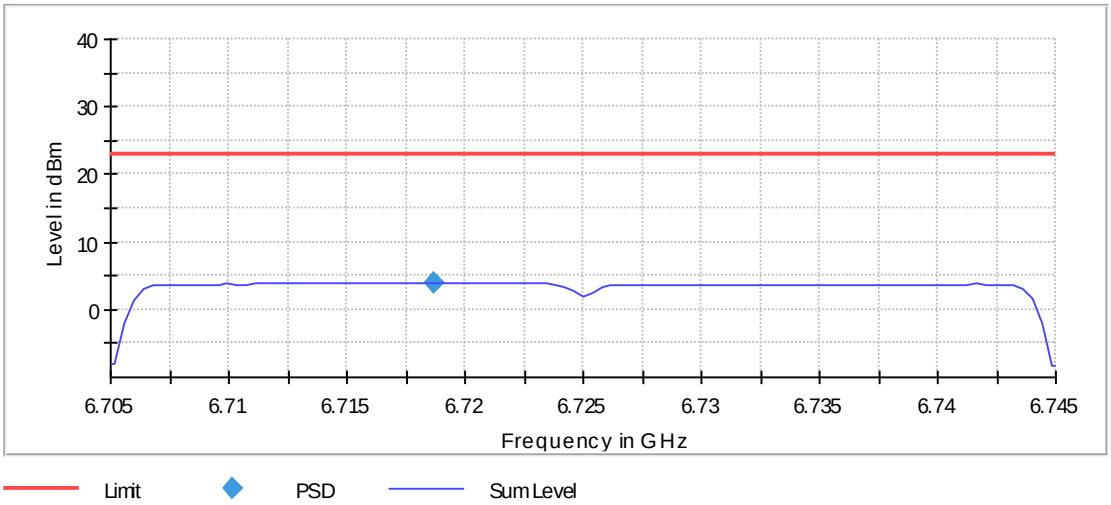
Power Spectral Density (SA-2) (6725 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6725.000000	6718.663366	4.017	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



In-Band Emissions (6725 MHz; 24.000 dBm; 40 MHz)

Result

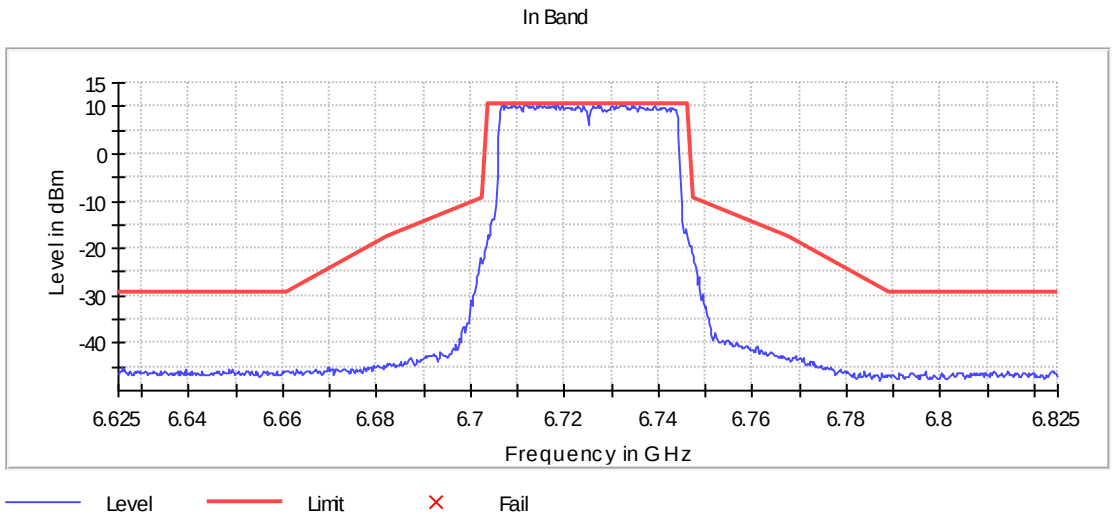
DUT Frequency (MHz)	Result
6725.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6719.625000	10.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6711.625000	10.5	0.1	10.6	PASS
6727.125000	10.4	0.2	10.6	PASS
6706.875000	10.3	0.2	10.6	PASS
6712.125000	10.3	0.3	10.6	PASS
6707.375000	10.3	0.3	10.6	PASS
6732.625000	10.3	0.3	10.6	PASS
6719.375000	10.3	0.3	10.6	PASS
6718.375000	10.3	0.3	10.6	PASS
6713.375000	10.2	0.3	10.6	PASS
6712.625000	10.2	0.3	10.6	PASS
6717.875000	10.2	0.3	10.6	PASS
6734.875000	10.2	0.3	10.6	PASS
6732.125000	10.2	0.4	10.6	PASS
6711.875000	10.2	0.4	10.6	PASS
6708.625000	10.2	0.4	10.6	PASS

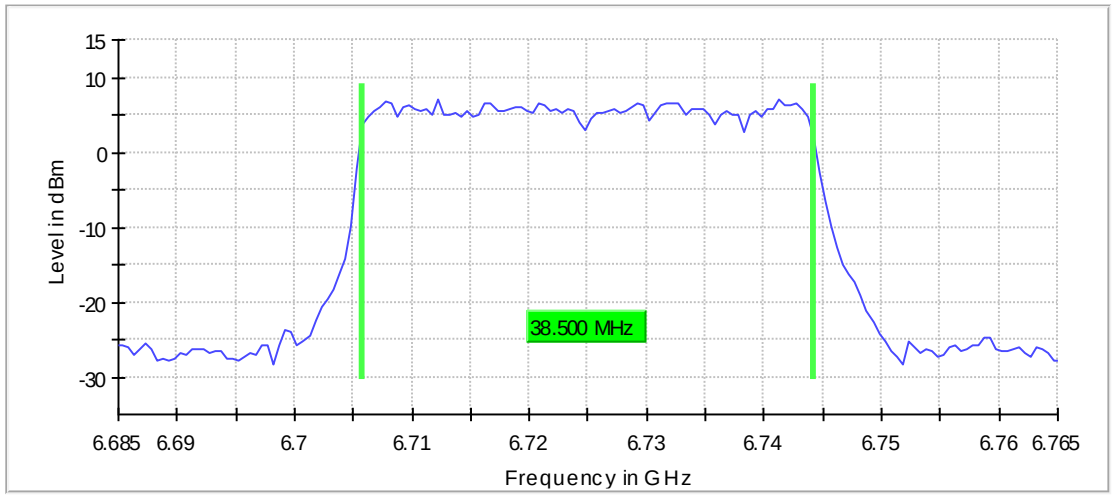


Occupied Channel Bandwidth 99% (6725 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6725.000000	38.500000	---	320.000000	6705.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6725.000000	6744.250000	7125.000000	PASS



Bandwidth

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.68500 GHz	6.68500 GHz
Stop Frequency	6.76500 GHz	6.76500 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	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

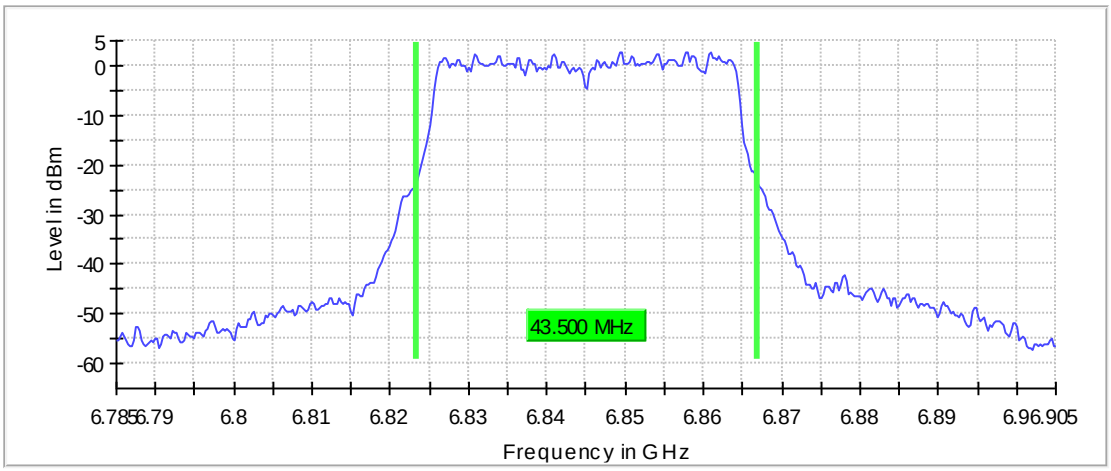
Emission Bandwidth 26 dB (6845 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

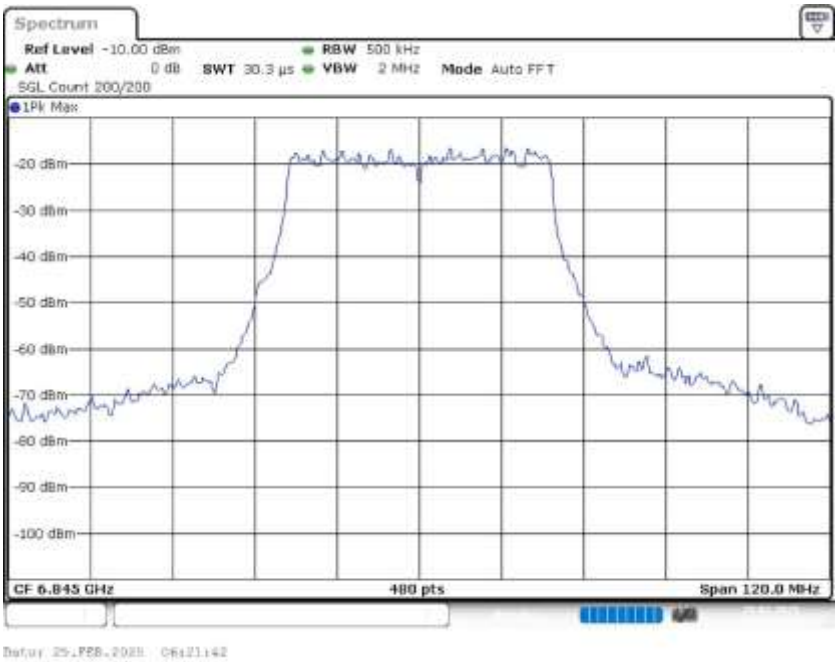
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6845.000000	43.500000	---	320.000000	6823.375000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6845.000000	6866.875000	---	2.7	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.78500 GHz	6.78500 GHz
Stop Frequency	6.90500 GHz	6.90500 GHz
Span	120.000 MHz	120.000 MHz
RBW	500.000 kHz	~ 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	480	~ 480
Sweeptime	30.250 µs	AUTO
Reference Level	-10.000 dBm	AUTO

Attenuation	0.000 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

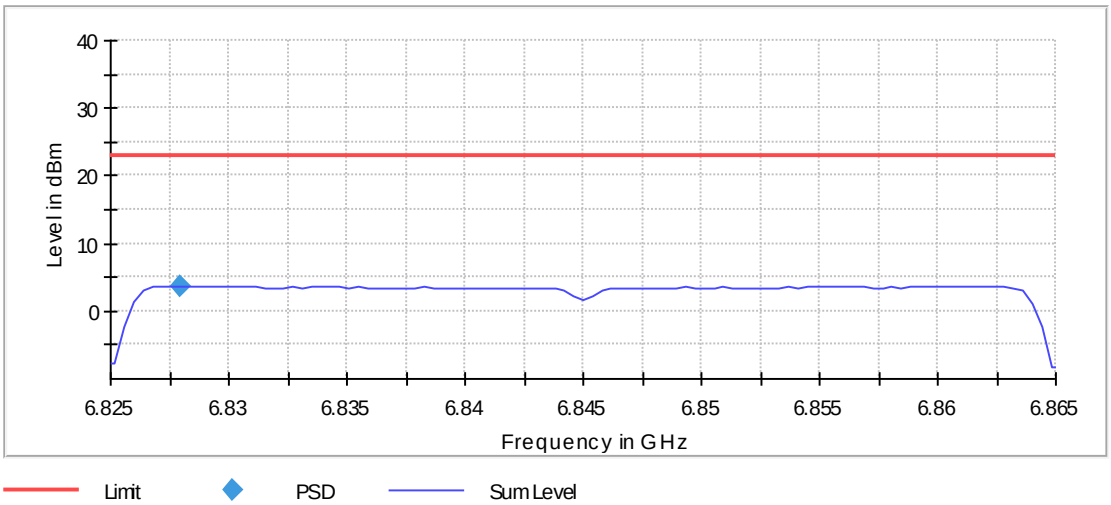
Power Spectral Density (SA-2) (6845 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6845.000000	6827.970297	3.657	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



In-Band Emissions (6845 MHz; 24.000 dBm; 40 MHz)

Result

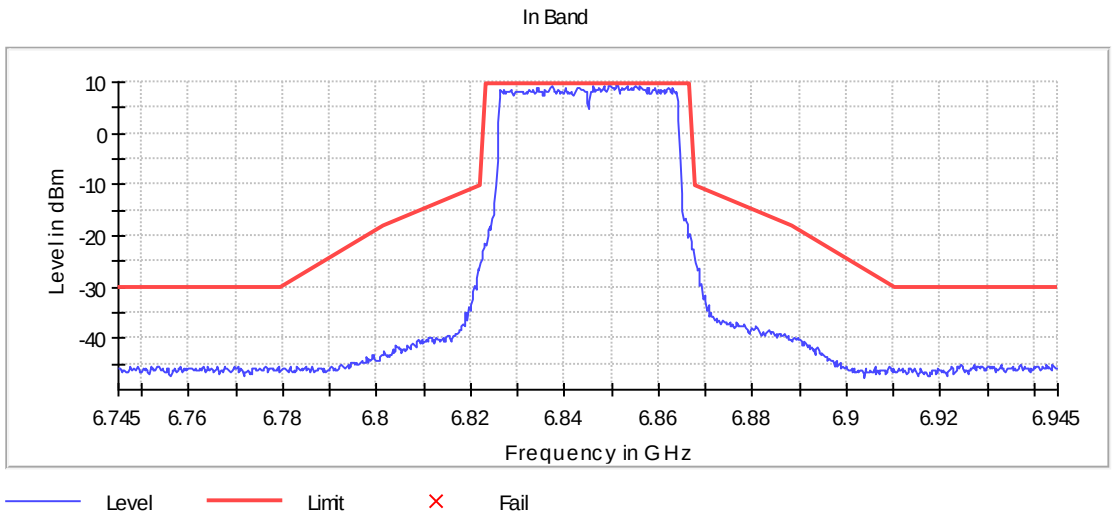
DUT Frequency (MHz)	Result
6845.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6851.125000	9.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6849.875000	9.4	0.3	9.7	PASS
6849.625000	9.3	0.4	9.7	PASS
6855.125000	9.2	0.5	9.7	PASS
6856.125000	9.1	0.5	9.7	PASS
6848.375000	9.1	0.5	9.7	PASS
6849.375000	9.1	0.6	9.7	PASS
6837.375000	9.1	0.6	9.7	PASS
6853.375000	9.1	0.6	9.7	PASS
6846.125000	9.1	0.6	9.7	PASS
6851.375000	9.1	0.6	9.7	PASS
6850.875000	9.0	0.7	9.7	PASS
6842.875000	9.0	0.7	9.7	PASS
6847.375000	8.9	0.8	9.7	PASS
6854.875000	8.9	0.8	9.7	PASS
6856.375000	8.9	0.8	9.7	PASS

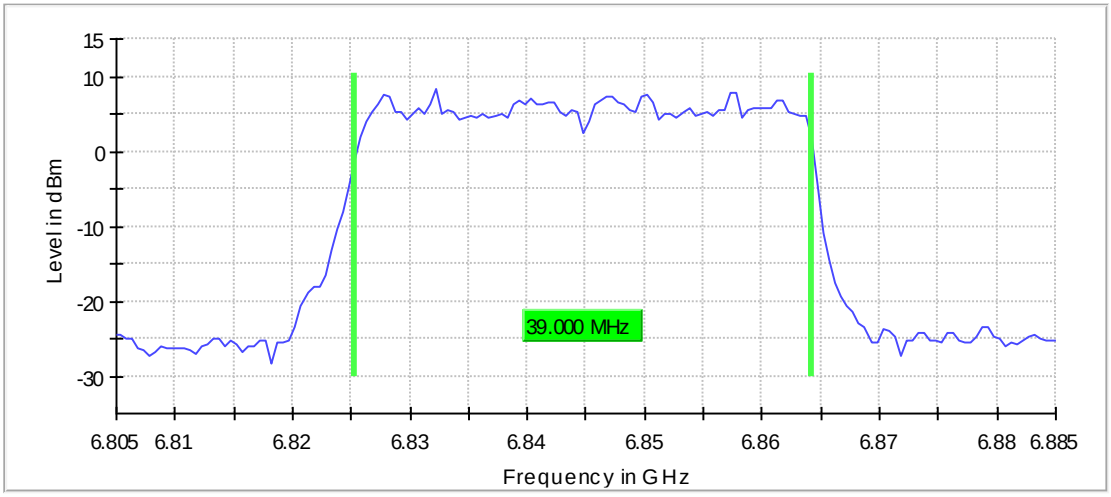


Occupied Channel Bandwidth 99% (6845 MHz; 24.000 dBm; 40 MHz)

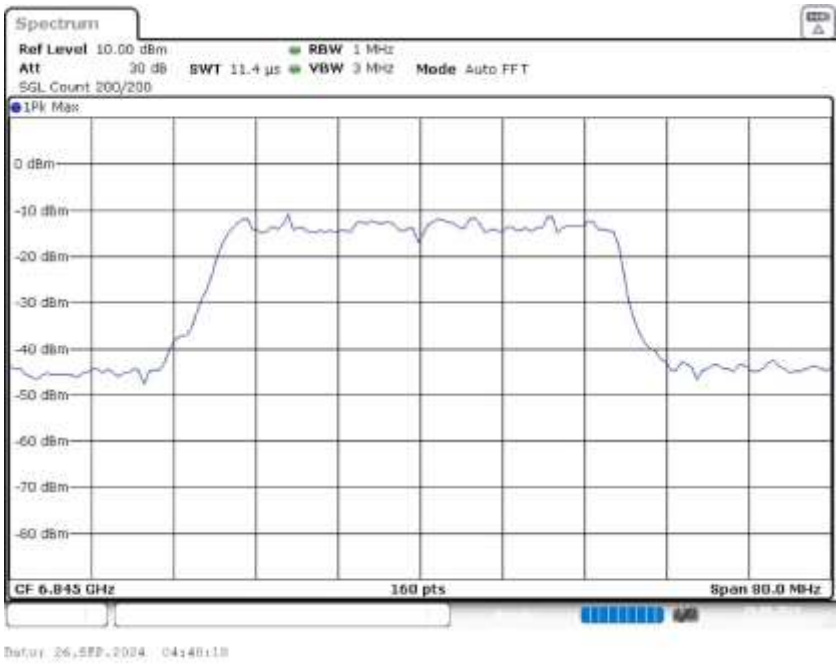
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6845.000000	39.000000	---	320.000000	6825.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6845.000000	6864.250000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	**6.80500 GHz**	**6.80500 GHz**
Stop Frequency	**6.88500 GHz**	**6.88500 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**

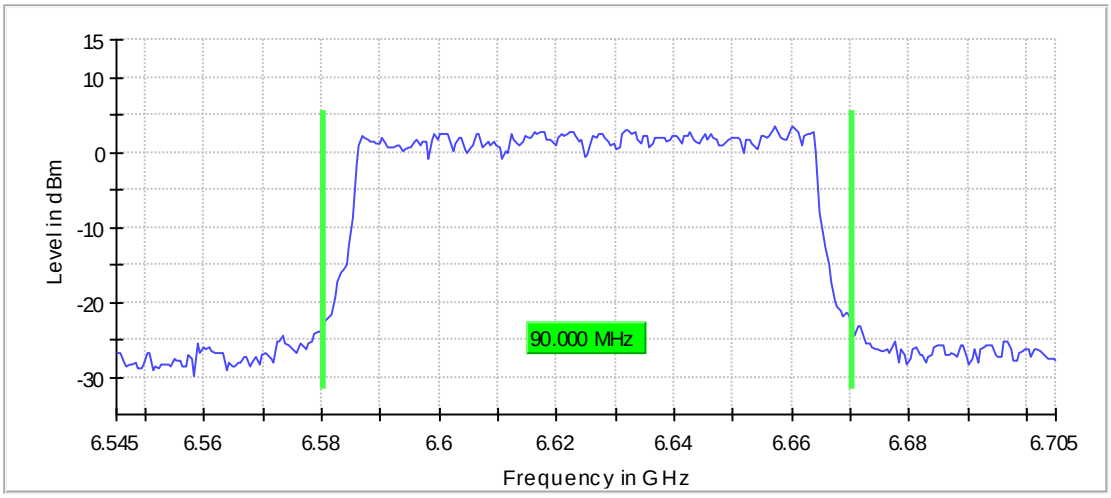
Sweeptime	11.438 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

Emission Bandwidth 26 dB (6625 MHz; 24.000 dBm; 80 MHz)

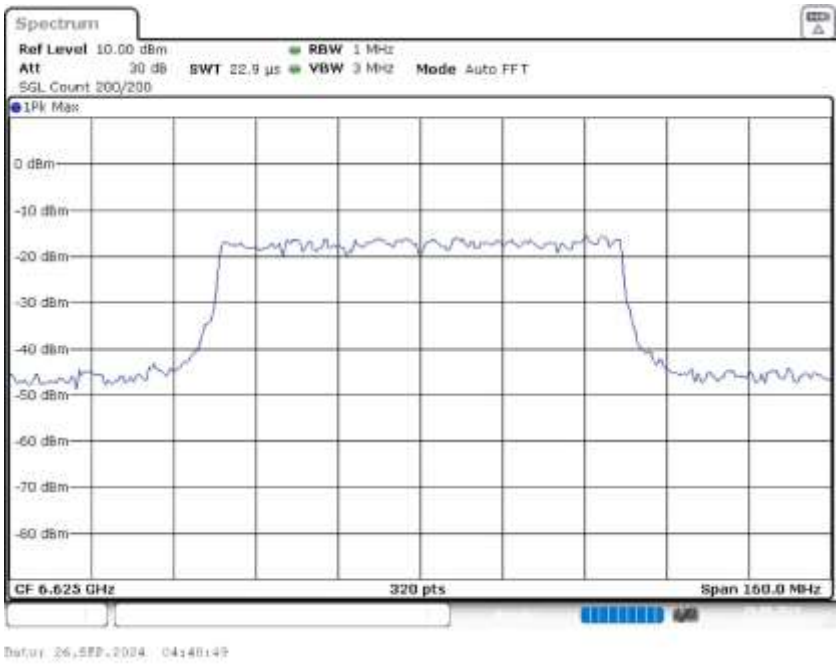
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6625.000000	90.000000	---	320.000000	6580.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6625.000000	6670.250000	---	3.5	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.54500 GHz	6.54500 GHz
Stop Frequency	6.70500 GHz	6.70500 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

Power Spectral Density (SA-2) (6625 MHz; 24.000 dBm; 80 MHz)

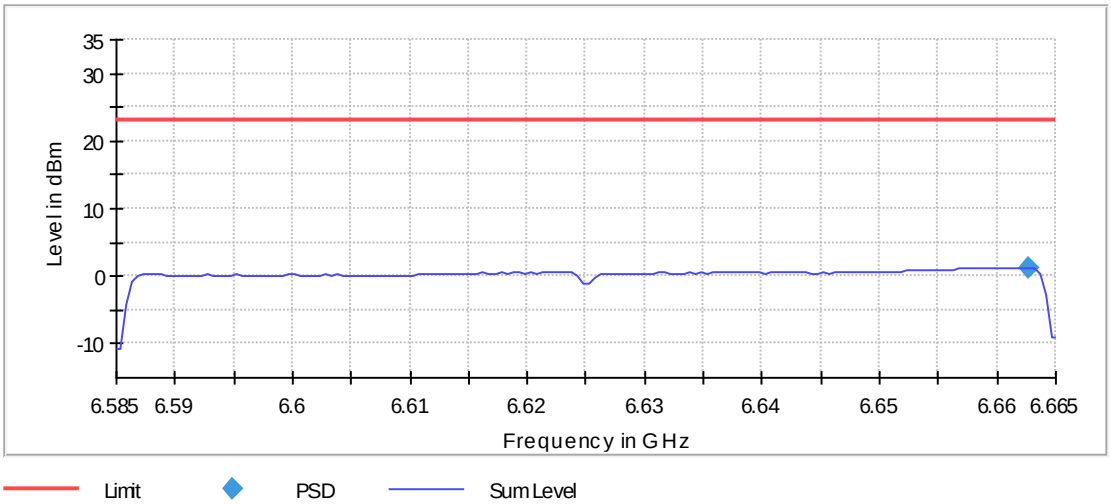
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6625.000000	6662.750000	1.238	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used



In-Band Emissions (6625 MHz; 24.000 dBm; 80 MHz)

Result

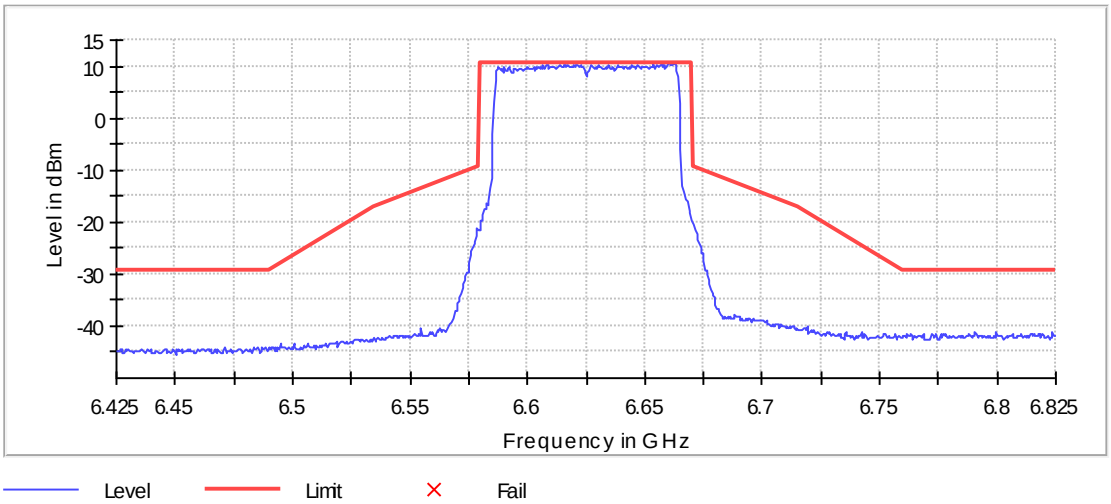
DUT Frequency (MHz)	Result
6625.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6653.750000	10.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6660.250000	10.7	0.1	10.7	PASS
6662.750000	10.6	0.2	10.7	PASS
6662.250000	10.5	0.3	10.7	PASS
6657.250000	10.5	0.3	10.7	PASS
6659.750000	10.4	0.3	10.7	PASS
6660.750000	10.4	0.3	10.7	PASS
6615.750000	10.4	0.4	10.7	PASS
6626.750000	10.3	0.4	10.7	PASS
6607.750000	10.3	0.4	10.7	PASS
6658.250000	10.3	0.4	10.7	PASS
6663.250000	10.3	0.4	10.7	PASS
6646.750000	10.3	0.4	10.7	PASS
6614.250000	10.2	0.5	10.7	PASS
6620.750000	10.2	0.5	10.7	PASS
6619.750000	10.2	0.5	10.7	PASS



Measurement 1

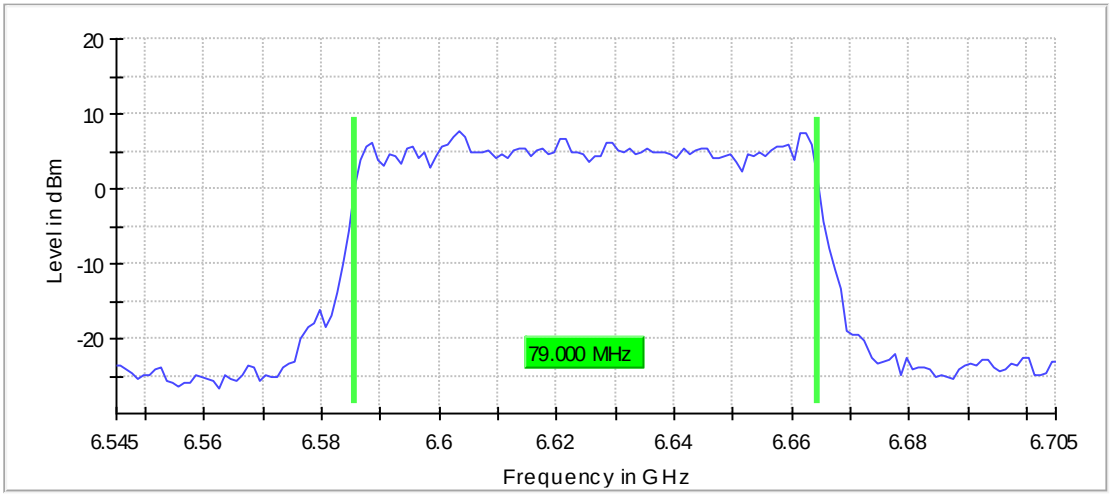
Setting	Instrument Value	Target Value
Start Frequency	6.42500 GHz	6.42500 GHz
Stop Frequency	6.82500 GHz	6.82500 GHz
Span	400.000 MHz	400.000 MHz
RBW	1.000 MHz	~ 800.000 kHz
VBW	3.000 MHz	~ 3.000 MHz
SweepPoints	800	~ 800
Sweeptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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% (6625 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)
6625.000000	79.000000	---	320.000000	6585.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6625.000000	6664.500000	7125.000000	PASS



Bandwidth

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.54500 GHz	6.54500 GHz
Stop Frequency	6.70500 GHz	6.70500 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	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

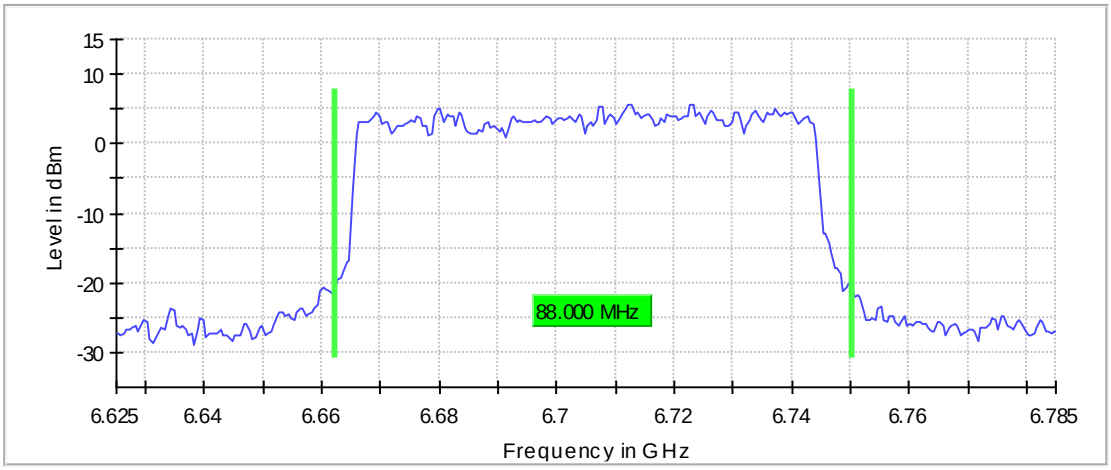
Emission Bandwidth 26 dB (6705 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

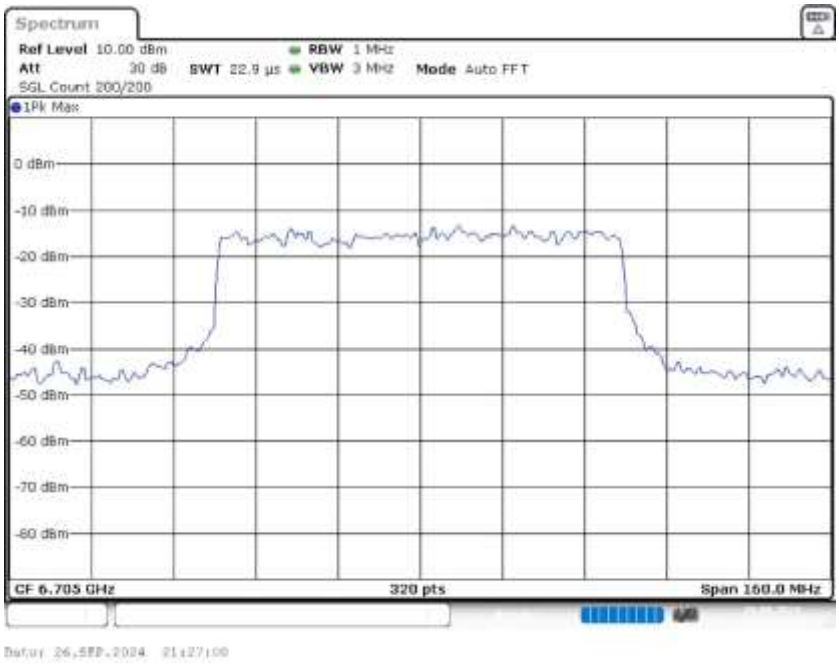
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6705.000000	88.000000	---	320.000000	6662.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6705.000000	6750.250000	---	5.7	PASS

26 dB Bandwidth



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

Power Spectral Density (SA-2) (6705 MHz; 24.000 dBm; 80 MHz)

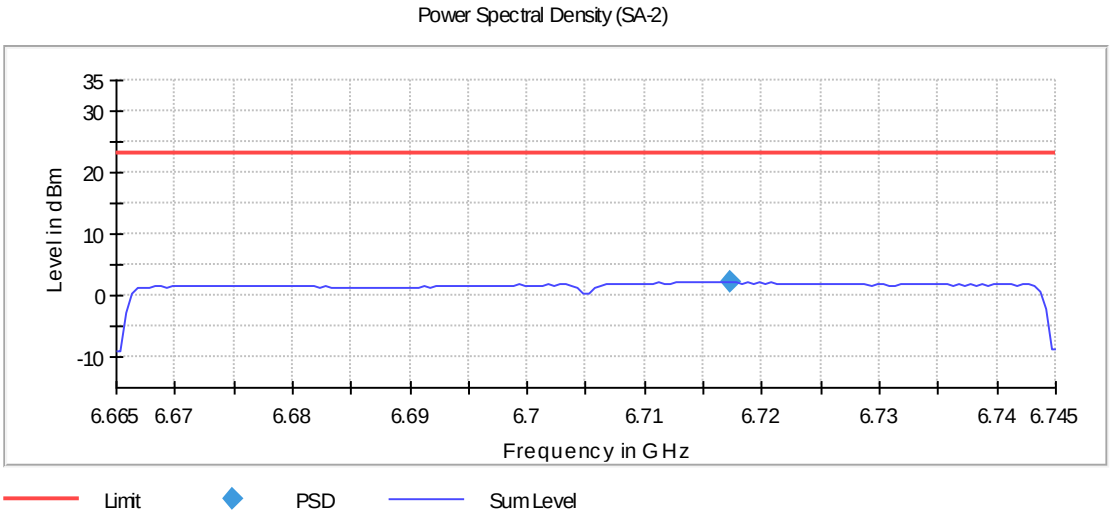
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6717.250000	2.130	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used



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

Result

DUT Frequency (MHz)	Result
6705.000000	PASS

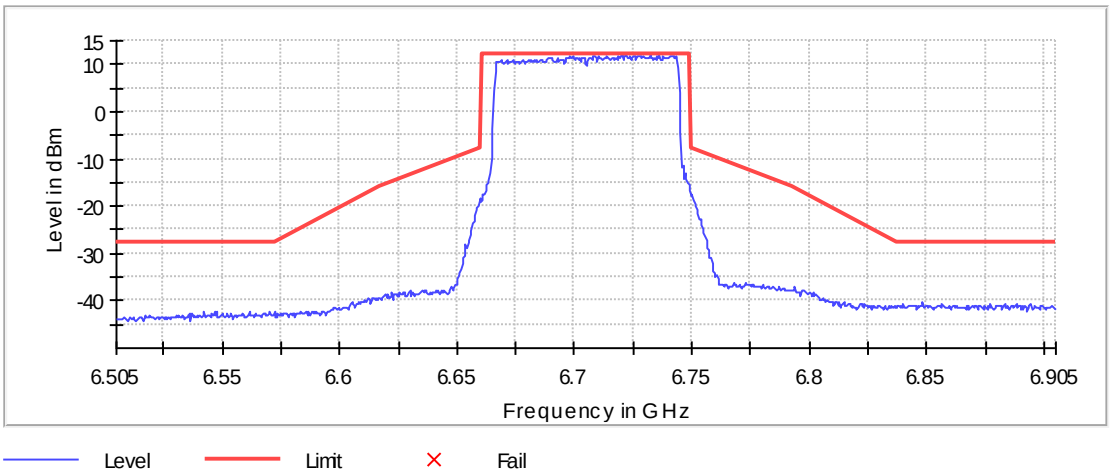
Inband Peak

Frequency (MHz)	Level (dBm)
6732.250000	12.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6732.250000	12.2	0.0	12.2	PASS
6736.250000	12.1	0.1	12.2	PASS
6720.250000	12.1	0.1	12.2	PASS
6722.250000	12.0	0.2	12.2	PASS
6721.250000	11.9	0.3	12.2	PASS
6741.250000	11.9	0.4	12.2	PASS
6729.250000	11.8	0.4	12.2	PASS
6708.750000	11.8	0.4	12.2	PASS
6727.750000	11.8	0.4	12.2	PASS
6713.750000	11.8	0.4	12.2	PASS
6727.250000	11.8	0.5	12.2	PASS
6737.750000	11.8	0.5	12.2	PASS
6699.250000	11.7	0.5	12.2	PASS
6740.750000	11.7	0.5	12.2	PASS
6718.750000	11.7	0.5	12.2	PASS

In Band



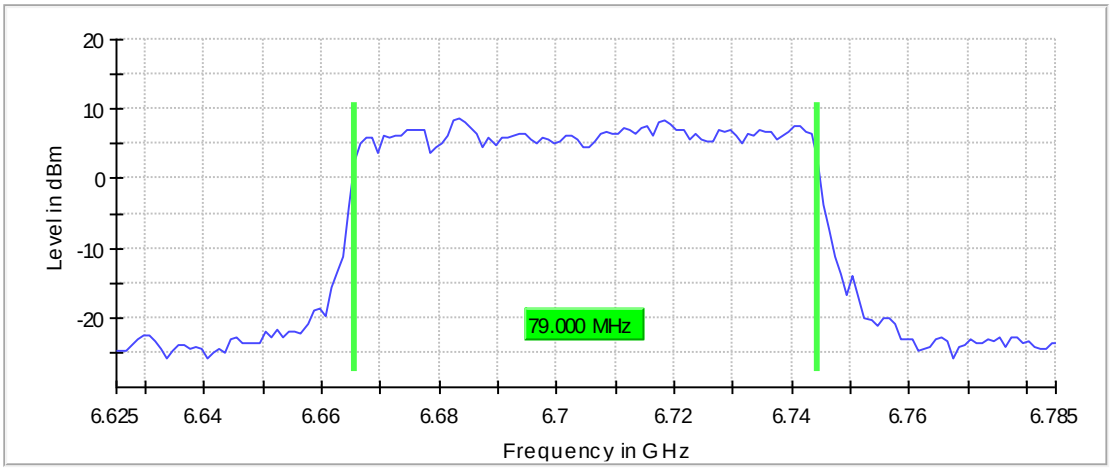
Occupied Channel Bandwidth 99% (6705 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6705.000000	79.000000	---	320.000000	6665.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6705.000000	6744.500000	7125.000000	PASS

99 %Bandwidth



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	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	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

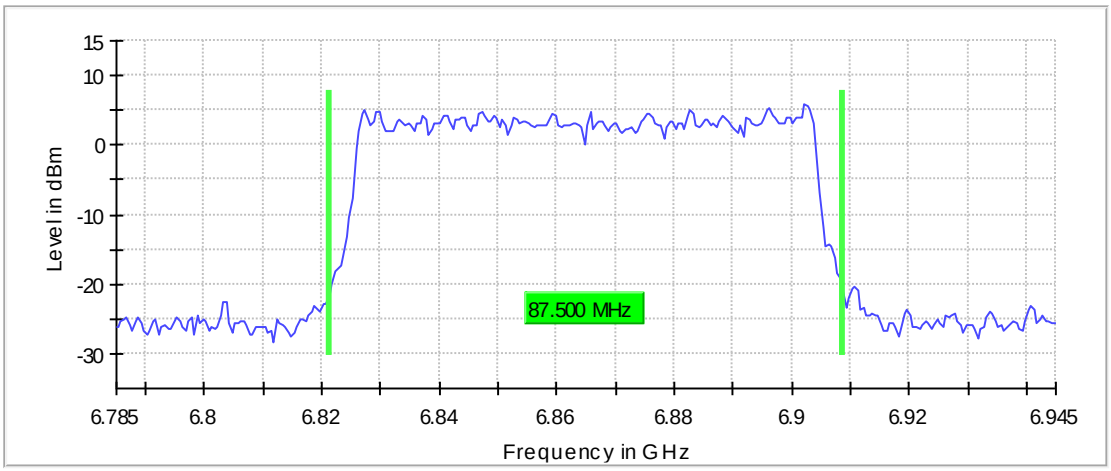
Emission Bandwidth 26 dB (6865 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

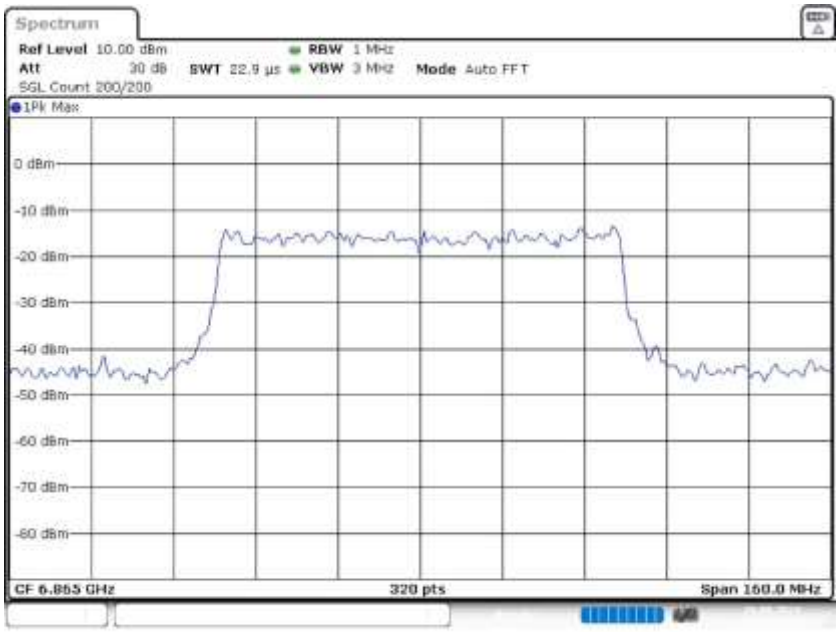
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	87.500000	53.750000	33.750000	---	320.000000

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	6821.250000	---	6908.750000	---	5.8	PASS

26 dB Bandwidth



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

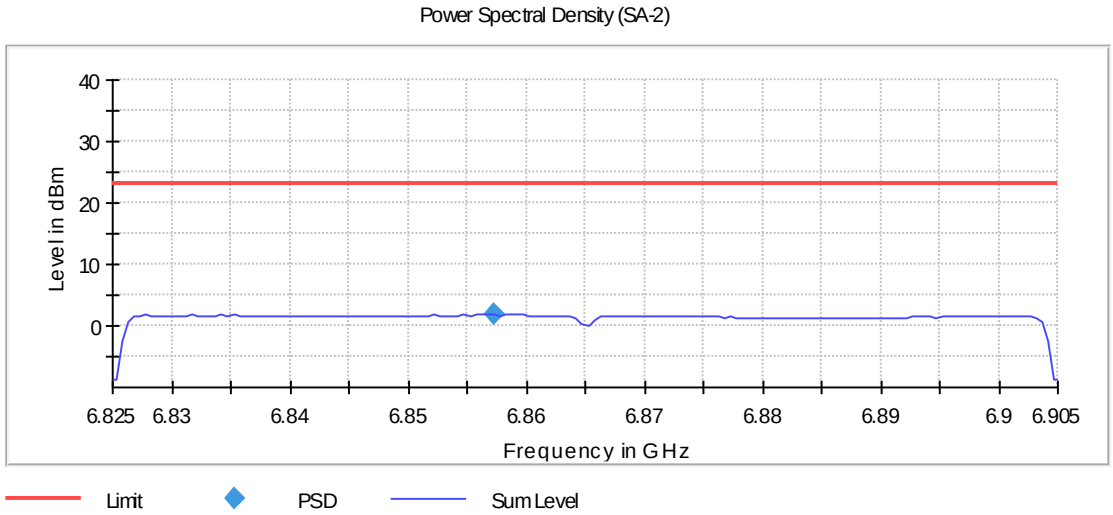
Power Spectral Density (SA-2) (6865 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6865.000000	6857.250000	1.818	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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

Result

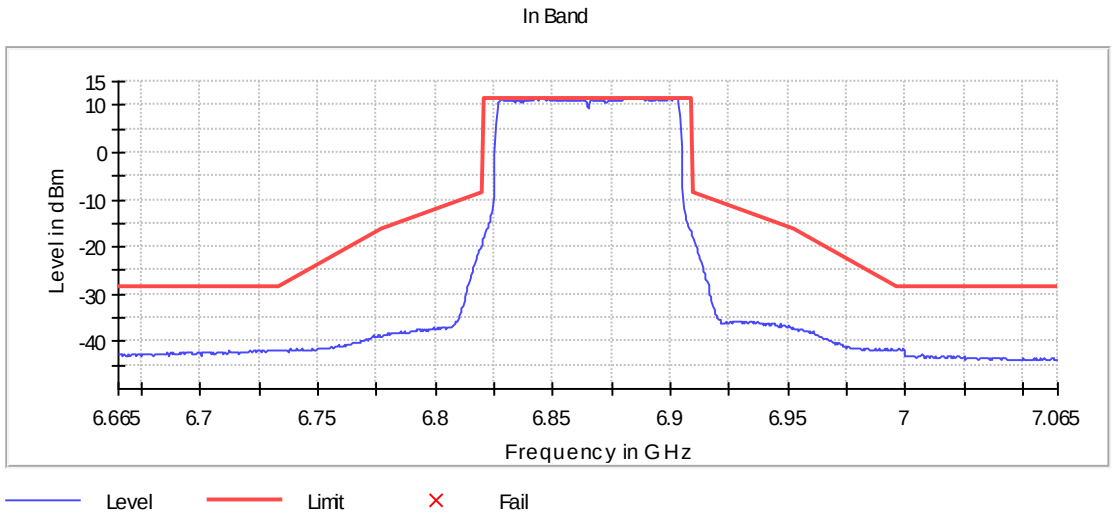
DUT Frequency (MHz)	Result
6865.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6888.250000	11.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6888.250000	11.5	0.0	11.5	PASS
6881.750000	11.5	0.0	11.5	PASS
6884.750000	11.5	0.1	11.5	PASS
6895.250000	11.4	0.1	11.5	PASS
6886.250000	11.4	0.1	11.5	PASS
6890.250000	11.4	0.1	11.5	PASS
6886.750000	11.4	0.1	11.5	PASS
6849.250000	11.4	0.1	11.5	PASS
6844.250000	11.4	0.2	11.5	PASS
6900.250000	11.4	0.2	11.5	PASS
6887.250000	11.4	0.2	11.5	PASS
6847.750000	11.4	0.2	11.5	PASS
6883.750000	11.4	0.2	11.5	PASS
6842.750000	11.4	0.2	11.5	PASS
6902.250000	11.4	0.2	11.5	PASS



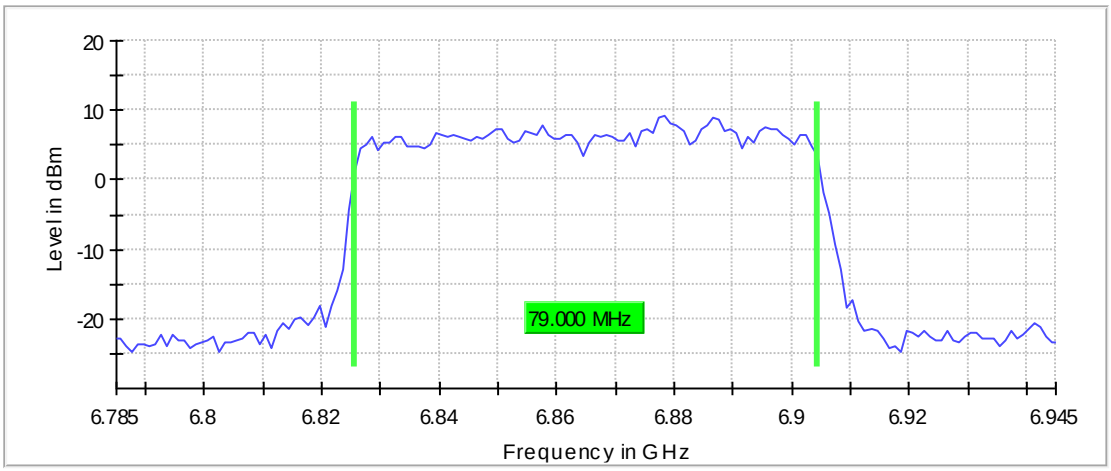
Occupied Channel Bandwidth 99% (6865 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

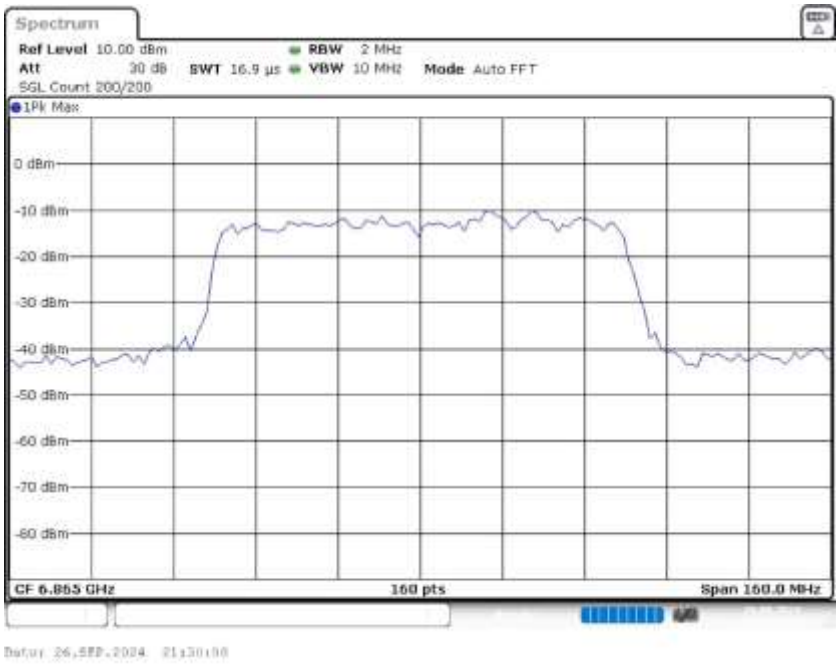
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6865.000000	79.000000	49.500000	29.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6865.000000	6825.500000	5925.000000	6904.500000	7125.000000	PASS

99 %Bandwidth



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	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

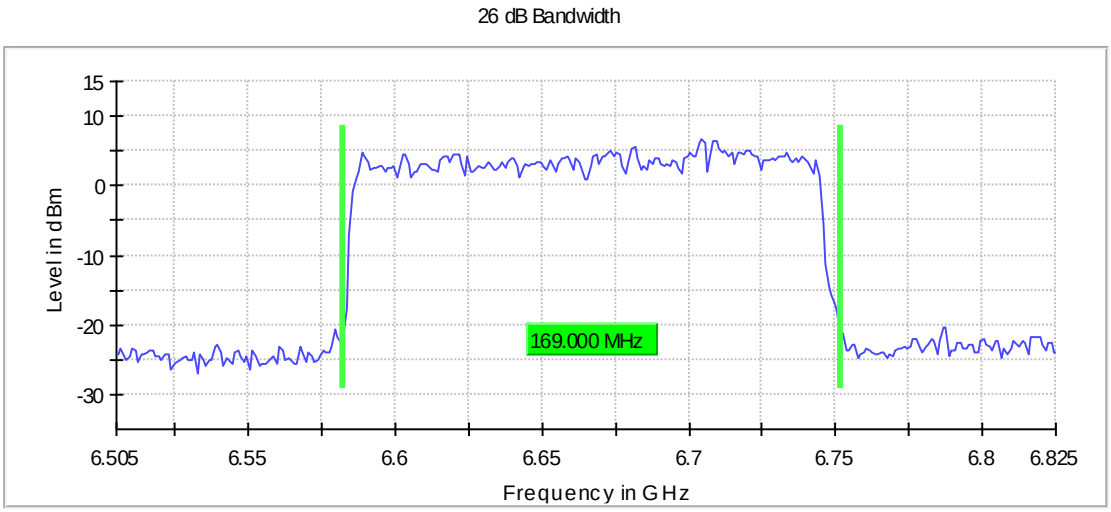
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

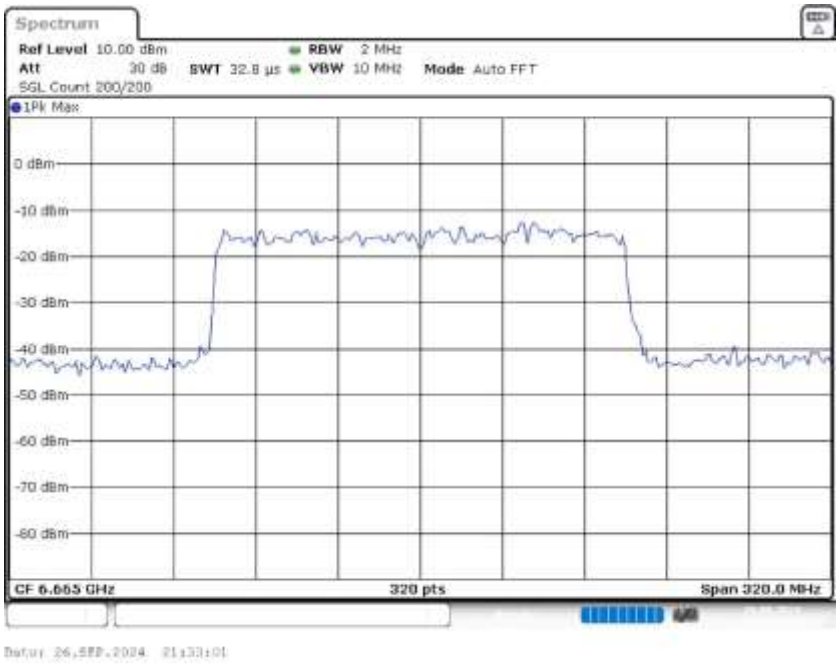
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6665.000000	169.000000	---	320.000000	6582.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6665.000000	6751.500000	---	6.6	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

Power Spectral Density (SA-2) (6665 MHz; 24.000 dBm; 160 MHz)

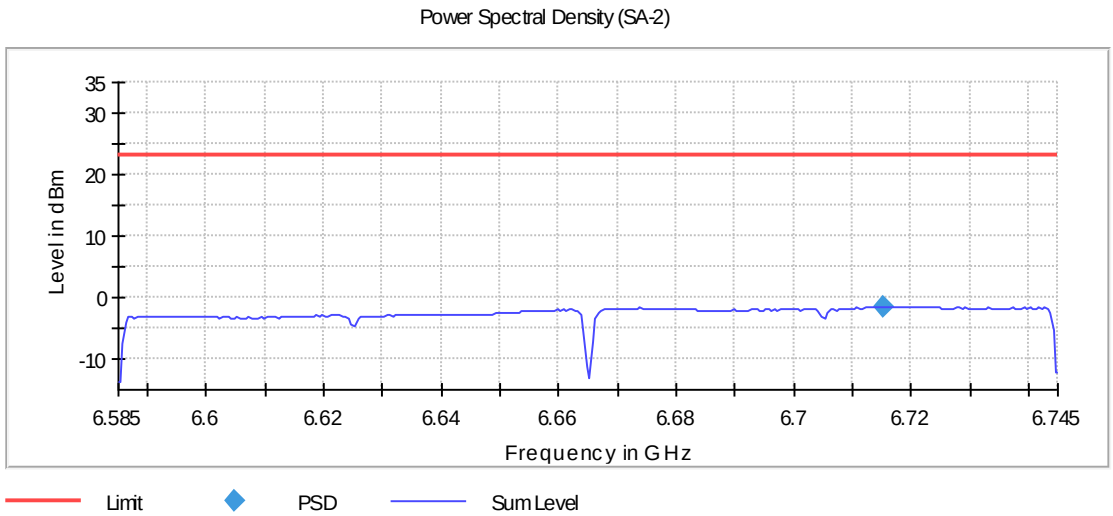
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6715.250000	-1.515	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used

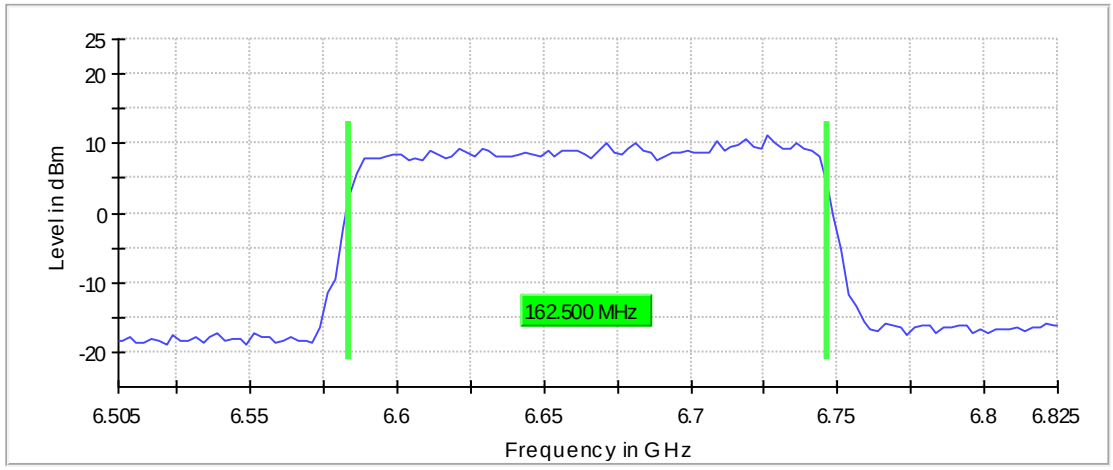


Occupied Channel Bandwidth 99% (6665 MHz; 24.000 dBm; 160 MHz)

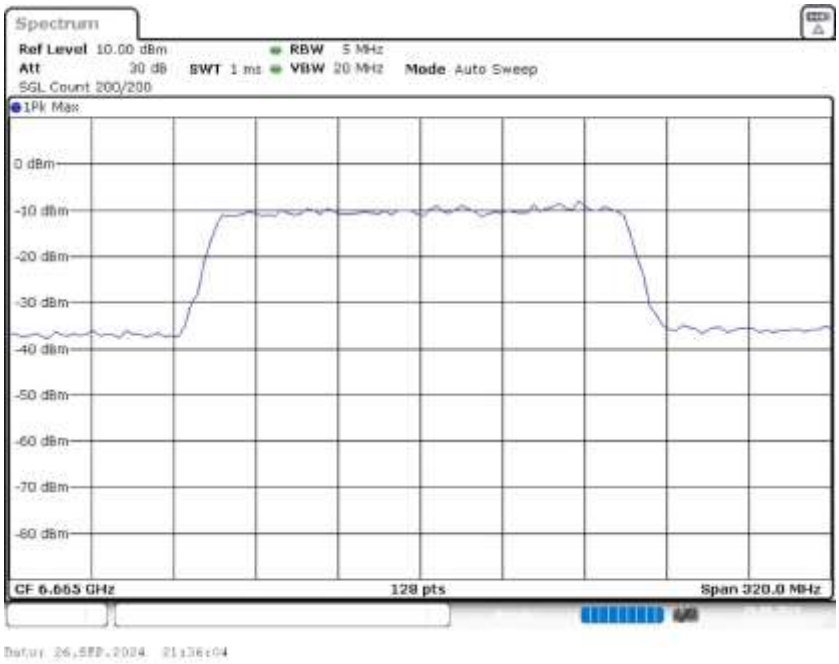
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6665.000000	162.500000	---	320.000000	6583.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6665.000000	6746.250000	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	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
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 (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
1000.000000	-44.5	-57.5	-45.9	11.6	PASS
35937.250000	-25.9	-37.0	-27.0	10.0	PASS

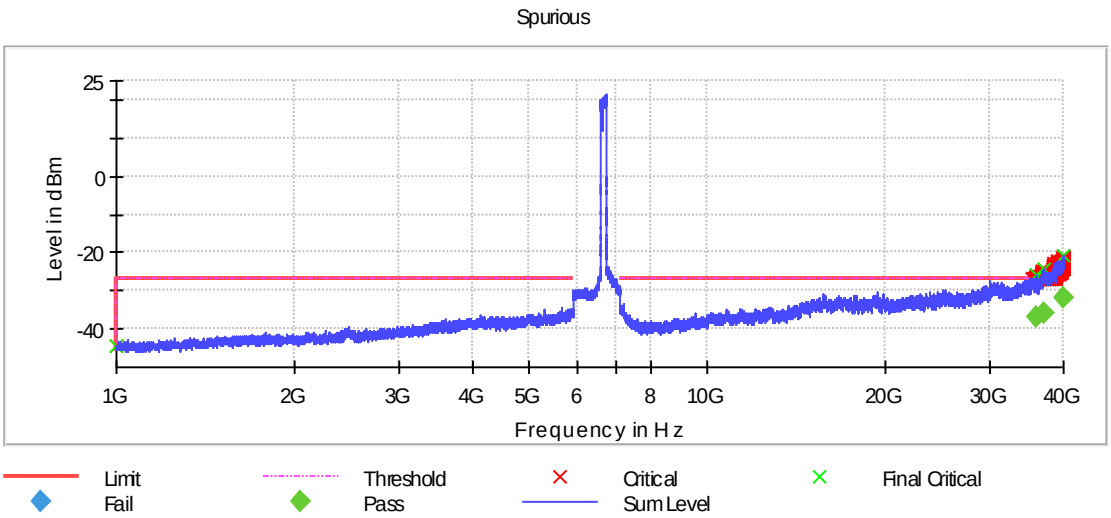
37018.250000	-24.6	-35.9	-27.0	8.9	PASS
39999.250000	-20.9	-31.6	-27.0	4.6	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39999.250000	-20.9	-6.1	-27.0
39975.250000	-21.1	-5.9	-27.0
39960.750000	-21.2	-5.8	-27.0
39947.250000	-21.2	-5.8	-27.0
39970.750000	-21.3	-5.7	-27.0
39986.250000	-21.3	-5.7	-27.0
39908.250000	-21.3	-5.7	-27.0
39974.750000	-21.3	-5.7	-27.0
39950.250000	-21.4	-5.6	-27.0
39985.250000	-21.5	-5.5	-27.0
39982.750000	-21.5	-5.5	-27.0
39971.750000	-21.6	-5.4	-27.0
39948.250000	-21.6	-5.4	-27.0
39973.250000	-21.6	-5.4	-27.0
39971.250000	-21.6	-5.4	-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

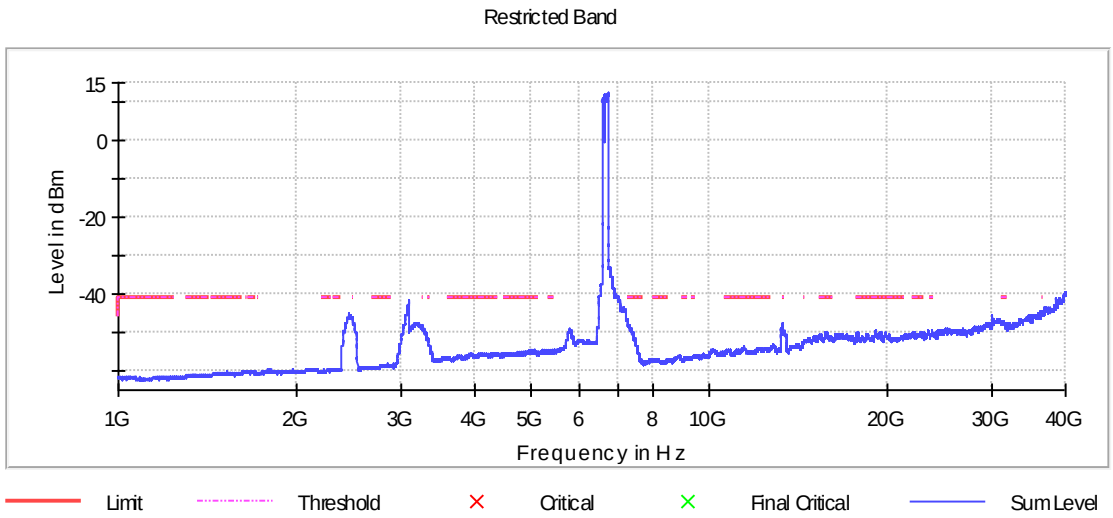
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36499.015656	-44.7	3.5	-41.2
36491.453392	-44.8	3.6	-41.2
36483.203650	-44.8	3.6	-41.2
36455.704509	-44.9	3.7	-41.2
36485.953564	-44.9	3.7	-41.2
36437.142589	-44.9	3.7	-41.2
36482.516171	-44.9	3.7	-41.2
36470.141558	-44.9	3.7	-41.2
36493.515828	-44.9	3.7	-41.2
36468.766601	-44.9	3.7	-41.2
36494.203306	-44.9	3.7	-41.2
36472.203994	-44.9	3.7	-41.2
36492.140871	-44.9	3.7	-41.2
36468.079123	-44.9	3.7	-41.2
36483.891128	-44.9	3.7	-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

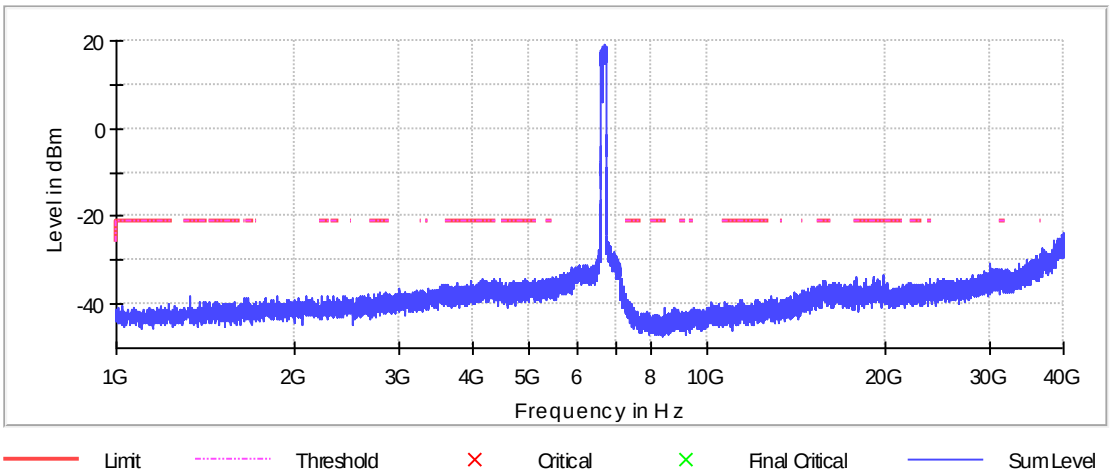
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36472.891472	-29.9	8.7	-21.2
36499.015656	-30.1	8.9	-21.2
36493.515828	-30.3	9.1	-21.2
36465.329208	-30.5	9.3	-21.2
36455.704509	-30.5	9.3	-21.2
36445.392331	-30.5	9.3	-21.2
36482.516171	-30.5	9.3	-21.2
36435.080154	-30.7	9.5	-21.2
36484.578607	-30.8	9.6	-21.2
36474.953908	-30.8	9.6	-21.2
36492.828349	-30.9	9.7	-21.2
36494.203306	-30.9	9.7	-21.2
36437.142589	-30.9	9.7	-21.2
36430.955283	-30.9	9.7	-21.2
36494.890785	-31.0	9.8	-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**

Restricted Band



Summary

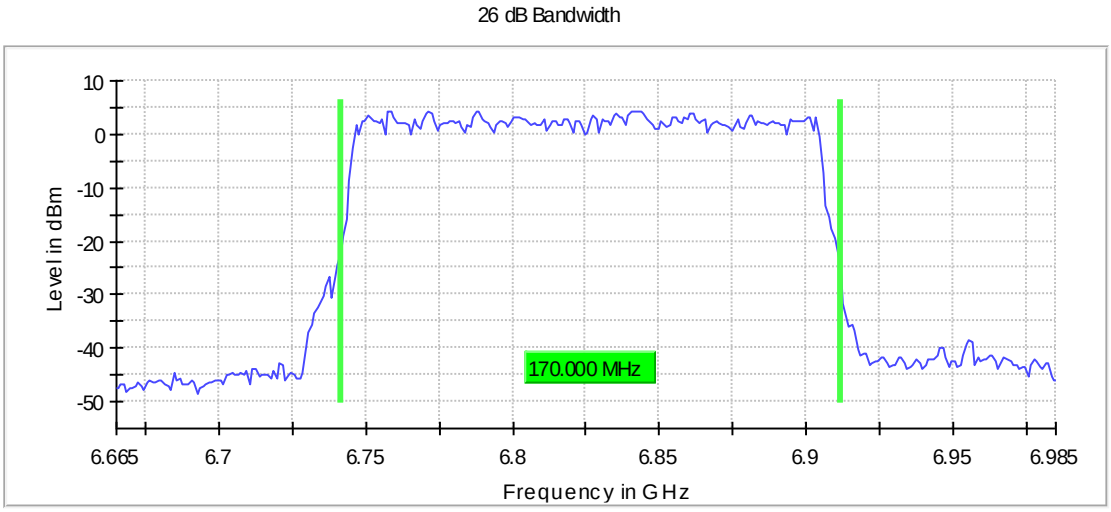
Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6825.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6825.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6825.000	24.0	160.000000	PASS
Tx Spurious Emission	6825.000	24.0	160.000000	PASS
Emissions 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
Power Spectral Density (SA-2)	6745.000	24.0	320.000000	PASS
In-Band Emissions	6745.000	24.0	320.000000	PASS
Tx Spurious Emission	6745.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Average)	6745.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6745.000	24.0	320.000000	PASS

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

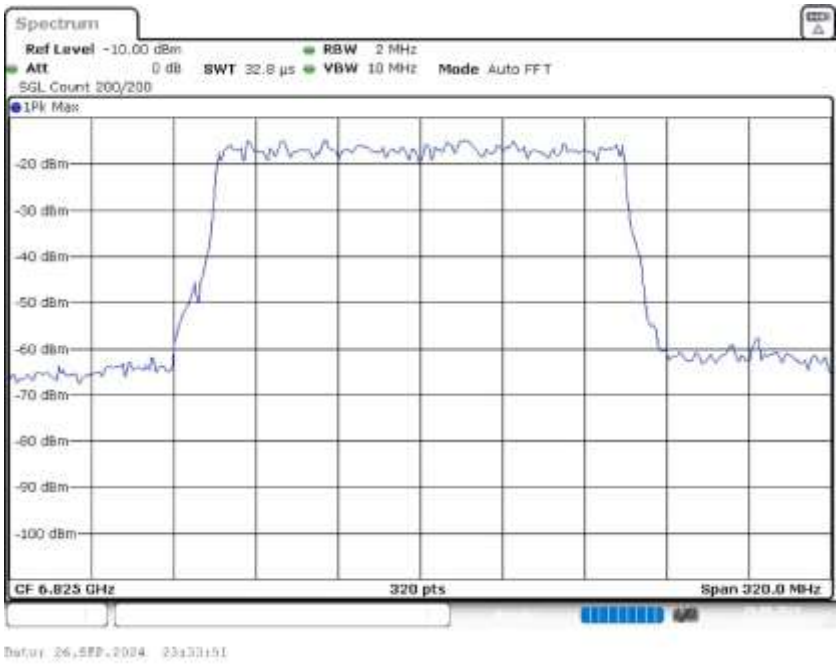
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	170.000000	133.500000	36.500000	---	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	6741.500000	---	6911.500000	---	4.4	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	AUTO
Attenuation	0.000 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-2) (6825 MHz; 24.000 dBm; 160 MHz)

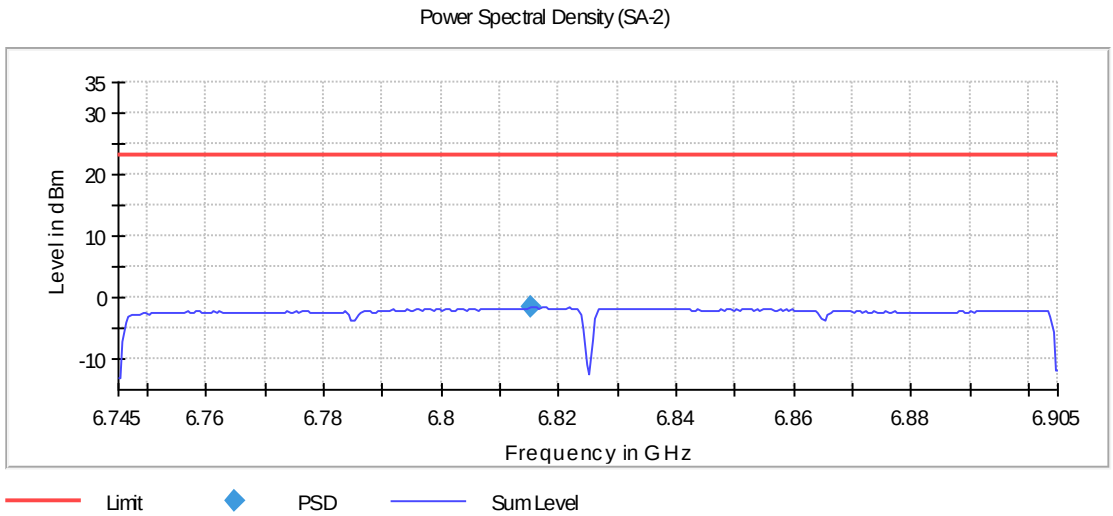
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6825.000000	6815.250000	-1.622	23.0	PASS

Ports

Port	State
1	used
2	used
3	used

4	used

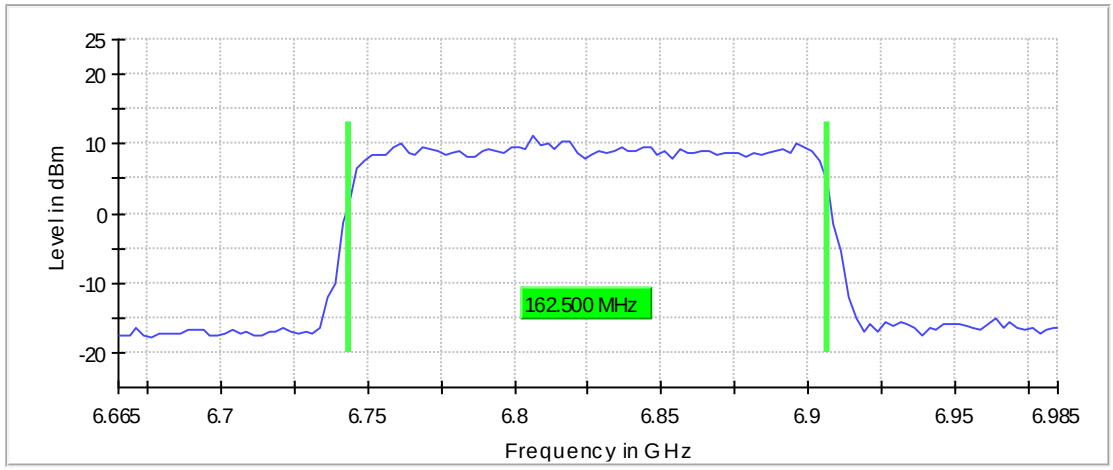


Occupied Channel Bandwidth 99% (6825 MHz; 24.000 dBm; 160 MHz)

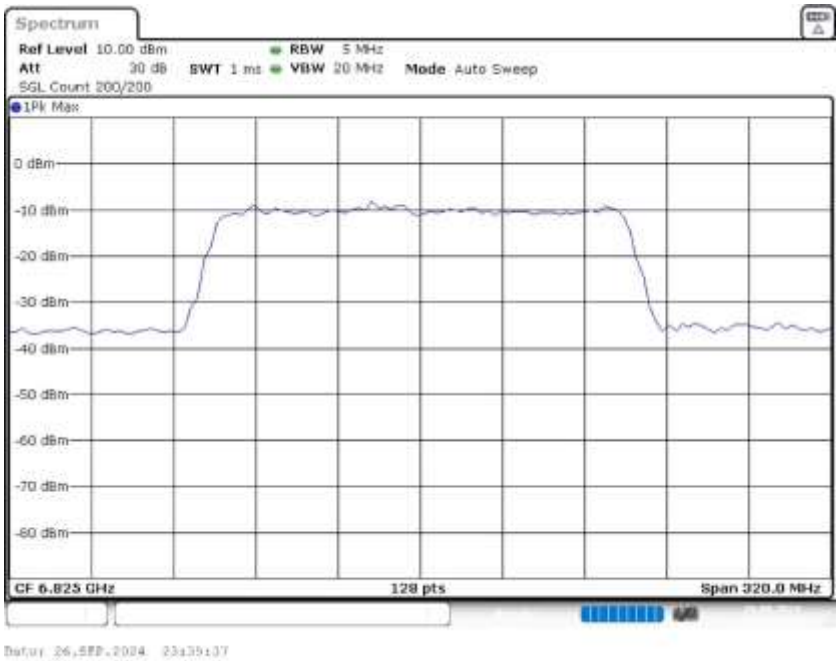
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6825.000000	162.500000	131.250000	31.250000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6825.000000	6743.750000	5925.000000	6906.250000	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	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
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 (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

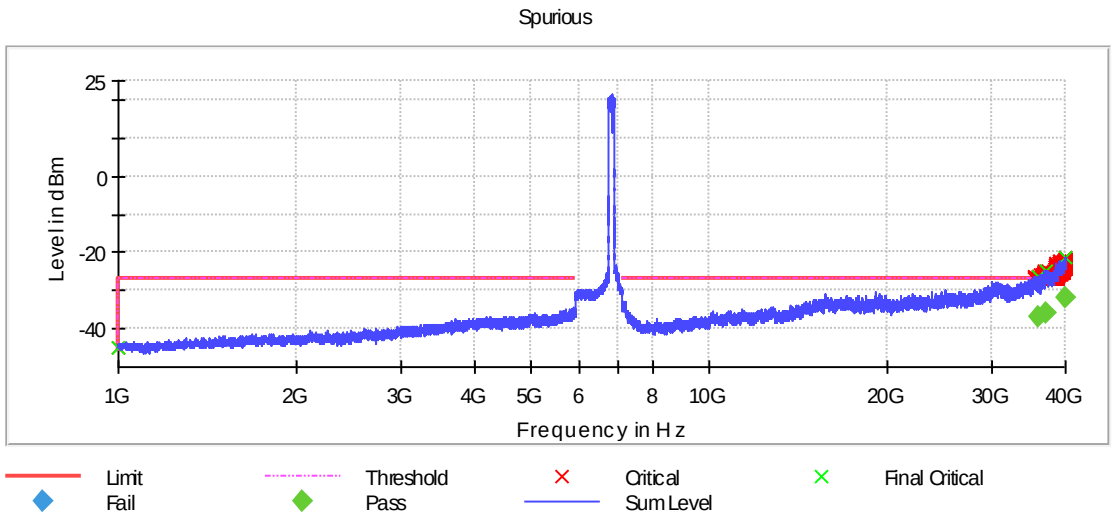
1000.000000	-45.0	-57.6	-45.9	11.7	PASS
35866.250000	-26.5	-37.1	-27.0	10.1	PASS
36982.250000	-24.9	-35.8	-27.0	8.8	PASS
39952.750000	-21.2	-31.9	-27.0	4.9	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39952.750000	-21.2	-5.8	-27.0
39970.750000	-21.4	-5.6	-27.0
39977.250000	-21.6	-5.4	-27.0
39982.750000	-21.7	-5.3	-27.0
39968.750000	-21.8	-5.2	-27.0
39992.750000	-21.8	-5.2	-27.0
39937.750000	-21.8	-5.2	-27.0
39975.750000	-21.8	-5.2	-27.0
39978.750000	-21.8	-5.2	-27.0
39986.250000	-21.9	-5.1	-27.0
39921.750000	-21.9	-5.1	-27.0
39979.250000	-21.9	-5.1	-27.0
39958.750000	-21.9	-5.1	-27.0
39987.250000	-21.9	-5.1	-27.0
39939.250000	-21.9	-5.1	-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

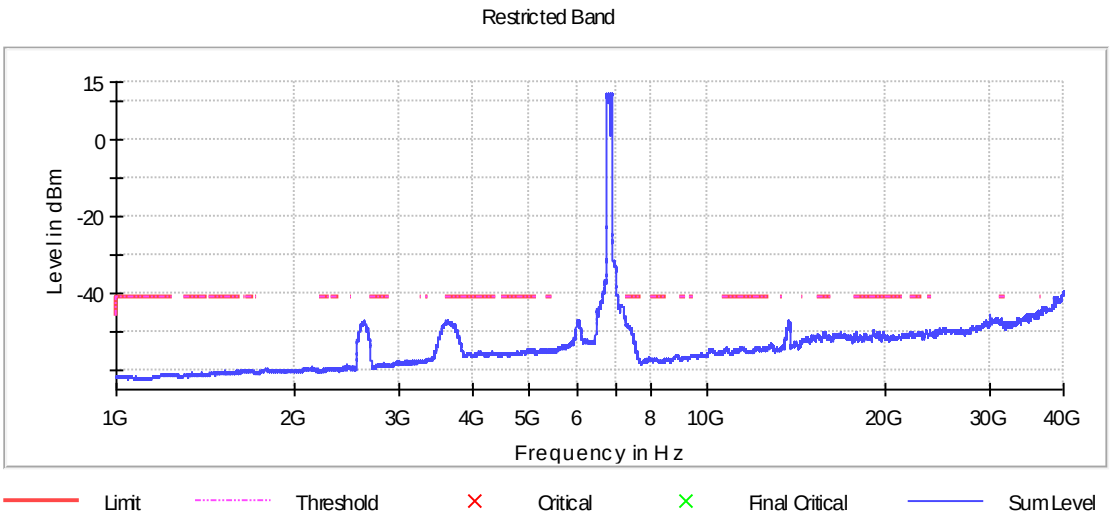
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36496.953220	-44.7	3.5	-41.2
36494.890785	-44.8	3.6	-41.2
36498.328177	-44.8	3.6	-41.2
36490.078435	-44.9	3.7	-41.2
36492.828349	-44.9	3.7	-41.2
36483.891128	-44.9	3.7	-41.2
36479.078779	-44.9	3.7	-41.2
36491.453392	-44.9	3.7	-41.2
36497.640699	-44.9	3.7	-41.2
36499.015656	-44.9	3.7	-41.2
36470.829037	-44.9	3.7	-41.2
36487.328521	-44.9	3.7	-41.2
36481.828693	-44.9	3.7	-41.2
36458.454423	-44.9	3.7	-41.2
36468.766601	-44.9	3.7	-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
---	---	---	---	---	---

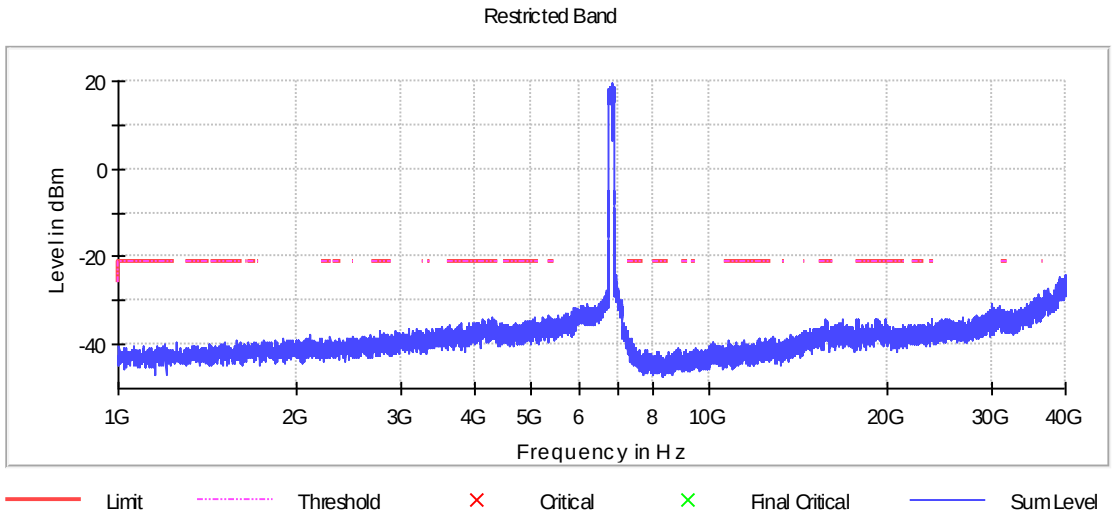
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36499.703134	-29.8	8.6	-21.2
36479.078779	-30.0	8.8	-21.2
36490.078435	-30.0	8.8	-21.2
36497.640699	-30.2	9.0	-21.2
36468.079123	-30.4	9.2	-21.2
36485.266085	-30.5	9.3	-21.2
36470.829037	-30.5	9.3	-21.2
36455.704509	-30.6	9.4	-21.2
36496.953220	-30.7	9.5	-21.2
36443.329896	-30.7	9.5	-21.2
36456.391988	-30.7	9.5	-21.2

36444.704853	-30.7	9.5	-21.2
36471.516515	-30.8	9.6	-21.2
36490.765914	-30.8	9.6	-21.2
36430.267804	-30.8	9.6	-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



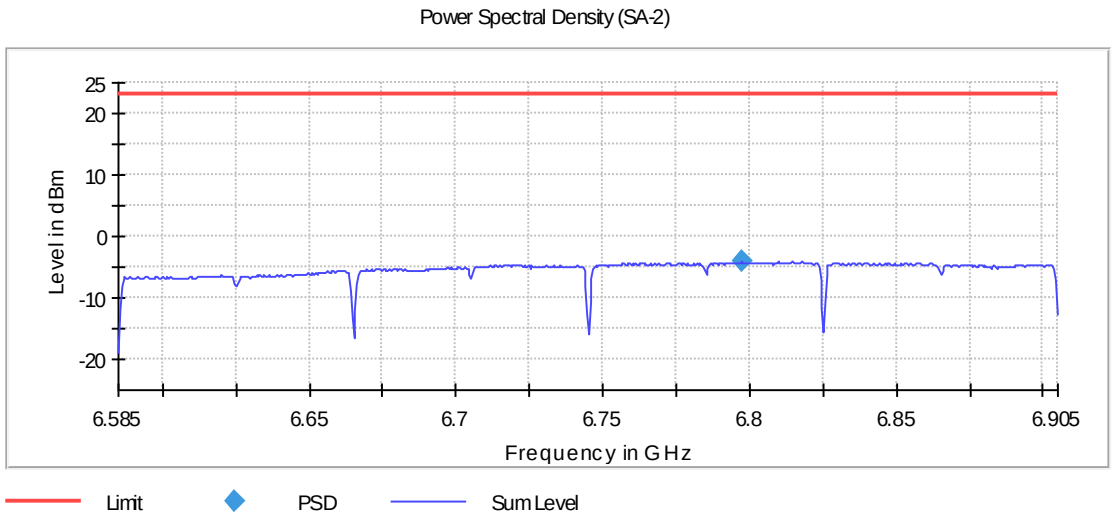
Power Spectral Density (SA-2) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6745.000000	6797.250000	-4.116	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



In-Band Emissions (6745 MHz; 24.000 dBm; 320 MHz)

Result

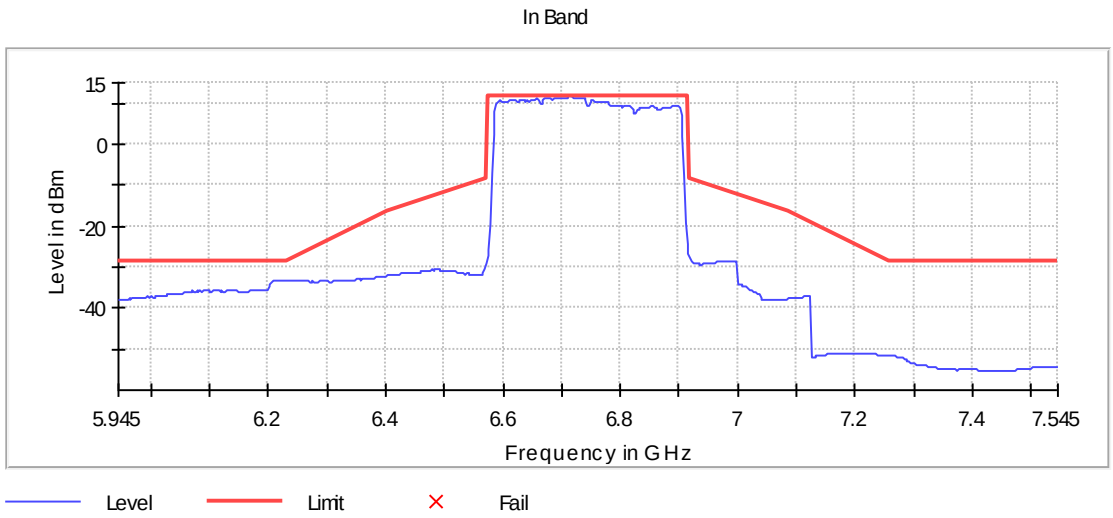
DUT Frequency (MHz)	Result
6745.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6713.750000	11.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6713.750000	11.6	0.0	11.6	PASS
6711.250000	11.5	0.0	11.6	PASS
6716.250000	11.5	0.1	11.6	PASS
6733.750000	11.5	0.1	11.6	PASS
6693.750000	11.4	0.1	11.6	PASS
6696.250000	11.4	0.1	11.6	PASS
6673.750000	11.4	0.2	11.6	PASS
6691.250000	11.4	0.2	11.6	PASS
6718.750000	11.4	0.2	11.6	PASS
6731.250000	11.4	0.2	11.6	PASS
6728.750000	11.4	0.2	11.6	PASS
6671.250000	11.4	0.2	11.6	PASS
6698.750000	11.3	0.2	11.6	PASS
6676.250000	11.3	0.2	11.6	PASS
6708.750000	11.3	0.2	11.6	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	5.94500 GHz	5.94500 GHz
Stop Frequency	7.54500 GHz	7.54500 GHz
Span	1.600 GHz	1.600 GHz
RBW	5.000 MHz	~ 5.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	640	~ 640
Sweeptime	6.400 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

Tx Spurious Emission (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6745.000000	PASS

Final measurements

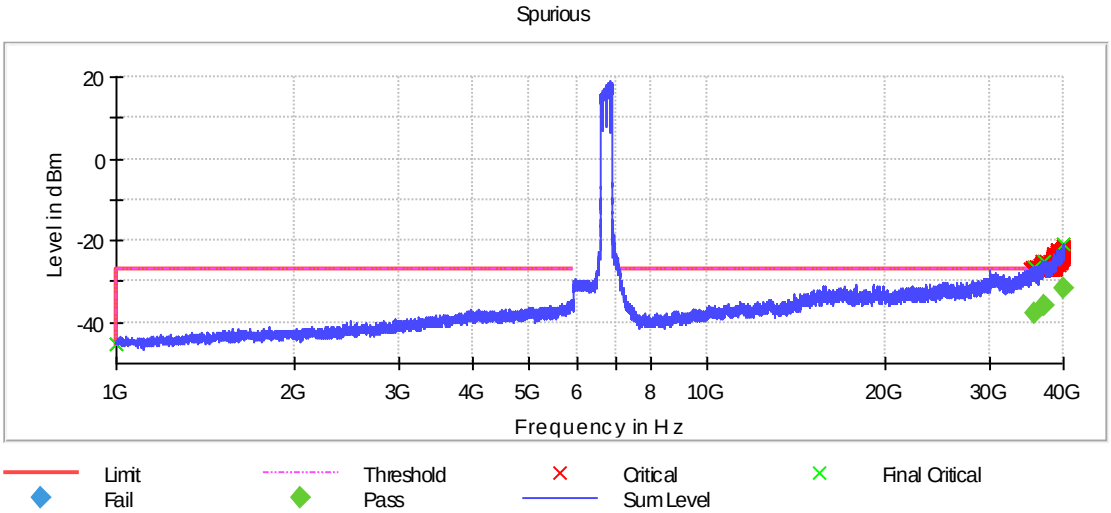
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
1000.000000	-45.2	-57.5	-45.9	11.6	PASS
35842.750000	-26.3	-37.6	-27.0	10.6	PASS
36978.750000	-24.9	-35.8	-27.0	8.8	PASS
39982.250000	-21.0	-31.8	-27.0	4.8	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39982.250000	-21.0	-6.0	-27.0
39972.750000	-21.1	-5.9	-27.0
39979.750000	-21.5	-5.5	-27.0
39999.250000	-21.6	-5.4	-27.0
39950.250000	-21.6	-5.4	-27.0
39973.250000	-21.6	-5.4	-27.0
39940.750000	-21.7	-5.3	-27.0
39965.250000	-21.7	-5.3	-27.0
39974.250000	-21.8	-5.2	-27.0
39956.750000	-21.8	-5.2	-27.0
39987.750000	-21.8	-5.2	-27.0
39948.250000	-21.8	-5.2	-27.0
39982.750000	-21.9	-5.1	-27.0
39980.250000	-21.9	-5.1	-27.0
39942.250000	-21.9	-5.1	-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) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6745.000000	PASS

Final measurements

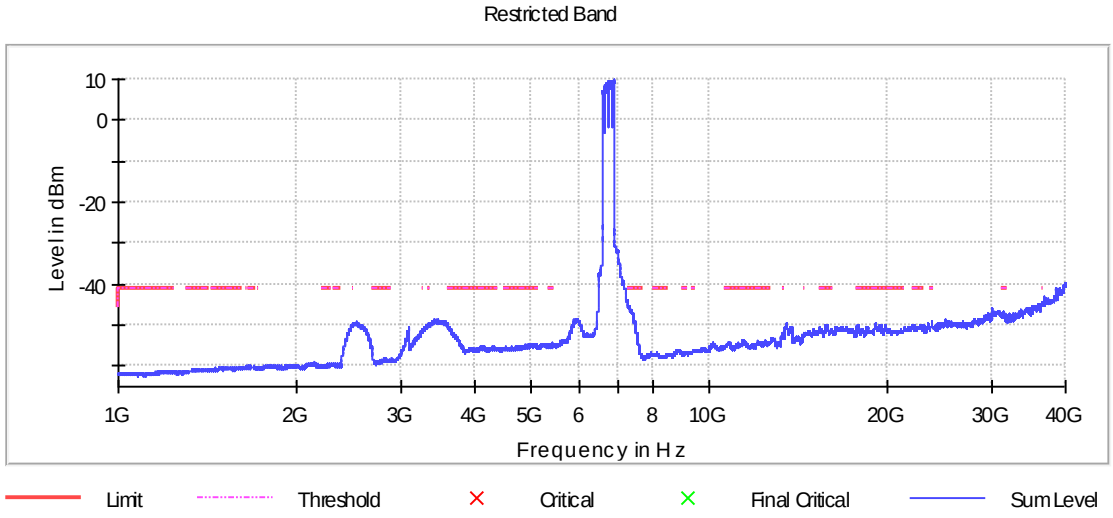
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7254.750000	-44.3	3.1	-41.2
7255.250000	-44.3	3.1	-41.2
7261.750000	-44.3	3.1	-41.2
7257.750000	-44.3	3.1	-41.2
7252.250000	-44.3	3.1	-41.2
7261.250000	-44.3	3.1	-41.2
7256.250000	-44.3	3.1	-41.2
7254.250000	-44.4	3.2	-41.2
7252.750000	-44.4	3.2	-41.2
7251.750000	-44.4	3.2	-41.2
7256.750000	-44.4	3.2	-41.2
7251.250000	-44.4	3.2	-41.2
7253.250000	-44.4	3.2	-41.2
7253.750000	-44.4	3.2	-41.2
7257.250000	-44.5	3.3	-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) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6745.000000	PASS

Final measurements

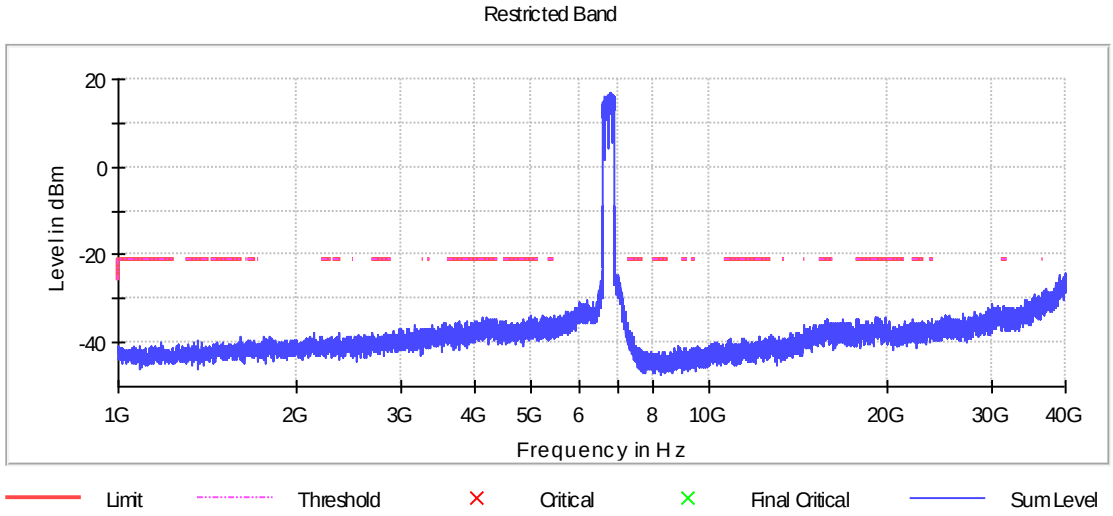
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36494.890785	-29.0	7.8	-21.2
36492.140871	-30.1	8.9	-21.2
36481.828693	-30.3	9.1	-21.2
36462.579294	-30.3	9.1	-21.2
36433.705197	-30.4	9.2	-21.2
36455.704509	-30.4	9.2	-21.2
36481.141214	-30.4	9.2	-21.2
36489.390957	-30.5	9.3	-21.2
36457.079466	-30.5	9.3	-21.2
36455.017031	-30.6	9.4	-21.2
36445.392331	-30.6	9.4	-21.2
36470.141558	-30.6	9.4	-21.2
36451.579638	-30.7	9.5	-21.2
36496.953220	-30.8	9.6	-21.2
36452.954595	-30.8	9.6	-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



Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
In-Band Emissions	6595.000	24.0	20.000000	PASS
In-Band Emissions	6715.000	24.0	20.000000	PASS
In-Band Emissions	6855.000	24.0	20.000000	PASS
In-Band Emissions	6665.000	24.0	160.000000	PASS
In-Band Emissions	6825.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6745.000	24.0	320.000000	FAIL
Occupied Channel Bandwidth 99%	6745.000	24.0	320.000000	PASS

In-Band Emissions (6595 MHz; 24.000 dBm; 20 MHz)

Result

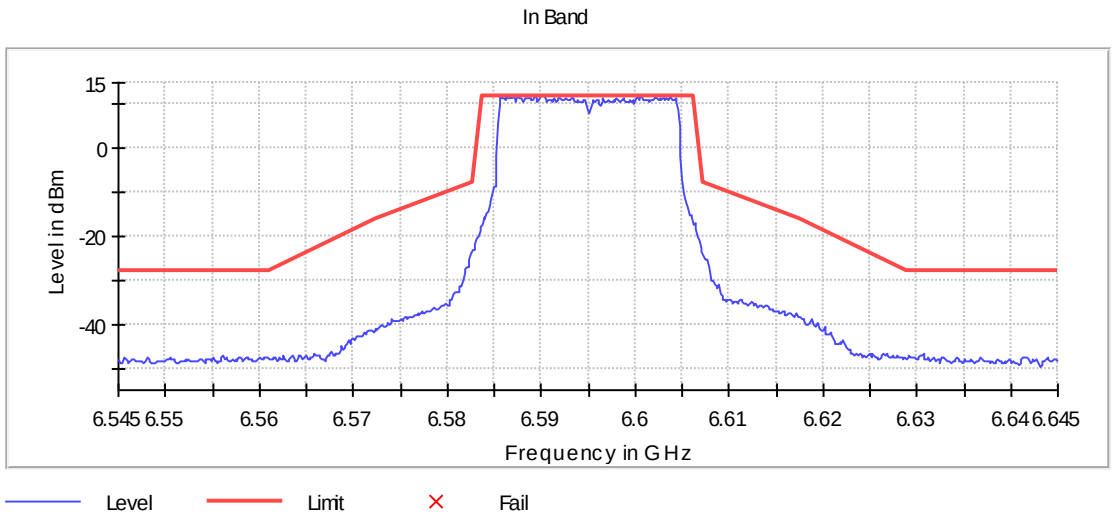
DUT Frequency (MHz)	Result
6595.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6587.053973	12.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6587.053973	12.1	0.0	12.1	PASS
6603.695652	12.1	0.0	12.1	PASS
6585.704648	12.1	0.1	12.1	PASS
6589.302849	12.0	0.1	12.1	PASS
6589.902549	12.0	0.2	12.1	PASS
6586.304348	12.0	0.2	12.1	PASS
6590.202399	11.9	0.2	12.1	PASS
6586.754123	11.9	0.2	12.1	PASS
6590.352324	11.9	0.3	12.1	PASS
6602.196402	11.9	0.3	12.1	PASS
6590.052474	11.9	0.3	12.1	PASS
6603.845577	11.8	0.3	12.1	PASS
6600.697151	11.8	0.4	12.1	PASS
6600.247376	11.8	0.4	12.1	PASS
6587.503748	11.7	0.4	12.1	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.54500 GHz	6.54500 GHz
Stop Frequency	6.64500 GHz	6.64500 GHz
Span	100.000 MHz	100.000 MHz
RBW	300.000 kHz	~ 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	667	~ 667
Sweeptime	1.100 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

In-Band Emissions (6715 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
6715.000000	PASS

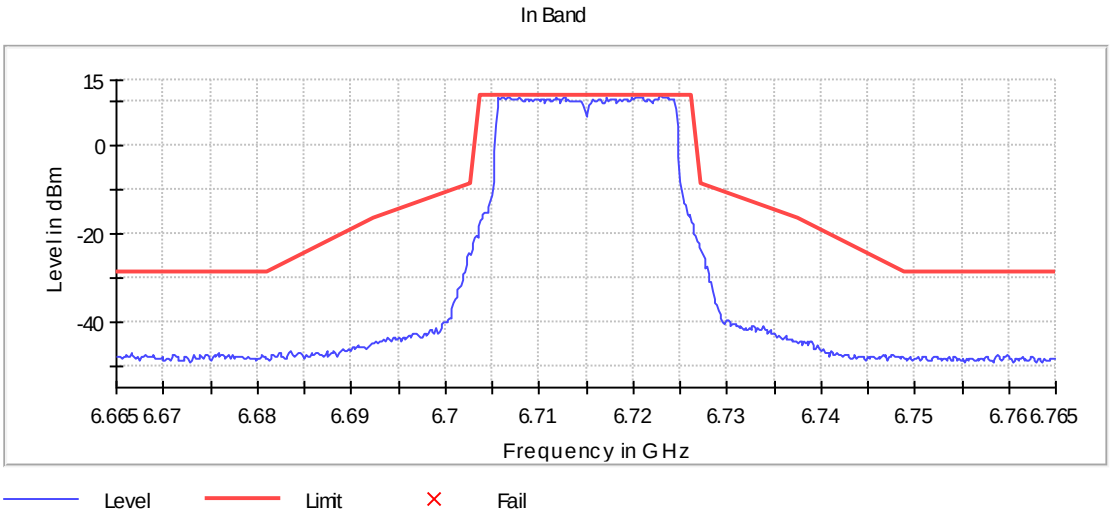
Inband Peak

Frequency (MHz)	Level (dBm)
6722.946027	11.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6706.904048	11.3	0.1	11.4	PASS
6722.796102	11.2	0.2	11.4	PASS
6706.154423	11.1	0.2	11.4	PASS

6719.947526	11.1	0.2	11.4	PASS
6706.304348	11.1	0.2	11.4	PASS
6720.547226	11.1	0.2	11.4	PASS
6707.803598	11.1	0.3	11.4	PASS
6707.953523	11.1	0.3	11.4	PASS
6712.601199	11.1	0.3	11.4	PASS
6720.247376	11.1	0.3	11.4	PASS
6723.545727	11.0	0.3	11.4	PASS
6723.095952	11.0	0.3	11.4	PASS
6723.695652	11.0	0.4	11.4	PASS
6720.997001	11.0	0.4	11.4	PASS
6706.754123	10.9	0.4	11.4	PASS



In-Band Emissions (6855 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
6855.000000	PASS

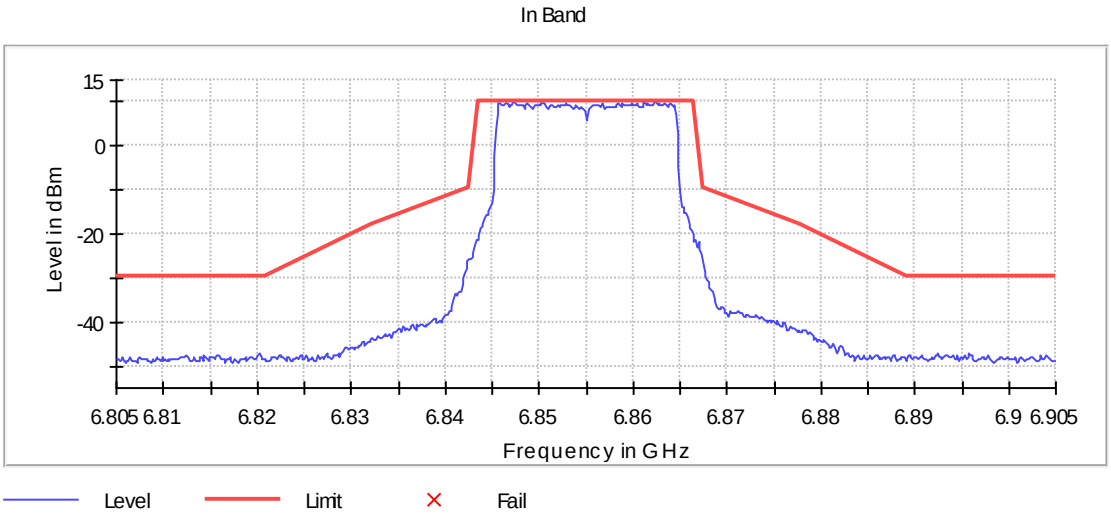
Inband Peak

Frequency (MHz)	Level (dBm)
6847.203898	10.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6847.203898	10.3	0.0	10.3	PASS
6861.146927	10.1	0.3	10.3	PASS
6847.353823	10.1	0.3	10.3	PASS
6862.346327	10.0	0.3	10.3	PASS
6862.496252	9.9	0.4	10.3	PASS
6861.596702	9.9	0.5	10.3	PASS
6862.796102	9.9	0.5	10.3	PASS
6863.395802	9.9	0.5	10.3	PASS
6863.995502	9.8	0.5	10.3	PASS

6846.454273	9.8	0.5	10.3	PASS
6848.703148	9.8	0.5	10.3	PASS
6861.296852	9.8	0.5	10.3	PASS
6850.202399	9.8	0.6	10.3	PASS
6850.502249	9.7	0.6	10.3	PASS
6845.854573	9.7	0.7	10.3	PASS



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

Result

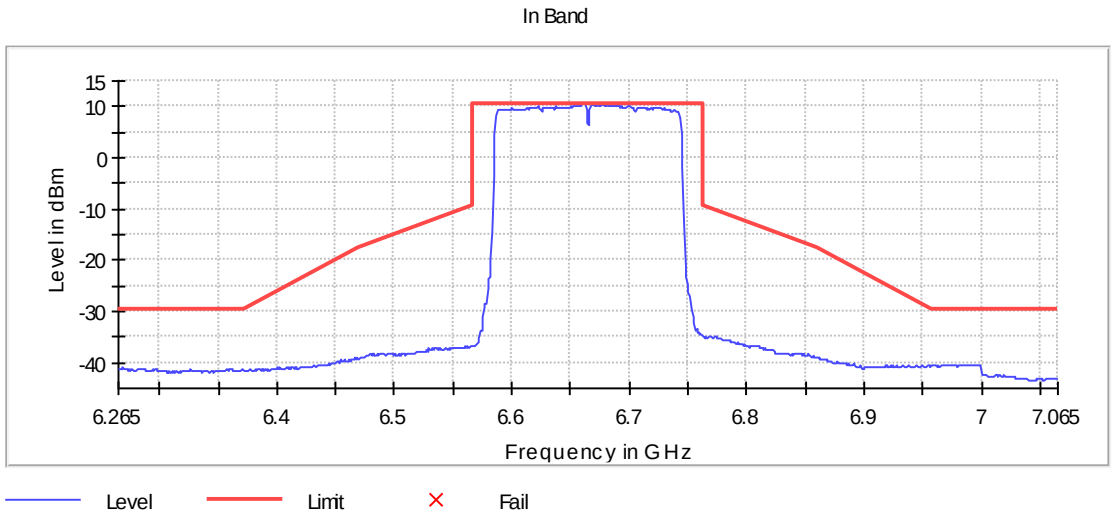
DUT Frequency (MHz)	Result
6665.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6660.500000	10.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6660.500000	10.4	0.0	10.4	PASS
6669.500000	10.4	0.0	10.4	PASS
6668.500000	10.4	0.1	10.4	PASS
6677.500000	10.4	0.1	10.4	PASS
6661.500000	10.4	0.1	10.4	PASS
6681.500000	10.4	0.1	10.4	PASS
6659.500000	10.4	0.1	10.4	PASS
6673.500000	10.3	0.1	10.4	PASS
6662.500000	10.3	0.1	10.4	PASS
6671.500000	10.3	0.1	10.4	PASS
6676.500000	10.3	0.1	10.4	PASS
6672.500000	10.3	0.1	10.4	PASS
6685.500000	10.3	0.2	10.4	PASS
6658.500000	10.3	0.2	10.4	PASS
6656.500000	10.3	0.2	10.4	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.26500 GHz	6.26500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	800.000 MHz	800.000 MHz
RBW	2.000 MHz	~ 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	800	~ 800
Sweeptime	4.000 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

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

Result

DUT Frequency (MHz)	Result
6825.000000	PASS

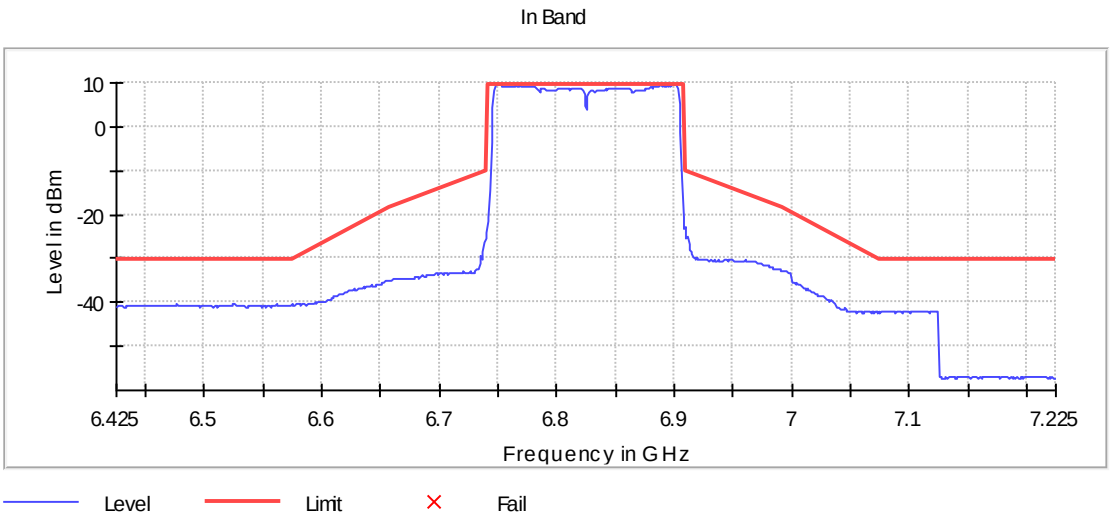
Inband Peak

Frequency (MHz)	Level (dBm)
6748.500000	9.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6748.500000	9.7	0.0	9.7	PASS
6901.500000	9.6	0.1	9.7	PASS
6747.500000	9.5	0.2	9.7	PASS

6749.500000	9.5	0.2	9.7	PASS
6900.500000	9.5	0.2	9.7	PASS
6894.500000	9.5	0.2	9.7	PASS
6752.500000	9.5	0.2	9.7	PASS
6765.500000	9.4	0.3	9.7	PASS
6888.500000	9.4	0.3	9.7	PASS
6899.500000	9.4	0.3	9.7	PASS
6751.500000	9.4	0.3	9.7	PASS
6898.500000	9.4	0.3	9.7	PASS
6902.500000	9.4	0.3	9.7	PASS
6896.500000	9.4	0.3	9.7	PASS
6891.500000	9.4	0.3	9.7	PASS



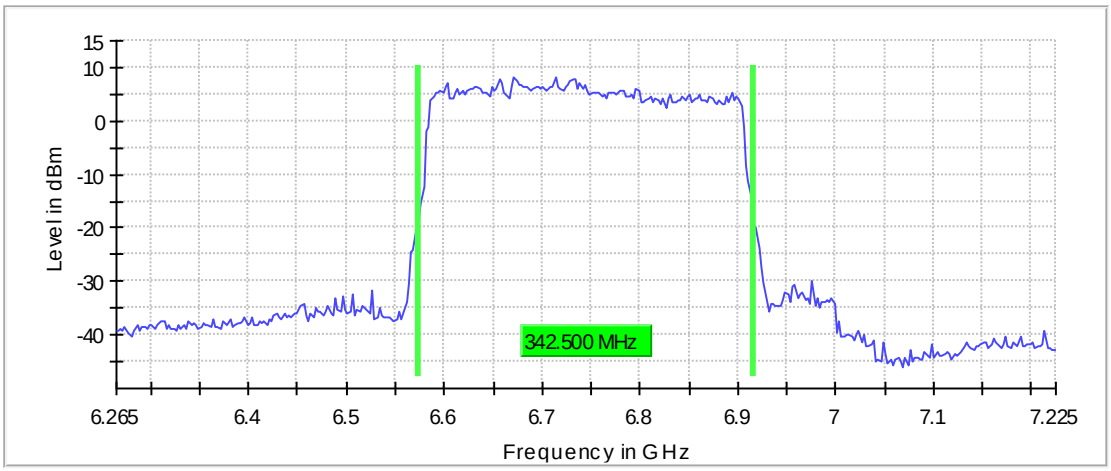
Emission Bandwidth 26 dB (6745 MHz; 24.000 dBm; 320 MHz)

26 dB Bandwidth

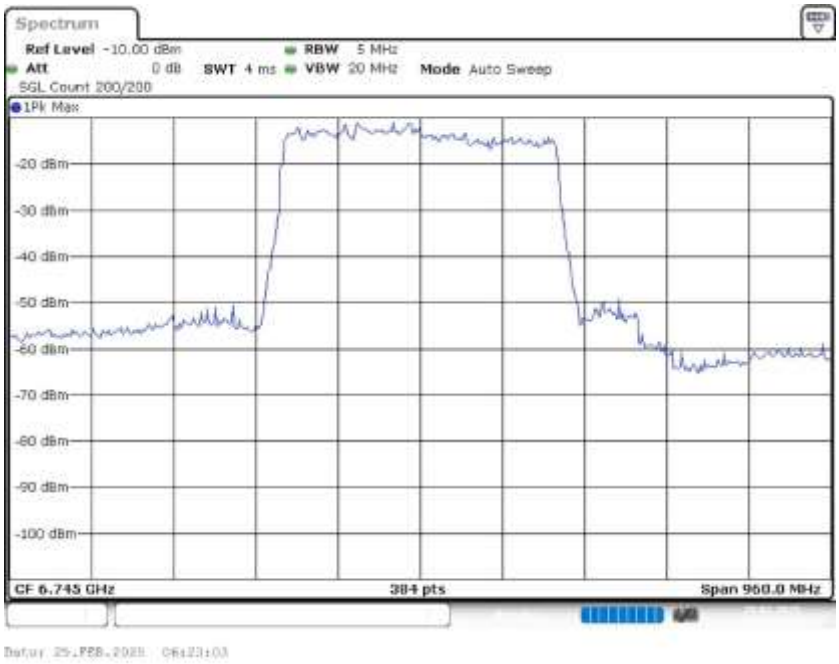
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6745.000000	342.500000	301.250000	41.250000	---	320.000000

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
6745.000000	6573.750000	---	6916.250000	---	8.2	FAIL

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.26500 GHz	6.26500 GHz
Stop Frequency	7.22500 GHz	7.22500 GHz
Span	960.000 MHz	960.000 MHz
RBW	5.000 MHz	~ 5.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	384	~ 384
Sweeptime	4.000 ms	AUTO
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 dB	0.000 dB

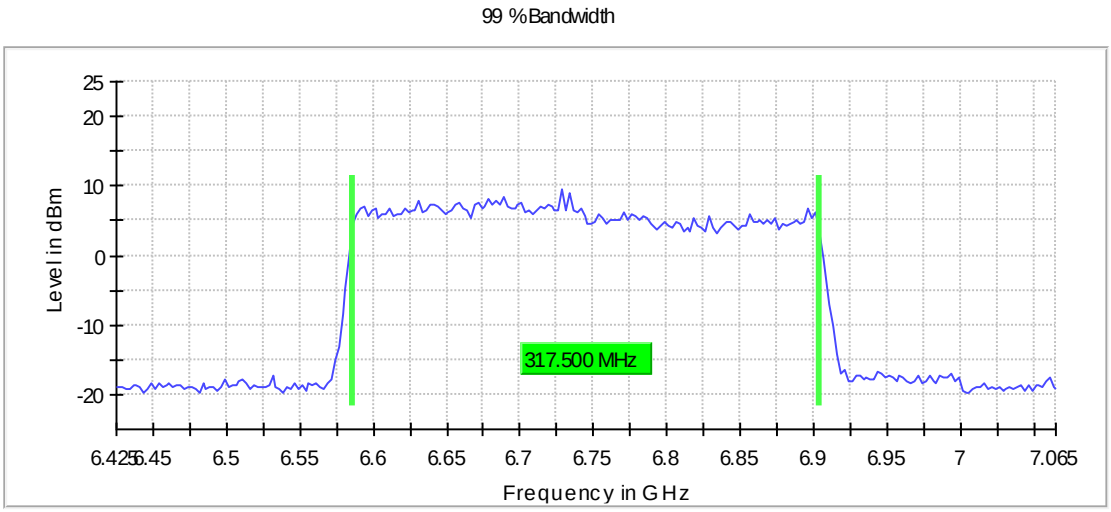
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Occupied Channel Bandwidth 99% (6745 MHz; 24.000 dBm; 320 MHz)

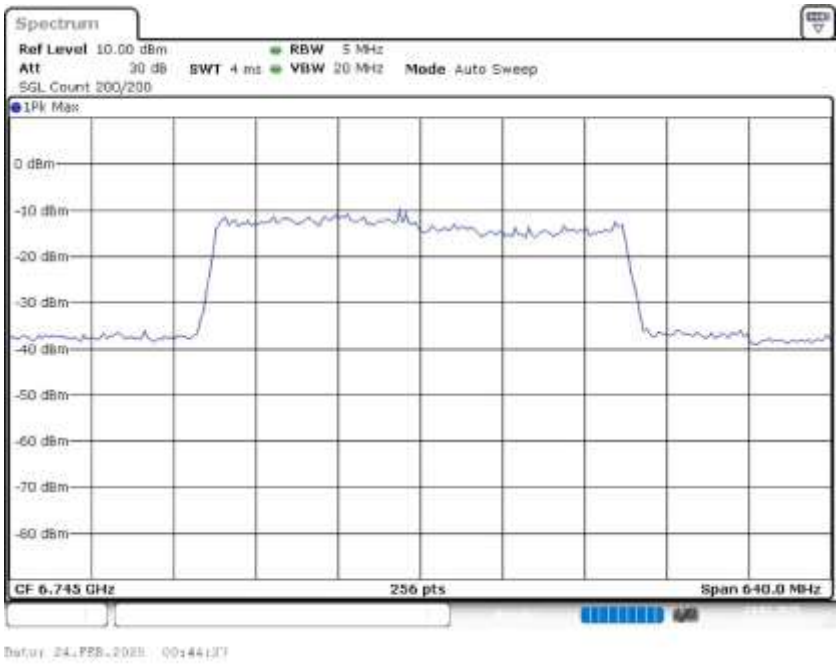
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 7 (MHz)	Bandwidth U-NII 8 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6745.000000	317.500000	288.750000	28.750000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6745.000000	6586.250000	5925.000000	6903.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.42500 GHz	6.42500 GHz
Stop Frequency	7.06500 GHz	7.06500 GHz
Span	640.000 MHz	640.000 MHz
RBW	5.000 MHz	>= 3.556 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	256	~ 256
Sweeptime	4.000 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

Summary

Test	Frequency (MHz)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6715.000	20.000000	PASS
Power Spectral Density (SA-2)(2)	6715.000	20.000000	PASS
Power Spectral Density (SA-2)	6725.000	40.000000	PASS
Power Spectral Density (SA-2)(2)	6725.000	40.000000	PASS
Power Spectral Density (SA-2)	6705.000	80.000000	PASS
Power Spectral Density (SA-2)(2)	6705.000	80.000000	PASS
Power Spectral Density (SA-2)	6665.000	160.000000	PASS
Power Spectral Density (SA-2)(2)	6665.000	160.000000	PASS
Power Spectral Density (SA-2)	6745.000	320.000000	PASS
Power Spectral Density (SA-2)(2)	6745.000	320.000000	PASS

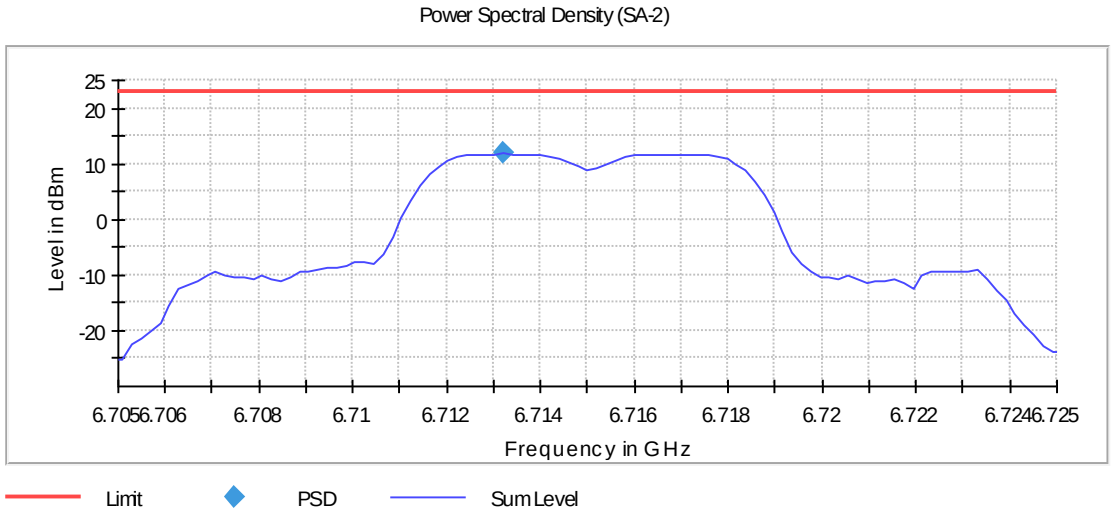
Power Spectral Density (SA-2) (6715 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6715.000000	6713.217822	11.817	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



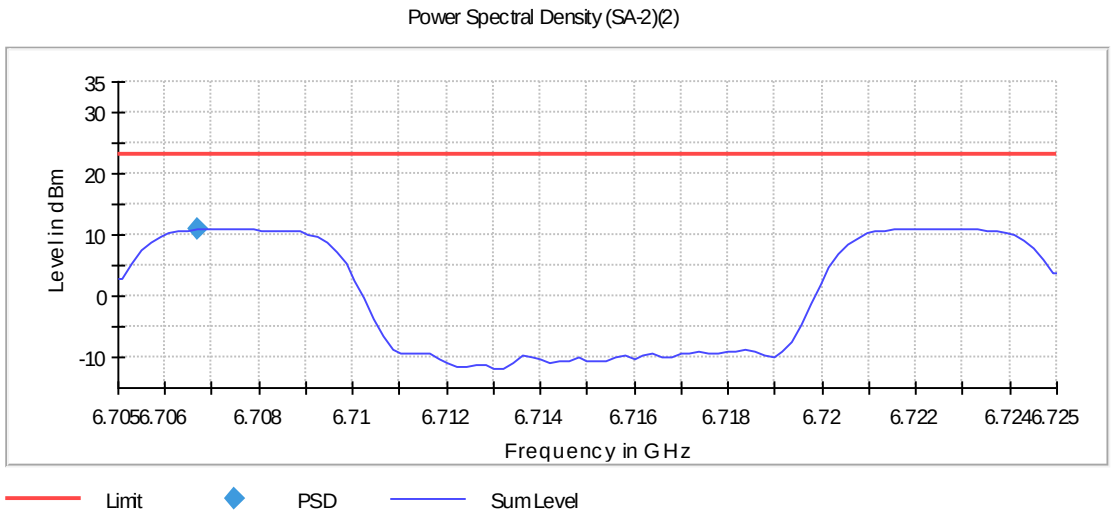
Power Spectral Density (SA-2)(2) (6715 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6715.000000	6706.683168	10.861	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



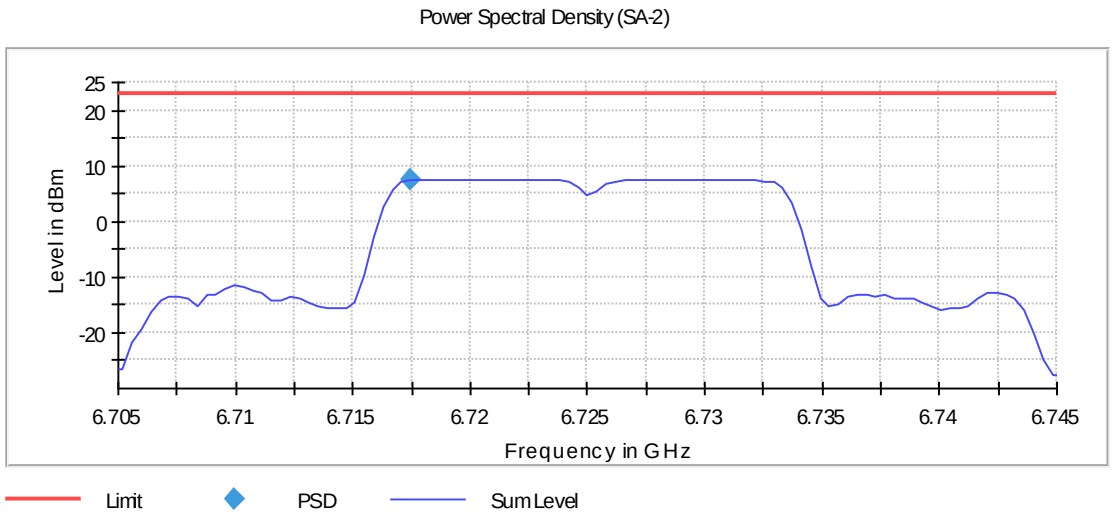
Power Spectral Density (SA-2) (6725 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6725.000000	6717.475248	7.539	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



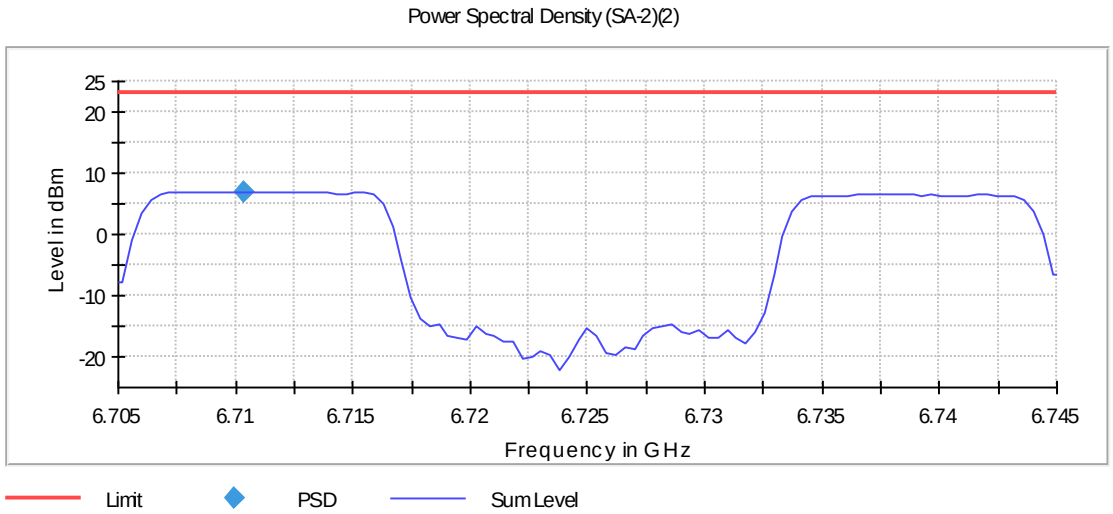
Power Spectral Density (SA-2)(2) (6725 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6725.000000	6710.346535	7.001	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



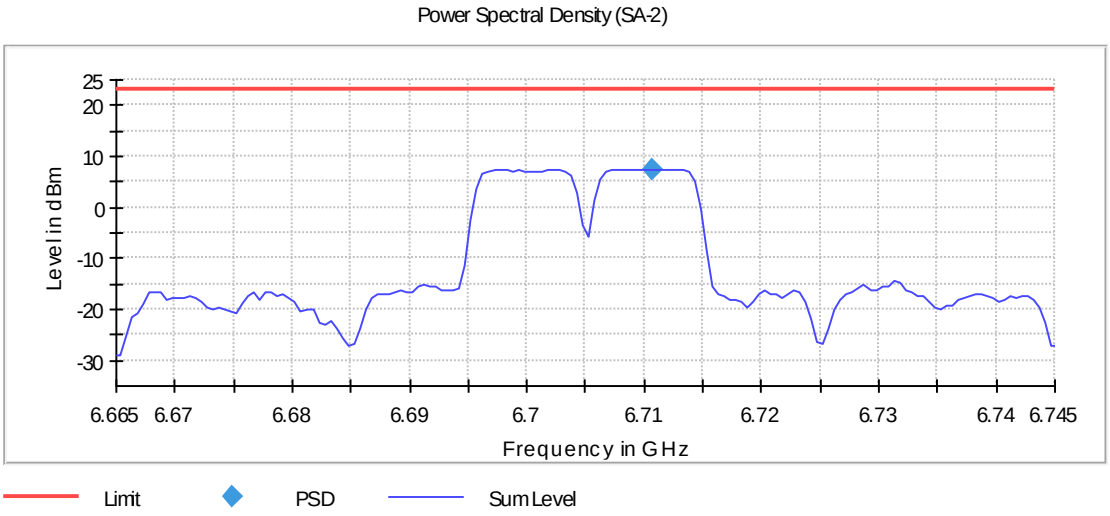
Power Spectral Density (SA-2) (6705 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6710.750000	7.507	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



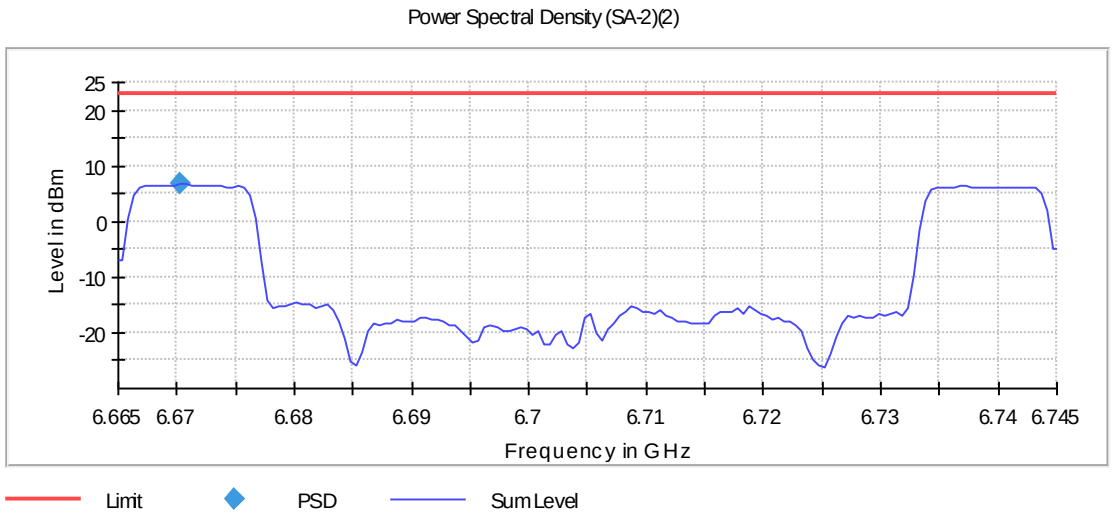
Power Spectral Density (SA-2)(2) (6705 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6705.000000	6670.250000	6.630	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



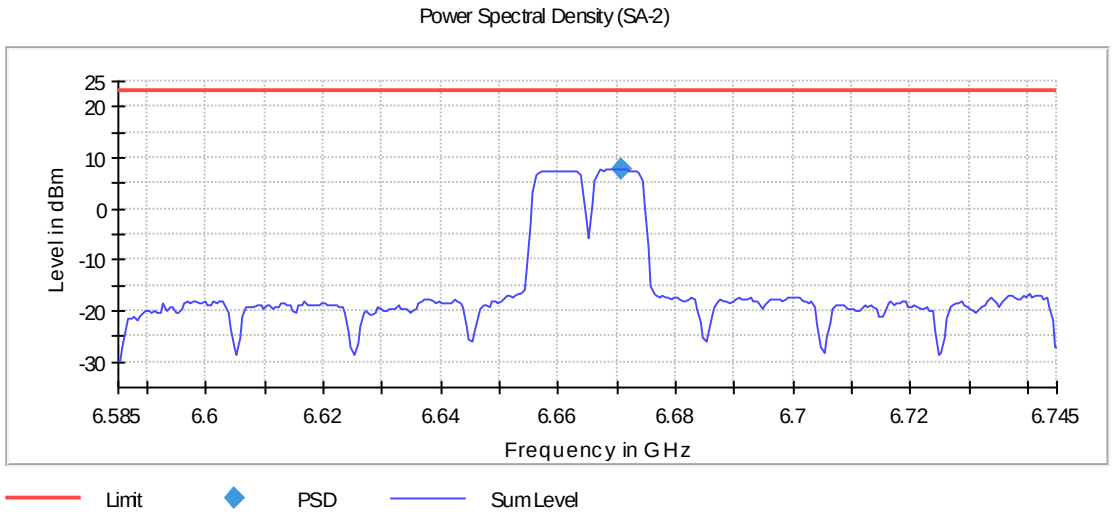
Power Spectral Density (SA-2) (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6670.750000	7.774	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



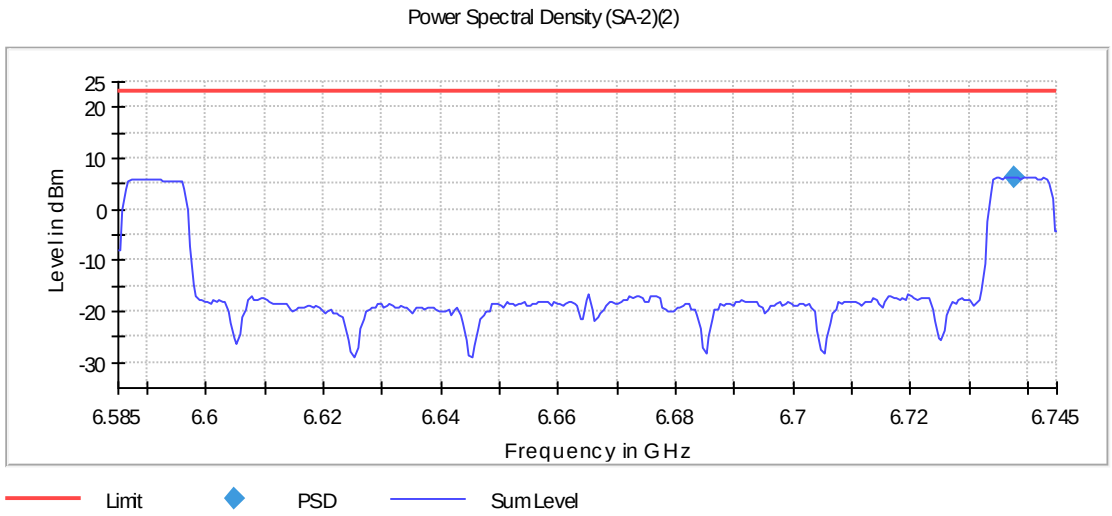
Power Spectral Density (SA-2)(2) (6665 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6665.000000	6737.750000	6.307	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



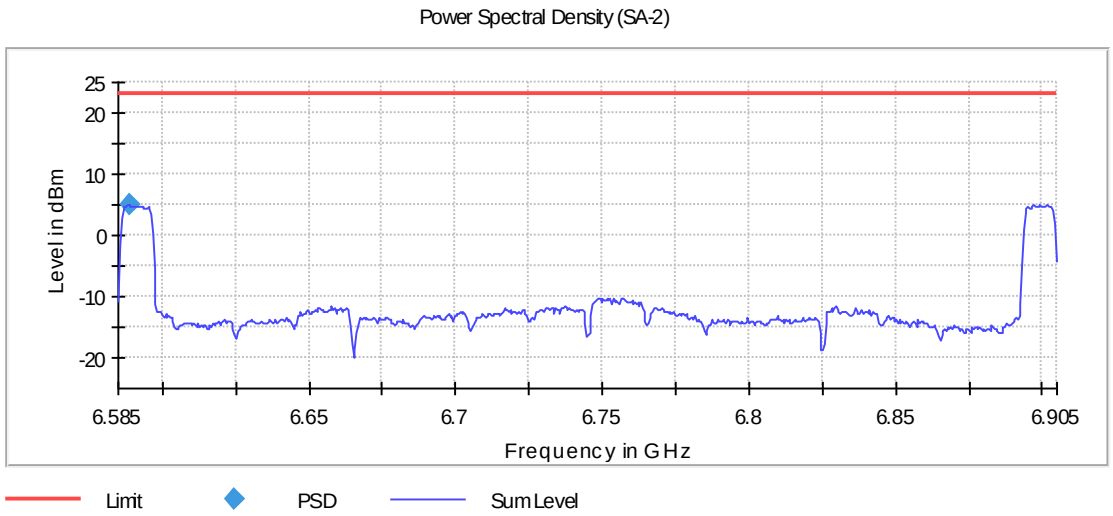
Power Spectral Density (SA-2) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6745.000000	6588.750000	5.116	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



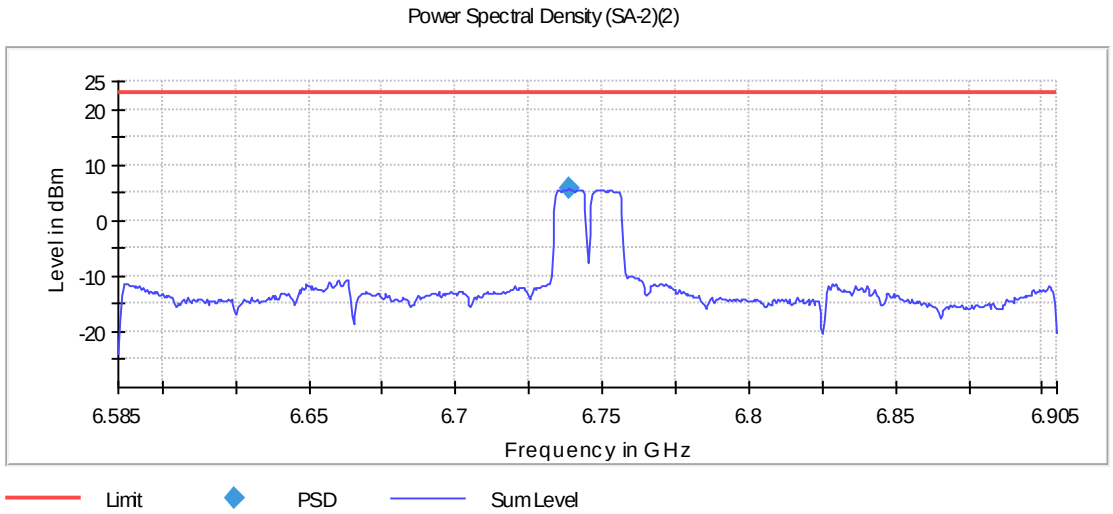
Power Spectral Density (SA-2)(2) (6745 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6745.000000	6738.750000	5.636	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



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