



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-UDR7
ISED ID	6545A-UDR7
Equipment Under Test	UDR7
Test Report Serial Number	9641_01
Date of Tests	10 – 12 September 2024
Report Issue Date	30 December 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 2025. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until 30 June 2025. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



1 RF Conducted UNII-6

1.1 EHT 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
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

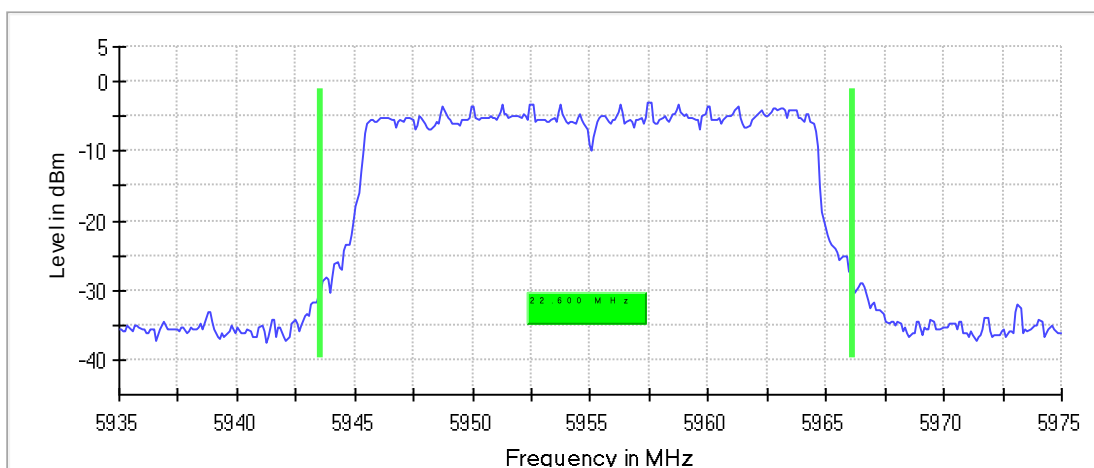
Emission Bandwidth 26 dB (5955 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

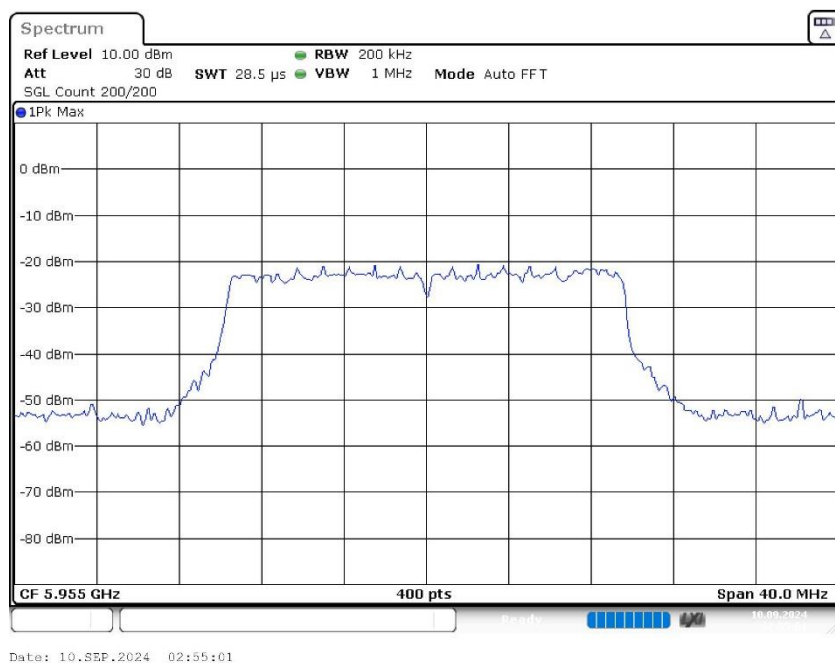
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5955.000000	22.600000	---	320.000000	5943.550000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
5955.000000	5966.150000	---	-3.0	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	11.2	24.0	11.2	99.729	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

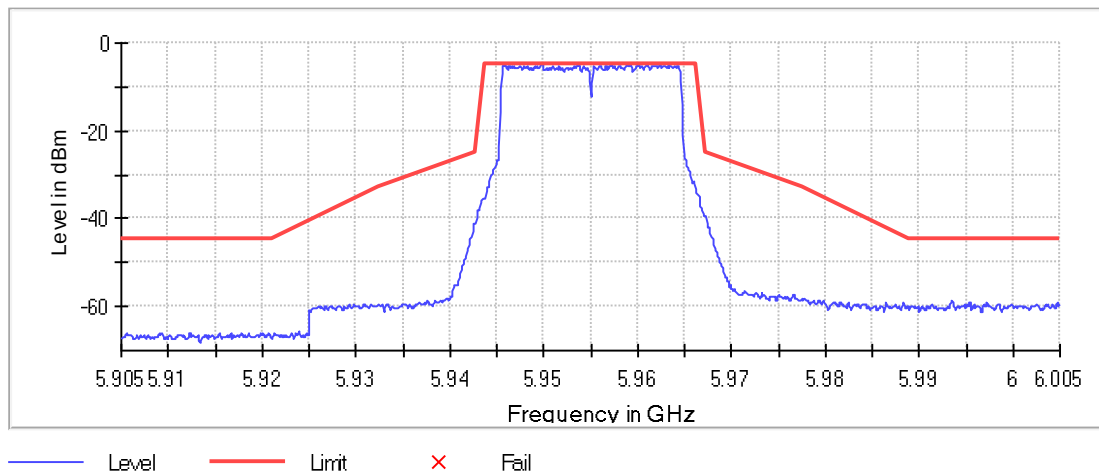
Inband Peak

Frequency (MHz)	Level (dBm)
5945.750000	-4.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5945.750000	-4.8	0.0	-4.8	PASS
5959.250000	-4.8	0.0	-4.8	PASS
5961.050000	-4.9	0.1	-4.8	PASS
5949.750000	-4.9	0.1	-4.8	PASS
5953.750000	-4.9	0.1	-4.8	PASS
5958.850000	-4.9	0.1	-4.8	PASS
5963.250000	-4.9	0.2	-4.8	PASS
5960.150000	-5.0	0.2	-4.8	PASS
5957.250000	-5.0	0.2	-4.8	PASS
5962.350000	-5.0	0.2	-4.8	PASS
5949.850000	-5.0	0.2	-4.8	PASS
5949.650000	-5.0	0.2	-4.8	PASS
5960.050000	-5.0	0.2	-4.8	PASS
5957.050000	-5.1	0.3	-4.8	PASS
5946.350000	-5.1	0.3	-4.8	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

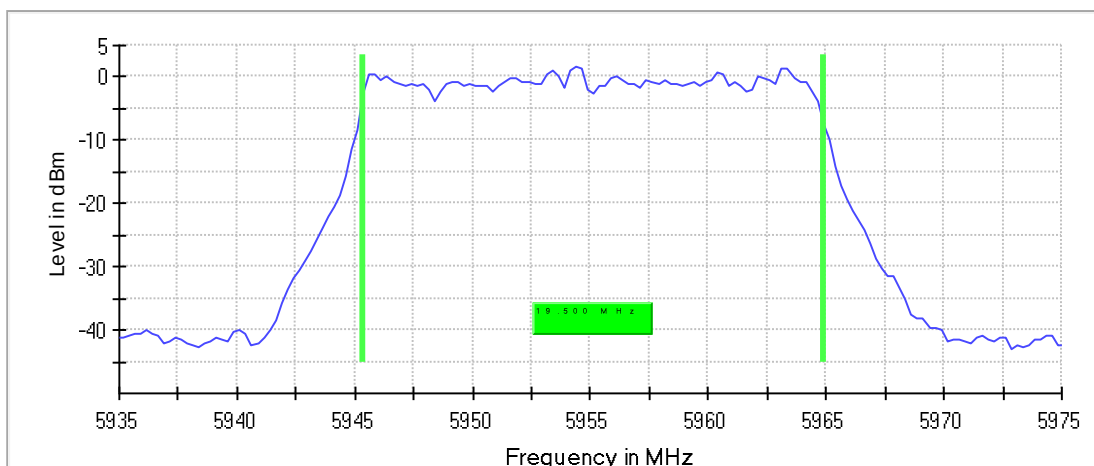
Occupied Channel Bandwidth 99% (5955 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

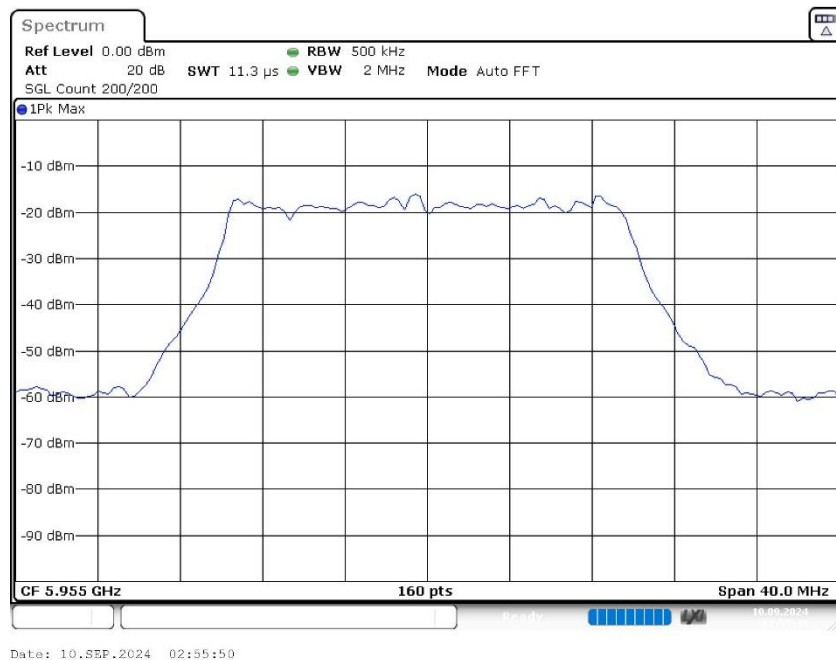
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5955.000000	19.500000	---	320.000000	5945.375000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5955.000000	5964.875000	7125.000000	PASS

99 % Bandwidth



Bandwidth



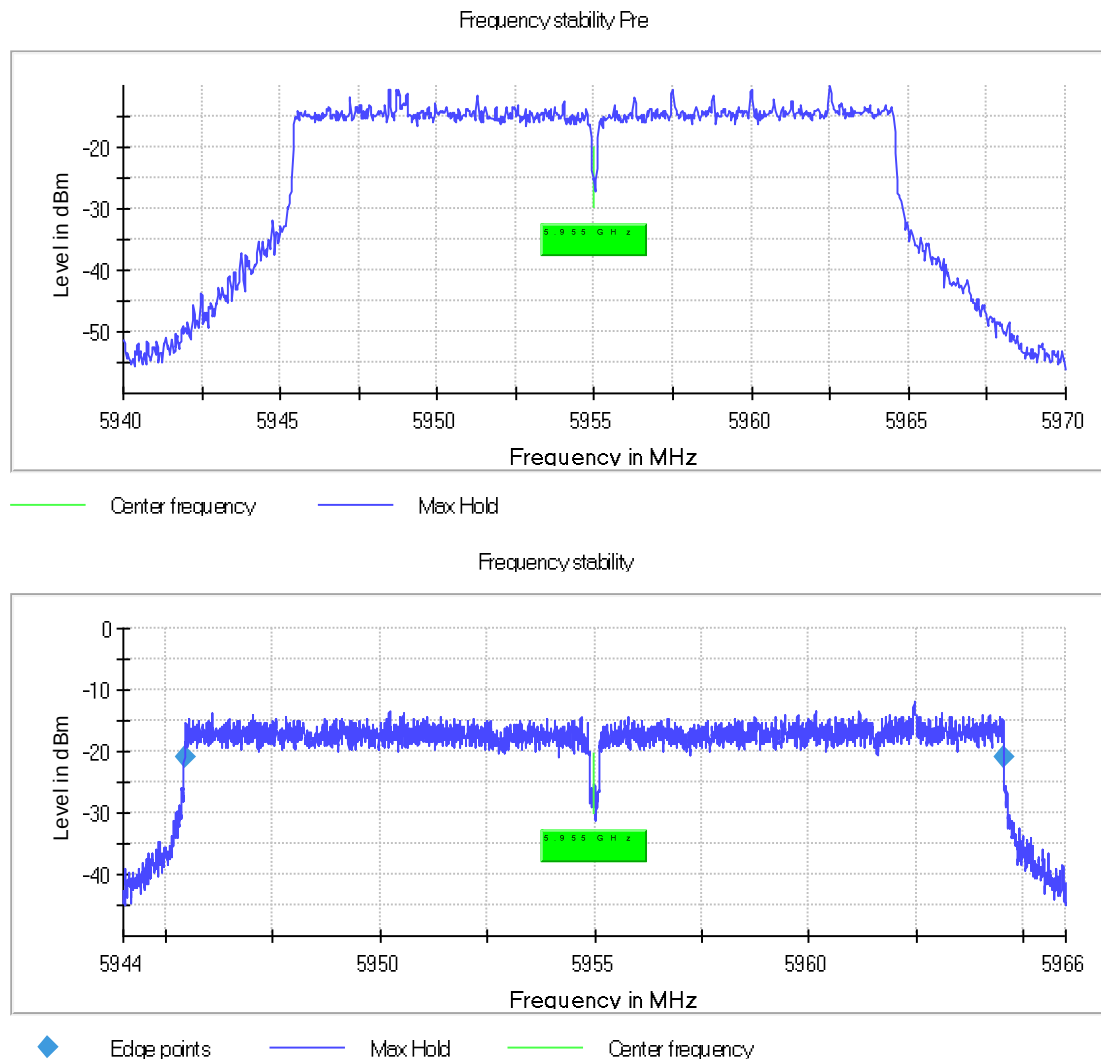
Measurement

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	5954.996701	0.554	-3.299500	---	---	PASS



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

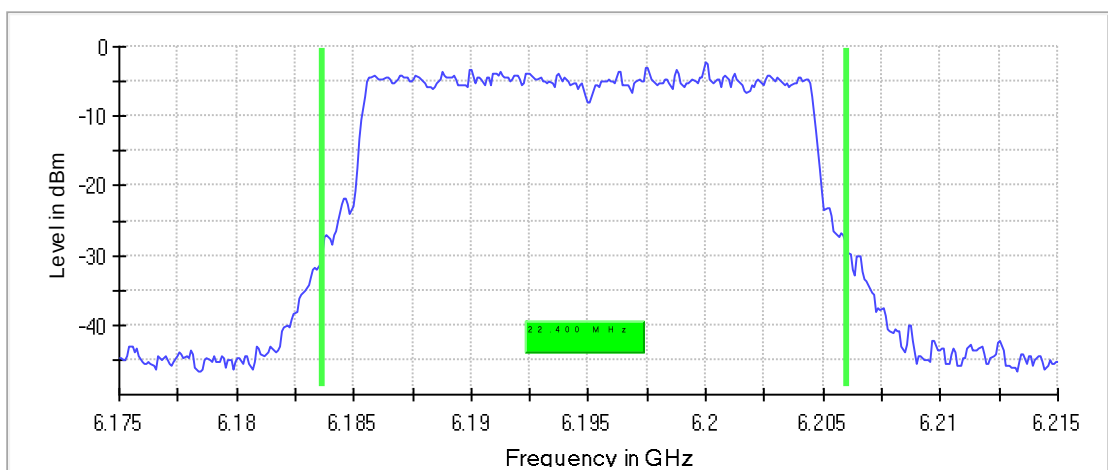
Emission Bandwidth 26 dB (6195 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

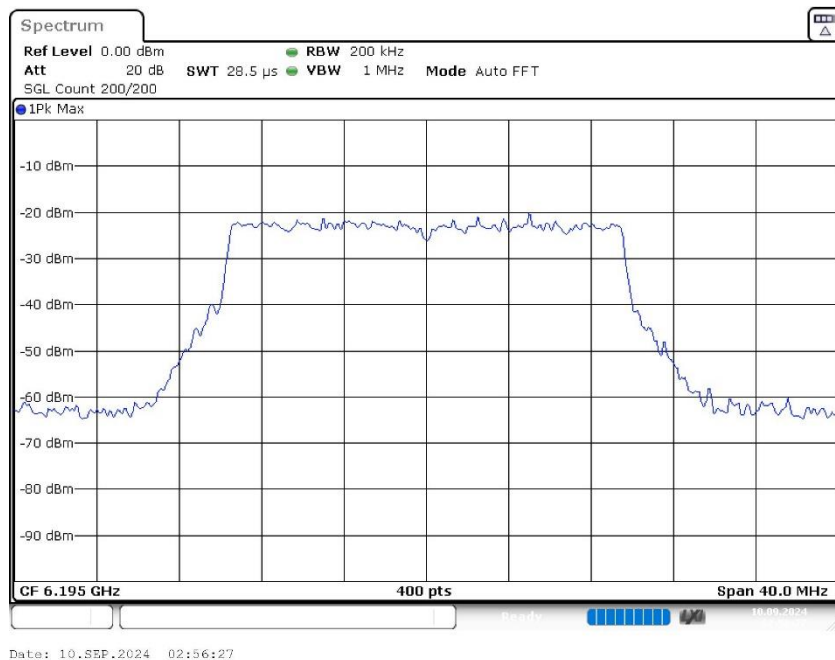
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6195.000000	22.400000	---	320.000000	6183.650000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6195.000000	6206.050000	---	-2.3	PASS

26 dB Bandwidth



Bandwidth



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

Result

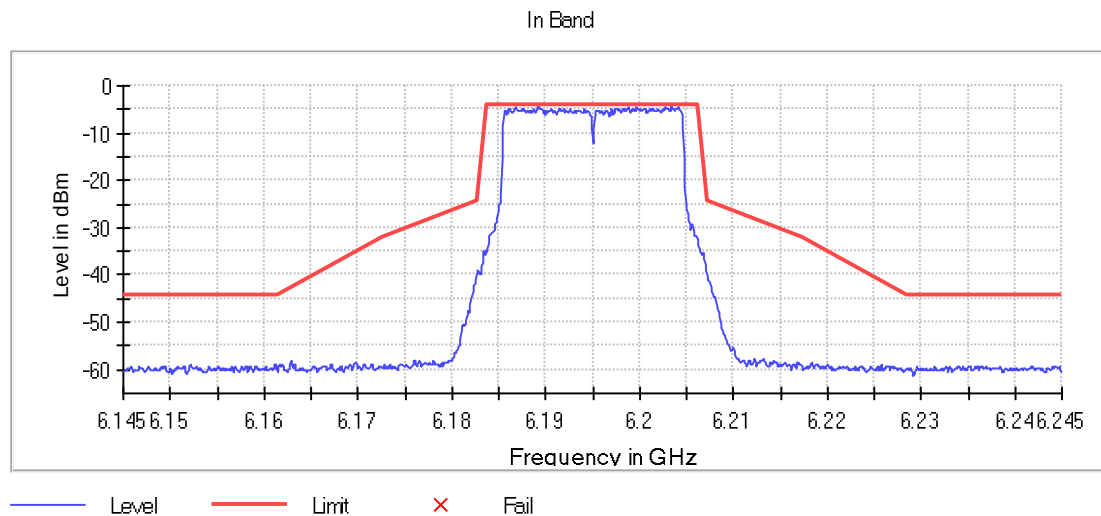
DUT Frequency (MHz)	Result
6195.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6203.450000	-4.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6204.150000	-4.5	0.2	-4.3	PASS
6186.850000	-4.5	0.3	-4.3	PASS
6189.150000	-4.6	0.3	-4.3	PASS
6199.650000	-4.6	0.4	-4.3	PASS
6189.250000	-4.6	0.4	-4.3	PASS
6202.750000	-4.7	0.4	-4.3	PASS
6198.850000	-4.7	0.4	-4.3	PASS
6202.950000	-4.7	0.4	-4.3	PASS
6203.950000	-4.7	0.4	-4.3	PASS
6200.450000	-4.7	0.4	-4.3	PASS
6186.950000	-4.7	0.4	-4.3	PASS
6203.350000	-4.7	0.4	-4.3	PASS
6187.550000	-4.7	0.5	-4.3	PASS
6201.450000	-4.8	0.5	-4.3	PASS
6200.550000	-4.8	0.5	-4.3	PASS

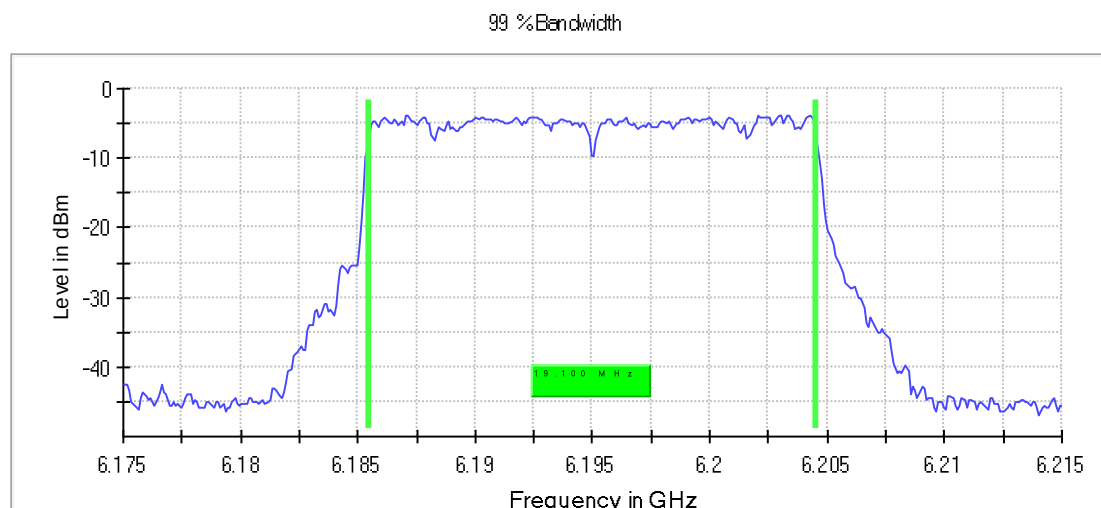


Occupied Channel Bandwidth 99% (6195 MHz; 24.000 dBm; 20 MHz)

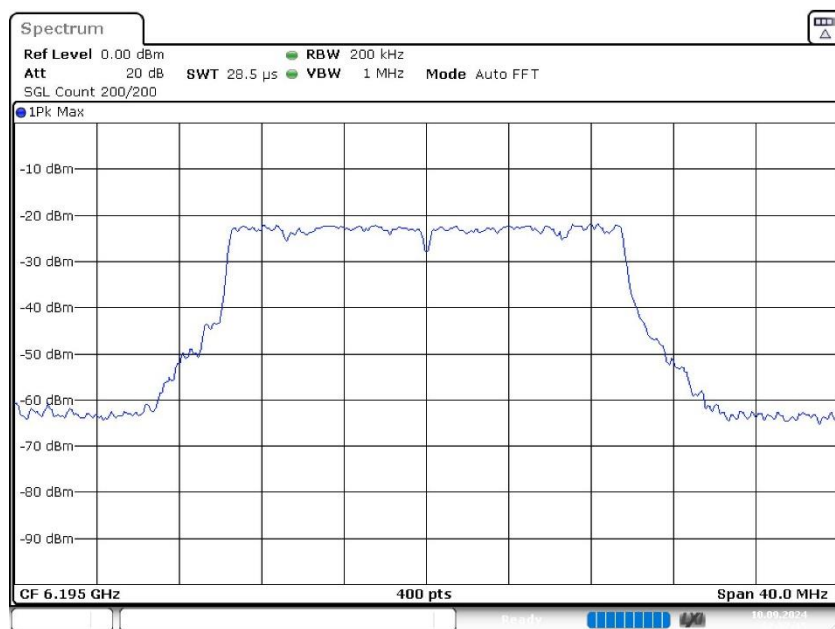
99 % Bandwidth

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

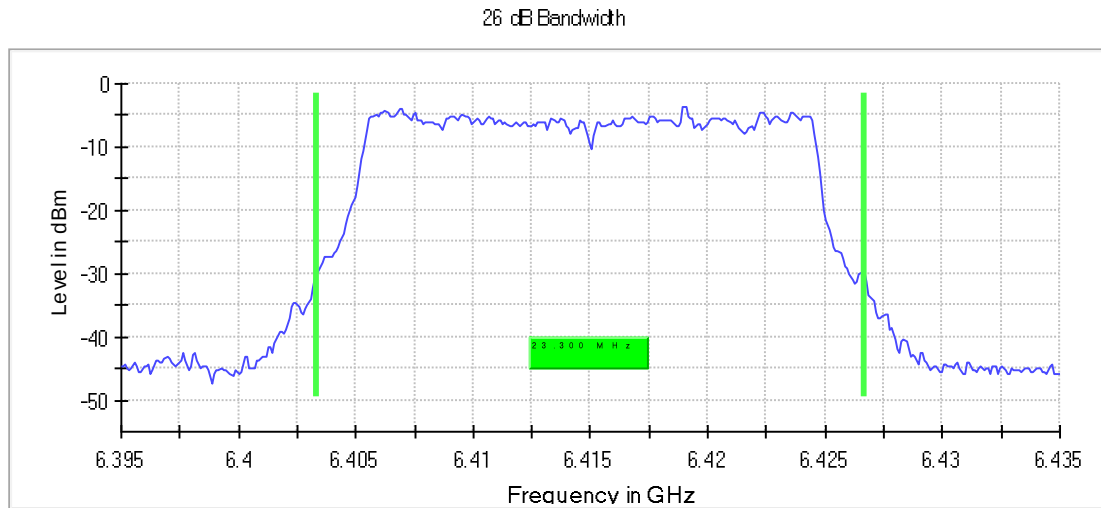
Setting	Instrument Value	Target Value
Start Frequency	6.17500 GHz	6.17500 GHz
Stop Frequency	6.21500 GHz	6.21500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	28.477 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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

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

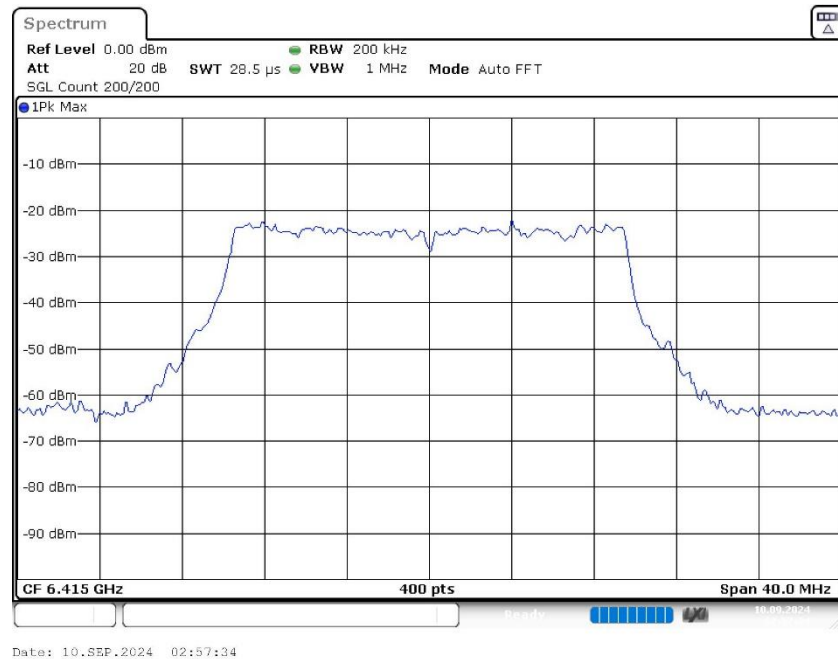
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6415.000000	23.300000	---	320.000000	6403.350000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6415.000000	6426.650000	---	-3.7	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6415.000000	PASS

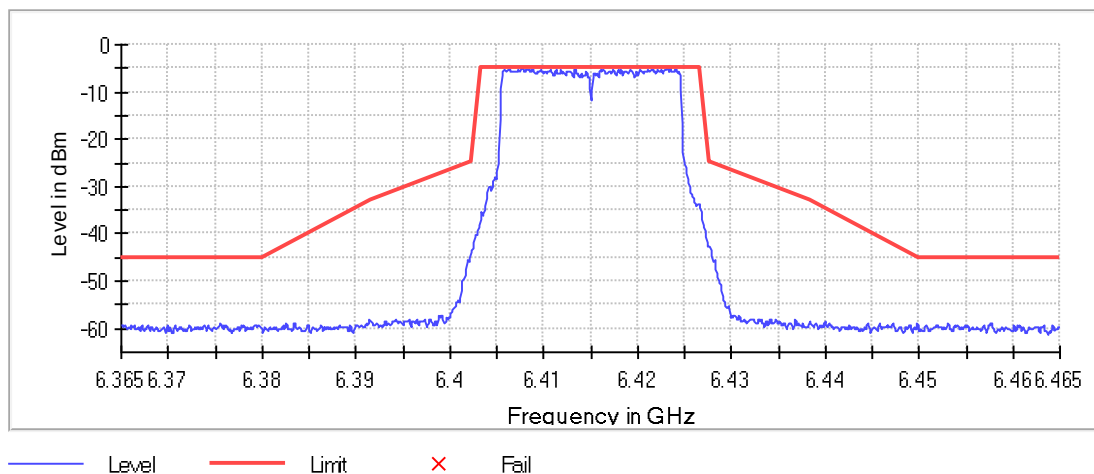
Inband Peak

Frequency (MHz)	Level (dBm)
6423.150000	-4.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6423.550000	-4.9	0.0	-4.9	PASS
6407.650000	-5.0	0.0	-4.9	PASS
6407.750000	-5.0	0.1	-4.9	PASS
6418.250000	-5.1	0.2	-4.9	PASS
6423.450000	-5.1	0.2	-4.9	PASS
6423.250000	-5.2	0.2	-4.9	PASS
6416.050000	-5.2	0.2	-4.9	PASS
6406.350000	-5.2	0.3	-4.9	PASS
6410.750000	-5.2	0.3	-4.9	PASS
6408.750000	-5.2	0.3	-4.9	PASS
6413.350000	-5.2	0.3	-4.9	PASS
6421.150000	-5.3	0.3	-4.9	PASS
6416.350000	-5.3	0.3	-4.9	PASS
6408.450000	-5.3	0.3	-4.9	PASS
6417.950000	-5.3	0.4	-4.9	PASS

In Band

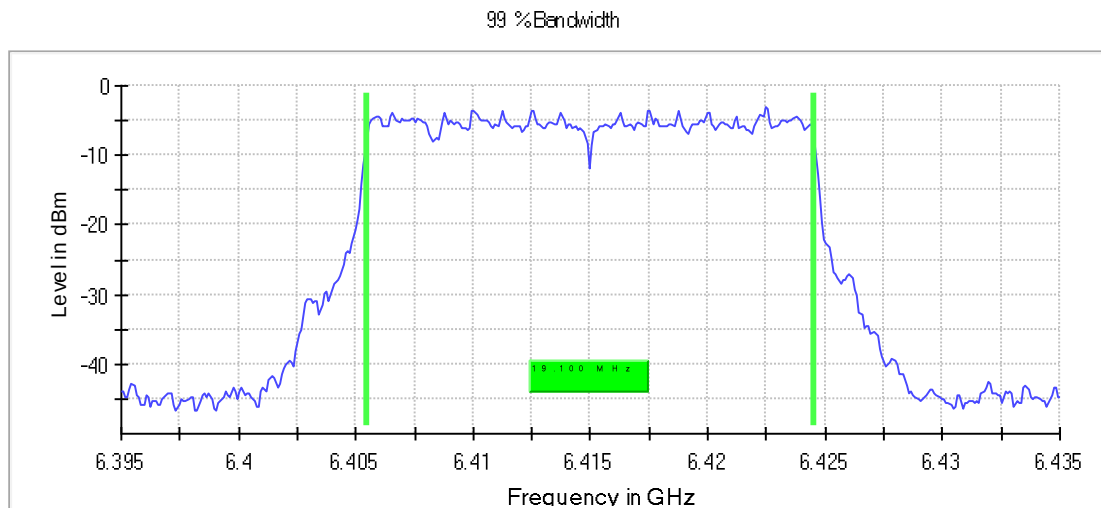


Occupied Channel Bandwidth 99% (6415 MHz; 24.000 dBm; 20 MHz)

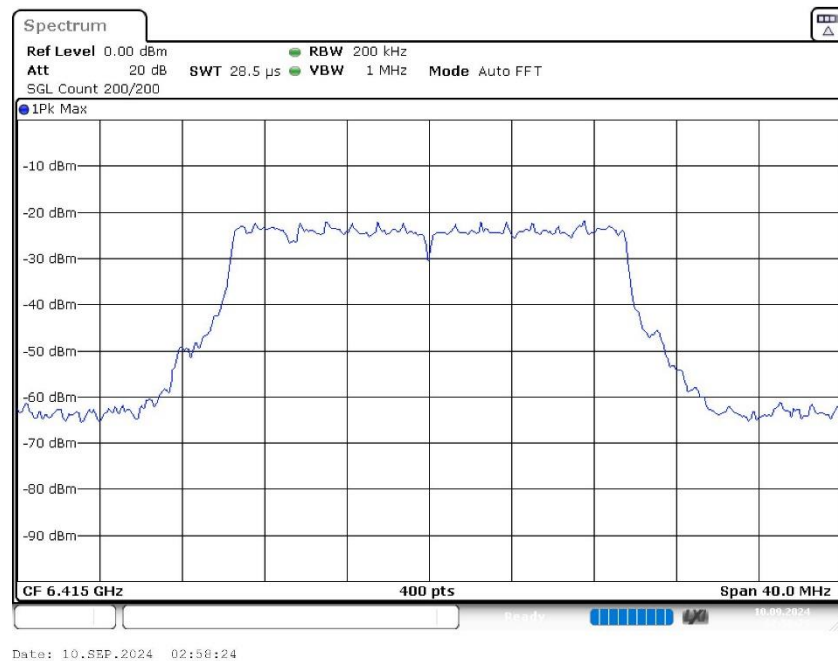
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6415.000000	19.100000	---	320.000000	6405.450000	5925.000000

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



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.39500 GHz	6.39500 GHz
Stop Frequency	6.43500 GHz	6.43500 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
Sweptime	28.477 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

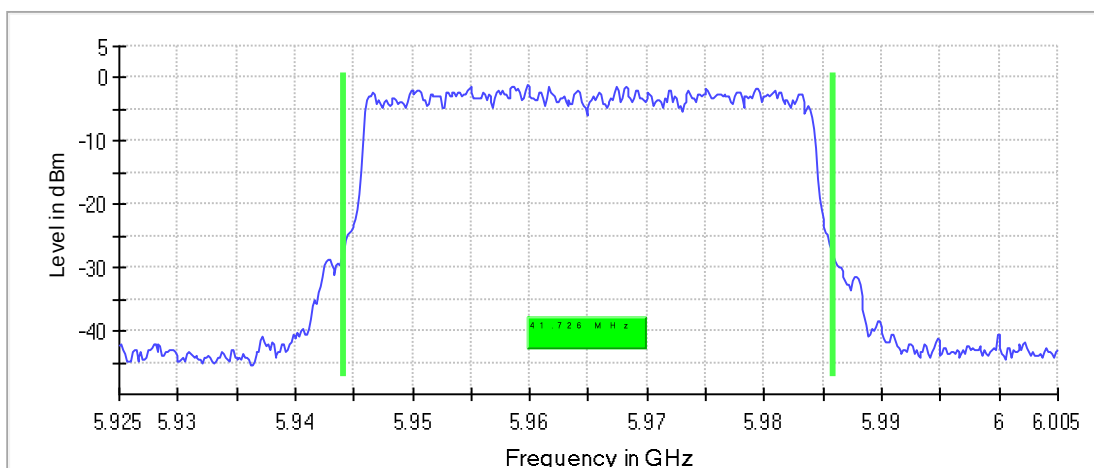
Emission Bandwidth 26 dB (5965 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

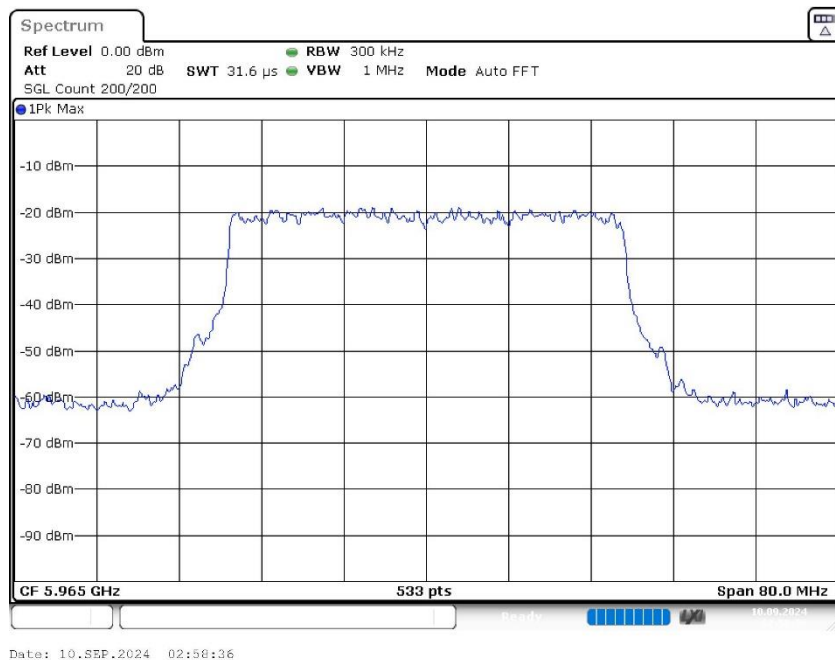
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5965.000000	41.726078	---	320.000000	5944.136961	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
5965.000000	5985.863039	---	-1.2	PASS

26 dB Bandwidth



Bandwidth



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

Result

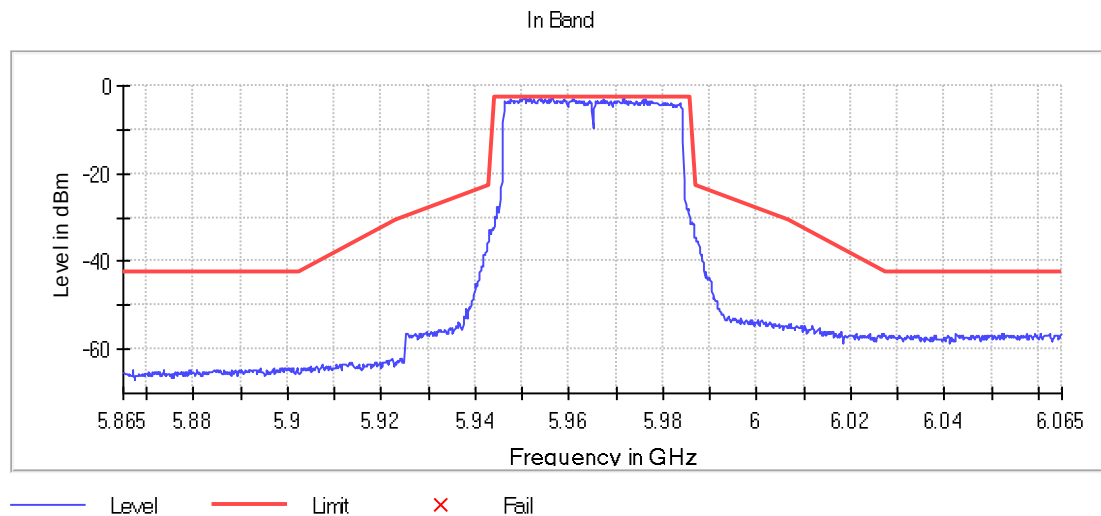
DUT Frequency (MHz)	Result
5965.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
5951.646662	-2.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5951.646662	-2.6	0.0	-2.6	PASS
5950.596399	-2.6	0.1	-2.6	PASS
5971.601650	-2.7	0.1	-2.6	PASS
5951.796699	-2.7	0.1	-2.6	PASS
5956.297824	-2.7	0.2	-2.6	PASS
5956.447862	-2.8	0.2	-2.6	PASS
5952.546887	-2.9	0.3	-2.6	PASS
5952.396849	-2.9	0.3	-2.6	PASS
5951.196549	-2.9	0.4	-2.6	PASS
5960.948987	-3.0	0.4	-2.6	PASS
5951.046512	-3.0	0.4	-2.6	PASS
5971.751688	-3.0	0.5	-2.6	PASS
5950.446362	-3.0	0.5	-2.6	PASS
5956.147787	-3.0	0.5	-2.6	PASS
5955.547637	-3.1	0.5	-2.6	PASS

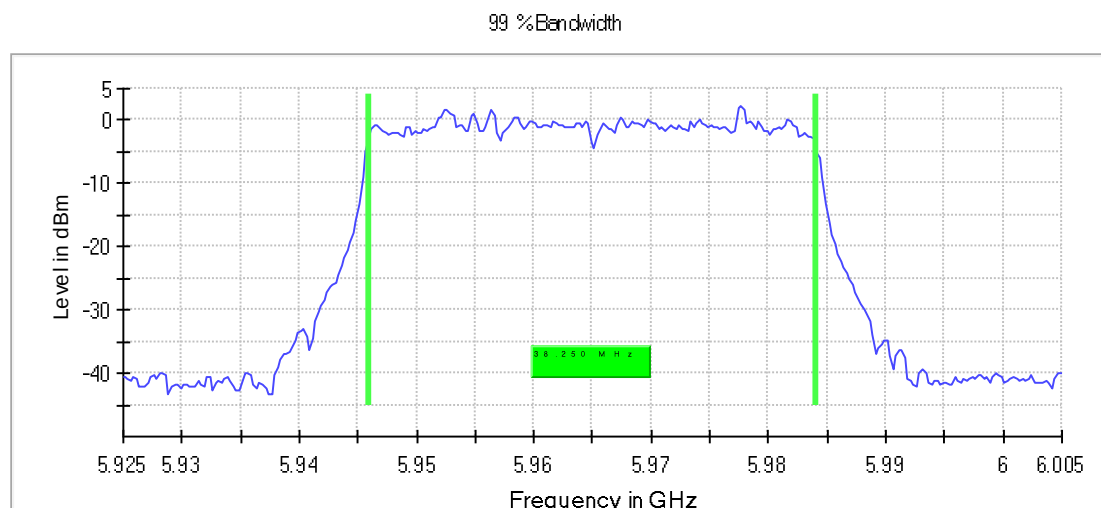


Occupied Channel Bandwidth 99% (5965 MHz; 24.000 dBm; 40 MHz)

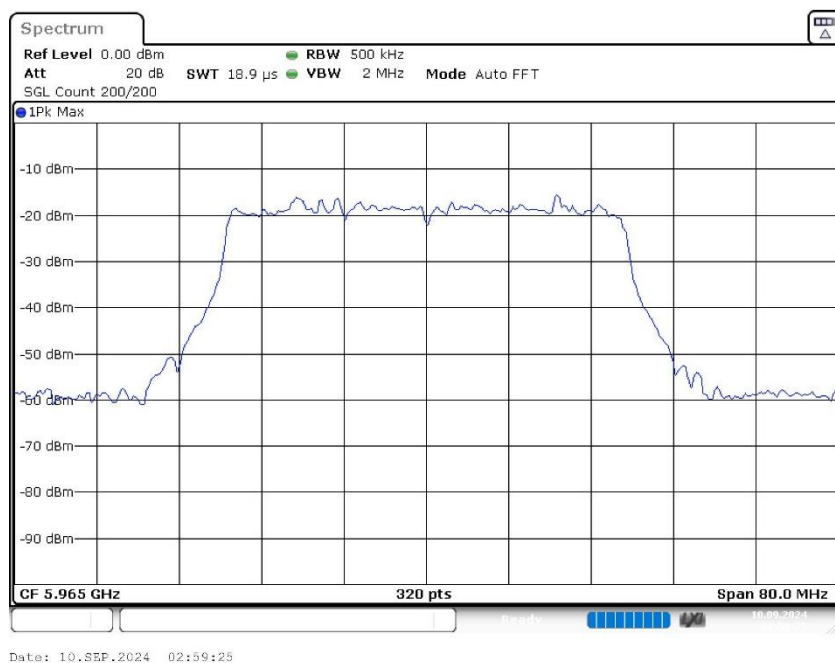
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5965.000000	38.250000	---	320.000000	5945.875000	5925.000000

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



Bandwidth



Measurement

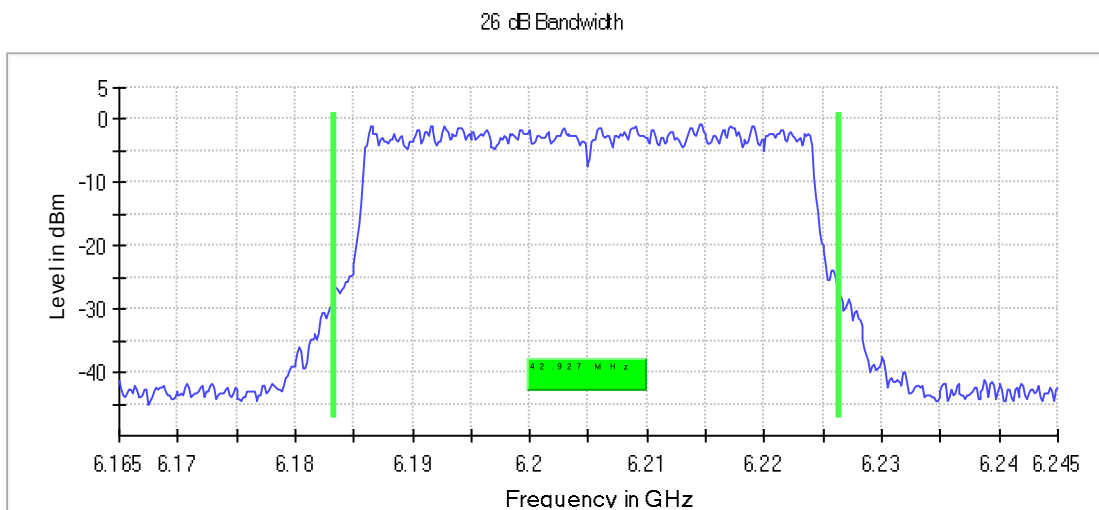
Setting	Instrument Value	Target Value
Start Frequency	5.92500 GHz	5.92500 GHz
Stop Frequency	6.00500 GHz	6.00500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	18.906 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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

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

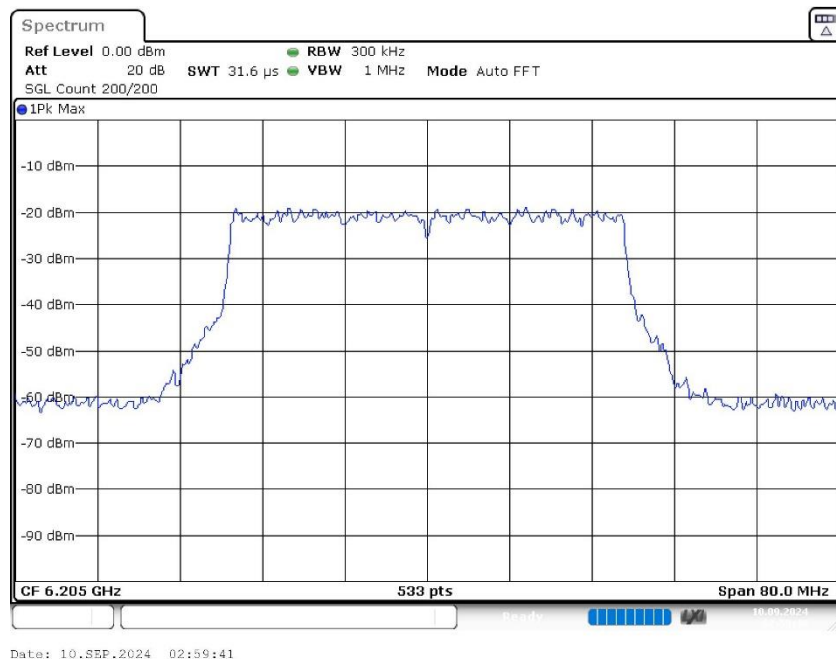
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6205.000000	42.926829	---	320.000000	6183.386492	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6205.000000	6226.313321	---	-0.9	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6205.000000	PASS

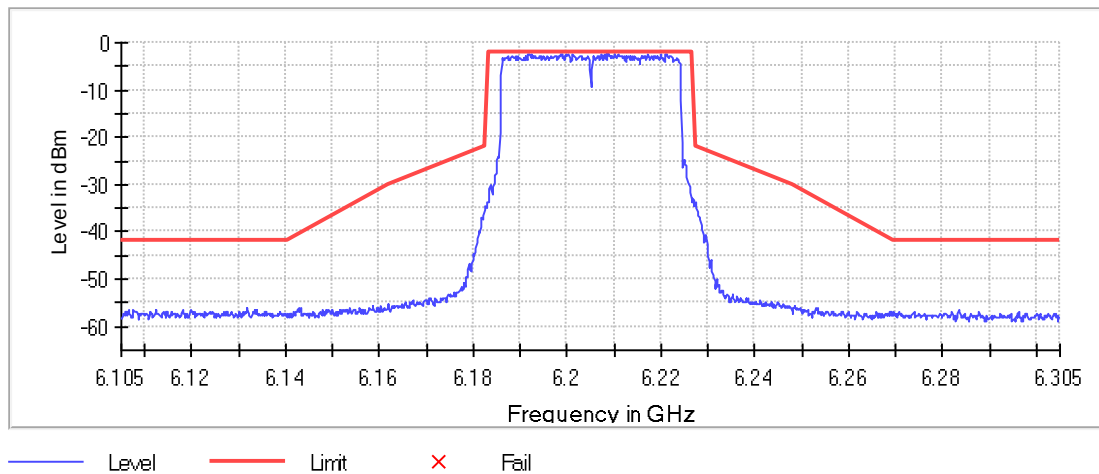
Inband Peak

Frequency (MHz)	Level (dBm)
6208.600900	-1.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6210.851463	-2.2	0.3	-1.9	PASS
6208.750938	-2.3	0.4	-1.9	PASS
6211.001500	-2.3	0.4	-1.9	PASS
6191.796699	-2.3	0.4	-1.9	PASS
6221.204051	-2.4	0.5	-1.9	PASS
6200.348837	-2.5	0.6	-1.9	PASS
6217.303076	-2.5	0.6	-1.9	PASS
6192.546887	-2.5	0.6	-1.9	PASS
6208.000750	-2.5	0.6	-1.9	PASS
6219.853713	-2.5	0.6	-1.9	PASS
6208.900975	-2.5	0.6	-1.9	PASS
6200.198800	-2.5	0.7	-1.9	PASS
6221.054014	-2.6	0.7	-1.9	PASS
6199.748687	-2.6	0.7	-1.9	PASS
6192.096774	-2.6	0.7	-1.9	PASS

In Band

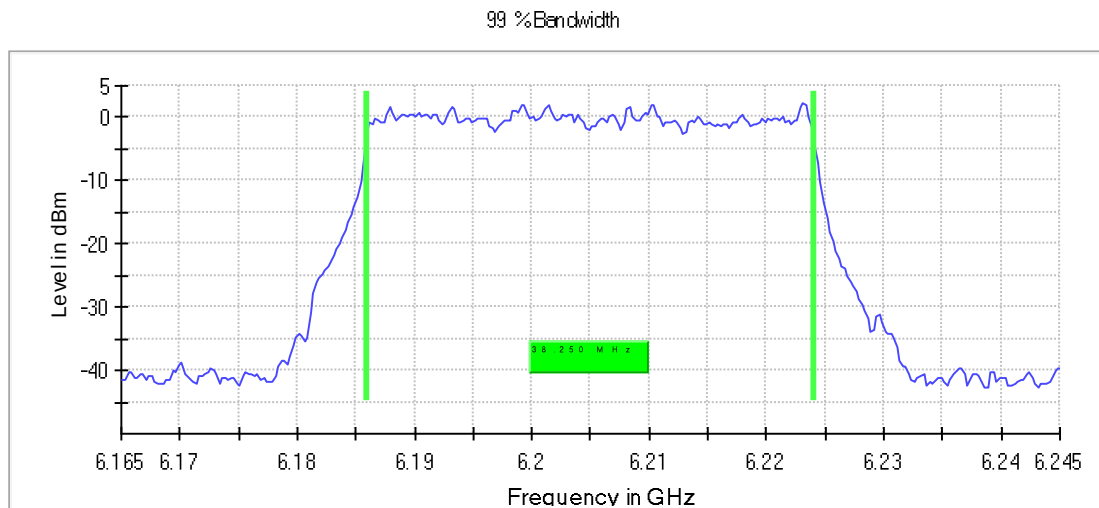


Occupied Channel Bandwidth 99% (6205 MHz; 24.000 dBm; 40 MHz)

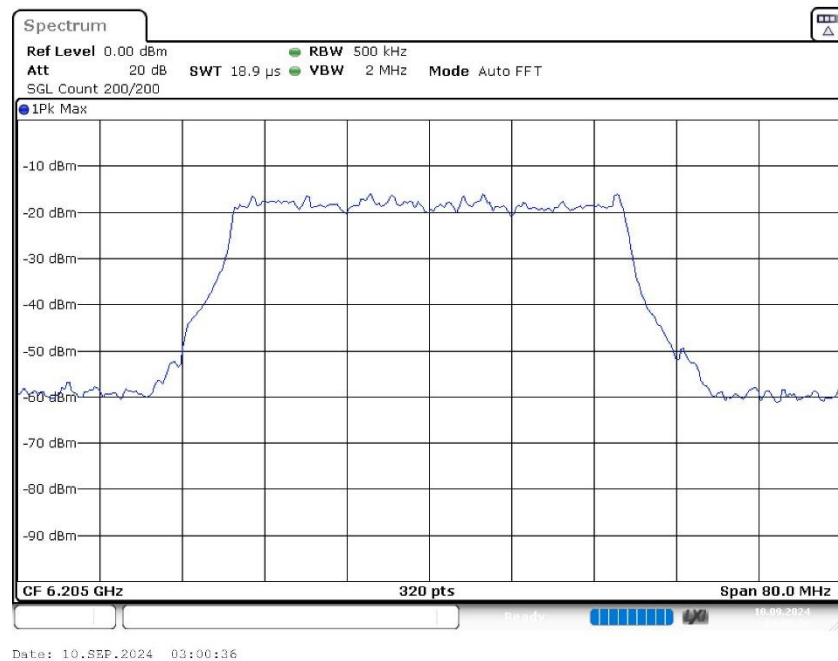
99 % Bandwidth

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



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.16500 GHz	6.16500 GHz
Stop Frequency	6.24500 GHz	6.24500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	≥ 400.000 kHz
VBW	2.000 MHz	≥ 1.500 MHz
SweepPoints	320	~ 320
Sweptime	18.906 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
Preamplifier	off	off

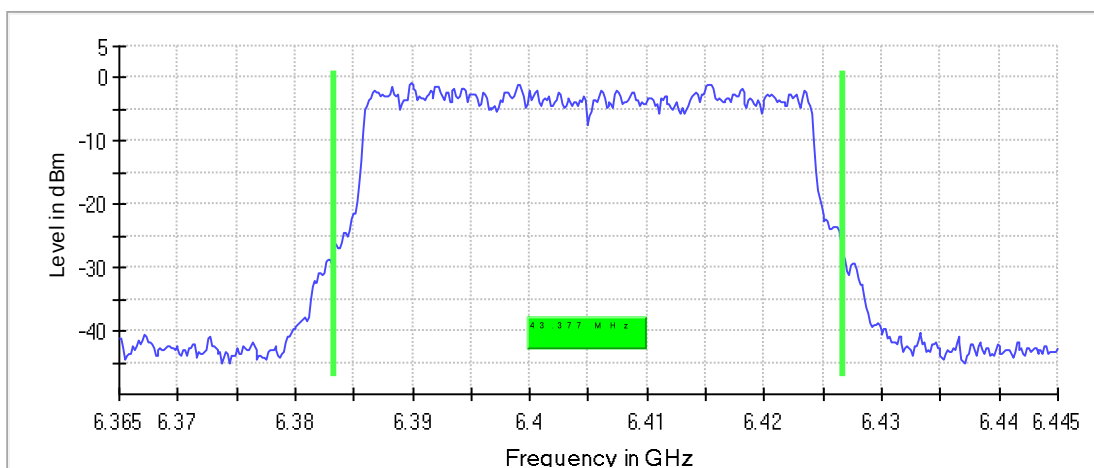
Emission Bandwidth 26 dB (6405 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

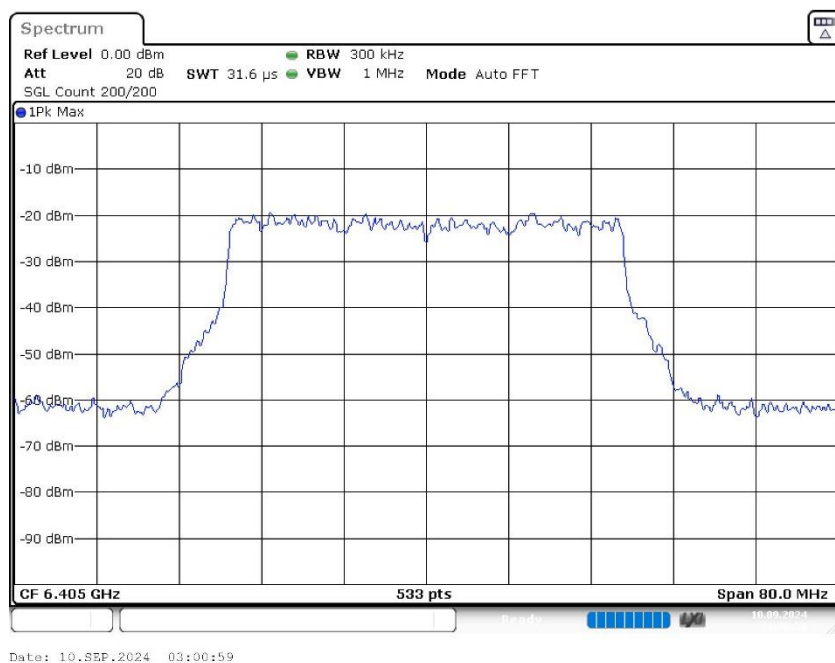
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6405.000000	43.377110	---	320.000000	6383.236398	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6405.000000	6426.613508	---	-0.8	PASS

26 dB Bandwidth



Bandwidth



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

Result

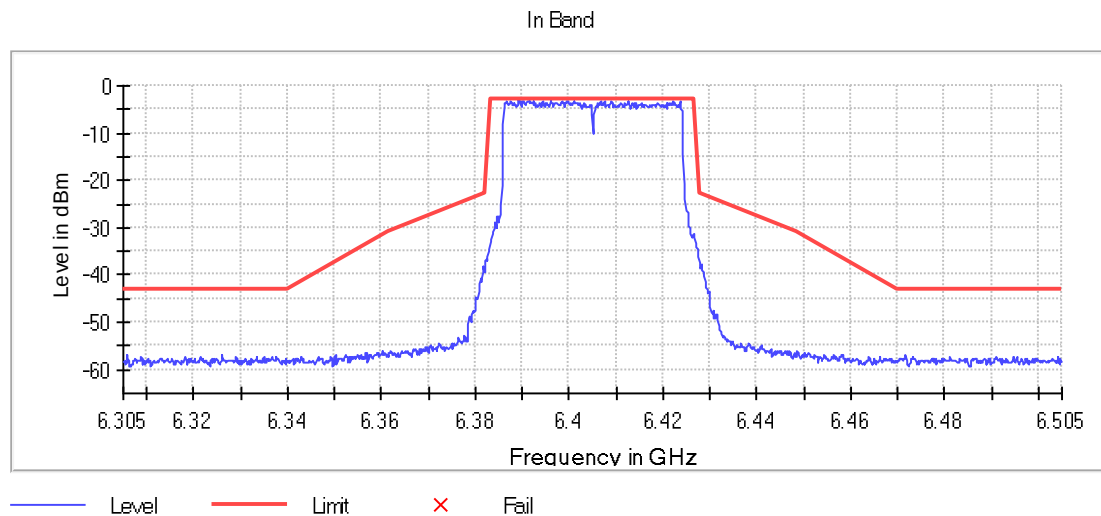
DUT Frequency (MHz)	Result
6405.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6396.147787	-3.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6389.246062	-3.0	0.1	-3.0	PASS
6390.296324	-3.1	0.1	-3.0	PASS
6389.096024	-3.1	0.2	-3.0	PASS
6394.347337	-3.2	0.2	-3.0	PASS
6386.845461	-3.2	0.2	-3.0	PASS
6391.496624	-3.2	0.2	-3.0	PASS
6392.396849	-3.2	0.3	-3.0	PASS
6401.099025	-3.2	0.3	-3.0	PASS
6391.796699	-3.2	0.3	-3.0	PASS
6390.146287	-3.3	0.3	-3.0	PASS
6423.604651	-3.3	0.3	-3.0	PASS
6407.550638	-3.3	0.3	-3.0	PASS
6391.196549	-3.3	0.4	-3.0	PASS
6399.598650	-3.3	0.4	-3.0	PASS
6406.650413	-3.3	0.4	-3.0	PASS

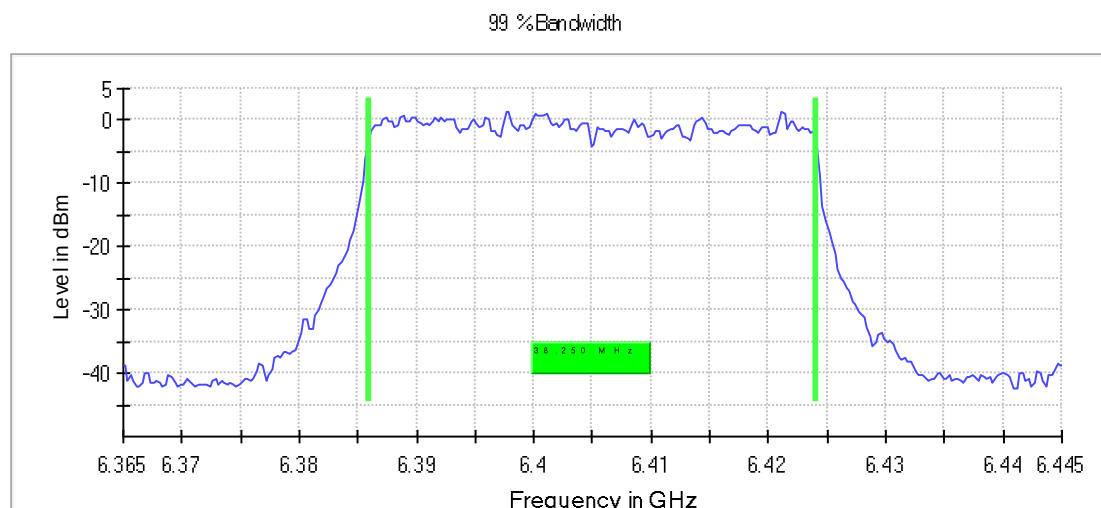


Occupied Channel Bandwidth 99% (6405 MHz; 24.000 dBm; 40 MHz)

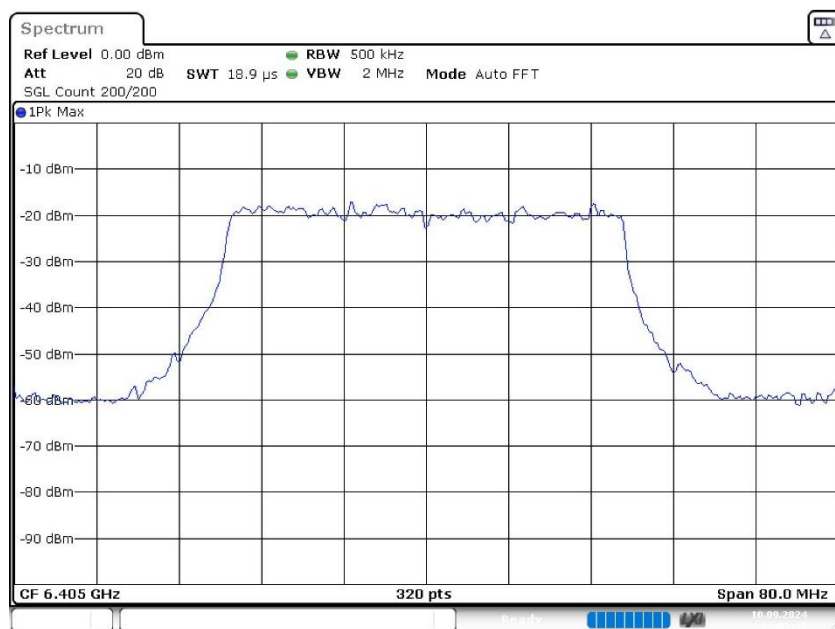
99 % Bandwidth

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



Bandwidth



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Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.36500 GHz	6.36500 GHz
Stop Frequency	6.44500 GHz	6.44500 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
SweepTime	18.906 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

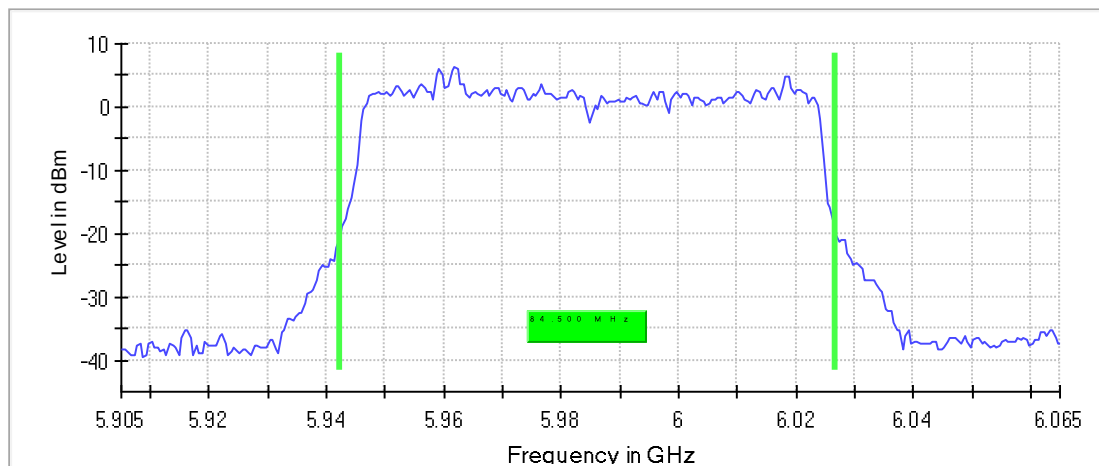
Emission Bandwidth 26 dB (5985 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

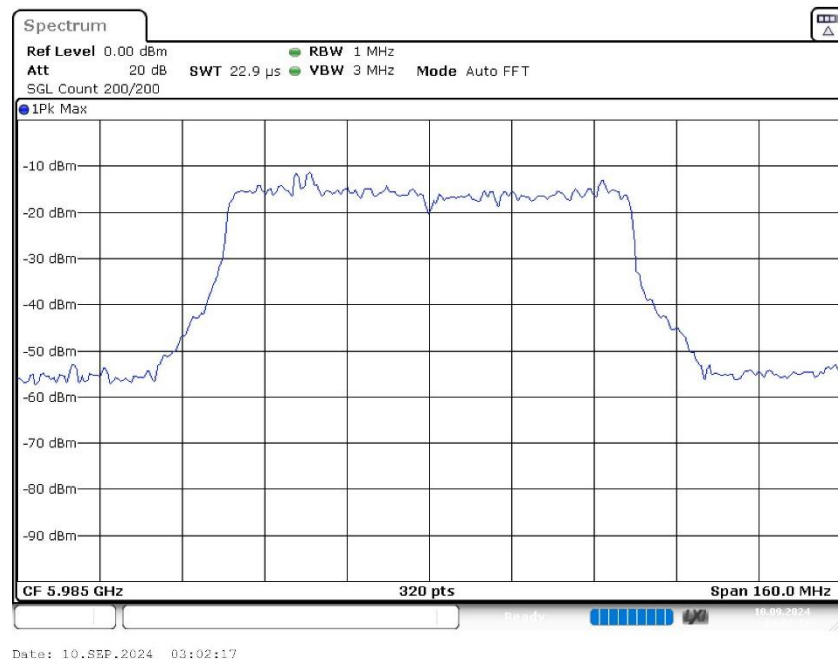
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
5985.000000	84.500000	---	320.000000	5942.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
5985.000000	6026.750000	---	6.4	PASS

26 dB Bandwidth



Bandwidth



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

Result

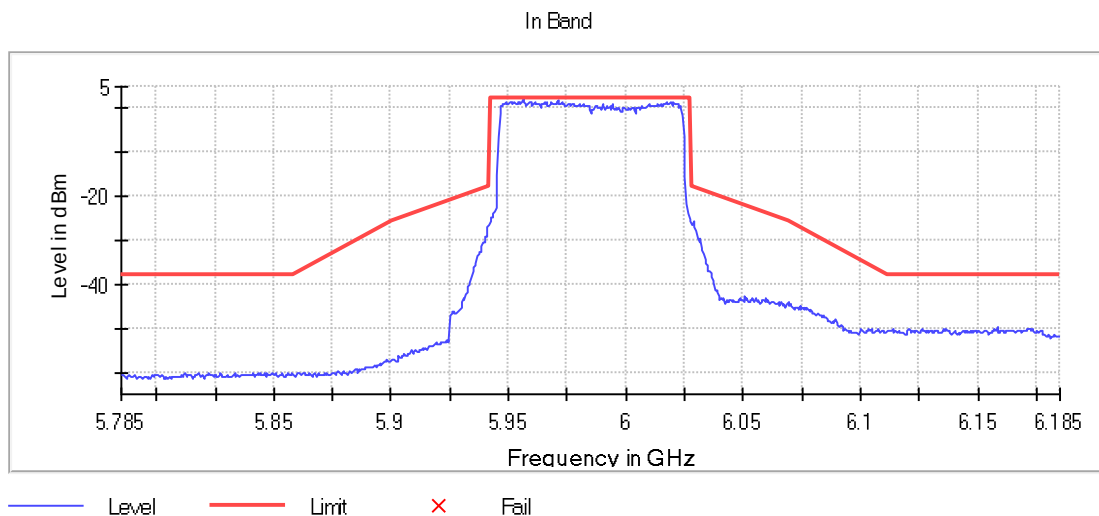
DUT Frequency (MHz)	Result
5985.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
5956.250000	2.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5956.250000	2.2	0.0	2.2	PASS
5971.250000	1.8	0.4	2.2	PASS
5952.750000	1.6	0.6	2.2	PASS
5966.250000	1.6	0.6	2.2	PASS
5954.750000	1.6	0.6	2.2	PASS
5970.750000	1.5	0.6	2.2	PASS
5955.750000	1.5	0.7	2.2	PASS
5954.250000	1.5	0.7	2.2	PASS
5968.250000	1.5	0.7	2.2	PASS
5959.750000	1.5	0.7	2.2	PASS
6019.250000	1.4	0.7	2.2	PASS
5951.250000	1.4	0.7	2.2	PASS
5950.750000	1.4	0.7	2.2	PASS
5958.750000	1.4	0.8	2.2	PASS
5965.250000	1.4	0.8	2.2	PASS

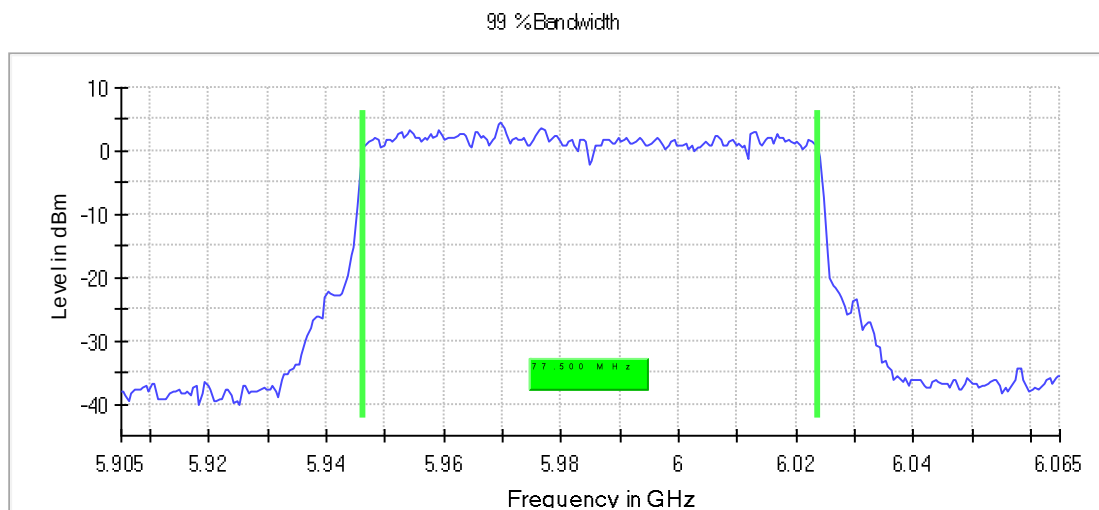


Occupied Channel Bandwidth 99% (5985 MHz; 24.000 dBm; 80 MHz)

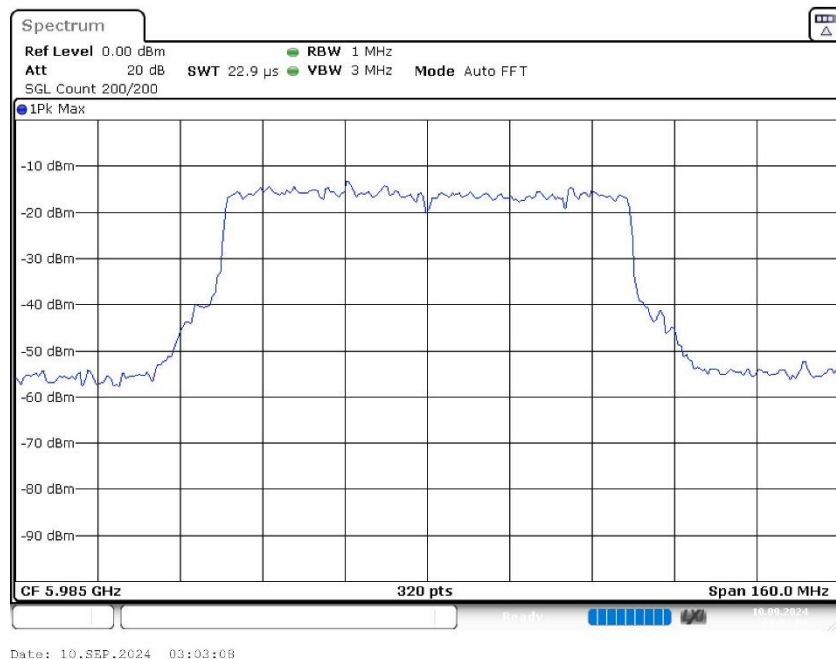
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
5985.000000	77.500000	---	320.000000	5946.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
5985.000000	6023.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.90500 GHz	5.90500 GHz
Stop Frequency	6.06500 GHz	6.06500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 800.000 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
Sweptime	22.875 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

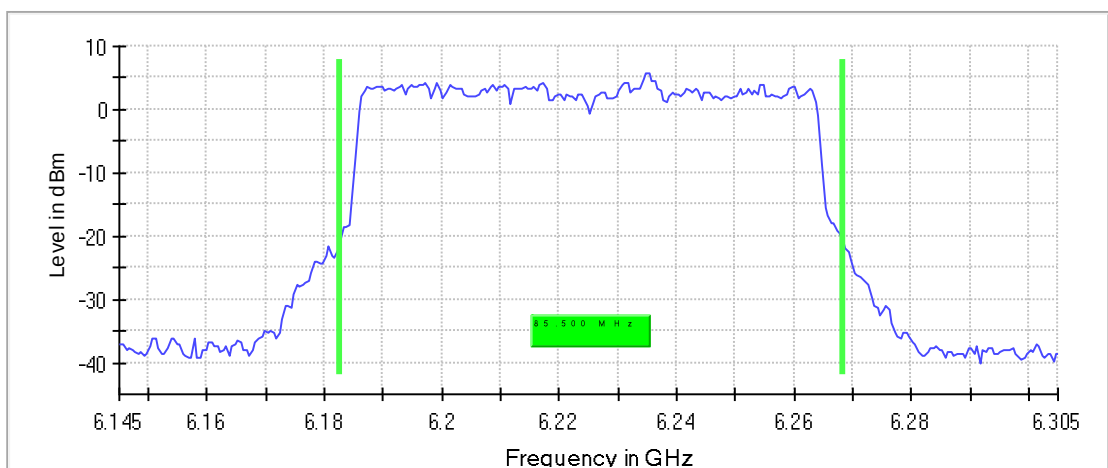
Emission Bandwidth 26 dB (6225 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

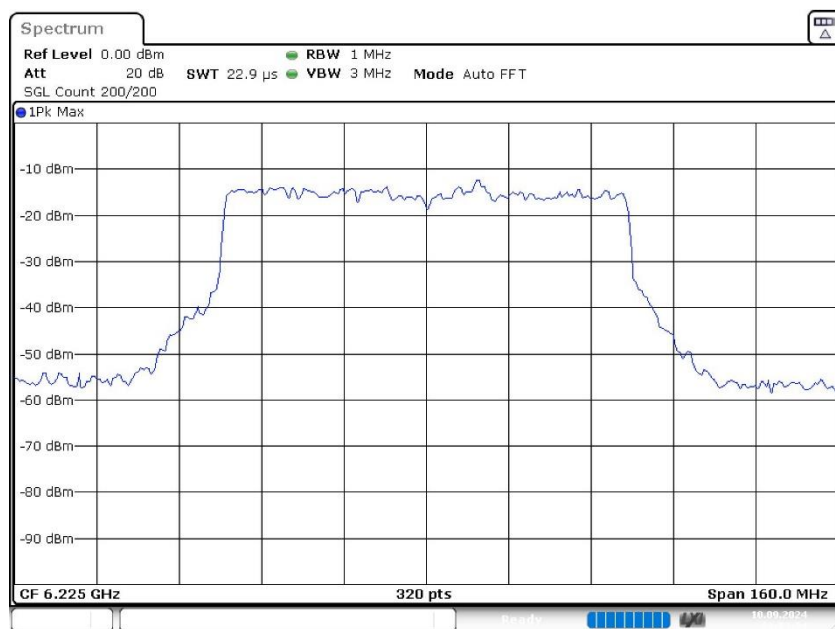
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6225.000000	85.500000	---	320.000000	6182.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6225.000000	6268.250000	---	5.8	PASS

26 dB Bandwidth



Bandwidth



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

Result

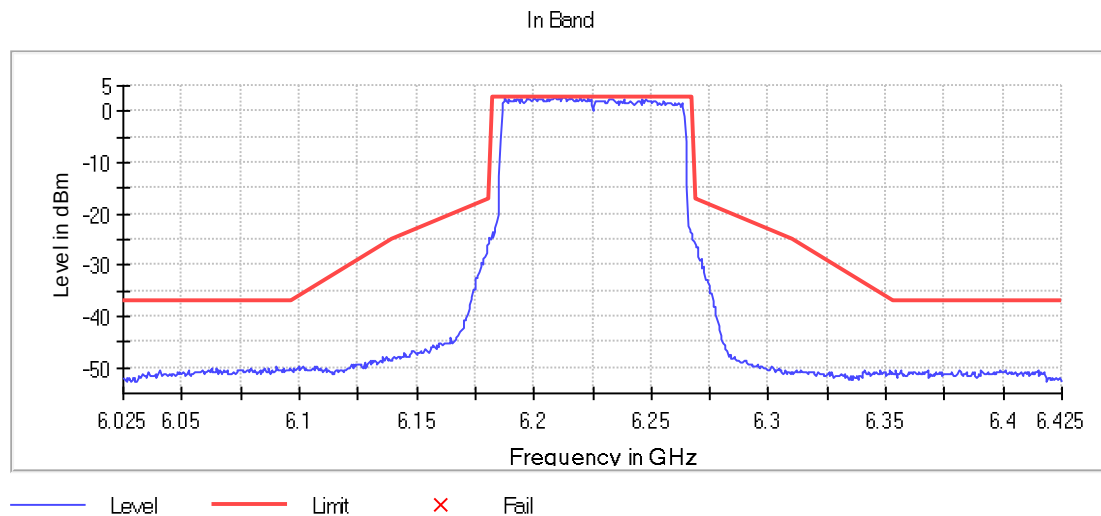
DUT Frequency (MHz)	Result
6225.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6200.250000	2.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6200.250000	2.9	0.0	2.9	PASS
6210.750000	2.9	0.0	2.9	PASS
6208.750000	2.8	0.1	2.9	PASS
6209.250000	2.8	0.1	2.9	PASS
6212.250000	2.7	0.2	2.9	PASS
6212.750000	2.7	0.2	2.9	PASS
6187.750000	2.7	0.2	2.9	PASS
6213.250000	2.7	0.2	2.9	PASS
6223.250000	2.7	0.3	2.9	PASS
6197.250000	2.6	0.3	2.9	PASS
6215.750000	2.6	0.3	2.9	PASS
6219.750000	2.6	0.3	2.9	PASS
6205.750000	2.5	0.4	2.9	PASS
6214.750000	2.5	0.4	2.9	PASS
6218.250000	2.5	0.4	2.9	PASS

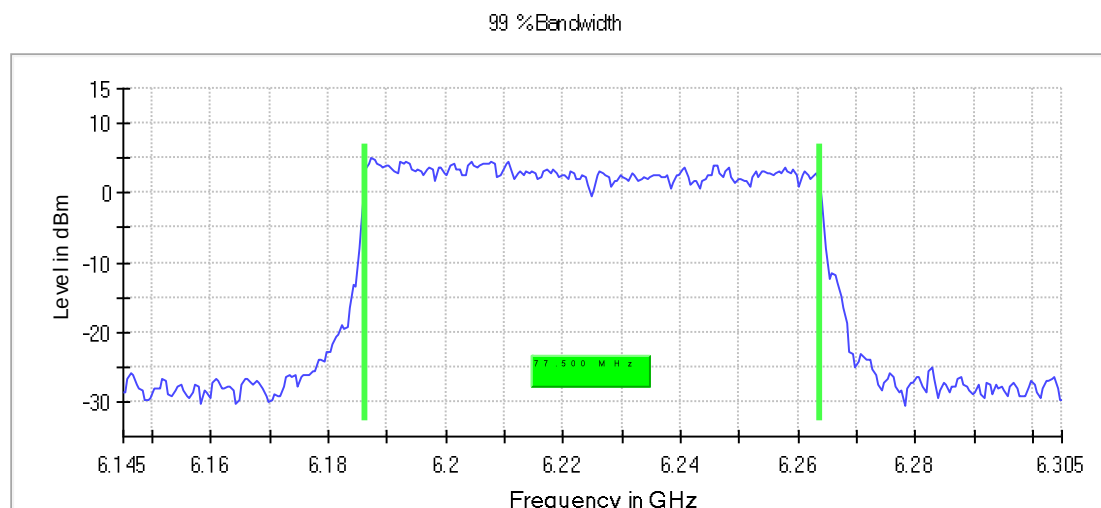


Occupied Channel Bandwidth 99% (6225 MHz; 24.000 dBm; 80 MHz)

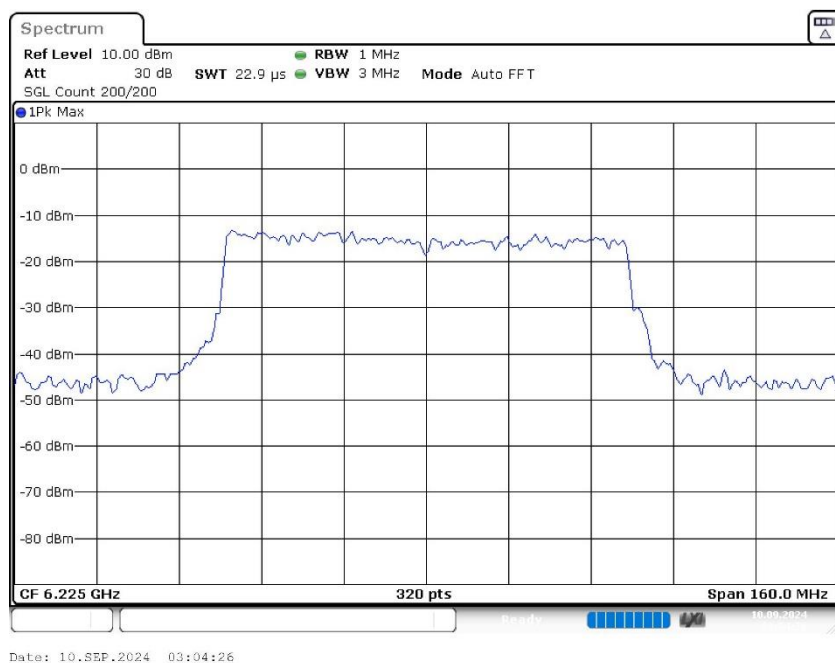
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6225.000000	77.500000	---	320.000000	6186.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6225.000000	6263.750000	7125.000000	PASS



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.14500 GHz	6.14500 GHz
Stop Frequency	6.30500 GHz	6.30500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 800.000 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
SweepTime	22.875 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

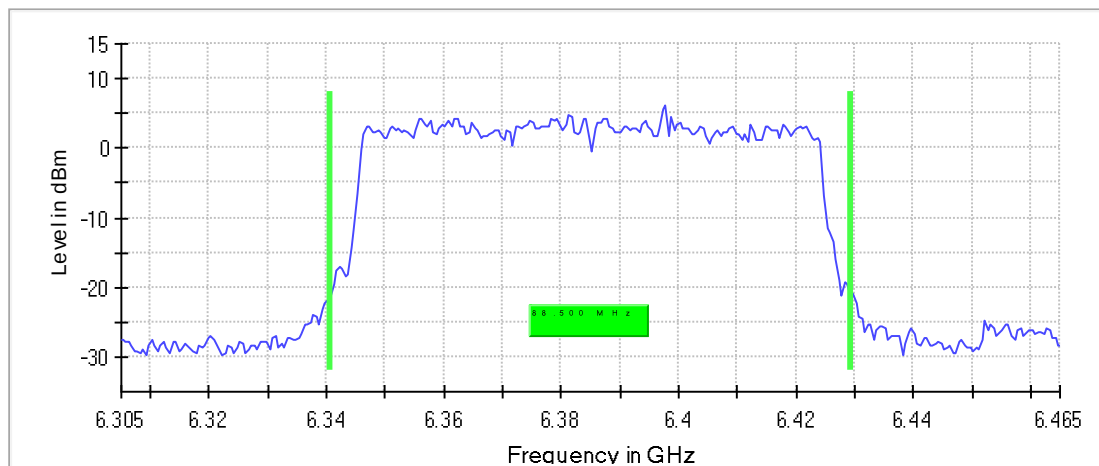
Emission Bandwidth 26 dB (6385 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

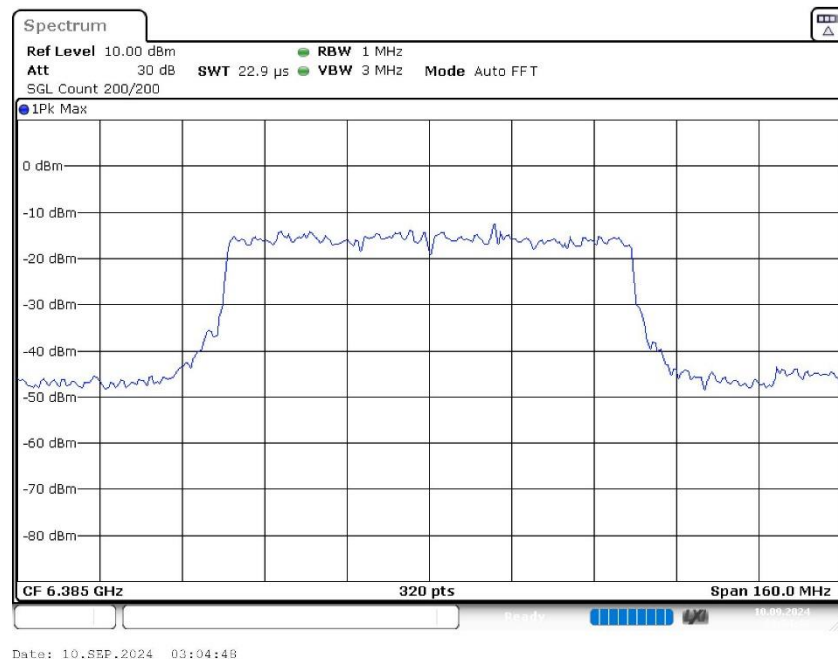
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6385.000000	88.500000	---	320.000000	6340.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6385.000000	6429.250000	---	6.0	PASS

26 dB Bandwidth



Bandwidth



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

Result

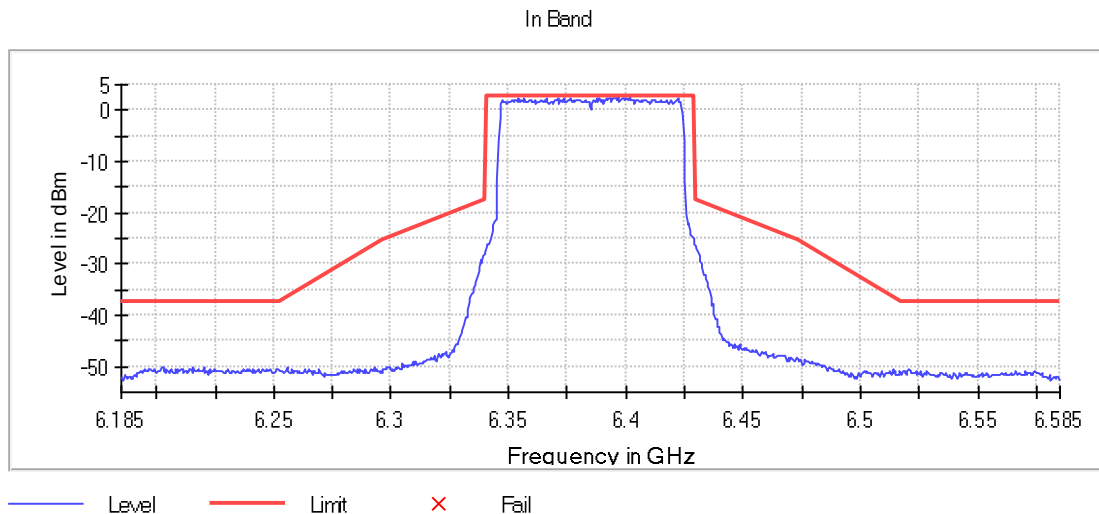
DUT Frequency (MHz)	Result
6385.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6401.750000	2.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6401.750000	2.6	0.0	2.6	PASS
6396.750000	2.6	0.0	2.6	PASS
6371.250000	2.5	0.1	2.6	PASS
6392.750000	2.5	0.1	2.6	PASS
6398.750000	2.4	0.2	2.6	PASS
6356.750000	2.4	0.2	2.6	PASS
6400.250000	2.4	0.2	2.6	PASS
6395.250000	2.4	0.2	2.6	PASS
6393.250000	2.3	0.3	2.6	PASS
6388.750000	2.3	0.3	2.6	PASS
6394.750000	2.3	0.3	2.6	PASS
6395.750000	2.3	0.4	2.6	PASS
6398.250000	2.3	0.4	2.6	PASS
6376.750000	2.2	0.4	2.6	PASS
6391.750000	2.2	0.4	2.6	PASS



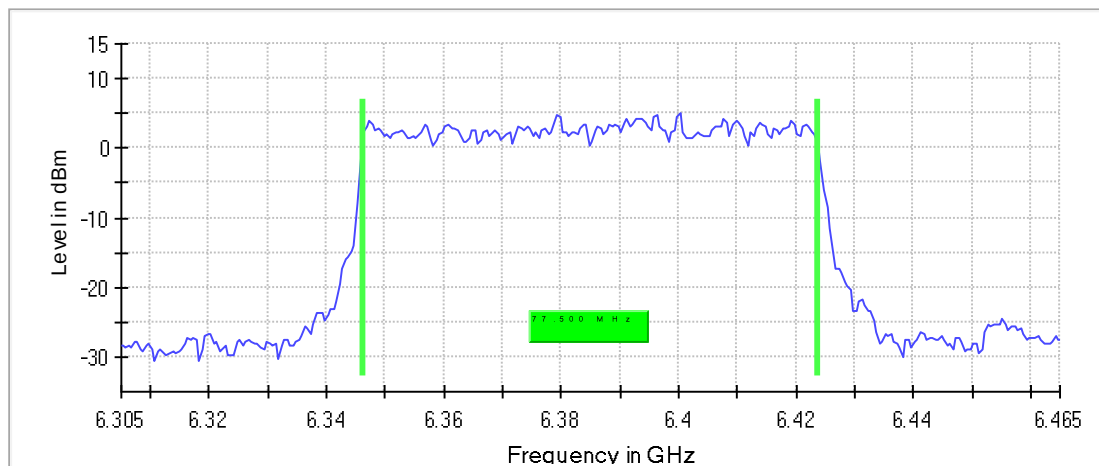
Occupied Channel Bandwidth 99% (6385 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

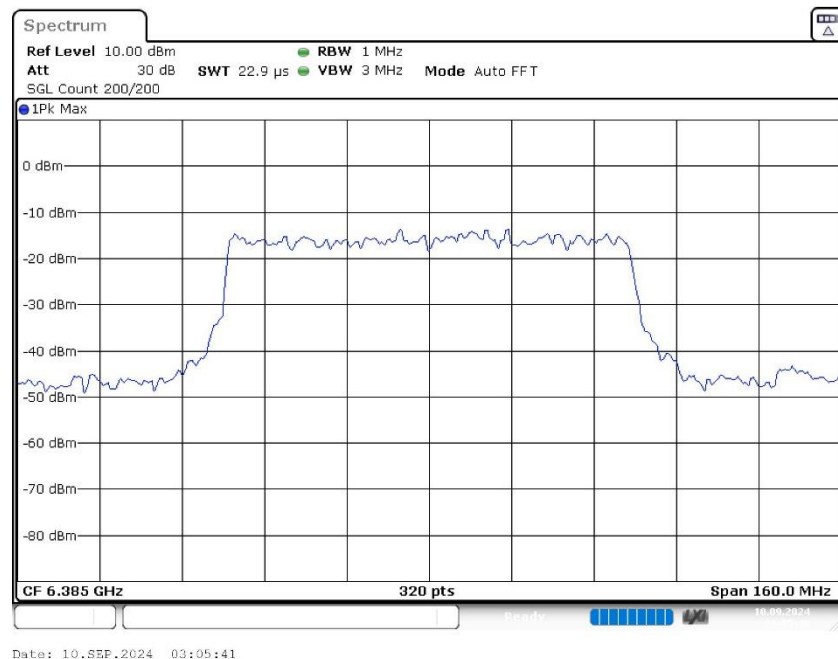
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6385.000000	77.500000	---	320.000000	6346.250000	5925.000000

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

99 %Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.30500 GHz	6.30500 GHz
Stop Frequency	6.46500 GHz	6.46500 GHz
Span	160.000 MHz	160.000 MHz
RBW	1.000 MHz	>= 800.000 kHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	320	~ 320
Sweptime	22.875 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

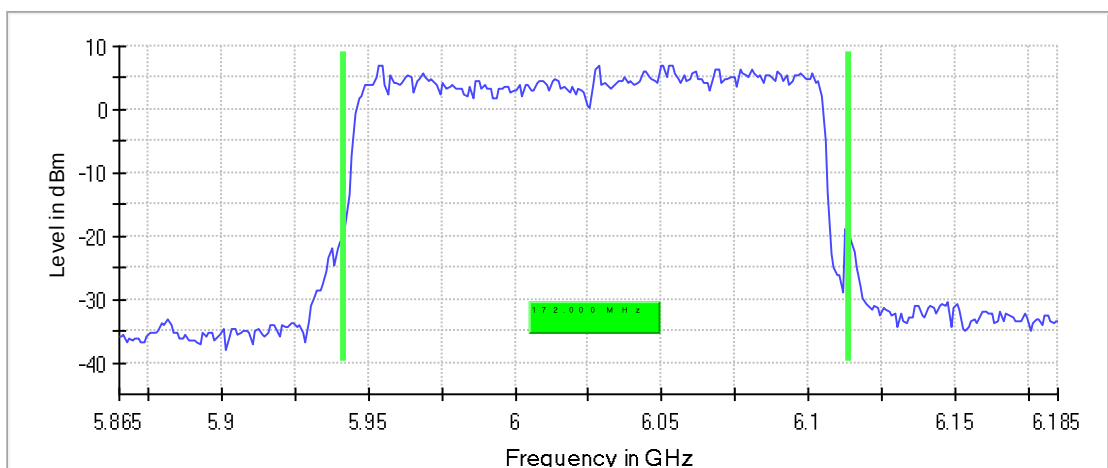
Emission Bandwidth 26 dB (6025 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

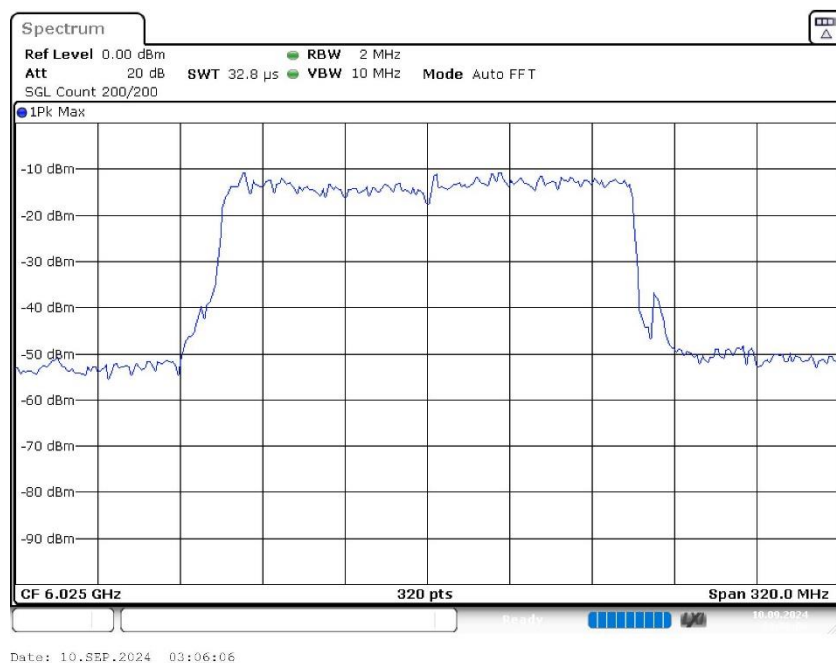
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6025.000000	172.000000	---	320.000000	5941.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6025.000000	6113.500000	---	7.0	PASS

26 dB Bandwidth



Bandwidth



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

Result

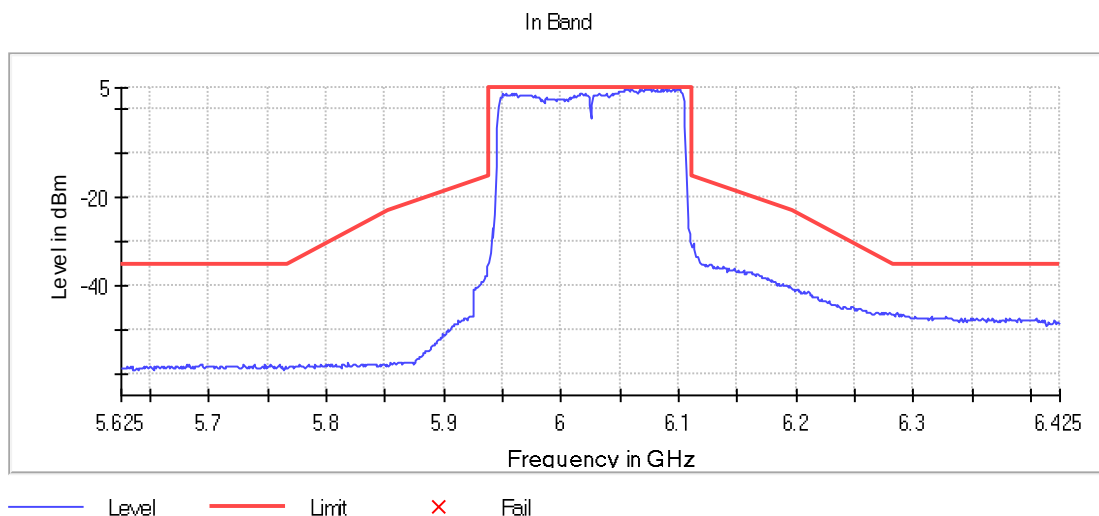
DUT Frequency (MHz)	Result
6025.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6071.500000	4.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6071.500000	4.8	0.0	4.8	PASS
6086.500000	4.8	0.0	4.8	PASS
6098.500000	4.7	0.1	4.8	PASS
6072.500000	4.7	0.1	4.8	PASS
6096.500000	4.7	0.1	4.8	PASS
6075.500000	4.7	0.1	4.8	PASS
6091.500000	4.7	0.1	4.8	PASS
6078.500000	4.7	0.1	4.8	PASS
6092.500000	4.6	0.2	4.8	PASS
6089.500000	4.6	0.2	4.8	PASS
6076.500000	4.6	0.2	4.8	PASS
6060.500000	4.5	0.3	4.8	PASS
6088.500000	4.5	0.3	4.8	PASS
6100.500000	4.5	0.3	4.8	PASS
6055.500000	4.5	0.3	4.8	PASS

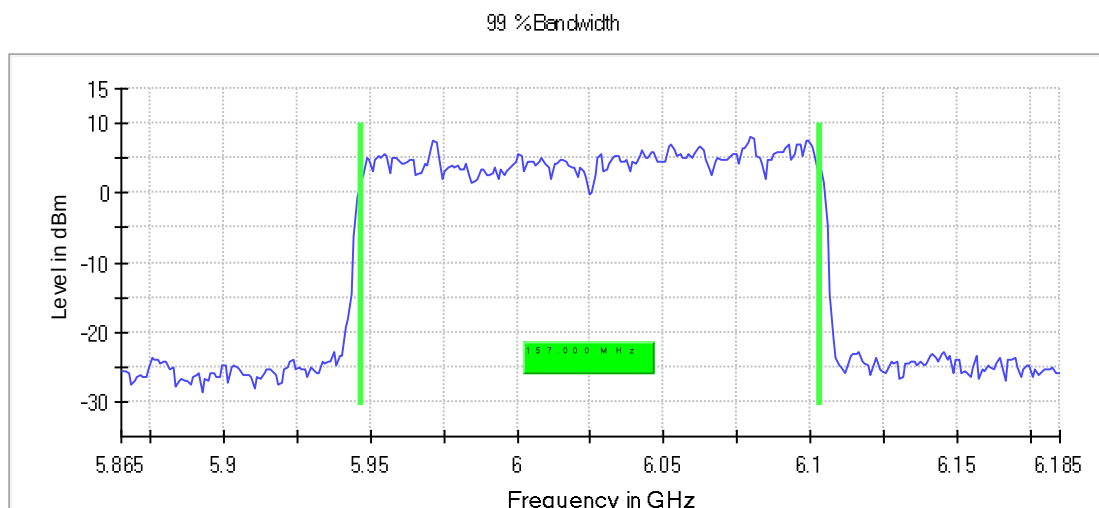


Occupied Channel Bandwidth 99% (6025 MHz; 24.000 dBm; 160 MHz)

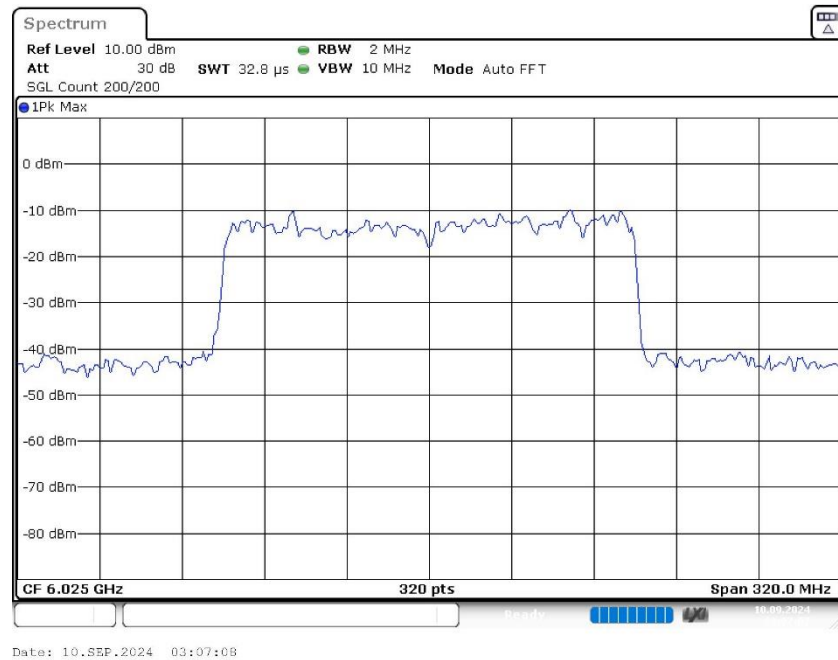
99 % Bandwidth

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



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.86500 GHz	5.86500 GHz
Stop Frequency	6.18500 GHz	6.18500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320
SweepTime	32.813 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

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

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

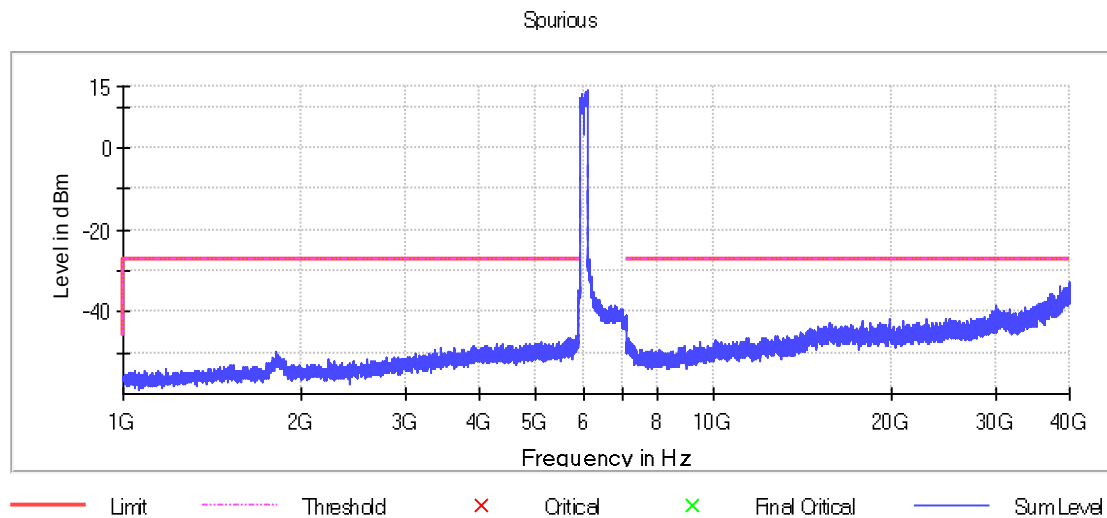
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5924.750000	-32.6	5.6	-27.0
39980.750000	-32.9	5.9	-27.0
39941.250000	-32.9	5.9	-27.0
39981.250000	-33.3	6.3	-27.0
39948.750000	-33.3	6.3	-27.0
5918.750000	-33.4	6.4	-27.0
39939.250000	-33.6	6.6	-27.0
39991.250000	-33.6	6.6	-27.0
5921.750000	-33.7	6.7	-27.0
39866.250000	-33.7	6.7	-27.0
39947.250000	-33.7	6.7	-27.0
39942.250000	-33.7	6.7	-27.0
39975.250000	-33.7	6.7	-27.0
39945.750000	-33.8	6.8	-27.0
5923.250000	-33.8	6.8	-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
---	---	---	---	---	---

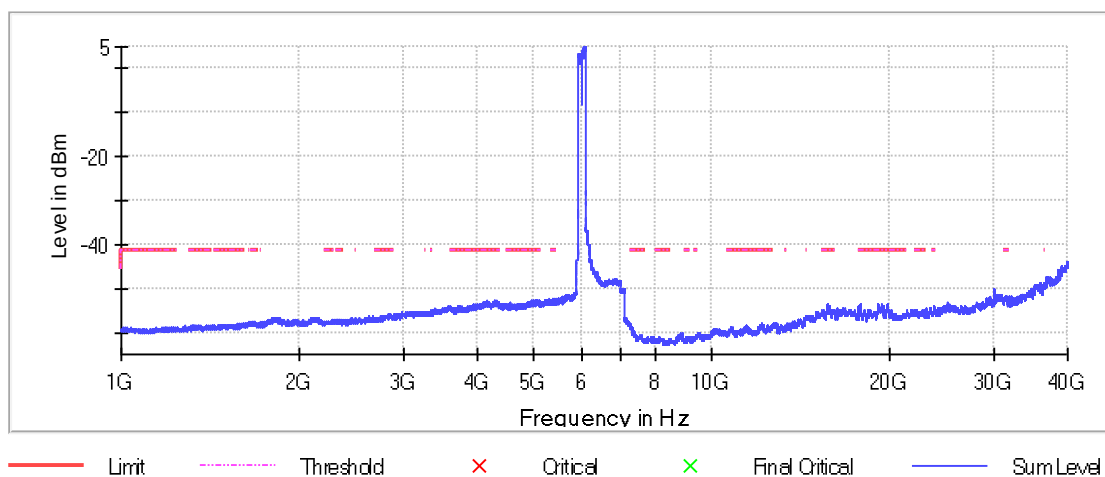
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36477.016343	-49.1	7.9	-41.2
36495.578263	-49.2	8.0	-41.2
36499.703134	-49.2	8.0	-41.2
36490.078435	-49.2	8.0	-41.2
36493.515828	-49.3	8.1	-41.2
36463.954251	-49.3	8.1	-41.2
36494.203306	-49.3	8.1	-41.2
36475.641386	-49.3	8.1	-41.2
36483.891128	-49.3	8.1	-41.2
36492.140871	-49.3	8.1	-41.2
36494.890785	-49.3	8.1	-41.2
36469.454080	-49.3	8.1	-41.2
36485.266085	-49.3	8.1	-41.2
36499.015656	-49.3	8.1	-41.2
36478.391300	-49.3	8.1	-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



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

Result

DUT Frequency (MHz)	Result
6025.000000	PASS

Final measurements

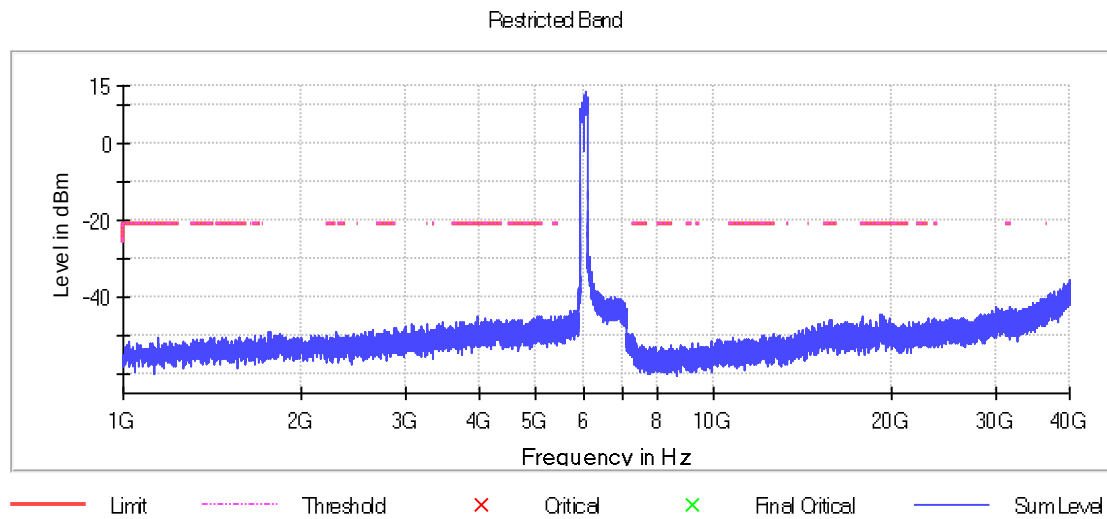
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36490.765914	-41.1	19.9	-21.2
36452.267117	-41.6	20.4	-21.2
36434.392675	-41.7	20.5	-21.2
36498.328177	-41.9	20.7	-21.2
36431.642761	-41.9	20.7	-21.2
36432.330240	-42.0	20.8	-21.2
36447.454767	-42.2	21.0	-21.2
36430.267804	-42.2	21.0	-21.2
36444.704853	-42.3	21.1	-21.2
36461.204337	-42.3	21.1	-21.2
36457.079466	-42.4	21.2	-21.2
36490.078435	-42.5	21.3	-21.2
36476.328865	-42.5	21.3	-21.2
36474.953908	-42.5	21.3	-21.2
36463.954251	-42.5	21.3	-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

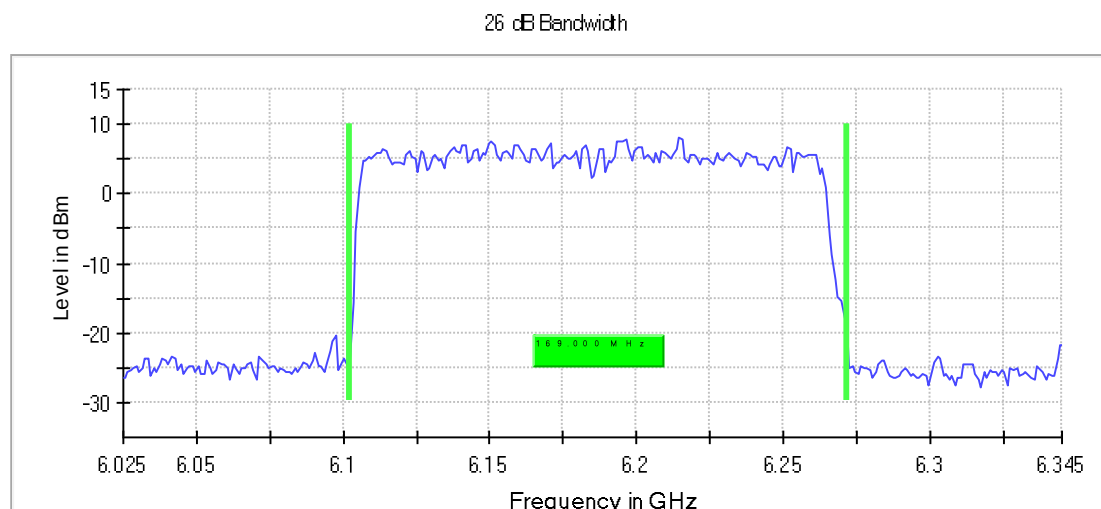


Emission Bandwidth 26 dB (6185 MHz; 24.000 dBm; 160 MHz)

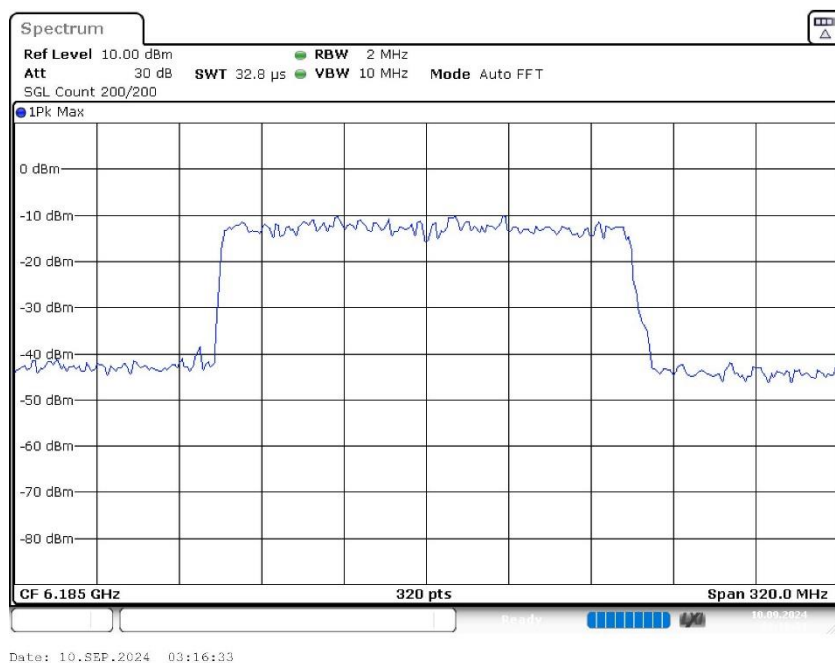
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6185.000000	169.000000	---	320.000000	6102.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6185.000000	6271.500000	---	8.1	PASS



Bandwidth



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

Result

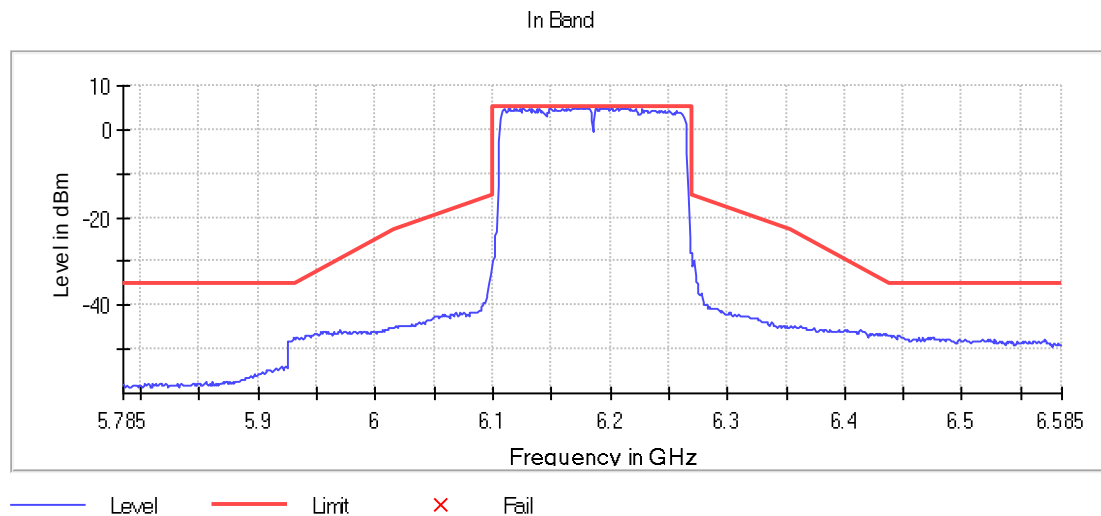
DUT Frequency (MHz)	Result
6185.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6175.500000	5.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6175.500000	5.0	0.0	5.0	PASS
6179.500000	5.0	0.0	5.0	PASS
6170.500000	5.0	0.1	5.0	PASS
6197.500000	4.9	0.1	5.0	PASS
6174.500000	4.9	0.1	5.0	PASS
6211.500000	4.9	0.1	5.0	PASS
6192.500000	4.9	0.2	5.0	PASS
6113.500000	4.9	0.2	5.0	PASS
6213.500000	4.9	0.2	5.0	PASS
6126.500000	4.9	0.2	5.0	PASS
6195.500000	4.9	0.2	5.0	PASS
6198.500000	4.9	0.2	5.0	PASS
6123.500000	4.8	0.2	5.0	PASS
6110.500000	4.8	0.2	5.0	PASS
6210.500000	4.8	0.2	5.0	PASS

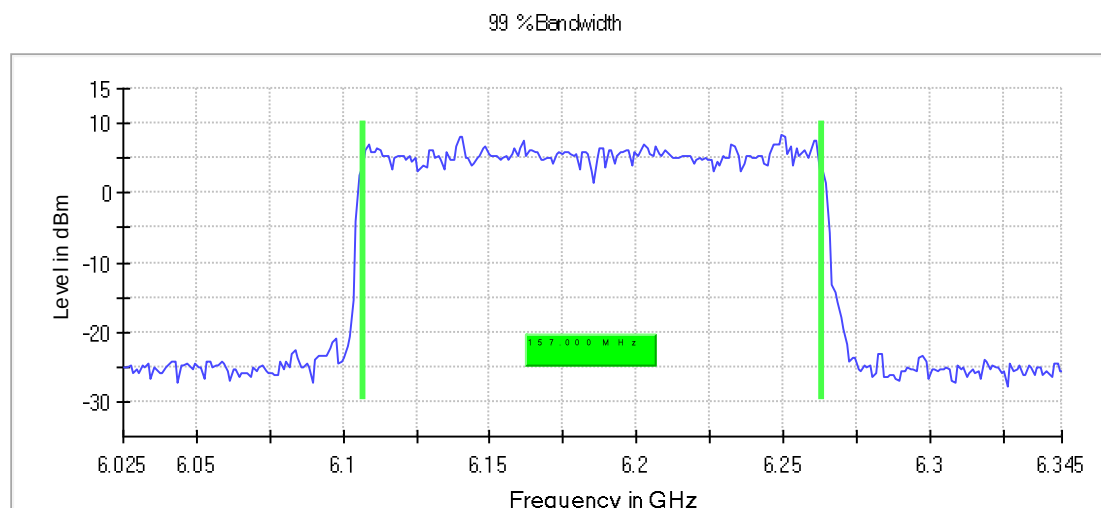


Occupied Channel Bandwidth 99% (6185 MHz; 24.000 dBm; 160 MHz)

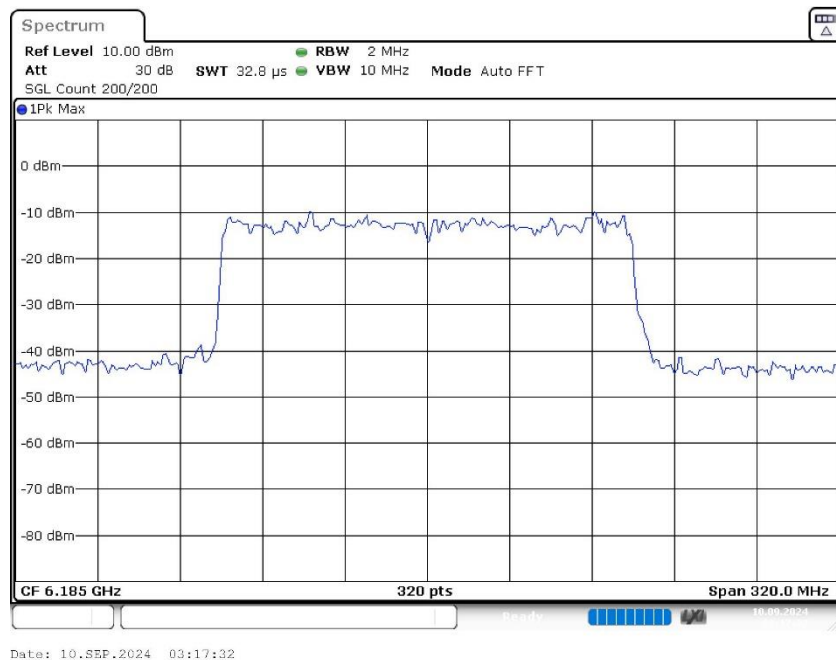
99 % Bandwidth

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



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.02500 GHz	6.02500 GHz
Stop Frequency	6.34500 GHz	6.34500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320
SweepTime	32.813 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

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

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

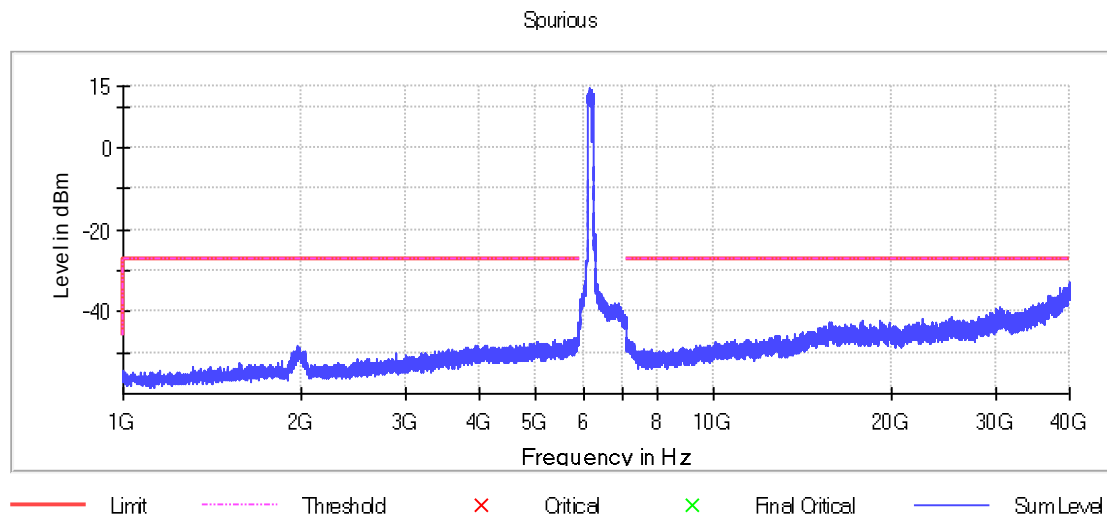
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39969.750000	-33.0	6.0	-27.0
39986.750000	-33.1	6.1	-27.0
39968.750000	-33.2	6.2	-27.0
39963.250000	-33.4	6.4	-27.0
39980.750000	-33.4	6.4	-27.0
39971.750000	-33.6	6.6	-27.0
39937.250000	-33.6	6.6	-27.0
39974.250000	-33.7	6.7	-27.0
39994.750000	-33.8	6.8	-27.0
39980.250000	-33.8	6.8	-27.0
39940.750000	-33.9	6.9	-27.0
39936.750000	-33.9	6.9	-27.0
39955.250000	-34.0	7.0	-27.0
39963.750000	-34.0	7.0	-27.0
39866.750000	-34.0	7.0	-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



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

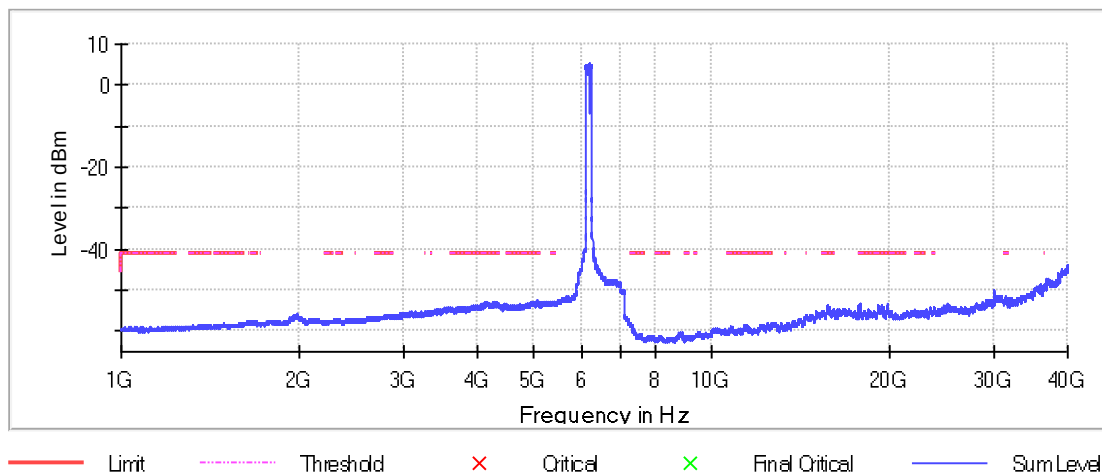
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36490.078435	-49.1	7.9	-41.2
36474.953908	-49.2	8.0	-41.2
36479.766257	-49.3	8.1	-41.2
36483.891128	-49.3	8.1	-41.2
36480.453736	-49.3	8.1	-41.2
36470.141558	-49.3	8.1	-41.2
36489.390957	-49.3	8.1	-41.2
36479.078779	-49.3	8.1	-41.2
36468.079123	-49.3	8.1	-41.2
36455.704509	-49.3	8.1	-41.2
36485.953564	-49.3	8.1	-41.2
36488.016000	-49.3	8.1	-41.2
36496.953220	-49.3	8.1	-41.2
36493.515828	-49.3	8.1	-41.2
36481.141214	-49.3	8.1	-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



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

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

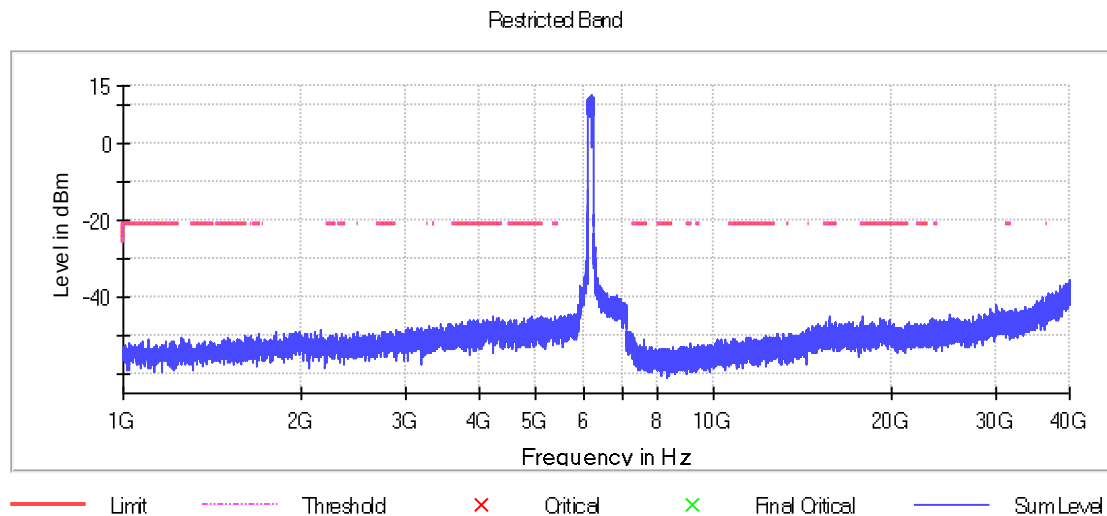
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36477.016343	-40.1	18.9	-21.2
36481.141214	-41.5	20.3	-21.2
36474.266429	-41.6	20.4	-21.2
36480.453736	-41.8	20.6	-21.2
36475.641386	-42.1	20.9	-21.2
36461.204337	-42.1	20.9	-21.2
36472.891472	-42.2	21.0	-21.2
36452.954595	-42.3	21.1	-21.2
36483.203650	-42.3	21.1	-21.2
36471.516515	-42.4	21.2	-21.2
36470.829037	-42.4	21.2	-21.2
36433.705197	-42.5	21.3	-21.2
36449.517203	-42.6	21.4	-21.2
36489.390957	-42.6	21.4	-21.2
36492.828349	-42.6	21.4	-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

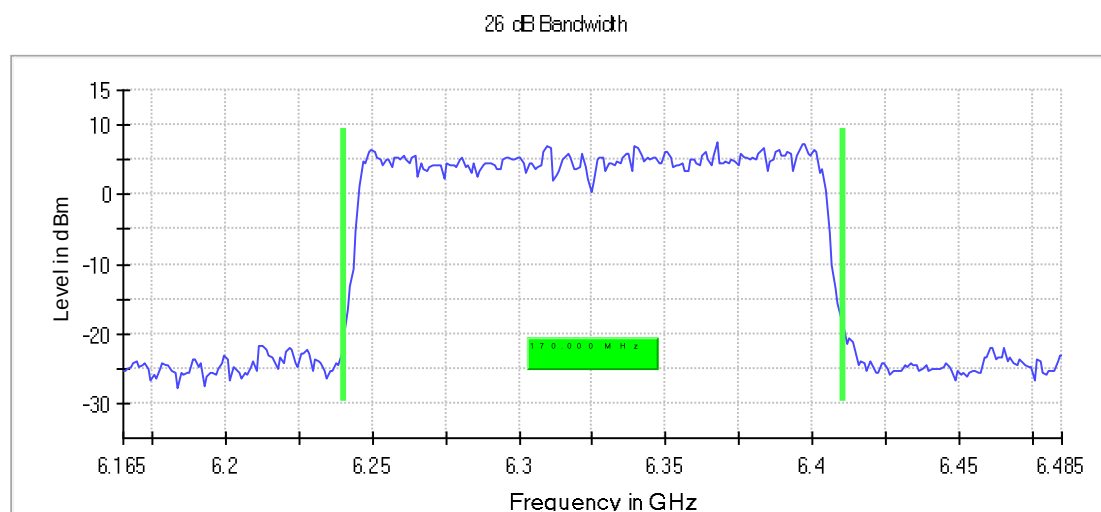


Emission Bandwidth 26 dB (6325 MHz; 24.000 dBm; 160 MHz)

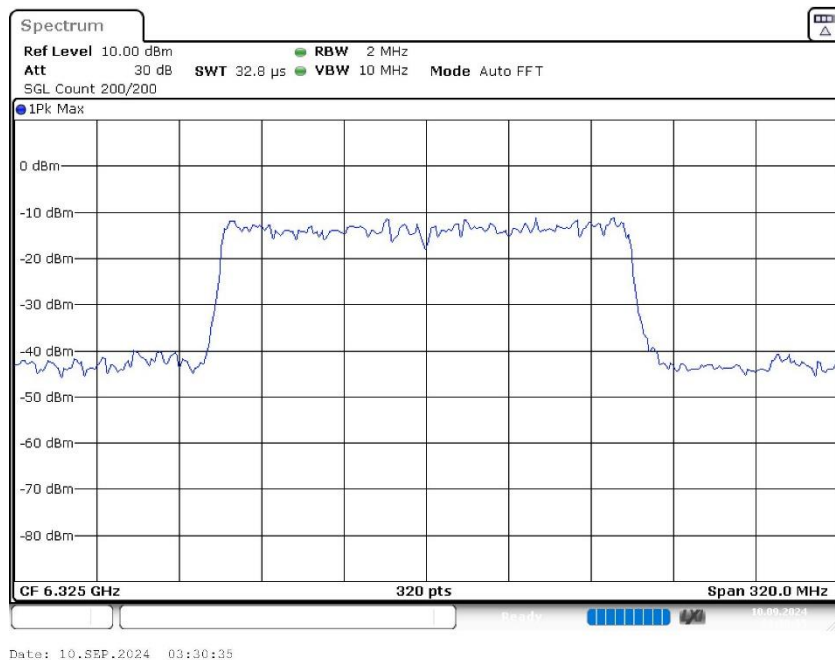
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6325.000000	170.000000	---	320.000000	6240.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6325.000000	6410.500000	---	7.4	PASS



Bandwidth



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

Result

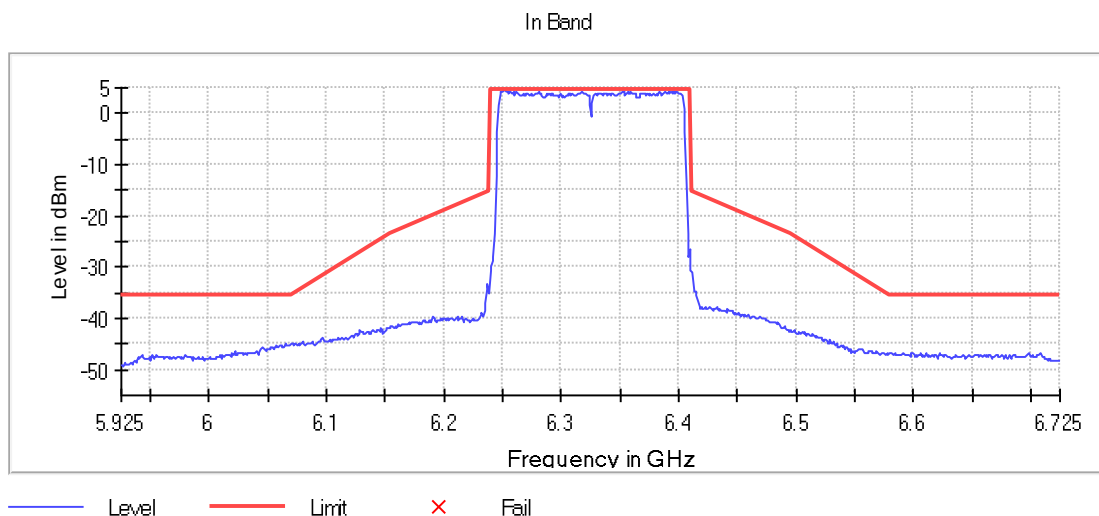
DUT Frequency (MHz)	Result
6325.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6251.500000	4.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6248.500000	4.4	0.2	4.6	PASS
6252.500000	4.4	0.3	4.6	PASS
6396.500000	4.4	0.3	4.6	PASS
6391.500000	4.3	0.3	4.6	PASS
6256.500000	4.3	0.3	4.6	PASS
6253.500000	4.3	0.3	4.6	PASS
6388.500000	4.3	0.3	4.6	PASS
6383.500000	4.3	0.4	4.6	PASS
6254.500000	4.3	0.4	4.6	PASS
6353.500000	4.2	0.4	4.6	PASS
6250.500000	4.2	0.4	4.6	PASS
6352.500000	4.2	0.4	4.6	PASS
6249.500000	4.2	0.4	4.6	PASS
6395.500000	4.2	0.4	4.6	PASS
6259.500000	4.2	0.4	4.6	PASS

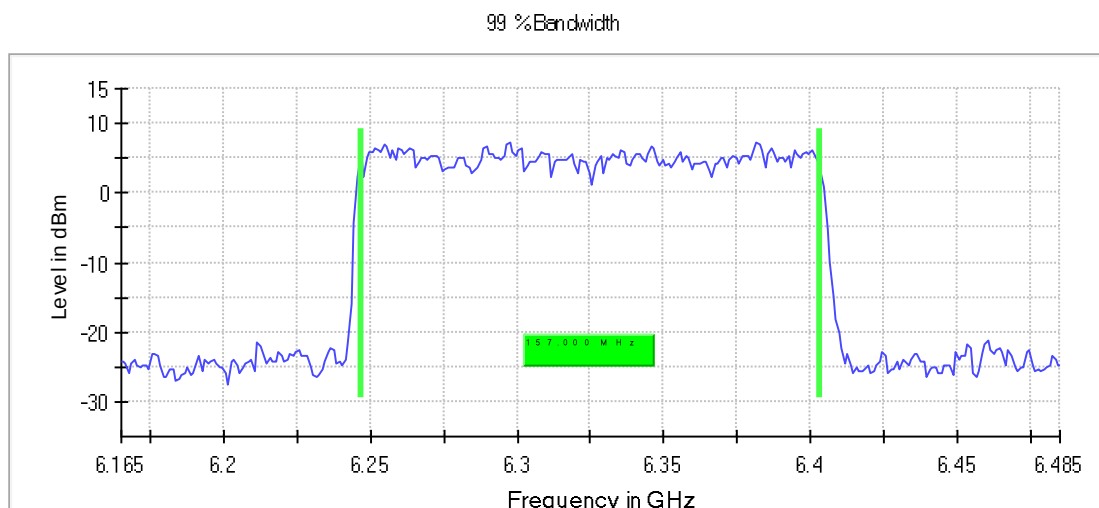


Occupied Channel Bandwidth 99% (6325 MHz; 24.000 dBm; 160 MHz)

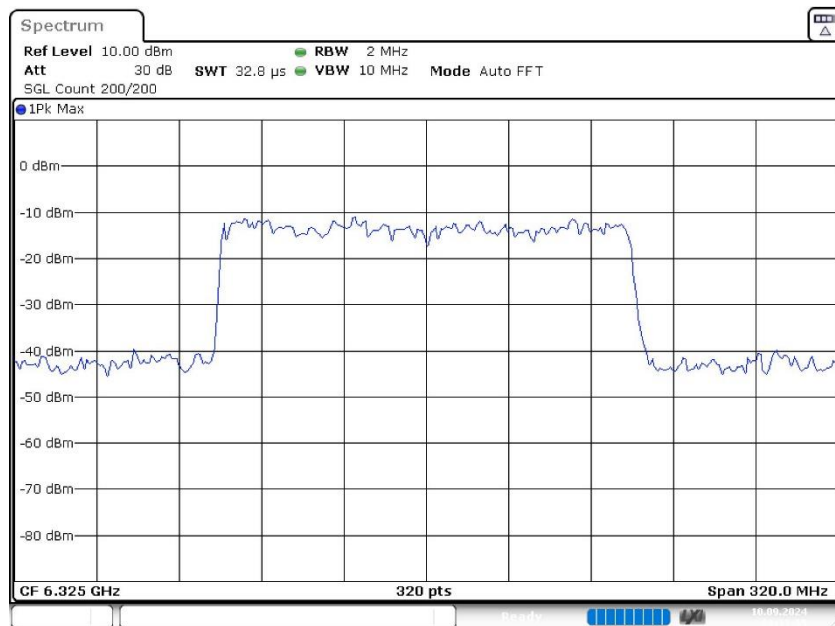
99 % Bandwidth

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



Date: 10.SEP.2024 03:31:35

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.16500 GHz	6.16500 GHz
Stop Frequency	6.48500 GHz	6.48500 GHz
Span	320.000 MHz	320.000 MHz
RBW	2.000 MHz	>= 1.600 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	320	~ 320
SweepTime	32.813 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

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

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

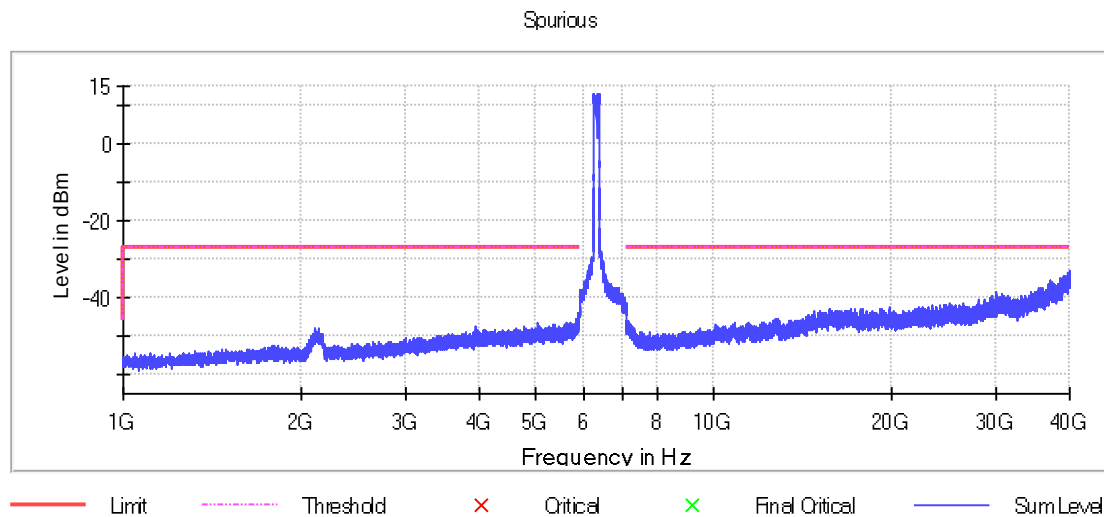
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39968.750000	-33.0	6.0	-27.0
39972.250000	-33.5	6.5	-27.0
39967.750000	-33.5	6.5	-27.0
39995.750000	-33.5	6.5	-27.0
39986.750000	-33.5	6.5	-27.0
39931.750000	-33.7	6.7	-27.0
39997.750000	-33.7	6.7	-27.0
39980.750000	-33.7	6.7	-27.0
39841.250000	-33.7	6.7	-27.0
39981.250000	-33.8	6.8	-27.0
39938.750000	-34.0	7.0	-27.0
39916.750000	-34.0	7.0	-27.0
39976.750000	-34.0	7.0	-27.0
39966.250000	-34.0	7.0	-27.0
39920.250000	-34.1	7.1	-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) (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
---	---	---	---	---	---

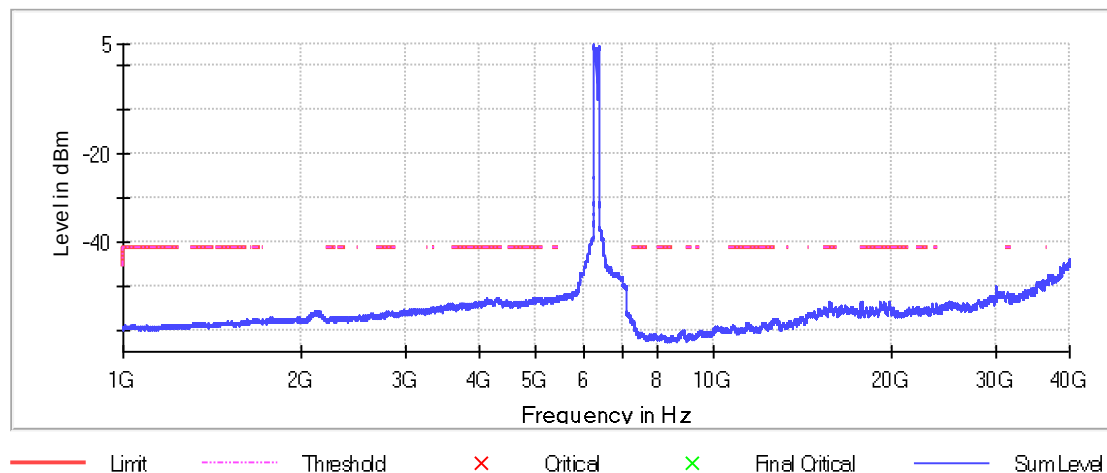
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36489.390957	-49.1	7.9	-41.2
36497.640699	-49.2	8.0	-41.2
36493.515828	-49.2	8.0	-41.2
36488.703478	-49.2	8.0	-41.2
36490.765914	-49.2	8.0	-41.2
36482.516171	-49.3	8.1	-41.2
36446.079810	-49.3	8.1	-41.2
36486.641042	-49.3	8.1	-41.2
36450.204681	-49.3	8.1	-41.2
36494.203306	-49.3	8.1	-41.2
36476.328865	-49.3	8.1	-41.2
36477.703822	-49.3	8.1	-41.2
36487.328521	-49.3	8.1	-41.2
36467.391644	-49.3	8.1	-41.2
36483.891128	-49.3	8.1	-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



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

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

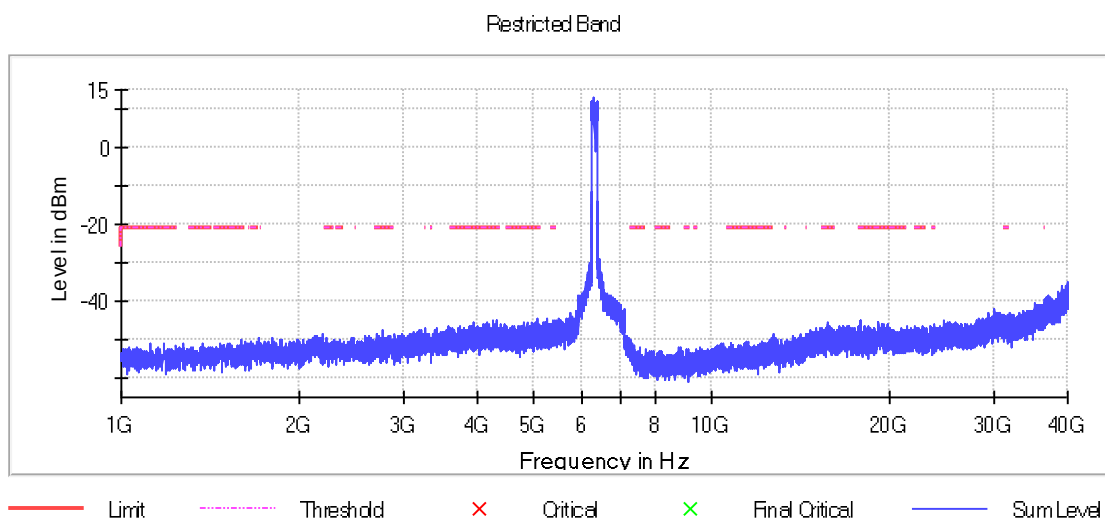
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36474.953908	-41.2	20.0	-21.2
36488.016000	-41.3	20.1	-21.2
36487.328521	-41.5	20.3	-21.2
36483.203650	-41.7	20.5	-21.2
36491.453392	-41.8	20.6	-21.2
36497.640699	-41.8	20.6	-21.2
36443.329896	-42.1	20.9	-21.2
36473.578951	-42.3	21.1	-21.2
36442.642417	-42.4	21.2	-21.2
36439.205025	-42.5	21.3	-21.2
36444.017374	-42.5	21.3	-21.2
36431.642761	-42.6	21.4	-21.2
36432.330240	-42.7	21.5	-21.2
36481.141214	-42.7	21.5	-21.2
36477.016343	-42.7	21.5	-21.2

Measurement Settings

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

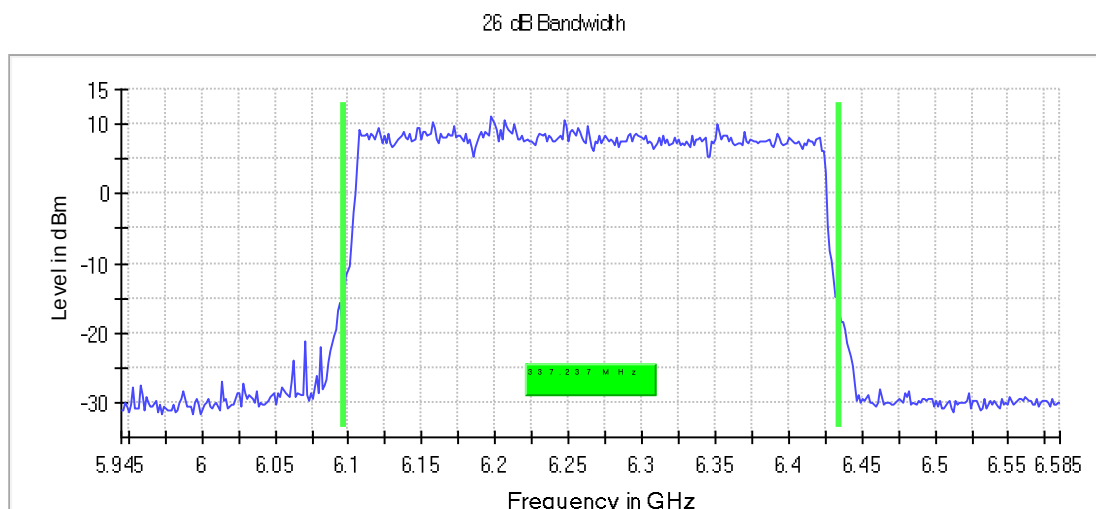


Emission Bandwidth 26 dB (6265 MHz; 24.000 dBm; 320 MHz)

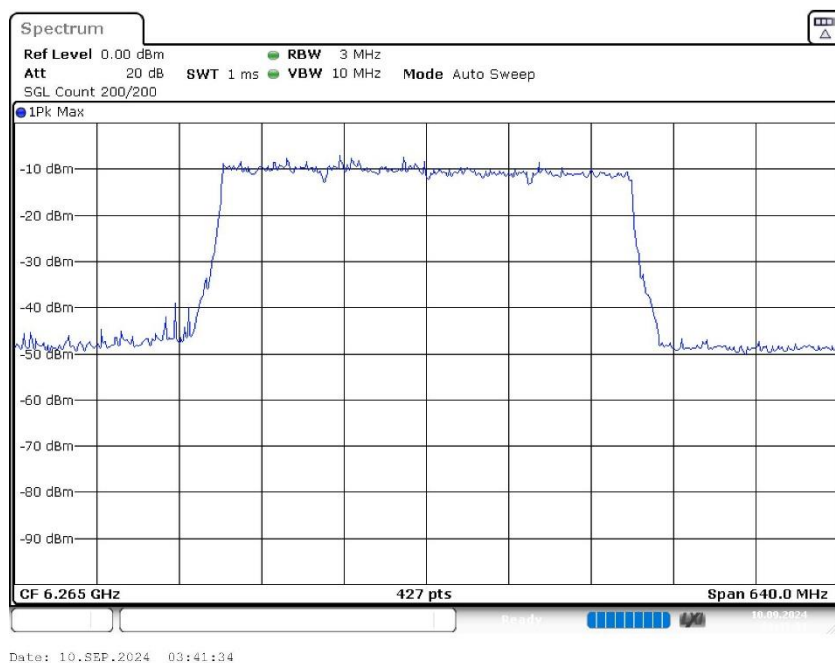
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6265.000000	337.236533	---	---	6097.131148	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6265.000000	6434.367681	---	11.1	PASS



Bandwidth



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

Result

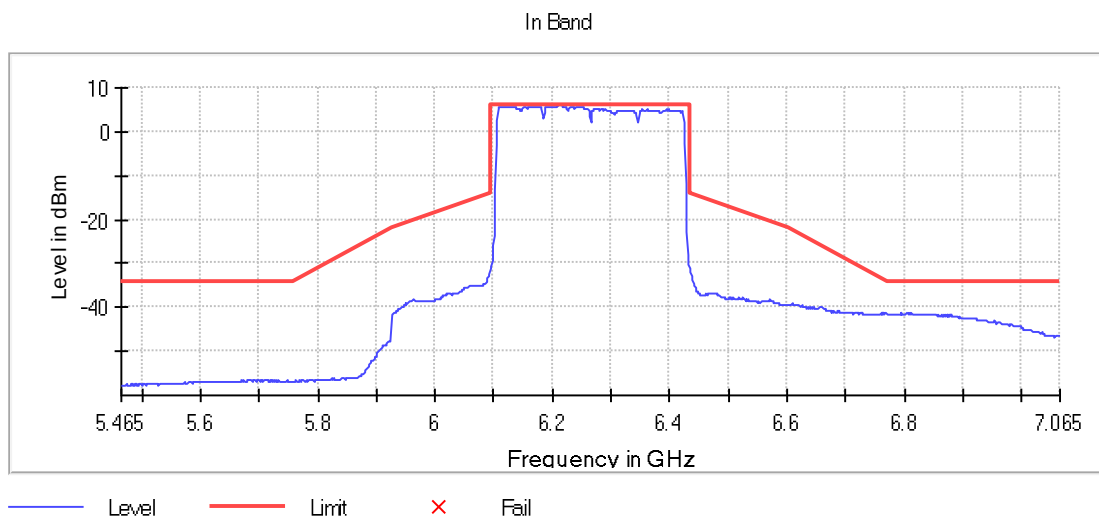
DUT Frequency (MHz)	Result
6265.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6209.517338	6.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6209.517338	6.0	0.0	6.0	PASS
6212.516401	5.9	0.0	6.0	PASS
6214.015933	5.9	0.1	6.0	PASS
6211.016870	5.9	0.1	6.0	PASS
6215.515464	5.9	0.1	6.0	PASS
6173.528585	5.8	0.1	6.0	PASS
6176.527648	5.8	0.2	6.0	PASS
6217.014995	5.8	0.2	6.0	PASS
6220.014058	5.8	0.2	6.0	PASS
6167.530459	5.8	0.2	6.0	PASS
6172.029053	5.8	0.2	6.0	PASS
6170.529522	5.8	0.2	6.0	PASS
6208.017807	5.8	0.2	6.0	PASS
6203.519213	5.8	0.2	6.0	PASS
6200.520150	5.8	0.2	6.0	PASS

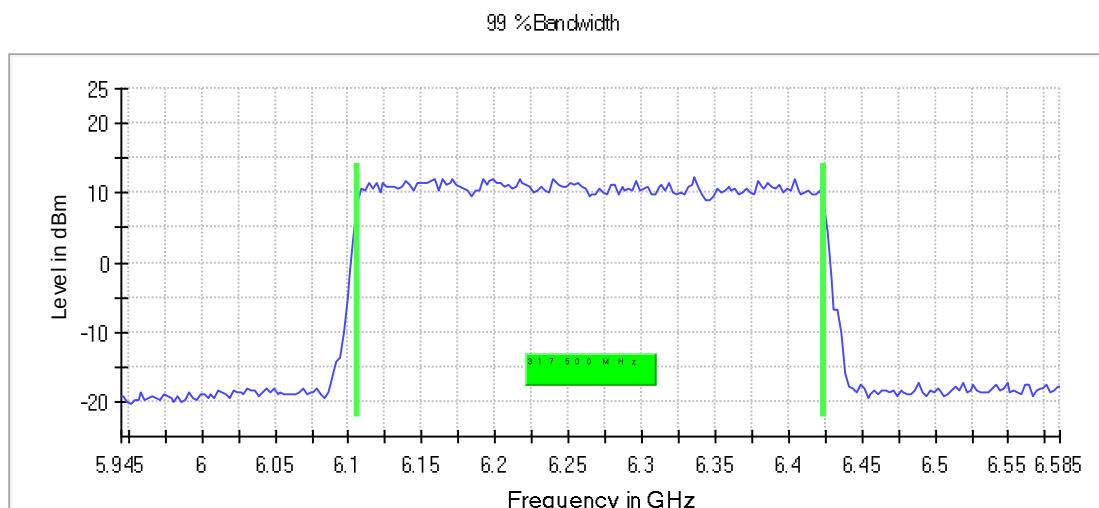


Occupied Channel Bandwidth 99% (6265 MHz; 24.000 dBm; 320 MHz)

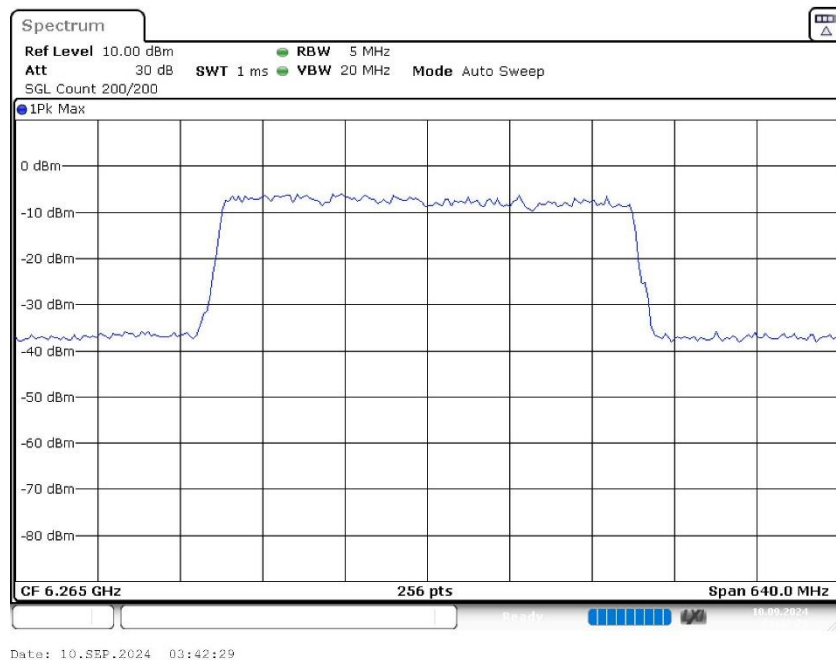
99 % Bandwidth

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

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



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.94500 GHz	5.94500 GHz
Stop Frequency	6.58500 GHz	6.58500 GHz
Span	640.000 MHz	640.000 MHz
RBW	5.000 MHz	>= 3.200 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	256	~ 256
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

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

Result

DUT Frequency (MHz)	Result
6265.000000	PASS

Final measurements

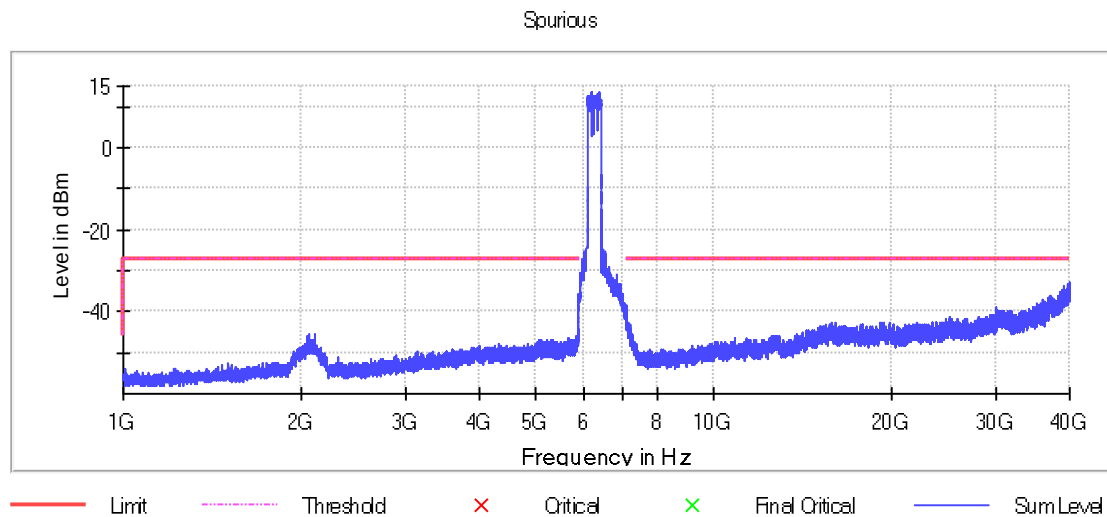
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39956.250000	-32.9	5.9	-27.0
39969.250000	-33.4	6.4	-27.0
39825.250000	-33.4	6.4	-27.0
39988.250000	-33.5	6.5	-27.0
39933.750000	-33.5	6.5	-27.0
39955.750000	-33.6	6.6	-27.0
39996.250000	-33.6	6.6	-27.0
39983.750000	-33.7	6.7	-27.0
39997.750000	-33.7	6.7	-27.0
39944.250000	-33.7	6.7	-27.0
39103.750000	-33.8	6.8	-27.0
39972.250000	-33.8	6.8	-27.0
39980.750000	-33.8	6.8	-27.0
5924.250000	-33.9	6.9	-27.0
5923.750000	-33.9	6.9	-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



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

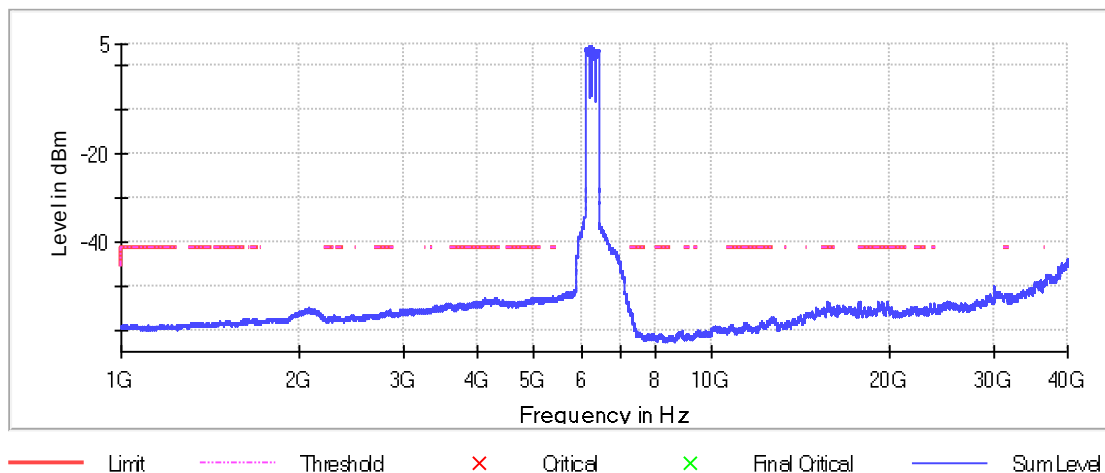
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36492.140871	-49.1	7.9	-41.2
36488.703478	-49.2	8.0	-41.2
36496.953220	-49.2	8.0	-41.2
36494.890785	-49.2	8.0	-41.2
36497.640699	-49.3	8.1	-41.2
36490.765914	-49.3	8.1	-41.2
36488.016000	-49.3	8.1	-41.2
36499.703134	-49.3	8.1	-41.2
36476.328865	-49.3	8.1	-41.2
36490.078435	-49.4	8.2	-41.2
36468.079123	-49.4	8.2	-41.2
36459.829380	-49.4	8.2	-41.2
36477.016343	-49.4	8.2	-41.2
36448.829724	-49.4	8.2	-41.2
36457.766945	-49.4	8.2	-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) (6265 MHz; 24.000 dBm; 320 MHz)

Result

DUT Frequency (MHz)	Result
6265.000000	PASS

Final measurements

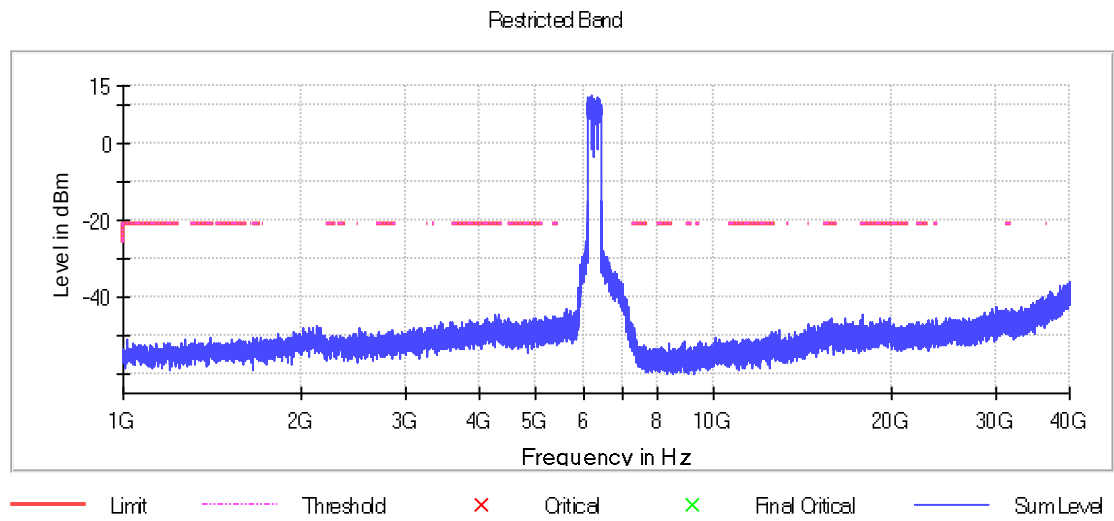
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36479.078779	-41.1	19.9	-21.2
36480.453736	-41.6	20.4	-21.2
36452.954595	-42.0	20.8	-21.2
36493.515828	-42.2	21.0	-21.2
36459.829380	-42.2	21.0	-21.2
36482.516171	-42.3	21.1	-21.2
36479.766257	-42.3	21.1	-21.2
36486.641042	-42.4	21.2	-21.2
36448.142246	-42.4	21.2	-21.2
36490.765914	-42.4	21.2	-21.2
36443.329896	-42.5	21.3	-21.2
36448.829724	-42.5	21.3	-21.2
36477.703822	-42.6	21.4	-21.2
36435.767632	-42.6	21.4	-21.2
36467.391644	-42.7	21.5	-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



1.1.2 Summary

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

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

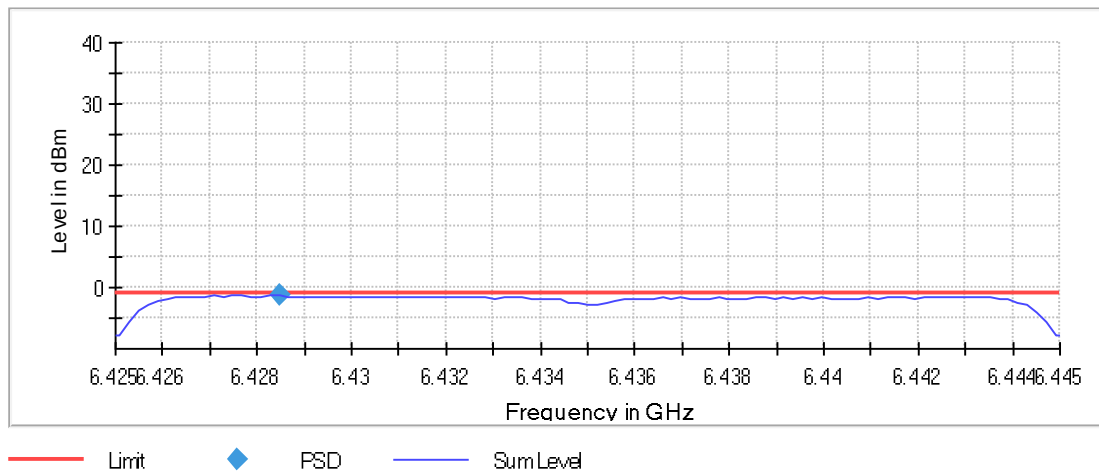
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6435.000000	6428.465347	-1.361	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.42500 GHz	6.42500 GHz
Stop Frequency	6.44500 GHz	6.44500 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO

Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	Sweep
Preamp	off	off

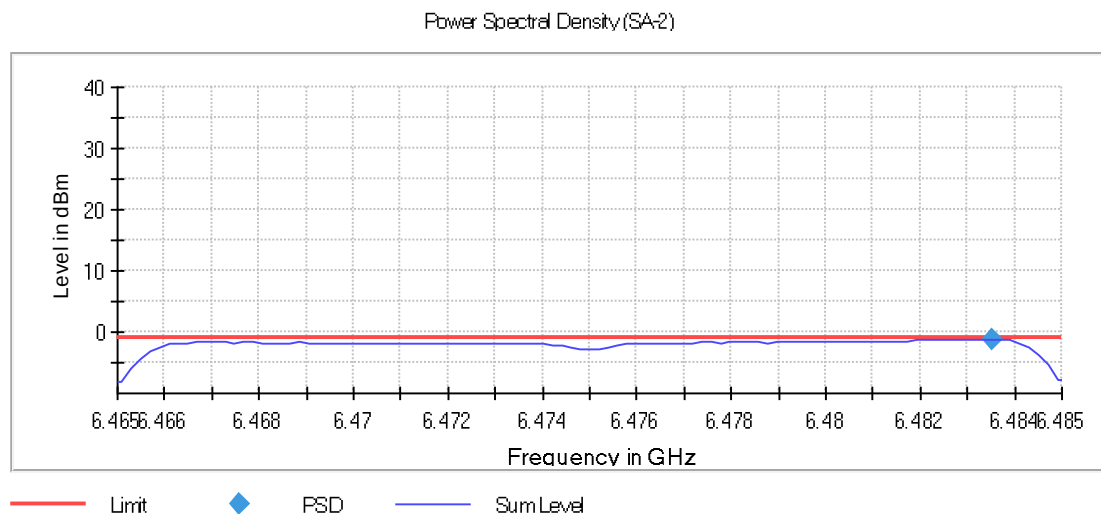
Power Spectral Density (SA-2) (6475 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6475.000000	6483.514851	-1.234	-0.8	PASS

Ports

Port	State
1	used
2	used



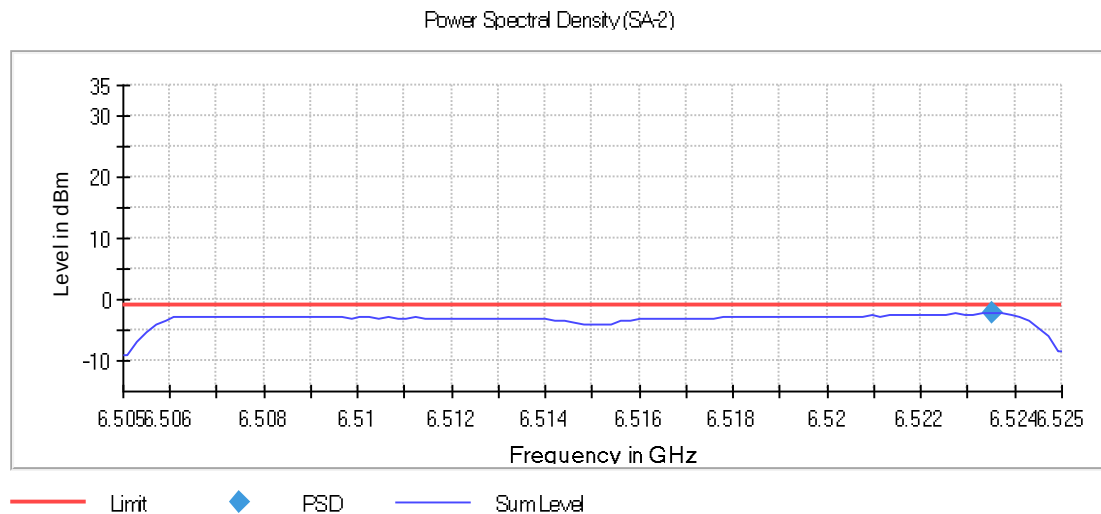
Power Spectral Density (SA-2) (6515 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6515.000000	6523.514851	-2.185	-0.8	PASS

Ports

Port	State
1	used
2	used



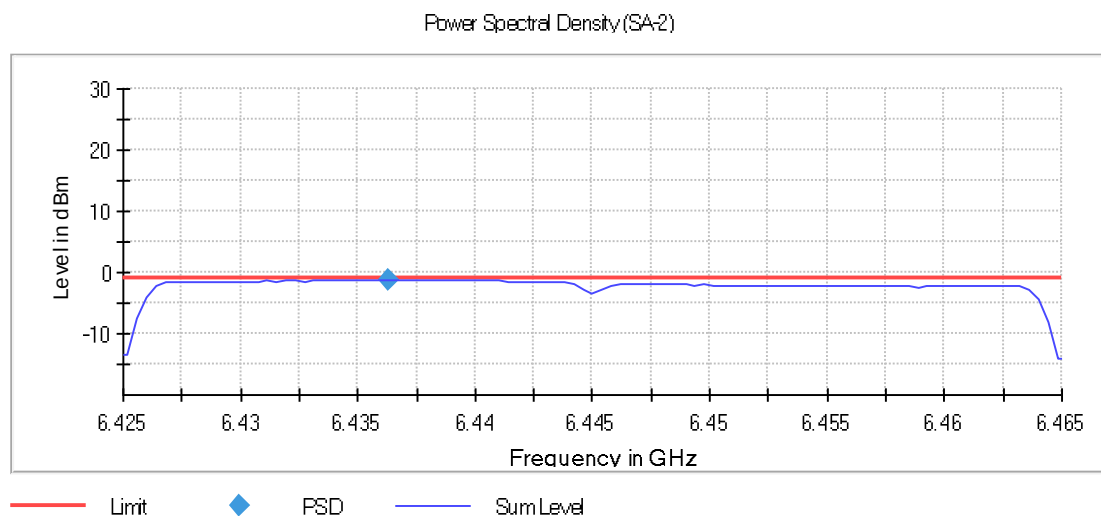
Power Spectral Density (SA-2) (6445 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6445.000000	6436.287129	-1.148	-0.8	PASS

Ports

Port	State
1	used
2	used



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

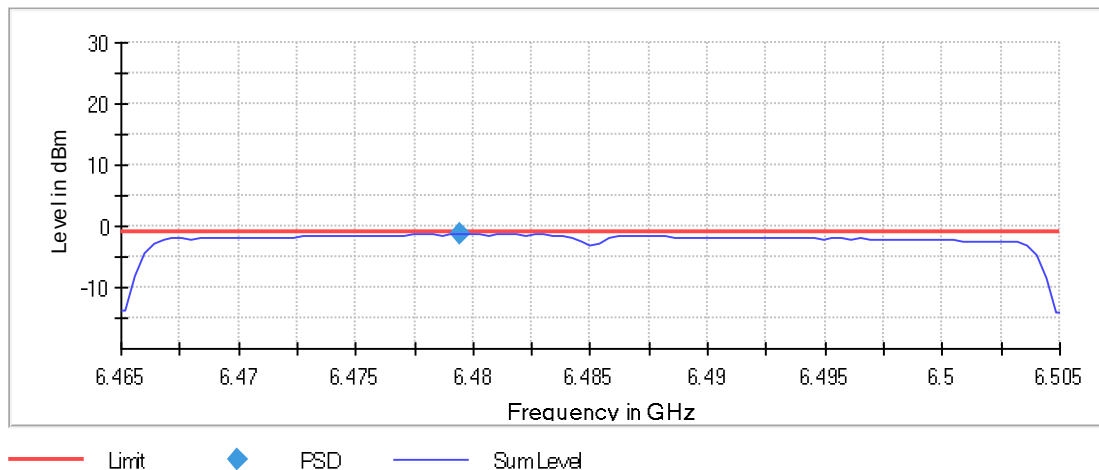
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6485.000000	6479.455446	-1.279	-0.8	PASS

Ports

Port	State
1	used
2	used

Power Spectral Density (SA-2)



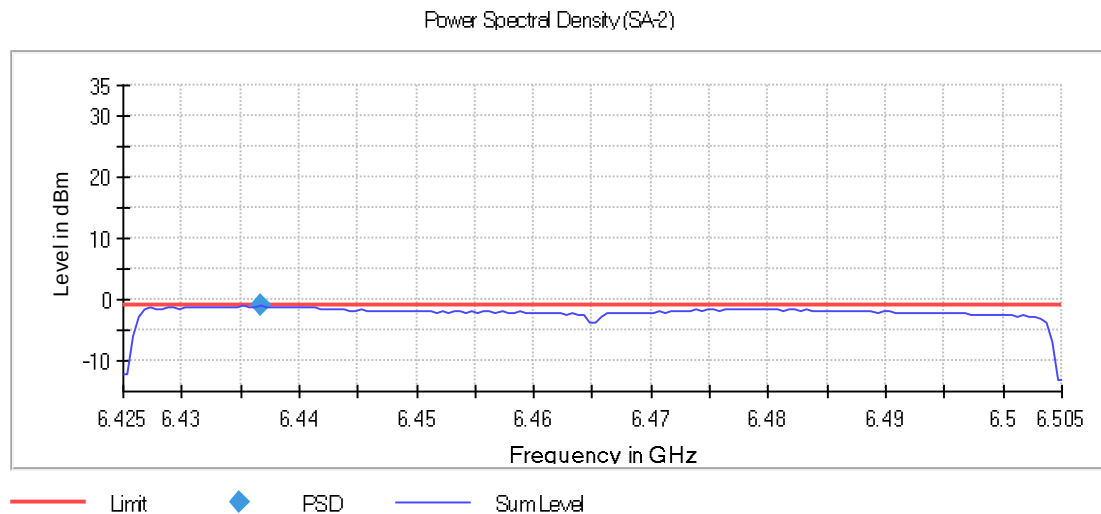
Power Spectral Density (SA-2) (6465 MHz; 24.000 dBm; 80 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6465.000000	6436.750000	-1.019	-0.8	PASS

Ports

Port	State
1	used
2	used



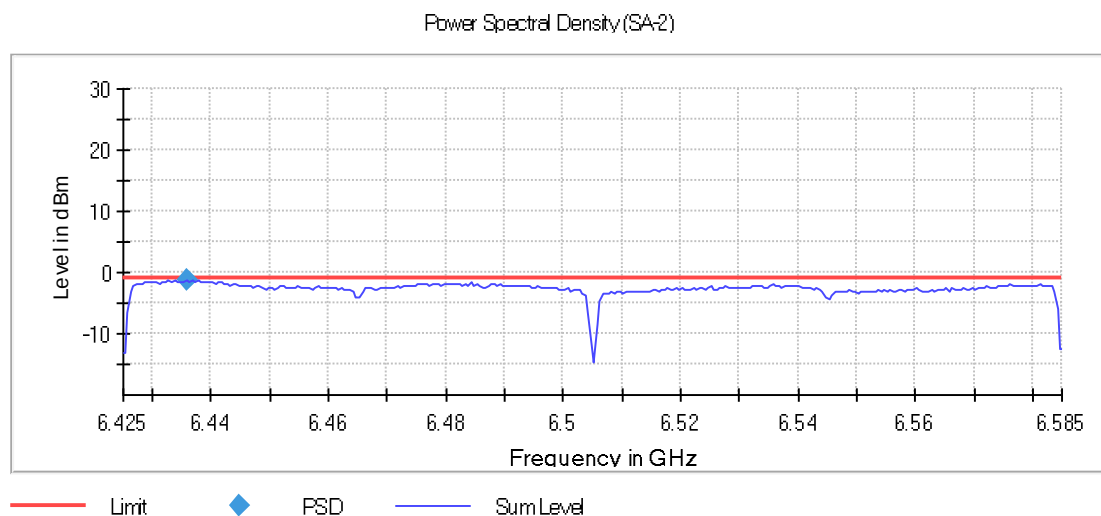
Power Spectral Density (SA-2) (6505 MHz; 24.000 dBm; 160 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6505.000000	6435.750000	-1.303	-0.8	PASS

Ports

Port	State
1	used
2	used



-- End of Report --