




427 West 12800 South  
Draper, UT 84020

## Test Report Attachment

<b>FCC ID</b>	SWX-WAVEPRO
<b>ISED ID</b>	6545A-WAVEPRO
<b>Equipment Under Test</b>	Wave-Pro
<b>Test Report Serial Number</b>	TR8076_01
<b>Date of Test(s)</b>	19-21 July 2022
<b>Report Issue Date</b>	4 May 2023

### Test Personnel

<b>Testing performed by</b>	
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### Test Location

Testing was performed at the Unified Compliance Laboratory located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2023. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until 30 June 2023. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



**NVLAP LAB CODE 600241-0**

# 1 Wave-Pro UNII-2

## 1.1 UNII-2A Summary

### Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5260.000	24.0	20.000000	PASS
RF output power	5260.000	24.0	20.000000	PASS
Power Spectral Density	5260.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5260.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5300.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5300.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5335.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5335.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5270.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5270.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5300.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5300.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5325.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5325.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5290.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5290.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5300.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5300.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5305.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5305.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5250.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	5250.000	24.0	160.000000	PASS

## Emission Bandwidth 26 dB (5260 MHz; 24.000 dBm; 20 MHz)

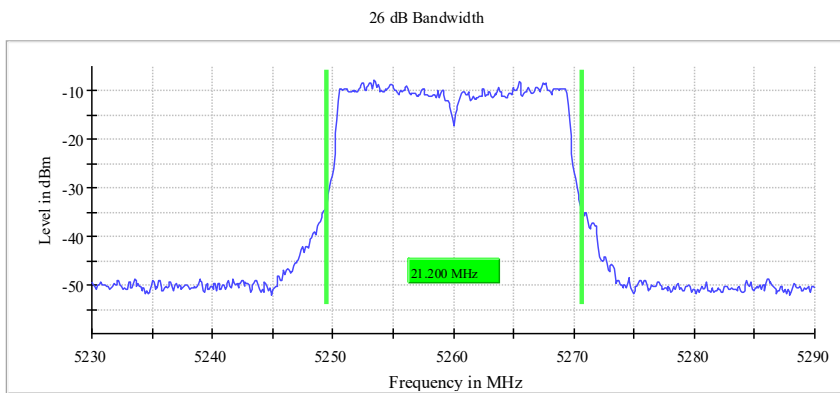
Customized settings.

### 26 dB Bandwidth

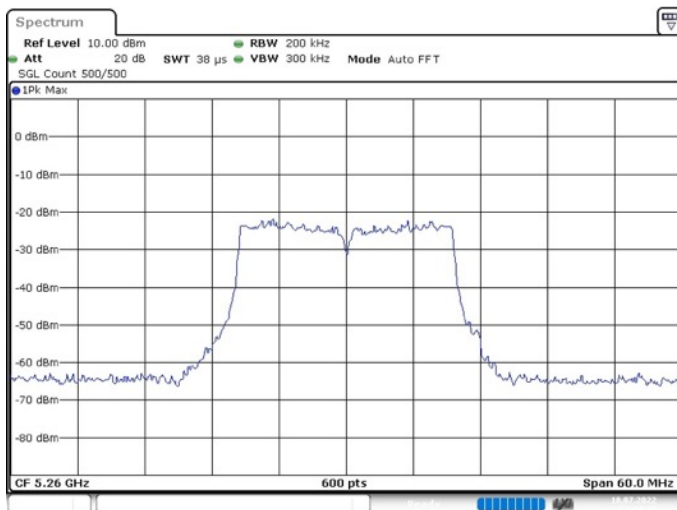
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5260.000000	21.200000	---	---	5249.450000	5270.650000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5260.000000	-7.7	PASS



### Bandwidth



Date: 18 JUL 2022 23:24:47

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.23000 GHz	5.23000 GHz
Stop Frequency	5.29000 GHz	5.29000 GHz
Span	60.000 MHz	60.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	300.000 kHz	>= 240.000 kHz
SweepPoints	600	~ 600
SweepTime	37.969 $\mu$ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

## RF output power (5260 MHz; 24.000 dBm; 20 MHz)

Customized settings.

## Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5260.000000	8.0	24.0	8.0	85.917	PASS

## OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 $\mu$ s	1.000 $\mu$ s

## Power Spectral Density (5260 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Max level of analyzer (-7.4 dBm) more than 28.0 dB below the nominal power level.

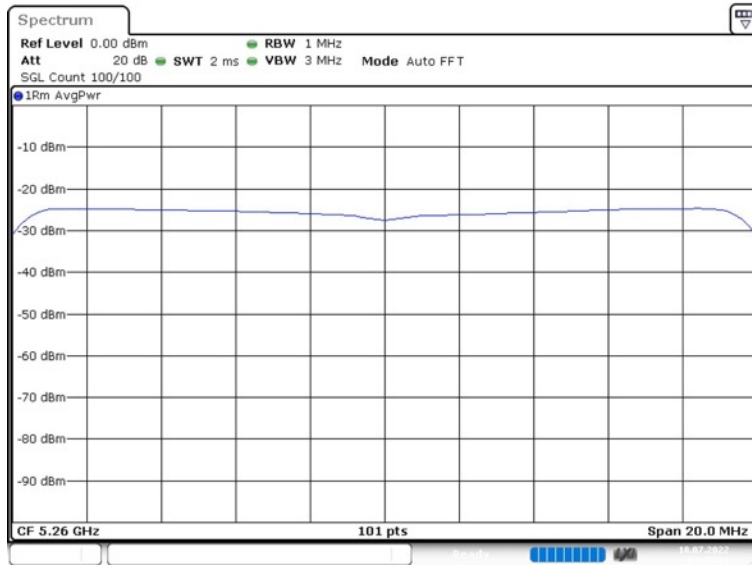
## Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5260.000000	5251.485149	-7.415	11.0	PASS

## Ports

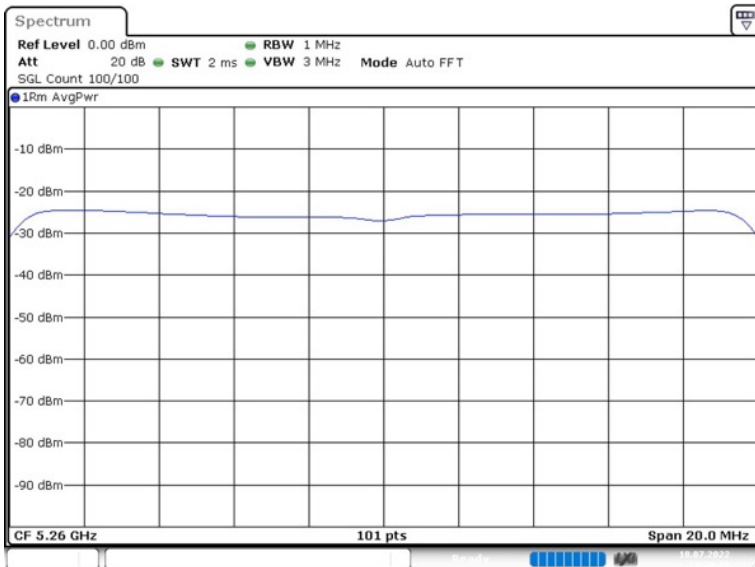
Port	State
1	used
2	used

### PSD Connector 1



Date: 18.JUL.2022 23:25:23

### PSD Connector 2



Date: 18.JUL.2022 23:25:28

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.25000 GHz	5.25000 GHz
Stop Frequency	5.27000 GHz	5.27000 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	2.020 ms	2.020 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

## Occupied Channel Bandwidth 99% (5260 MHz; 24.000 dBm; 20 MHz)

Customized settings.

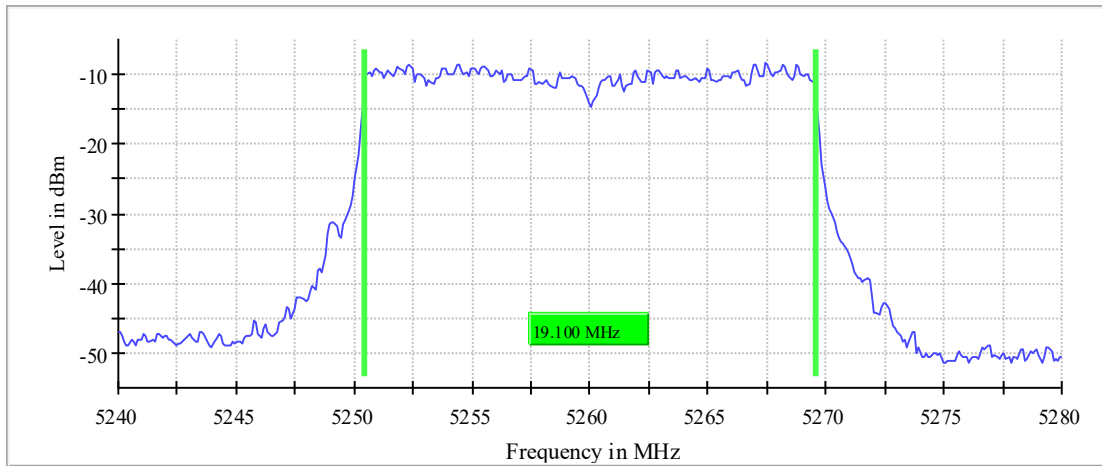
### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5260.000000	19.100000	---	---	5250.450000	5269.550000

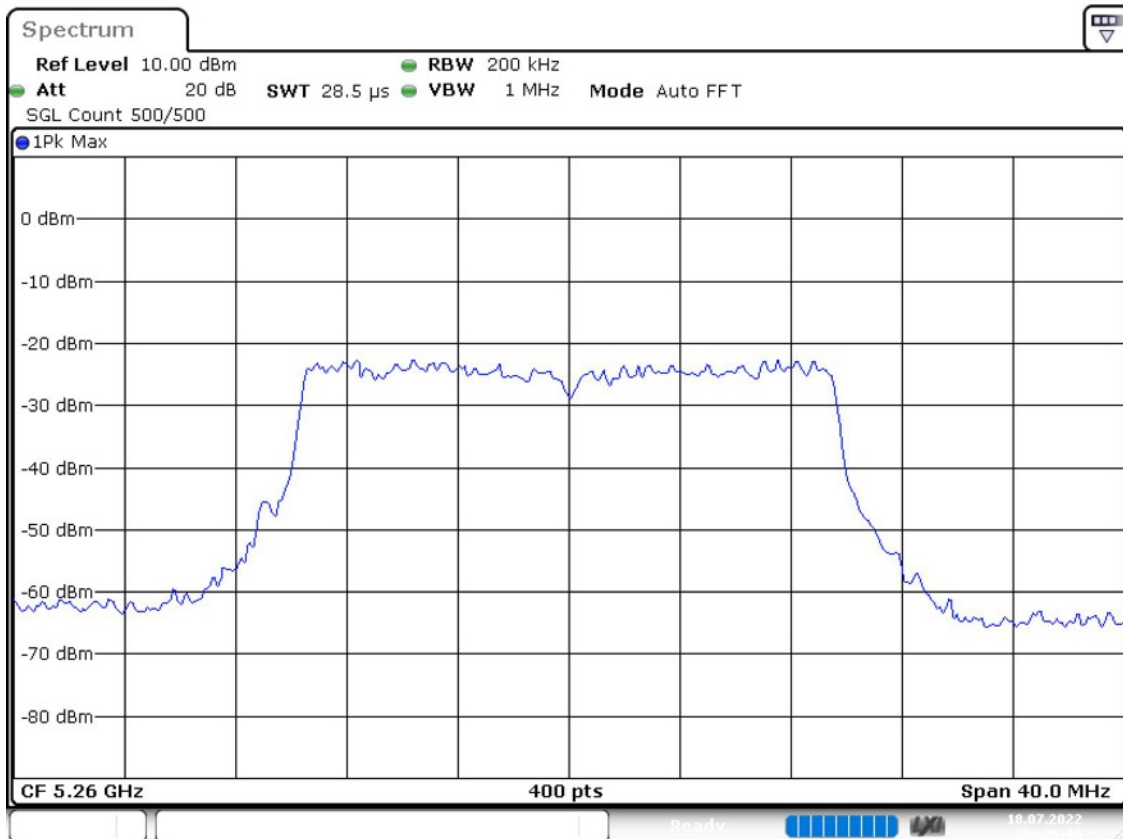
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
5260.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18.JUL.2022 23:25:39

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.24000 GHz	5.24000 GHz
Stop Frequency	5.28000 GHz	5.28000 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 $\mu$ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

## Emission Bandwidth 26 dB (5300 MHz; 24.000 dBm; 20 MHz)

Customized settings.

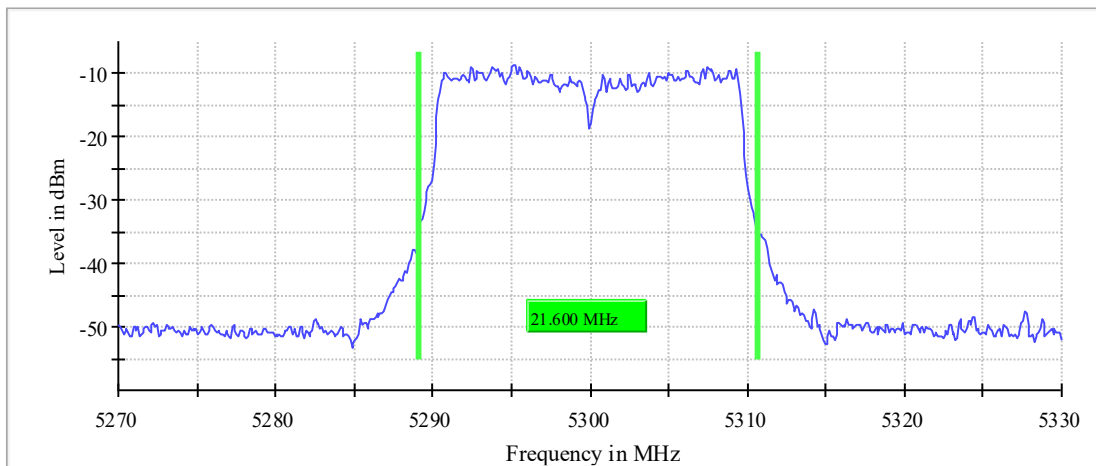
### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5300.000000	21.600000	---	---	5289.050000	5310.650000

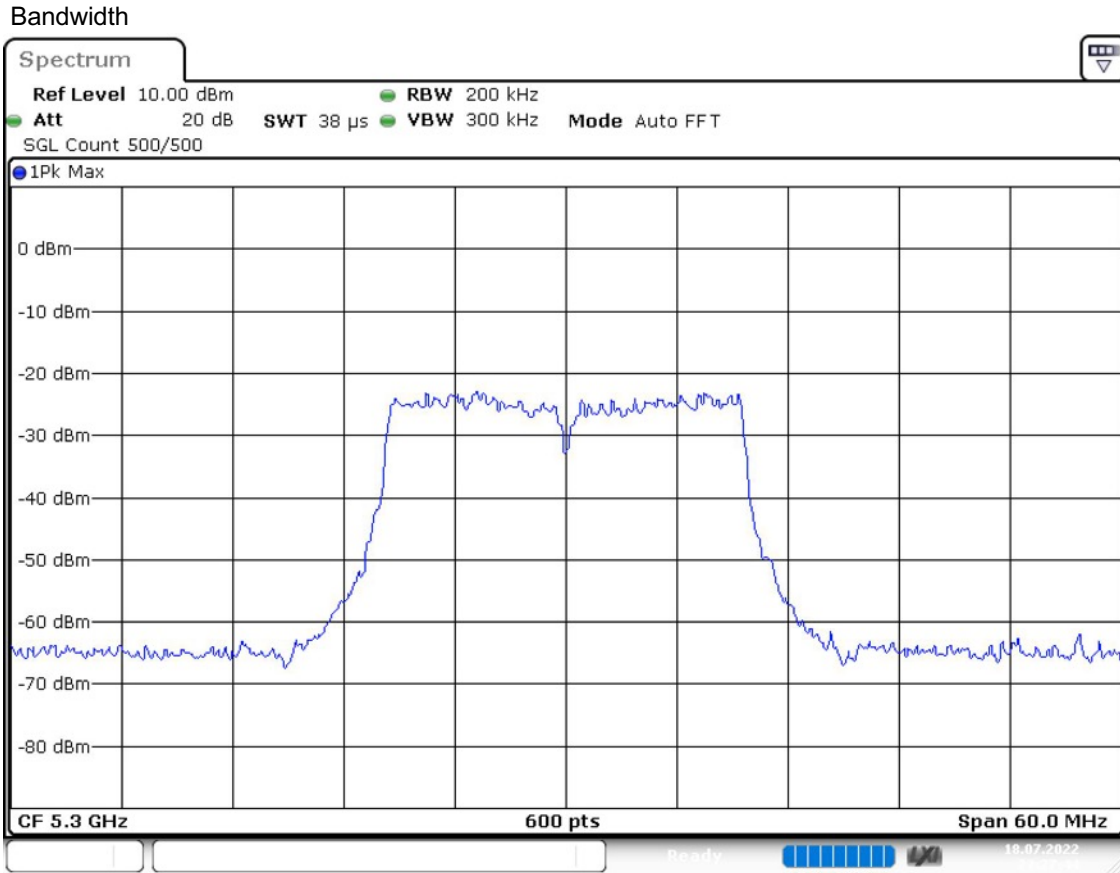
(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5300.000000	-8.7	PASS

26 dB Bandwidth







Date: 18.JUL.2022 23:27:44

**Occupied Channel Bandwidth 99% (5300 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

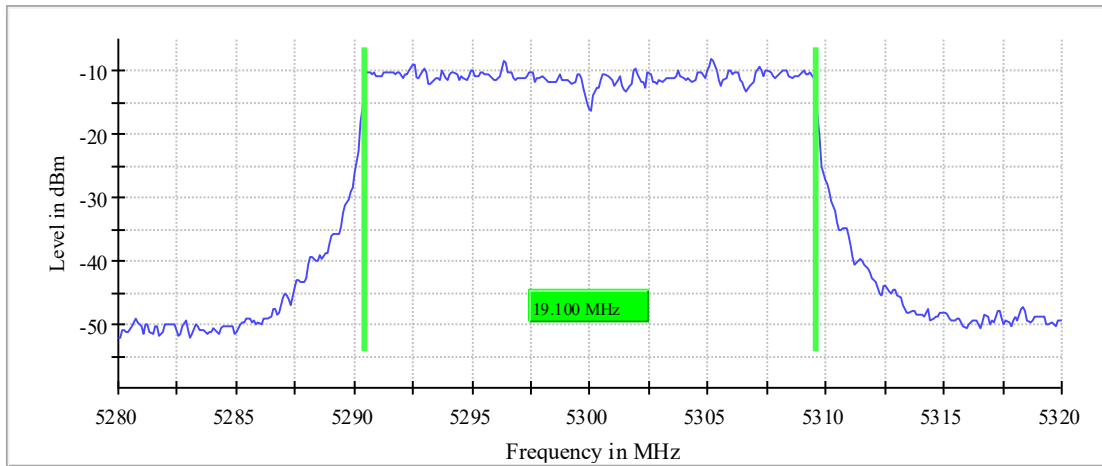
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5300.000000	19.100000	---	---	5290.450000	5309.550000

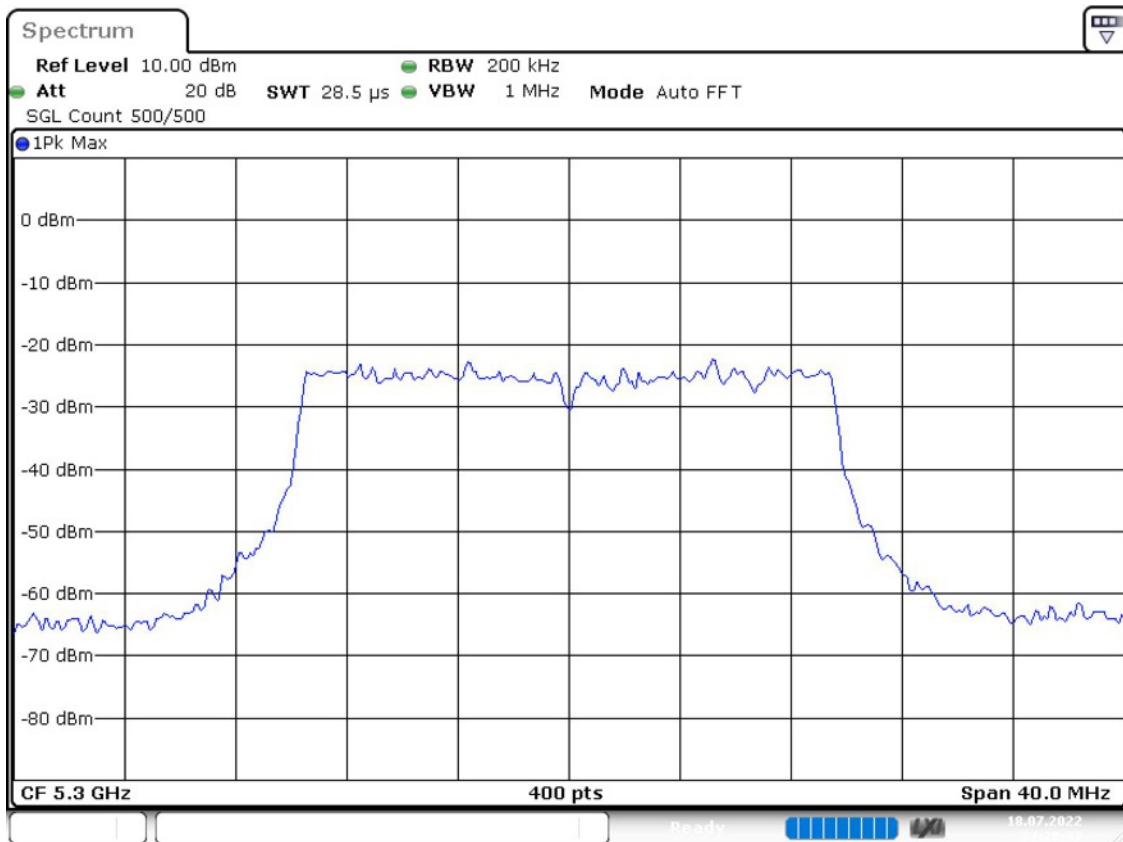
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
5300.000000	PASS

99 % Bandwidth



Bandwidth



Date: 18.JUL.2022 23:28:37

## Emission Bandwidth 26 dB (5335 MHz; 24.000 dBm; 20 MHz)

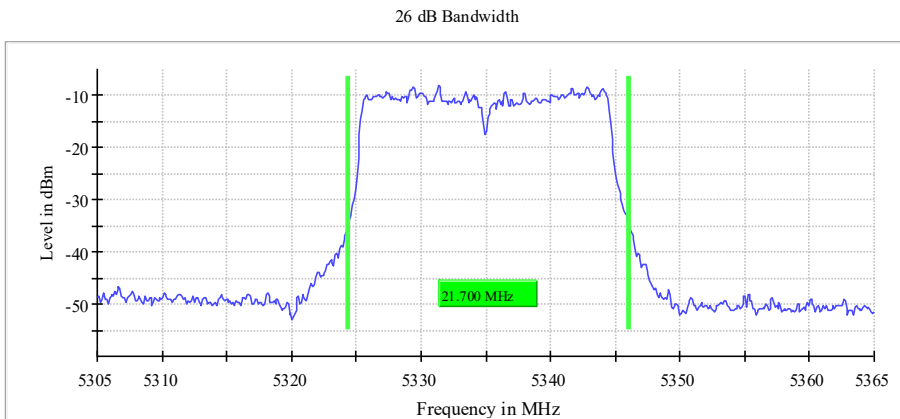
Customized settings.

### 26 dB Bandwidth

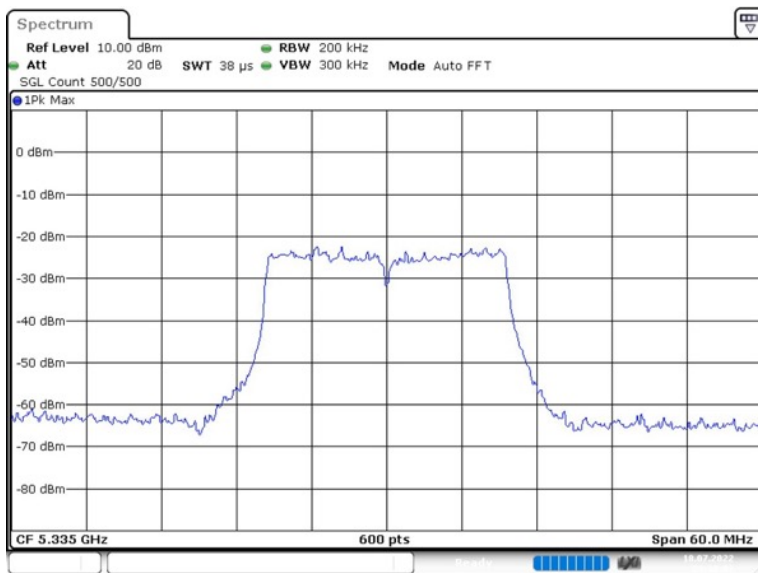
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5335.000000	21.700000	---	---	5324.350000	5346.050000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5335.000000	-8.2	PASS



### Bandwidth



Date: 18.JUL.2022 23:30:02

## Occupied Channel Bandwidth 99% (5335 MHz; 24.000 dBm; 20 MHz)

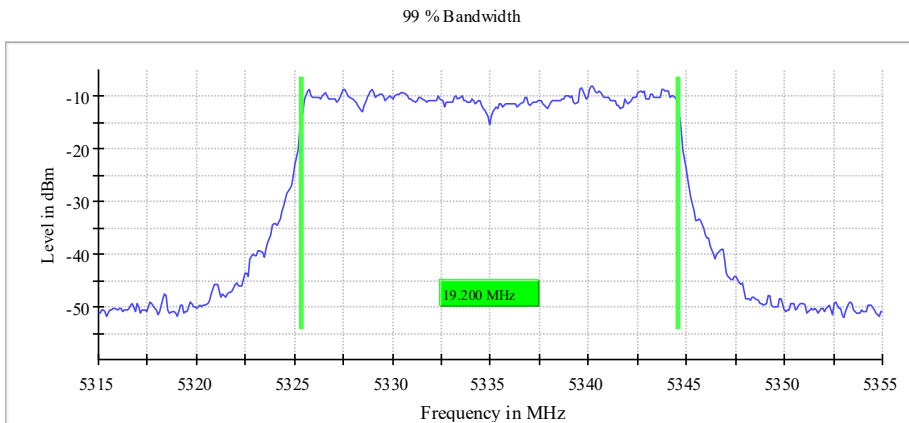
Customized settings.

### 99 % Bandwidth

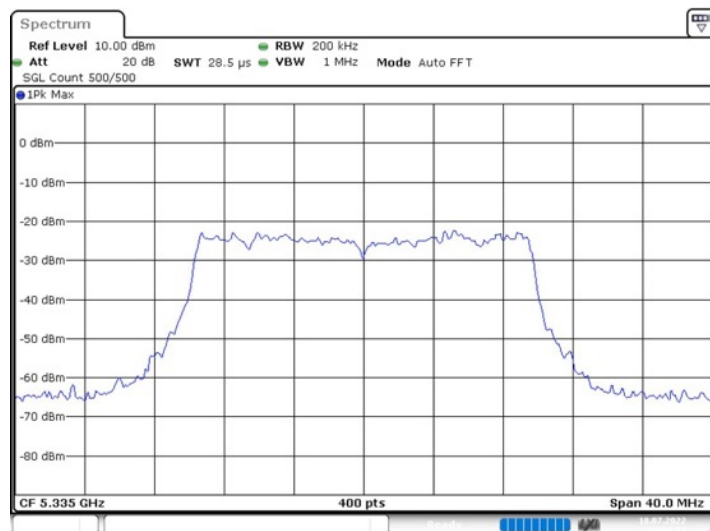
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5335.000000	19.200000	---	---	5325.350000	5344.550000

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

DUT Frequency (MHz)	Result
5335.000000	PASS



### Bandwidth



Date: 18 JUL 2022 23:34:51

## Emission Bandwidth 26 dB (5270 MHz; 24.000 dBm; 40 MHz)

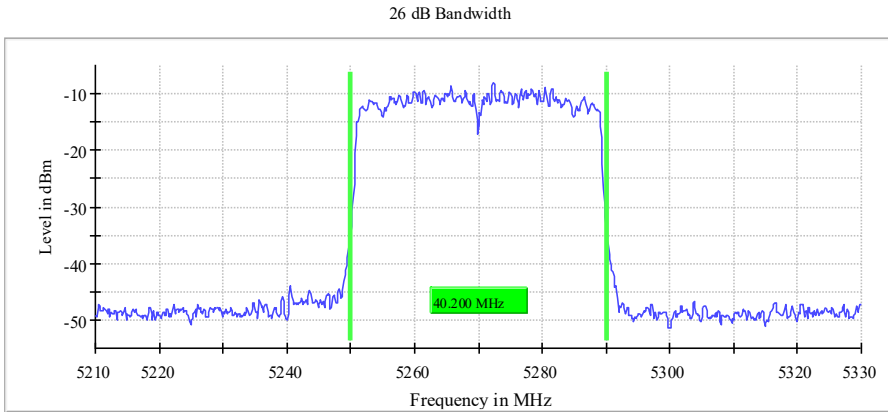
Customized settings.

### 26 dB Bandwidth

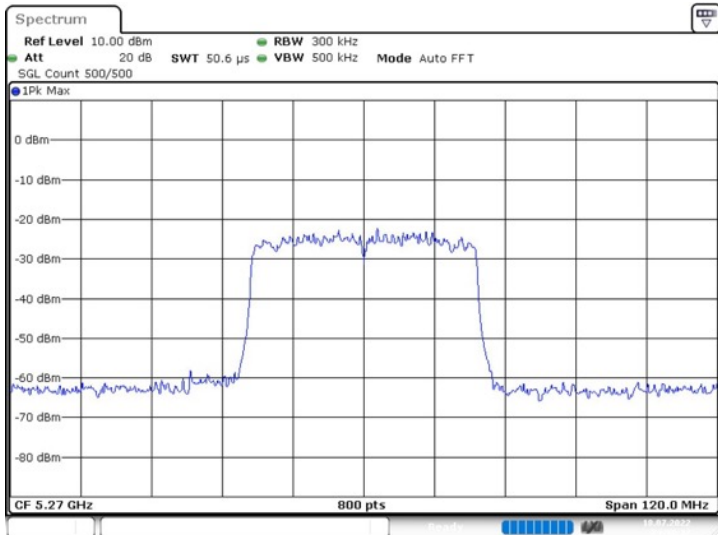
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5270.000000	40.200000	---	---	5249.975000	5290.175000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5270.000000	-8.1	PASS



### Bandwidth



## Occupied Channel Bandwidth 99% (5270 MHz; 24.000 dBm; 40 MHz)

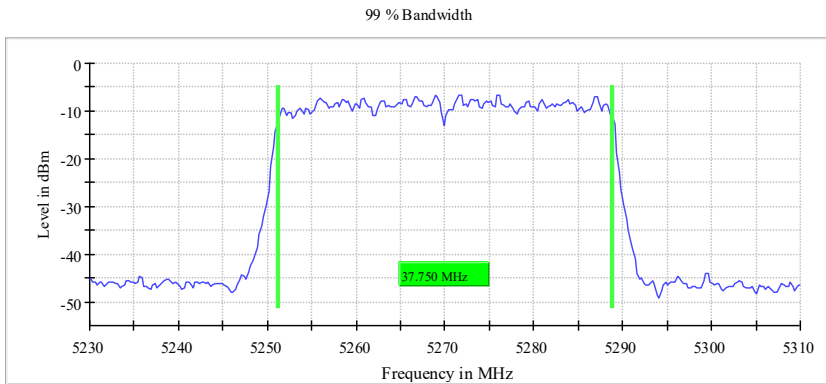
Customized settings.

### 99 % Bandwidth

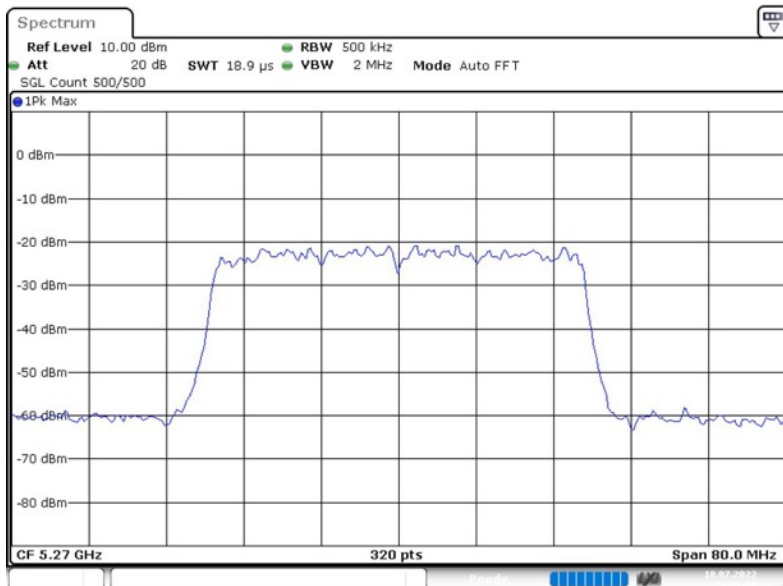
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5270.000000	37.750000	---	---	5251.125000	5288.875000

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

DUT Frequency (MHz)	Result
5270.000000	PASS



### Bandwidth



Date: 18.JUL.2022 23:37:09

## Emission Bandwidth 26 dB (5300 MHz; 24.000 dBm; 40 MHz)

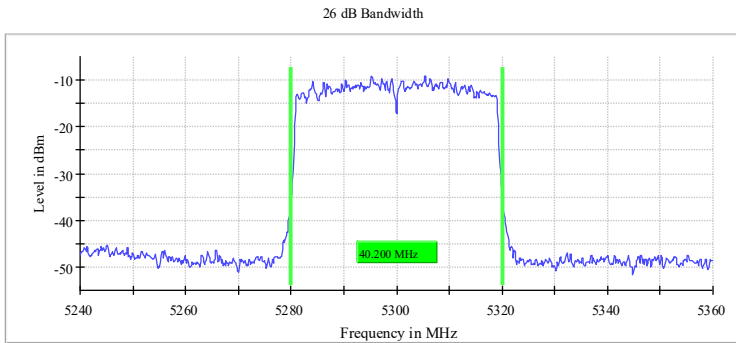
Customized settings.

### 26 dB Bandwidth

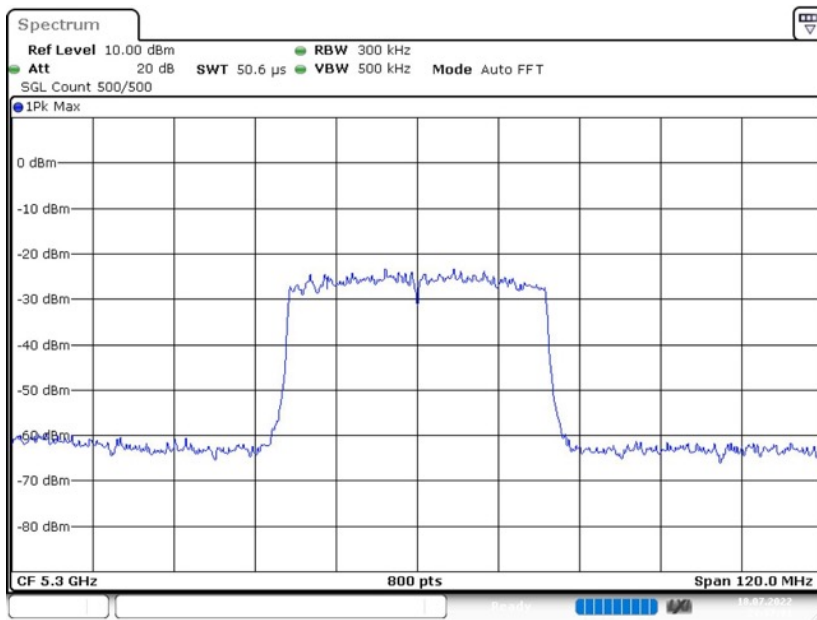
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5300.000000	40.200000	---	---	5279.975000	5320.175000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5300.000000	-9.1	PASS



### Bandwidth



Date: 18.JUL.2022 23:37:31

## Occupied Channel Bandwidth 99% (5300 MHz; 24.000 dBm; 40 MHz)

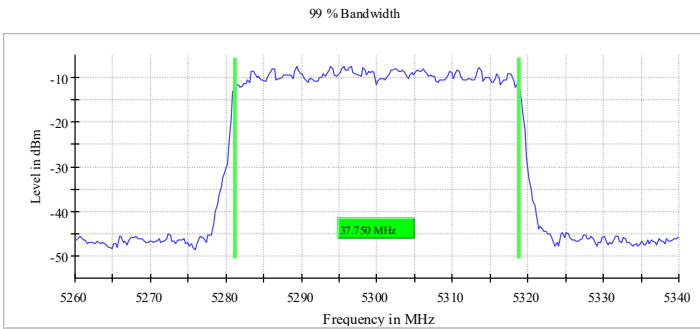
Customized settings.

### 99 % Bandwidth

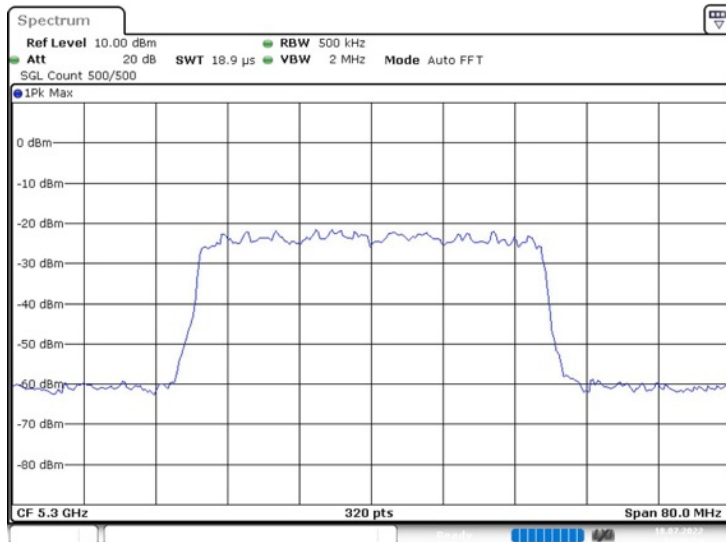
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5300.000000	37.750000	---	---	5281.125000	5318.875000

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

DUT Frequency (MHz)	Result
5300.000000	PASS



### Bandwidth



Date: 18.JUL.2022 23:38:24



## Emission Bandwidth 26 dB (5325 MHz; 24.000 dBm; 40 MHz)

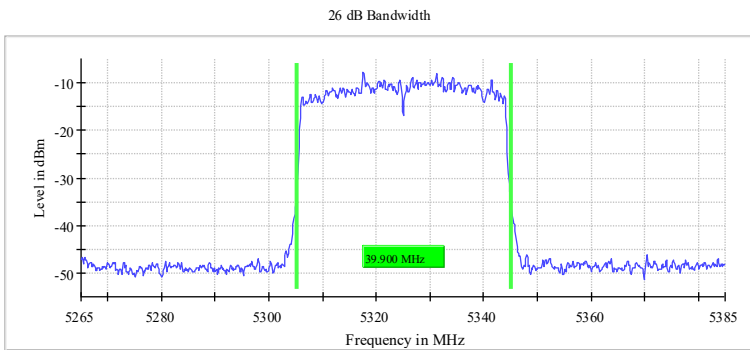
Customized settings.

### 26 dB Bandwidth

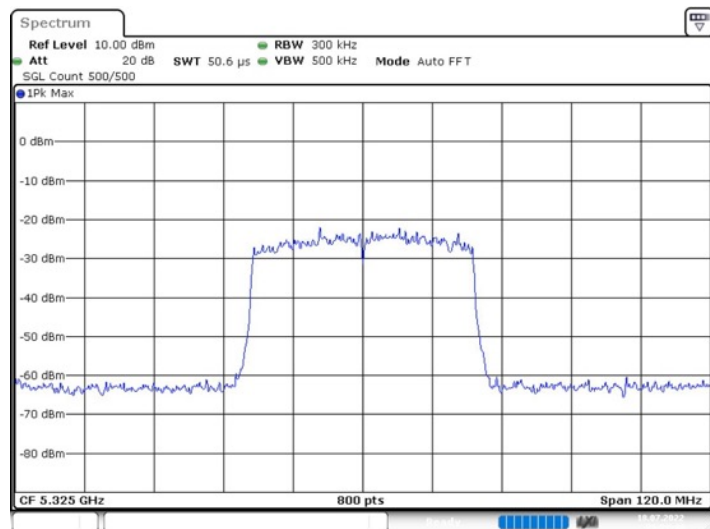
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5325.000000	39.900000	---	---	5305.125000	5345.025000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5325.000000	-7.7	PASS



### Bandwidth



Date: 18 JUL 2022 23:39:45

## Occupied Channel Bandwidth 99% (5325 MHz; 24.000 dBm; 40 MHz)

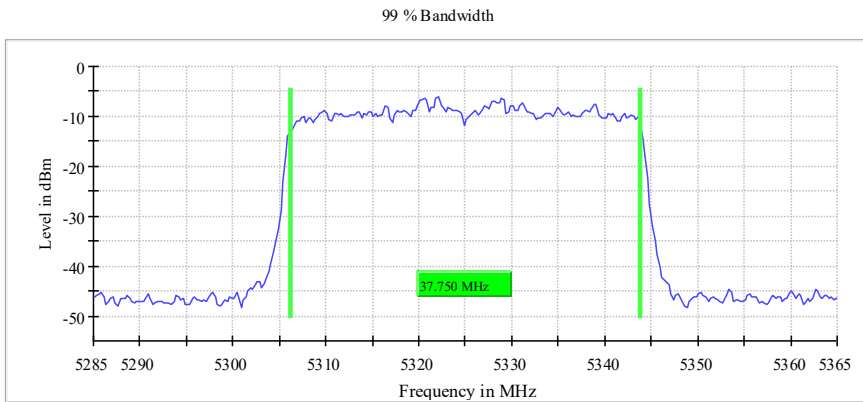
Customized settings.

### 99 % Bandwidth

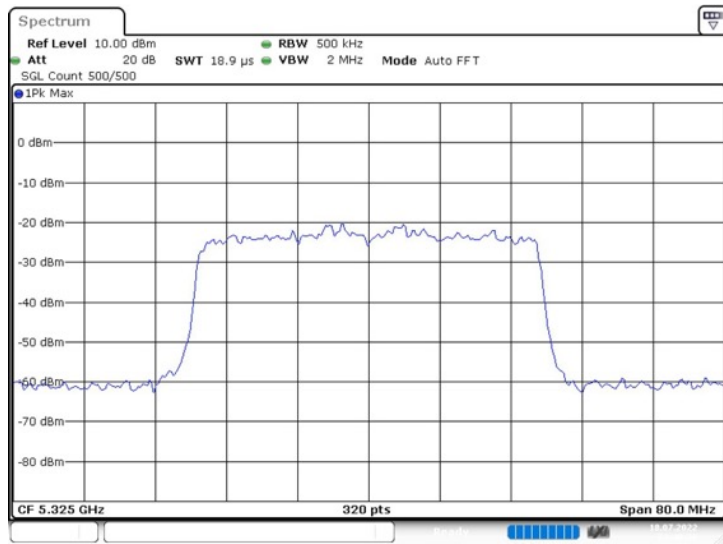
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5325.000000	37.750000	---	---	5306.125000	5343.875000

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

DUT Frequency (MHz)	Result
5325.000000	PASS



### Bandwidth



Date: 18 JUL 2022 23:40:37

## Emission Bandwidth 26 dB (5290 MHz; 24.000 dBm; 80 MHz)

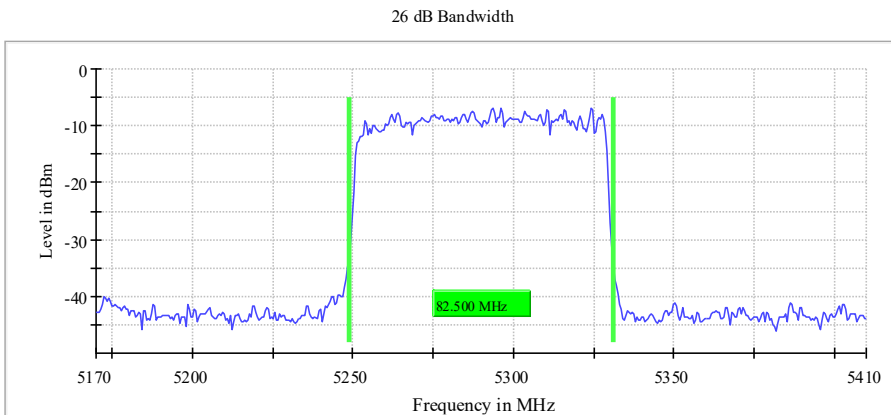
Customized settings.

### 26 dB Bandwidth

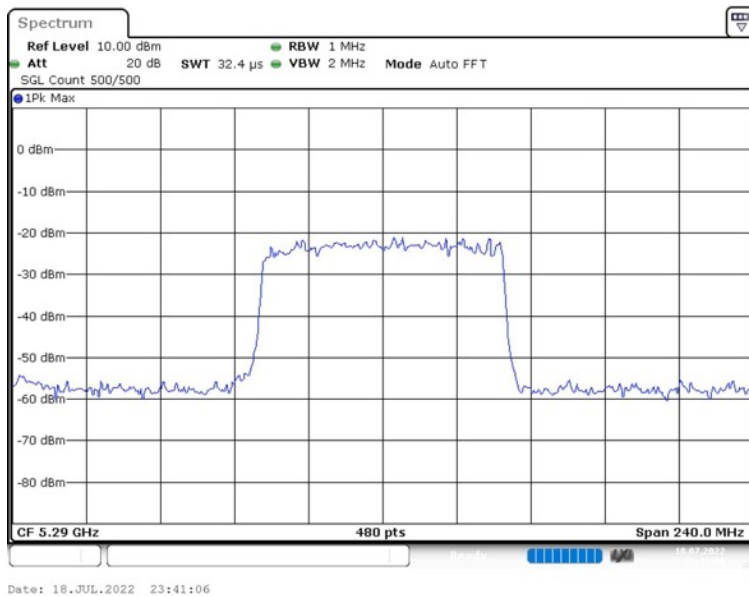
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5290.000000	82.500000	---	---	5248.750000	5331.250000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5290.000000	-6.8	PASS



### Bandwidth



## Occupied Channel Bandwidth 99% (5290 MHz; 24.000 dBm; 80 MHz)

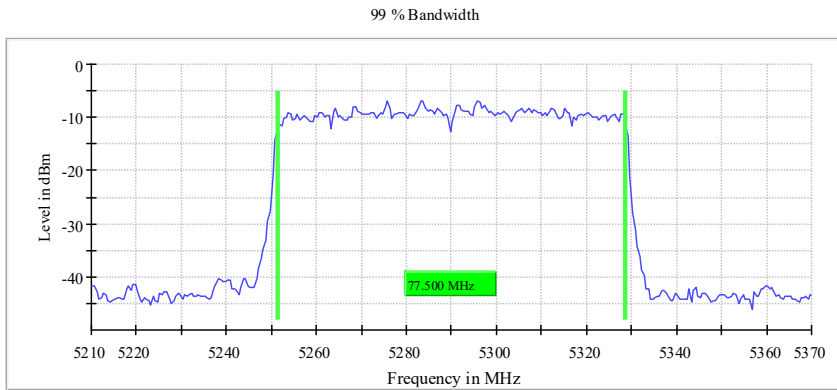
Customized settings.

### 99 % Bandwidth

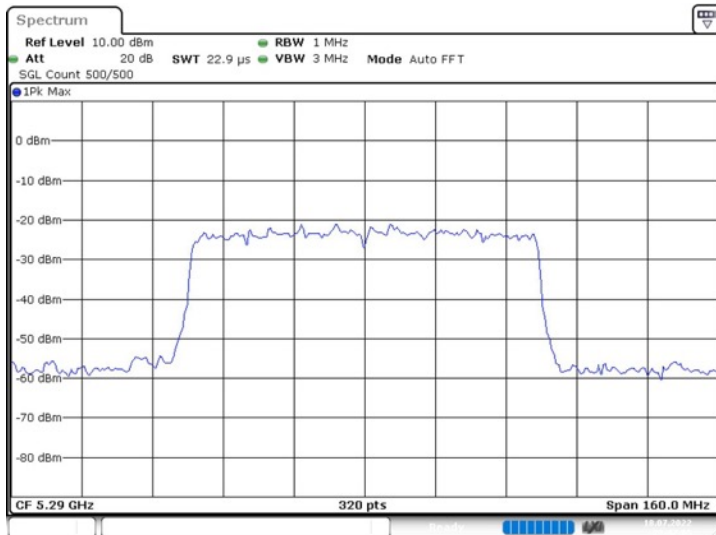
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5290.000000	77.500000	---	---	5251.250000	5328.750000

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

DUT Frequency (MHz)	Result
5290.000000	PASS



### Bandwidth



Date: 18 JUL 2022 23:42:05

## Emission Bandwidth 26 dB (5300 MHz; 24.000 dBm; 80 MHz)

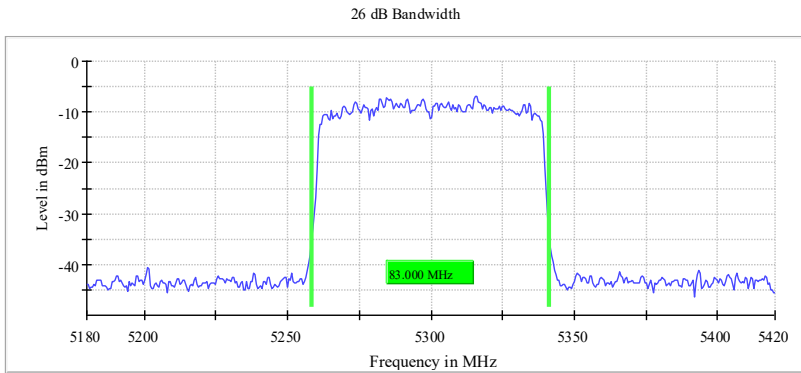
Customized settings.

### 26 dB Bandwidth

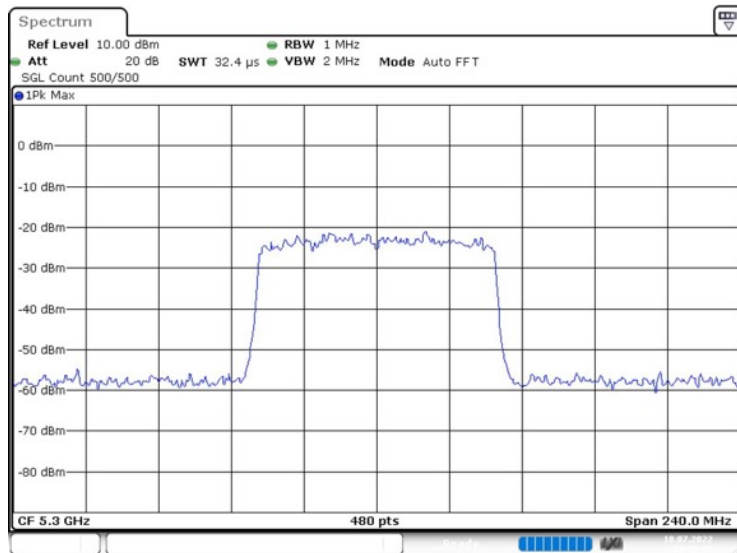
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5300.000000	83.000000	---	---	5258.250000	5341.250000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5300.000000	-6.9	PASS



### Bandwidth



Date: 18 JUL 2022 23:42:30

## Occupied Channel Bandwidth 99% (5300 MHz; 24.000 dBm; 80 MHz)

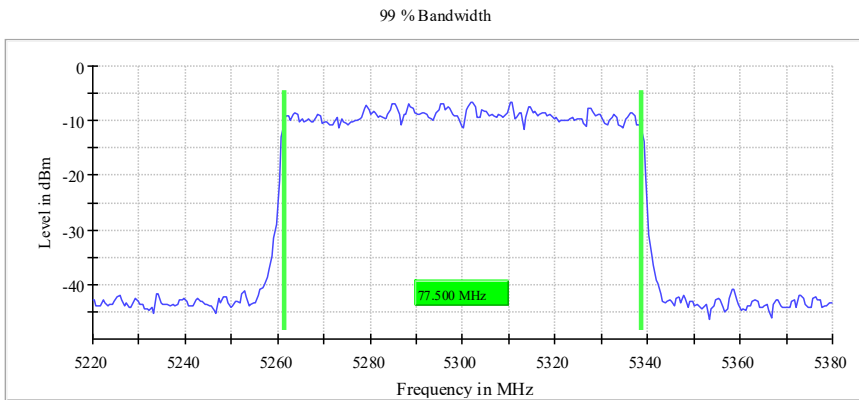
Customized settings.

### 99 % Bandwidth

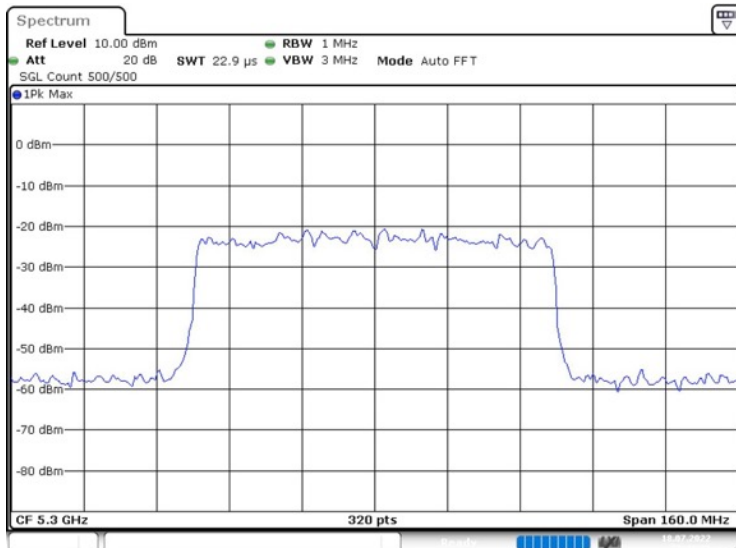
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5300.000000	77.500000	---	---	5261.250000	5338.750000

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

DUT Frequency (MHz)	Result
5300.000000	PASS



### Bandwidth



Date: 18.JUL.2022 23:43:29

## Emission Bandwidth 26 dB (5305 MHz; 24.000 dBm; 80 MHz)

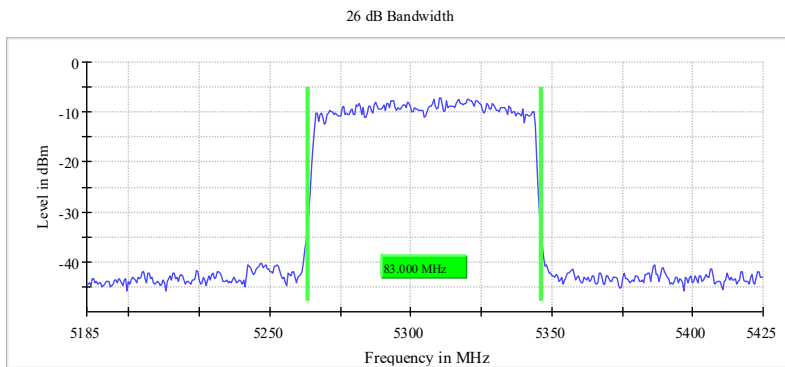
Customized settings.

### 26 dB Bandwidth

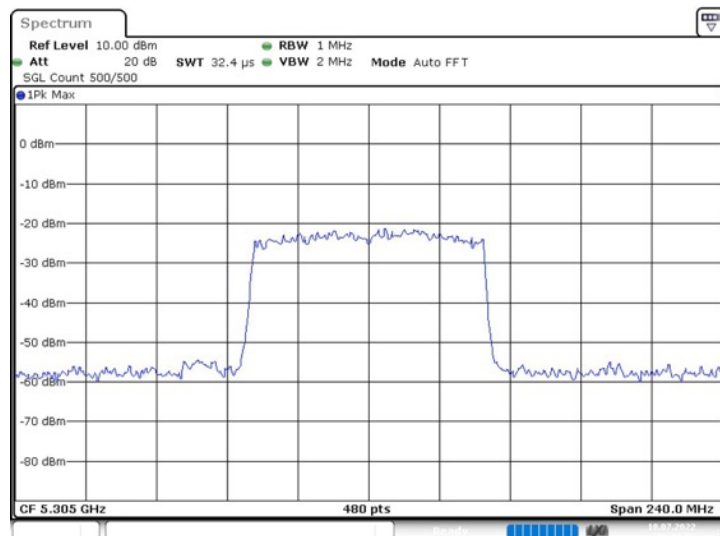
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5305.000000	83.000000	---	---	5263.250000	5346.250000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5305.000000	-7.1	PASS



### Bandwidth



Date: 18.JUL.2022 23:43:56

## Occupied Channel Bandwidth 99% (5305 MHz; 24.000 dBm; 80 MHz)

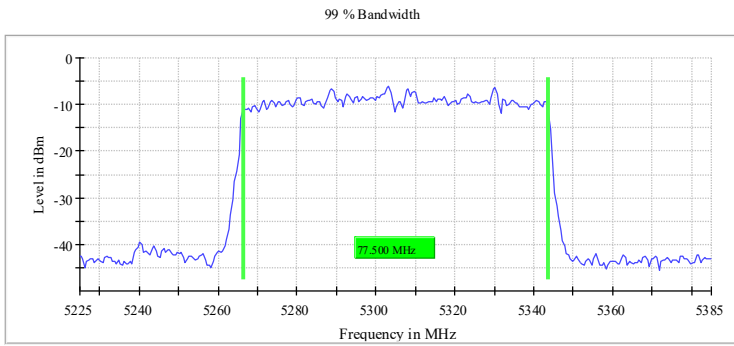
Customized settings.

### 99 % Bandwidth

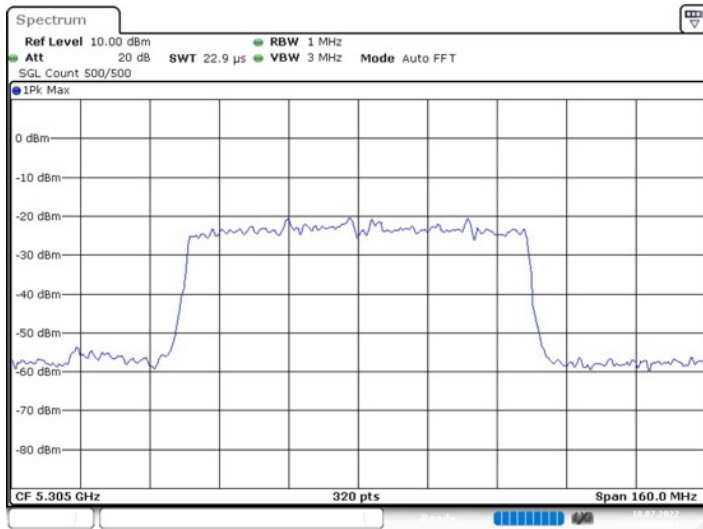
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5305.000000	77.500000	---	---	5266.250000	5343.750000

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

DUT Frequency (MHz)	Result
5305.000000	PASS



### Bandwidth



Date: 18 JUL 2022 23:44:55



## Emission Bandwidth 26 dB (5250 MHz; 24.000 dBm; 160 MHz)

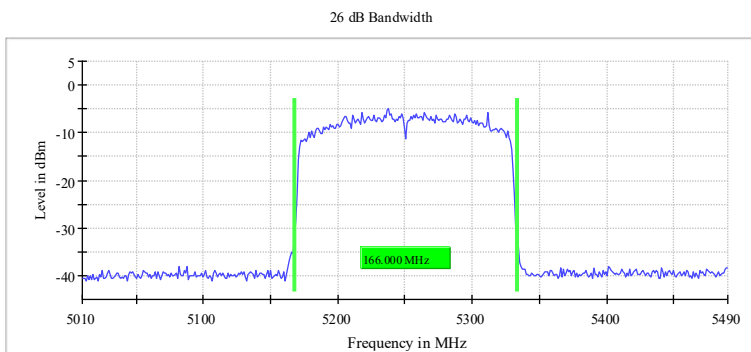
Customized settings.

### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5250.000000	166.000000	---	---	5167.500000	5333.500000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5250.000000	-4.8	PASS



### Bandwidth



Date: 18.JUL.2022 23:46:29

## Occupied Channel Bandwidth 99% (5250 MHz; 24.000 dBm; 160 MHz)

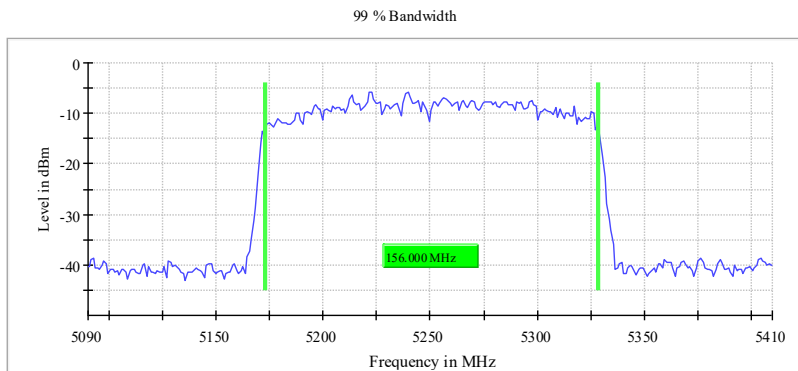
Customized settings.

### 99 % Bandwidth

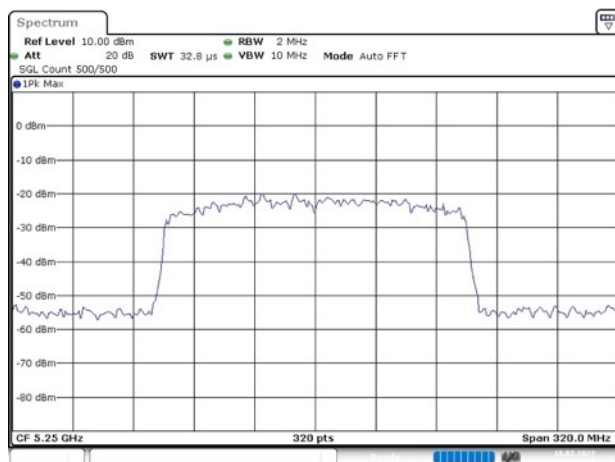
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5250.000000	156.000000	---	---	5172.500000	5328.500000

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

DUT Frequency (MHz)	Result
5250.000000	PASS



### Bandwidth



Date: 18\_JUL\_2022 23:47:48

## 1.2 UNII-2C Summary

### Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5485.000	24.0	20.000000	PASS
RF output power	5485.000	24.0	20.000000	PASS
Power Spectral Density	5485.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5485.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5600.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5600.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5710.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5710.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5495.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5495.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5600.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5600.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5700.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5700.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5515.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5515.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5600.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5600.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5680.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5680.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5570.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	5570.000	24.0	160.000000	PASS

## Emission Bandwidth 26 dB (5485 MHz; 24.000 dBm; 20 MHz)

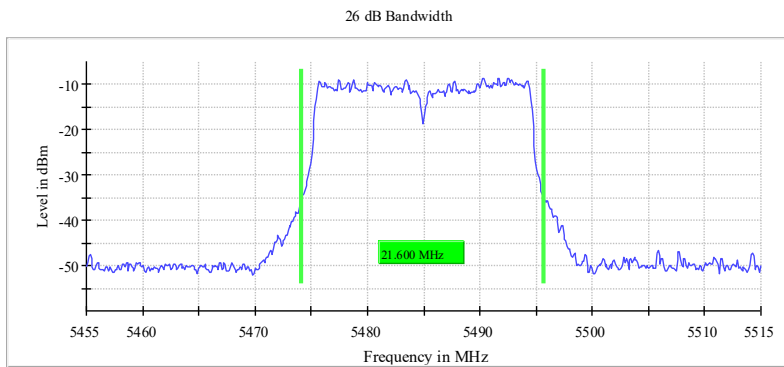
Customized settings.

### 26 dB Bandwidth

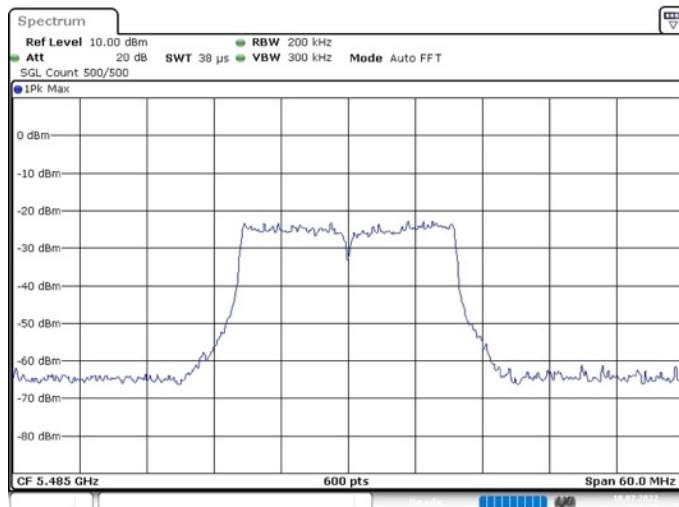
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5485.000000	21.600000	---	---	5474.050000	5495.650000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5485.000000	-8.5	PASS



### Bandwidth



Date: 18 JUL 2022 23:56:20

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.45500 GHz	5.45500 GHz
Stop Frequency	5.51500 GHz	5.51500 GHz
Span	60.000 MHz	60.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	300.000 kHz	>= 240.000 kHz
SweepPoints	600	~ 600
SweepTime	37.969 $\mu$ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

## RF output power (5485 MHz; 24.000 dBm; 20 MHz)

Customized settings.

## Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5485.000000	7.6	24.0	7.6	85.942	PASS

## OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 $\mu$ s	1.000 $\mu$ s

## Power Spectral Density (5485 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.

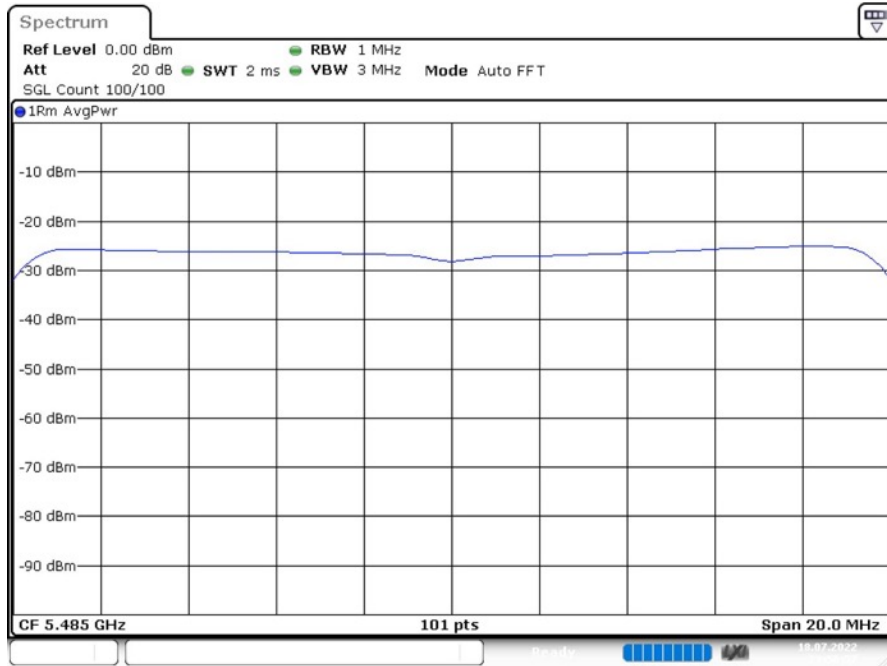
## Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5485.000000	5493.514851	-7.472	11.0	PASS

## Ports

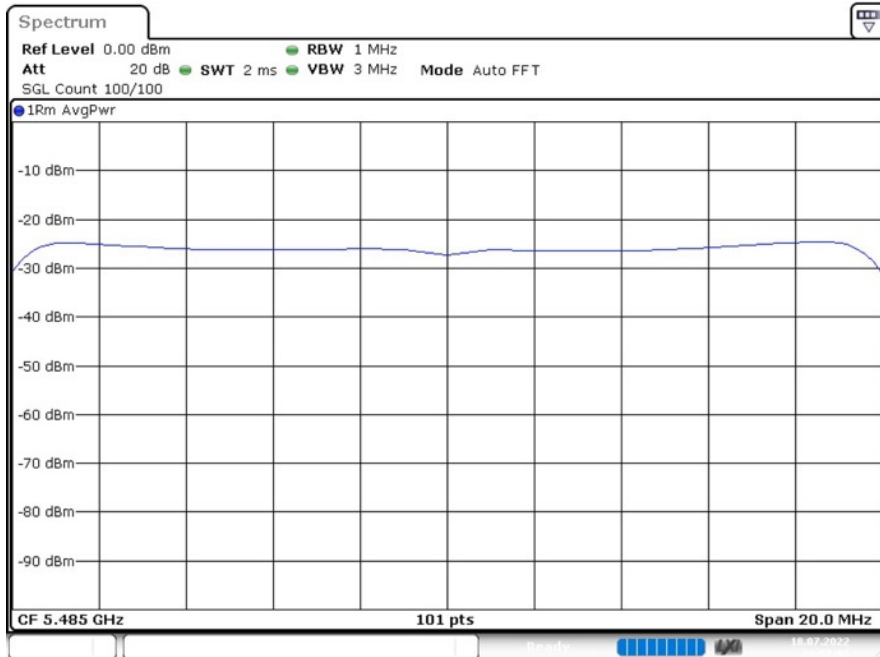
Port	State
1	used
2	used

PSD Connector 1



Date: 18.JUL.2022 23:56:57

PSD Connector 2



Date: 18.JUL.2022 23:57:02

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.47500 GHz	5.47500 GHz
Stop Frequency	5.49500 GHz	5.49500 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	2.020 ms	2.020 ms
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	FFT	AUTO
Preamp	off	off

## Occupied Channel Bandwidth 99% (5485 MHz; 24.000 dBm; 20 MHz)

Customized settings.

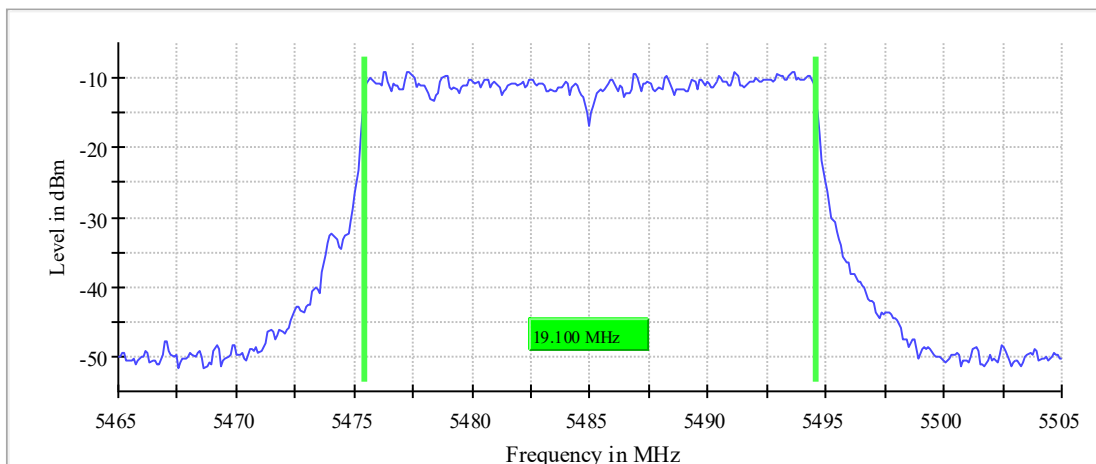
### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5485.000000	19.100000	---	---	5475.450000	5494.550000

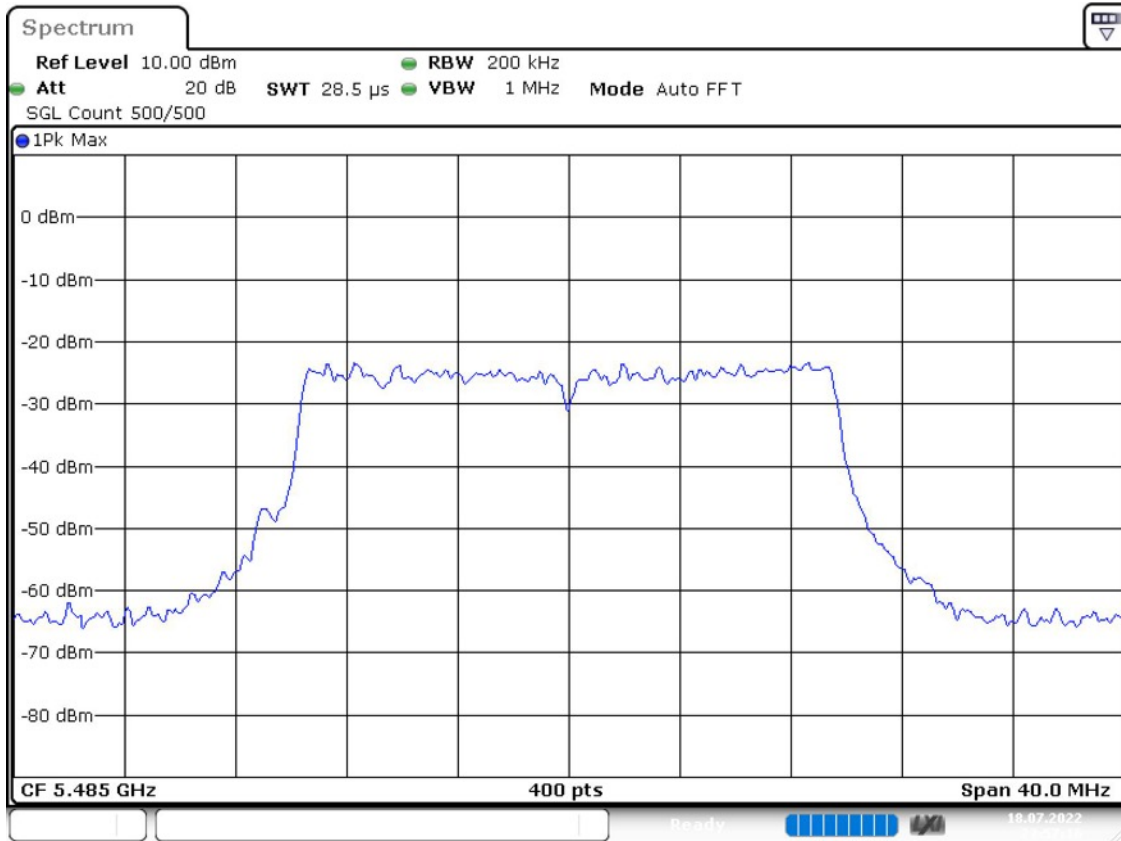
(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
5485.000000	PASS

99 % Bandwidth



**Bandwidth**



Date: 18.JUL.2022 23:57:16

**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	5.46500 GHz	5.46500 GHz
Stop Frequency	5.50500 GHz	5.50500 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	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off



## Emission Bandwidth 26 dB (5600 MHz; 24.000 dBm; 20 MHz)

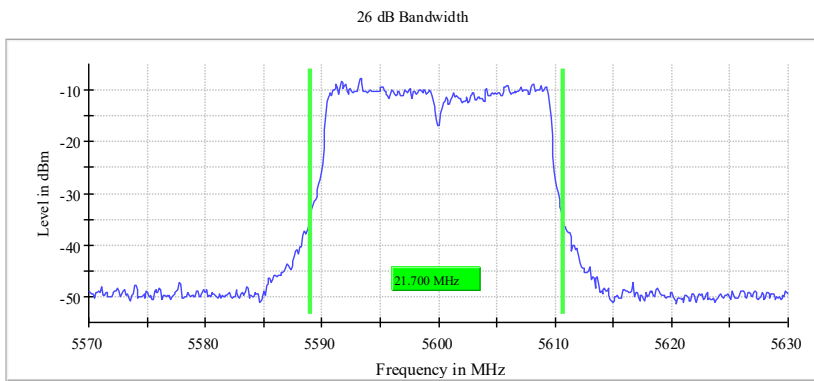
Customized settings.

### 26 dB Bandwidth

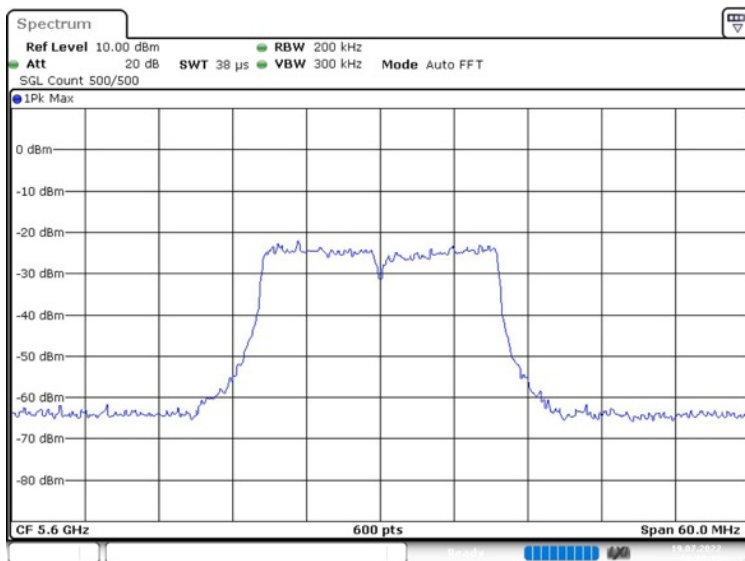
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	21.700000	---	---	5588.950000	5610.650000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5600.000000	-7.7	PASS



### Bandwidth



Date: 19.JUL.2022 00:00:17

## Occupied Channel Bandwidth 99% (5600 MHz; 24.000 dBm; 20 MHz)

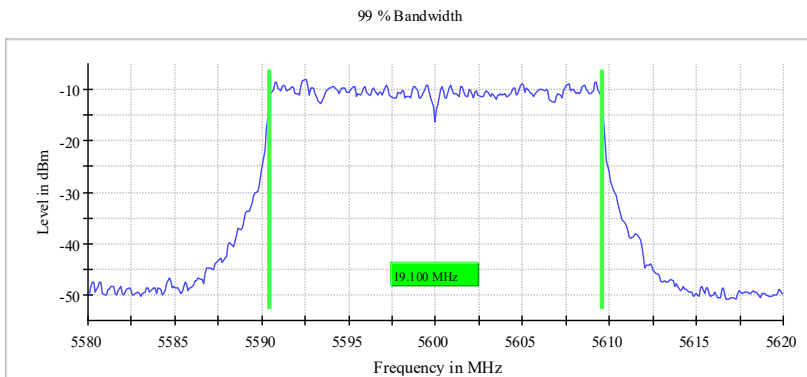
Customized settings.

### 99 % Bandwidth

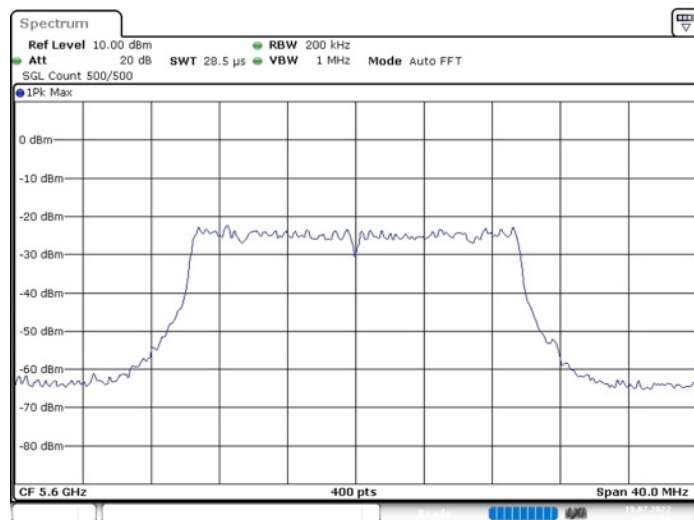
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	19.100000	---	---	5590.450000	5609.550000

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

DUT Frequency (MHz)	Result
5600.000000	PASS



### Bandwidth



Date: 19.JUL.2022 00:01:10

## Emission Bandwidth 26 dB (5710 MHz; 24.000 dBm; 20 MHz)

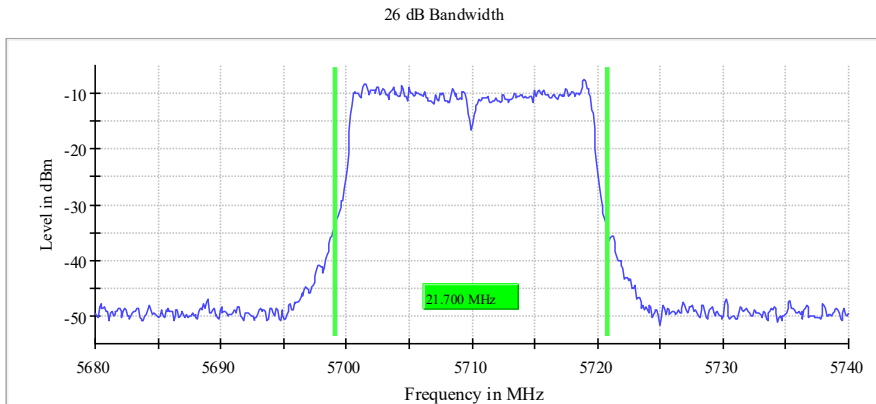
Customized settings.

### 26 dB Bandwidth

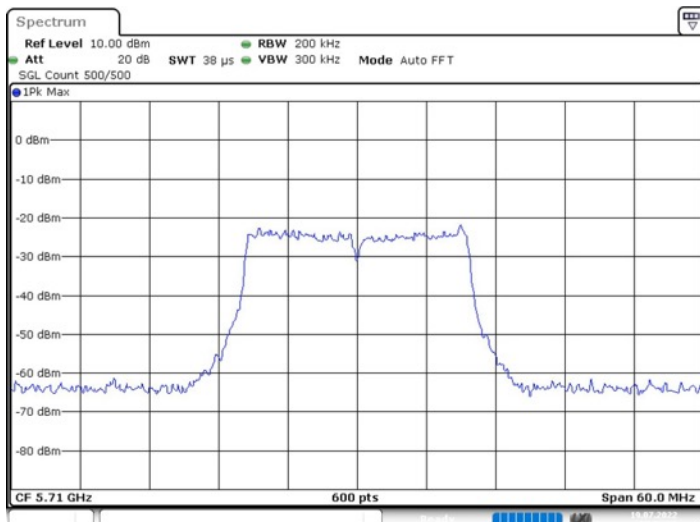
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5710.000000	21.700000	21.700000	0.000000	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5710.000000	5699.050000	5720.750000	-7.4	PASS



### Bandwidth



Date: 19.JUL.2022 00:01:30

## Occupied Channel Bandwidth 99% (5710 MHz; 24.000 dBm; 20 MHz)

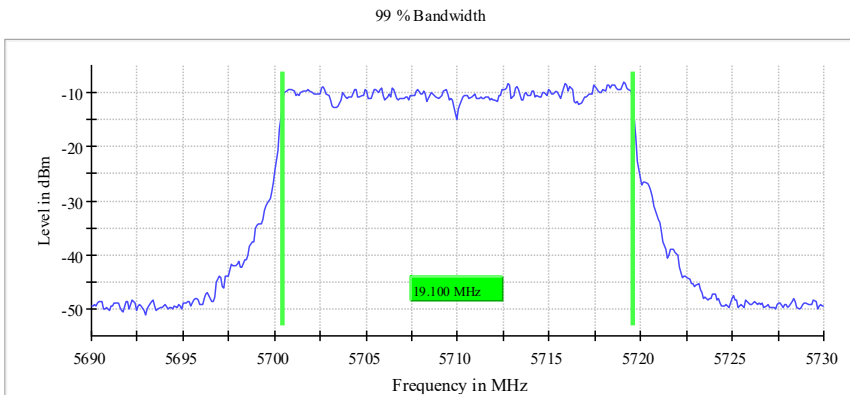
Customized settings.

### 99 % Bandwidth

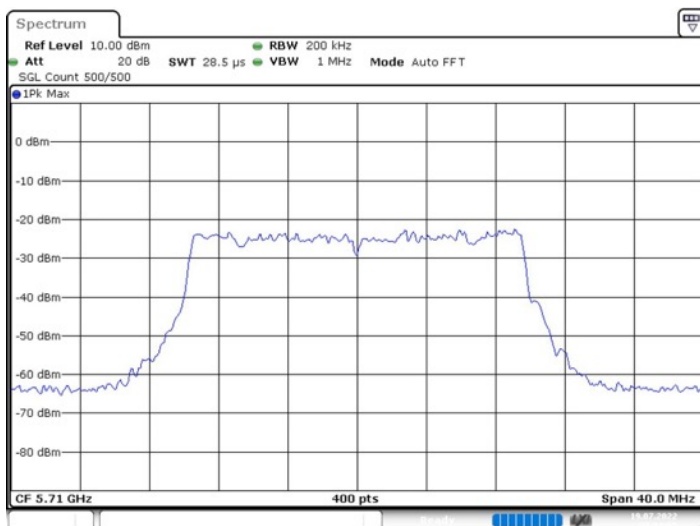
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5710.000000	19.100000	19.100000	0.000000	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5710.000000	5700.450000	5719.550000	PASS



### Bandwidth



Date: 19 JUL 2022 00:02:35

## Emission Bandwidth 26 dB (5495 MHz; 24.000 dBm; 40 MHz)

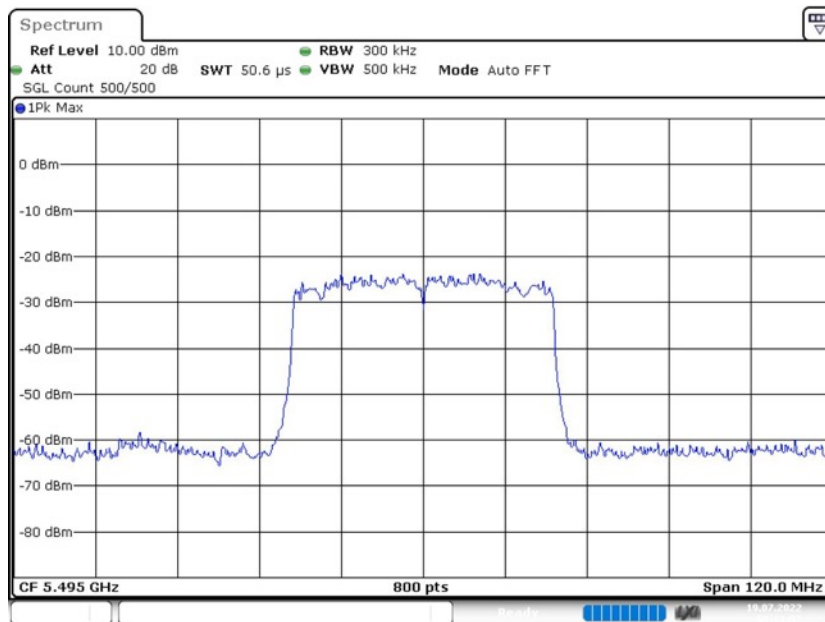
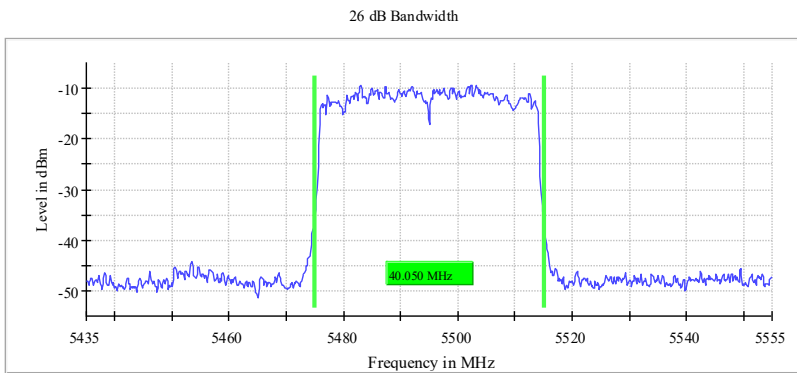
Customized settings.

### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5495.000000	40.050000	---	---	5474.975000	5515.025000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5495.000000	-9.4	PASS



Date: 19.JUL.2022 00:11:52

Bandwidth

## Occupied Channel Bandwidth 99% (5495 MHz; 24.000 dBm; 40 MHz)

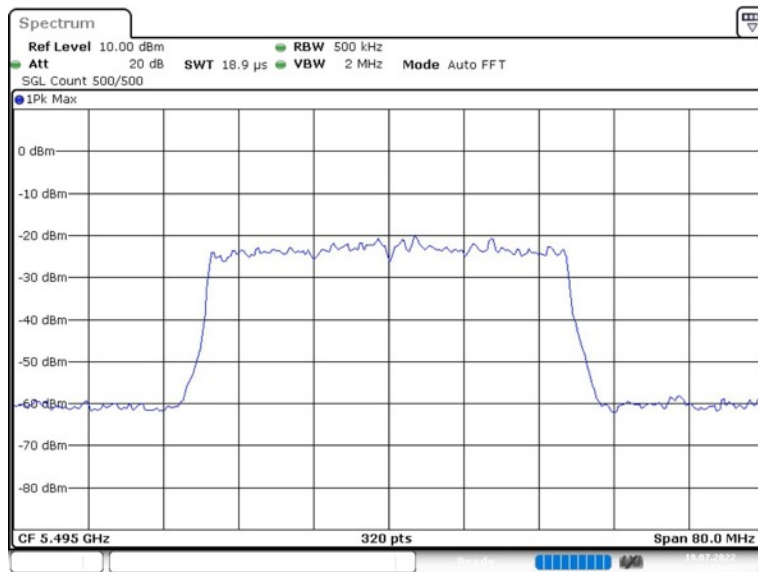
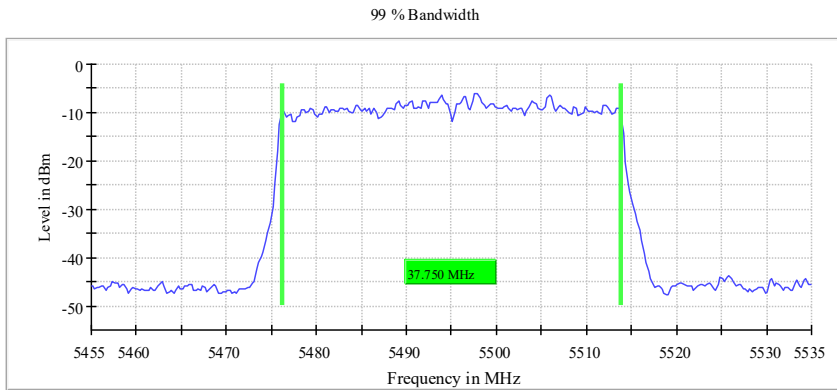
Customized settings.

### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5495.000000	37.750000	---	---	5476.125000	5513.875000

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

DUT Frequency (MHz)	Result
5495.000000	PASS



Bandwidth Date: 19.JUL.2022 00:12:44

## Emission Bandwidth 26 dB (5600 MHz; 24.000 dBm; 40 MHz)

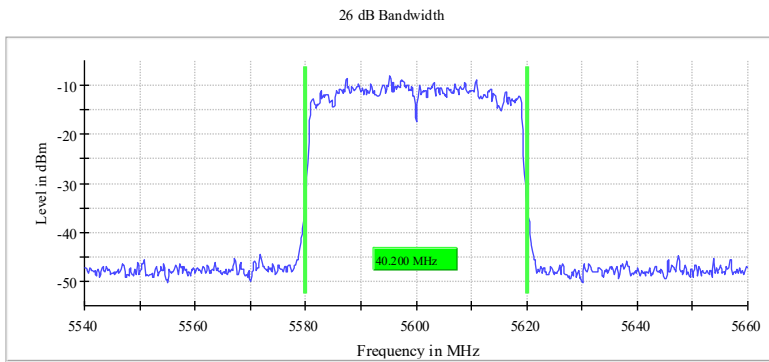
Customized settings.

### 26 dB Bandwidth

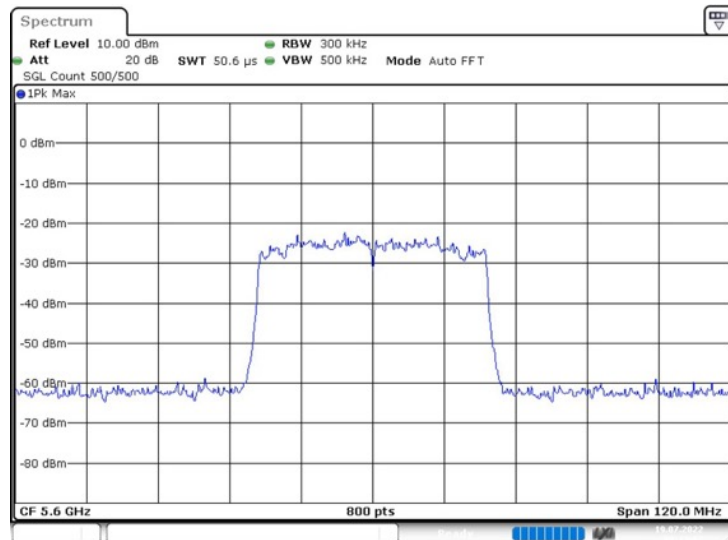
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	40.200000	---	---	5579.825000	5620.025000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5600.000000	-8.0	PASS



### Bandwidth



Date: 19.JUL.2022 00:13:07

## Occupied Channel Bandwidth 99% (5600 MHz; 24.000 dBm; 40 MHz)

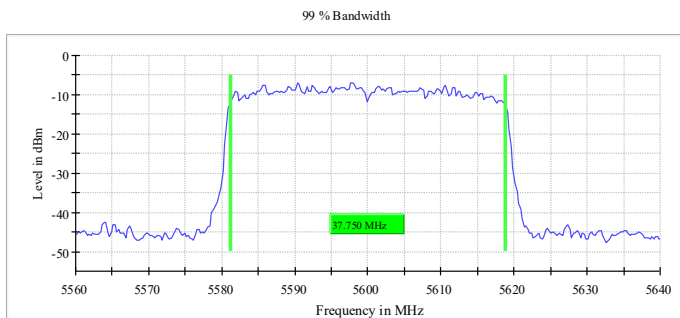
Customized settings.

### 99 % Bandwidth

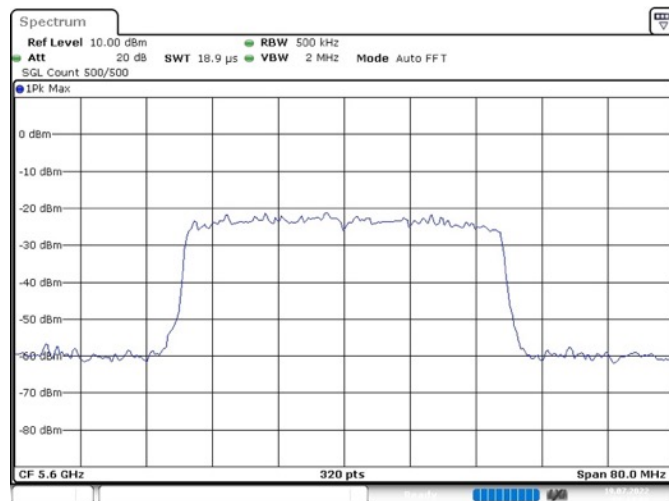
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	37.750000	---	---	5581.125000	5618.875000

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

DUT Frequency (MHz)	Result
5600.000000	PASS



### Bandwidth



Date: 19.JUL.2022 00:14:00



## Emission Bandwidth 26 dB (5700 MHz; 24.000 dBm; 40 MHz)

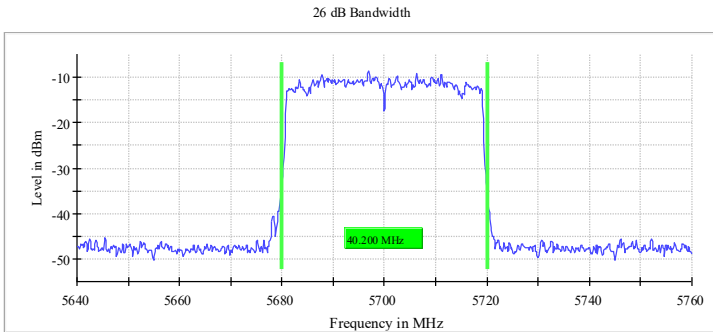
Customized settings.

### 26 dB Bandwidth

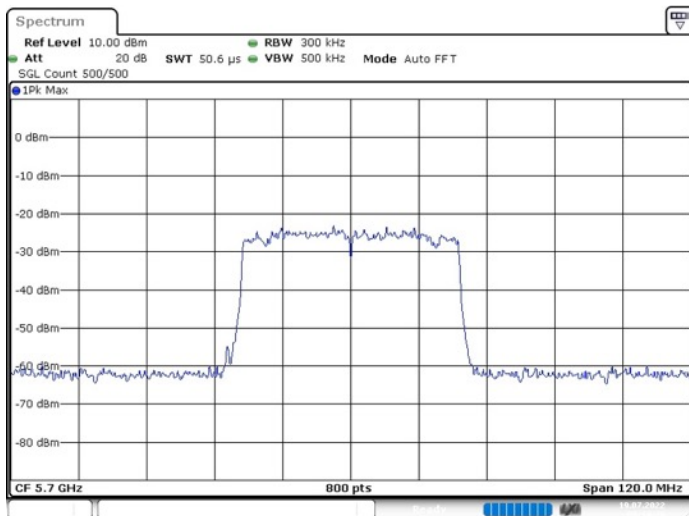
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5700.000000	40.200000	40.200000	0.000000	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5700.000000	5679.825000	5720.025000	-8.7	PASS



### Bandwidth



Date: 19.JUL.2022 00:14:30

## Occupied Channel Bandwidth 99% (5700 MHz; 24.000 dBm; 40 MHz)

Customized settings.

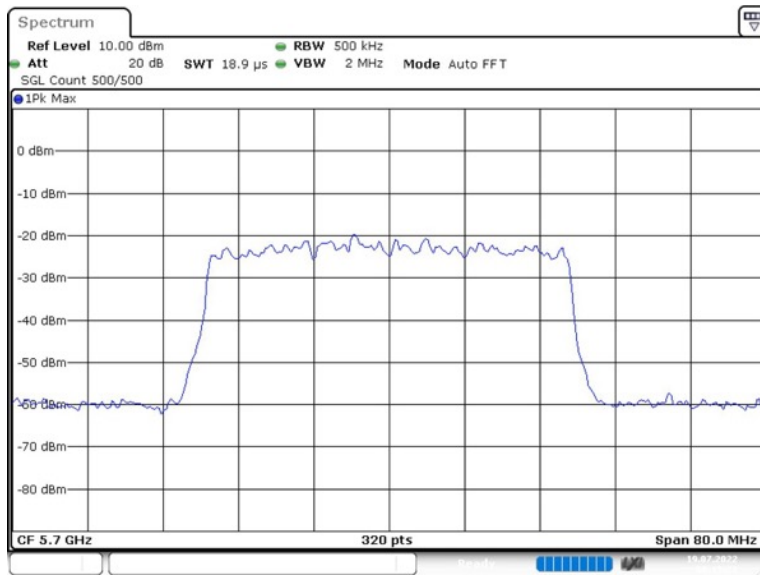
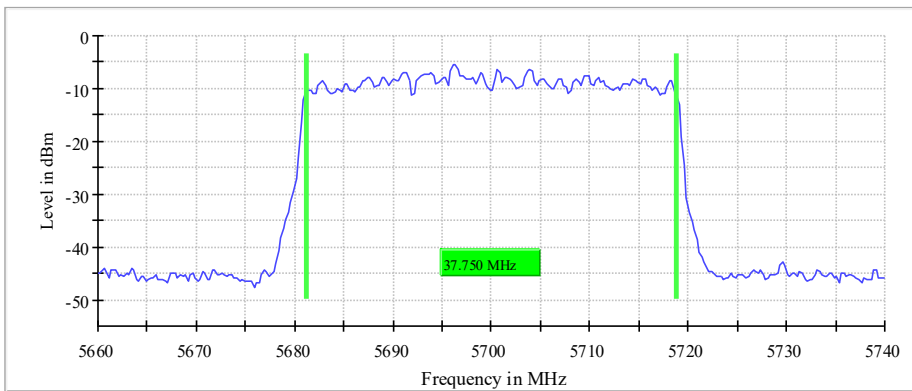
### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5700.000000	37.750000	37.750000	0.000000	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5700.000000	5681.125000	5718.875000	PASS

99 % Bandwidth



Bandwidth

Date: 19.JUL.2022 00:15:22

## Emission Bandwidth 26 dB (5515 MHz; 24.000 dBm; 80 MHz)

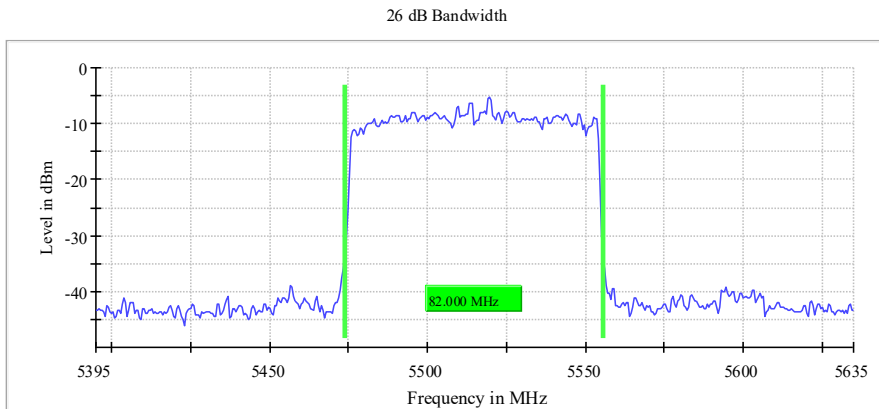
Customized settings.

### 26 dB Bandwidth

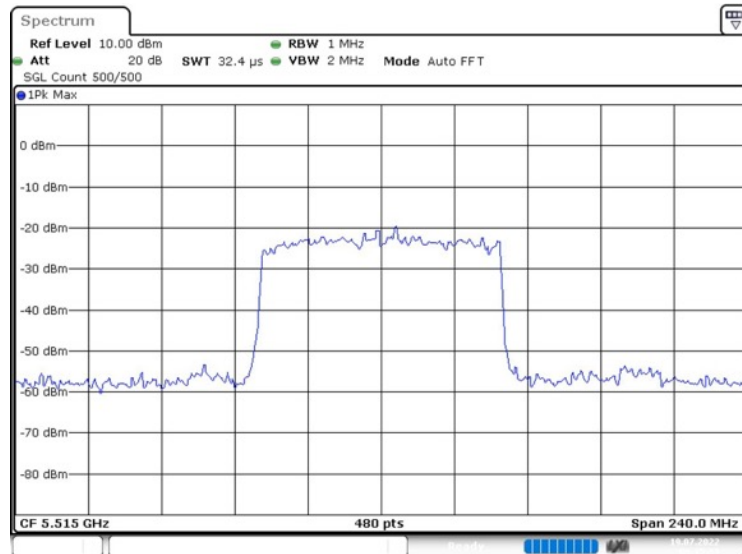
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5515.000000	82.000000	---	---	5473.750000	5555.750000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5515.000000	-5.1	PASS



### Bandwidth



Date: 19.JUL.2022 00:15:55

## Occupied Channel Bandwidth 99% (5515 MHz; 24.000 dBm; 80 MHz)

Customized settings.

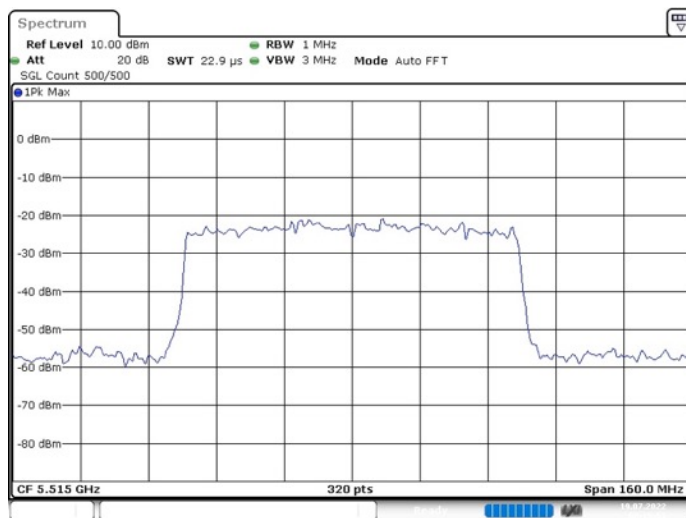
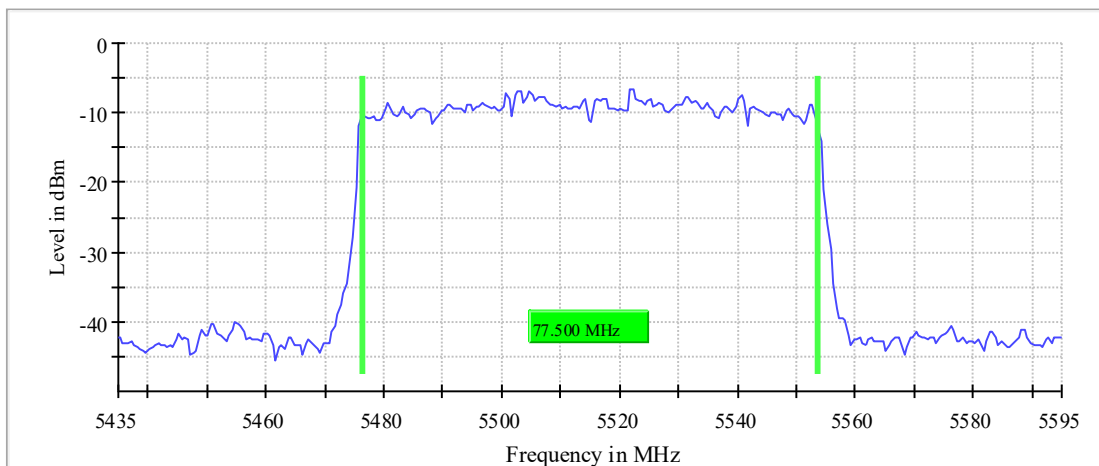
### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5515.000000	77.500000	---	---	5476.250000	5553.750000

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

DUT Frequency (MHz)	Result
5515.000000	PASS

99 % Bandwidth



Bandwidth

## Emission Bandwidth 26 dB (5600 MHz; 24.000 dBm; 80 MHz)

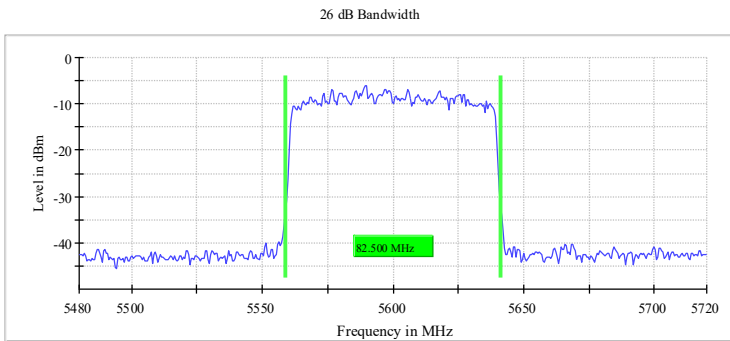
Customized settings.

### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	82.500000	---	---	5558.750000	5641.250000

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

DUT Frequency (MHz)	Max Level (dBm)	Result
5600.000000	-6.0	PASS



### Bandwidth



Date: 19.JUL.2022 00:17:26

## Occupied Channel Bandwidth 99% (5600 MHz; 24.000 dBm; 80 MHz)

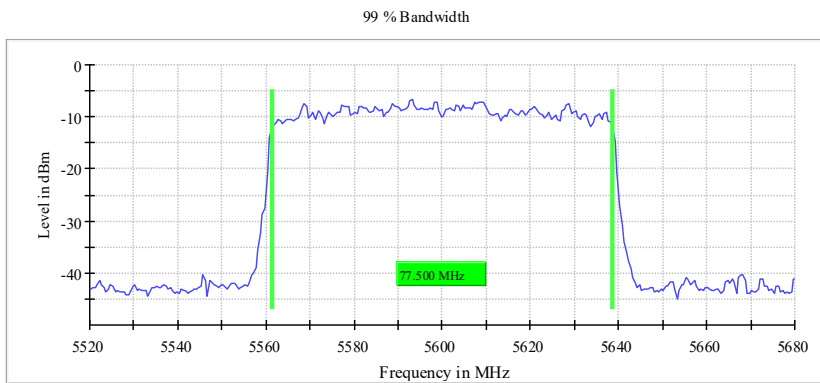
Customized settings.

### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	77.500000	---	---	5561.250000	5638.750000

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

DUT Frequency (MHz)	Result
5600.000000	PASS



### Bandwidth



Date: 19.JUL.2022 00:18:28

## Emission Bandwidth 26 dB (5680 MHz; 24.000 dBm; 80 MHz)

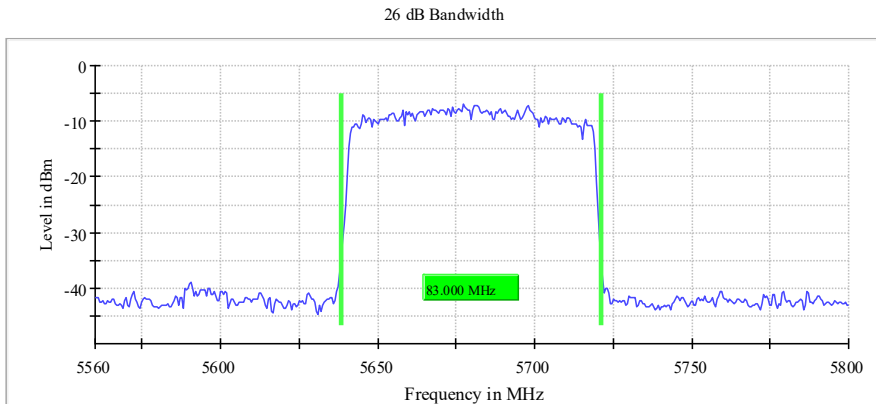
Customized settings.

### 26 dB Bandwidth

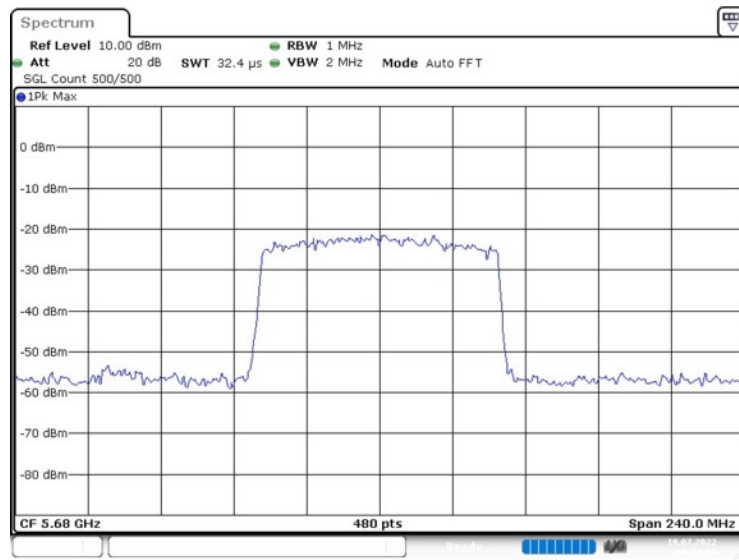
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5680.000000	83.000000	83.000000	0.000000	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5680.000000	5638.250000	5721.250000	-7.0	PASS



### Bandwidth



Date: 19-JUL-2022 00:20:20

## Occupied Channel Bandwidth 99% (5680 MHz; 24.000 dBm; 80 MHz)

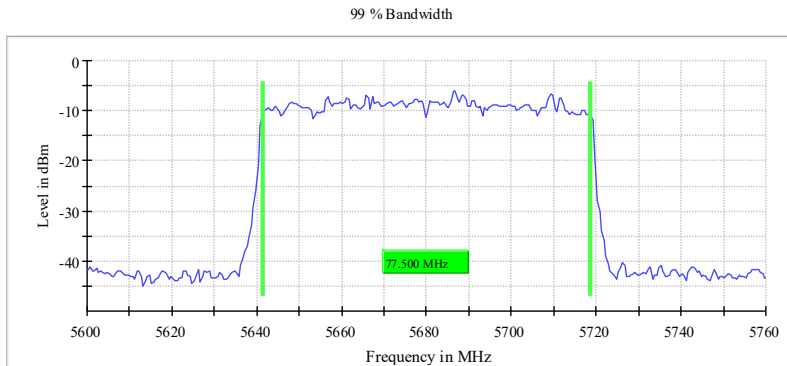
Customized settings.

### 99 % Bandwidth

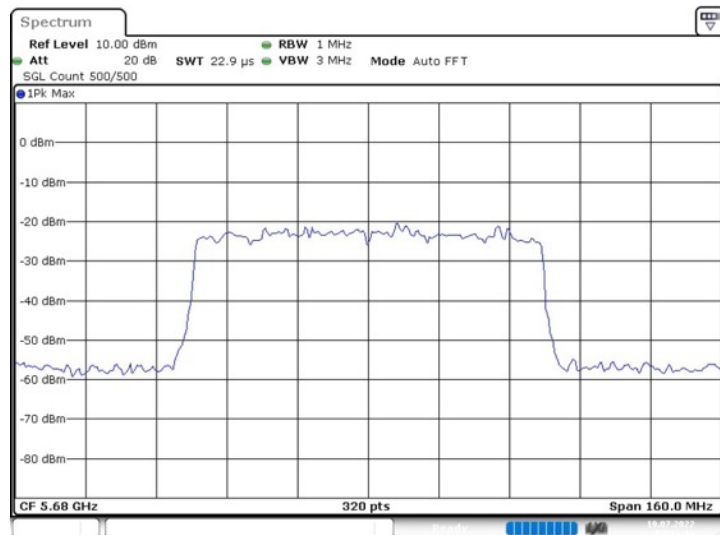
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5680.000000	77.500000	77.500000	0.000000	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5680.000000	5641.250000	5718.750000	PASS



### Bandwidth



Date: 19-JUL-2022 00:21:19



## Emission Bandwidth 26 dB (5570 MHz; 24.000 dBm; 160 MHz)

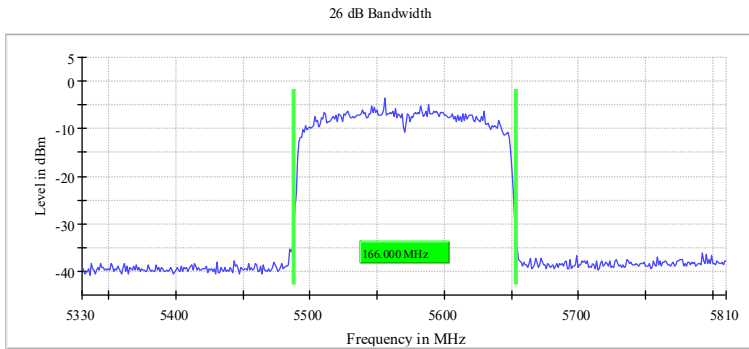
Customized settings.

### 26 dB Bandwidth

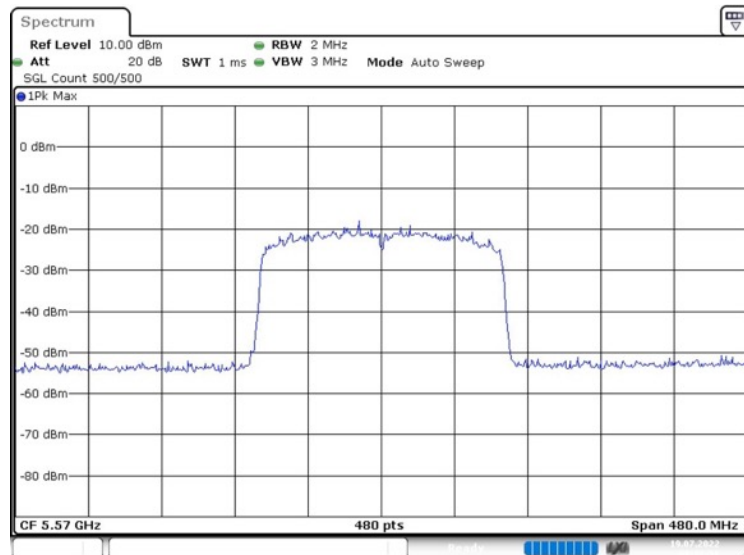
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5570.000000	166.000000	166.000000	0.000000	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5570.000000	5487.500000	5653.500000	-3.6	PASS



### Bandwidth



Date: 19.JUL.2022 00:22:59

## Occupied Channel Bandwidth 99% (5570 MHz; 24.000 dBm; 160 MHz)

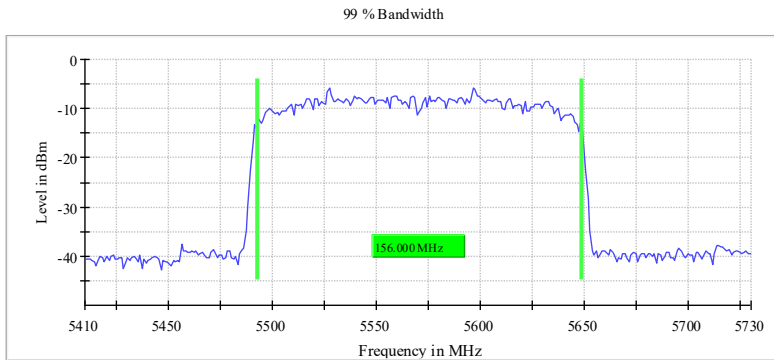
Customized settings.

### 99 % Bandwidth

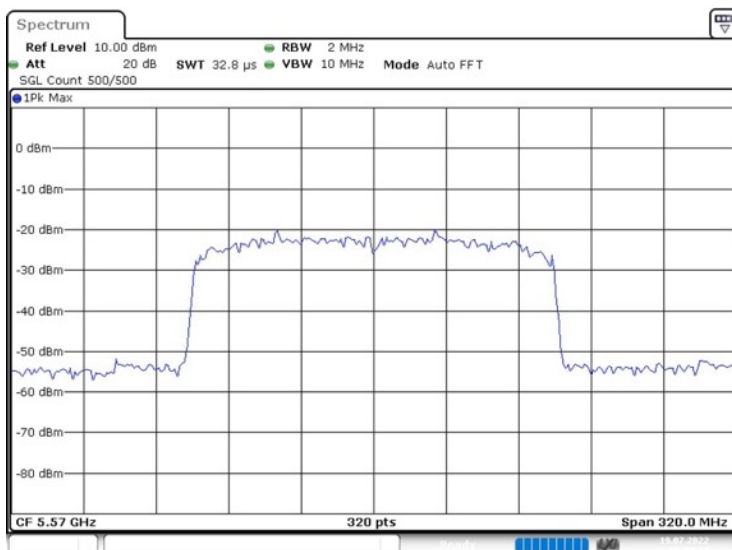
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5570.000000	156.000000	156.000000	0.000000	---	---

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

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5570.000000	5492.500000	5648.500000	PASS



### Bandwidth



Date: 19.JUL.2022 00:24:17

-- End of Report --

