



427 West 12800 South  
Draper, UT 84020

## Test Report Attachment

<b>FCC ID</b>	SWX-UKPRO
<b>ISED ID</b>	6545A-UKPRO
<b>Equipment Under Test</b>	U7-Outdoor
<b>Test Report Serial Number</b>	TR8913_01
<b>Date of Test</b>	3 January and 17 April 2024
<b>Report Issue Date</b>	19 April 2024

### Test Personnel

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

Testing was performed at the Unified Compliance Laboratory located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2024. 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 2024. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



# 1 UNII-2c

## 1.1 Internal Antenna

### 1.1.1 Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5500.000	24.0	20.000000	PASS
RF output power	5500.000	24.0	20.000000	PASS
Power Spectral Density	5500.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5500.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5600.000	24.0	20.000000	PASS
Power Spectral Density	5600.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5600.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5720.000	24.0	20.000000	PASS
Power Spectral Density	5720.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5720.000	24.0	20.000000	PASS
Emission Bandwidth 26 dB	5510.000	24.0	40.000000	PASS
Power Spectral Density	5510.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5510.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5590.000	24.0	40.000000	PASS
Power Spectral Density	5590.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5590.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5710.000	24.0	40.000000	PASS
Power Spectral Density	5710.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5710.000	24.0	40.000000	PASS
Emission Bandwidth 26 dB	5530.000	24.0	80.000000	PASS
Power Spectral Density	5530.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5530.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5610.000	24.0	80.000000	PASS
Power Spectral Density	5610.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5610.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5690.000	24.0	80.000000	PASS
Power Spectral Density	5690.000	24.0	80.000000	PASS
Occupied Channel Bandwidth 99%	5690.000	24.0	80.000000	PASS
Emission Bandwidth 26 dB	5570.000	24.0	160.000000	PASS
Power Spectral Density	5570.000	24.0	160.000000	PASS
Occupied Channel Bandwidth 99%	5570.000	24.0	160.000000	PASS

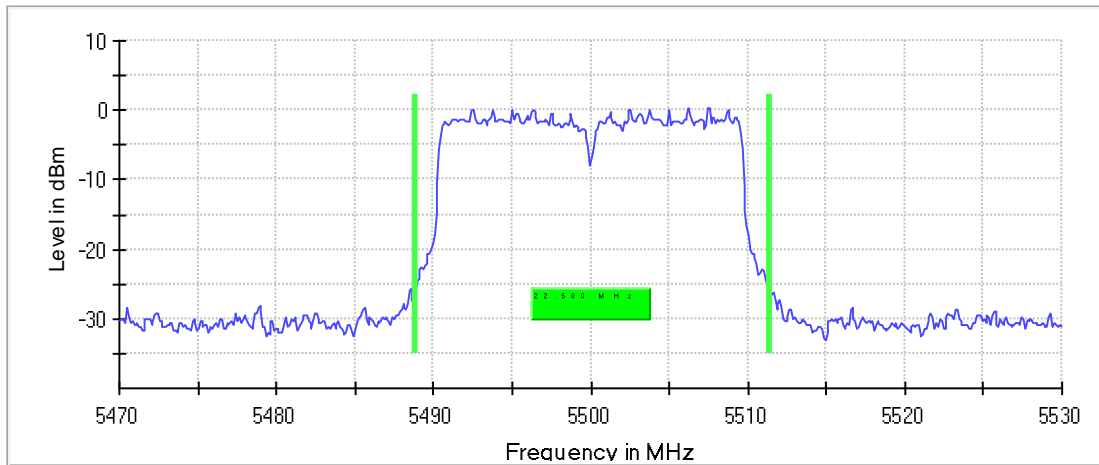
**Emission Bandwidth 26 dB (5500 MHz; 24.000 dBm; 20 MHz)**

**26 dB Bandwidth**

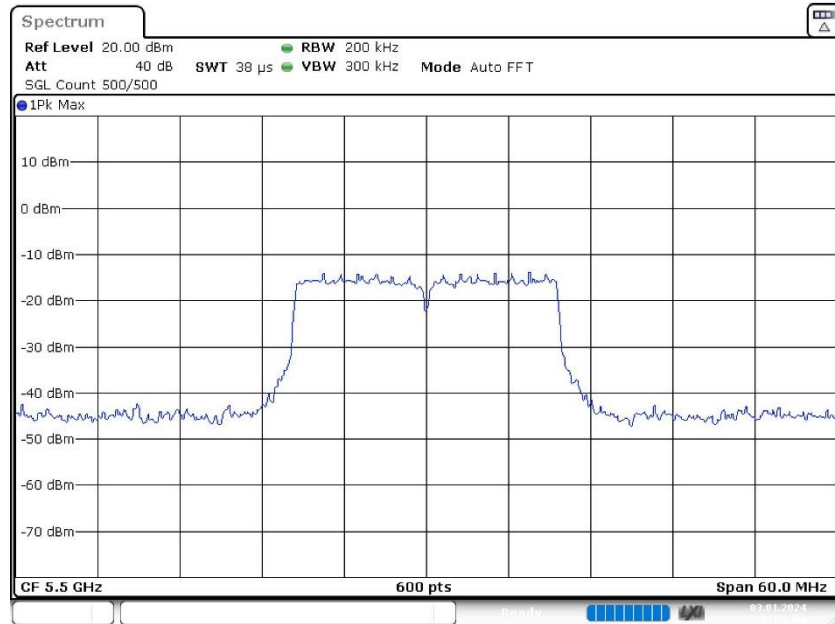
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5500.000000	22.500000	---	---	5488.850000	5511.350000

DUT Frequency (MHz)	Max Level (dBm)	Result
5500.000000	0.4	PASS

26 dB Bandwidth



Bandwidth



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## 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	20.000 dBm	20.000 dBm
Attenuation	40.000 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; 24.000 dBm; 20 MHz)

### Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5500.000000	17.4	24.0	17.4	99.725	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
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## Power Spectral Density (5500 MHz; 24.000 dBm; 20 MHz)

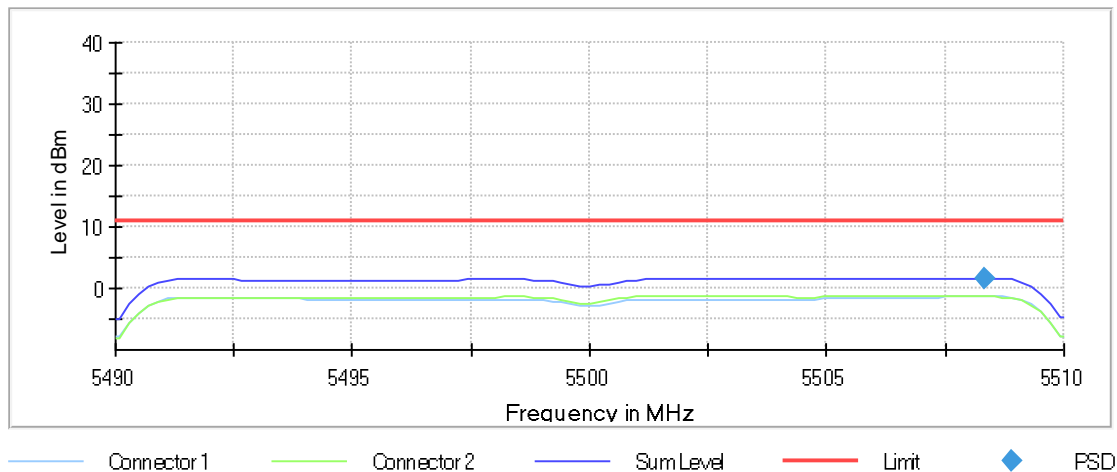
### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5500.000000	5508.316832	1.687	11.0	PASS

### Ports

Port	State
1	used
2	used

Power Spectral Density



### Measurement

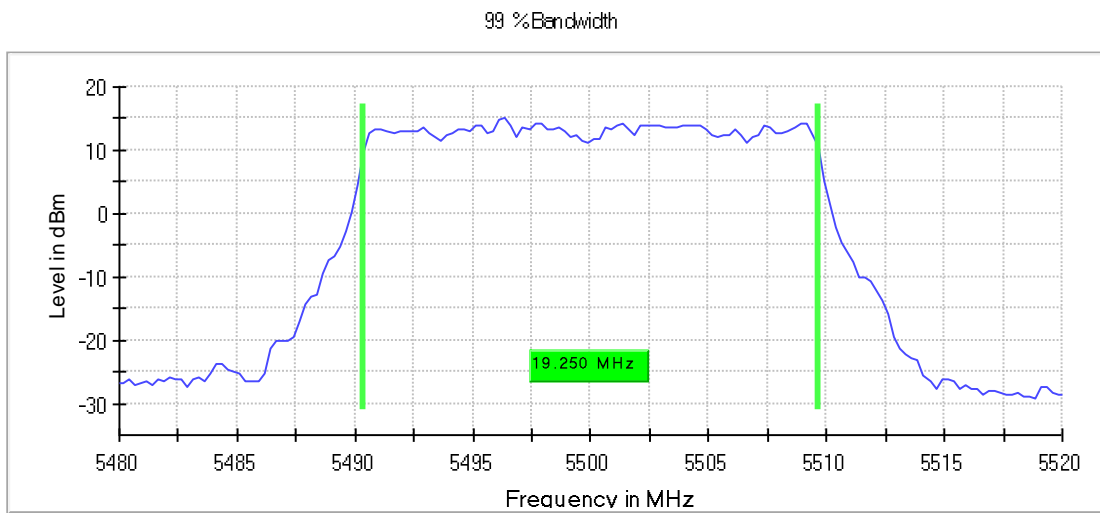
Setting	Instrument Value	Target Value
Start Frequency	5.49000 GHz	5.49000 GHz
Stop Frequency	5.51000 GHz	5.51000 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	$\leq$ 1.000 MHz
VBW	3.000 MHz	$\geq$ 3.000 MHz
SweepPoints	101	$\sim$ 40
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

**Occupied Channel Bandwidth 99% (5500 MHz; 24.000 dBm; 20 MHz)**

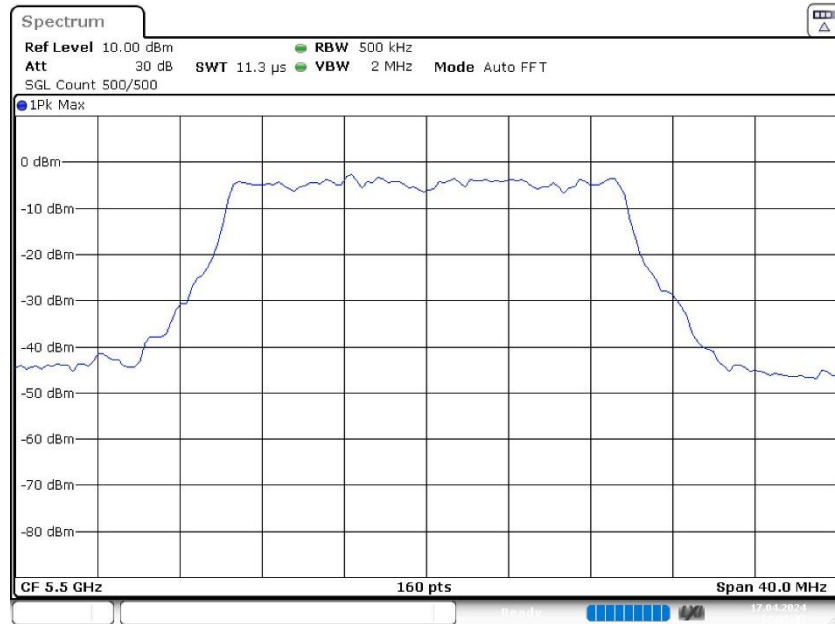
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5500.000000	19.250000	---	---	5490.375000	5509.625000

DUT Frequency (MHz)	Result
5500.000000	PASS



Bandwidth



Date: 17.APR.2024 02:55:46

## Measurement

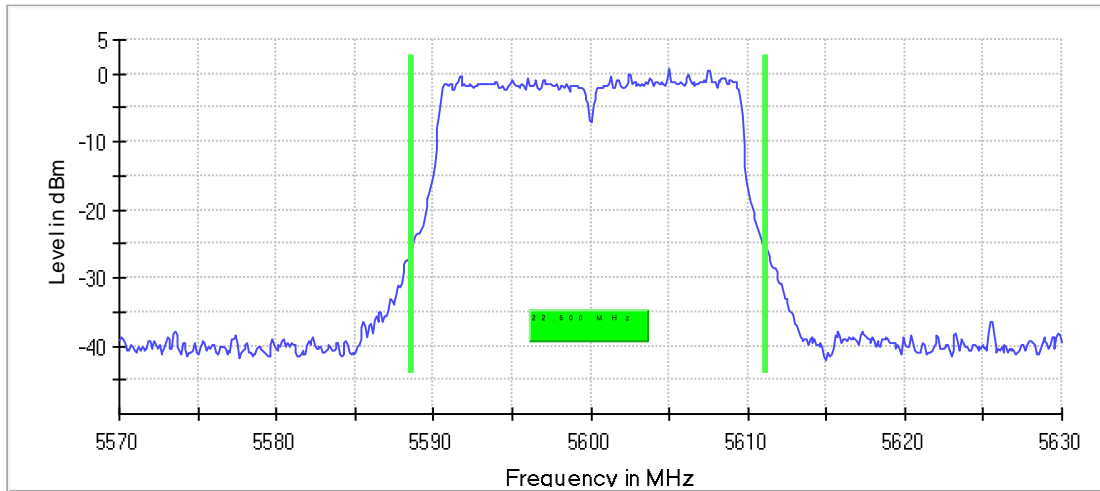
Setting	Instrument Value	Target Value
Start Frequency	5.48000 GHz	5.48000 GHz
Stop Frequency	5.52000 GHz	5.52000 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweeptime	11.344 $\mu$ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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; 24.000 dBm; 20 MHz)

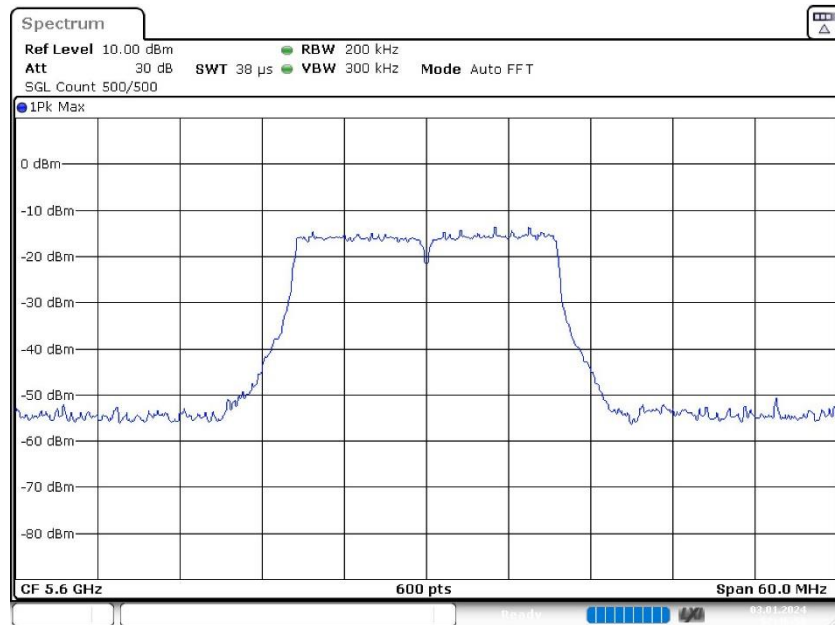
### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	22.500000	---	---	5588.650000	5611.150000

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



**Bandwidth**



Date: 3.JAN.2024 02:46:50

**Power Spectral Density (5600 MHz; 24.000 dBm; 20 MHz)**

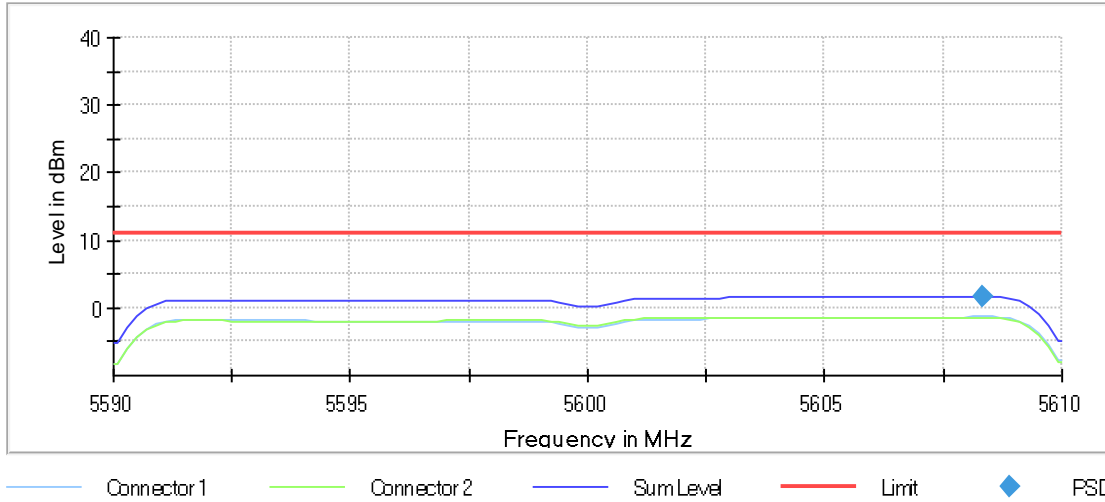
**Result**

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5600.000000	5608.316832	1.623	11.0	PASS



**Ports**

Port	State
1	used
2	used

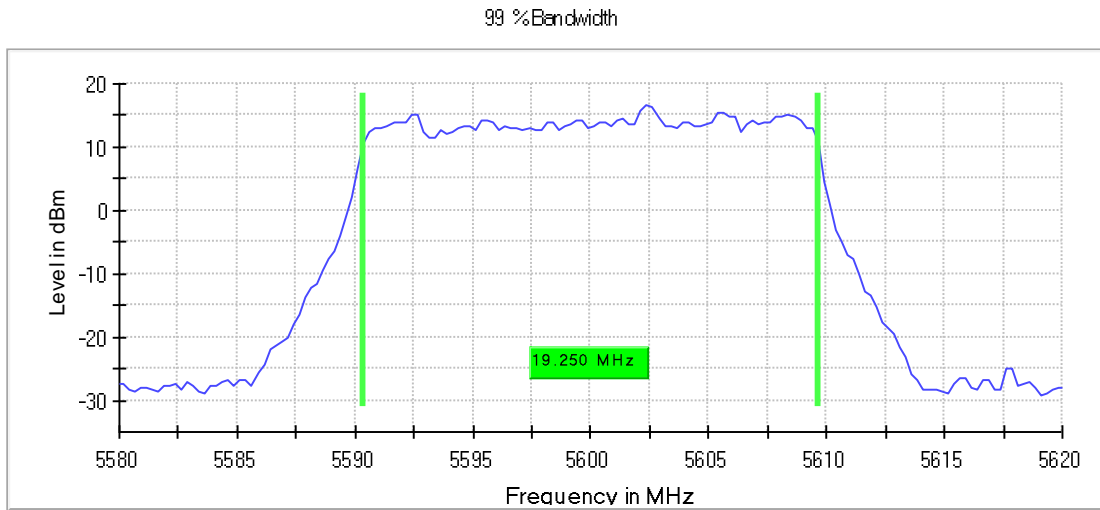


**Occupied Channel Bandwidth 99% (5600 MHz; 24.000 dBm; 20 MHz)**

**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5600.000000	19.250000	---	---	5590.375000	5609.625000

DUT Frequency (MHz)	Result
5600.000000	PASS



**Bandwidth**



**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	5.58000 GHz	5.58000 GHz
Stop Frequency	5.62000 GHz	5.62000 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160

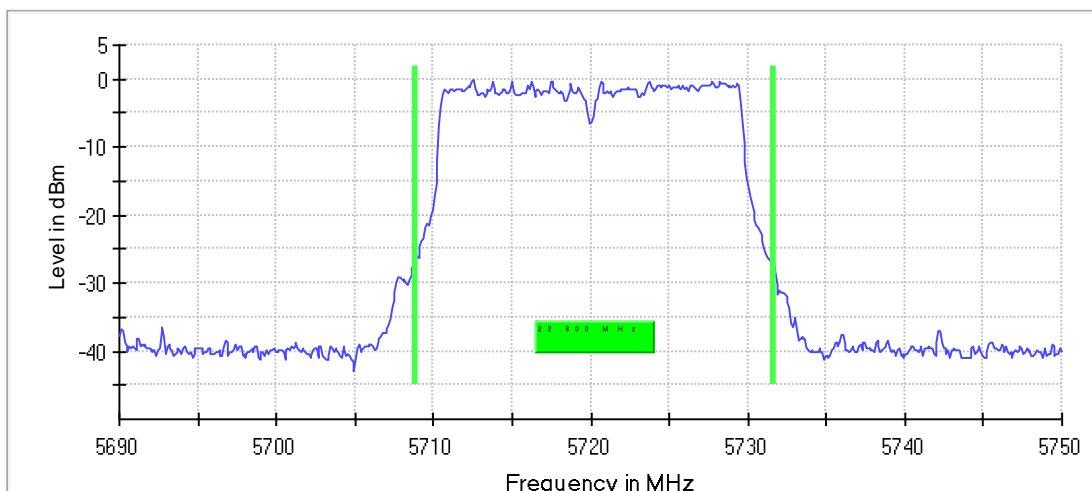
SweepTime	11.344 $\mu$ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

## Emission Bandwidth 26 dB (5720 MHz; 24.000 dBm; 20 MHz)

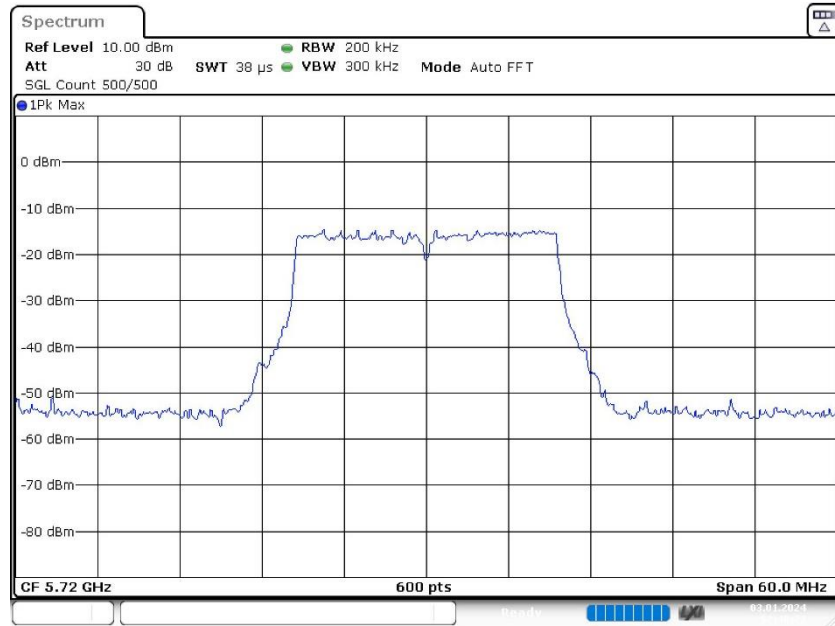
### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5720.000000	22.800000	16.150000	6.650000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5720.000000	5708.850000	5731.650000	-0.2	PASS



Bandwidth



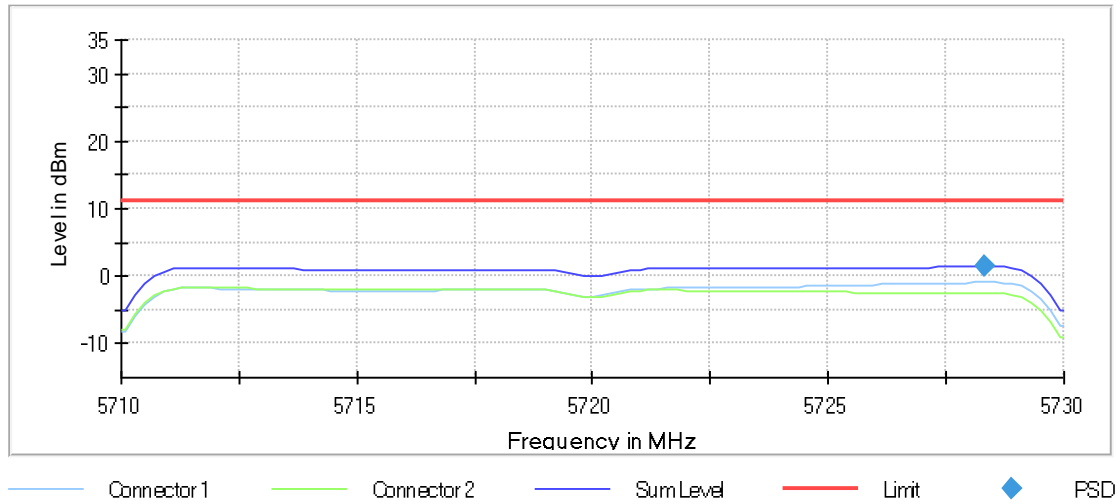
## Power Spectral Density (5720 MHz; 24.000 dBm; 20 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5720.000000	5728.316832	1.418	11.0	PASS

### Ports

Port	State
1	used
2	used



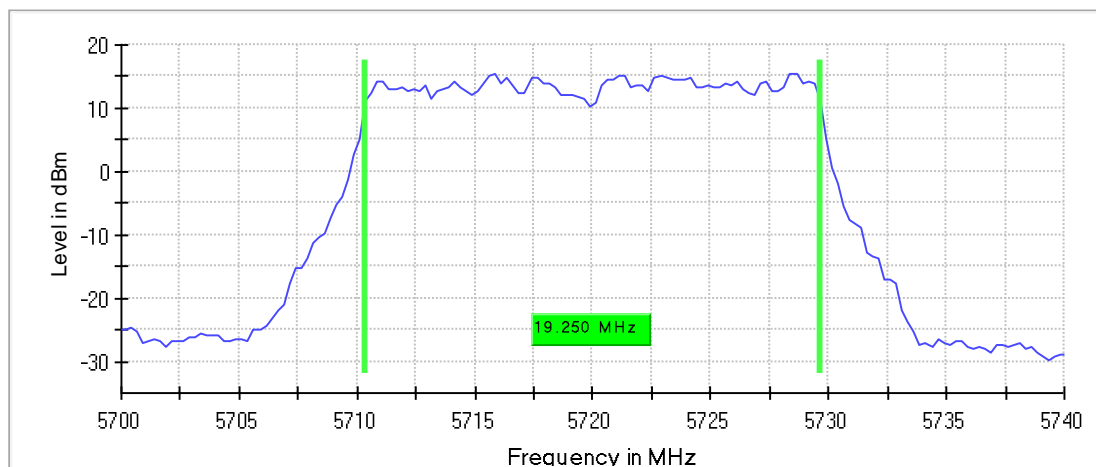
**Occupied Channel Bandwidth 99% (5720 MHz; 24.000 dBm; 20 MHz)**

**99 % Bandwidth**

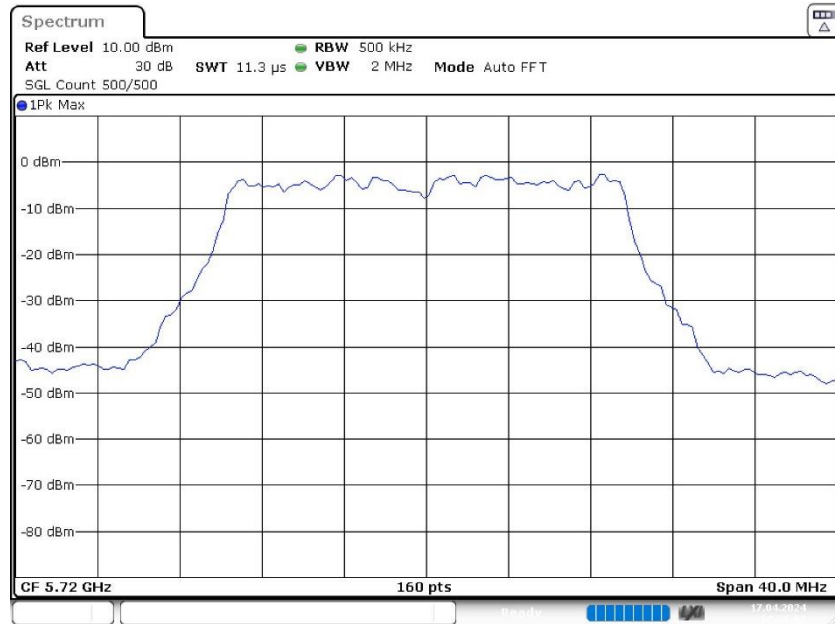
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5720.000000	19.250000	14.625000	4.625000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5720.000000	5710.375000	5729.625000	PASS

99 % Bandwidth



Bandwidth



Date: 17.APR.2024 02:57:03

### Measurement

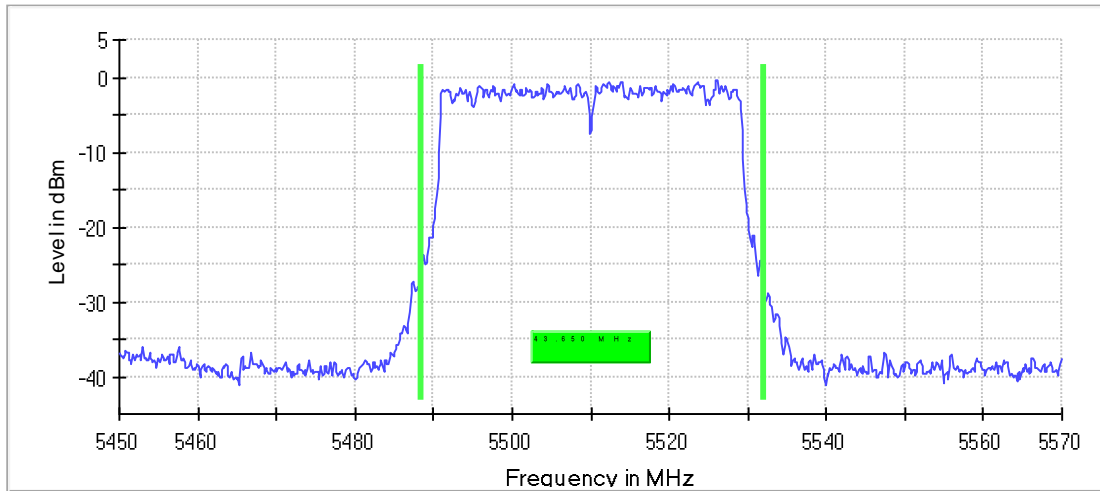
Setting	Instrument Value	Target Value
Start Frequency	5.70000 GHz	5.70000 GHz
Stop Frequency	5.74000 GHz	5.74000 GHz
Span	40.000 MHz	40.000 MHz
RBW	500.000 kHz	>= 500.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	160	~ 160
Sweptime	11.344 $\mu$ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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 (5510 MHz; 24.000 dBm; 40 MHz)

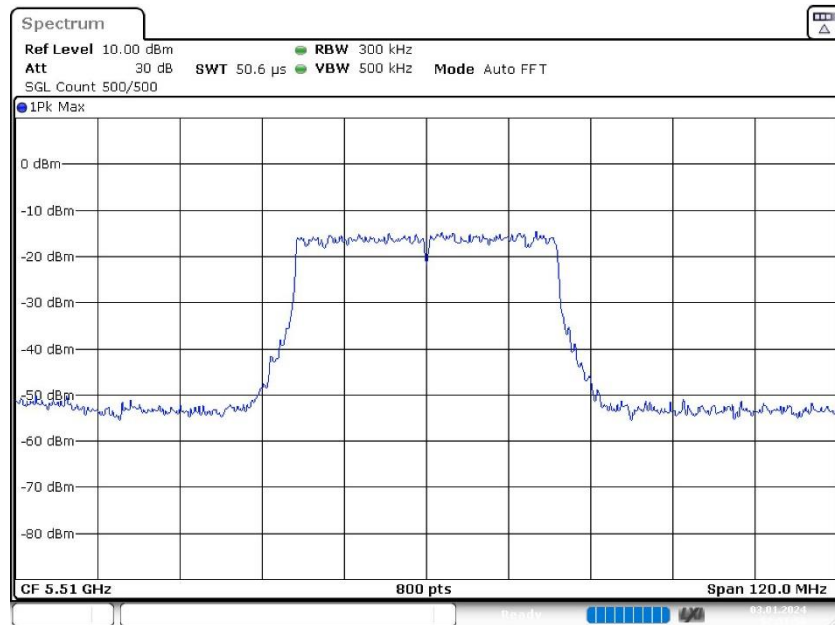
#### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5510.000000	43.650000	---	---	5488.325000	5531.975000

DUT Frequency (MHz)	Max Level (dBm)	Result
5510.000000	-0.4	PASS



**Bandwidth**



Date: 3.JAN.2024 02:51:59

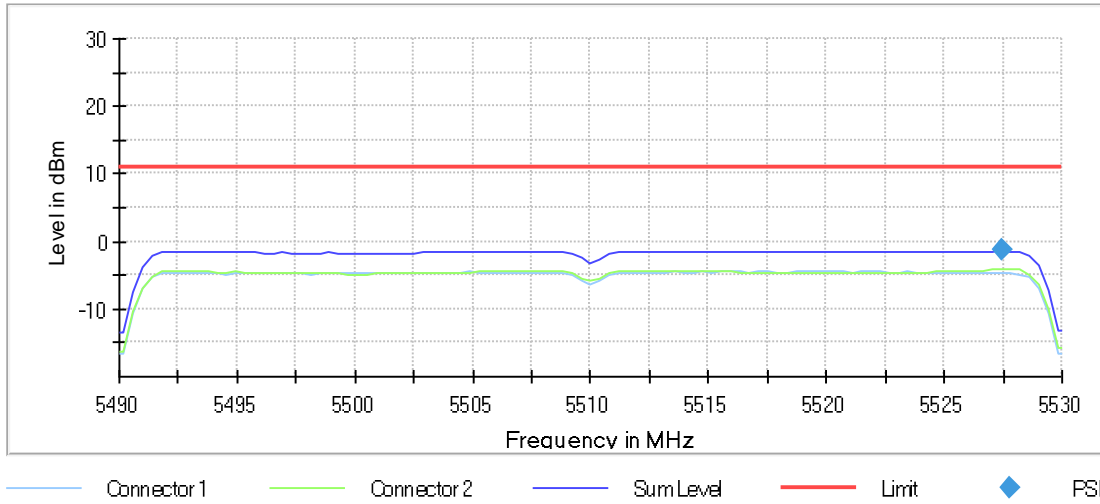
**Power Spectral Density (5510 MHz; 24.000 dBm; 40 MHz)**

**Result**

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5510.000000	5527.425743	-1.391	11.0	PASS

**Ports**

Port	State
1	used
2	used



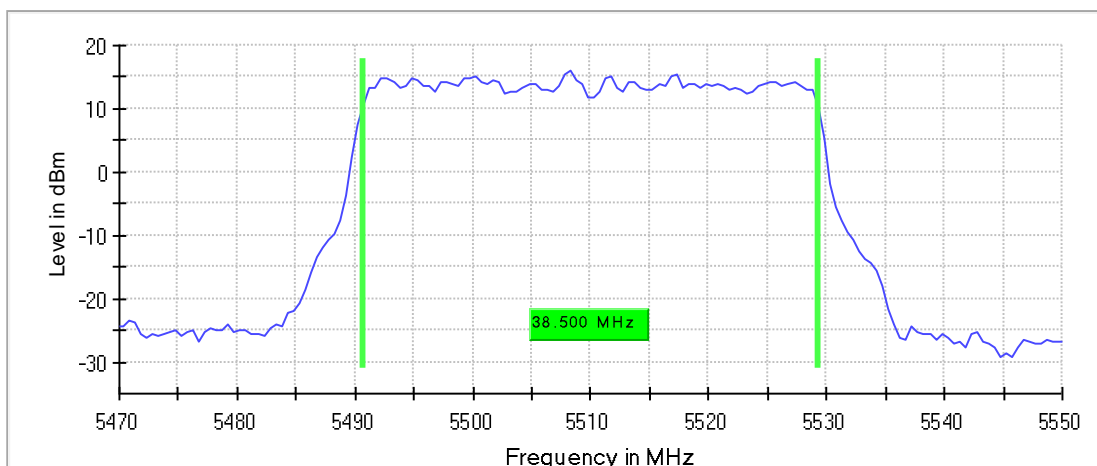
**Occupied Channel Bandwidth 99% (5510 MHz; 24.000 dBm; 40 MHz)**

**99 % Bandwidth**

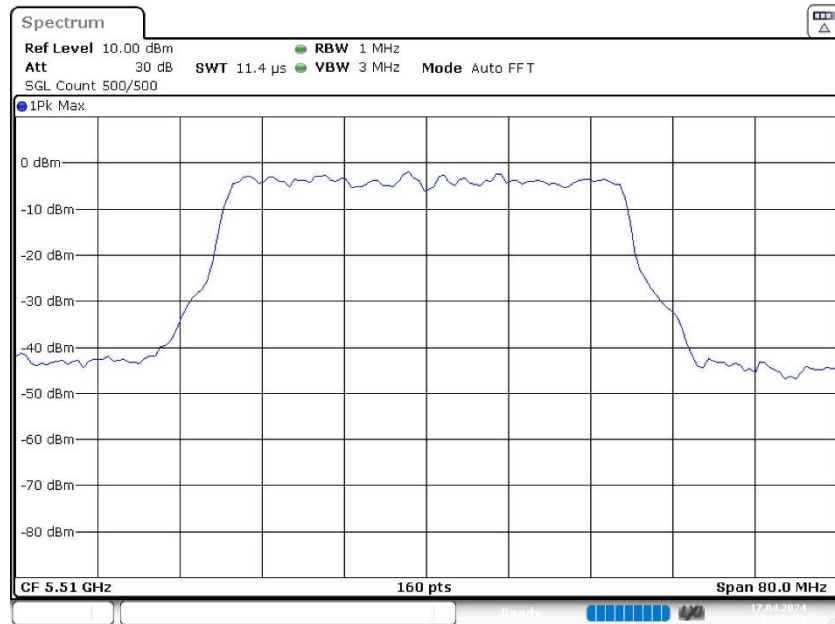
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5510.000000	38.500000	---	---	5490.750000	5529.250000

DUT Frequency (MHz)	Result
5510.000000	PASS

99 %Bandwidth





**Bandwidth**


Date: 17.APR.2024 02:57:29

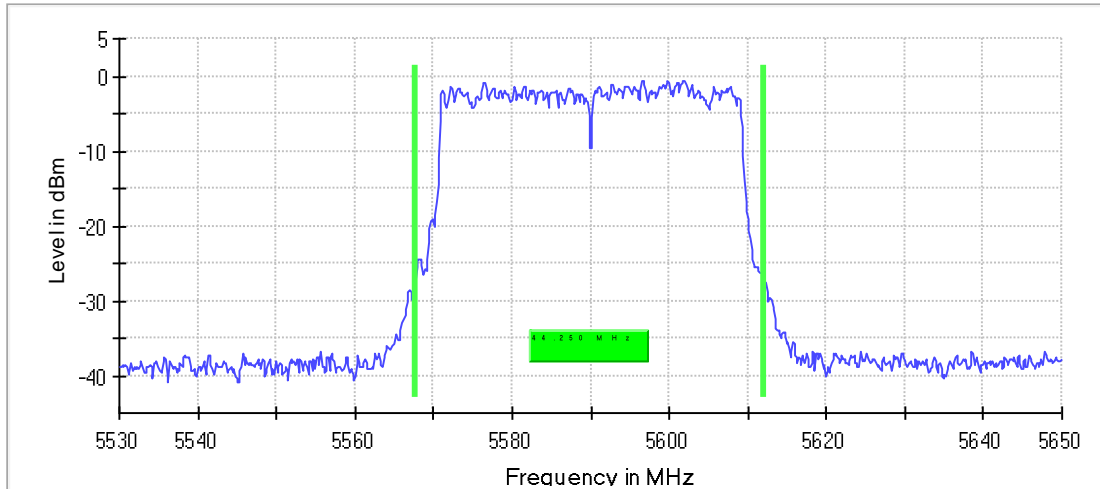
**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	5.47000 GHz	5.47000 GHz
Stop Frequency	5.55000 GHz	5.55000 GHz
Span	80.000 MHz	80.000 MHz
RBW	1.000 MHz	$\geq$ 1.000 MHz
VBW	3.000 MHz	$\geq$ 3.000 MHz
SweepPoints	160	$\sim$ 160
Sweeptime	11.438 $\mu$ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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

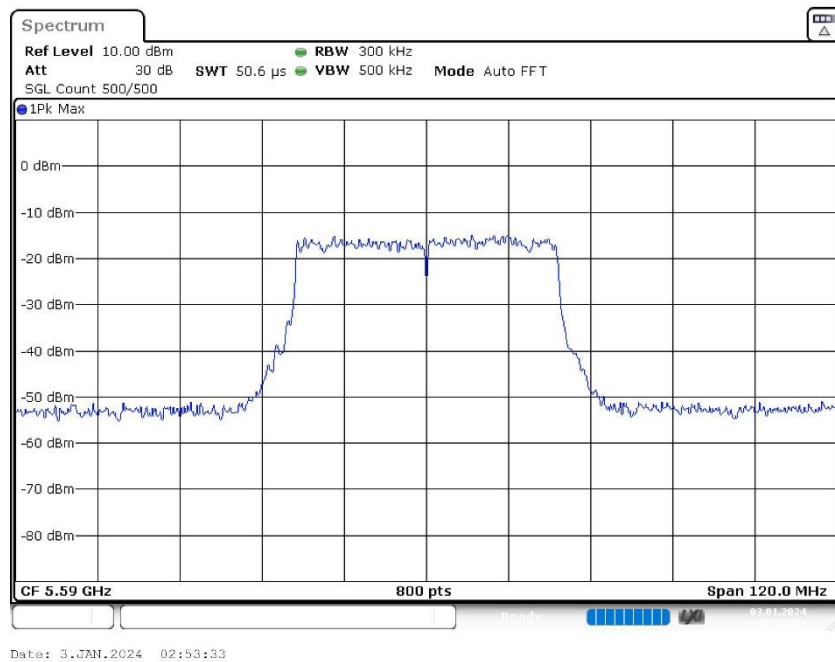
**Emission Bandwidth 26 dB (5590 MHz; 24.000 dBm; 40 MHz)**
**26 dB Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5590.000000	44.250000	---	---	5567.725000	5611.975000

DUT Frequency (MHz)	Max Level (dBm)	Result
5590.000000	-0.6	PASS



**Bandwidth**



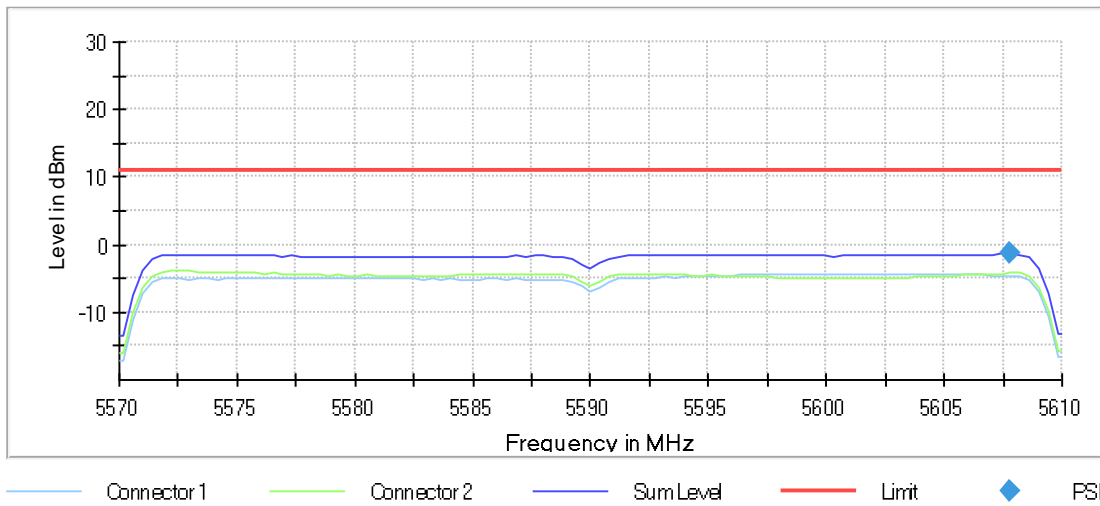
**Power Spectral Density (5590 MHz; 24.000 dBm; 40 MHz)**

**Result**

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5590.000000	5607.821782	-1.370	11.0	PASS

**Ports**

Port	State
1	used
2	used

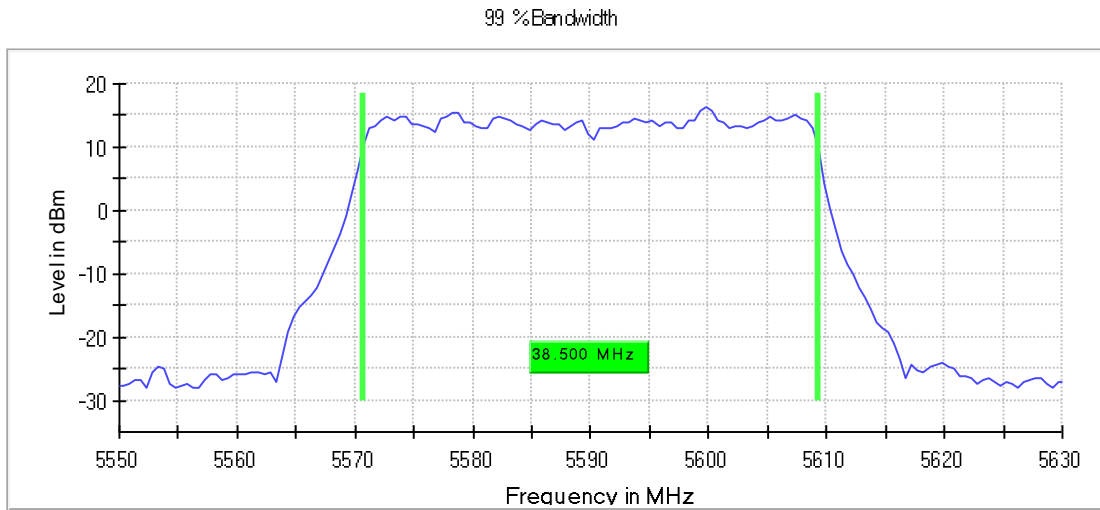


**Occupied Channel Bandwidth 99% (5590 MHz; 24.000 dBm; 40 MHz)**

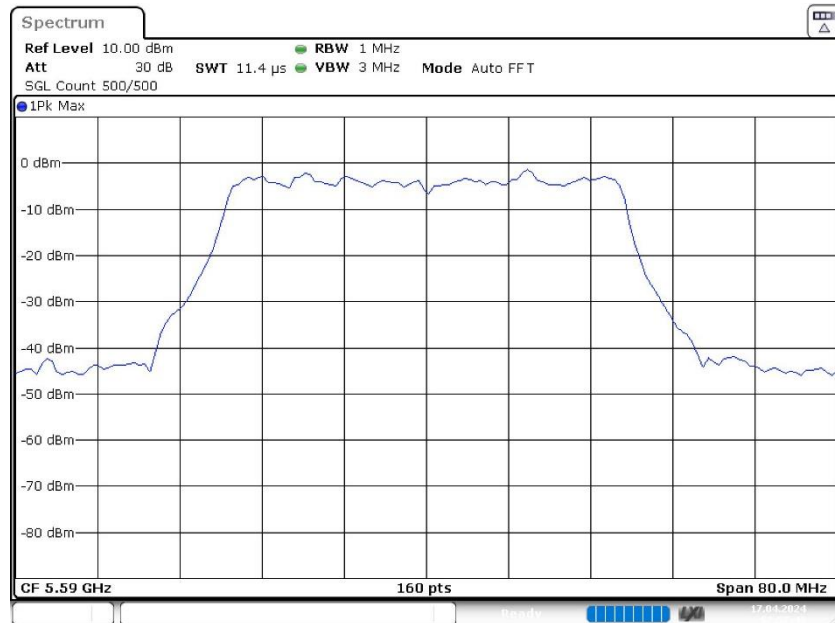
**99 % Bandwidth**

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5590.000000	38.500000	---	---	5570.750000	5609.250000

DUT Frequency (MHz)	Result
5590.000000	PASS



**Bandwidth**



Date: 17.APR.2024 02:57:49

**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	5.55000 GHz	5.55000 GHz
Stop Frequency	5.63000 GHz	5.63000 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

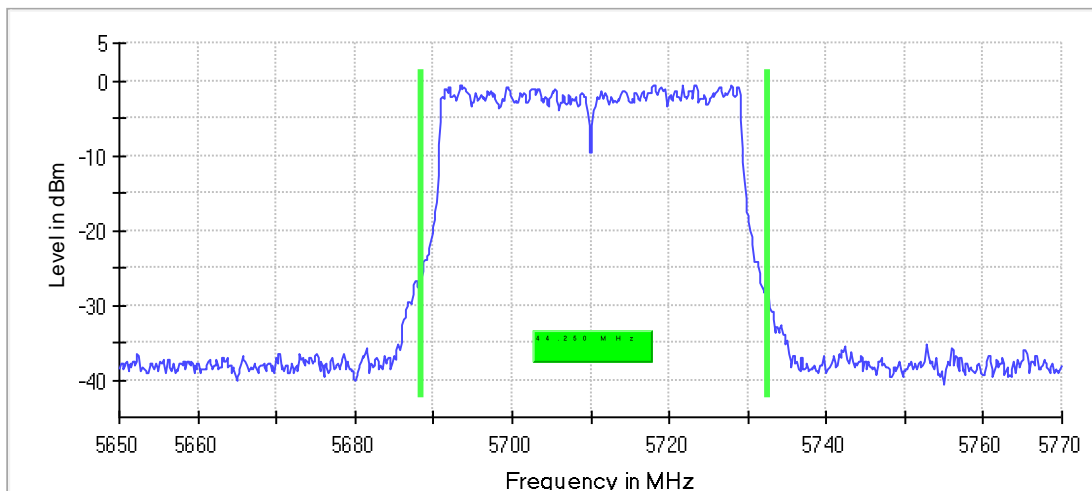
SweepTime	11.438 $\mu$ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

## Emission Bandwidth 26 dB (5710 MHz; 24.000 dBm; 40 MHz)

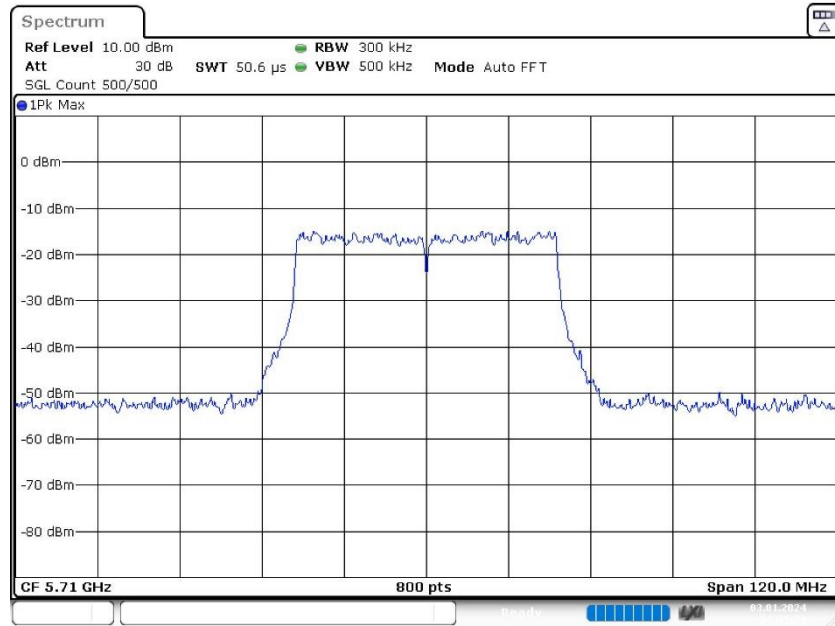
### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5710.000000	44.250000	36.675000	7.575000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5710.000000	5688.325000	5732.575000	-0.5	PASS



Bandwidth



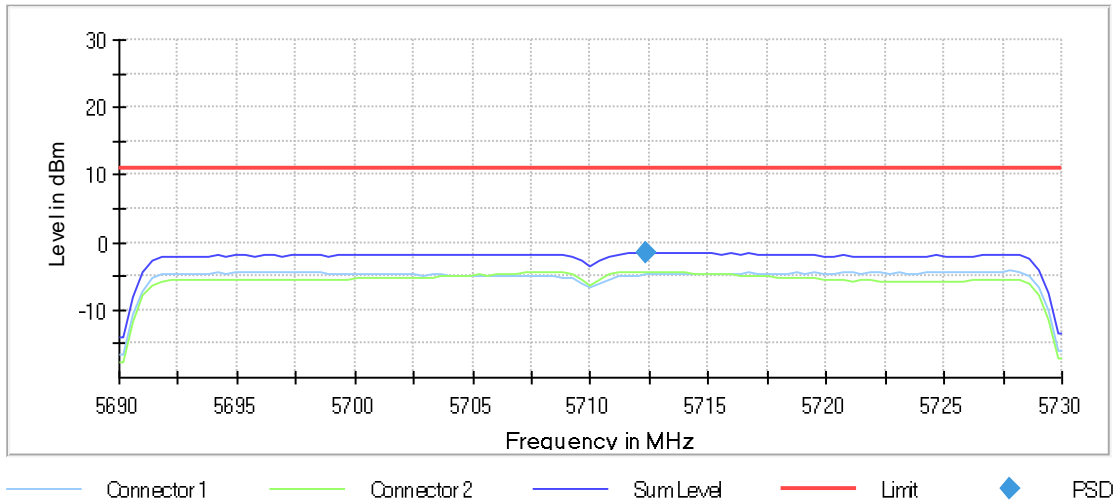
## Power Spectral Density (5710 MHz; 24.000 dBm; 40 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5710.000000	5712.376238	-1.541	11.0	PASS

### Ports

Port	State
1	used
2	used



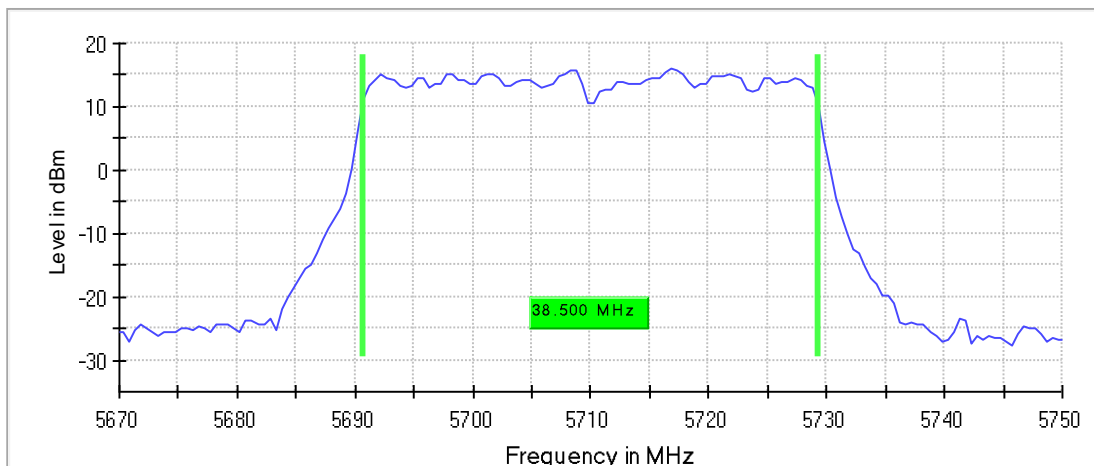
**Occupied Channel Bandwidth 99% (5710 MHz; 24.000 dBm; 40 MHz)**

**99 % Bandwidth**

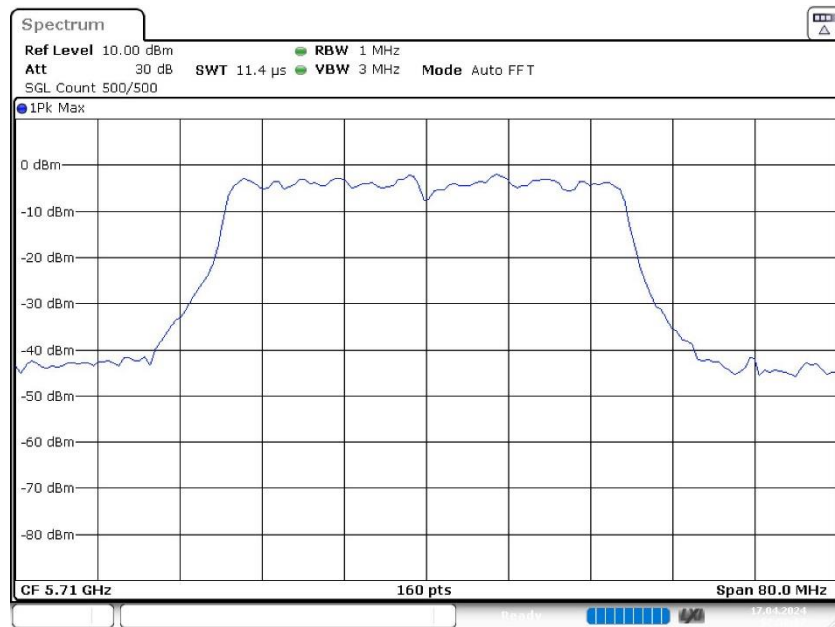
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5710.000000	38.500000	34.250000	4.250000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5710.000000	5690.750000	5729.250000	PASS

99 %Bandwidth



Bandwidth



### Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.67000 GHz	5.67000 GHz
Stop Frequency	5.75000 GHz	5.75000 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	10.000 dBm	10.000 dBm
Attenuation	30.000 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

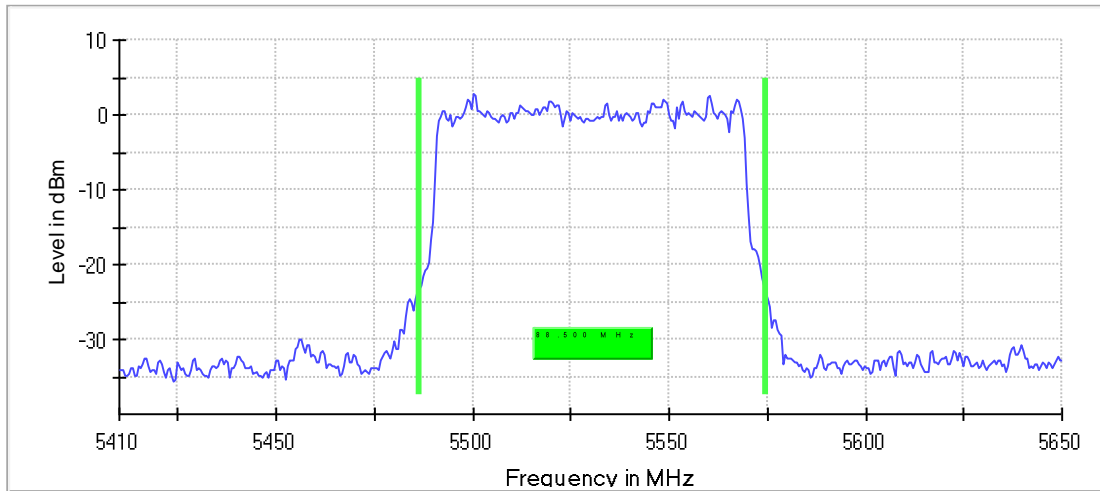
### Emission Bandwidth 26 dB (5530 MHz; 24.000 dBm; 80 MHz)

#### 26 dB Bandwidth

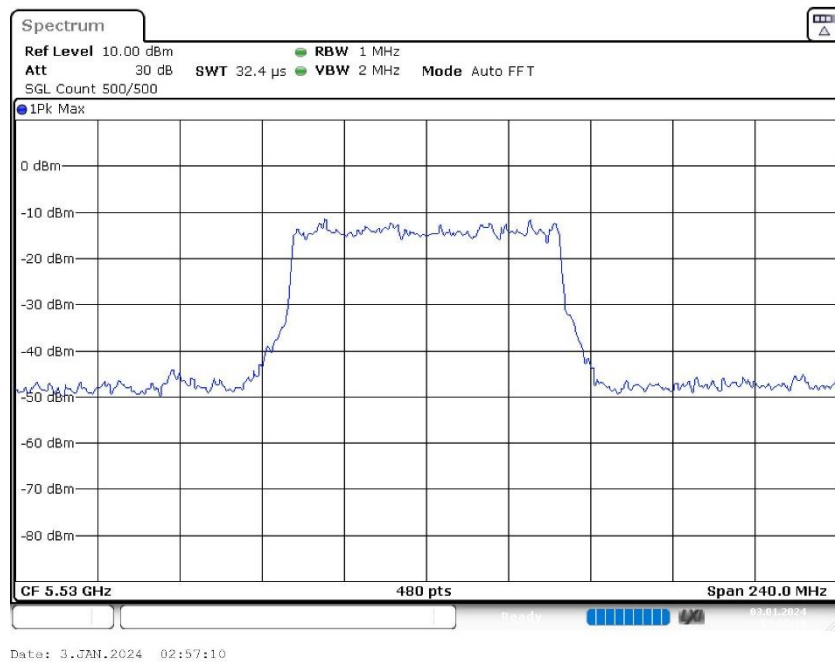
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5530.000000	88.500000	---	---	5486.250000	5574.750000

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





Bandwidth



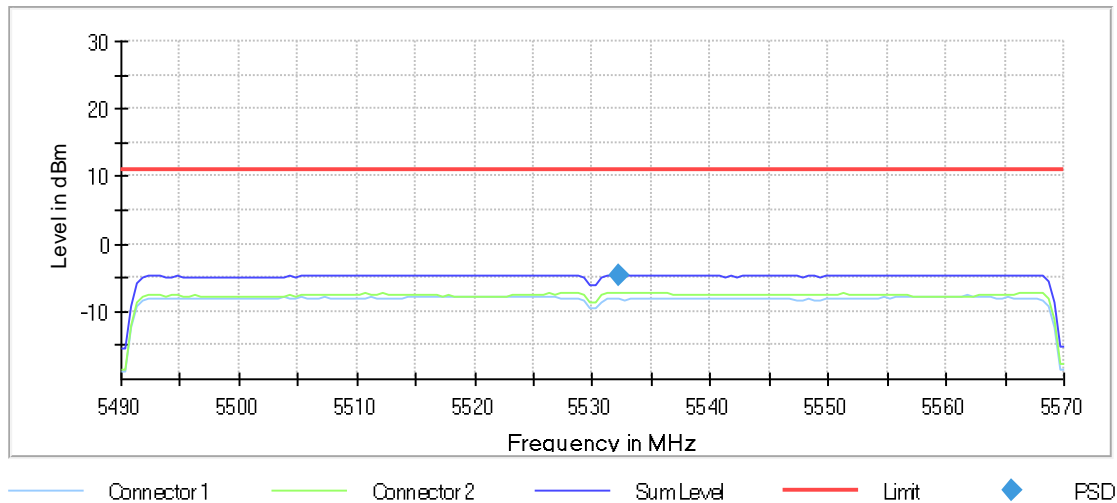
## Power Spectral Density (5530 MHz; 24.000 dBm; 80 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5530.000000	5532.250000	-4.581	11.0	PASS

### Ports

Port	State
1	used
2	used

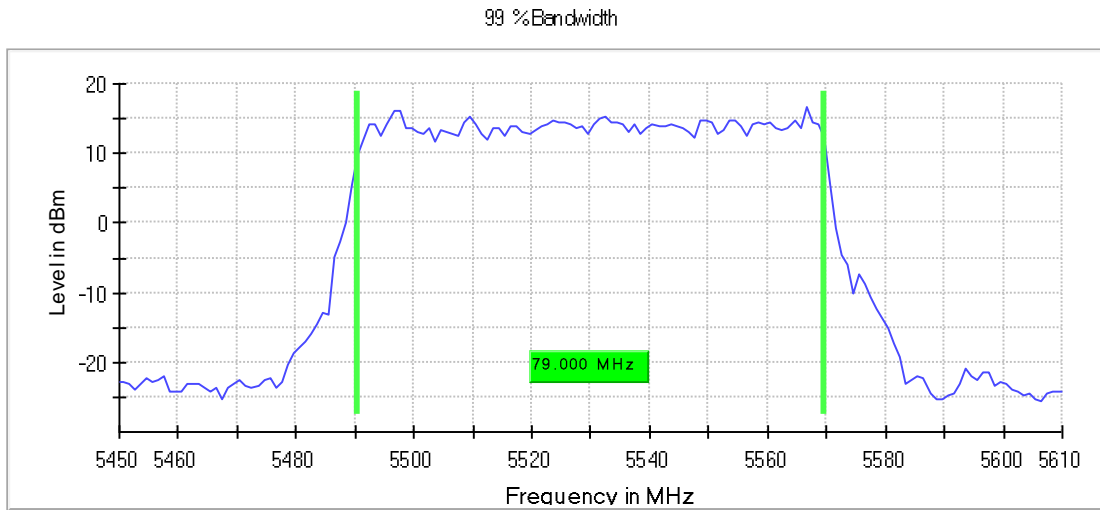


## Occupied Channel Bandwidth 99% (5530 MHz; 24.000 dBm; 80 MHz)

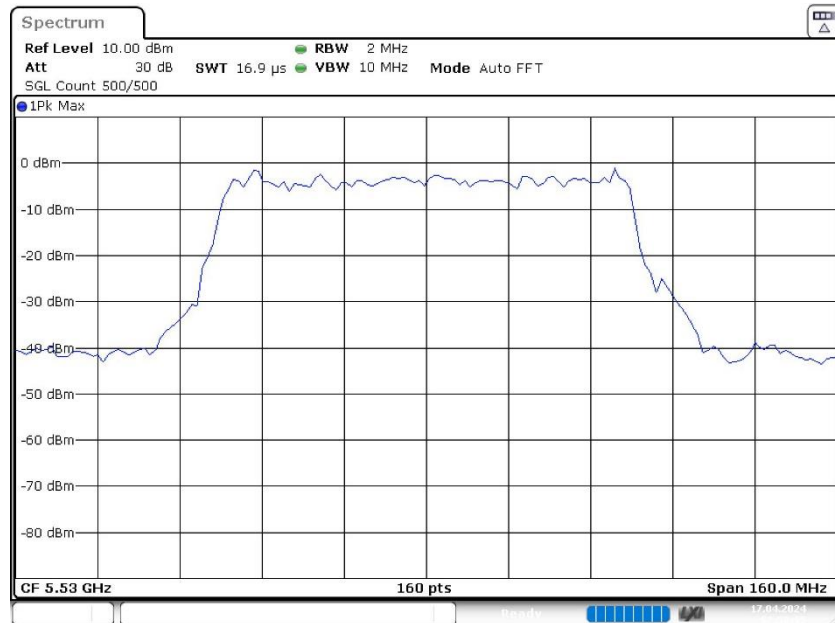
### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5530.000000	79.000000	---	---	5490.500000	5569.500000

DUT Frequency (MHz)	Result
5530.000000	PASS



**Bandwidth**



Date: 17.APR.2024 02:58:36

**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	5.45000 GHz	5.45000 GHz
Stop Frequency	5.61000 GHz	5.61000 GHz
Span	160.000 MHz	160.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	160	~ 160

SweepTime	16.875 $\mu$ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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 (5610 MHz; 24.000 dBm; 80 MHz)

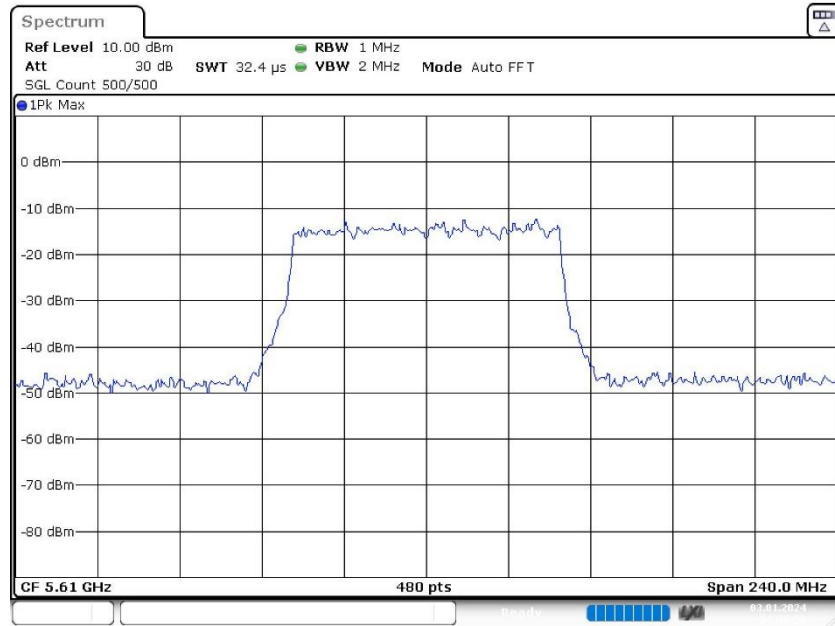
### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5610.000000	89.500000	---	---	5565.250000	5654.750000

DUT Frequency (MHz)	Max Level (dBm)	Result
5610.000000	2.1	PASS



Bandwidth



Date: 3.07M.2024 02:58:58

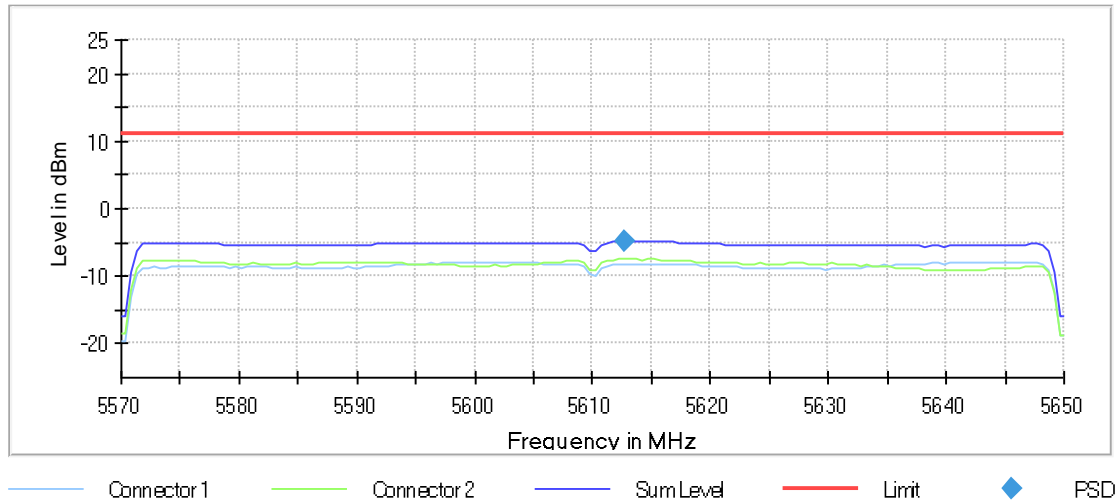
## Power Spectral Density (5610 MHz; 24.000 dBm; 80 MHz)

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5610.000000	5612.750000	-4.825	11.0	PASS

### Ports

Port	State
1	used
2	used



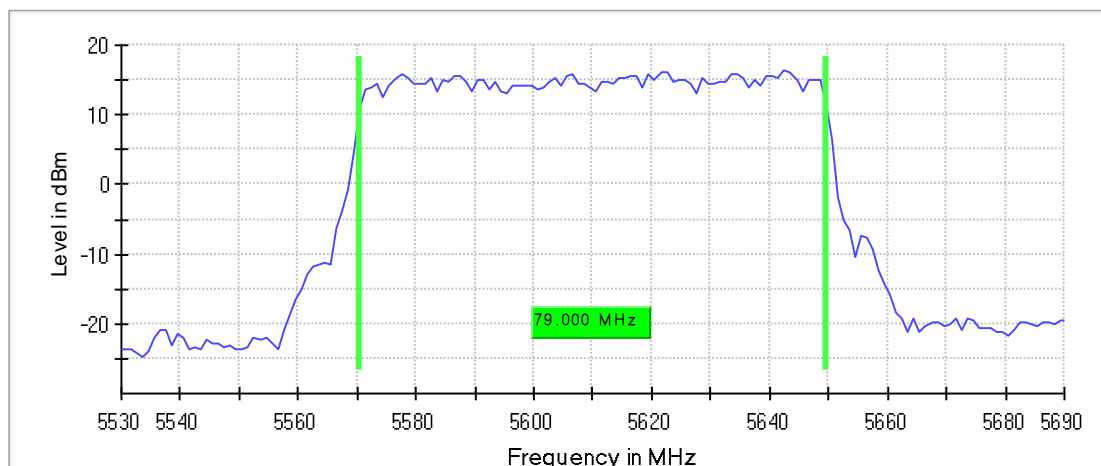
**Occupied Channel Bandwidth 99% (5610 MHz; 24.000 dBm; 80 MHz)**

**99 % Bandwidth**

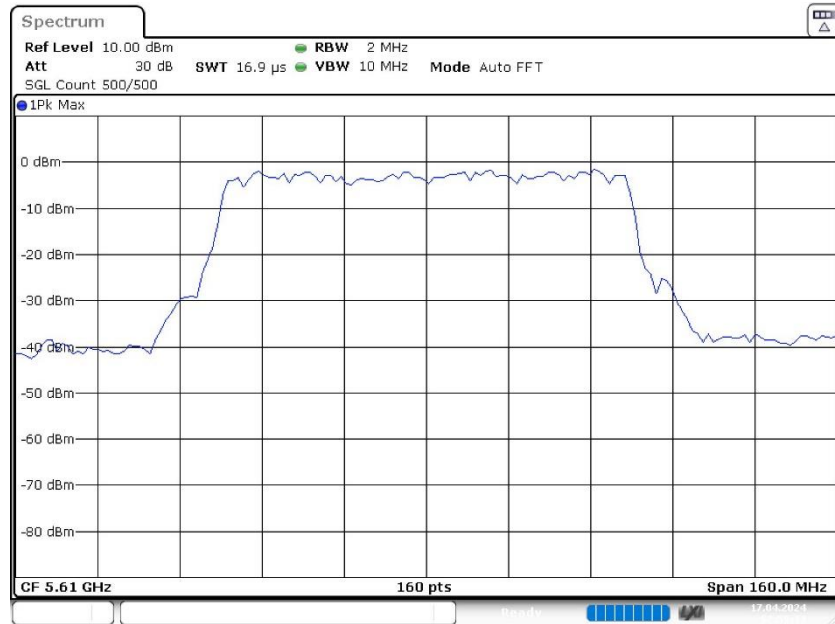
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5610.000000	79.000000	---	---	5570.500000	5649.500000

DUT Frequency (MHz)	Result
5610.000000	PASS

99 %Bandwidth



Bandwidth



Date: 17.APR.2024 02:59:14

## Measurement

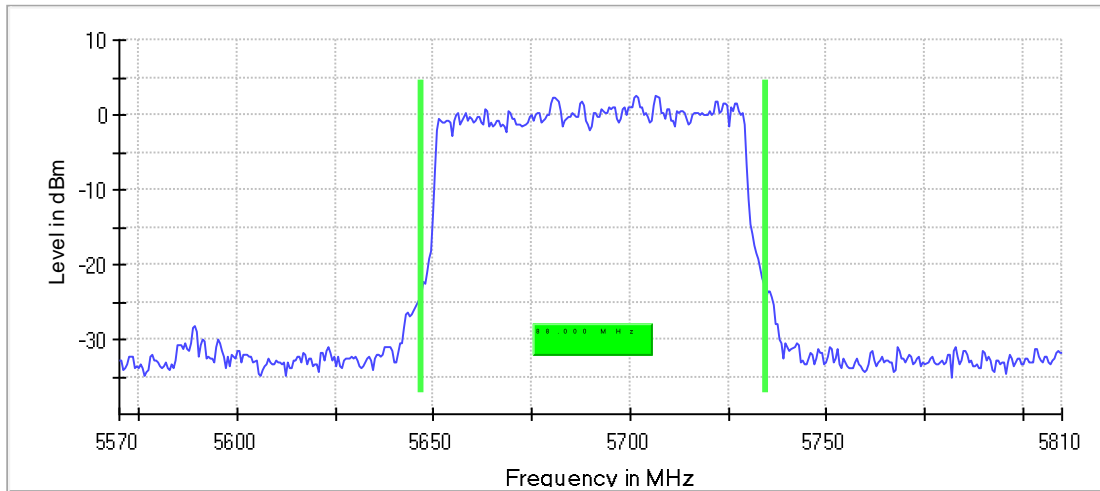
Setting	Instrument Value	Target Value
Start Frequency	5.53000 GHz	5.53000 GHz
Stop Frequency	5.69000 GHz	5.69000 GHz
Span	160.000 MHz	160.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	160	~ 160
Sweeptime	16.875 $\mu$ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 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 (5690 MHz; 24.000 dBm; 80 MHz)

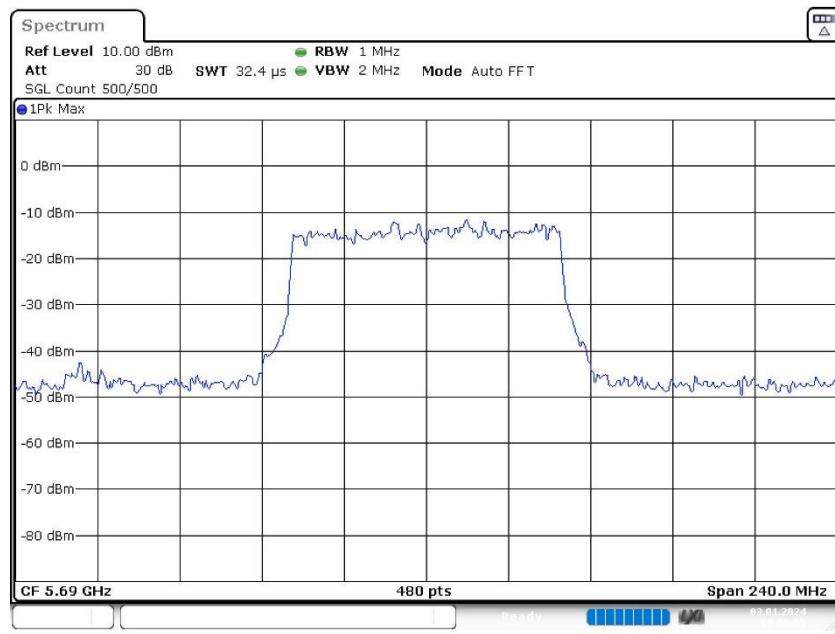
### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5690.000000	88.000000	78.250000	9.750000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5690.000000	5646.750000	5734.750000	2.7	PASS



**Bandwidth**



Date: 3.07.2024 03:00:36

**Power Spectral Density (5690 MHz; 24.000 dBm; 80 MHz)**

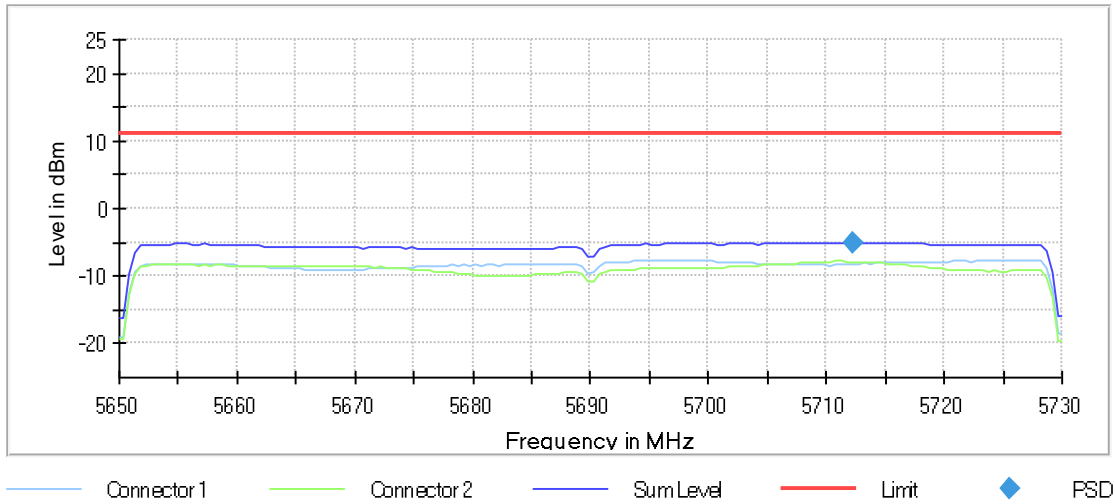
**Result**

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5690.000000	5712.250000	-5.002	11.0	PASS



### Ports

Port	State
1	used
2	used

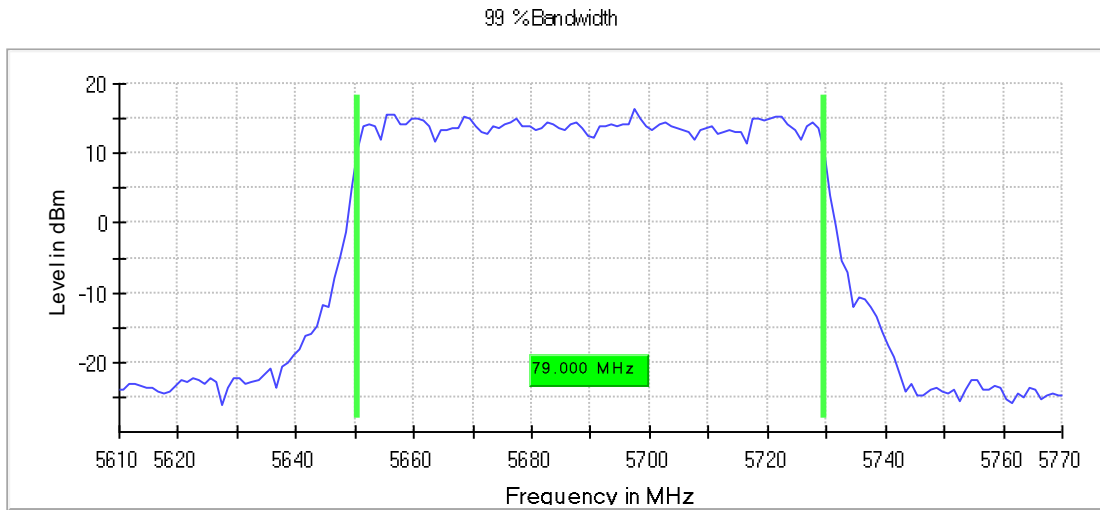


### Occupied Channel Bandwidth 99% (5690 MHz; 24.000 dBm; 80 MHz)

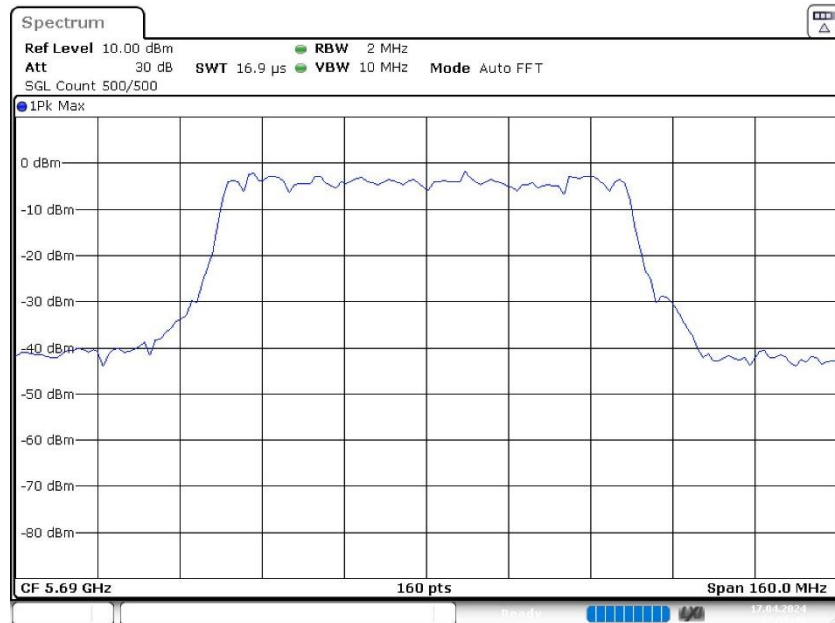
#### 99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5690.000000	79.000000	74.500000	4.500000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5690.000000	5650.500000	5729.500000	PASS



**Bandwidth**



Date: 17.APR.2024 02:59:41

**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	5.61000 GHz	5.61000 GHz
Stop Frequency	5.77000 GHz	5.77000 GHz
Span	160.000 MHz	160.000 MHz
RBW	2.000 MHz	>= 2.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	160	~ 160

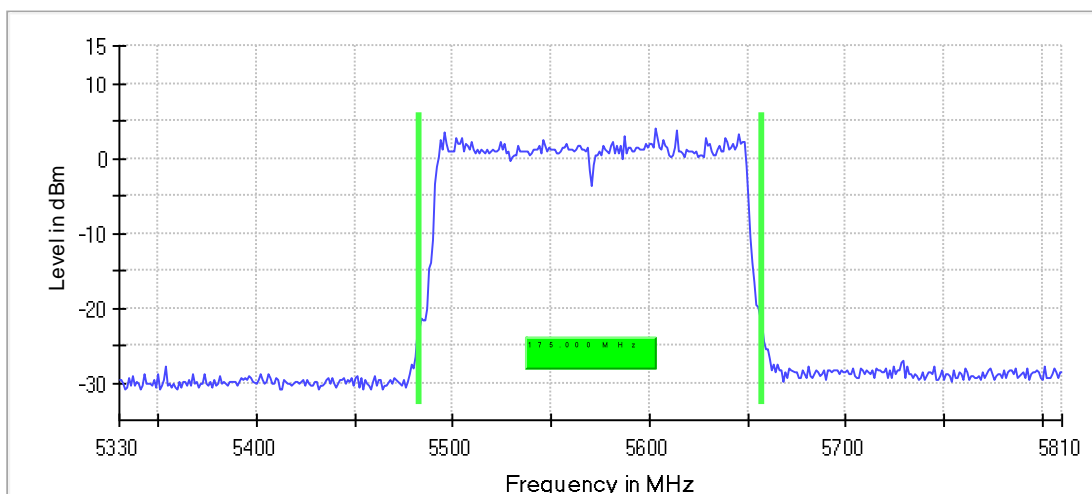
SweepTime	16.875 $\mu$ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

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

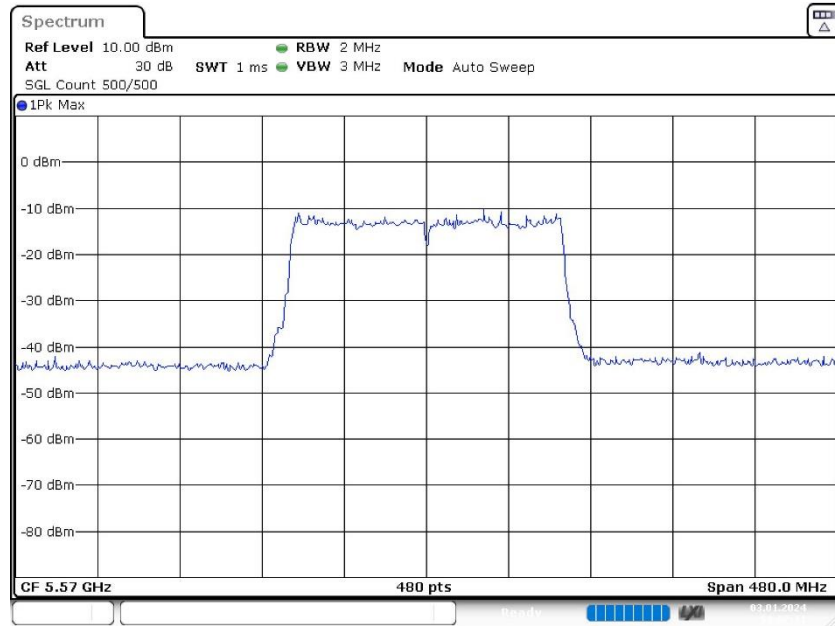
### 26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5570.000000	175.000000	175.000000	0.000000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5570.000000	5482.500000	5657.500000	4.0	PASS



Bandwidth



Date: 3.07M.2024 03:02:11

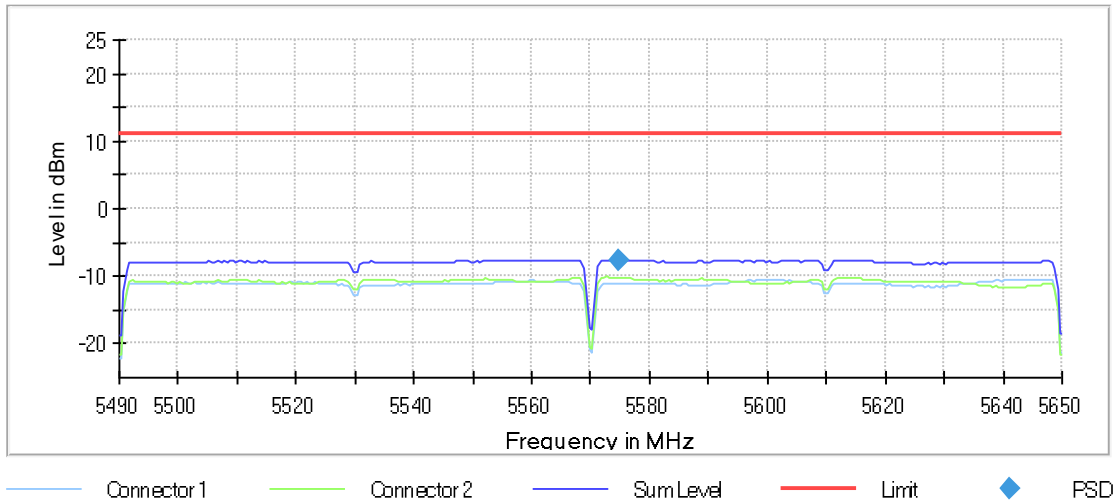
### Power Spectral Density (5570 MHz; 24.000 dBm; 160 MHz)

#### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5570.000000	5574.750000	-7.540	11.0	PASS

#### Ports

Port	State
1	used
2	used



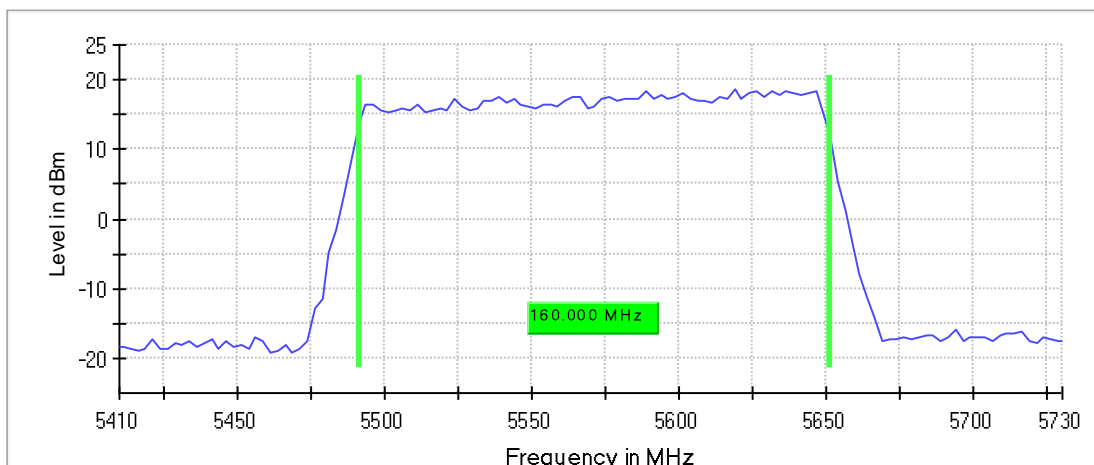
**Occupied Channel Bandwidth 99% (5570 MHz; 24.000 dBm; 160 MHz)**

**99 % Bandwidth**

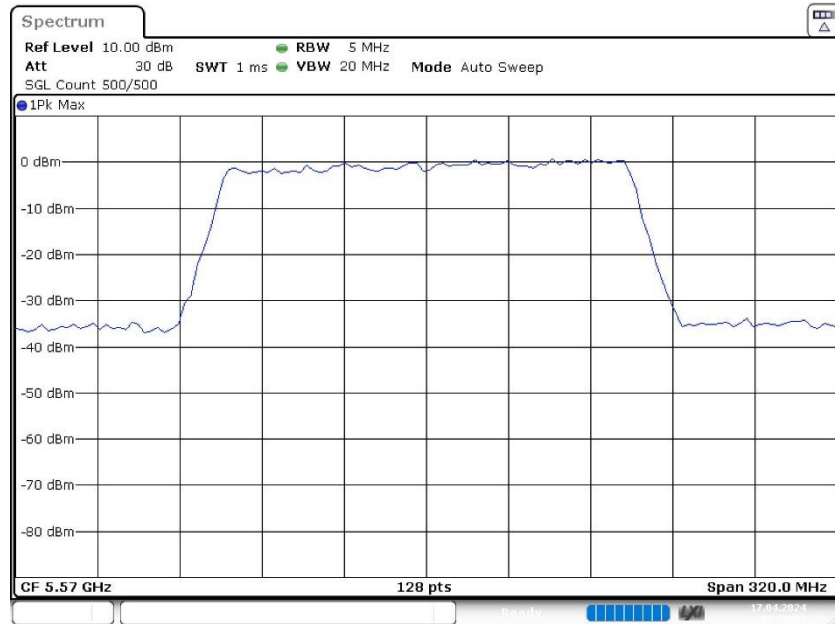
DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)
5570.000000	160.000000	160.000000	0.000000	---	---

DUT Frequency (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5570.000000	5491.250000	5651.250000	PASS

99 %Bandwidth



Bandwidth



Date: 17.APR.2024 03:00:00

## Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.41000 GHz	5.41000 GHz
Stop Frequency	5.73000 GHz	5.73000 GHz
Span	320.000 MHz	320.000 MHz
RBW	5.000 MHz	>= 4.000 MHz
VBW	20.000 MHz	>= 15.000 MHz
SweepPoints	128	~ 128
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off

-- End of Report --