



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-UDBS
ISED ID	6545A-UDBS
Equipment Under Test	UDB-Switch
Test Report Serial Number	TR10401_01
Date of Tests	11 September 2024; 3 June 2025
Report Issue Date	7 October 2025

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 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 UNII-5

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 be Mode

1.1.1 Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5955.000	24.0	20.000000	PASS
RF output power	5955.000	24.0	20.000000	PASS
In-Band Emissions	5955.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5955.000	24.0	20.000000	PASS
Frequency Stability	5955.000	24.0	20.000000	PASS
RF output power	6115.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6195.000	24.0	20.000000	PASS
In-Band Emissions	6195.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6195.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6415.000	24.0	20.000000	PASS
In-Band Emissions	6415.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6415.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5965.000	24.0	40.000000	PASS
In-Band Emissions	5965.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5965.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6205.000	24.0	40.000000	PASS
In-Band Emissions	6205.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6205.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	6405.000	24.0	40.000000	PASS
In-Band Emissions	6405.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6405.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5985.000	24.0	80.000000	PASS
In-Band Emissions	5985.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5985.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6225.000	24.0	80.000000	PASS
In-Band Emissions	6225.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6225.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6385.000	24.0	80.000000	PASS
In-Band Emissions	6385.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6385.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	6025.000	24.0	160.000000	PASS
In-Band Emissions	6025.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6025.000	24.0	160.000000	PASS
Tx Spurious Emission	6025.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6025.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6025.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6185.000	24.0	160.000000	PASS
In-Band Emissions	6185.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	6185.000	24.0	160.000000	PASS
Tx Spurious Emission	6185.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6185.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6185.000	24.0	160.000000	PASS
Emission Bandwidth 26 dB	6325.000	24.0	160.000000	PASS
In-Band Emissions	6325.000	24.0	160.000000	PASS

Occupied Channel Bandwidth 99%	6325.000	24.0	160.000000	PASS
Tx Spurious Emission	6325.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Average)	6325.000	24.0	160.000000	PASS
Emissions in restricted frequency bands (Peak)	6325.000	24.0	160.000000	PASS
In-Band Emissions	6265.000	24.0	320.000000	PASS
Occupied Channel Bandwidth 99%	6265.000	24.0	320.000000	PASS
Tx Spurious Emission	6265.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Average)	6265.000	24.0	320.000000	PASS
Emissions in restricted frequency bands (Peak)	6265.000	24.0	320.000000	PASS

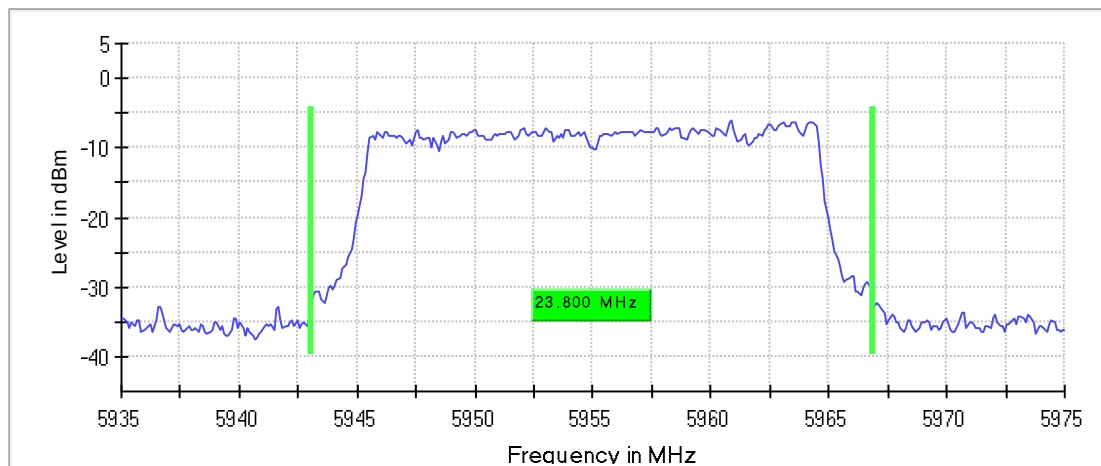
Emission Bandwidth 26 dB (5955 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

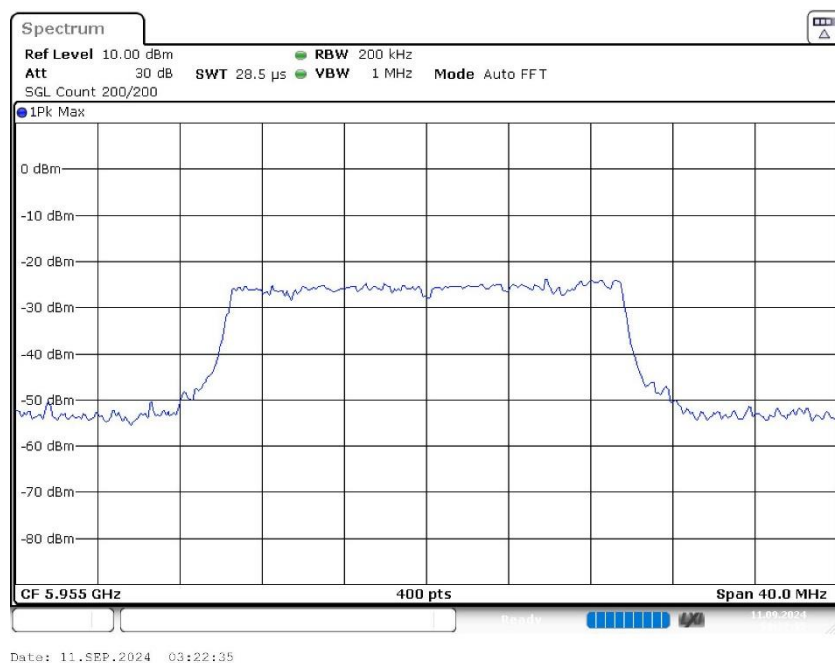
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5955.000000	23.800000	---	320.000000	5943.050000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
5955.000000	5966.850000	---	-6.1	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.93500 GHz	5.93500 GHz
Stop Frequency	5.97500 GHz	5.97500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	28.477 μ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

RF output power (5955 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
5955.000000	8.6	24.0	8.6	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 μ s	1.000 μ s

In-Band Emissions (5955 MHz; 24.000 dBm; 20 MHz)

Result

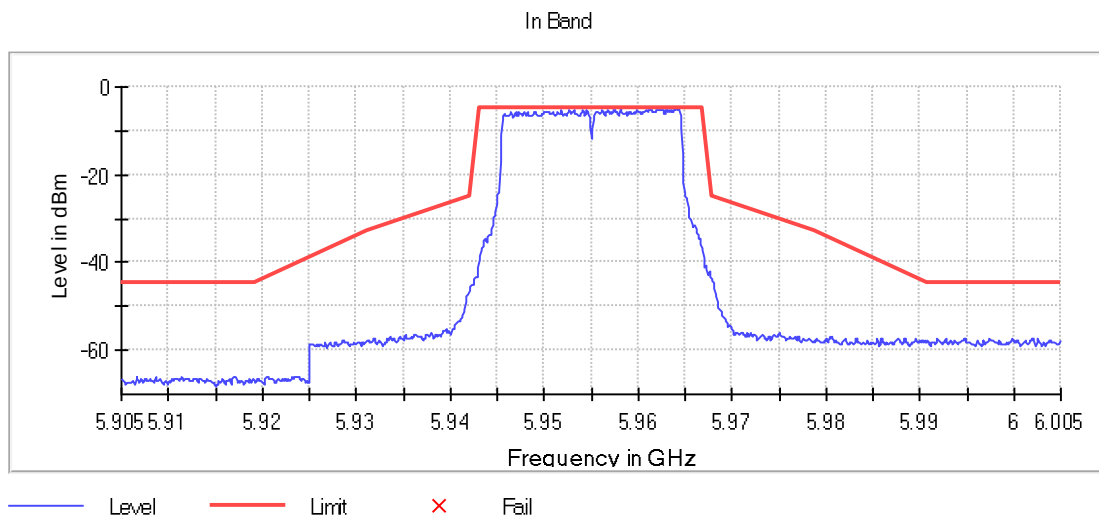
DUT Frequency (MHz)	Result
5955.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
5964.150000	-4.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5964.350000	-4.9	0.1	-4.8	PASS
5964.050000	-5.0	0.1	-4.8	PASS
5958.150000	-5.0	0.2	-4.8	PASS
5963.850000	-5.0	0.2	-4.8	PASS
5962.150000	-5.0	0.2	-4.8	PASS
5962.450000	-5.1	0.2	-4.8	PASS
5957.550000	-5.1	0.3	-4.8	PASS
5962.550000	-5.1	0.3	-4.8	PASS
5962.050000	-5.1	0.3	-4.8	PASS
5964.450000	-5.1	0.3	-4.8	PASS
5953.150000	-5.2	0.3	-4.8	PASS
5964.250000	-5.2	0.3	-4.8	PASS
5962.350000	-5.2	0.4	-4.8	PASS
5962.250000	-5.2	0.4	-4.8	PASS
5963.950000	-5.2	0.4	-4.8	PASS



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	5.90500 GHz	5.90500 GHz
Stop Frequency	6.00500 GHz	6.00500 GHz
Span	100.000 MHz	100.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	500.000 kHz	~ 600.000 kHz
SweepPoints	1000	~ 1000
SweepTime	1.050 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off

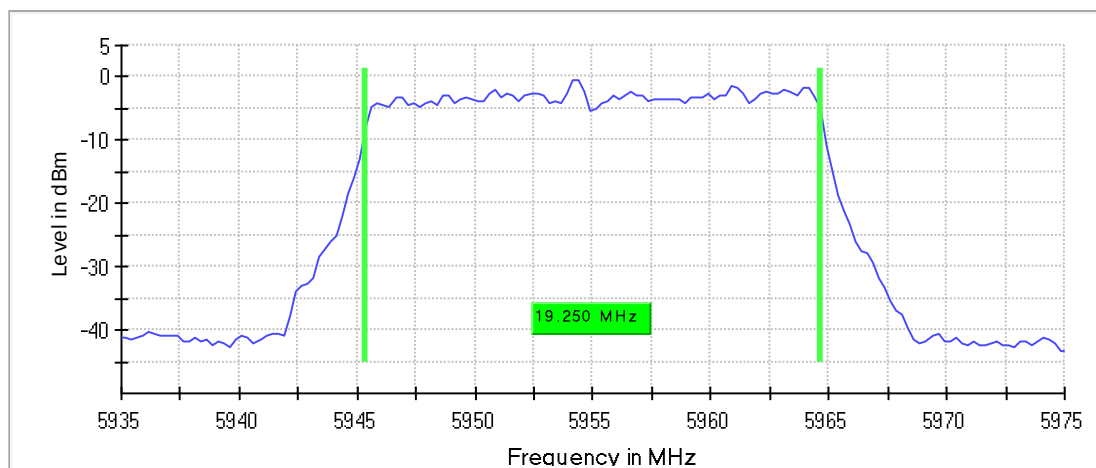
Occupied Channel Bandwidth 99% (5955 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5955.000000	19.250000	---	320.000000	5945.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5955.000000	5964.625000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Measurement

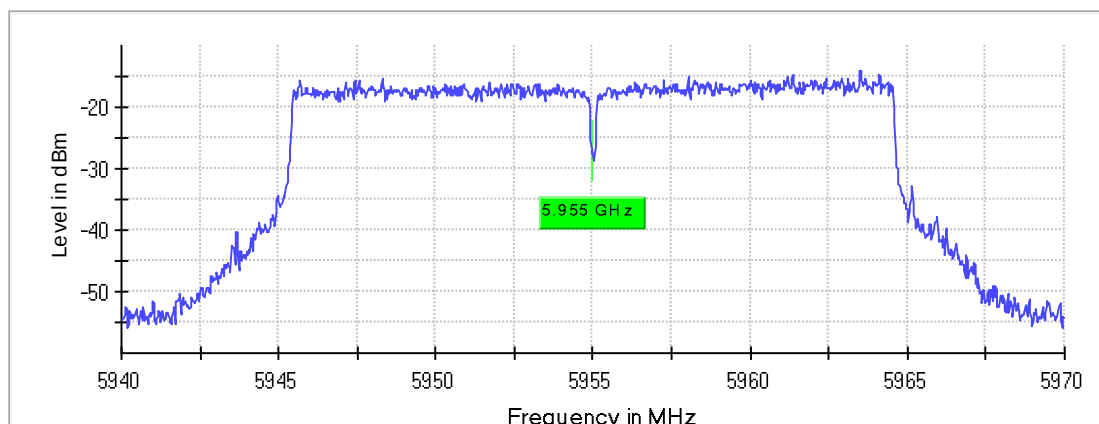
Setting	Instrument Value	Target Value
Start Frequency	5.93500 GHz	5.93500 GHz
Stop Frequency	5.97500 GHz	5.97500 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	≥ 500.000 kHz
VBW	2.000 MHz	≥ 1.500 MHz
SweepPoints	160	~ 160
SweepTime	11.344 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Frequency Stability (5955 MHz; 24.000 dBm; 20 MHz)

Result

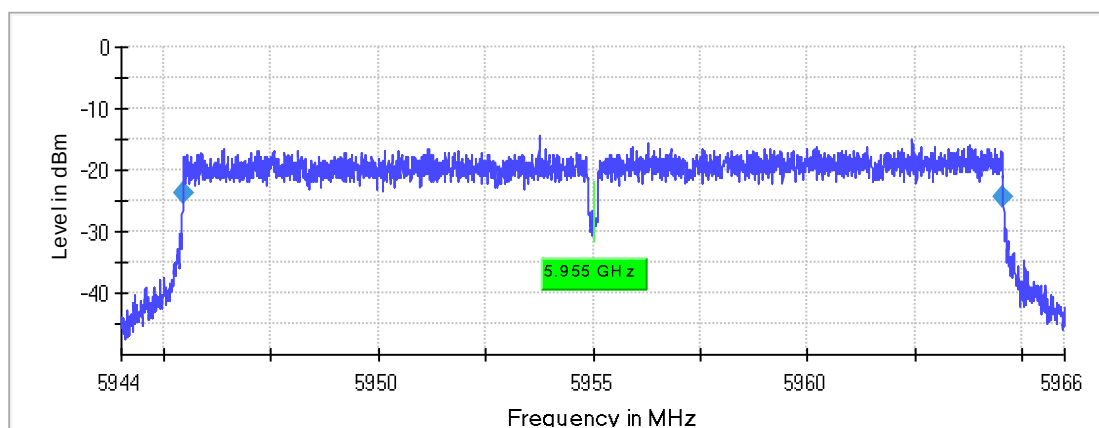
DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
5955.000000	5955.002200	0.369	2.200000	---	---	PASS

Frequency stability Pre



Center frequency Max Hold

Frequency stability



Edge points Max Hold Center frequency

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.94400 GHz	5.94400 GHz
Stop Frequency	5.96600 GHz	5.96600 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 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	50	50
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

RF output power (6115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6115.000000	9.1	24.0	9.1	99.715	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

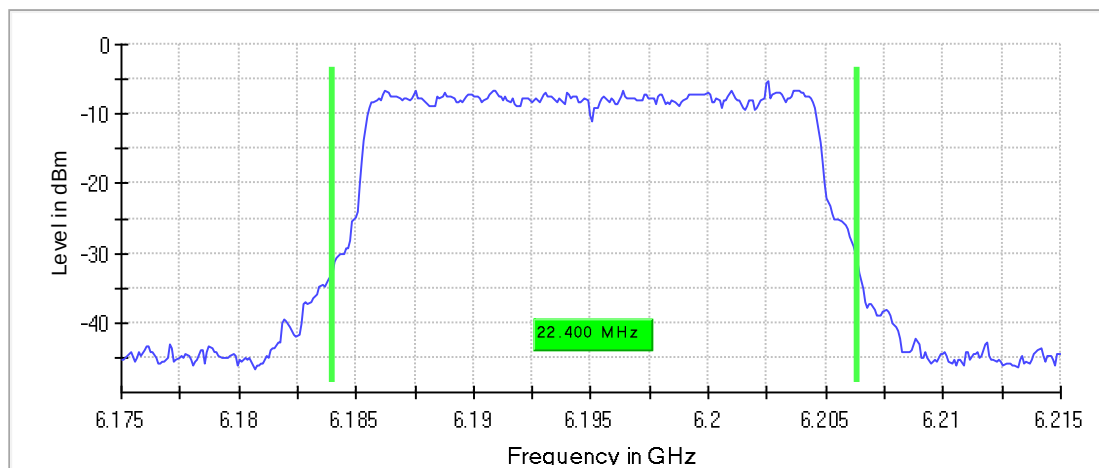
Emission Bandwidth 26 dB (6195 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

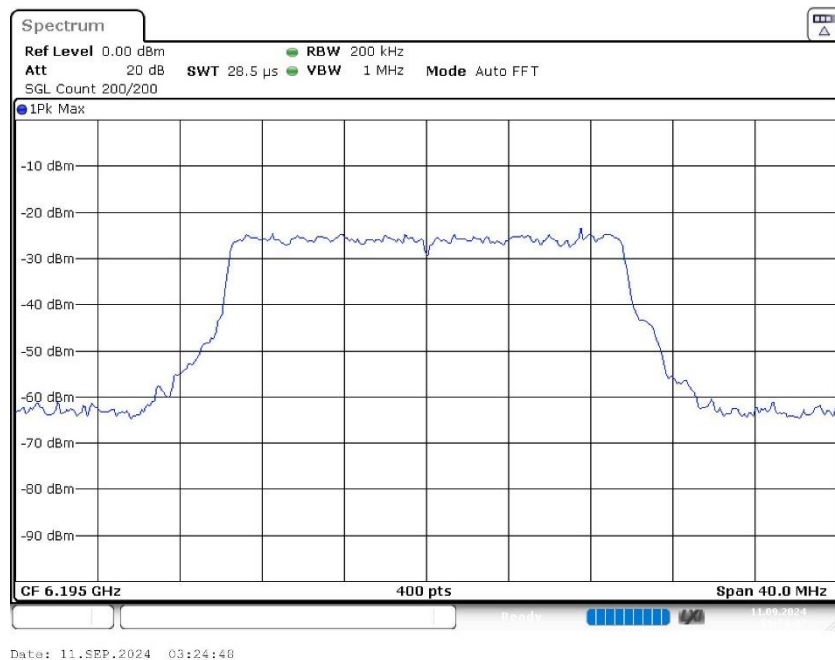
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6195.000000	22.400000	---	320.000000	6183.950000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6195.000000	6206.350000	---	-5.3	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6195 MHz; 24.000 dBm; 20 MHz)

Result

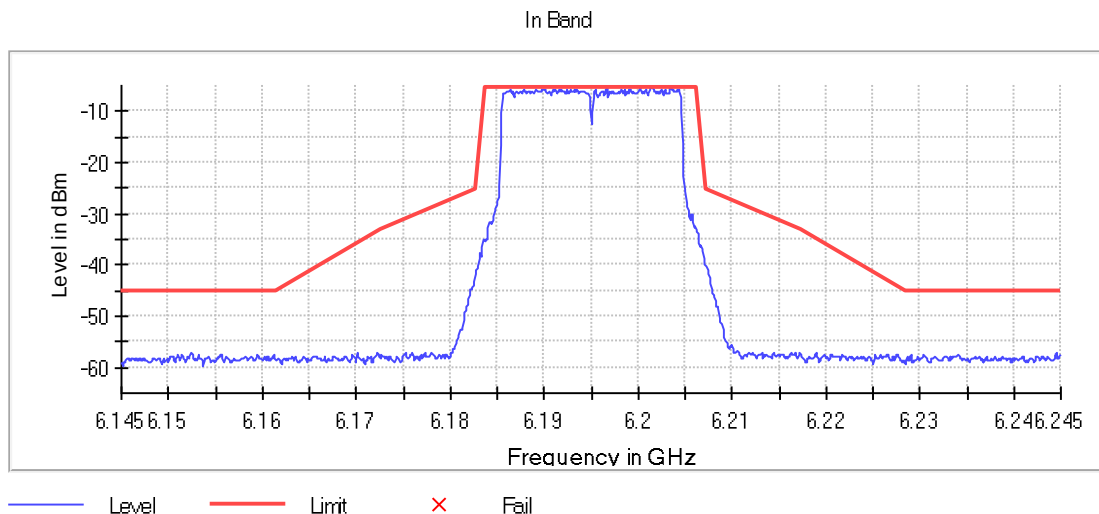
DUT Frequency (MHz)	Result
6195.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6203.550000	-5.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6201.450000	-5.3	0.0	-5.3	PASS
6203.450000	-5.4	0.1	-5.3	PASS
6201.550000	-5.4	0.1	-5.3	PASS
6196.650000	-5.4	0.1	-5.3	PASS
6201.350000	-5.5	0.2	-5.3	PASS
6200.250000	-5.5	0.2	-5.3	PASS
6203.650000	-5.6	0.3	-5.3	PASS
6199.150000	-5.6	0.3	-5.3	PASS
6189.050000	-5.7	0.4	-5.3	PASS
6201.650000	-5.7	0.4	-5.3	PASS
6193.250000	-5.7	0.4	-5.3	PASS
6189.950000	-5.7	0.4	-5.3	PASS
6189.150000	-5.7	0.4	-5.3	PASS
6203.750000	-5.7	0.4	-5.3	PASS
6190.050000	-5.8	0.5	-5.3	PASS

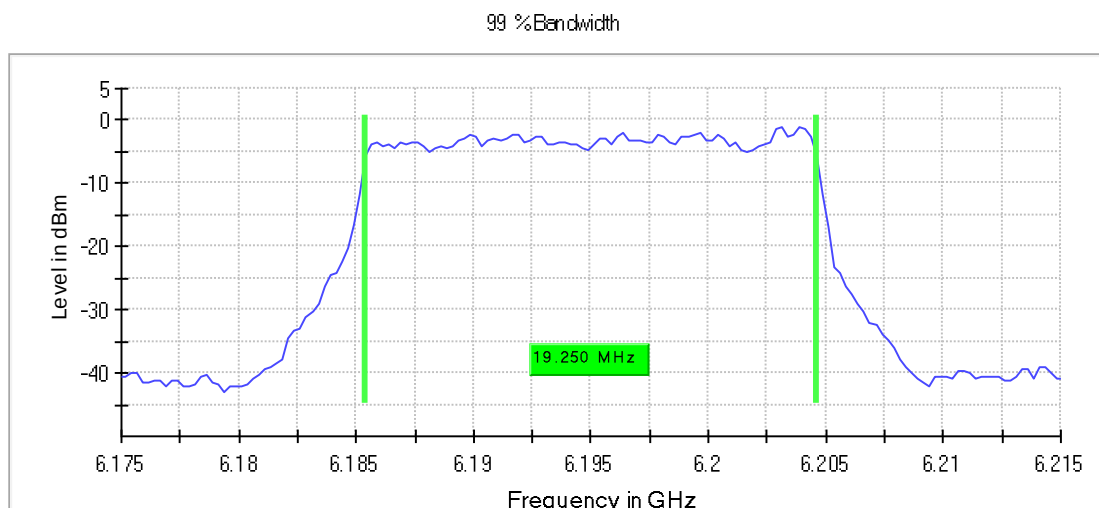


Occupied Channel Bandwidth 99% (6195 MHz; 24.000 dBm; 20 MHz)

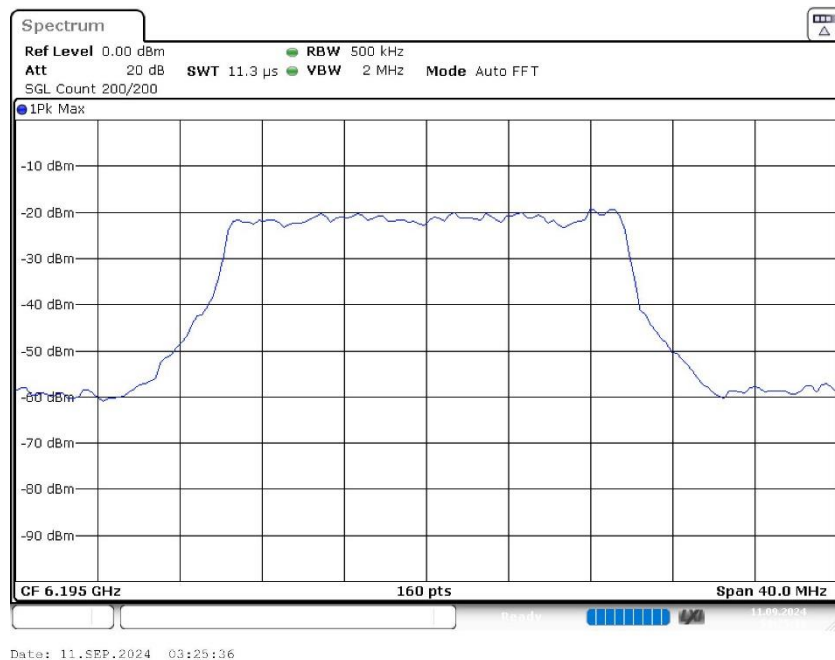
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6195.000000	19.250000	---	320.000000	6185.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6195.000000	6204.625000	7125.000000	PASS



Bandwidth



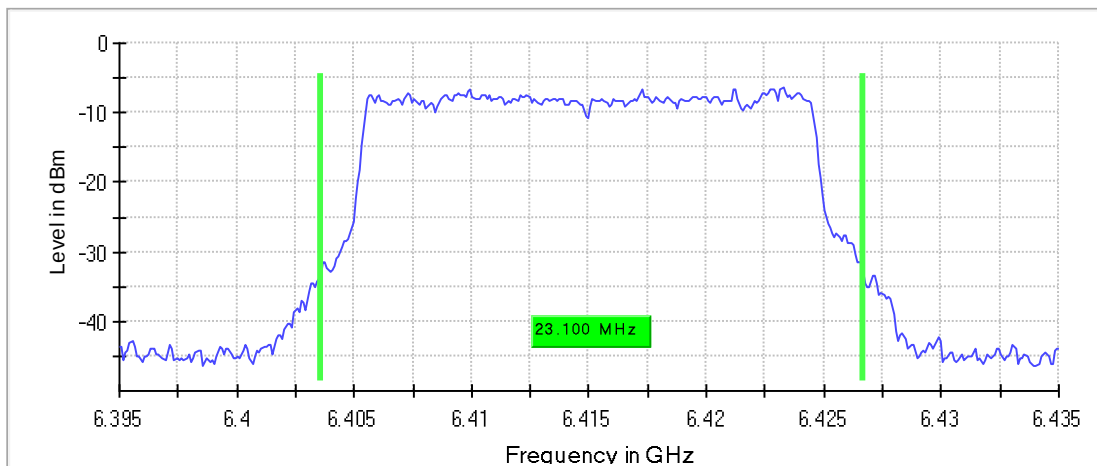
Emission Bandwidth 26 dB (6415 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

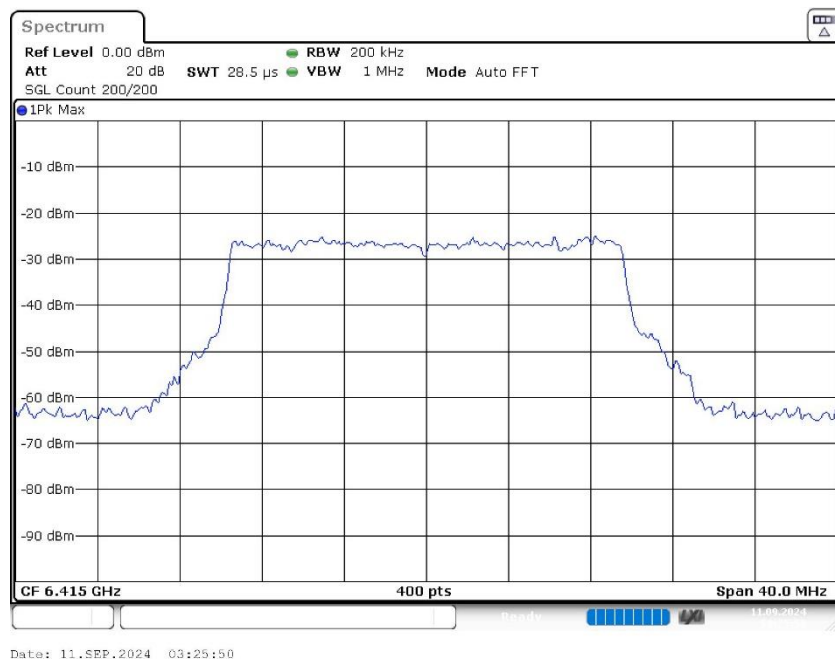
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6415.000000	23.100000	---	320.000000	6403.550000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6415.000000	6426.650000	---	-6.4	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6415 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
6415.000000	PASS

Inband Peak

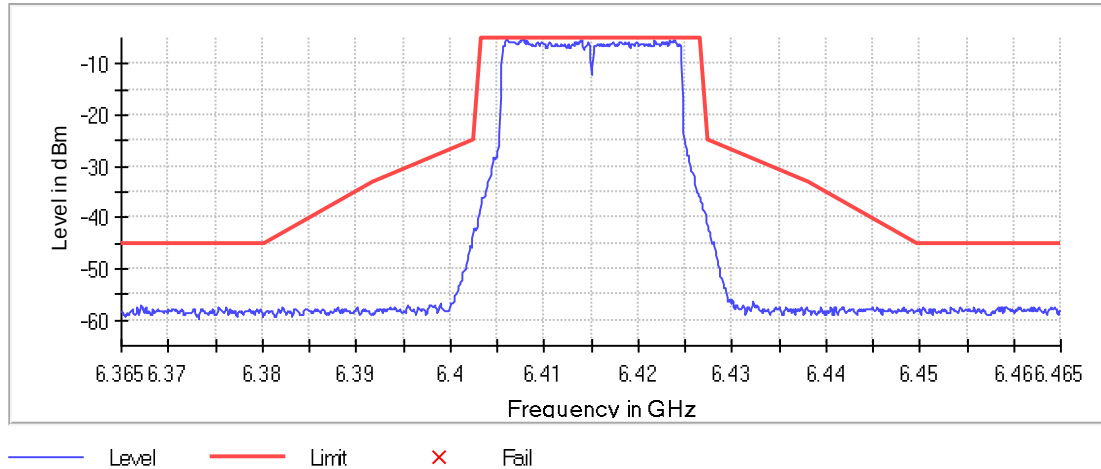
Frequency (MHz)	Level (dBm)
6406.050000	-5.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6405.950000	-5.1	0.1	-5.0	PASS
6407.850000	-5.2	0.1	-5.0	PASS
6407.750000	-5.3	0.3	-5.0	PASS
6414.050000	-5.4	0.4	-5.0	PASS
6423.850000	-5.4	0.4	-5.0	PASS
6407.550000	-5.5	0.4	-5.0	PASS
6413.950000	-5.5	0.5	-5.0	PASS
6407.650000	-5.5	0.5	-5.0	PASS
6423.950000	-5.5	0.5	-5.0	PASS
6423.450000	-5.5	0.5	-5.0	PASS
6421.750000	-5.5	0.5	-5.0	PASS
6408.150000	-5.6	0.5	-5.0	PASS
6419.750000	-5.6	0.6	-5.0	PASS
6413.750000	-5.6	0.6	-5.0	PASS

6421.850000	-5.6	0.6	-5.0	PASS
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In Band



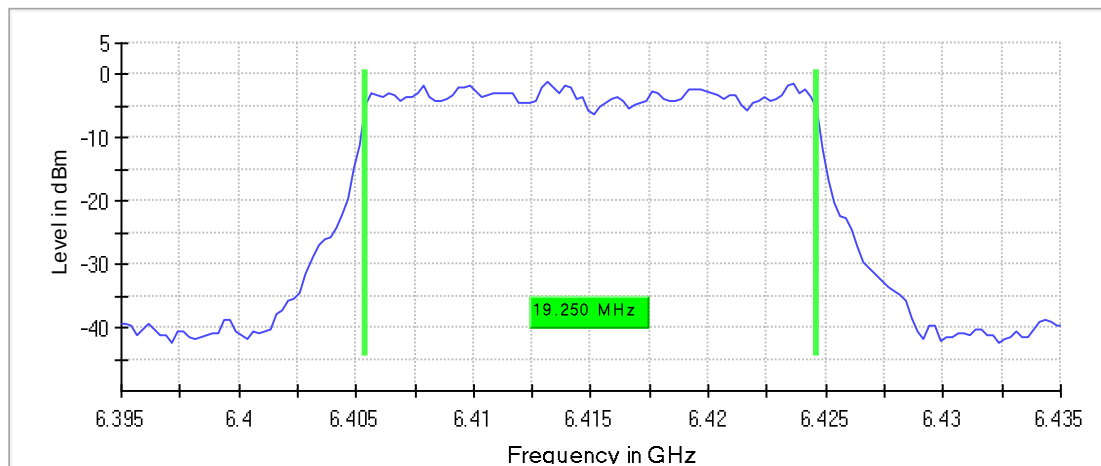
Occupied Channel Bandwidth 99% (6415 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

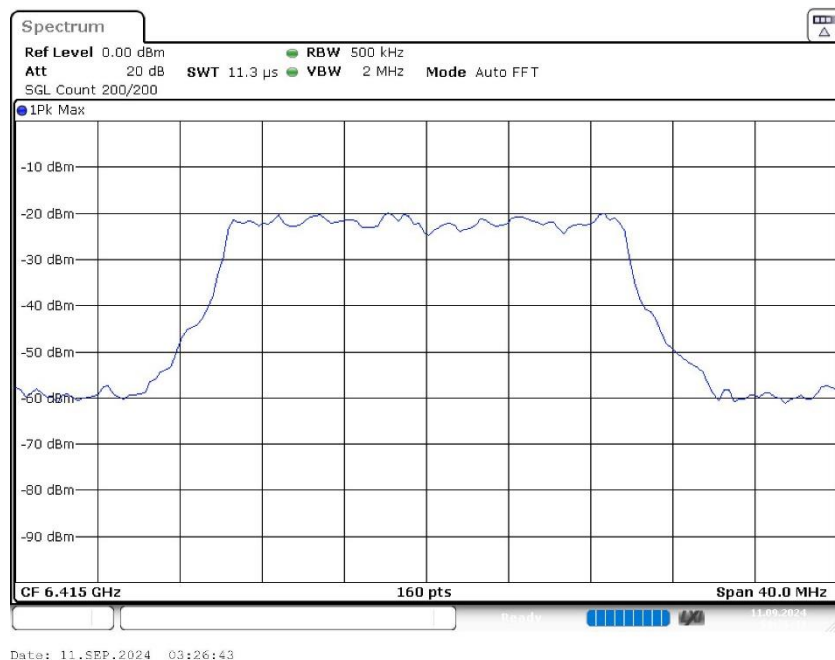
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6415.000000	19.250000	---	320.000000	6405.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6415.000000	6424.625000	7125.000000	PASS

99 % Bandwidth



Bandwidth



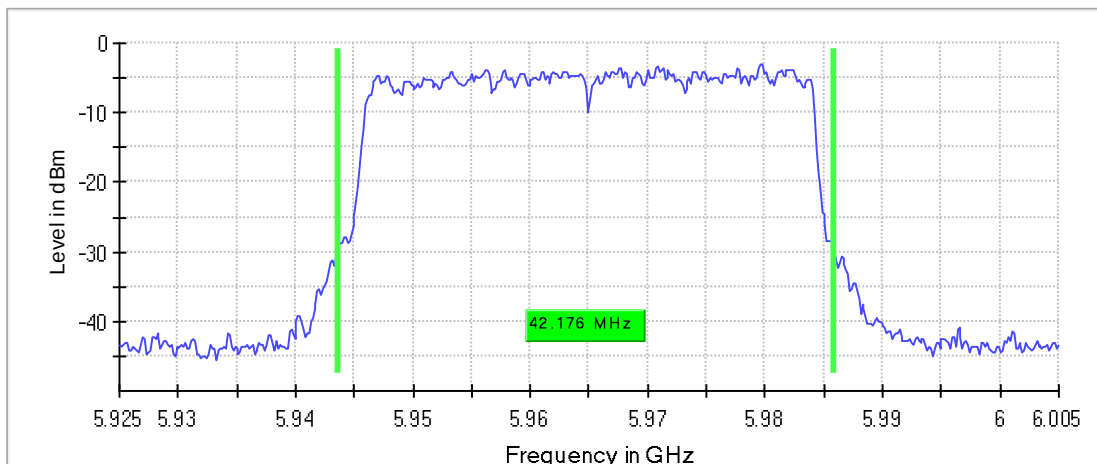
Emission Bandwidth 26 dB (5965 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

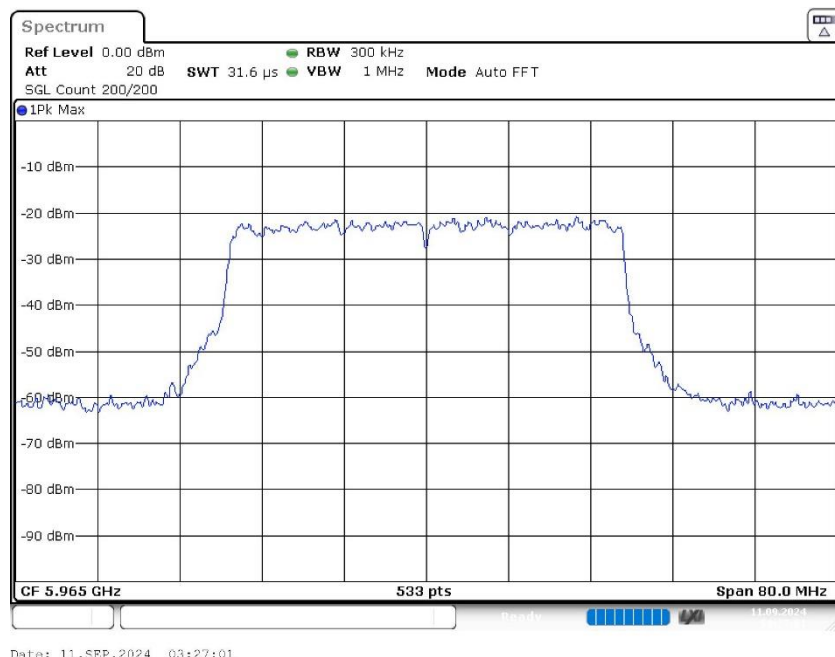
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5965.000000	42.176360	---	320.000000	5943.686679	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
5965.000000	5985.863039	---	-3.0	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (5965 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
5965.000000	PASS

Inband Peak

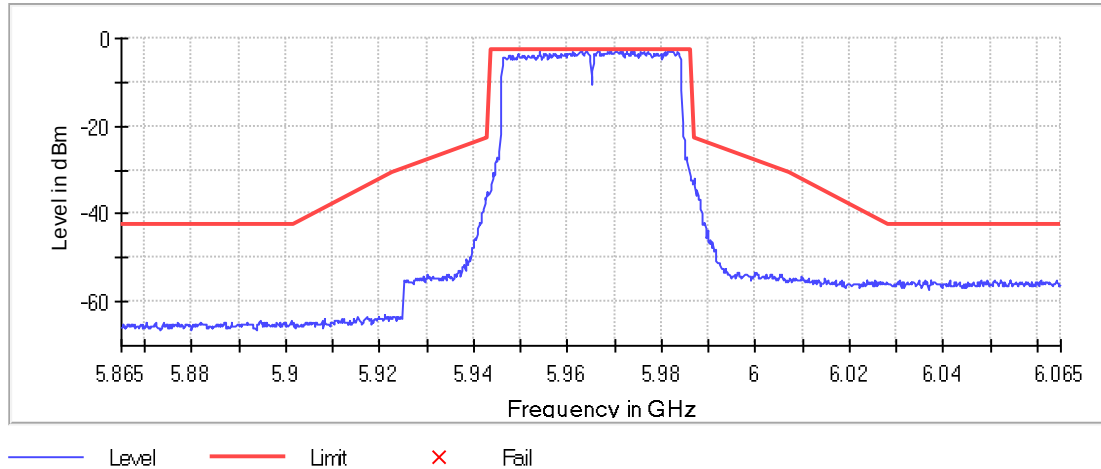
Frequency (MHz)	Level (dBm)
5971.301575	-2.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5966.500375	-2.7	0.1	-2.6	PASS
5981.504126	-2.8	0.1	-2.6	PASS
5963.949737	-2.8	0.1	-2.6	PASS
5964.099775	-2.8	0.2	-2.6	PASS
5969.051013	-2.9	0.2	-2.6	PASS
5974.002251	-2.9	0.3	-2.6	PASS
5982.104276	-2.9	0.3	-2.6	PASS
5969.201050	-2.9	0.3	-2.6	PASS
5970.551388	-3.0	0.3	-2.6	PASS
5968.900975	-3.0	0.3	-2.6	PASS
5970.101275	-3.0	0.3	-2.6	PASS
5970.401350	-3.0	0.3	-2.6	PASS
5971.751688	-3.0	0.3	-2.6	PASS
5976.252813	-3.0	0.4	-2.6	PASS

5981.654164	-3.0	0.4	-2.6	PASS
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In Band



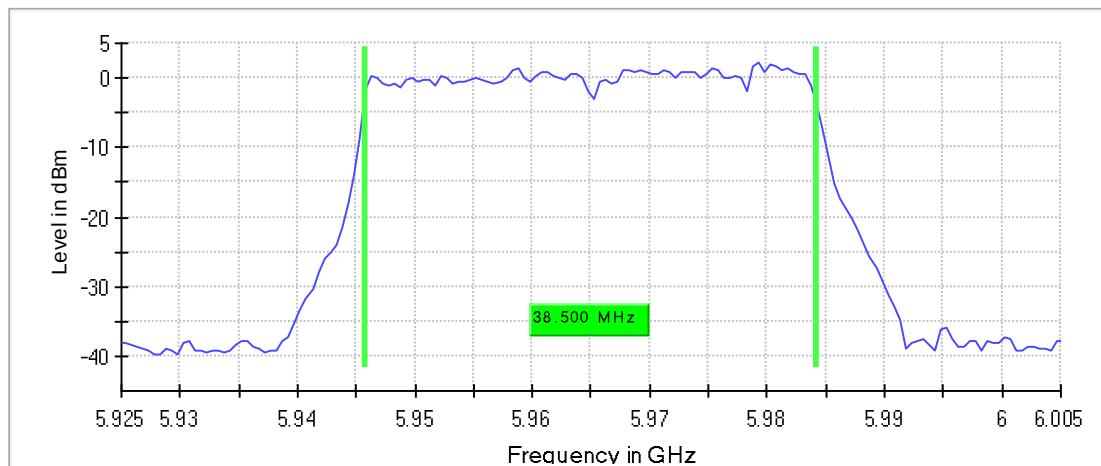
Occupied Channel Bandwidth 99% (5965 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

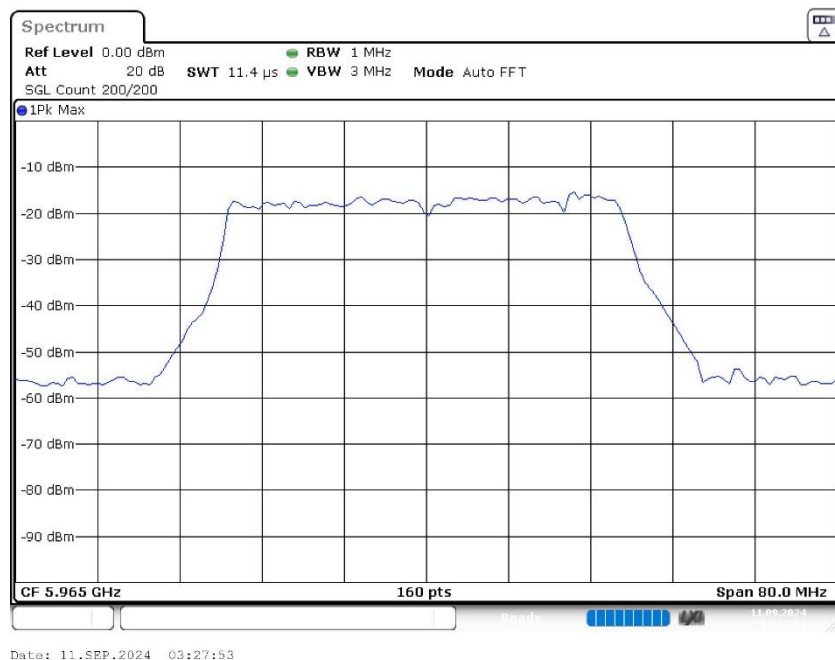
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5965.000000	38.500000	---	320.000000	5945.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5965.000000	5984.250000	7125.000000	PASS

99 % Bandwidth



Bandwidth

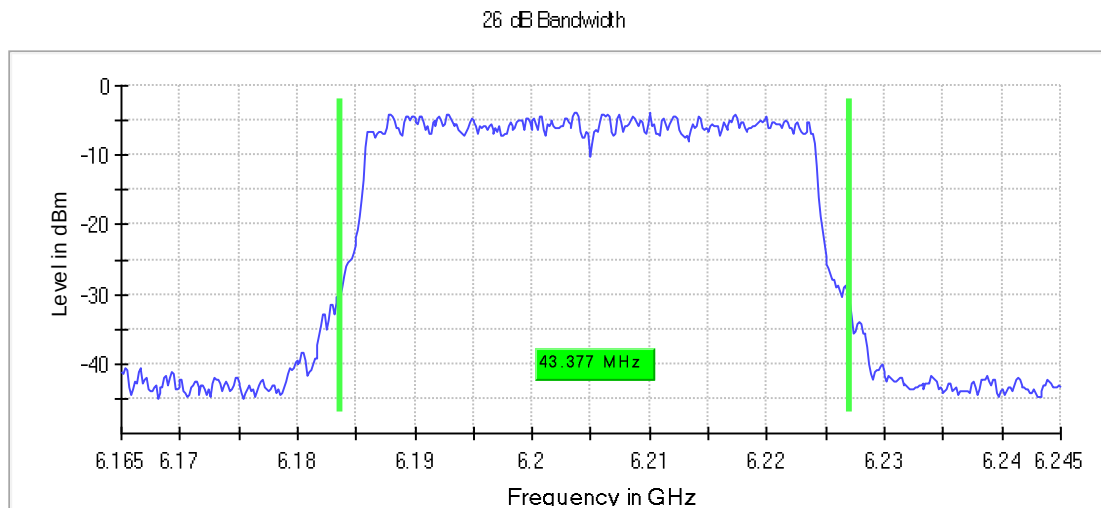


Emission Bandwidth 26 dB (6205 MHz; 24.000 dBm; 40 MHz)

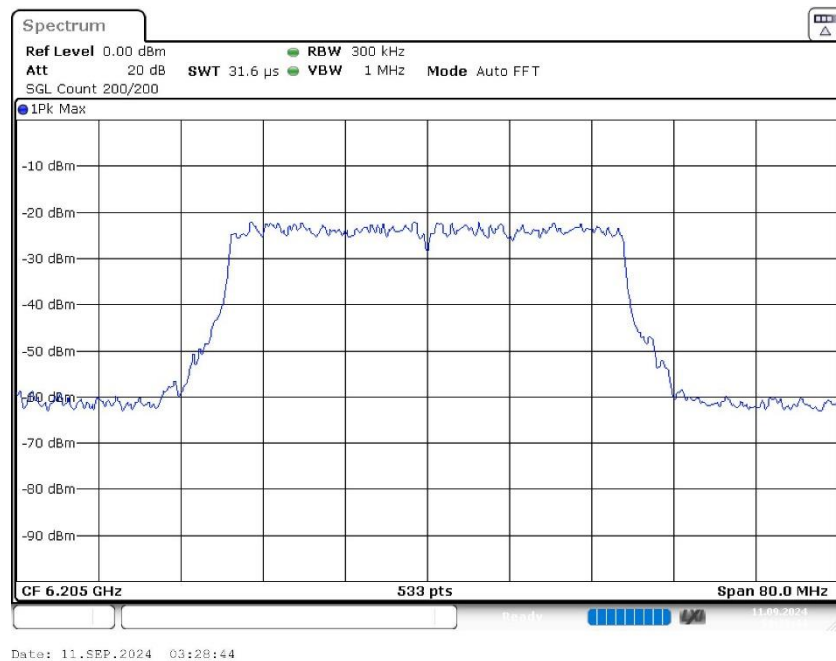
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6205.000000	43.377111	---	320.000000	6183.686679	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6205.000000	6227.063790	---	-3.9	PASS



Bandwidth



In-Band Emissions (6205 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
6205.000000	PASS

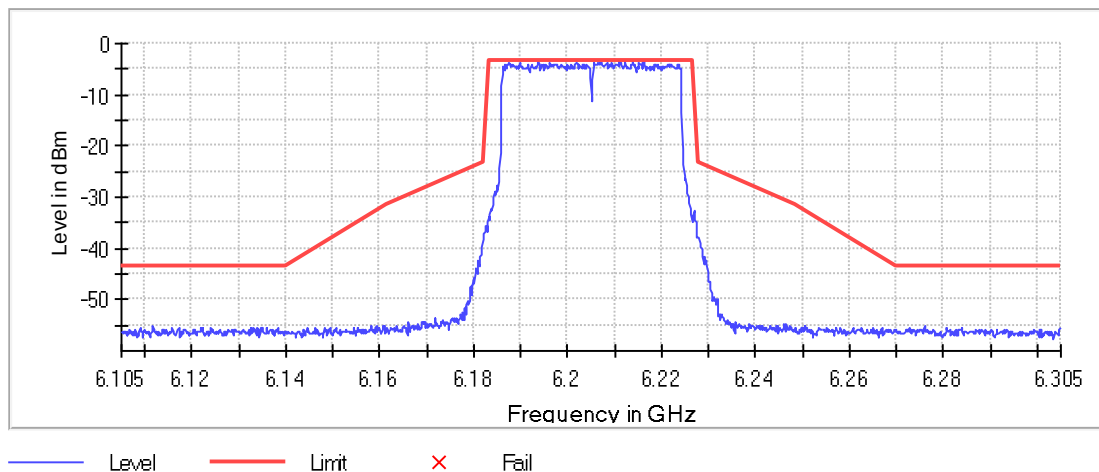
Inband Peak

Frequency (MHz)	Level (dBm)
6212.201800	-3.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6212.201800	-3.3	0.0	-3.3	PASS
6193.747187	-3.4	0.1	-3.3	PASS
6211.001500	-3.5	0.1	-3.3	PASS
6216.252813	-3.5	0.2	-3.3	PASS
6213.852213	-3.6	0.2	-3.3	PASS
6187.595649	-3.6	0.3	-3.3	PASS
6201.849212	-3.6	0.3	-3.3	PASS
6211.301575	-3.7	0.3	-3.3	PASS
6205.600150	-3.7	0.3	-3.3	PASS
6201.999250	-3.7	0.3	-3.3	PASS
6212.351838	-3.7	0.4	-3.3	PASS
6211.151538	-3.8	0.4	-3.3	PASS
6189.846212	-3.8	0.5	-3.3	PASS
6215.202551	-3.8	0.5	-3.3	PASS
6214.002251	-3.8	0.5	-3.3	PASS

In Band

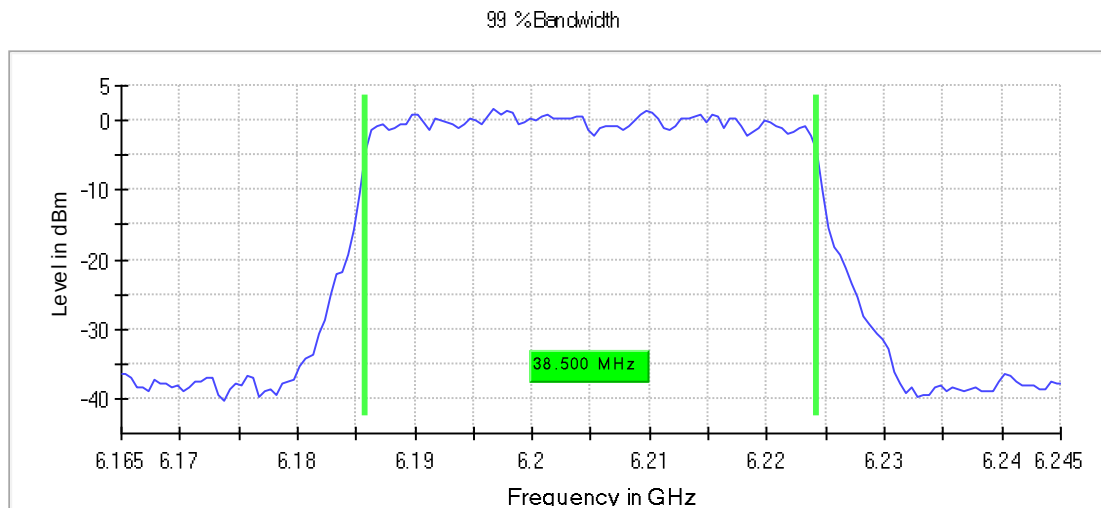


Occupied Channel Bandwidth 99% (6205 MHz; 24.000 dBm; 40 MHz)

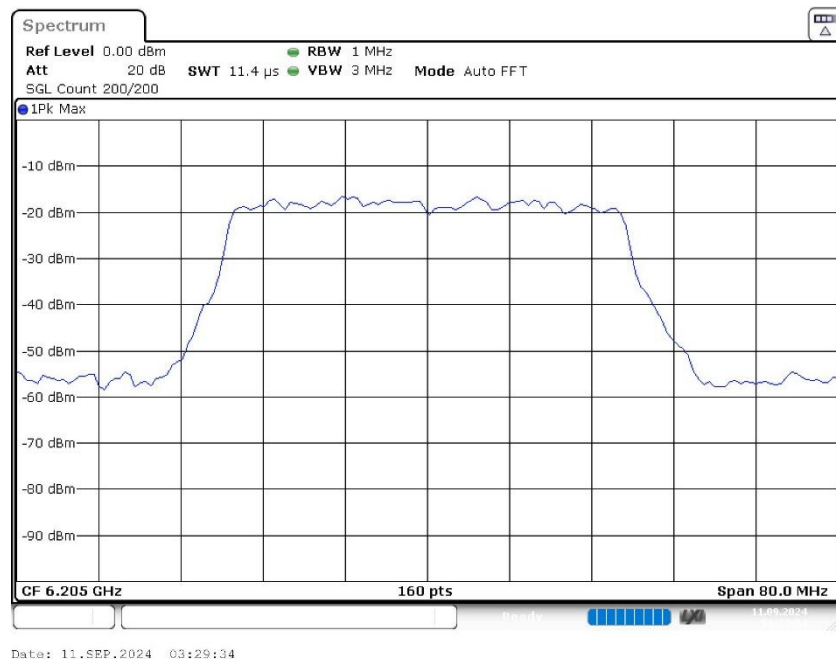
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6205.000000	38.500000	---	320.000000	6185.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6205.000000	6224.250000	7125.000000	PASS



Bandwidth



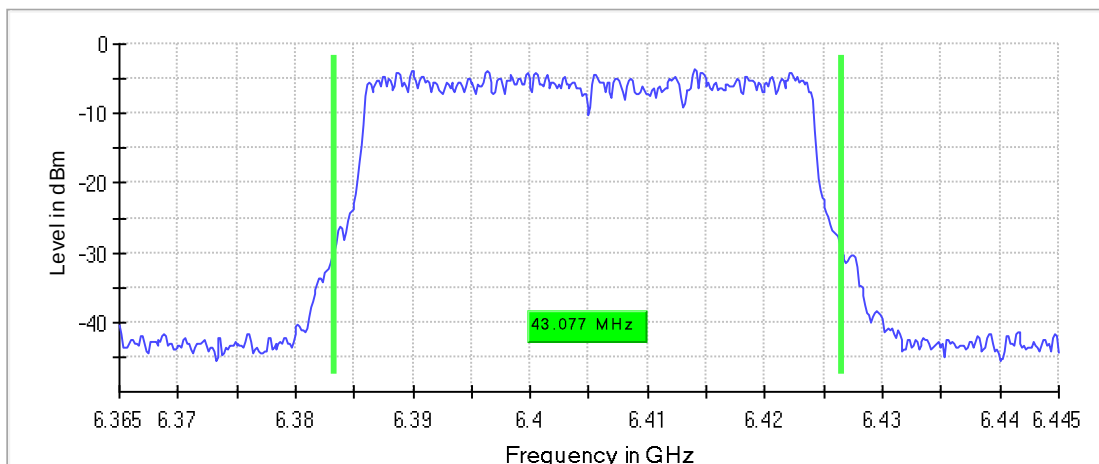
Emission Bandwidth 26 dB (6405 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

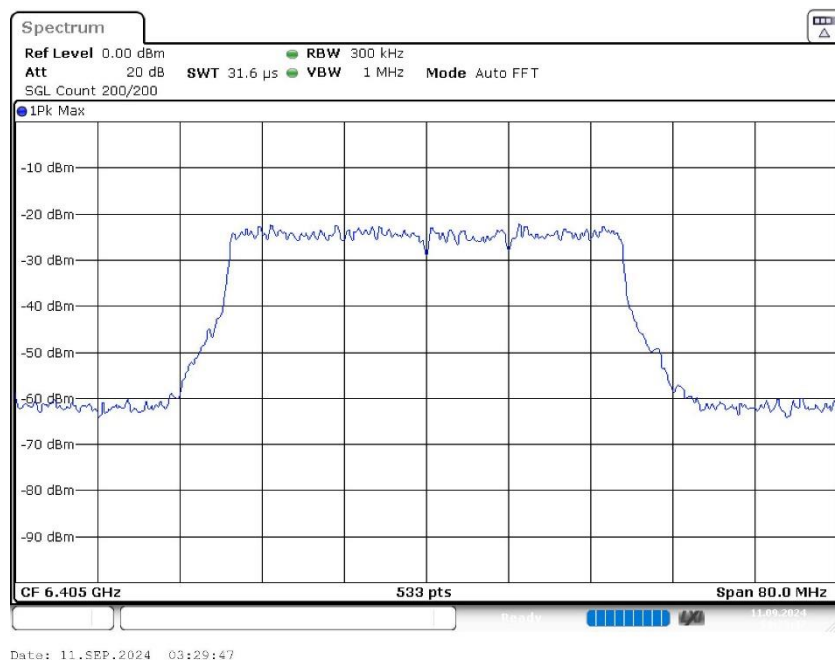
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6405.000000	43.076923	---	320.000000	6383.386492	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6405.000000	6426.463415	---	-3.6	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6405 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
6405.000000	PASS

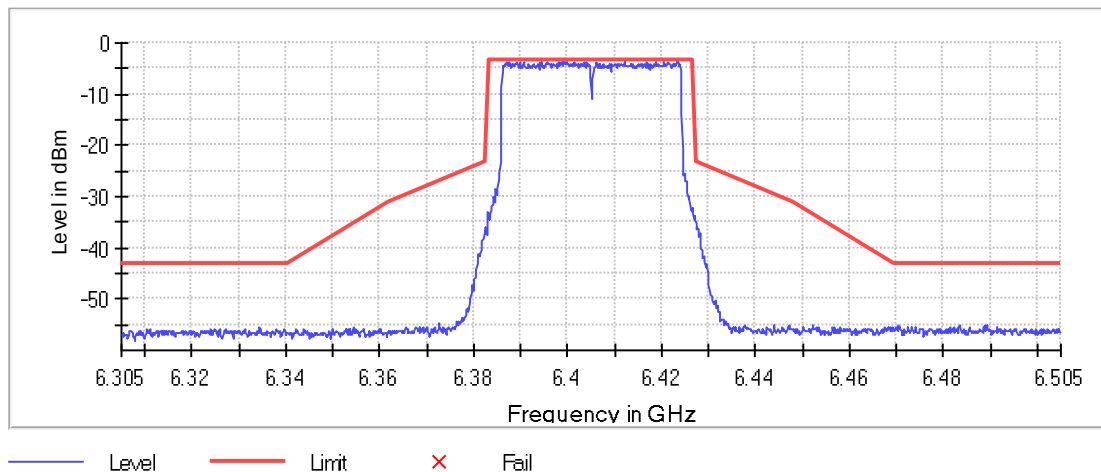
Inband Peak

Frequency (MHz)	Level (dBm)
6423.304576	-3.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6423.454614	-3.4	0.1	-3.3	PASS
6399.148537	-3.5	0.2	-3.3	PASS
6412.201800	-3.5	0.3	-3.3	PASS
6398.998500	-3.6	0.3	-3.3	PASS
6404.099775	-3.6	0.3	-3.3	PASS
6421.354089	-3.6	0.4	-3.3	PASS
6412.051763	-3.7	0.4	-3.3	PASS
6389.246062	-3.7	0.4	-3.3	PASS
6423.154539	-3.7	0.4	-3.3	PASS
6416.852963	-3.7	0.4	-3.3	PASS
6403.649662	-3.7	0.5	-3.3	PASS
6401.399100	-3.7	0.5	-3.3	PASS
6398.098275	-3.7	0.5	-3.3	PASS
6394.197299	-3.8	0.5	-3.3	PASS
6394.497374	-3.8	0.5	-3.3	PASS

In Band



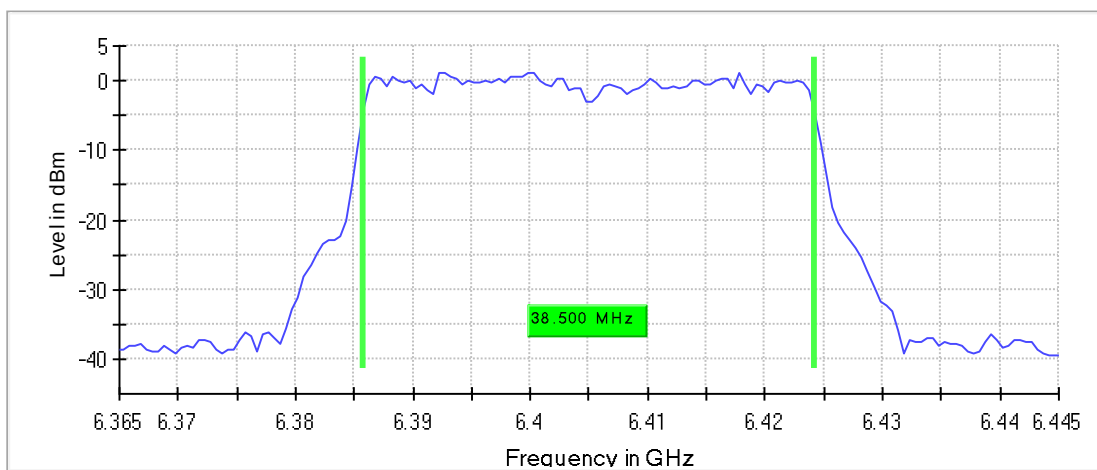
Occupied Channel Bandwidth 99% (6405 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

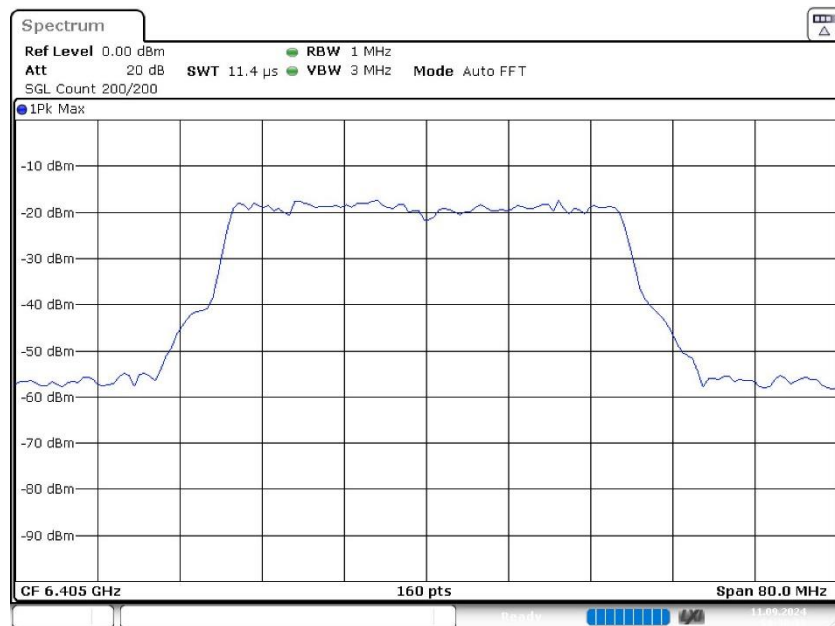
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6405.000000	38.500000	---	320.000000	6385.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6405.000000	6424.250000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 11.SEP.2024 03:30:39

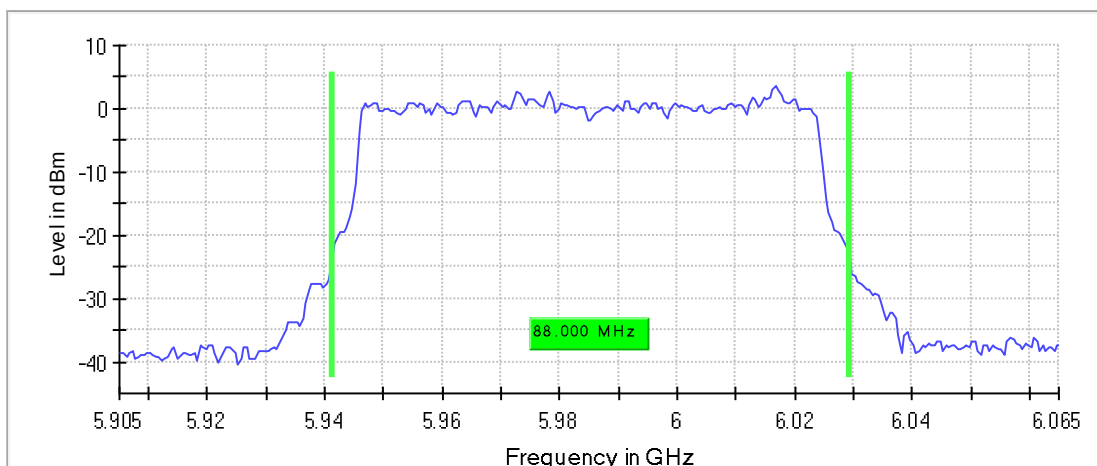
Emission Bandwidth 26 dB (5985 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

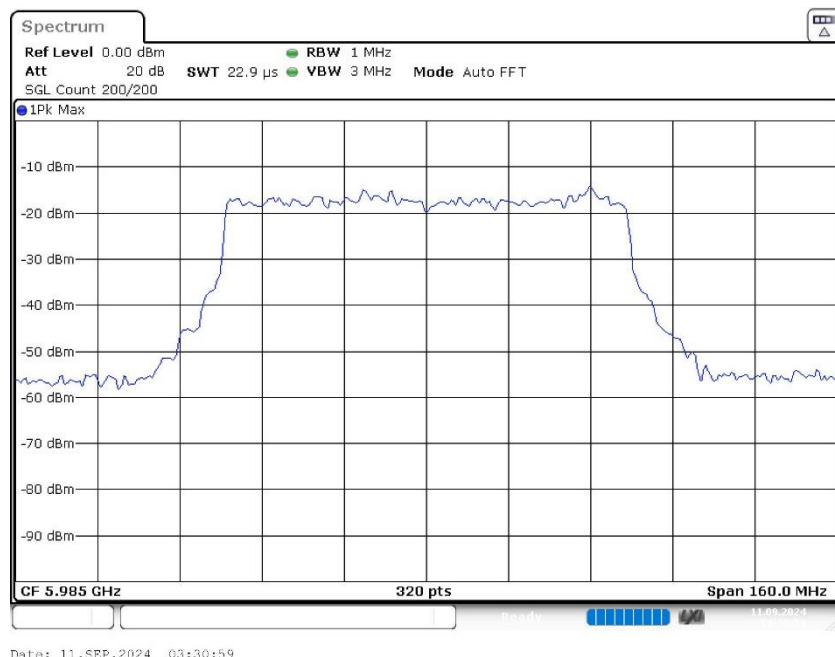
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5985.000000	88.000000	---	320.000000	5941.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
5985.000000	6029.250000	---	3.7	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (5985 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
5985.000000	PASS

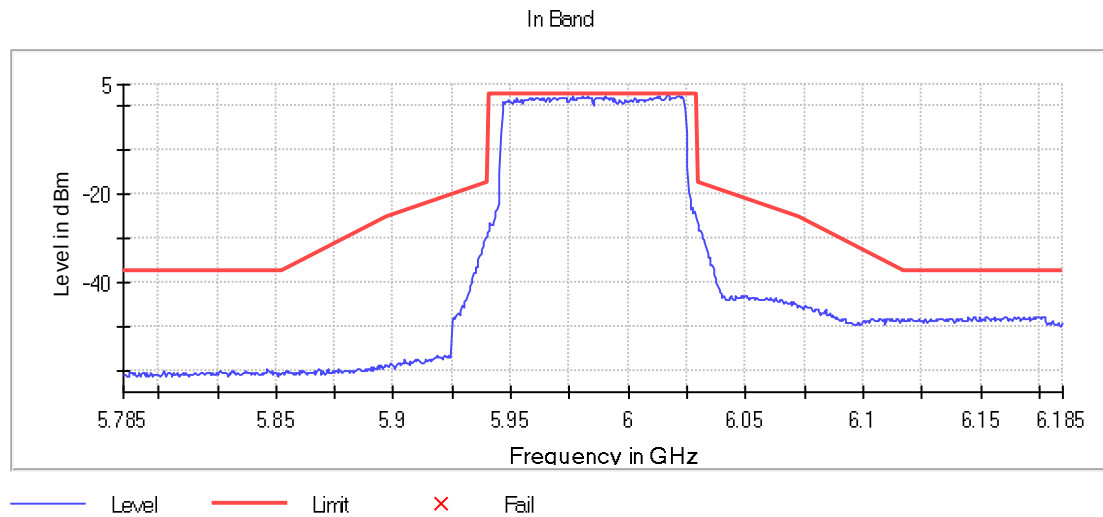
Inband Peak

Frequency (MHz)	Level (dBm)
6016.750000	2.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6016.750000	2.7	0.0	2.7	PASS
6021.750000	2.6	0.1	2.7	PASS
6021.250000	2.5	0.2	2.7	PASS
6020.750000	2.4	0.2	2.7	PASS
6022.750000	2.3	0.4	2.7	PASS
5980.750000	2.3	0.4	2.7	PASS
5976.750000	2.2	0.5	2.7	PASS
6013.250000	2.2	0.5	2.7	PASS
5982.750000	2.2	0.5	2.7	PASS
6012.250000	2.2	0.5	2.7	PASS
5990.250000	2.2	0.5	2.7	PASS
6017.250000	2.2	0.5	2.7	PASS

6019.250000	2.2	0.5	2.7	PASS
6012.750000	2.1	0.5	2.7	PASS
6023.250000	2.1	0.5	2.7	PASS

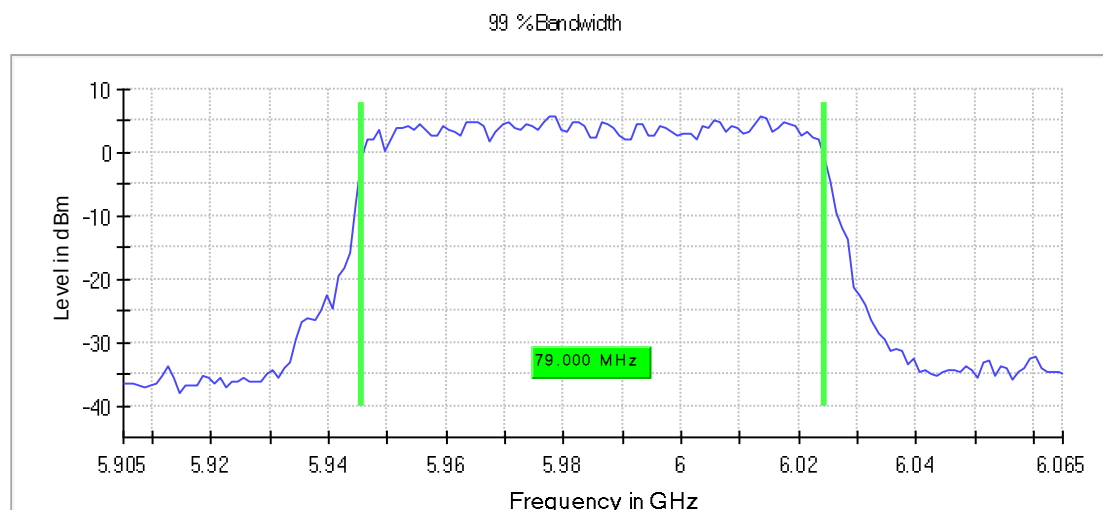


Occupied Channel Bandwidth 99% (5985 MHz; 24.000 dBm; 80 MHz)

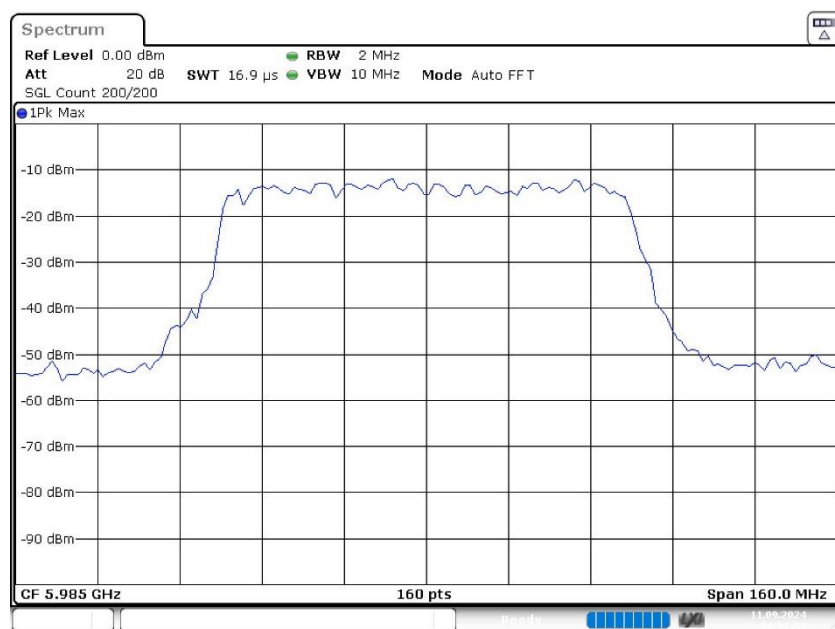
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5985.000000	79.000000	---	320.000000	5945.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5985.000000	6024.500000	7125.000000	PASS



Bandwidth



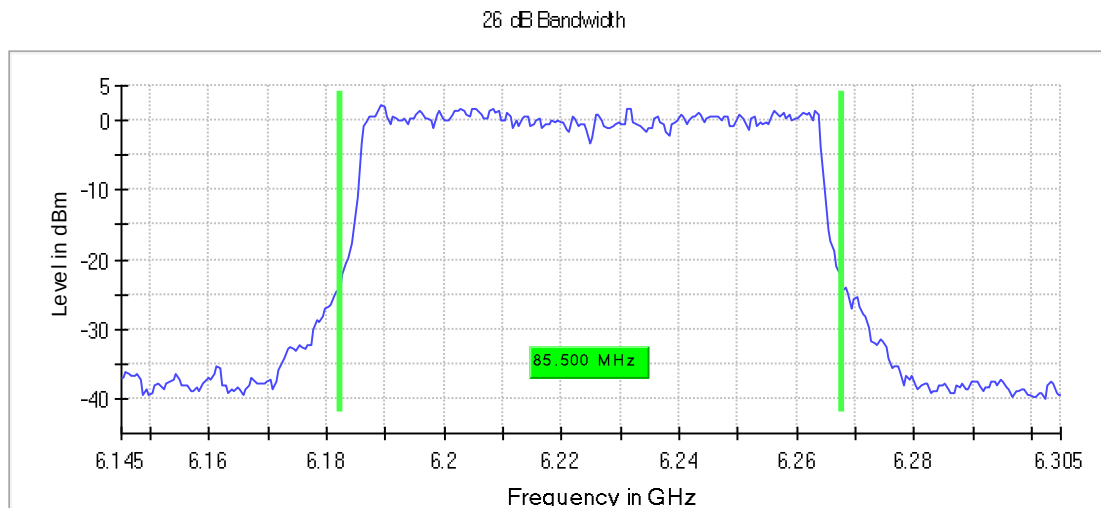
Date: 11.SEP.2024 03:31:52

Emission Bandwidth 26 dB (6225 MHz; 24.000 dBm; 80 MHz)

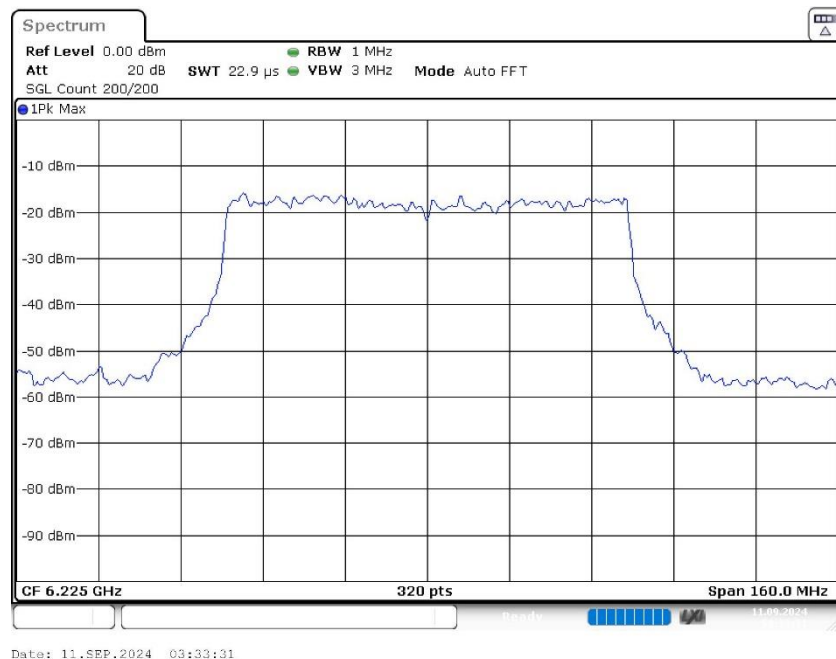
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6225.000000	85.500000	---	320.000000	6182.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6225.000000	6267.750000	---	2.2	PASS



Bandwidth



In-Band Emissions (6225 MHz; 24.000 dBm; 80 MHz)

Result

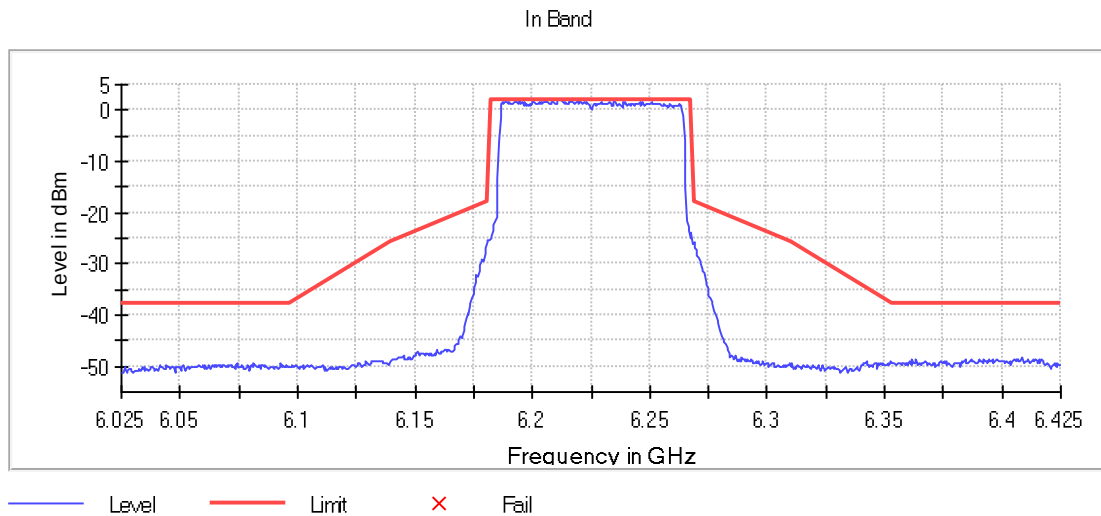
DUT Frequency (MHz)	Result
6225.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6216.750000	2.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6216.750000	2.1	0.0	2.1	PASS
6210.750000	1.9	0.2	2.1	PASS
6211.250000	1.9	0.2	2.1	PASS
6220.250000	1.9	0.2	2.1	PASS
6212.250000	1.9	0.2	2.1	PASS
6211.750000	1.8	0.3	2.1	PASS
6222.250000	1.8	0.3	2.1	PASS
6194.250000	1.8	0.3	2.1	PASS
6245.750000	1.8	0.3	2.1	PASS
6216.250000	1.8	0.3	2.1	PASS
6205.250000	1.7	0.4	2.1	PASS
6212.750000	1.7	0.4	2.1	PASS
6206.750000	1.7	0.4	2.1	PASS
6193.250000	1.7	0.4	2.1	PASS
6219.250000	1.7	0.4	2.1	PASS

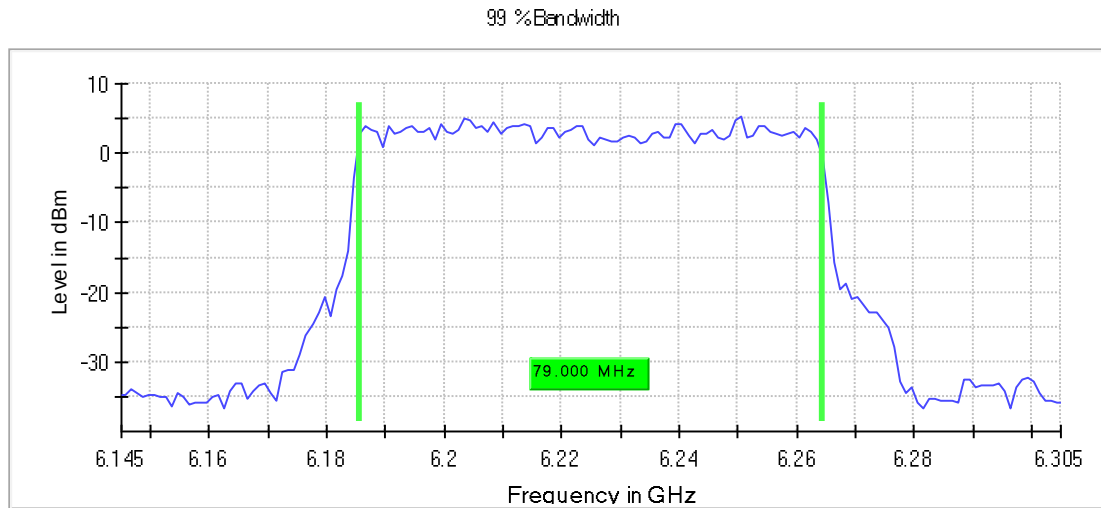


Occupied Channel Bandwidth 99% (6225 MHz; 24.000 dBm; 80 MHz)

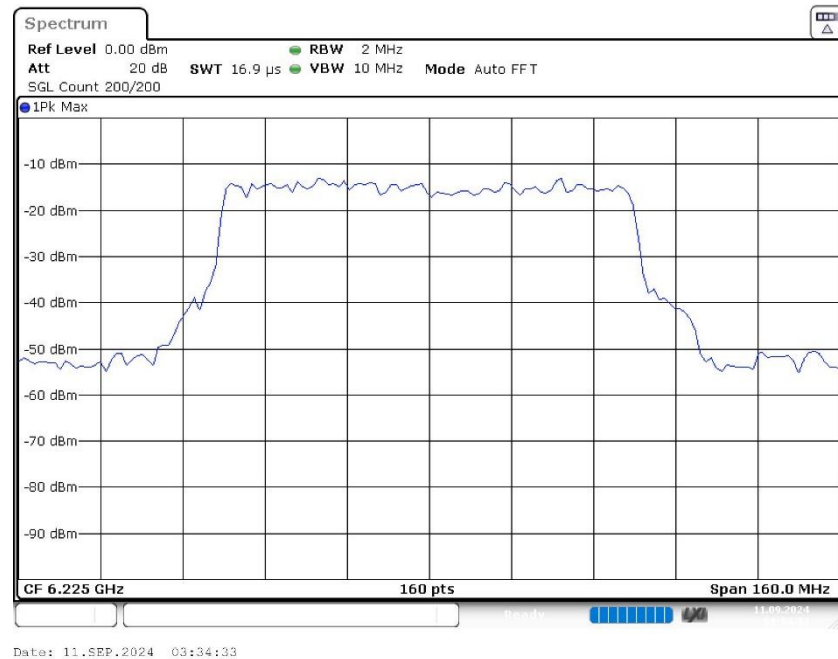
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6225.000000	79.000000	---	320.000000	6185.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6225.000000	6264.500000	7125.000000	PASS



Bandwidth



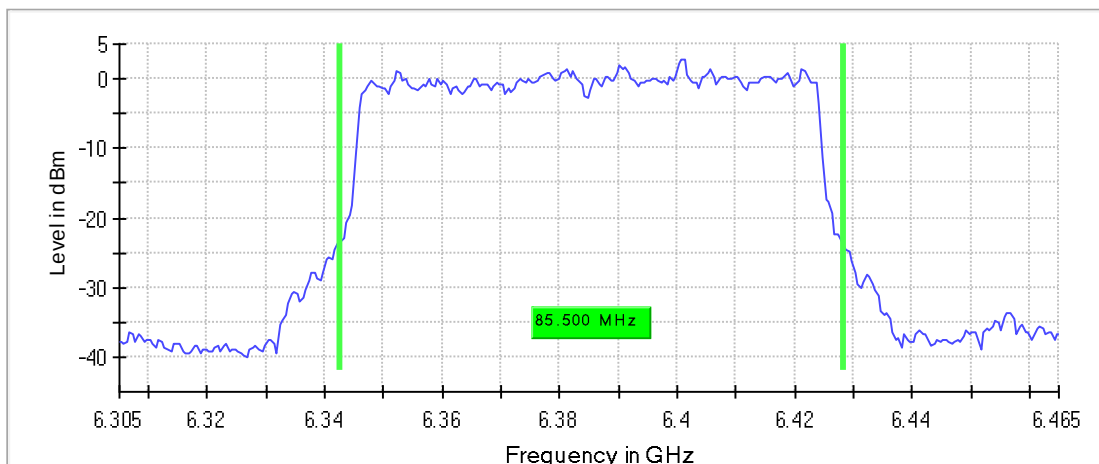
Emission Bandwidth 26 dB (6385 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

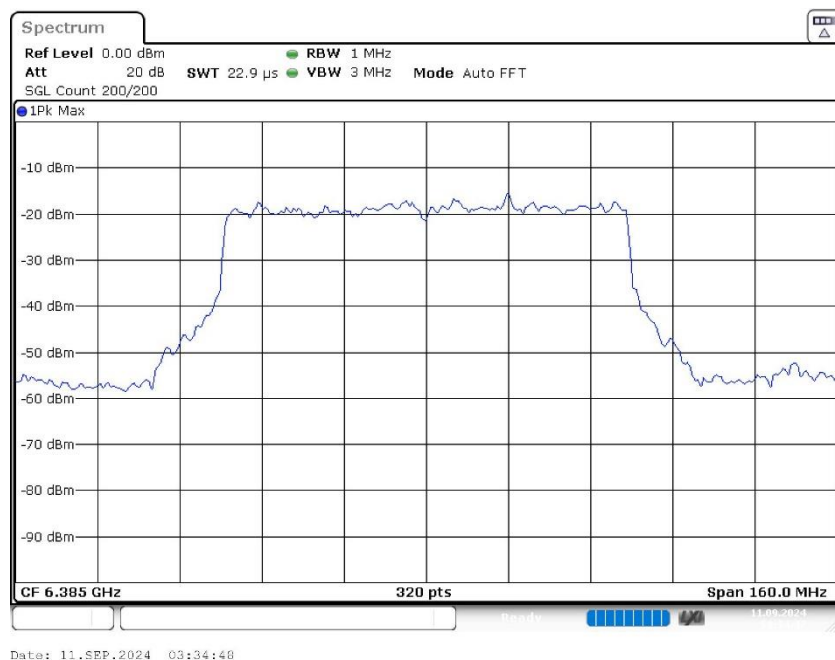
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6385.000000	85.500000	---	320.000000	6342.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6385.000000	6428.250000	---	2.9	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6385 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Result
6385.000000	PASS

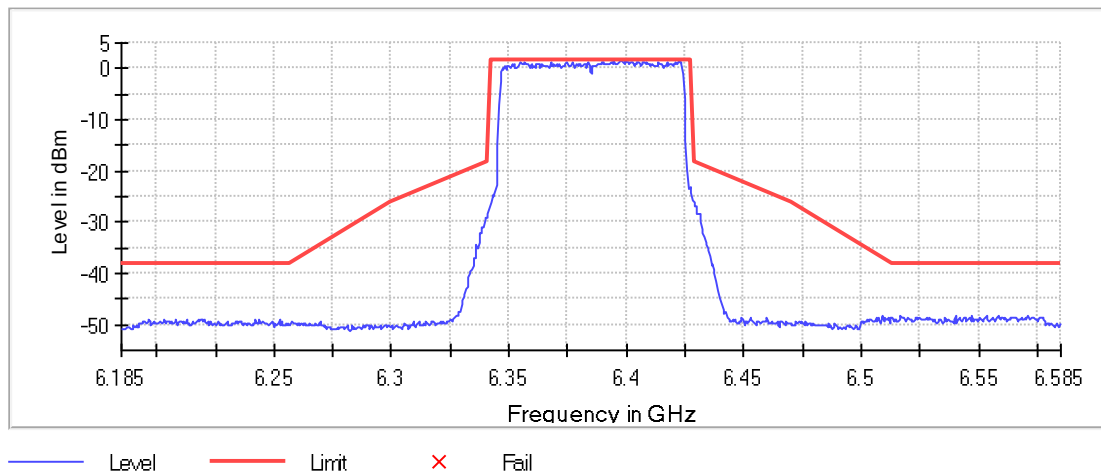
Inband Peak

Frequency (MHz)	Level (dBm)
6397.750000	1.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6399.750000	1.6	0.1	1.7	PASS
6422.250000	1.6	0.2	1.7	PASS
6394.750000	1.5	0.2	1.7	PASS
6404.750000	1.4	0.3	1.7	PASS
6356.750000	1.4	0.3	1.7	PASS
6389.750000	1.4	0.3	1.7	PASS
6401.750000	1.4	0.3	1.7	PASS
6383.750000	1.4	0.4	1.7	PASS
6405.250000	1.4	0.4	1.7	PASS
6402.750000	1.3	0.4	1.7	PASS
6397.250000	1.3	0.4	1.7	PASS
6367.750000	1.3	0.4	1.7	PASS
6407.250000	1.3	0.5	1.7	PASS
6377.250000	1.3	0.5	1.7	PASS
6398.250000	1.2	0.5	1.7	PASS

In Band



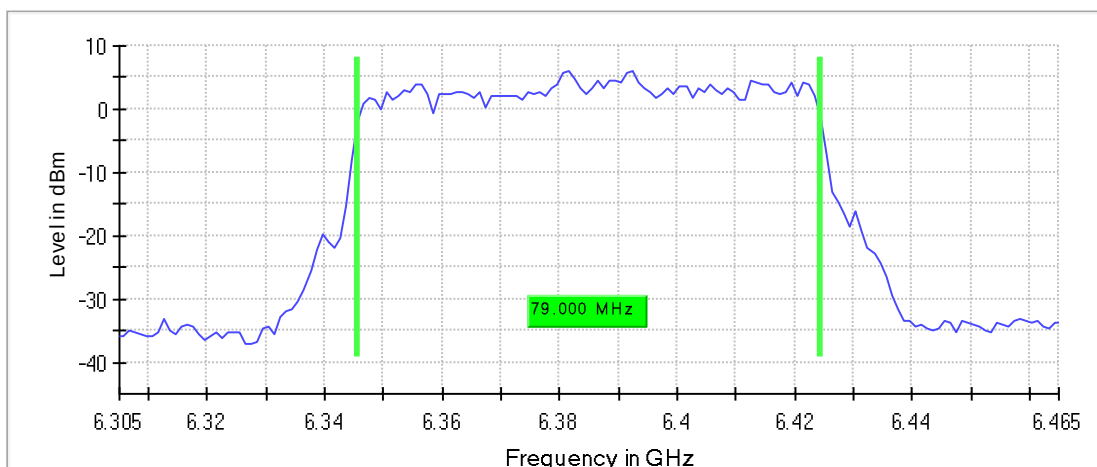
Occupied Channel Bandwidth 99% (6385 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

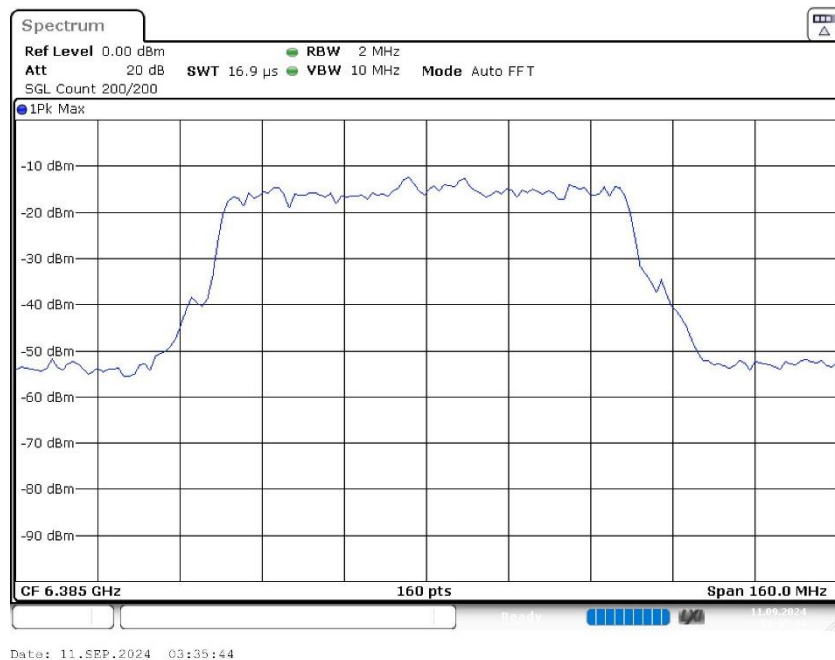
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6385.000000	79.000000	---	320.000000	6345.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6385.000000	6424.500000	7125.000000	PASS

99 % Bandwidth



Bandwidth



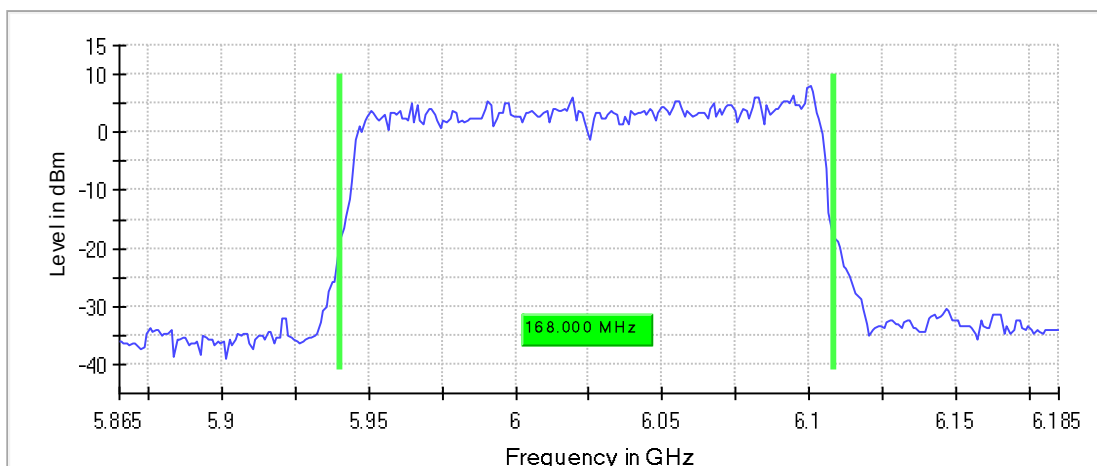
Emission Bandwidth 26 dB (6025 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

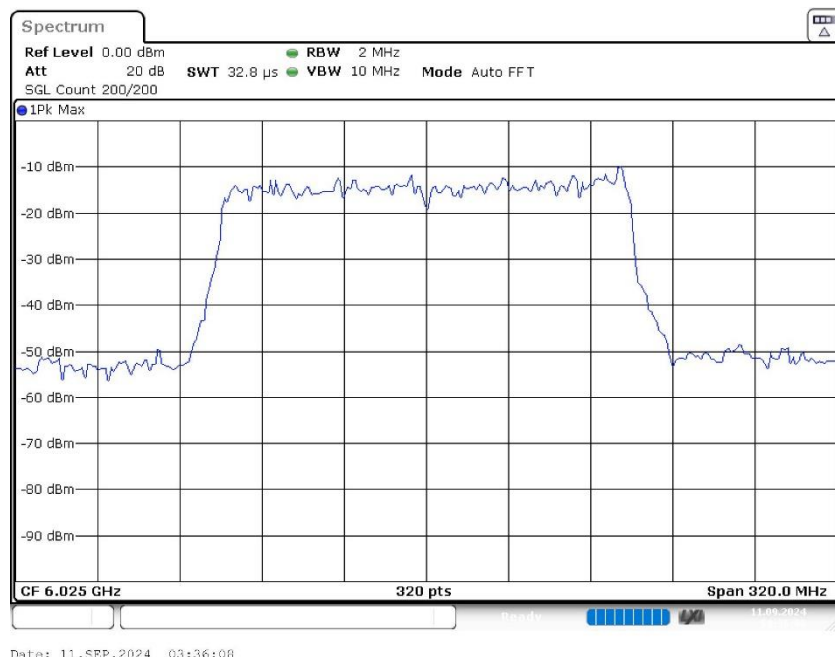
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6025.000000	168.000000	---	320.000000	5940.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6025.000000	6108.500000	---	8.0	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6025 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Inband Peak

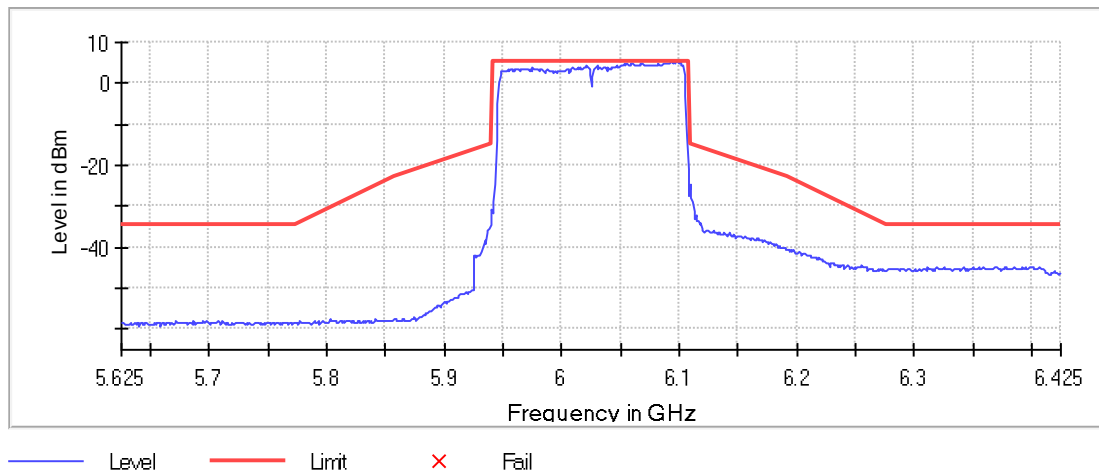
Frequency (MHz)	Level (dBm)
6097.500000	5.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6097.500000	5.3	0.0	5.3	PASS
6101.500000	5.2	0.1	5.3	PASS
6095.500000	5.2	0.2	5.3	PASS
6093.500000	5.1	0.2	5.3	PASS
6098.500000	5.1	0.2	5.3	PASS
6092.500000	5.1	0.3	5.3	PASS
6099.500000	5.1	0.3	5.3	PASS
6096.500000	5.0	0.3	5.3	PASS
6094.500000	4.9	0.4	5.3	PASS
6089.500000	4.9	0.4	5.3	PASS
6100.500000	4.9	0.5	5.3	PASS
6091.500000	4.8	0.5	5.3	PASS
6082.500000	4.8	0.5	5.3	PASS
6055.500000	4.7	0.6	5.3	PASS

6068.500000	4.7	0.6	5.3	PASS
-------------	-----	-----	-----	------

In Band



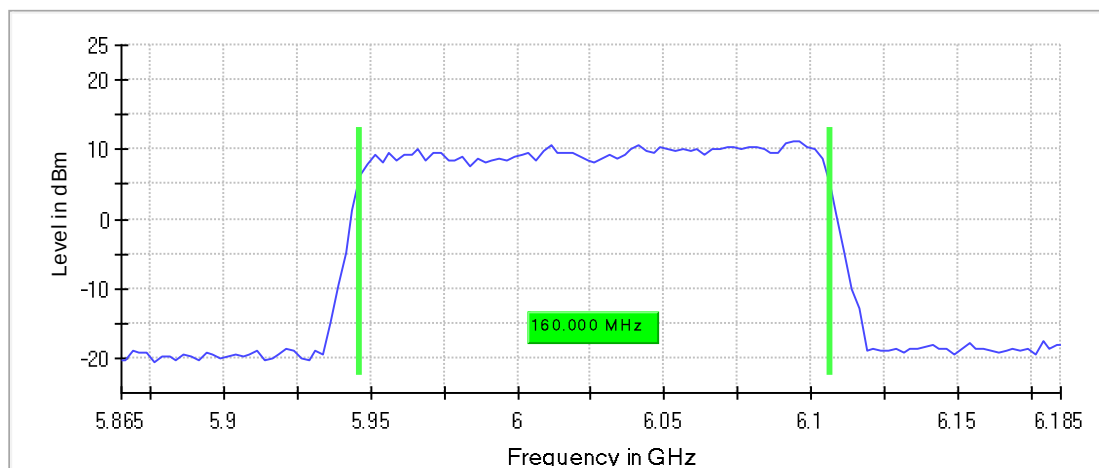
Occupied Channel Bandwidth 99% (6025 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

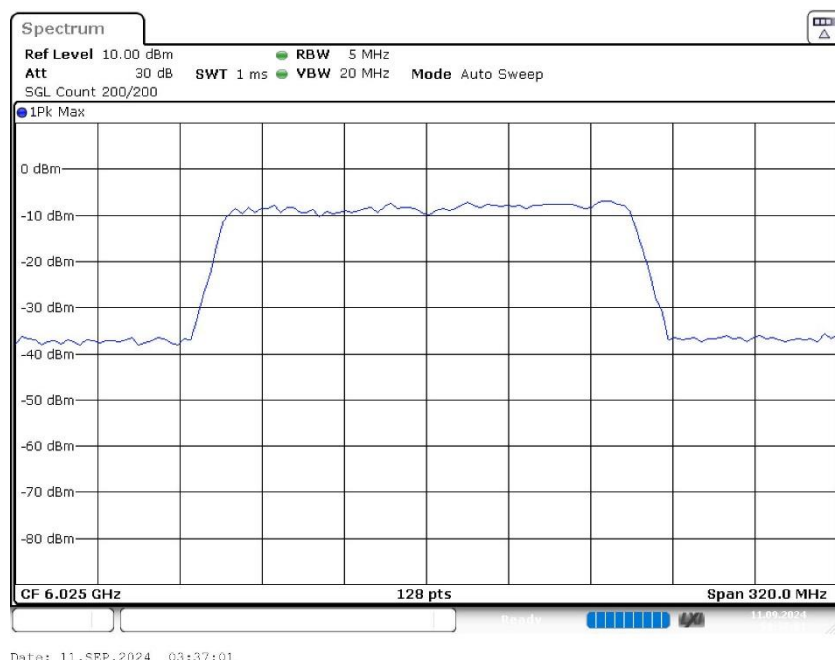
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6025.000000	160.000000	---	320.000000	5946.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6025.000000	6106.250000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Tx Spurious Emission (6025 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

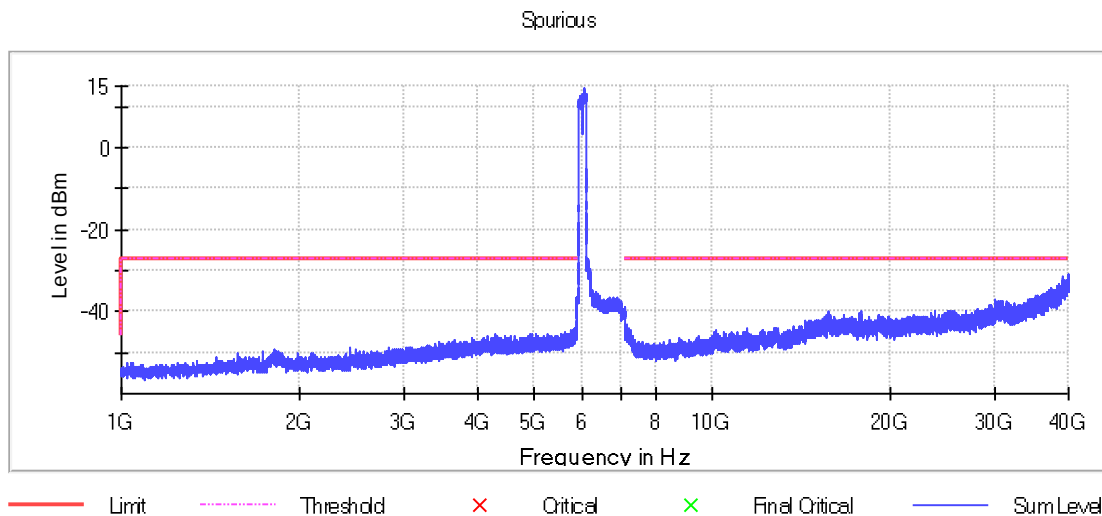
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39998.250000	-31.0	4.0	-27.0
39957.250000	-31.1	4.1	-27.0
39992.750000	-31.2	4.2	-27.0
39946.750000	-31.4	4.4	-27.0
39963.250000	-31.5	4.5	-27.0
39156.750000	-31.6	4.6	-27.0
39970.250000	-31.7	4.7	-27.0
39997.750000	-31.7	4.7	-27.0
39987.750000	-31.9	4.9	-27.0
39872.250000	-31.9	4.9	-27.0
39965.750000	-32.0	5.0	-27.0
39931.250000	-32.0	5.0	-27.0
39975.750000	-32.1	5.1	-27.0
39156.250000	-32.1	5.1	-27.0
39190.750000	-32.1	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) (6025 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

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

Pre Measurements

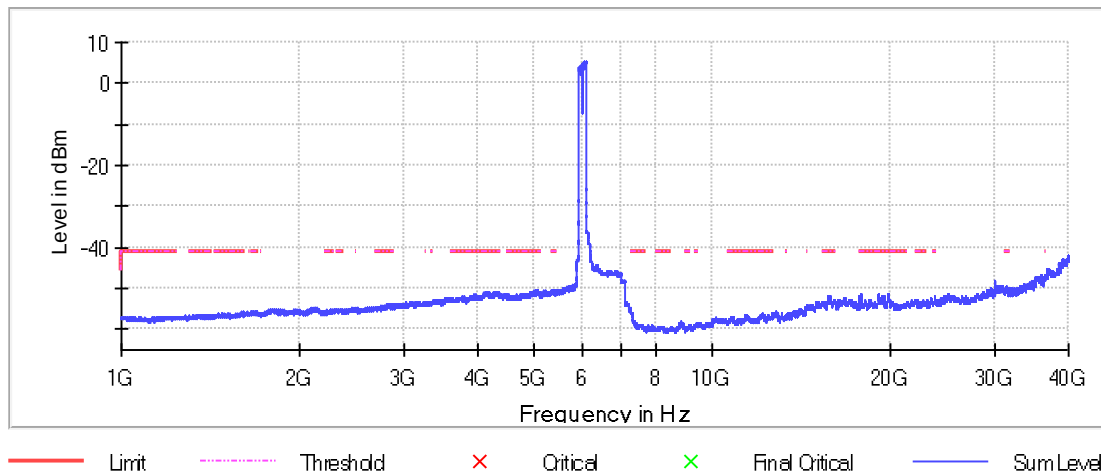
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36494.203306	-47.1	5.9	-41.2
36479.078779	-47.2	6.0	-41.2
36496.953220	-47.2	6.0	-41.2
36488.703478	-47.2	6.0	-41.2
36496.265742	-47.3	6.1	-41.2
36494.890785	-47.3	6.1	-41.2
36490.078435	-47.3	6.1	-41.2
36473.578951	-47.3	6.1	-41.2
36483.891128	-47.3	6.1	-41.2

36480.453736	-47.4	6.2	-41.2
36472.203994	-47.4	6.2	-41.2
36484.578607	-47.4	6.2	-41.2
36492.140871	-47.4	6.2	-41.2
36489.390957	-47.4	6.2	-41.2
36481.828693	-47.4	6.2	-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

Restricted Band



Emissions in restricted frequency bands (Peak) (6025 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

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

Pre Measurements

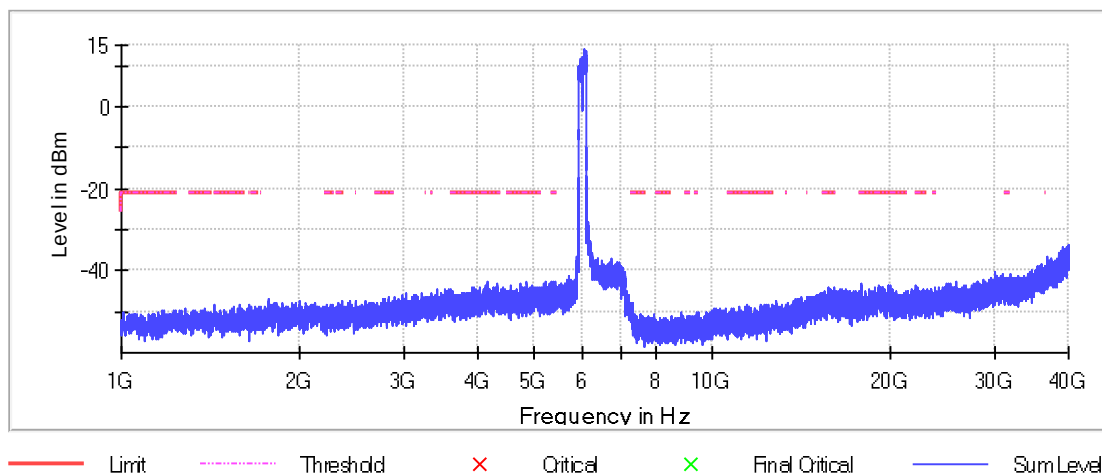
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36435.767632	-38.9	17.7	-21.2
36494.890785	-39.4	18.2	-21.2
36483.203650	-39.7	18.5	-21.2

36468.079123	-39.7	18.5	-21.2
36494.203306	-39.7	18.5	-21.2
36492.828349	-39.7	18.5	-21.2
36461.204337	-39.9	18.7	-21.2
36481.141214	-40.1	18.9	-21.2
36467.391644	-40.1	18.9	-21.2
36435.080154	-40.1	18.9	-21.2
36447.454767	-40.1	18.9	-21.2
36481.828693	-40.1	18.9	-21.2
36479.766257	-40.2	19.0	-21.2
36466.704165	-40.3	19.1	-21.2
36473.578951	-40.5	19.3	-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

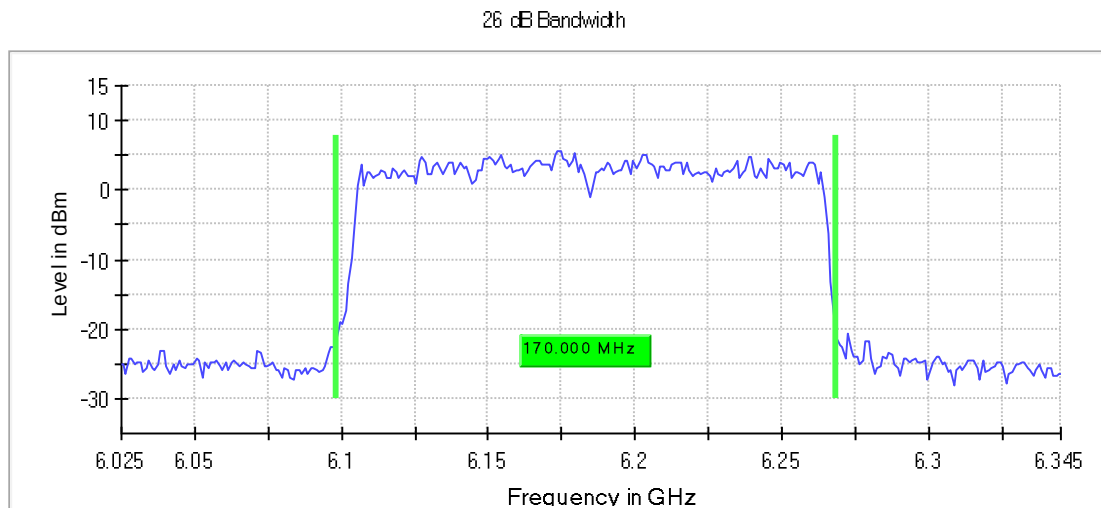


Emission Bandwidth 26 dB (6185 MHz; 24.000 dBm; 160 MHz)

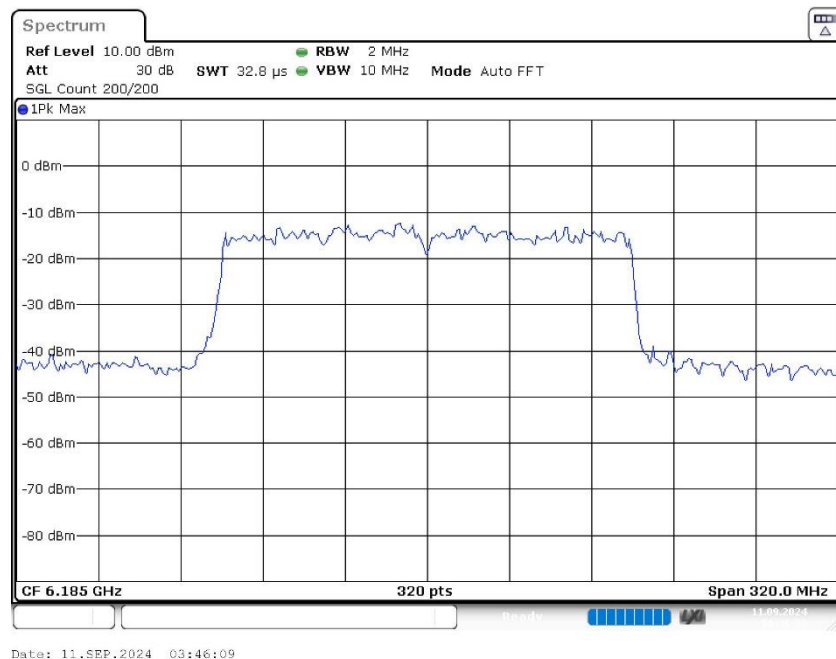
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6185.000000	170.000000	---	320.000000	6098.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6185.000000	6268.500000	---	5.7	PASS



Bandwidth



In-Band Emissions (6185 MHz; 24.000 dBm; 160 MHz)

Result

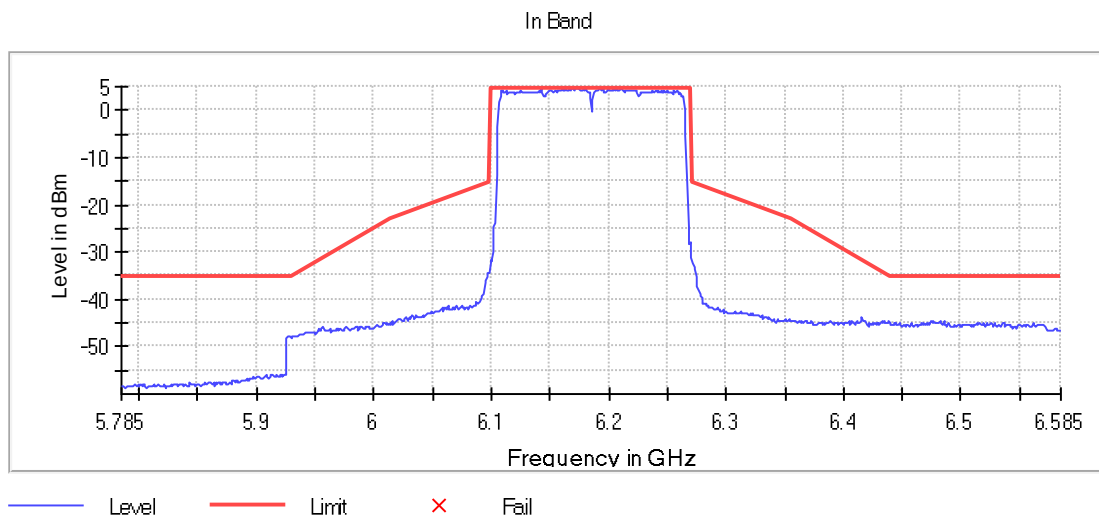
DUT Frequency (MHz)	Result
6185.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6169.500000	4.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6169.500000	4.8	0.0	4.8	PASS
6174.500000	4.7	0.0	4.8	PASS
6173.500000	4.7	0.1	4.8	PASS
6171.500000	4.6	0.2	4.8	PASS
6168.500000	4.6	0.2	4.8	PASS
6160.500000	4.6	0.2	4.8	PASS
6166.500000	4.6	0.2	4.8	PASS
6210.500000	4.5	0.2	4.8	PASS
6172.500000	4.5	0.2	4.8	PASS
6206.500000	4.5	0.3	4.8	PASS
6163.500000	4.5	0.3	4.8	PASS
6194.500000	4.5	0.3	4.8	PASS
6178.500000	4.5	0.3	4.8	PASS
6204.500000	4.5	0.3	4.8	PASS
6142.500000	4.4	0.3	4.8	PASS

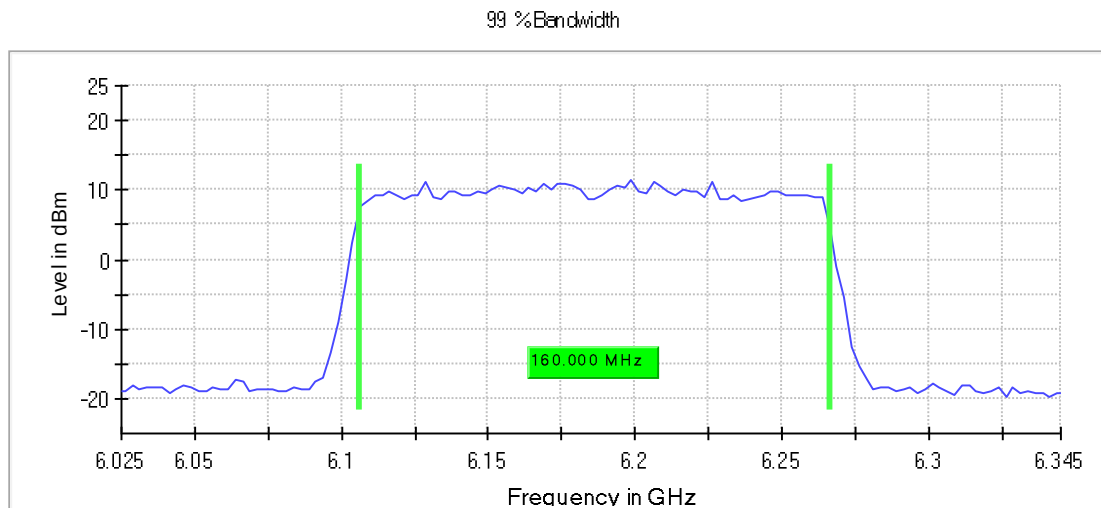


Occupied Channel Bandwidth 99% (6185 MHz; 24.000 dBm; 160 MHz)

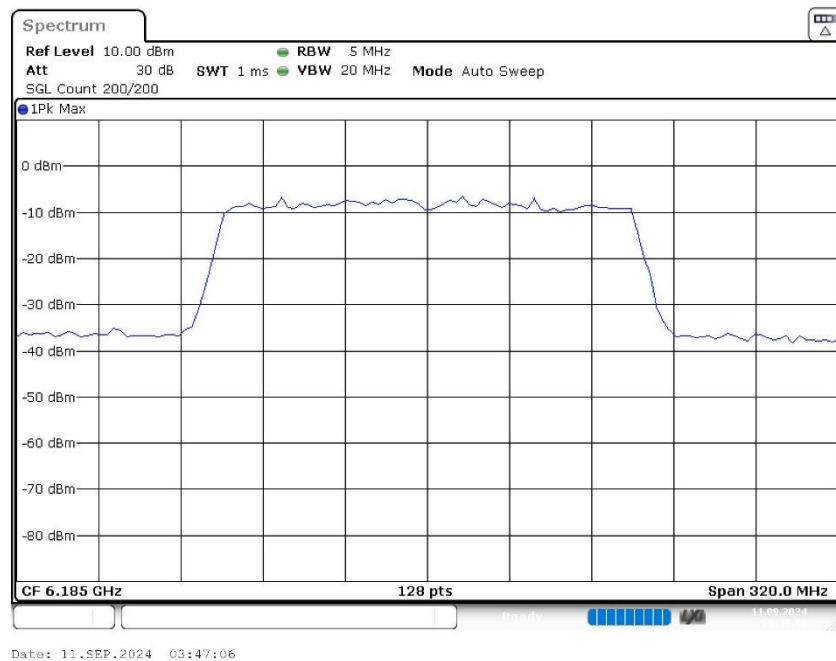
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6185.000000	160.000000	---	320.000000	6106.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6185.000000	6266.250000	7125.000000	PASS



Bandwidth



Tx Spurious Emission (6185 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

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

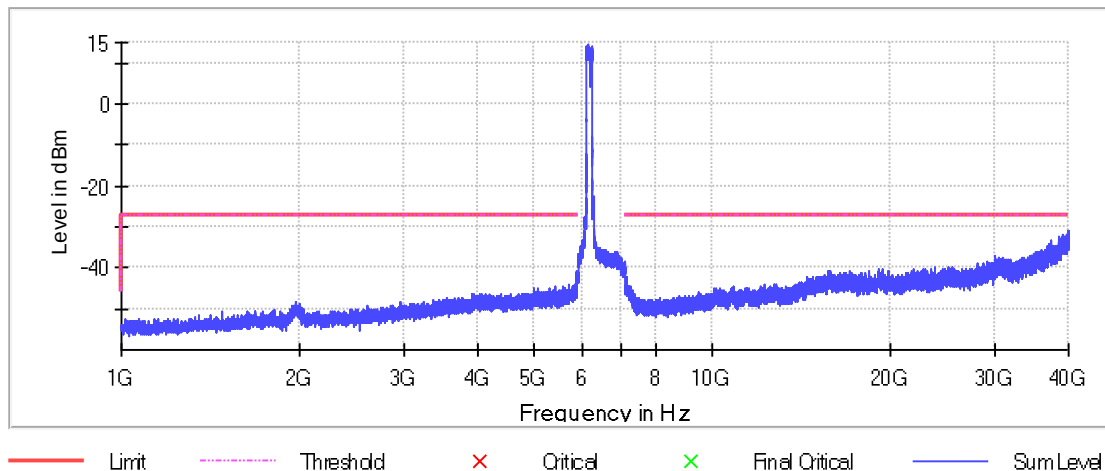
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39997.250000	-30.9	3.9	-27.0
39946.250000	-31.1	4.1	-27.0
39990.750000	-31.2	4.2	-27.0
39953.250000	-31.2	4.2	-27.0
39894.750000	-31.2	4.2	-27.0
39975.750000	-31.3	4.3	-27.0
39962.750000	-31.5	4.5	-27.0
39940.250000	-31.5	4.5	-27.0
39920.750000	-31.6	4.6	-27.0
39964.250000	-31.7	4.7	-27.0
39850.250000	-31.7	4.7	-27.0
39968.750000	-31.8	4.8	-27.0
39949.250000	-31.8	4.8	-27.0
39945.750000	-31.8	4.8	-27.0
39903.750000	-31.9	4.9	-27.0

Measurement Settings

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

Spurious



Emissions in restricted frequency bands (Average) (6185 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

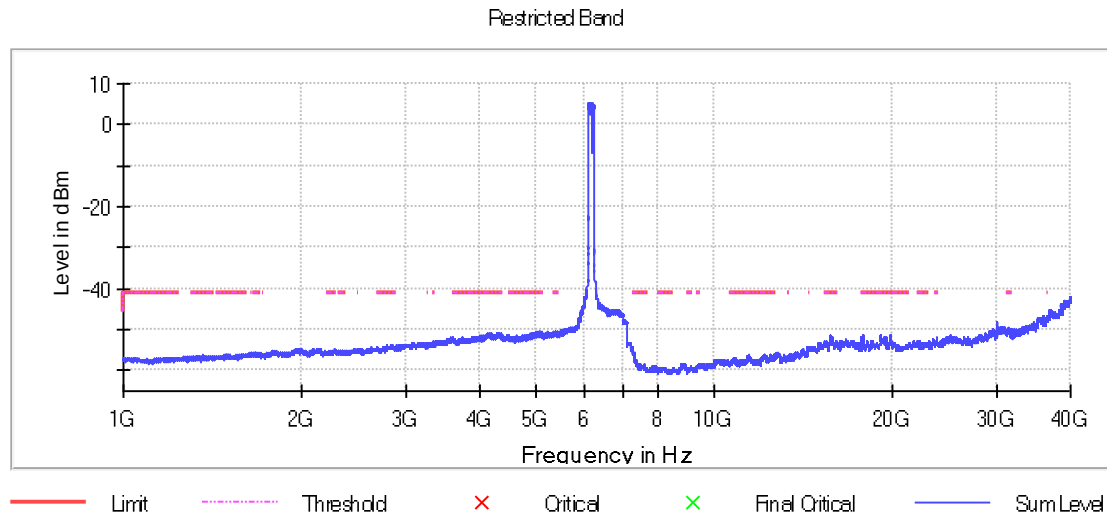
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36488.016000	-47.1	5.9	-41.2
36494.890785	-47.1	5.9	-41.2
36470.829037	-47.2	6.0	-41.2
36495.578263	-47.2	6.0	-41.2
36479.766257	-47.2	6.0	-41.2
36493.515828	-47.2	6.0	-41.2
36488.703478	-47.3	6.1	-41.2
36490.765914	-47.3	6.1	-41.2
36499.703134	-47.3	6.1	-41.2
36494.203306	-47.3	6.1	-41.2
36477.016343	-47.3	6.1	-41.2
36496.953220	-47.3	6.1	-41.2
36438.517546	-47.3	6.1	-41.2
36490.078435	-47.3	6.1	-41.2
36487.328521	-47.3	6.1	-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) (6185 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

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

Pre Measurements

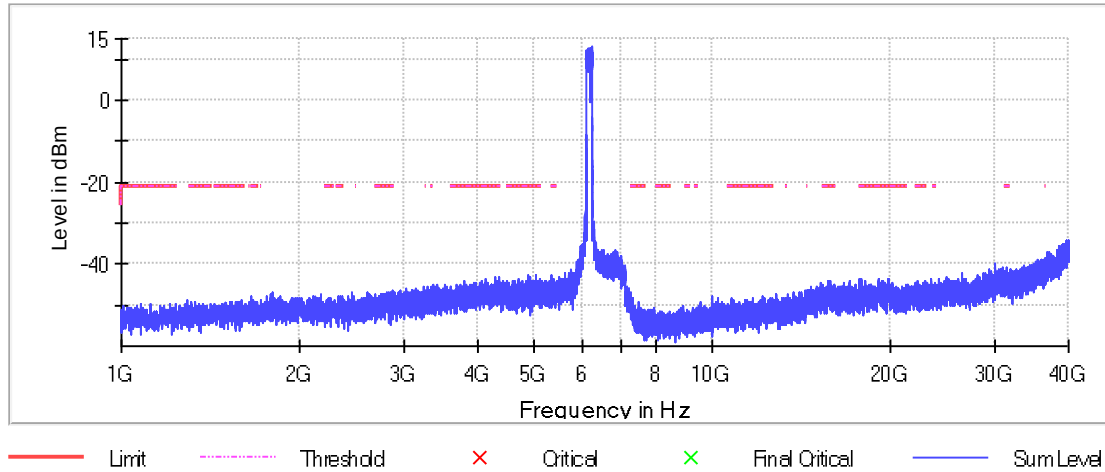
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36465.329208	-39.1	17.9	-21.2
36448.829724	-39.2	18.0	-21.2
36463.954251	-39.3	18.1	-21.2
36468.079123	-39.4	18.2	-21.2
36464.641730	-39.5	18.3	-21.2
36471.516515	-39.5	18.3	-21.2
36437.830068	-39.9	18.7	-21.2
36457.079466	-39.9	18.7	-21.2
36449.517203	-39.9	18.7	-21.2
36446.767289	-40.0	18.8	-21.2
36478.391300	-40.1	18.9	-21.2
36435.080154	-40.2	19.0	-21.2
36492.828349	-40.2	19.0	-21.2
36479.078779	-40.3	19.1	-21.2
36452.954595	-40.3	19.1	-21.2

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
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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



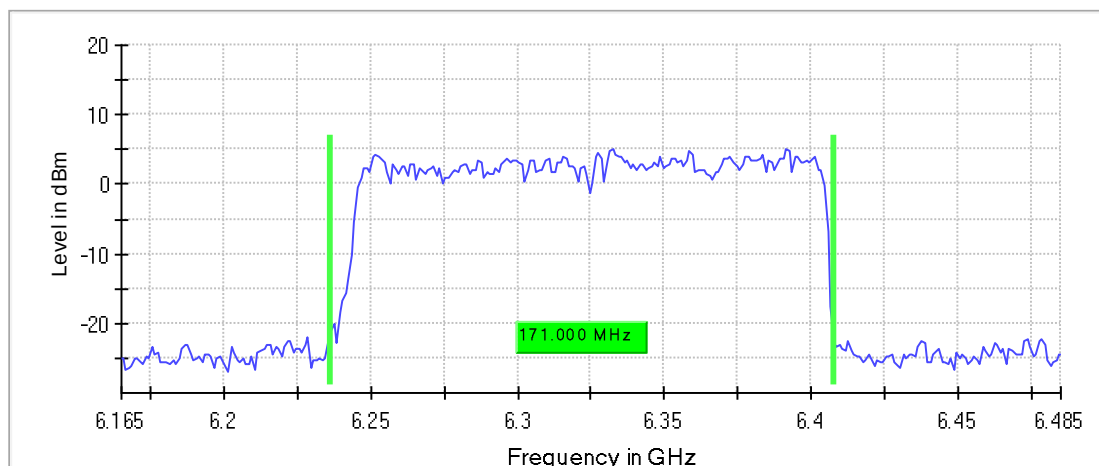
Emission Bandwidth 26 dB (6325 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

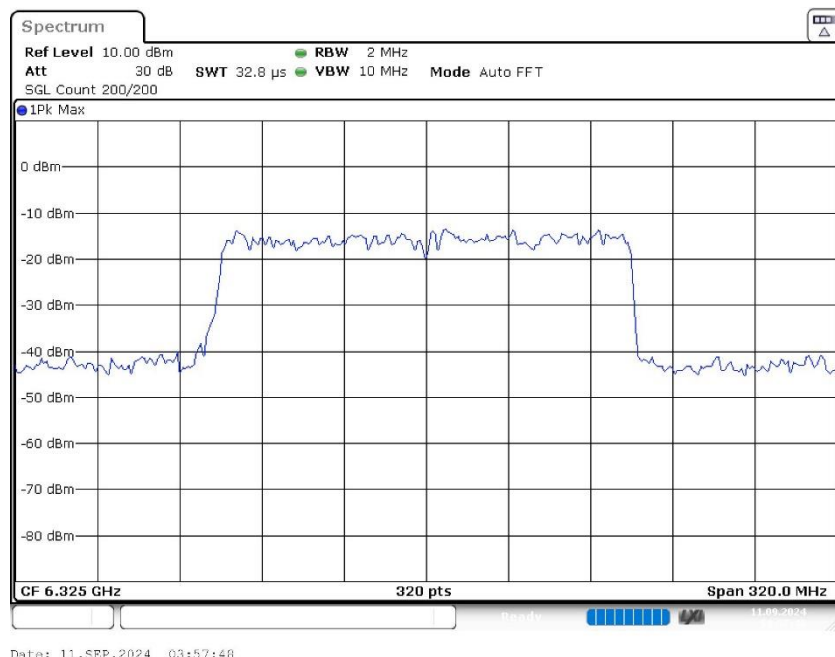
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6325.000000	171.000000	---	320.000000	6236.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6325.000000	6407.500000	---	5.1	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6325 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Inband Peak

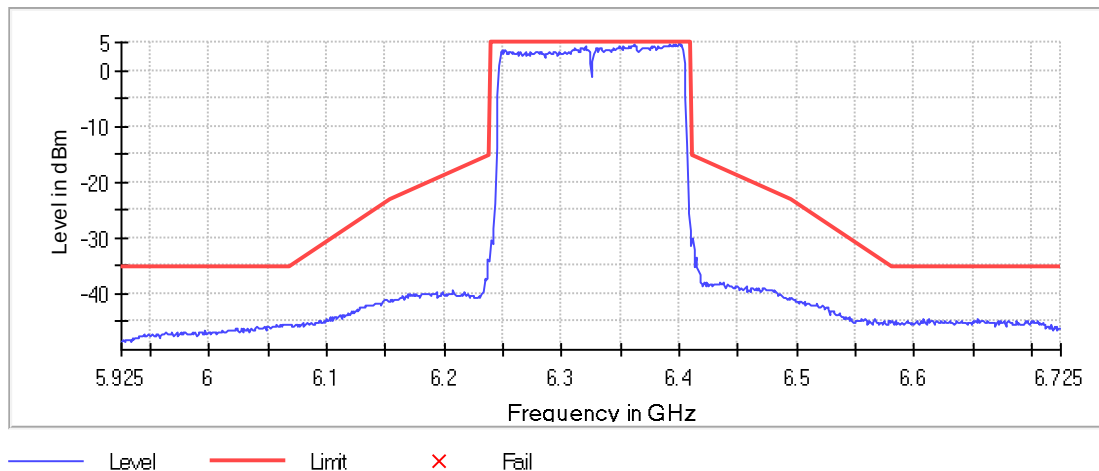
Frequency (MHz)	Level (dBm)
6400.500000	4.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6397.500000	4.8	0.1	4.9	PASS
6395.500000	4.7	0.2	4.9	PASS
6392.500000	4.6	0.2	4.9	PASS
6361.500000	4.6	0.3	4.9	PASS
6402.500000	4.5	0.3	4.9	PASS
6399.500000	4.5	0.4	4.9	PASS
6360.500000	4.5	0.4	4.9	PASS
6396.500000	4.4	0.4	4.9	PASS
6391.500000	4.4	0.5	4.9	PASS
6378.500000	4.4	0.5	4.9	PASS
6320.500000	4.4	0.5	4.9	PASS
6390.500000	4.4	0.5	4.9	PASS
6401.500000	4.3	0.5	4.9	PASS
6393.500000	4.3	0.6	4.9	PASS

6382.500000	4.3	0.6	4.9	PASS
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In Band



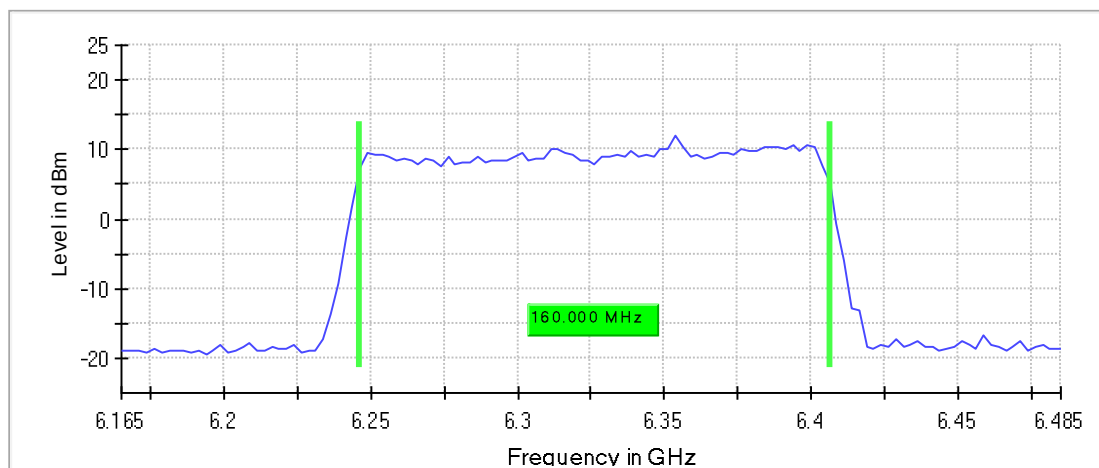
Occupied Channel Bandwidth 99% (6325 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

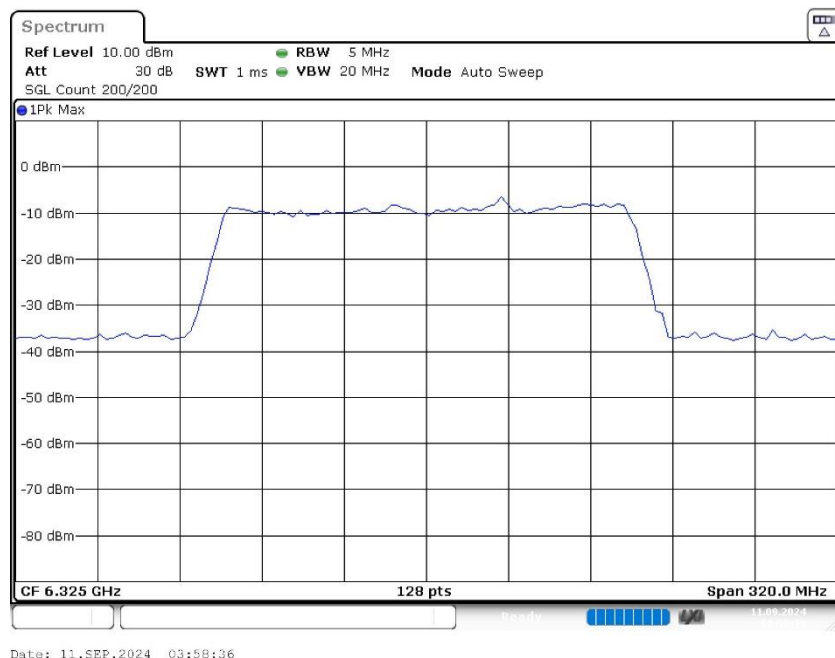
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6325.000000	160.000000	---	320.000000	6246.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6325.000000	6406.250000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Tx Spurious Emission (6325 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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

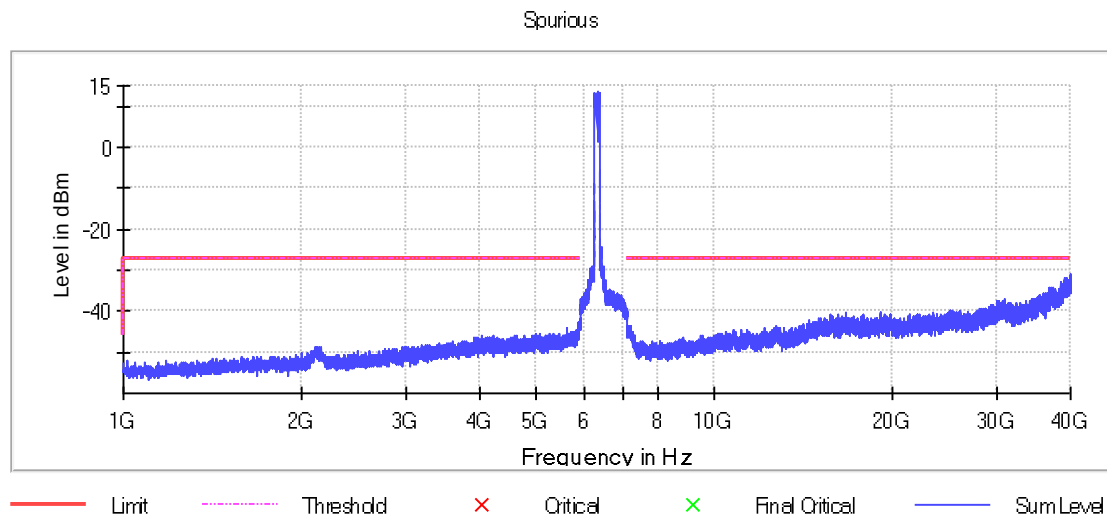
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39997.750000	-30.9	3.9	-27.0
39975.750000	-31.6	4.6	-27.0
39960.750000	-31.6	4.6	-27.0
39975.250000	-31.7	4.7	-27.0
39989.750000	-31.7	4.7	-27.0
39935.250000	-31.8	4.8	-27.0
39949.750000	-31.8	4.8	-27.0
39964.750000	-31.8	4.8	-27.0
39993.750000	-31.9	4.9	-27.0
39938.250000	-31.9	4.9	-27.0
39261.250000	-31.9	4.9	-27.0
39141.750000	-32.0	5.0	-27.0
39965.250000	-32.0	5.0	-27.0
39981.250000	-32.0	5.0	-27.0

39937.750000	-32.0	5.0	-27.0
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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) (6325 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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

Pre Measurements

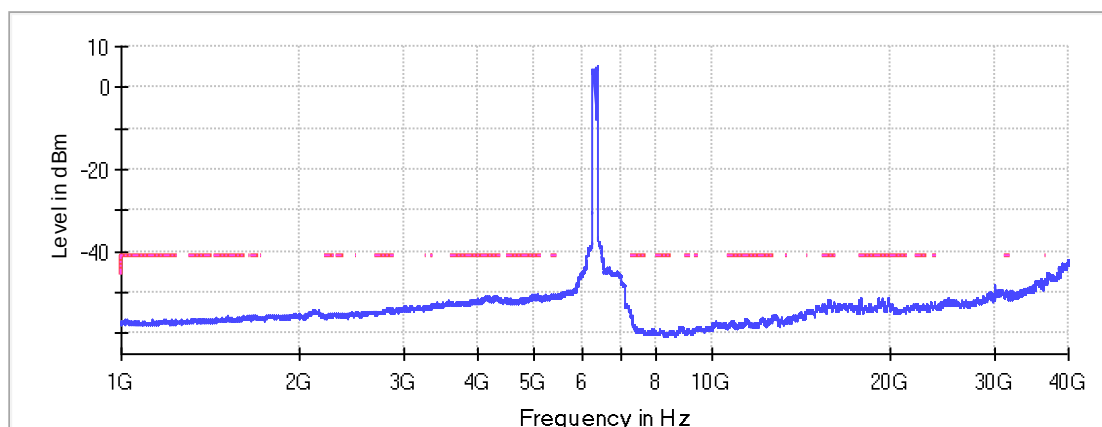
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36499.703134	-47.1	5.9	-41.2
36472.203994	-47.2	6.0	-41.2
36468.079123	-47.2	6.0	-41.2
36487.328521	-47.2	6.0	-41.2
36492.140871	-47.2	6.0	-41.2
36492.828349	-47.2	6.0	-41.2
36467.391644	-47.3	6.1	-41.2

36499.015656	-47.3	6.1	-41.2
36476.328865	-47.3	6.1	-41.2
36488.703478	-47.3	6.1	-41.2
36479.766257	-47.3	6.1	-41.2
36464.641730	-47.3	6.1	-41.2
36490.765914	-47.3	6.1	-41.2
36496.953220	-47.3	6.1	-41.2
36484.578607	-47.3	6.1	-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

Restricted Band



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

Emissions in restricted frequency bands (Peak) (6325 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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

Pre Measurements

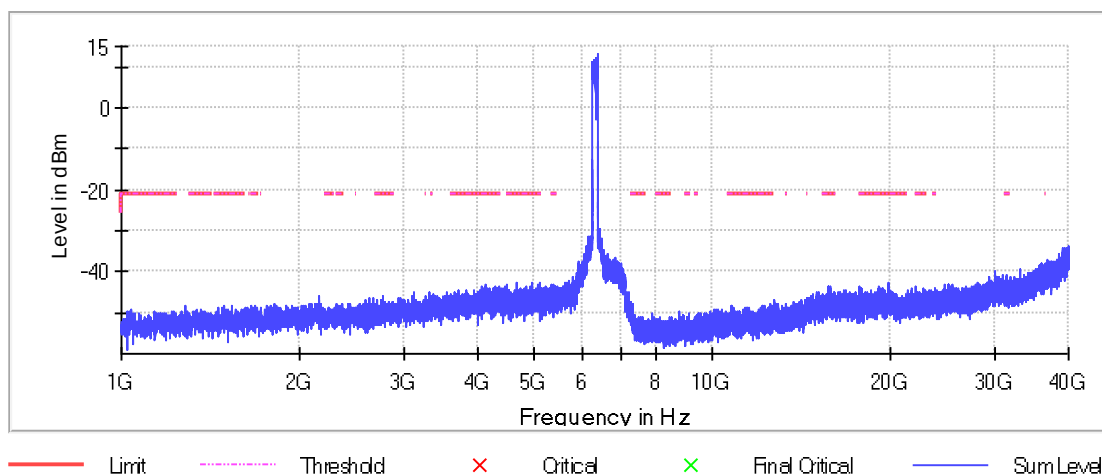
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36452.267117	-39.4	18.2	-21.2
36461.204337	-39.8	18.6	-21.2

36493.515828	-39.8	18.6	-21.2
36437.142589	-40.0	18.8	-21.2
36450.204681	-40.0	18.8	-21.2
36474.266429	-40.0	18.8	-21.2
36433.017718	-40.1	18.9	-21.2
36447.454767	-40.2	19.0	-21.2
36497.640699	-40.2	19.0	-21.2
36490.765914	-40.4	19.2	-21.2
36437.830068	-40.5	19.3	-21.2
36476.328865	-40.7	19.5	-21.2
36472.203994	-40.8	19.6	-21.2
36457.766945	-40.8	19.6	-21.2
36440.579982	-40.8	19.6	-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

Restricted Band



In-Band Emissions (6265 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6265.000000	PASS

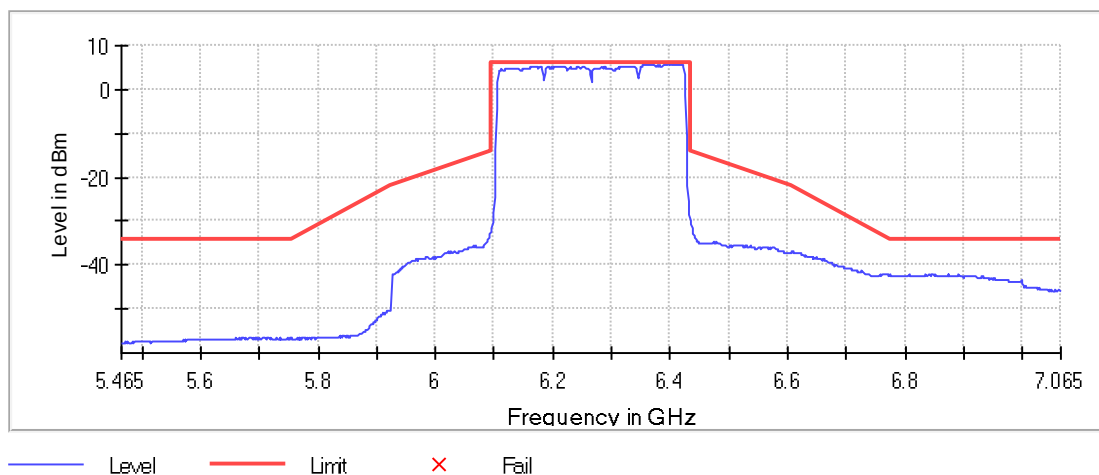
Inband Peak

Frequency (MHz)	Level (dBm)
6396.958763	6.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6399.957826	5.9	0.0	6.0	PASS
6395.459231	5.9	0.1	6.0	PASS
6392.460169	5.8	0.1	6.0	PASS
6401.457357	5.8	0.1	6.0	PASS
6390.960637	5.8	0.1	6.0	PASS
6402.956888	5.8	0.2	6.0	PASS
6393.959700	5.8	0.2	6.0	PASS
6398.458294	5.8	0.2	6.0	PASS
6404.456420	5.7	0.2	6.0	PASS
6389.461106	5.7	0.2	6.0	PASS
6408.955014	5.7	0.2	6.0	PASS
6417.952202	5.7	0.3	6.0	PASS
6419.451734	5.7	0.3	6.0	PASS
6405.955951	5.7	0.3	6.0	PASS
6359.470478	5.7	0.3	6.0	PASS

In Band



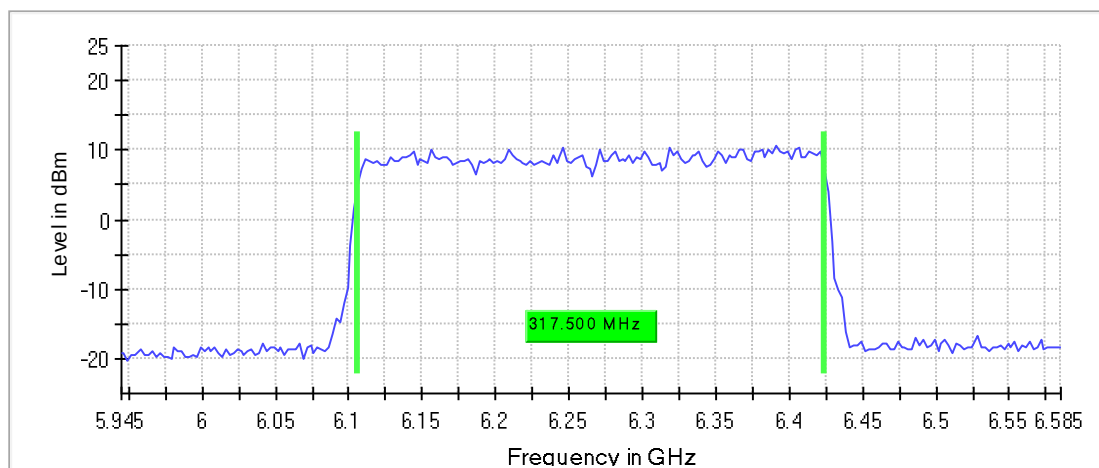
Occupied Channel Bandwidth 99% (6265 MHz; 24.000 dBm; 320 MHz)

99 % Bandwidth

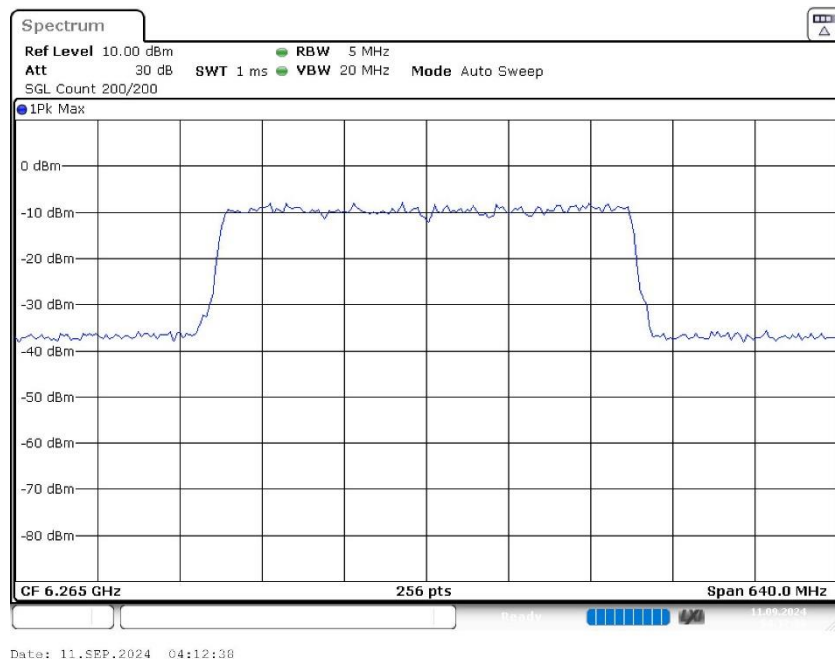
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6265.000000	317.500000	---	---	6106.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6265.000000	6423.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Tx Spurious Emission (6265 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6265.000000	PASS

Final measurements

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

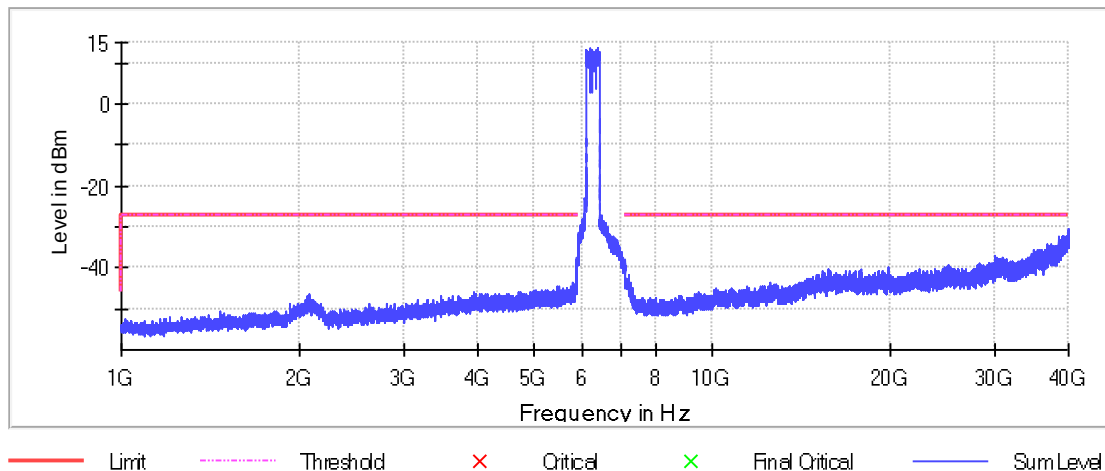
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39976.750000	-30.7	3.7	-27.0
39948.750000	-30.8	3.8	-27.0
39992.750000	-31.3	4.3	-27.0
39982.750000	-31.4	4.4	-27.0
39951.750000	-31.5	4.5	-27.0
39975.250000	-31.5	4.5	-27.0
39965.250000	-31.6	4.6	-27.0
39998.750000	-31.6	4.6	-27.0
39868.250000	-31.6	4.6	-27.0
39998.250000	-31.7	4.7	-27.0
39991.750000	-31.8	4.8	-27.0
39952.250000	-31.8	4.8	-27.0
39972.750000	-32.0	5.0	-27.0
39972.250000	-32.0	5.0	-27.0
39951.250000	-32.0	5.0	-27.0

Measurement Settings

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

Spurious



Emissions in restricted frequency bands (Average) (6265 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6265.000000	PASS

Final measurements

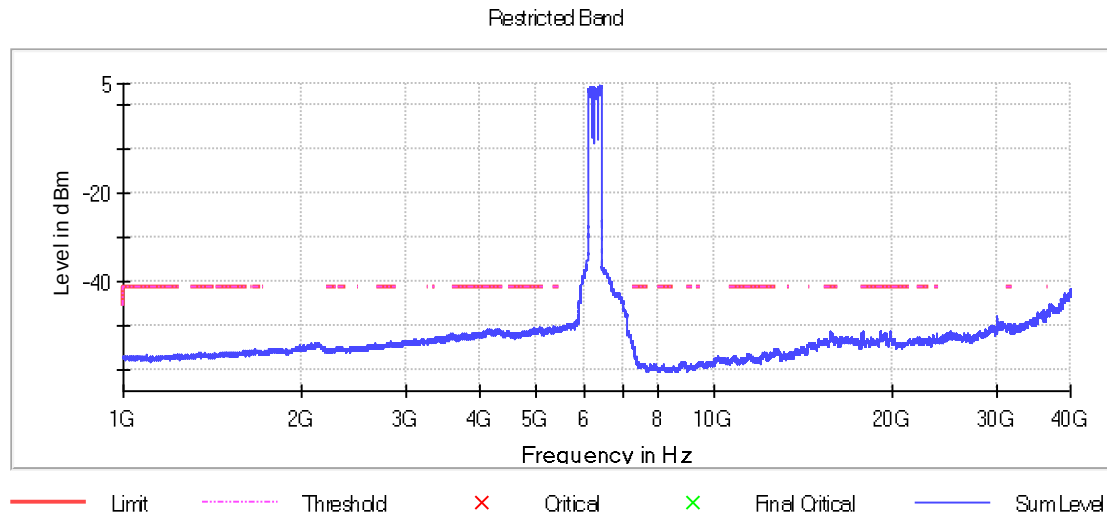
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
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Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36498.328177	-47.1	5.9	-41.2
36490.765914	-47.2	6.0	-41.2
36493.515828	-47.2	6.0	-41.2
36496.953220	-47.2	6.0	-41.2
36495.578263	-47.2	6.0	-41.2
36483.891128	-47.2	6.0	-41.2
36444.017374	-47.3	6.1	-41.2
36492.140871	-47.3	6.1	-41.2
36494.203306	-47.3	6.1	-41.2
36471.516515	-47.3	6.1	-41.2
36446.079810	-47.3	6.1	-41.2
36479.078779	-47.3	6.1	-41.2
36479.766257	-47.3	6.1	-41.2
36488.016000	-47.3	6.1	-41.2
36481.141214	-47.4	6.2	-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) (6265 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6265.000000	PASS

Final measurements

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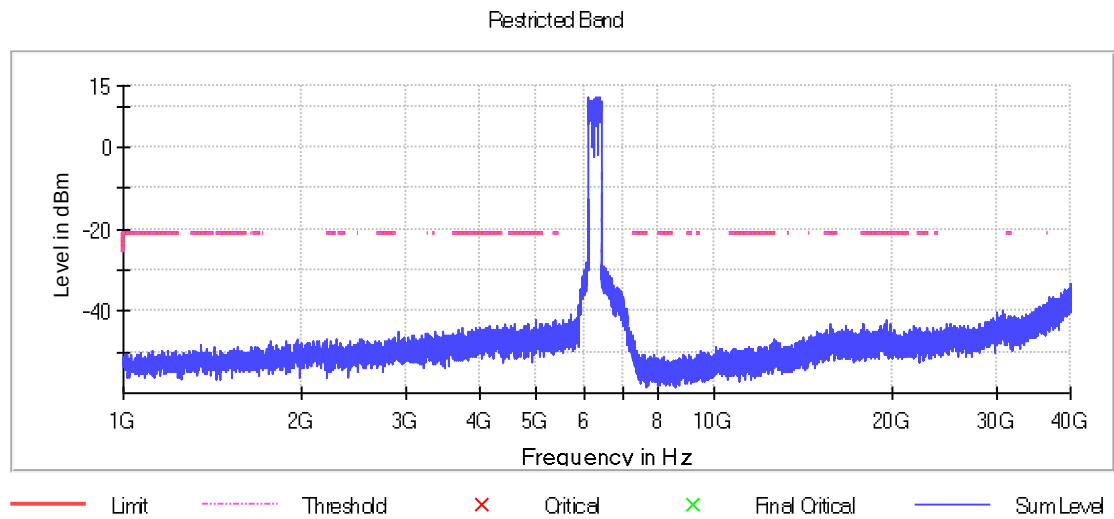
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36472.891472	-39.4	18.2	-21.2
36460.516859	-39.5	18.3	-21.2
36499.703134	-39.6	18.4	-21.2
36445.392331	-39.7	18.5	-21.2
36481.828693	-39.8	18.6	-21.2
36433.017718	-39.8	18.6	-21.2
36437.142589	-40.0	18.8	-21.2
36477.703822	-40.1	18.9	-21.2
36492.140871	-40.1	18.9	-21.2
36468.079123	-40.1	18.9	-21.2
36461.204337	-40.2	19.0	-21.2
36436.455111	-40.3	19.1	-21.2
36449.517203	-40.4	19.2	-21.2
36457.766945	-40.4	19.2	-21.2
36431.642761	-40.4	19.2	-21.2

Measurement Settings

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



1.1.2 Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	5955.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6115.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6195.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	6415.000	24.0	20.000000	PASS
Power Spectral Density (SA-2)	5965.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6125.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6205.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	6405.000	24.0	40.000000	PASS
Power Spectral Density (SA-2)	5985.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6145.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6225.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6385.000	24.0	80.000000	PASS
Power Spectral Density (SA-2)	6025.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6185.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6325.000	24.0	160.000000	PASS
Power Spectral Density (SA-2)	6265.000	24.0	320.000000	PASS

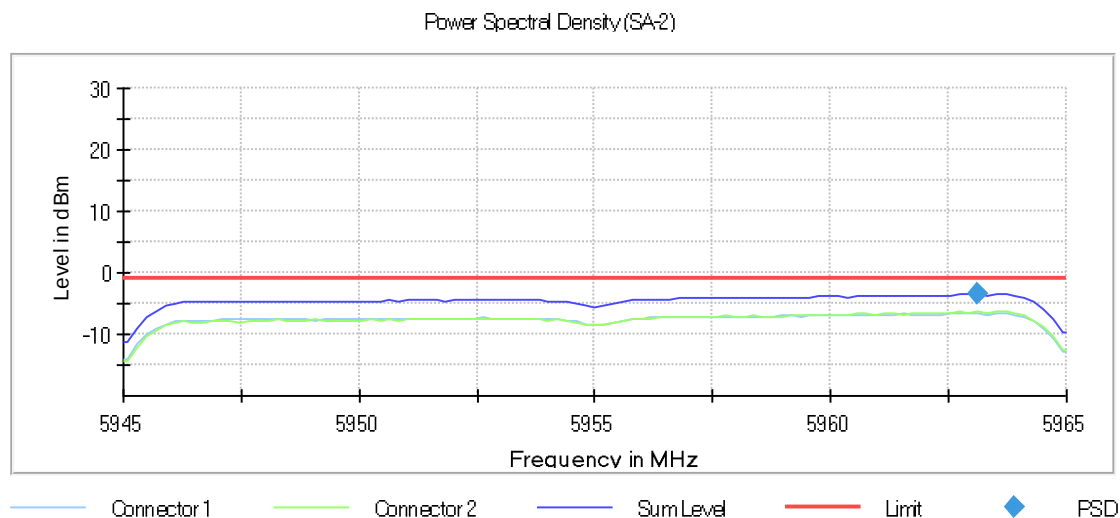
Power Spectral Density (SA-2) (5955 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5955.000000	5963.118812	-3.430	-0.8	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.94500 GHz	5.94500 GHz
Stop Frequency	5.96500 GHz	5.96500 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) (6115 MHz; 24.000 dBm; 20 MHz)

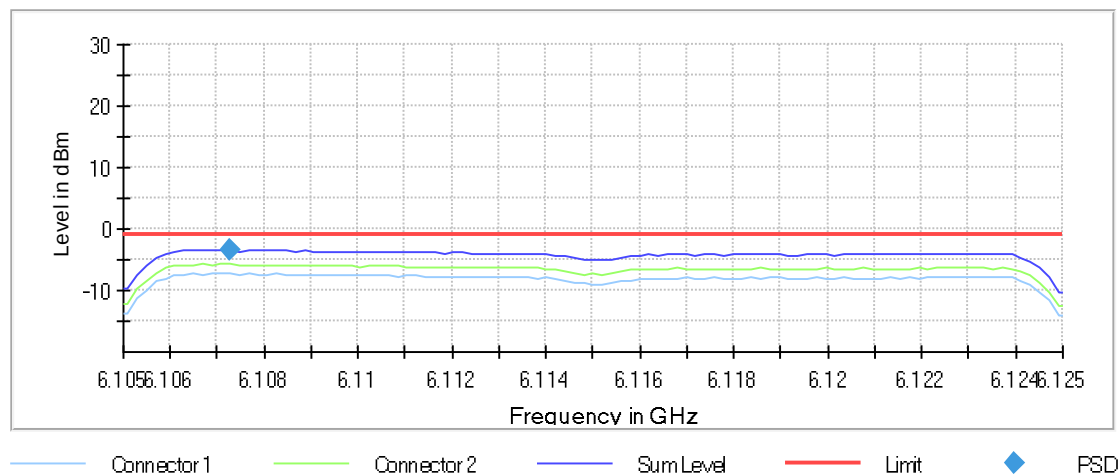
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6115.000000	6107.277228	-3.400	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density(SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.10500 GHz	6.10500 GHz
Stop Frequency	6.12500 GHz	6.12500 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

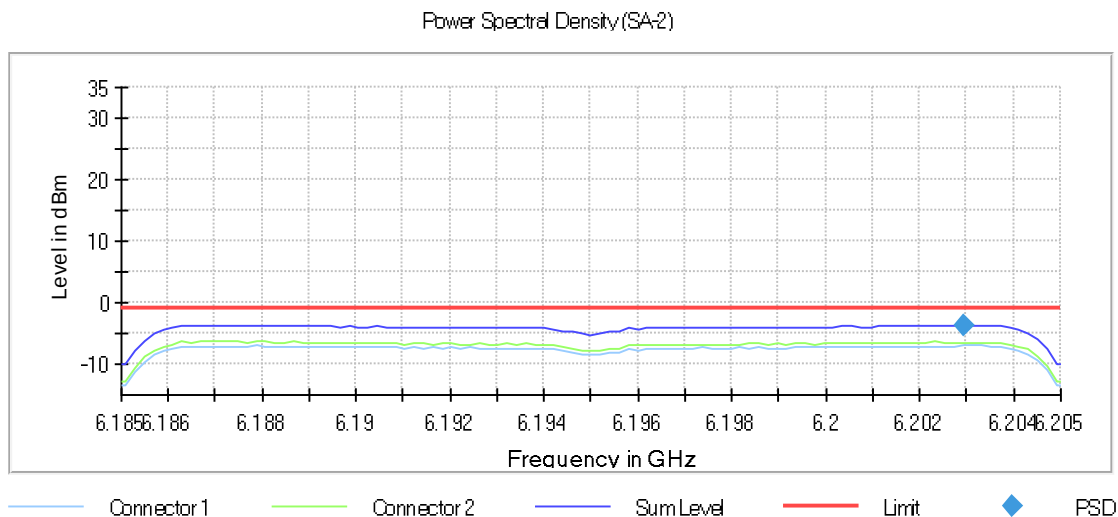
Power Spectral Density (SA-2) (6195 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6195.000000	6202.920792	-3.669	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6415 MHz; 24.000 dBm; 20 MHz)

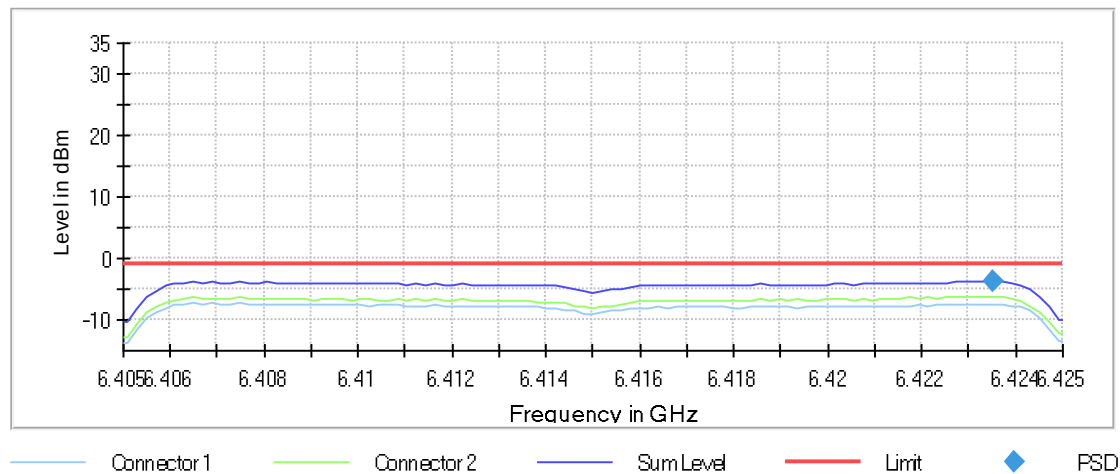
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6415.000000	6423.514851	-3.814	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



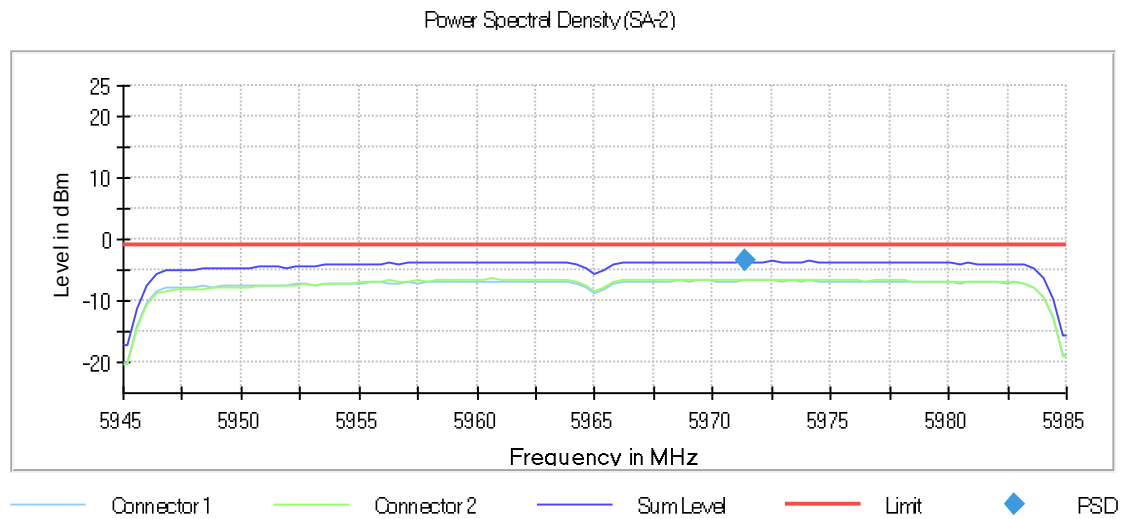
Power Spectral Density (SA-2) (5965 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5965.000000	5971.336634	-3.561	-0.8	PASS

Ports

Port	State
1	used
2	used



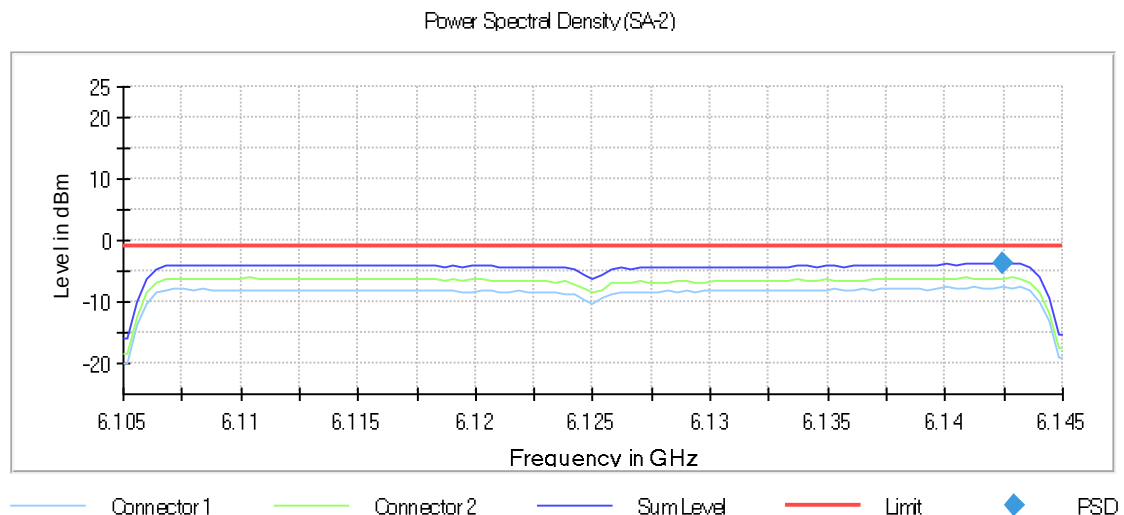
Power Spectral Density (SA-2) (6125 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6125.000000	6142.425743	-3.807	-0.8	PASS

Ports

Port	State
1	used
2	used



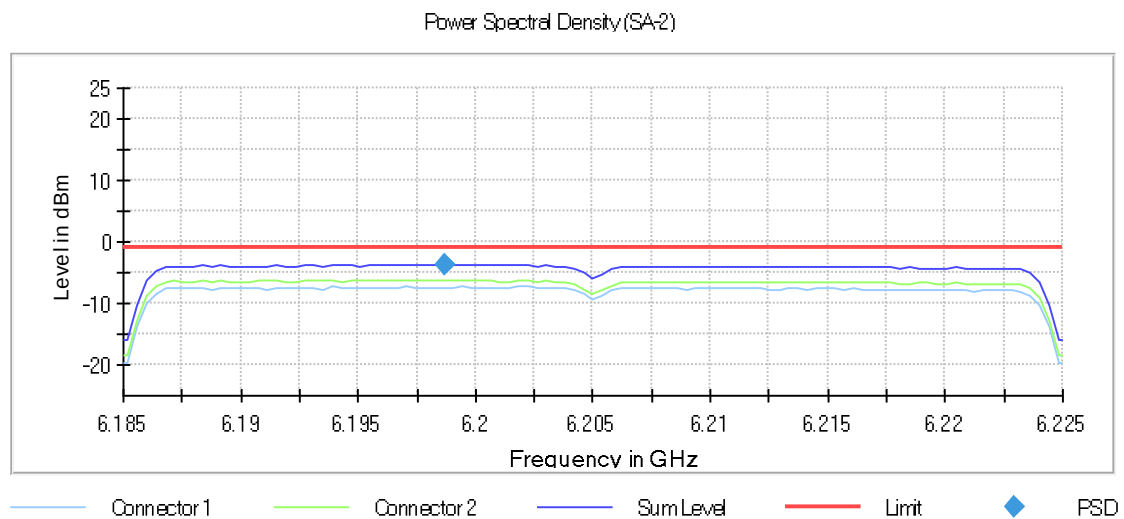
Power Spectral Density (SA-2) (6205 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6205.000000	6198.663366	-3.700	-0.8	PASS

Ports

Port	State
1	used
2	used



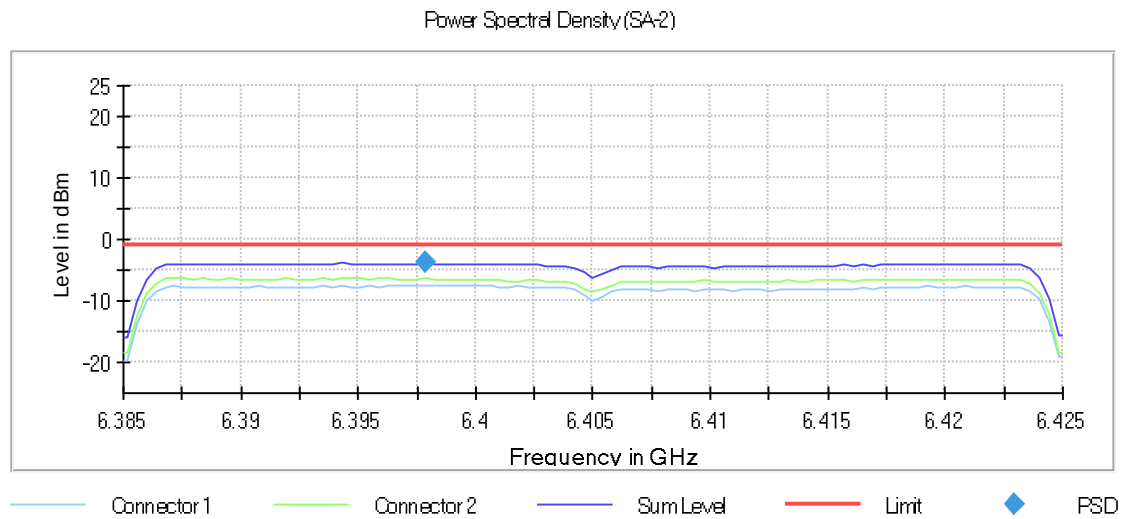
Power Spectral Density (SA-2) (6405 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6405.000000	6397.871287	-3.897	-0.8	PASS

Ports

Port	State
1	used
2	used



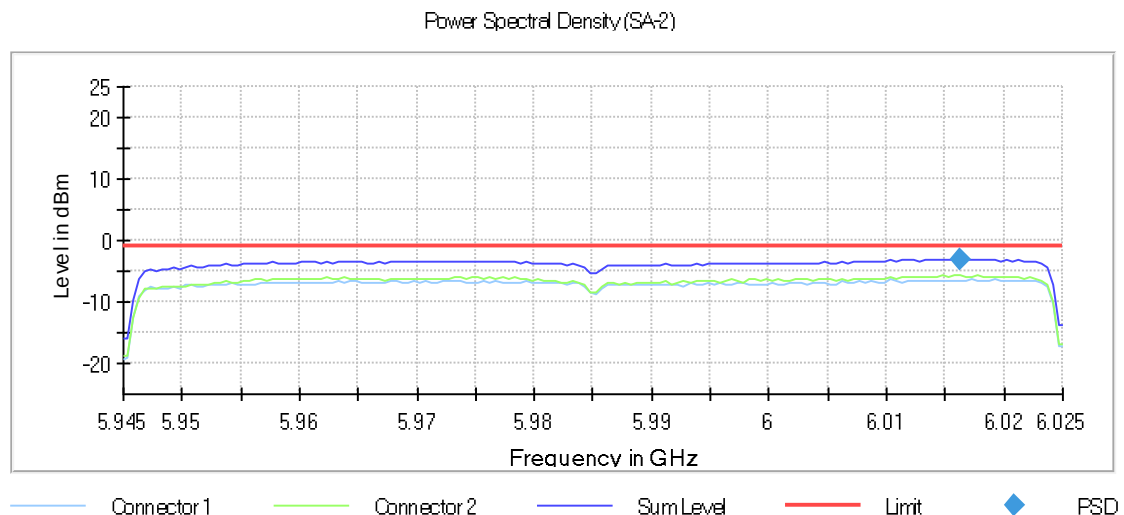
Power Spectral Density (SA-2) (5985 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5985.000000	6016.250000	-3.083	-0.8	PASS

Ports

Port	State
1	used
2	used



Power Spectral Density (SA-2) (6145 MHz; 24.000 dBm; 80 MHz)

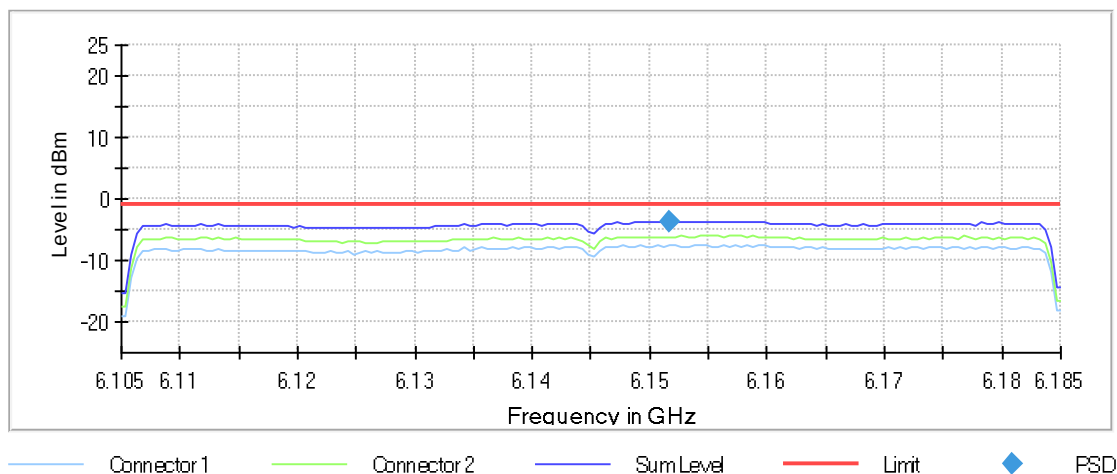
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6145.000000	6151.750000	-3.701	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



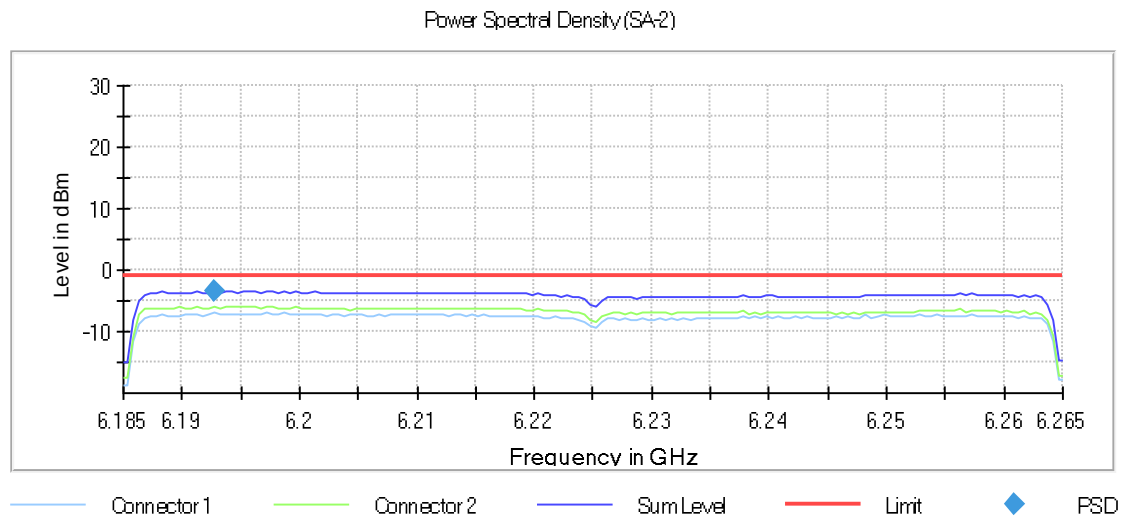
Power Spectral Density (SA-2) (6225 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6225.000000	6192.750000	-3.423	-0.8	PASS

Ports

Port	State
1	used
2	used



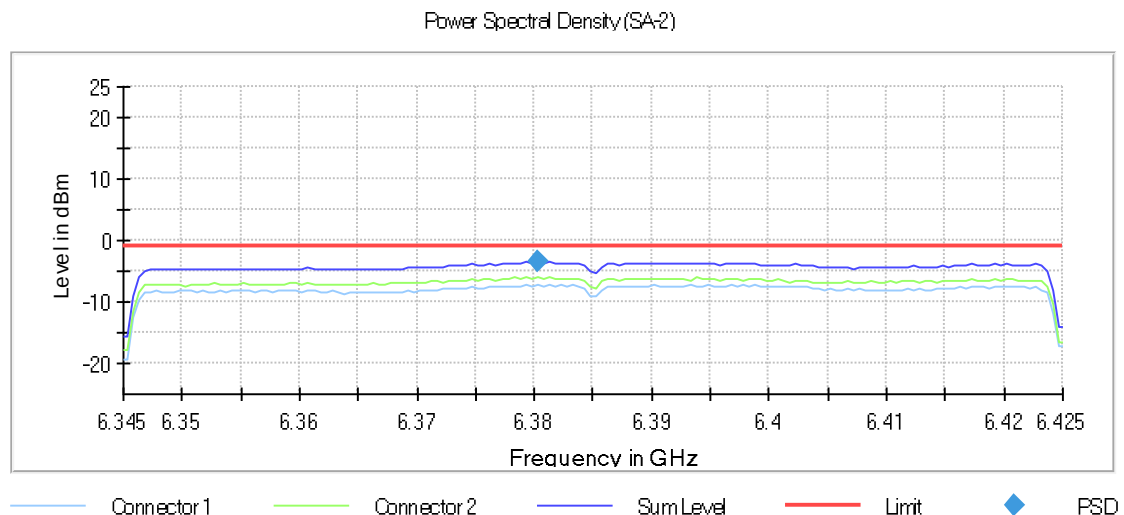
Power Spectral Density (SA-2) (6385 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6385.000000	6380.250000	-3.559	-0.8	PASS

Ports

Port	State
1	used
2	used



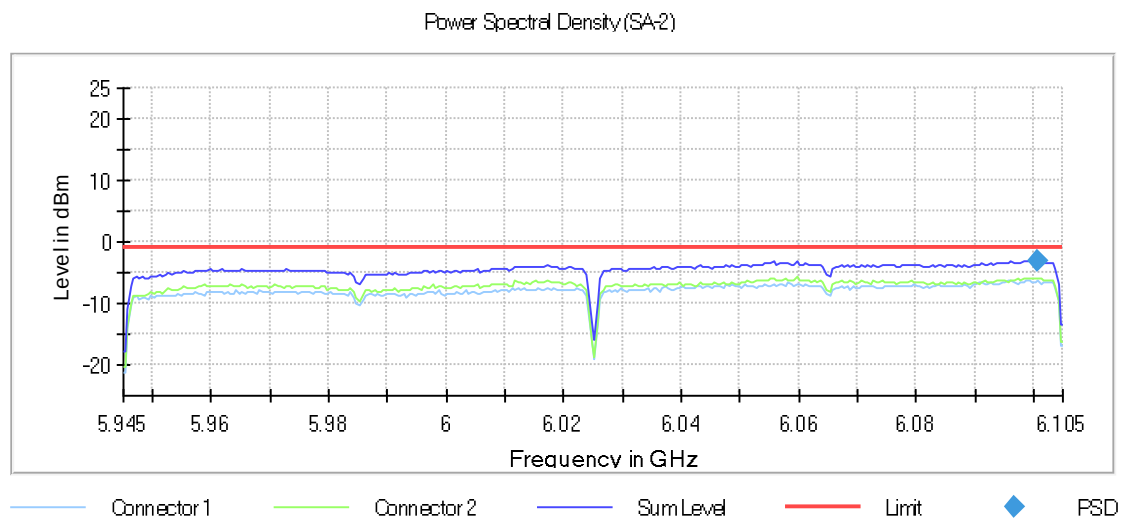
Power Spectral Density (SA-2) (6025 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6025.000000	6100.750000	-3.008	-0.8	PASS

Ports

Port	State
1	used
2	used



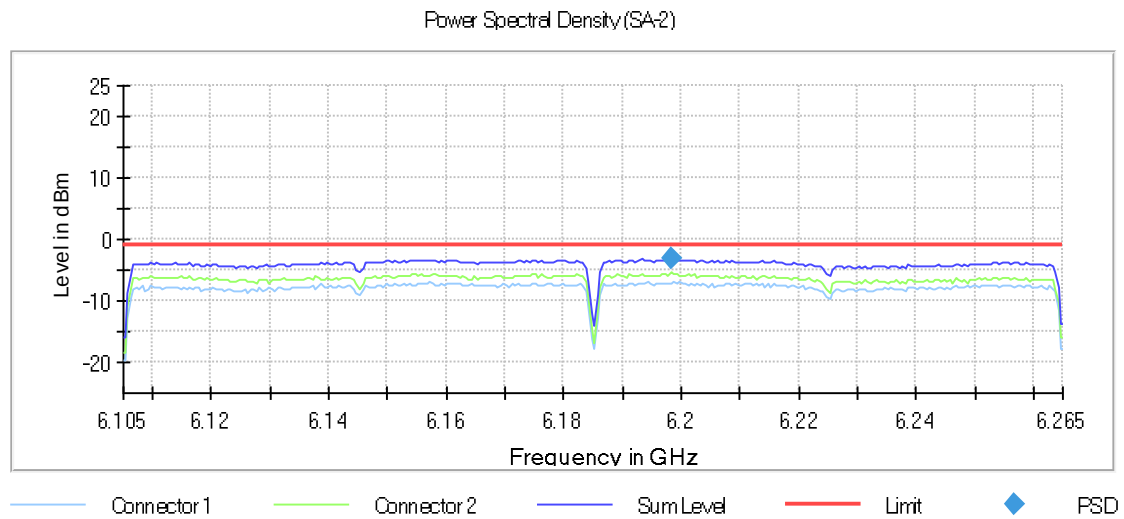
Power Spectral Density (SA-2) (6185 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6185.000000	6198.250000	-3.150	-0.8	PASS

Ports

Port	State
1	used
2	used



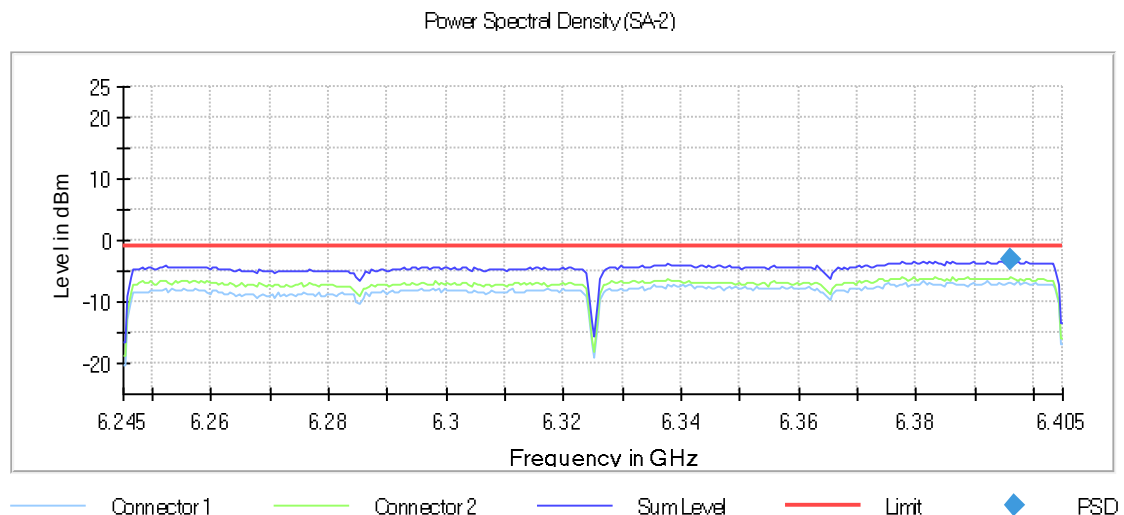
Power Spectral Density (SA-2) (6325 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6325.000000	6396.250000	-3.256	-0.8	PASS

Ports

Port	State
1	used
2	used



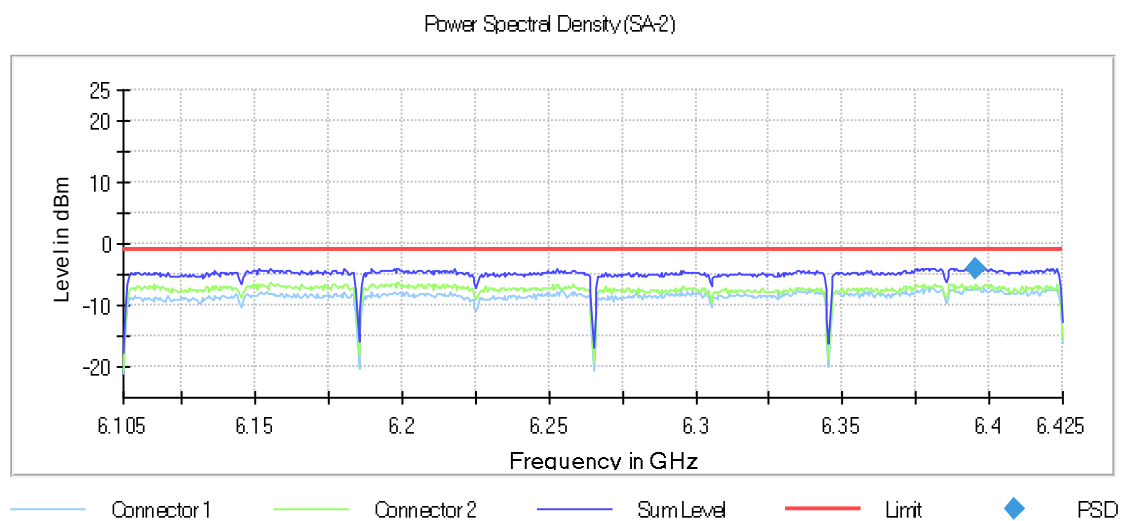
Power Spectral Density (SA-2) (6265 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6265.000000	6395.250000	-3.910	-0.8	PASS

Ports

Port	State
1	used
2	used



-- End of Report--