

UBB-XG UNII-2c Annex

## Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5500.000	30.0	20.000000	PASS
RF output power	5500.000	30.0	20.000000	PASS
Power Spectral Density	5500.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5500.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5600.000	30.0	20.000000	PASS
RF output power	5600.000	30.0	20.000000	PASS
Power Spectral Density	5600.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5600.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5720.000	30.0	20.000000	PASS
RF output power	5720.000	30.0	20.000000	PASS
Power Spectral Density	5720.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5720.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5510.000	30.0	40.000000	PASS
RF output power	5510.000	30.0	40.000000	PASS
Power Spectral Density	5510.000	30.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5510.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5590.000	30.0	40.000000	PASS
RF output power	5590.000	30.0	40.000000	PASS
Power Spectral Density	5590.000	30.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5590.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5710.000	30.0	40.000000	PASS
RF output power	5710.000	30.0	40.000000	PASS
Power Spectral Density	5710.000	30.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5710.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5530.000	30.0	80.000000	PASS
RF output power	5530.000	30.0	80.000000	PASS
Power Spectral Density	5530.000	30.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5530.000	30.0	80.000000	PASS
Emission Bandwidth 26 dB	5610.000	30.0	80.000000	PASS
RF output power	5610.000	30.0	80.000000	PASS
Power Spectral Density	5610.000	30.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5610.000	30.0	80.000000	PASS
Emission Bandwidth 26 dB	5690.000	30.0	80.000000	PASS
RF output power	5690.000	30.0	80.000000	PASS
Power Spectral Density	5690.000	30.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5690.000	30.0	80.000000	PASS

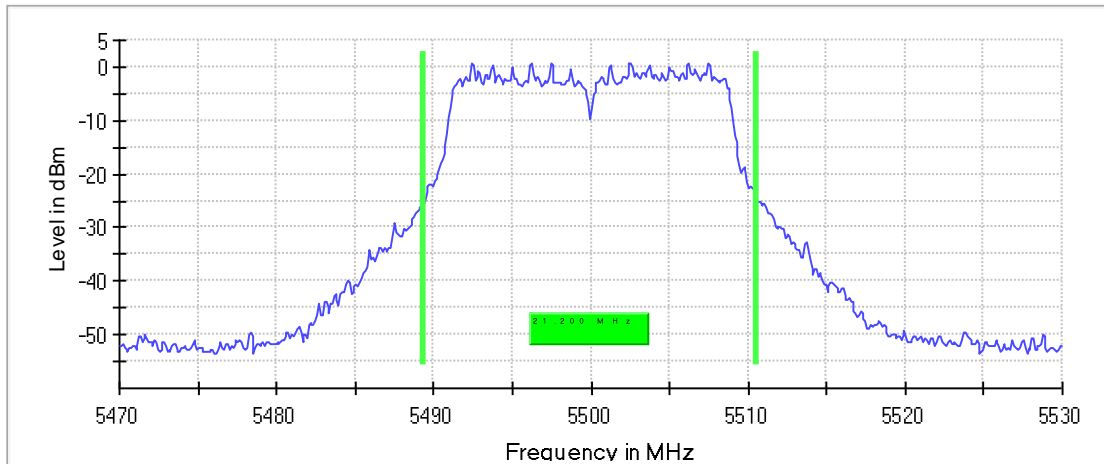
## Emission Bandwidth 26 dB (5500 MHz; 30.000 dBm; 20 MHz)

### 26 dB Bandwidth

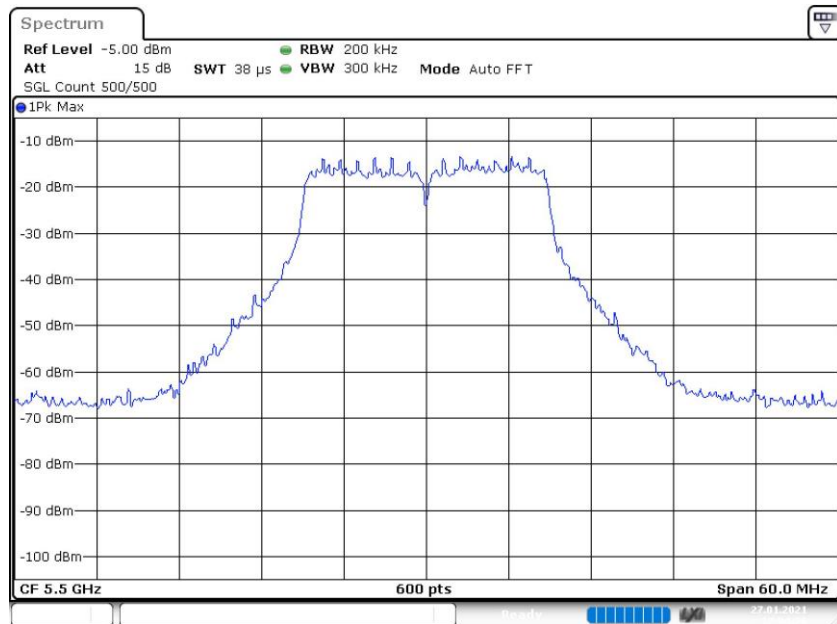
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5500.000000	21.200000	---	---	5489.350000	5510.550000

DUT Frequency (MHz)	Max Level (dBm)	Result
5500.000000	0.9	PASS

### 26 dB Bandwidth



### Bandwidth



Date: 27.JAN.2021 12:04:26

### Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.47000 GHz	5.47000 GHz
Stop Frequency	5.53000 GHz	5.53000 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	-5.000 dBm	-5.000 dBm
Attenuation	15.000 dB	AUTO
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 (5500 MHz; 30.000 dBm; 20 MHz)

### Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5500.000000	15.7	16.0	29.7	96.496	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

## Power Spectral Density (5500 MHz; 30.000 dBm; 20 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5500.000000	5505.148515	1.420	3.0	PASS

### Ports

Port	State
1	used
2	used

### Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.49000 GHz	5.49000 GHz
Stop Frequency	5.51000 GHz	5.51000 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	3.788 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

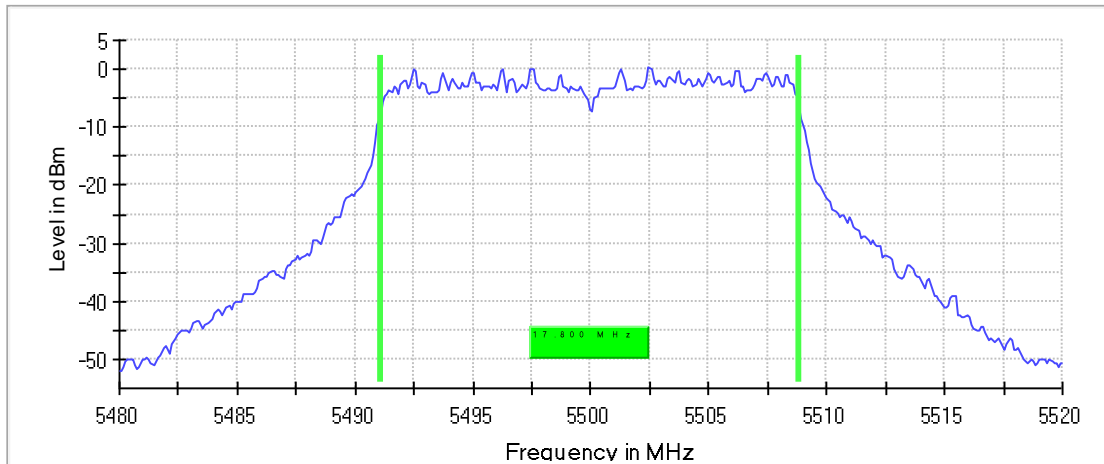
## Occupied Channel Bandwidth 99% (5500 MHz; 30.000 dBm; 20 MHz)

### 99 % Bandwidth

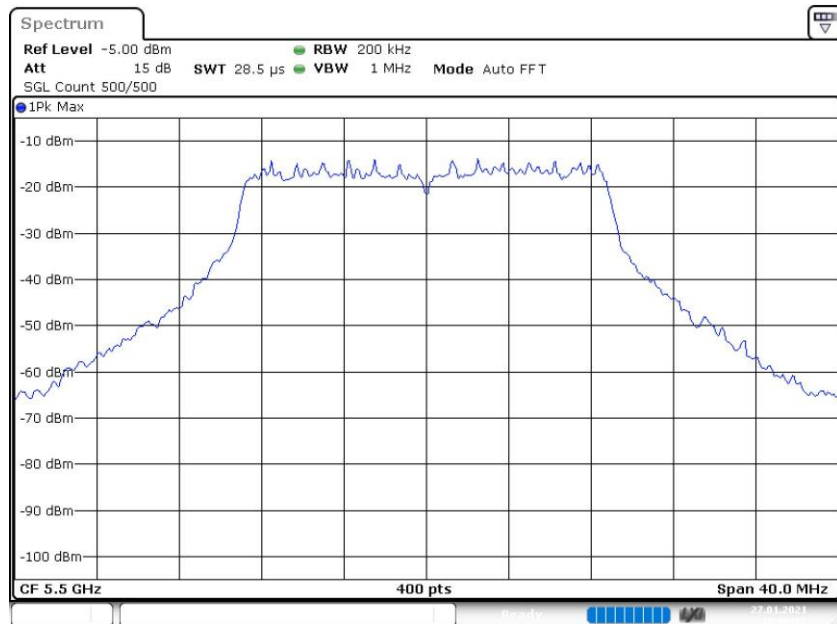
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5500.000000	17.800000	---	---	5491.050000	5508.850000

DUT Frequency (MHz)	Result
5500.000000	PASS

99 %Bandwidth



Bandwidth



Date: 27.JAN.2021 12:06:12

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.48000 GHz	5.48000 GHz
Stop Frequency	5.52000 GHz	5.52000 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	-5.000 dBm	-5.000 dBm
Attenuation	15.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

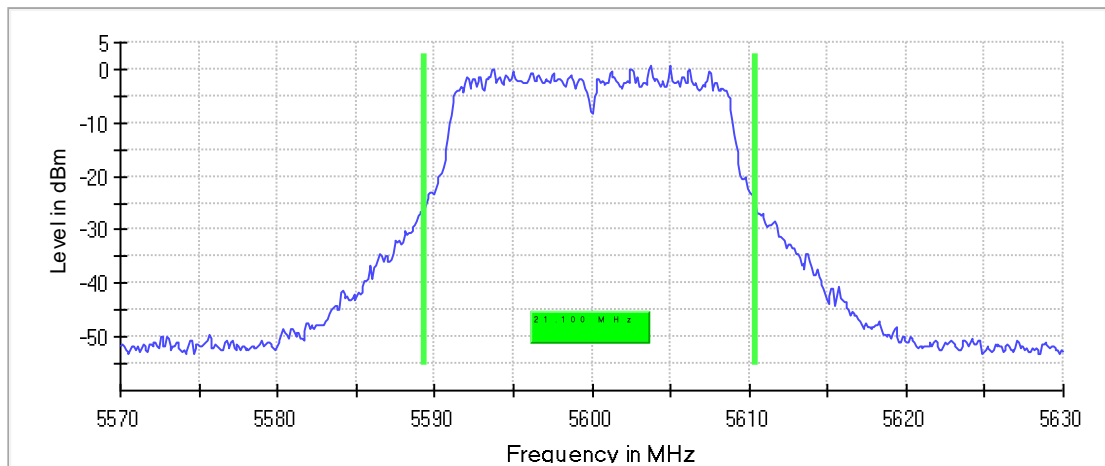
# Emission Bandwidth 26 dB (5600 MHz; 30.000 dBm; 20 MHz)

## 26 dB Bandwidth

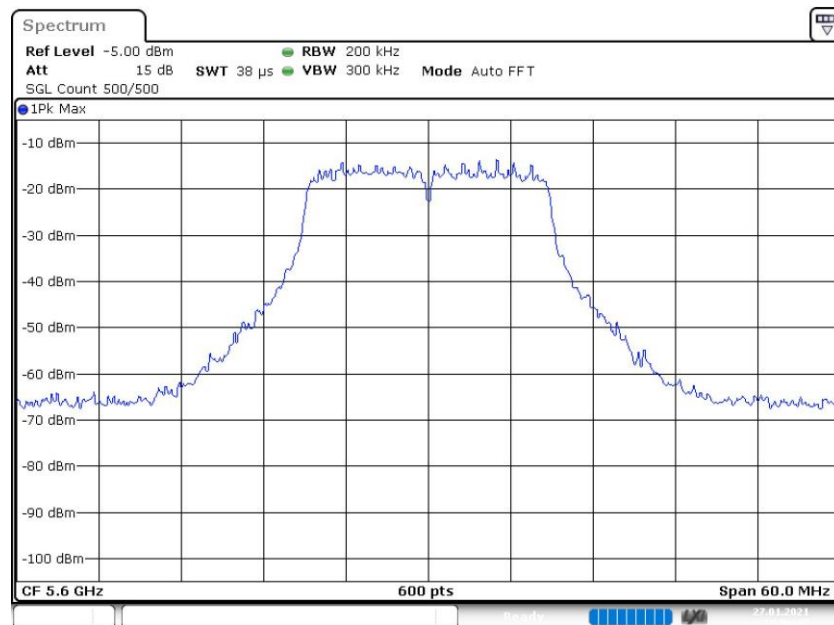
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	21.100000	---	---	5589.350000	5610.450000

DUT Frequency (MHz)	Max Level (dBm)	Result
5600.000000	0.7	PASS

26 dB Bandwidth



## Bandwidth



Date: 27.JAN.2021 12:06:47

## RF output power (5600 MHz; 30.000 dBm; 20 MHz)

### Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5600.000000	15.6	16.0	29.6	96.448	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

## Power Spectral Density (5600 MHz; 30.000 dBm; 20 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5600.000000	5604.950495	2.201	3.0	PASS

### Ports

Port	State
1	used
2	used

### Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.59000 GHz	5.59000 GHz
Stop Frequency	5.61000 GHz	5.61000 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	3.788 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

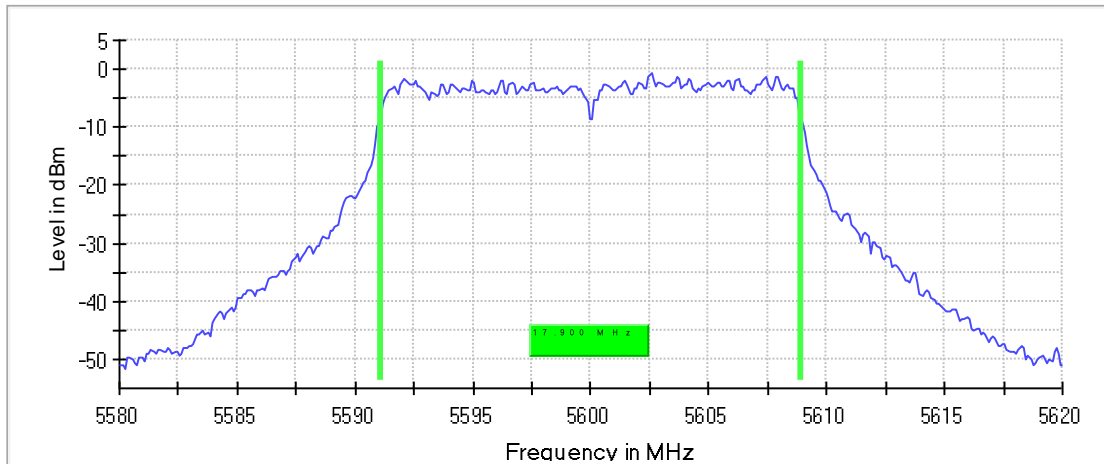
## Occupied Channel Bandwidth 99% (5600 MHz; 30.000 dBm; 20 MHz)

### 99 % Bandwidth

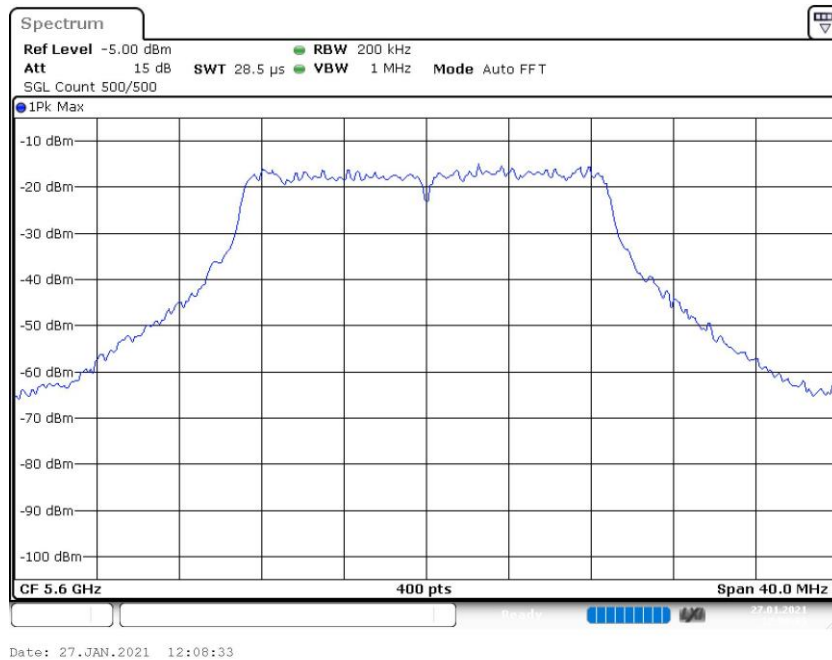
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	17.900000	---	---	5591.050000	5608.950000

DUT Frequency (MHz)	Result
5600.000000	PASS

99 %Bandwidth



Bandwidth



Emission Bandwidth 26 dB (5720 MHz; 30.000 dBm; 20 MHz)

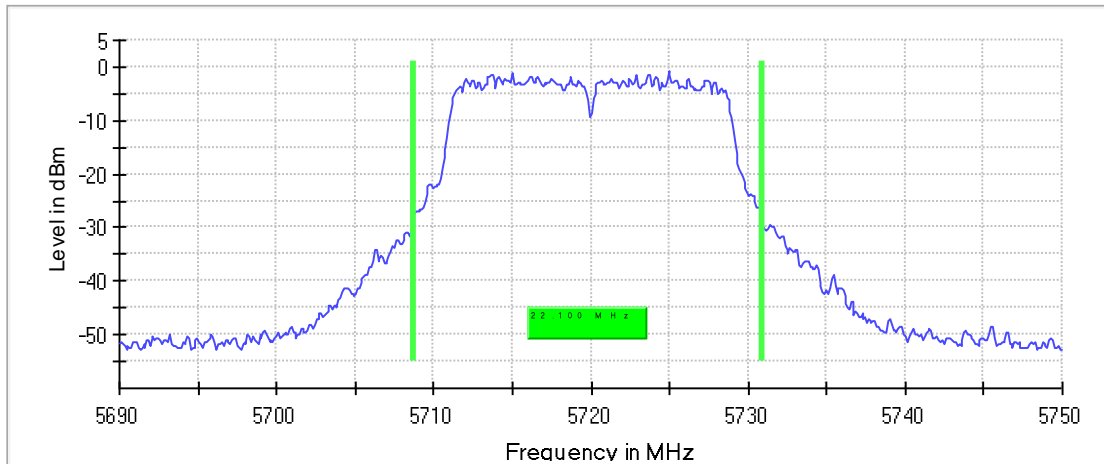
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5720.000000	22.100000	16.250000	5.850000	---	---

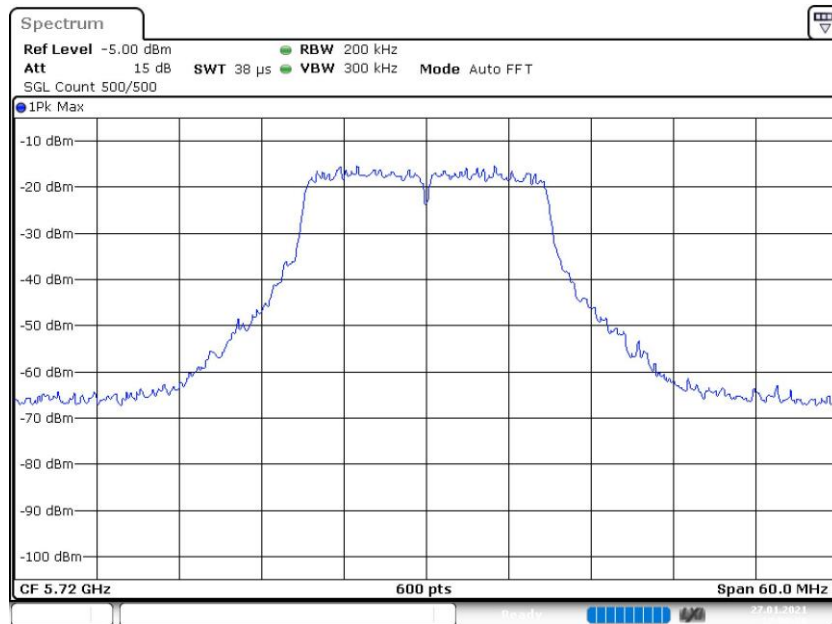
DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5720.000000	5708.750000	5730.850000	-0.9	PASS



26 dB Bandwidth



Bandwidth



Date: 27.JAN.2021 12:08:49

**RF output power (5720 MHz; 30.000 dBm; 20 MHz)**

**Result**

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5720.000000	15.5	16.0	29.5	96.453	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 (5720 MHz; 30.000 dBm; 20 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5720.000000	5715.643564	1.493	3.0	PASS

### Ports

Port	State
1	used
2	used

### Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.71000 GHz	5.71000 GHz
Stop Frequency	5.73000 GHz	5.73000 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	3.788 $\mu$ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

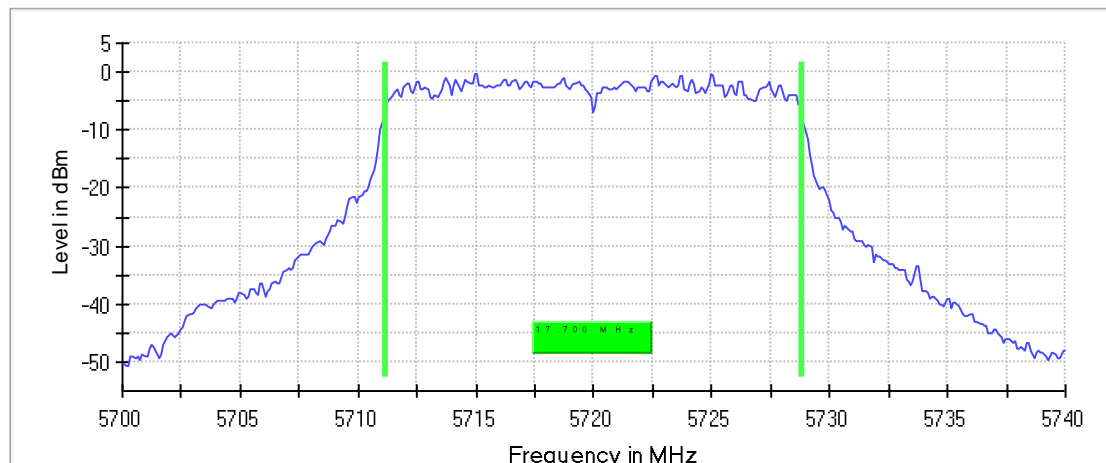
## Occupied Channel Bandwidth 99% (5720 MHz; 30.000 dBm; 20 MHz)

### 99 % Bandwidth

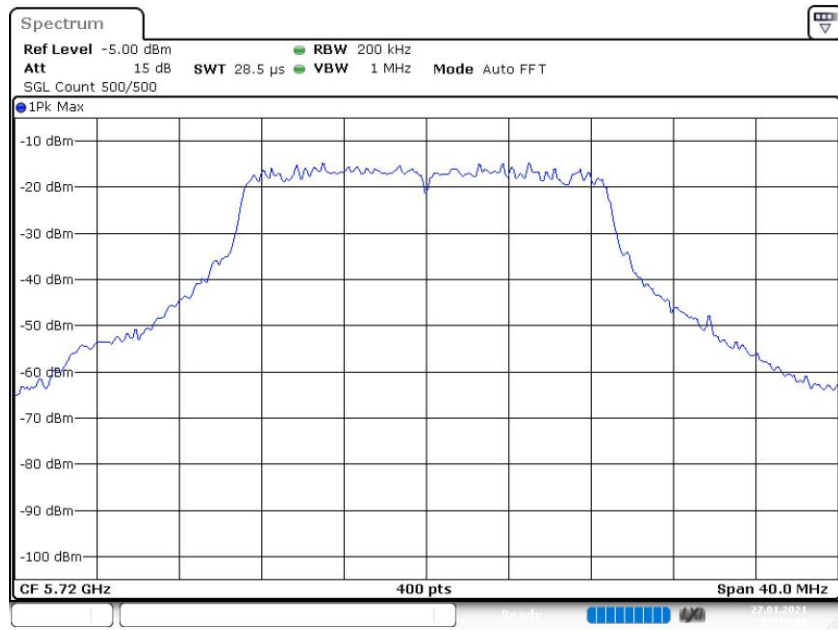
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5720.000000	17.700000	13.850000	3.850000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5720.000000	5711.150000	5728.850000	PASS

99 %Bandwidth



# Bandwidth



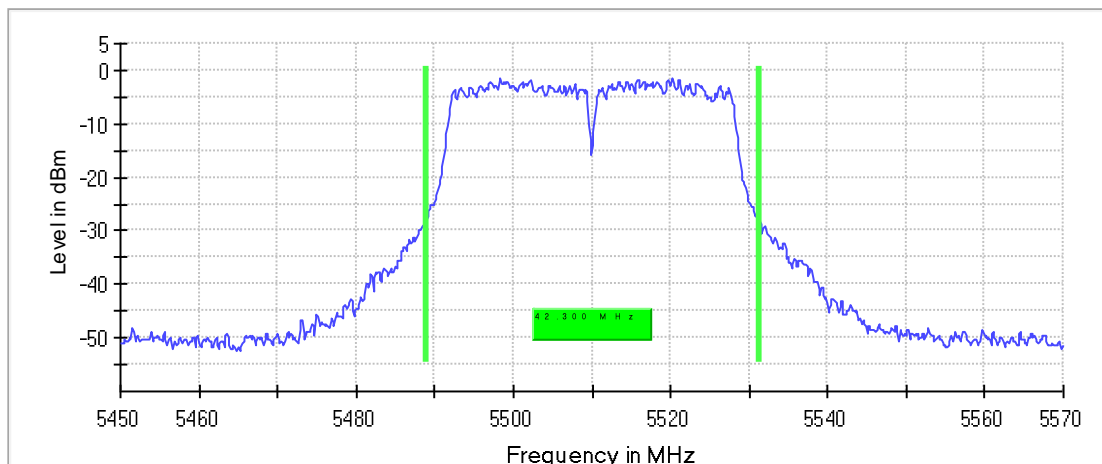
## Emission Bandwidth 26 dB (5510 MHz; 30.000 dBm; 40 MHz)

### 26 dB Bandwidth

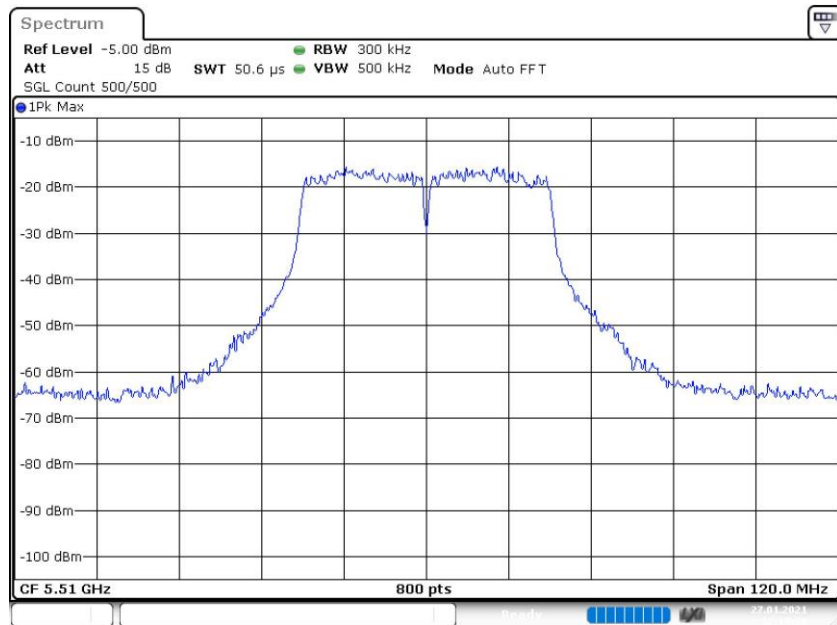
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5510.000000	42.300000	---	---	5488.925000	5531.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5510.000000	-1.4	PASS

26 dB Bandwidth



# Bandwidth



Date: 27.JAN.2021 12:10:58

## RF output power (5510 MHz; 30.000 dBm; 40 MHz)

### Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5510.000000	15.5	16.0	29.5	92.715	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

## Power Spectral Density (5510 MHz; 30.000 dBm; 40 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5510.000000	5519.504950	-1.112	3.0	PASS

## Ports

Port	State
1	used
2	used

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.49000 GHz	5.49000 GHz
Stop Frequency	5.53000 GHz	5.53000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
SweepTime	5.681 μs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO

Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	FFT	AUTO
Preamp	off	off

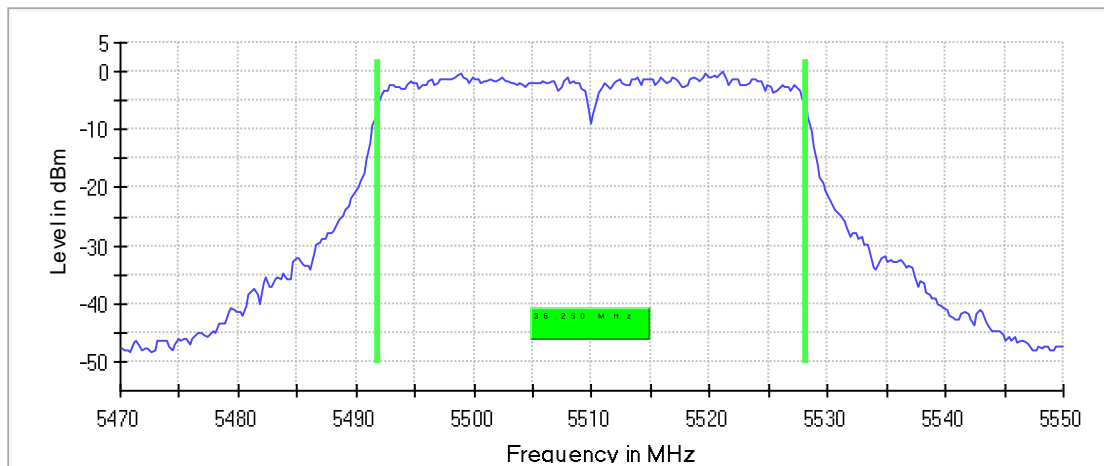
## Occupied Channel Bandwidth 99% (5510 MHz; 30.000 dBm; 40 MHz)

### 99 % Bandwidth

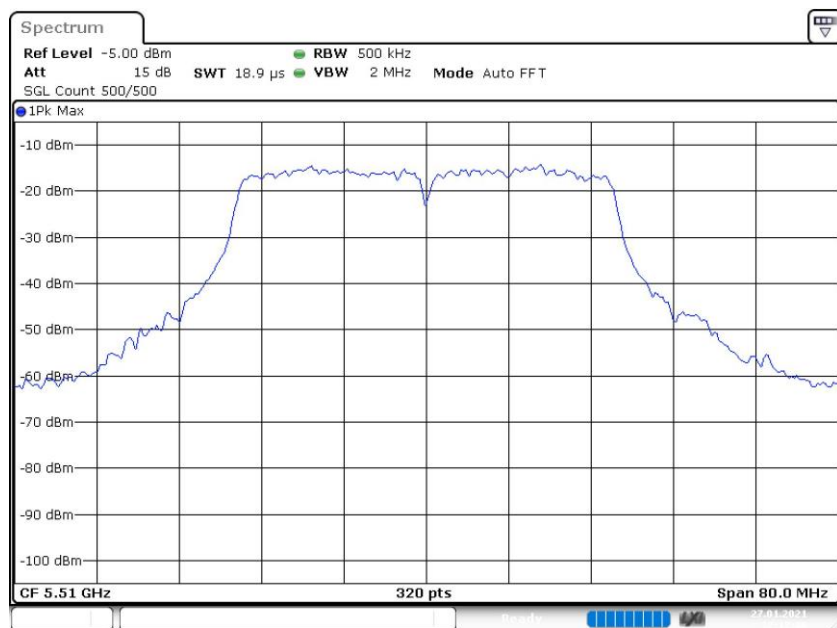
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5510.000000	36.250000	---	---	5491.875000	5528.125000

DUT Frequency (MHz)	Result
5510.000000	PASS

99 %Bandwidth



### Bandwidth



Date: 27.JAN.2021 12:12:48

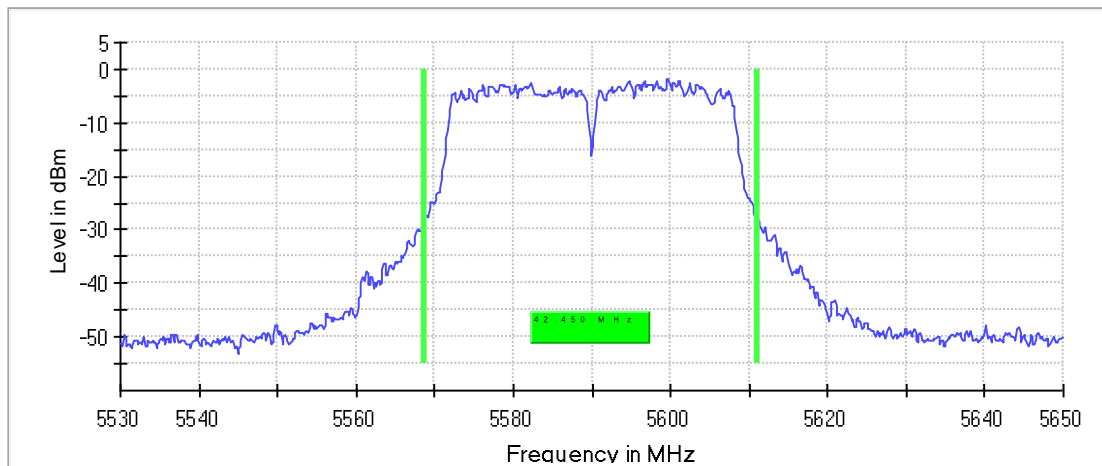
# Emission Bandwidth 26 dB (5590 MHz; 30.000 dBm; 40 MHz)

## 26 dB Bandwidth

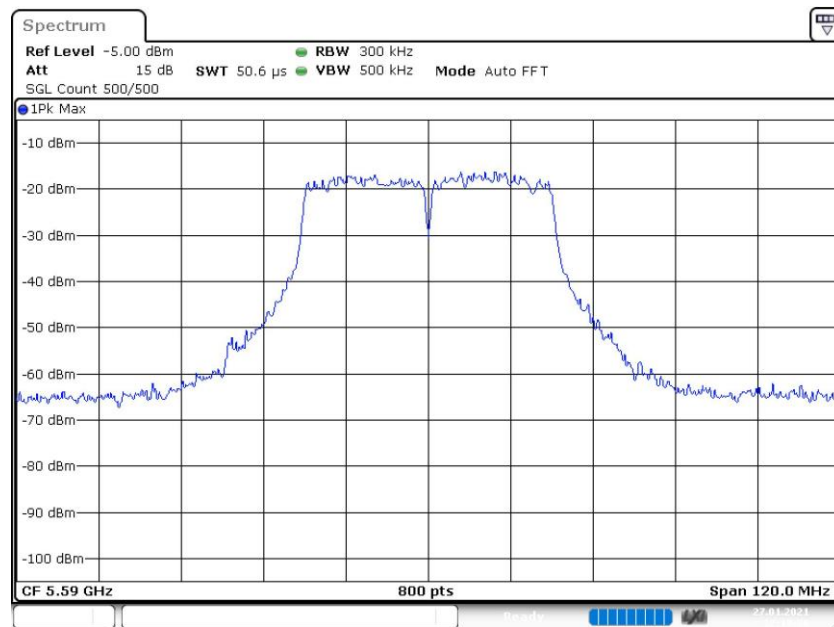
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5590.000000	42.450000	---	---	5568.625000	5611.075000

DUT Frequency (MHz)	Max Level (dBm)	Result
5590.000000	-1.9	PASS

26 dB Bandwidth



## Bandwidth



## RF output power (5590 MHz; 30.000 dBm; 40 MHz)

### Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5590.000000	15.8	16.0	29.8	92.206	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

## Power Spectral Density (5590 MHz; 30.000 dBm; 40 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5590.000000	5578.514851	-1.215	3.0	PASS

### Ports

Port	State
1	used
2	used

### Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.57000 GHz	5.57000 GHz
Stop Frequency	5.61000 GHz	5.61000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
SweepTime	5.681 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

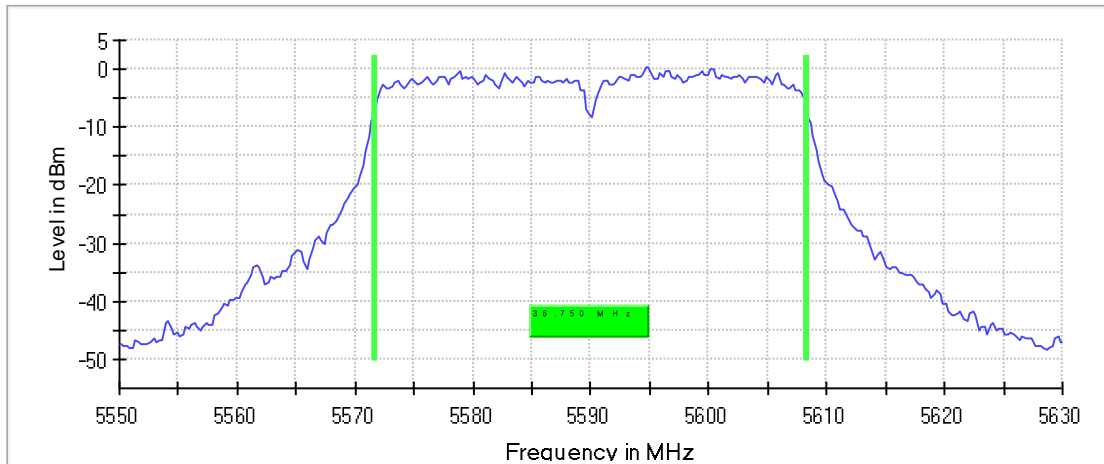
## Occupied Channel Bandwidth 99% (5590 MHz; 30.000 dBm; 40 MHz)

### 99 % Bandwidth

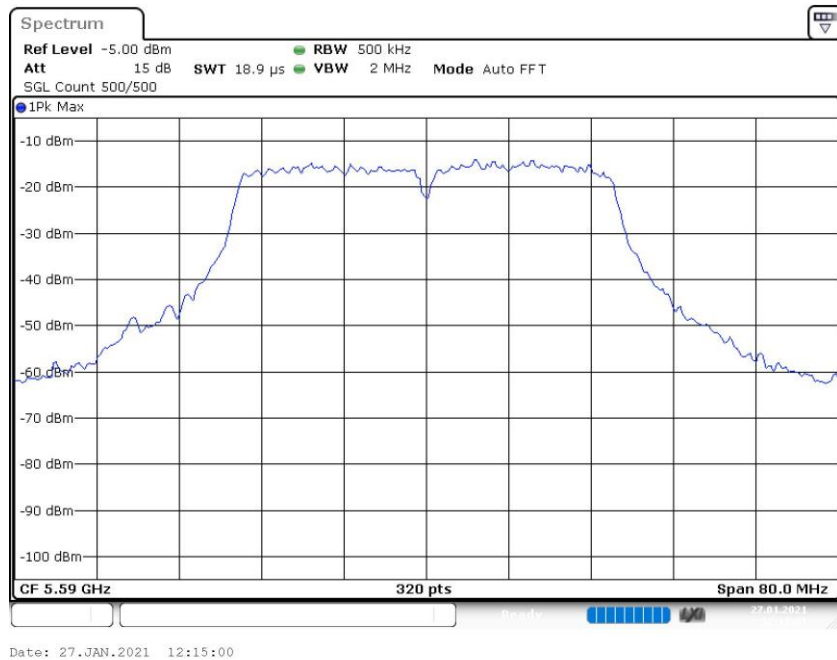
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5590.000000	36.750000	---	---	5571.625000	5608.375000

DUT Frequency (MHz)	Result
5590.000000	PASS

99 %Bandwidth



Bandwidth



**Emission Bandwidth 26 dB (5710 MHz; 30.000 dBm; 40 MHz)**

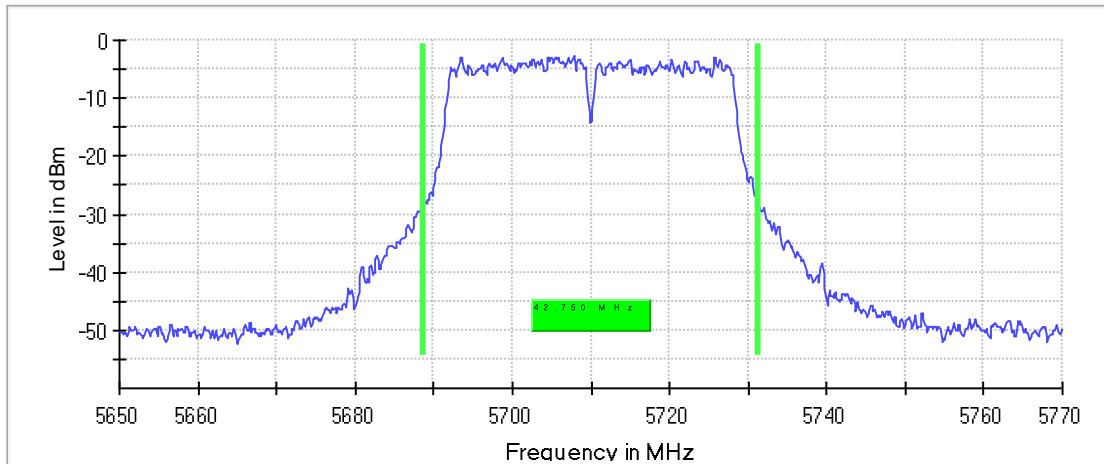
**26 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5710.000000	42.750000	36.375000	6.375000	---	---

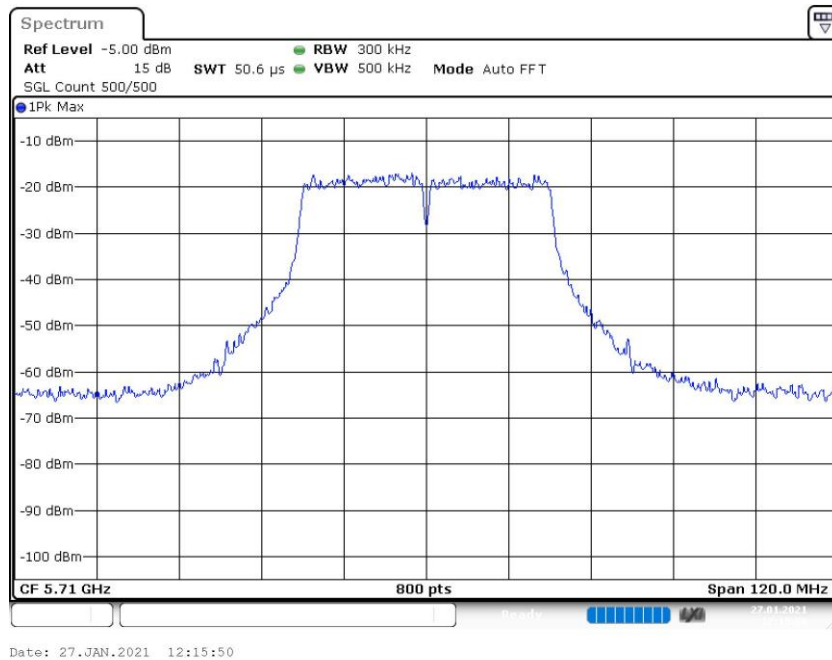
DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5710.000000	5688.625000	5731.375000	-2.5	PASS



26 dB Bandwidth



Bandwidth



**RF output power (5710 MHz; 30.000 dBm; 40 MHz)**

**Result**

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5710.000000	15.3	16.0	29.3	92.487	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 (5710 MHz; 30.000 dBm; 40 MHz)**

## Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5710.000000	5697.722772	-1.749	3.0	PASS

## Ports

Port	State
1	used
2	used

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.69000 GHz	5.69000 GHz
Stop Frequency	5.73000 GHz	5.73000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
Sweptime	5.681 $\mu$ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

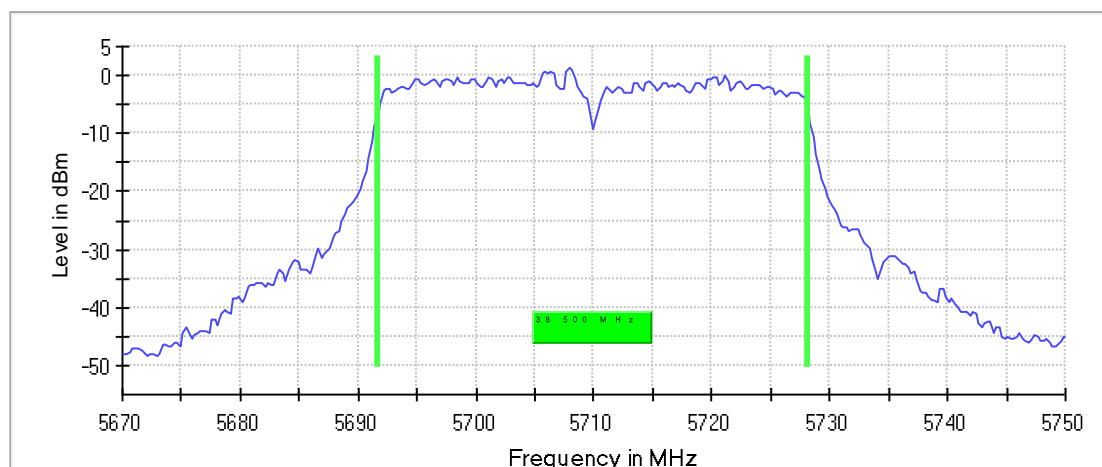
**Occupied Channel Bandwidth 99% (5710 MHz; 30.000 dBm; 40 MHz)**

## 99 % Bandwidth

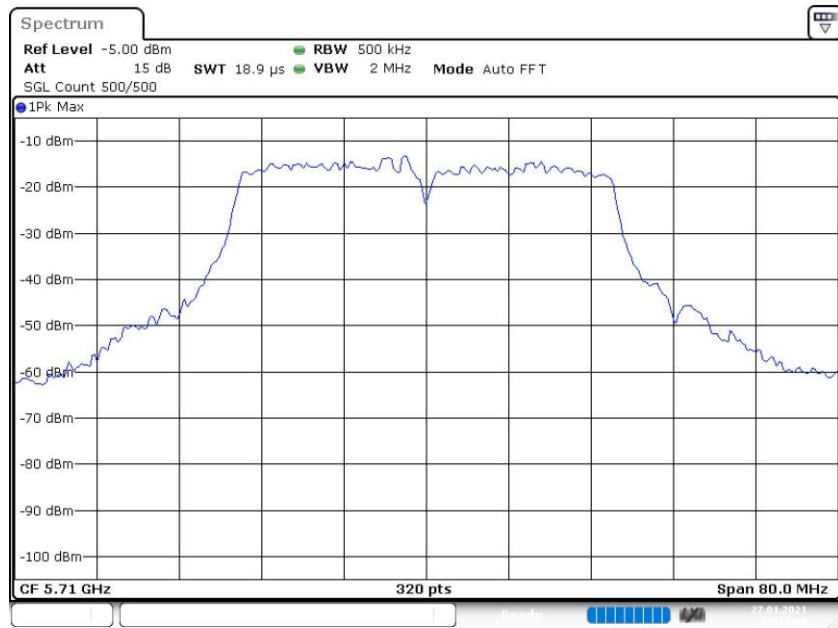
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5710.000000	36.500000	33.375000	3.125000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5710.000000	5691.625000	5728.125000	PASS

99 %Bandwidth



Bandwidth



Date: 27.JAN.2021 12:17:36

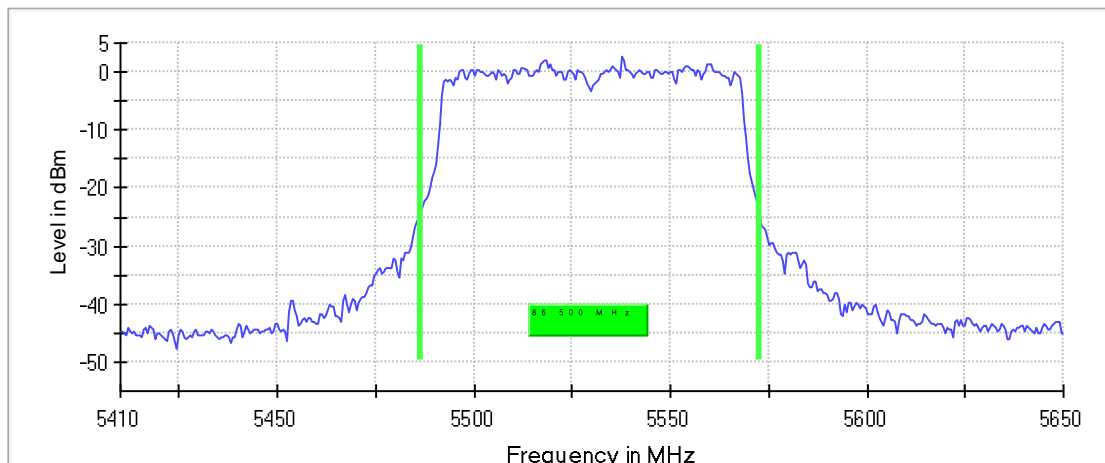
## Emission Bandwidth 26 dB (5530 MHz; 30.000 dBm; 80 MHz)

### 26 dB Bandwidth

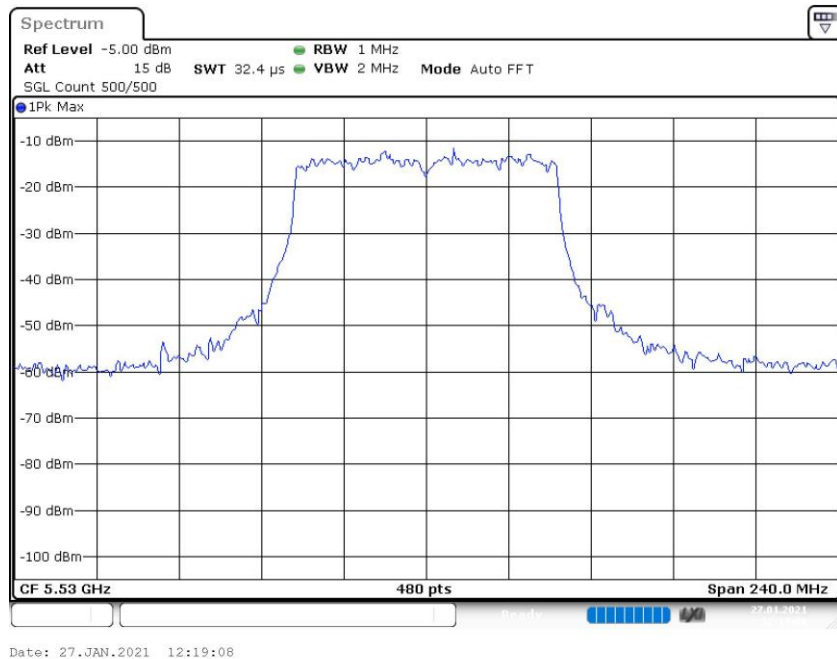
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5530.000000	86.500000	---	---	5486.250000	5572.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5530.000000	2.8	PASS

26 dB Bandwidth



Bandwidth



## RF output power (5530 MHz; 30.000 dBm; 80 MHz)

### Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5530.000000	16.0	16.0	30.0	86.194	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

## Power Spectral Density (5530 MHz; 30.000 dBm; 80 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5530.000000	5535.250000	-4.339	3.0	PASS

## Ports

Port	State
1	used
2	used

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.49000 GHz	5.49000 GHz
Stop Frequency	5.57000 GHz	5.57000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	160	~ 160
SweepTime	11.438 μs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO

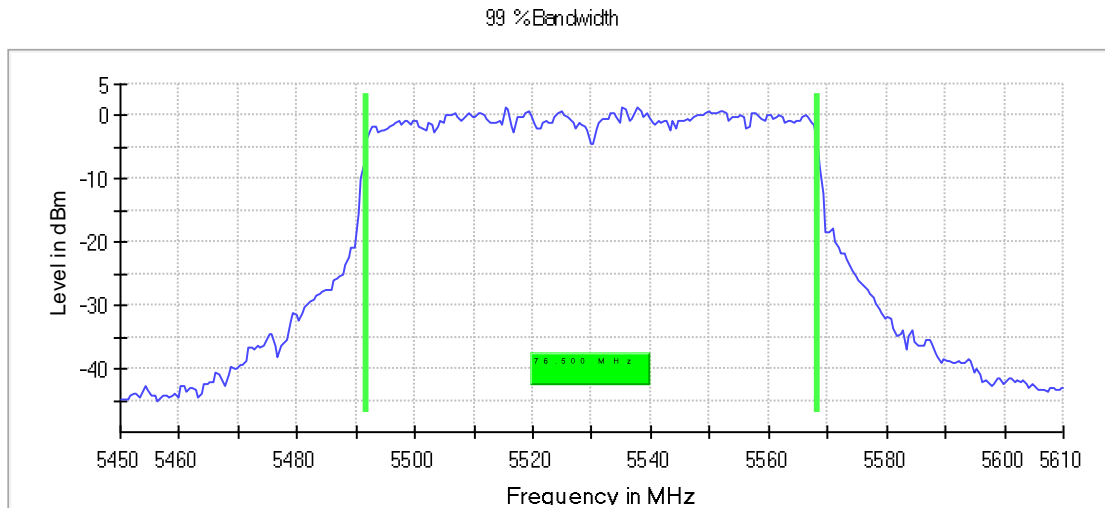
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	FFT	AUTO
Preamp	off	off

## Occupied Channel Bandwidth 99% (5530 MHz; 30.000 dBm; 80 MHz)

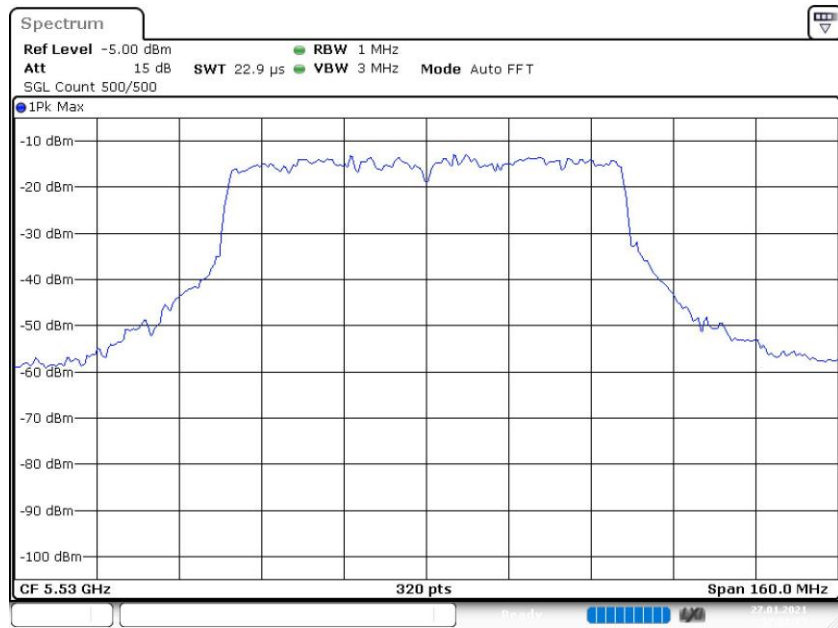
### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5530.000000	76.500000	---	---	5491.750000	5568.250000

DUT Frequency (MHz)	Result
5530.000000	PASS



Bandwidth



Date: 27.JAN.2021 12:21:15

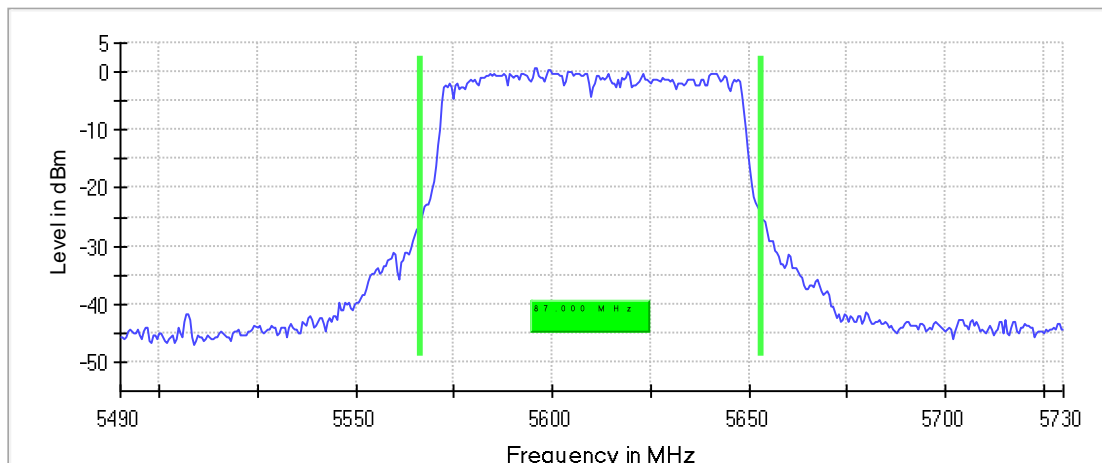
## Emission Bandwidth 26 dB (5610 MHz; 30.000 dBm; 80 MHz)

### 26 dB Bandwidth

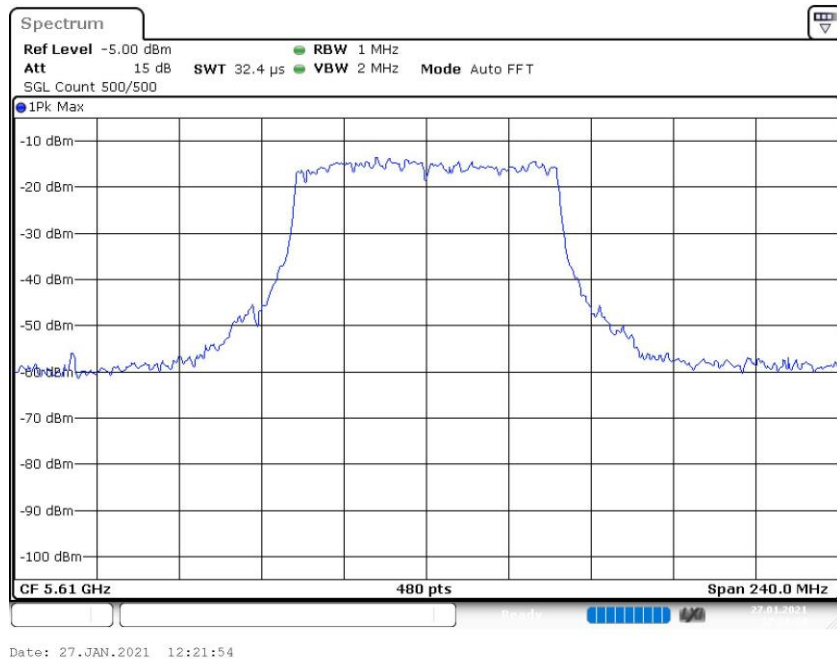
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5610.000000	87.000000	---	---	5566.250000	5653.250000

DUT Frequency (MHz)	Max Level (dBm)	Result
5610.000000	0.8	PASS

26 dB Bandwidth



Bandwidth



## RF output power (5610 MHz; 30.000 dBm; 80 MHz)

### Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5610.000000	15.6	16.0	29.6	85.553	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 (5610 MHz; 30.000 dBm; 80 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5610.000000	5592.750000	-4.960	3.0	PASS

## Ports

Port	State
1	used
2	used

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.57000 GHz	5.57000 GHz
Stop Frequency	5.65000 GHz	5.65000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	$\leq$ 1.000 MHz
VBW	3.000 MHz	$\geq$ 3.000 MHz
SweepPoints	160	$\sim$ 160
Sweeptime	11.438 $\mu$ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO

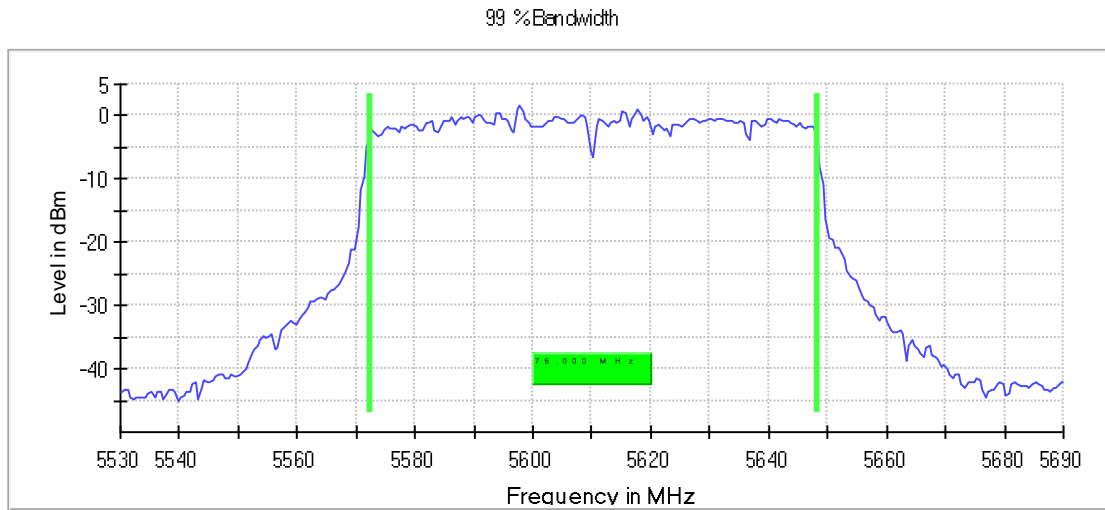
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	FFT	AUTO
Preamp	off	off

## Occupied Channel Bandwidth 99% (5610 MHz; 30.000 dBm; 80 MHz)

### 99 % Bandwidth

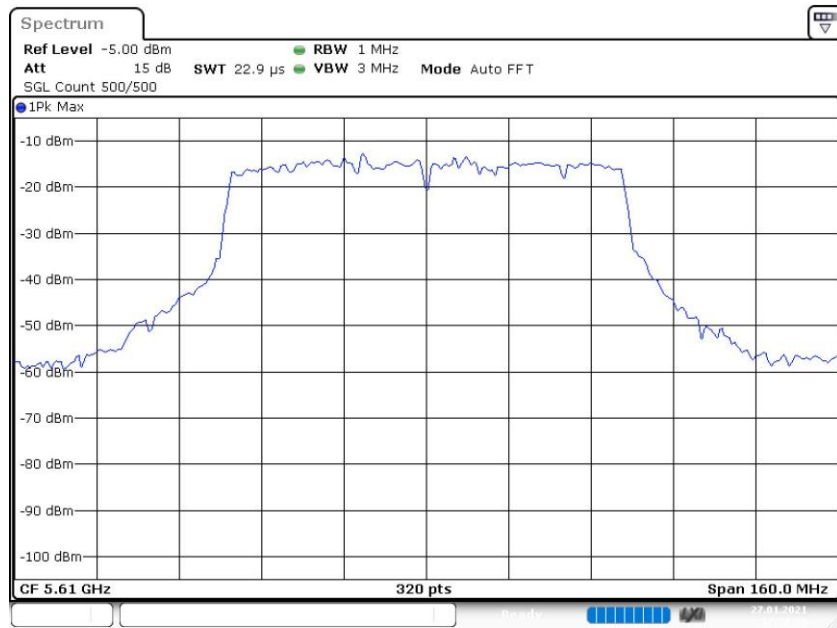
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5610.000000	76.000000	---	---	5572.250000	5648.250000

DUT Frequency (MHz)	Result
5610.000000	PASS



Bandwidth





Date: 27.JAN.2021 12:22:59

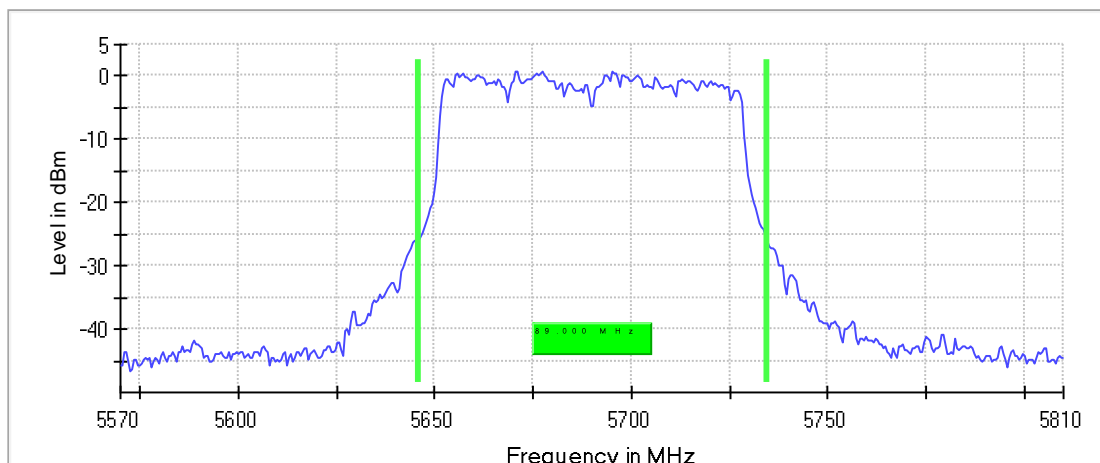
## Emission Bandwidth 26 dB (5690 MHz; 30.000 dBm; 80 MHz)

### 26 dB Bandwidth

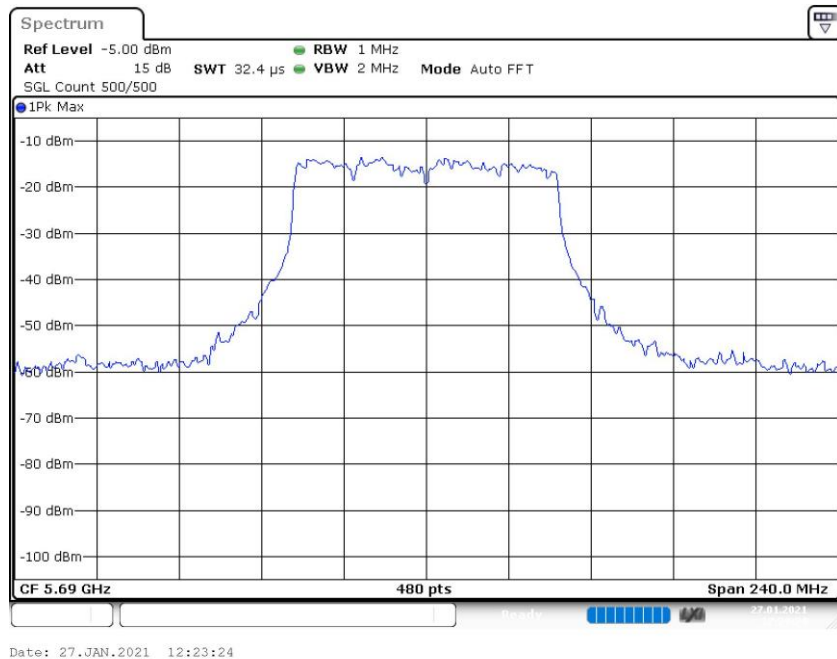
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5690.000000	89.000000	79.250000	9.750000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5690.000000	5645.750000	5734.750000	0.7	PASS

26 dB Bandwidth



Bandwidth



## RF output power (5690 MHz; 30.000 dBm; 80 MHz)

### Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5690.000000	15.5	16.0	29.5	86.206	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 (5690 MHz; 30.000 dBm; 80 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5690.000000	5697.750000	-5.069	3.0	PASS

## Ports

Port	State
1	used
2	used

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.65000 GHz	5.65000 GHz
Stop Frequency	5.73000 GHz	5.73000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	$\leq$ 1.000 MHz
VBW	3.000 MHz	$\geq$ 3.000 MHz
SweepPoints	160	$\sim$ 160
SweepTime	11.438 $\mu$ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO

Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	FFT	AUTO
Preamp	off	off

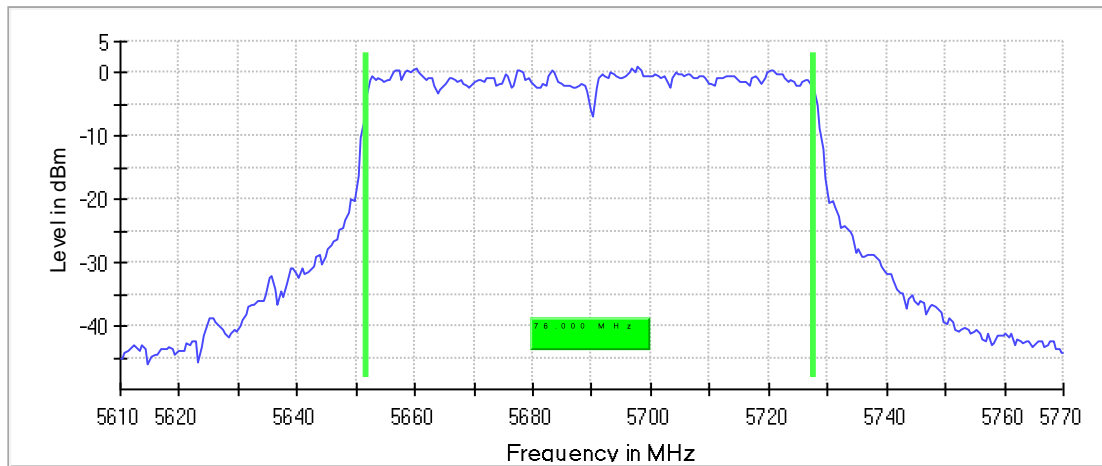
## Occupied Channel Bandwidth 99% (5690 MHz; 30.000 dBm; 80 MHz)

### 99 % Bandwidth

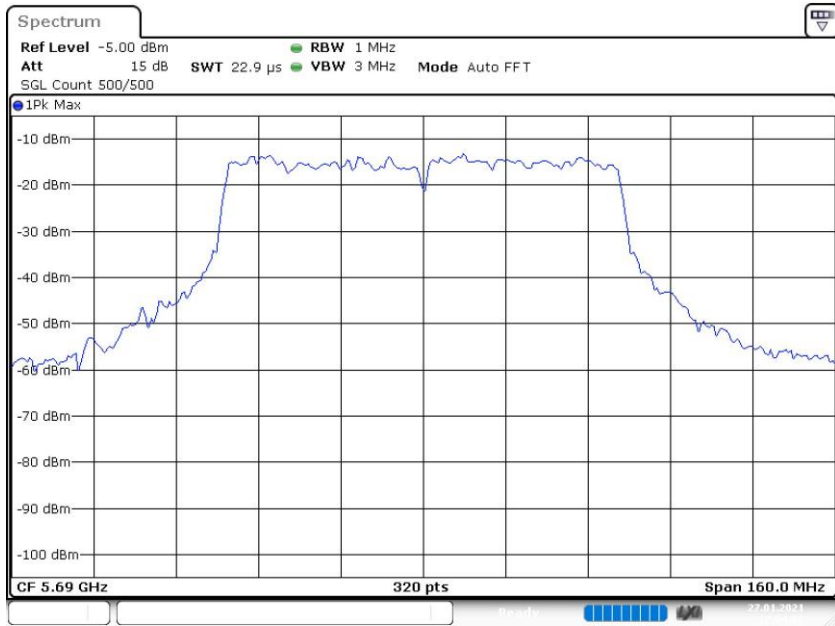
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5690.000000	76.000000	73.250000	2.750000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5690.000000	5651.750000	5727.750000	PASS

99 %Bandwidth



Bandwidth



Date: 27.JAN.2021 12:24:32