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)

Customized settings.

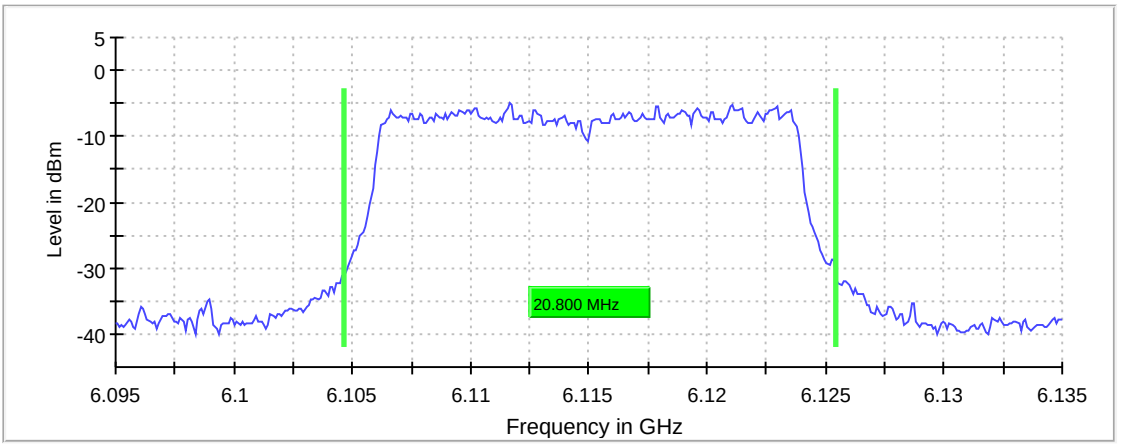
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6115.000000	20.800000	---	320.000000	6104.650000	---

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6115.000000	6125.450000	---	-4.8	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 µs	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)

Customized settings.

Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	Gated RMS (dBm)	DutyCycle (%)	Result
6115.000000	15.4	24.0	15.4	85.652	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

In-Band Emissions (6115 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

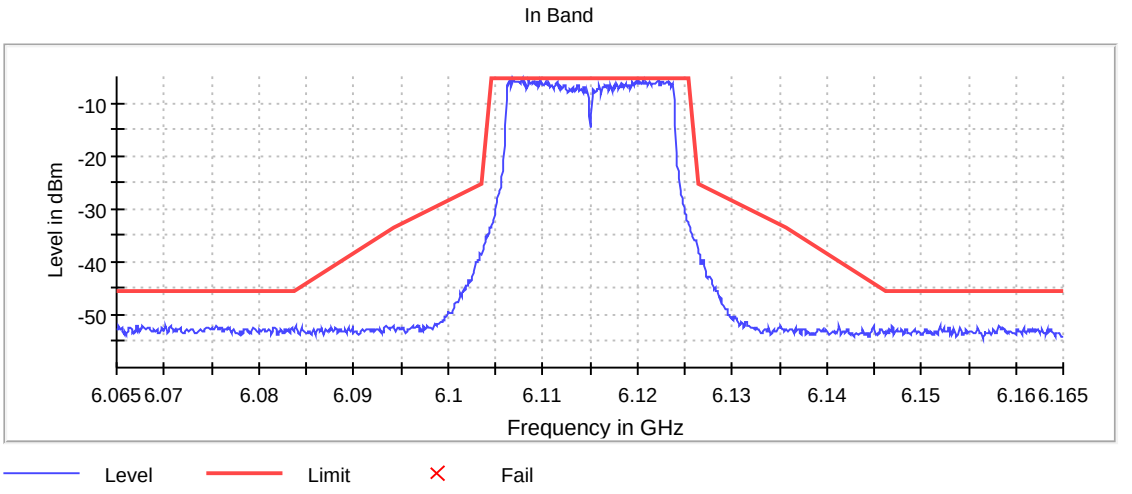
DUT Frequency (MHz)	Result
6115.000000	PASS

Inband Peak

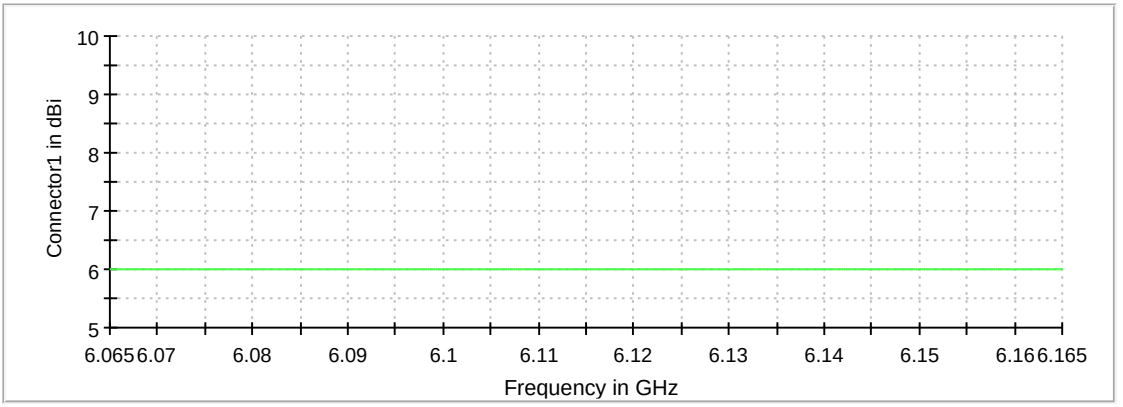
Frequency (MHz)	Level (dBm)
6106.950000	-5.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6106.950000	-5.4	0.0	-5.4	PASS
6107.850000	-5.5	0.1	-5.4	PASS
6106.550000	-5.7	0.2	-5.4	PASS
6120.050000	-5.7	0.3	-5.4	PASS
6122.250000	-5.8	0.3	-5.4	PASS
6108.550000	-5.8	0.3	-5.4	PASS
6109.750000	-5.8	0.4	-5.4	PASS
6120.650000	-5.8	0.4	-5.4	PASS
6106.650000	-5.9	0.4	-5.4	PASS
6108.150000	-5.9	0.4	-5.4	PASS
6122.150000	-5.9	0.5	-5.4	PASS
6123.050000	-5.9	0.5	-5.4	PASS
6123.150000	-5.9	0.5	-5.4	PASS
6107.250000	-6.0	0.5	-5.4	PASS
6106.850000	-6.0	0.5	-5.4	PASS

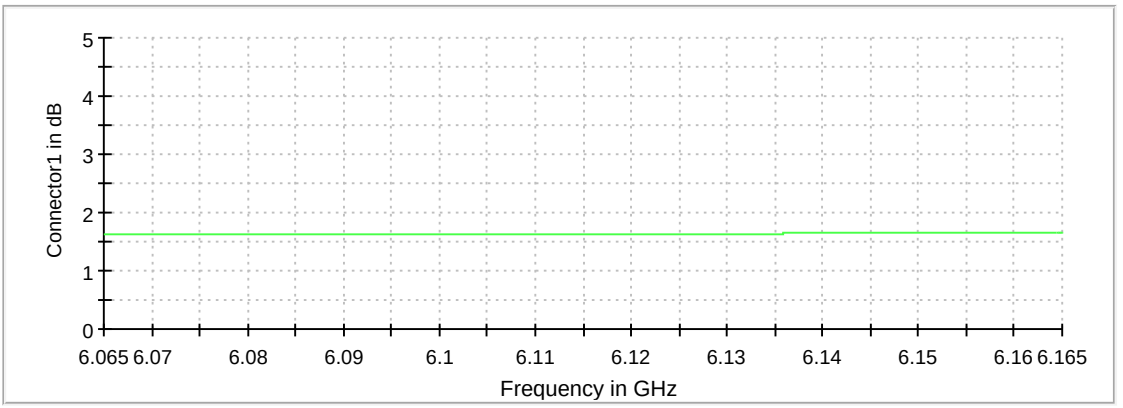


Gain



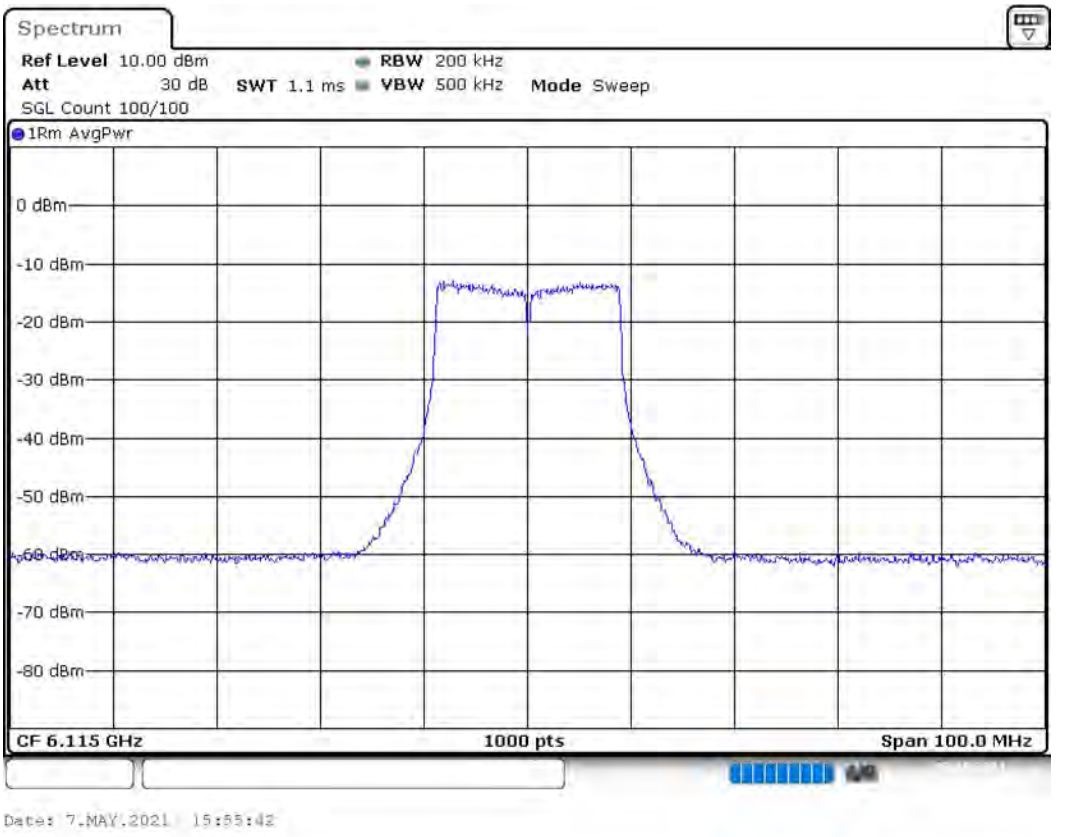
Connector1

Attenuation



Connector1

In Band Connector 1_0



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	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

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

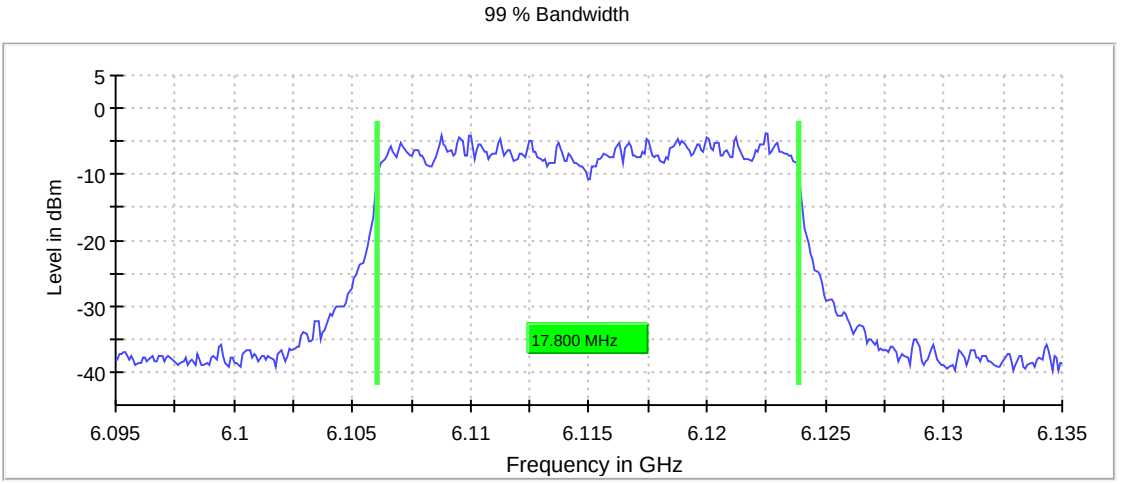
Customized settings.

99 % Bandwidth

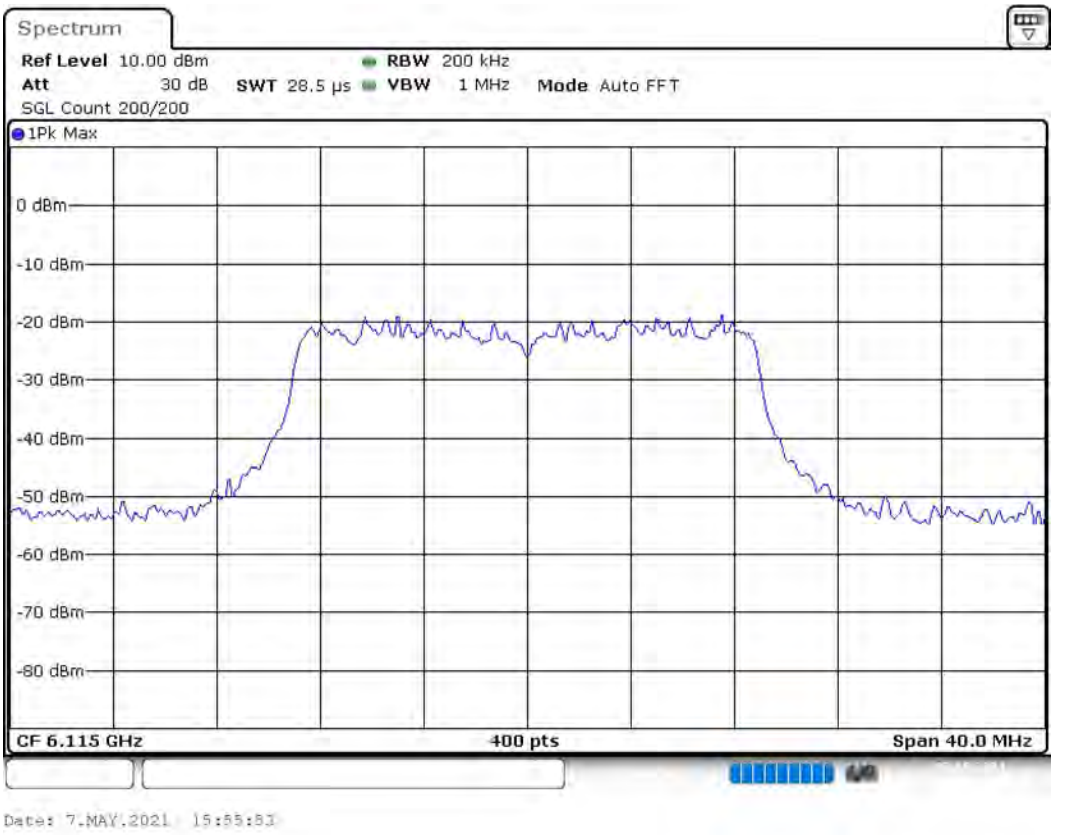
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6115.000000	17.800000	---	320.000000	6106.050000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6115.000000	6123.850000	7125.000000	PASS



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 µs	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

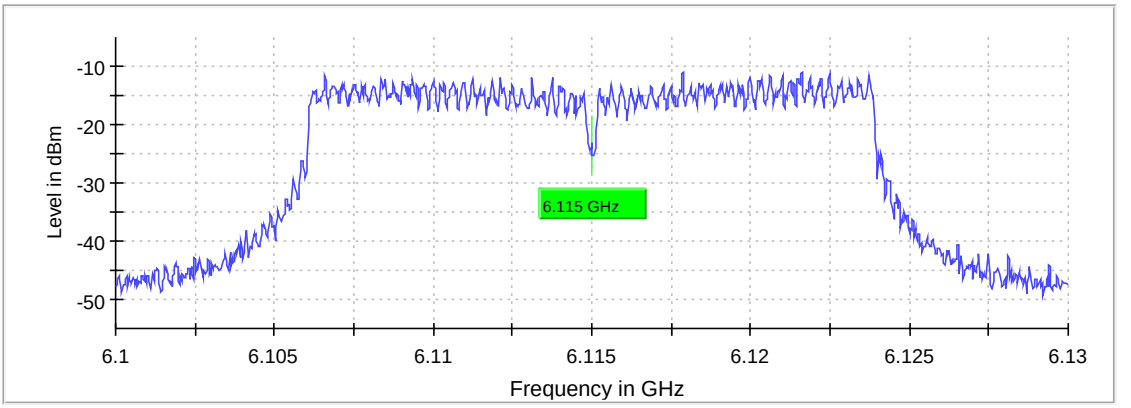
Frequency Stability (6115 MHz; 24.000 dBm; 20 MHz)

Customized settings.

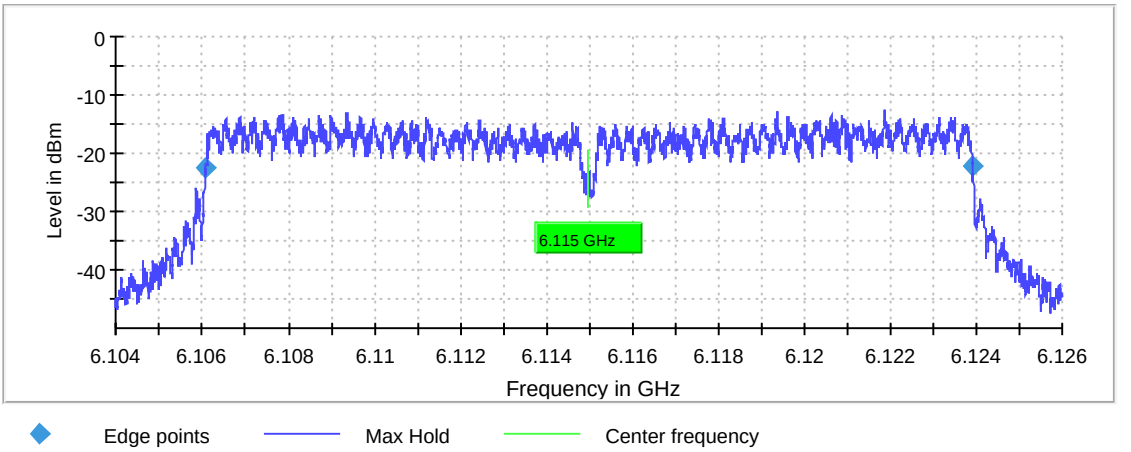
Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)	Result
6115.000000	6114.978416	3.530	-21.584000	---	---	PASS

Frequency stability Pre



Frequency stability



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.10399 GHz	6.10399 GHz
Stop Frequency	6.12599 GHz	6.12599 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 µs	AUTO

Setting	Instrument Value	Target Value
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)

Customized settings.

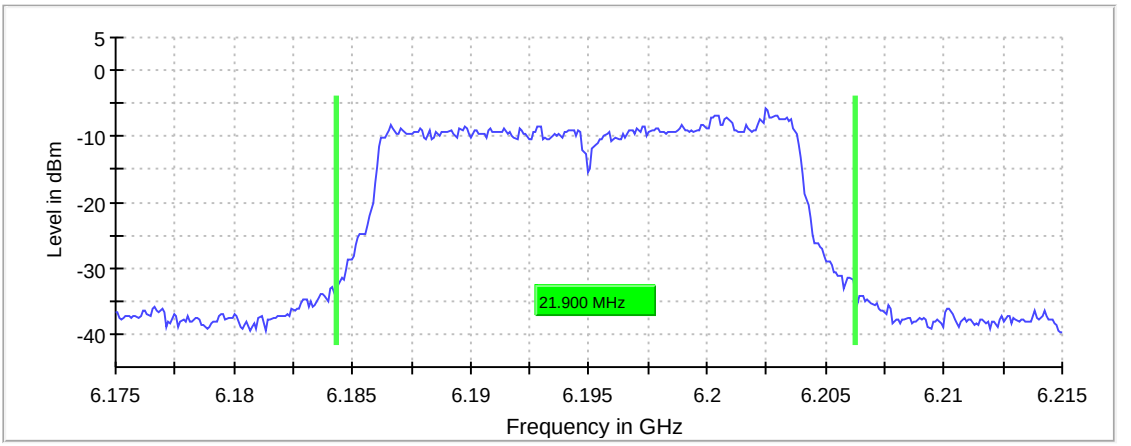
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6195.000000	21.900000	---	320.000000	6184.350000	---

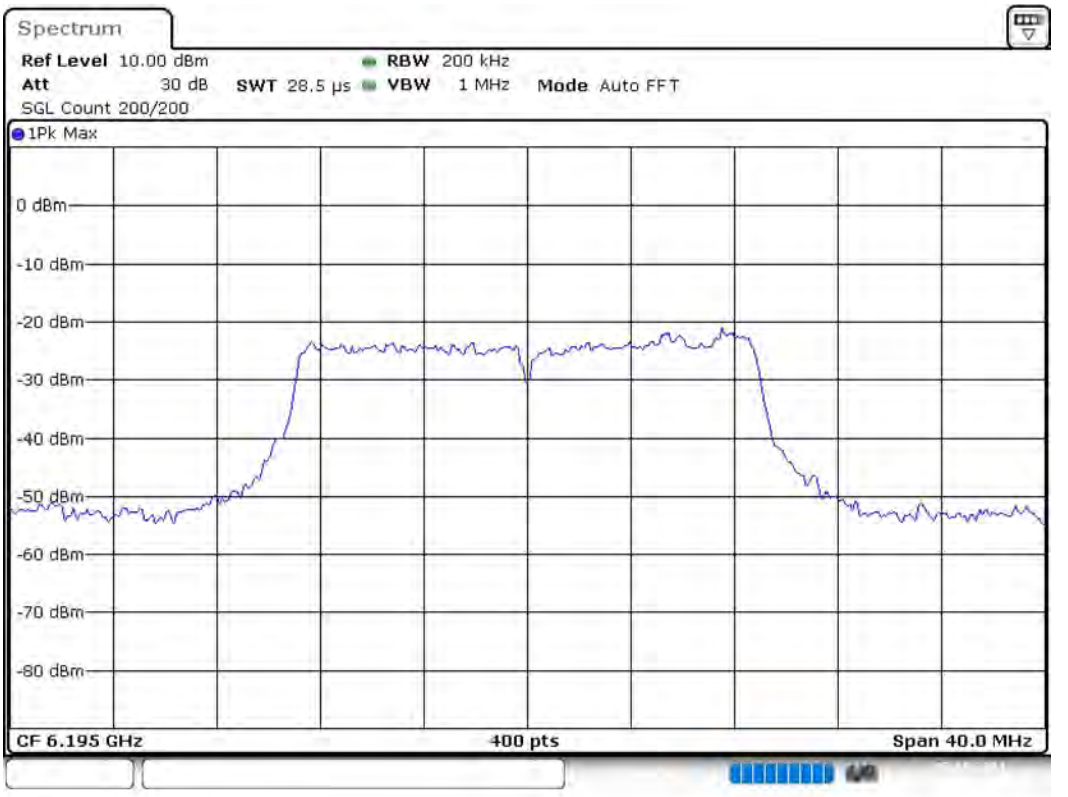
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6195.000000	6206.250000	---	-5.9	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 200 kHz
Att 30 dB
SWT 28.5 µs
VBW 1 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.195 GHz
400 pts
Span 40.0 MHz
Date: 7.MAY.2021 15:56:51

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

Customized settings.

Result

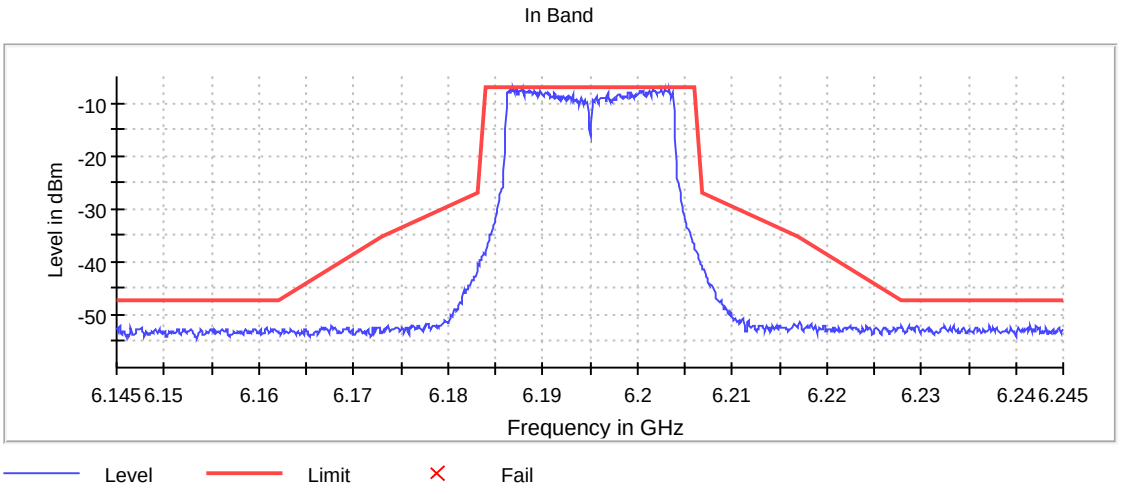
DUT Frequency (MHz)	Result
6195.000000	PASS

Inband Peak

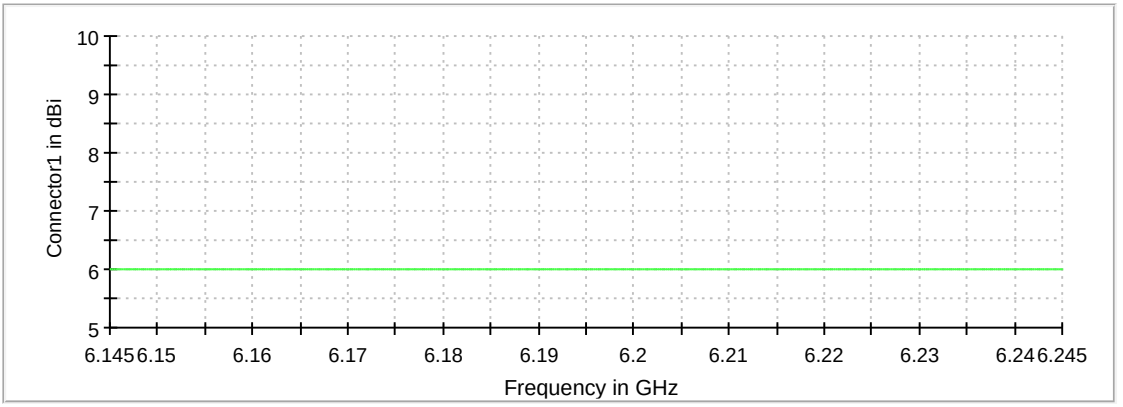
Frequency (MHz)	Level (dBm)
6187.850000	-7.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6186.950000	-7.2	0.0	-7.1	PASS
6202.850000	-7.2	0.1	-7.1	PASS
6202.550000	-7.4	0.3	-7.1	PASS
6186.650000	-7.4	0.3	-7.1	PASS
6203.450000	-7.5	0.3	-7.1	PASS
6201.650000	-7.5	0.4	-7.1	PASS
6187.250000	-7.5	0.4	-7.1	PASS
6201.950000	-7.6	0.4	-7.1	PASS
6202.950000	-7.6	0.5	-7.1	PASS
6200.350000	-7.6	0.5	-7.1	PASS
6202.450000	-7.6	0.5	-7.1	PASS
6186.350000	-7.6	0.5	-7.1	PASS
6188.450000	-7.6	0.5	-7.1	PASS
6187.950000	-7.6	0.5	-7.1	PASS
6187.650000	-7.7	0.5	-7.1	PASS

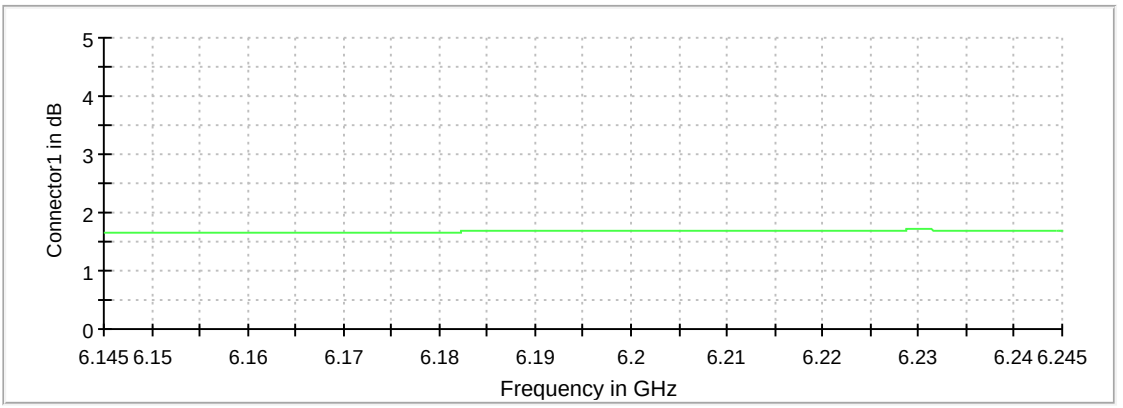


Gain



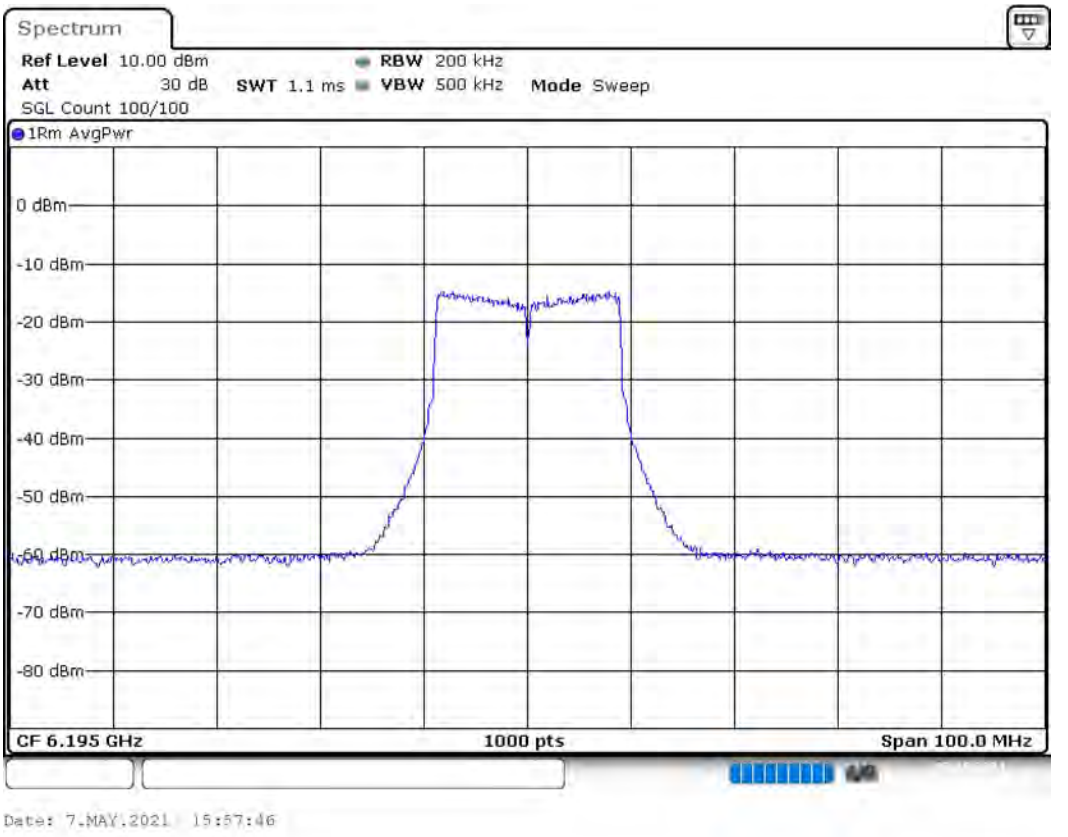
Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 10.00 dBm
RBW 200 kHz
Att 30 dB
SWT 1.1 ms
VBW 500 kHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.195 GHz
1000 pts
Span 100.0 MHz
Date: 7.MAY.2021 15:57:46

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

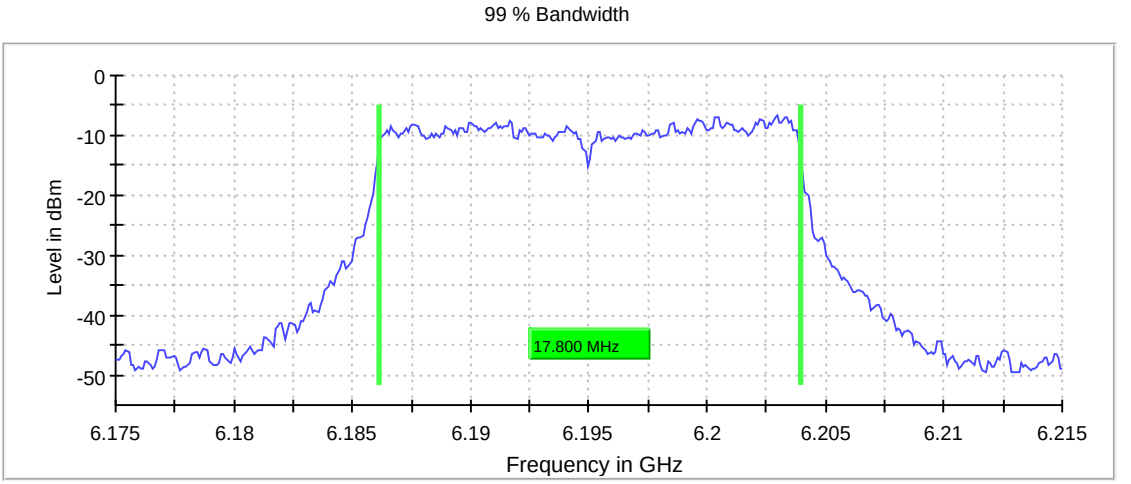
Customized settings.

99 % Bandwidth

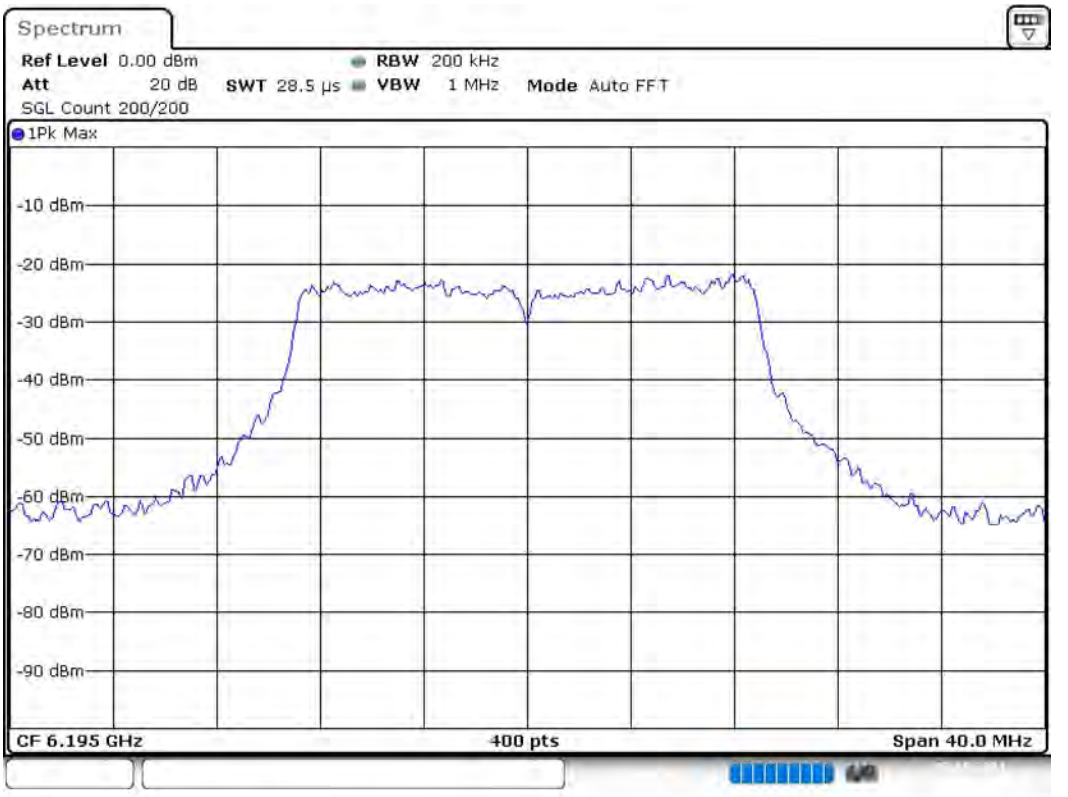
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6195.000000	17.800000	---	320.000000	6186.150000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 0.00 dBm
RBW 200 kHz
Att 20 dB
SWT 28.5 µs
VBW 1 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
-90 dBm
CF 6.195 GHz
400 pts
Span 40.0 MHz
Date: 7.MAY.2021 15:57:54

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

Customized settings.

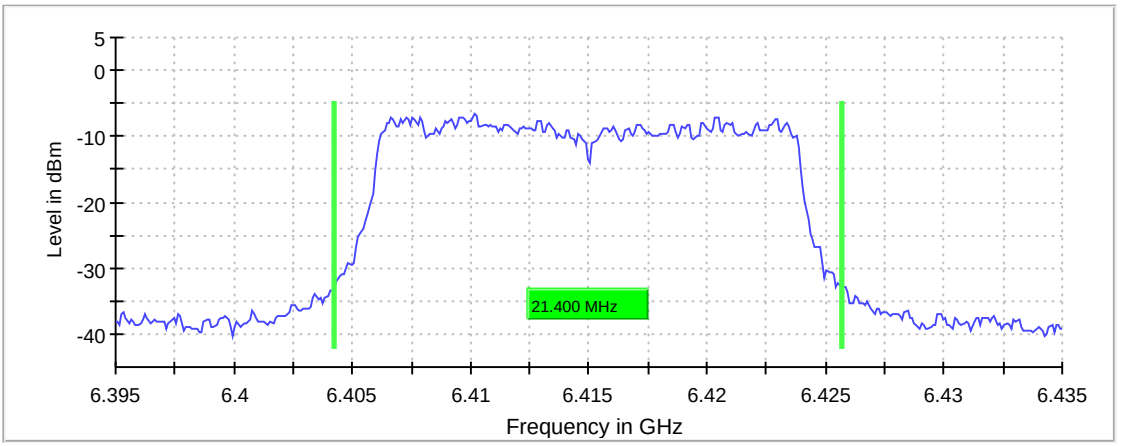
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6415.000000	21.400000	---	320.000000	6404.250000	---

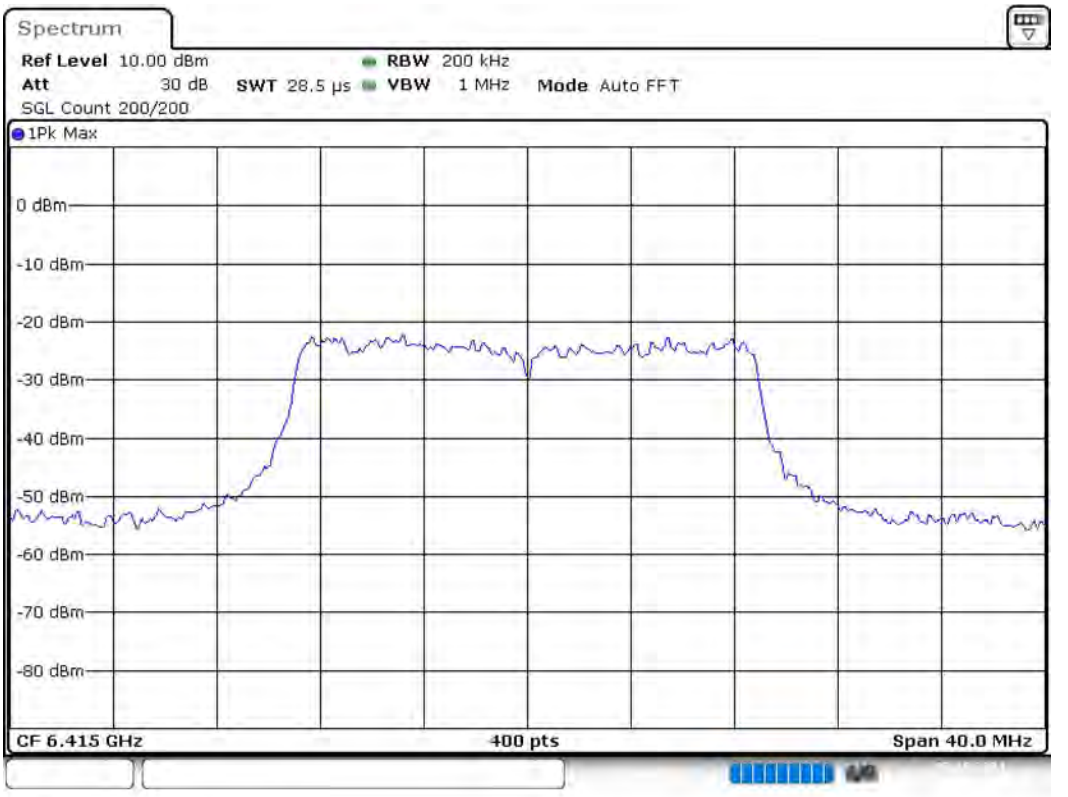
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6415.000000	6425.650000	---	-6.6	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 200 kHz
Att 30 dB
SWT 28.5 µs
VBW 1 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.415 GHz
400 pts
Span 40.0 MHz
Date: 7.MAY.2021 15:59:11

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

Customized settings.

Result

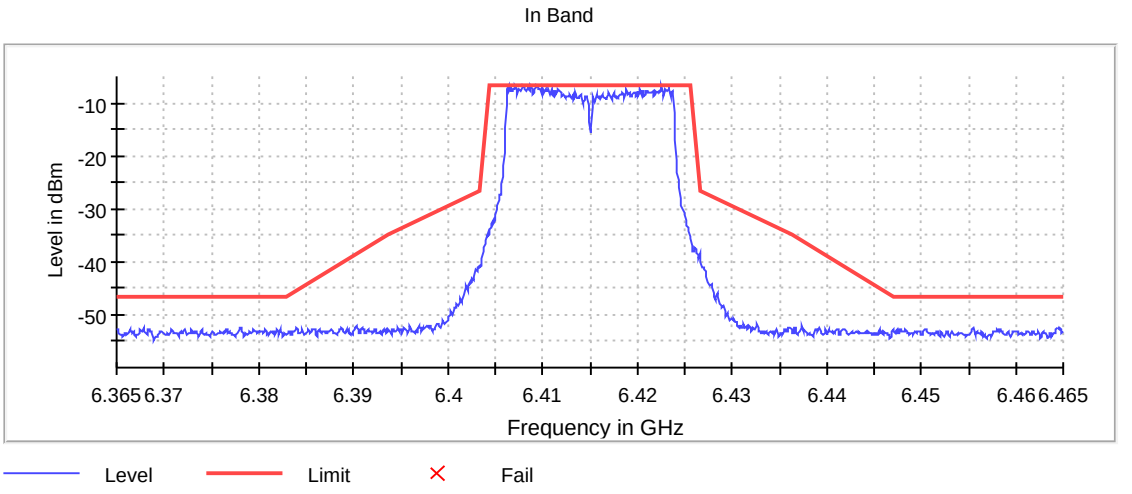
DUT Frequency (MHz)	Result
6415.000000	PASS

Inband Peak

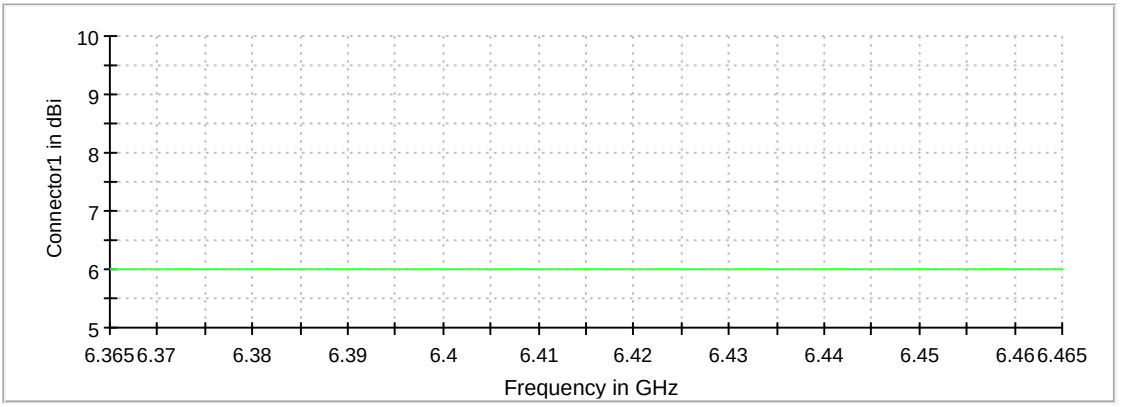
Frequency (MHz)	Level (dBm)
6407.950000	-6.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6408.750000	-6.8	0.0	-6.8	PASS
6406.650000	-6.8	0.0	-6.8	PASS
6407.150000	-6.8	0.1	-6.8	PASS
6422.550000	-6.8	0.1	-6.8	PASS
6406.350000	-6.9	0.1	-6.8	PASS
6409.350000	-6.9	0.1	-6.8	PASS
6408.050000	-6.9	0.2	-6.8	PASS
6407.850000	-6.9	0.2	-6.8	PASS
6409.250000	-7.0	0.3	-6.8	PASS
6408.450000	-7.0	0.3	-6.8	PASS
6410.050000	-7.1	0.3	-6.8	PASS
6423.350000	-7.1	0.4	-6.8	PASS
6406.550000	-7.1	0.4	-6.8	PASS
6409.450000	-7.1	0.4	-6.8	PASS
6407.550000	-7.3	0.5	-6.8	PASS

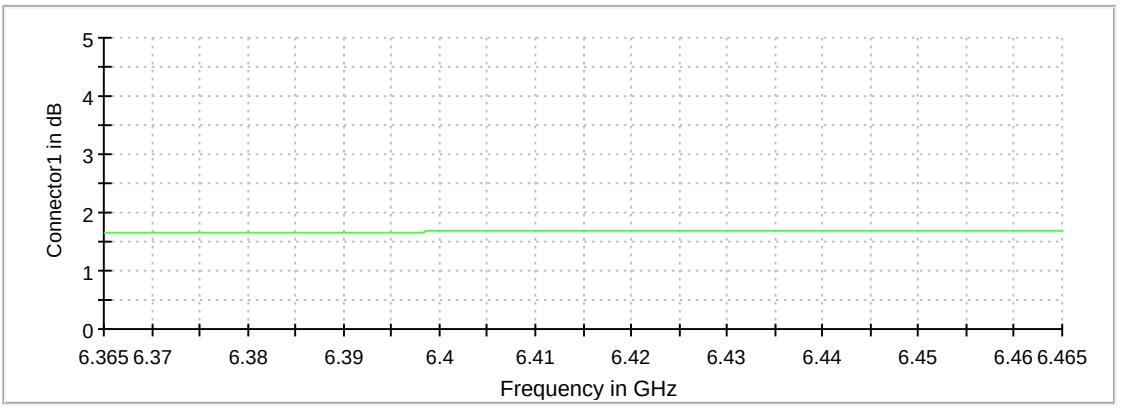


Gain



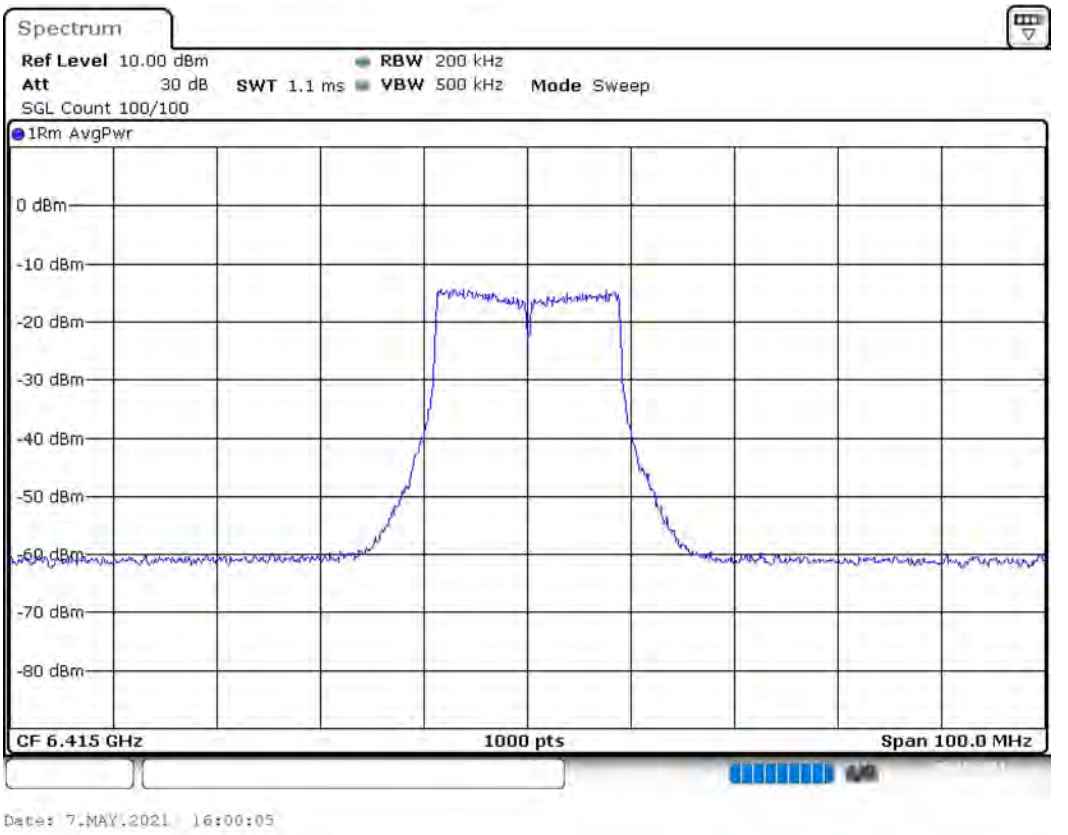
Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 10.00 dBm
RBW 200 kHz
Att 30 dB
SWT 1.1 ms
VBW 500 kHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.415 GHz
1000 pts
Span 100.0 MHz
Date: 7.MAY.2021 16:00:05

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

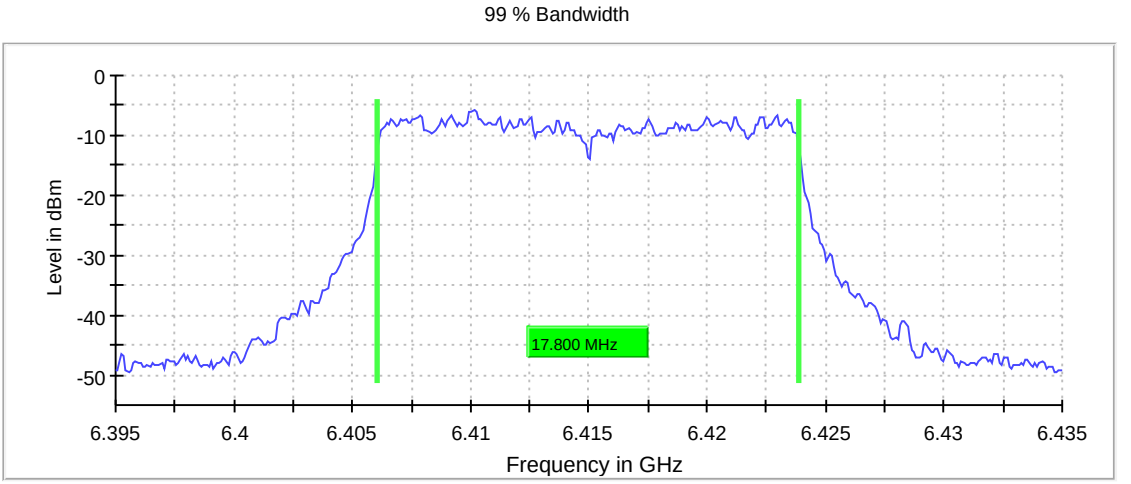
Customized settings.

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6415.000000	17.800000	---	320.000000	6406.050000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Result
6415.000000	6423.850000	7125.000000	PASS



Bandwidth


Spectrum
Ref Level 0.00 dBm
RBW 200 kHz
Att 20 dB
SWT 28.5 µs
VBW 1 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
-90 dBm
CF 6.415 GHz
400 pts
Span 40.0 MHz
Date: 7.MAY.2021 16:00:14

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

Customized settings.

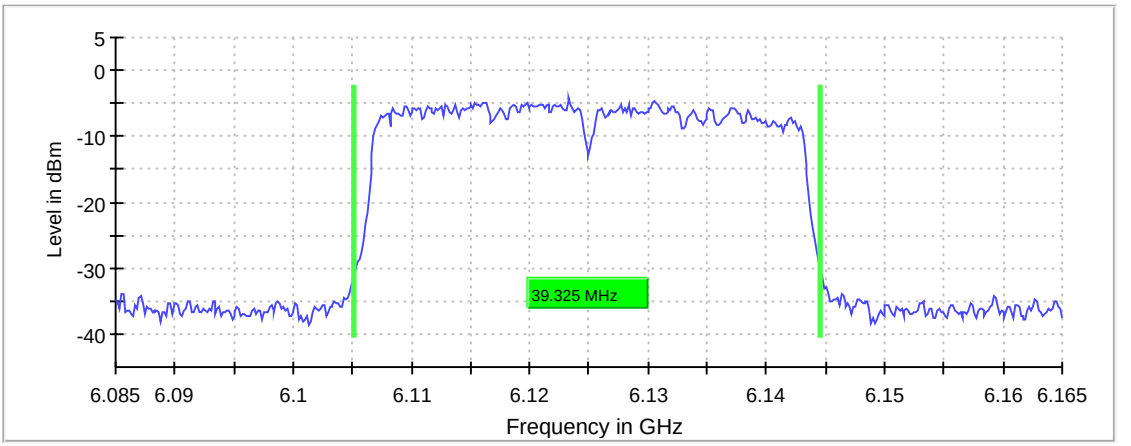
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6125.000000	39.324578	---	320.000000	6105.187617	---

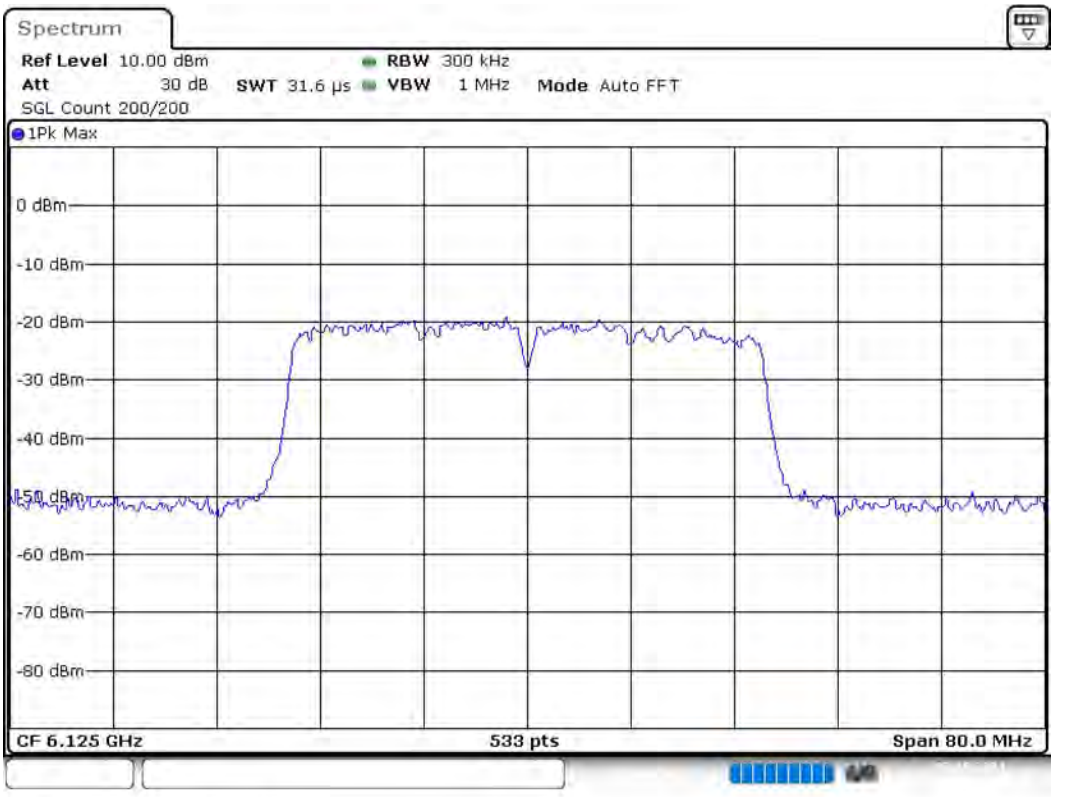
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6125.000000	6144.512195	---	-4.1	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 300 kHz
Att 30 dB
SWT 31.6 µs
VBW 1 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.125 GHz
533 pts
Span 80.0 MHz
Date: 7.MAY.2021 16:00:34

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

Customized settings.

Result

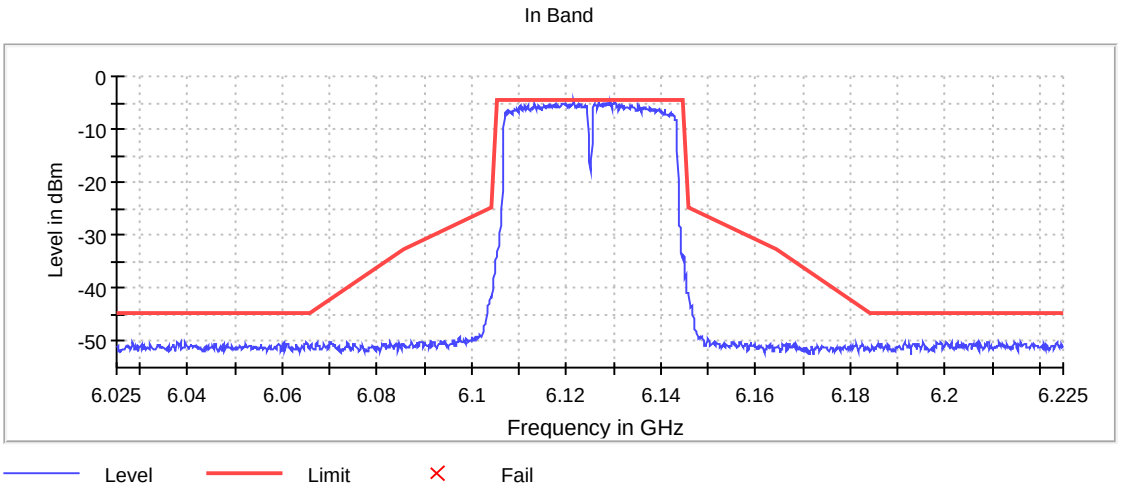
DUT Frequency (MHz)	Result
6125.000000	PASS

Inband Peak

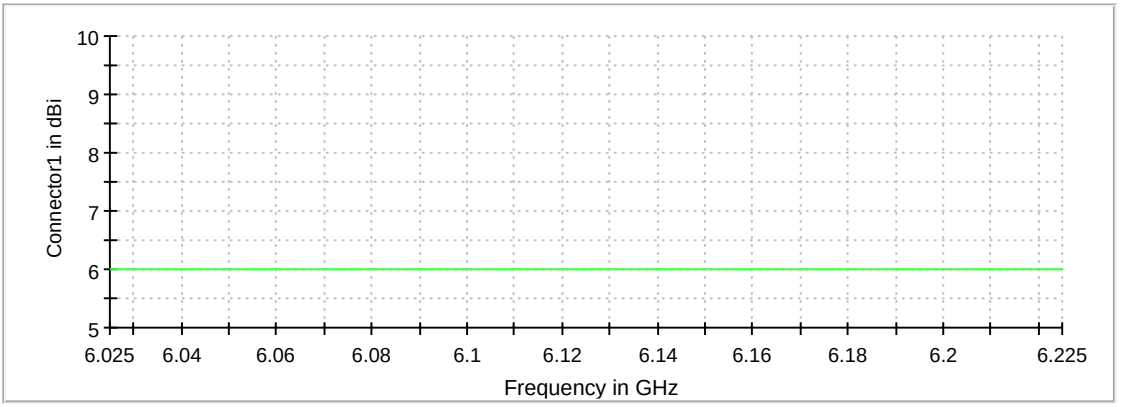
Frequency (MHz)	Level (dBm)
6121.699175	-4.6

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6121.549137	-4.6	0.0	-4.6	PASS
6129.501125	-4.7	0.1	-4.6	PASS
6130.251313	-4.7	0.1	-4.6	PASS
6126.800450	-4.9	0.3	-4.6	PASS
6127.250563	-5.0	0.4	-4.6	PASS
6129.801200	-5.0	0.4	-4.6	PASS
6128.000750	-5.0	0.4	-4.6	PASS
6129.351088	-5.0	0.4	-4.6	PASS
6121.399100	-5.0	0.4	-4.6	PASS
6129.951238	-5.0	0.4	-4.6	PASS
6129.051013	-5.0	0.5	-4.6	PASS
6117.648162	-5.1	0.5	-4.6	PASS
6119.148537	-5.1	0.5	-4.6	PASS
6119.298575	-5.1	0.5	-4.6	PASS
6128.750938	-5.2	0.6	-4.6	PASS

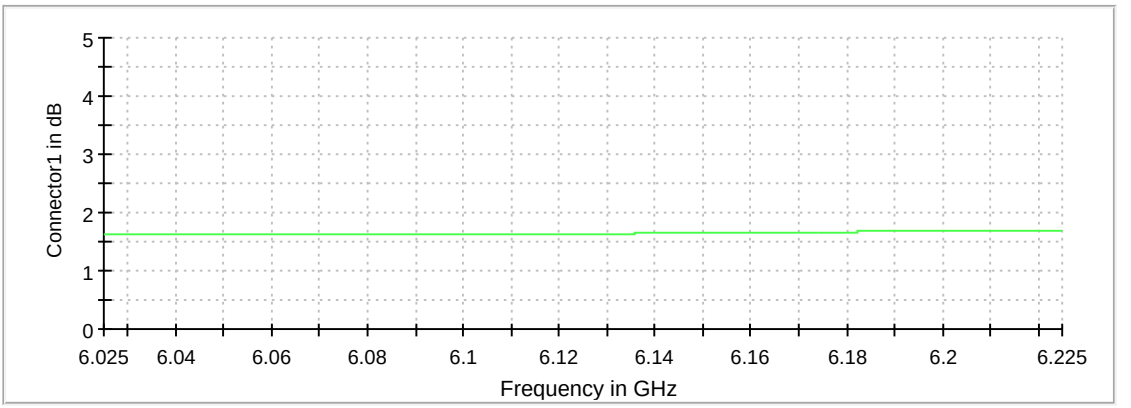


Gain



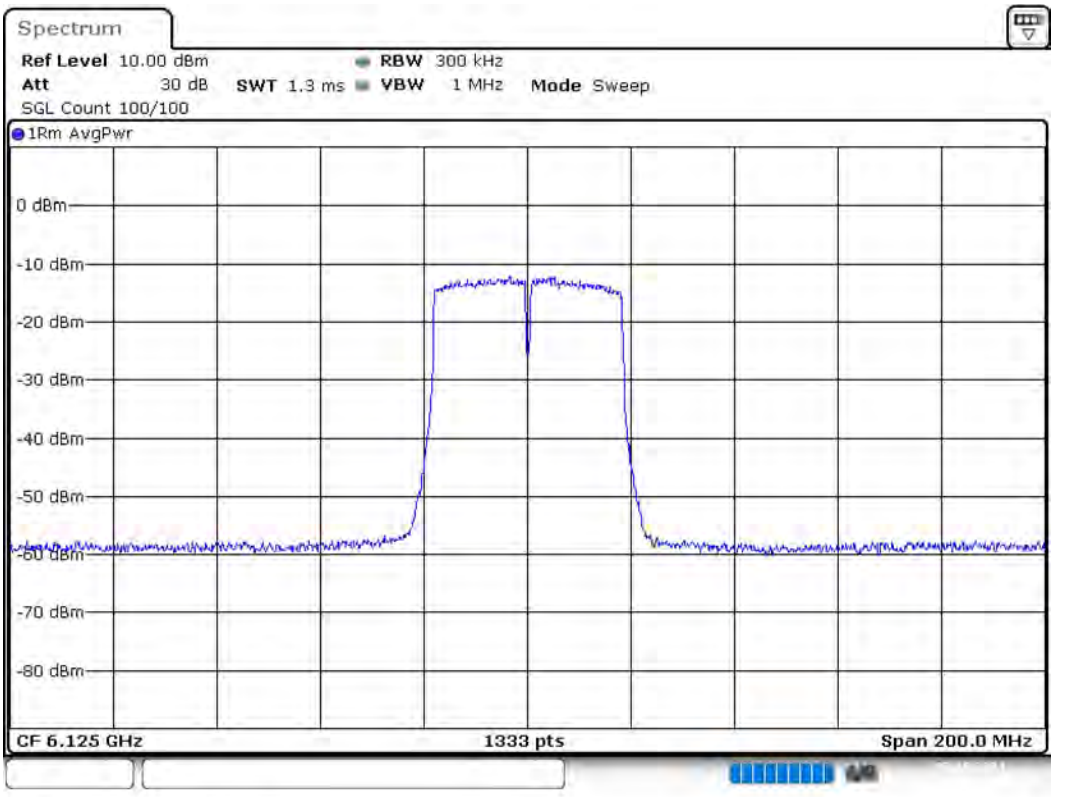
Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 10.00 dBm
RBW 300 kHz
Att 30 dB
SWT 1.3 ms
VBW 1 MHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.125 GHz
1333 pts
Span 200.0 MHz
Date: 7.MAY.2021 16:01:30

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

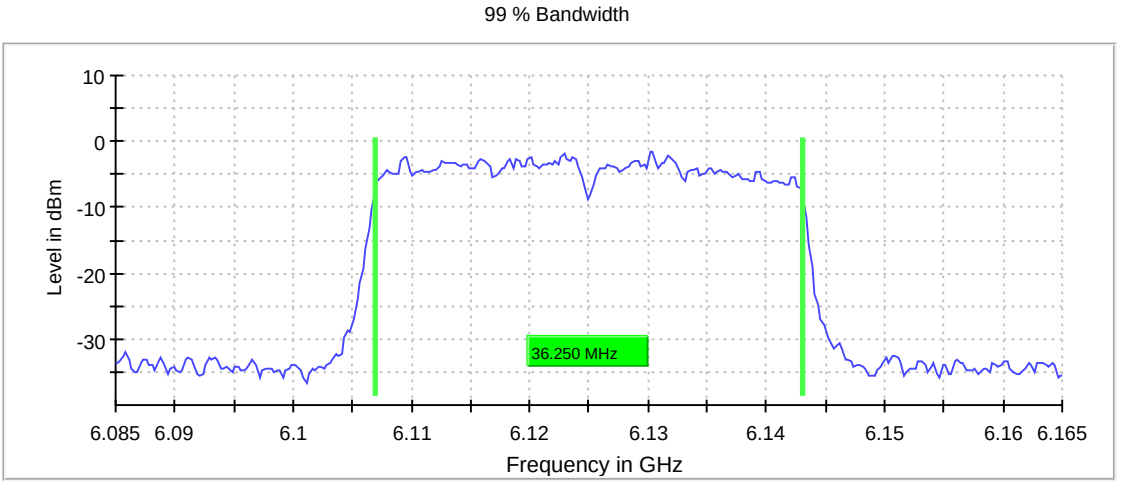
Customized settings.

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

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 500 kHz
Att 30 dB
SWT 18.9 µs
VBW 2 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.125 GHz
320 pts
Span 80.0 MHz
Date: 7.MAY.2021 16:01:38

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

Customized settings.

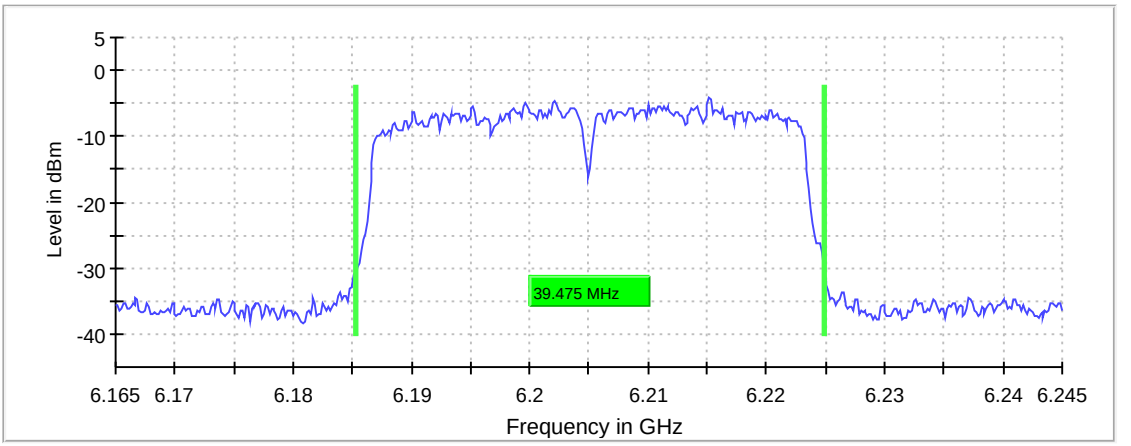
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6205.000000	39.474672	---	320.000000	6185.337711	---

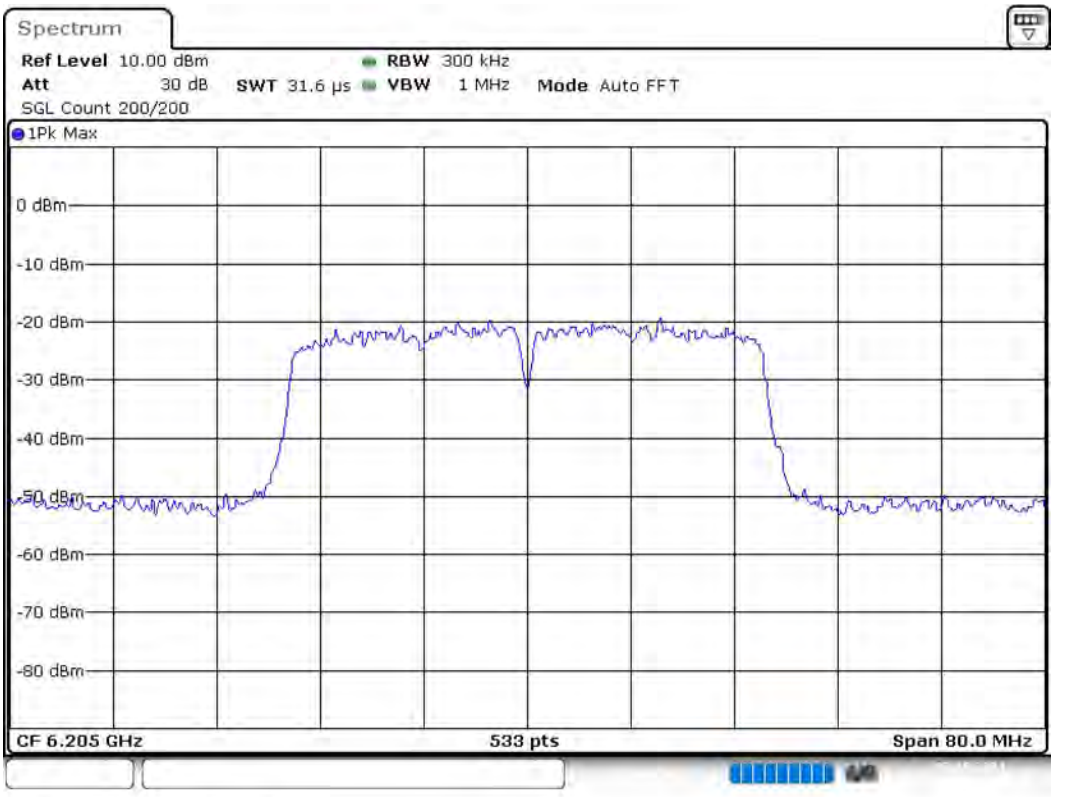
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6205.000000	6224.812383	---	-4.1	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 300 kHz
Att 30 dB
SWT 31.6 µs
VBW 1 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.205 GHz
533 pts
Span 80.0 MHz
Date: 7.MAY.2021 16:01:55

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

Customized settings.

Result

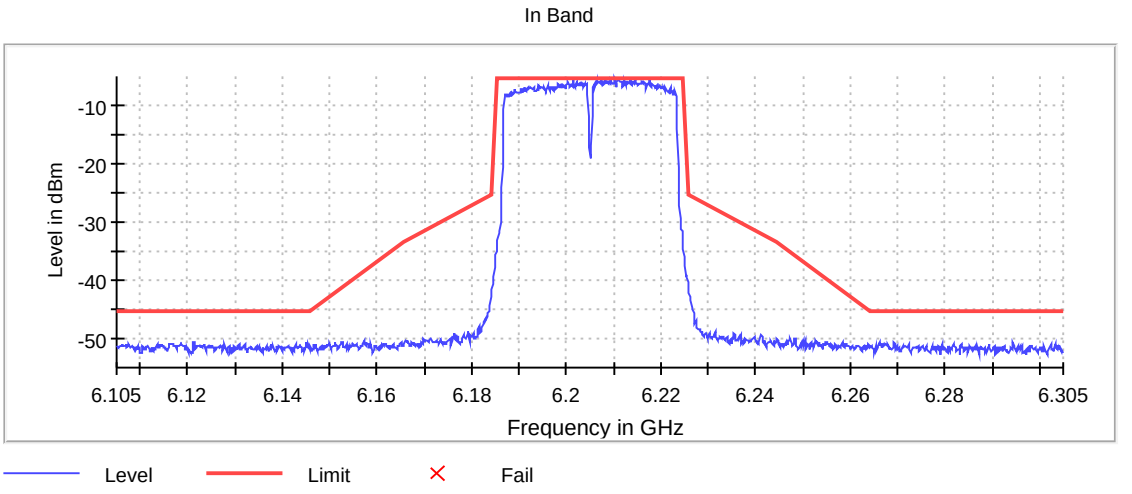
DUT Frequency (MHz)	Result
6205.000000	PASS

Inband Peak

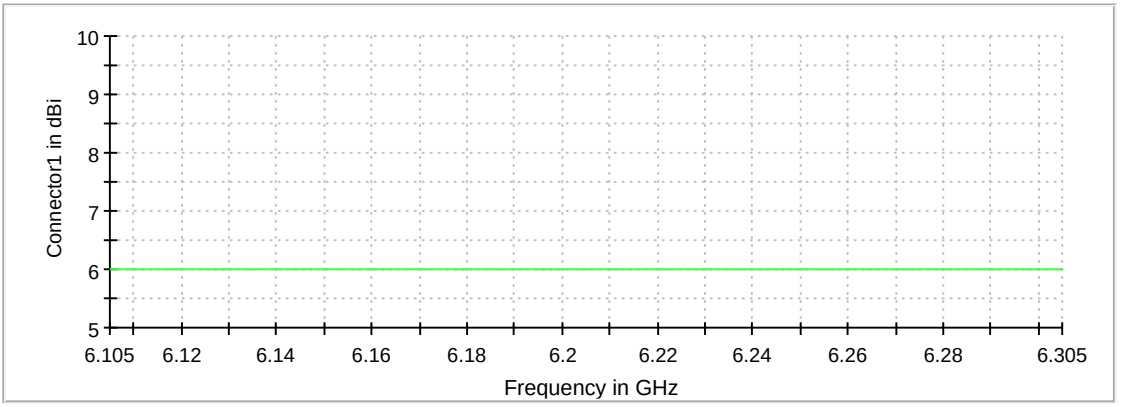
Frequency (MHz)	Level (dBm)
6213.402101	-5.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6213.402101	-5.3	0.0	-5.3	PASS
6210.251313	-5.4	0.1	-5.3	PASS
6214.602401	-5.5	0.2	-5.3	PASS
6209.501125	-5.5	0.2	-5.3	PASS
6217.603151	-5.6	0.2	-5.3	PASS
6207.400600	-5.6	0.2	-5.3	PASS
6211.151538	-5.6	0.3	-5.3	PASS
6210.851463	-5.6	0.3	-5.3	PASS
6210.101275	-5.6	0.3	-5.3	PASS
6201.549137	-5.7	0.4	-5.3	PASS
6211.001500	-5.7	0.4	-5.3	PASS
6206.350338	-5.8	0.4	-5.3	PASS
6212.351838	-5.8	0.4	-5.3	PASS
6208.150788	-5.8	0.4	-5.3	PASS
6215.952738	-5.8	0.5	-5.3	PASS

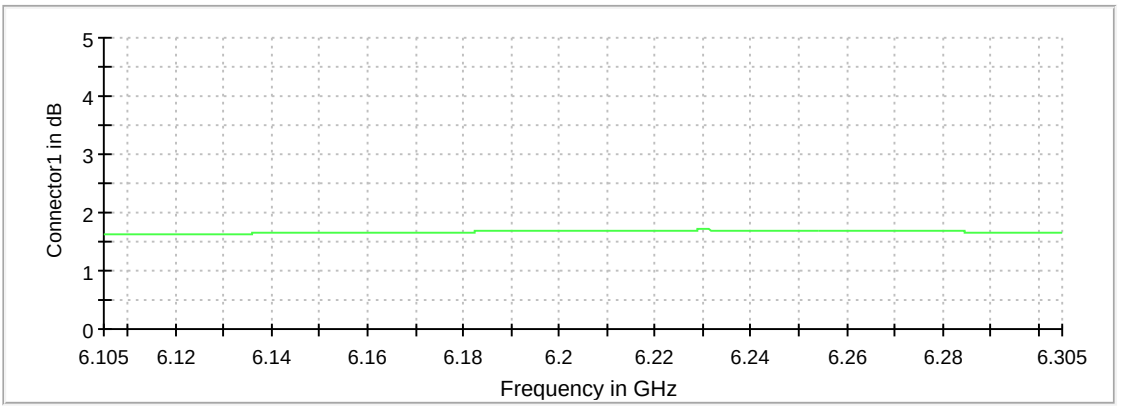


Gain



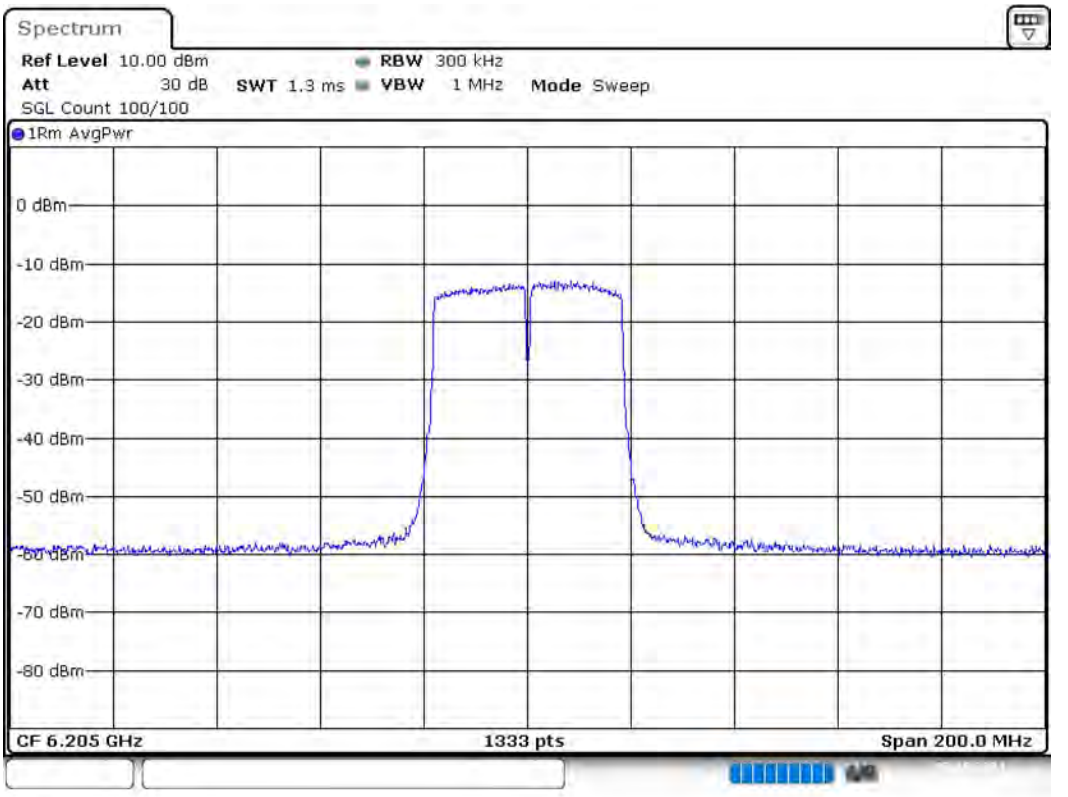
Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 10.00 dBm
RBW 300 kHz
Att 30 dB
SWT 1.3 ms
VBW 1 MHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.205 GHz
1333 pts
Span 200.0 MHz
Date: 7.MAY.2021 16:12:17

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

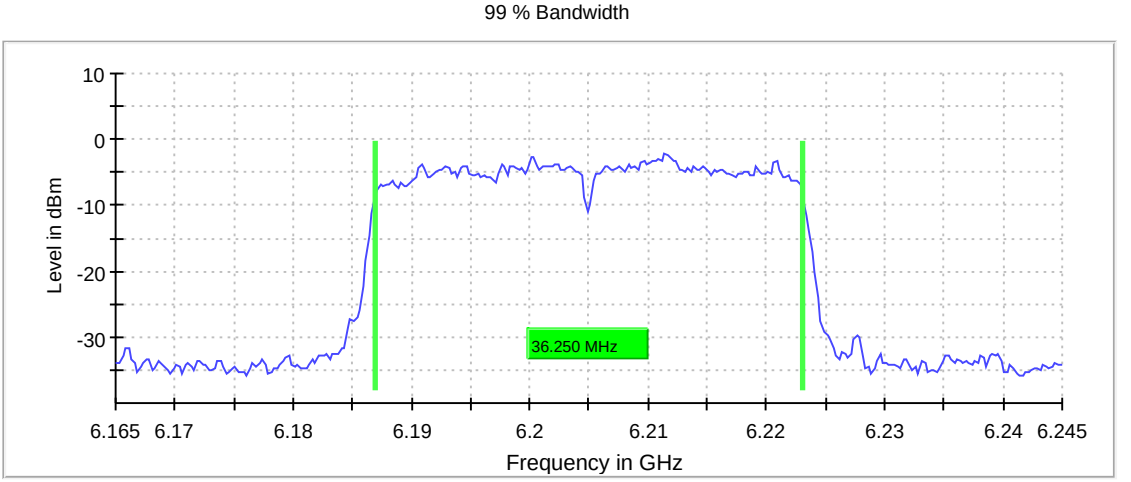
Customized settings.

99 % Bandwidth

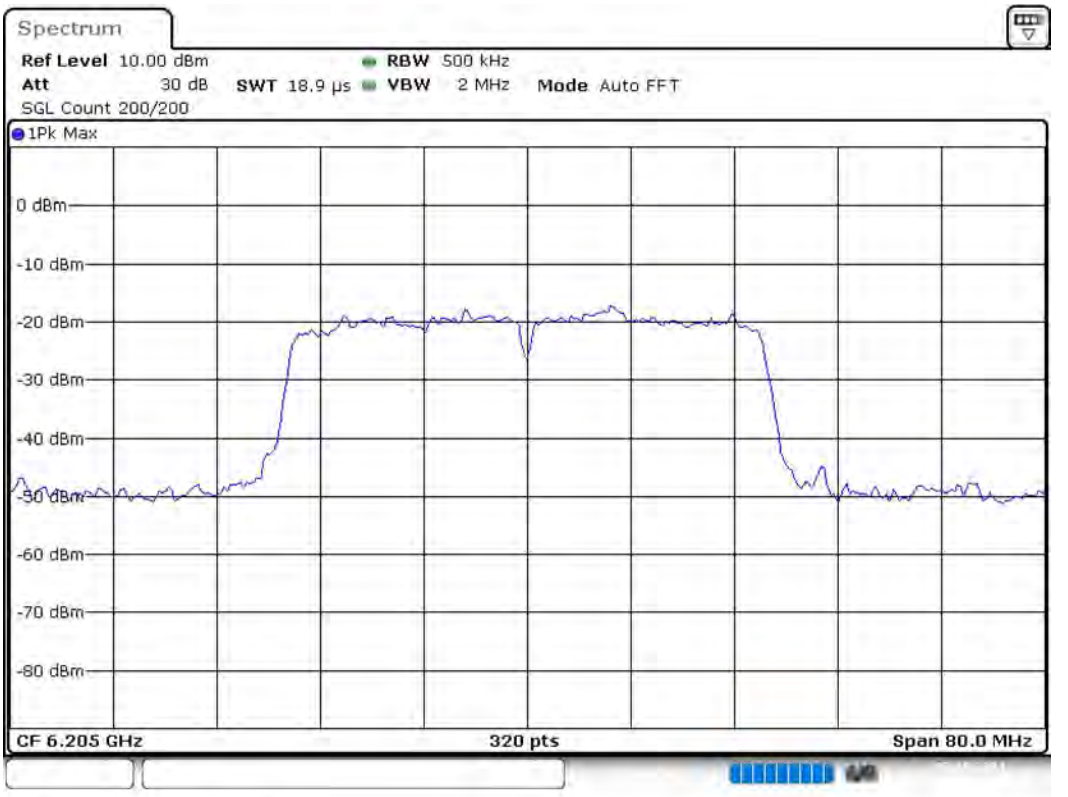
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6205.000000	36.250000	---	320.000000	6186.875000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 500 kHz
Att 30 dB
SWT 18.9 µs
VBW 2 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.205 GHz
320 pts
Span 80.0 MHz
Date: 7.MAY.2021 16:12:29

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

Customized settings.

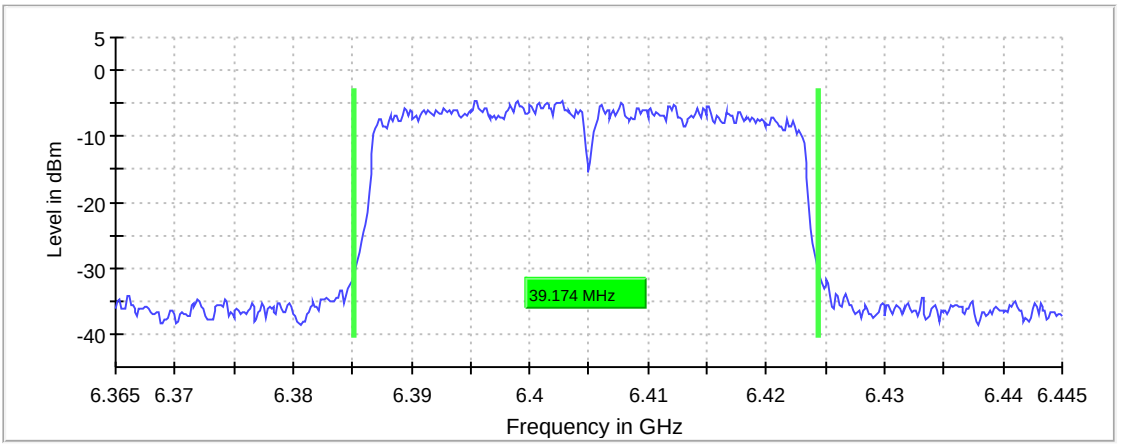
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6405.000000	39.174484	---	320.000000	6385.187617	---

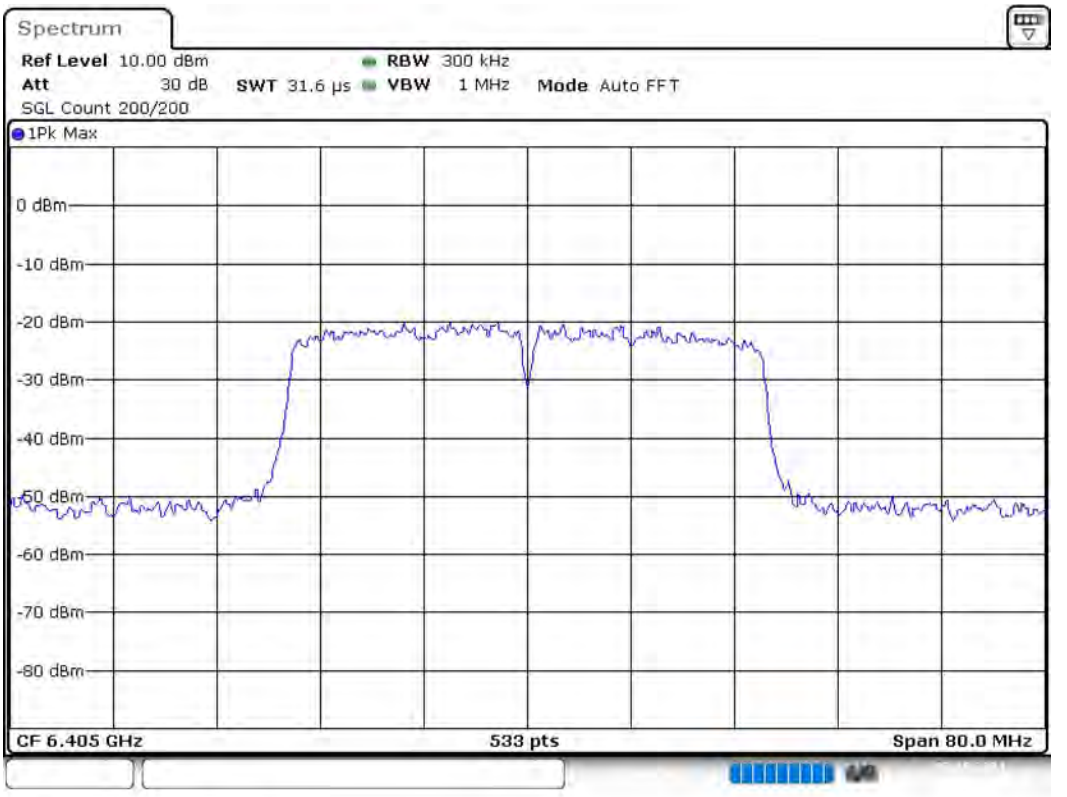
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6405.000000	6424.362101	---	-4.6	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 300 kHz
Att 30 dB
SWT 31.6 µs
VBW 1 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.405 GHz
533 pts
Span 80.0 MHz
Date: 7.MAY.2021 16:12:42

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

Customized settings.

Result

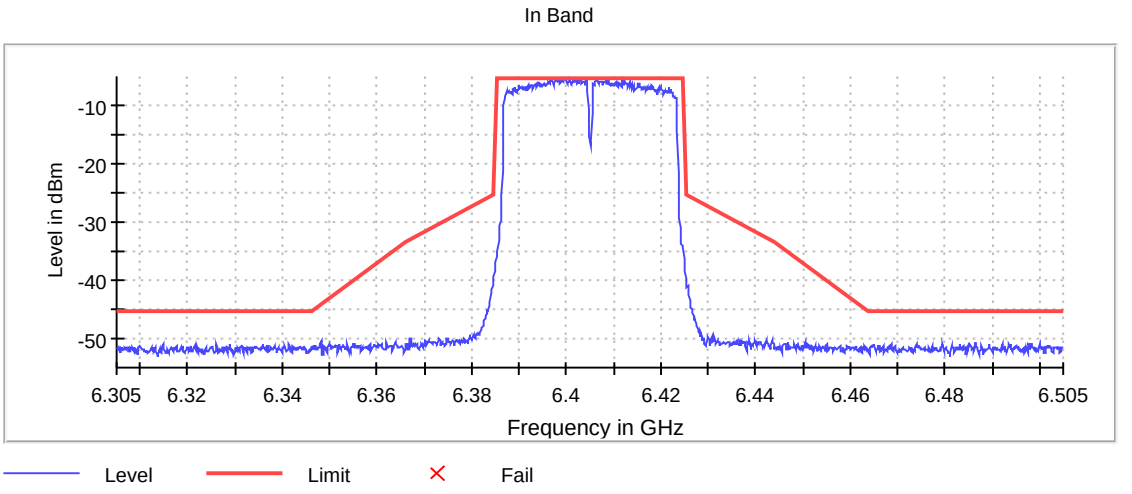
DUT Frequency (MHz)	Result
6405.000000	PASS

Inband Peak

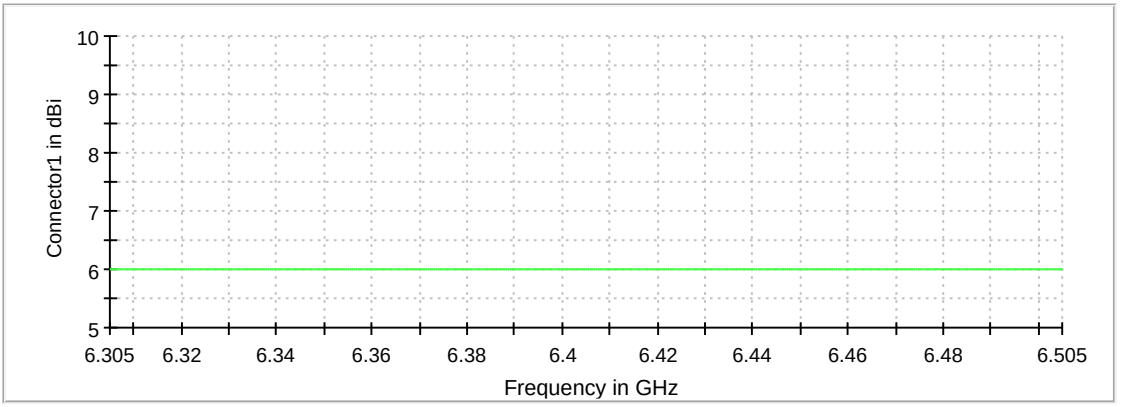
Frequency (MHz)	Level (dBm)
6399.598650	-5.4

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6399.598650	-5.4	0.0	-5.4	PASS
6402.299325	-5.5	0.1	-5.4	PASS
6397.948237	-5.5	0.1	-5.4	PASS
6402.899475	-5.5	0.1	-5.4	PASS
6406.350338	-5.6	0.1	-5.4	PASS
6397.798200	-5.6	0.1	-5.4	PASS
6399.748687	-5.6	0.2	-5.4	PASS
6399.148537	-5.6	0.2	-5.4	PASS
6401.549137	-5.6	0.2	-5.4	PASS
6399.448612	-5.6	0.2	-5.4	PASS
6408.900975	-5.7	0.2	-5.4	PASS
6400.048762	-5.7	0.2	-5.4	PASS
6408.450863	-5.7	0.2	-5.4	PASS
6411.901725	-5.7	0.2	-5.4	PASS
6399.898725	-5.7	0.2	-5.4	PASS

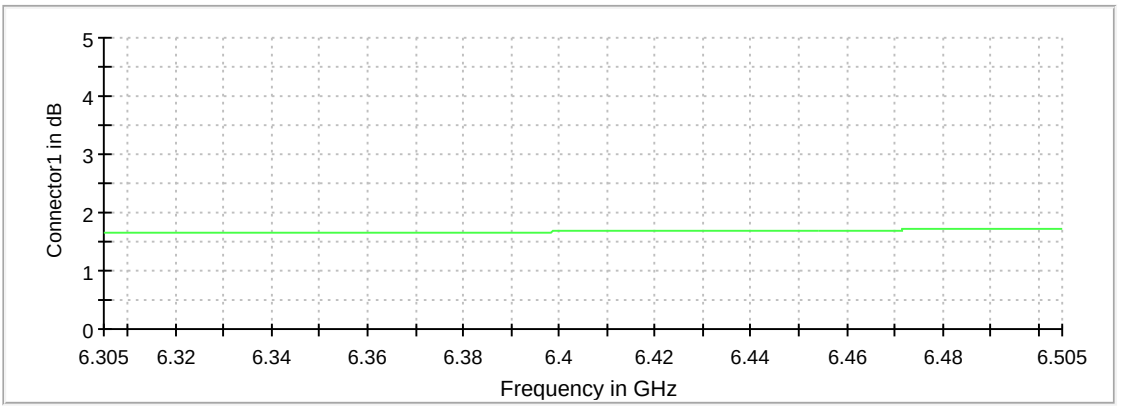


Gain



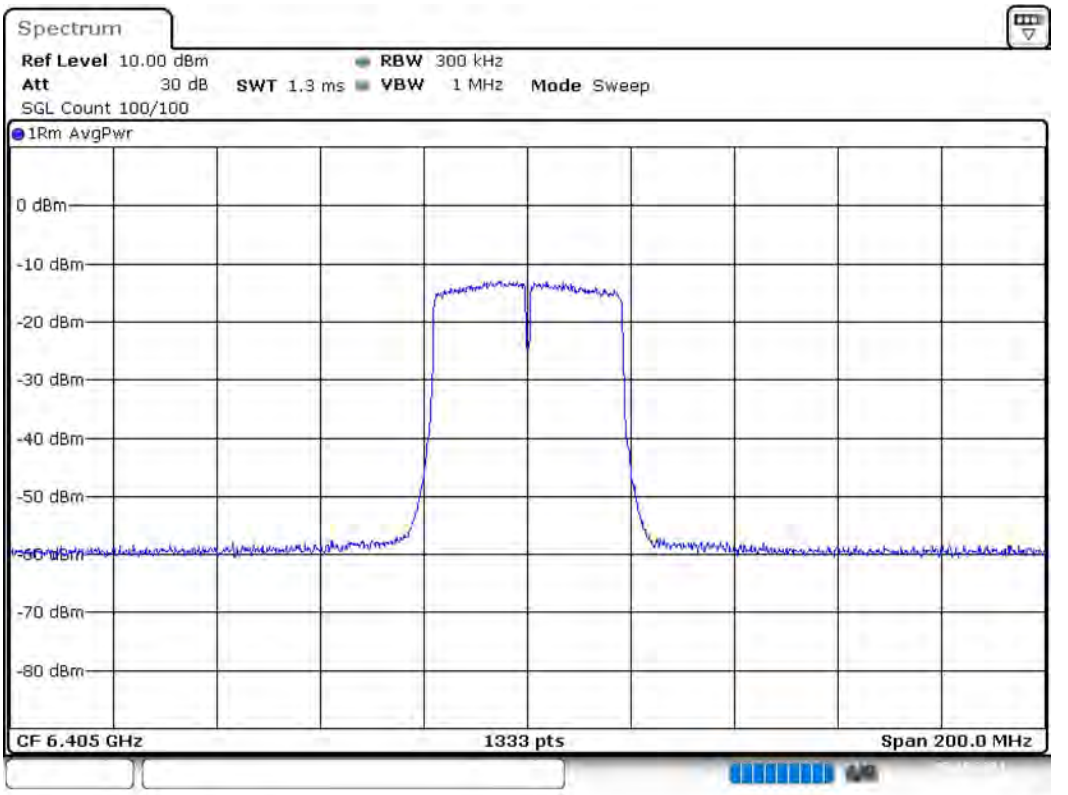
Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 10.00 dBm
RBW 300 kHz
Att 30 dB
SWT 1.3 ms
VBW 1 MHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.405 GHz
1333 pts
Span 200.0 MHz
Date: 7.MAY.2021 16:13:37

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

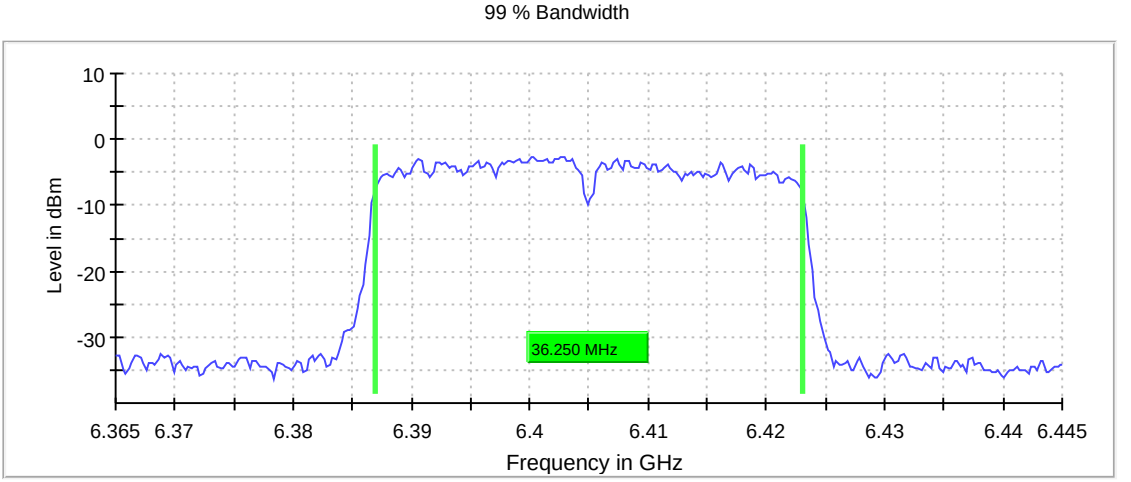
Customized settings.

99 % Bandwidth

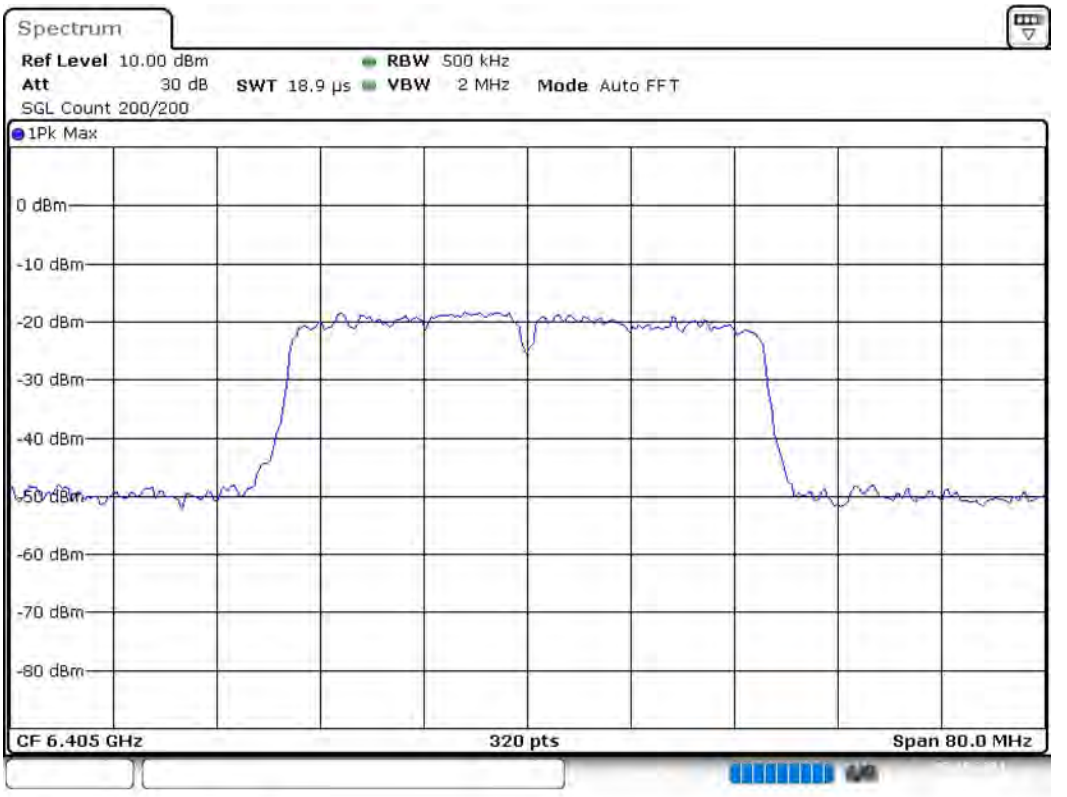
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6405.000000	36.250000	---	320.000000	6386.875000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 500 kHz
Att 30 dB
SWT 18.9 µs
VBW 2 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.405 GHz
320 pts
Span 80.0 MHz
Date: 7.MAY.2021 16:13:46

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

Customized settings.

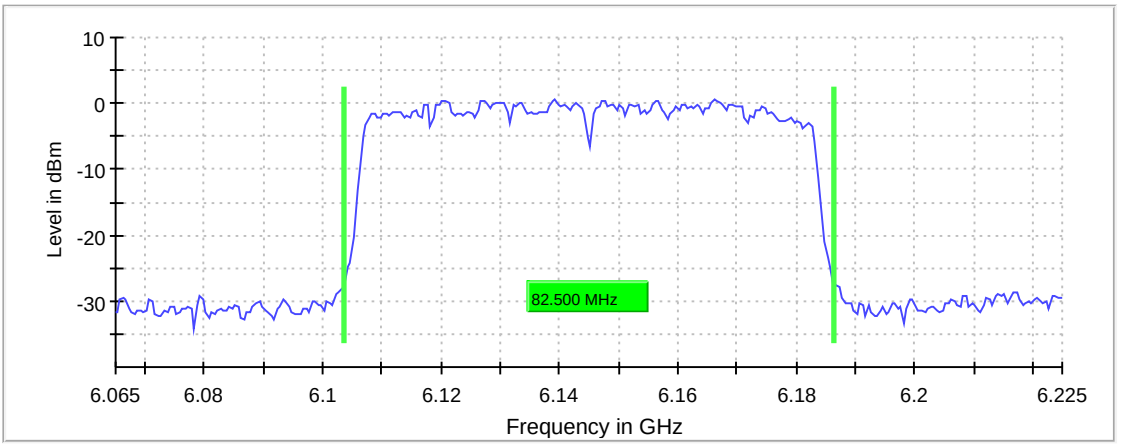
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6145.000000	82.500000	---	320.000000	6103.750000	---

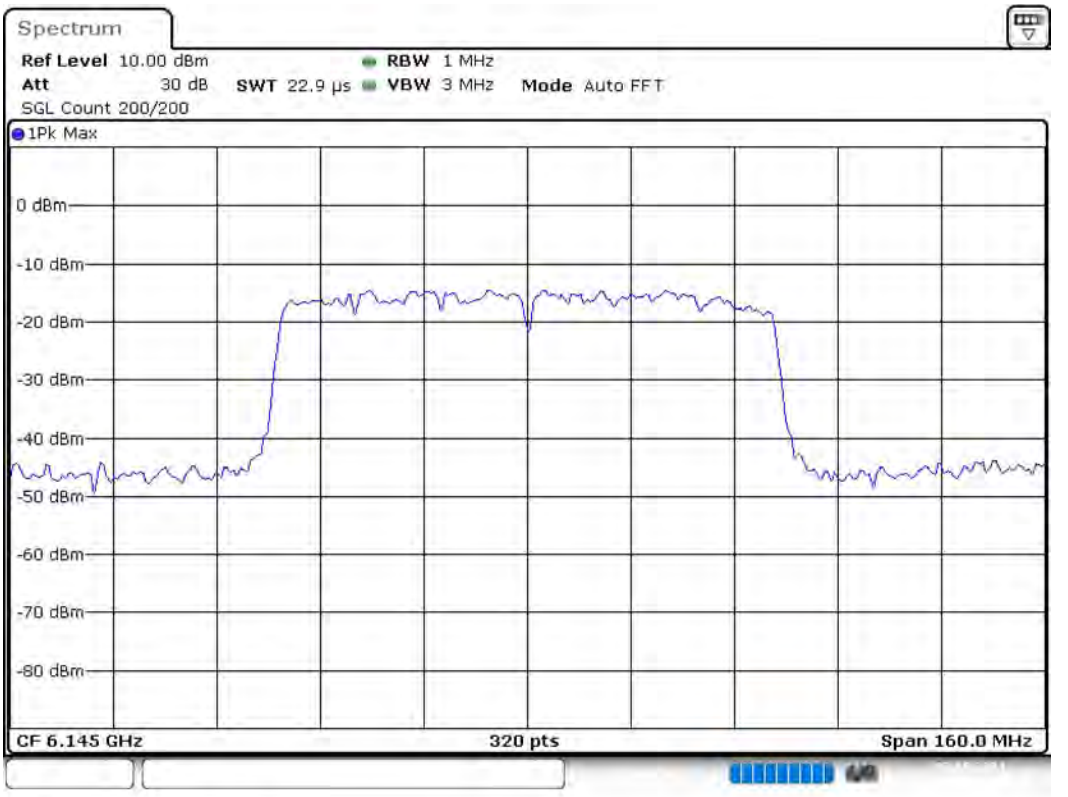
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6145.000000	6186.250000	---	0.5	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 1 MHz
Att 30 dB
SWT 22.9 µs
VBW 3 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.145 GHz
320 pts
Span 160.0 MHz
Date: 7.MAY.2021 16:14:12

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

Customized settings.

Result

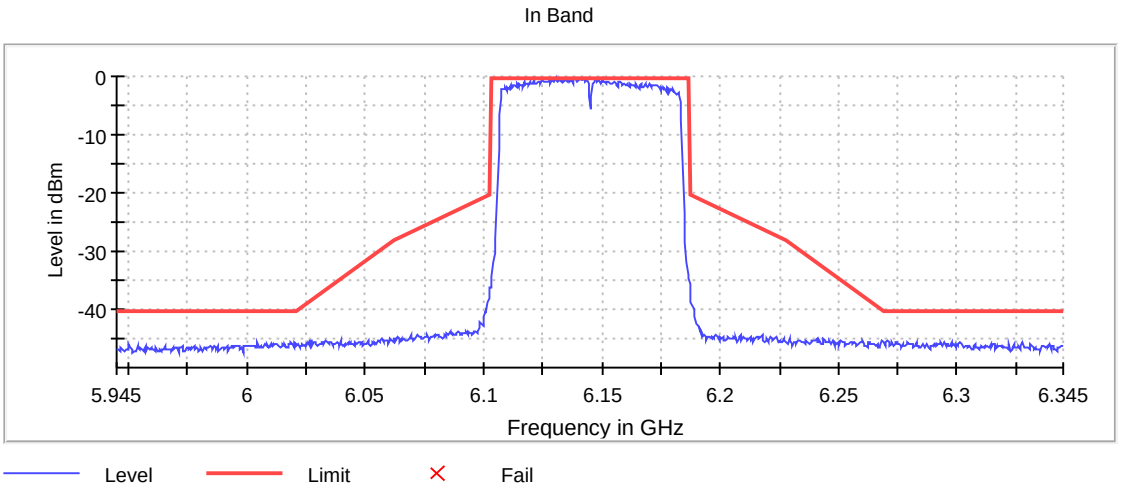
DUT Frequency (MHz)	Result
6145.000000	PASS

Inband Peak

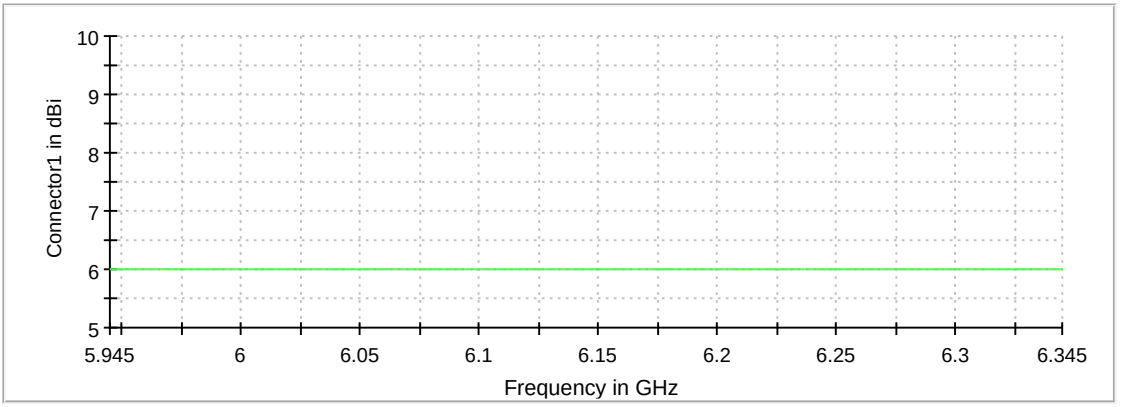
Frequency (MHz)	Level (dBm)
6130.250000	-0.2

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6130.250000	-0.2	0.0	-0.2	PASS
6140.750000	-0.2	0.0	-0.2	PASS
6138.750000	-0.2	0.0	-0.2	PASS
6142.750000	-0.3	0.1	-0.2	PASS
6132.250000	-0.5	0.3	-0.2	PASS
6150.250000	-0.5	0.3	-0.2	PASS
6134.750000	-0.5	0.3	-0.2	PASS
6133.250000	-0.5	0.3	-0.2	PASS
6140.250000	-0.5	0.3	-0.2	PASS
6148.750000	-0.6	0.4	-0.2	PASS
6136.250000	-0.6	0.4	-0.2	PASS
6137.250000	-0.6	0.4	-0.2	PASS
6133.750000	-0.6	0.4	-0.2	PASS
6130.750000	-0.6	0.4	-0.2	PASS
6147.250000	-0.6	0.4	-0.2	PASS

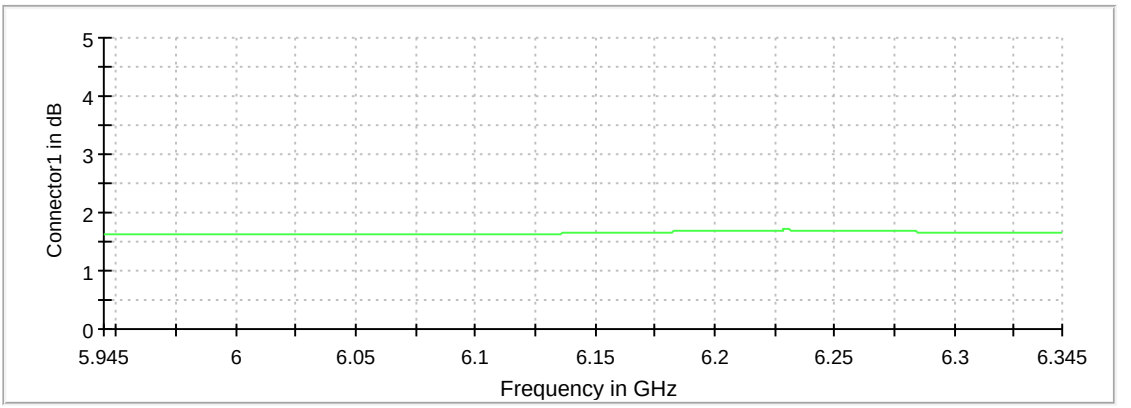


Gain



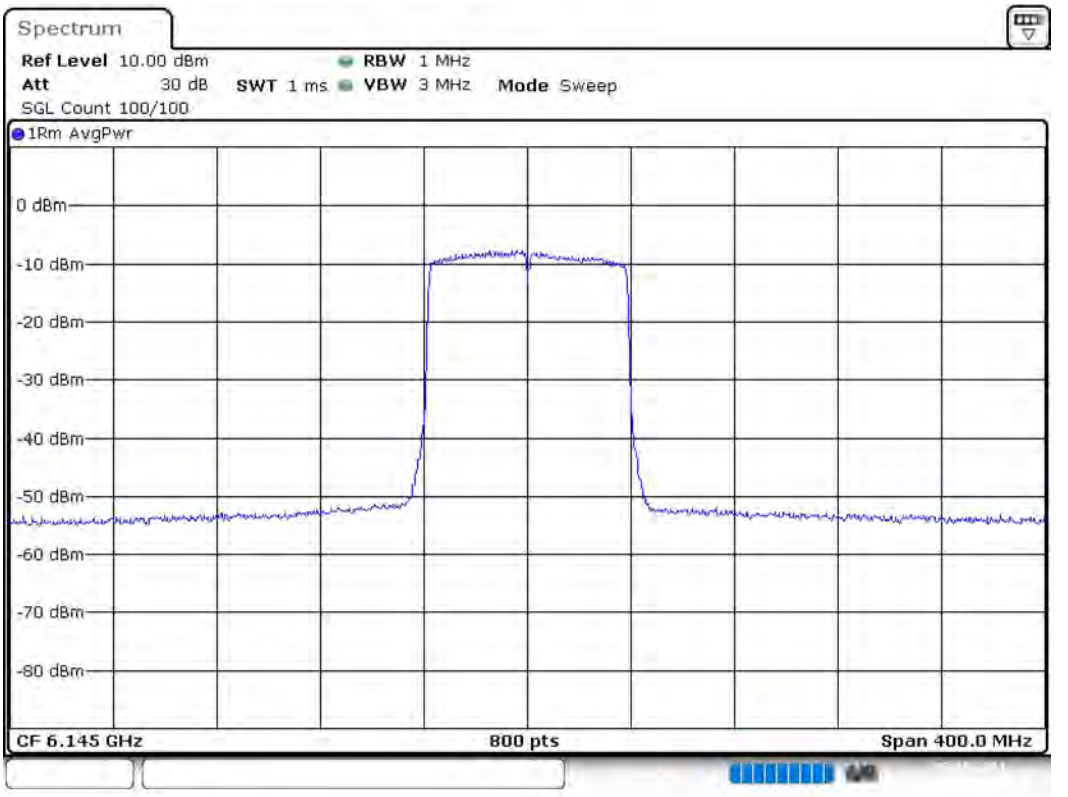
Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 10.00 dBm
RBW 1 MHz
Att 30 dB
SWT 1 ms
VBW 3 MHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.145 GHz
800 pts
Span 400.0 MHz
Date: 7.MAY.2021 16:15:08

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

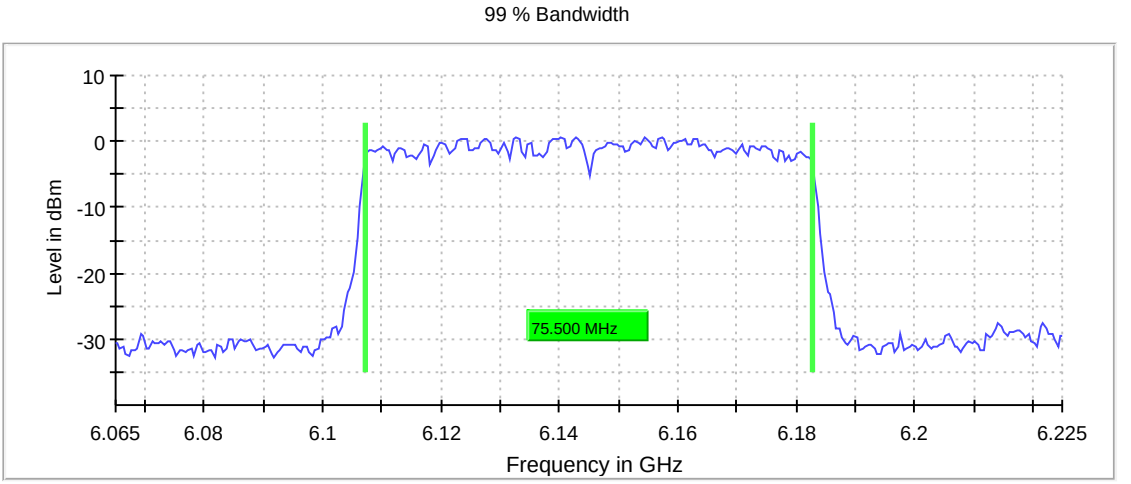
Customized settings.

99 % Bandwidth

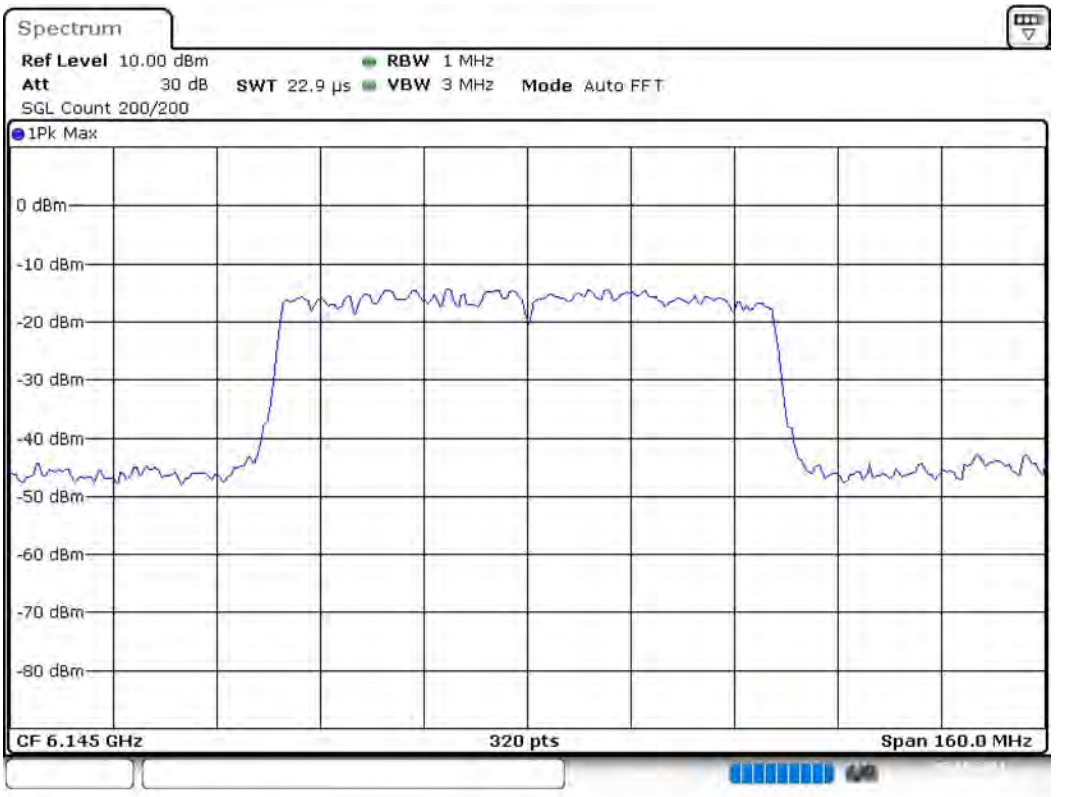
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6145.000000	75.500000	---	320.000000	6107.250000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 1 MHz
Att 30 dB
SWT 22.9 µs
VBW 3 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.145 GHz
320 pts
Span 160.0 MHz
Date: 7.MAY.2021 16:15:19

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

Customized settings.

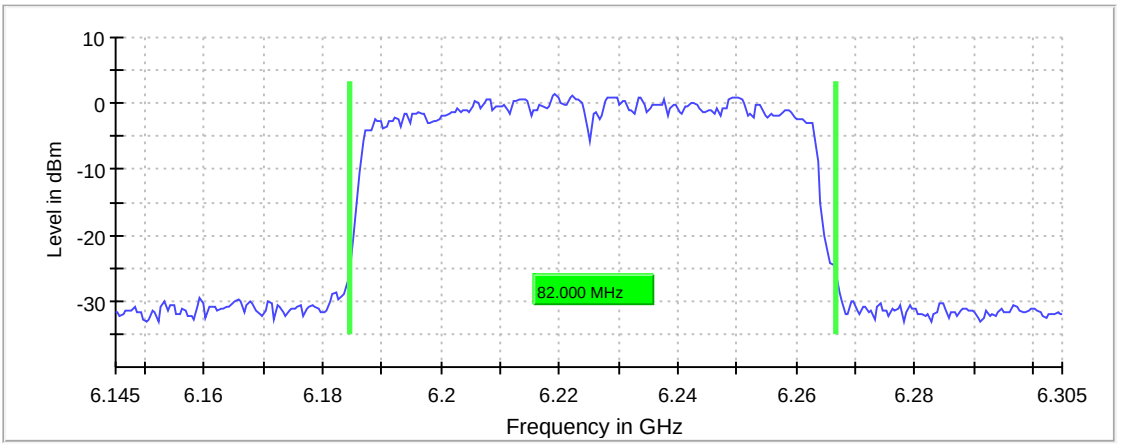
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6225.000000	82.000000	---	320.000000	6184.750000	---

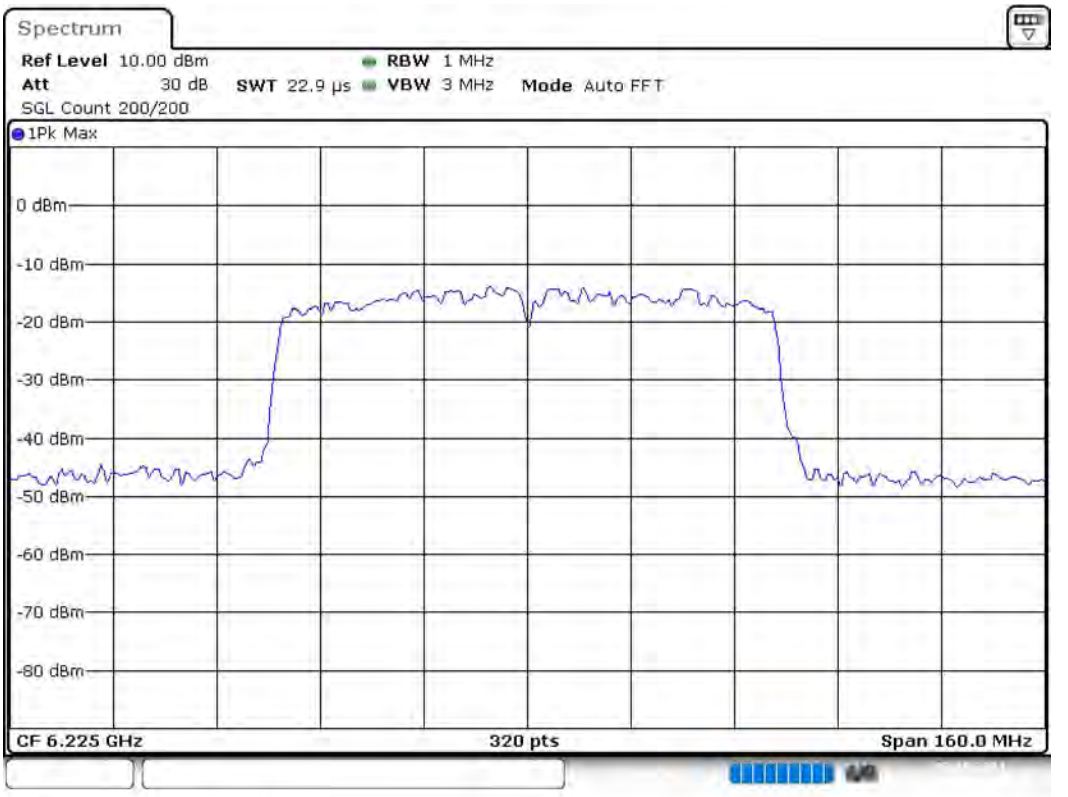
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6225.000000	6266.750000	---	1.3	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 1 MHz
Att 30 dB
SWT 22.9 µs
VBW 3 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.225 GHz
320 pts
Span 160.0 MHz
Date: 7.MAY.2021 16:16:04

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

Customized settings.

Result

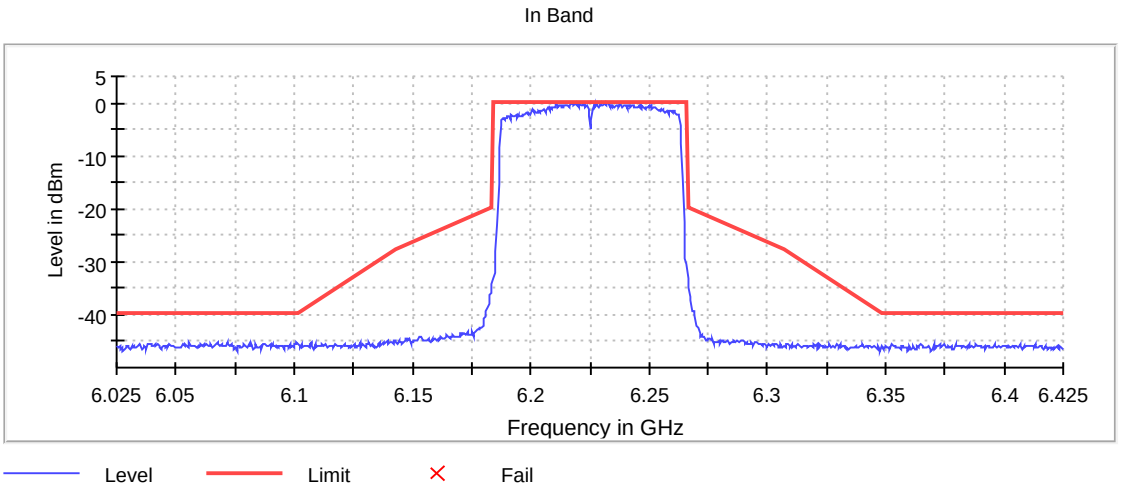
DUT Frequency (MHz)	Result
6225.000000	PASS

Inband Peak

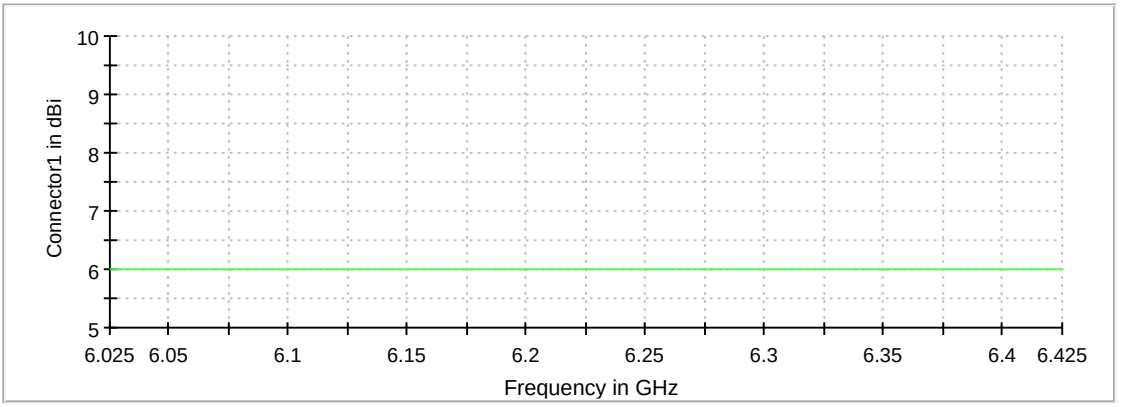
Frequency (MHz)	Level (dBm)
6232.250000	0.3

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6222.250000	0.0	0.3	0.3	PASS
6227.750000	0.0	0.3	0.3	PASS
6220.750000	-0.1	0.3	0.3	PASS
6217.750000	-0.1	0.3	0.3	PASS
6219.750000	-0.1	0.3	0.3	PASS
6218.750000	-0.1	0.3	0.3	PASS
6222.750000	-0.1	0.4	0.3	PASS
6237.750000	-0.1	0.4	0.3	PASS
6226.750000	-0.2	0.4	0.3	PASS
6232.750000	-0.2	0.5	0.3	PASS
6229.250000	-0.2	0.5	0.3	PASS
6231.250000	-0.2	0.5	0.3	PASS
6217.250000	-0.3	0.5	0.3	PASS
6210.750000	-0.3	0.5	0.3	PASS
6212.250000	-0.4	0.6	0.3	PASS

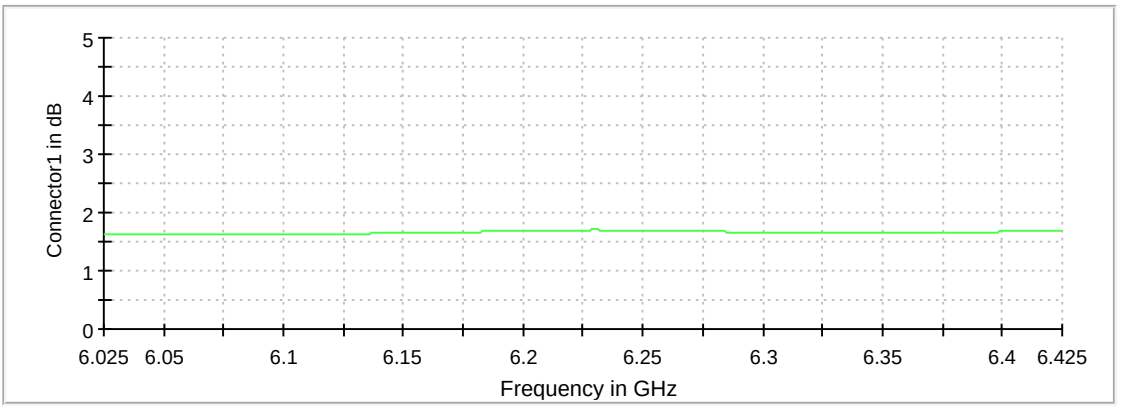


Gain



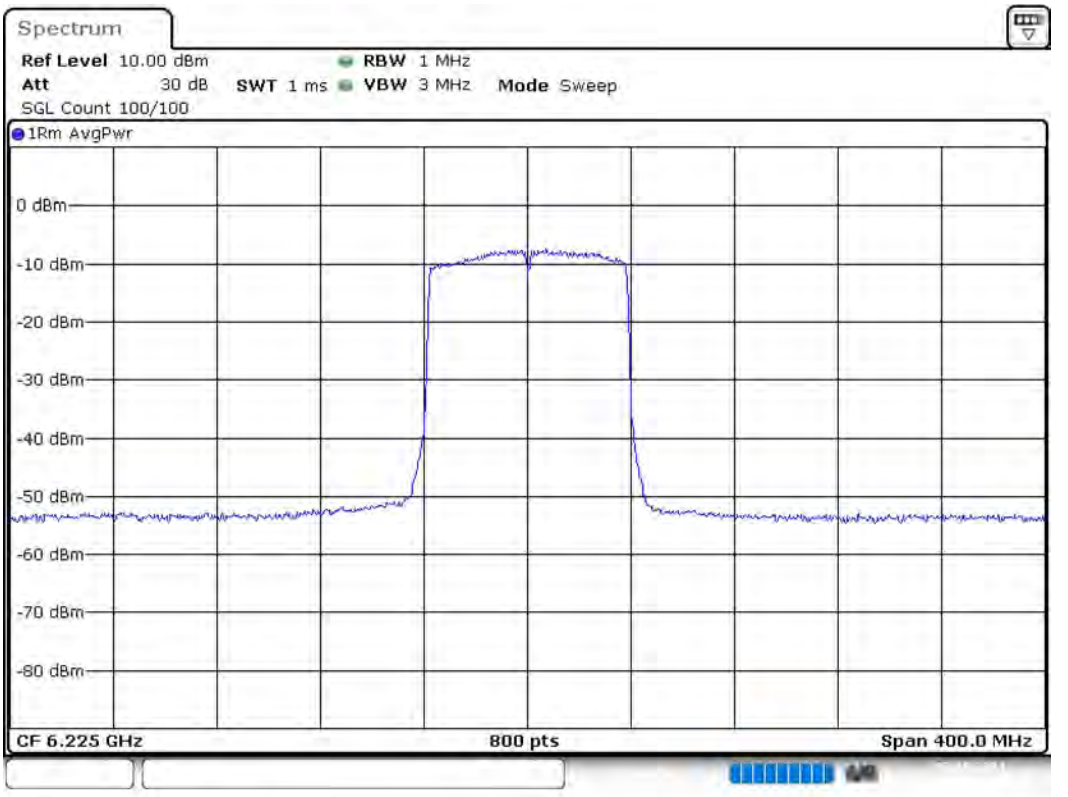
Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 10.00 dBm
RBW 1 MHz
Att 30 dB
SWT 1 ms
VBW 3 MHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.225 GHz
800 pts
Span 400.0 MHz
Date: 7.MAY.2021 16:16:59

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

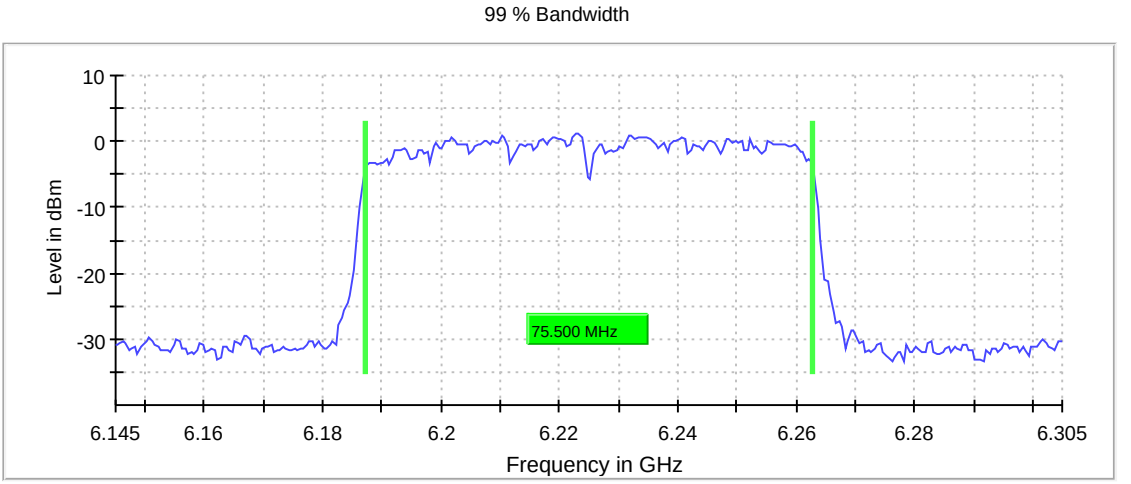
Customized settings.

99 % Bandwidth

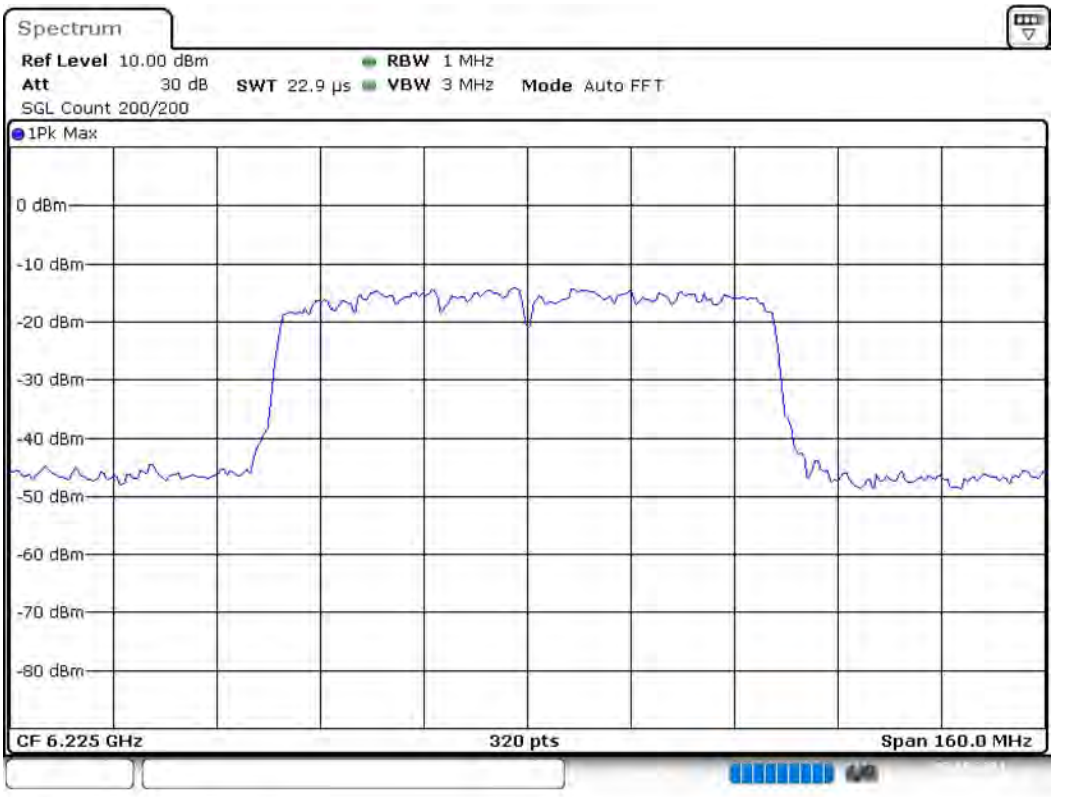
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6225.000000	75.500000	---	320.000000	6187.250000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 1 MHz
Att 30 dB
SWT 22.9 µs
VBW 3 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.225 GHz
320 pts
Span 160.0 MHz
Date: 7.MAY.2021 16:17:10

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

Customized settings.

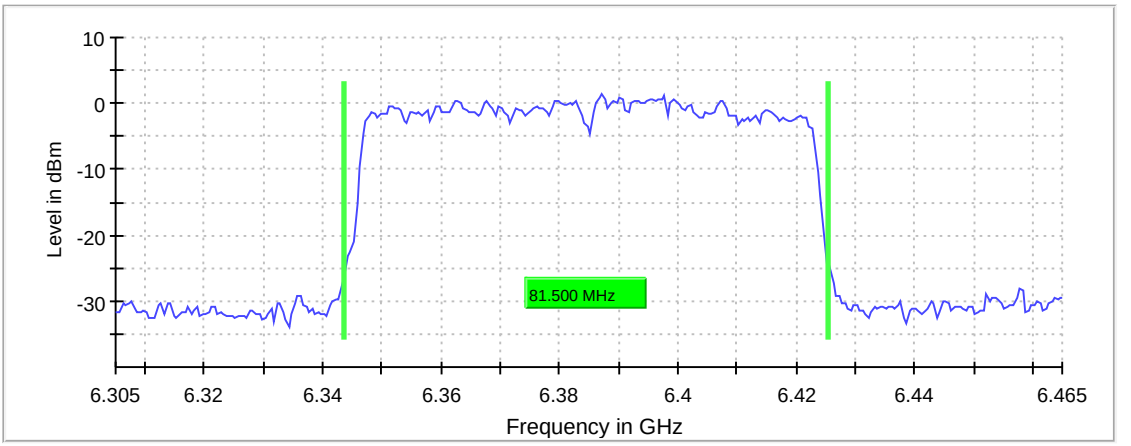
26 dB Bandwidth

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

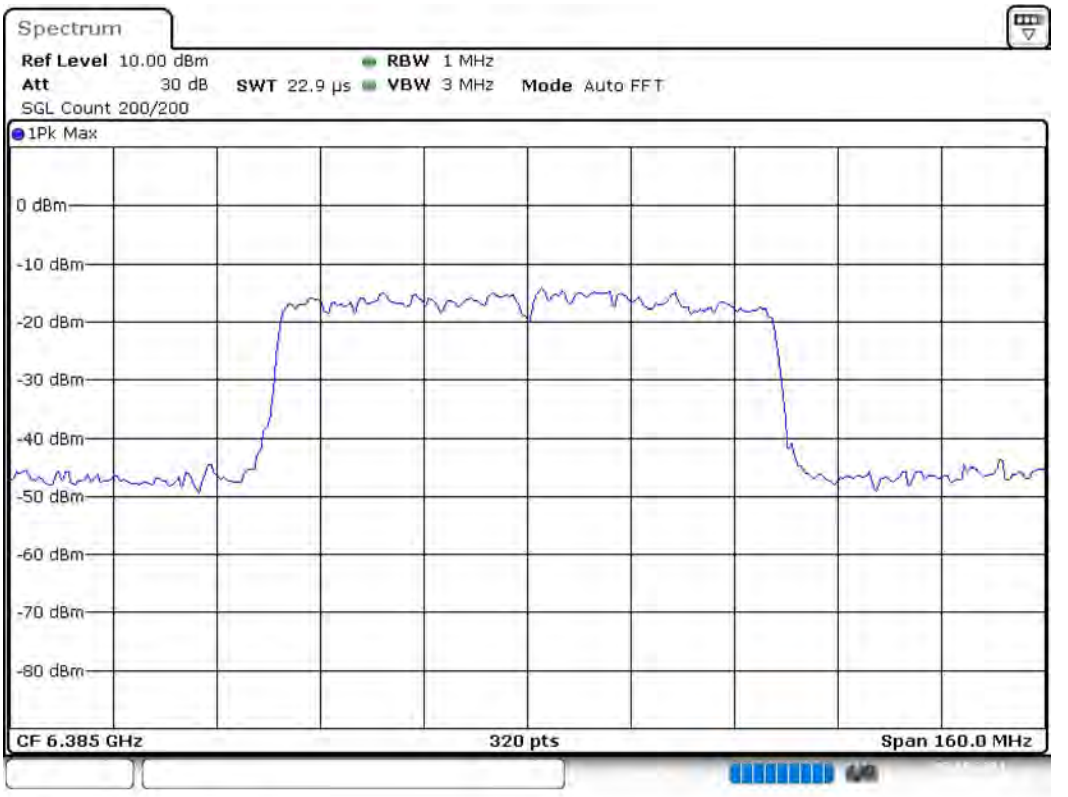
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6385.000000	6425.250000	---	1.4	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 1 MHz
Att 30 dB
SWT 22.9 µs
VBW 3 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.385 GHz
320 pts
Span 160.0 MHz
Date: 7.MAY.2021 16:17:24

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

Customized settings.

Result

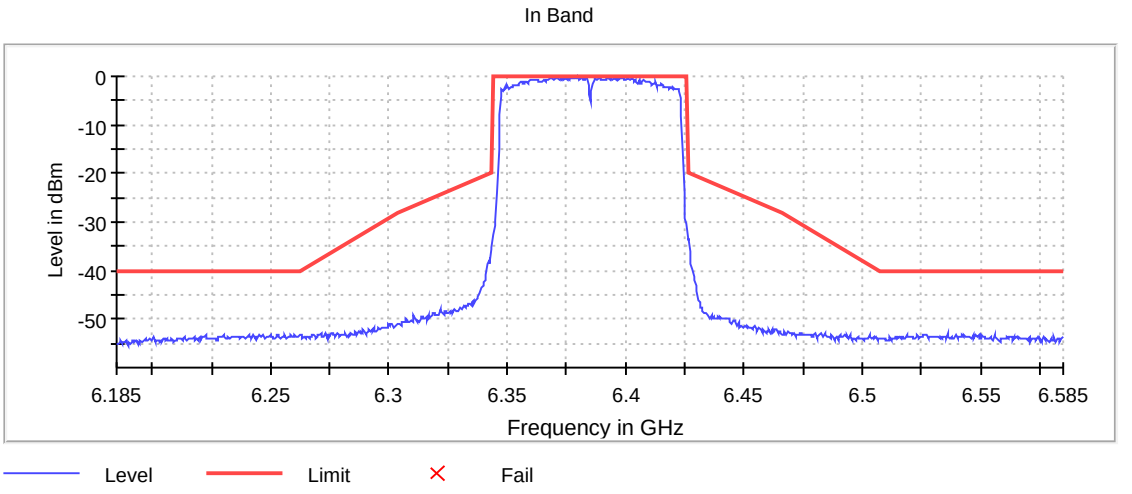
DUT Frequency (MHz)	Result
6385.000000	PASS

Inband Peak

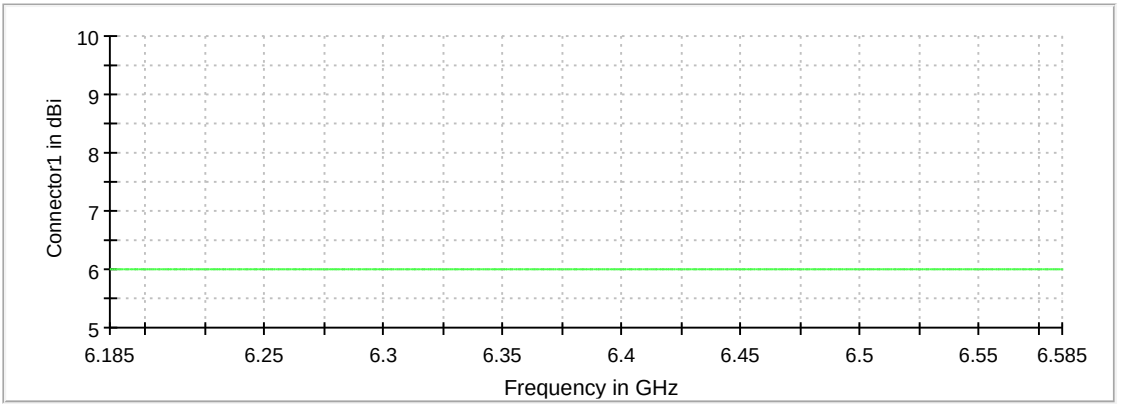
Frequency (MHz)	Level (dBm)
6379.250000	-0.1

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6380.250000	-0.2	0.1	-0.1	PASS
6402.750000	-0.2	0.1	-0.1	PASS
6401.250000	-0.2	0.1	-0.1	PASS
6395.250000	-0.2	0.2	-0.1	PASS
6373.750000	-0.2	0.2	-0.1	PASS
6396.250000	-0.3	0.2	-0.1	PASS
6379.750000	-0.3	0.2	-0.1	PASS
6372.750000	-0.3	0.2	-0.1	PASS
6398.250000	-0.3	0.2	-0.1	PASS
6378.750000	-0.3	0.2	-0.1	PASS
6393.750000	-0.3	0.2	-0.1	PASS
6397.750000	-0.3	0.2	-0.1	PASS
6374.750000	-0.3	0.3	-0.1	PASS
6383.250000	-0.3	0.3	-0.1	PASS
6368.750000	-0.3	0.3	-0.1	PASS

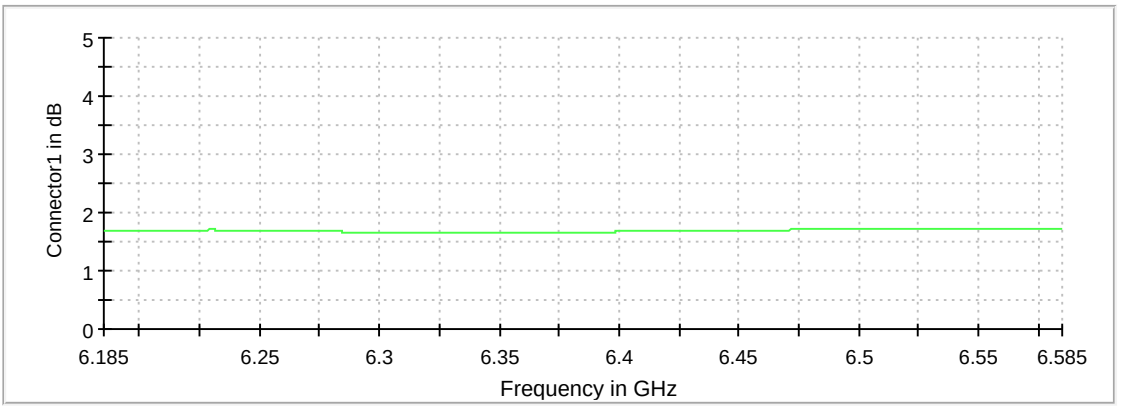


Gain



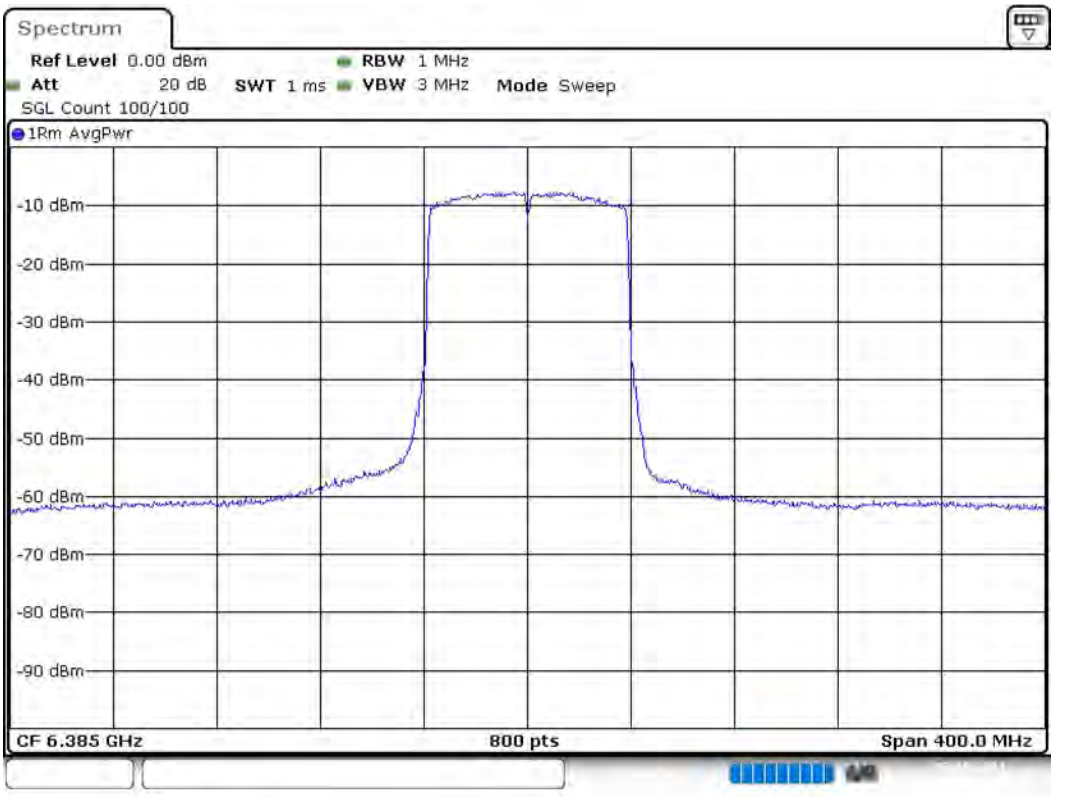
Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 0.00 dBm
RBW 1 MHz
Att 20 dB
SWT 1 ms
VBW 3 MHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
-90 dBm
CF 6.385 GHz
800 pts
Span 400.0 MHz
Date: 7.MAY.2021 16:19:27

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

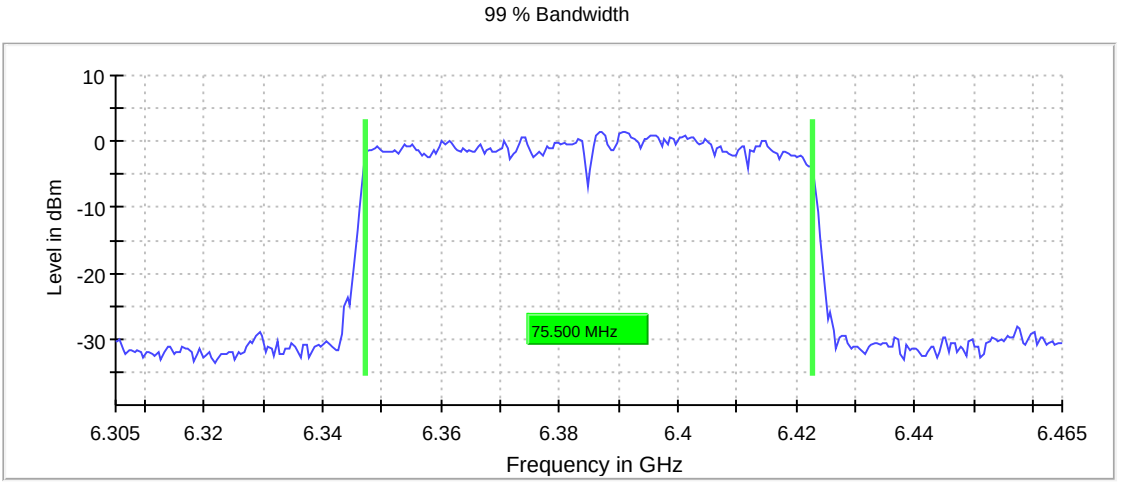
Customized settings.

99 % Bandwidth

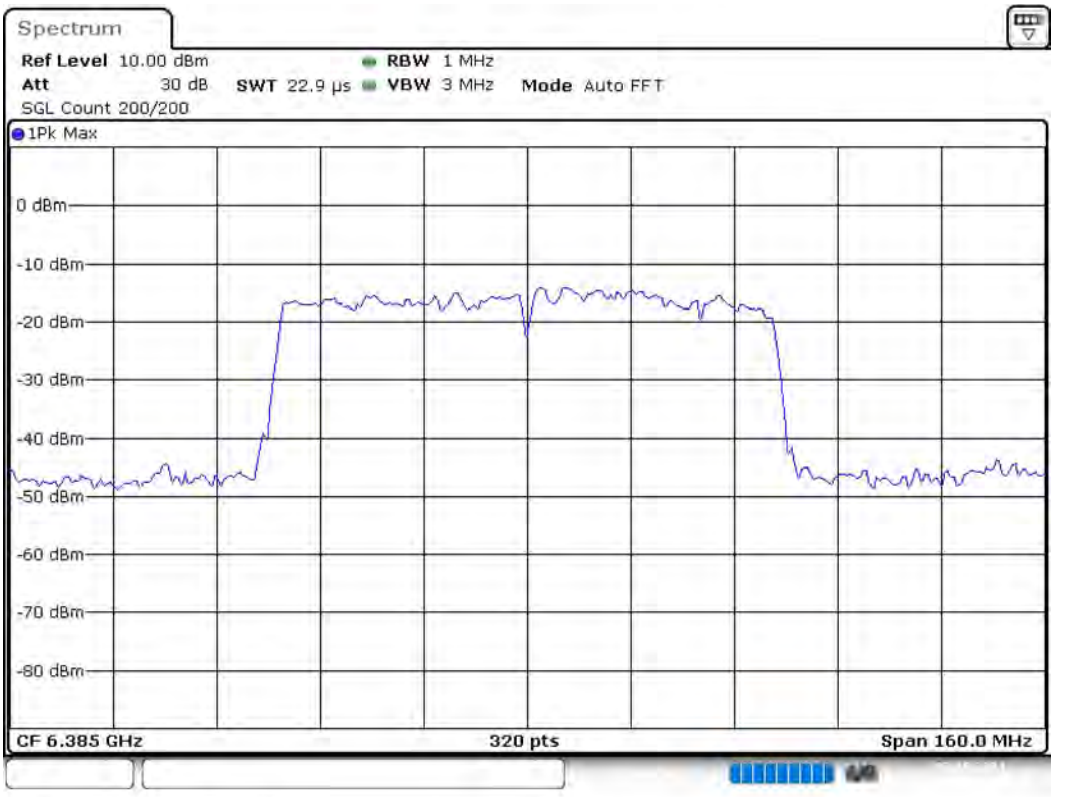
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6385.000000	75.500000	---	320.000000	6347.250000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 1 MHz
Att 30 dB
SWT 22.9 µs
VBW 3 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.385 GHz
320 pts
Span 160.0 MHz
Date: 7.MAY.2021 16:19:39

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

Customized settings.

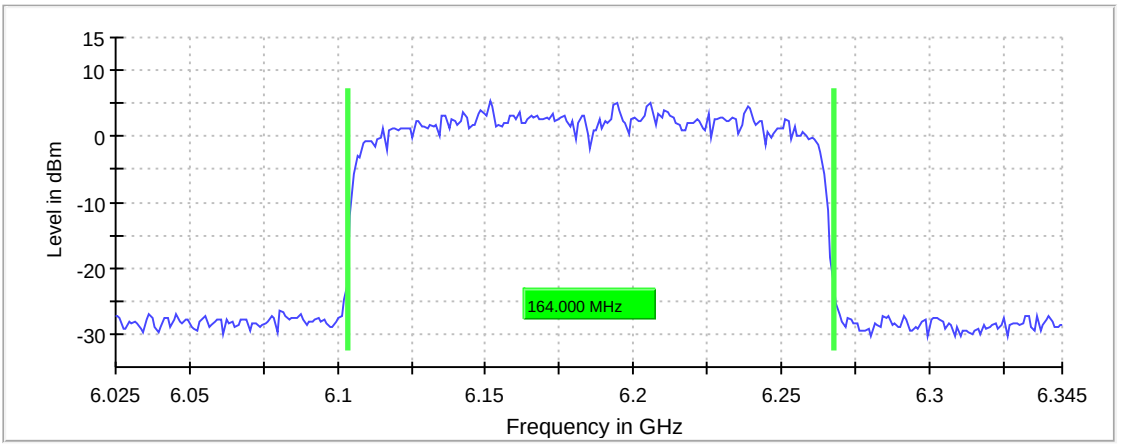
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6185.000000	164.000000	---	320.000000	6103.500000	---

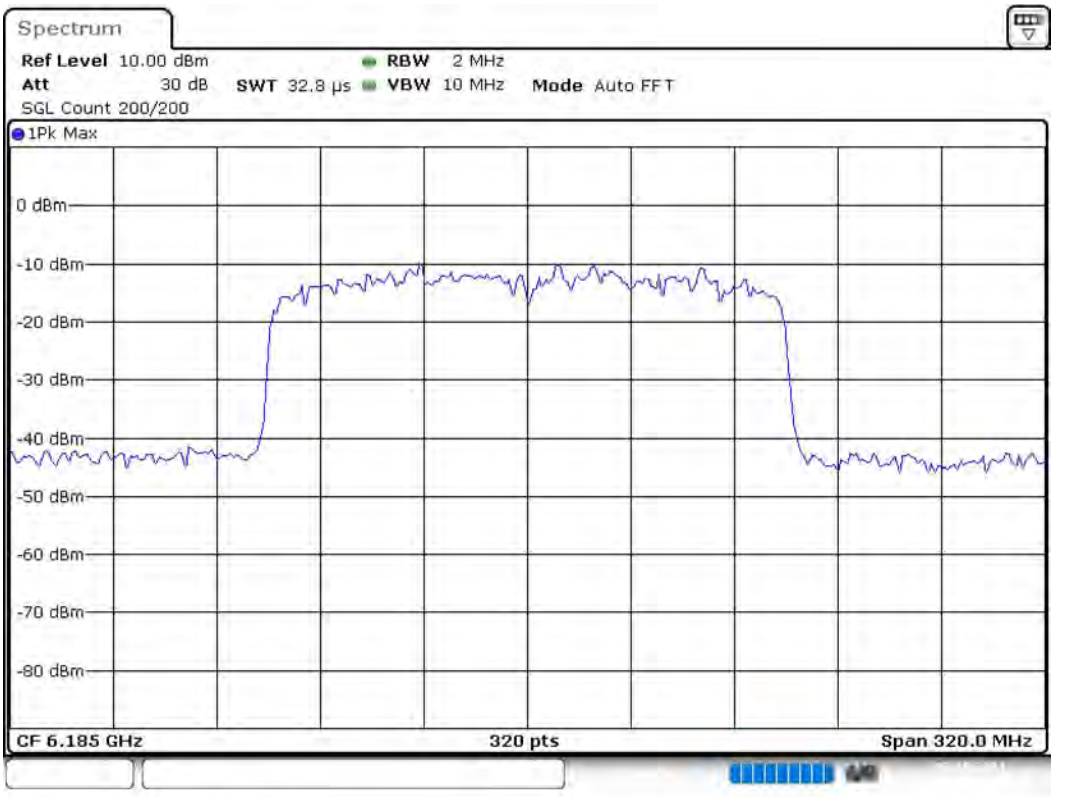
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6185.000000	6267.500000	---	5.3	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 2 MHz
Att 30 dB
SWT 32.8 µs
VBW 10 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.185 GHz
320 pts
Span 320.0 MHz
Date: 7.MAY.2021 16:20:05

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

Customized settings.

Result

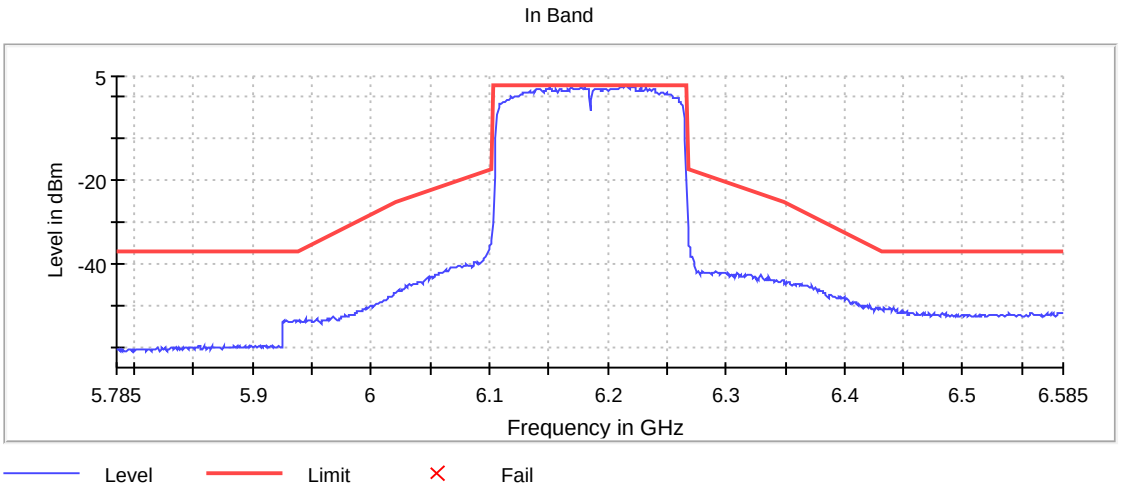
DUT Frequency (MHz)	Result
6185.000000	PASS

Inband Peak

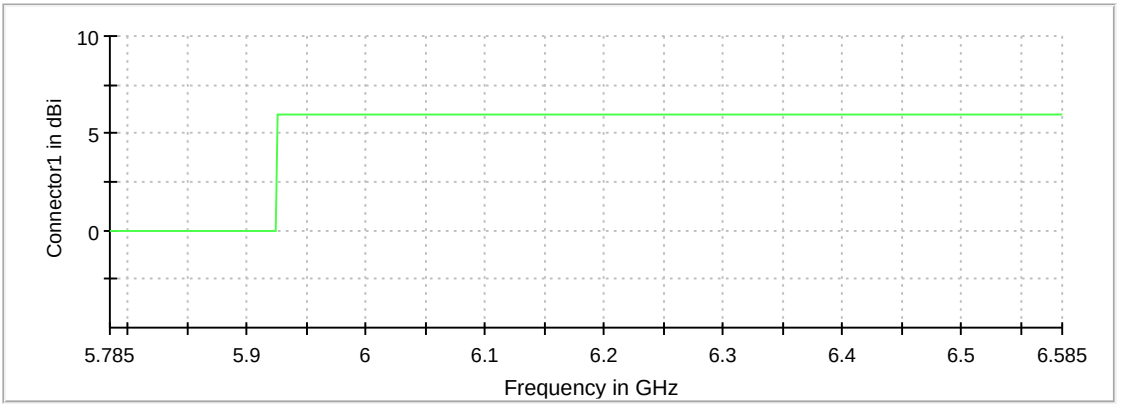
Frequency (MHz)	Level (dBm)
6213.500000	2.8

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6213.500000	2.8	0.0	2.8	PASS
6212.500000	2.7	0.1	2.8	PASS
6215.500000	2.7	0.1	2.8	PASS
6214.500000	2.6	0.2	2.8	PASS
6211.500000	2.4	0.4	2.8	PASS
6232.500000	2.4	0.4	2.8	PASS
6219.500000	2.3	0.5	2.8	PASS
6216.500000	2.3	0.5	2.8	PASS
6177.500000	2.3	0.5	2.8	PASS
6228.500000	2.3	0.5	2.8	PASS
6217.500000	2.3	0.5	2.8	PASS
6169.500000	2.3	0.5	2.8	PASS
6210.500000	2.3	0.5	2.8	PASS
6223.500000	2.2	0.6	2.8	PASS
6180.500000	2.2	0.6	2.8	PASS

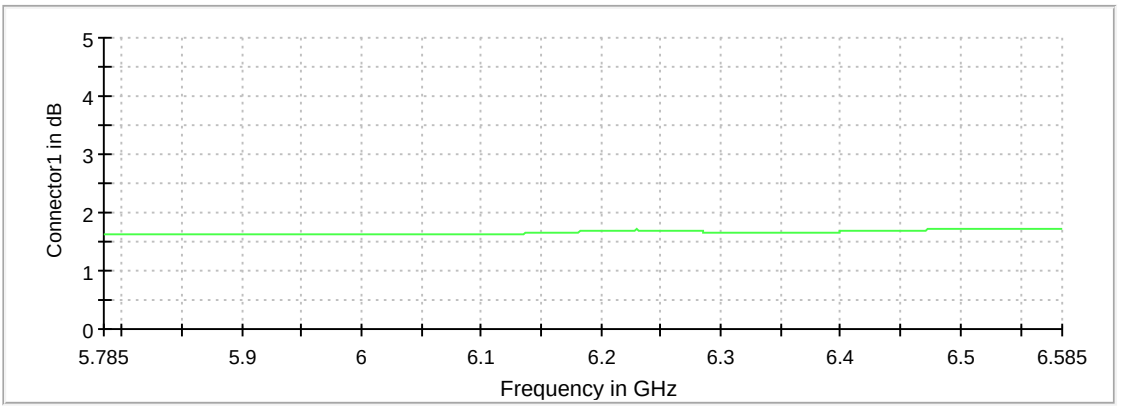


Gain



Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 0.00 dBm
RBW 2 MHz
Att 20 dB
SWT 1 ms
VBW 5 MHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
-90 dBm
CF 6.185 GHz
800 pts
Span 800.0 MHz
Date: 7.MAY.2021 16:21:49

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

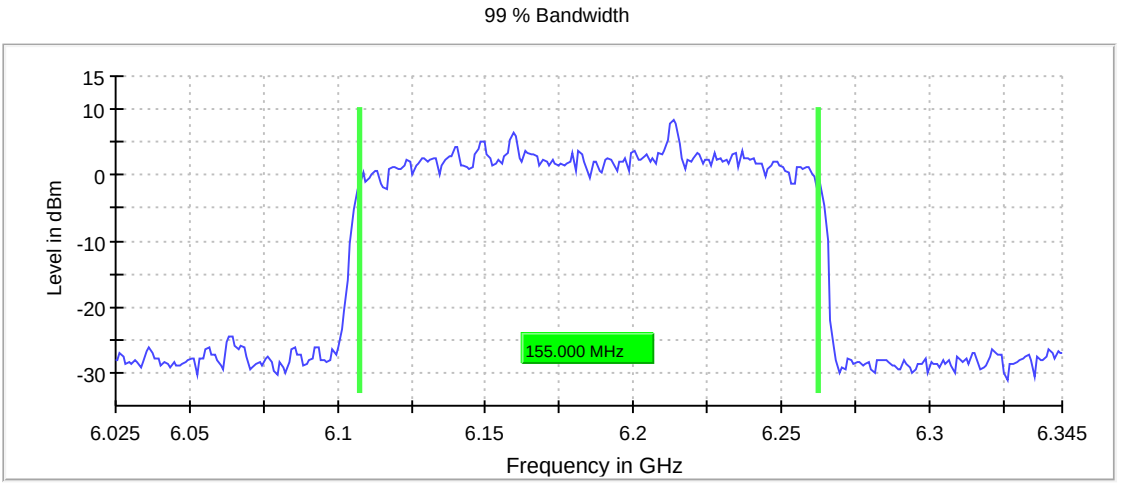
Customized settings.

99 % Bandwidth

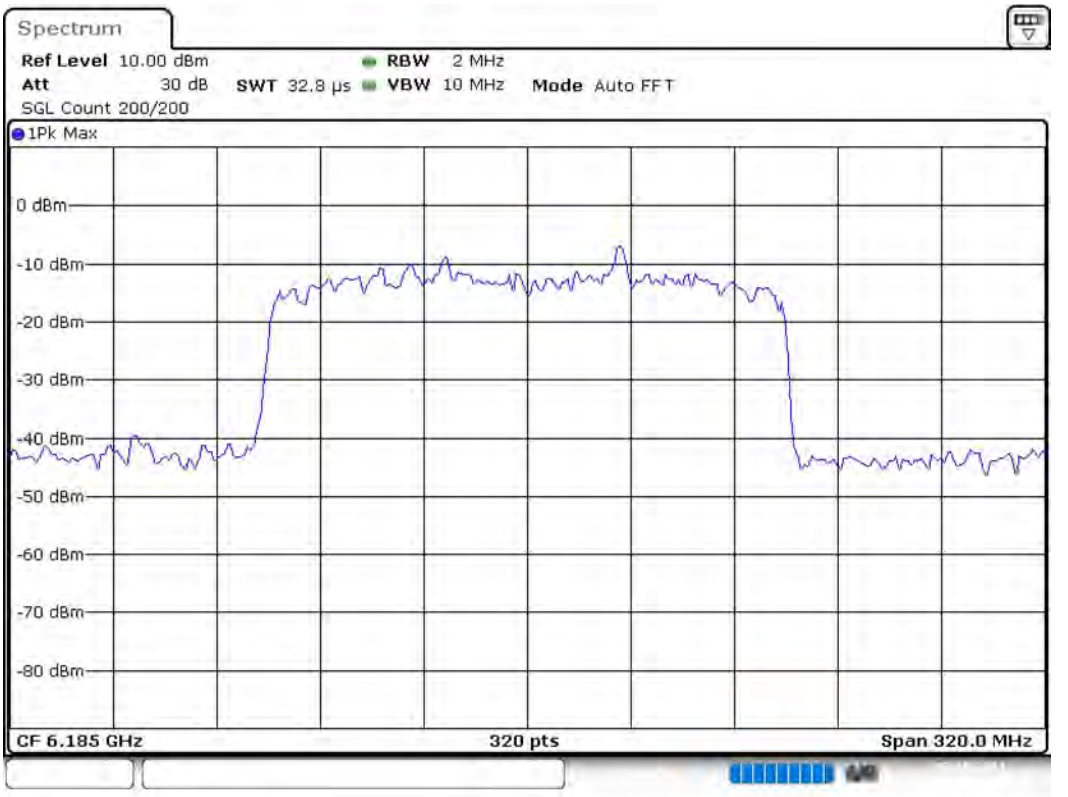
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6185.000000	155.000000	---	320.000000	6107.500000	5925.000000

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 2 MHz
Att 30 dB
SWT 32.8 µs
VBW 10 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.185 GHz
320 pts
Span 320.0 MHz
Date: 7.MAY.2021 16:22:08

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

Customized settings.

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

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

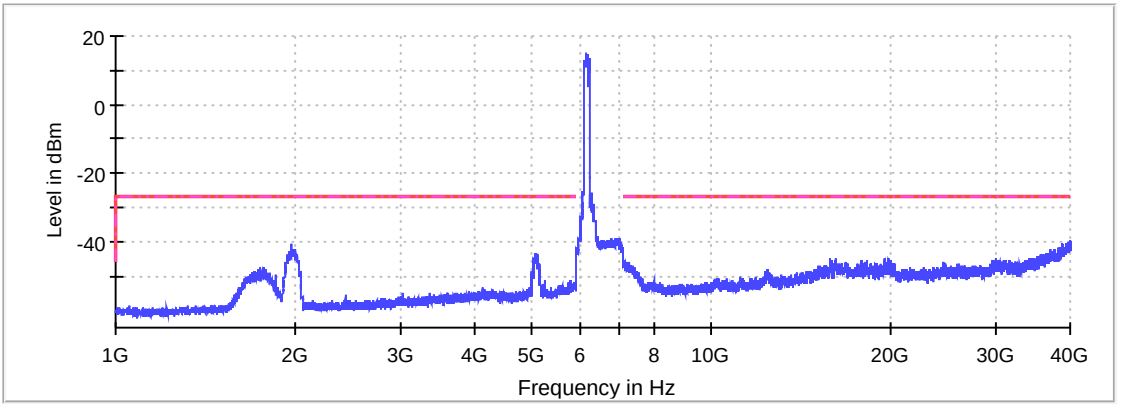
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
39870.250000	-39.7	12.7	-27.0
39854.750000	-39.8	12.8	-27.0
39912.750000	-39.8	12.8	-27.0
39896.750000	-39.9	12.9	-27.0
39938.750000	-39.9	12.9	-27.0
39866.250000	-40.0	13.0	-27.0
39845.750000	-40.0	13.0	-27.0
39887.750000	-40.1	13.1	-27.0
39977.250000	-40.1	13.1	-27.0
39873.750000	-40.1	13.1	-27.0
39850.250000	-40.1	13.1	-27.0
39885.750000	-40.1	13.1	-27.0
39900.750000	-40.2	13.2	-27.0
39869.250000	-40.2	13.2	-27.0
39957.750000	-40.2	13.2	-27.0

Measurement Settings

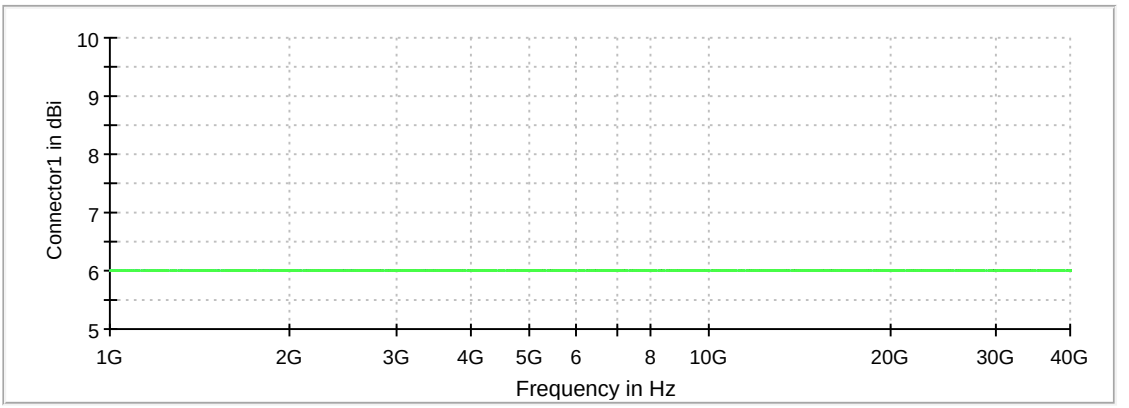
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



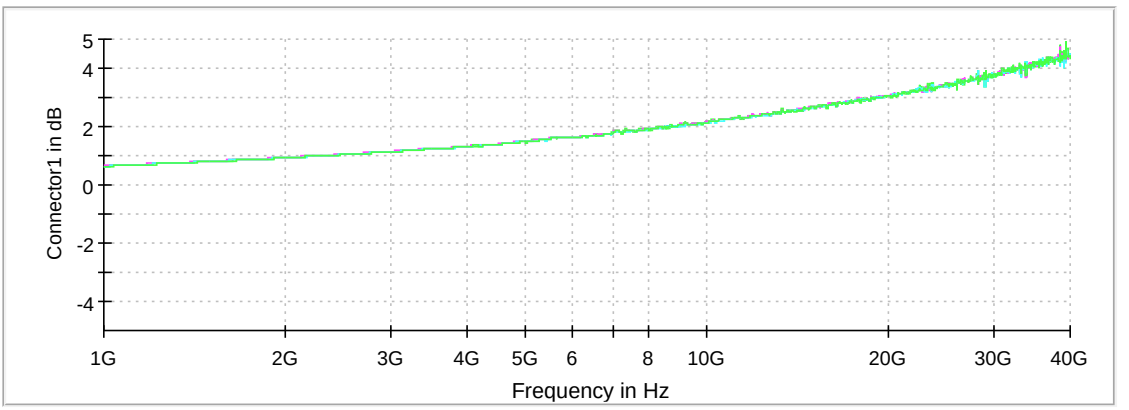
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2 Connector3 Connector4

Attenuation



Connector1 Connector2 Connector3 Connector4

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

Customized settings.

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

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

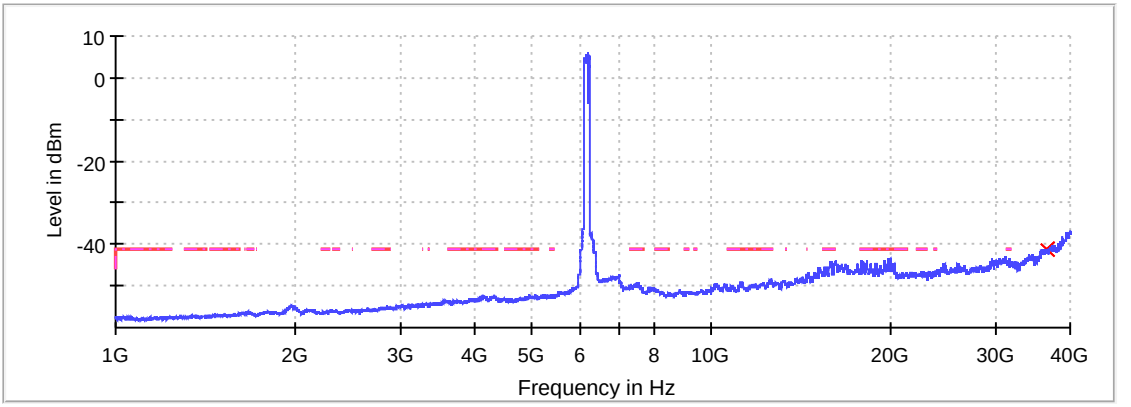
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36477.016343	-41.1	-0.1	-41.2
36482.516171	-41.2	0.0	-41.2
36487.328521	-41.2	0.0	-41.2
36494.203306	-41.2	0.0	-41.2
36450.892160	-41.2	0.0	-41.2
36484.578607	-41.3	0.1	-41.2
36453.642074	-41.3	0.1	-41.2
36491.453392	-41.3	0.1	-41.2
36456.391988	-41.3	0.1	-41.2
36451.579638	-41.3	0.1	-41.2
36493.515828	-41.3	0.1	-41.2
36466.016687	-41.3	0.1	-41.2
36448.142246	-41.3	0.1	-41.2
36452.267117	-41.3	0.1	-41.2
36499.703134	-41.3	0.1	-41.2

Measurement Settings

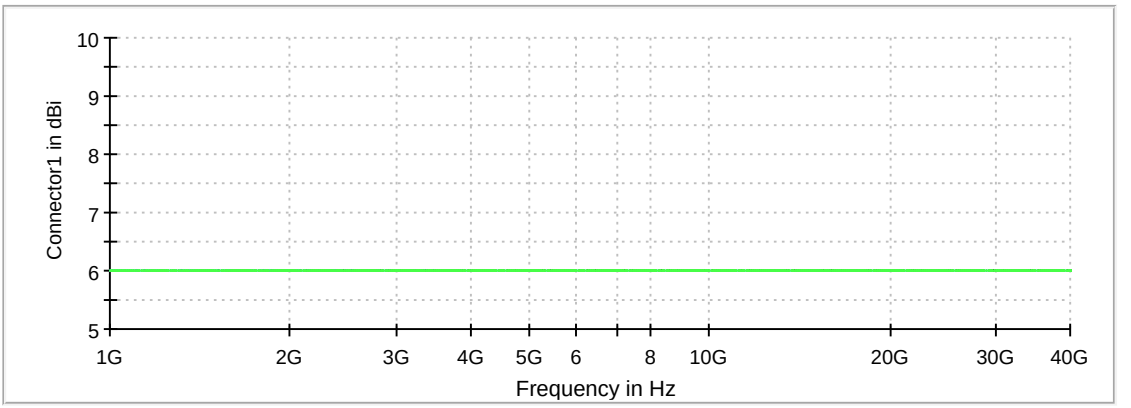
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1

Restricted Band



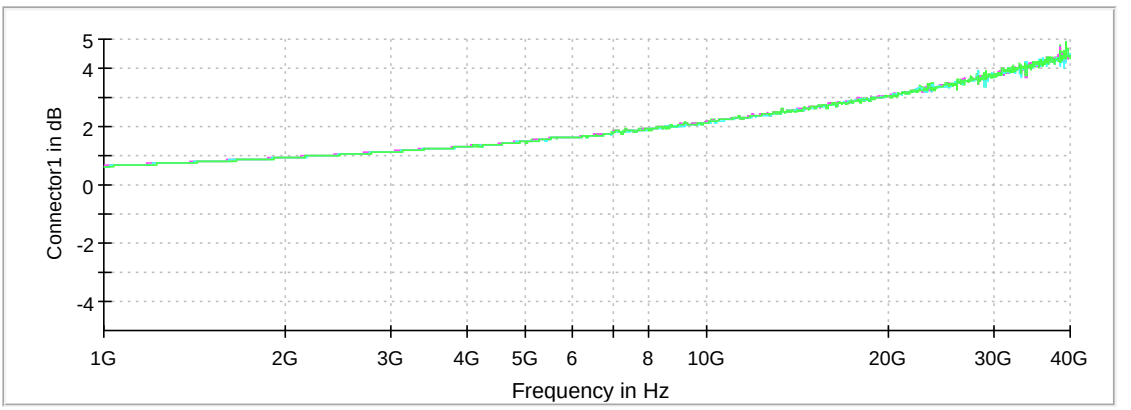
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2 Connector3 Connector4

Attenuation



Connector1 Connector2 Connector3 Connector4

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

Customized settings.

Result

DUT Frequency (MHz)	Result
6185.000000	PASS

Final measurements

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

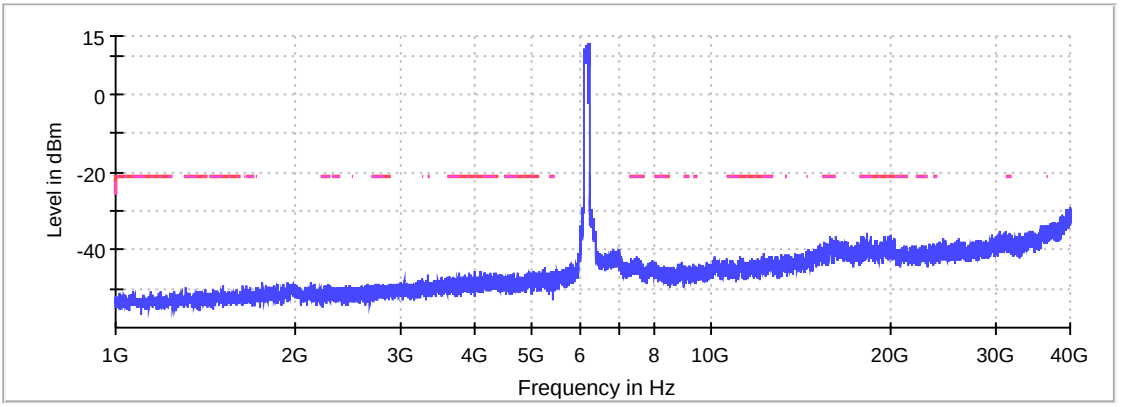
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36446.079810	-33.6	12.4	-21.2
36477.703822	-34.0	12.8	-21.2
36470.829037	-34.1	12.9	-21.2
36486.641042	-34.2	13.0	-21.2
36492.140871	-34.2	13.0	-21.2
36450.892160	-34.3	13.1	-21.2
36462.579294	-34.4	13.2	-21.2
36459.829380	-34.5	13.3	-21.2
36497.640699	-34.7	13.5	-21.2
36481.828693	-34.7	13.5	-21.2
36493.515828	-34.8	13.6	-21.2
36441.267460	-34.8	13.6	-21.2
36495.578263	-34.8	13.6	-21.2
36476.328865	-34.9	13.7	-21.2
36494.203306	-34.9	13.7	-21.2

Measurement Settings

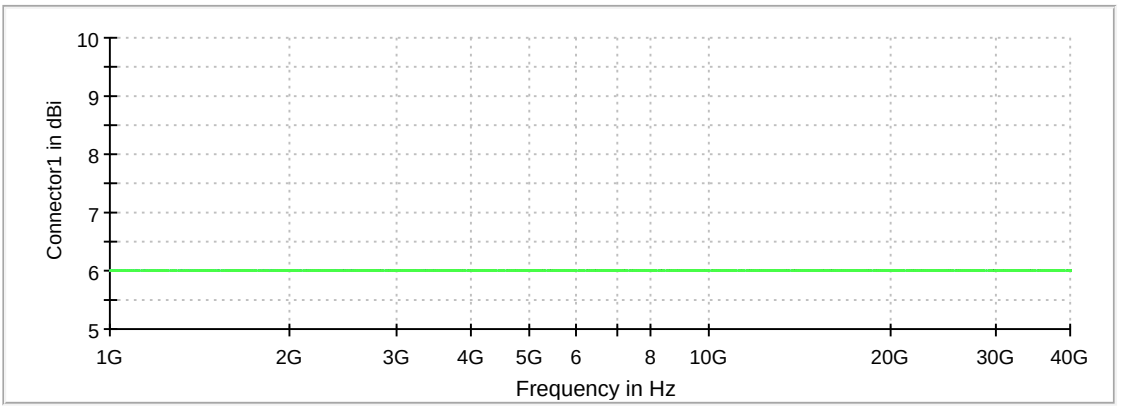
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

Restricted Band



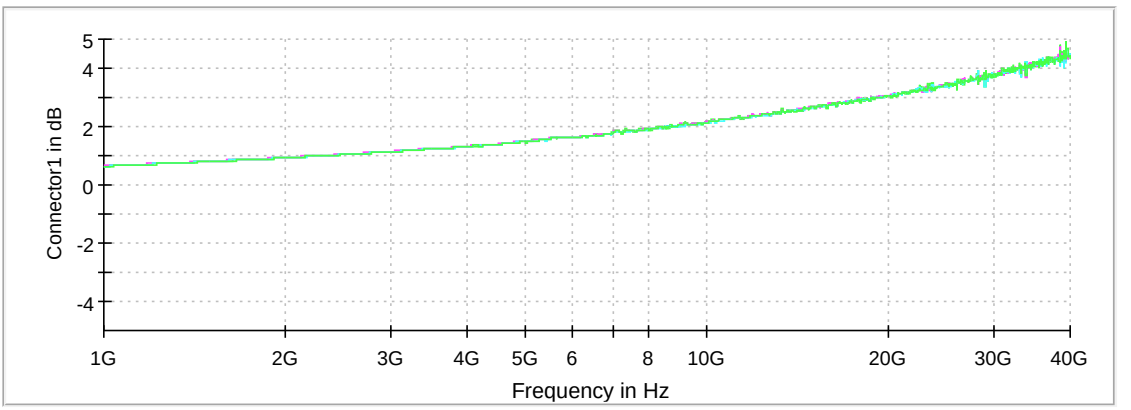
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2 Connector3 Connector4

Attenuation



Connector1 Connector2 Connector3 Connector4

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

Customized settings.

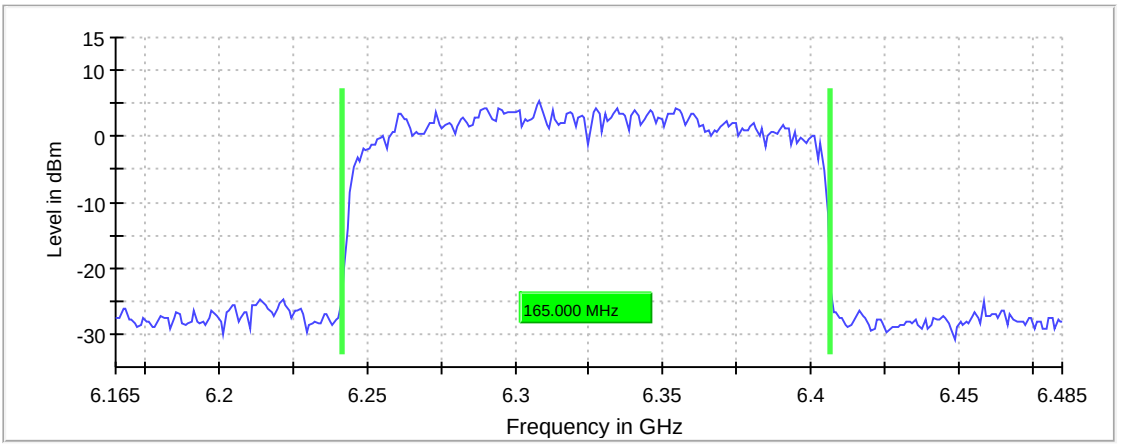
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Limit Min BE L (MHz)
6325.000000	165.000000	---	320.000000	6241.500000	---

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Band Edge Right (MHz)	Limit Max BE R (MHz)	Max Level (dBm)	Result
6325.000000	6406.500000	---	5.3	PASS

26 dB Bandwidth



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 2 MHz
Att 30 dB
SWT 32.8 µs
VBW 10 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.325 GHz
320 pts
Span 320.0 MHz
Date: 7.MAY.2021 16:39:18

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

Customized settings.

Result

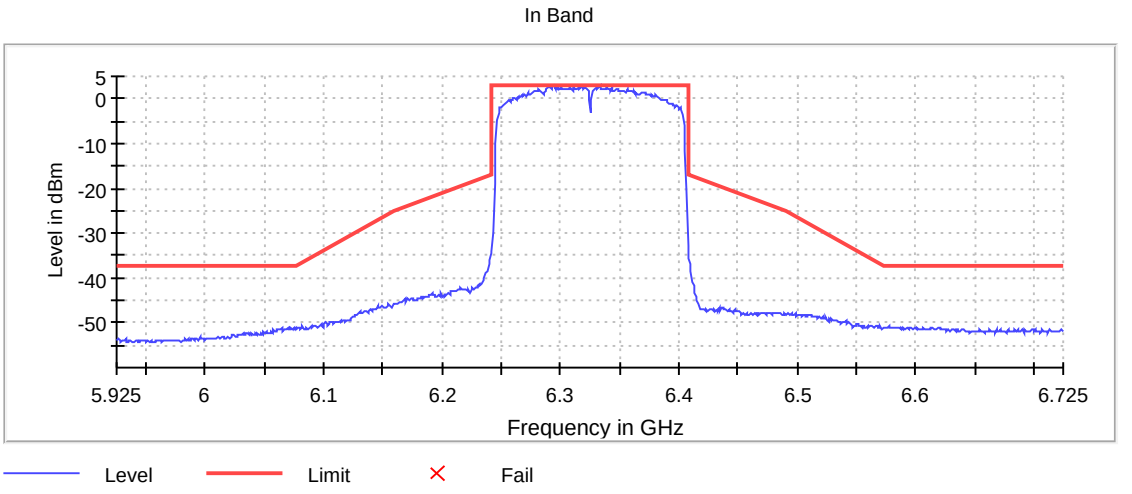
DUT Frequency (MHz)	Result
6325.000000	PASS

Inband Peak

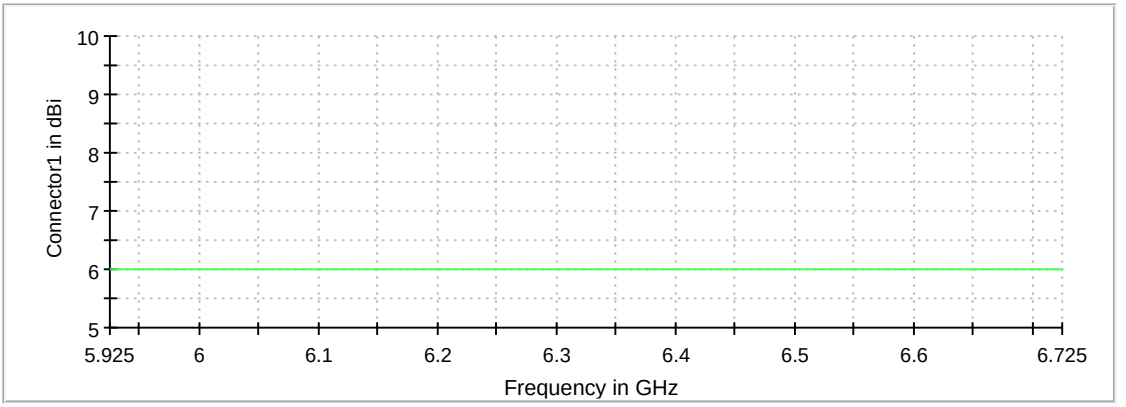
Frequency (MHz)	Level (dBm)
6333.500000	2.9

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6294.500000	2.8	0.1	2.9	PASS
6330.500000	2.7	0.2	2.9	PASS
6308.500000	2.6	0.3	2.9	PASS
6311.500000	2.6	0.3	2.9	PASS
6320.500000	2.6	0.3	2.9	PASS
6339.500000	2.6	0.3	2.9	PASS
6290.500000	2.6	0.3	2.9	PASS
6289.500000	2.5	0.4	2.9	PASS
6300.500000	2.5	0.4	2.9	PASS
6318.500000	2.5	0.4	2.9	PASS
6296.500000	2.5	0.4	2.9	PASS
6332.500000	2.4	0.5	2.9	PASS
6317.500000	2.4	0.5	2.9	PASS
6321.500000	2.4	0.5	2.9	PASS
6298.500000	2.4	0.5	2.9	PASS

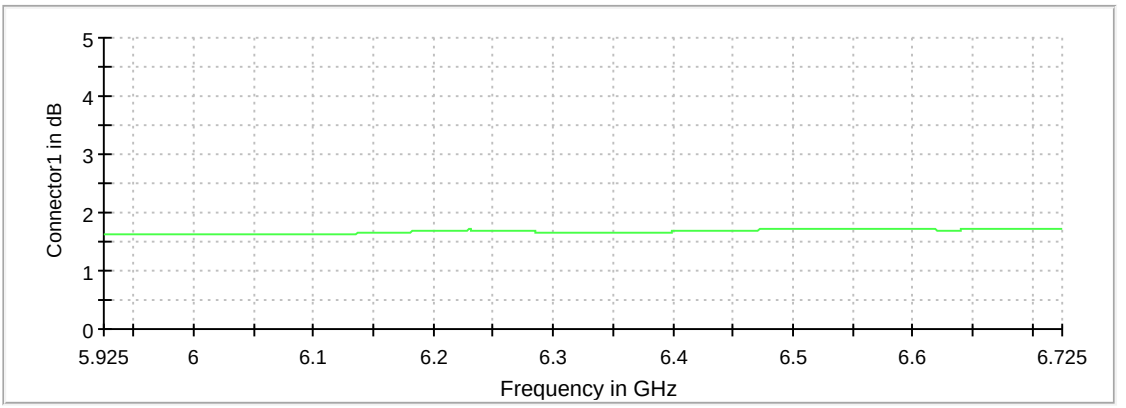


Gain



Connector1

Attenuation



Connector1

In Band Connector 1_0


Spectrum
Ref Level 0.00 dBm
RBW 2 MHz
Att 20 dB
SWT 1 ms
VBW 5 MHz
Mode Sweep
SGL Count 100/100
1Rm AvgPwr
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
-90 dBm
CF 6.325 GHz
800 pts
Span 800.0 MHz
Date: 7.MAY.2021 16:41:34

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

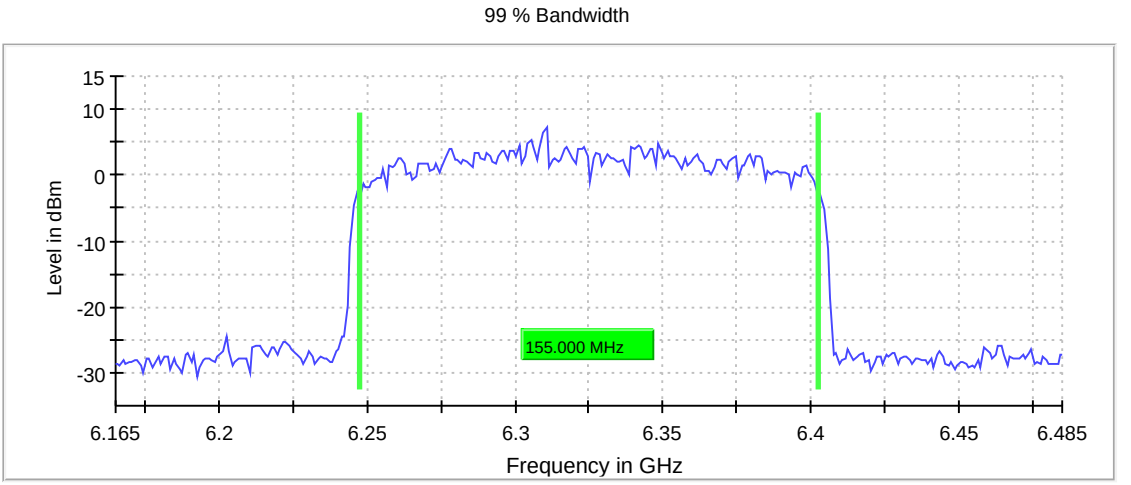
Customized settings.

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

(continuation of the "99 % Bandwidth" table from column 6 ...)

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



Bandwidth


Spectrum
Ref Level 10.00 dBm
RBW 2 MHz
Att 30 dB
SWT 32.8 µs
VBW 10 MHz
Mode Auto FFT
SGL Count 200/200
1Pk Max
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
CF 6.325 GHz
320 pts
Span 320.0 MHz
Date: 7.MAY.2021 16:41:54

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

Customized settings.

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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

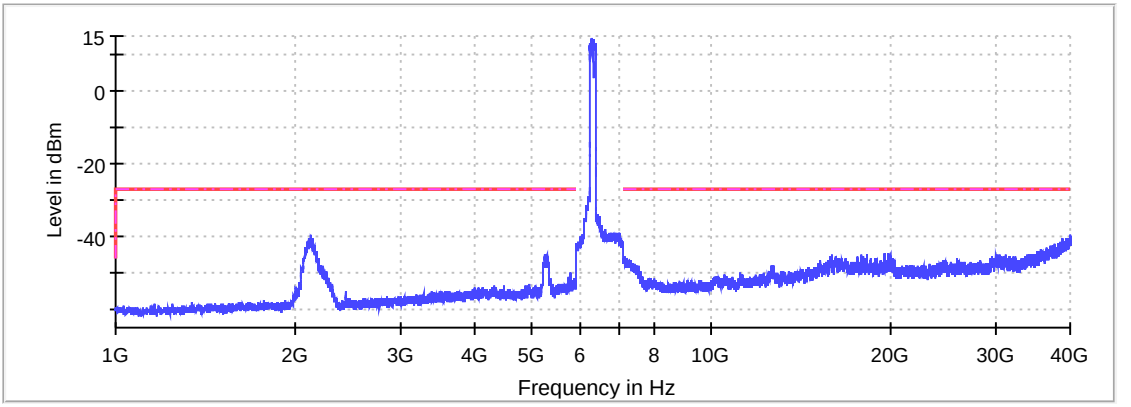
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2121.250000	-39.7	12.7	-27.0
39873.750000	-39.7	12.7	-27.0
39898.750000	-39.7	12.7	-27.0
39882.250000	-39.8	12.8	-27.0
39911.250000	-39.8	12.8	-27.0
39898.250000	-39.8	12.8	-27.0
39932.250000	-39.9	12.9	-27.0
39852.750000	-39.9	12.9	-27.0
39897.250000	-39.9	12.9	-27.0
39909.750000	-40.0	13.0	-27.0
39972.250000	-40.1	13.1	-27.0
39854.750000	-40.1	13.1	-27.0
39893.750000	-40.1	13.1	-27.0
39914.250000	-40.1	13.1	-27.0
39875.750000	-40.1	13.1	-27.0

Measurement Settings

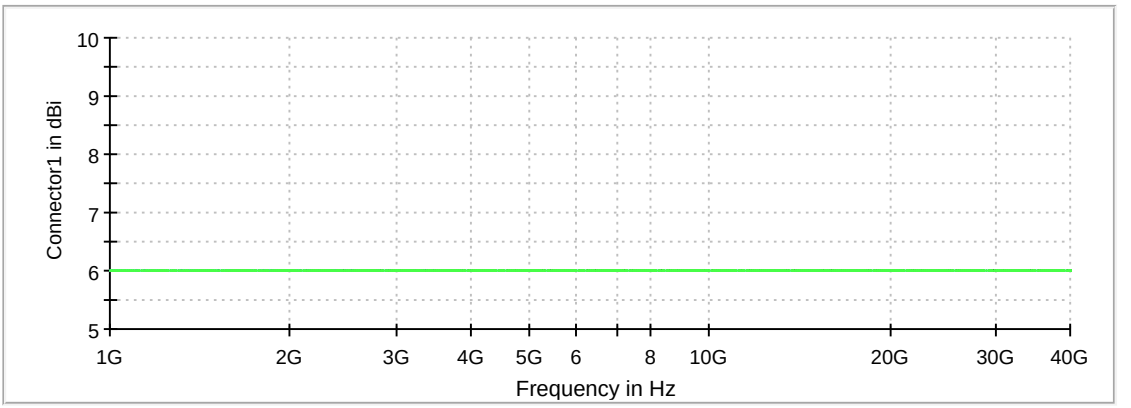
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	2	2
5925.000000	7125.000000	2	2
7125.000000	18000.000000	2	2
18000.000000	26000.000000	2	2
26000.000000	40000.000000	2	2

Spurious



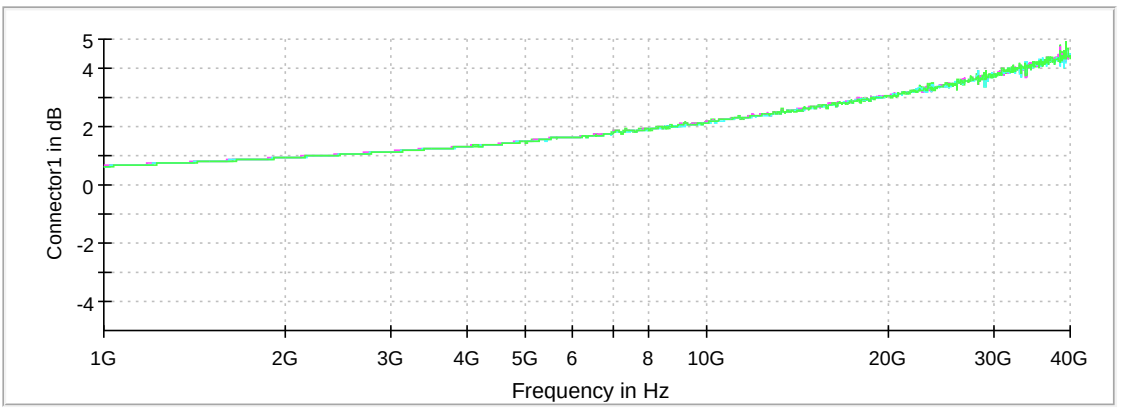
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2 Connector3 Connector4

Attenuation



Connector1 Connector2 Connector3 Connector4

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

Customized settings.

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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

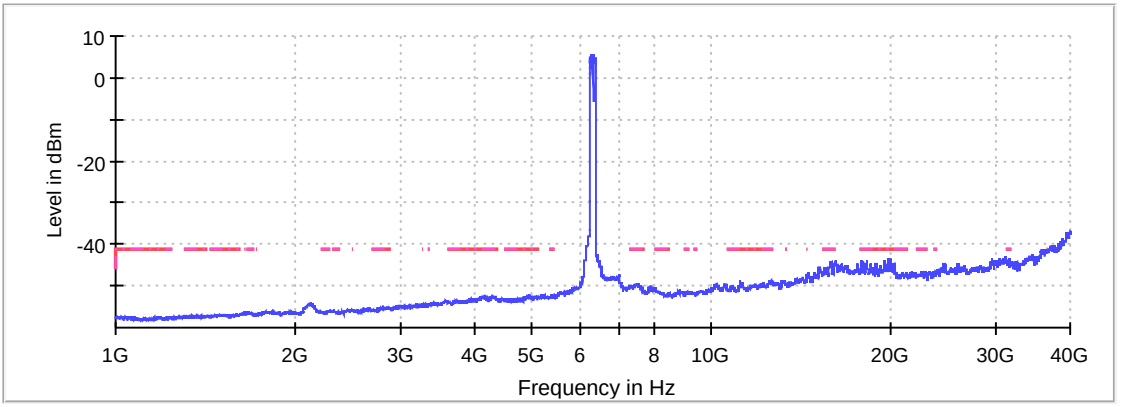
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36466.016687	-41.2	0.0	-41.2
36452.954595	-41.3	0.1	-41.2
36479.766257	-41.3	0.1	-41.2
36463.954251	-41.3	0.1	-41.2
36499.015656	-41.3	0.1	-41.2
36455.704509	-41.3	0.1	-41.2
36467.391644	-41.3	0.1	-41.2
36483.891128	-41.3	0.1	-41.2
36463.266773	-41.3	0.1	-41.2
36484.578607	-41.3	0.1	-41.2
36486.641042	-41.3	0.1	-41.2
36481.141214	-41.3	0.1	-41.2
36457.079466	-41.3	0.1	-41.2
36464.641730	-41.3	0.1	-41.2
36488.016000	-41.3	0.1	-41.2

Measurement Settings

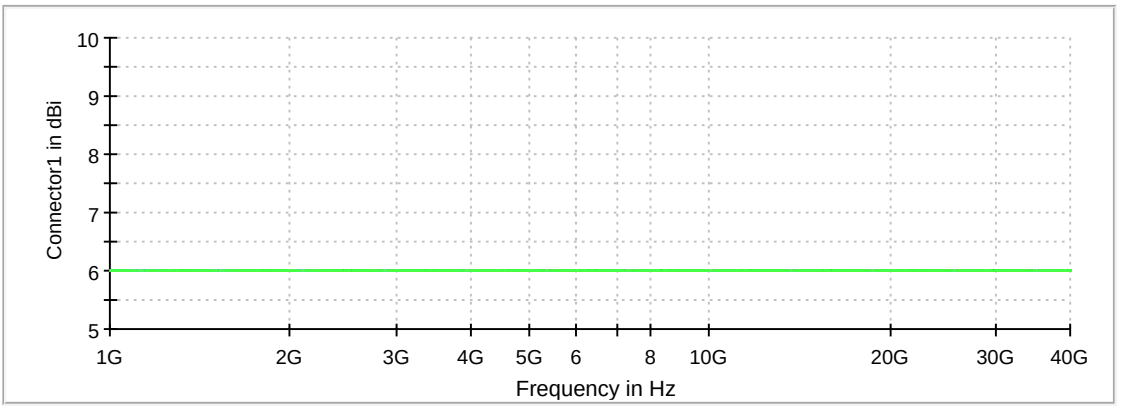
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	1

Restricted Band



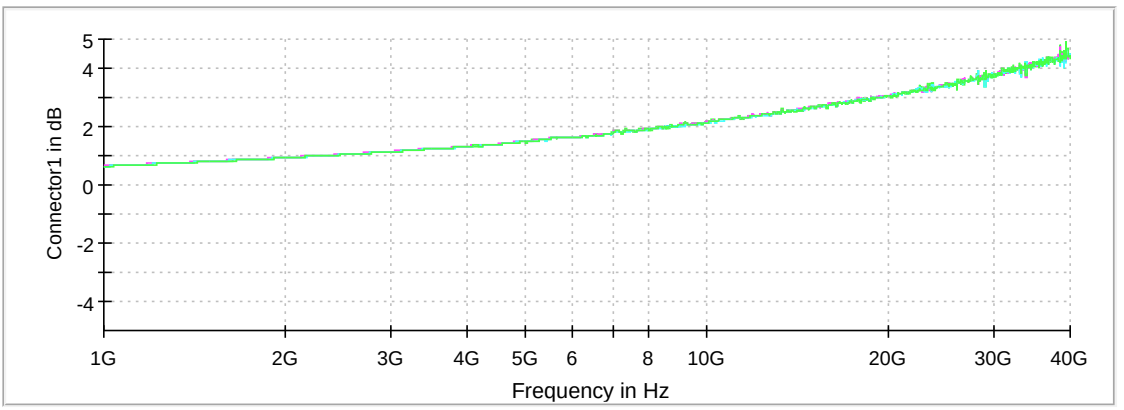
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2 Connector3 Connector4

Attenuation



Connector1 Connector2 Connector3 Connector4

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

Customized settings.

Result

DUT Frequency (MHz)	Result
6325.000000	PASS

Final measurements

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

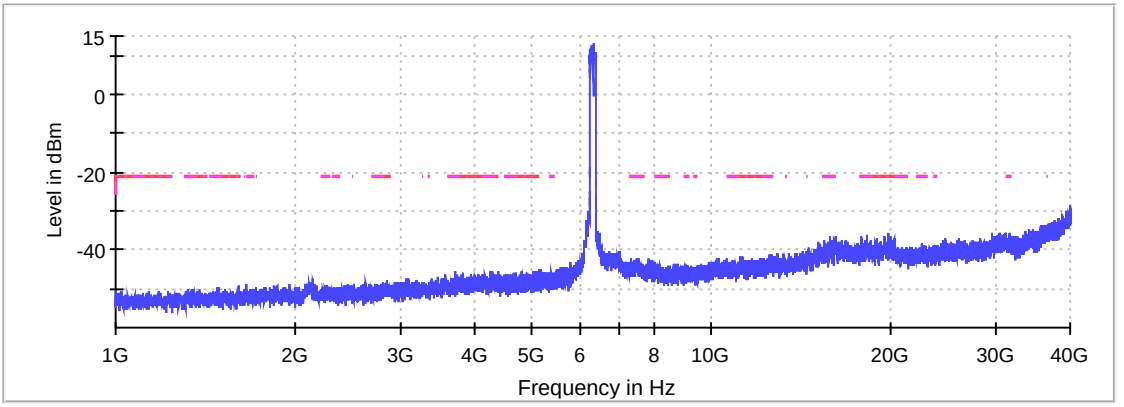
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36441.954939	-33.6	12.4	-21.2
36494.203306	-33.8	12.6	-21.2
36454.329552	-33.9	12.7	-21.2
36477.703822	-34.0	12.8	-21.2
36472.203994	-34.2	13.0	-21.2
36432.330240	-34.3	13.1	-21.2
36497.640699	-34.4	13.2	-21.2
36465.329208	-34.5	13.3	-21.2
36470.141558	-34.5	13.3	-21.2
36457.079466	-34.5	13.3	-21.2
36457.766945	-34.6	13.4	-21.2
36478.391300	-34.7	13.5	-21.2
36430.955283	-34.7	13.5	-21.2
36470.829037	-34.8	13.6	-21.2
36463.266773	-34.8	13.6	-21.2

Measurement Settings

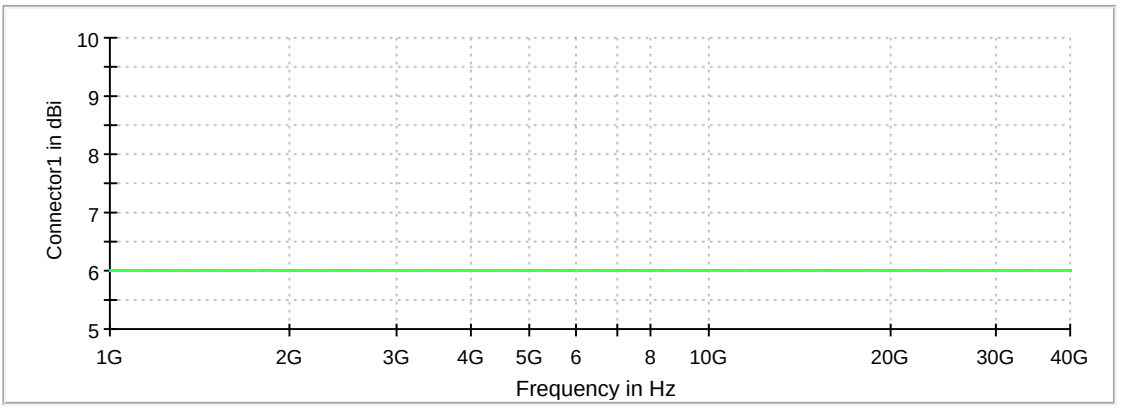
Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
1000.000000	5925.000000	1	1
5925.000000	7125.000000	1	1
7125.000000	18000.000000	1	1
18000.000000	40000.000000	1	2

Restricted Band



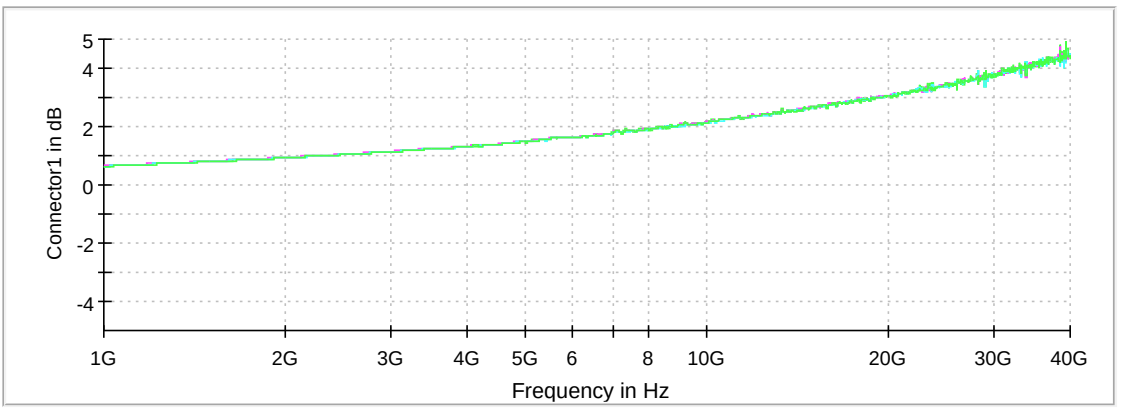
Limit Threshold Critical Final Critical Sum Level

Gain



Connector1 Connector2 Connector3 Connector4

Attenuation



Connector1 Connector2 Connector3 Connector4

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Power Spectral Density (SA-2)	**6115.000**	**24.0**	**20.000000**	**PASS**

Power Spectral Density (SA-2) (6115 MHz; 24.000 dBm; 20 MHz)

Customized settings.

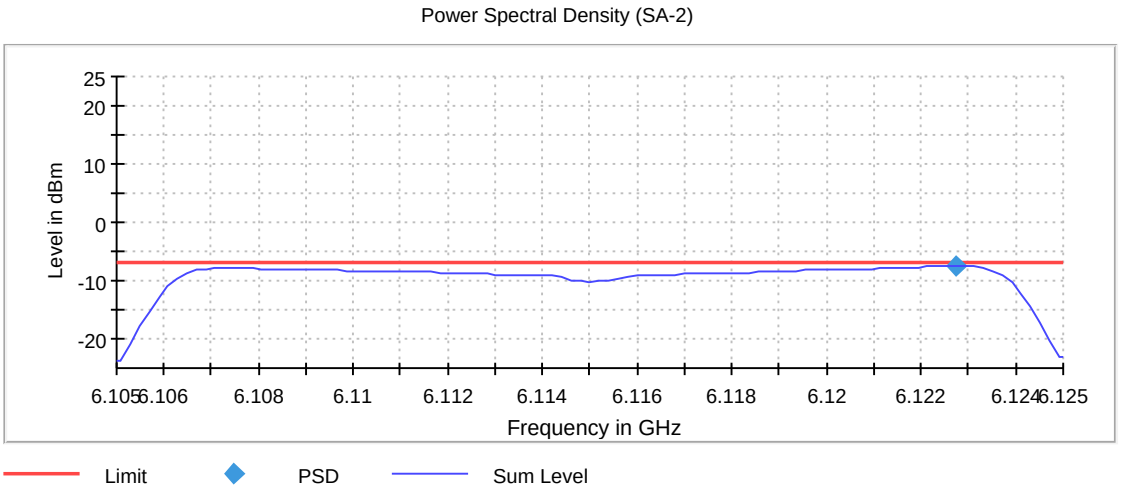
Max level of analyzer (-7.5 dBm) more than 28.0 dB below the nominal power level.

Result

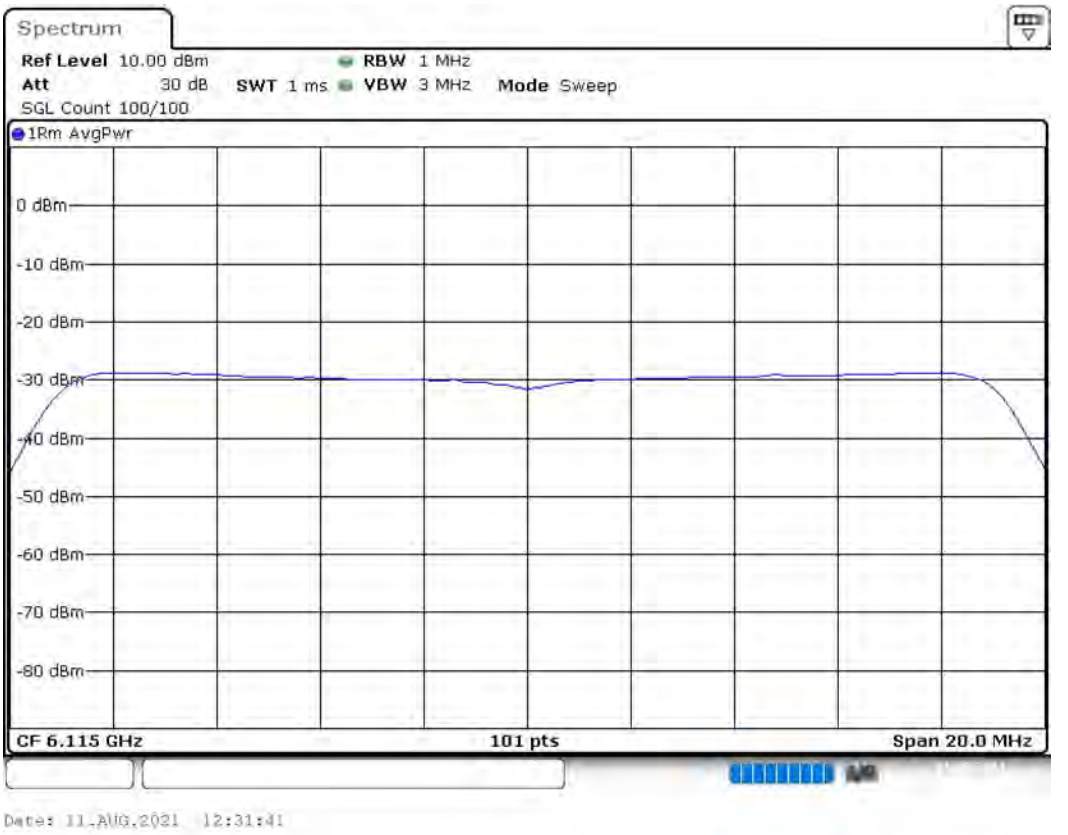
DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
6115.000000	6122.722772	-7.542	-7.0	PASS

Ports

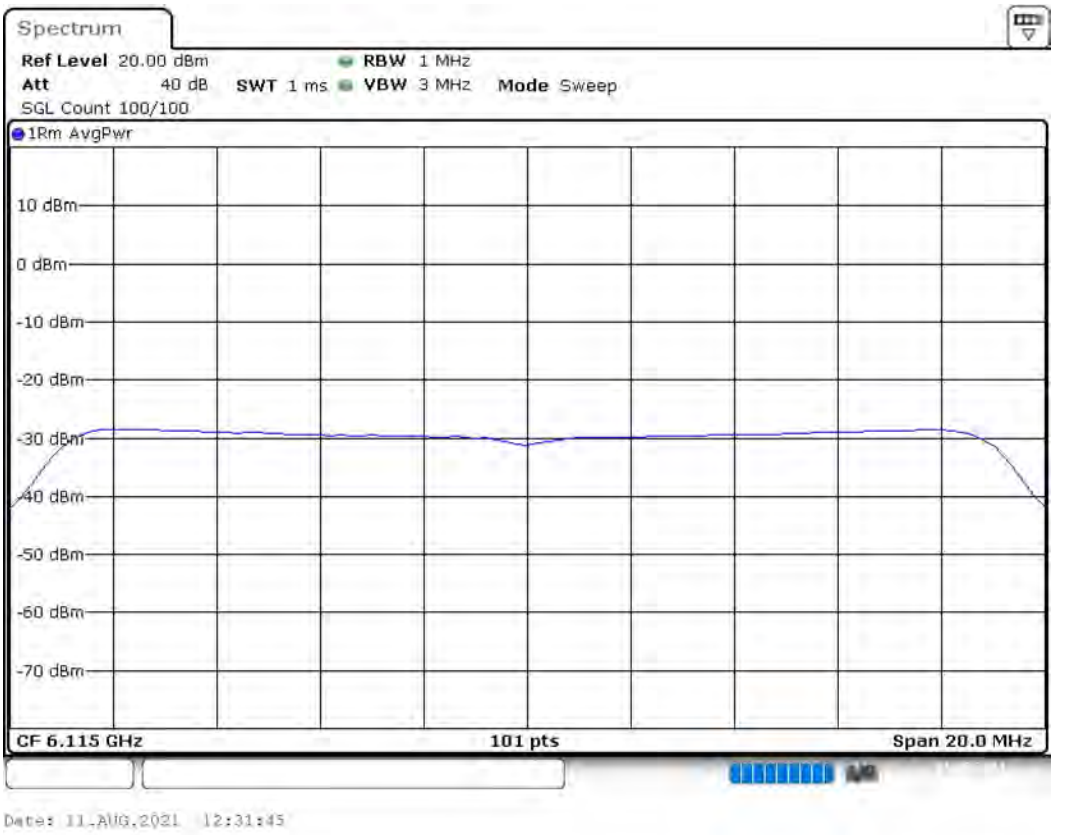
Port	State
1	used
2	used
3	used
4	used



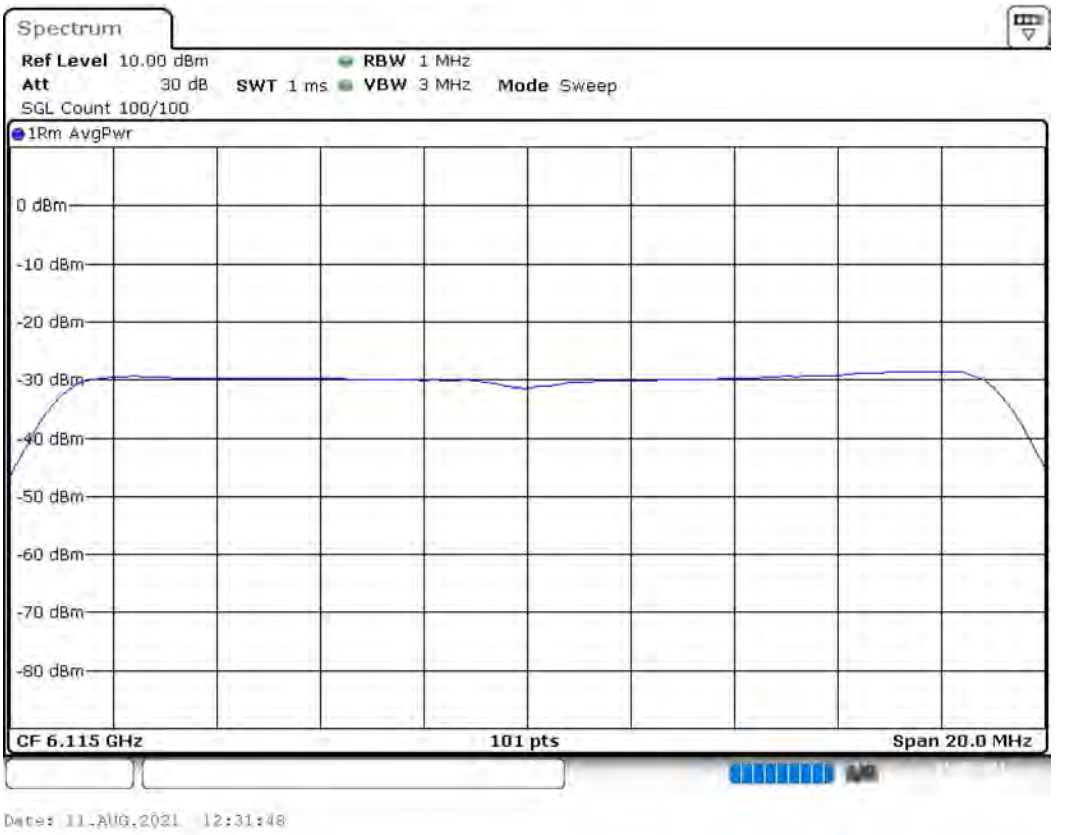
PSD Connector 1



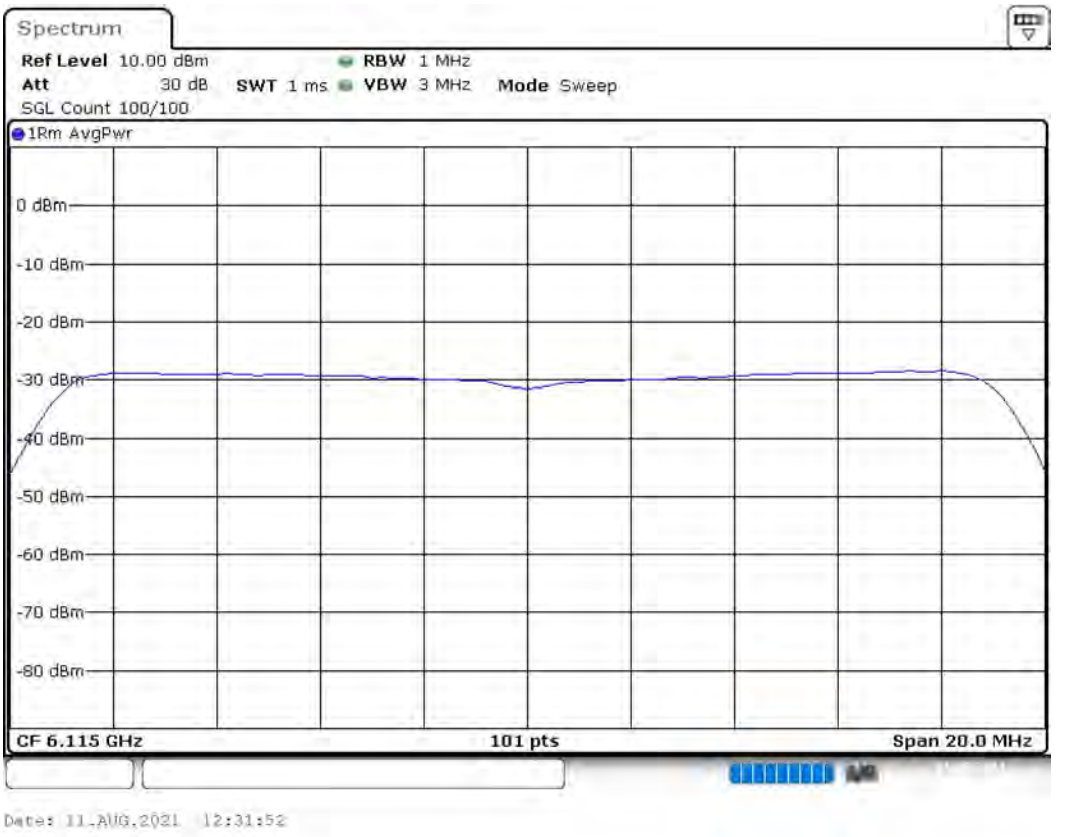
PSD Connector 2



PSD Connector 3



PSD Connector 4



Measurement

Setting	Instrument Value	Target Value
Start Frequency	6.10500 GHz	6.10500 GHz
Stop Frequency	6.12500 GHz	6.12500 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	Sweep	Sweep
Preamp	off	off

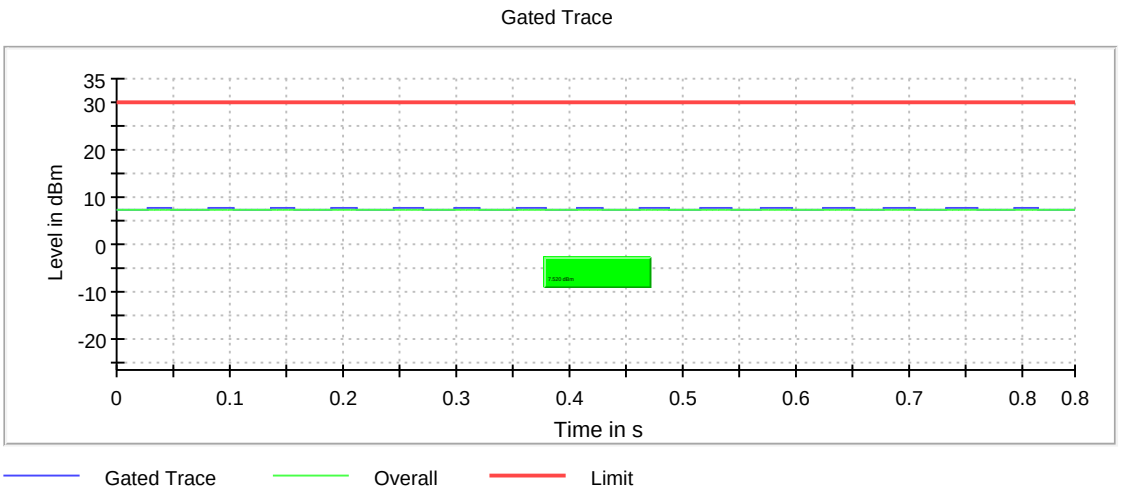
Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
RF output power	6115.000	24.0	20.000000	PASS

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	7.5	30.0	7.5	85.586	PASS



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs