

U6-Enterprise UNII-5 Annex

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	6115.000	24.0	20.000000	PASS
RF output power	6115.000	24.0	20.000000	PASS
In-Band Emissions	6115.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6115.000	24.0	20.000000	PASS
Frequency Stability	6115.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6195.000	24.0	20.000000	PASS
In-Band Emissions	6195.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6195.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6415.000	24.0	20.000000	PASS
In-Band Emissions	6415.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	6415.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	6125.000	24.0	40.000000	PASS
In-Band Emissions	6125.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	6125.000	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	6145.000	24.0	80.000000	PASS
In-Band Emissions	6145.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	6145.000	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	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

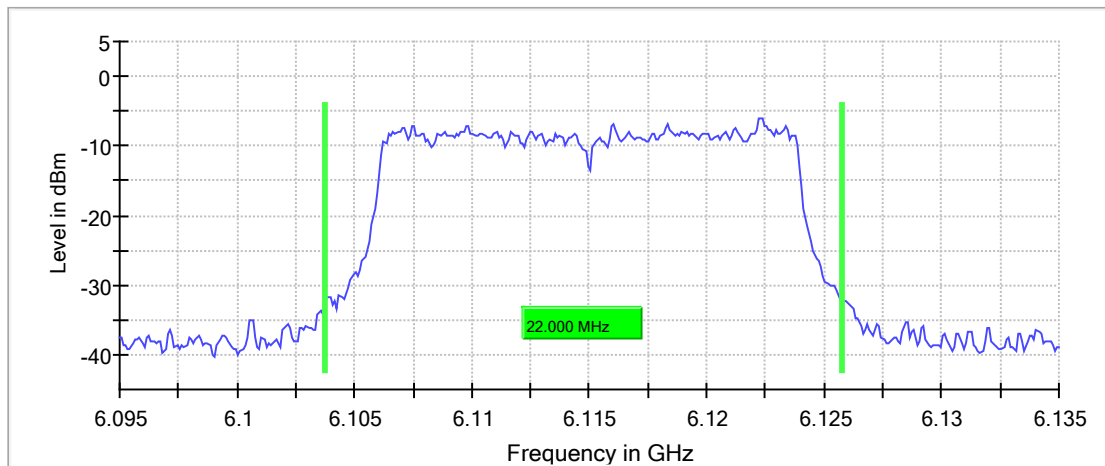
Emission Bandwidth 26 dB (6115 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

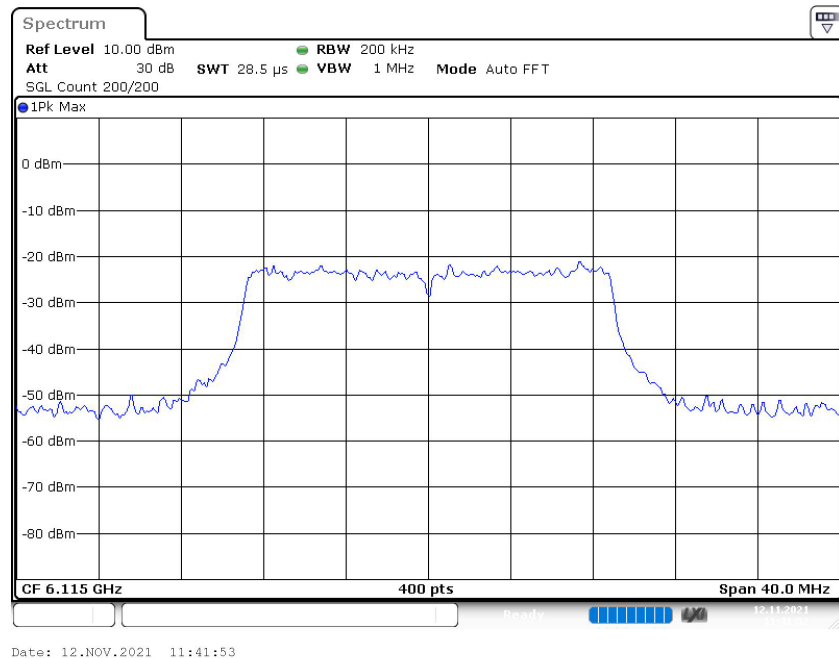
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6115.000000	22.000000	---	320.000000	6103.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6115.000000	6125.750000	---	-6.1	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.09500 GHz	6.09500 GHz
Stop Frequency	6.13500 GHz	6.13500 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 (6115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6115.000000	14.2	24.0	14.2	85.488	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 (6115 MHz; 24.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Result
6115.000000	PASS

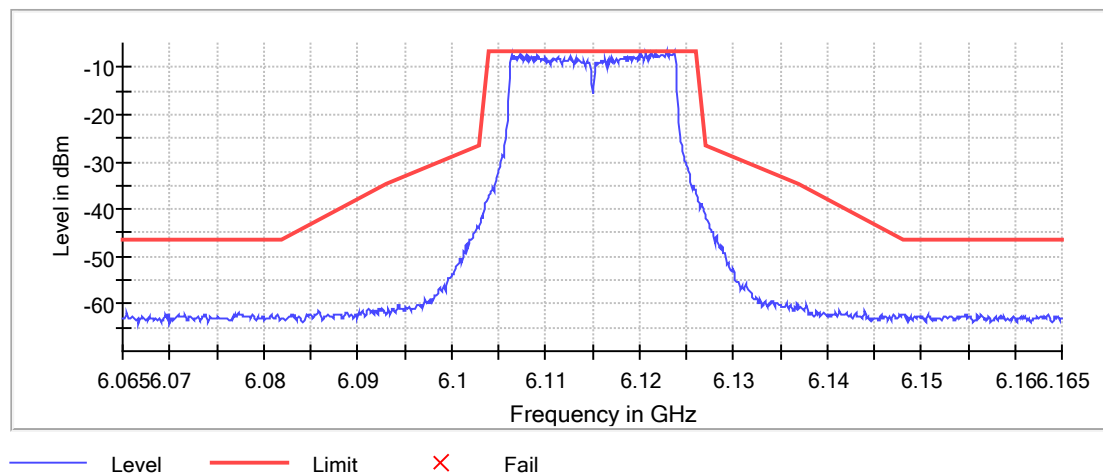
Inband Peak

Frequency (MHz)	Level (dBm)
6122.850000	-6.5

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6122.850000	-6.5	0.0	-6.5	PASS
6123.750000	-6.8	0.3	-6.5	PASS
6123.850000	-6.9	0.4	-6.5	PASS
6121.350000	-7.1	0.6	-6.5	PASS
6123.150000	-7.1	0.6	-6.5	PASS
6120.050000	-7.1	0.6	-6.5	PASS
6120.750000	-7.2	0.6	-6.5	PASS
6121.650000	-7.2	0.7	-6.5	PASS
6122.950000	-7.2	0.7	-6.5	PASS
6123.250000	-7.3	0.7	-6.5	PASS
6122.550000	-7.3	0.8	-6.5	PASS
6123.550000	-7.3	0.8	-6.5	PASS
6121.950000	-7.3	0.8	-6.5	PASS
6122.450000	-7.4	0.8	-6.5	PASS
6121.050000	-7.4	0.9	-6.5	PASS

In Band



Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	6.06500 GHz	6.06500 GHz
Stop Frequency	6.16500 GHz	6.16500 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

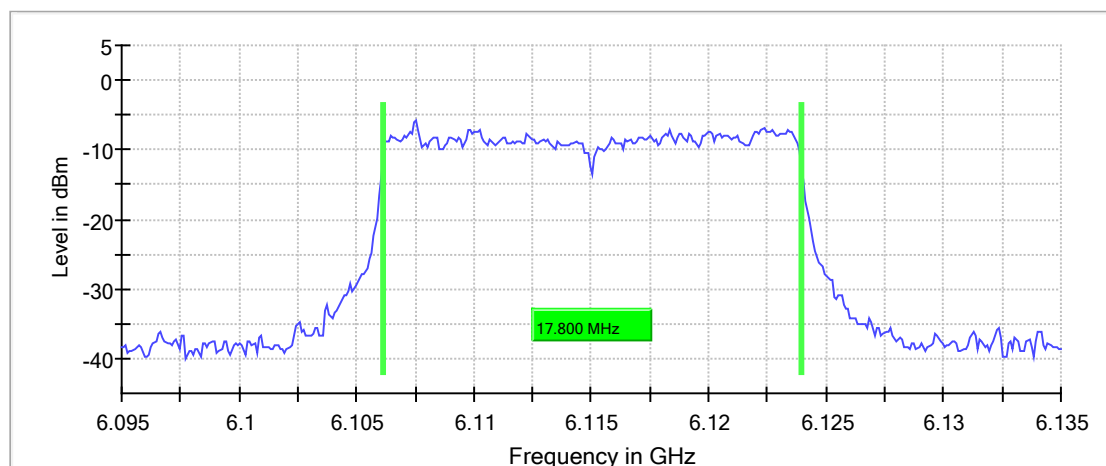
Occupied Channel Bandwidth 99% (6115 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

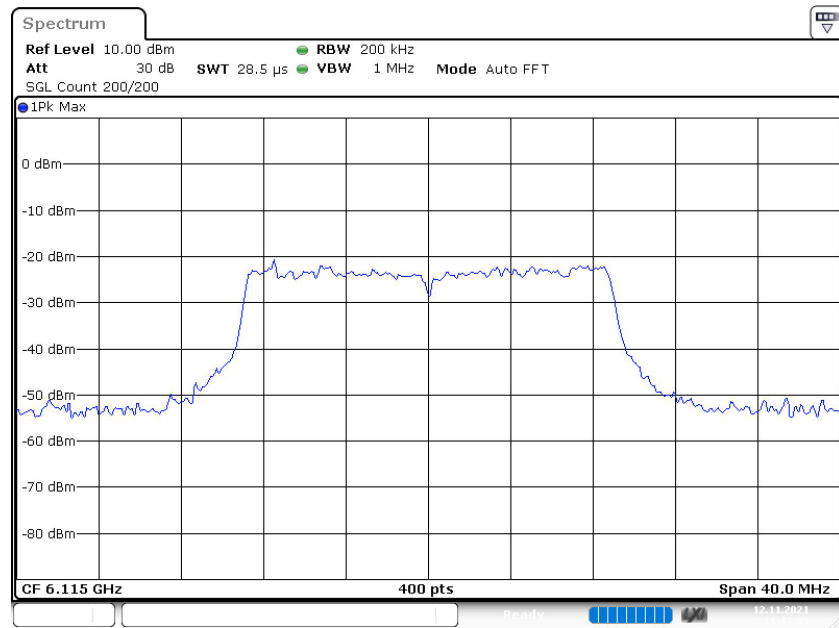
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6115.000000	17.800000	---	320.000000	6106.150000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6115.000000	6123.950000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Measurement

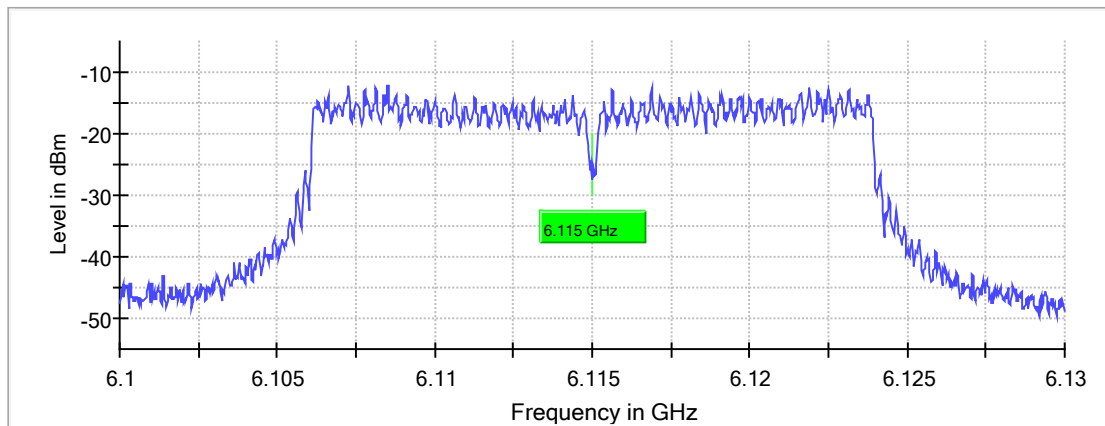
Setting	Instrument Value	Target Value
Start Frequency	6.09500 GHz	6.09500 GHz
Stop Frequency	6.13500 GHz	6.13500 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	≥ 200.000 kHz
VBW	1.000 MHz	≥ 600.000 kHz
SweepPoints	400	~ 400
SweepTime	28.477 μ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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

Frequency Stability (6115 MHz; 24.000 dBm; 20 MHz)

Result

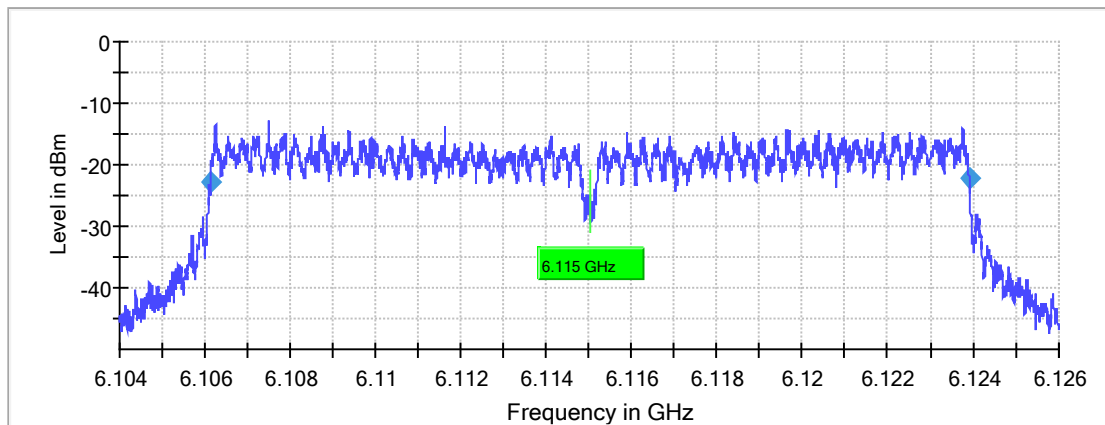
DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6115.000000	6115.024884	4.069	24.884000	---	---	PASS

Frequency stability Pre



Center frequency Max Hold

Frequency stability



Edge points Max Hold Center frequency

Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.10401 GHz	6.10401 GHz
Stop Frequency	6.12601 GHz	6.12601 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	10.000 dBm	10.000 dBm
Attenuation	30.000 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

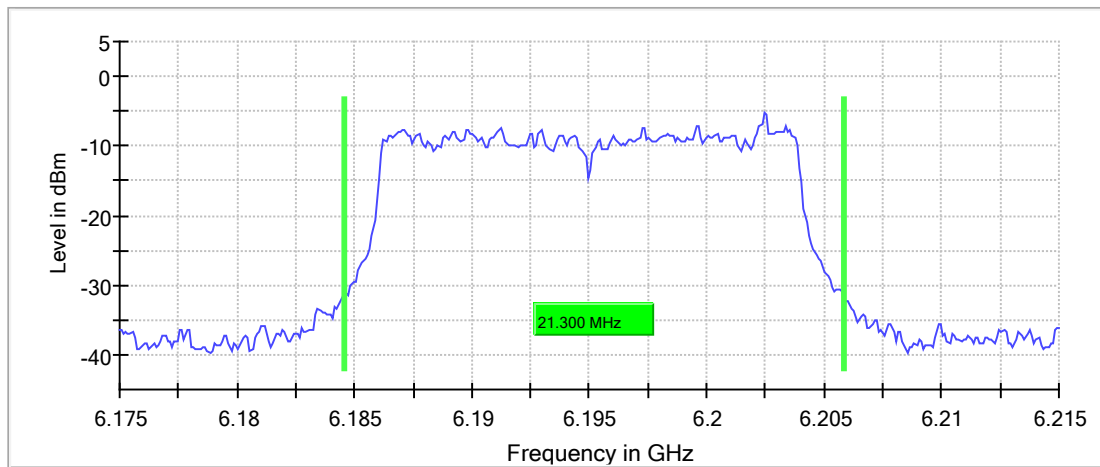
Emission Bandwidth 26 dB (6195 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

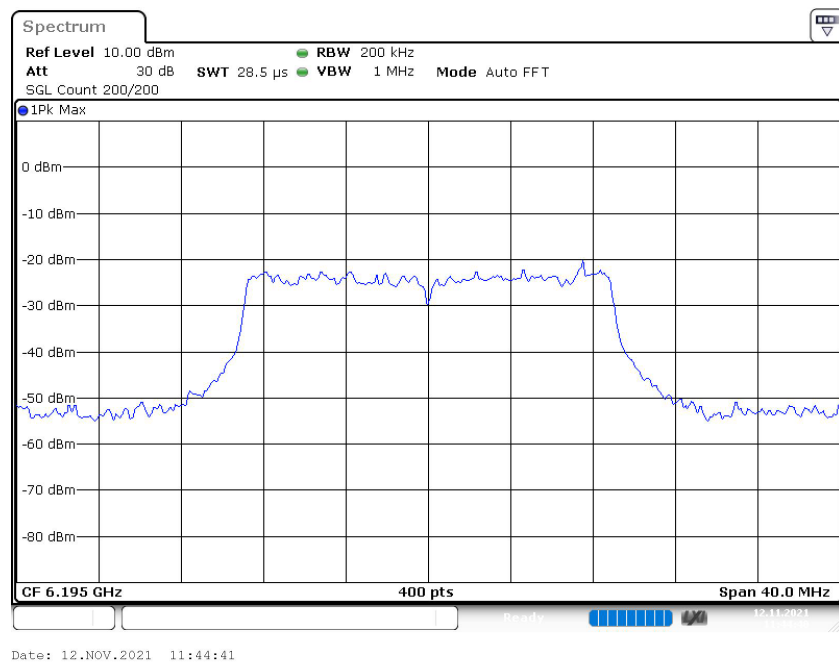
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6195.000000	21.300000	---	320.000000	6184.550000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R (MHz)	BE	Max Level (dBm)	Result
6195.000000	6205.850000		---	-5.2	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6195.000000	PASS

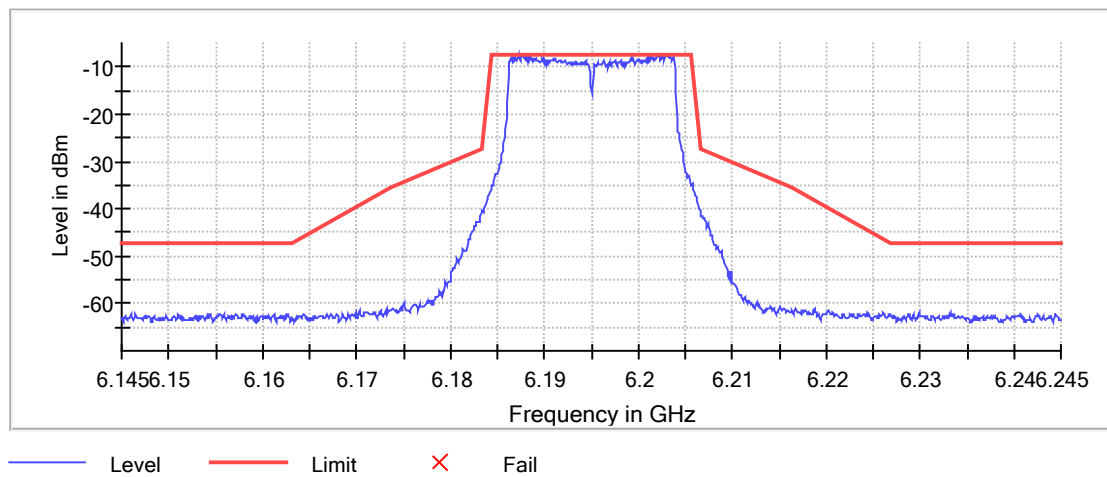
Inband Peak

Frequency (MHz)	Level (dBm)
6202.850000	-7.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6202.850000	-7.4	0.0	-7.4	PASS
6202.550000	-7.4	0.0	-7.4	PASS
6202.950000	-7.5	0.1	-7.4	PASS
6187.250000	-7.5	0.1	-7.4	PASS
6187.650000	-7.5	0.1	-7.4	PASS
6201.350000	-7.7	0.3	-7.4	PASS
6187.750000	-7.7	0.3	-7.4	PASS
6202.250000	-7.7	0.3	-7.4	PASS
6203.450000	-7.7	0.3	-7.4	PASS
6187.850000	-7.8	0.3	-7.4	PASS
6203.150000	-7.8	0.4	-7.4	PASS
6201.950000	-7.8	0.4	-7.4	PASS
6186.650000	-7.8	0.4	-7.4	PASS
6203.850000	-7.8	0.4	-7.4	PASS
6202.050000	-7.8	0.4	-7.4	PASS

In Band



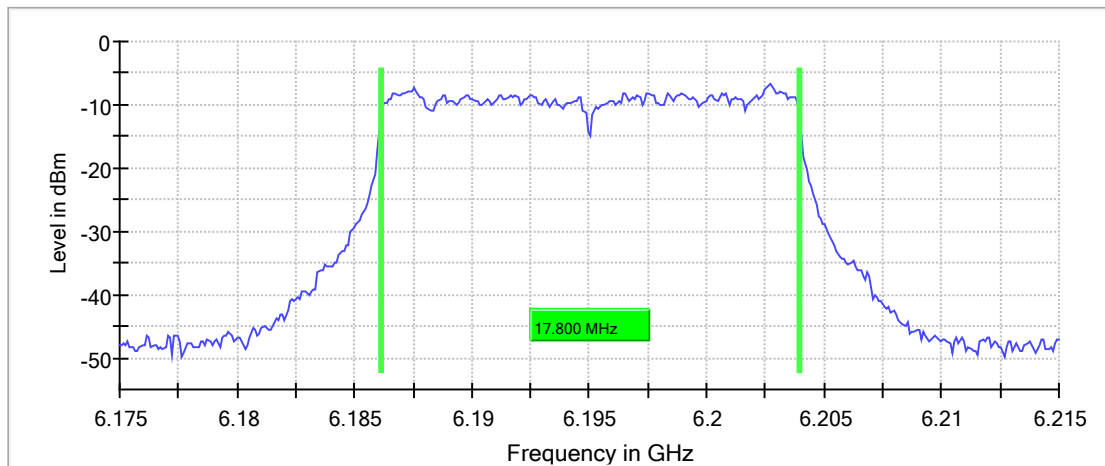
Occupied Channel Bandwidth 99% (6195 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

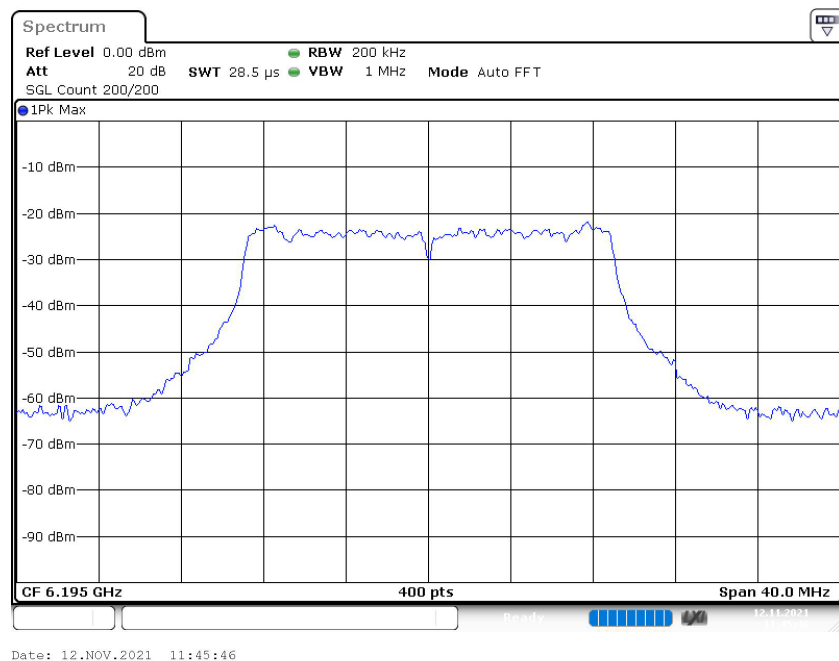
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6195.000000	17.800000	---	320.000000	6186.150000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6195.000000	6203.950000	7125.000000	PASS

99 % Bandwidth



Bandwidth



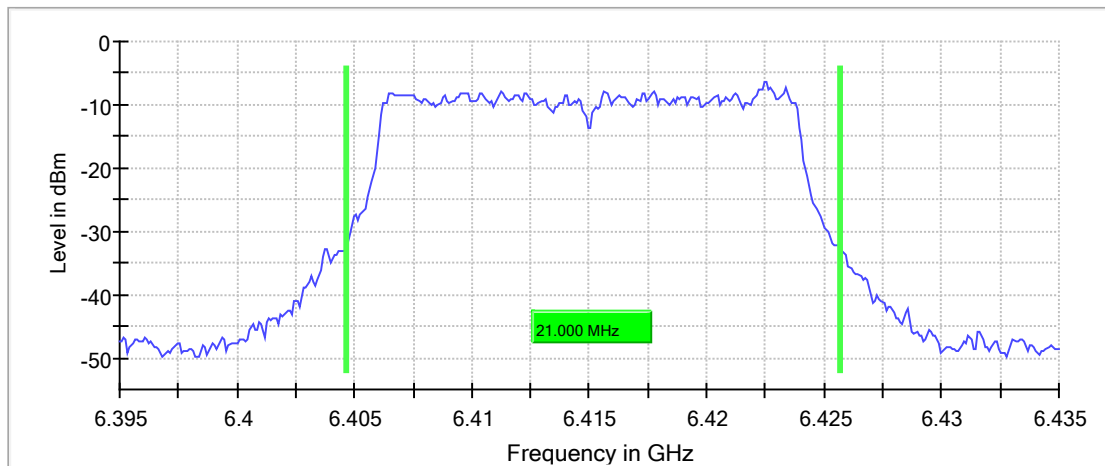
Emission Bandwidth 26 dB (6415 MHz; 24.000 dBm; 20 MHz)

26 dB Bandwidth

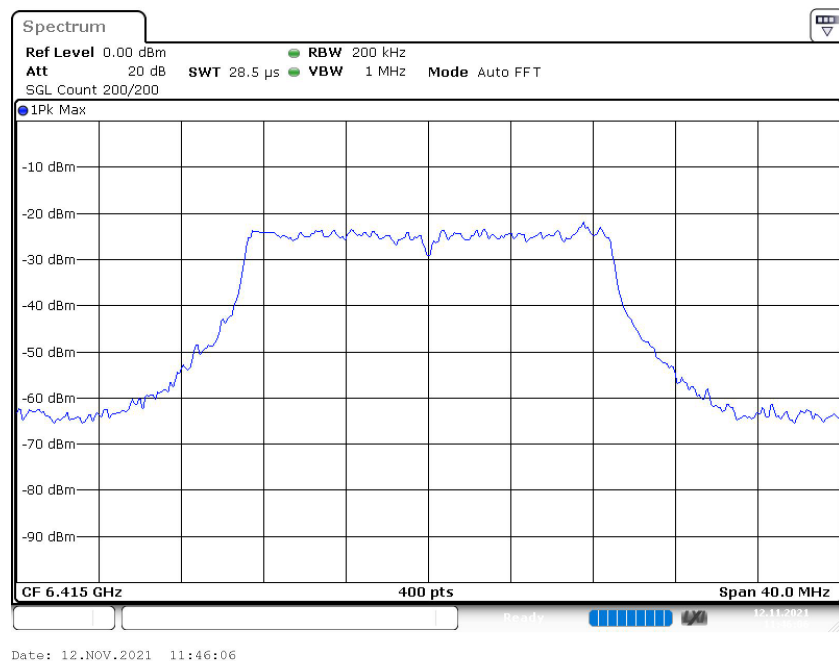
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6415.000000	21.000000	---	320.000000	6404.650000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R (MHz)	Max Level (dBm)	Result
6415.000000	6425.650000	---	-6.3	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6415.000000	PASS

Inband Peak

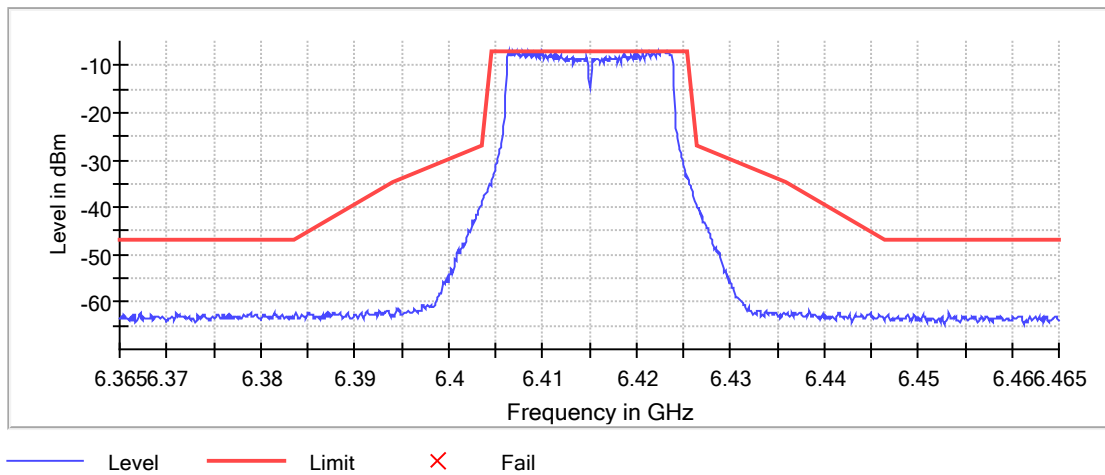
Frequency (MHz)	Level (dBm)
6408.850000	-6.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6408.750000	-7.0	0.2	-6.8	PASS

6407.950000	-7.0	0.2	-6.8	PASS
6422.850000	-7.0	0.2	-6.8	PASS
6422.650000	-7.1	0.3	-6.8	PASS
6410.050000	-7.1	0.3	-6.8	PASS
6407.250000	-7.1	0.3	-6.8	PASS
6422.250000	-7.1	0.3	-6.8	PASS
6408.550000	-7.1	0.3	-6.8	PASS
6422.950000	-7.1	0.3	-6.8	PASS
6406.350000	-7.1	0.3	-6.8	PASS
6423.450000	-7.2	0.3	-6.8	PASS
6421.250000	-7.2	0.4	-6.8	PASS
6422.750000	-7.2	0.4	-6.8	PASS
6406.950000	-7.2	0.4	-6.8	PASS
6407.350000	-7.3	0.5	-6.8	PASS

In Band



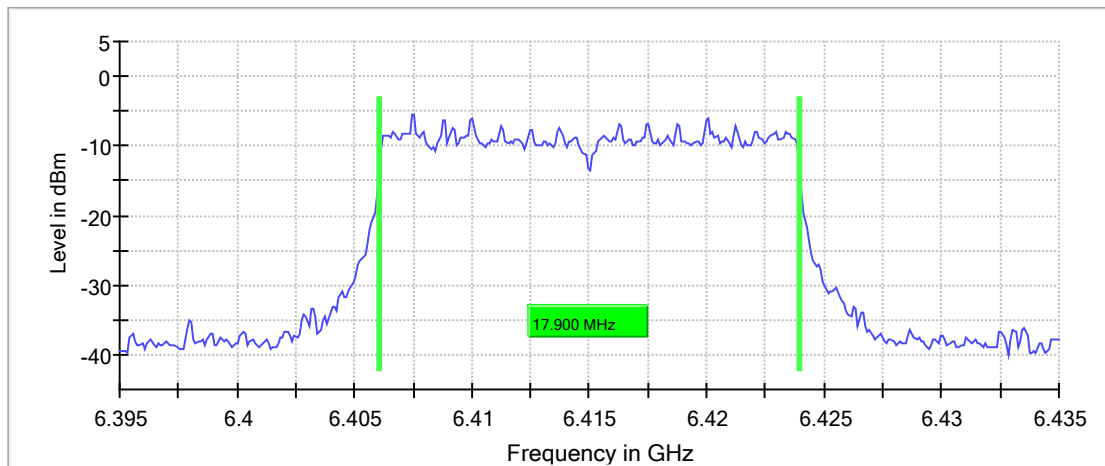
Occupied Channel Bandwidth 99% (6415 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

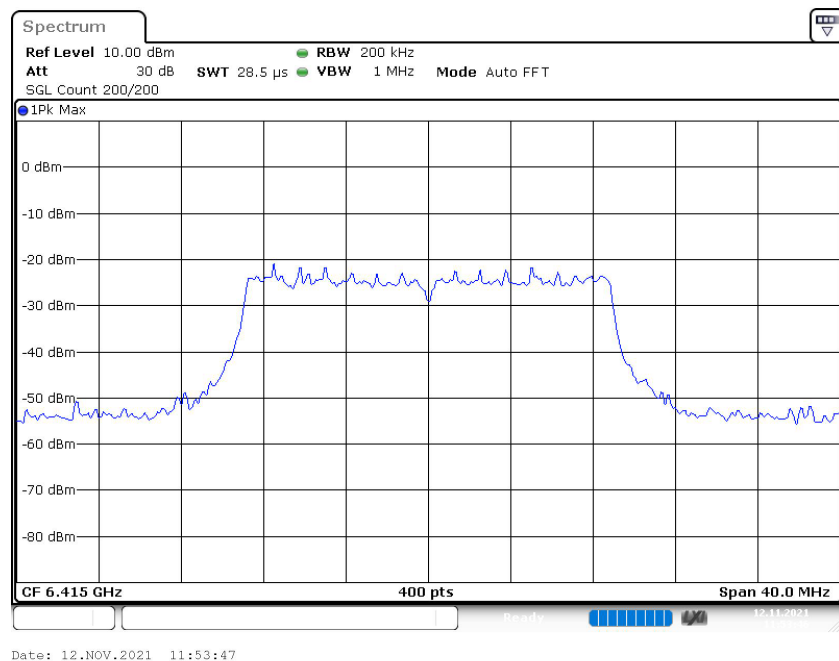
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6415.000000	17.900000	---	320.000000	6406.050000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6415.000000	6423.950000	7125.000000	PASS

99 % Bandwidth



Bandwidth



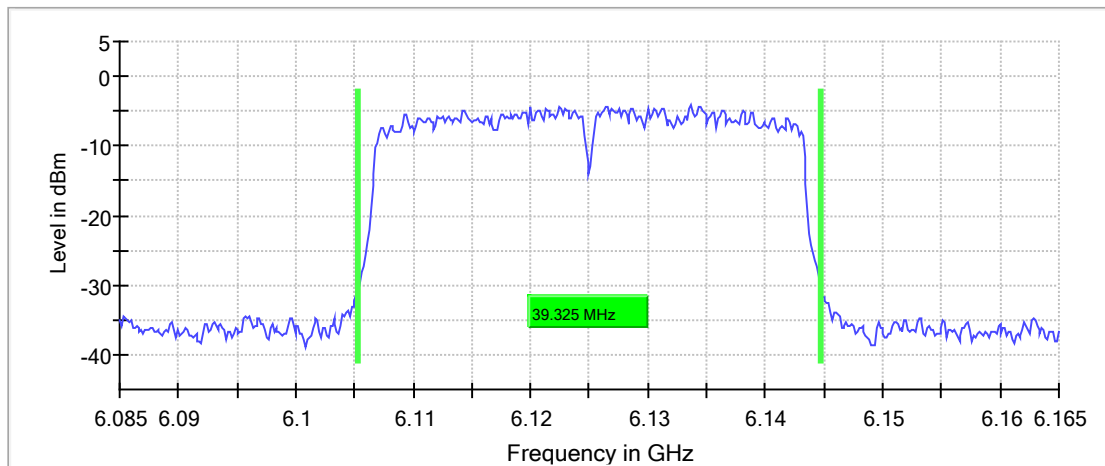
Emission Bandwidth 26 dB (6125 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

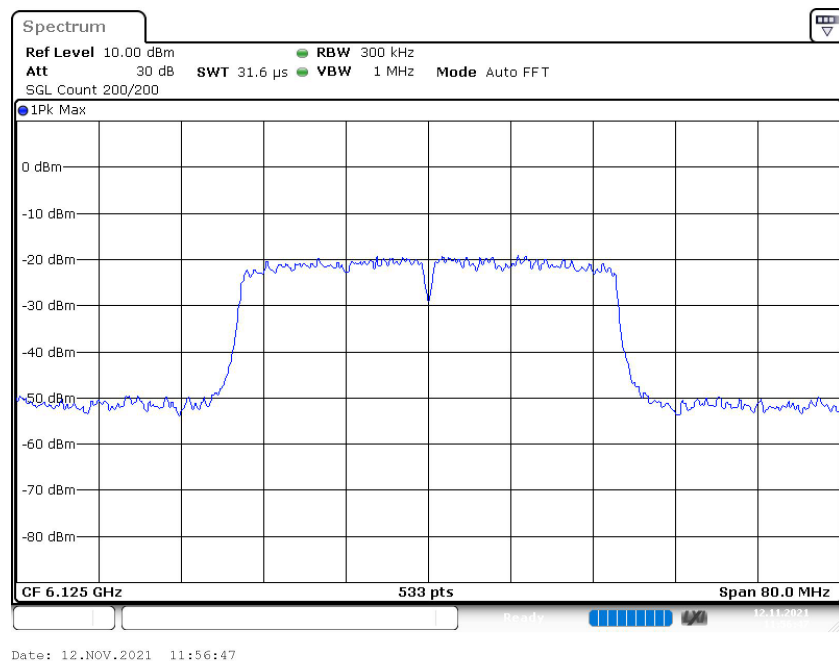
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6125.000000	39.324578	---	320.000000	6105.337711	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6125.000000	6144.662289	---	-4.2	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6125 MHz; 24.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Result
6125.000000	PASS

Inband Peak

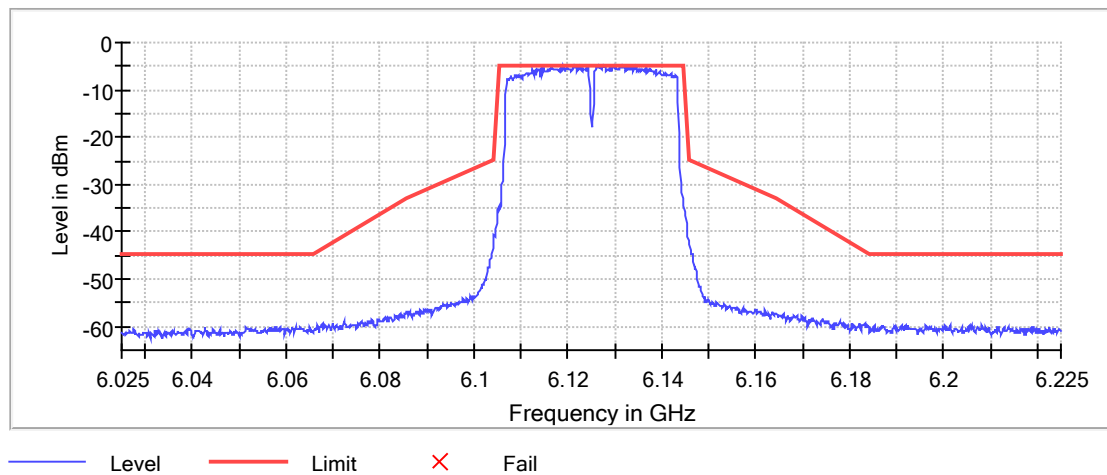
Frequency (MHz)	Level (dBm)
6121.699175	-4.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6127.400600	-4.8	0.0	-4.7	PASS
6126.800450	-4.8	0.1	-4.7	PASS

6121.549137	-4.9	0.1	-4.7	PASS
6118.998500	-4.9	0.1	-4.7	PASS
6119.148537	-4.9	0.2	-4.7	PASS
6132.651913	-4.9	0.2	-4.7	PASS
6127.550638	-4.9	0.2	-4.7	PASS
6126.350338	-5.0	0.2	-4.7	PASS
6131.301575	-5.0	0.3	-4.7	PASS
6129.651163	-5.0	0.3	-4.7	PASS
6127.850713	-5.1	0.3	-4.7	PASS
6121.399100	-5.1	0.4	-4.7	PASS
6126.200300	-5.1	0.4	-4.7	PASS
6131.601650	-5.1	0.4	-4.7	PASS
6126.500375	-5.1	0.4	-4.7	PASS

In Band



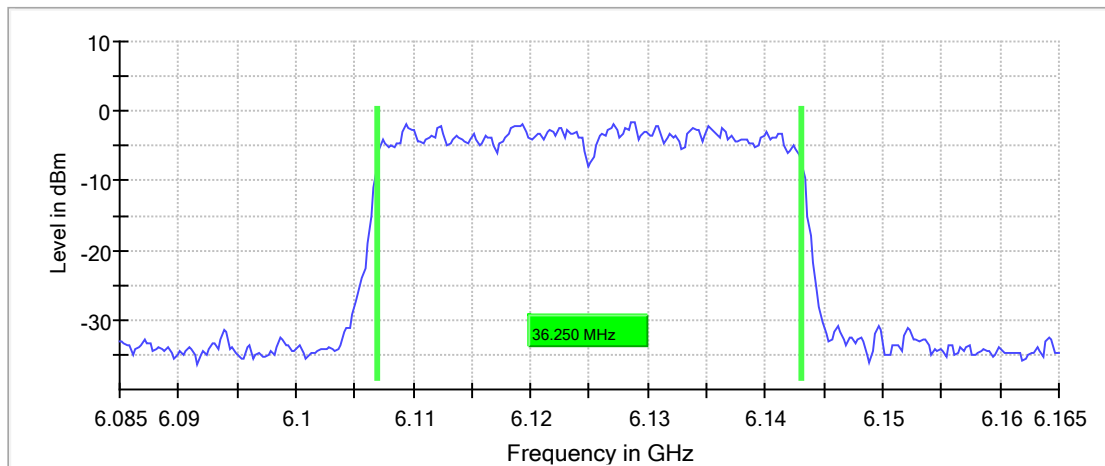
Occupied Channel Bandwidth 99% (6125 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

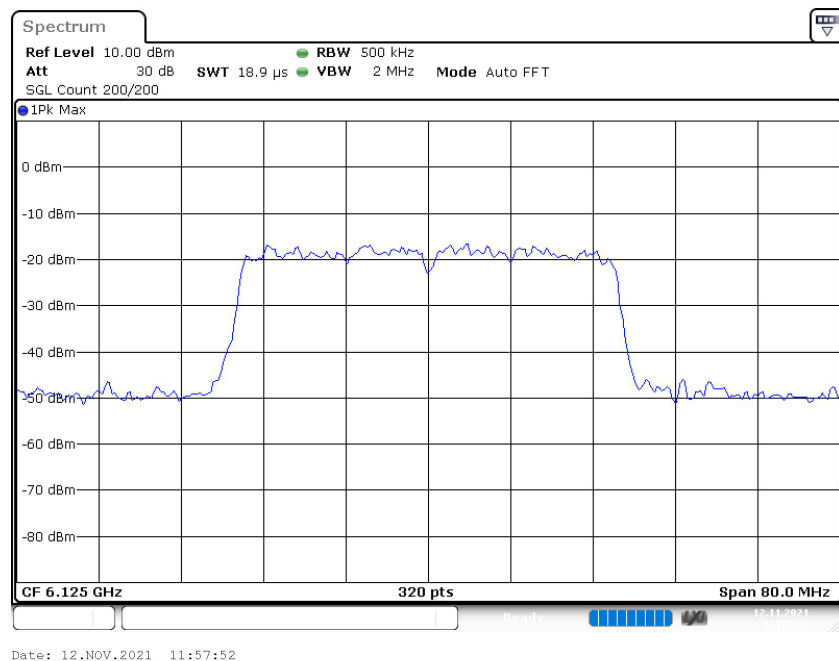
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6125.000000	36.250000	---	320.000000	6106.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6125.000000	6143.125000	7125.000000	PASS

99 % Bandwidth



Bandwidth



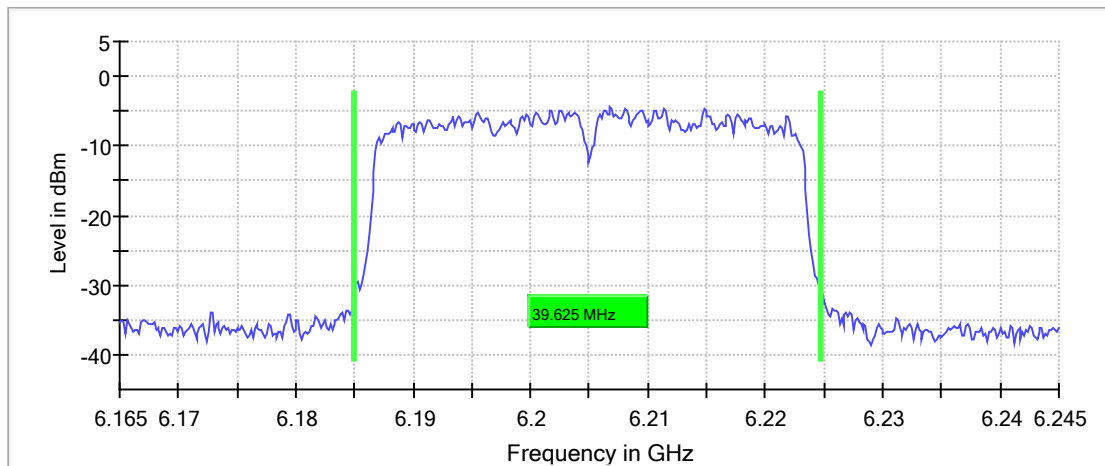
Emission Bandwidth 26 dB (6205 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

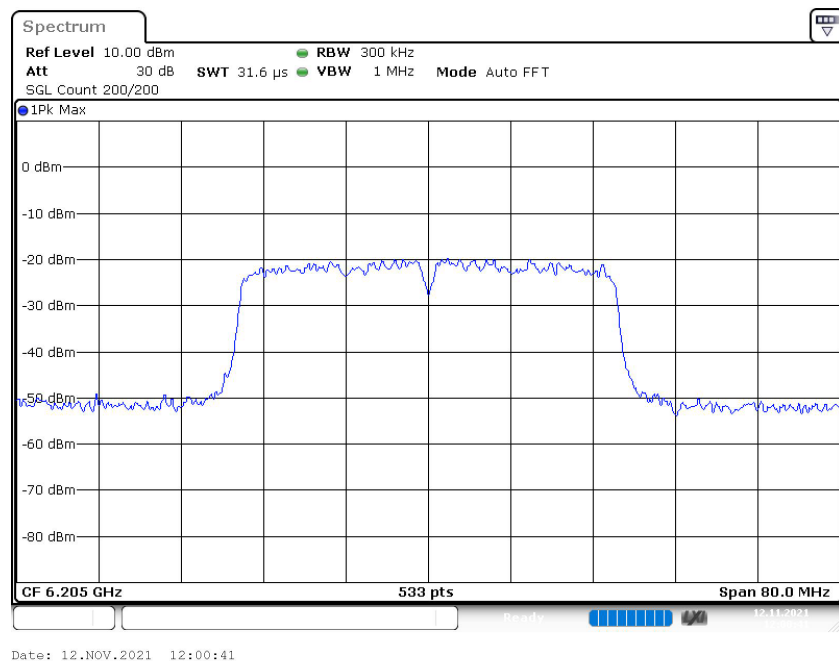
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6205.000000	39.624766	---	320.000000	6185.037523	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6205.000000	6224.662289	---	-4.5	PASS

26 dB Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6205.000000	PASS

Inband Peak

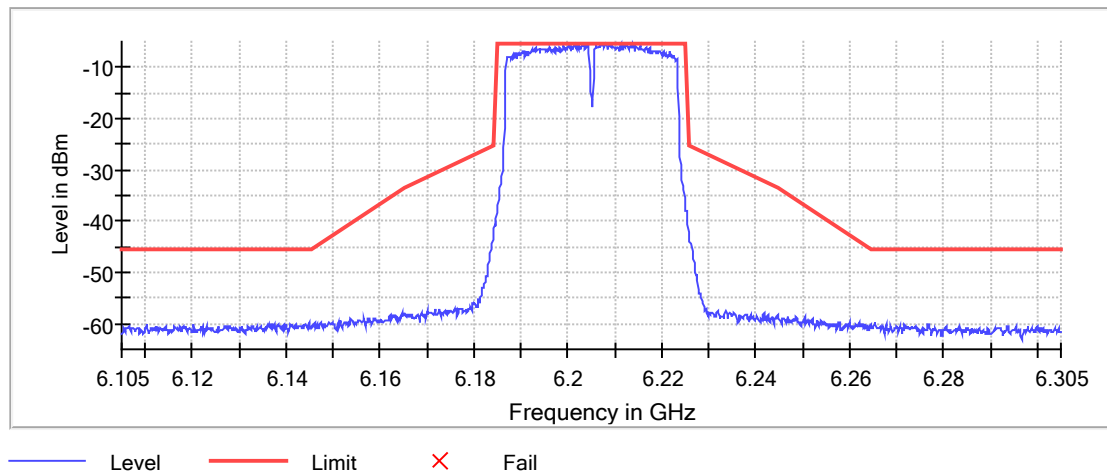
Frequency (MHz)	Level (dBm)
6201.549137	-5.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6207.550638	-5.4	0.1	-5.3	PASS

6212.651913	-5.4	0.1	-5.3	PASS
6206.050263	-5.5	0.1	-5.3	PASS
6208.900975	-5.5	0.1	-5.3	PASS
6208.000750	-5.5	0.1	-5.3	PASS
6203.199550	-5.5	0.1	-5.3	PASS
6208.150788	-5.5	0.2	-5.3	PASS
6211.301575	-5.5	0.2	-5.3	PASS
6214.002251	-5.6	0.2	-5.3	PASS
6207.400600	-5.6	0.2	-5.3	PASS
6211.751688	-5.6	0.3	-5.3	PASS
6201.399100	-5.6	0.3	-5.3	PASS
6206.650413	-5.6	0.3	-5.3	PASS
6212.351838	-5.7	0.4	-5.3	PASS
6215.352588	-5.7	0.4	-5.3	PASS

In Band



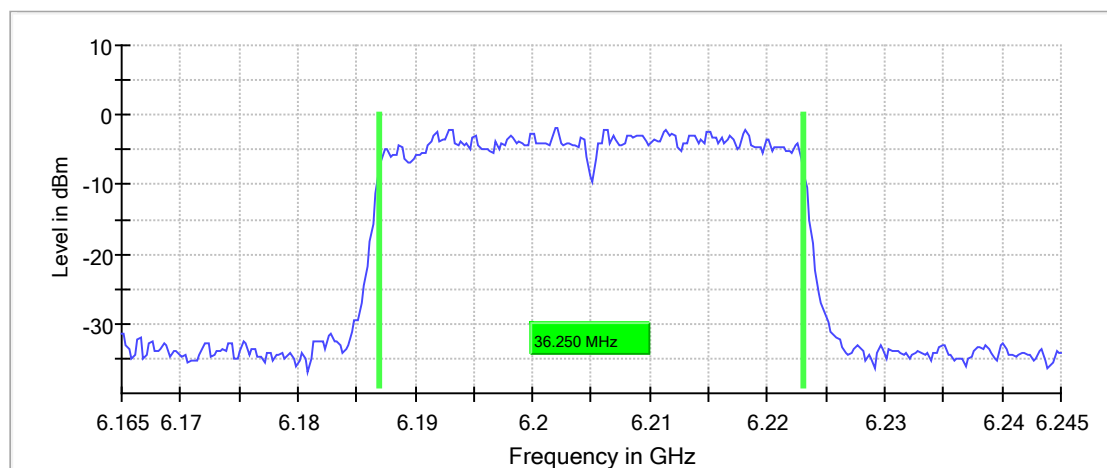
Occupied Channel Bandwidth 99% (6205 MHz; 24.000 dBm; 40 MHz)

99 % Bandwidth

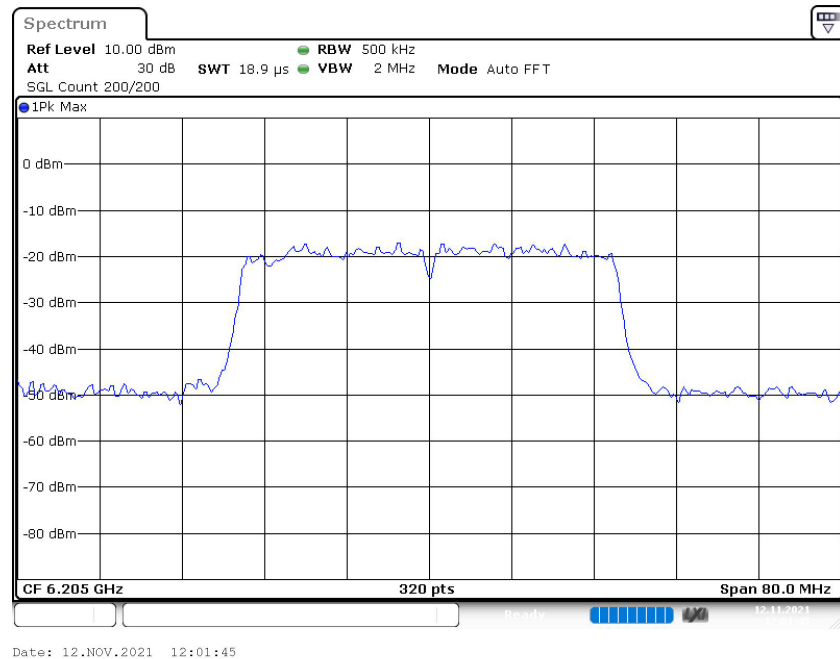
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6205.000000	36.250000	---	320.000000	6186.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Result
6205.000000	6223.125000	7125.000000	PASS

99 % Bandwidth



Bandwidth



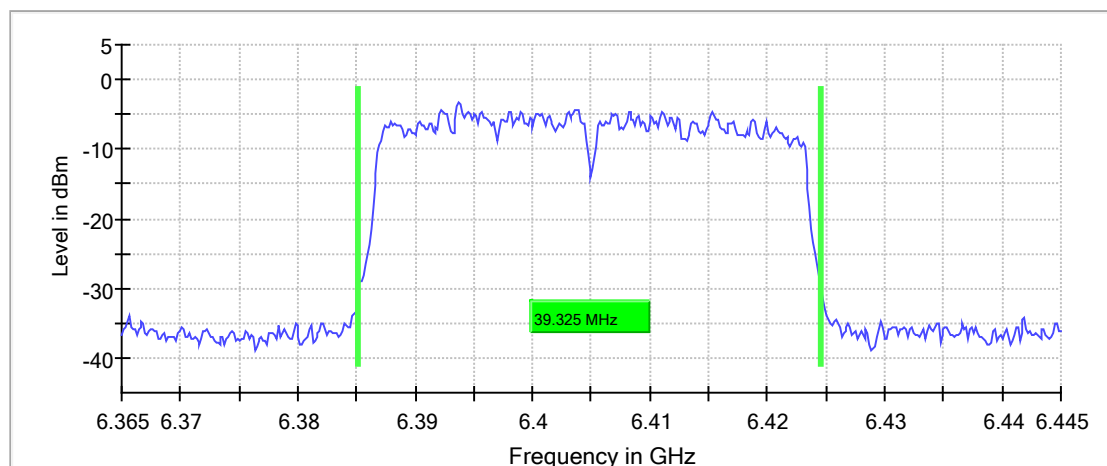
Emission Bandwidth 26 dB (6405 MHz; 24.000 dBm; 40 MHz)

26 dB Bandwidth

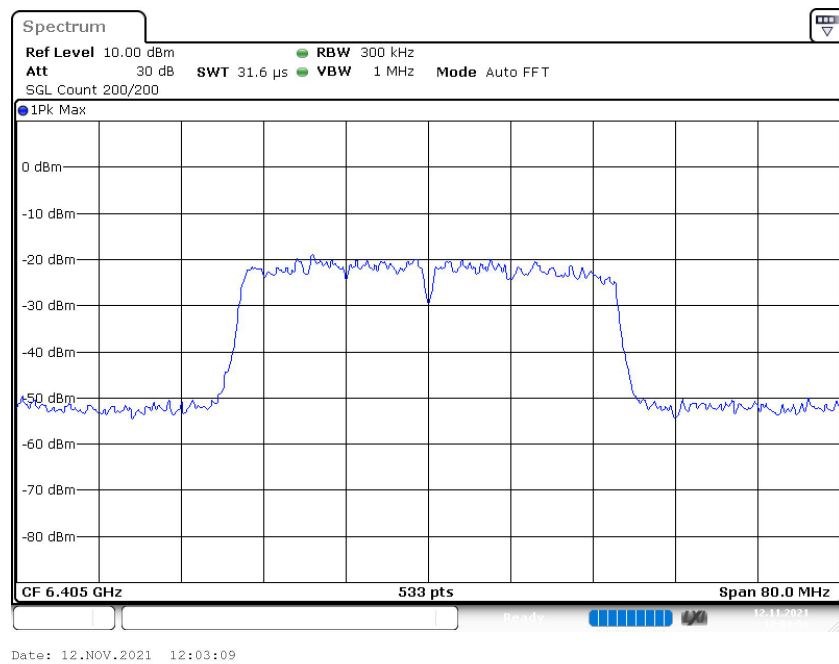
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6405.000000	39.324578	---	320.000000	6385.187617	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6405.000000	6424.512195	---	-3.4	PASS

26 dB Bandwidth



Bandwidth



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

Result

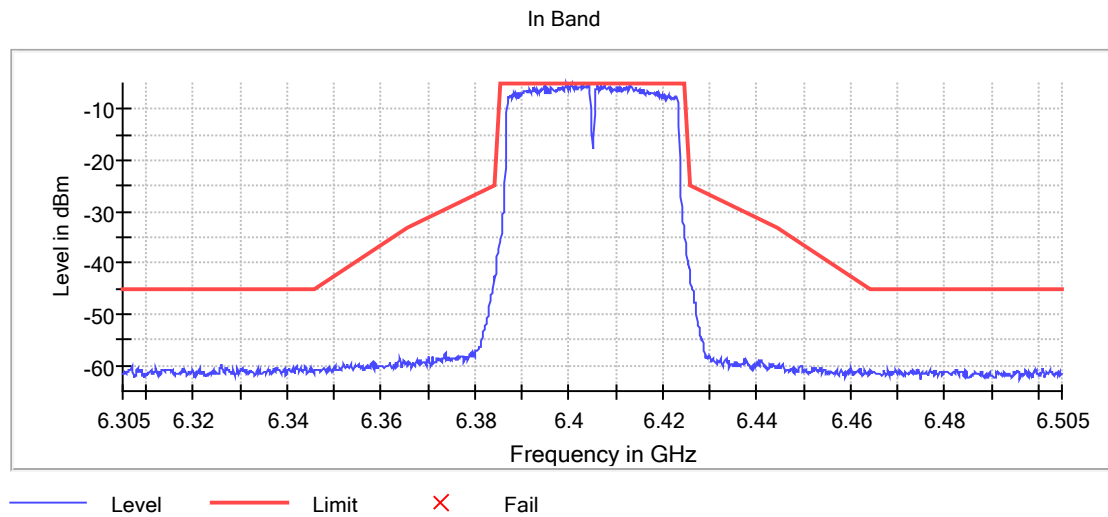
DUT Frequency (MHz)	Result
6405.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6399.598650	-5.0

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6399.598650	-5.0	0.0	-5.0	PASS
6400.648912	-5.1	0.1	-5.0	PASS
6400.498875	-5.2	0.2	-5.0	PASS
6406.200300	-5.2	0.2	-5.0	PASS
6400.048762	-5.3	0.3	-5.0	PASS
6401.399100	-5.3	0.3	-5.0	PASS
6413.102026	-5.3	0.3	-5.0	PASS
6400.798950	-5.4	0.4	-5.0	PASS
6403.199550	-5.4	0.4	-5.0	PASS
6402.749437	-5.4	0.4	-5.0	PASS
6394.797449	-5.5	0.5	-5.0	PASS
6406.800450	-5.5	0.5	-5.0	PASS
6407.700675	-5.5	0.5	-5.0	PASS
6403.799700	-5.5	0.5	-5.0	PASS
6404.249812	-5.5	0.5	-5.0	PASS

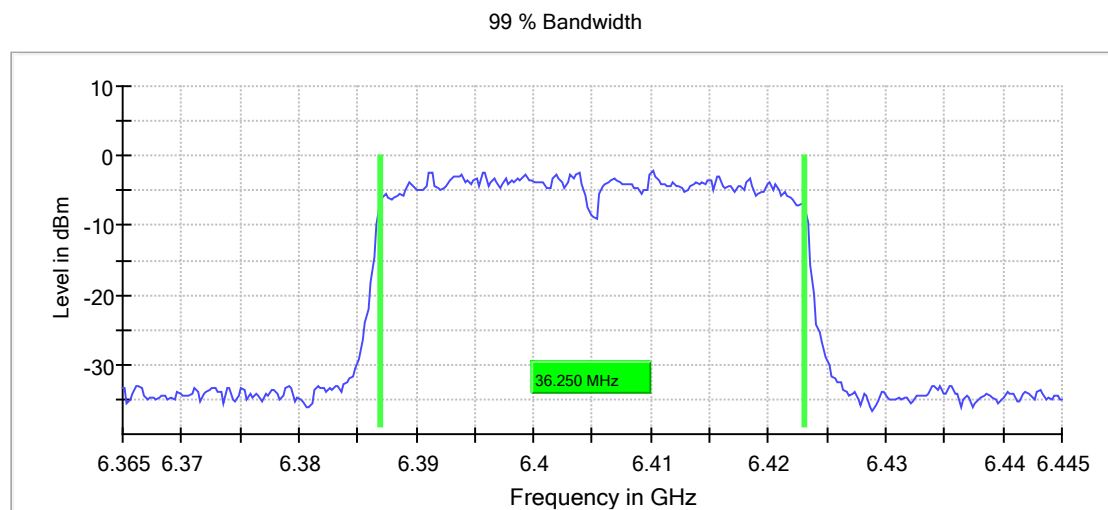


Occupied Channel Bandwidth 99% (6405 MHz; 24.000 dBm; 40 MHz)

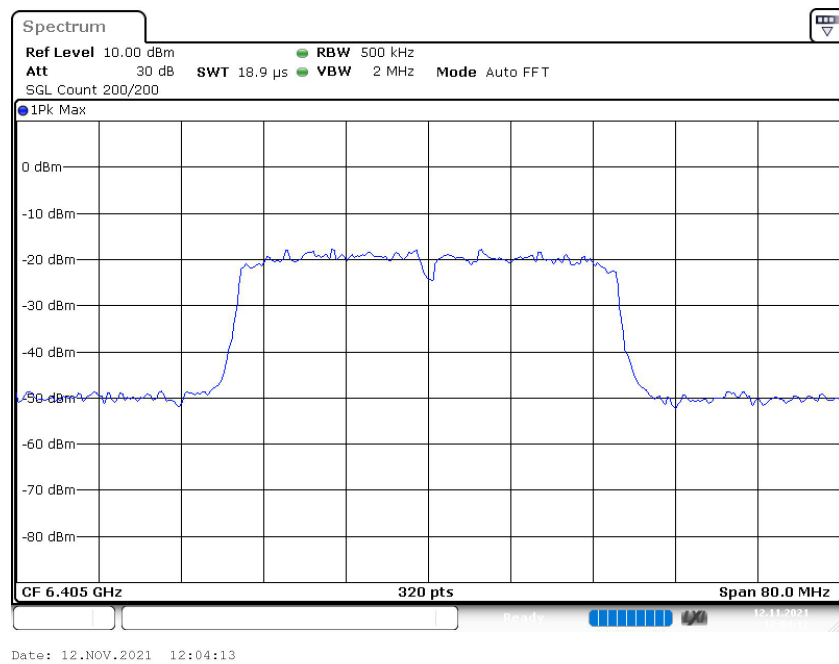
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6405.000000	36.250000	---	320.000000	6386.875000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6405.000000	6423.125000	7125.000000	PASS



Bandwidth



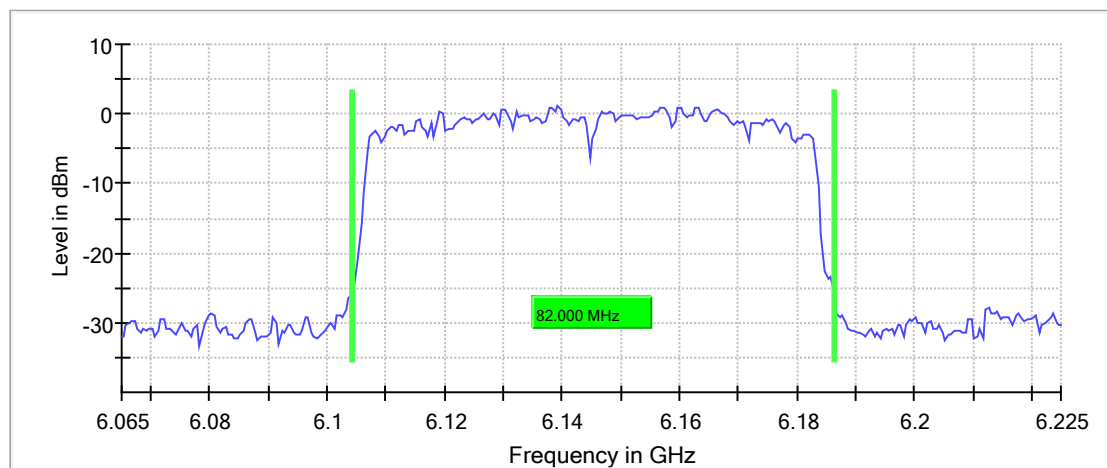
Emission Bandwidth 26 dB (6145 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

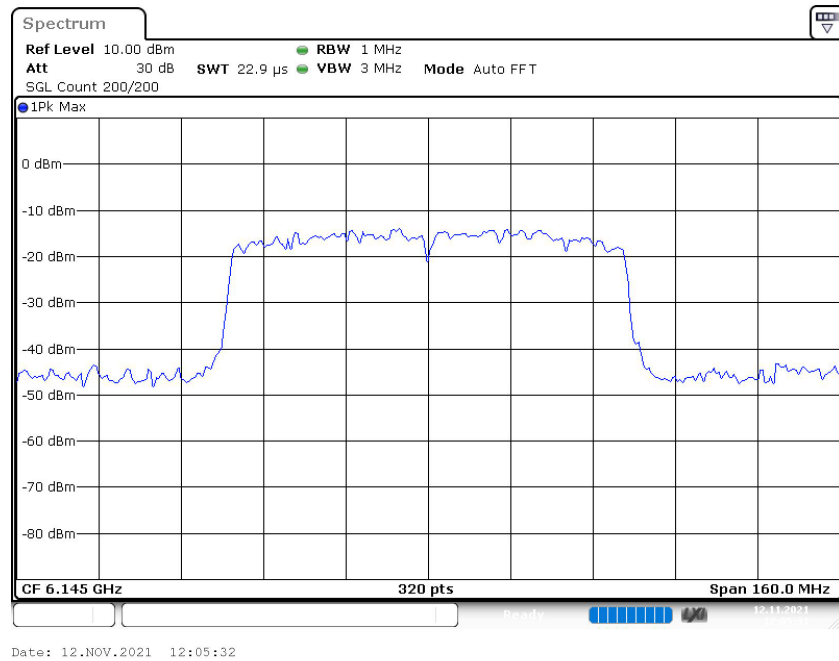
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6145.000000	82.000000	---	320.000000	6104.250000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
6145.000000	6186.250000	---	1.1	PASS

26 dB Bandwidth



Bandwidth



In-Band Emissions (6145 MHz; 24.000 dBm; 80 MHz)

Result

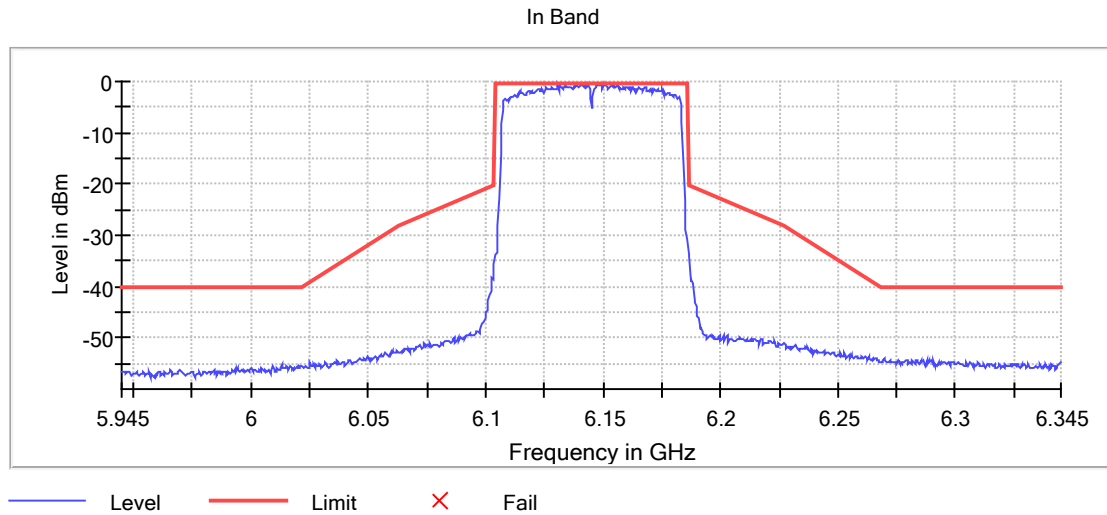
DUT Frequency (MHz)	Result
6145.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6150.750000	-0.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6142.750000	-0.4	0.1	-0.3	PASS
6147.750000	-0.6	0.3	-0.3	PASS
6143.750000	-0.6	0.3	-0.3	PASS
6140.250000	-0.6	0.3	-0.3	PASS
6142.250000	-0.7	0.4	-0.3	PASS
6134.250000	-0.7	0.4	-0.3	PASS
6148.750000	-0.7	0.4	-0.3	PASS
6141.250000	-0.7	0.4	-0.3	PASS
6149.250000	-0.7	0.4	-0.3	PASS
6130.750000	-0.8	0.5	-0.3	PASS
6137.750000	-0.8	0.5	-0.3	PASS
6138.750000	-0.8	0.5	-0.3	PASS
6153.250000	-0.8	0.5	-0.3	PASS
6154.750000	-0.8	0.5	-0.3	PASS
6155.750000	-0.8	0.5	-0.3	PASS



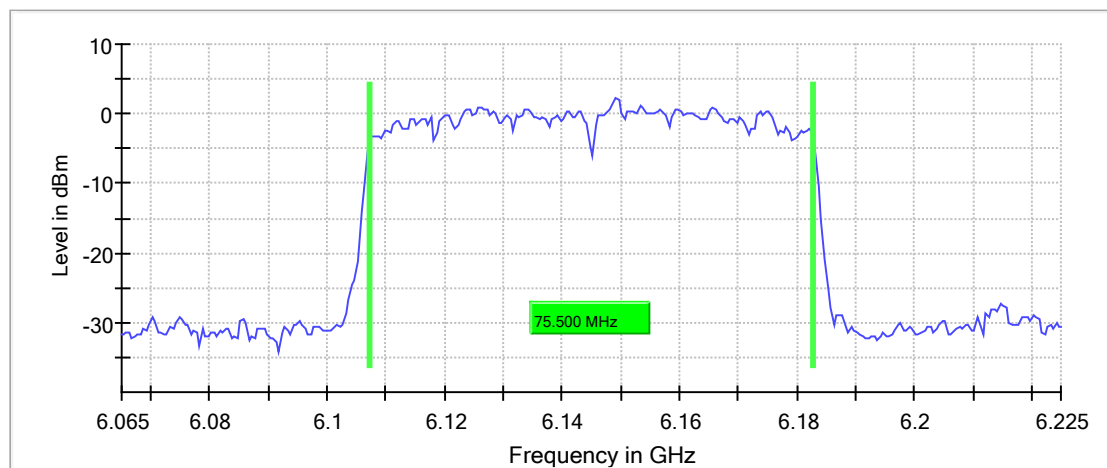
Occupied Channel Bandwidth 99% (6145 MHz; 24.000 dBm; 80 MHz)

99 % Bandwidth

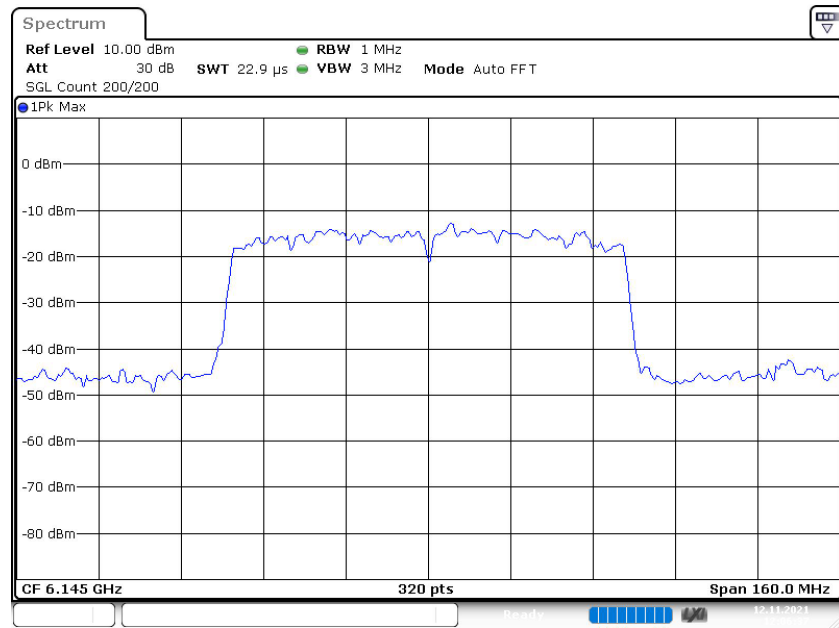
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6145.000000	75.500000	---	320.000000	6107.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6145.000000	6182.750000	7125.000000	PASS

99 % Bandwidth



Bandwidth



Date: 12.NOV.2021 12:06:38

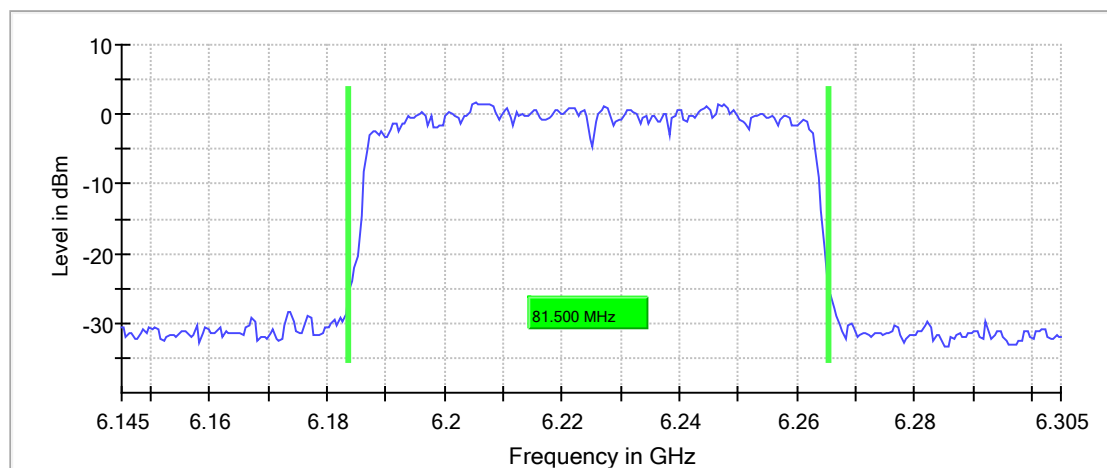
Emission Bandwidth 26 dB (6225 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

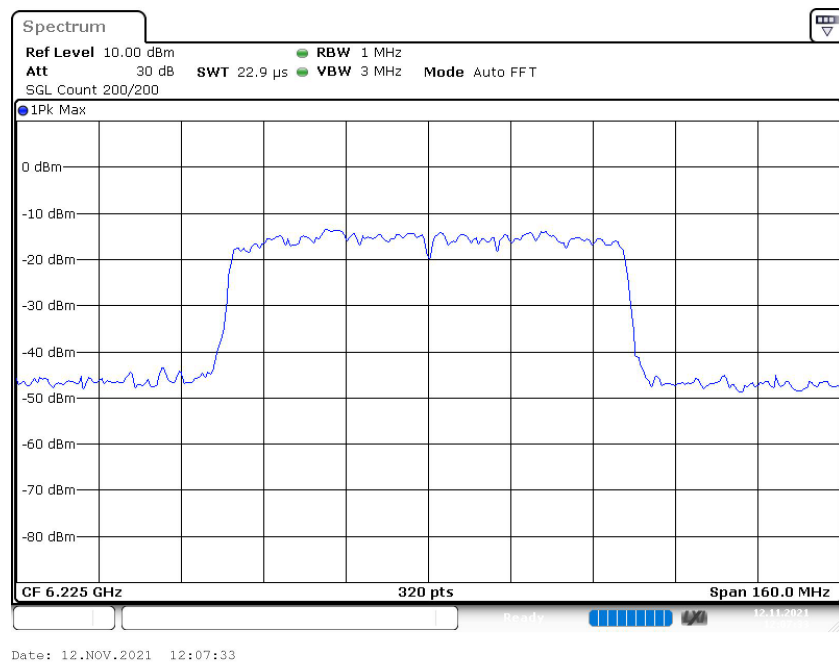
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6225.000000	81.500000	---	320.000000	6183.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6225.000000	6265.250000	---	1.6	PASS

26 dB Bandwidth



Bandwidth



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

Result

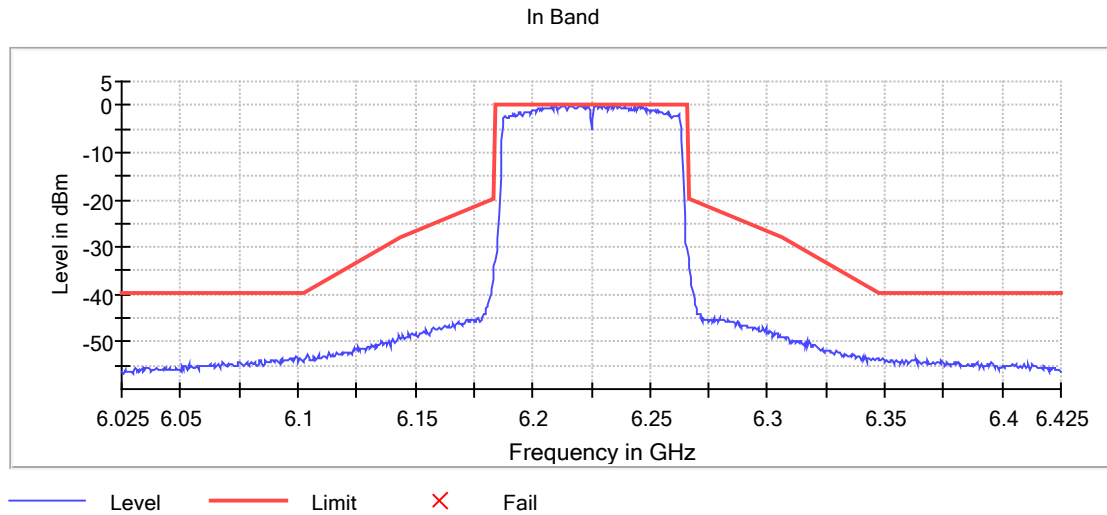
DUT Frequency (MHz)	Result
6225.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6220.250000	0.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6220.250000	0.2	0.0	0.2	PASS
6235.250000	0.0	0.1	0.2	PASS
6233.250000	0.0	0.1	0.2	PASS
6227.250000	0.0	0.1	0.2	PASS
6213.250000	0.0	0.2	0.2	PASS
6222.750000	0.0	0.2	0.2	PASS
6209.750000	-0.1	0.2	0.2	PASS
6228.750000	-0.1	0.3	0.2	PASS
6227.750000	-0.1	0.3	0.2	PASS
6219.250000	-0.1	0.3	0.2	PASS
6213.750000	-0.1	0.3	0.2	PASS
6216.250000	-0.1	0.3	0.2	PASS
6232.750000	-0.2	0.3	0.2	PASS
6212.250000	-0.2	0.3	0.2	PASS
6216.750000	-0.2	0.3	0.2	PASS

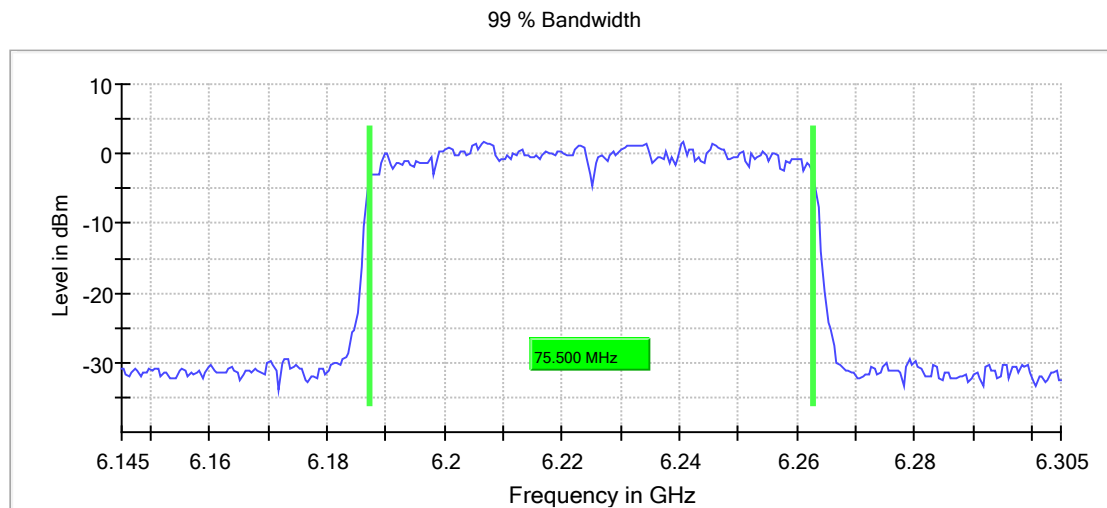


Occupied Channel Bandwidth 99% (6225 MHz; 24.000 dBm; 80 MHz)

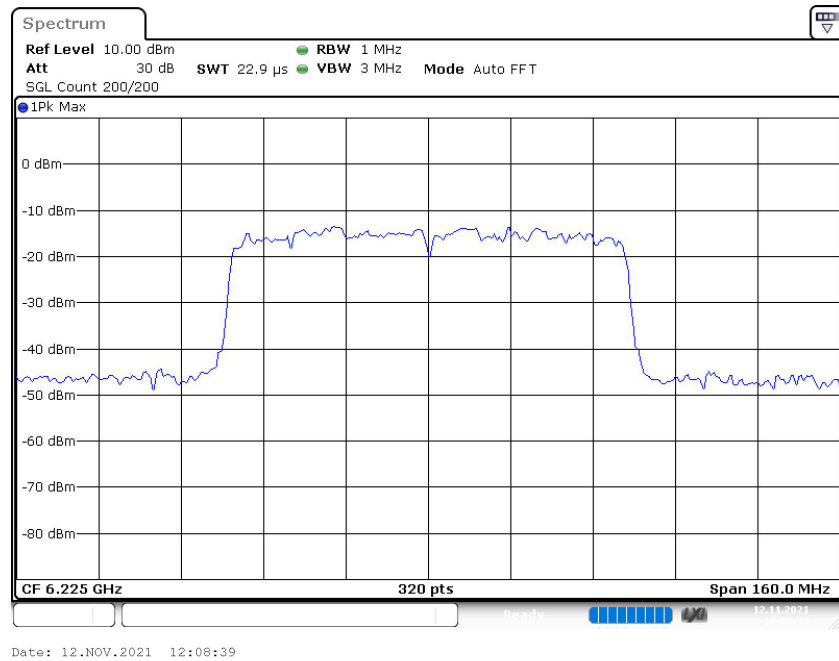
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6225.000000	75.500000	---	320.000000	6187.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6225.000000	6262.750000	7125.000000	PASS



Bandwidth



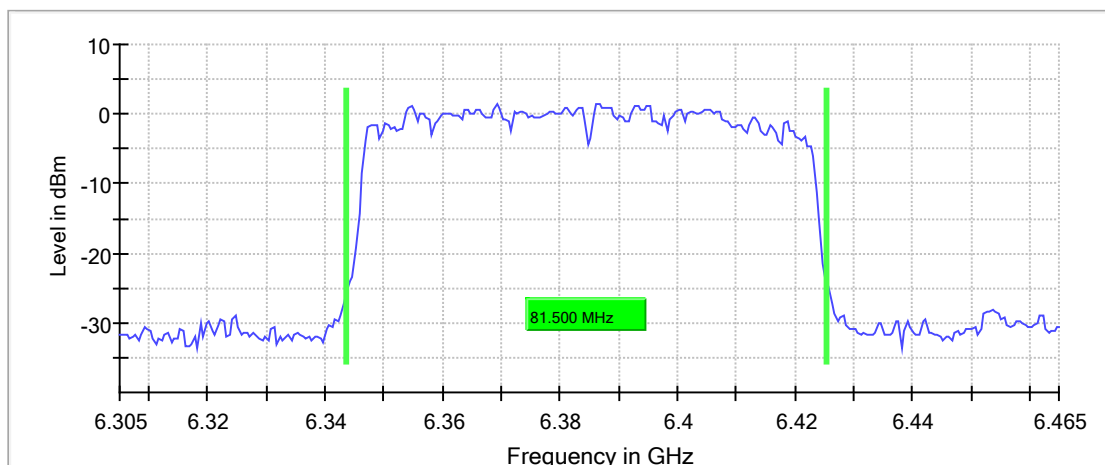
Emission Bandwidth 26 dB (6385 MHz; 24.000 dBm; 80 MHz)

26 dB Bandwidth

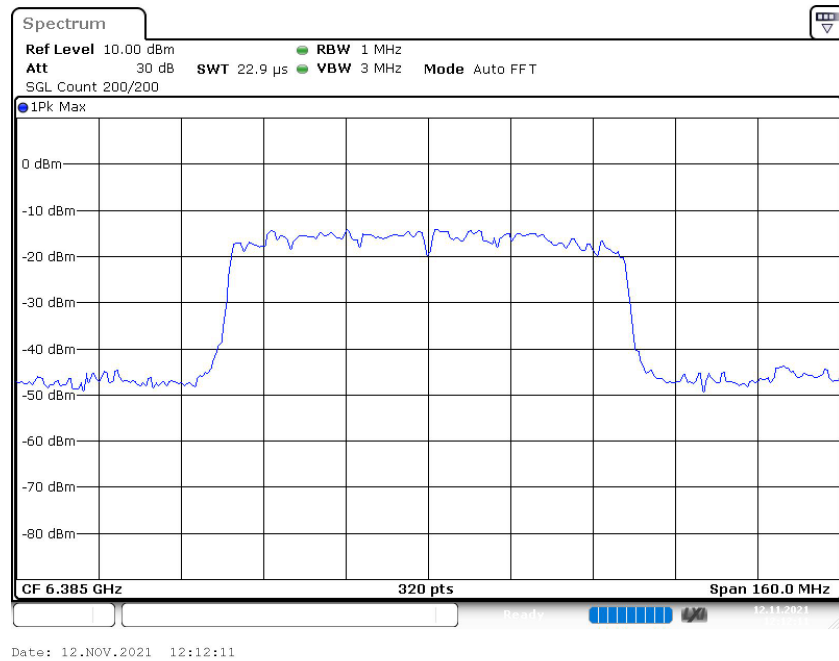
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6385.000000	81.500000	---	320.000000	6343.750000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
6385.000000	6425.250000	---	1.5	PASS

26 dB Bandwidth



Bandwidth



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

Result

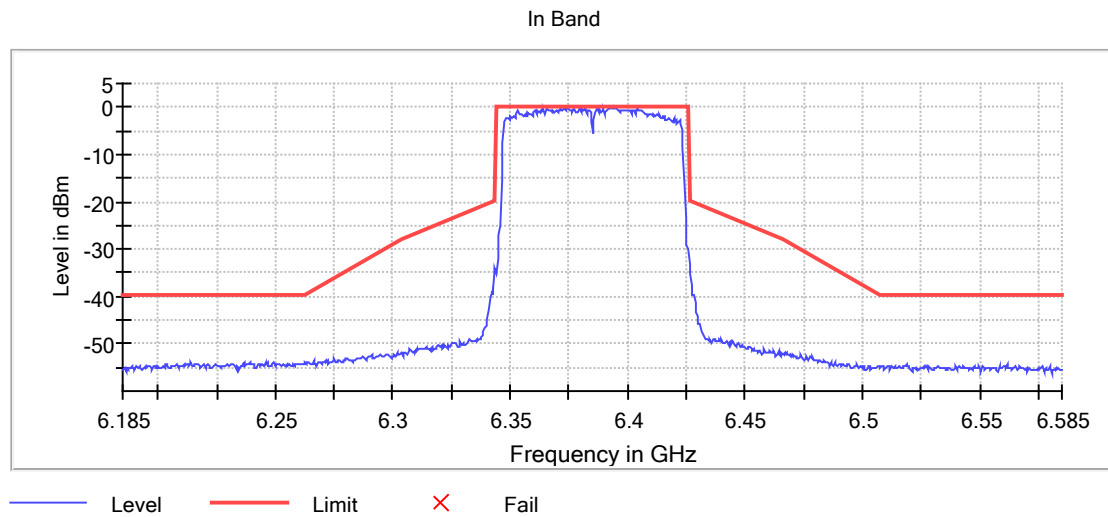
DUT Frequency (MHz)	Result
6385.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6393.250000	0.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6393.250000	0.2	0.0	0.2	PASS
6377.250000	-0.1	0.3	0.2	PASS
6379.750000	-0.2	0.3	0.2	PASS
6391.750000	-0.2	0.3	0.2	PASS
6386.750000	-0.3	0.4	0.2	PASS
6395.250000	-0.3	0.4	0.2	PASS
6374.250000	-0.3	0.4	0.2	PASS
6394.750000	-0.3	0.4	0.2	PASS
6372.750000	-0.3	0.5	0.2	PASS
6371.750000	-0.3	0.5	0.2	PASS
6381.750000	-0.3	0.5	0.2	PASS
6389.750000	-0.4	0.5	0.2	PASS
6392.750000	-0.4	0.5	0.2	PASS
6380.750000	-0.4	0.5	0.2	PASS
6387.250000	-0.4	0.5	0.2	PASS

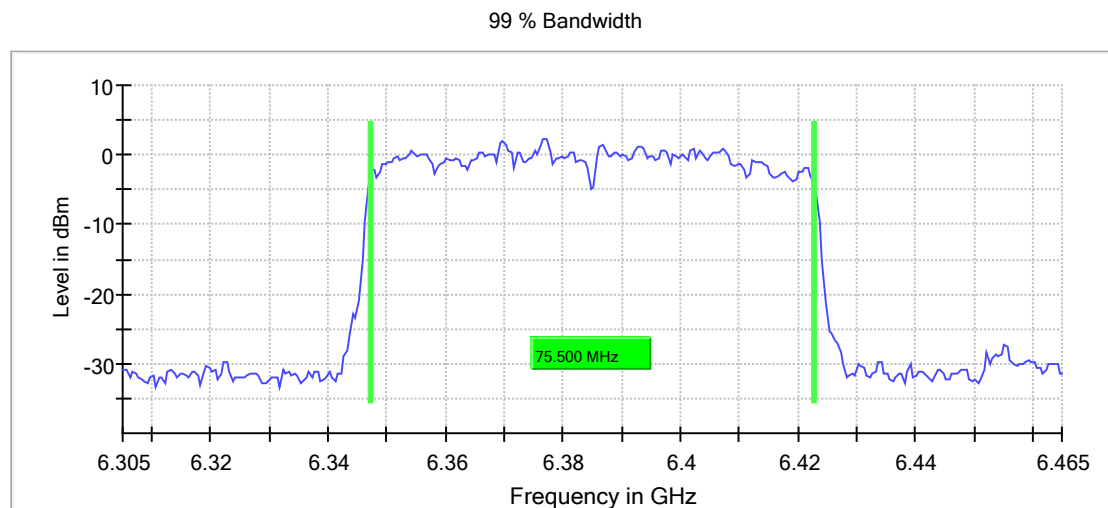


Occupied Channel Bandwidth 99% (6385 MHz; 24.000 dBm; 80 MHz)

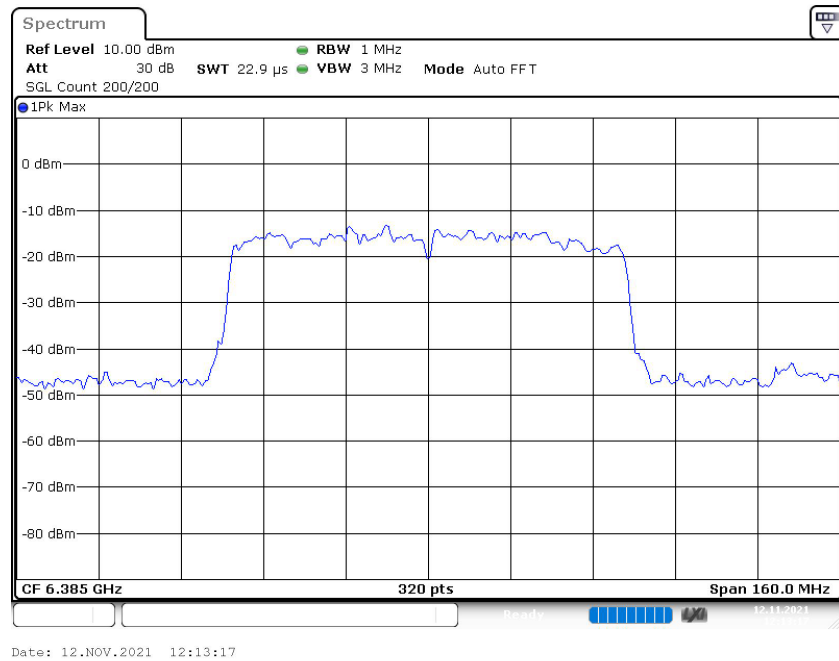
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6385.000000	75.500000	---	320.000000	6347.250000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6385.000000	6422.750000	7125.000000	PASS



Bandwidth



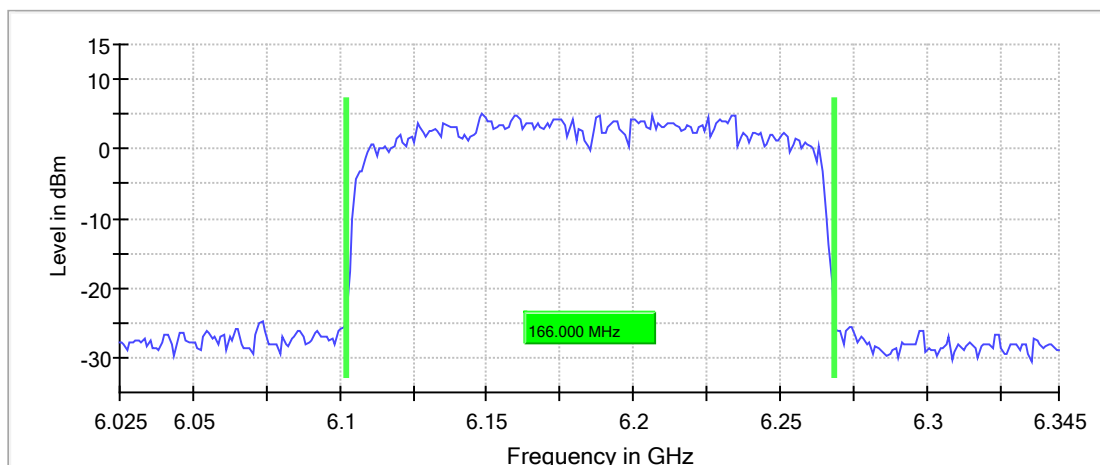
Emission Bandwidth 26 dB (6185 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

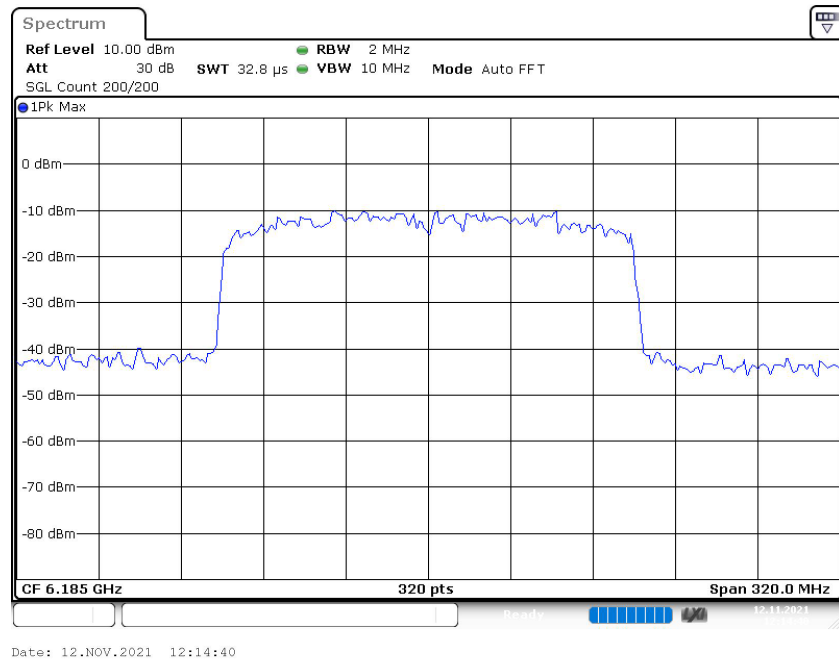
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6185.000000	166.000000	---	320.000000	6102.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Max Level (dBm)	Result
6185.000000	6268.500000	---	5.0	PASS

26 dB Bandwidth



Bandwidth



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

Result

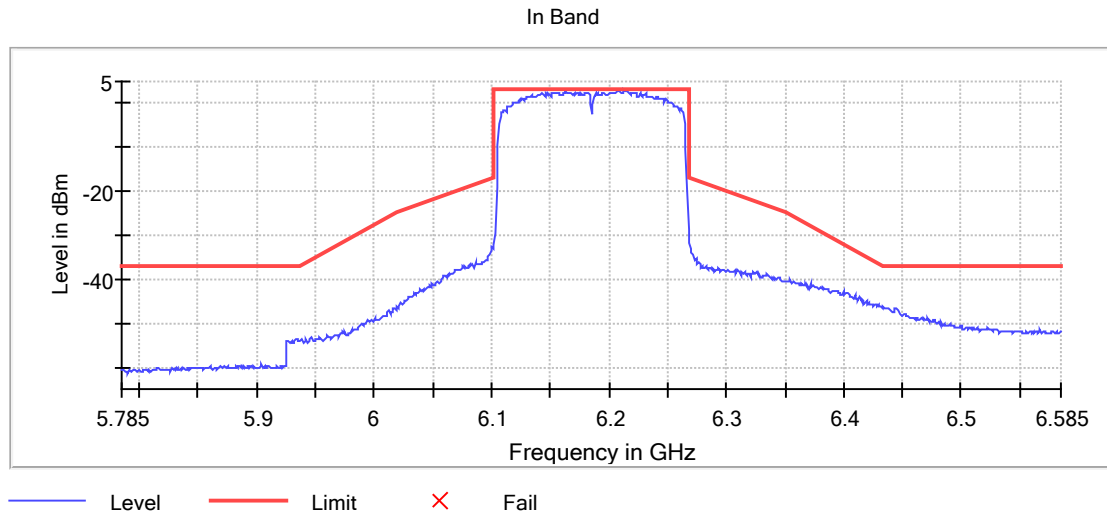
DUT Frequency (MHz)	Result
6185.000000	PASS

Inband Peak

Frequency (MHz)	Level (dBm)
6212.500000	3.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6212.500000	3.1	0.0	3.1	PASS
6215.500000	3.0	0.1	3.1	PASS
6213.500000	2.9	0.2	3.1	PASS
6209.500000	2.9	0.2	3.1	PASS
6206.500000	2.8	0.2	3.1	PASS
6208.500000	2.8	0.3	3.1	PASS
6207.500000	2.7	0.4	3.1	PASS
6214.500000	2.6	0.4	3.1	PASS
6163.500000	2.6	0.4	3.1	PASS
6203.500000	2.6	0.5	3.1	PASS
6162.500000	2.6	0.5	3.1	PASS
6157.500000	2.6	0.5	3.1	PASS
6164.500000	2.5	0.5	3.1	PASS
6190.500000	2.5	0.5	3.1	PASS
6217.500000	2.5	0.6	3.1	PASS

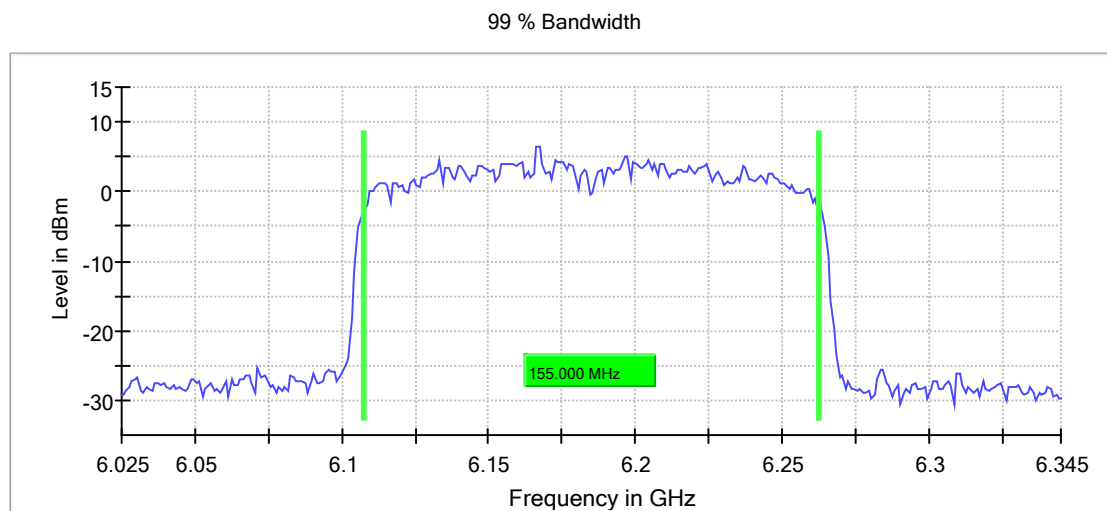


Occupied Channel Bandwidth 99% (6185 MHz; 24.000 dBm; 160 MHz)

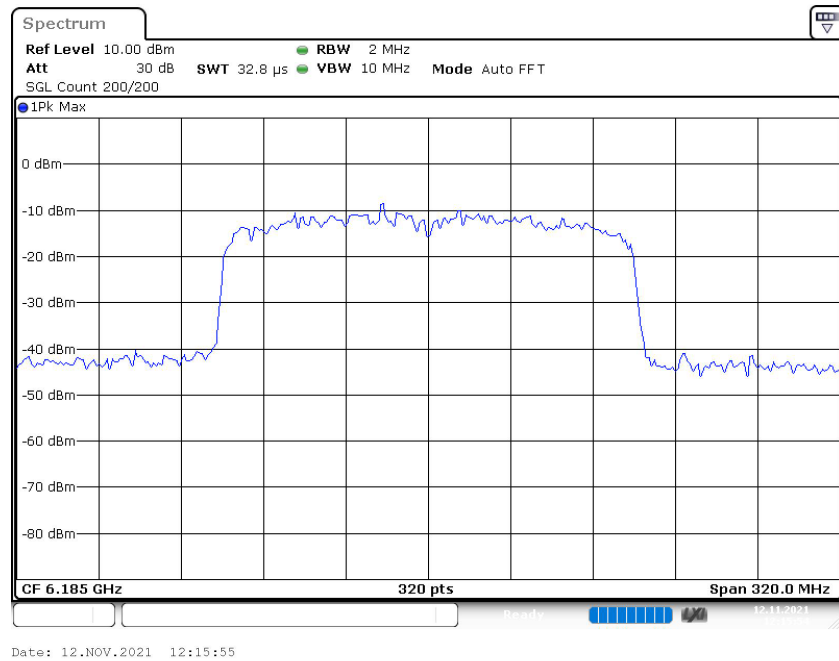
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6185.000000	155.000000	---	320.000000	6107.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R BE (MHz)	Result
6185.000000	6262.500000	7125.000000	PASS



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

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

Pre Measurements

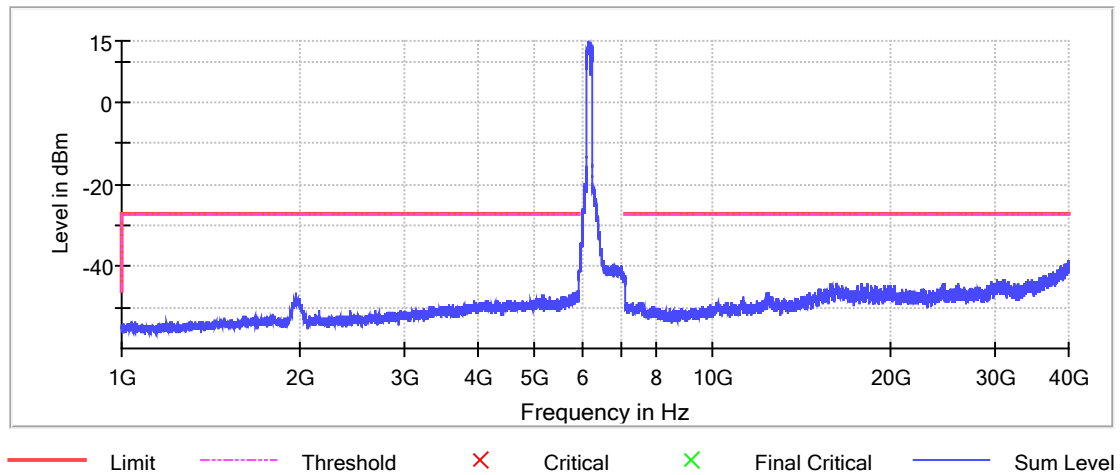
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
1000.000000	-54.5	8.6	-45.9
39897.250000	-38.5	11.5	-27.0
39876.250000	-38.5	11.5	-27.0
39883.250000	-38.6	11.6	-27.0
39875.750000	-38.6	11.6	-27.0
39889.750000	-38.7	11.7	-27.0
39898.750000	-38.8	11.8	-27.0
39911.750000	-38.9	11.9	-27.0
39880.750000	-38.9	11.9	-27.0
39874.750000	-39.0	12.0	-27.0
39886.750000	-39.0	12.0	-27.0
39898.250000	-39.0	12.0	-27.0
39932.250000	-39.0	12.0	-27.0
39880.250000	-39.0	12.0	-27.0
39896.750000	-39.0	12.0	-27.0

Measurement Settings

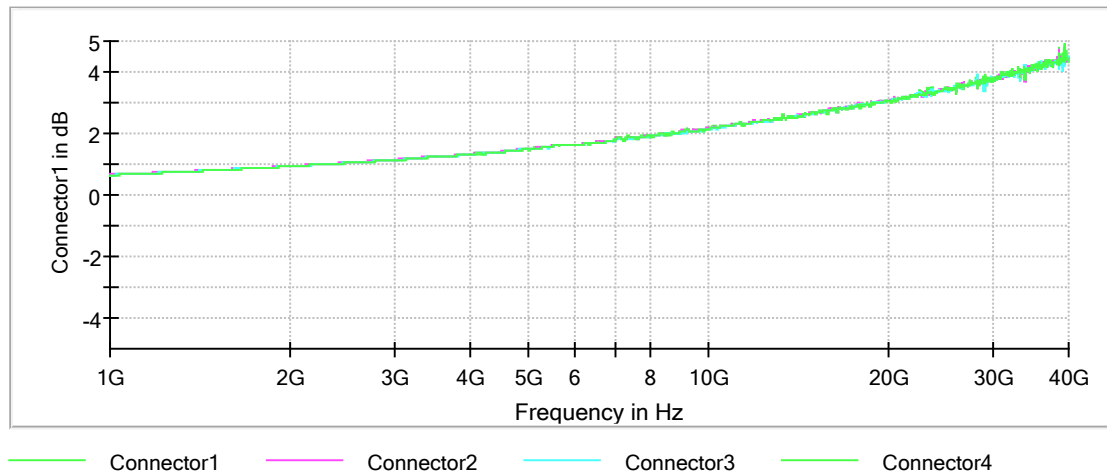
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2

26000.000000	40000.000000	2	2
--------------	--------------	---	---

Spurious



Attenuation



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

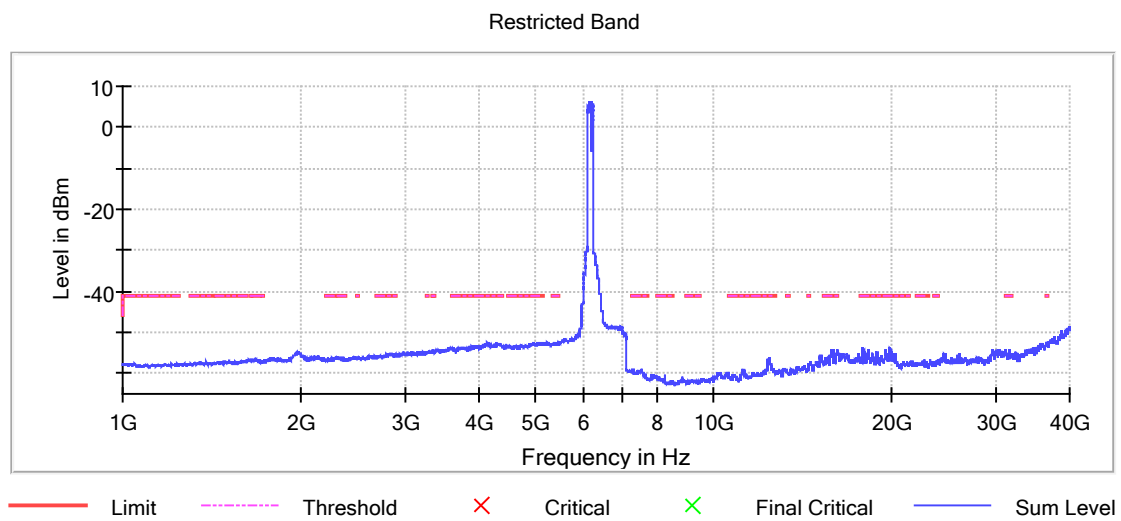
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4949.250000	-52.4	11.2	-41.2
36464.641730	-52.4	11.2	-41.2
36483.891128	-52.4	11.2	-41.2
36487.328521	-52.4	11.2	-41.2
36480.453736	-52.4	11.2	-41.2

5097.750000	-52.5	11.3	-41.2
4950.750000	-52.5	11.3	-41.2
5378.250000	-52.5	11.3	-41.2
5413.250000	-52.5	11.3	-41.2
5370.250000	-52.5	11.3	-41.2
36458.454423	-52.5	11.3	-41.2
5358.250000	-52.5	11.3	-41.2
36477.703822	-52.5	11.3	-41.2
5051.750000	-52.5	11.3	-41.2
4145.250000	-52.5	11.3	-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
---	---	---	---	---	---

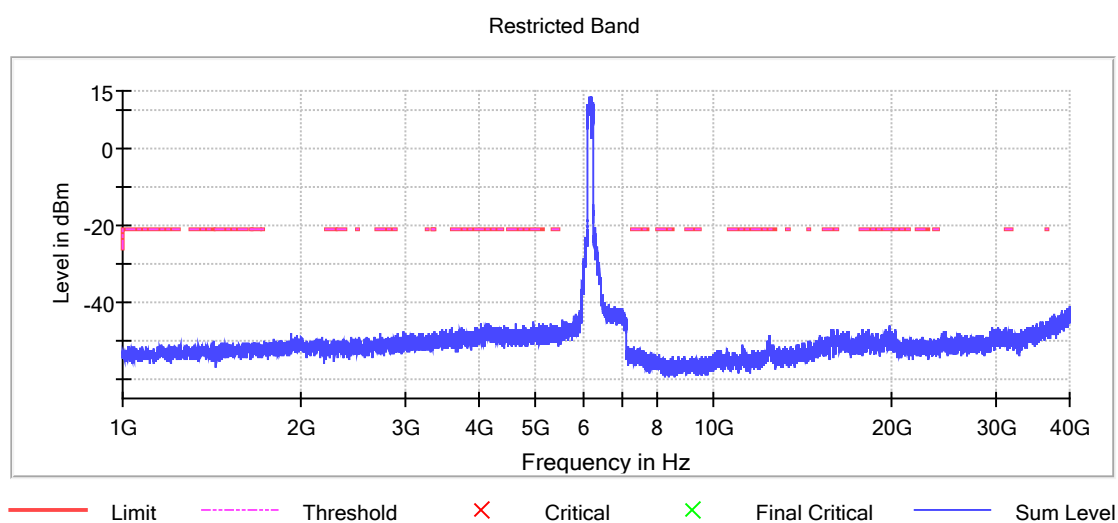
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36472.203994	-44.8	23.6	-21.2
4965.750000	-44.9	23.7	-21.2
36471.516515	-45.1	23.9	-21.2
36446.079810	-45.3	24.1	-21.2
36475.641386	-45.3	24.1	-21.2
4166.750000	-45.3	24.1	-21.2
4049.250000	-45.4	24.2	-21.2
36483.891128	-45.4	24.2	-21.2

36492.828349	-45.5	24.3	-21.2
36459.141902	-45.6	24.4	-21.2
36468.766601	-45.6	24.4	-21.2
4623.750000	-45.6	24.4	-21.2
4141.250000	-45.6	24.4	-21.2
36470.141558	-45.6	24.4	-21.2
36498.328177	-45.6	24.4	-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



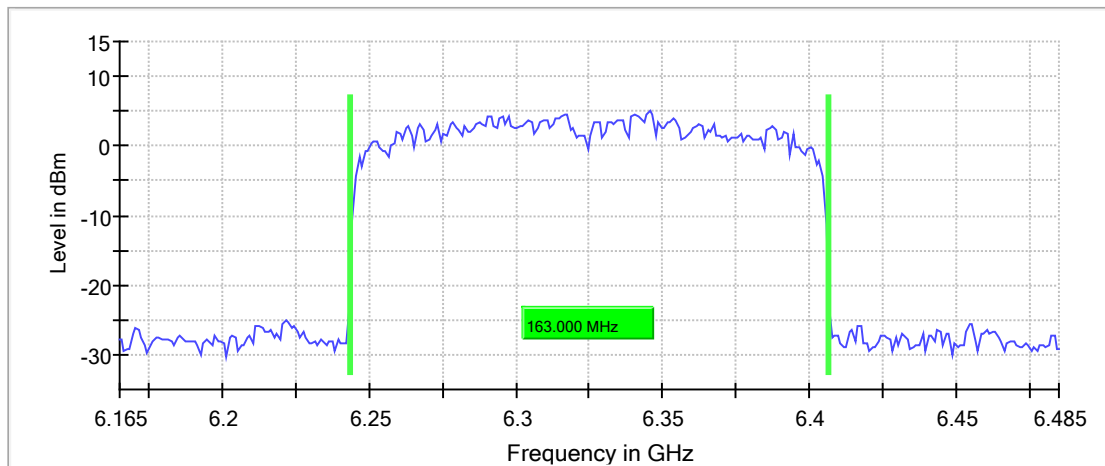
Emission Bandwidth 26 dB (6325 MHz; 24.000 dBm; 160 MHz)

26 dB Bandwidth

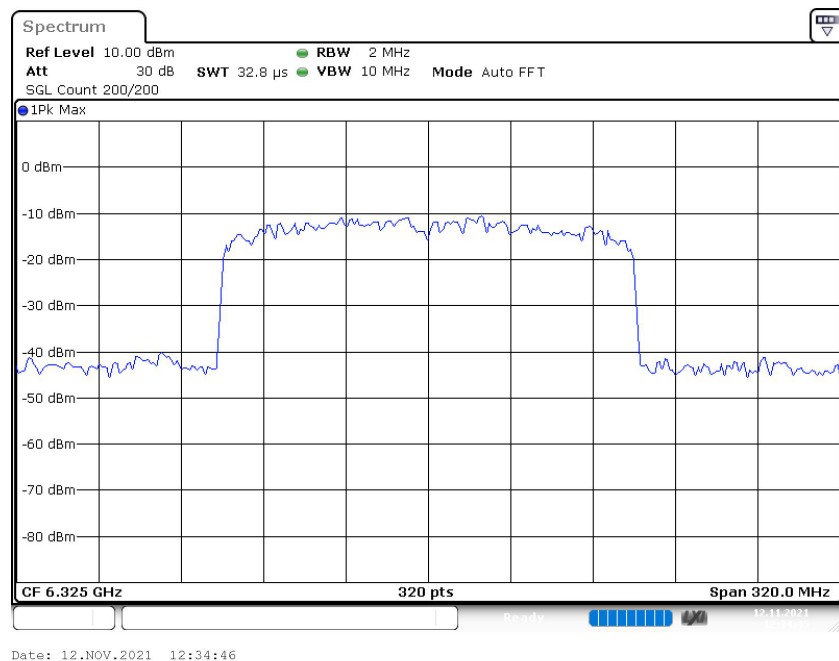
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L
6325.000000	163.000000	---	320.000000	6243.500000	---

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max R (MHz)	Max Level (dBm)	Result
6325.000000	6406.500000	---	4.9	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

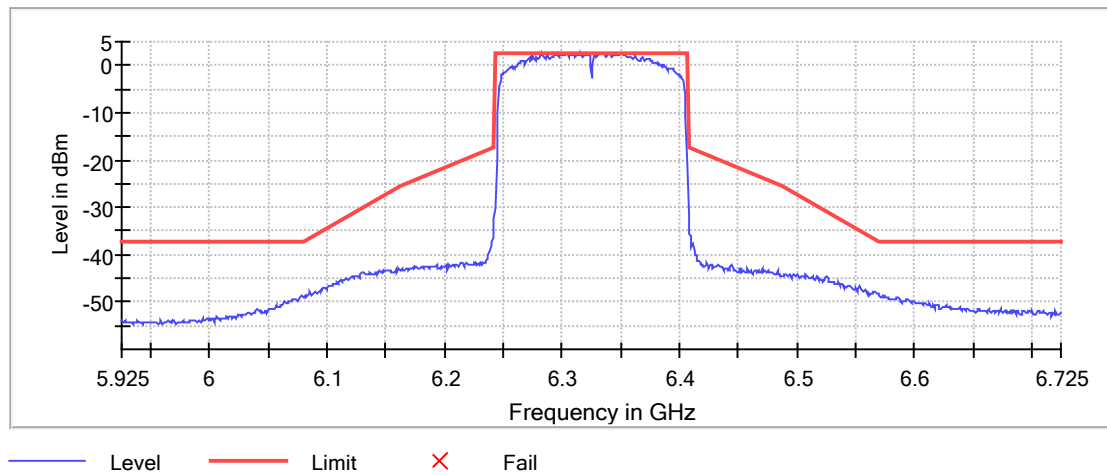
Frequency (MHz)	Level (dBm)
6313.500000	2.7

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6313.500000	2.7	0.0	2.7	PASS

6332.500000	2.6	0.1	2.7	PASS
6304.500000	2.6	0.1	2.7	PASS
6336.500000	2.5	0.2	2.7	PASS
6321.500000	2.5	0.2	2.7	PASS
6333.500000	2.5	0.2	2.7	PASS
6339.500000	2.5	0.2	2.7	PASS
6335.500000	2.5	0.2	2.7	PASS
6307.500000	2.5	0.2	2.7	PASS
6283.500000	2.5	0.2	2.7	PASS
6334.500000	2.4	0.3	2.7	PASS
6350.500000	2.4	0.3	2.7	PASS
6295.500000	2.4	0.3	2.7	PASS
6340.500000	2.4	0.3	2.7	PASS
6316.500000	2.4	0.3	2.7	PASS

In Band



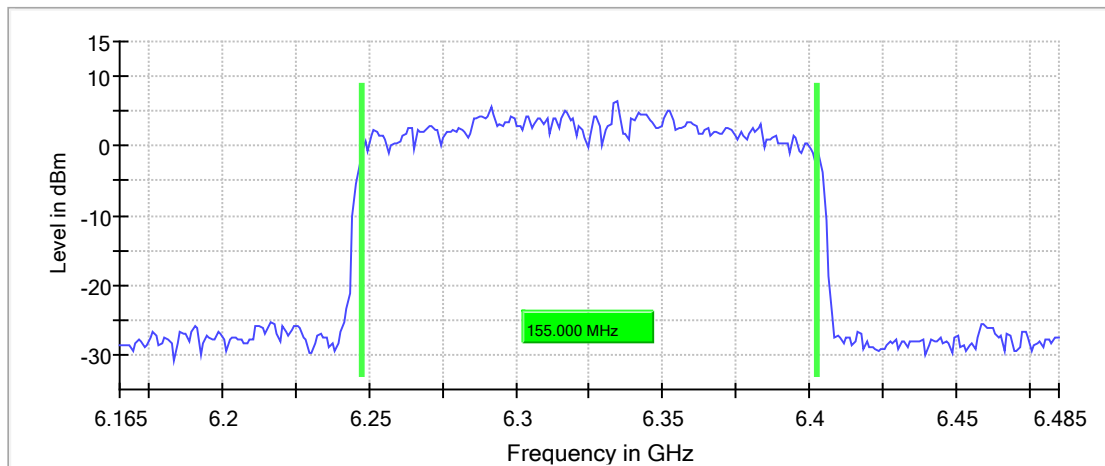
Occupied Channel Bandwidth 99% (6325 MHz; 24.000 dBm; 160 MHz)

99 % Bandwidth

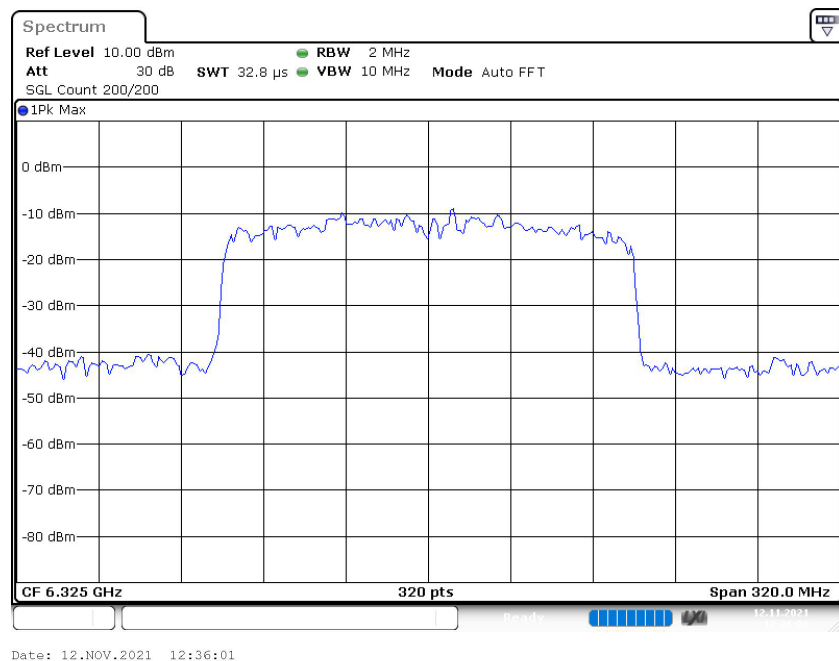
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6325.000000	155.000000	---	320.000000	6247.500000	5925.000000

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6325.000000	6402.500000	7125.000000	PASS

99 % Bandwidth



Bandwidth



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

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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

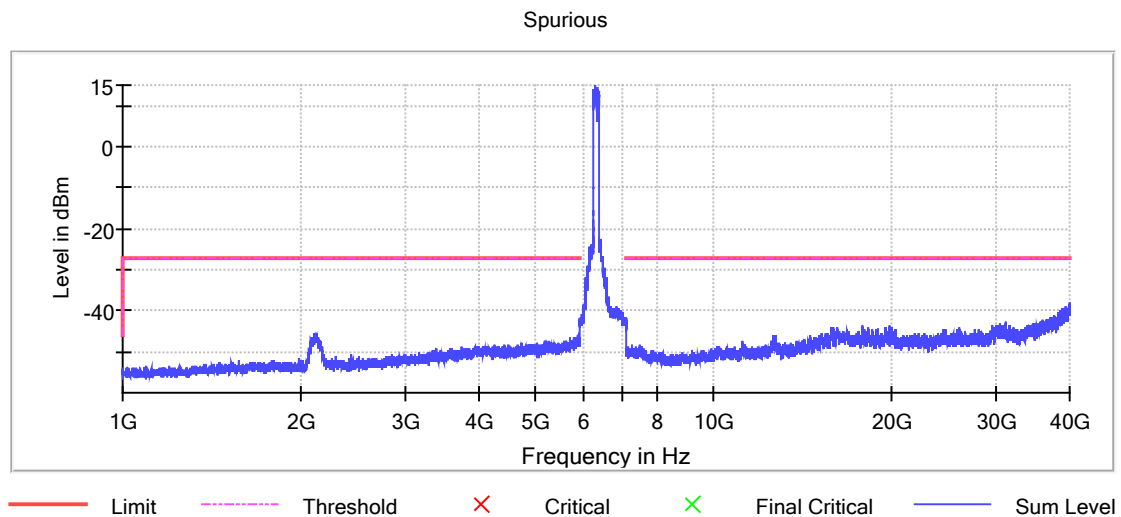
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
-----------------	-------------	-------------	-------------

1000.000000	-54.7	8.8	-45.9
39879.250000	-38.2	11.2	-27.0
39906.250000	-38.2	11.2	-27.0
39894.250000	-38.3	11.3	-27.0
39885.750000	-38.8	11.8	-27.0
39875.750000	-38.8	11.8	-27.0
39893.750000	-38.8	11.8	-27.0
39873.750000	-39.0	12.0	-27.0
39505.750000	-39.0	12.0	-27.0
39866.250000	-39.0	12.0	-27.0
39408.250000	-39.1	12.1	-27.0
39883.750000	-39.1	12.1	-27.0
39873.250000	-39.1	12.1	-27.0
39883.250000	-39.1	12.1	-27.0
39979.250000	-39.2	12.2	-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
---	---	---	---	---	---

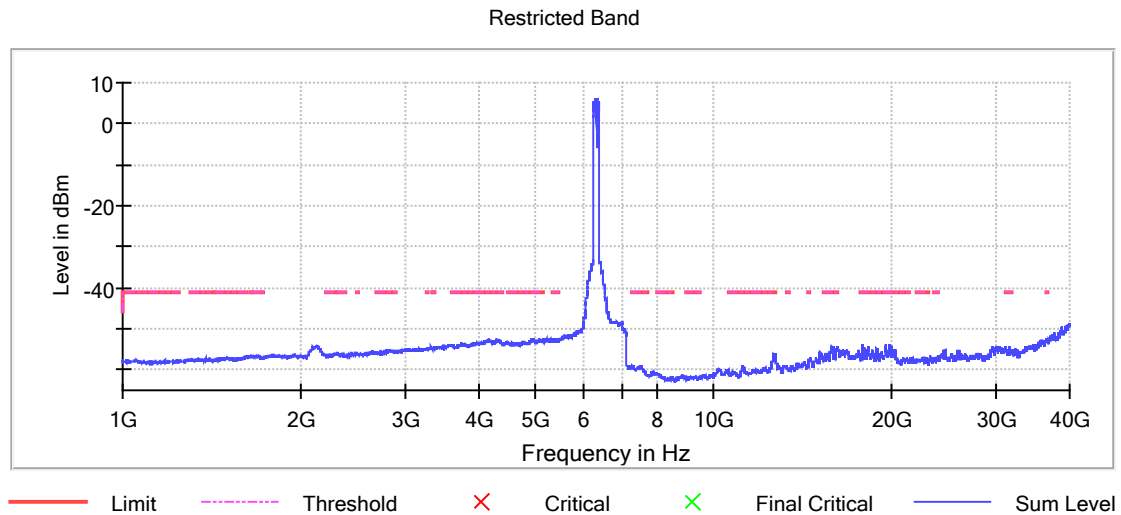
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4933.250000	-52.3	11.1	-41.2
36468.079123	-52.4	11.2	-41.2

4952.750000	-52.4	11.2	-41.2
36475.641386	-52.4	11.2	-41.2
5399.750000	-52.4	11.2	-41.2
5350.750000	-52.4	11.2	-41.2
5458.750000	-52.4	11.2	-41.2
4932.250000	-52.5	11.3	-41.2
36462.579294	-52.5	11.3	-41.2
4150.250000	-52.5	11.3	-41.2
4960.750000	-52.5	11.3	-41.2
5404.750000	-52.5	11.3	-41.2
36491.453392	-52.5	11.3	-41.2
36469.454080	-52.5	11.3	-41.2
36474.953908	-52.5	11.3	-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) (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

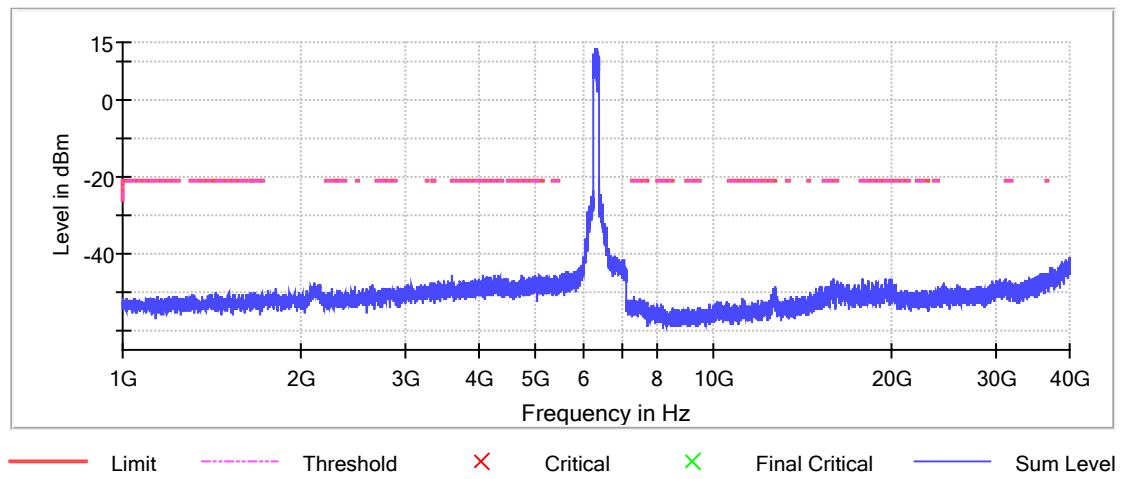
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36487.328521	-45.1	23.9	-21.2
4073.250000	-45.3	24.1	-21.2
36458.454423	-45.3	24.1	-21.2
4310.250000	-45.4	24.2	-21.2
4973.750000	-45.4	24.2	-21.2

36492.140871	-45.4	24.2	-21.2
36446.079810	-45.4	24.2	-21.2
36459.829380	-45.5	24.3	-21.2
4263.750000	-45.5	24.3	-21.2
36468.766601	-45.5	24.3	-21.2
4309.750000	-45.5	24.3	-21.2
3603.250000	-45.6	24.4	-21.2
36435.080154	-45.6	24.4	-21.2
5081.750000	-45.6	24.4	-21.2
36433.017718	-45.7	24.5	-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



-- End of Annex --