



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-U7PROM
ISED ID	6545A-U7PROM
Equipment Under Test	U7-Pro-Max
Test Report Serial Number	TR8823_01
Date of Test(s)	9 January and 5, 12 February 2024
Report Issue Date	13 February 2024

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 2024. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until 30 June 2024. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



1 UNII-5 Band

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
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
Emission Bandwidth 26 dB	6265.000	24.0	320.000000	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

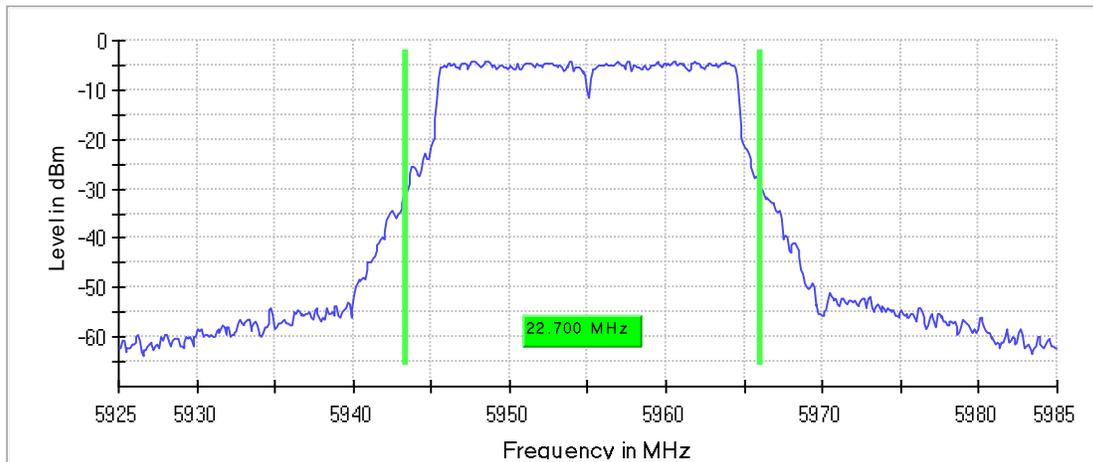
Emission Bandwidth 26 dB (5955 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

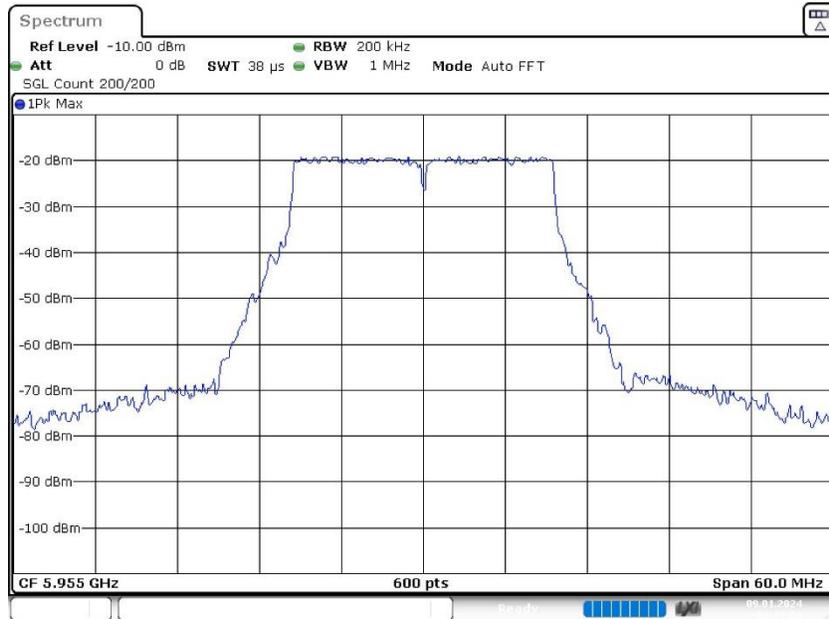
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5955.000000	22.700000	---	320.000000	5943.350000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
5955.000000	5966.050000	---	-4.1	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.92500 GHz	5.92500 GHz
Stop Frequency	5.98500 GHz	5.98500 GHz
Span	60.000 MHz	60.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	600	~ 600
Sweeptime	37.969 μ s	AUTO
Reference Level	-10.000 dBm	AUTO
Attenuation	0.000 dB	0.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
5955.000000	13.8	24.0	13.8	99.728	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
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In-Band Emissions (5955 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
5955.000000	PASS

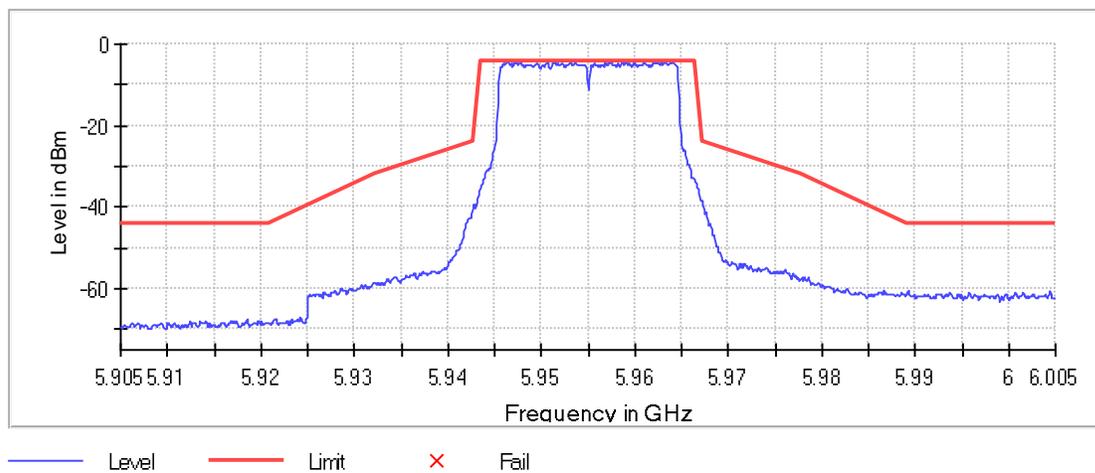
Inband Peak

Frequency (MHz)	Level (dBm)
5958.650000	-4.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5958.650000	-4.1	0.0	-4.1	PASS
5963.350000	-4.1	0.0	-4.1	PASS
5957.450000	-4.2	0.1	-4.1	PASS
5946.350000	-4.2	0.1	-4.1	PASS
5958.750000	-4.3	0.2	-4.1	PASS
5946.450000	-4.3	0.2	-4.1	PASS
5963.250000	-4.3	0.2	-4.1	PASS
5964.050000	-4.3	0.3	-4.1	PASS
5957.550000	-4.4	0.3	-4.1	PASS
5953.650000	-4.4	0.3	-4.1	PASS
5959.050000	-4.4	0.3	-4.1	PASS
5963.150000	-4.4	0.4	-4.1	PASS
5962.050000	-4.5	0.4	-4.1	PASS
5961.950000	-4.5	0.4	-4.1	PASS
5952.150000	-4.5	0.4	-4.1	PASS

In Band



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

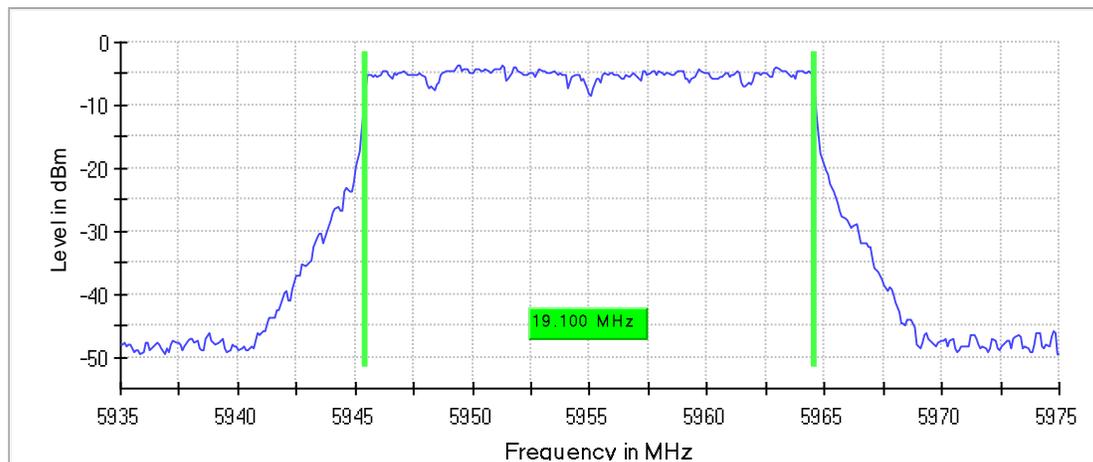
Occupied Channel Bandwidth 99% (5955 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5955.000000	19.100000	---	320.000000	5945.450000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5955.000000	5964.550000	7125.000000	PASS

99 %Bandwidth



Bandwidth



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Measurement

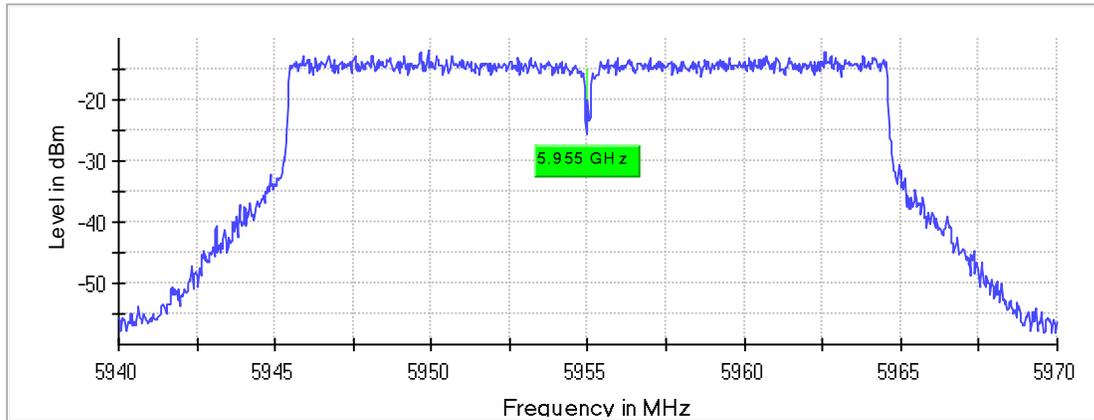
Setting	Instrument Value	Target Value
Start Frequency	5.93500 GHz	5.93500 GHz
Stop Frequency	5.97500 GHz	5.97500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	28.477 μs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off

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

Result

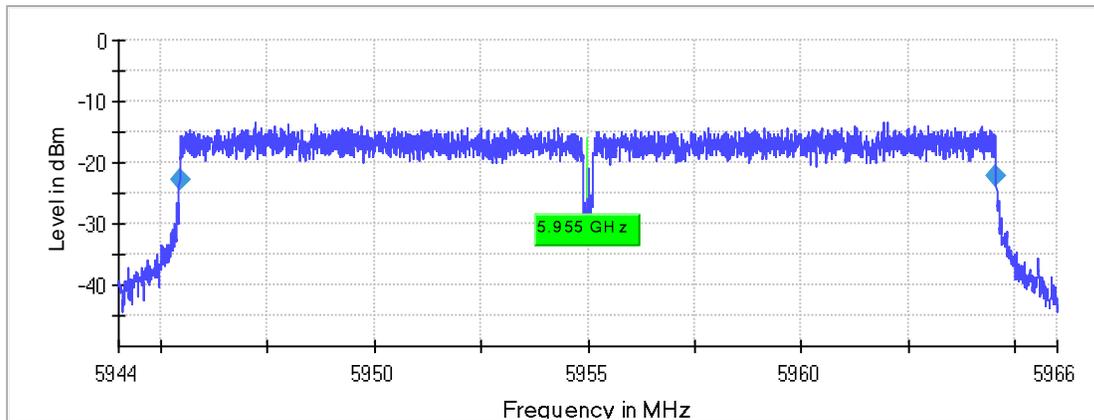
DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
5955.000000	5954.998901	0.185	-1.099500	---	---	PASS

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
Sweptime	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

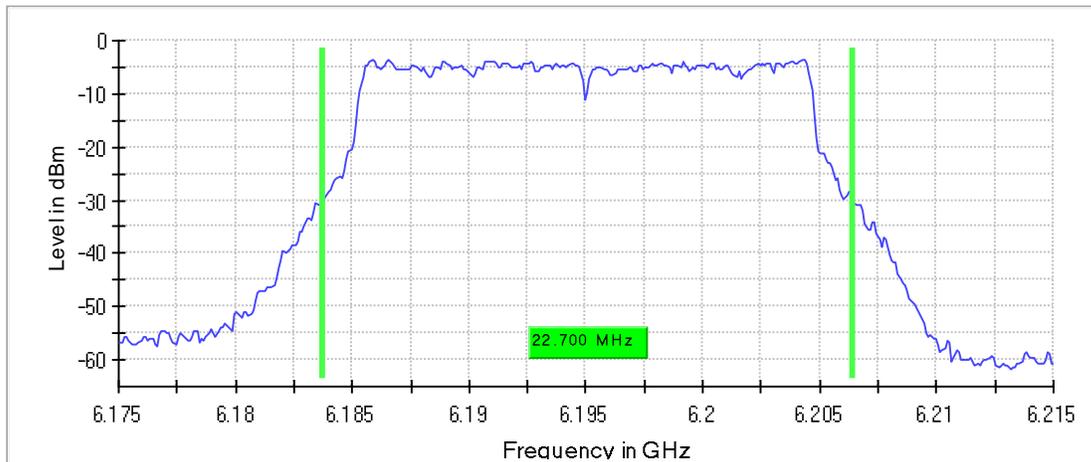
Emission Bandwidth 26 dB (6195 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

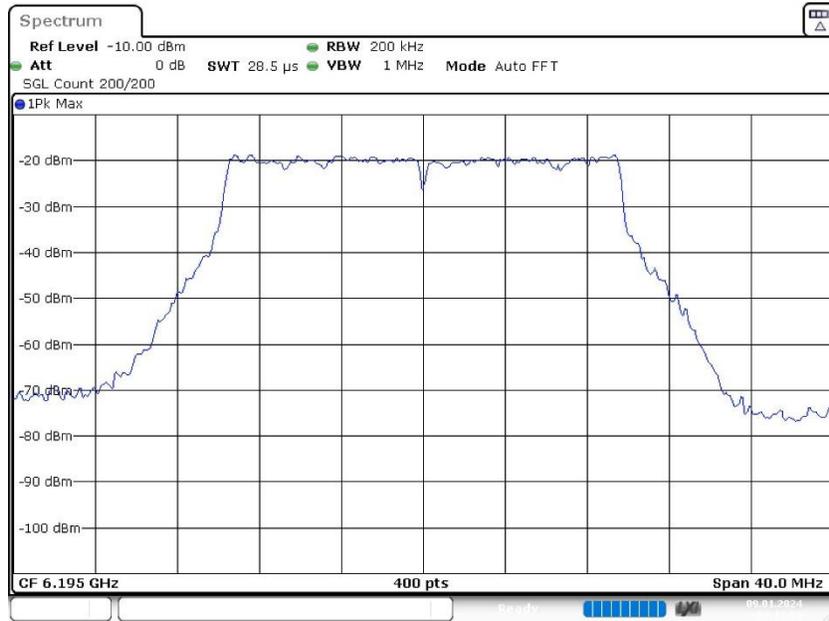
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6195.000000	22.700000	---	320.000000	6183.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6195.000000	6206.450000	---	-3.6	PASS

26 dB Bandwidth



Bandwidth



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

Result

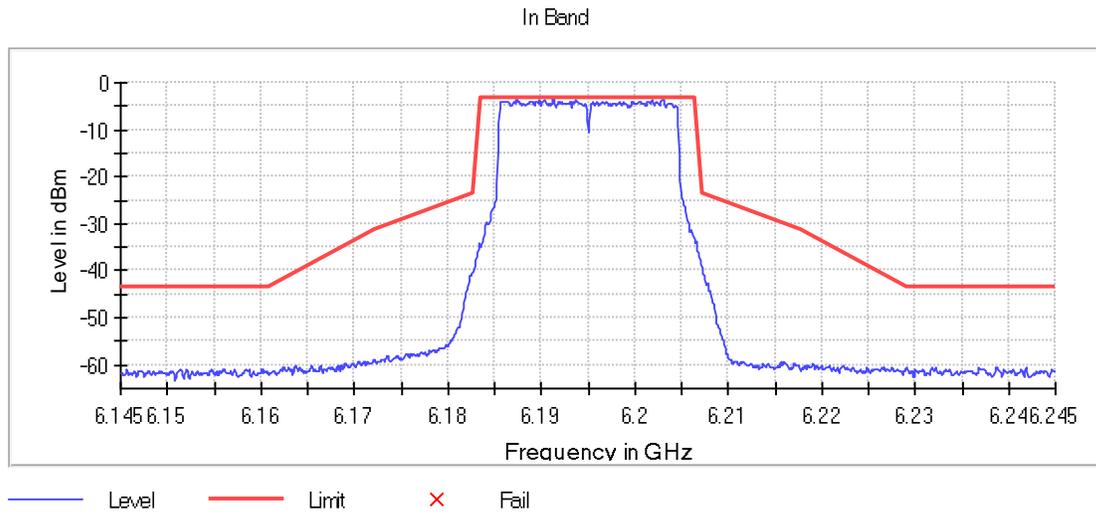
DUT Frequency (MHz)	Result
6195.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6191.250000	-3.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6187.450000	-3.5	0.1	-3.4	PASS
6187.350000	-3.5	0.1	-3.4	PASS
6202.950000	-3.7	0.3	-3.4	PASS
6202.850000	-3.7	0.3	-3.4	PASS
6190.350000	-3.7	0.3	-3.4	PASS
6193.750000	-3.7	0.3	-3.4	PASS
6191.350000	-3.7	0.3	-3.4	PASS
6203.050000	-3.7	0.4	-3.4	PASS
6201.850000	-3.8	0.4	-3.4	PASS
6189.750000	-3.9	0.5	-3.4	PASS
6190.450000	-3.9	0.5	-3.4	PASS
6186.150000	-3.9	0.5	-3.4	PASS
6186.350000	-3.9	0.5	-3.4	PASS
6187.550000	-3.9	0.5	-3.4	PASS
6200.550000	-3.9	0.5	-3.4	PASS

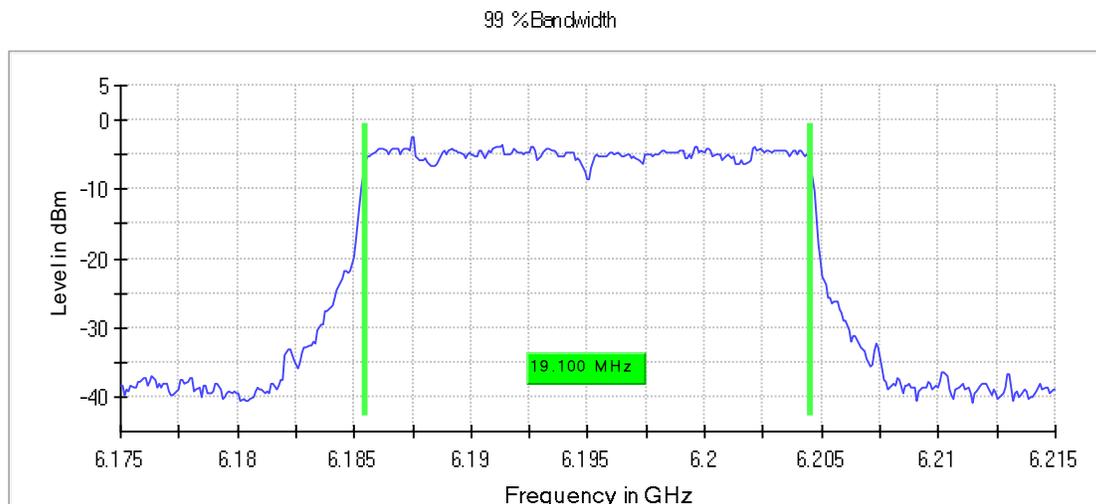


Occupied Channel Bandwidth 99% (6195 MHz; 24.000 dBm; 20 MHz)

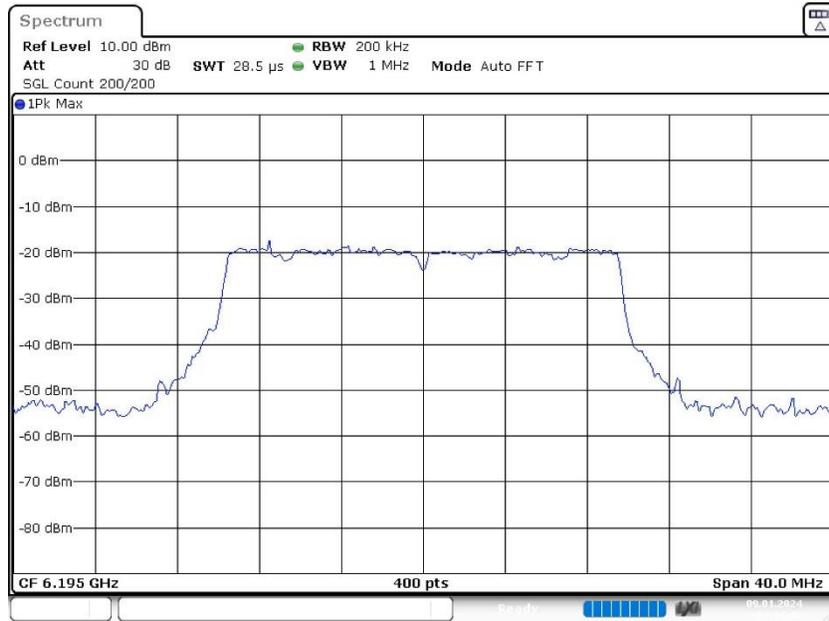
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6195.000000	19.100000	---	320.000000	6185.450000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6195.000000	6204.550000	7125.000000	PASS



Bandwidth



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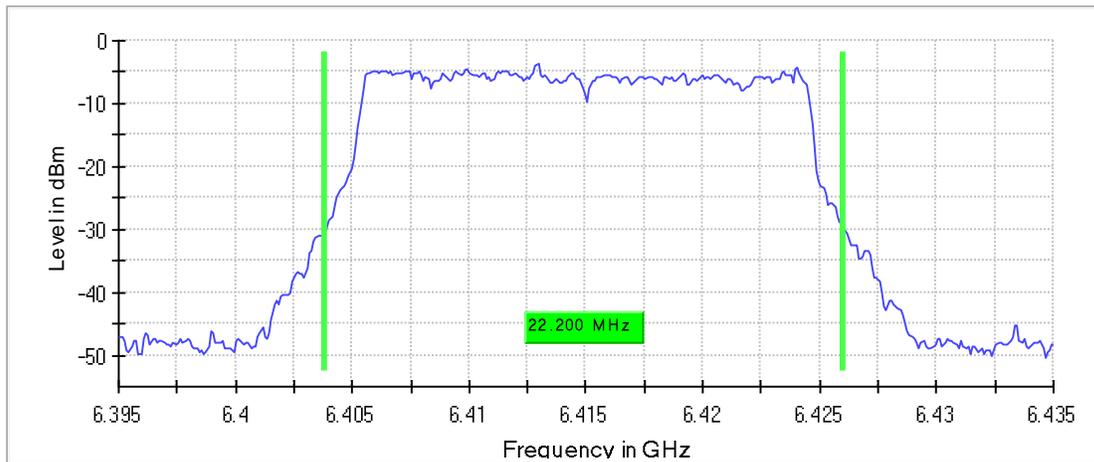
Emission Bandwidth 26 dB (6415 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

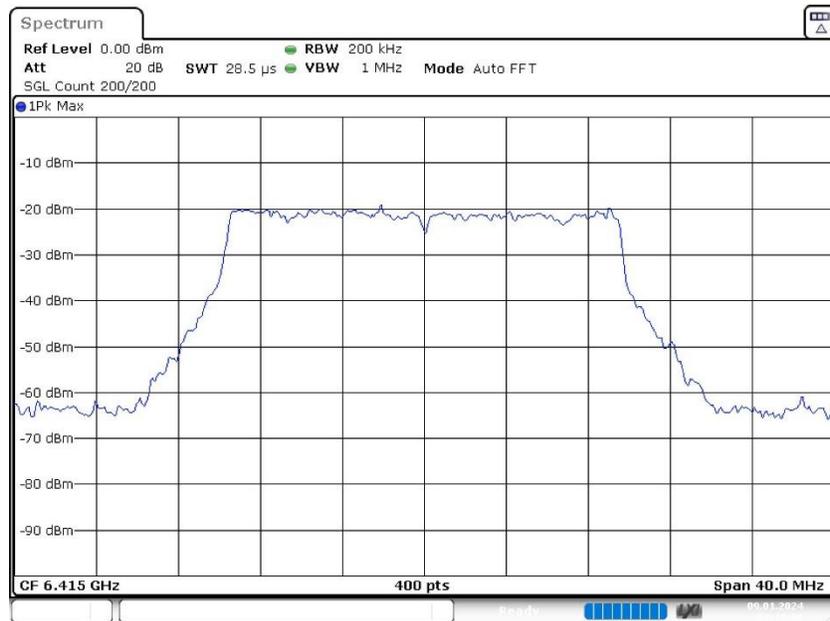
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6415.000000	22.200000	---	320.000000	6403.850000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6415.000000	6426.050000	---	-3.8	PASS

26 dB Bandwidth



Bandwidth



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

Result

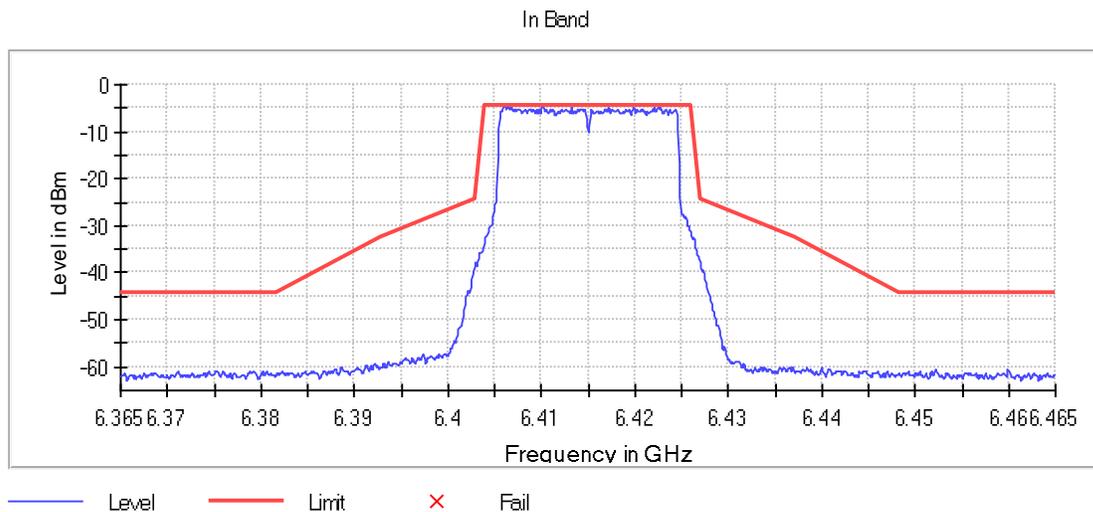
DUT Frequency (MHz)	Result
6415.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6406.050000	-4.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6406.050000	-4.3	0.0	-4.3	PASS
6410.250000	-4.4	0.0	-4.3	PASS
6410.150000	-4.6	0.3	-4.3	PASS
6406.350000	-4.6	0.3	-4.3	PASS
6405.950000	-4.6	0.3	-4.3	PASS
6406.650000	-4.9	0.5	-4.3	PASS
6419.850000	-4.9	0.6	-4.3	PASS
6417.250000	-4.9	0.6	-4.3	PASS
6422.450000	-4.9	0.6	-4.3	PASS
6422.550000	-5.0	0.6	-4.3	PASS
6406.450000	-5.0	0.7	-4.3	PASS
6406.850000	-5.0	0.7	-4.3	PASS
6422.050000	-5.0	0.7	-4.3	PASS
6422.750000	-5.0	0.7	-4.3	PASS
6413.250000	-5.0	0.7	-4.3	PASS

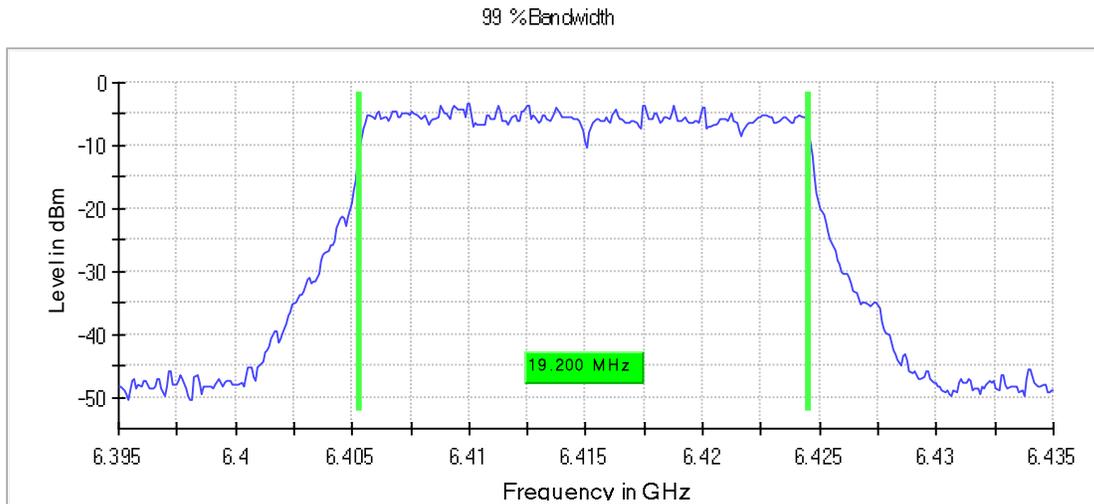


Occupied Channel Bandwidth 99% (6415 MHz; 24.000 dBm; 20 MHz)

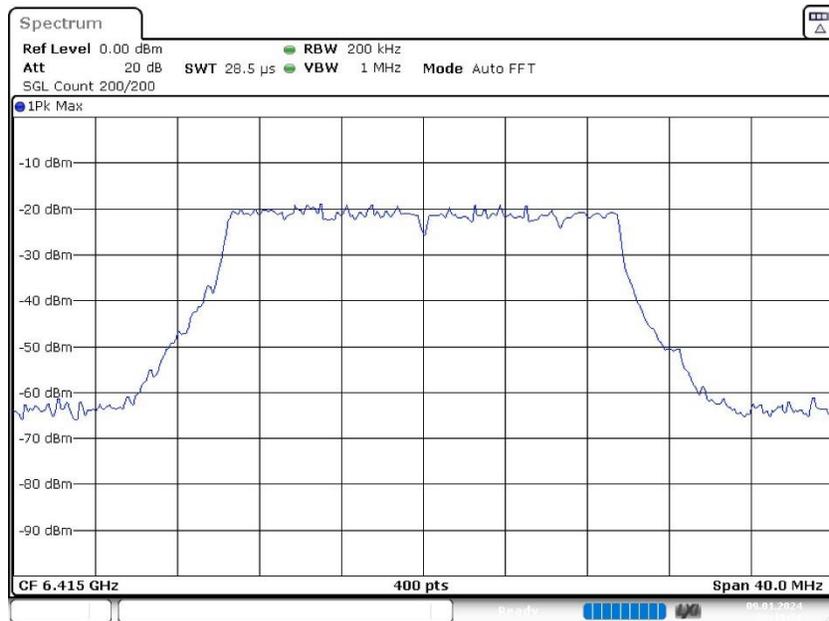
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6415.000000	19.200000	---	320.000000	6405.350000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6415.000000	6424.550000	7125.000000	PASS



Bandwidth



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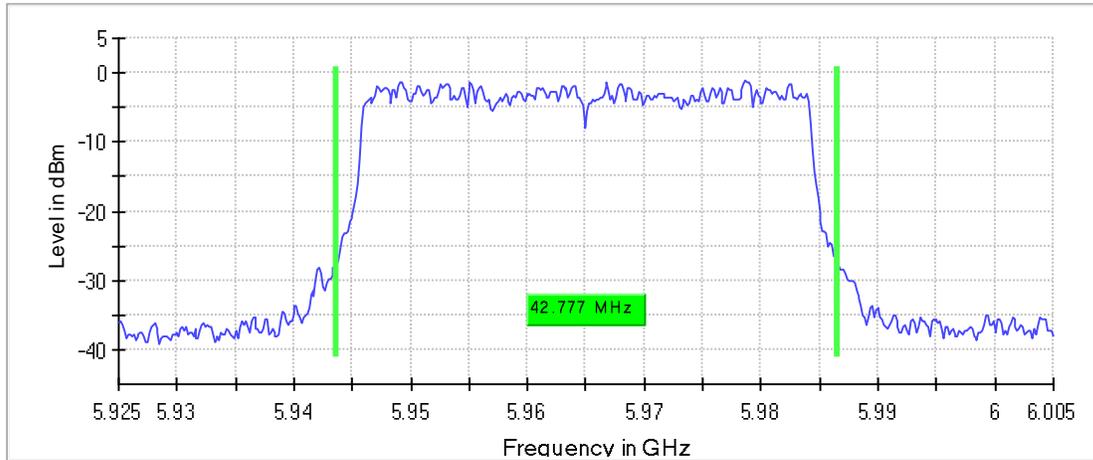
Emission Bandwidth 26 dB (5965 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

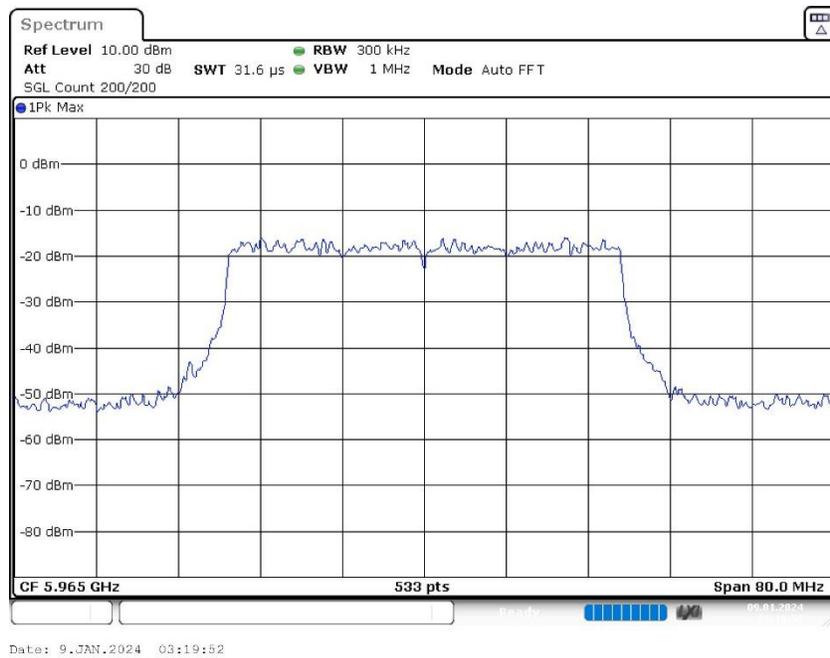
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5965.000000	42.776736	---	320.000000	5943.686679	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
5965.000000	5986.463415	---	-1.1	PASS

26 dB Bandwidth



Bandwidth



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

Result

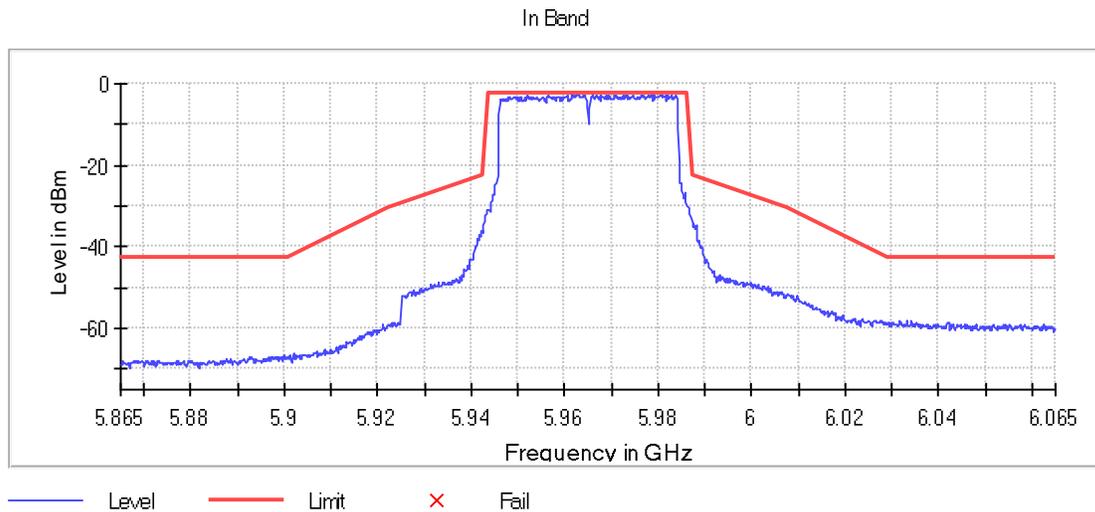
DUT Frequency (MHz)	Result
5965.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
5966.050263	-2.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5961.699175	-2.5	0.1	-2.5	PASS
5978.653413	-2.5	0.1	-2.5	PASS
5962.899475	-2.6	0.1	-2.5	PASS
5980.603901	-2.6	0.1	-2.5	PASS
5965.900225	-2.6	0.2	-2.5	PASS
5963.049512	-2.7	0.2	-2.5	PASS
5971.001500	-2.7	0.2	-2.5	PASS
5962.749437	-2.7	0.3	-2.5	PASS
5960.498875	-2.8	0.3	-2.5	PASS
5962.449362	-2.8	0.3	-2.5	PASS
5981.504126	-2.8	0.3	-2.5	PASS
5980.753938	-2.8	0.3	-2.5	PASS
5972.501875	-2.8	0.3	-2.5	PASS
5979.253563	-2.8	0.4	-2.5	PASS
5982.854464	-2.8	0.4	-2.5	PASS



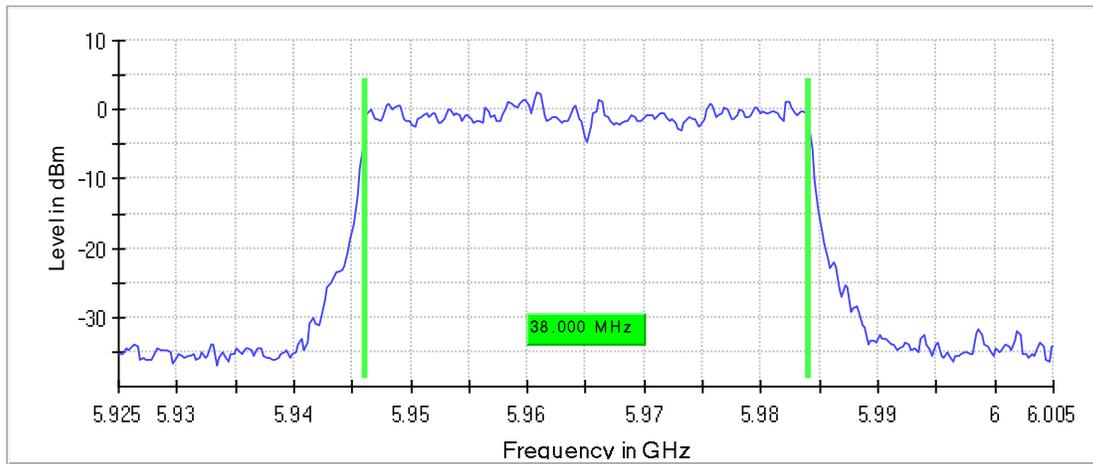
Occupied Channel Bandwidth 99% (5965 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

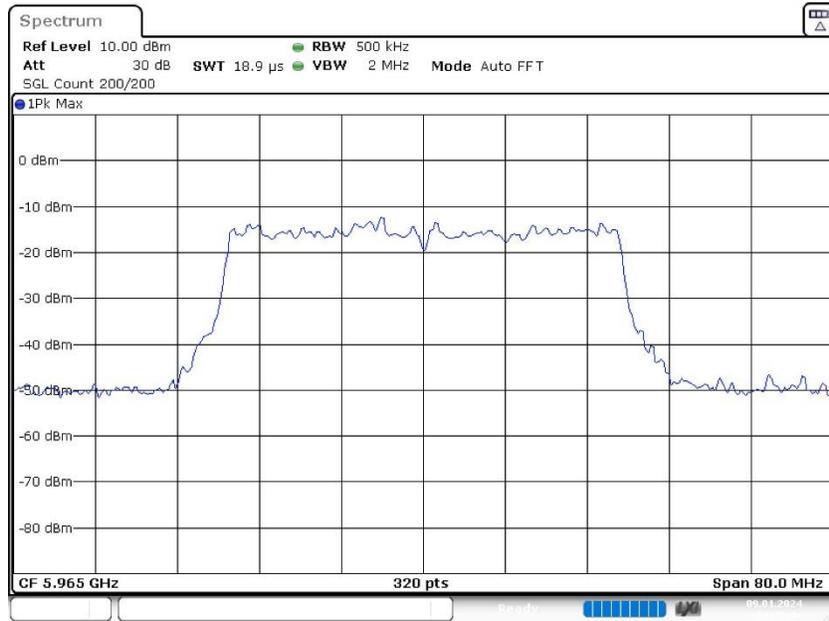
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5965.000000	38.000000	---	320.000000	5946.125000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5965.000000	5984.125000	7125.000000	PASS

99 %Bandwidth



Bandwidth



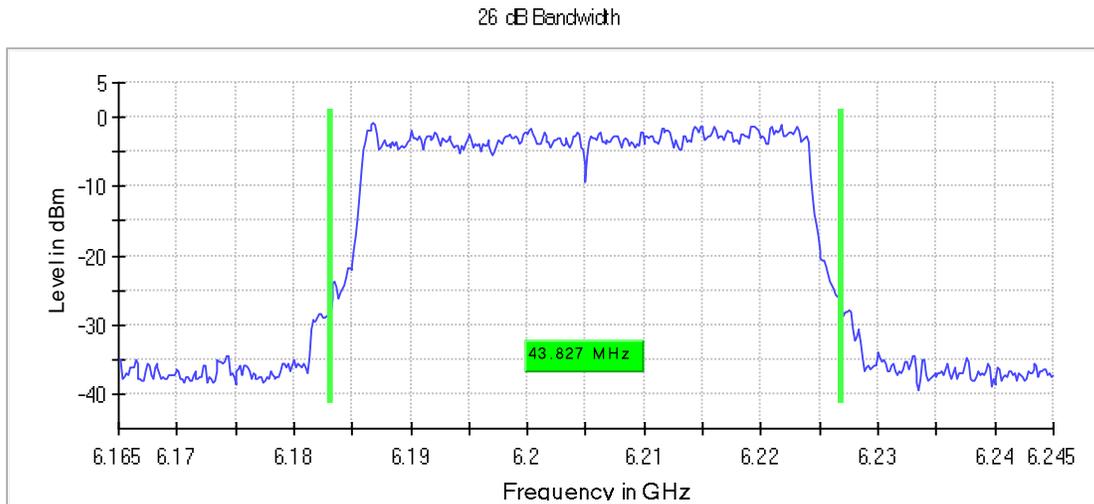
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Emission Bandwidth 26 dB (6205 MHz; 24.000 dBm; 40 MHz)

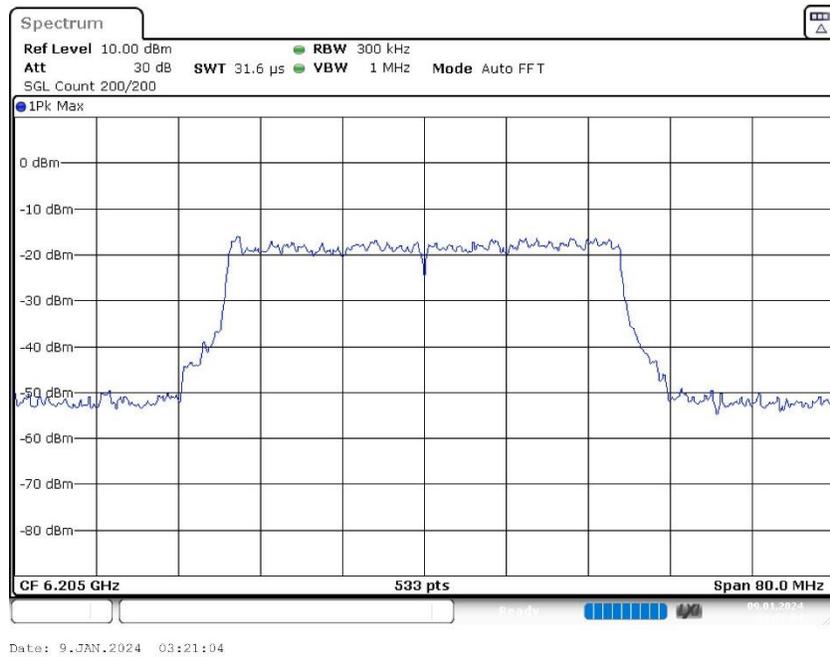
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6205.000000	43.827392	---	320.000000	6183.086304	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6205.000000	6226.913696	---	-0.8	PASS



Bandwidth



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

Result

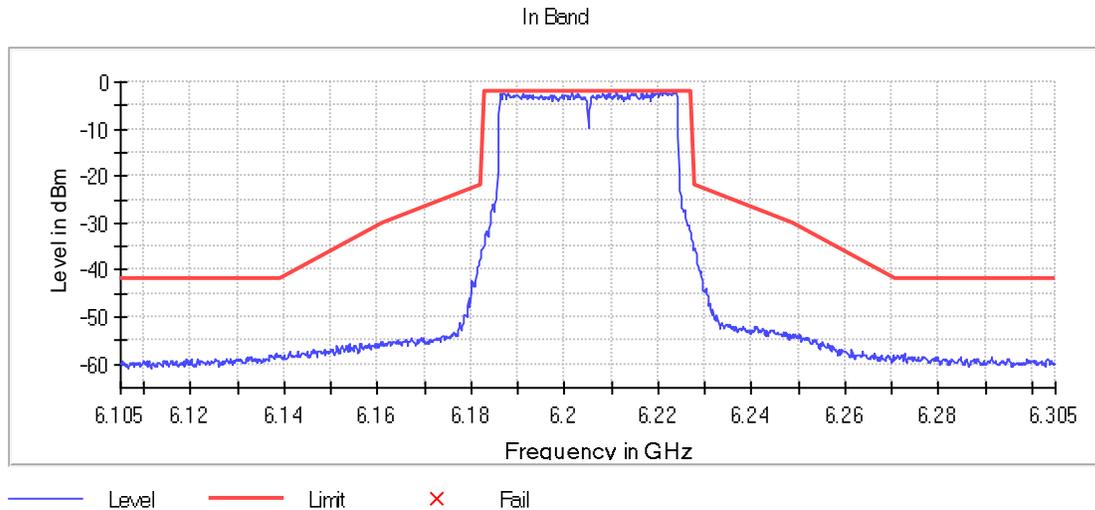
DUT Frequency (MHz)	Result
6205.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6223.754689	-1.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6223.304576	-1.9	0.0	-1.9	PASS
6220.753938	-2.0	0.1	-1.9	PASS
6220.453863	-2.0	0.1	-1.9	PASS
6221.204051	-2.0	0.1	-1.9	PASS
6218.653413	-2.1	0.2	-1.9	PASS
6223.904726	-2.1	0.2	-1.9	PASS
6221.654164	-2.1	0.2	-1.9	PASS
6220.603901	-2.1	0.3	-1.9	PASS
6223.604651	-2.2	0.3	-1.9	PASS
6201.699175	-2.2	0.4	-1.9	PASS
6211.151538	-2.2	0.4	-1.9	PASS
6222.254314	-2.3	0.4	-1.9	PASS
6223.154539	-2.3	0.4	-1.9	PASS
6214.302326	-2.3	0.4	-1.9	PASS
6209.651163	-2.3	0.4	-1.9	PASS

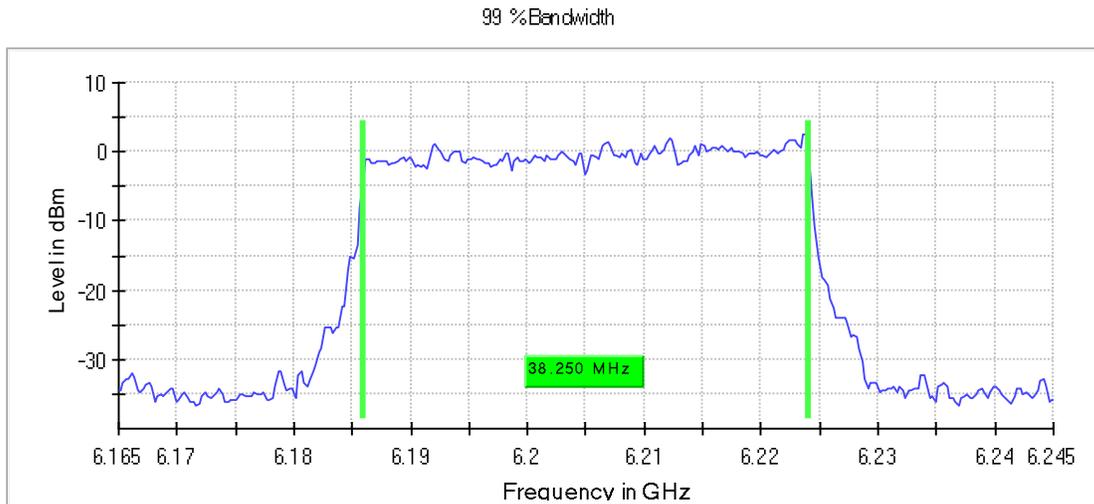


Occupied Channel Bandwidth 99% (6205 MHz; 24.000 dBm; 40 MHz)

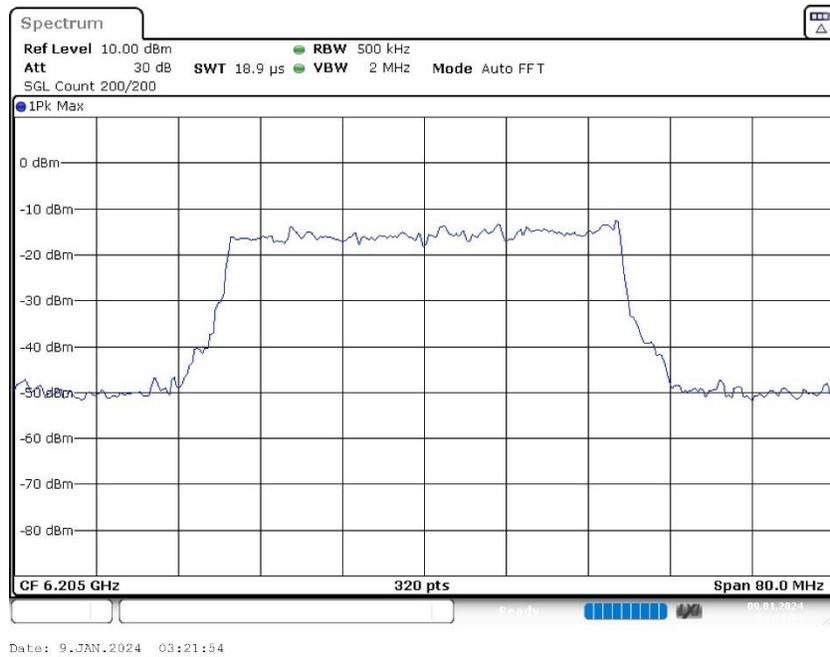
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6205.000000	38.250000	---	320.000000	6185.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6205.000000	6224.125000	7125.000000	PASS



Bandwidth



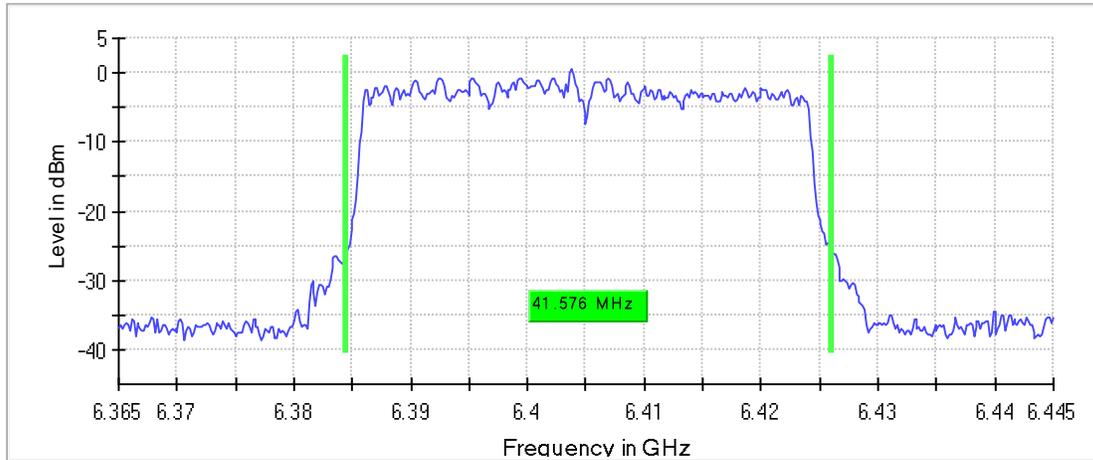
Emission Bandwidth 26 dB (6405 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

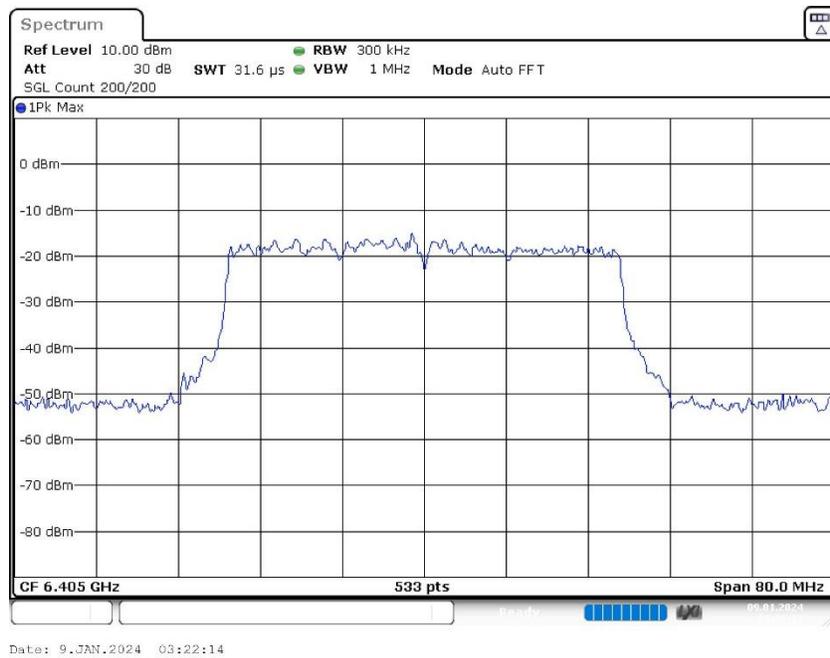
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6405.000000	41.575985	---	320.000000	6384.437148	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6405.000000	6426.013133	---	0.5	PASS

26 dB Bandwidth



Bandwidth



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

Result

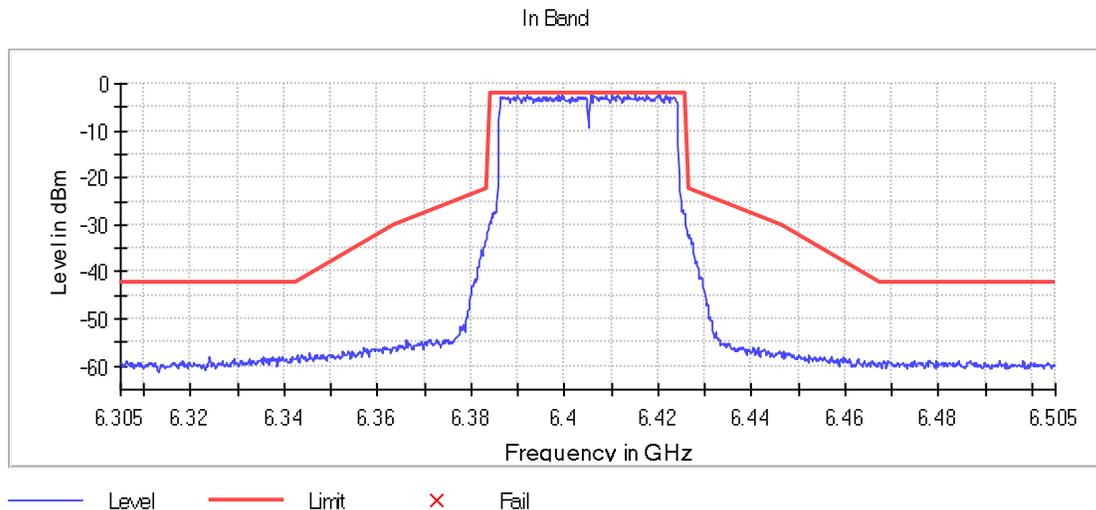
DUT Frequency (MHz)	Result
6405.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6415.052513	-2.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6413.552138	-2.4	0.2	-2.2	PASS
6398.698425	-2.4	0.2	-2.2	PASS
6405.600150	-2.5	0.3	-2.2	PASS
6408.750938	-2.5	0.3	-2.2	PASS
6420.153788	-2.5	0.3	-2.2	PASS
6408.900975	-2.5	0.3	-2.2	PASS
6419.853713	-2.5	0.4	-2.2	PASS
6389.996249	-2.6	0.4	-2.2	PASS
6420.303826	-2.6	0.4	-2.2	PASS
6389.846212	-2.6	0.4	-2.2	PASS
6421.504126	-2.6	0.4	-2.2	PASS
6391.946737	-2.6	0.4	-2.2	PASS
6406.200300	-2.6	0.4	-2.2	PASS
6411.301575	-2.6	0.4	-2.2	PASS
6417.453113	-2.6	0.4	-2.2	PASS



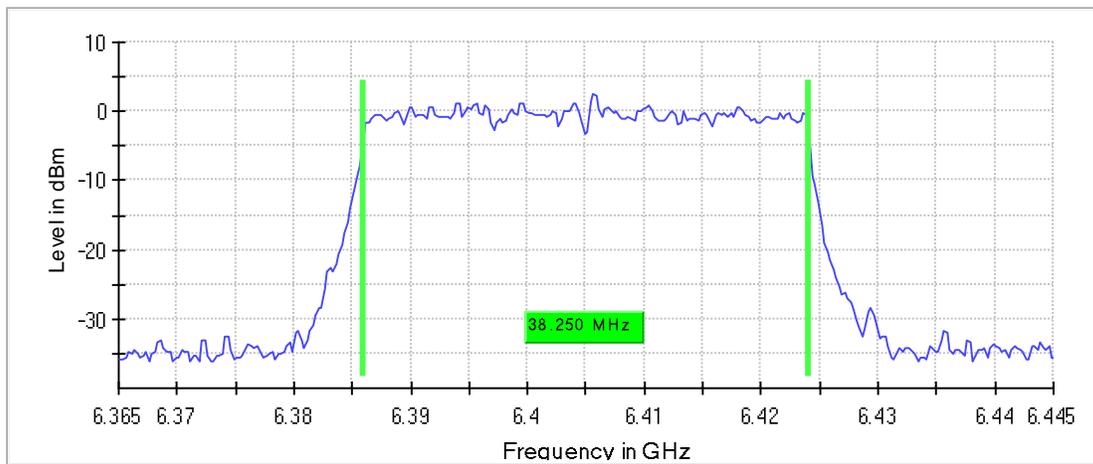
Occupied Channel Bandwidth 99% (6405 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

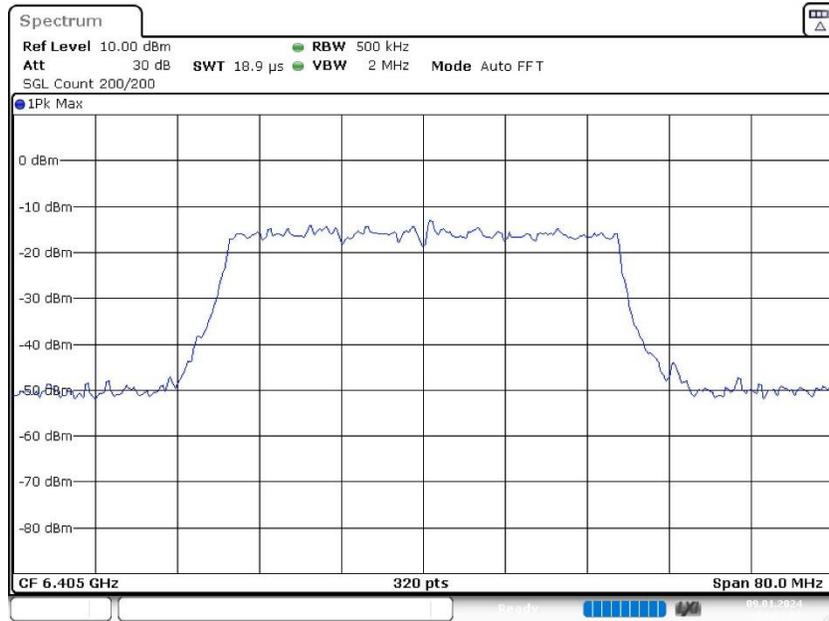
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6405.000000	38.250000	---	320.000000	6385.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6405.000000	6424.125000	7125.000000	PASS

99 %Bandwidth



Bandwidth



Date: 9 JAN 2024 03:23:06

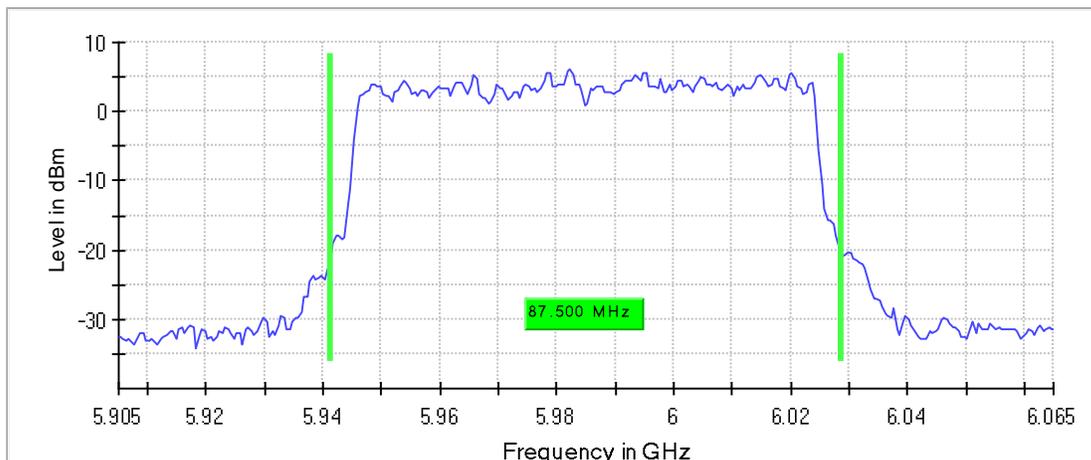
Emission Bandwidth 26 dB (5985 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

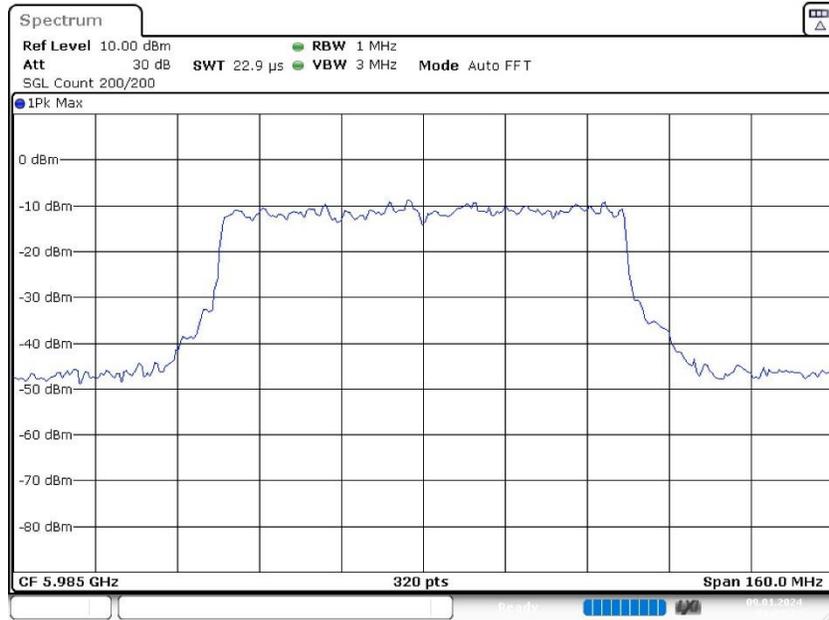
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5985.000000	87.500000	---	320.000000	5941.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
5985.000000	6028.750000	---	6.3	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

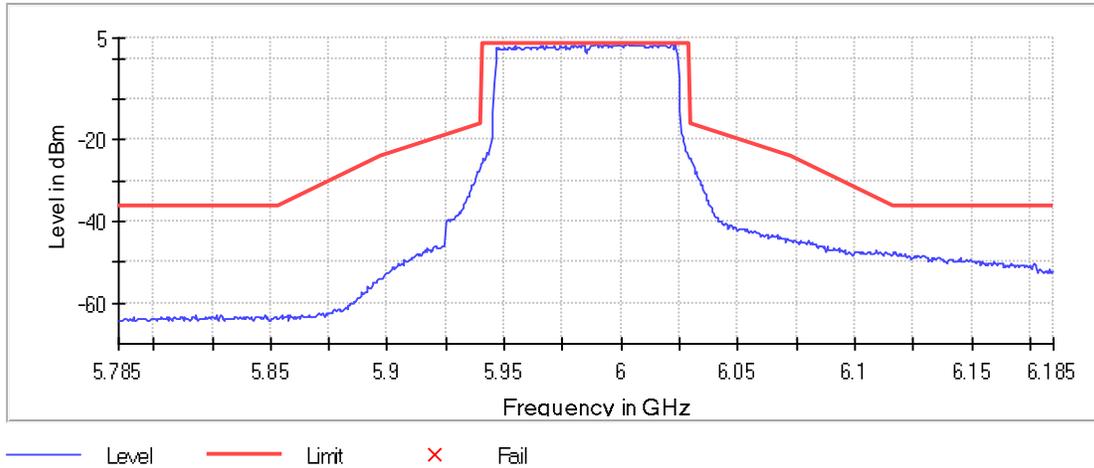
Frequency (MHz)	Level (dBm)
6001.750000	3.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6001.750000	3.8	0.0	3.8	PASS
5994.250000	3.7	0.1	3.8	PASS
6021.750000	3.6	0.1	3.8	PASS
5989.750000	3.5	0.3	3.8	PASS
6002.750000	3.5	0.3	3.8	PASS
6004.750000	3.5	0.3	3.8	PASS
6023.250000	3.4	0.3	3.8	PASS
5993.250000	3.4	0.3	3.8	PASS
5998.750000	3.4	0.3	3.8	PASS
5989.250000	3.4	0.4	3.8	PASS
6004.250000	3.3	0.4	3.8	PASS
6003.750000	3.3	0.4	3.8	PASS
6005.750000	3.3	0.4	3.8	PASS
6009.750000	3.3	0.4	3.8	PASS

5978.750000	3.3	0.5	3.8	PASS
-------------	-----	-----	-----	------

In Band



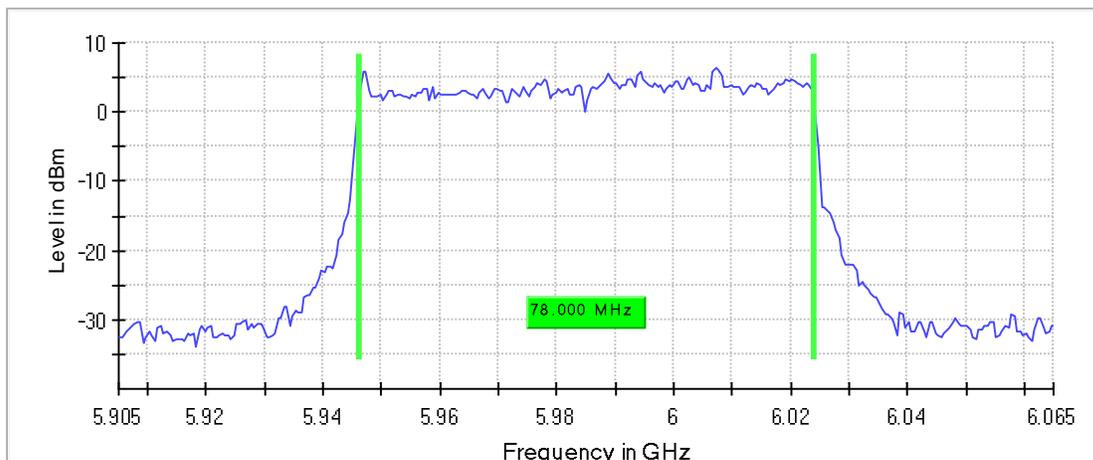
Occupied Channel Bandwidth 99% (5985 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

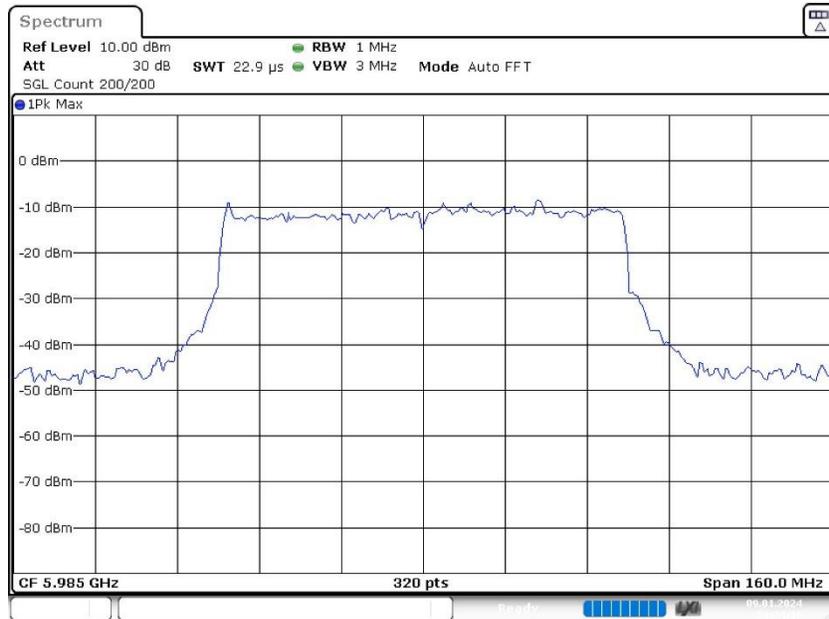
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5985.000000	78.000000	---	320.000000	5946.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5985.000000	6024.250000	7125.000000	PASS

99 %Bandwidth



Bandwidth



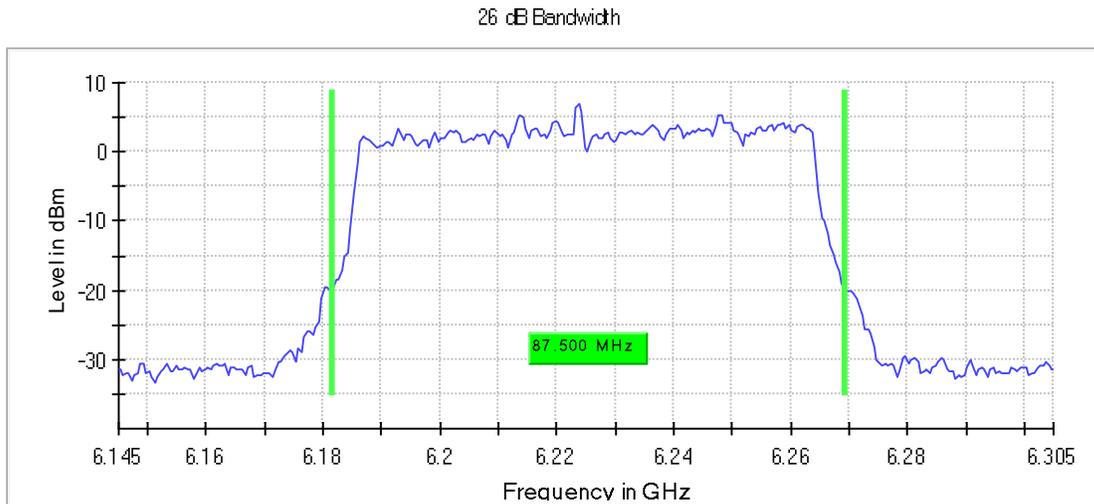
Date: 9.JAN.2024 03:24:18

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

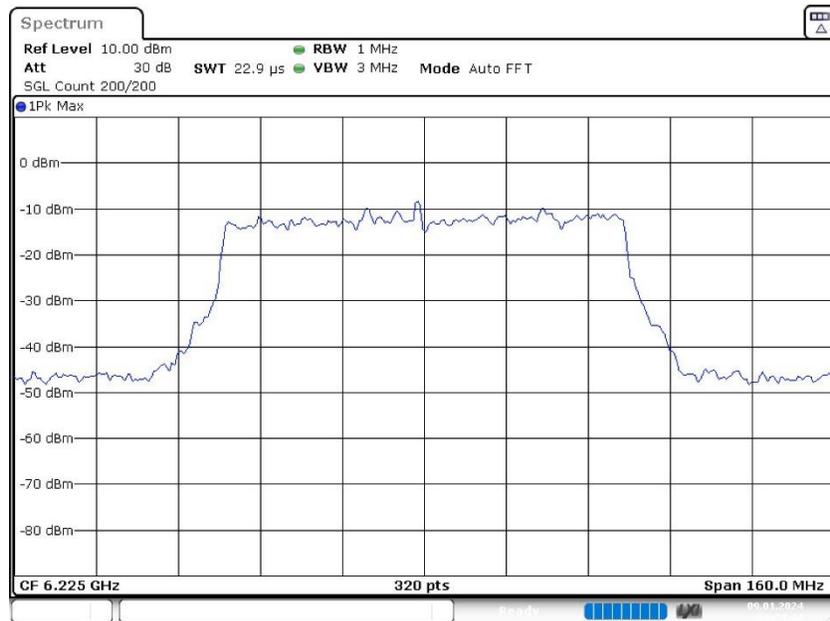
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6225.000000	87.500000	---	320.000000	6181.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6225.000000	6269.250000	---	6.9	PASS



Bandwidth



Date: 9. JAN. 2024 03:24:44

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

Result

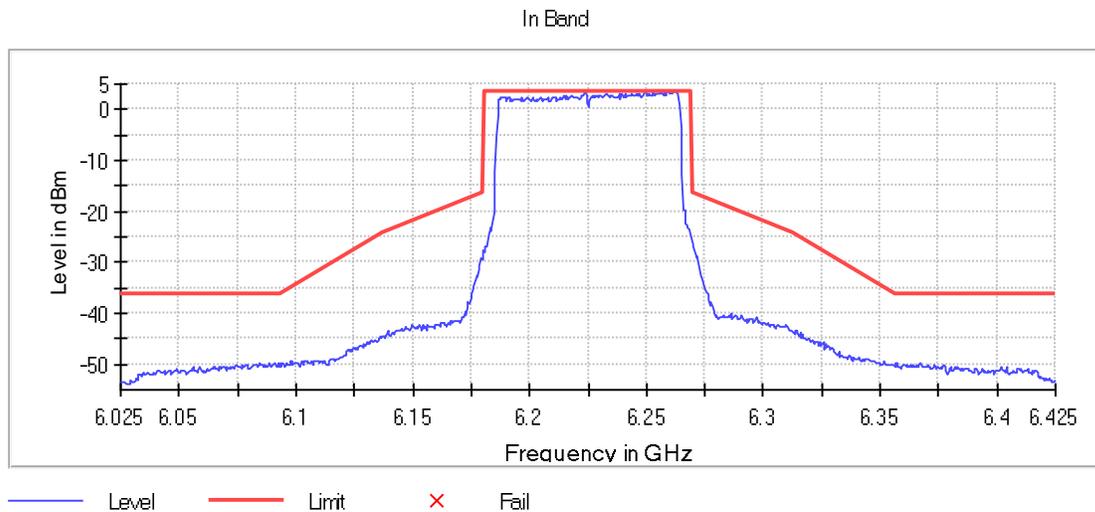
DUT Frequency (MHz)	Result
6225.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6257.750000	3.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6258.750000	3.5	0.2	3.7	PASS
6261.750000	3.5	0.2	3.7	PASS
6259.250000	3.5	0.2	3.7	PASS
6260.250000	3.4	0.2	3.7	PASS
6223.750000	3.4	0.3	3.7	PASS
6249.250000	3.4	0.3	3.7	PASS
6262.250000	3.3	0.3	3.7	PASS
6252.750000	3.3	0.3	3.7	PASS
6262.750000	3.3	0.3	3.7	PASS
6256.250000	3.3	0.3	3.7	PASS
6260.750000	3.3	0.4	3.7	PASS
6255.750000	3.2	0.4	3.7	PASS
6255.250000	3.2	0.4	3.7	PASS
6249.750000	3.2	0.4	3.7	PASS
6251.250000	3.2	0.5	3.7	PASS

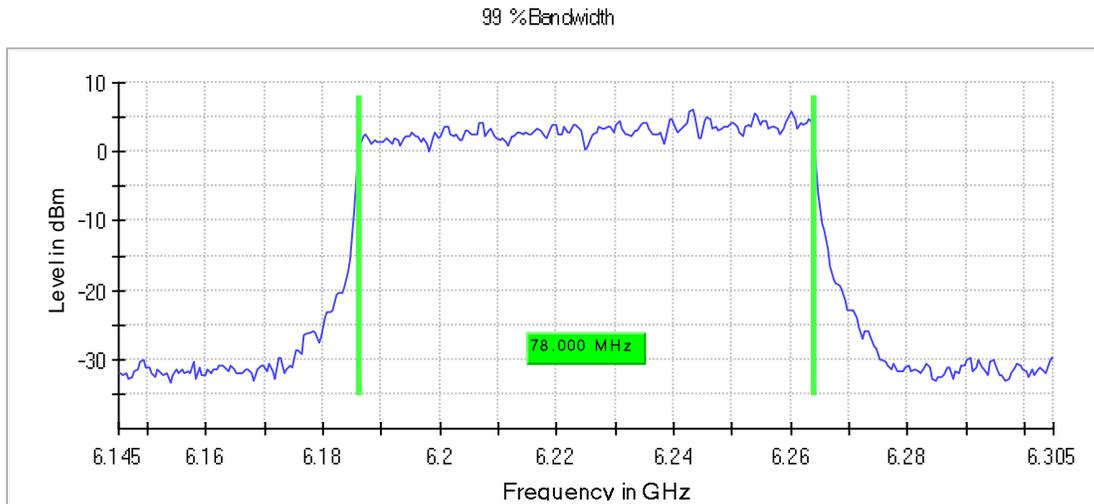


Occupied Channel Bandwidth 99% (6225 MHz; 24.000 dBm; 80 MHz)

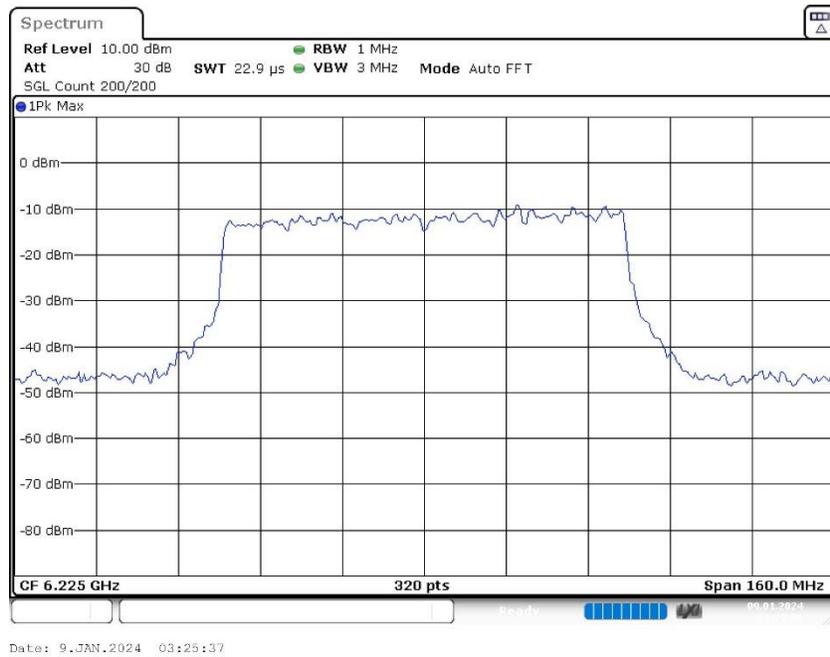
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6225.000000	78.000000	---	320.000000	6186.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6225.000000	6264.250000	7125.000000	PASS



Bandwidth



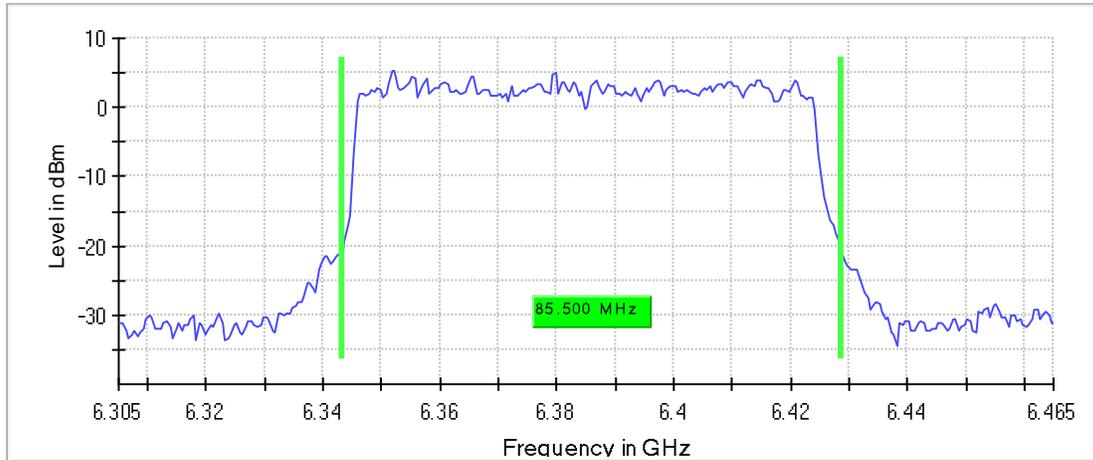
Emission Bandwidth 26 dB (6385 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

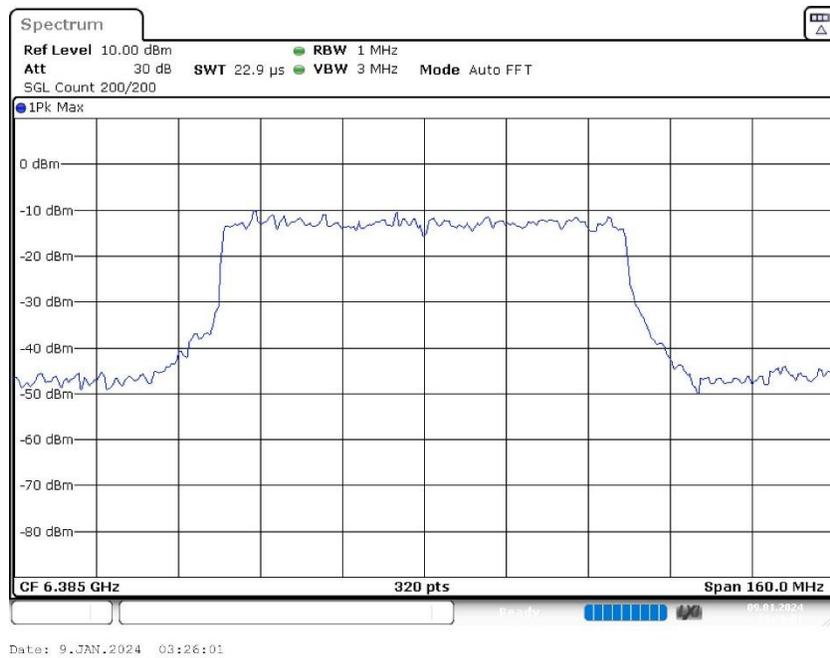
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6385.000000	85.500000	---	320.000000	6343.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6385.000000	6428.750000	---	5.3	PASS

26 dB Bandwidth



Bandwidth



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

Result

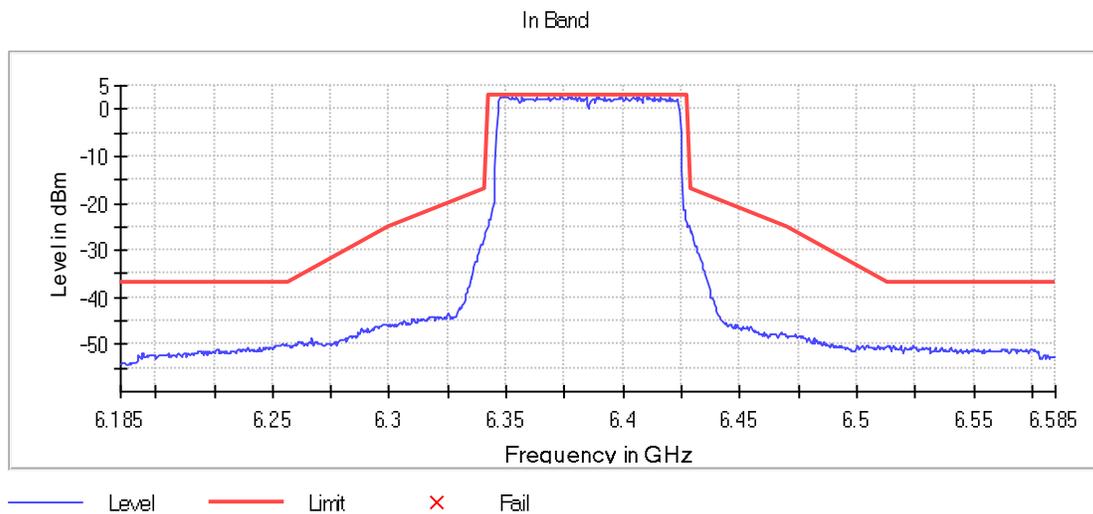
DUT Frequency (MHz)	Result
6385.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6409.250000	3.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6409.750000	2.9	0.2	3.1	PASS
6349.250000	2.8	0.3	3.1	PASS
6373.250000	2.8	0.3	3.1	PASS
6350.750000	2.7	0.4	3.1	PASS
6373.750000	2.7	0.5	3.1	PASS
6354.250000	2.7	0.5	3.1	PASS
6348.750000	2.6	0.5	3.1	PASS
6377.250000	2.6	0.5	3.1	PASS
6368.250000	2.6	0.5	3.1	PASS
6398.250000	2.6	0.5	3.1	PASS
6348.250000	2.6	0.5	3.1	PASS
6374.250000	2.6	0.5	3.1	PASS
6399.750000	2.6	0.5	3.1	PASS
6399.250000	2.6	0.5	3.1	PASS
6347.250000	2.6	0.5	3.1	PASS



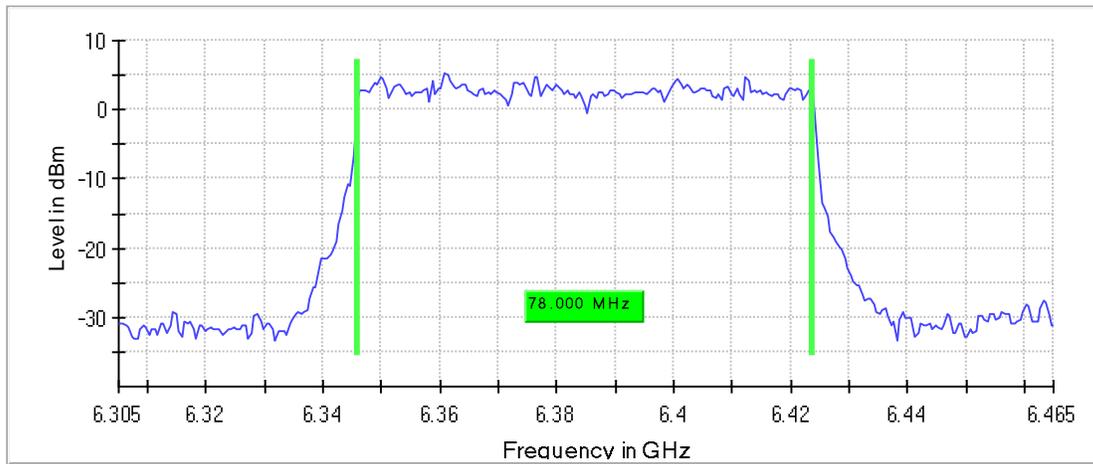
Occupied Channel Bandwidth 99% (6385 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

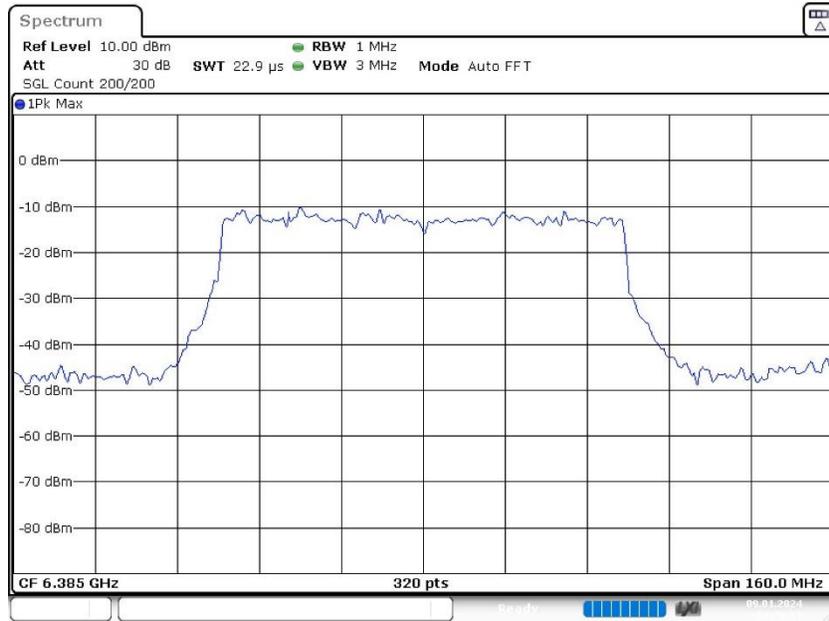
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6385.000000	78.000000	---	320.000000	6345.750000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6385.000000	6423.750000	7125.000000	PASS

99 %Bandwidth



Bandwidth



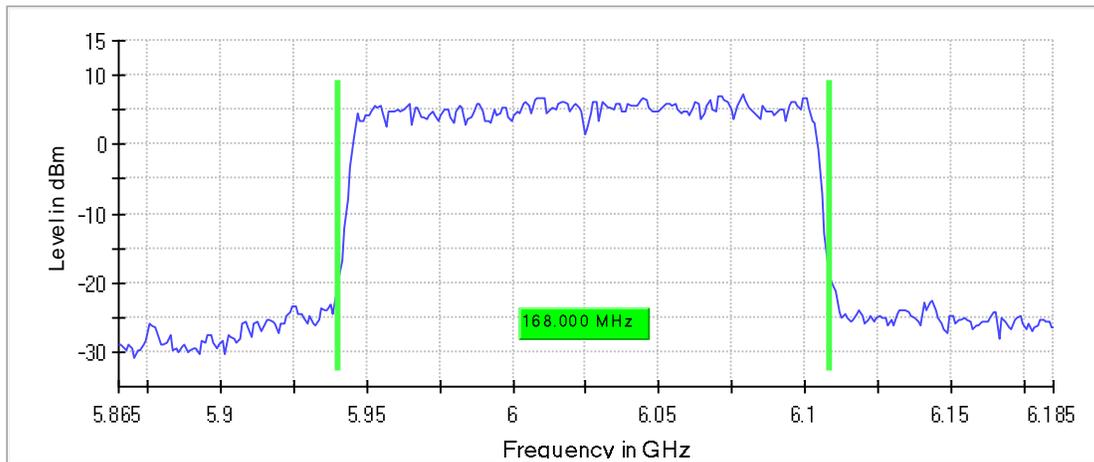
Emission Bandwidth 26 dB (6025 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

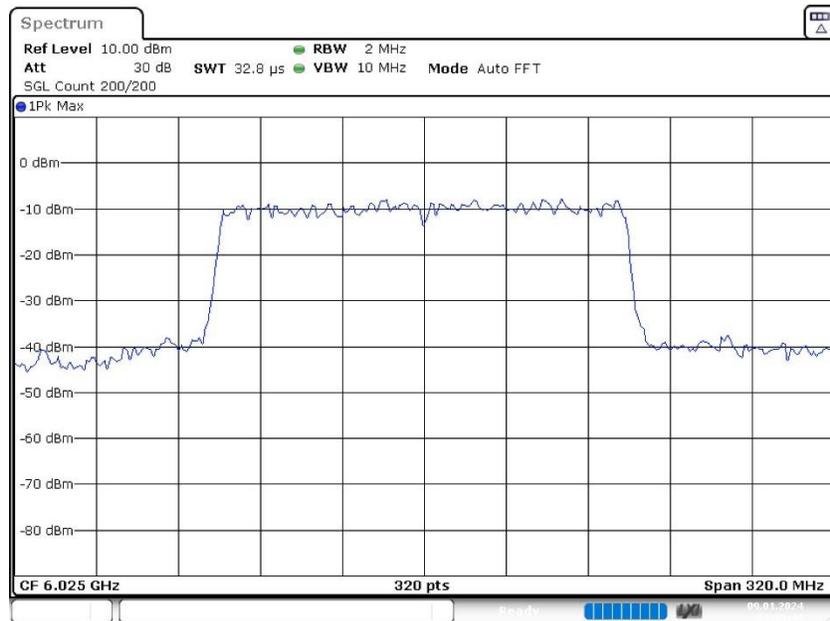
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6025.000000	168.000000	---	320.000000	5940.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6025.000000	6108.500000	---	7.3	PASS

26 dB Bandwidth



Bandwidth



Date: 9 JAN 2024 03:39:44

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

Result

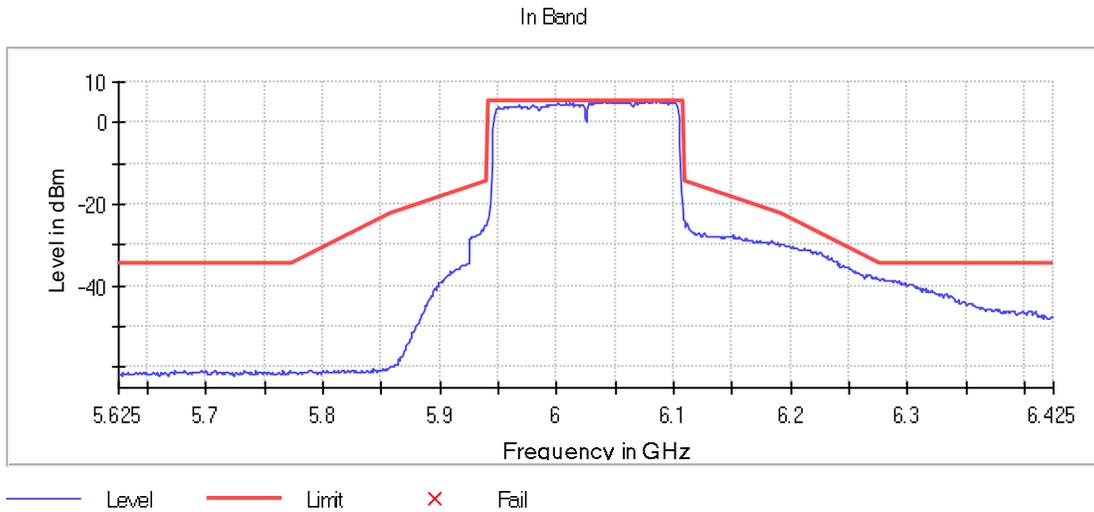
DUT Frequency (MHz)	Result
6025.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6086.500000	5.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6086.500000	5.5	0.0	5.5	PASS
6044.500000	5.4	0.1	5.5	PASS
6087.500000	5.4	0.1	5.5	PASS
6040.500000	5.4	0.1	5.5	PASS
6083.500000	5.3	0.2	5.5	PASS
6076.500000	5.2	0.3	5.5	PASS
6067.500000	5.2	0.3	5.5	PASS
6089.500000	5.2	0.3	5.5	PASS
6085.500000	5.1	0.4	5.5	PASS
6080.500000	5.1	0.4	5.5	PASS
6082.500000	5.1	0.4	5.5	PASS
6077.500000	5.1	0.4	5.5	PASS
6062.500000	5.1	0.4	5.5	PASS
6094.500000	5.1	0.4	5.5	PASS
6060.500000	5.1	0.4	5.5	PASS

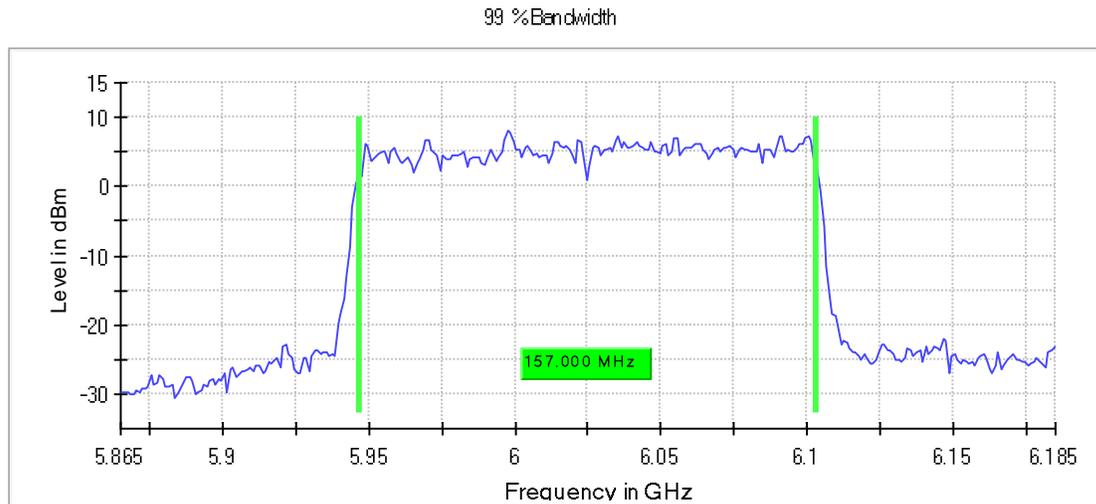


Occupied Channel Bandwidth 99% (6025 MHz; 24.000 dBm; 160 MHz)

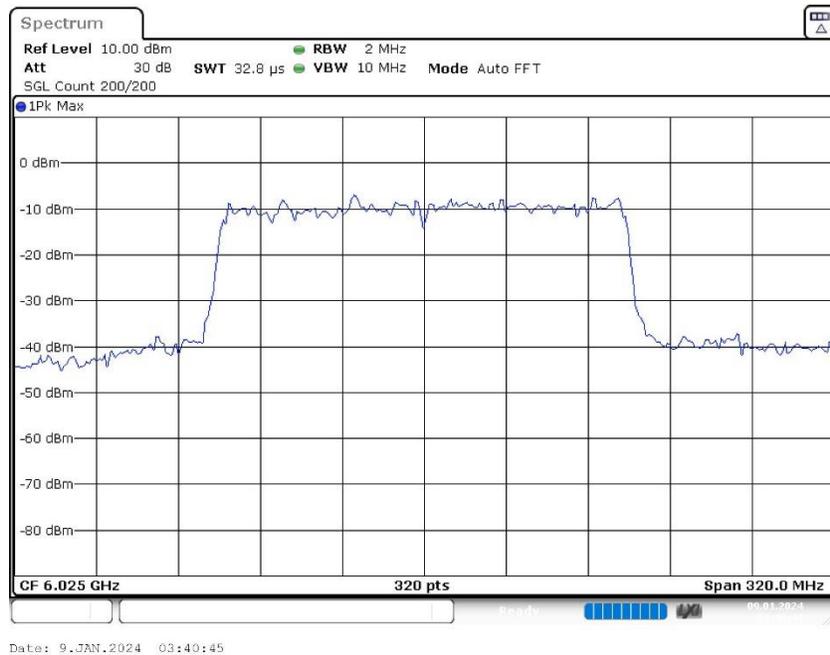
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6025.000000	157.000000	---	320.000000	5946.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6025.000000	6103.500000	7125.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

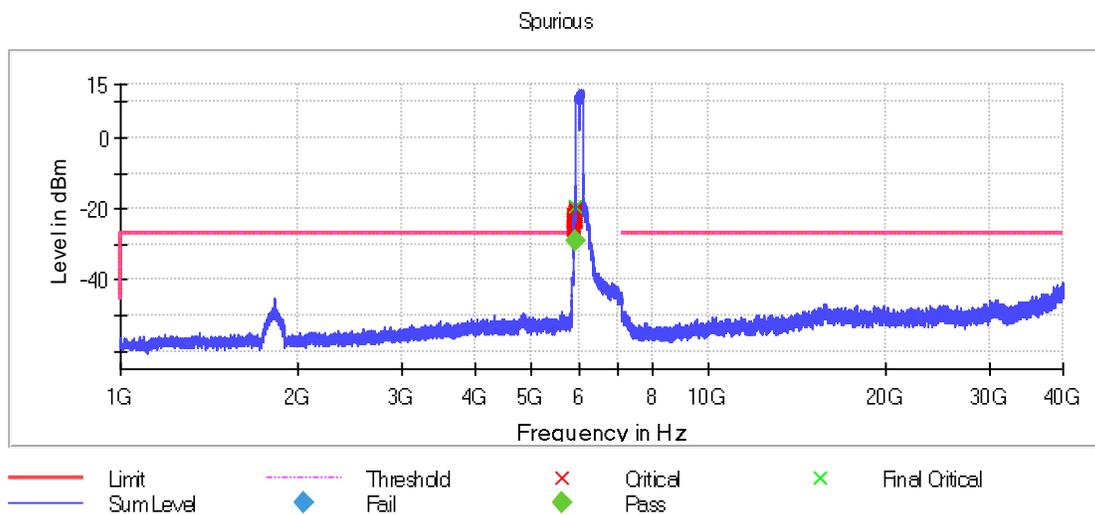
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
5923.750000	-19.2	-28.9	-27.0	1.9	PASS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5923.750000	-19.2	-7.8	-27.0
5909.750000	-20.0	-7.0	-27.0
5924.250000	-20.4	-6.6	-27.0
5917.250000	-20.8	-6.2	-27.0
5921.750000	-20.8	-6.2	-27.0
5915.750000	-20.9	-6.1	-27.0
5914.750000	-21.0	-6.0	-27.0
5916.750000	-21.1	-5.9	-27.0
5914.250000	-21.1	-5.9	-27.0
5921.250000	-21.1	-5.9	-27.0
5924.750000	-21.3	-5.7	-27.0
5901.750000	-21.4	-5.6	-27.0
5915.250000	-21.5	-5.5	-27.0
5922.250000	-21.5	-5.5	-27.0
5923.250000	-21.6	-5.4	-27.0

Measurement Settings

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



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

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

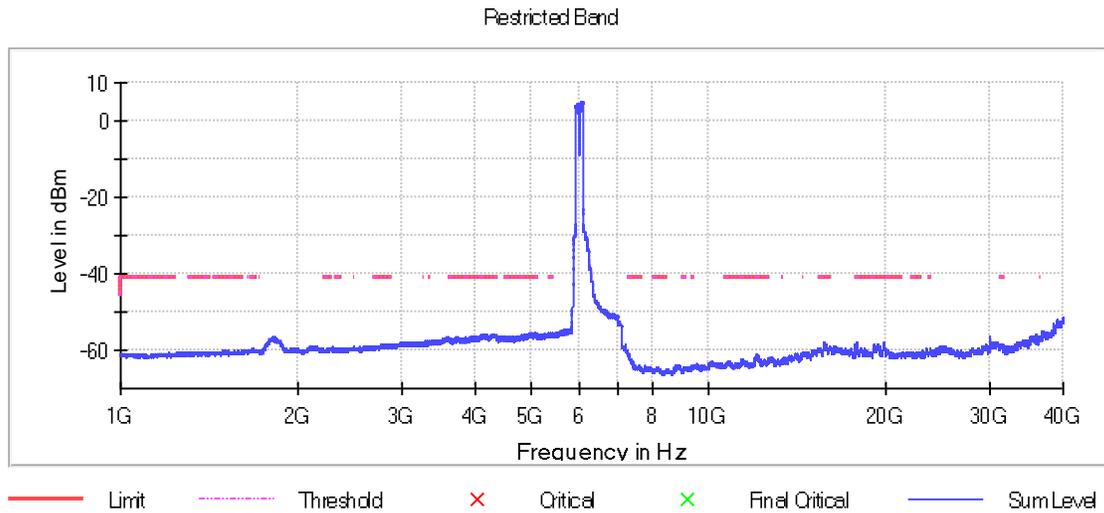
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5384.250000	-55.5	14.3	-41.2
4949.250000	-55.5	14.3	-41.2
5355.250000	-55.6	14.4	-41.2
5071.250000	-55.6	14.4	-41.2
5009.750000	-55.6	14.4	-41.2
5376.750000	-55.6	14.4	-41.2
5044.250000	-55.6	14.4	-41.2
5352.250000	-55.6	14.4	-41.2
5434.250000	-55.6	14.4	-41.2
5390.250000	-55.6	14.4	-41.2
4960.750000	-55.6	14.4	-41.2
5043.750000	-55.6	14.4	-41.2
5087.750000	-55.7	14.5	-41.2
5081.250000	-55.7	14.5	-41.2
5404.250000	-55.7	14.5	-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) (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
---	---	---	---	---	---

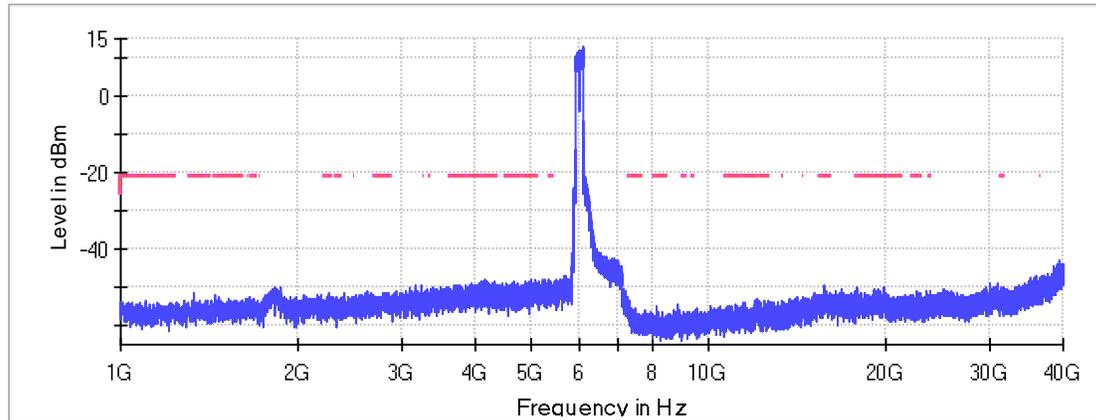
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4153.750000	-47.9	26.7	-21.2
5081.750000	-48.0	26.8	-21.2
4153.250000	-48.1	26.9	-21.2
36456.391988	-48.2	27.0	-21.2
5000.750000	-48.2	27.0	-21.2
5001.250000	-48.2	27.0	-21.2
4951.750000	-48.3	27.1	-21.2
4657.250000	-48.3	27.1	-21.2
4657.750000	-48.3	27.1	-21.2
4312.750000	-48.3	27.1	-21.2
4204.750000	-48.4	27.2	-21.2
4141.750000	-48.4	27.2	-21.2
4976.250000	-48.4	27.2	-21.2
4086.250000	-48.5	27.3	-21.2
36430.955283	-48.5	27.3	-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



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

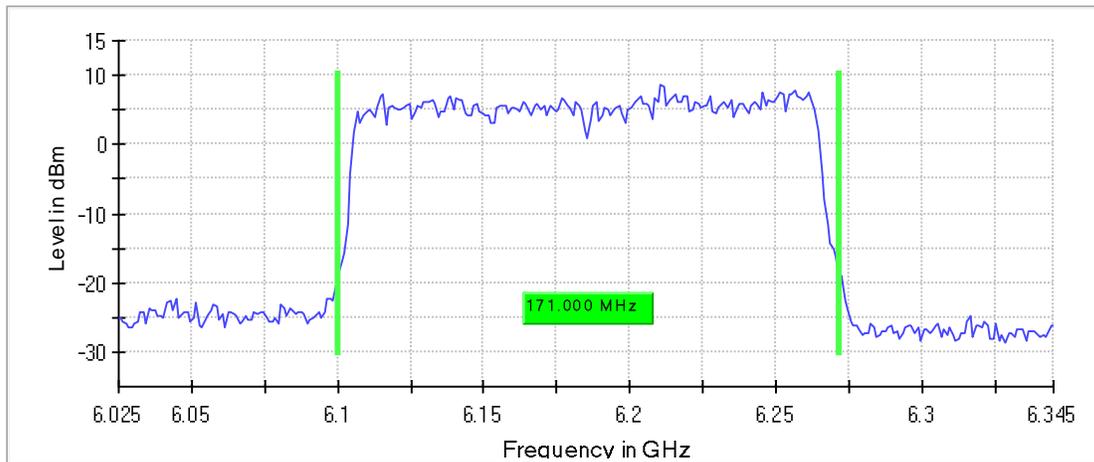
Emission Bandwidth 26 dB (6185 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

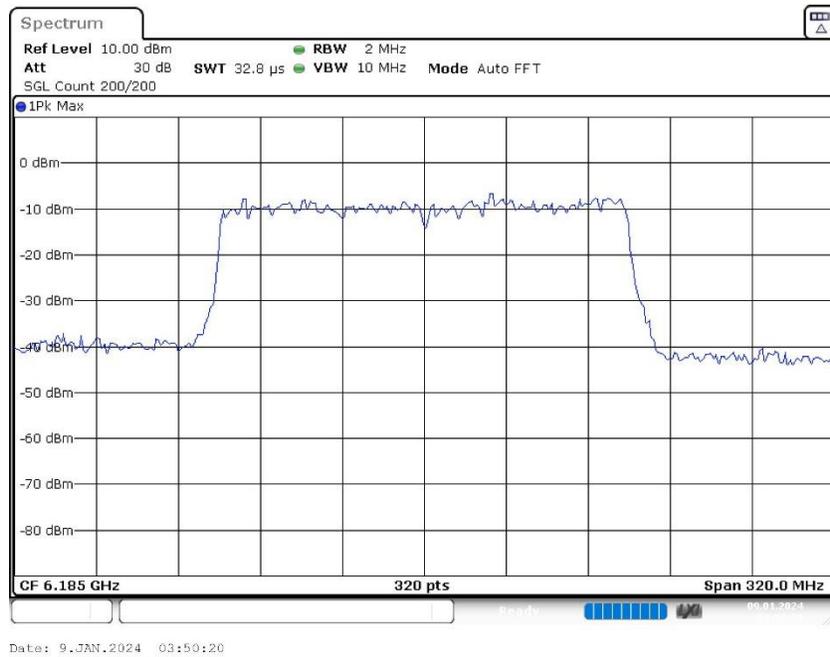
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6185.000000	171.000000	---	320.000000	6100.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6185.000000	6271.500000	---	8.5	PASS

26 dB Bandwidth



Bandwidth



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

Result

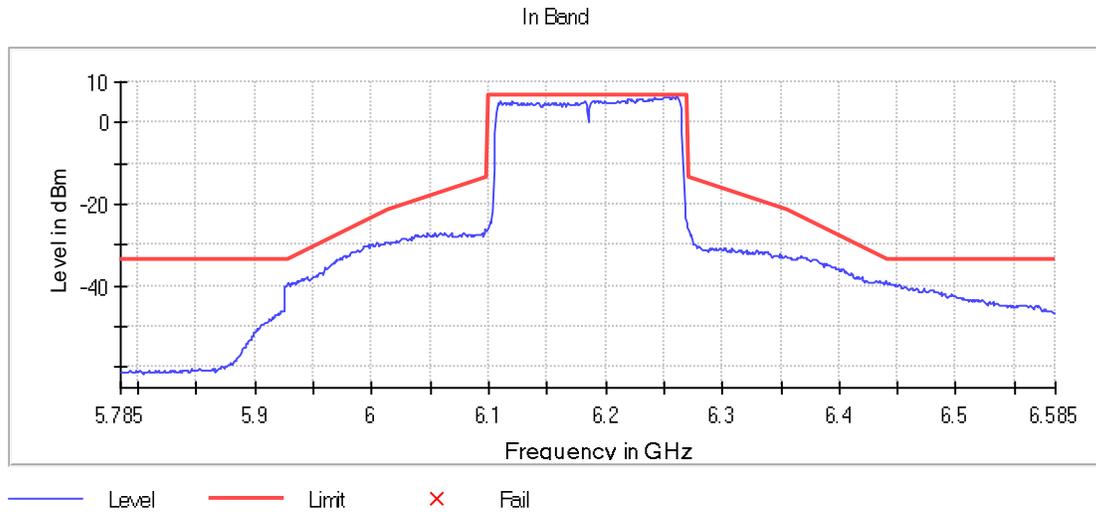
DUT Frequency (MHz)	Result
6185.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6261.500000	6.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6261.500000	6.6	0.0	6.6	PASS
6257.500000	6.4	0.2	6.6	PASS
6258.500000	6.4	0.3	6.6	PASS
6260.500000	6.4	0.3	6.6	PASS
6249.500000	6.3	0.4	6.6	PASS
6262.500000	6.2	0.4	6.6	PASS
6252.500000	6.2	0.4	6.6	PASS
6242.500000	6.2	0.5	6.6	PASS
6253.500000	6.2	0.5	6.6	PASS
6251.500000	6.1	0.5	6.6	PASS
6254.500000	6.1	0.6	6.6	PASS
6250.500000	6.1	0.6	6.6	PASS
6246.500000	6.0	0.6	6.6	PASS
6256.500000	6.0	0.6	6.6	PASS
6247.500000	5.9	0.7	6.6	PASS

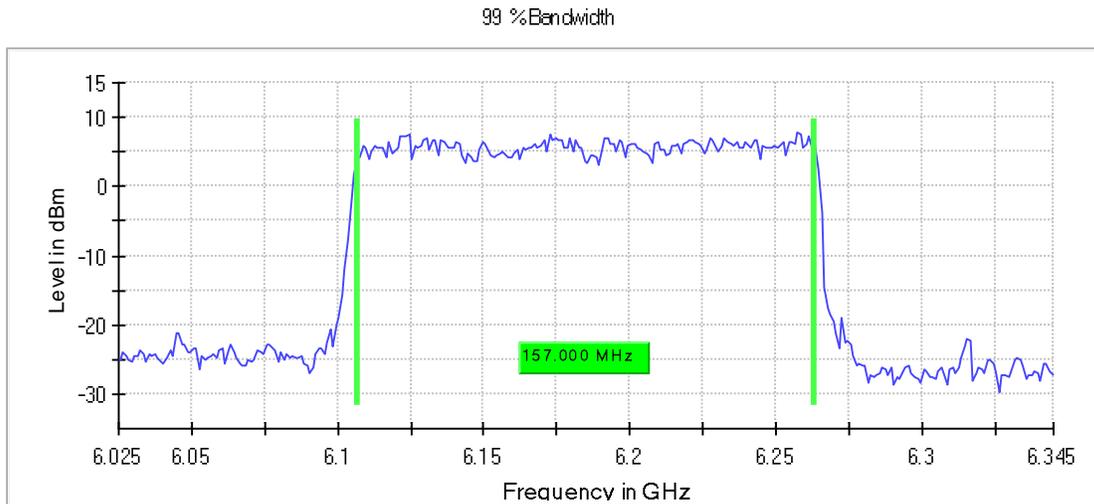


Occupied Channel Bandwidth 99% (6185 MHz; 24.000 dBm; 160 MHz)

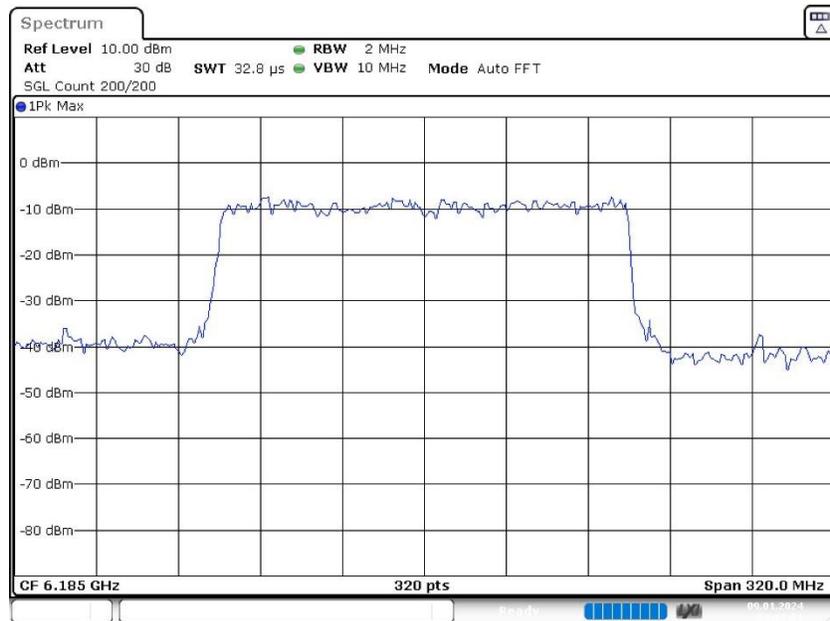
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6185.000000	157.000000	---	320.000000	6106.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6185.000000	6263.500000	7125.000000	PASS



Bandwidth



Date: 9.JAN.2024 03:51:21

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
---	---	---	---	---	---

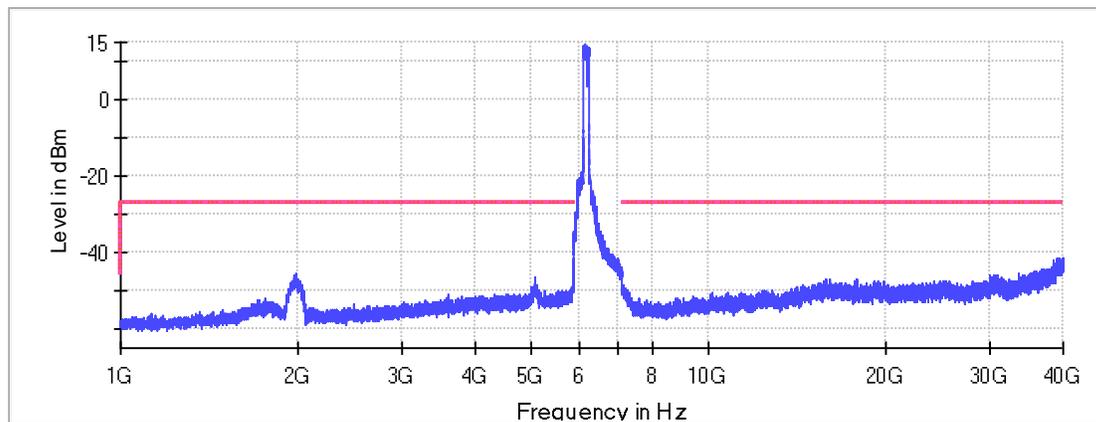
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5916.750000	-33.1	6.1	-27.0
5916.250000	-33.3	6.3	-27.0
5924.750000	-33.5	6.5	-27.0
5920.750000	-33.5	6.5	-27.0
5922.750000	-33.6	6.6	-27.0
5921.250000	-33.7	6.7	-27.0
5923.250000	-33.9	6.9	-27.0
5917.750000	-34.3	7.3	-27.0
5923.750000	-34.3	7.3	-27.0
5921.750000	-34.3	7.3	-27.0
5919.750000	-34.5	7.5	-27.0
5905.750000	-34.5	7.5	-27.0
5924.250000	-34.6	7.6	-27.0
5915.750000	-34.6	7.6	-27.0
5911.750000	-34.6	7.6	-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



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

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

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

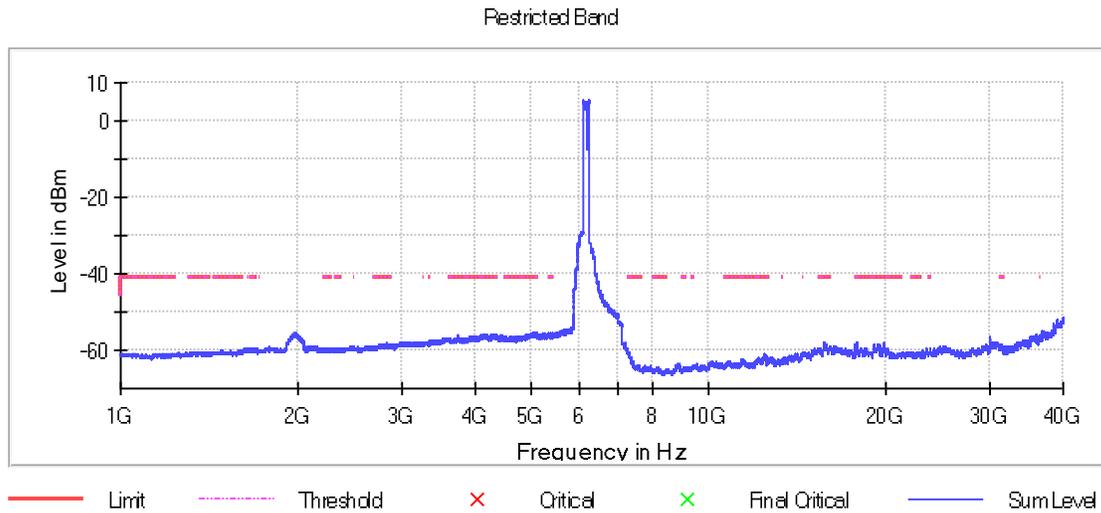
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5084.250000	-55.3	14.1	-41.2
5059.250000	-55.3	14.1	-41.2
5072.750000	-55.4	14.2	-41.2
5055.250000	-55.4	14.2	-41.2
5083.750000	-55.4	14.2	-41.2
5057.250000	-55.4	14.2	-41.2
5072.250000	-55.4	14.2	-41.2
5045.750000	-55.4	14.2	-41.2
5070.750000	-55.5	14.3	-41.2
5070.250000	-55.5	14.3	-41.2
5066.250000	-55.5	14.3	-41.2
5044.250000	-55.5	14.3	-41.2
5351.750000	-55.5	14.3	-41.2
5058.750000	-55.5	14.3	-41.2
5041.750000	-55.5	14.3	-41.2

Measurement Settings

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



Emissions in restricted frequency bands (Peak) (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

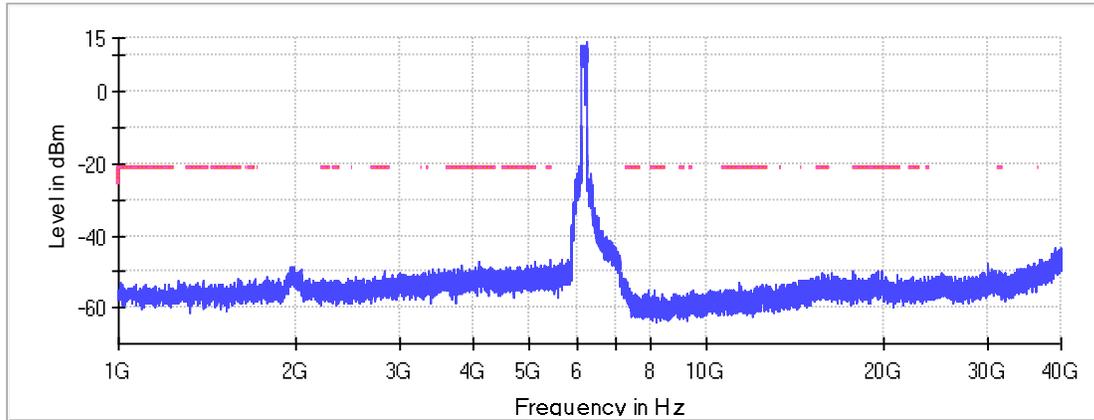
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5424.250000	-46.5	25.3	-21.2
5424.750000	-46.6	25.4	-21.2
4106.250000	-47.3	26.1	-21.2
5084.750000	-47.4	26.2	-21.2
5085.250000	-48.0	26.8	-21.2
5036.250000	-48.3	27.1	-21.2
4952.250000	-48.3	27.1	-21.2
3822.250000	-48.4	27.2	-21.2
5139.750000	-48.6	27.4	-21.2
5086.250000	-48.6	27.4	-21.2
4956.750000	-48.6	27.4	-21.2
4771.250000	-48.6	27.4	-21.2
4274.250000	-48.6	27.4	-21.2
5384.750000	-48.6	27.4	-21.2
5362.250000	-48.6	27.4	-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



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

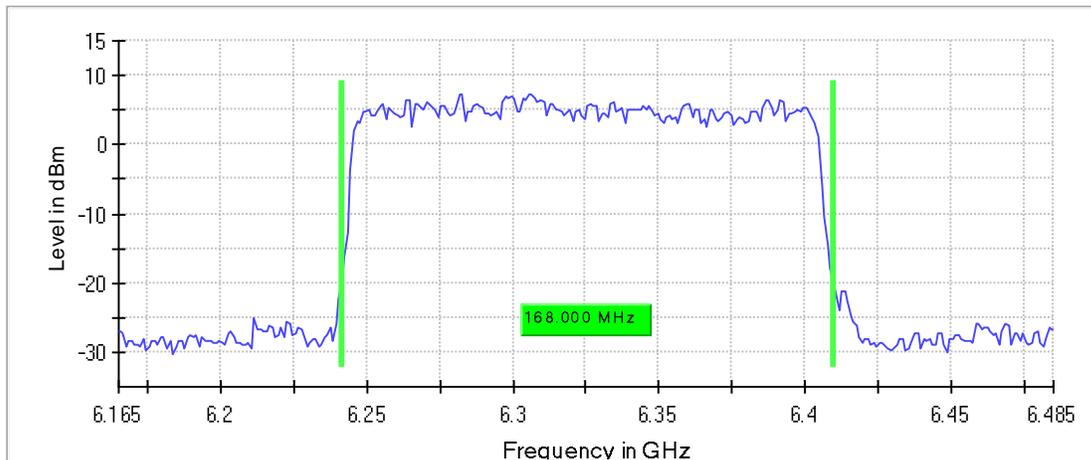
Emission Bandwidth 26 dB (6325 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

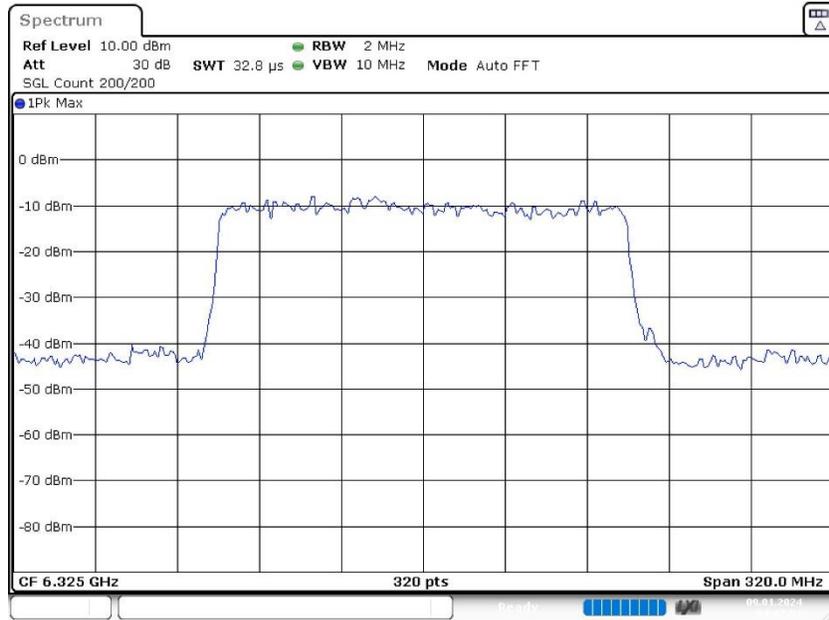
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6325.000000	168.000000	---	320.000000	6241.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6325.000000	6409.500000	---	7.3	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

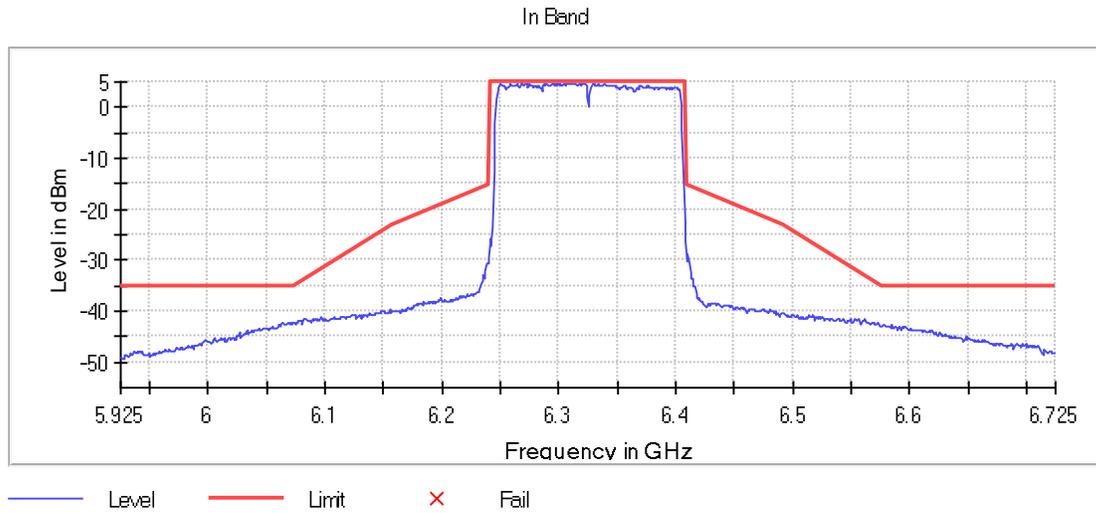
Inband Peak

Frequency (MHz)	Level (dBm)
6268.500000	4.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6328.500000	4.8	0.1	4.9	PASS
6267.500000	4.8	0.1	4.9	PASS
6289.500000	4.8	0.1	4.9	PASS
6330.500000	4.8	0.1	4.9	PASS
6299.500000	4.7	0.2	4.9	PASS
6339.500000	4.7	0.2	4.9	PASS
6308.500000	4.7	0.2	4.9	PASS
6311.500000	4.7	0.2	4.9	PASS
6310.500000	4.7	0.2	4.9	PASS
6338.500000	4.7	0.2	4.9	PASS
6301.500000	4.7	0.3	4.9	PASS
6258.500000	4.7	0.3	4.9	PASS

6309.500000	4.6	0.3	4.9	PASS
6329.500000	4.6	0.3	4.9	PASS
6250.500000	4.6	0.3	4.9	PASS

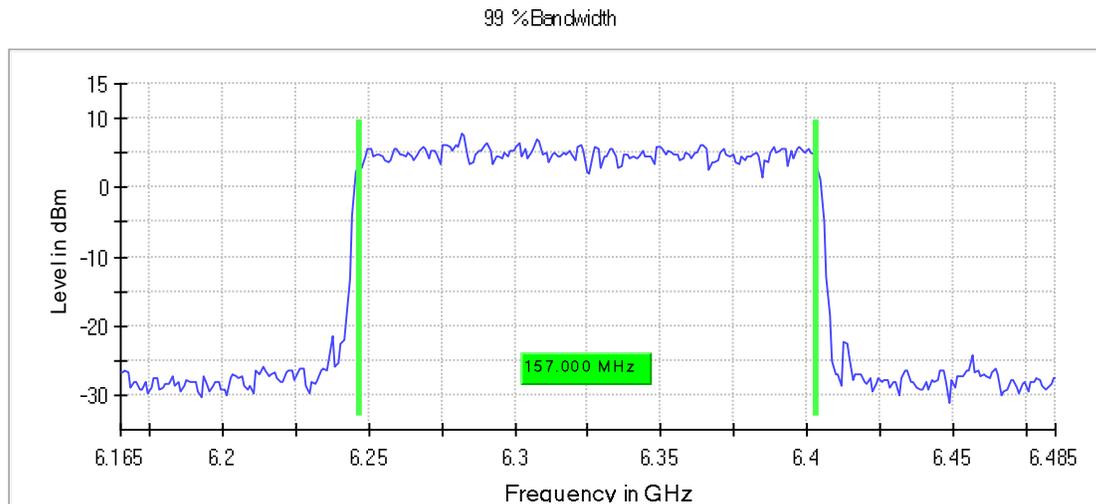


Occupied Channel Bandwidth 99% (6325 MHz; 24.000 dBm; 160 MHz)

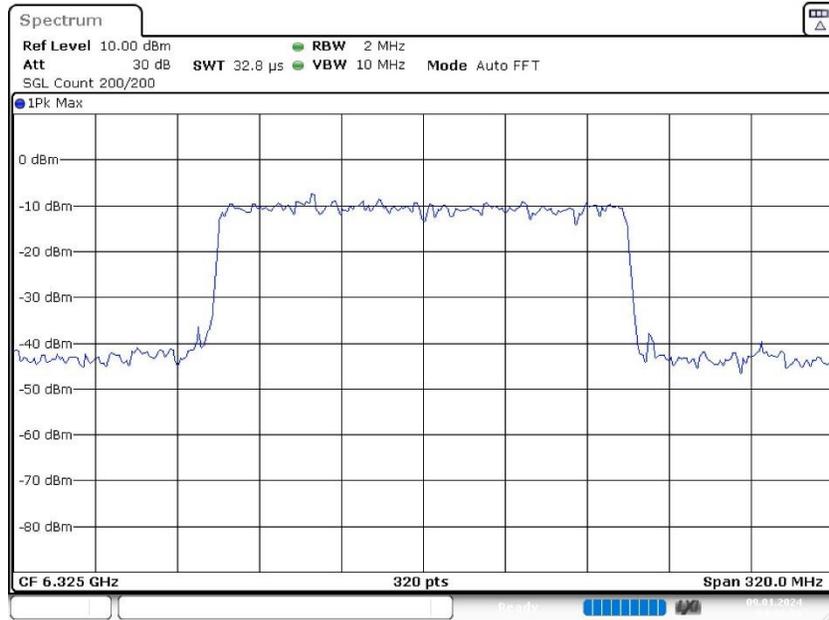
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6325.000000	157.000000	---	320.000000	6246.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6325.000000	6403.500000	7125.000000	PASS



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
---	---	---	---	---	---

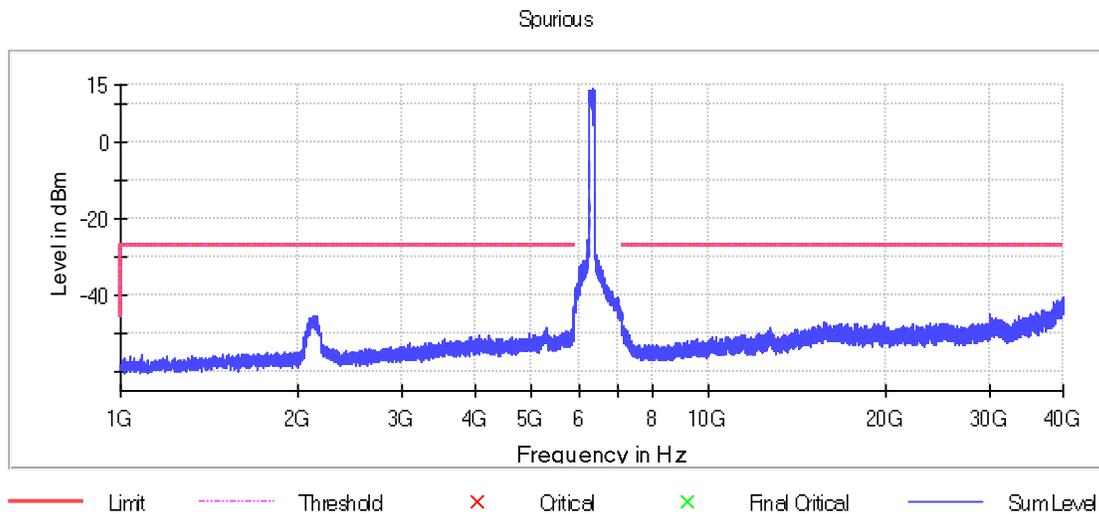
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
1000.000000	-58.0	12.1	-45.9
39953.250000	-40.6	13.6	-27.0
39969.250000	-41.0	14.0	-27.0
39977.250000	-41.1	14.1	-27.0
39986.250000	-41.3	14.3	-27.0
39971.750000	-41.3	14.3	-27.0
39874.250000	-41.3	14.3	-27.0
39207.250000	-41.4	14.4	-27.0
39155.250000	-41.5	14.5	-27.0
39937.250000	-41.5	14.5	-27.0
39899.750000	-41.5	14.5	-27.0

39996.250000	-41.5	14.5	-27.0
39953.750000	-41.5	14.5	-27.0
39115.250000	-41.6	14.6	-27.0
39943.750000	-41.6	14.6	-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) (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

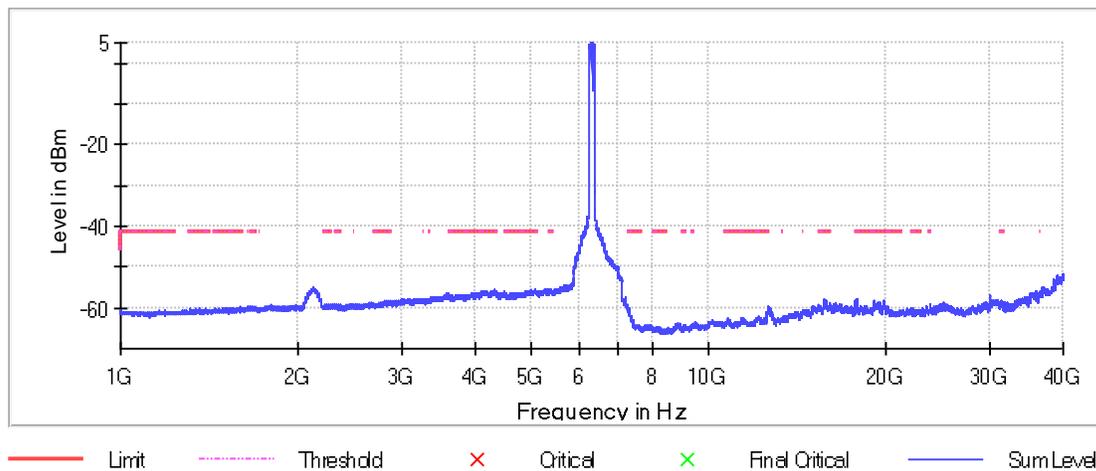
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5393.750000	-55.5	14.3	-41.2
5077.750000	-55.5	14.3	-41.2
5367.250000	-55.5	14.3	-41.2

5386.750000	-55.6	14.4	-41.2
5364.250000	-55.6	14.4	-41.2
5060.250000	-55.6	14.4	-41.2
5390.250000	-55.7	14.5	-41.2
5048.750000	-55.7	14.5	-41.2
4316.750000	-55.7	14.5	-41.2
5064.750000	-55.7	14.5	-41.2
4968.250000	-55.7	14.5	-41.2
5387.750000	-55.7	14.5	-41.2
4962.750000	-55.7	14.5	-41.2
5400.750000	-55.7	14.5	-41.2
4156.750000	-55.7	14.5	-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) (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
---	---	---	---	---	---

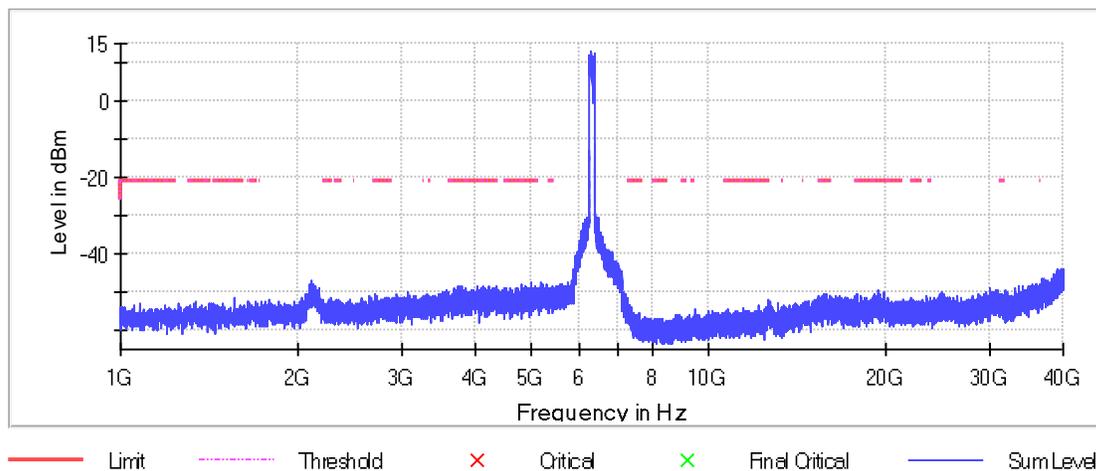
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4982.250000	-47.7	26.5	-21.2
4805.750000	-48.2	27.0	-21.2
3784.250000	-48.3	27.1	-21.2
4135.250000	-48.4	27.2	-21.2
4341.750000	-48.4	27.2	-21.2
5400.750000	-48.5	27.3	-21.2
4887.750000	-48.5	27.3	-21.2
4214.750000	-48.5	27.3	-21.2
3734.750000	-48.6	27.4	-21.2
4869.750000	-48.6	27.4	-21.2
5045.750000	-48.6	27.4	-21.2
4032.250000	-48.6	27.4	-21.2
3808.750000	-48.6	27.4	-21.2
36474.266429	-48.6	27.4	-21.2
4862.250000	-48.7	27.5	-21.2

Measurement Settings

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

Restricted Band



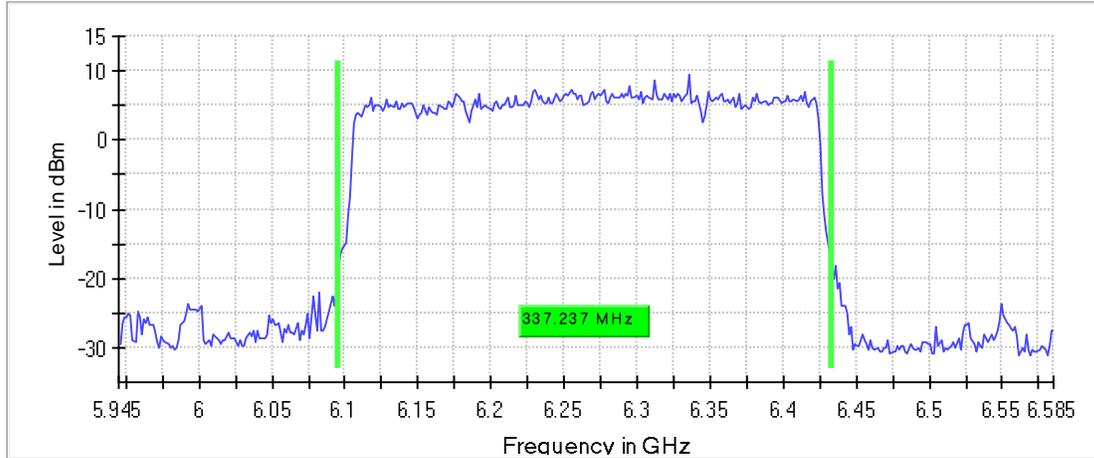
Emission Bandwidth 26 dB (6265 MHz; 24.000 dBm; 320 MHz)

26 dB Bandwidth

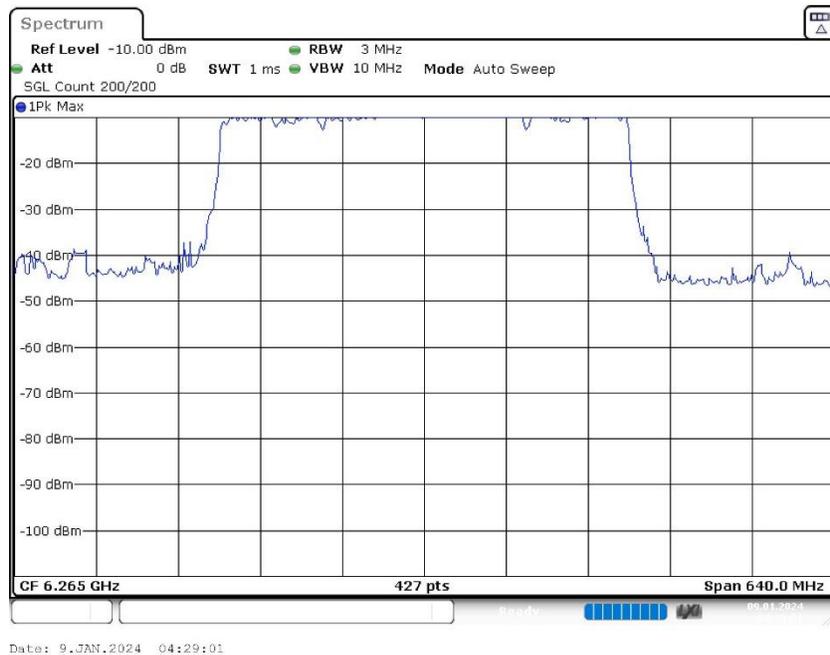
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6265.000000	337.236533	---	360.000000	6095.632319	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6265.000000	6432.868852	---	9.5	PASS

26 dB Bandwidth



Bandwidth



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

Result

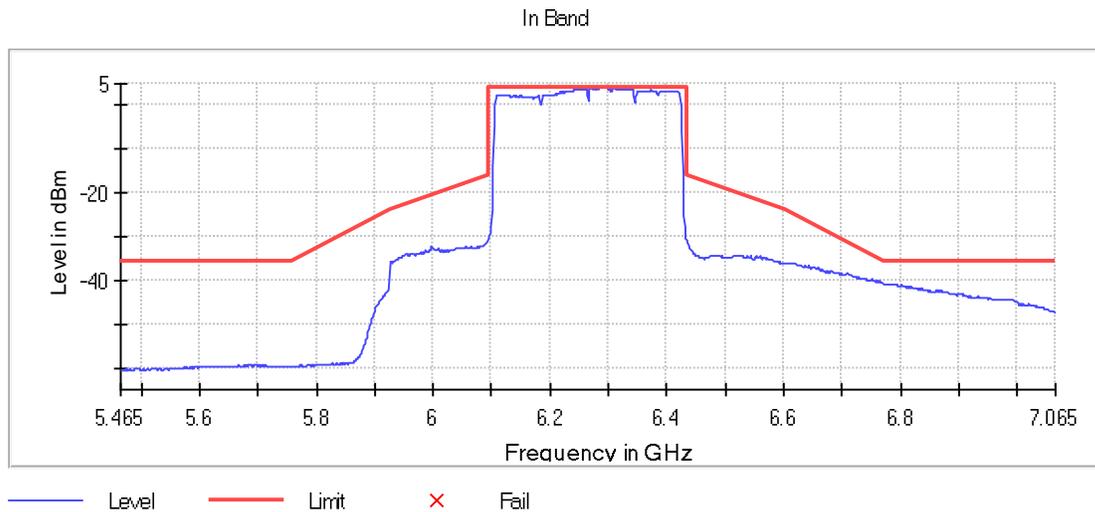
DUT Frequency (MHz)	Result
6265.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6287.492971	4.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6284.493908	4.1	0.1	4.2	PASS
6290.492034	4.0	0.1	4.2	PASS
6294.990628	4.0	0.1	4.2	PASS
6291.991565	4.0	0.1	4.2	PASS
6288.992502	4.0	0.2	4.2	PASS
6285.993440	4.0	0.2	4.2	PASS
6269.498594	4.0	0.2	4.2	PASS
6281.494845	4.0	0.2	4.2	PASS
6293.491097	4.0	0.2	4.2	PASS
6270.998126	4.0	0.2	4.2	PASS
6309.985942	4.0	0.2	4.2	PASS
6300.988754	3.9	0.2	4.2	PASS
6308.486410	3.9	0.2	4.2	PASS
6296.490159	3.9	0.2	4.2	PASS
6302.488285	3.9	0.3	4.2	PASS



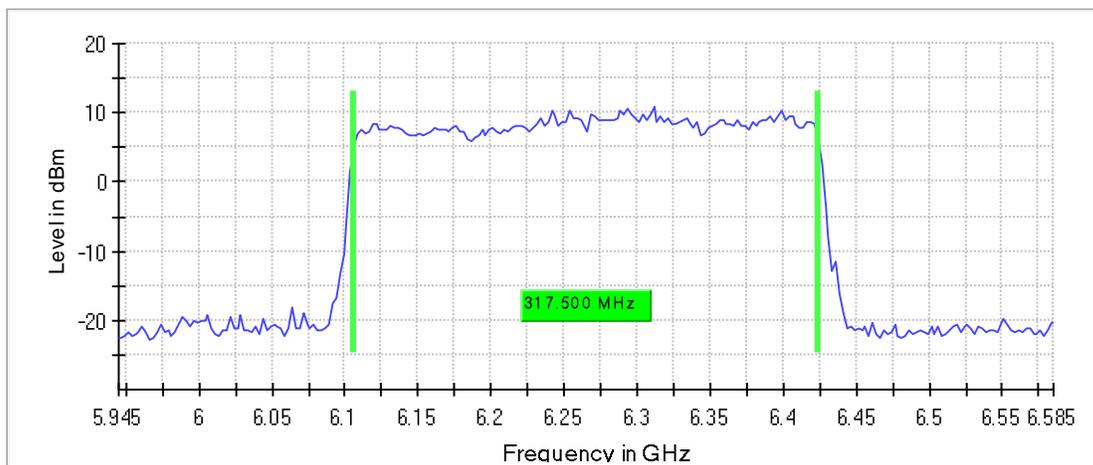
Occupied Channel Bandwidth 99% (6265 MHz; 24.000 dBm; 320 MHz)

99 % Bandwidth

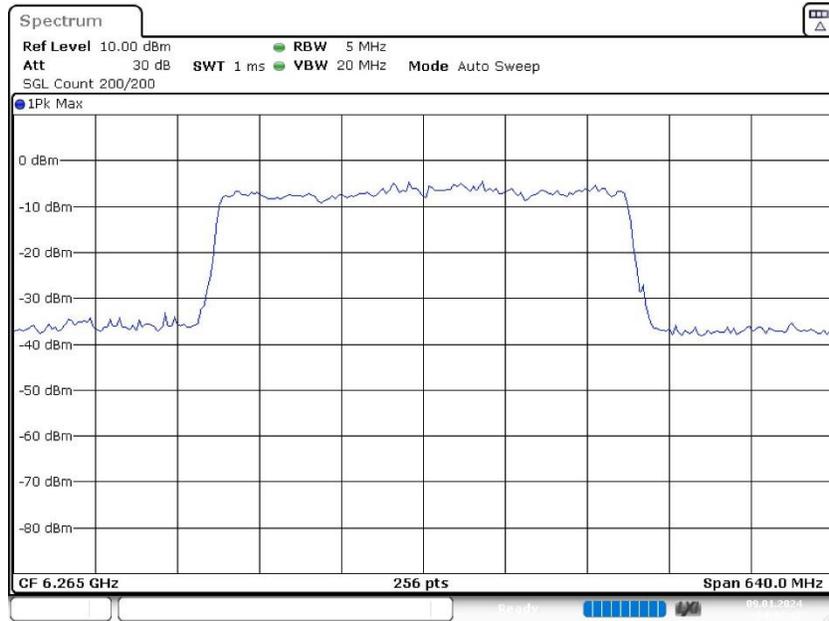
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6265.000000	317.500000	---	320.000000	6106.250000	5925.000000

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

99 %Bandwidth



Bandwidth



Date: 9 JAN. 2024 04:32:47

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

Result

DUT Frequency (MHz)	Result
6265.000000	PASS

Final measurements

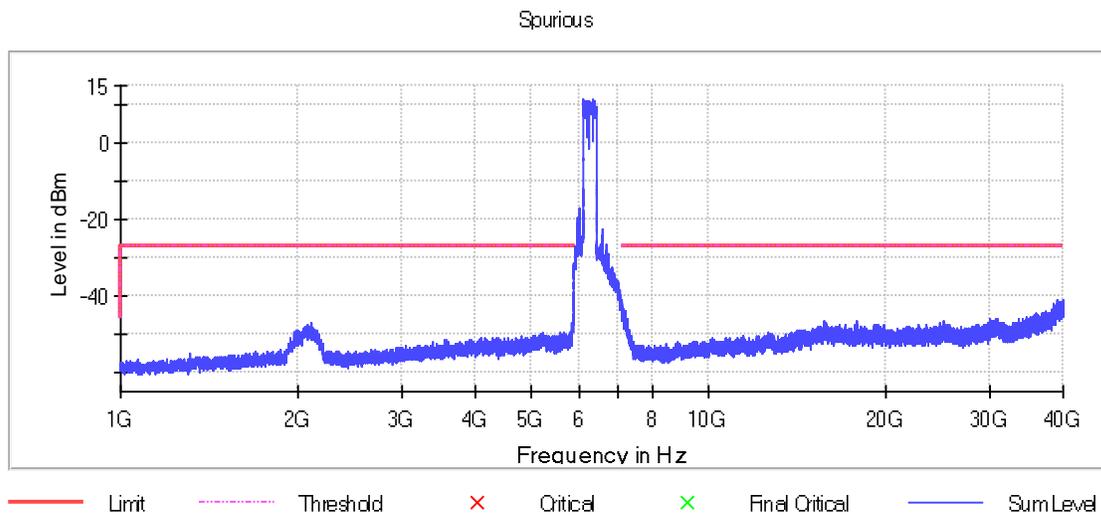
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5922.250000	-29.7	2.7	-27.0
5924.250000	-29.9	2.9	-27.0
5918.750000	-30.4	3.4	-27.0
5914.250000	-30.4	3.4	-27.0
5917.750000	-30.6	3.6	-27.0
5924.750000	-30.7	3.7	-27.0
5923.750000	-30.9	3.9	-27.0
5922.750000	-30.9	3.9	-27.0
5921.750000	-30.9	3.9	-27.0
5918.250000	-31.2	4.2	-27.0
5919.250000	-31.2	4.2	-27.0
5914.750000	-31.3	4.3	-27.0
5919.750000	-31.4	4.4	-27.0
5923.250000	-31.4	4.4	-27.0
5916.750000	-31.4	4.4	-27.0

Measurement Settings

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



Emissions in restricted frequency bands (Average) (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
---	---	---	---	---	---

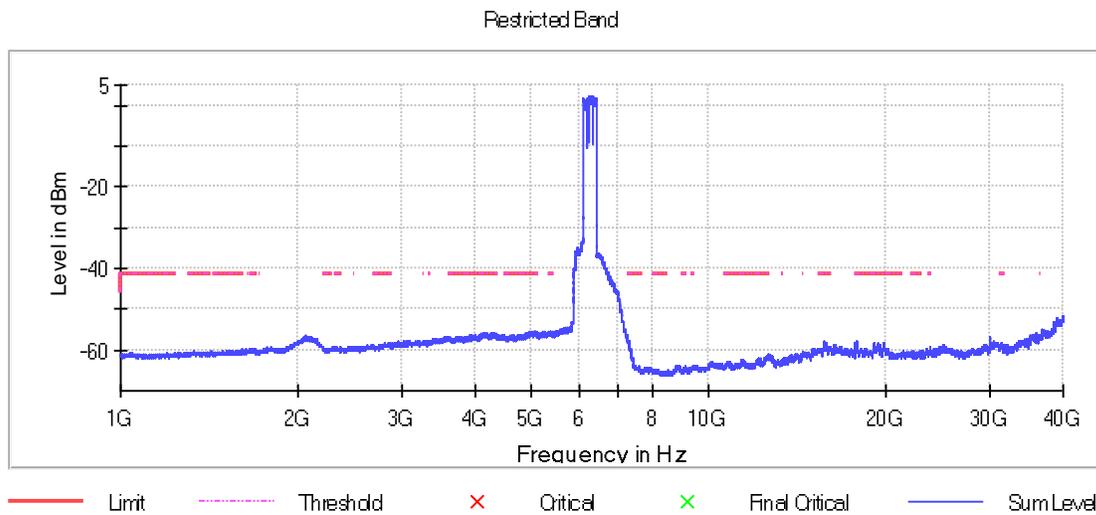
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5397.250000	-55.5	14.3	-41.2
5386.250000	-55.6	14.4	-41.2
5068.250000	-55.6	14.4	-41.2
5045.250000	-55.6	14.4	-41.2
5354.750000	-55.6	14.4	-41.2
5408.750000	-55.6	14.4	-41.2
5067.750000	-55.6	14.4	-41.2
5393.750000	-55.6	14.4	-41.2

4961.250000	-55.6	14.4	-41.2
5379.750000	-55.7	14.5	-41.2
5387.750000	-55.7	14.5	-41.2
4970.750000	-55.7	14.5	-41.2
5364.250000	-55.7	14.5	-41.2
5072.750000	-55.7	14.5	-41.2
5040.750000	-55.7	14.5	-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

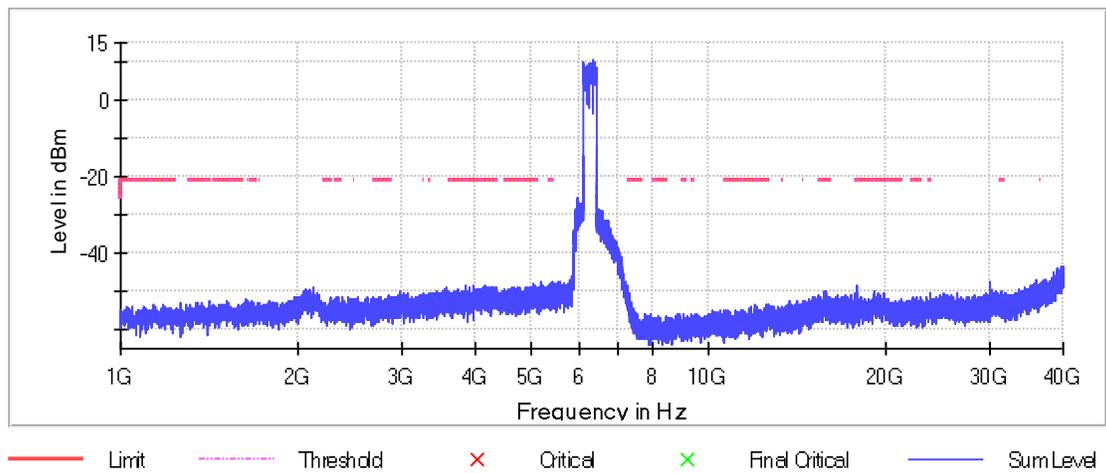
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5414.750000	-47.5	26.3	-21.2
36489.390957	-47.9	26.7	-21.2
5039.750000	-48.1	26.9	-21.2

5360.250000	-48.1	26.9	-21.2
5451.750000	-48.2	27.0	-21.2
5373.250000	-48.2	27.0	-21.2
5040.250000	-48.3	27.1	-21.2
5352.750000	-48.4	27.2	-21.2
17785.250000	-48.5	27.3	-21.2
3975.250000	-48.6	27.4	-21.2
4162.250000	-48.6	27.4	-21.2
7263.250000	-48.6	27.4	-21.2
3865.250000	-48.6	27.4	-21.2
5064.250000	-48.6	27.4	-21.2
36490.765914	-48.7	27.5	-21.2

Measurement Settings

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

Restricted Band



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)	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)	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)	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)

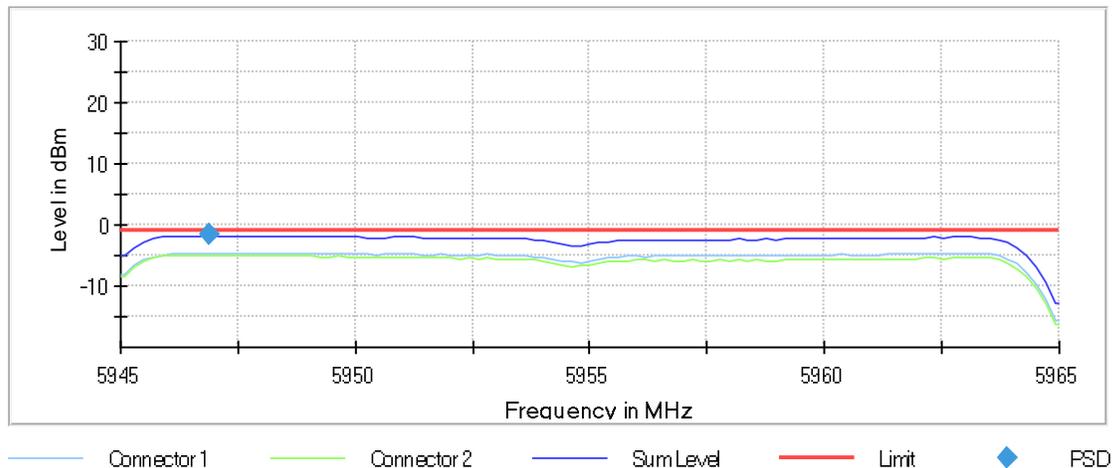
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5955.000000	5946.881188	-1.684	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



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	20.000 dBm	20.000 dBm
Attenuation	40.000 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)

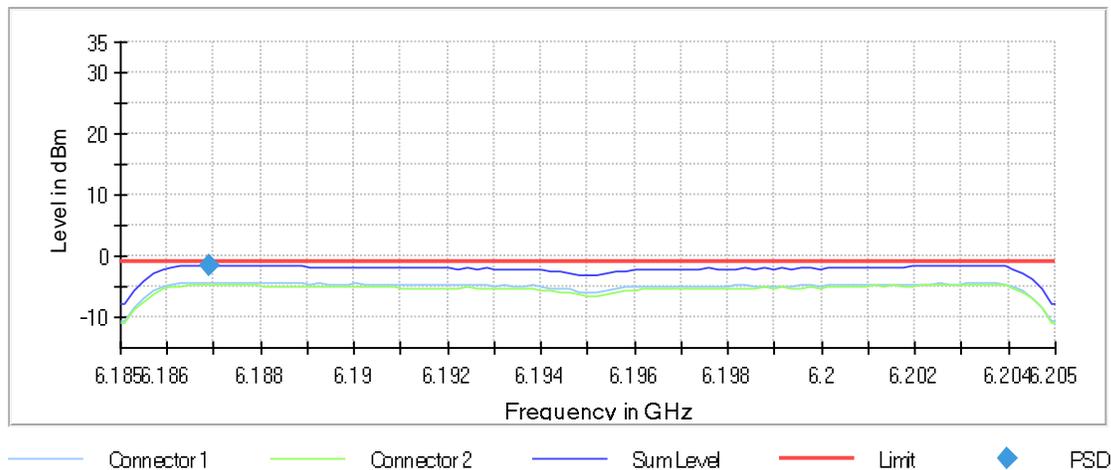
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6195.000000	6186.881188	-1.447	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



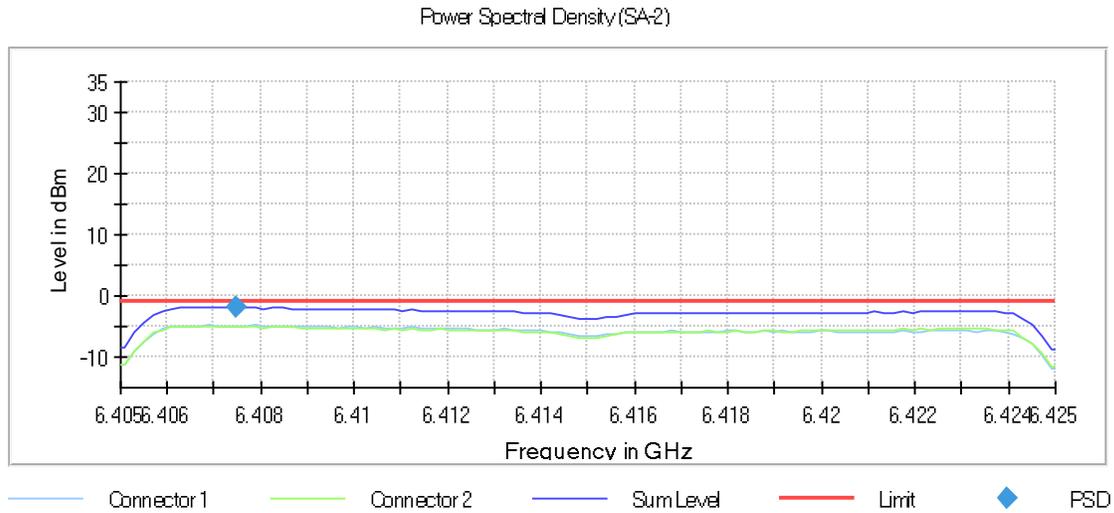
Power Spectral Density (SA-2) (6415 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6415.000000	6407.475248	-1.857	-0.8	PASS

Ports

Port	State
1	used
2	used



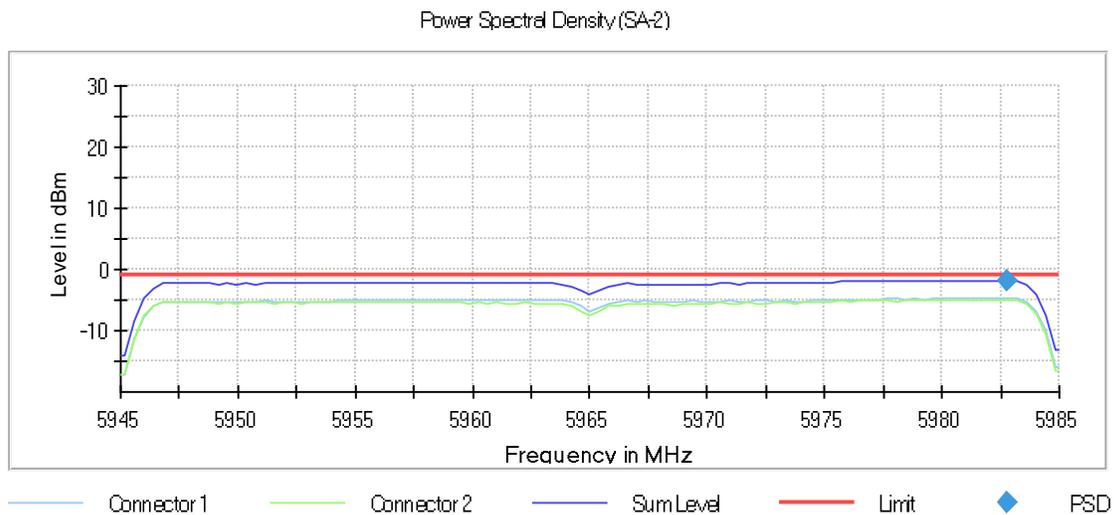
Power Spectral Density (SA-2) (5965 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5965.000000	5982.821782	-1.754	-0.8	PASS

Ports

Port	State
1	used
2	used



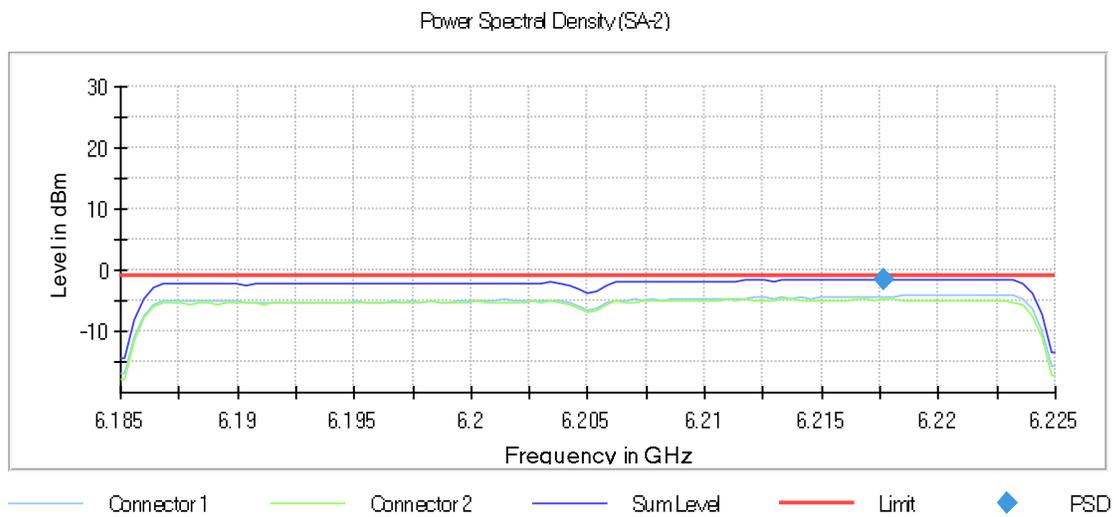
Power Spectral Density (SA-2) (6205 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6205.000000	6217.673267	-1.446	-0.8	PASS

Ports

Port	State
1	used
2	used



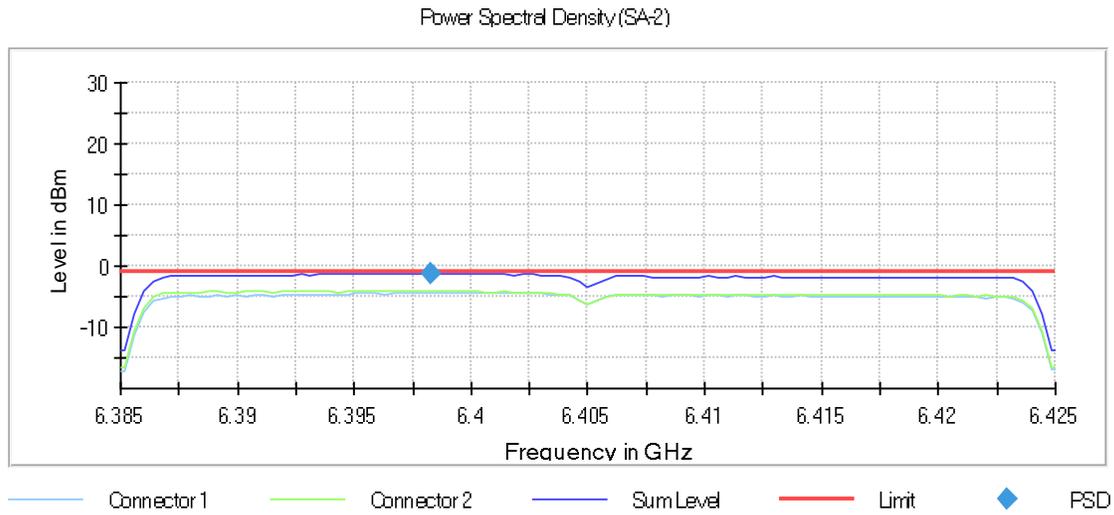
Power Spectral Density (SA-2) (6405 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6405.000000	6398.267327	-1.111	-0.8	PASS

Ports

Port	State
1	used
2	used



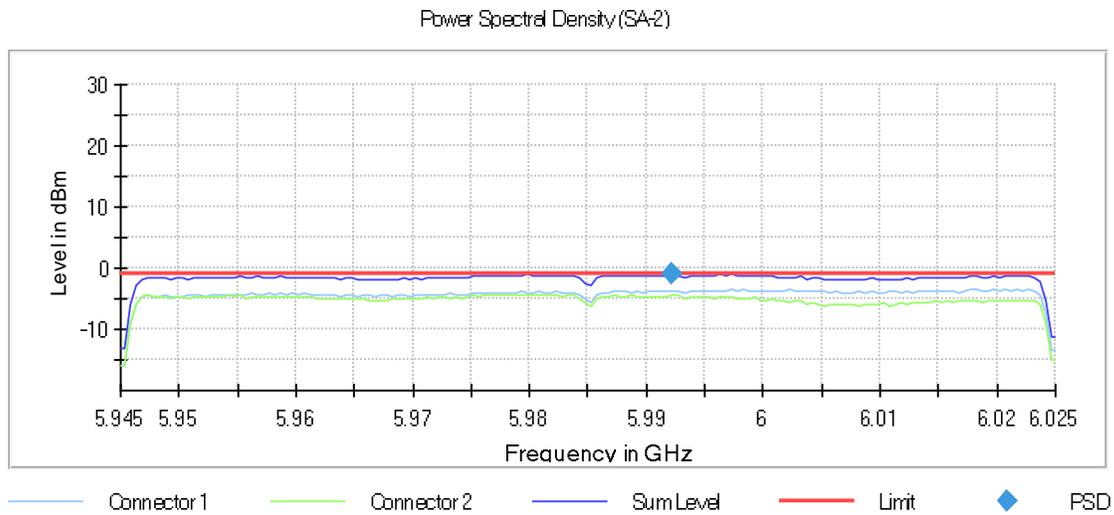
Power Spectral Density (SA-2) (5985 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5985.000000	5992.250000	-1.037	-0.8	PASS

Ports

Port	State
1	used
2	used



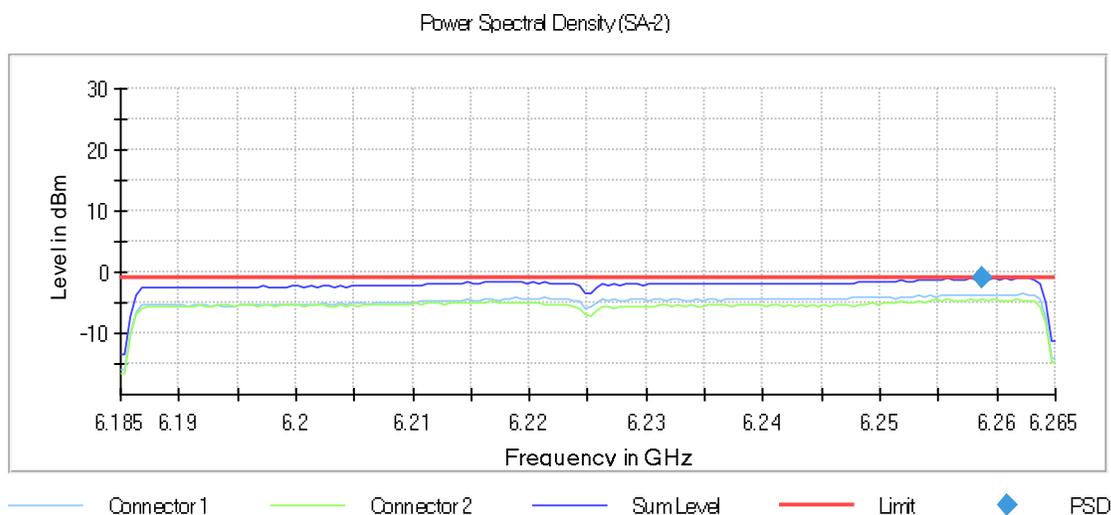
Power Spectral Density (SA-2) (6225 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6225.000000	6258.750000	-0.984	-0.8	PASS

Ports

Port	State
1	used
2	used



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

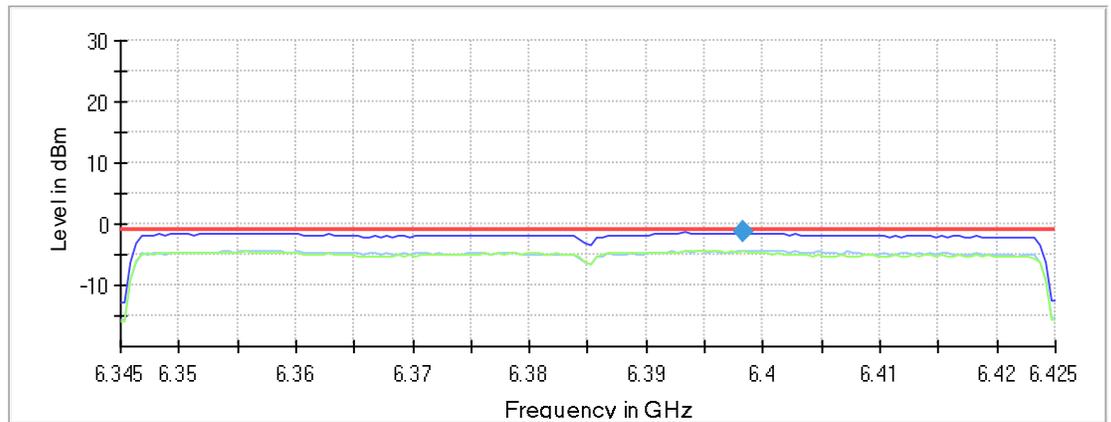
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6385.000000	6398.250000	-1.375	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Connector 1 Connector 2 SumLevel Limit PSD

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

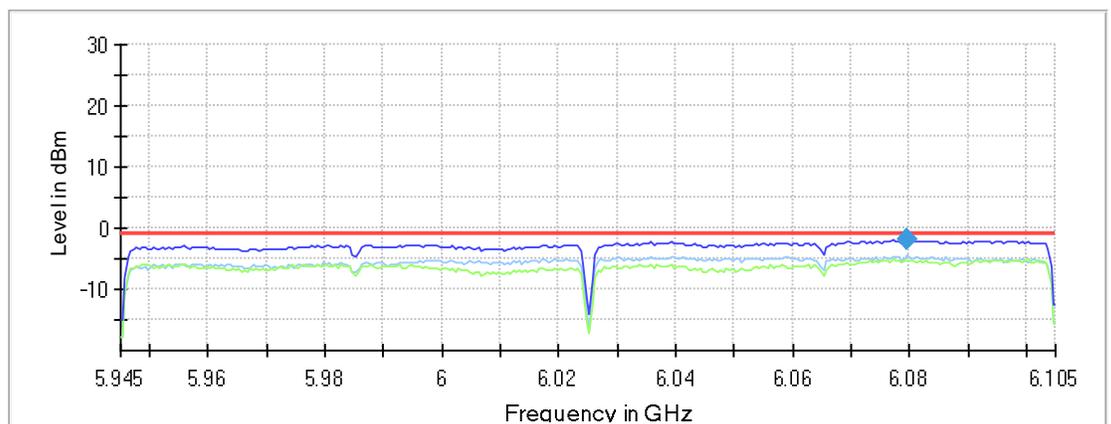
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6025.000000	6079.750000	-1.851	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Connector 1 Connector 2 SumLevel Limit PSD

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

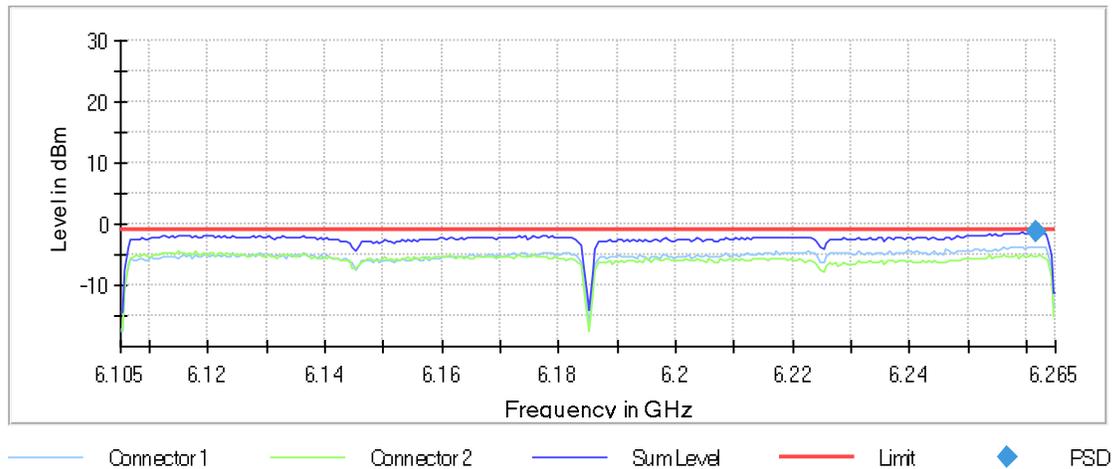
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6185.000000	6261.750000	-1.315	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



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	6319.250000	-2.002	-0.8	PASS

Ports

Port	State
1	used
2	used



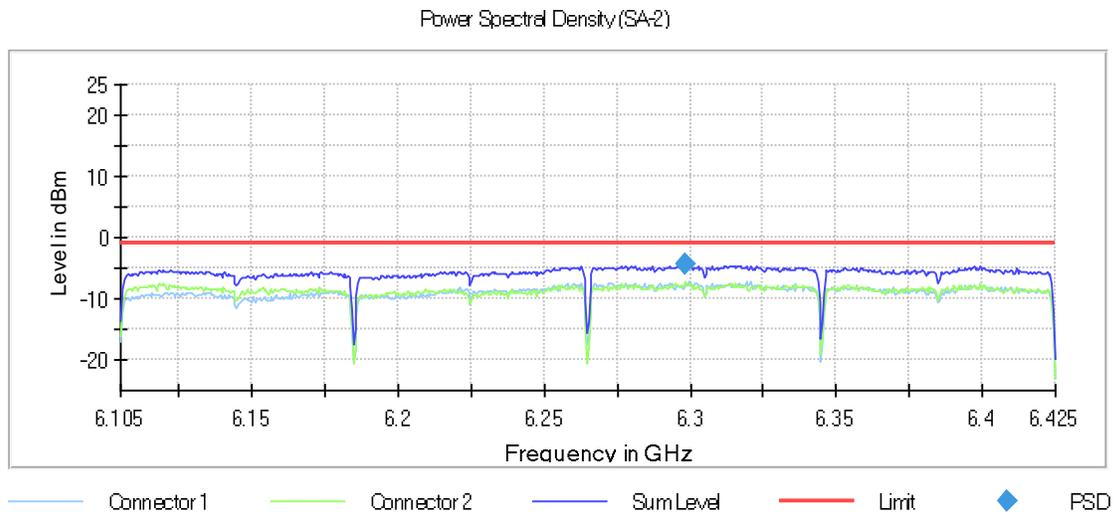
Power Spectral Density (SA-2) (6265 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6265.000000	6298.250000	-4.361	-0.8	PASS

Ports

Port	State
1	used
2	used



-- End of Report --