



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-E7CPI
ISED ID	6545A-E7CPI
Equipment Under Test	E7-Campus-Indoor
Test Report Serial Number	TR10495_01
Date of Tests	5 and 9 June; 28 October 2025
Report Issue Date	5 November 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 2026. 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 2026. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



1 RF Conducted WiFi UNII-6

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 Summary

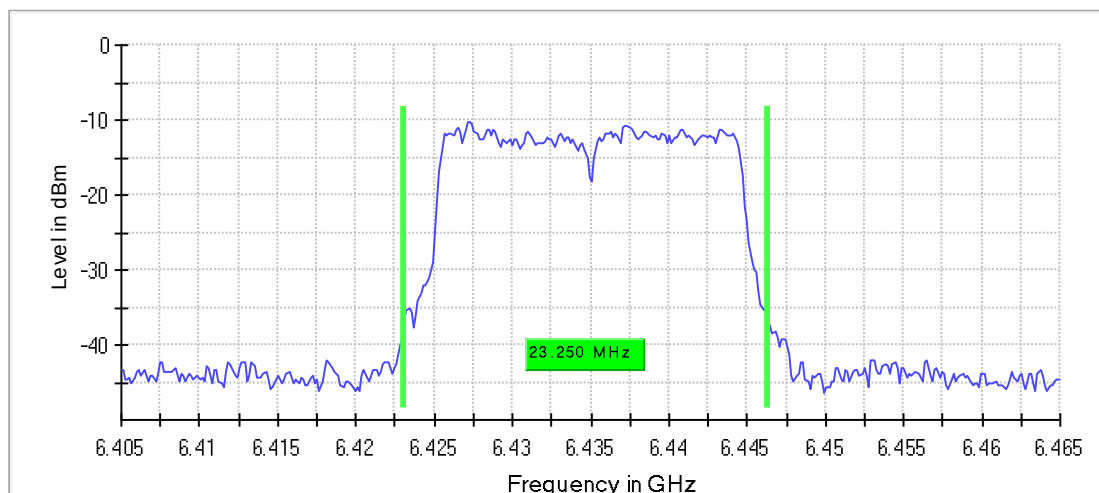
Test	Frequency (MHz)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6435.000	20.000000	PASS
RF output power	6435.000	20.000000	PASS
In-Band Emissions	6435.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6435.000	20.000000	PASS
Frequency Stability	6435.000	20.000000	PASS
Emission Bandwidth 26 dB	6475.000	20.000000	PASS
In-Band Emissions	6475.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6475.000	20.000000	PASS
Emission Bandwidth 26 dB	6515.000	20.000000	PASS
In-Band Emissions	6515.000	20.000000	PASS
Occupied Channel Bandwidth 99%	6515.000	20.000000	PASS
Emission Bandwidth 26 dB	6445.000	40.000000	PASS
In-Band Emissions	6445.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6445.000	40.000000	PASS
Emission Bandwidth 26 dB	6485.000	40.000000	PASS
In-Band Emissions	6485.000	40.000000	PASS
Occupied Channel Bandwidth 99%	6485.000	40.000000	PASS
Emission Bandwidth 26 dB	6465.000	80.000000	PASS
In-Band Emissions	6465.000	80.000000	PASS
Occupied Channel Bandwidth 99%	6465.000	80.000000	PASS
Emission Bandwidth 26 dB	6505.000	160.000000	PASS
In-Band Emissions	6505.000	160.000000	PASS
Occupied Channel Bandwidth 99%	6505.000	160.000000	PASS
Tx Spurious Emission	6505.000	160.000000	PASS
Emissions in restricted frequency bands (Average)	6505.000	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6505.000	160.000000	PASS

Emission Bandwidth 26 dB (6435 MHz; 24.000 dBm; 20 MHz)

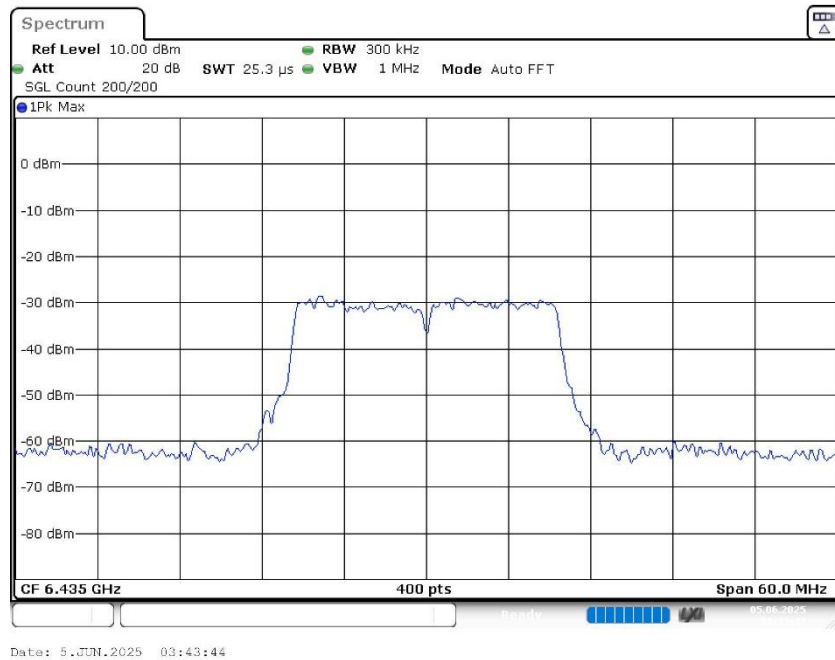
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6435.000000	23.250000	---	320.000000	6423.075000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6435.000000	6446.325000	---	-10.3	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.40500 GHz	6.40500 GHz
Stop Frequency	6.46500 GHz	6.46500 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 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 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 (6435 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6435.000000	6.0	24.0	6.0	99.722	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

In-Band Emissions (6435 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
6435.000000	PASS

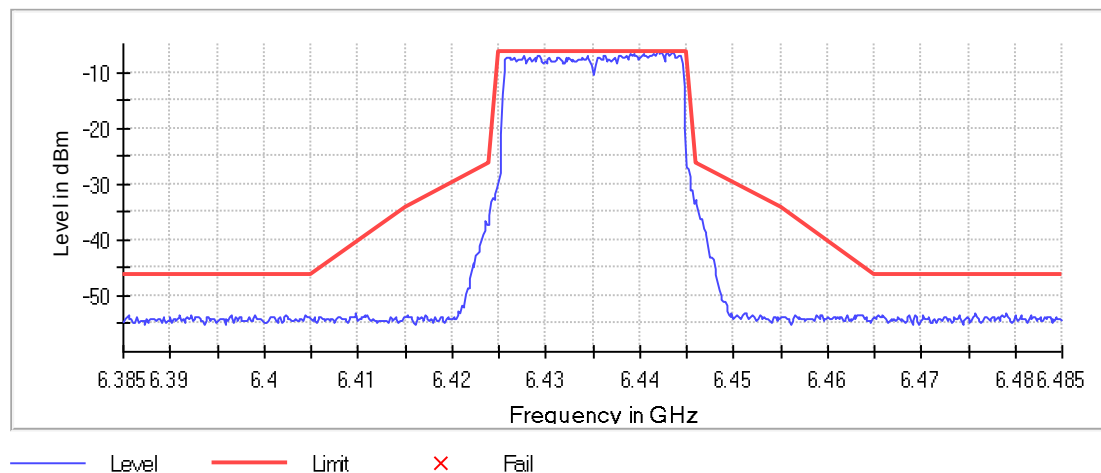
Inband Peak

Frequency (MHz)	Level (dBm)
6442.346327	-6.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6442.346327	-6.3	0.0	-6.3	PASS
6441.896552	-6.3	0.0	-6.3	PASS
6442.046477	-6.4	0.1	-6.3	PASS
6443.545727	-6.5	0.2	-6.3	PASS
6442.946027	-6.5	0.2	-6.3	PASS
6441.446777	-6.6	0.3	-6.3	PASS
6442.196402	-6.6	0.3	-6.3	PASS
6439.347826	-6.7	0.4	-6.3	PASS
6441.596702	-6.8	0.5	-6.3	PASS
6439.047976	-6.8	0.5	-6.3	PASS
6440.397301	-6.8	0.5	-6.3	PASS
6443.395802	-6.9	0.6	-6.3	PASS
6442.796102	-6.9	0.6	-6.3	PASS
6441.746627	-6.9	0.6	-6.3	PASS
6440.247376	-7.0	0.6	-6.3	PASS

In Band



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.38500 GHz	6.38500 GHz
Stop Frequency	6.48500 GHz	6.48500 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	10.000 dBm	AUTO
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

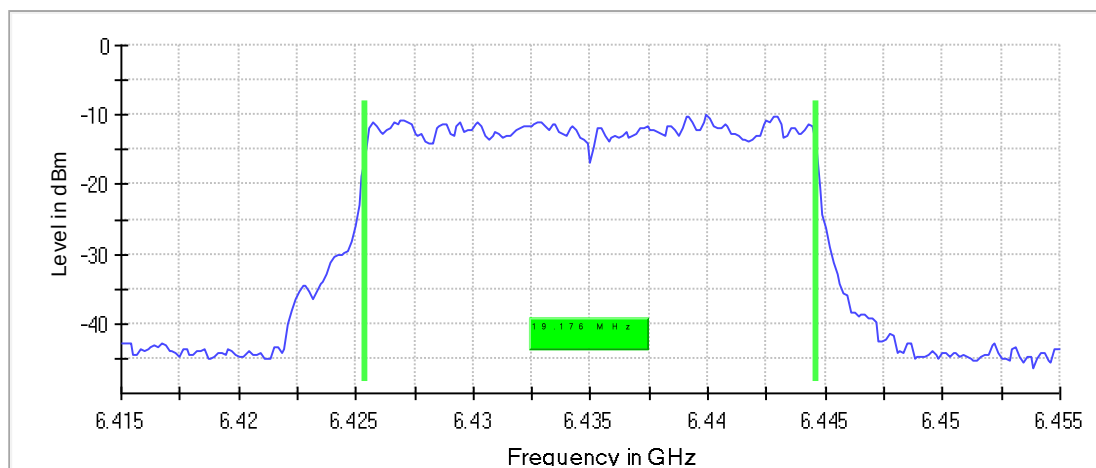
Occupied Channel Bandwidth 99% (6435 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

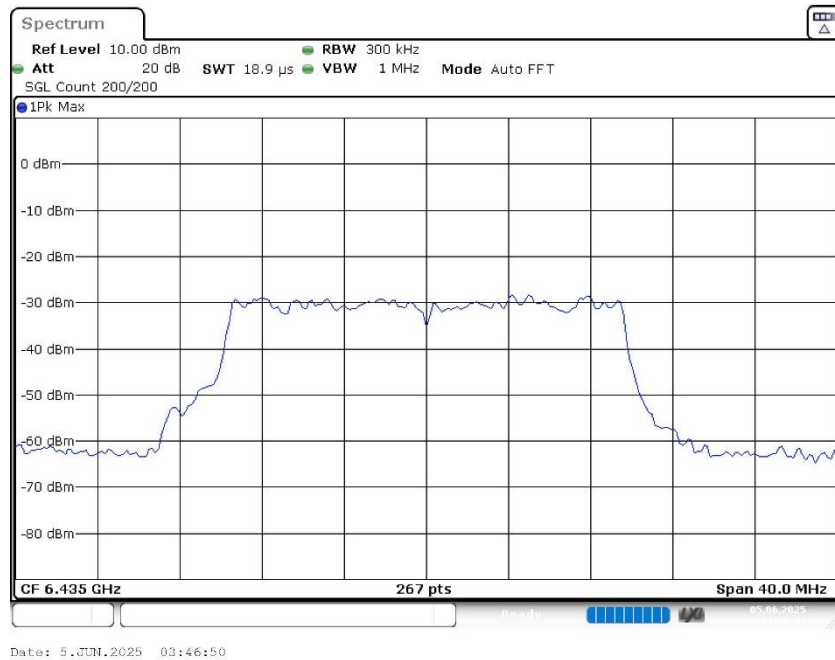
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6435.000000	19.176030	---	320.000000	6425.411985	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6435.000000	6444.588015	7125.000000	PASS

99 % Bandwidth



Bandwidth



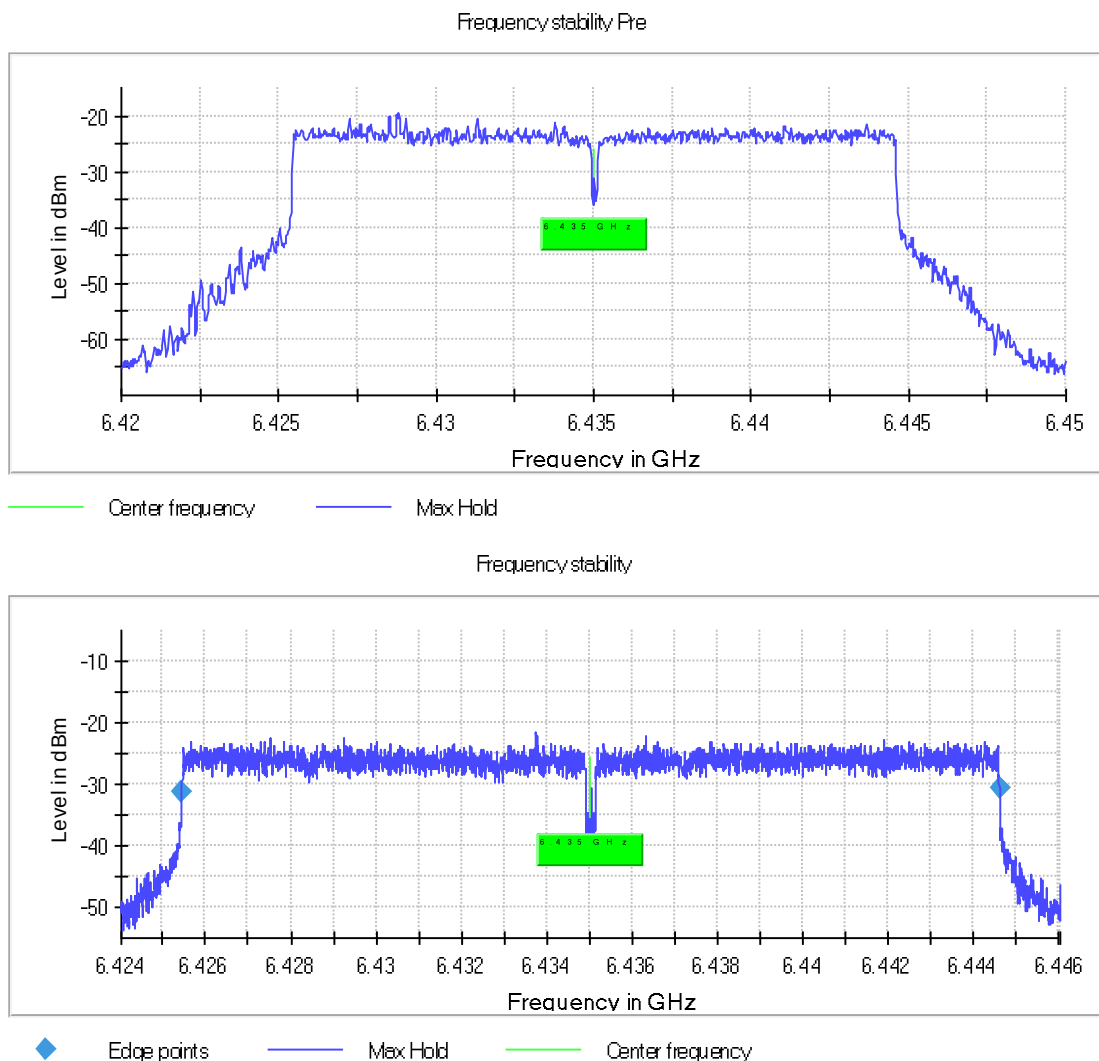
Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.41500 GHz	6.41500 GHz
Stop Frequency	6.45500 GHz	6.45500 GHz
Span	40.000 MHz	40.000 MHz
RBW	300.000 kHz	>= 300.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	267	~ 267
SweepTime	18.930 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Frequency Stability (6435 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6435.000000	6435.027771	4.316	27.770500	---	---	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.42000 GHz	6.42000 GHz
Stop Frequency	6.45000 GHz	6.45000 GHz
Span	30.000 MHz	30.000 MHz
RBW	30.000 kHz	≤ 30.000 kHz
VBW	100.000 kHz	≥ 90.000 kHz
SweepPoints	1001	~ 1001
SweepTime	126.413 μ s	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 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

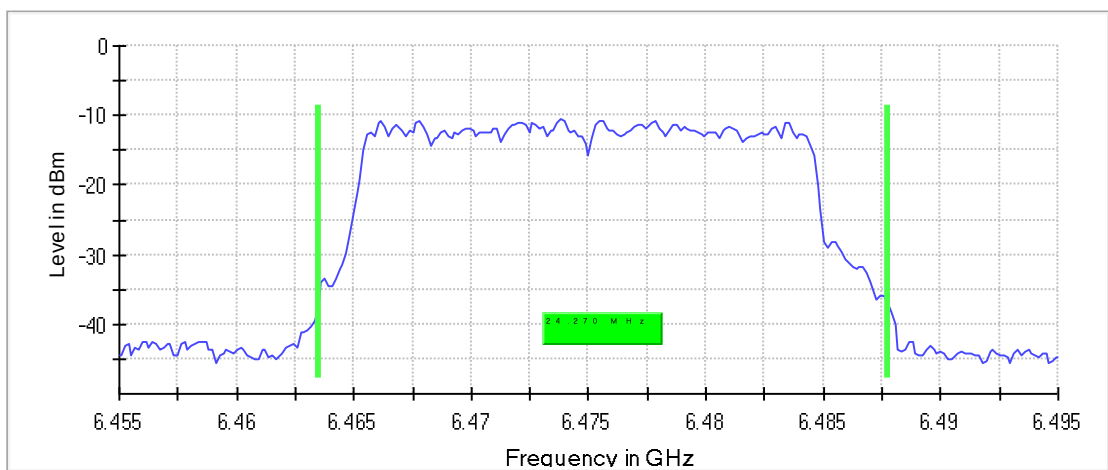
Emission Bandwidth 26 dB (6475 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

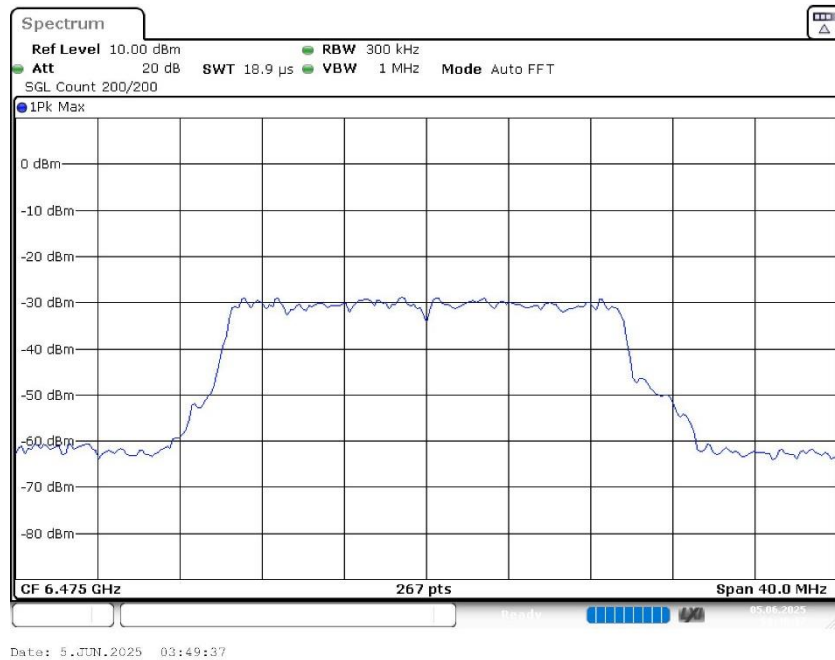
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6475.000000	24.269663	---	320.000000	6463.464419	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6475.000000	6487.734082	---	-10.5	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6475 MHz; 24.000 dBm; 20 MHz)

Result

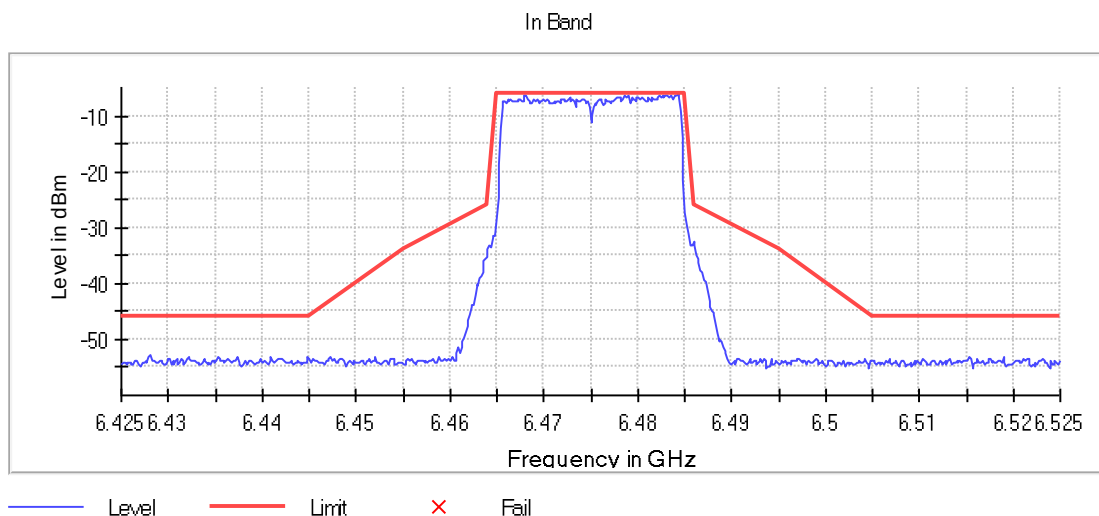
DUT Frequency (MHz)	Result
6475.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6484.295352	-6.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6483.545727	-6.2	0.2	-6.0	PASS
6484.145427	-6.3	0.3	-6.0	PASS
6482.946027	-6.4	0.4	-6.0	PASS
6483.095952	-6.5	0.4	-6.0	PASS
6467.953523	-6.5	0.4	-6.0	PASS
6482.346327	-6.5	0.4	-6.0	PASS
6483.995502	-6.5	0.5	-6.0	PASS
6468.103448	-6.5	0.5	-6.0	PASS
6482.646177	-6.5	0.5	-6.0	PASS
6478.598201	-6.5	0.5	-6.0	PASS
6479.047976	-6.5	0.5	-6.0	PASS
6483.245877	-6.5	0.5	-6.0	PASS
6478.748126	-6.6	0.6	-6.0	PASS
6480.097451	-6.6	0.6	-6.0	PASS
6482.196402	-6.7	0.7	-6.0	PASS

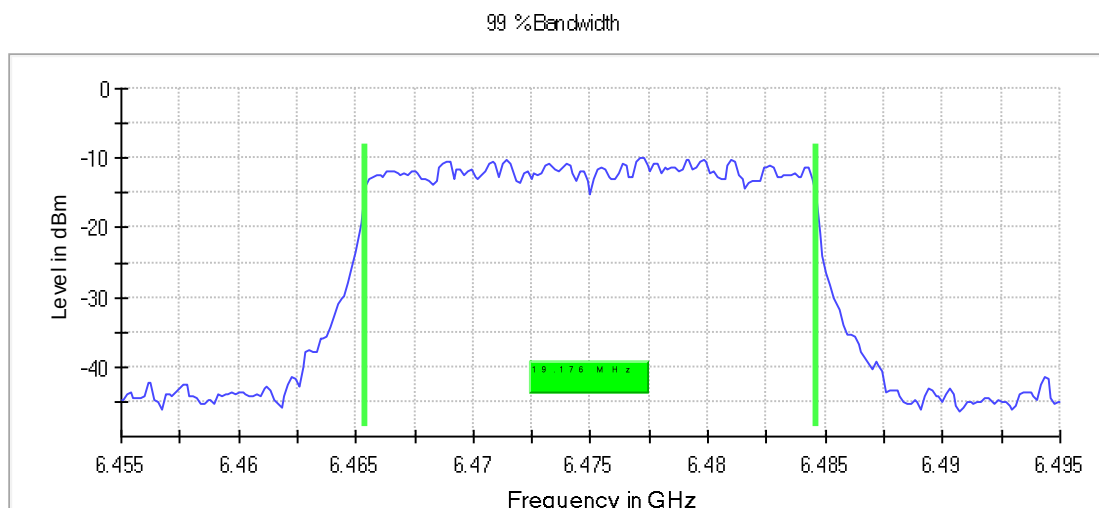


Occupied Channel Bandwidth 99% (6475 MHz; 24.000 dBm; 20 MHz)

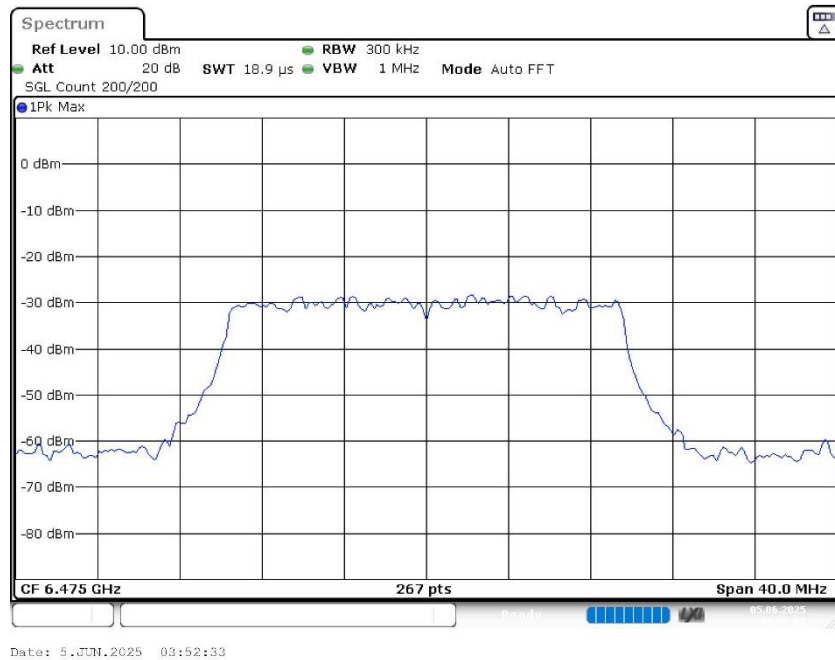
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6475.000000	19.176030	---	320.000000	6465.411985	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6475.000000	6484.588015	7125.000000	PASS



Bandwidth

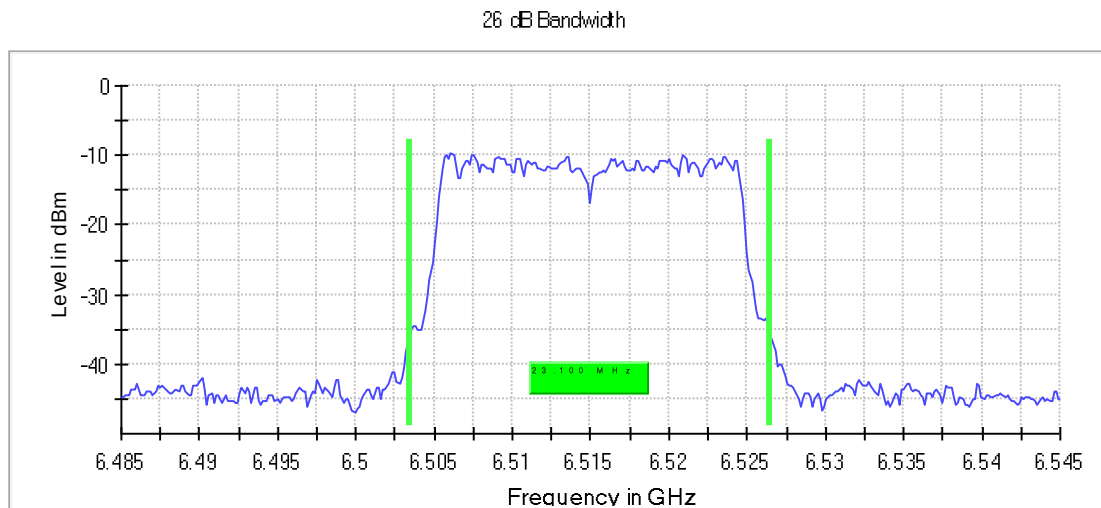


Emission Bandwidth 26 dB (6515 MHz; 24.000 dBm; 20 MHz)

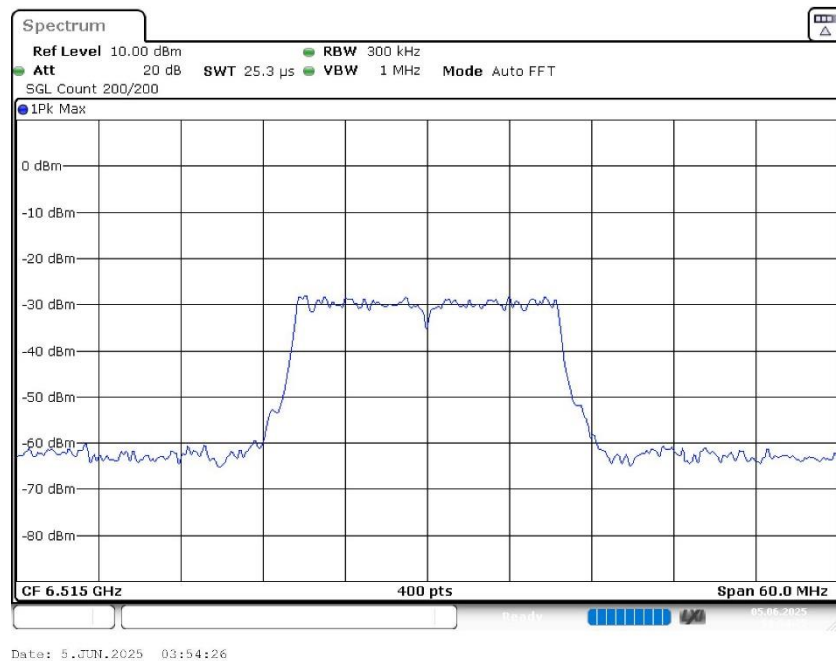
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6515.000000	23.100000	---	320.000000	6503.375000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6515.000000	6526.475000	---	-9.7	PASS



Bandwidth



In-Band Emissions (6515 MHz; 24.000 dBm; 20 MHz)

Result

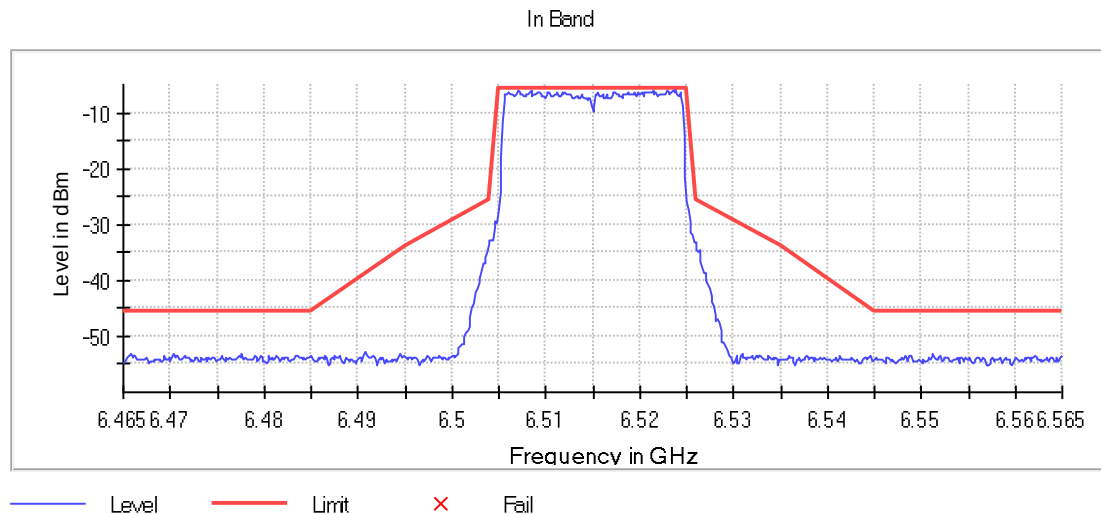
DUT Frequency (MHz)	Result
6515.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6523.845577	-5.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6507.053973	-6.0	0.3	-5.7	PASS
6508.403298	-6.0	0.3	-5.7	PASS
6523.545727	-6.1	0.3	-5.7	PASS
6521.446777	-6.1	0.4	-5.7	PASS
6522.946027	-6.2	0.5	-5.7	PASS
6517.248876	-6.2	0.5	-5.7	PASS
6523.695652	-6.2	0.5	-5.7	PASS
6521.746627	-6.3	0.6	-5.7	PASS
6518.748126	-6.3	0.6	-5.7	PASS
6523.395802	-6.3	0.6	-5.7	PASS
6517.398801	-6.3	0.6	-5.7	PASS
6523.095952	-6.4	0.6	-5.7	PASS
6506.004498	-6.4	0.6	-5.7	PASS
6512.001499	-6.4	0.6	-5.7	PASS
6507.203898	-6.4	0.7	-5.7	PASS

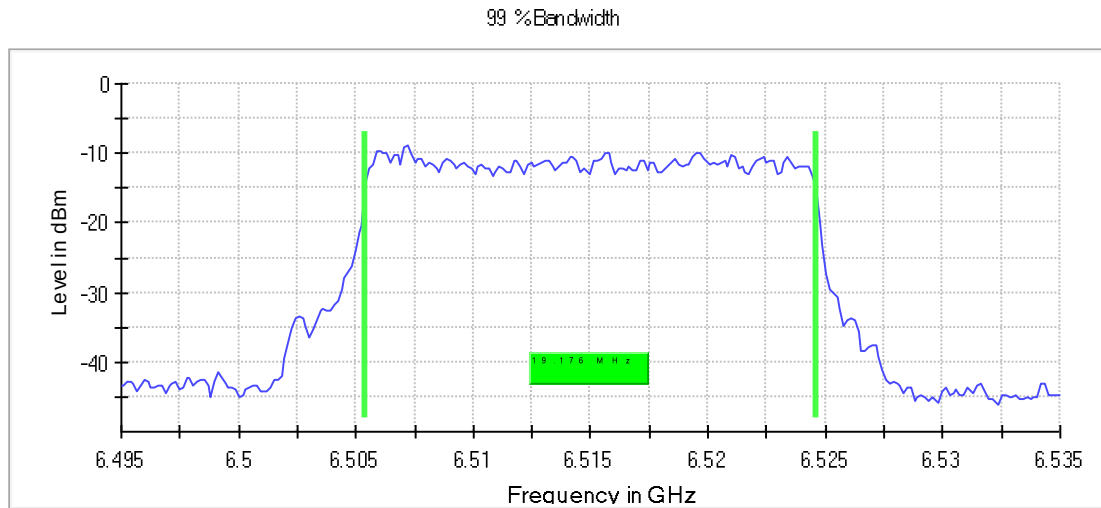


Occupied Channel Bandwidth 99% (6515 MHz; 24.000 dBm; 20 MHz)

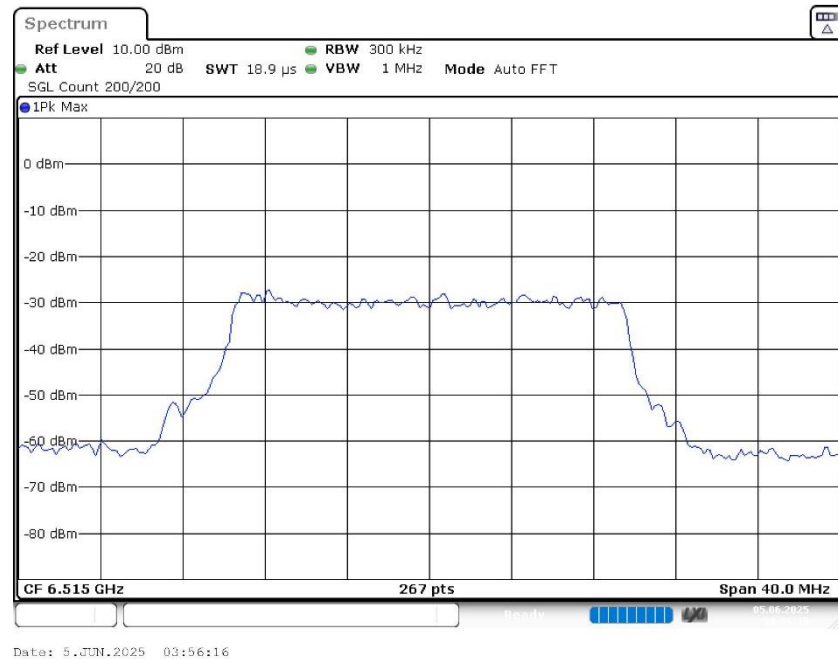
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6515.000000	19.176030	---	320.000000	6505.411985	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6515.000000	6524.588015	7125.000000	PASS



Bandwidth



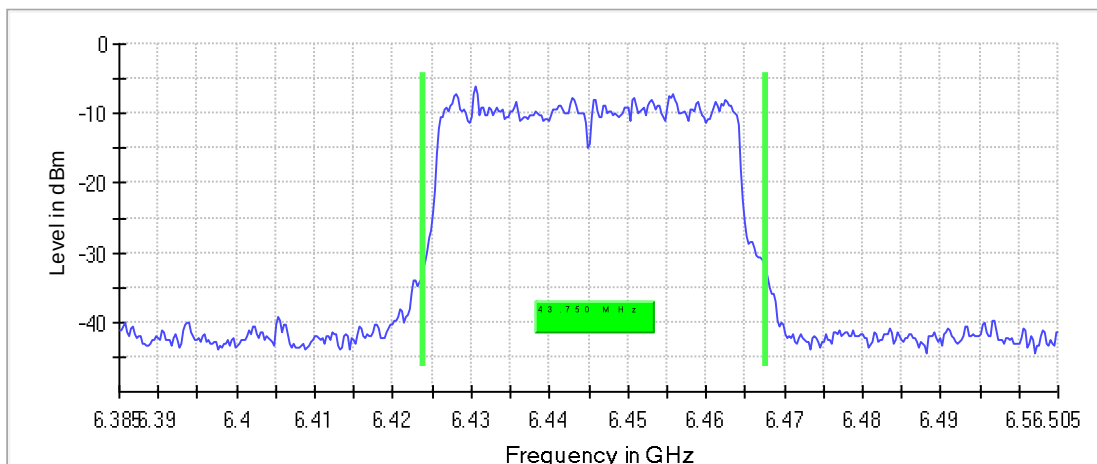
Emission Bandwidth 26 dB (6445 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

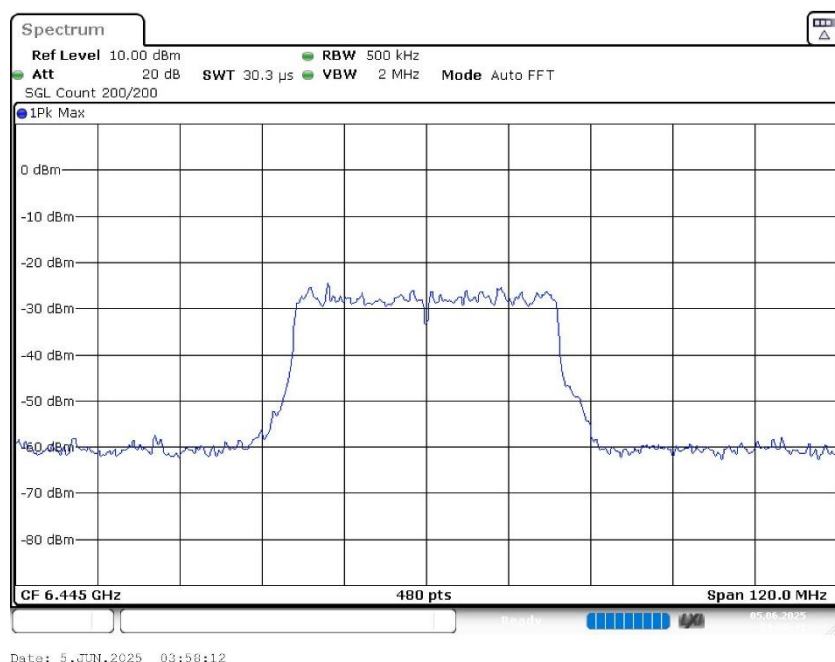
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6445.000000	43.750000	---	320.000000	6423.875000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6445.000000	6467.625000	---	-6.2	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.38500 GHz	6.38500 GHz
Stop Frequency	6.50500 GHz	6.50500 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 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

In-Band Emissions (6445 MHz; 24.000 dBm; 40 MHz)

Result

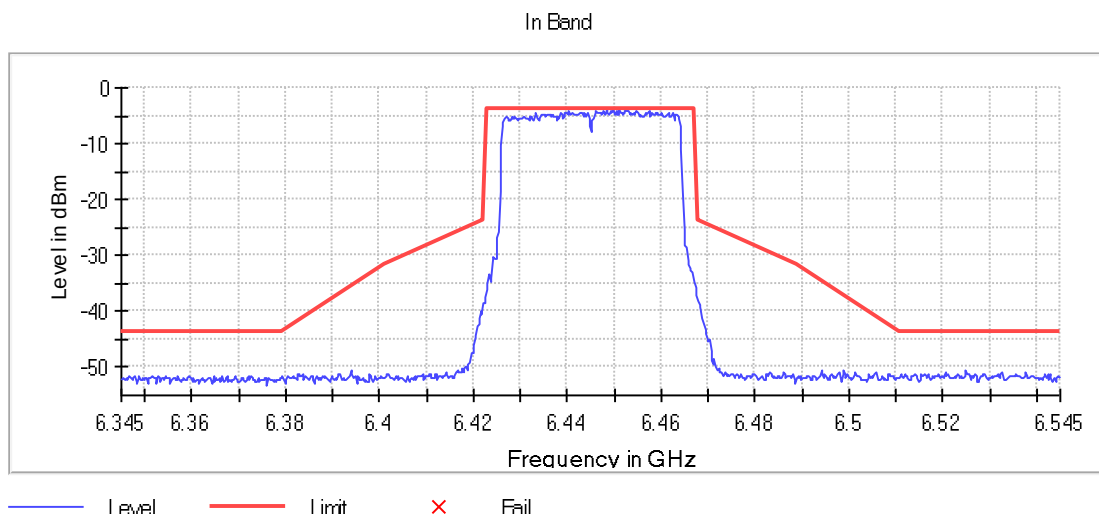
DUT Frequency (MHz)	Result
6445.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6448.375000	-3.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6448.375000	-3.7	0.0	-3.7	PASS
6451.125000	-3.9	0.2	-3.7	PASS
6449.875000	-3.9	0.2	-3.7	PASS
6452.875000	-4.0	0.3	-3.7	PASS
6457.375000	-4.0	0.4	-3.7	PASS
6449.125000	-4.1	0.4	-3.7	PASS
6449.625000	-4.1	0.4	-3.7	PASS
6440.375000	-4.1	0.5	-3.7	PASS
6452.375000	-4.2	0.5	-3.7	PASS
6453.125000	-4.2	0.5	-3.7	PASS
6447.875000	-4.2	0.6	-3.7	PASS
6454.625000	-4.2	0.6	-3.7	PASS
6450.375000	-4.2	0.6	-3.7	PASS
6454.875000	-4.2	0.6	-3.7	PASS
6452.625000	-4.3	0.6	-3.7	PASS



Measurement 1

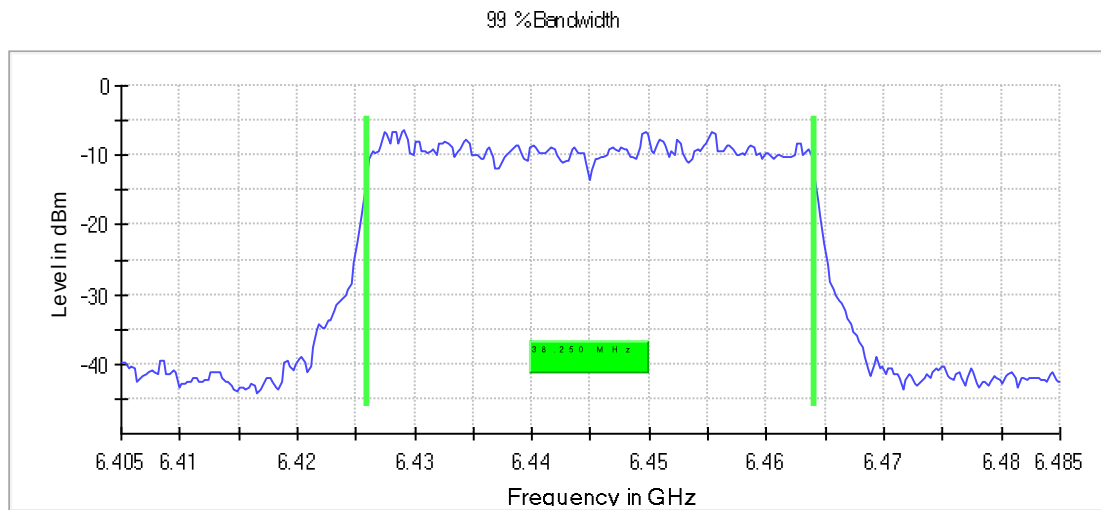
Setting	Instrument Value	Target Value
Start Frequency	6.34500 GHz	6.34500 GHz
Stop Frequency	6.54500 GHz	6.54500 GHz
Span	200.000 MHz	200.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	800	~ 800
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 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% (6445 MHz; 24.000 dBm; 40 MHz)

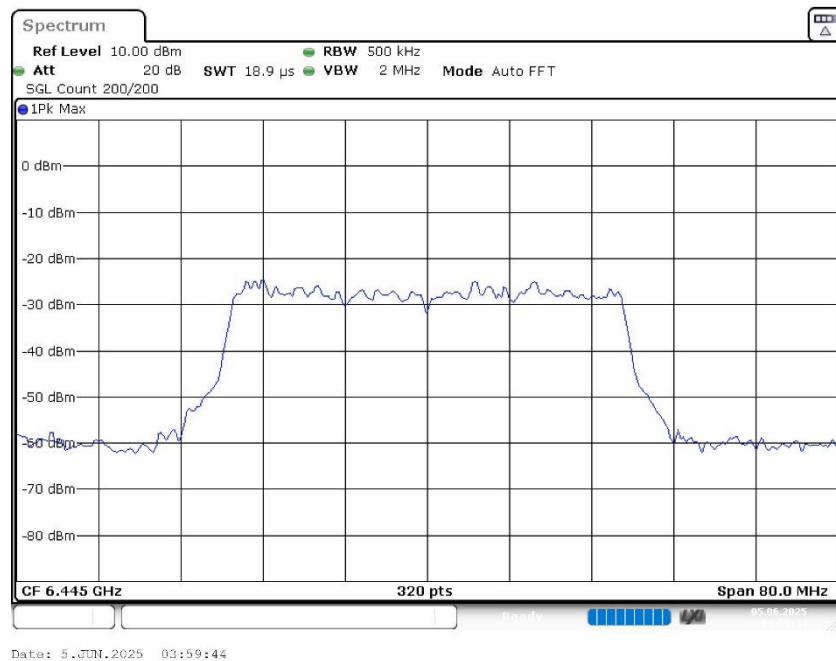
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6445.000000	38.250000	---	320.000000	6425.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6445.000000	6464.125000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.40500 GHz	6.40500 GHz
Stop Frequency	6.48500 GHz	6.48500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
Sweptime	18.906 μ s	AUTO
Reference Level	10.000 dBm	AUTO

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

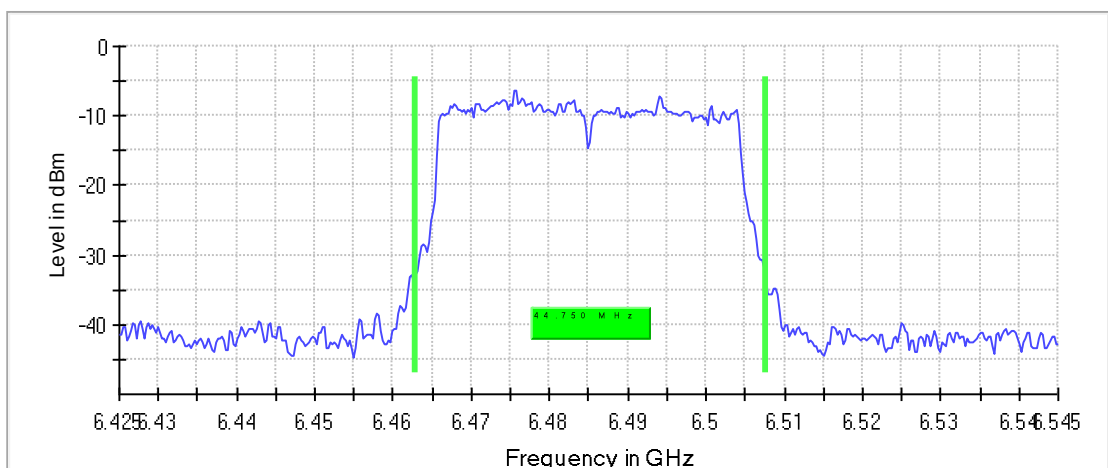
Emission Bandwidth 26 dB (6485 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

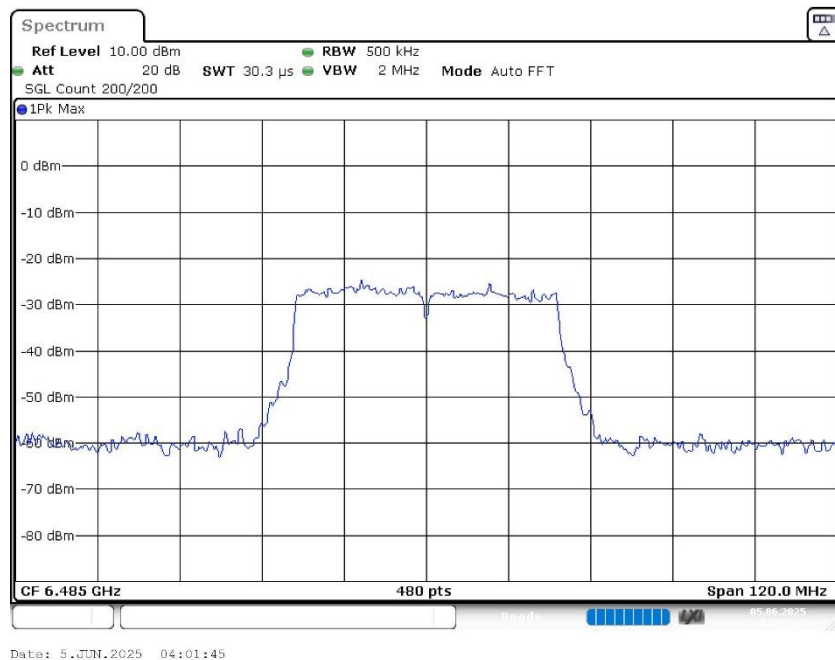
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6485.000000	44.750000	---	320.000000	6462.875000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6485.000000	6507.625000	---	-6.4	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6485 MHz; 24.000 dBm; 40 MHz)

Result

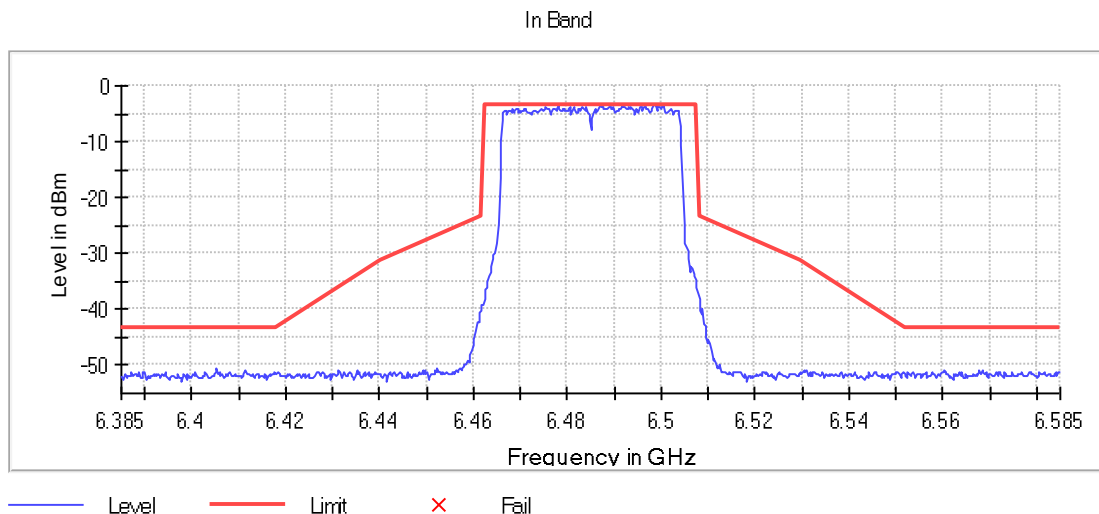
DUT Frequency (MHz)	Result
6485.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6491.625000	-3.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6491.625000	-3.4	0.0	-3.4	PASS
6487.125000	-3.5	0.0	-3.4	PASS
6498.625000	-3.5	0.0	-3.4	PASS
6500.625000	-3.5	0.1	-3.4	PASS
6498.875000	-3.6	0.2	-3.4	PASS
6478.125000	-3.6	0.2	-3.4	PASS
6498.375000	-3.6	0.2	-3.4	PASS
6486.875000	-3.6	0.2	-3.4	PASS
6487.625000	-3.6	0.2	-3.4	PASS
6489.875000	-3.7	0.3	-3.4	PASS
6495.875000	-3.7	0.3	-3.4	PASS
6493.125000	-3.7	0.3	-3.4	PASS
6481.375000	-3.8	0.3	-3.4	PASS
6492.375000	-3.8	0.4	-3.4	PASS
6499.625000	-3.8	0.4	-3.4	PASS

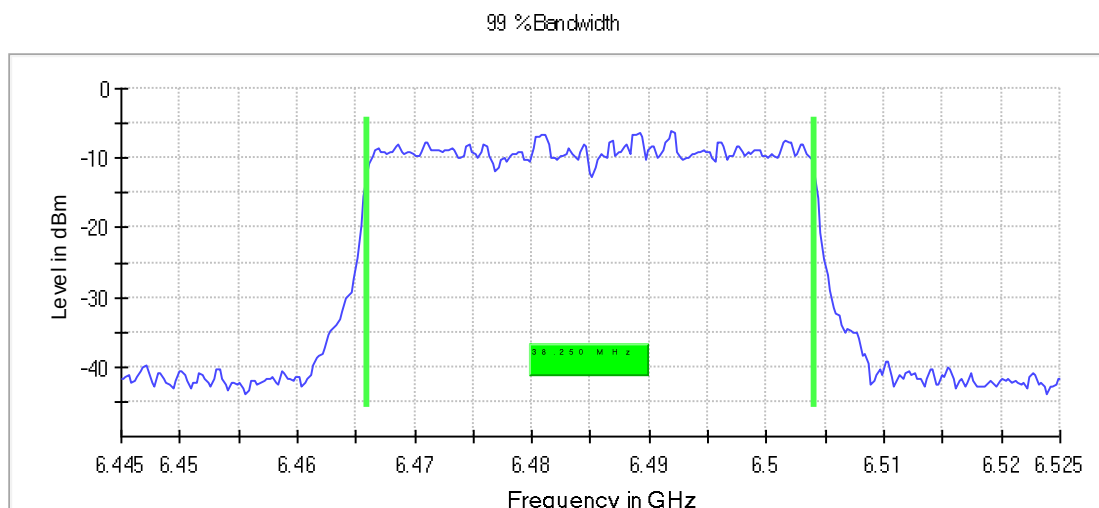


Occupied Channel Bandwidth 99% (6485 MHz; 24.000 dBm; 40 MHz)

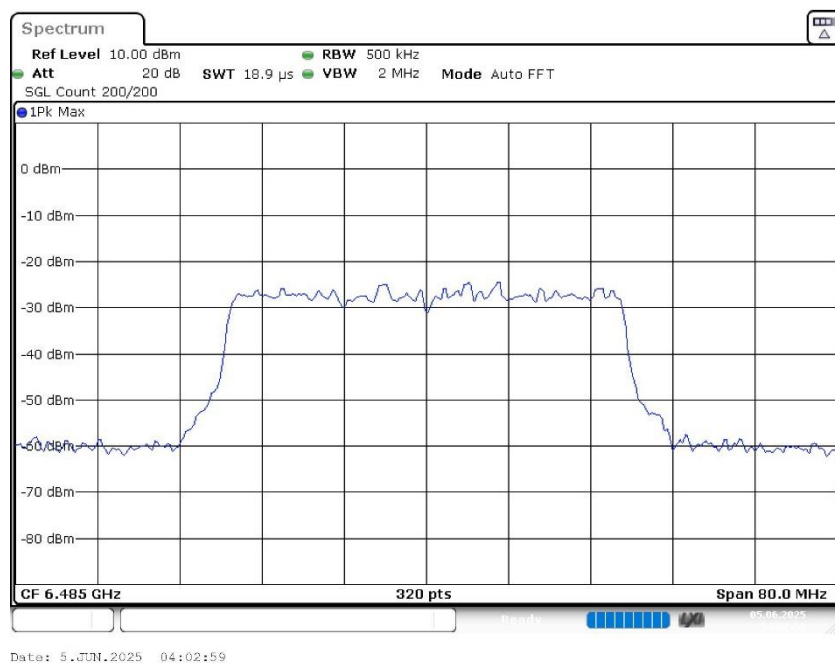
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6485.000000	38.250000	---	320.000000	6465.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6485.000000	6504.125000	7125.000000	PASS



Bandwidth

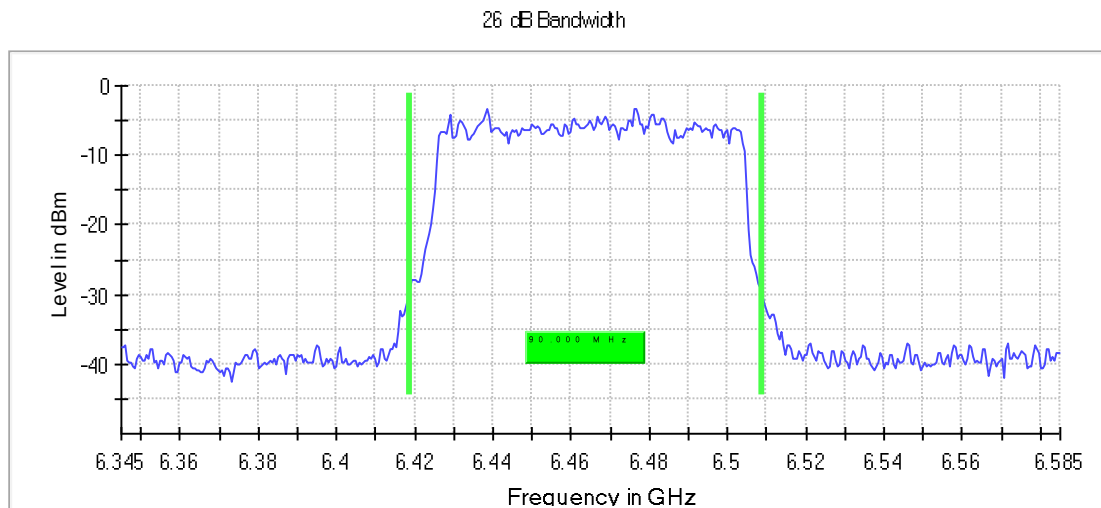


Emission Bandwidth 26 dB (6465 MHz; 24.000 dBm; 80 MHz)

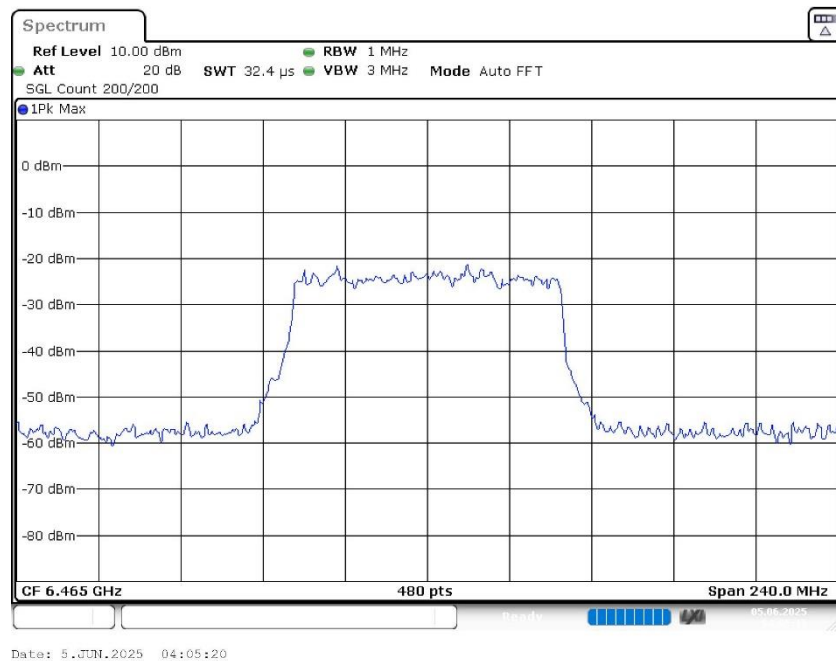
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6465.000000	90.000000	---	320.000000	6418.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6465.000000	6508.750000	---	-3.2	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.34500 GHz	6.34500 GHz
Stop Frequency	6.58500 GHz	6.58500 GHz
Span	240.000 MHz	240.000 MHz
RBW	1.000 MHz	>= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	480	~ 480
Sweptime	32.406 μ s	AUTO
Reference Level	10.000 dBm	AUTO

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

In-Band Emissions (6465 MHz; 24.000 dBm; 80 MHz)

Result

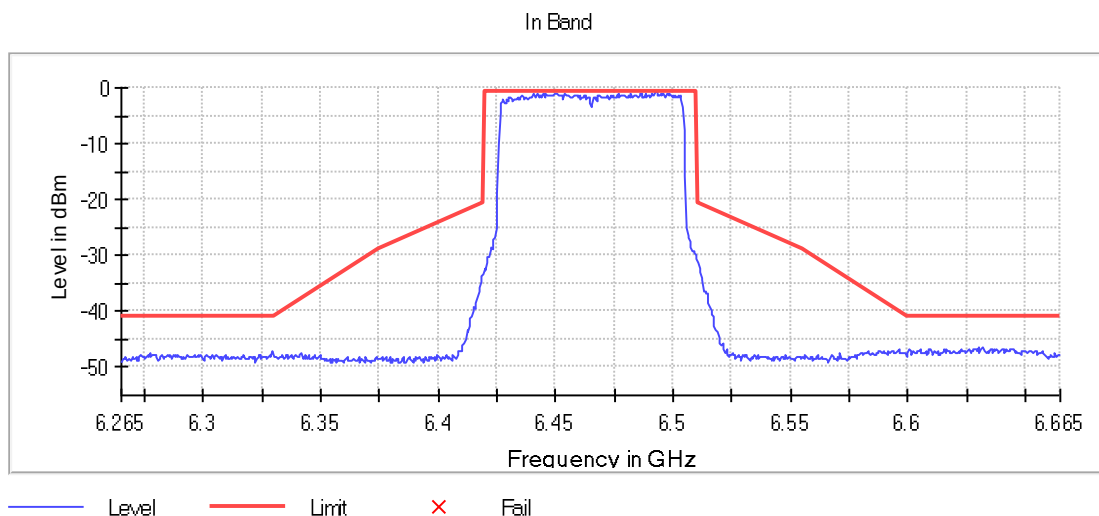
DUT Frequency (MHz)	Result
6465.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6493.250000	-0.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6493.250000	-0.8	0.0	-0.8	PASS
6492.250000	-0.8	0.0	-0.8	PASS
6492.750000	-0.9	0.1	-0.8	PASS
6486.750000	-0.9	0.1	-0.8	PASS
6497.750000	-0.9	0.1	-0.8	PASS
6486.250000	-0.9	0.2	-0.8	PASS
6444.750000	-1.0	0.2	-0.8	PASS
6453.750000	-1.0	0.2	-0.8	PASS
6488.250000	-1.0	0.2	-0.8	PASS
6491.250000	-1.0	0.3	-0.8	PASS
6476.750000	-1.0	0.3	-0.8	PASS
6450.250000	-1.0	0.3	-0.8	PASS
6495.750000	-1.0	0.3	-0.8	PASS
6496.250000	-1.1	0.3	-0.8	PASS
6482.250000	-1.1	0.3	-0.8	PASS



Measurement 1

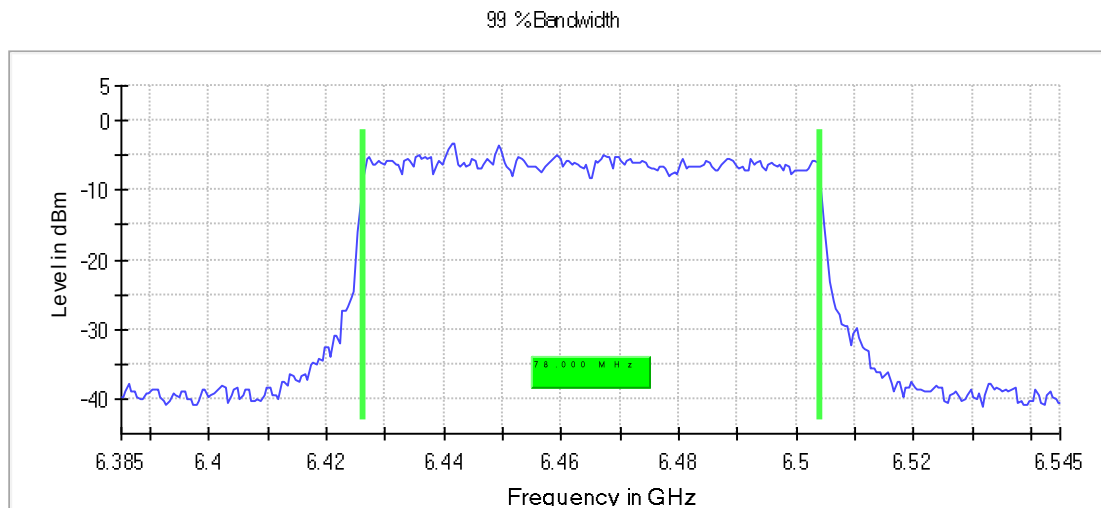
Setting	Instrument Value	Target Value
Start Frequency	6.26500 GHz	6.26500 GHz
Stop Frequency	6.66500 GHz	6.66500 GHz
Span	400.000 MHz	400.000 MHz
RBW	1.000 MHz	≥ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	800	~ 800
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 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% (6465 MHz; 24.000 dBm; 80 MHz)

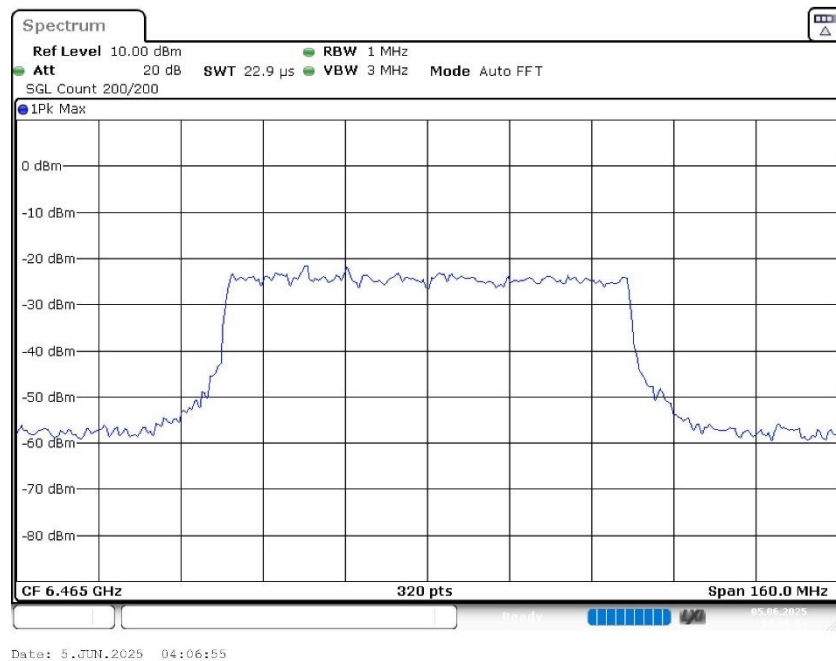
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6465.000000	78.000000	---	320.000000	6426.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6465.000000	6504.250000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.38500 GHz	6.38500 GHz
Stop Frequency	6.54500 GHz	6.54500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	≥ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	320	~ 320
Sweptime	22.875 μ s	AUTO
Reference Level	10.000 dBm	AUTO

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

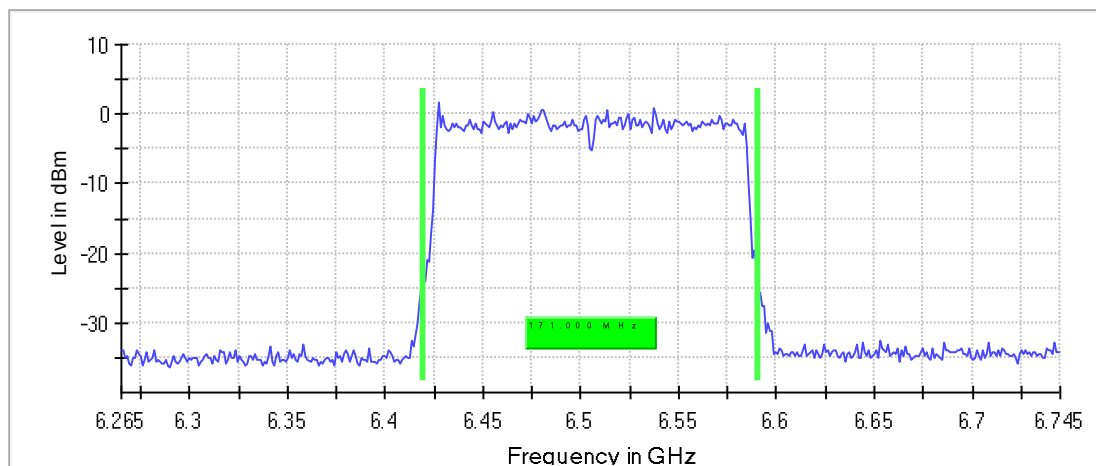
Emission Bandwidth 26 dB (6505 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

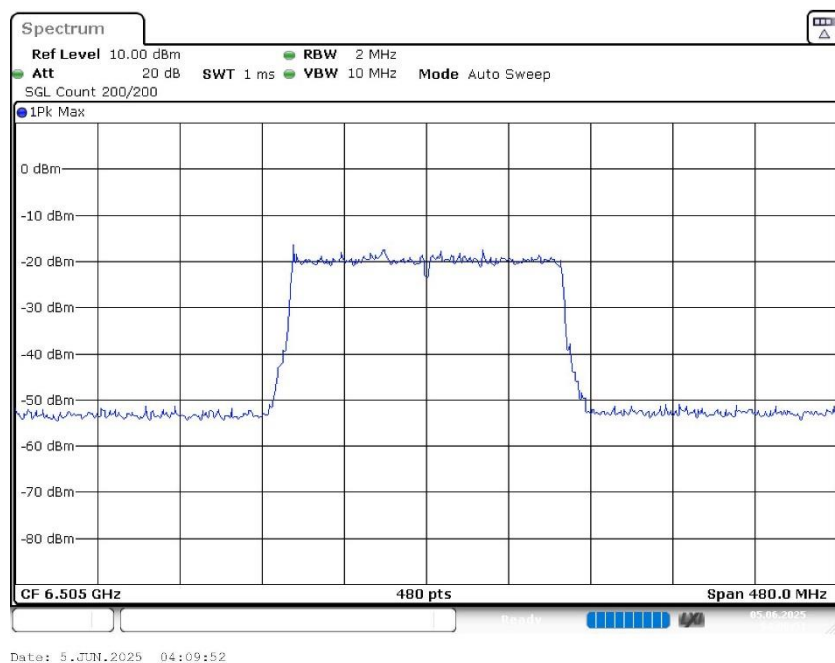
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	171.000000	105.500000	65.500000	---	320.000000

DUT Frequency (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6505.000000	6419.500000	---	6590.500000	---	1.7	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.26500 GHz	6.26500 GHz
Stop Frequency	6.74500 GHz	6.74500 GHz
Span	480.000 MHz	480.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	480	~ 480
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

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

Result

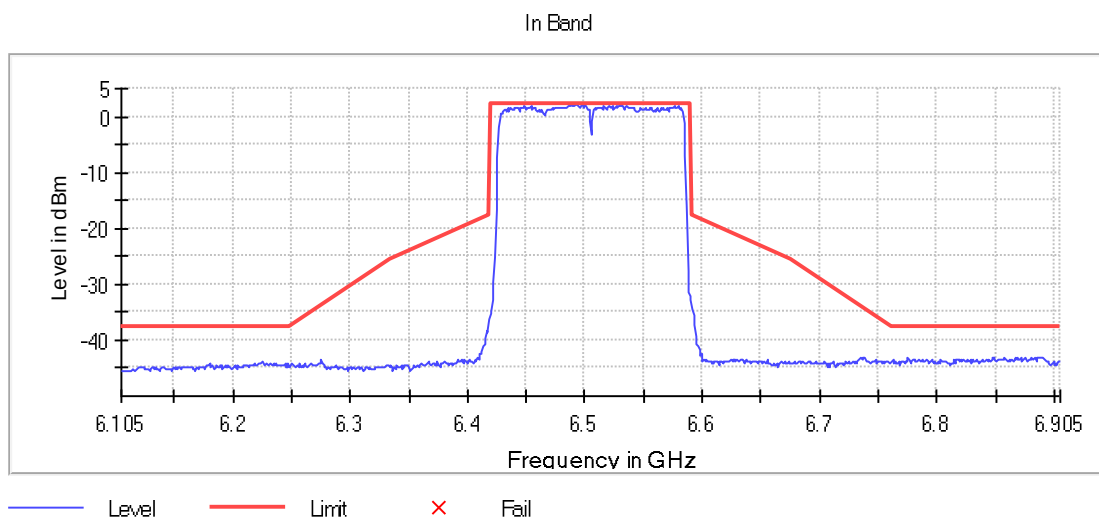
DUT Frequency (MHz)	Result
6505.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6497.500000	2.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6488.500000	2.2	0.2	2.4	PASS
6492.500000	2.1	0.3	2.4	PASS
6529.500000	2.1	0.3	2.4	PASS
6493.500000	2.0	0.3	2.4	PASS
6499.500000	2.0	0.3	2.4	PASS
6532.500000	2.0	0.4	2.4	PASS
6494.500000	2.0	0.4	2.4	PASS
6520.500000	1.9	0.5	2.4	PASS
6454.500000	1.9	0.5	2.4	PASS
6516.500000	1.9	0.5	2.4	PASS
6530.500000	1.9	0.5	2.4	PASS
6500.500000	1.9	0.5	2.4	PASS
6485.500000	1.9	0.5	2.4	PASS
6489.500000	1.9	0.5	2.4	PASS
6491.500000	1.9	0.5	2.4	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.10500 GHz	6.10500 GHz
Stop Frequency	6.90500 GHz	6.90500 GHz
Span	800.000 MHz	800.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	800	~ 800
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	AUTO
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

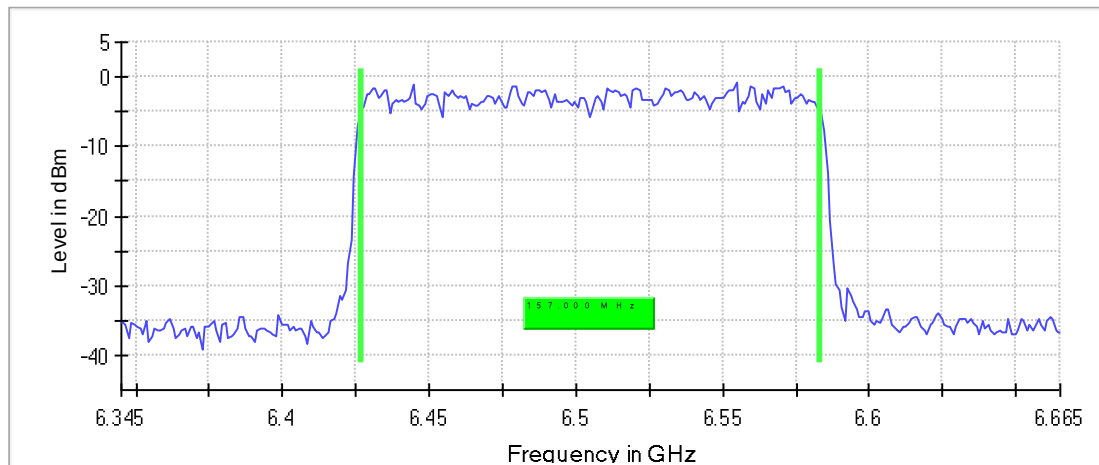
Occupied Channel Bandwidth 99% (6505 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

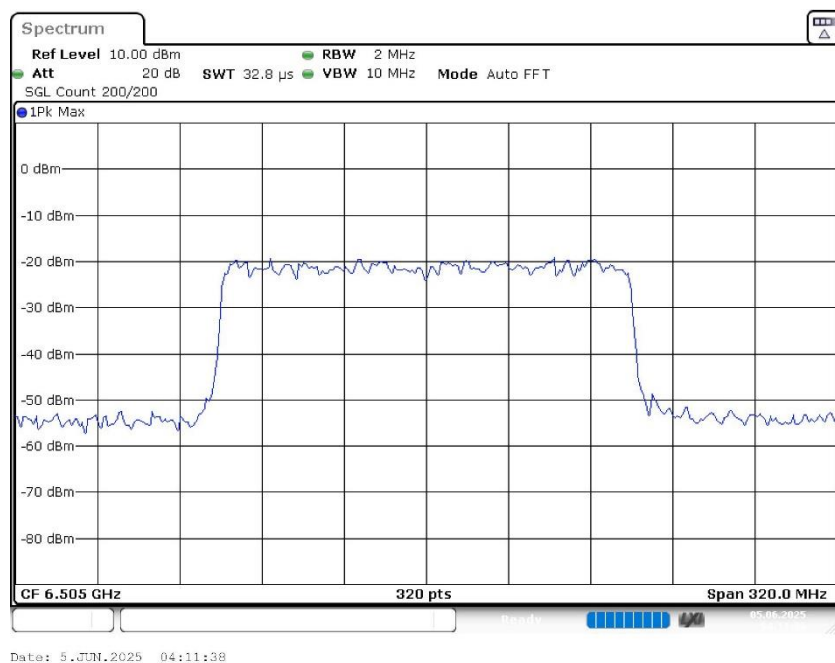
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 6 (MHz)	Bandwidth U-NII 7 (MHz)	Limit Min (MHz)	Limit Max (MHz)
6505.000000	157.000000	98.500000	58.500000	---	320.000000

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

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.34500 GHz	6.34500 GHz
Stop Frequency	6.66500 GHz	6.66500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320
SweepTime	32.813 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

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

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

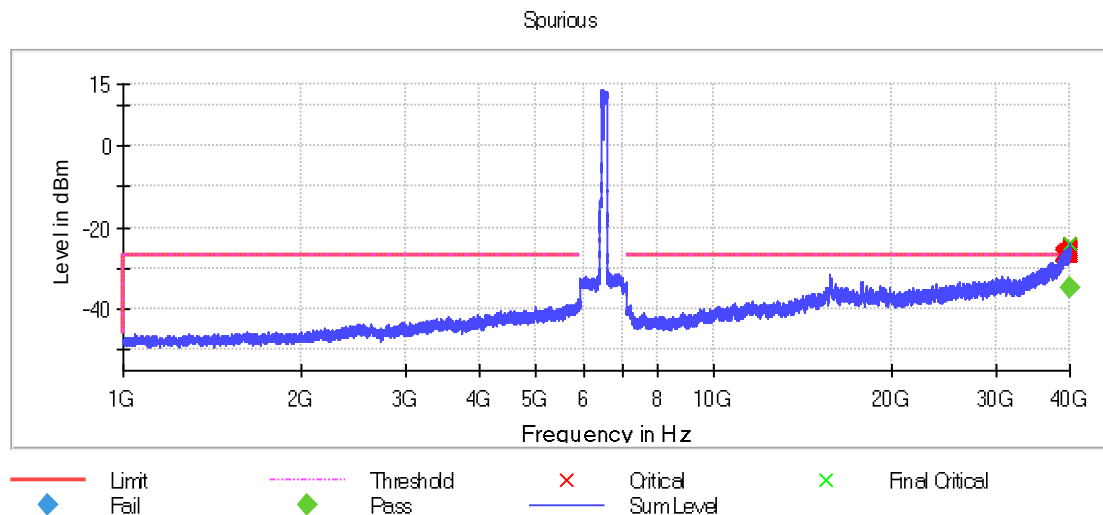
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
39942.250000	-24.1	-34.8	-27.0	7.8	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39942.250000	-24.1	-2.9	-27.0
39970.250000	-24.1	-2.9	-27.0
39928.750000	-24.1	-2.9	-27.0
39953.250000	-24.2	-2.8	-27.0
39952.250000	-24.2	-2.8	-27.0
39983.750000	-24.4	-2.6	-27.0
39972.250000	-24.5	-2.5	-27.0
39995.750000	-24.5	-2.5	-27.0
39942.750000	-24.6	-2.4	-27.0
39979.250000	-24.6	-2.4	-27.0
39918.250000	-24.8	-2.2	-27.0
39964.250000	-24.8	-2.2	-27.0
39951.750000	-24.8	-2.2	-27.0
39971.750000	-24.8	-2.2	-27.0
39972.750000	-24.9	-2.1	-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) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

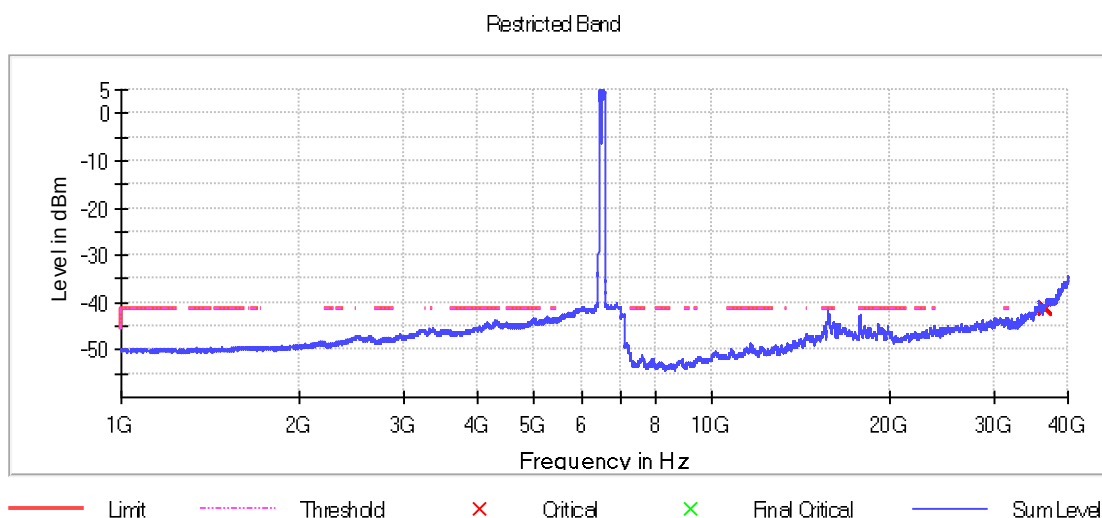
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36499.015656	-40.8	-0.4	-41.2
36490.078435	-40.9	-0.3	-41.2
36496.265742	-41.0	-0.2	-41.2
36494.890785	-41.0	-0.2	-41.2
36485.953564	-41.0	-0.2	-41.2
36487.328521	-41.0	-0.2	-41.2
36496.953220	-41.0	-0.2	-41.2
36479.766257	-41.0	-0.2	-41.2
36499.703134	-41.0	-0.2	-41.2
36495.578263	-41.0	-0.2	-41.2
36498.328177	-41.0	-0.2	-41.2
36488.703478	-41.1	-0.1	-41.2
36483.203650	-41.1	-0.1	-41.2
36497.640699	-41.1	-0.1	-41.2
36482.516171	-41.1	-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) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6505.000000	PASS

Final measurements

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

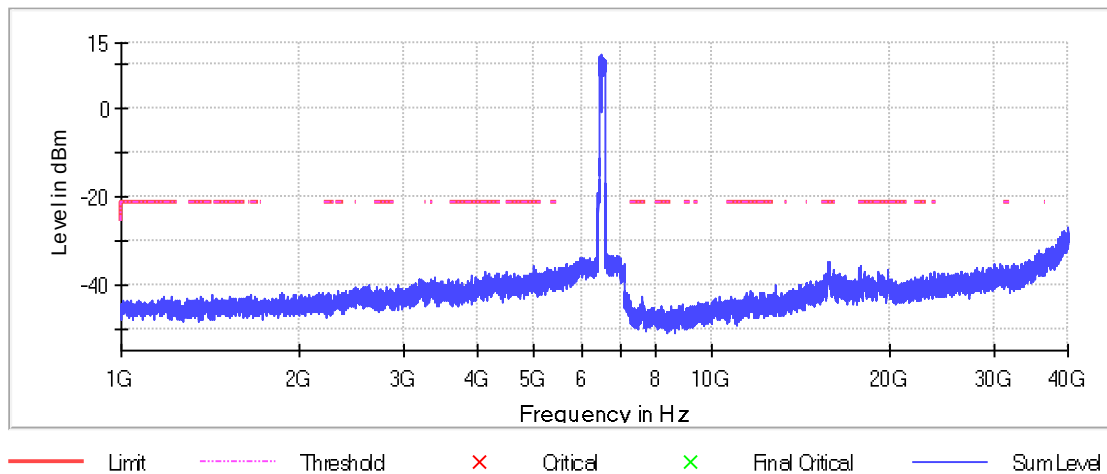
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36484.578607	-33.5	12.3	-21.2
36475.641386	-33.6	12.4	-21.2
36448.142246	-33.9	12.7	-21.2
36492.140871	-34.1	12.9	-21.2
36474.953908	-34.1	12.9	-21.2
36434.392675	-34.2	13.0	-21.2
36461.891816	-34.3	13.1	-21.2
36472.891472	-34.4	13.2	-21.2
36433.705197	-34.4	13.2	-21.2
36496.953220	-34.4	13.2	-21.2
36476.328865	-34.4	13.2	-21.2
36469.454080	-34.5	13.3	-21.2
36498.328177	-34.5	13.3	-21.2
36494.203306	-34.5	13.3	-21.2
36430.955283	-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



1.1.2 Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6435.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6475.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6515.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6445.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6485.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6465.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6505.000	24.0	160.000000	PASS

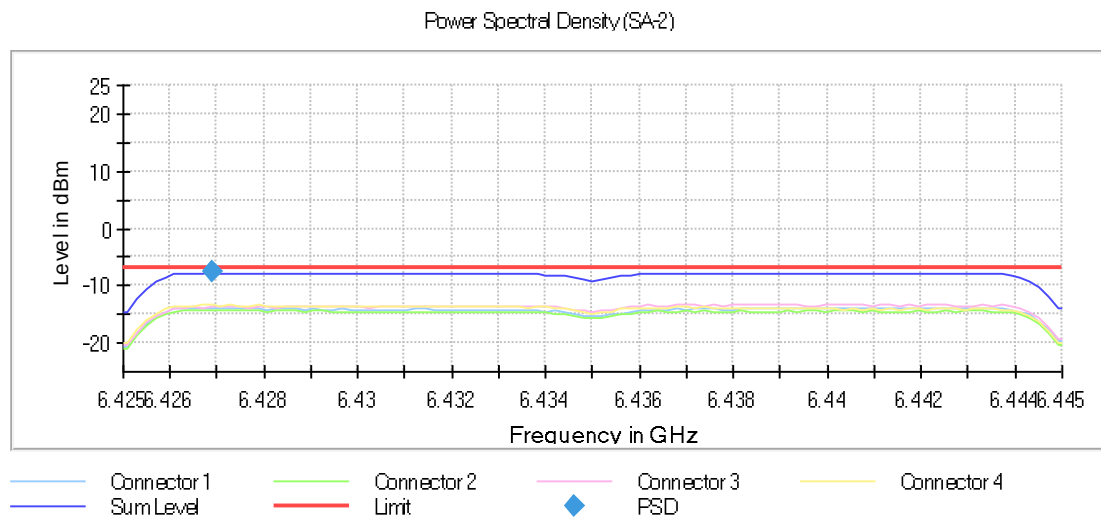
Power Spectral Density (SA-2) (6435 MHz; 24.000 dBm; 20 MHz)

Result

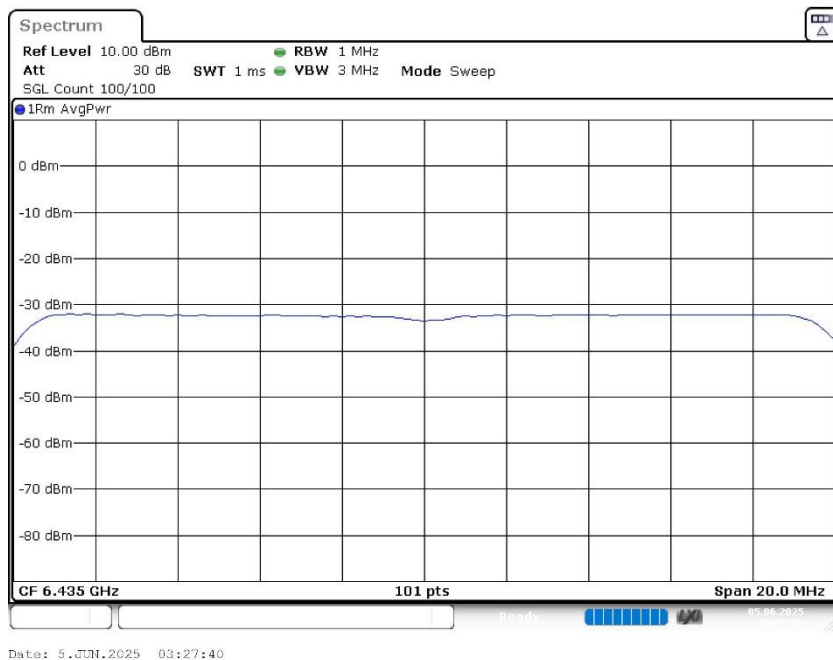
DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6435.000000	6426.881188	-7.681	-7.0	PASS

Ports

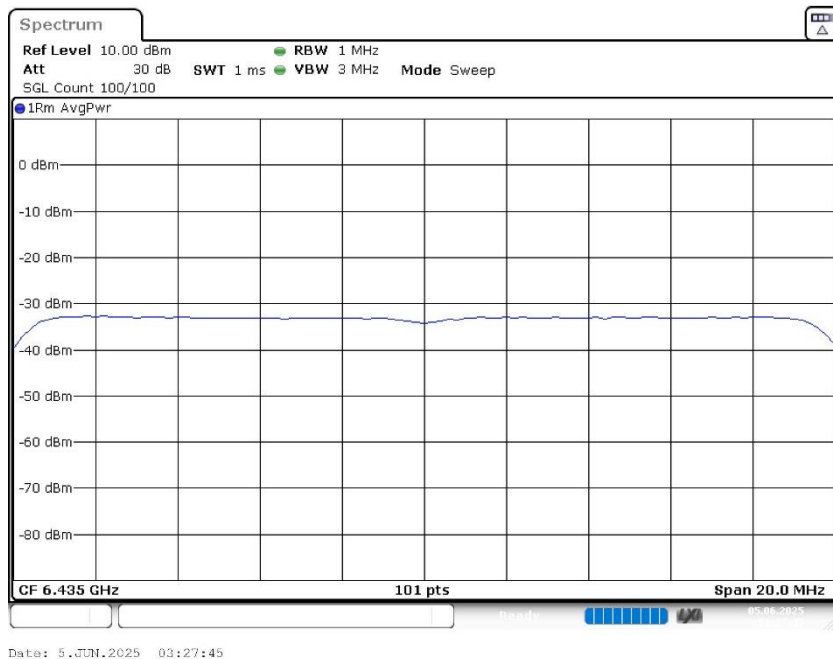
Port	State
1	used
2	used
3	used
4	used



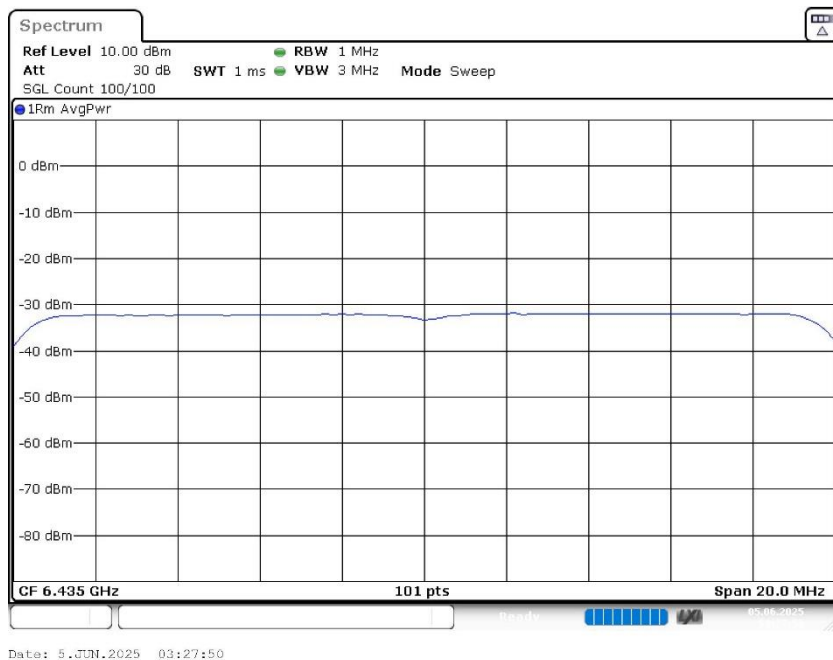
PSD Connector 1



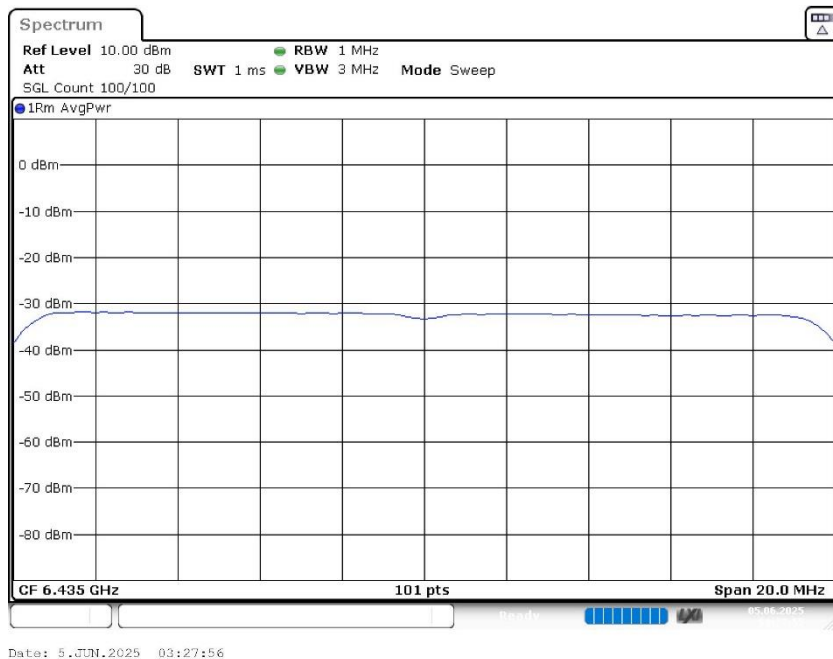
PSD Connector 2



PSD Connector 3



PSD Connector 4



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.42500 GHz	6.42500 GHz
Stop Frequency	6.44500 GHz	6.44500 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

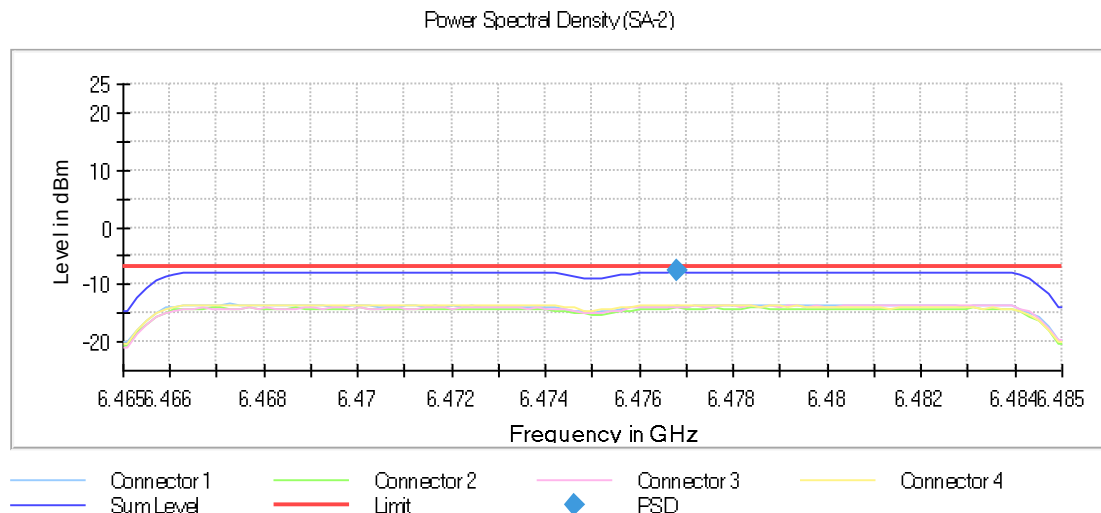
Power Spectral Density (SA-2) (6475 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6475.000000	6476.782178	-7.698	-7.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



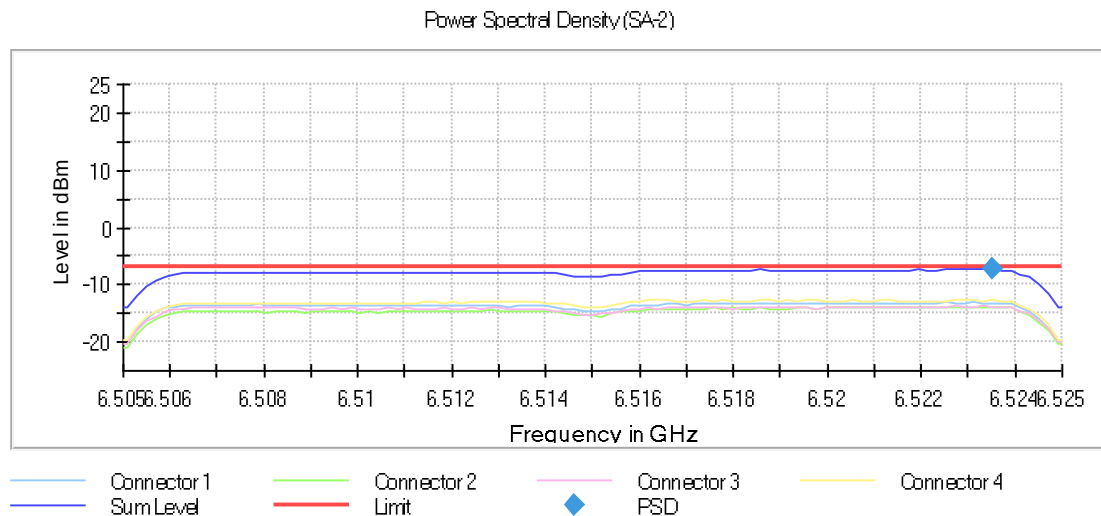
Power Spectral Density (SA-2) (6515 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6515.000000	6523.514851	-7.326	-7.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



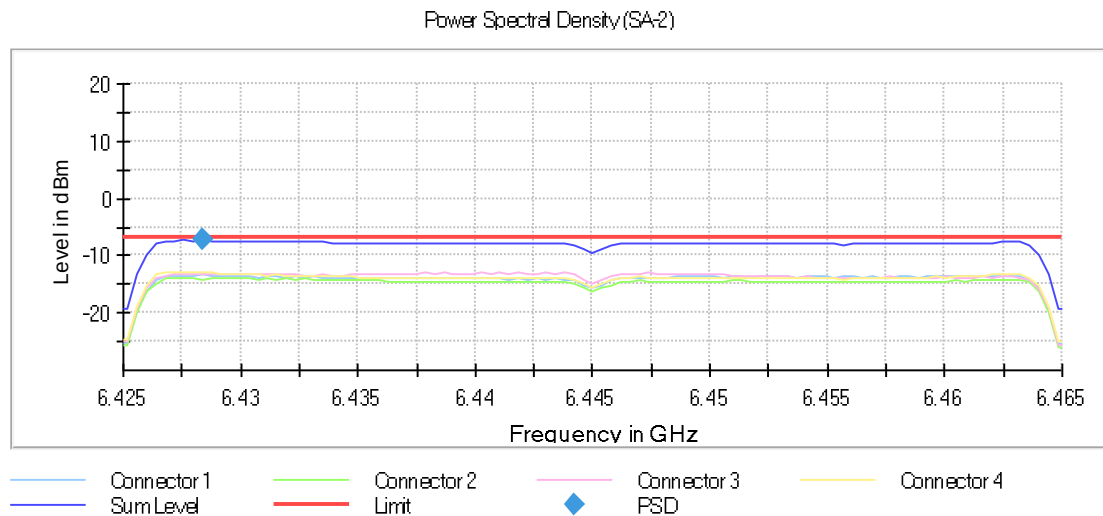
Power Spectral Density (SA-2) (6445 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6445.000000	6428.366337	-7.337	-7.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



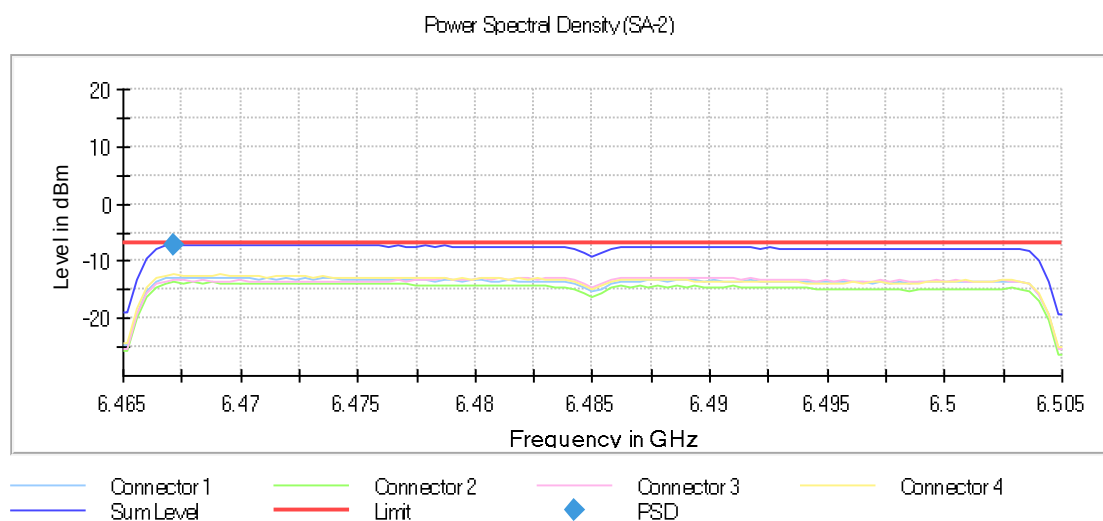
Power Spectral Density (SA-2) (6485 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6485.000000	6467.178218	-7.045	-7.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



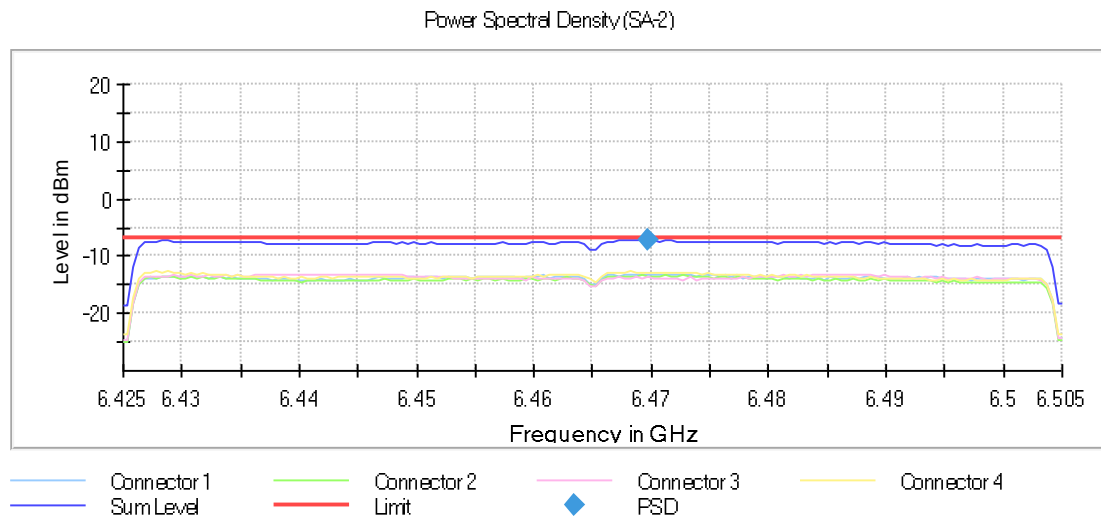
Power Spectral Density (SA-2) (6465 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6465.000000	6469.750000	-7.222	-7.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



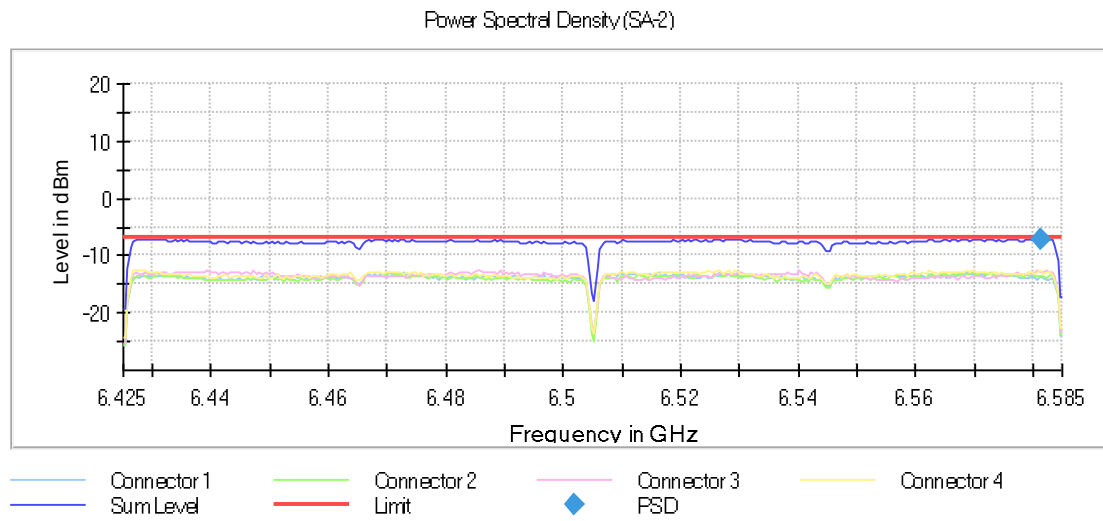
Power Spectral Density (SA-2) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6505.000000	6581.250000	-7.058	-7.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



RU's Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	6475.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)(2)	6475.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6445.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)(2)	6445.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6465.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)(2)	6465.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6505.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)(2)	6505.000	24.0	160.000000	PASS

Power Spectral Density (SA-2) (6475 MHz; 24.000 dBm; 20 MHz)

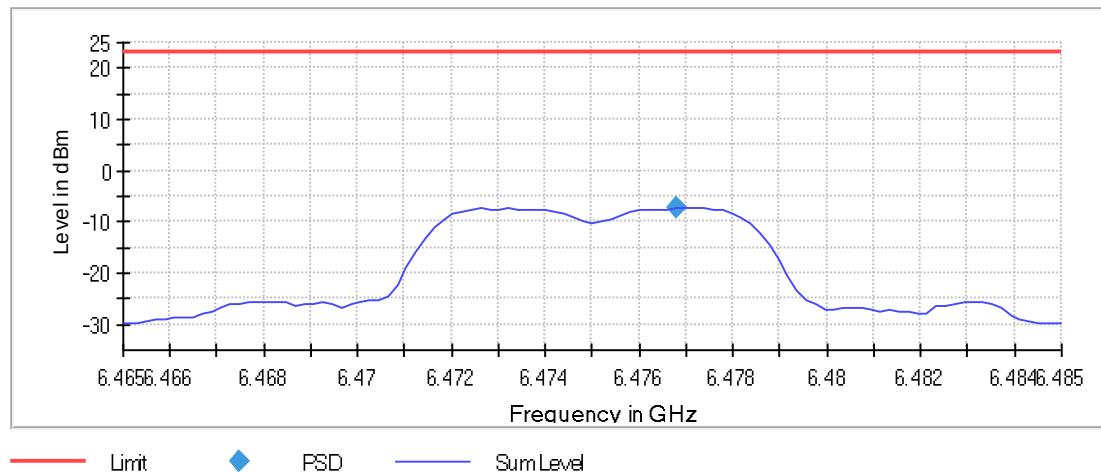
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6475.000000	6476.782178	-7.353	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used

Power Spectral Density (SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.46500 GHz	6.46500 GHz
Stop Frequency	6.48500 GHz	6.48500 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	0.13 dB	0.50 dB

Power Spectral Density (SA-2)(2) (6475 MHz; 24.000 dBm; 20 MHz)

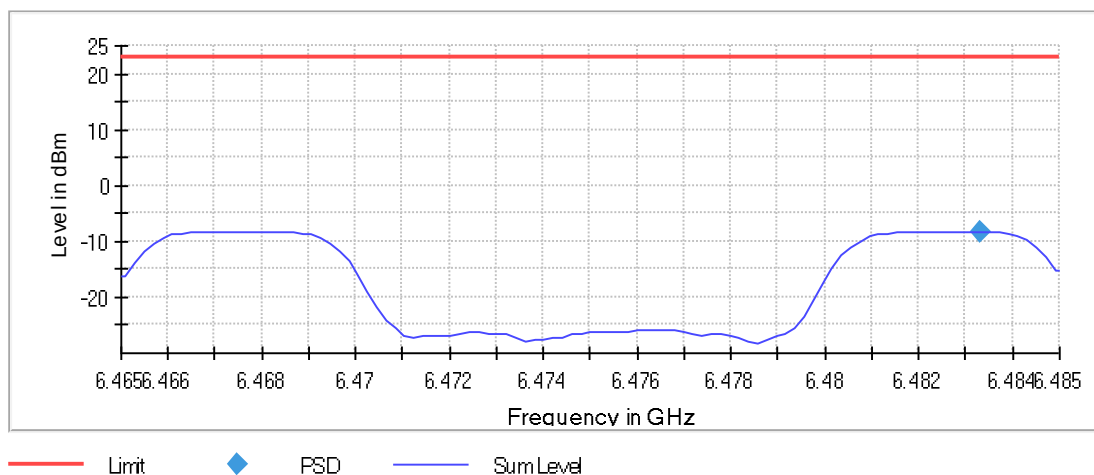
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6475.000000	6483.316832	-8.293	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used

Power Spectral Density(SA-2)(2)



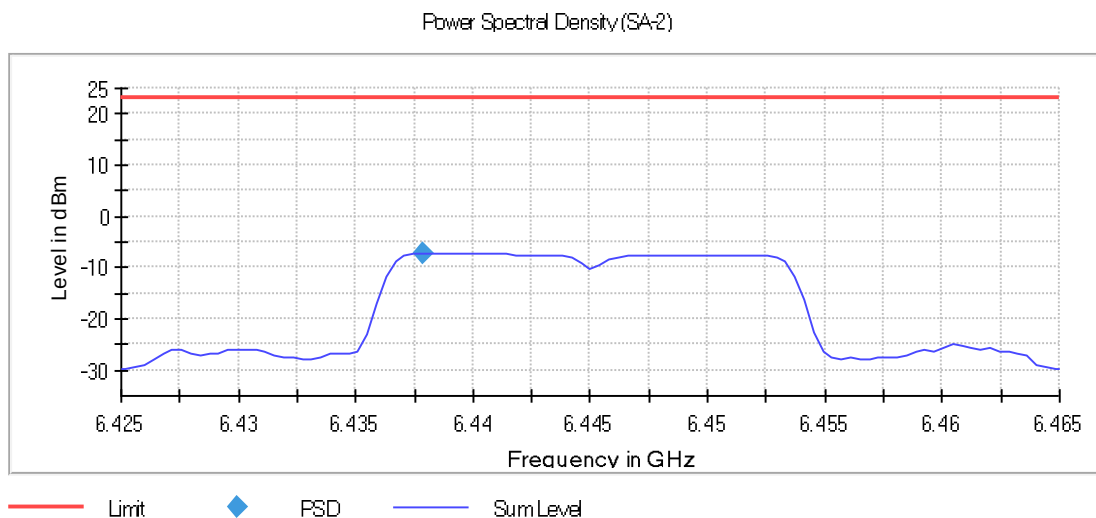
Power Spectral Density (SA-2) (6445 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6445.000000	6437.871287	-7.281	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



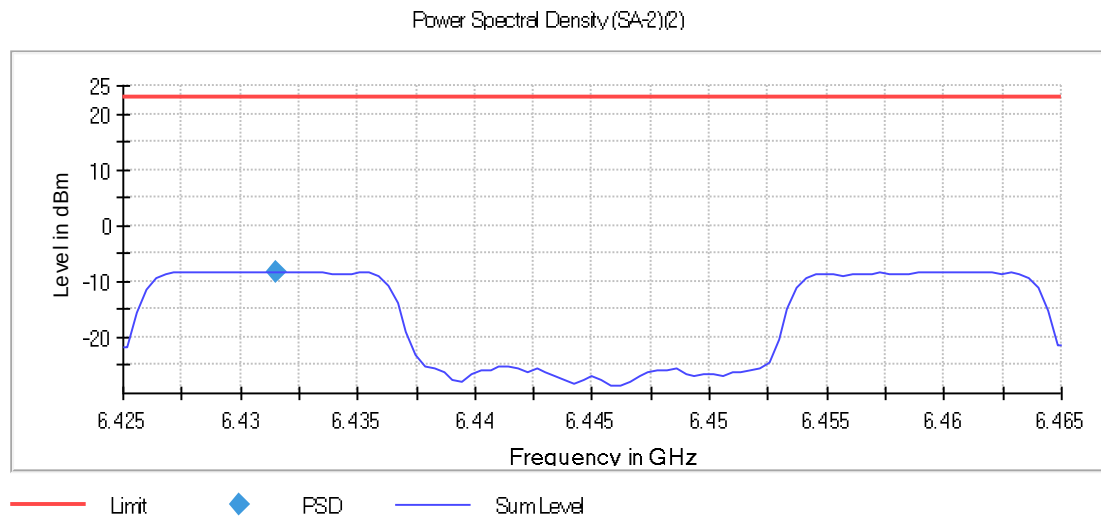
Power Spectral Density (SA-2)(2) (6445 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6445.000000	6431.534653	-8.324	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



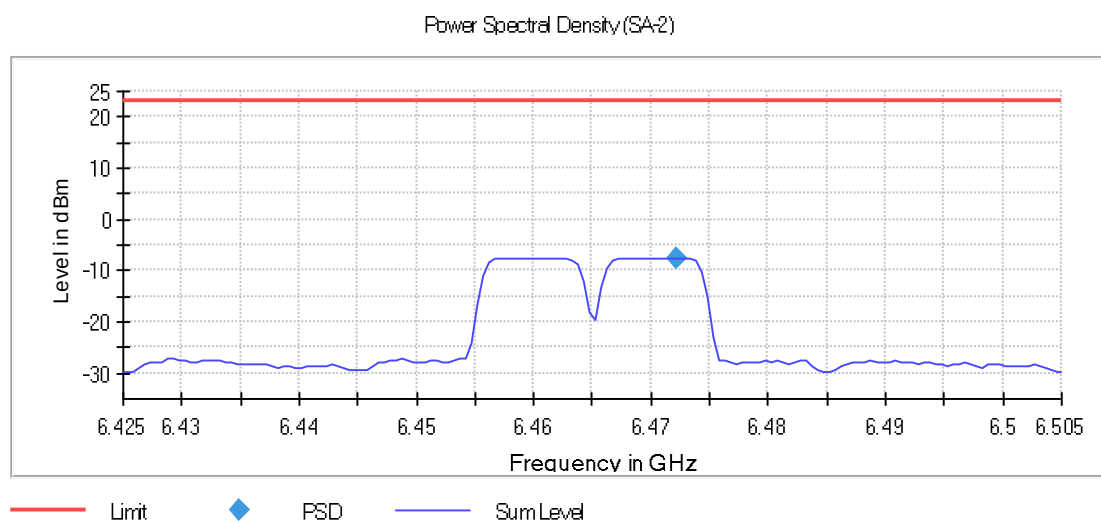
Power Spectral Density (SA-2) (6465 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6465.000000	6472.250000	-7.471	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



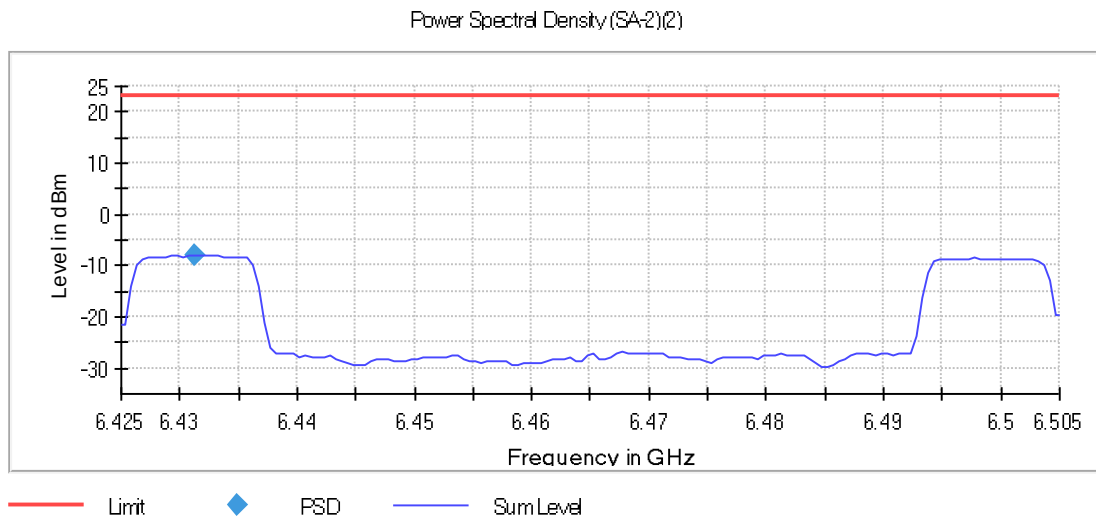
Power Spectral Density (SA-2)(2) (6465 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6465.000000	6431.250000	-8.049	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



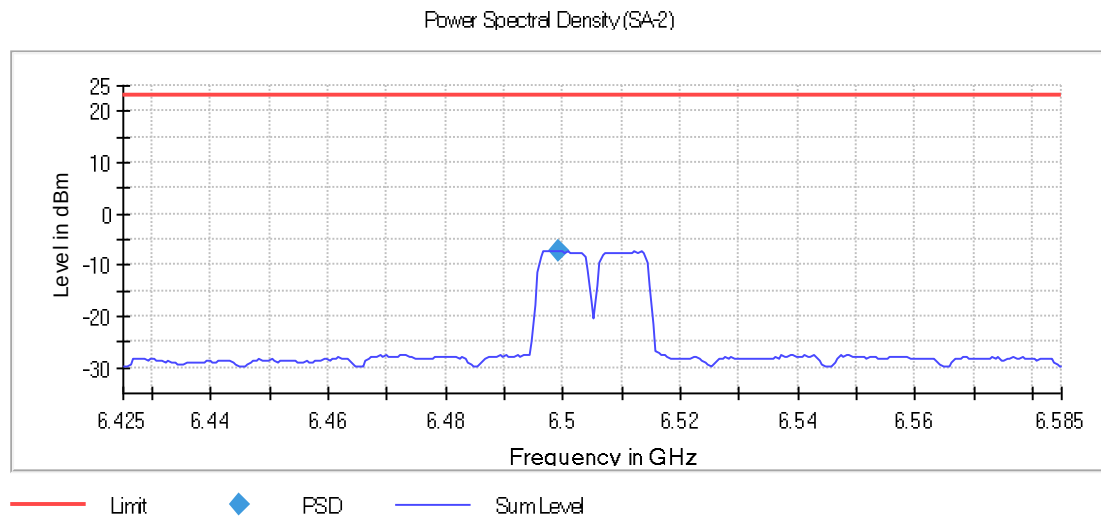
Power Spectral Density (SA-2) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6505.000000	6499.250000	-7.281	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



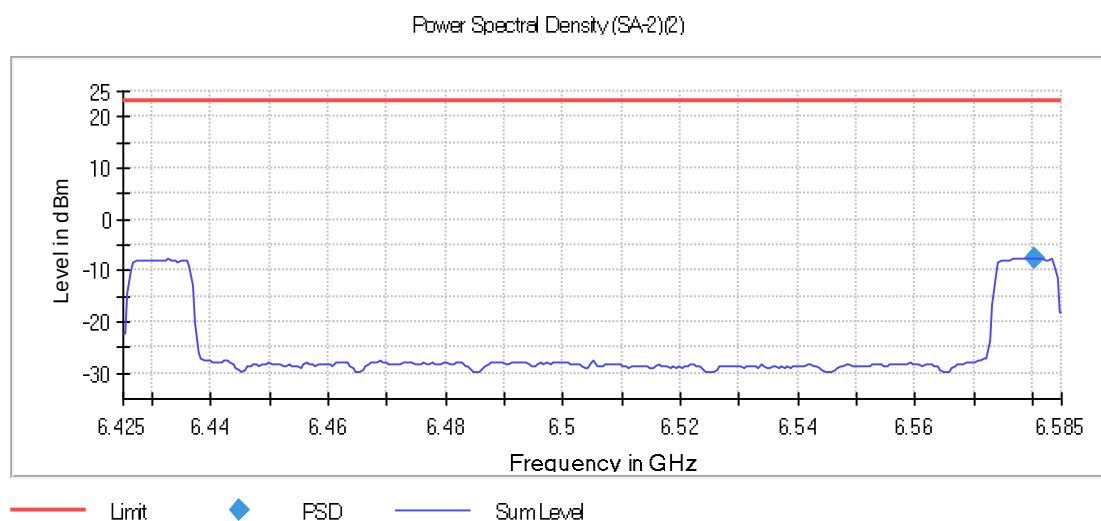
Power Spectral Density (SA-2)(2) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6505.000000	6580.250000	-7.574	23.0	PASS

Ports

Port	State
1	used
2	used
3	used
4	used



-- End of Report--