



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-U7MW
ISED ID	6545A-U7MW
Equipment Under Test	U7-Mesh-Wall
Test Report Serial Number	TR11393_01
Date of Tests	13 August 2026
Report Issue Date	29 September 2026

Test Personnel

Testing performed by	Evan Hartzell
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Test Location

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



Revision History		
Revision	Description	Date
01	Original Report Release	29 September 2026

Table of Contents

1	RF Conducted Thread	4
1.1	Thread Mode	4
1.2	Band Edge	27

1 RF Conducted Thread

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 Thread Mode

1.1.1 Summary

Test	Frequency (MHz)	Nominal Bandwidth (MHz)	Result
RF output power	2405.000	2.000000	PASS
Minimum Emission Bandwidth 6 dB	2405.000	2.000000	PASS
Peak Power Spectral Density	2405.000	2.000000	PASS
Occupied Channel Bandwidth 99%	2405.000	2.000000	PASS
Band Edge low	2405.000	2.000000	PASS
Tx Spurious Emission	2405.000	2.000000	PASS
Emissions in restricted frequency bands (Average)	2405.000	2.000000	PASS
Minimum Emission Bandwidth 6 dB	2440.000	2.000000	PASS
Peak Power Spectral Density	2440.000	2.000000	PASS
Occupied Channel Bandwidth 99%	2440.000	2.000000	PASS
Tx Spurious Emission	2440.000	2.000000	PASS
Emissions in restricted frequency bands (Average)	2440.000	2.000000	PASS
Minimum Emission Bandwidth 6 dB	2480.000	2.000000	PASS
Peak Power Spectral Density	2480.000	2.000000	PASS
Occupied Channel Bandwidth 99%	2480.000	2.000000	PASS
Band Edge high	2480.000	2.000000	PASS
Tx Spurious Emission	2480.000	2.000000	PASS
Emissions in restricted frequency bands (Average)	2480.000	2.000000	PASS

RF output power (2405 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2405.000000	6.2	30.0	9.2	43.947	PASS

OSP PowerMeter settings

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

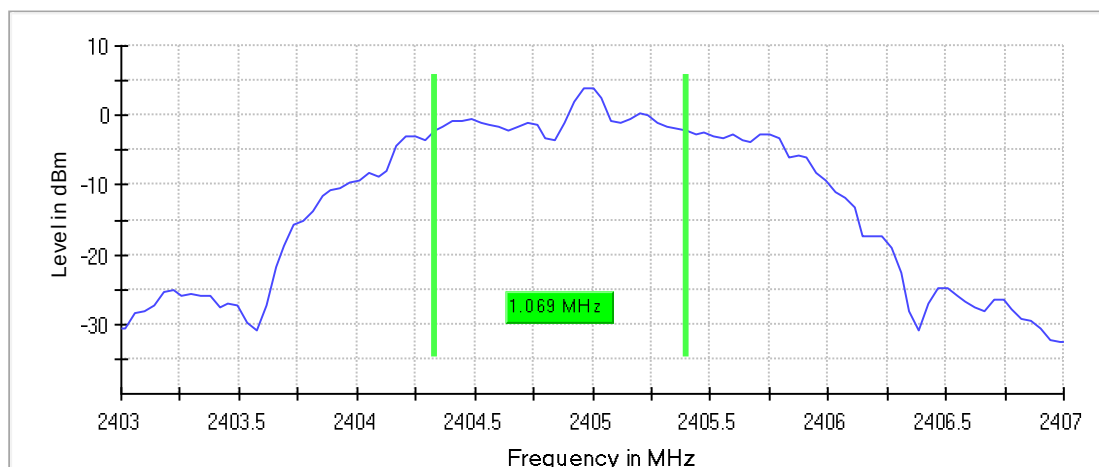
Minimum Emission Bandwidth 6 dB (2405 MHz; 15.000 dBm; 2 MHz)

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2405.000000	1.069307	0.500000	---	2404.326733	2405.396040

DUT Frequency (MHz)	Max Level (dBm)	Result
2405.000000	4.0	PASS

6 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40300 GHz	2.40300 GHz
Stop Frequency	2.40700 GHz	2.40700 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
SweepTime	18.938 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

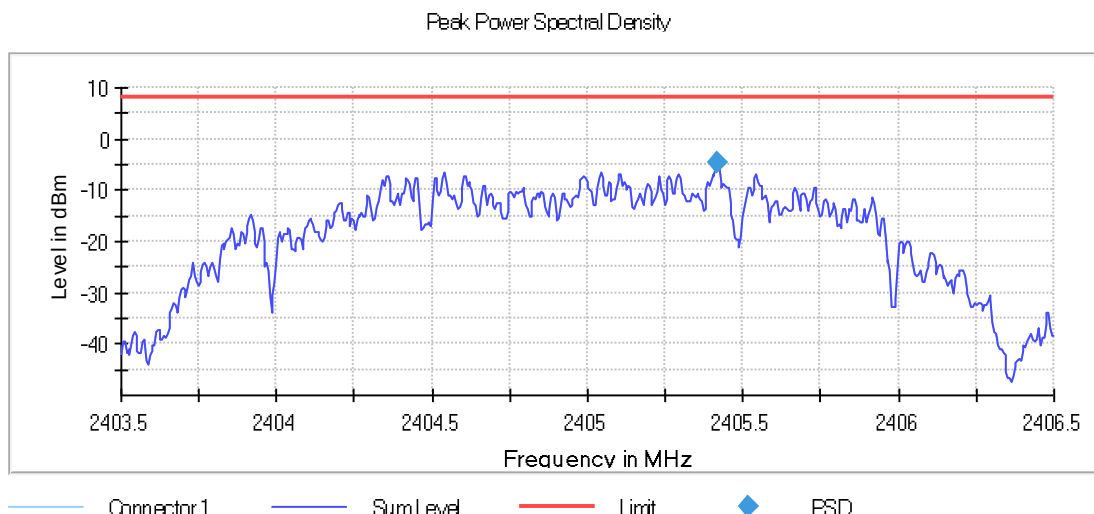
Peak Power Spectral Density (2405 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2405.000000	2405.417500	-4.652	8.0	PASS

Ports

Port	State
1	used



Measurement

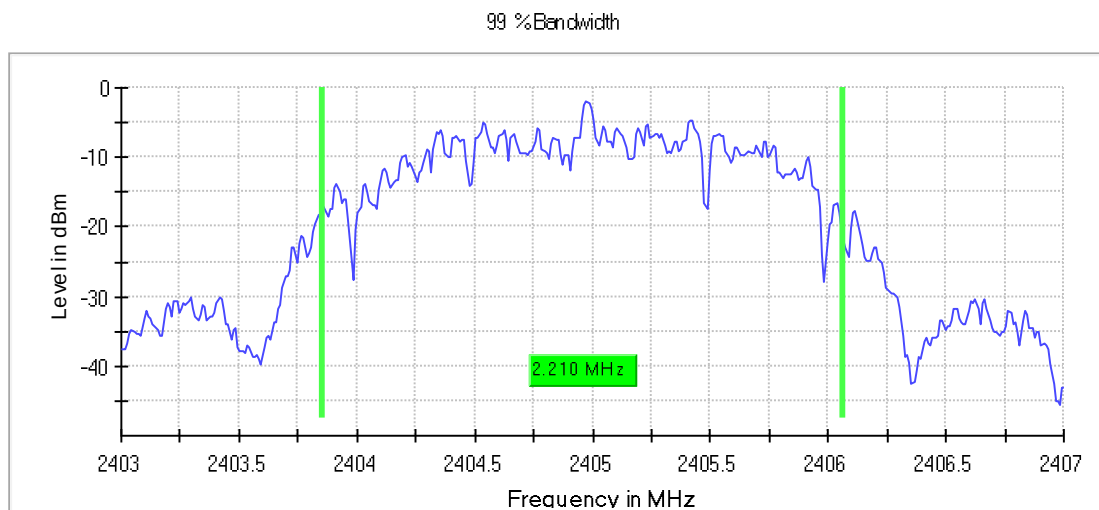
Setting	Instrument Value	Target Value
Start Frequency	2.40350 GHz	2.40350 GHz
Stop Frequency	2.40650 GHz	2.40650 GHz
Span	3.000 MHz	3.000 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	600	~ 600
Sweptime	3.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off

Occupied Channel Bandwidth 99% (2405 MHz; 15.000 dBm; 2 MHz)

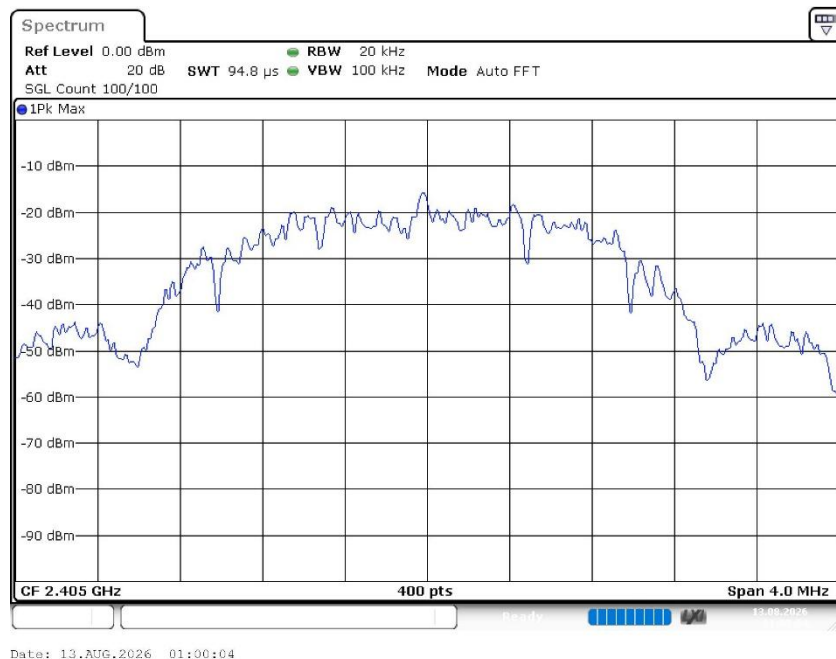
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2405.000000	2.210000	---	---	2403.855000	2406.065000

DUT Frequency (MHz)	Result
2405.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40300 GHz	2.40300 GHz
Stop Frequency	2.40700 GHz	2.40700 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweptime	94.824 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm

Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Band Edge low (2405 MHz; 15.000 dBm; 2 MHz)

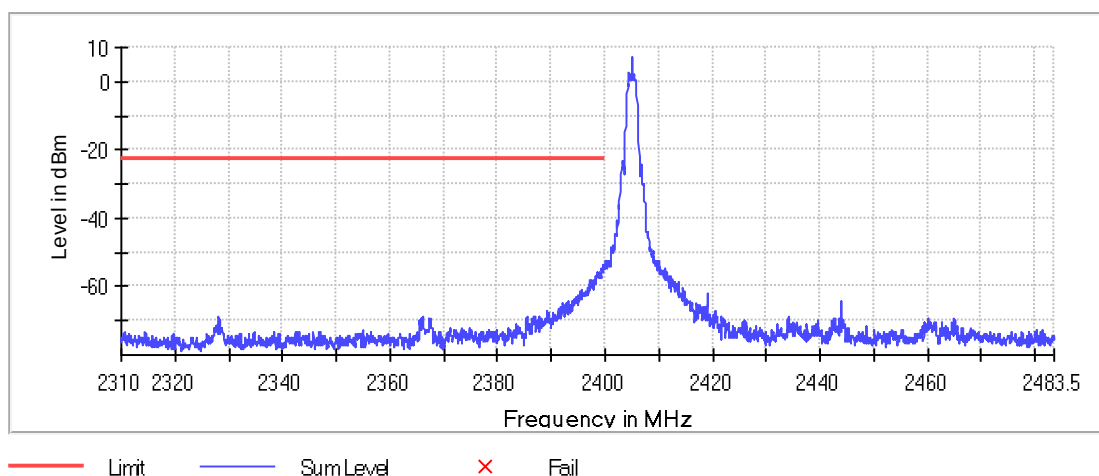
Result

DUT Frequency (MHz)	Result
2405.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2399.975000	-53.3	30.7	-22.6	PASS
2399.925000	-53.4	30.8	-22.6	PASS
2399.625000	-53.5	30.9	-22.6	PASS
2399.675000	-53.7	31.0	-22.6	PASS
2399.575000	-53.7	31.0	-22.6	PASS
2399.725000	-54.5	31.8	-22.6	PASS
2399.325000	-54.7	32.0	-22.6	PASS
2399.825000	-54.8	32.1	-22.6	PASS
2399.875000	-54.8	32.2	-22.6	PASS
2399.375000	-54.9	32.2	-22.6	PASS
2399.775000	-54.9	32.3	-22.6	PASS
2399.425000	-55.1	32.5	-22.6	PASS
2399.275000	-55.3	32.7	-22.6	PASS
2399.475000	-55.4	32.7	-22.6	PASS
2398.975000	-55.5	32.9	-22.6	PASS

Band Edge



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 μ s	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Measurement 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 μ s	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Tx Spurious Emission (2405 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2405.000000	PASS

Final measurements

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

Pre Measurements

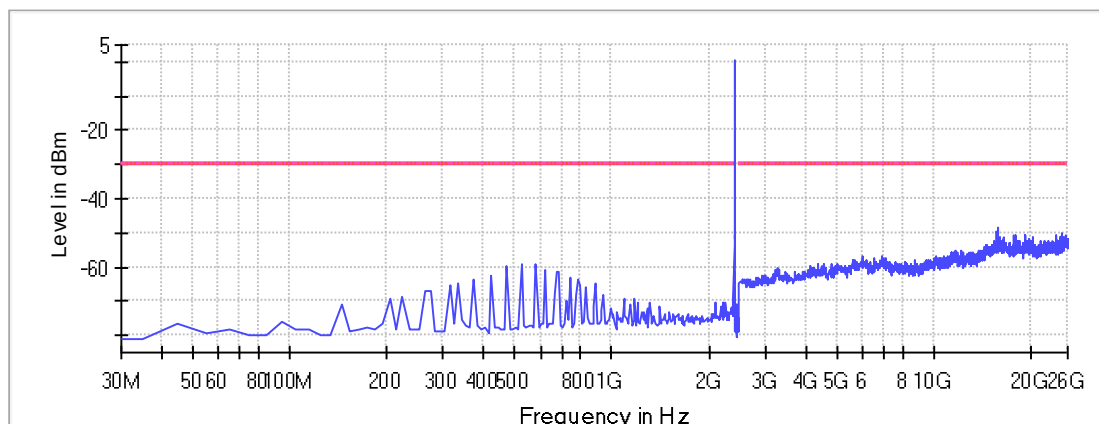
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
15710.906609	-48.7	18.9	-29.8
15720.900871	-48.9	19.1	-29.8
15690.918083	-49.5	19.7	-29.8

25055.542180	-49.9	20.1	-29.8
15740.889397	-50.1	20.3	-29.8
15730.895134	-50.3	20.5	-29.8
15680.923821	-50.3	20.5	-29.8
15700.912346	-50.4	20.7	-29.8
15670.929558	-50.5	20.7	-29.8
19098.961645	-50.5	20.8	-29.8
17809.701764	-50.5	20.8	-29.8
19118.950170	-50.5	20.8	-29.8
23996.150340	-50.6	20.9	-29.8
17799.707501	-50.7	20.9	-29.8
17759.730450	-50.7	20.9	-29.8

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	26000.000000	1	1

Spurious



— Limit — Sum Level — Threshold × Critical × Final Critical

Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	238	~ 238
SweepTime	23.700 ms	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Average) (2405 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2405.000000	PASS

Final measurements

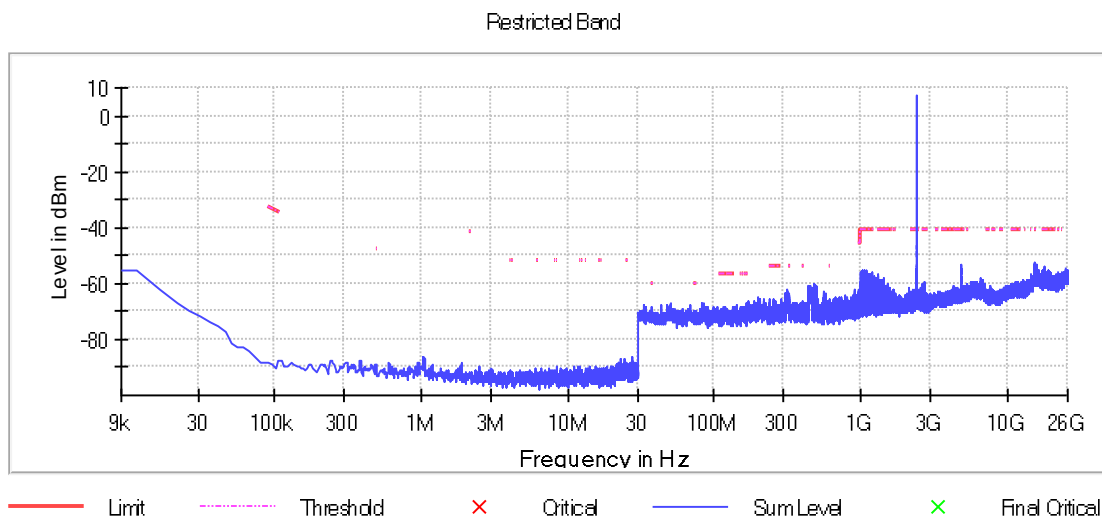
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
74.175000	-69.6	9.7	-59.9
73.525000	-69.8	9.9	-59.9
74.125000	-69.9	10.0	-59.9
73.575000	-70.0	10.1	-59.9
324.175000	-64.0	10.1	-53.9
170.075000	-66.6	10.2	-56.4
74.825000	-70.1	10.2	-59.9
75.025000	-70.1	10.2	-59.9
170.025000	-66.6	10.2	-56.4
73.025000	-70.1	10.2	-59.9
75.075000	-70.2	10.3	-59.9
169.025000	-66.8	10.4	-56.4
172.025000	-66.8	10.4	-56.4
74.225000	-70.3	10.4	-59.9
172.075000	-66.8	10.4	-56.4

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	7000.000000	1	1
7000.000000	26000.000000	1	1



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	≤ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	12000	~ 12000
SweepTime	12.000 ms	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	Average	Average
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	10.000 kHz	≤ 10.000 kHz
VBW	30.000 kHz	≥ 30.000 kHz
SweepPoints	5998	~ 5998
SweepTime	1.327 ms	AUTO
Reference Level	-20.000 dBm	-30.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

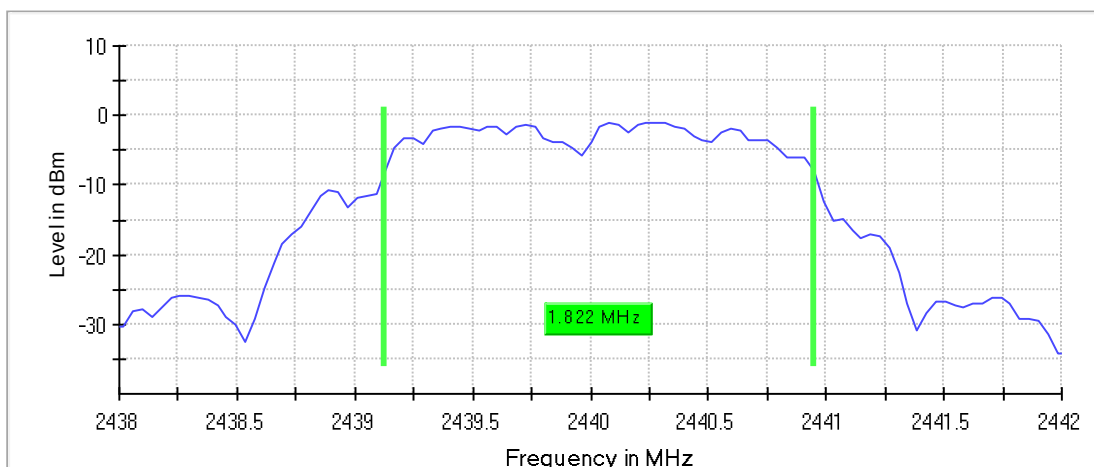
Minimum Emission Bandwidth 6 dB (2440 MHz; 15.000 dBm; 2 MHz)

6 dB Bandwidth

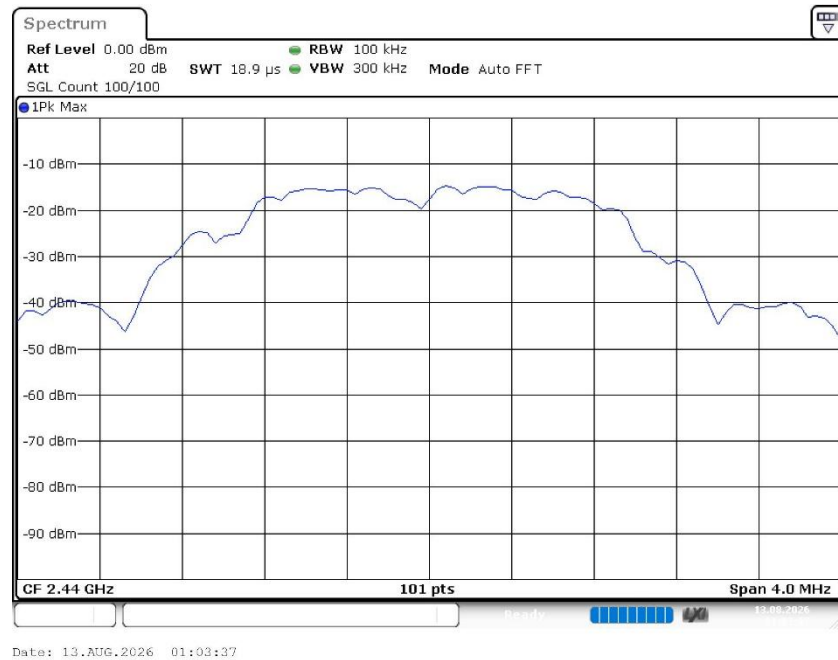
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.821782	0.500000	---	2439.128713	2440.950495

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	-1.0	PASS

6 dB Bandwidth



Bandwidth



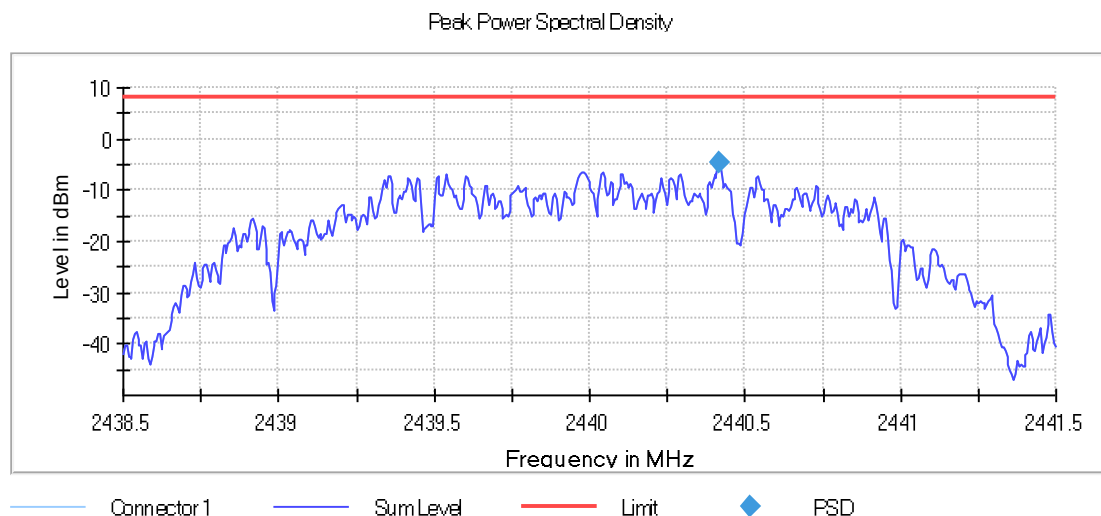
Peak Power Spectral Density (2440 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2440.000000	2440.417500	-4.711	8.0	PASS

Ports

Port	State
1	used



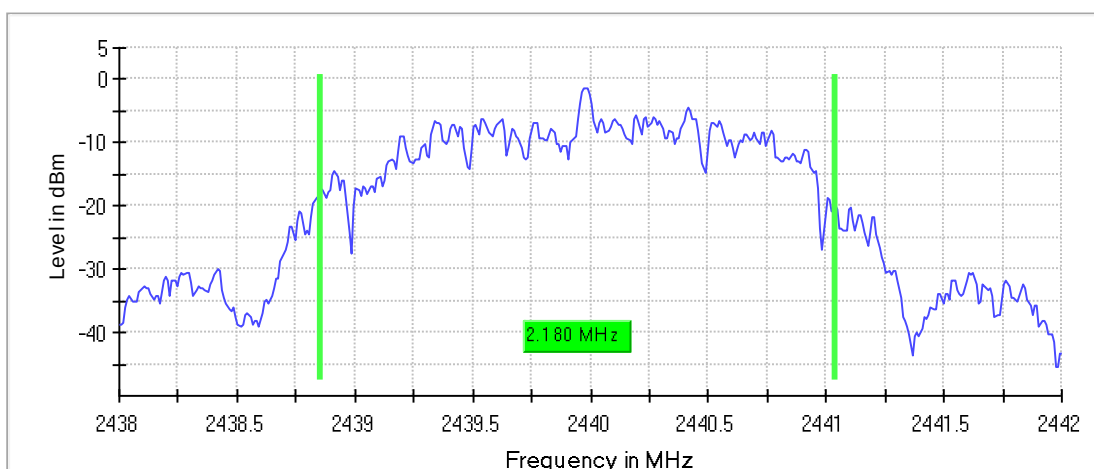
Occupied Channel Bandwidth 99% (2440 MHz; 15.000 dBm; 2 MHz)

99 % Bandwidth

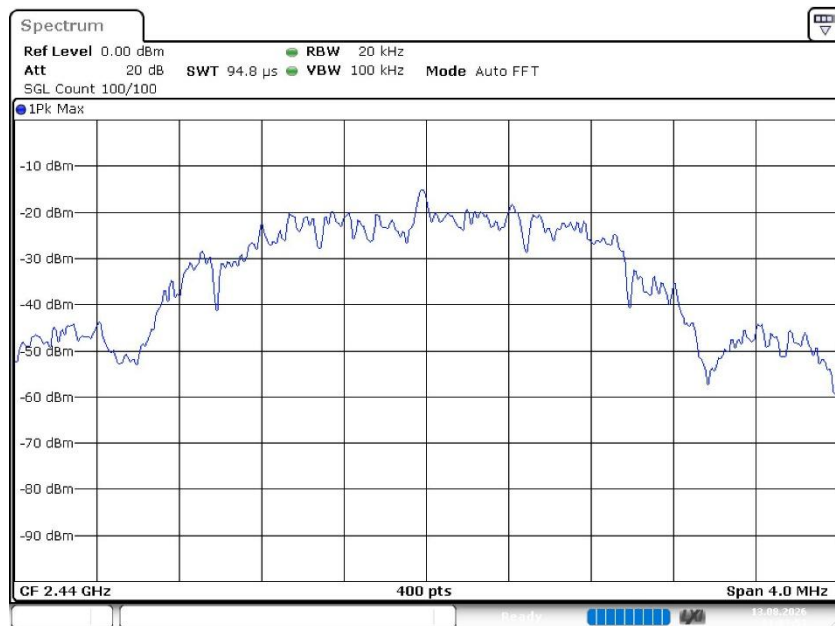
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	2.180000	---	---	2438.855000	2441.035000

DUT Frequency (MHz)	Result
2440.000000	PASS

99 % Bandwidth



Bandwidth



Date: 13.AUG.2026 01:03:53

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
SweepTime	94.824 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Tx Spurious Emission (2440 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2440.000000	PASS

Final measurements

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

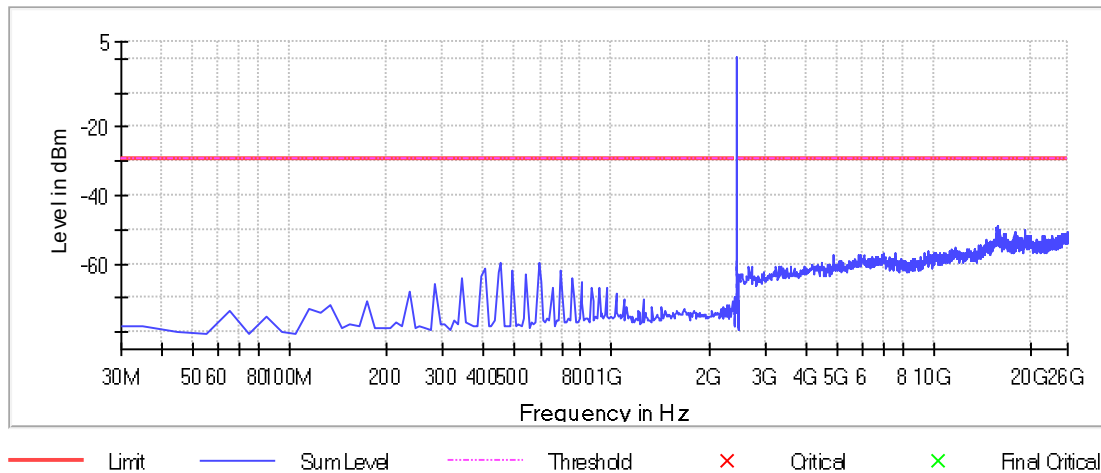
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
15700.912346	-49.0	19.5	-29.4
15730.895134	-49.2	19.7	-29.4
15690.918083	-49.5	20.0	-29.4
15670.929558	-49.8	20.4	-29.4
15740.889397	-49.9	20.5	-29.4
15770.872184	-49.9	20.5	-29.4
15680.923821	-50.0	20.6	-29.4
15850.826286	-50.1	20.7	-29.4
15750.883659	-50.2	20.8	-29.4
16040.717276	-50.3	20.9	-29.4
15720.900871	-50.3	20.9	-29.4
19158.927221	-50.3	20.9	-29.4
15820.843498	-50.6	21.1	-29.4
15710.906609	-50.6	21.2	-29.4
17809.701764	-50.8	21.4	-29.4

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	26000.000000	1	1

Spurious



Emissions in restricted frequency bands (Average) (2440 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2440.000000	PASS

Final measurements

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

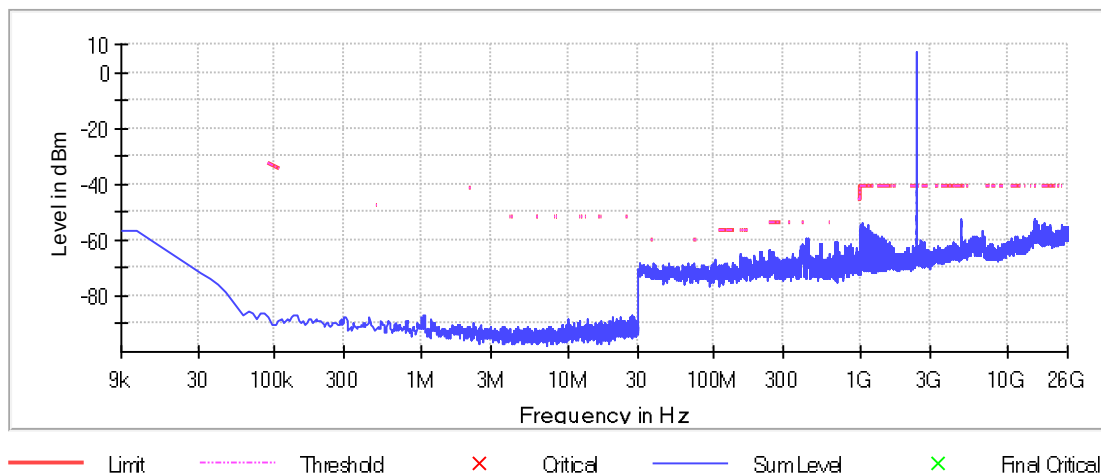
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
408.925000	-61.9	8.0	-53.9
408.875000	-62.0	8.1	-53.9
401.875000	-62.4	8.5	-53.9
38.225000	-68.4	8.5	-59.9
406.475000	-62.4	8.5	-53.9
403.875000	-62.5	8.6	-53.9
401.825000	-62.5	8.6	-53.9
406.425000	-62.6	8.7	-53.9
403.925000	-62.6	8.7	-53.9
403.825000	-62.7	8.8	-53.9
404.175000	-62.7	8.8	-53.9
74.325000	-68.7	8.8	-59.9
400.675000	-62.8	8.9	-53.9
400.725000	-62.8	8.9	-53.9
404.125000	-62.8	8.9	-53.9

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	7000.000000	1	1
7000.000000	26000.000000	1	1

Restricted Band



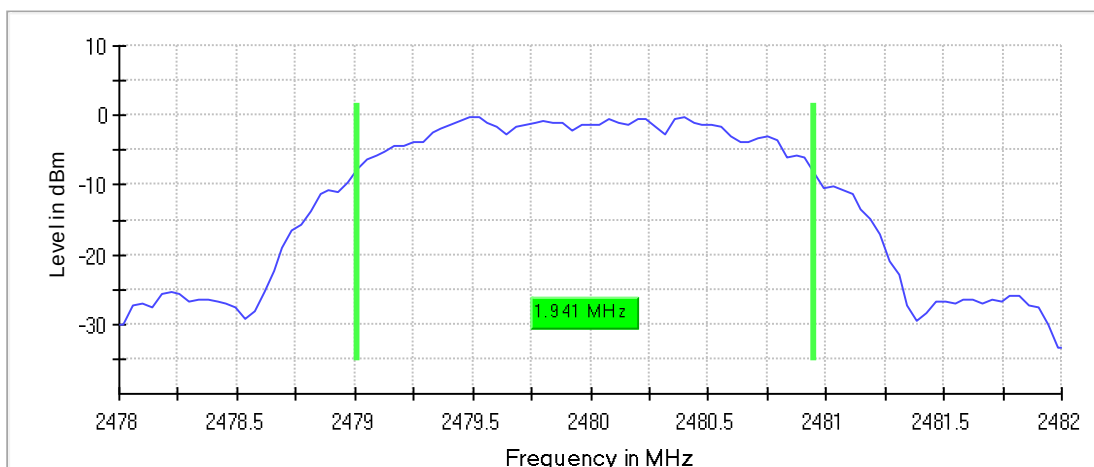
Minimum Emission Bandwidth 6 dB (2480 MHz; 15.000 dBm; 2 MHz)

6 dB Bandwidth

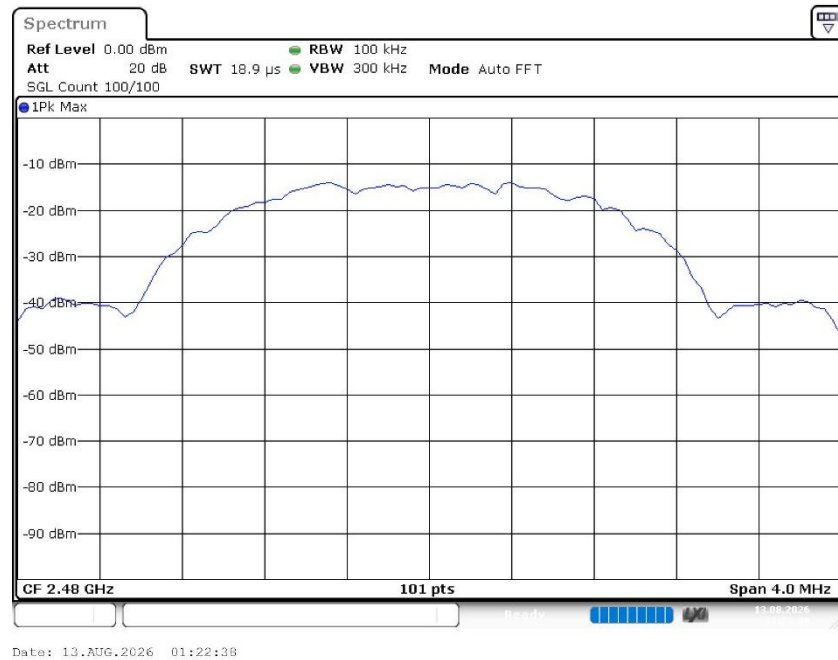
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.940594	0.500000	---	2479.009901	2480.950495

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	-0.3	PASS

6 dB Bandwidth



Bandwidth



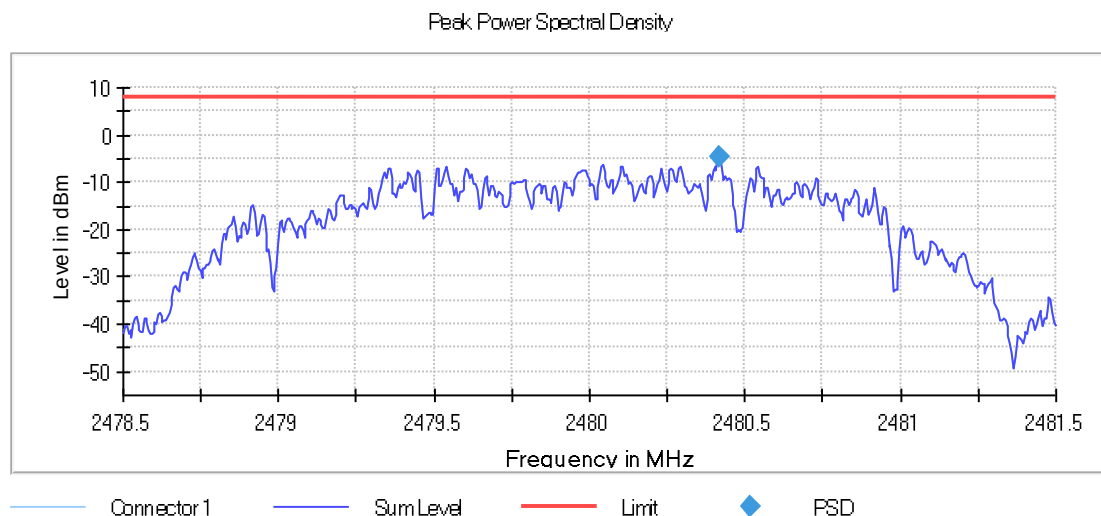
Peak Power Spectral Density (2480 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2480.000000	2480.417500	-4.775	8.0	PASS

Ports

Port	State
1	used



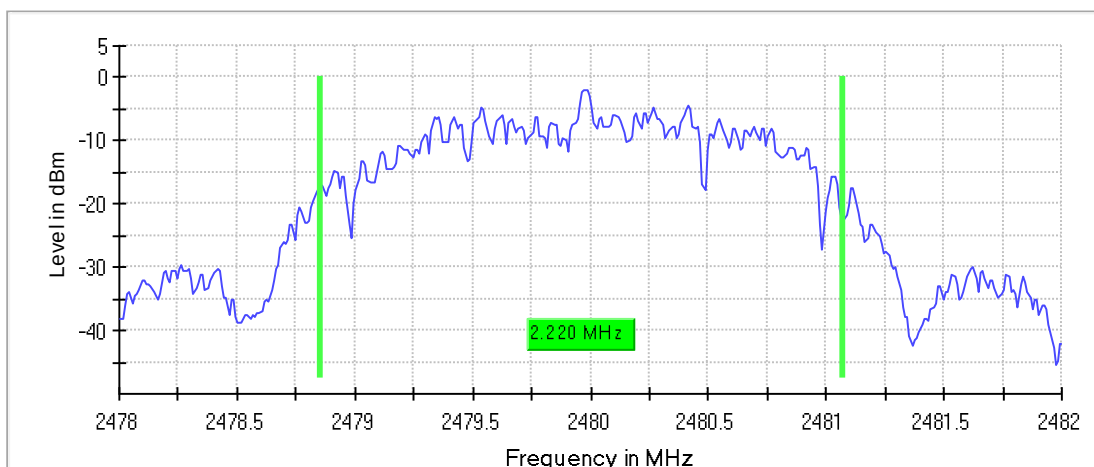
Occupied Channel Bandwidth 99% (2480 MHz; 15.000 dBm; 2 MHz)

99 % Bandwidth

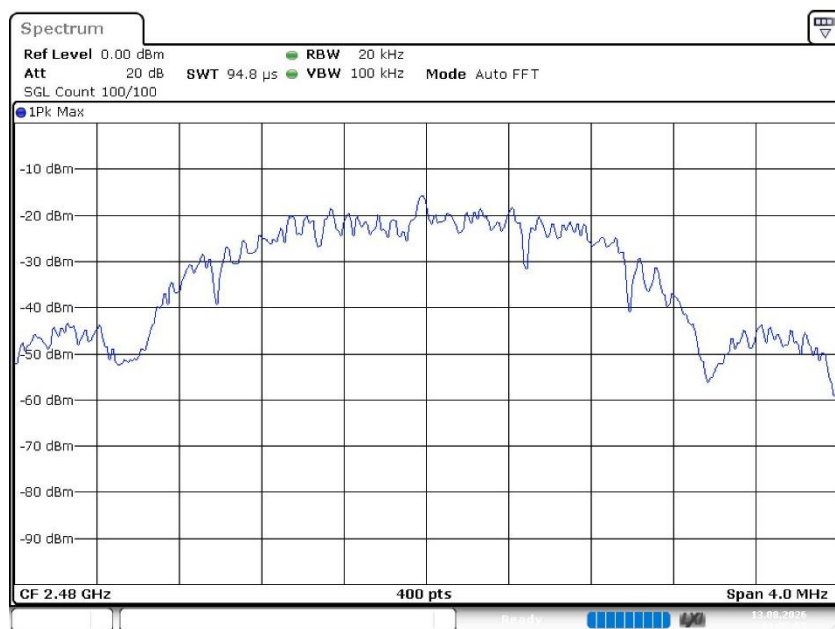
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	2.220000	---	---	2478.855000	2481.075000

DUT Frequency (MHz)	Result
2480.000000	PASS

99 % Bandwidth



Bandwidth



Date: 13.AUG.2026 01:22:55

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
SweepTime	94.824 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Band Edge high (2480 MHz; 15.000 dBm; 2 MHz)

Result

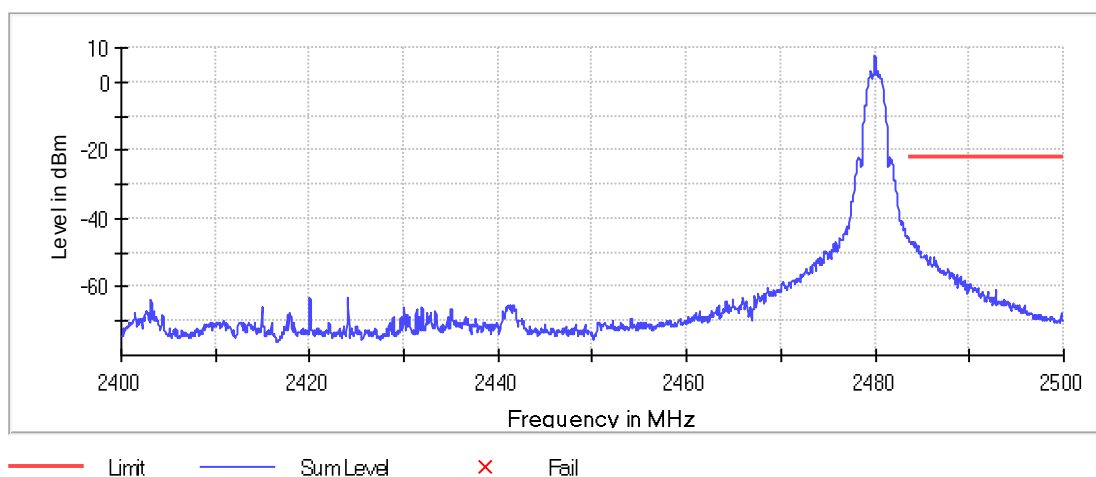
DUT Frequency (MHz)	Result
2480.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2483.525000	-45.6	23.4	-22.2	PASS
2483.575000	-46.1	23.9	-22.2	PASS
2483.625000	-46.5	24.4	-22.2	PASS

2484.275000	-46.8	24.7	-22.2	PASS
2483.725000	-46.9	24.7	-22.2	PASS
2483.825000	-46.9	24.7	-22.2	PASS
2483.875000	-46.9	24.8	-22.2	PASS
2483.925000	-47.0	24.8	-22.2	PASS
2483.675000	-47.0	24.8	-22.2	PASS
2484.025000	-47.1	24.9	-22.2	PASS
2483.975000	-47.2	25.0	-22.2	PASS
2484.225000	-47.3	25.1	-22.2	PASS
2484.075000	-47.3	25.2	-22.2	PASS
2483.775000	-47.5	25.4	-22.2	PASS
2484.575000	-47.9	25.7	-22.2	PASS

Band Edge



Tx Spurious Emission (2480 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Final measurements

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

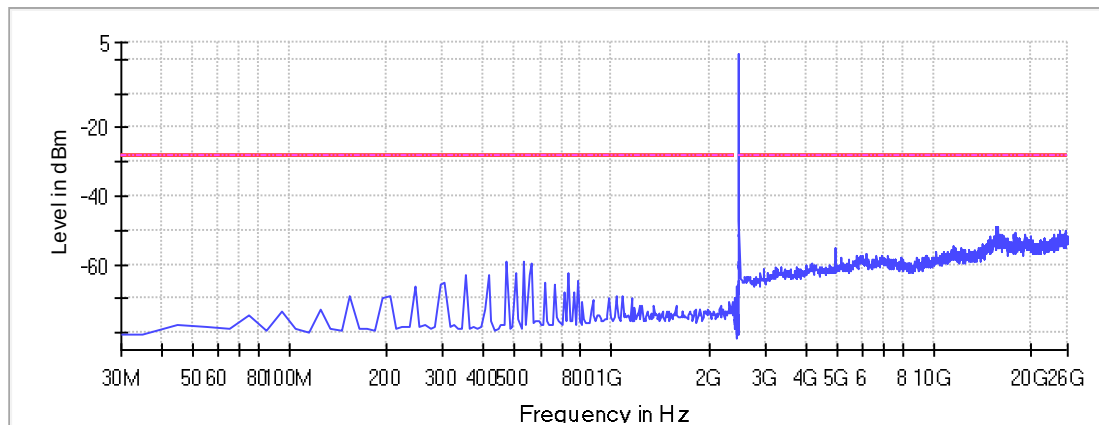
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2488.497131	-47.2	18.8	-28.4
15700.912346	-48.8	20.4	-28.4
15670.929558	-49.1	20.7	-28.4
15720.900871	-49.1	20.7	-28.4
15740.889397	-49.4	21.0	-28.4
15730.895134	-49.5	21.0	-28.4
15690.918083	-49.6	21.1	-28.4
15710.906609	-49.6	21.2	-28.4

15780.866447	-49.6	21.2	-28.4
15650.941033	-50.0	21.6	-28.4
15660.935295	-50.1	21.7	-28.4
24705.742988	-50.2	21.7	-28.4
25805.111878	-50.2	21.8	-28.4
15760.877922	-50.3	21.9	-28.4
15840.832023	-50.4	22.0	-28.4

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	26000.000000	1	1

Spurious



— Limit — Sum Level - - - Threshold × Critical × Final Critical

Emissions in restricted frequency bands (Average) (2480 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Final measurements

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

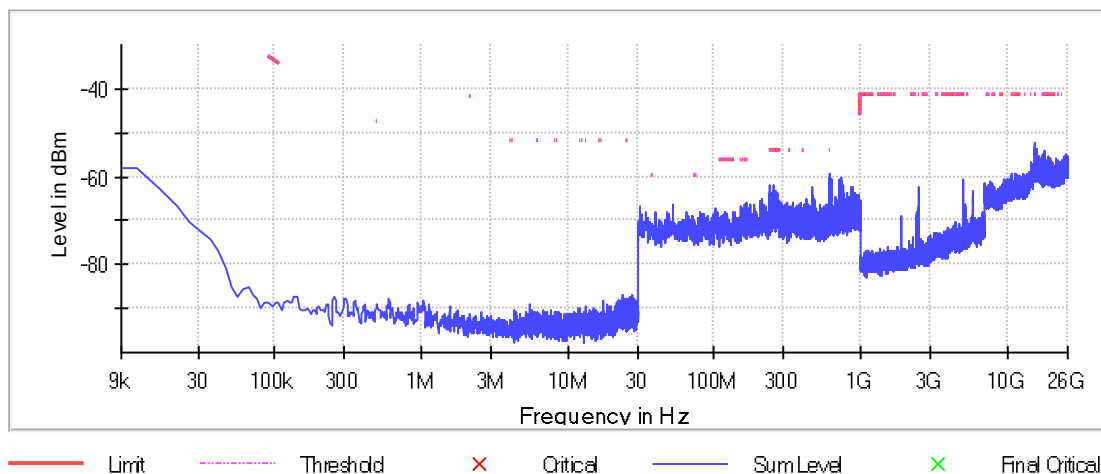
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
256.675000	-62.0	8.1	-53.9
256.625000	-62.2	8.3	-53.9
256.725000	-62.2	8.3	-53.9
256.575000	-62.7	8.8	-53.9

264.425000	-63.2	9.3	-53.9
264.375000	-63.2	9.3	-53.9
263.325000	-63.3	9.4	-53.9
264.475000	-63.4	9.5	-53.9
263.375000	-63.4	9.5	-53.9
257.625000	-63.4	9.5	-53.9
166.325000	-66.0	9.6	-56.4
257.675000	-63.5	9.6	-53.9
264.325000	-63.6	9.7	-53.9
166.275000	-66.1	9.7	-56.4
256.525000	-63.7	9.8	-53.9

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
0.009000	30.000000	2	2
30.000000	1000.000000	2	2
1000.000000	7000.000000	1	1
7000.000000	26000.000000	1	1

Restricted Band



1.2 Band Edge

1.2.1 Summary

Test	Frequency (MHz)	Nominal Bandwidth (MHz)	Result
Band Edge low	2405.000	2.000000	PASS
Emissions in restricted frequency bands (Average)	2405.000	2.000000	PASS
Emissions in restricted frequency bands (Peak)	2405.000	2.000000	PASS
Band Edge low	2440.000	2.000000	PASS
Emissions in restricted frequency bands (Average)	2440.000	2.000000	PASS
Emissions in restricted frequency bands (Peak)	2440.000	2.000000	PASS
Band Edge low	2480.000	2.000000	PASS
Emissions in restricted frequency bands (Average)	2480.000	2.000000	PASS
Emissions in restricted frequency bands (Peak)	2480.000	2.000000	PASS

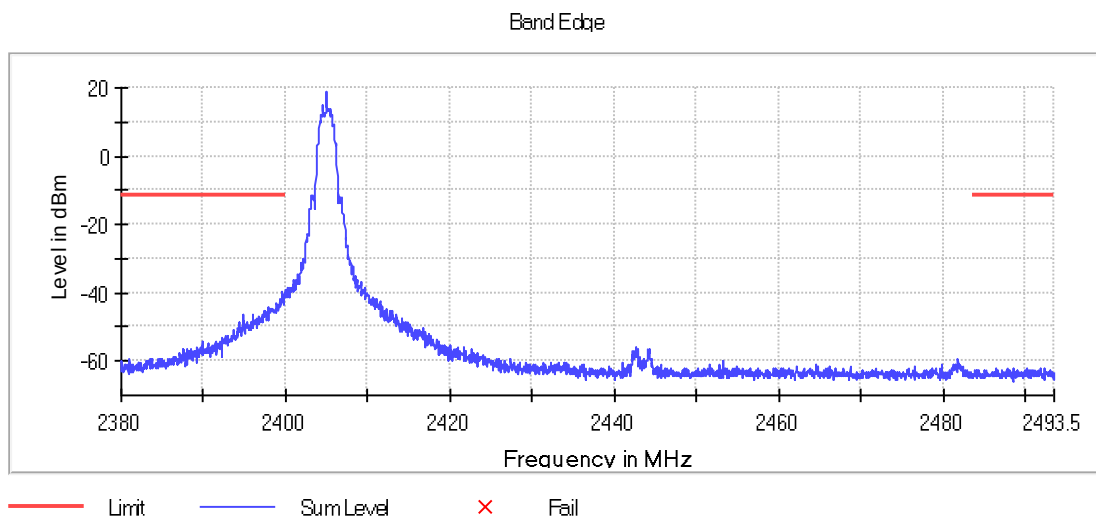
Band Edge low (2405 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2405.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2399.925000	-39.2	28.0	-11.2	PASS
2399.625000	-39.5	28.2	-11.2	PASS
2399.975000	-40.2	28.9	-11.2	PASS
2399.875000	-40.5	29.3	-11.2	PASS
2399.725000	-41.0	29.8	-11.2	PASS
2399.775000	-41.6	30.4	-11.2	PASS
2399.525000	-41.7	30.4	-11.2	PASS
2399.275000	-42.1	30.9	-11.2	PASS
2399.475000	-42.2	31.0	-11.2	PASS
2399.225000	-42.3	31.1	-11.2	PASS
2399.575000	-42.5	31.3	-11.2	PASS
2399.825000	-42.7	31.5	-11.2	PASS
2399.375000	-43.0	31.8	-11.2	PASS
2398.925000	-43.3	32.0	-11.2	PASS
2399.675000	-43.6	32.4	-11.2	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	2.38000 GHz	2.38000 GHz
Stop Frequency	2.44400 GHz	2.44400 GHz
Span	64.000 MHz	64.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1280	~ 1280
SweepTime	1.000 s	1.000 s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Measurement 2

Setting	Instrument Value	Target Value
Start Frequency	2.44400 GHz	2.44400 GHz
Stop Frequency	2.49350 GHz	2.49350 GHz
Span	49.500 MHz	49.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	990	~ 990
SweepTime	1.000 s	1.000 s
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Average) (2405 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2405.000000	PASS

Final measurements

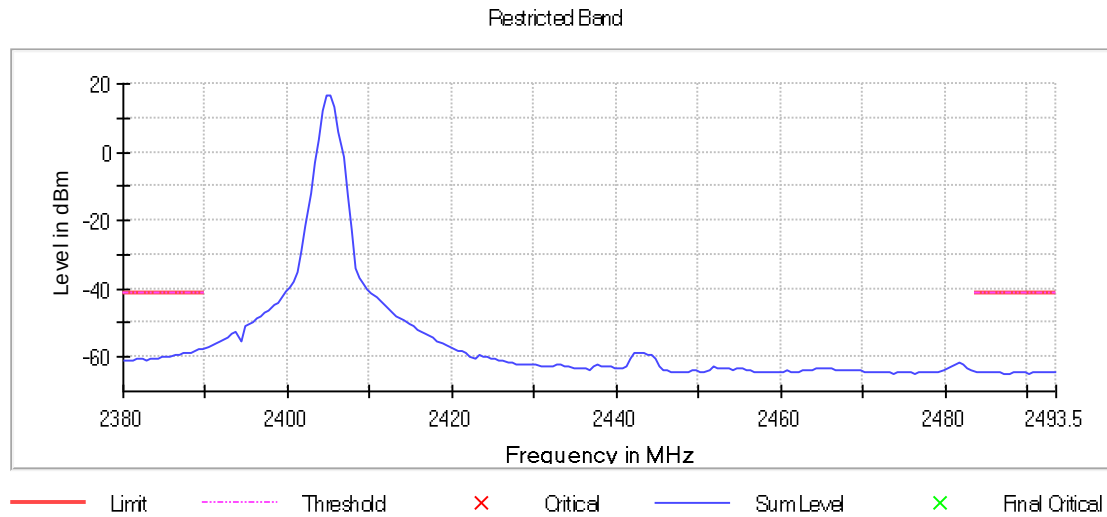
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
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Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2389.750000	-57.4	16.2	-41.2
2389.250000	-57.5	16.3	-41.2
2388.750000	-58.1	16.9	-41.2
2388.250000	-58.5	17.3	-41.2
2387.750000	-58.9	17.7	-41.2
2387.250000	-58.9	17.7	-41.2
2386.750000	-59.3	18.1	-41.2
2386.250000	-59.5	18.3	-41.2
2385.250000	-59.8	18.6	-41.2
2385.750000	-59.8	18.6	-41.2
2384.750000	-60.1	18.9	-41.2
2383.750000	-60.2	19.0	-41.2
2383.250000	-60.2	19.0	-41.2
2384.250000	-60.4	19.2	-41.2
2381.750000	-60.6	19.4	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
2380.000000	2493.500000	1	1



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	≤ 1.000 MHz
VBW	500.000 Hz	≥ 400.000 Hz
SweepPoints	227	~ 227
SweepTime	5.048 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Emissions in restricted frequency bands (Peak) (2405 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2405.000000	PASS

Final measurements

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

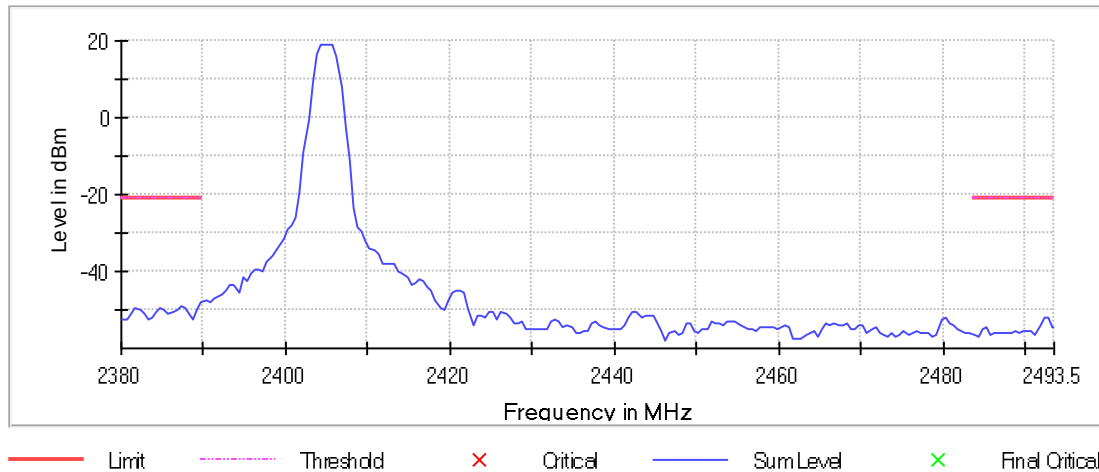
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2389.750000	-47.8	26.6	-21.2
2387.250000	-48.9	27.7	-21.2
2387.750000	-49.4	28.2	-21.2

2384.750000	-49.5	28.3	-21.2
2381.750000	-49.7	28.5	-21.2
2382.250000	-49.8	28.6	-21.2
2386.750000	-49.9	28.7	-21.2
2385.250000	-50.1	28.9	-21.2
2389.250000	-50.2	29.0	-21.2
2386.250000	-50.6	29.4	-21.2
2384.250000	-50.7	29.5	-21.2
2385.750000	-50.8	29.6	-21.2
2382.750000	-51.0	29.8	-21.2
2381.250000	-51.0	29.8	-21.2
2388.250000	-51.2	30.0	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
2380.000000	2493.500000	1	1

Restricted Band



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	227	~ 227
SweepTime	15.250 μ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Band Edge low (2440 MHz; 15.000 dBm; 2 MHz)

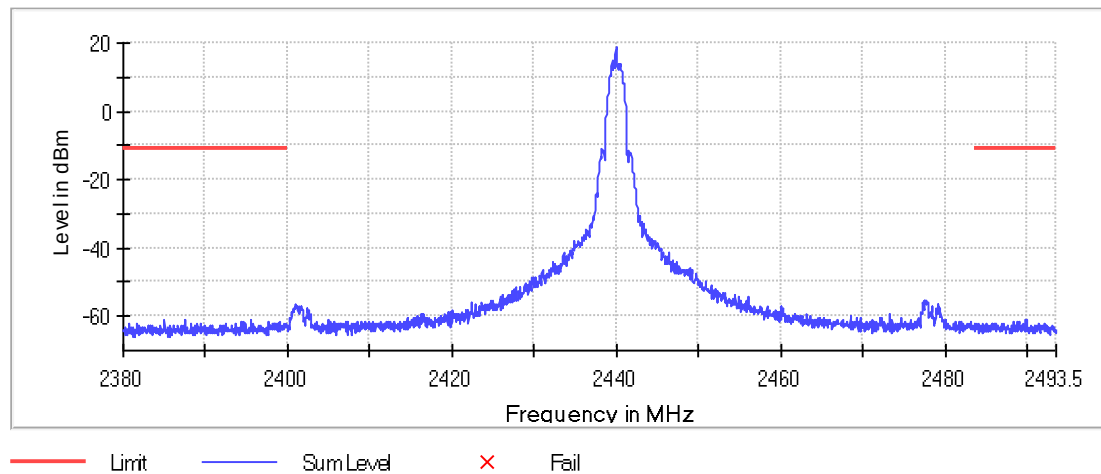
Result

DUT Frequency (MHz)	Result
2440.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2395.475000	-60.7	49.9	-10.9	PASS
2385.025000	-60.9	50.1	-10.9	PASS
2489.875000	-61.2	50.4	-10.9	PASS
2387.525000	-61.3	50.4	-10.9	PASS
2489.825000	-61.3	50.4	-10.9	PASS
2488.775000	-61.4	50.5	-10.9	PASS
2398.975000	-61.5	50.6	-10.9	PASS
2488.975000	-61.5	50.6	-10.9	PASS
2397.625000	-61.5	50.6	-10.9	PASS
2488.325000	-61.6	50.7	-10.9	PASS
2394.675000	-61.7	50.8	-10.9	PASS
2394.325000	-61.7	50.9	-10.9	PASS
2483.775000	-61.8	51.0	-10.9	PASS
2389.025000	-61.9	51.0	-10.9	PASS
2394.725000	-61.9	51.0	-10.9	PASS

Band Edge



Emissions in restricted frequency bands (Average) (2440 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2440.000000	PASS

Final measurements

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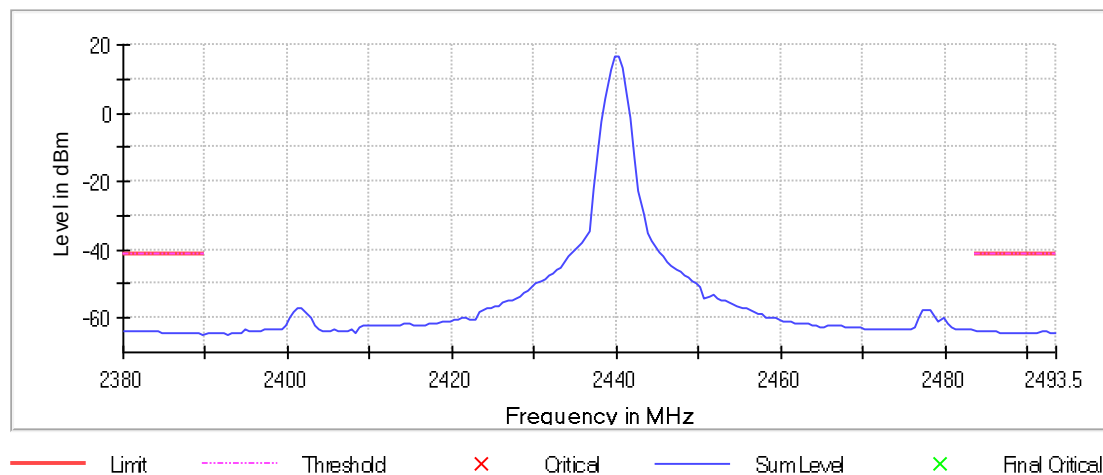
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2483.750000	-63.5	22.3	-41.2
2485.250000	-63.7	22.5	-41.2
2484.750000	-63.7	22.5	-41.2
2485.750000	-63.7	22.5	-41.2
2380.750000	-63.8	22.6	-41.2
2484.250000	-63.8	22.6	-41.2
2381.250000	-63.8	22.6	-41.2
2381.750000	-63.8	22.6	-41.2
2382.250000	-63.8	22.6	-41.2
2380.250000	-63.8	22.6	-41.2
2380.000000	-63.8	22.6	-41.2
2383.250000	-63.8	22.6	-41.2
2382.750000	-63.9	22.7	-41.2
2383.750000	-63.9	22.7	-41.2
2491.750000	-64.0	22.8	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
2380.000000	2493.500000	1	1

Restricted Band



Emissions in restricted frequency bands (Peak) (2440 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2440.000000	PASS

Final measurements

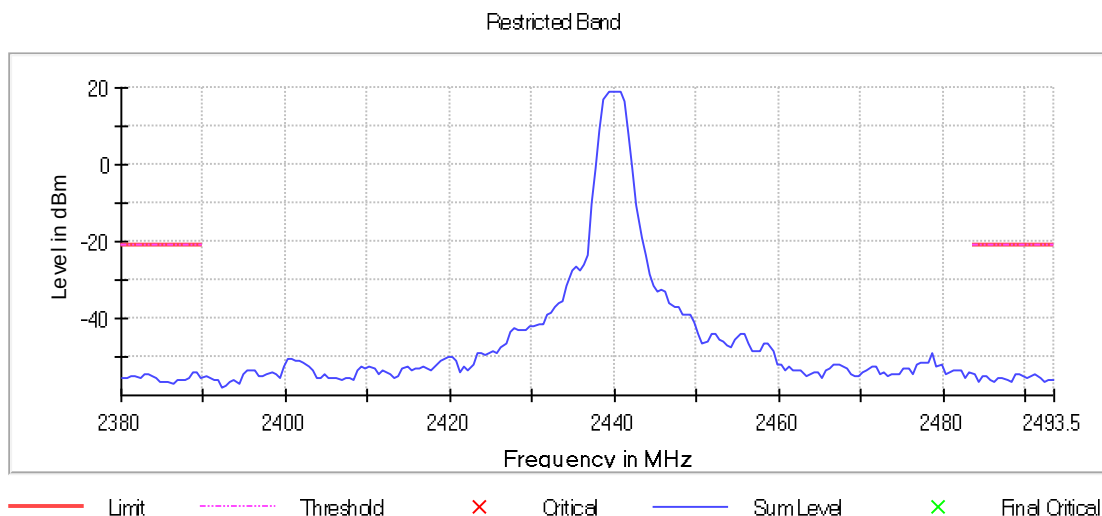
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2389.250000	-53.9	32.7	-21.2
2388.750000	-54.0	32.8	-21.2
2489.250000	-54.4	33.2	-21.2
2483.750000	-54.4	33.2	-21.2
2382.750000	-54.5	33.3	-21.2
2383.250000	-54.7	33.5	-21.2
2491.250000	-54.7	33.5	-21.2
2488.750000	-54.7	33.5	-21.2
2381.250000	-54.8	33.6	-21.2
2490.750000	-54.8	33.6	-21.2
2381.750000	-55.0	33.8	-21.2
2489.750000	-55.1	33.9	-21.2
2485.250000	-55.1	33.9	-21.2
2484.750000	-55.1	33.9	-21.2
2383.750000	-55.2	34.0	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
2380.000000	2493.500000	1	1



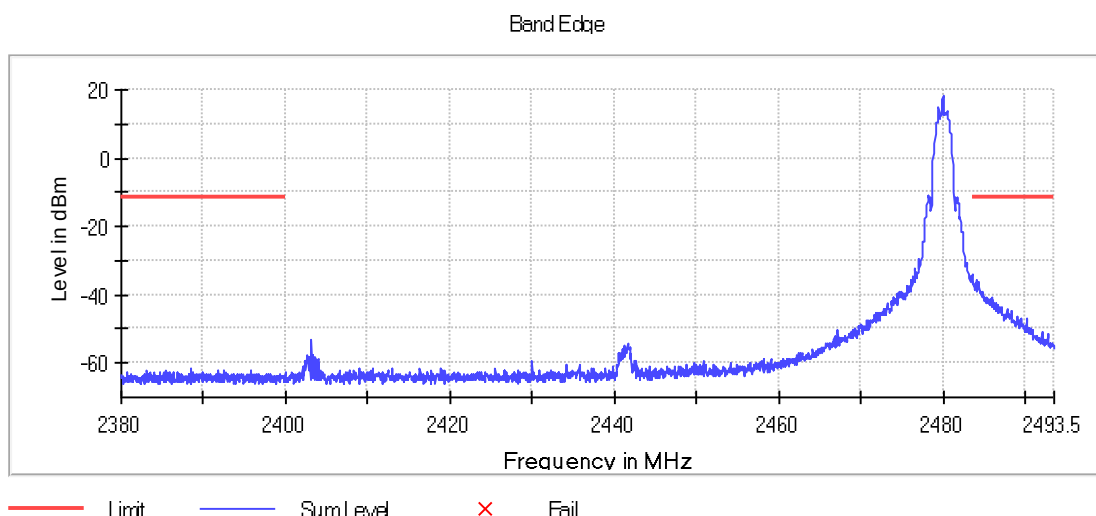
Band Edge low (2480 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2483.525000	-34.1	22.4	-11.7	PASS
2483.575000	-35.1	23.4	-11.7	PASS
2484.025000	-35.7	24.0	-11.7	PASS
2483.675000	-36.1	24.4	-11.7	PASS
2484.325000	-36.3	24.6	-11.7	PASS
2483.975000	-36.3	24.6	-11.7	PASS
2484.125000	-36.5	24.8	-11.7	PASS
2483.925000	-36.5	24.9	-11.7	PASS
2483.725000	-36.7	25.0	-11.7	PASS
2483.625000	-36.7	25.1	-11.7	PASS
2483.875000	-36.8	25.1	-11.7	PASS
2484.275000	-36.8	25.1	-11.7	PASS
2484.075000	-37.2	25.6	-11.7	PASS
2484.425000	-37.5	25.8	-11.7	PASS
2483.775000	-37.8	26.2	-11.7	PASS



Emissions in restricted frequency bands (Average) (2480 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
2483.750000	-35.0	-41.2	-41.2	0.0	PASS

Pre Measurements

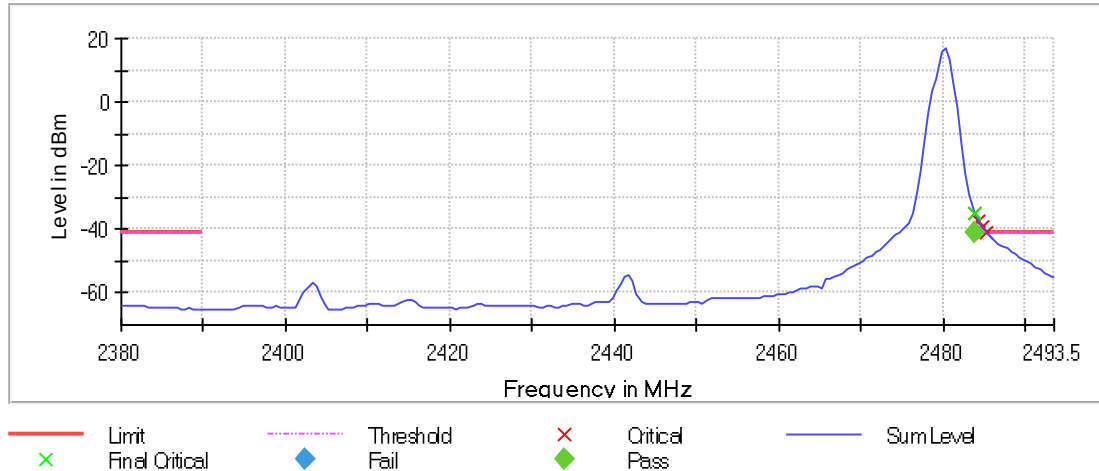
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2483.750000	-35.0	-6.2	-41.2
2484.250000	-37.6	-3.6	-41.2
2484.750000	-39.3	-1.9	-41.2
2485.250000	-40.9	-0.3	-41.2
2485.750000	-42.2	1.0	-41.2
2486.250000	-43.3	2.1	-41.2
2486.750000	-44.4	3.2	-41.2
2487.250000	-45.3	4.1	-41.2
2487.750000	-46.1	4.9	-41.2
2488.250000	-47.1	5.9	-41.2
2488.750000	-47.9	6.7	-41.2
2489.250000	-48.9	7.7	-41.2
2489.750000	-49.5	8.3	-41.2
2490.250000	-50.2	9.0	-41.2
2490.750000	-51.0	9.8	-41.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
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2380.000000	2493.500000	1	1
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Restricted Band



Emissions in restricted frequency bands (Peak) (2480 MHz; 15.000 dBm; 2 MHz)

Result

DUT Frequency (MHz)	Result
2480.000000	PASS

Final measurements

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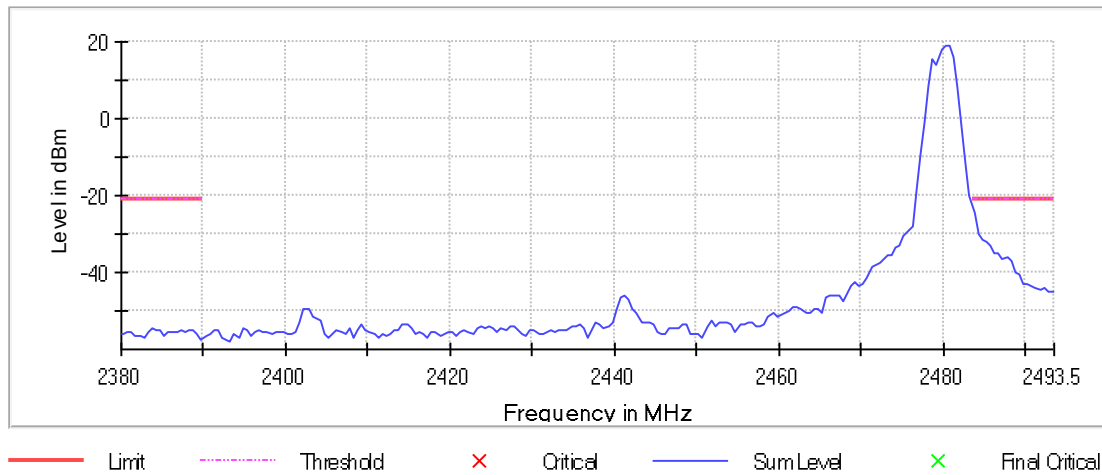
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2483.750000	-24.3	3.1	-21.2
2484.250000	-29.8	8.6	-21.2
2484.750000	-31.4	10.2	-21.2
2485.250000	-32.2	11.0	-21.2
2485.750000	-32.8	11.6	-21.2
2486.250000	-35.0	13.8	-21.2
2486.750000	-35.1	13.9	-21.2
2487.750000	-36.1	14.9	-21.2
2487.250000	-36.6	15.4	-21.2
2488.250000	-36.8	15.6	-21.2
2488.750000	-39.9	18.7	-21.2
2489.250000	-40.7	19.5	-21.2
2490.250000	-42.9	21.7	-21.2
2489.750000	-43.2	22.0	-21.2
2490.750000	-43.4	22.2	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
2380.000000	2493.500000	1	1

Restricted Band



-- End of Report--