

**UDW UNII-1 Annex**

Table of Contents

**1 OFDM Mode ..... 3**

**2 VHT Mode .....14**

**3 HE Mode.....34**

**4 HT Mode.....54**

# 1 OFDM Mode

## Summary

| Test                           | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|--------------------------------|-----------------|---------------------|-------------------------|--------|
| Emission Bandwidth 26 dB       | 5180.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5180.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density         | 5180.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5180.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5200.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5200.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5240.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5240.000        | 24.0                | 20.000000               | PASS   |

## Emission Bandwidth 26 dB (5180 MHz; 24.000 dBm; 20 MHz)

Customized settings.

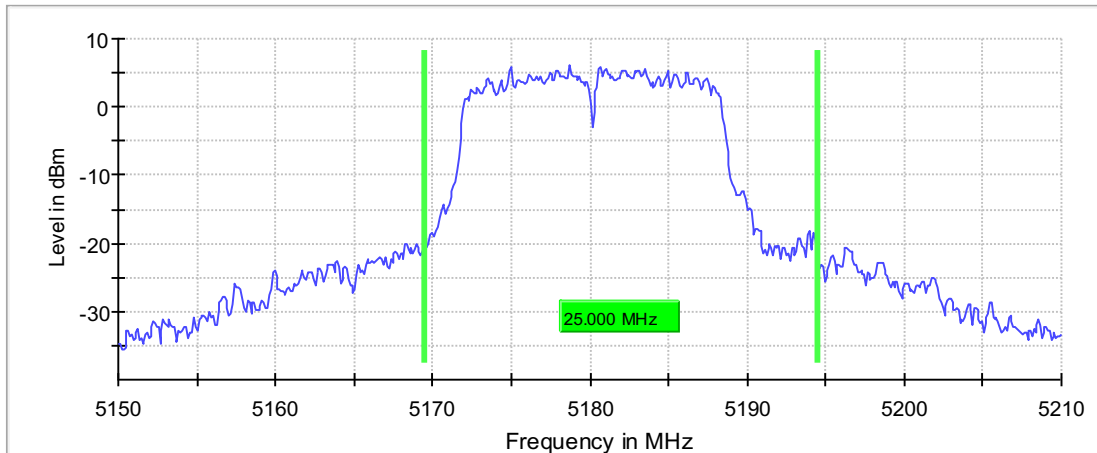
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5180.000000         | 25.000000       | ---             | ---             | 5169.450000          | 5194.450000           |

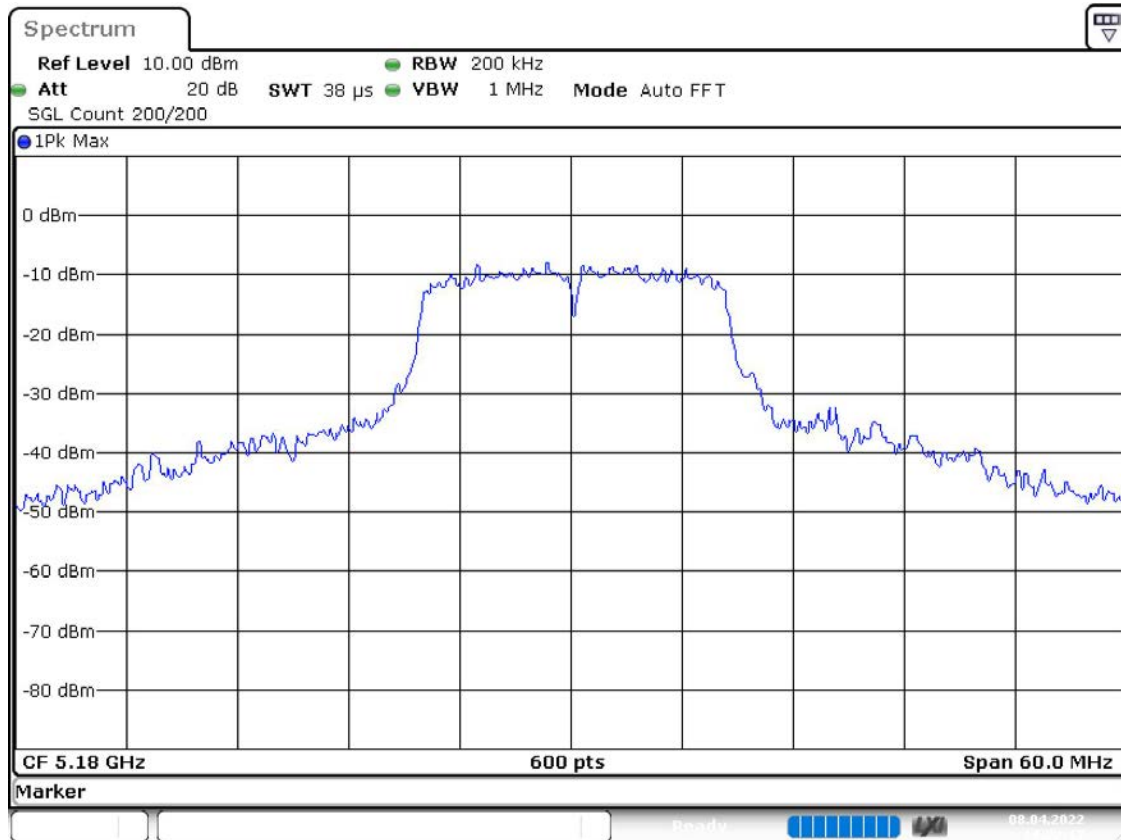
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5180.000000         | 6.2             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 8.APR.2022 14:22:18

## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.15000 GHz      | 5.15000 GHz    |
| Stop Frequency  | 5.21000 GHz      | 5.21000 GHz    |
| Span            | 60.000 MHz       | 60.000 MHz     |
| RBW             | 200.000 kHz      | ~ 200.000 kHz  |
| VBW             | 1.000 MHz        | >= 600.000 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      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

**RF output power (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

**Result**

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5180.000000         | 26.1            | 30.0            | 26.1             | 88.446        | 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 (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

**Result**

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5180.000000         | 5181.386139     | 12.020    | 17.0            | PASS   |

**Ports**

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |
| 3    | used  |
| 4    | used  |

**Measurement**

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.17000 GHz      | 5.17000 GHz   |
| Stop Frequency  | 5.19000 GHz      | 5.19000 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 | 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% (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

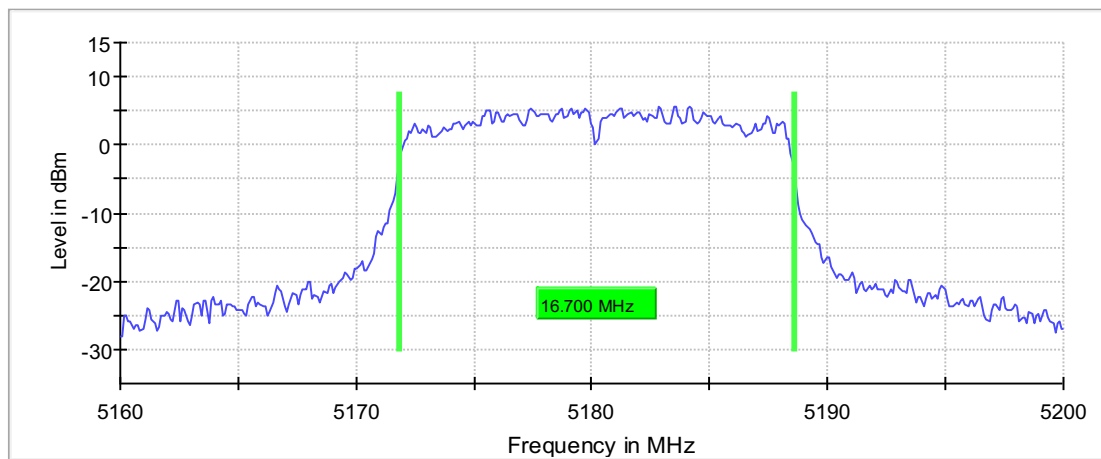
**99 % Bandwidth**

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5180.000000         | 16.700000       | ---             | ---             | 5171.850000          | 5188.550000           |

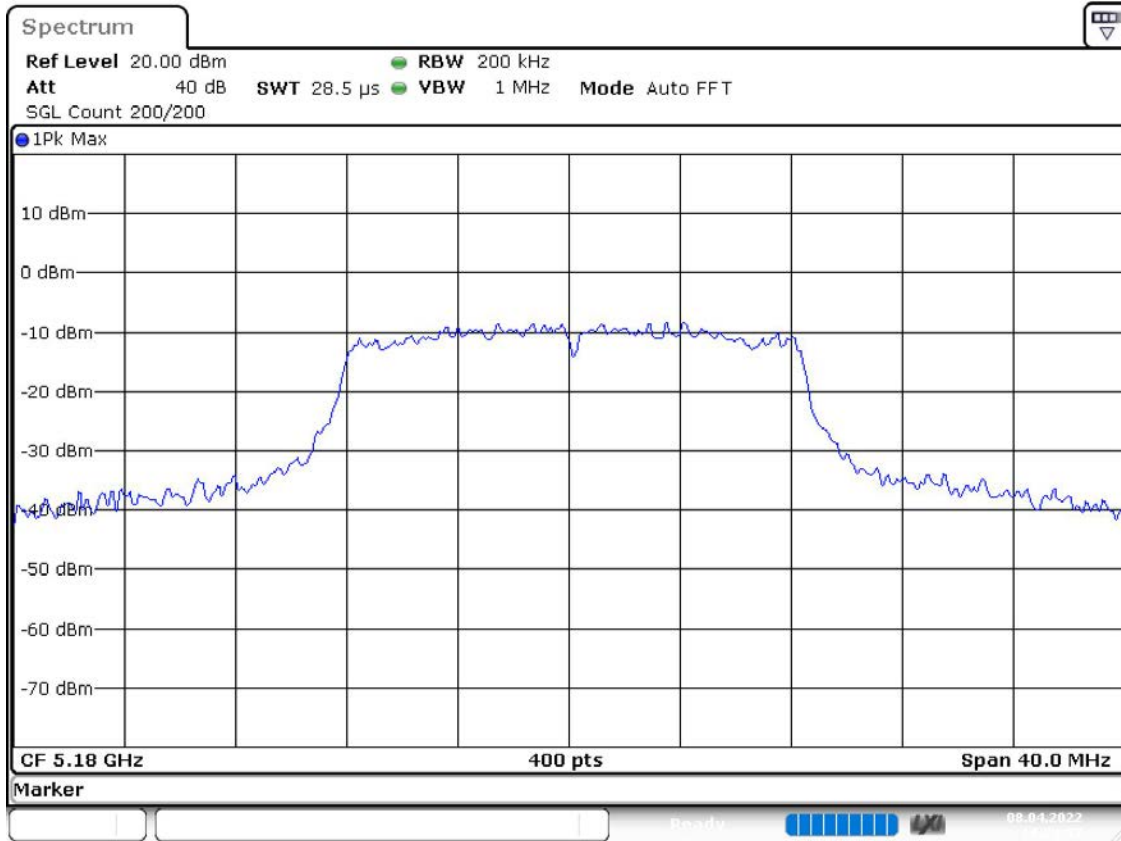
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5180.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 8.APR.2022 14:23:38

### Measurement

| Setting         | Instrument Value | Target Value       |
|-----------------|------------------|--------------------|
| Start Frequency | 5.16000 GHz      | 5.16000 GHz        |
| Stop Frequency  | 5.20000 GHz      | 5.20000 GHz        |
| Span            | 40.000 MHz       | 40.000 MHz         |
| RBW             | 200.000 kHz      | $\geq$ 200.000 kHz |
| VBW             | 1.000 MHz        | $\geq$ 600.000 kHz |
| SweepPoints     | 400              | $\sim$ 400         |
| SweepTime       | 28.477 $\mu$ s   | AUTO               |
| Reference Level | 20.000 dBm       | 20.000 dBm         |
| Attenuation     | 40.000 dB        | AUTO               |
| Detector        | MaxPeak          | MaxPeak            |
| SweepCount      | 200              | 200                |
| Filter          | 3 dB             | 3 dB               |
| Trace Mode      | Max Hold         | Max Hold           |
| Sweeptype       | FFT              | AUTO               |
| Preamp          | off              | off                |

## Emission Bandwidth 26 dB (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

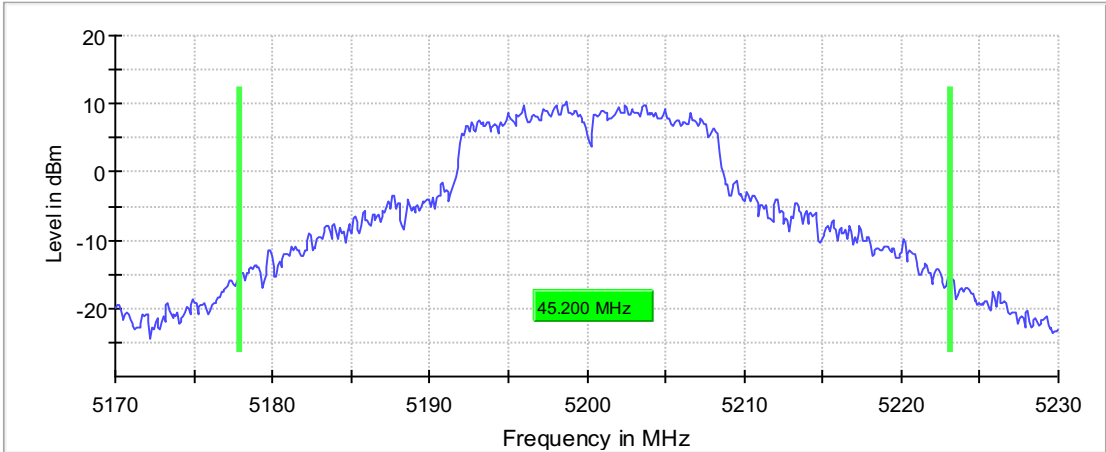
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 45.200000       | ---             | ---             | 5177.850000          | 5223.050000           |

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

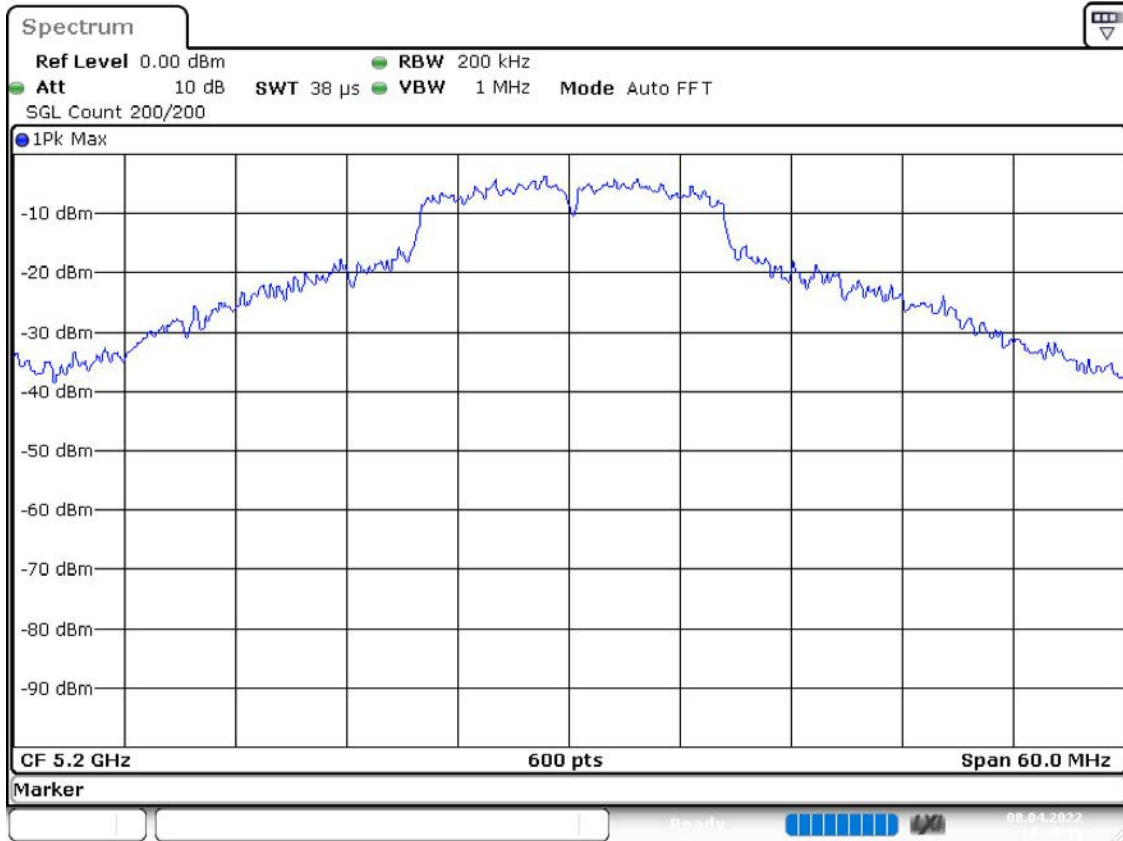
| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 10.4            | PASS   |

26 dB Bandwidth



Bandwidth





Date: 8.APR.2022 14:25:35

## Occupied Channel Bandwidth 99% (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

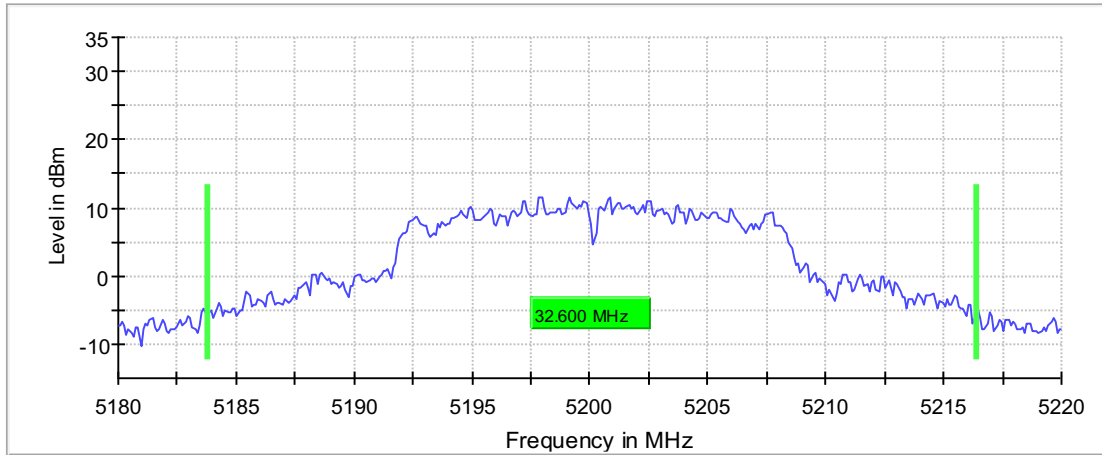
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 32.600000       | ---             | ---             | 5183.750000          | 5216.350000           |

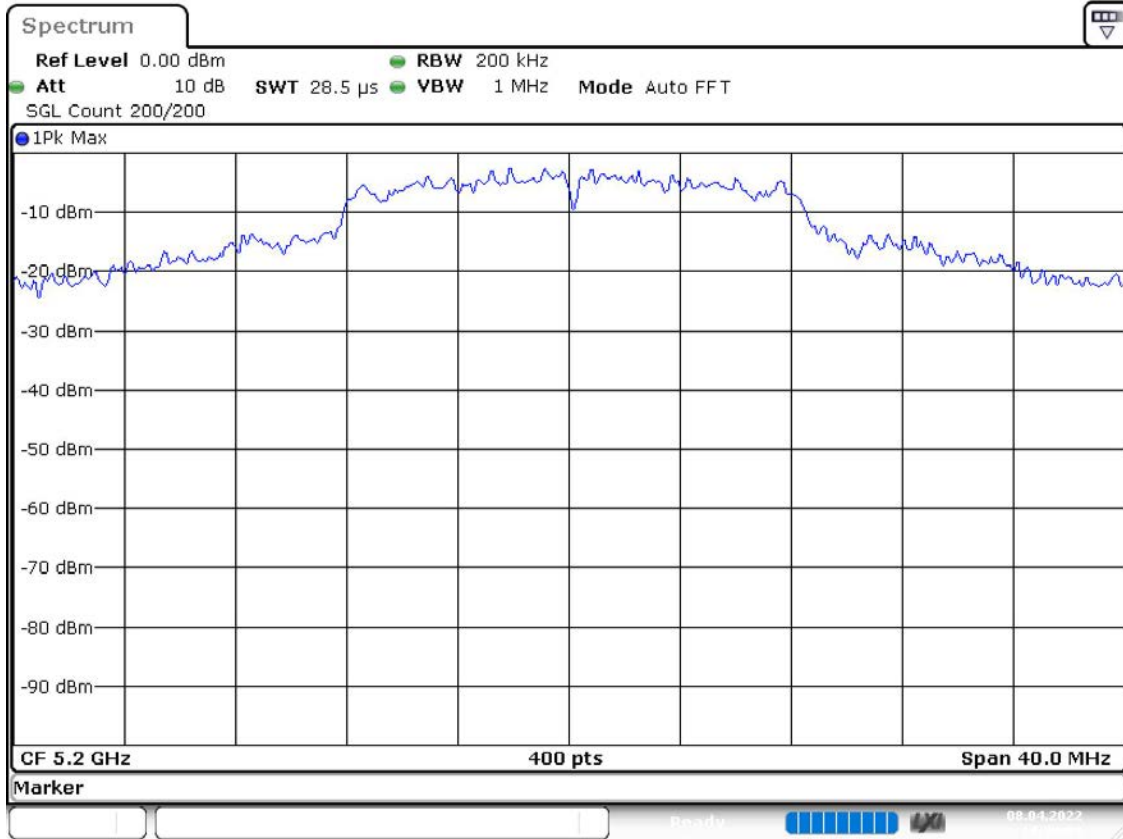
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5200.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 8.APR.2022 14:33:03

## Emission Bandwidth 26 dB (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

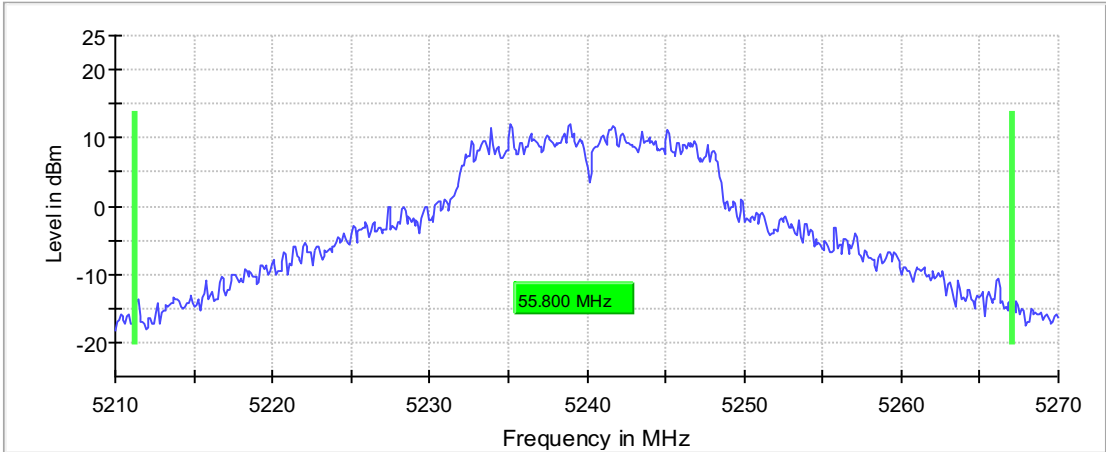
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 55.800000       | ---             | ---             | 5211.250000          | 5267.050000           |

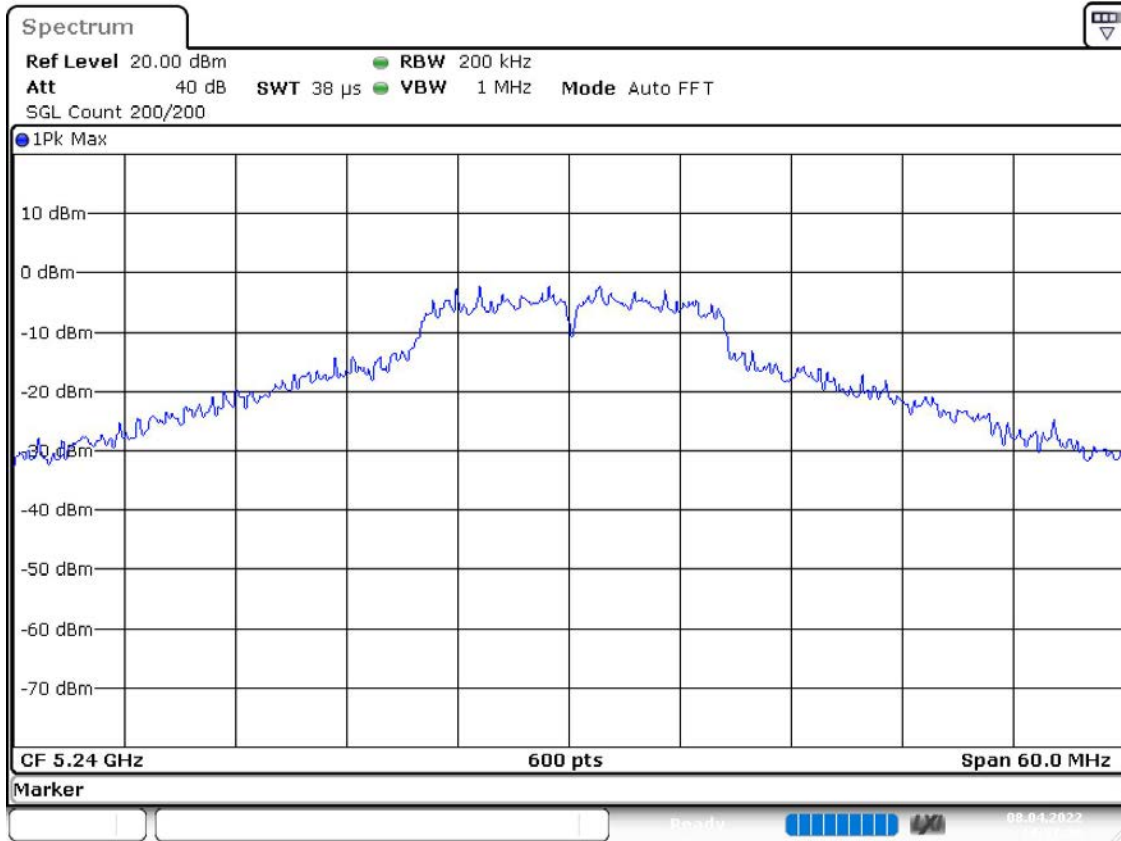
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5240.000000         | 12.0            | PASS   |

26 dB Bandwidth



Bandwidth



Date: 8.APR.2022 14:37:27

## Occupied Channel Bandwidth 99% (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

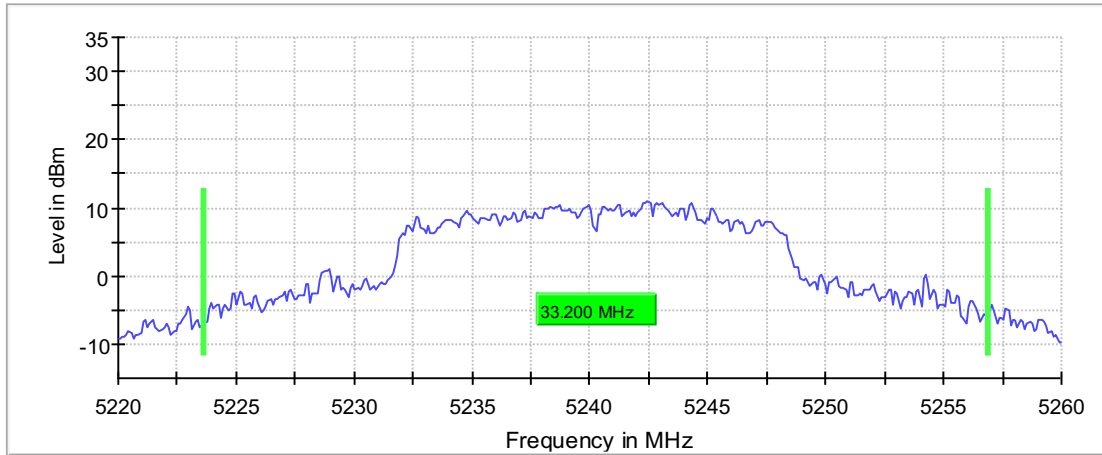
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 33.200000       | ---             | ---             | 5223.650000          | 5256.850000           |

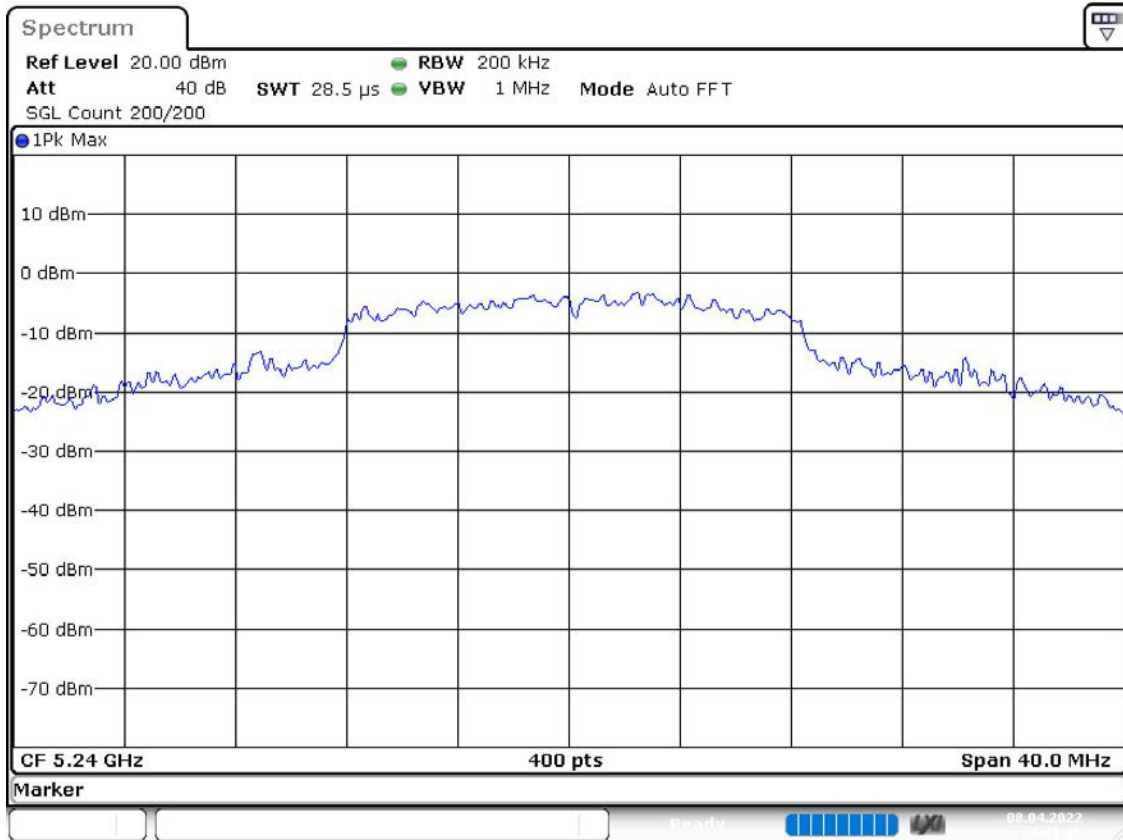
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5240.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 8.APR.2022 14:41:26

## 2 VHT Mode

### Summary

| Test                           | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|--------------------------------|-----------------|---------------------|-------------------------|--------|
| Emission Bandwidth 26 dB       | 5180.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5180.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density         | 5180.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5180.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5200.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5200.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5240.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5240.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5190.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5190.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5230.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5230.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5210.000        | 24.0                | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5210.000        | 24.0                | 80.000000               | PASS   |

### Emission Bandwidth 26 dB (5180 MHz; 24.000 dBm; 20 MHz)

Customized settings.

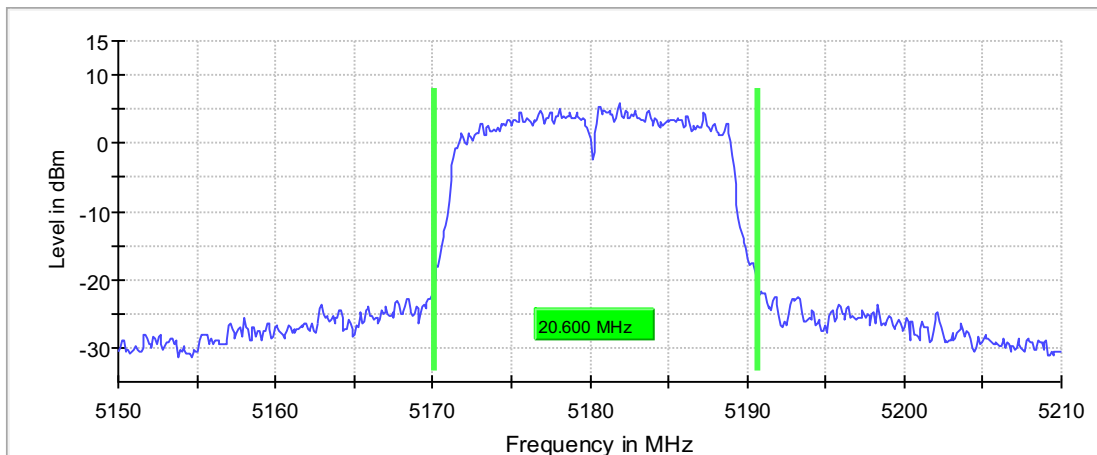
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5180.000000         | 20.600000       | ---             | ---             | 5170.050000          | 5190.650000           |

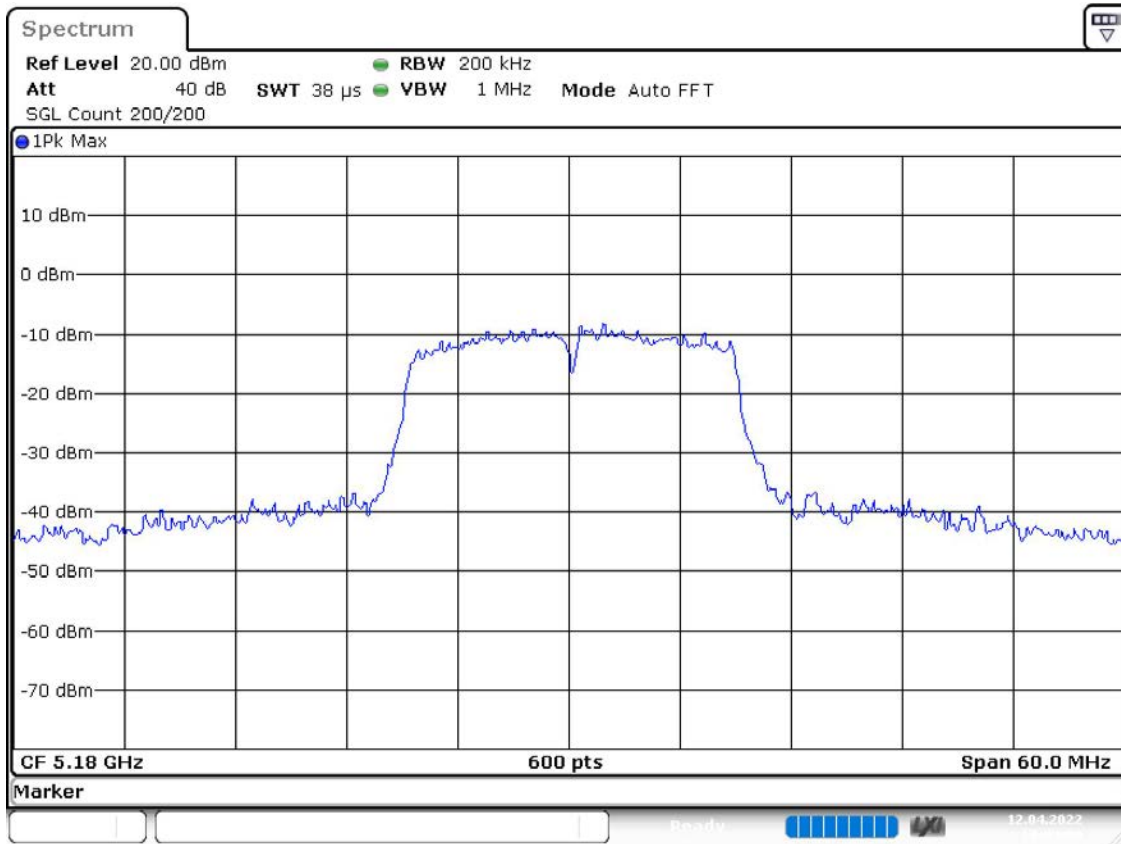
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5180.000000         | 6.0             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:03:01

Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.15000 GHz      | 5.15000 GHz    |
| Stop Frequency  | 5.21000 GHz      | 5.21000 GHz    |
| Span            | 60.000 MHz       | 60.000 MHz     |
| RBW             | 200.000 kHz      | ~ 200.000 kHz  |
| VBW             | 1.000 MHz        | >= 600.000 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      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

**RF output power (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

**Result**

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5180.000000         | 25.8            | 30.0            | 25.8             | 91.294        | 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 (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

**Result**

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5180.000000         | 5181.188119     | 11.657    | 17.0            | PASS   |

**Ports**

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |
| 3    | used  |
| 4    | used  |

**Measurement**

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 5.17000 GHz      | 5.17000 GHz      |
| Stop Frequency  | 5.19000 GHz      | 5.19000 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 | 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% (5180 MHz; 24.000 dBm; 20 MHz)

Customized settings.

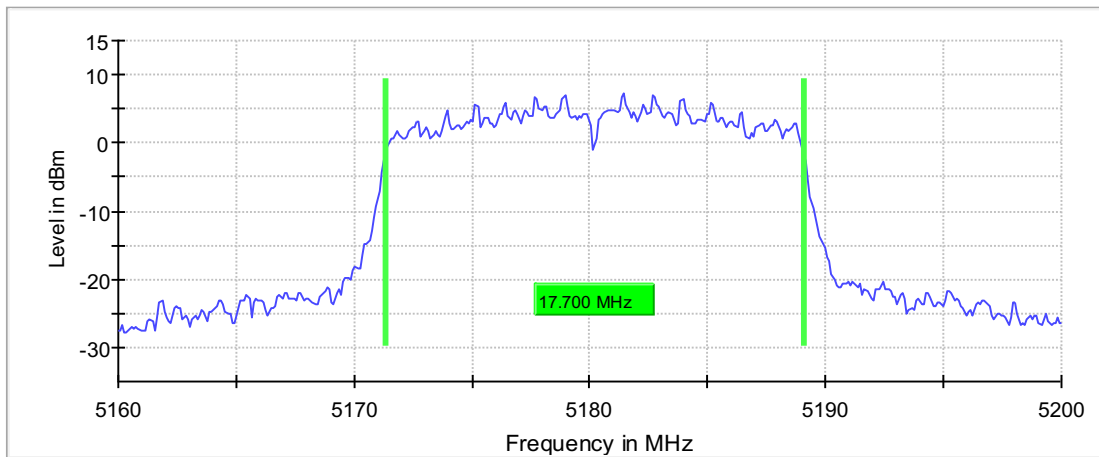
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5180.000000         | 17.700000       | ---             | ---             | 5171.350000          | 5189.050000           |

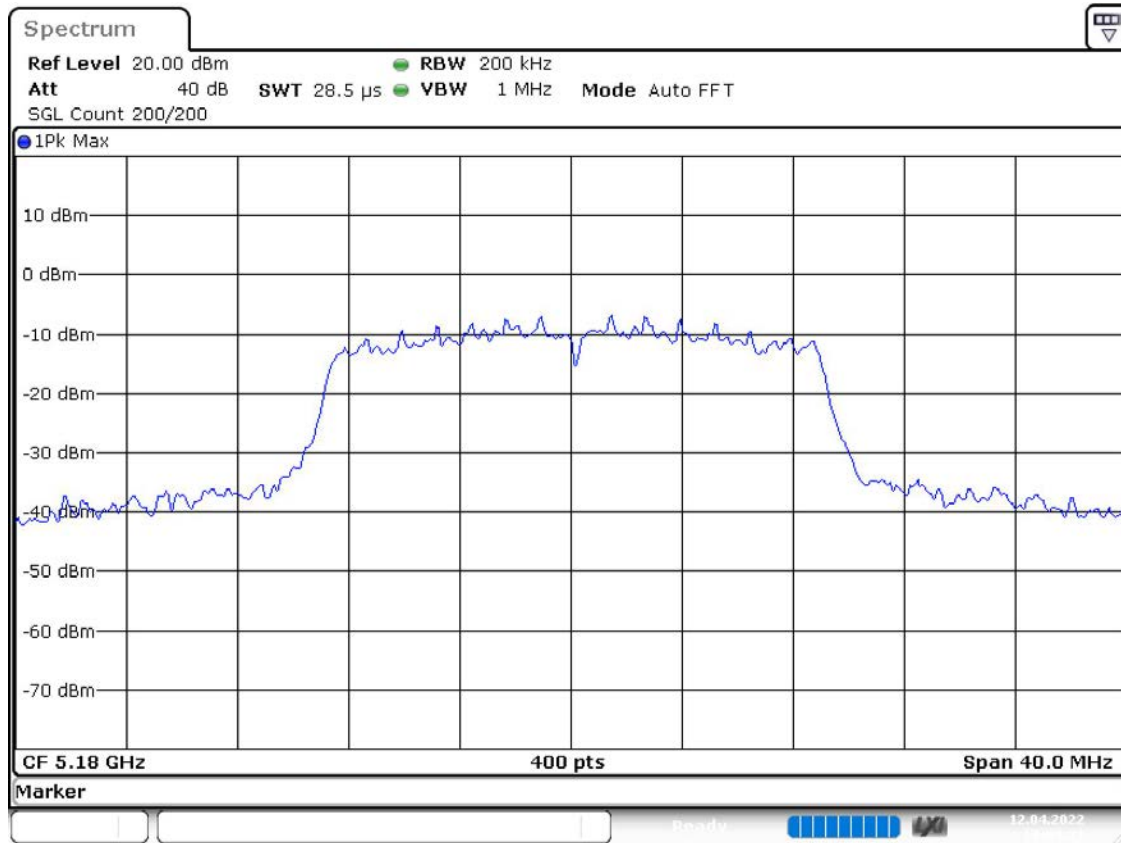
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5180.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:04:22

## Measurement

| Setting         | Instrument Value | Target Value       |
|-----------------|------------------|--------------------|
| Start Frequency | 5.16000 GHz      | 5.16000 GHz        |
| Stop Frequency  | 5.20000 GHz      | 5.20000 GHz        |
| Span            | 40.000 MHz       | 40.000 MHz         |
| RBW             | 200.000 kHz      | $\geq$ 200.000 kHz |
| VBW             | 1.000 MHz        | $\geq$ 600.000 kHz |
| SweepPoints     | 400              | $\sim$ 400         |
| SweepTime       | 28.477 $\mu$ s   | AUTO               |
| Reference Level | 20.000 dBm       | 20.000 dBm         |
| Attenuation     | 40.000 dB        | AUTO               |
| Detector        | MaxPeak          | MaxPeak            |
| SweepCount      | 200              | 200                |
| Filter          | 3 dB             | 3 dB               |
| Trace Mode      | Max Hold         | Max Hold           |
| SweepType       | FFT              | AUTO               |
| Preamp          | off              | off                |

## Emission Bandwidth 26 dB (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

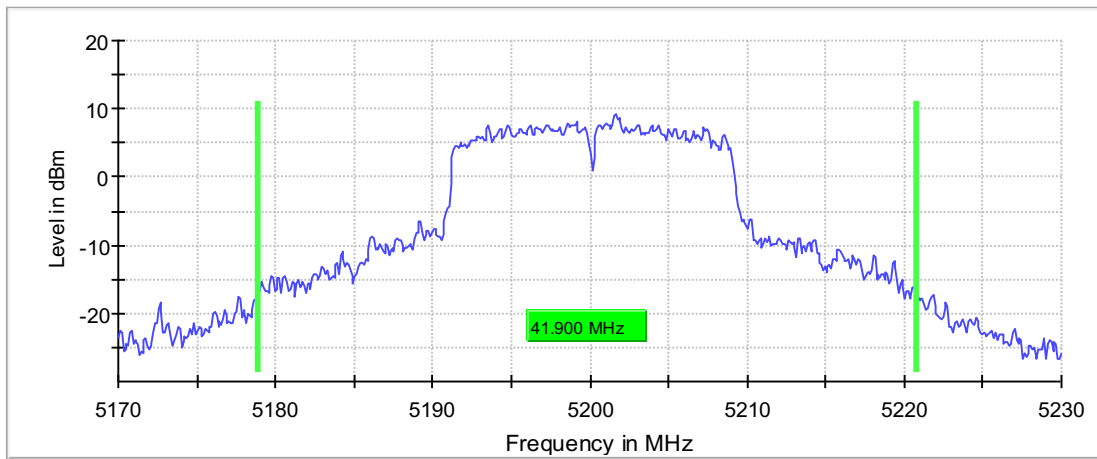
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 41.900000       | ---             | ---             | 5178.850000          | 5220.750000           |

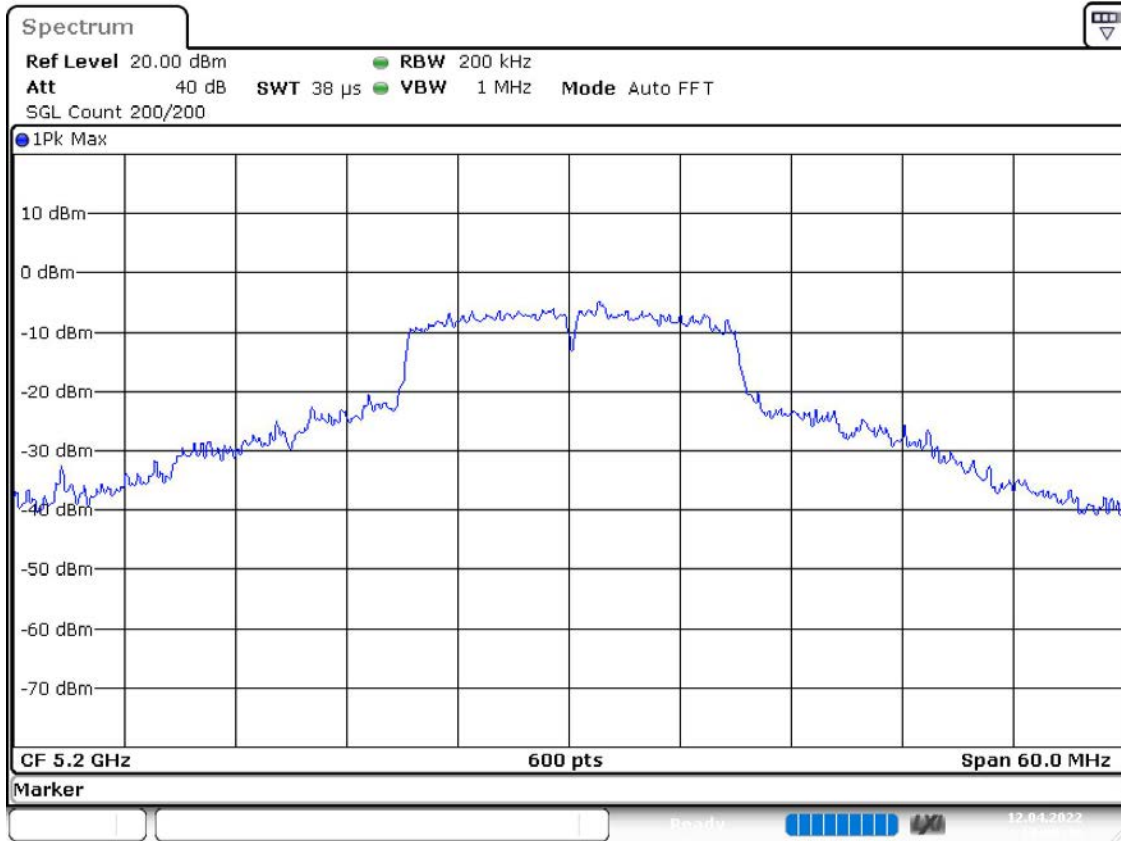
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 9.3             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:05:44

## Occupied Channel Bandwidth 99% (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

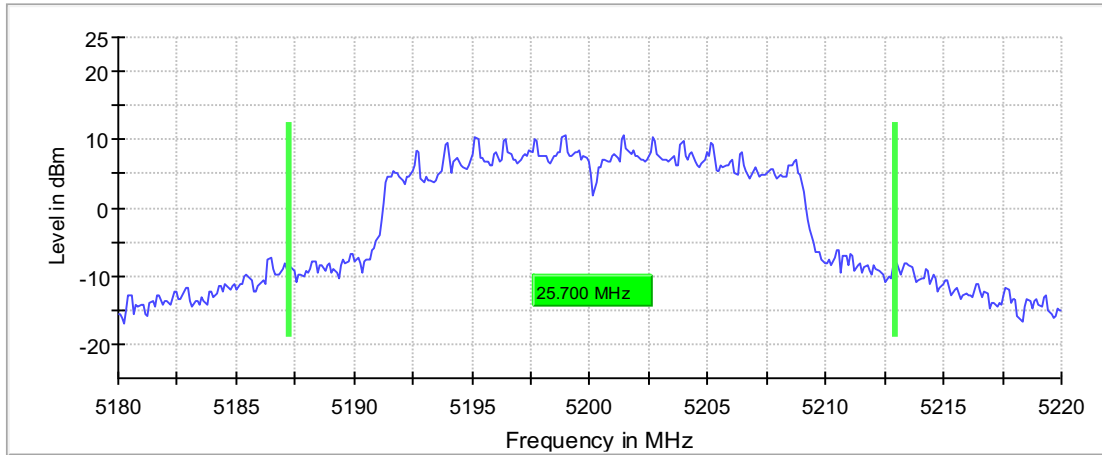
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 25.700000       | ---             | ---             | 5187.250000          | 5212.950000           |

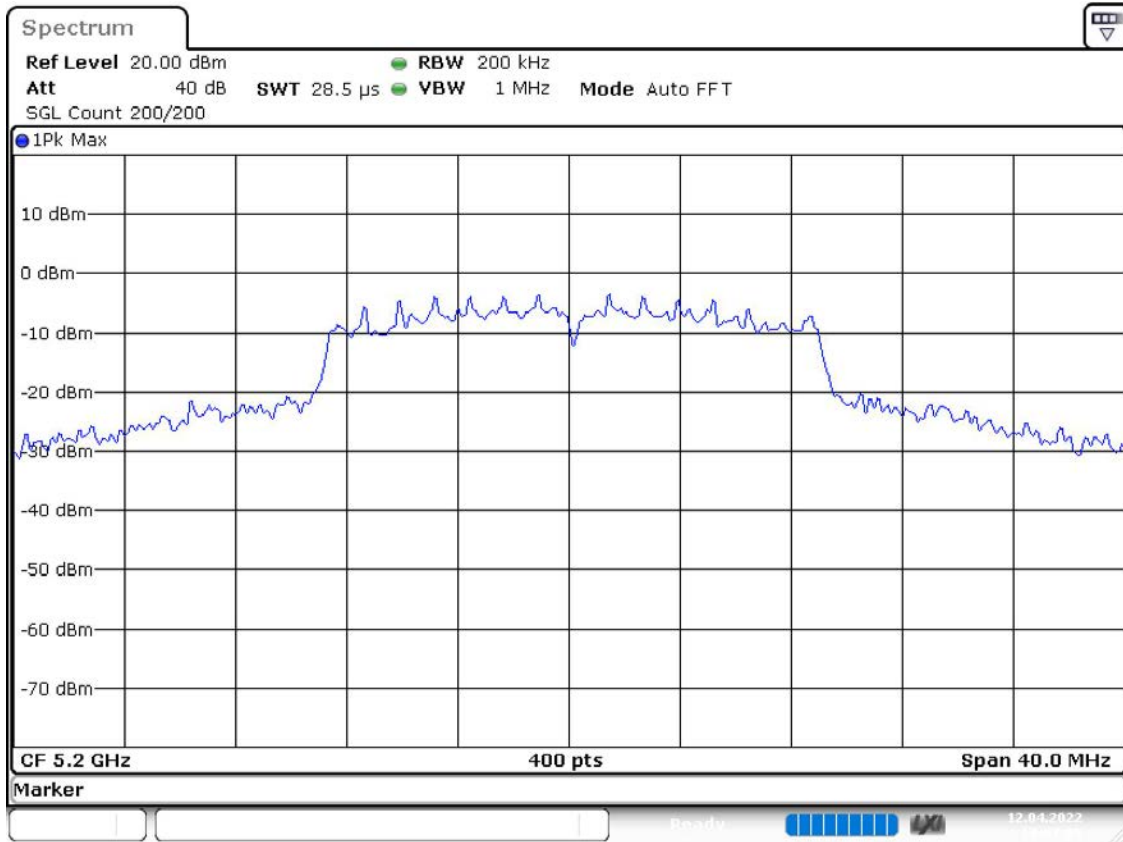
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5200.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:07:05

### Emission Bandwidth 26 dB (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

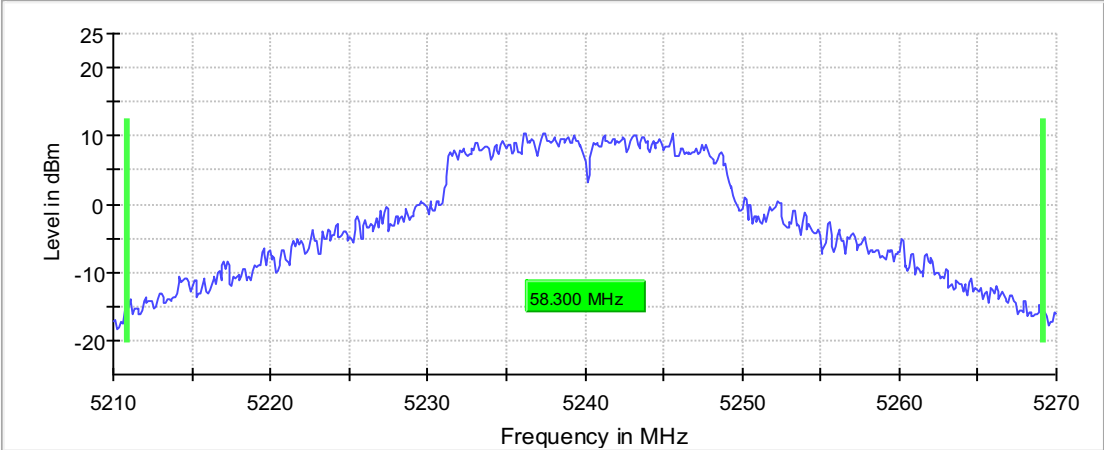
#### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 58.300000       | ---             | ---             | 5210.850000          | 5269.150000           |

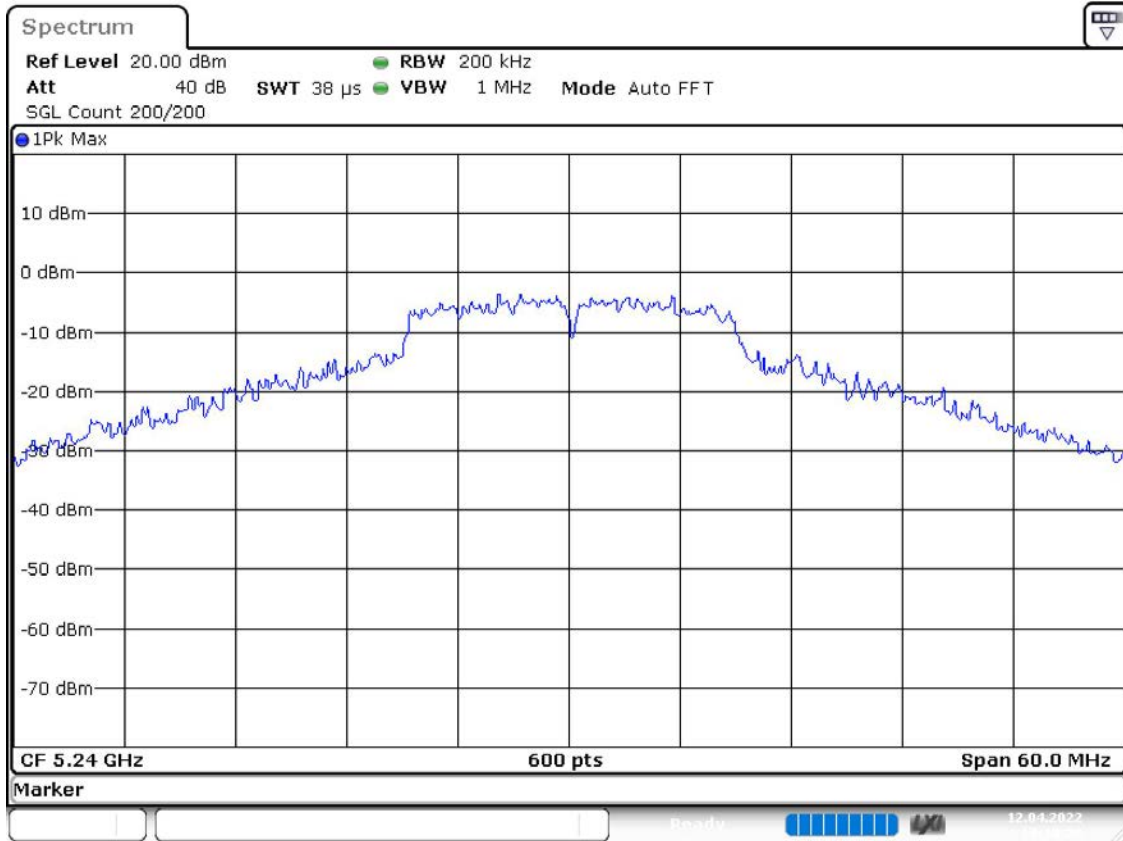
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5240.000000         | 10.5            | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:10:28

### Occupied Channel Bandwidth 99% (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

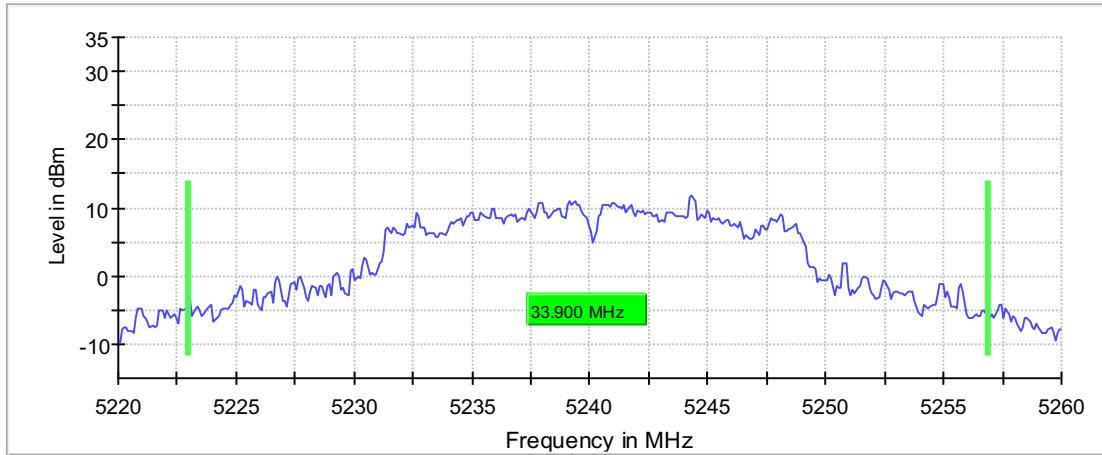
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 33.900000       | ---             | ---             | 5222.950000          | 5256.850000           |

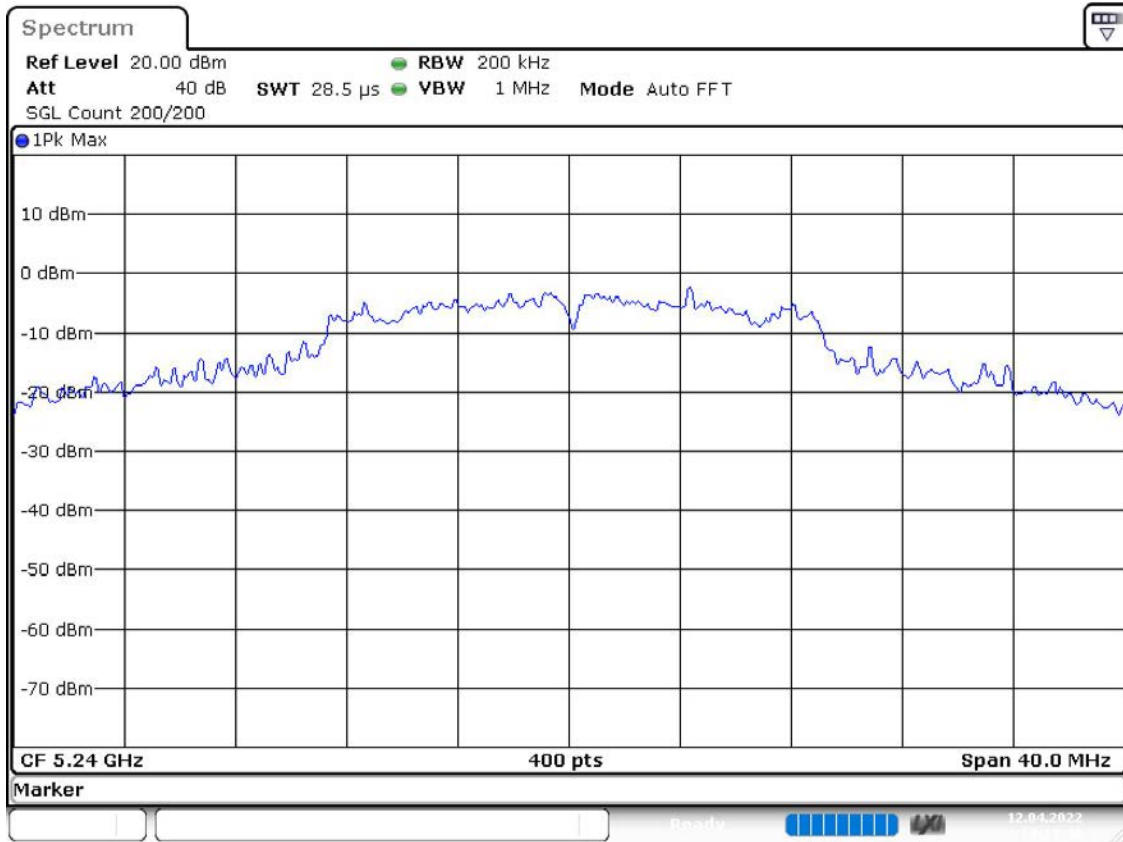
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5240.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:11:48



## Emission Bandwidth 26 dB (5190 MHz; 24.000 dBm; 40 MHz)

Customized settings.

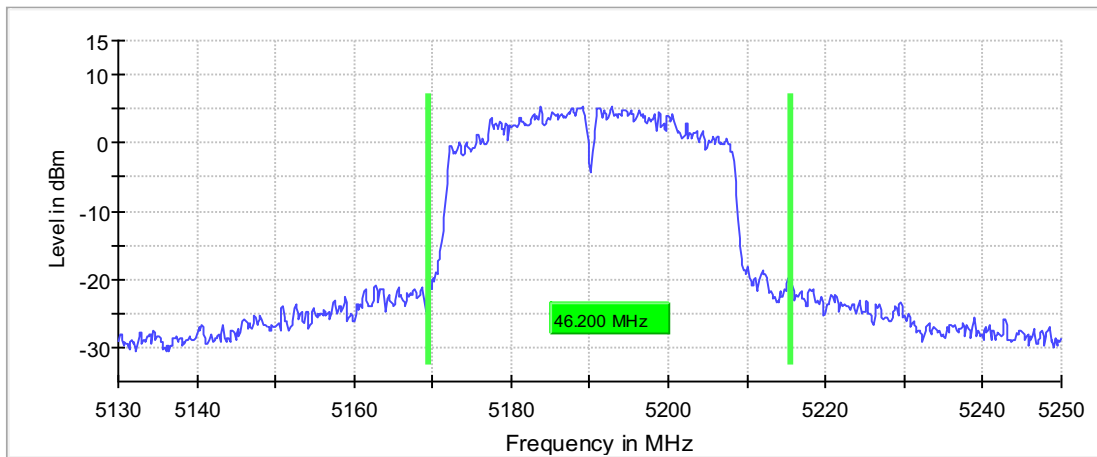
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5190.000000         | 46.200000       | ---             | ---             | 5169.375000          | 5215.575000           |

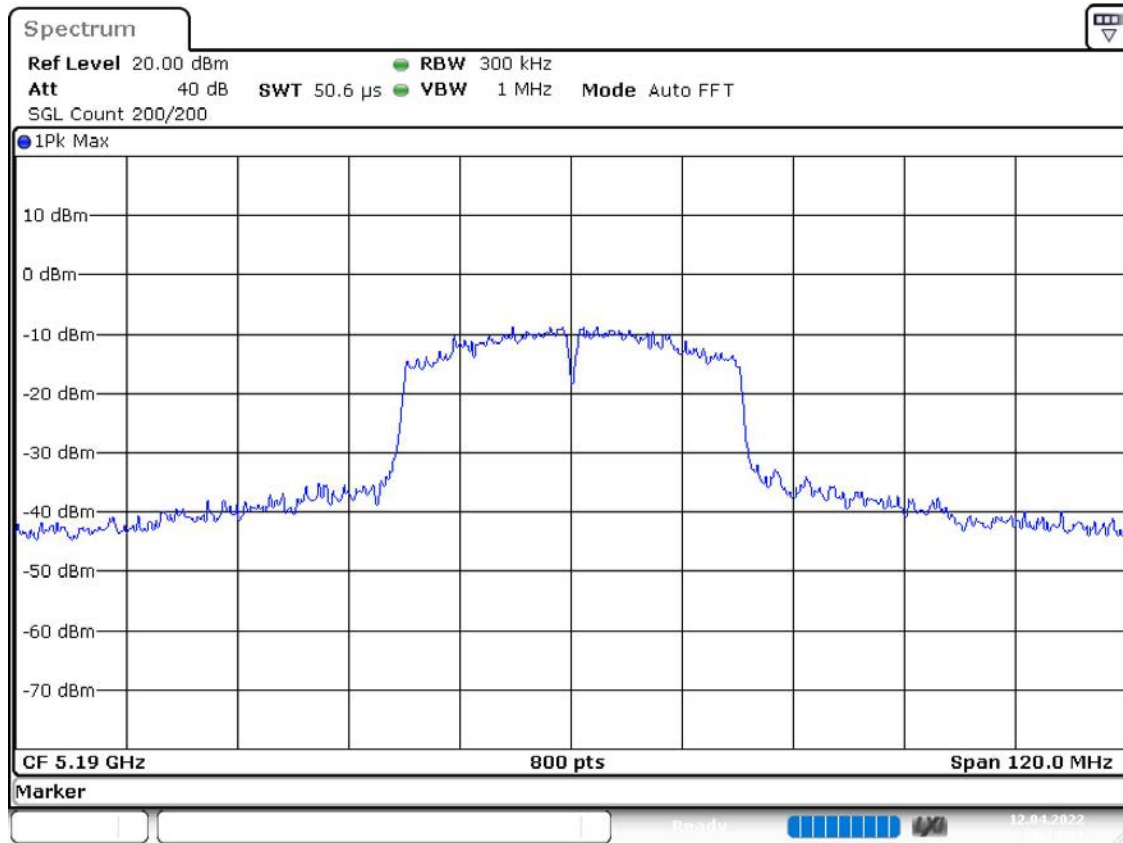
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5190.000000         | 5.3             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:13:31

## Occupied Channel Bandwidth 99% (5190 MHz; 24.000 dBm; 40 MHz)

Customized settings.

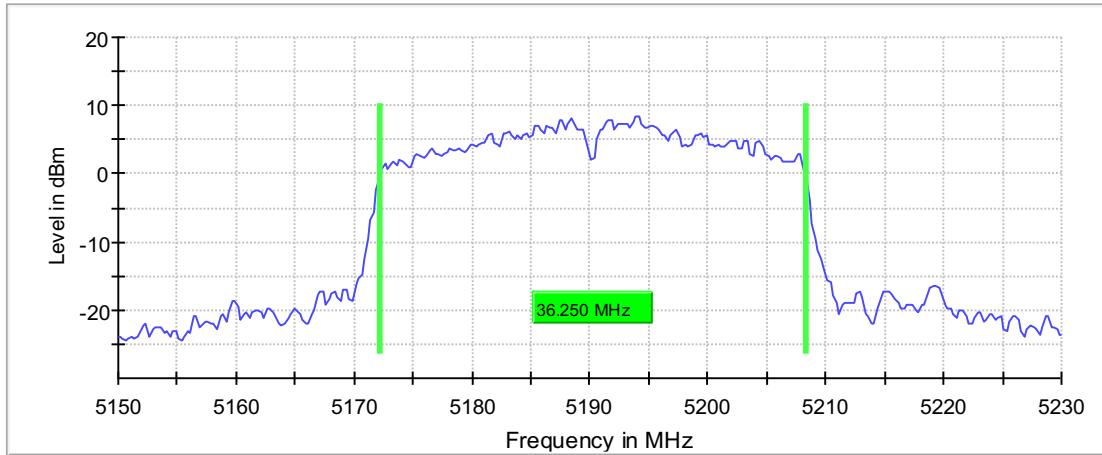
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5190.000000         | 36.250000       | ---             | ---             | 5172.125000          | 5208.375000           |

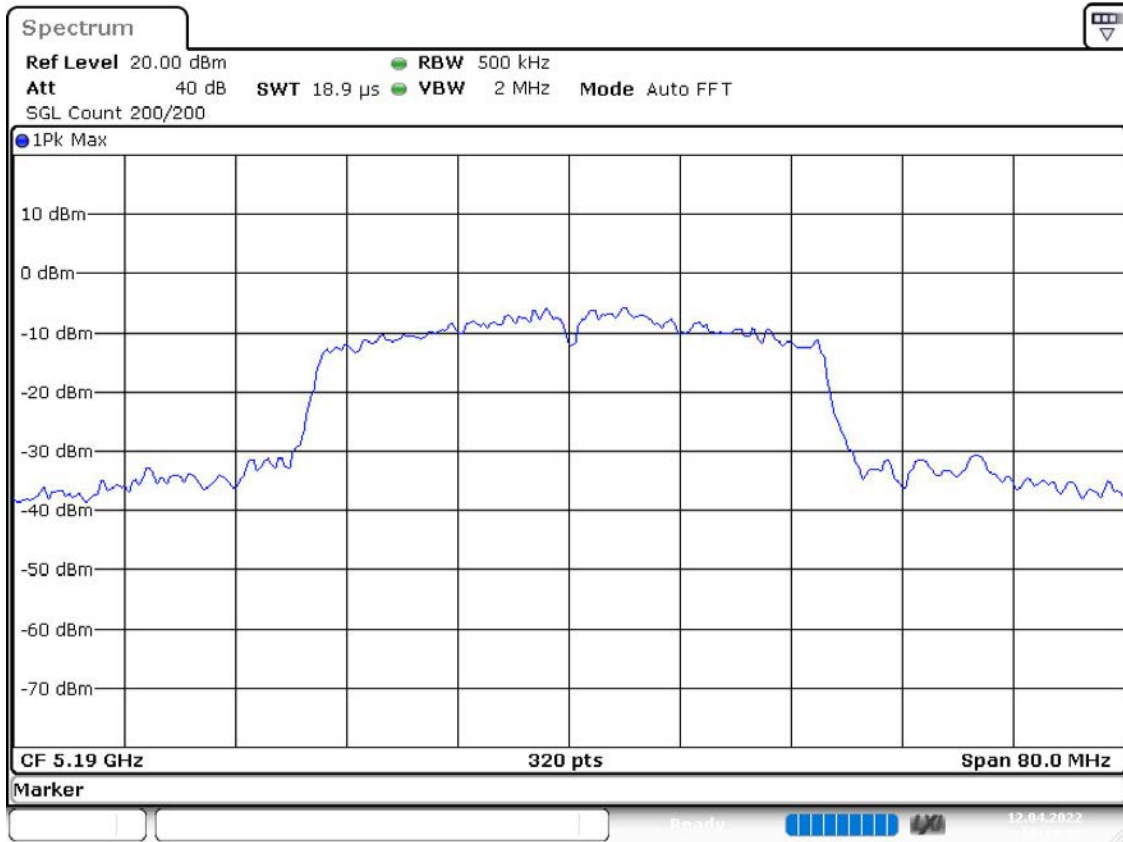
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5190.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:14:51

## Emission Bandwidth 26 dB (5230 MHz; 24.000 dBm; 40 MHz)

Customized settings.

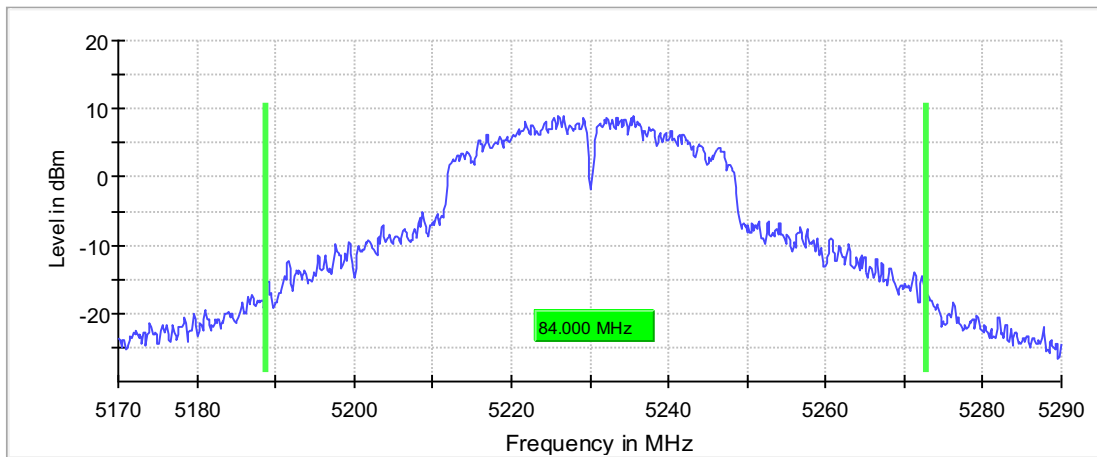
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 84.000000       | ---             | ---             | 5188.675000          | 5272.675000           |

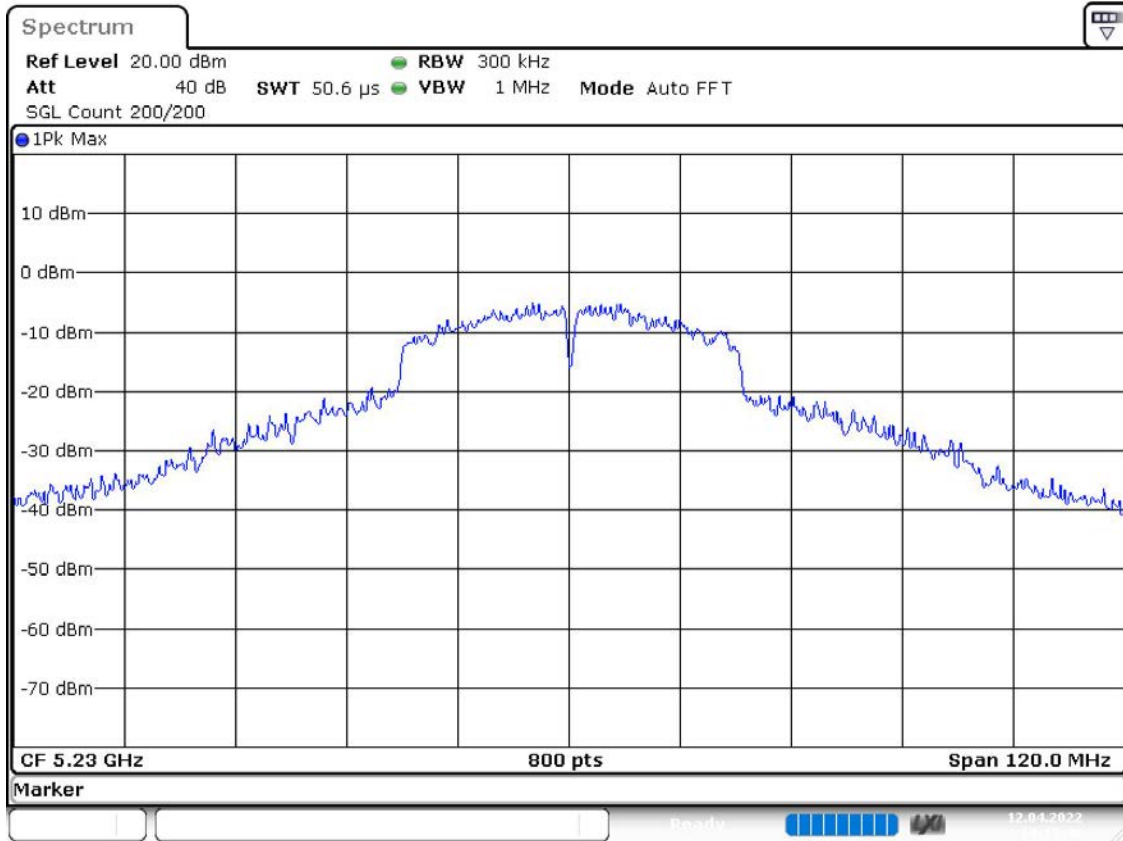
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5230.000000         | 9.0             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:15:42

### Occupied Channel Bandwidth 99% (5230 MHz; 24.000 dBm; 40 MHz)

Customized settings.

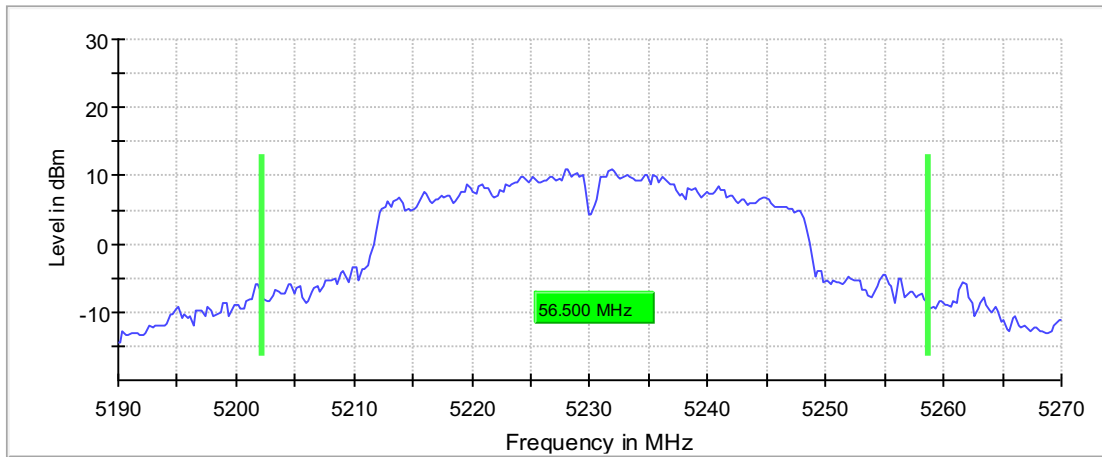
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 56.500000       | ---             | ---             | 5202.125000          | 5258.625000           |

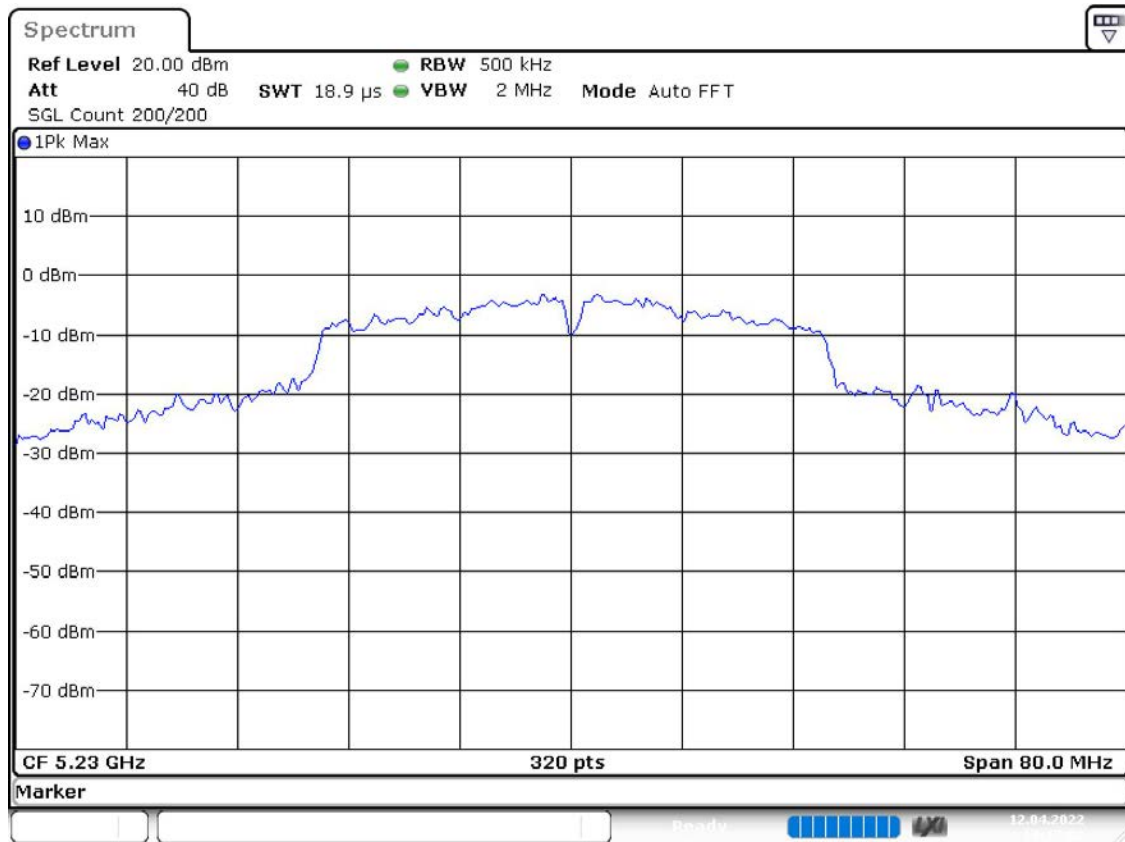
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5230.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:17:02

## Emission Bandwidth 26 dB (5210 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) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5210.000000         | 80.500000       | ---             | ---             | 5170.250000          | 5250.750000           |

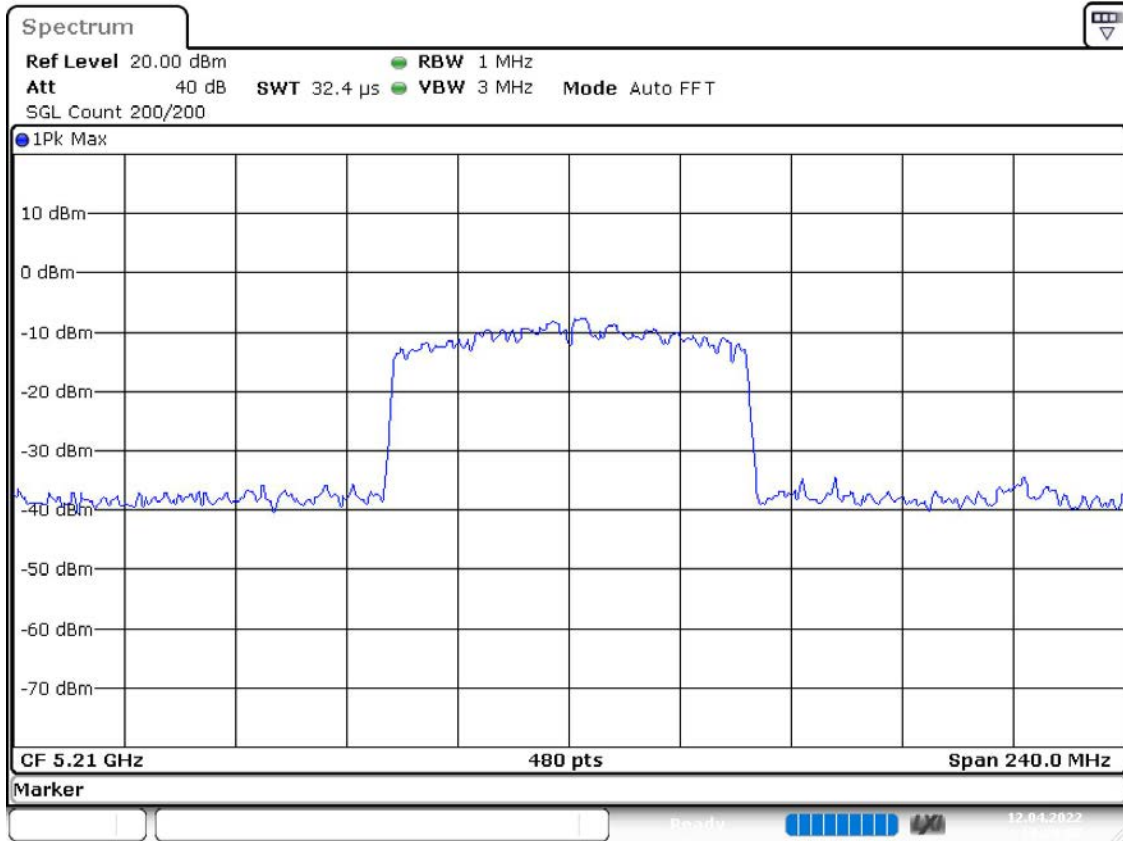
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5210.000000         | 6.4             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:20:07

## Occupied Channel Bandwidth 99% (5210 MHz; 24.000 dBm; 80 MHz)

Customized settings.

### 99 % Bandwidth

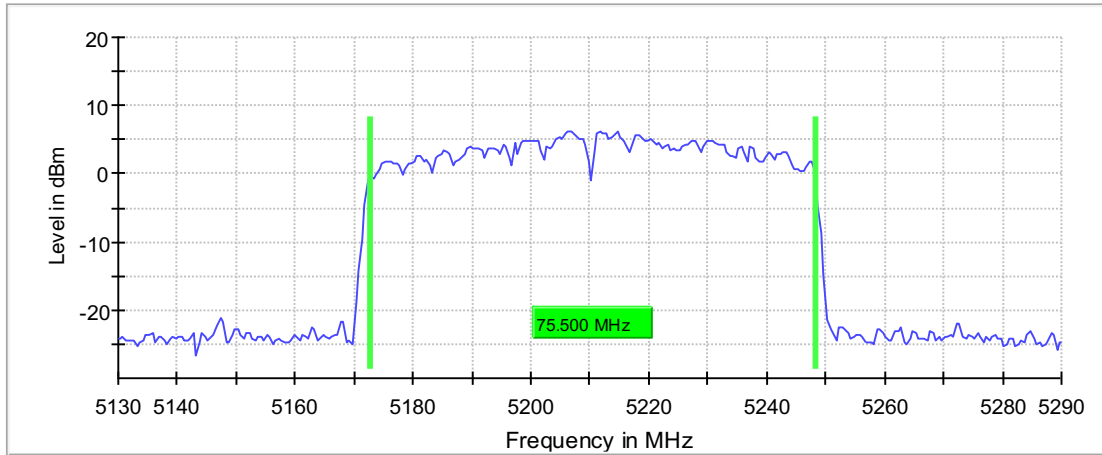
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5210.000000         | 75.500000       | ---             | ---             | 5172.750000          | 5248.250000           |

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

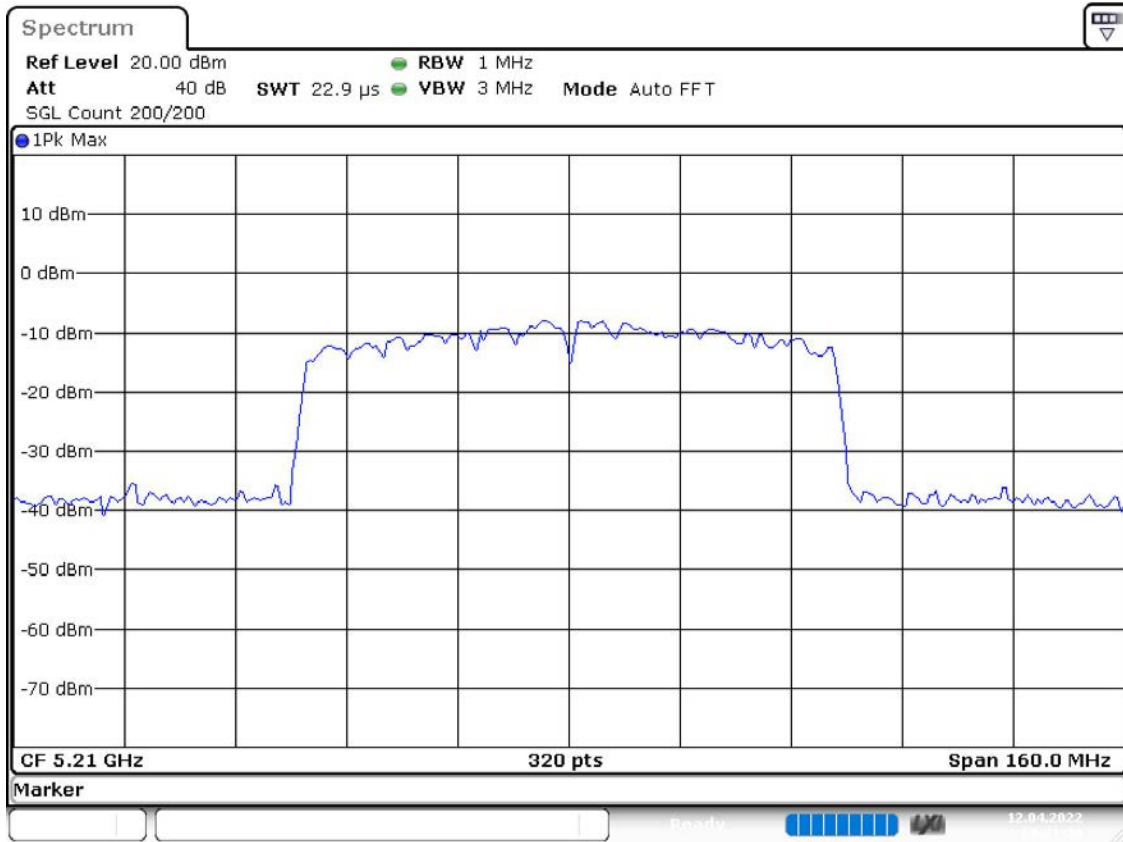
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5210.000000         | PASS   |



99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:21:29

### 3 HE Mode

## Summary

| Test                           | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|--------------------------------|-----------------|---------------------|-------------------------|--------|
| Emission Bandwidth 26 dB       | 5180.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5180.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density         | 5180.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5180.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5200.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5200.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5240.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5240.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5190.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5190.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5230.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5230.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5210.000        | 24.0                | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5210.000        | 24.0                | 80.000000               | PASS   |

## Emission Bandwidth 26 dB (5180 MHz; 24.000 dBm; 20 MHz)

Customized settings.

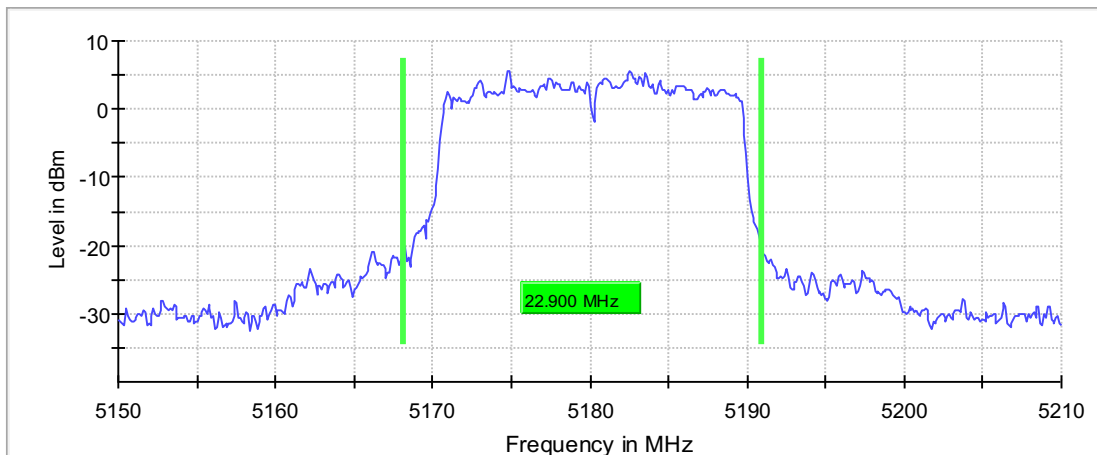
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5180.000000         | 22.900000       | ---             | ---             | 5168.050000          | 5190.950000           |

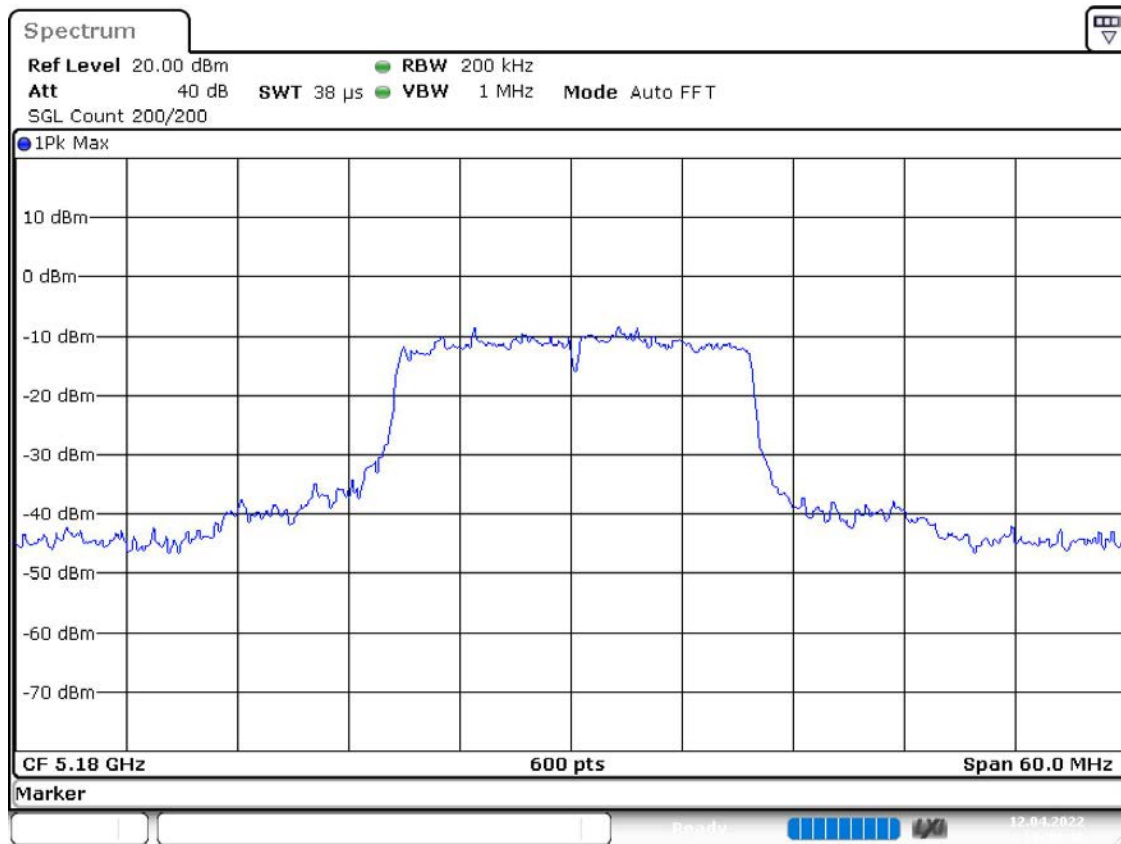
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5180.000000         | 5.7             | PASS   |

26 dB Bandwidth



## Bandwidth



Date: 12.APR.2022 10:33:49

## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.15000 GHz      | 5.15000 GHz    |
| Stop Frequency  | 5.21000 GHz      | 5.21000 GHz    |
| Span            | 60.000 MHz       | 60.000 MHz     |
| RBW             | 200.000 kHz      | ~ 200.000 kHz  |
| VBW             | 1.000 MHz        | >= 600.000 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      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

**RF output power (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

**Result**

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5180.000000         | 25.1            | 30.0            | 25.1             | 87.609        | 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 (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

**Result**

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5180.000000         | 5181.386139     | 10.307    | 17.0            | PASS   |

**Ports**

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |
| 3    | used  |
| 4    | used  |

**Measurement**

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.17000 GHz      | 5.17000 GHz   |
| Stop Frequency  | 5.19000 GHz      | 5.19000 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 | 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% (5180 MHz; 24.000 dBm; 20 MHz)

Customized settings.

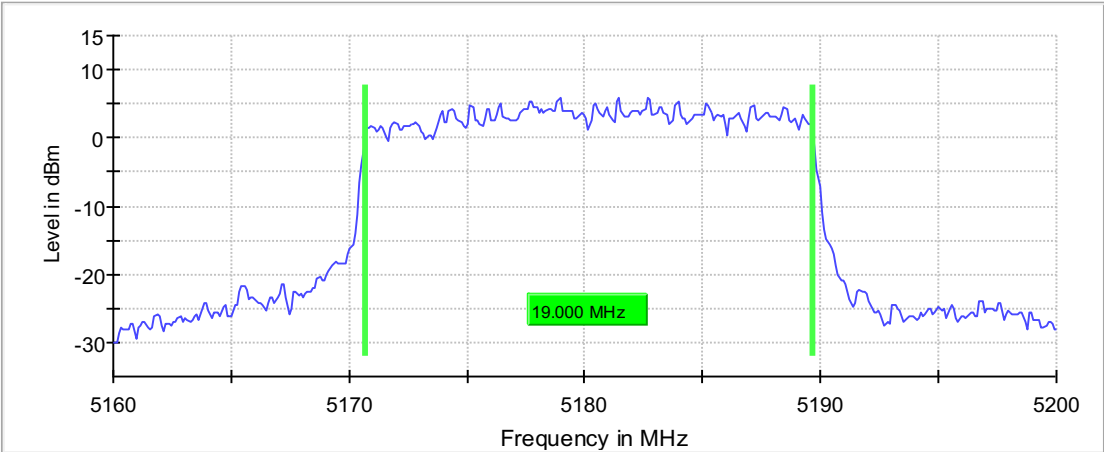
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5180.000000         | 19.000000       | ---             | ---             | 5170.650000          | 5189.650000           |

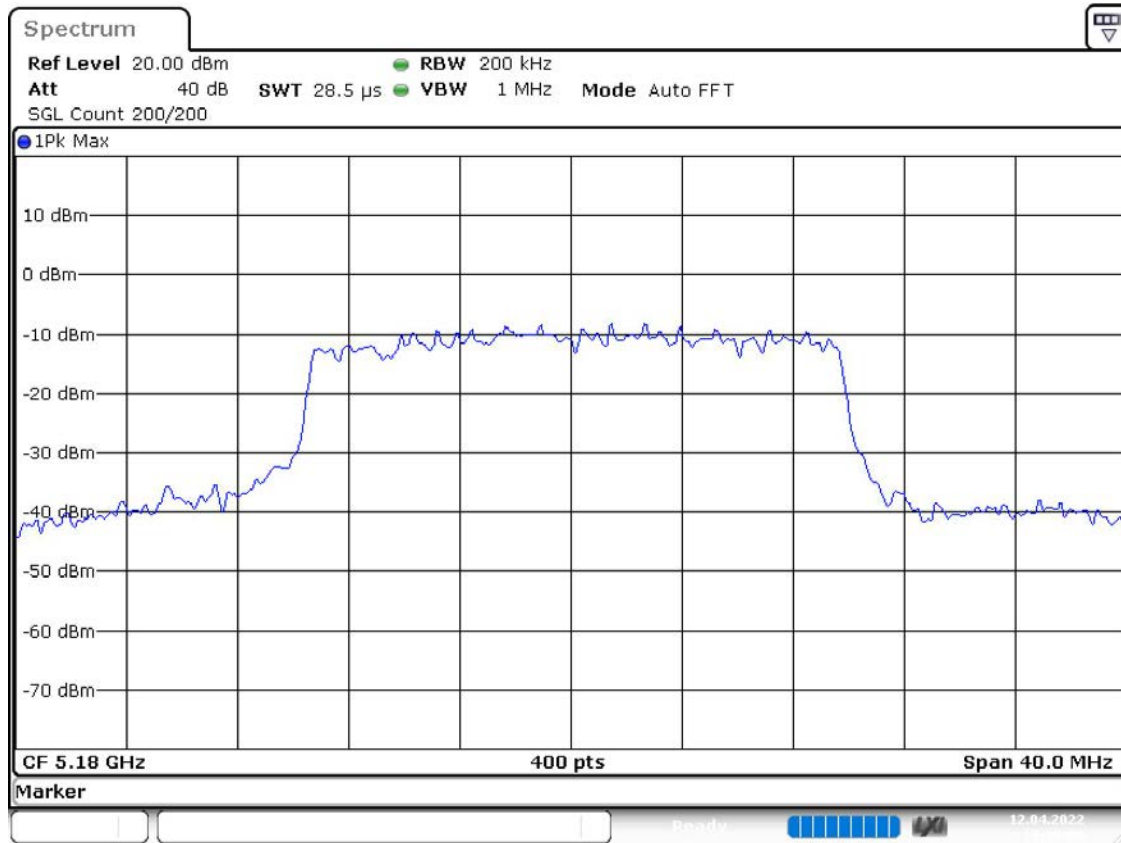
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5180.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:35:09

## Measurement

| Setting         | Instrument Value | Target Value       |
|-----------------|------------------|--------------------|
| Start Frequency | 5.16000 GHz      | 5.16000 GHz        |
| Stop Frequency  | 5.20000 GHz      | 5.20000 GHz        |
| Span            | 40.000 MHz       | 40.000 MHz         |
| RBW             | 200.000 kHz      | $\geq$ 200.000 kHz |
| VBW             | 1.000 MHz        | $\geq$ 600.000 kHz |
| SweepPoints     | 400              | $\sim$ 400         |
| SweepTime       | 28.477 $\mu$ s   | AUTO               |
| Reference Level | 20.000 dBm       | 20.000 dBm         |
| Attenuation     | 40.000 dB        | AUTO               |
| Detector        | MaxPeak          | MaxPeak            |
| SweepCount      | 200              | 200                |
| Filter          | 3 dB             | 3 dB               |
| Trace Mode      | Max Hold         | Max Hold           |
| Sweeptype       | FFT              | AUTO               |
| Preamp          | off              | off                |

## Emission Bandwidth 26 dB (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

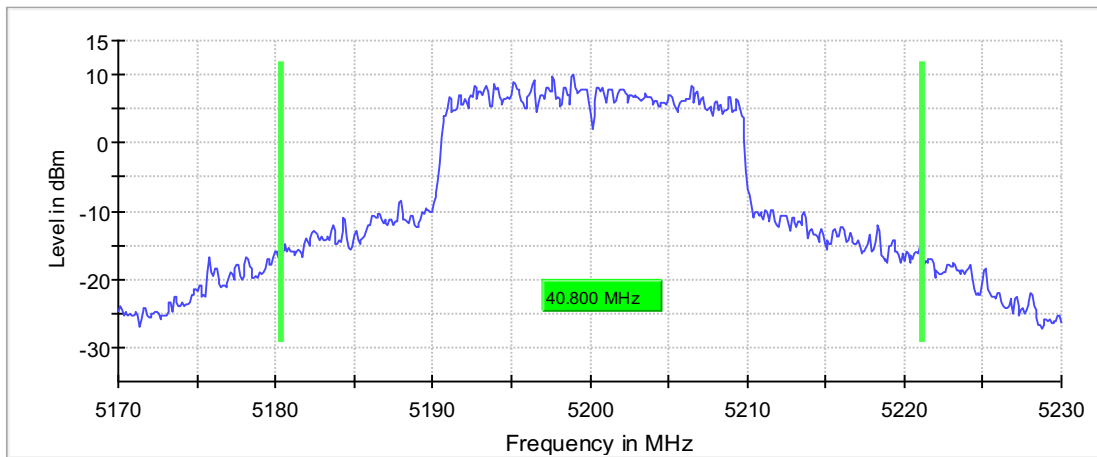
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 40.800000       | ---             | ---             | 5180.350000          | 5221.150000           |

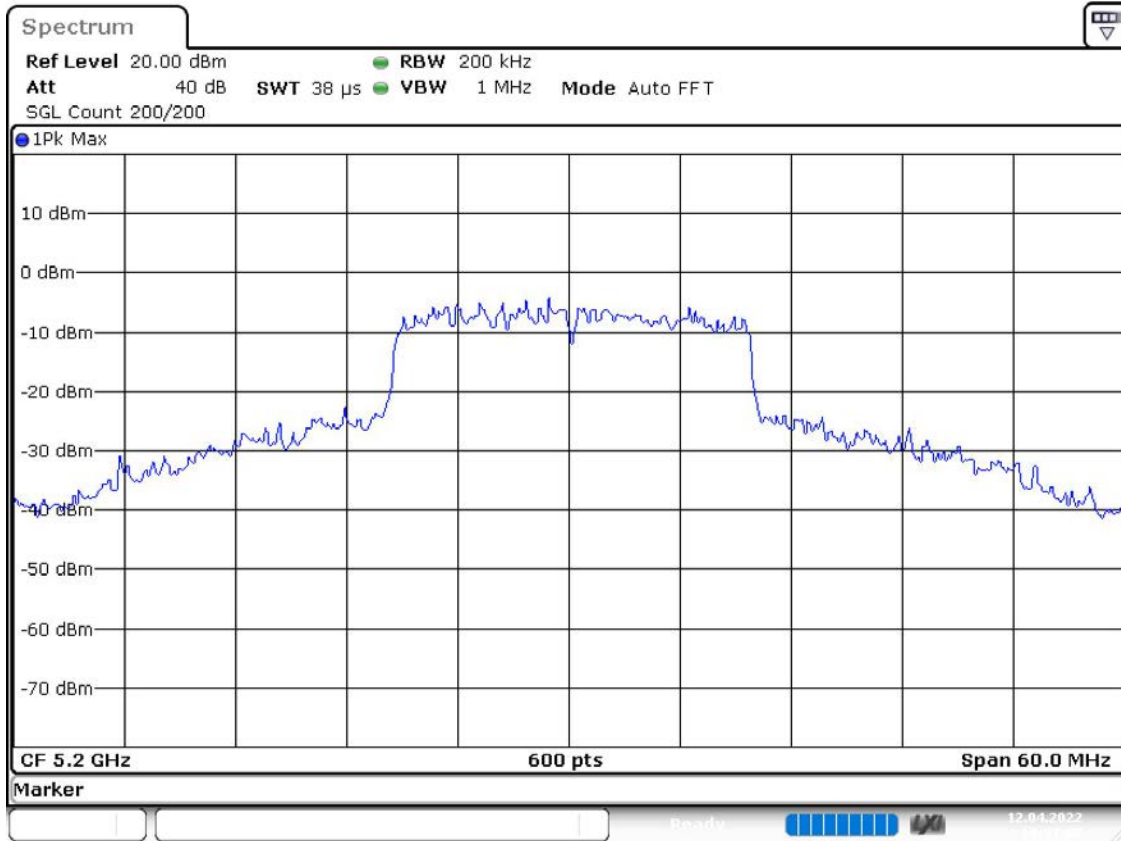
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 10.1            | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:37:07

## Occupied Channel Bandwidth 99% (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### 99 % Bandwidth

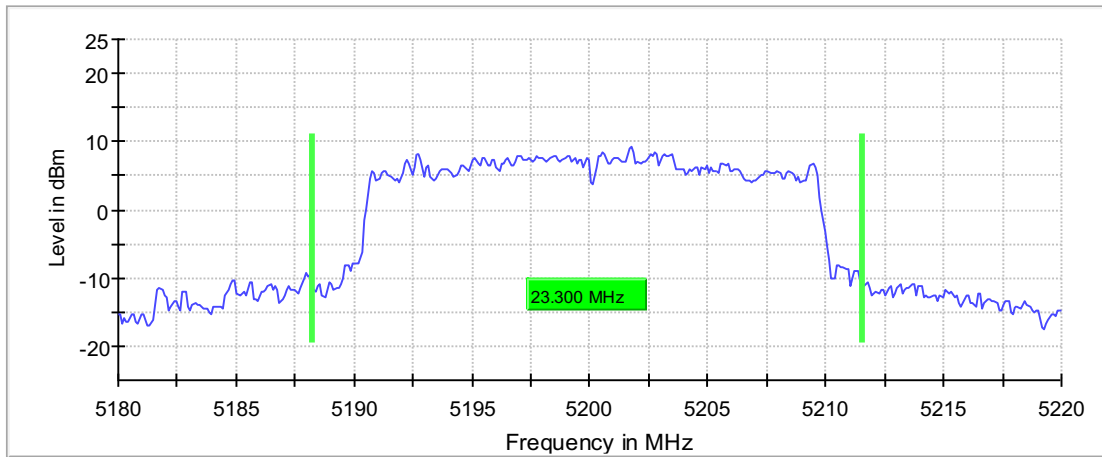
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 23.300000       | ---             | ---             | 5188.250000          | 5211.550000           |

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

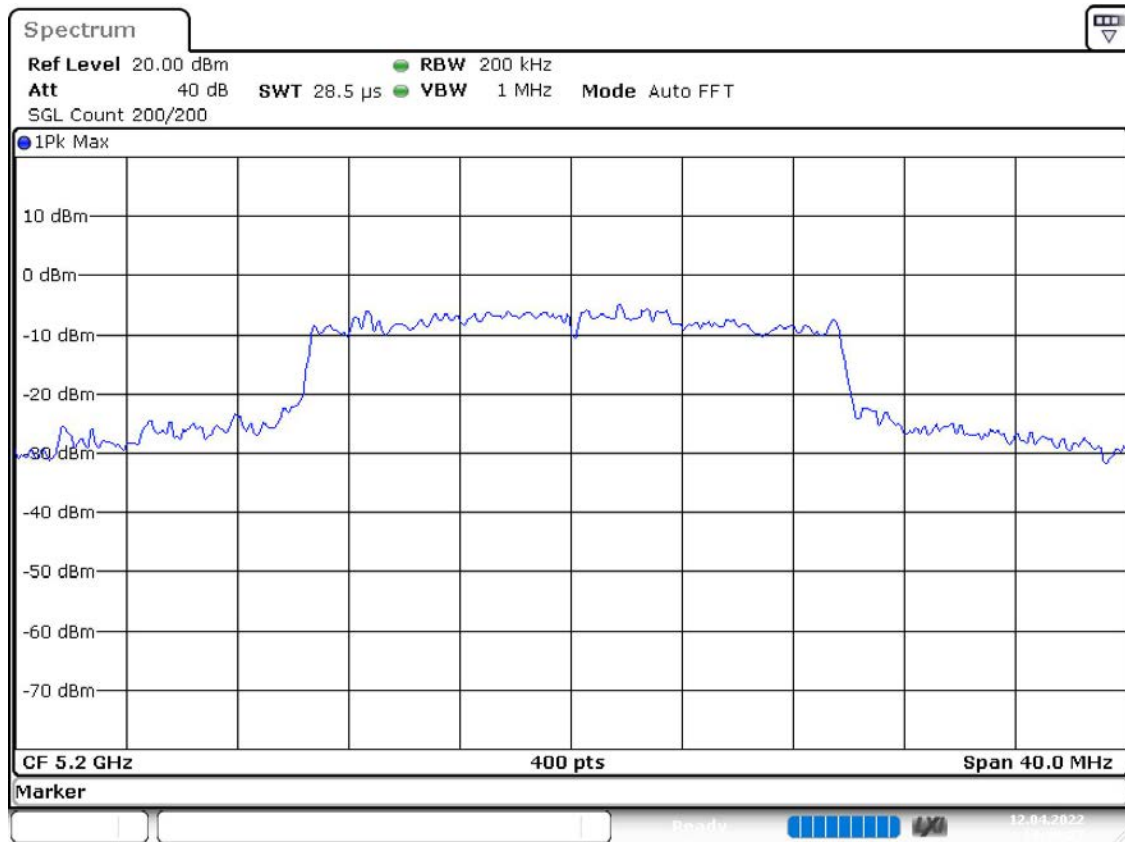
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5200.000000         | PASS   |



99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:38:27

## Emission Bandwidth 26 dB (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

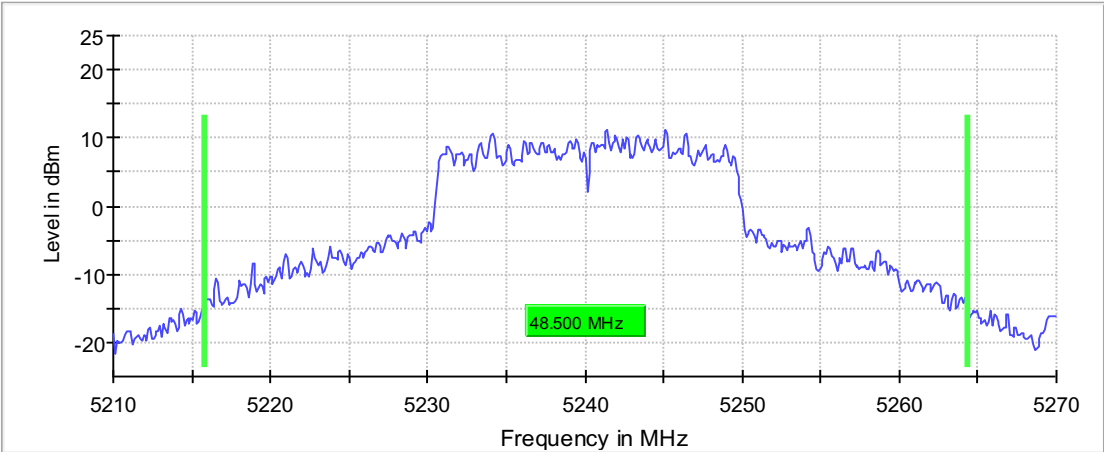
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 48.500000       | ---             | ---             | 5215.850000          | 5264.350000           |

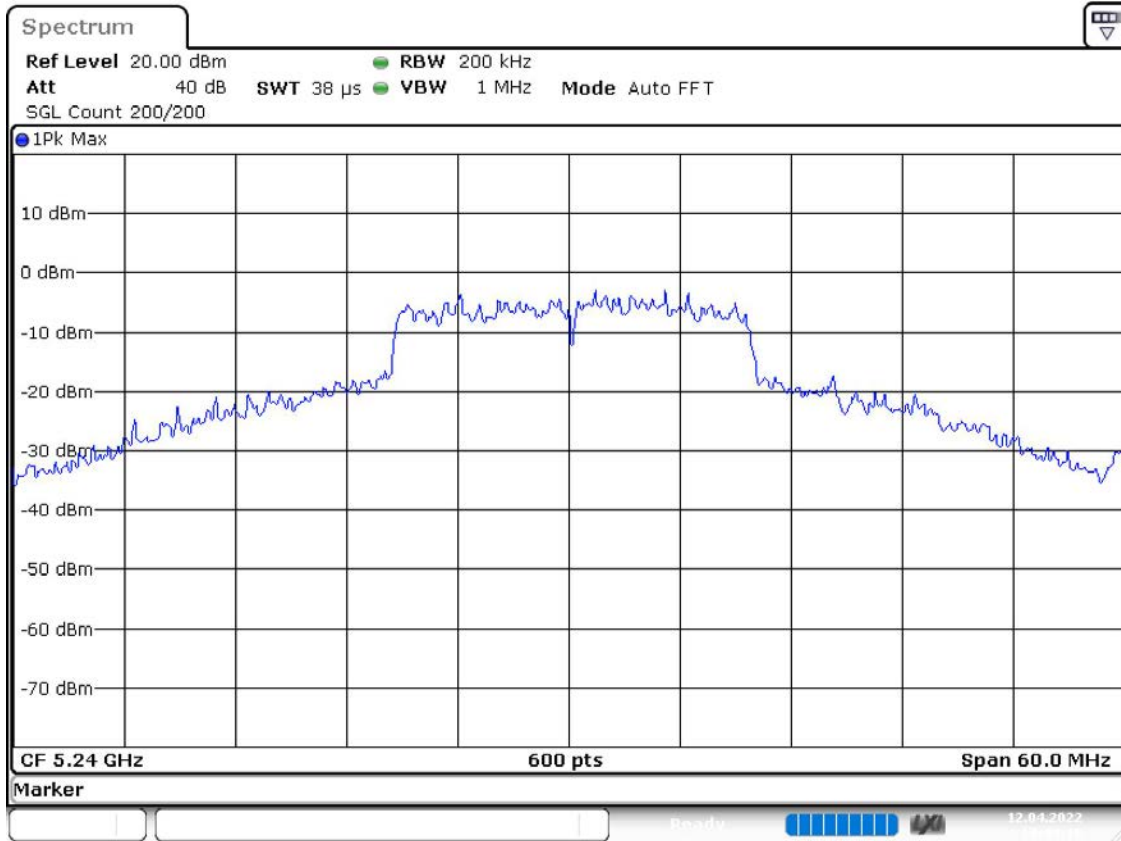
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5240.000000         | 11.3            | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:44:17

## Occupied Channel Bandwidth 99% (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

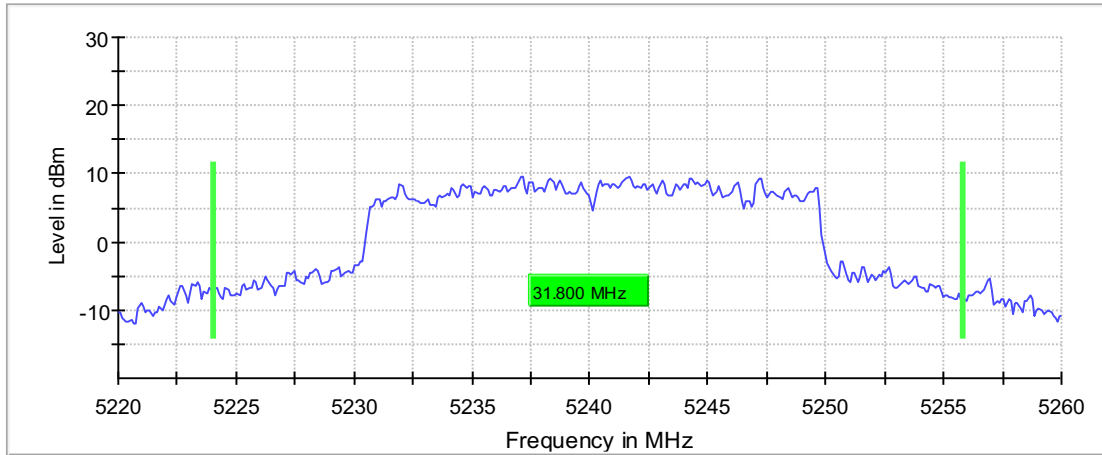
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 31.800000       | ---             | ---             | 5224.050000          | 5255.850000           |

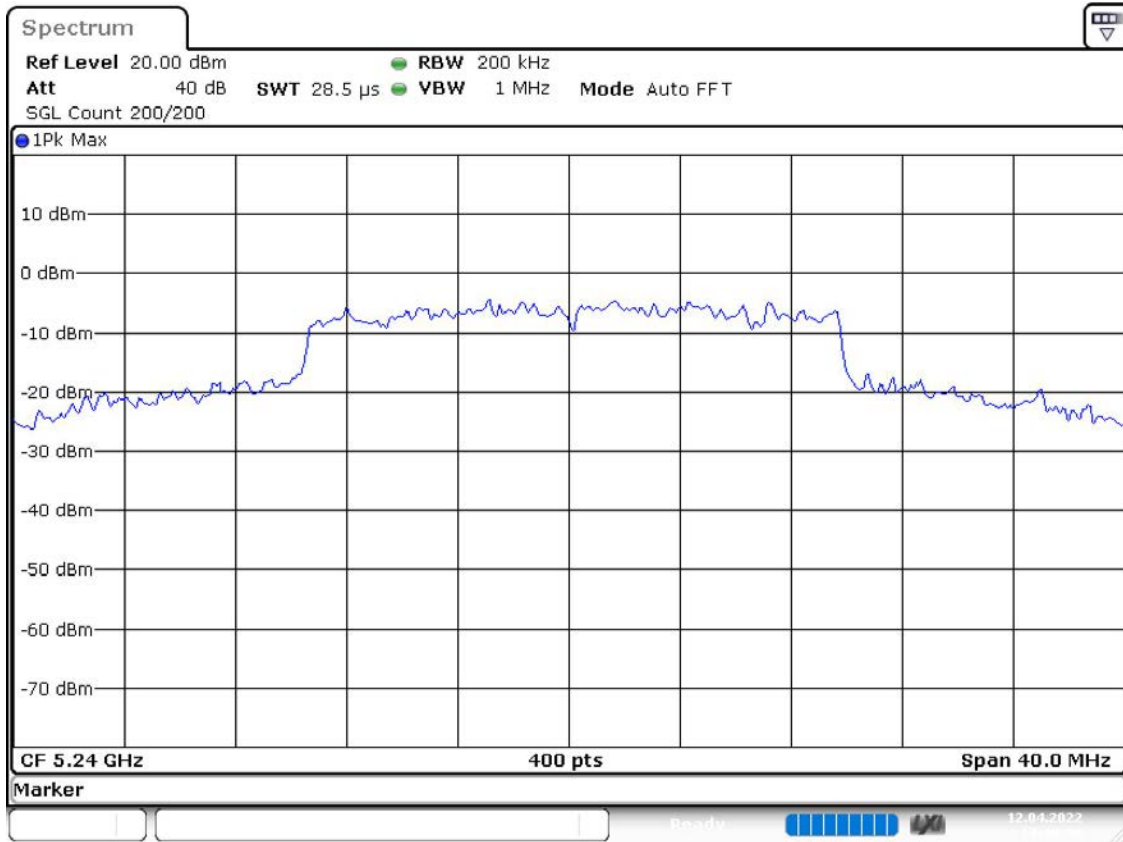
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5240.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:45:36

## Emission Bandwidth 26 dB (5190 MHz; 24.000 dBm; 40 MHz)

Customized settings.

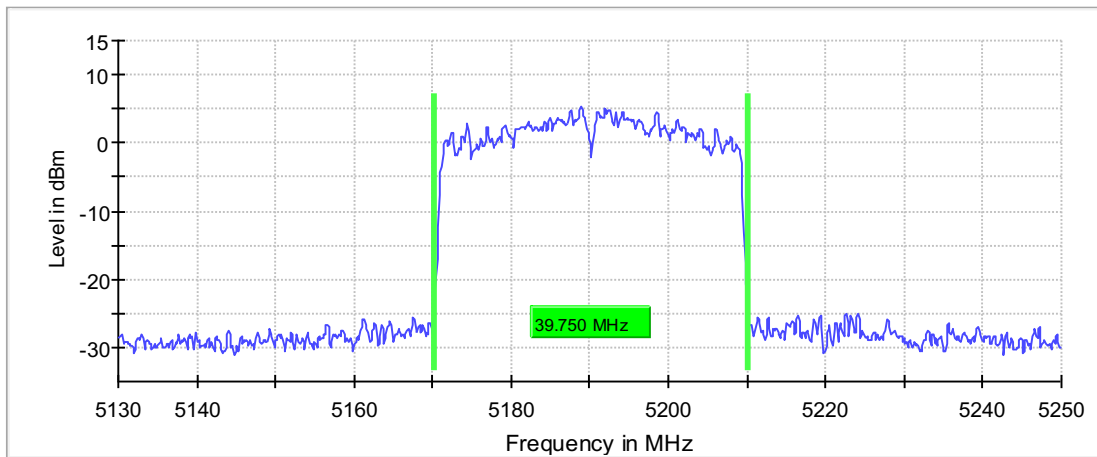
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5190.000000         | 39.750000       | ---             | ---             | 5170.275000          | 5210.025000           |

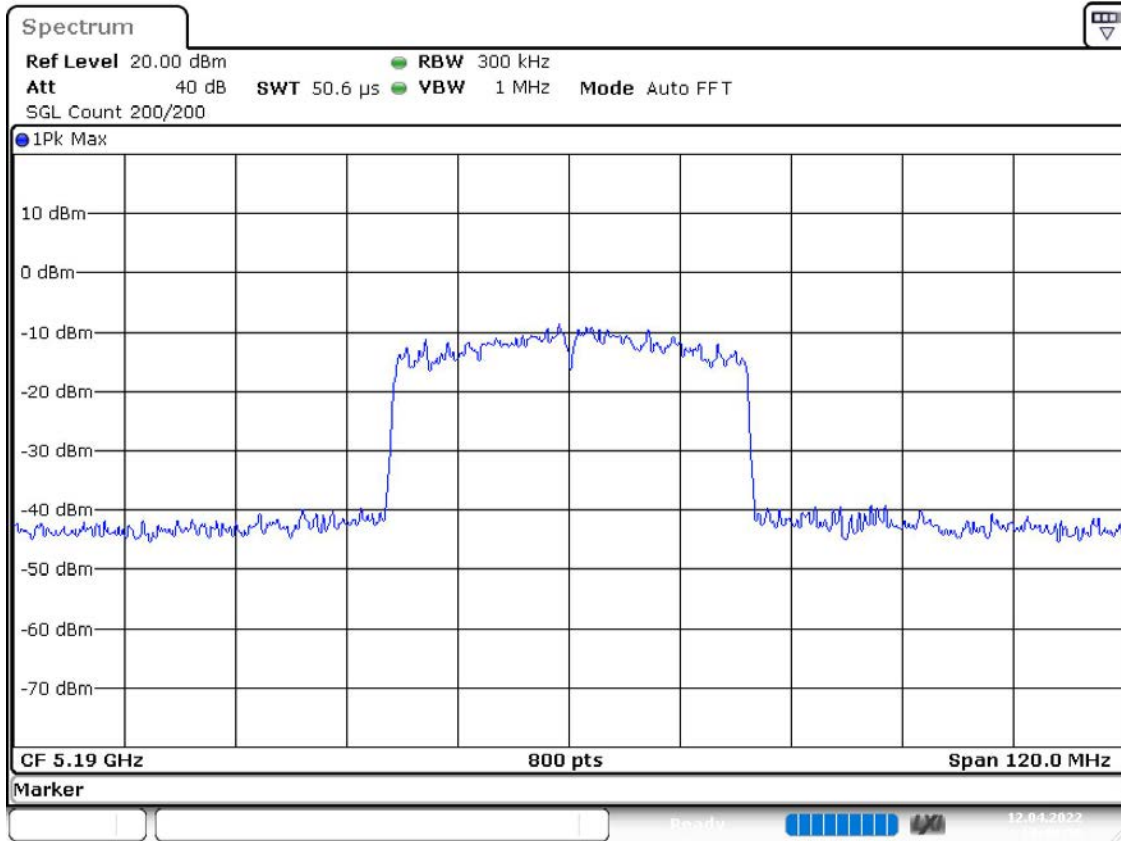
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5190.000000         | 5.4             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 10:48:57

## Occupied Channel Bandwidth 99% (5190 MHz; 24.000 dBm; 40 MHz)

Customized settings.

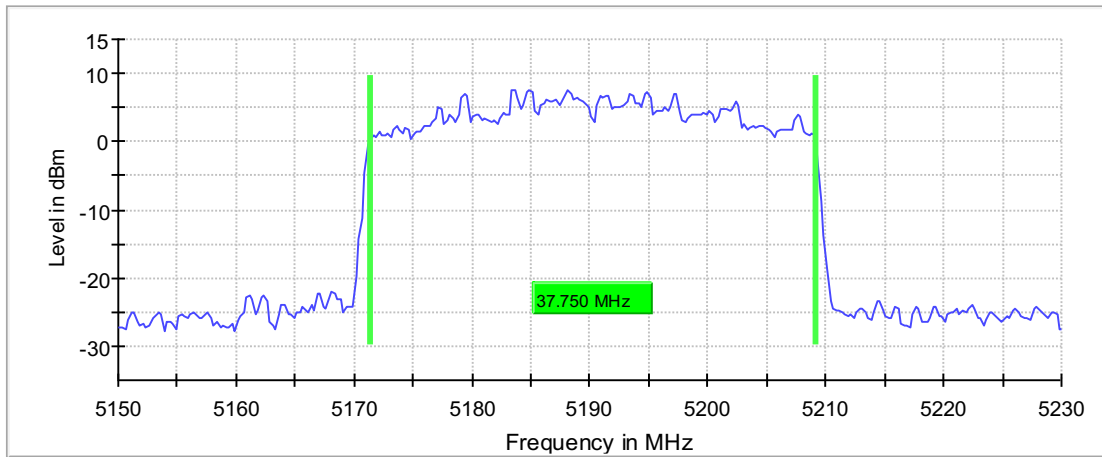
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5190.000000         | 37.750000       | ---             | ---             | 5171.375000          | 5209.125000           |

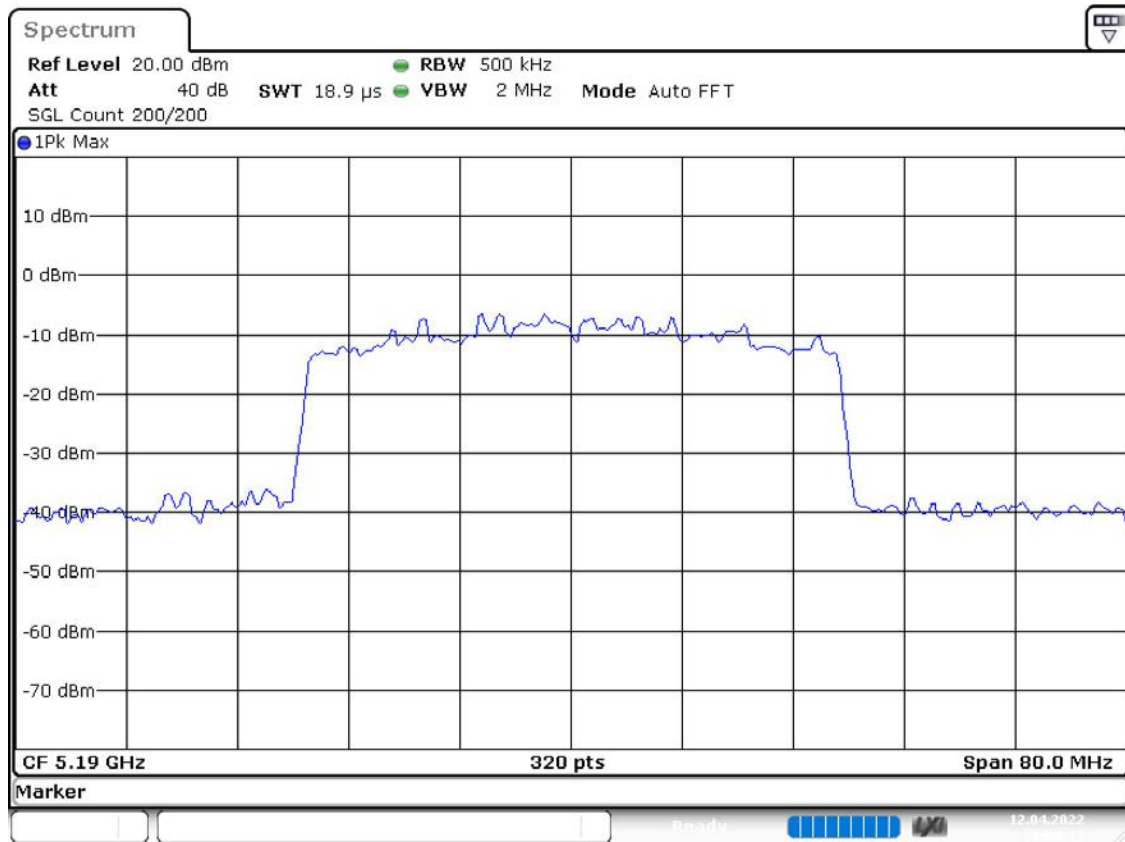
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5190.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:50:16

## Emission Bandwidth 26 dB (5230 MHz; 24.000 dBm; 40 MHz)

Customized settings.

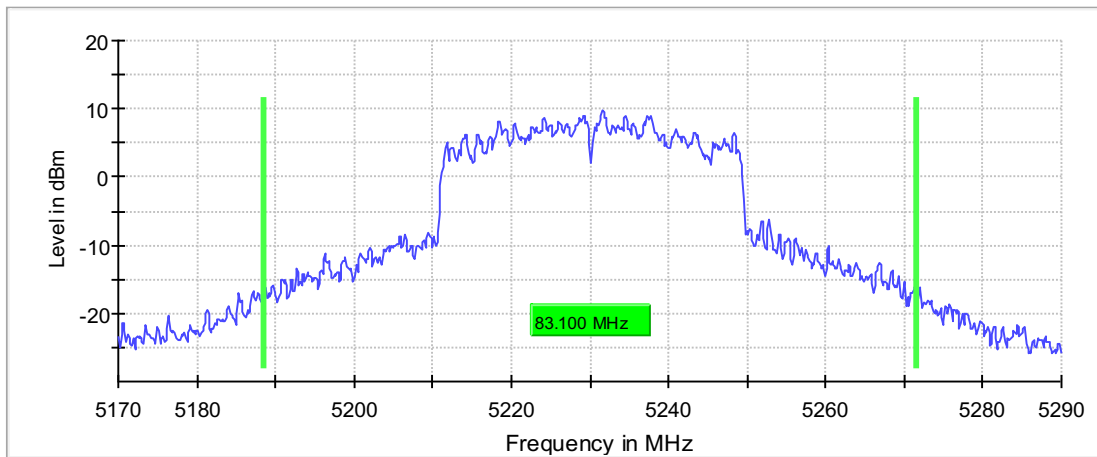
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 83.100000       | ---             | ---             | 5188.525000          | 5271.625000           |

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

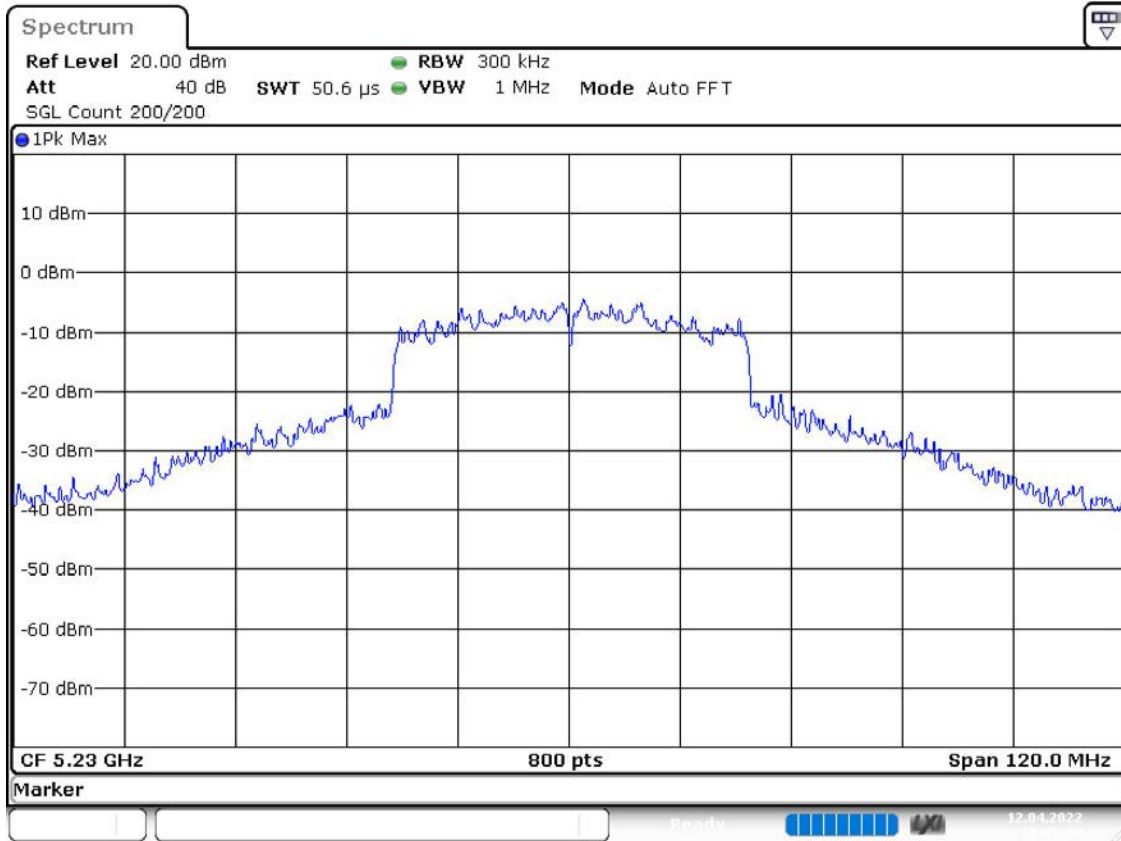
| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5230.000000         | 9.8             | PASS   |

26 dB Bandwidth



Bandwidth





Date: 12.APR.2022 10:51:47

### Occupied Channel Bandwidth 99% (5230 MHz; 24.000 dBm; 40 MHz)

Customized settings.

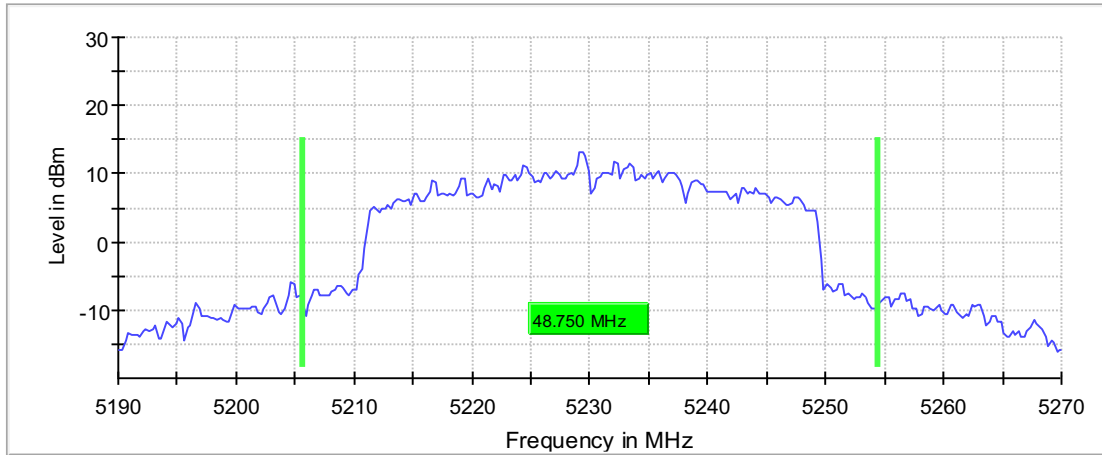
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 48.750000       | ---             | ---             | 5205.625000          | 5254.375000           |

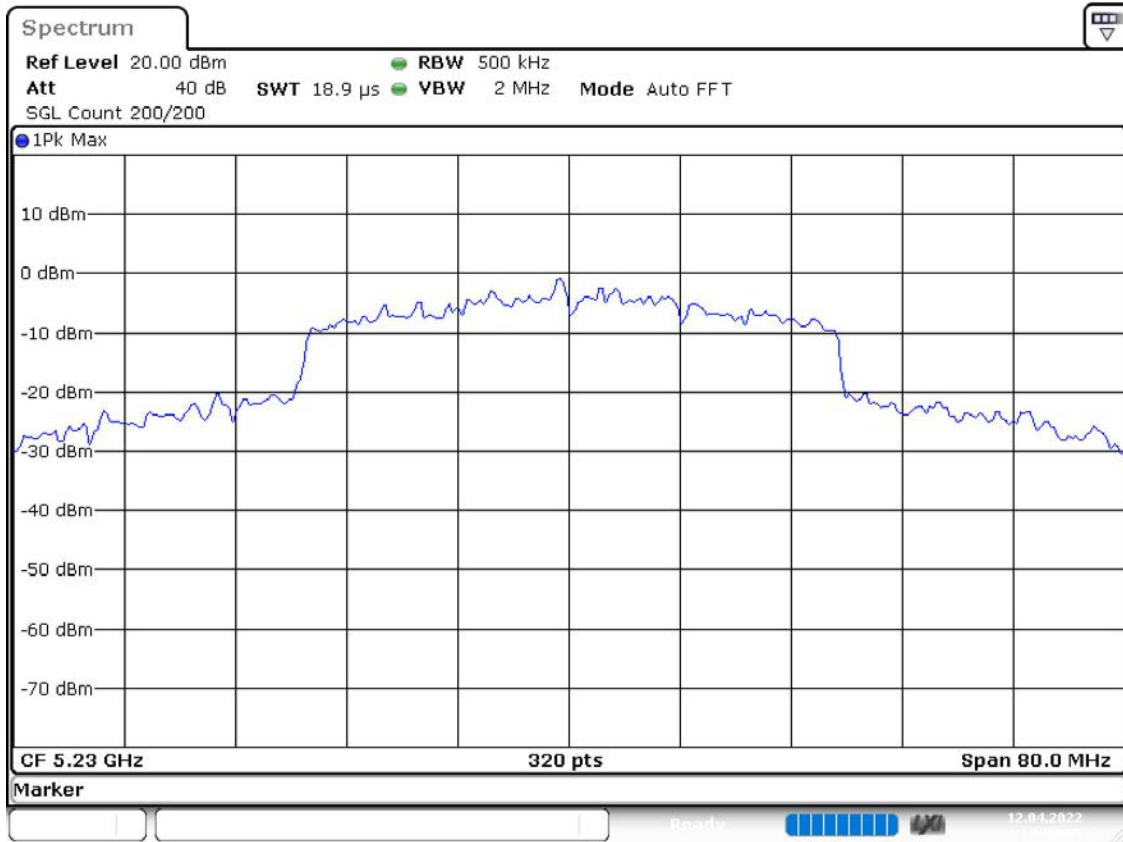
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5230.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 10:53:06

## Emission Bandwidth 26 dB (5210 MHz; 24.000 dBm; 80 MHz)

Customized settings.

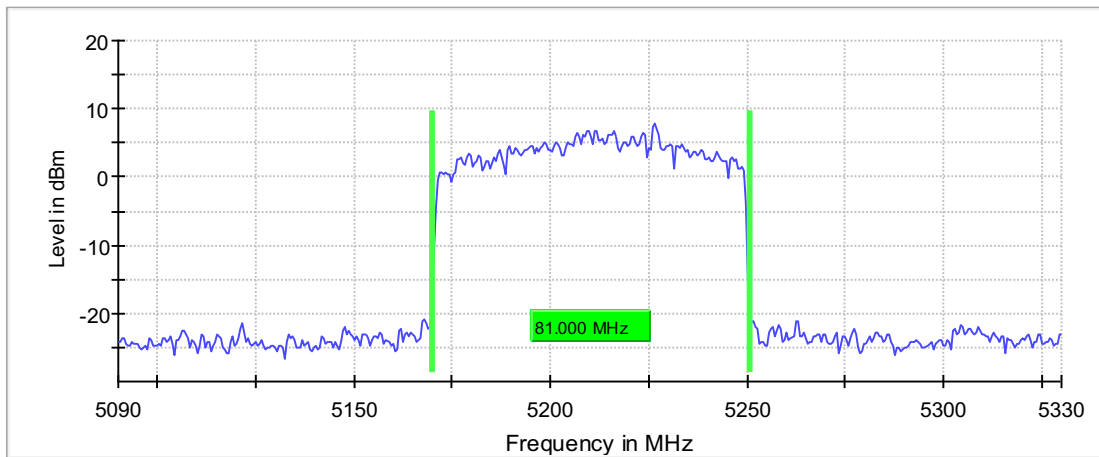
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5210.000000         | 81.000000       | ---             | ---             | 5169.750000          | 5250.750000           |

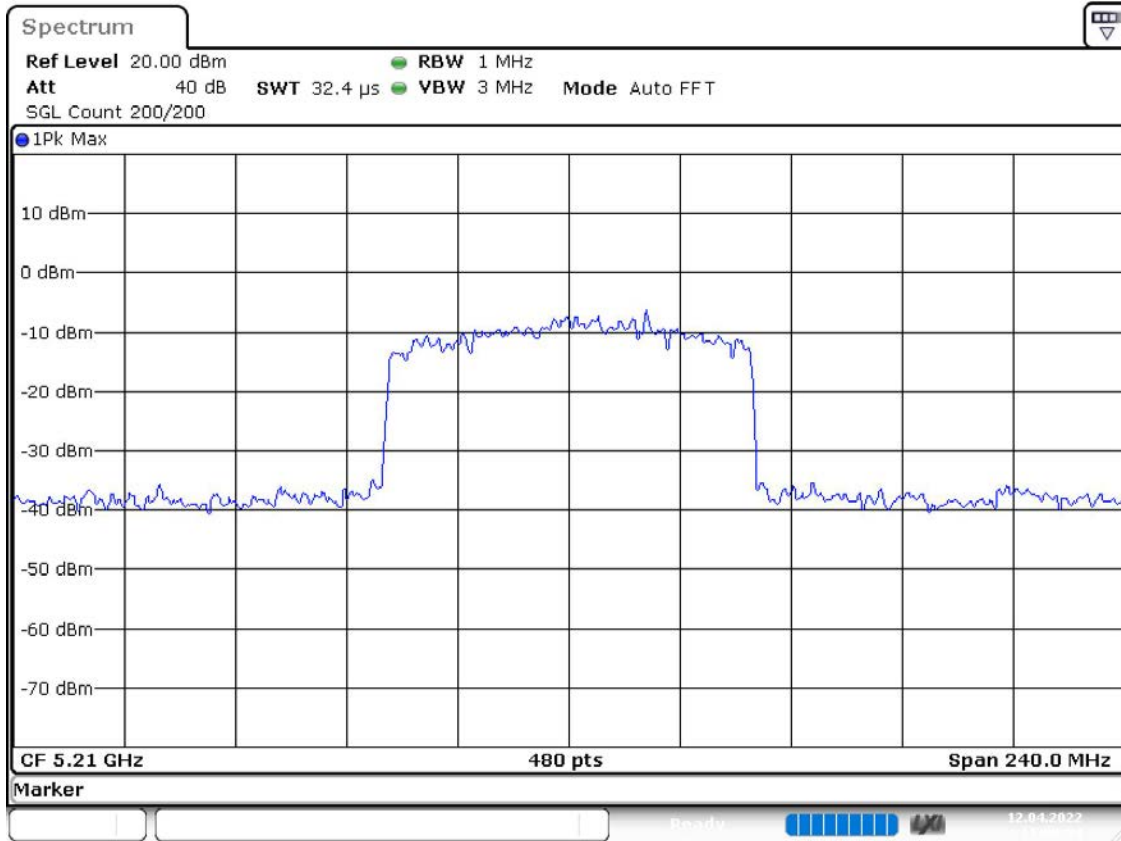
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5210.000000         | 7.9             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 12.APR.2022 11:00:35

## Occupied Channel Bandwidth 99% (5210 MHz; 24.000 dBm; 80 MHz)

Customized settings.

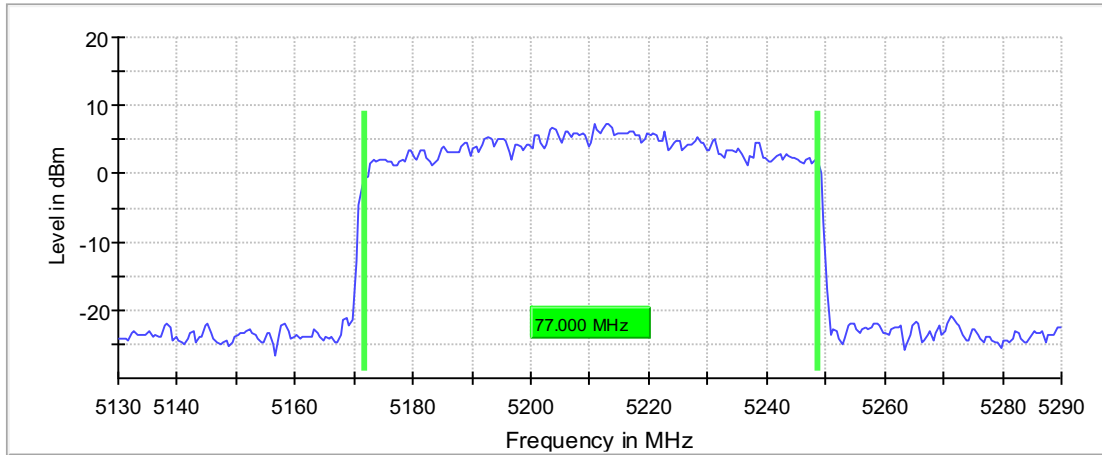
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5210.000000         | 77.000000       | ---             | ---             | 5171.750000          | 5248.750000           |

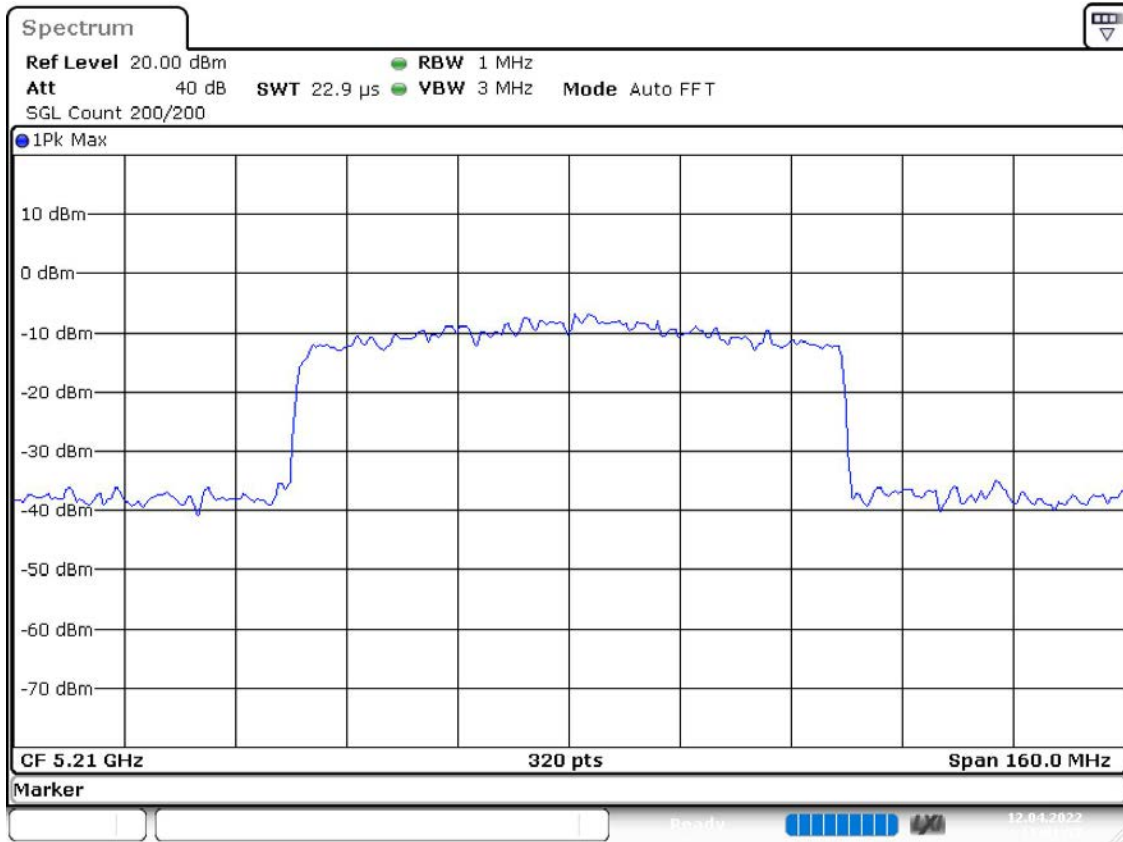
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5210.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 12.APR.2022 11:01:57

## 4 HT Mode

## Summary

| Test                           | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|--------------------------------|-----------------|---------------------|-------------------------|--------|
| Emission Bandwidth 26 dB       | 5180.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5180.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density         | 5180.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5180.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5200.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5200.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5240.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5240.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5190.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5190.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5230.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5230.000        | 24.0                | 40.000000               | PASS   |

## Emission Bandwidth 26 dB (5180 MHz; 24.000 dBm; 20 MHz)

Customized settings.

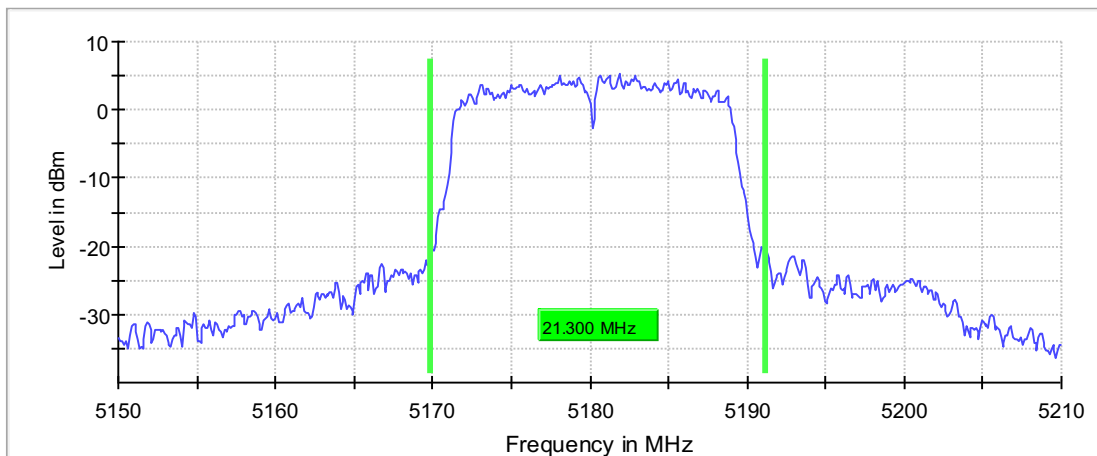
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5180.000000         | 21.300000       | ---             | ---             | 5169.850000          | 5191.150000           |

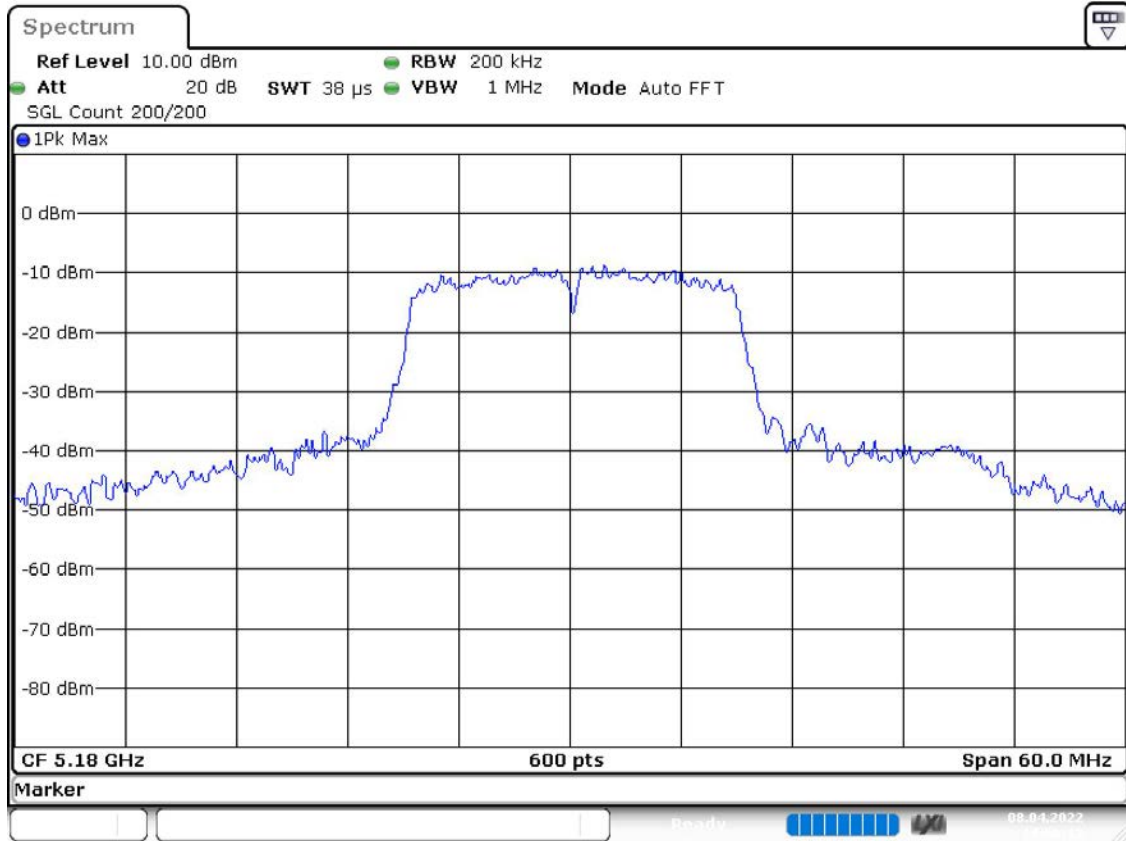
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5180.000000         | 5.4             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 8.APR.2022 14:56:14

## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.15000 GHz      | 5.15000 GHz    |
| Stop Frequency  | 5.21000 GHz      | 5.21000 GHz    |
| Span            | 60.000 MHz       | 60.000 MHz     |
| RBW             | 200.000 kHz      | ~ 200.000 kHz  |
| VBW             | 1.000 MHz        | >= 600.000 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      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

**RF output power (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

**Result**

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5180.000000         | 25.8            | 30.0            | 25.8             | 89.276        | 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 (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

**Result**

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5180.000000         | 5181.188119     | 11.524    | 17.0            | PASS   |

**Ports**

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |
| 3    | used  |
| 4    | used  |

**Measurement**

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.17000 GHz      | 5.17000 GHz   |
| Stop Frequency  | 5.19000 GHz      | 5.19000 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 | 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% (5180 MHz; 24.000 dBm; 20 MHz)**

Customized settings.

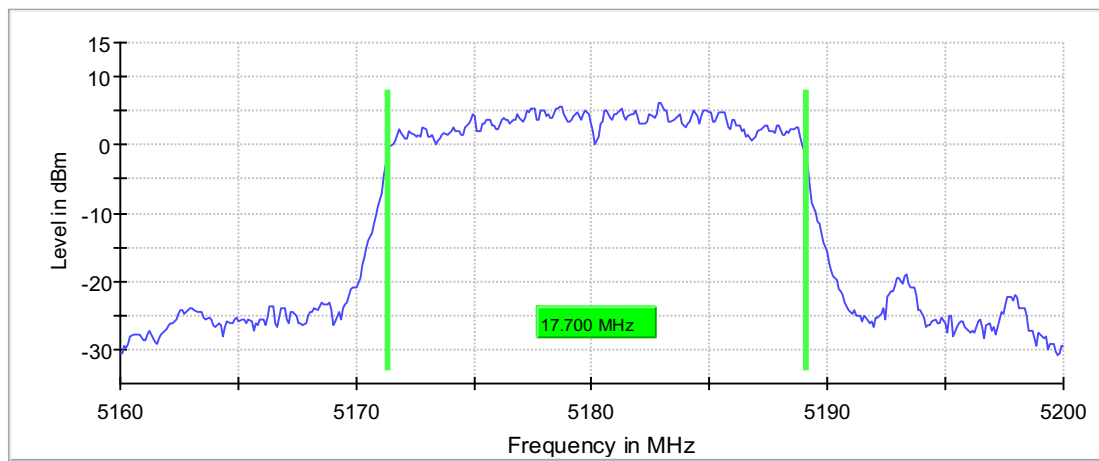
**99 % Bandwidth**

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5180.000000         | 17.700000       | ---             | ---             | 5171.350000          | 5189.050000           |

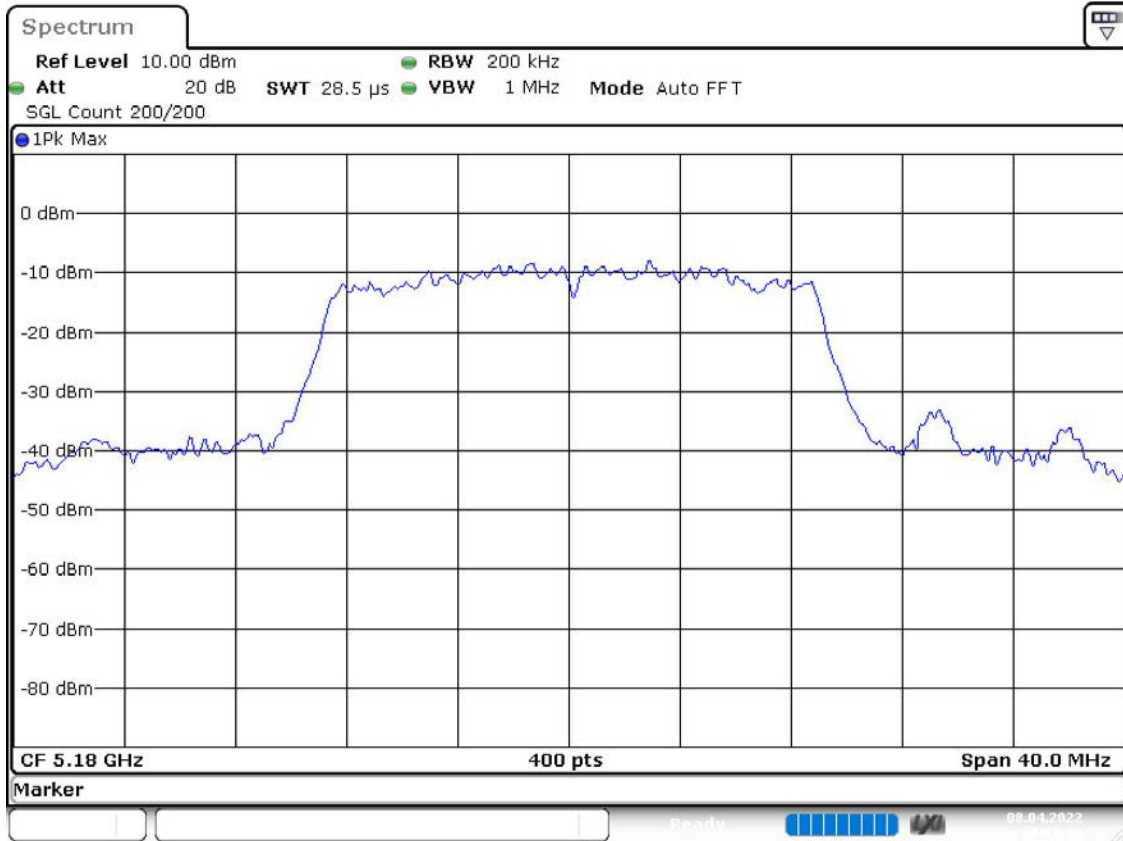
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5180.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 8.APR.2022 14:57:33

## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.16000 GHz      | 5.16000 GHz    |
| Stop Frequency  | 5.20000 GHz      | 5.20000 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      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| Sweeptype       | FFT              | AUTO           |
| Preamp          | off              | off            |

## Emission Bandwidth 26 dB (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

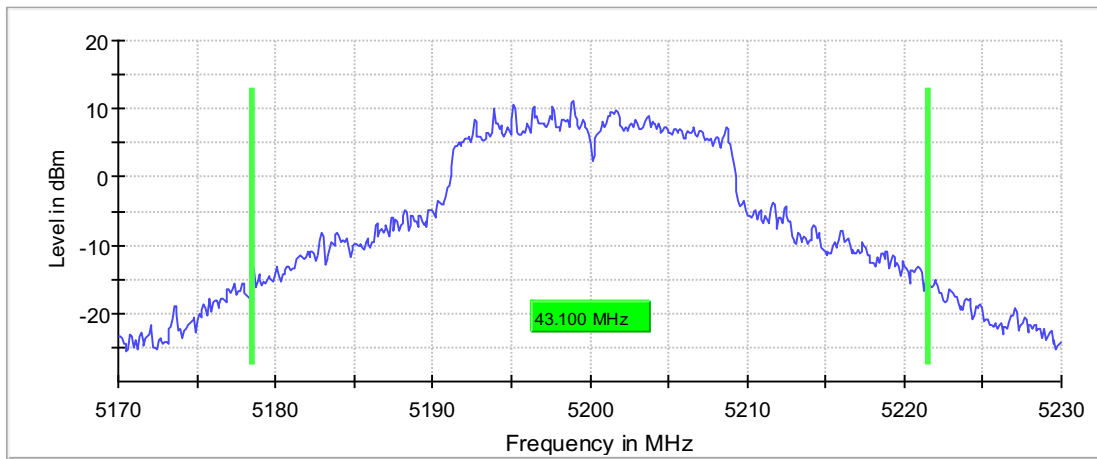
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 43.100000       | ---             | ---             | 5178.450000          | 5221.550000           |

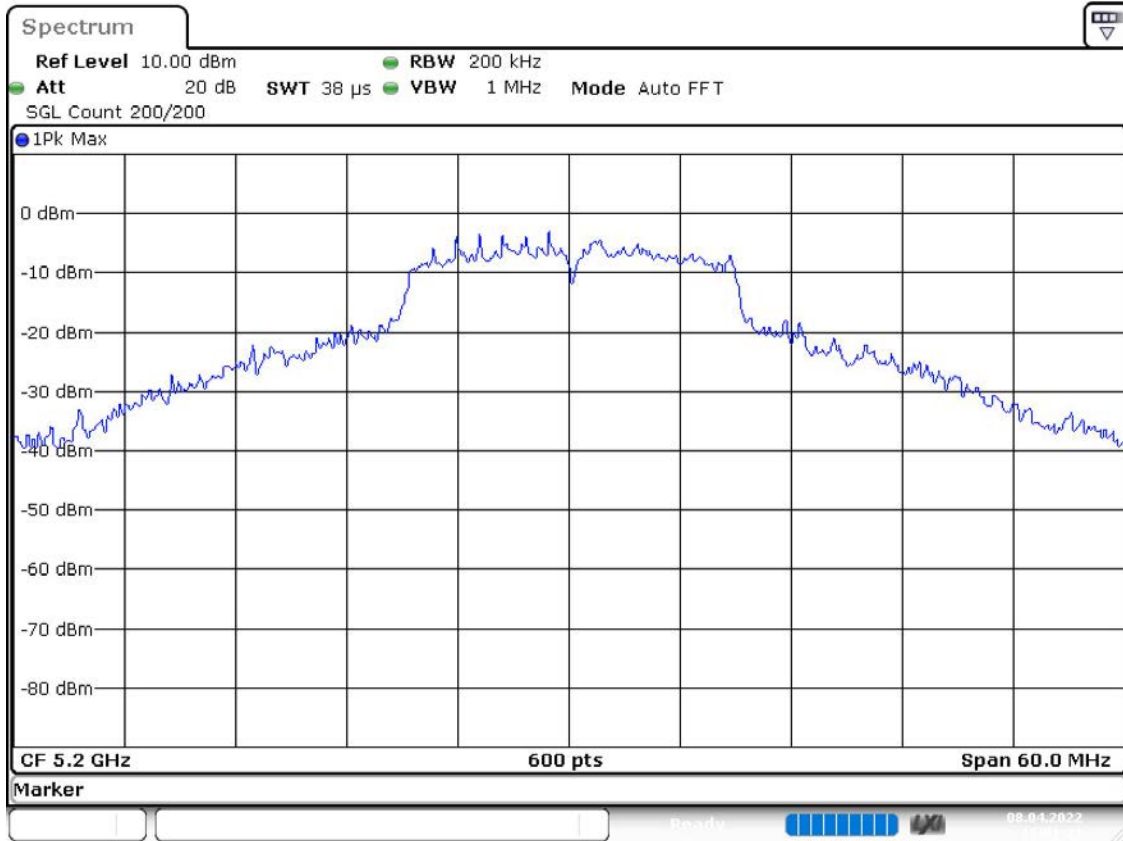
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 11.2            | PASS   |

26 dB Bandwidth



Bandwidth



Date: 8.APR.2022 15:01:21

### Occupied Channel Bandwidth 99% (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

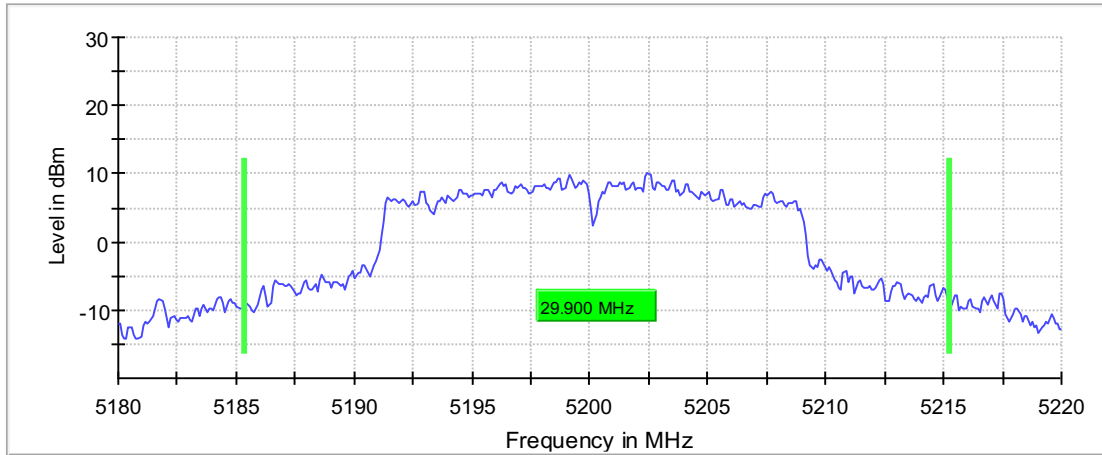
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 29.900000       | ---             | ---             | 5185.350000          | 5215.250000           |

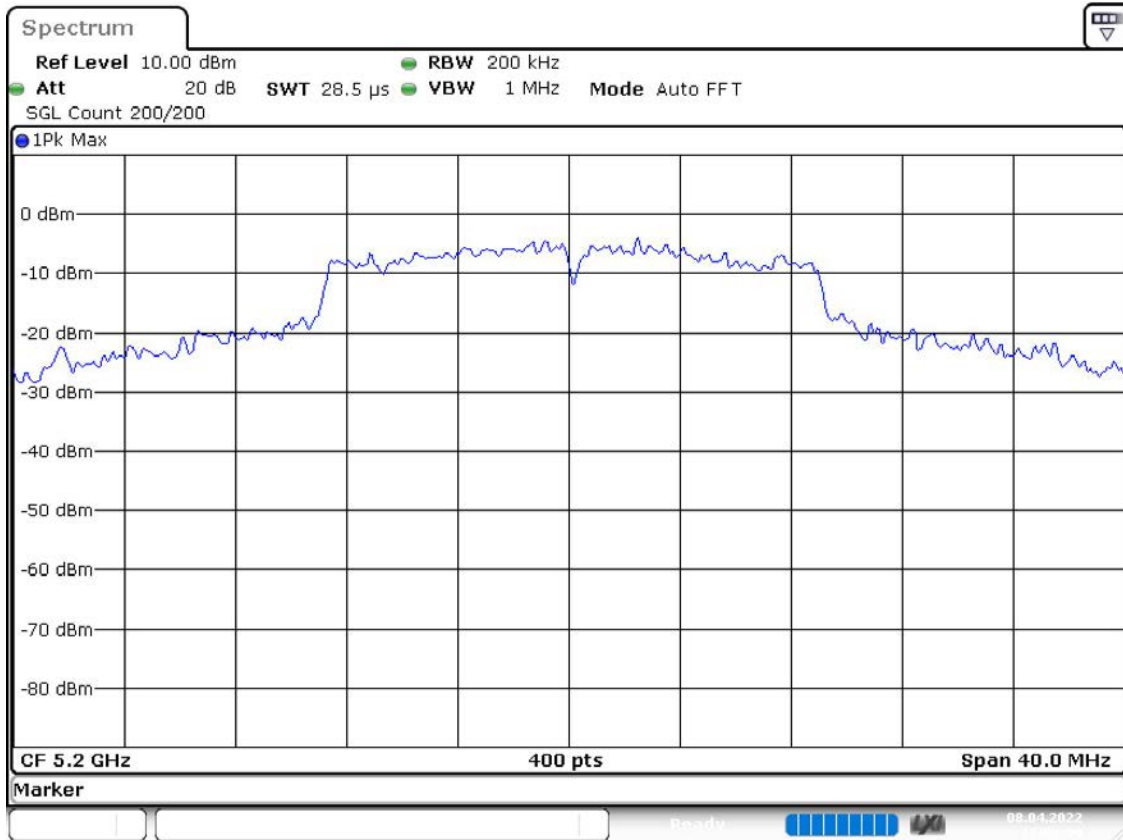
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5200.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 8.APR.2022 15:02:40

## Emission Bandwidth 26 dB (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

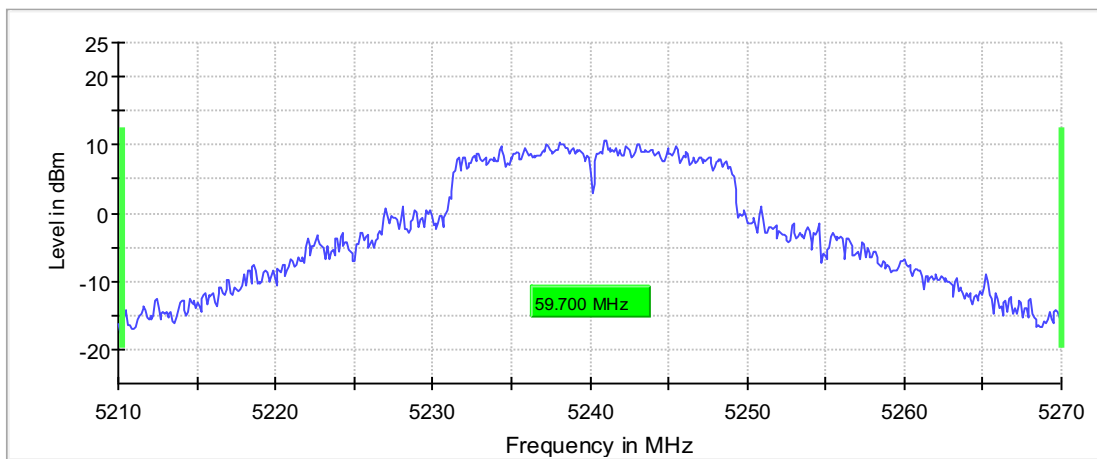
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 59.700000       | ---             | ---             | 5210.250000          | 5269.950000           |

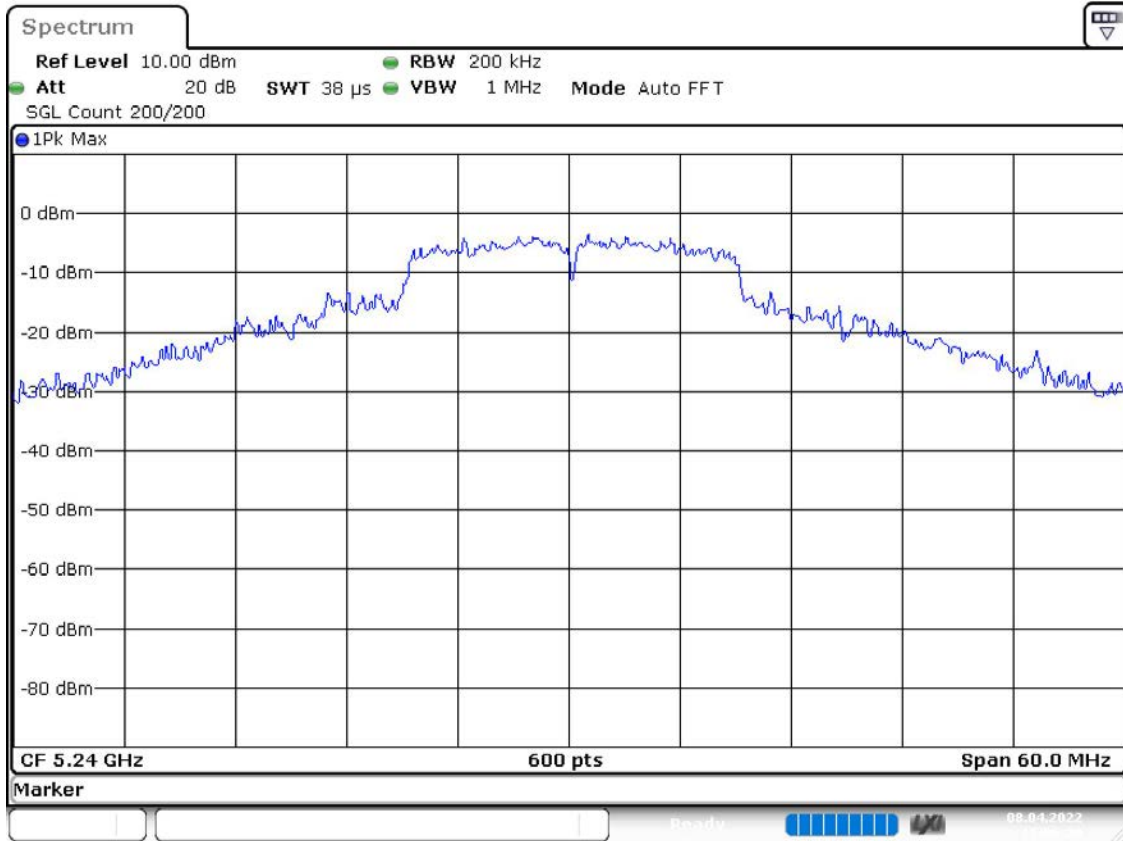
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5240.000000         | 10.6            | PASS   |

26 dB Bandwidth



Bandwidth



Date: 8.APR.2022 15:06:29

### Occupied Channel Bandwidth 99% (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

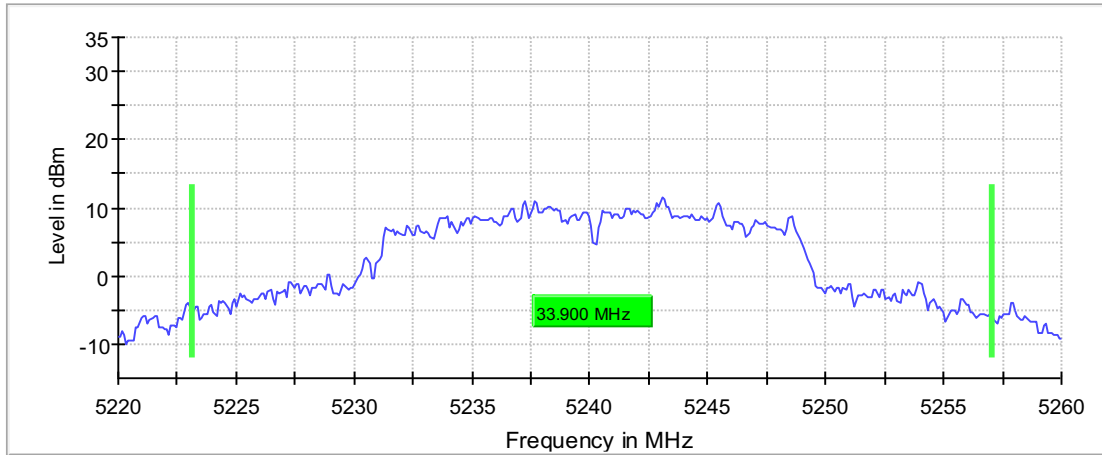
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 33.900000       | ---             | ---             | 5223.150000          | 5257.050000           |

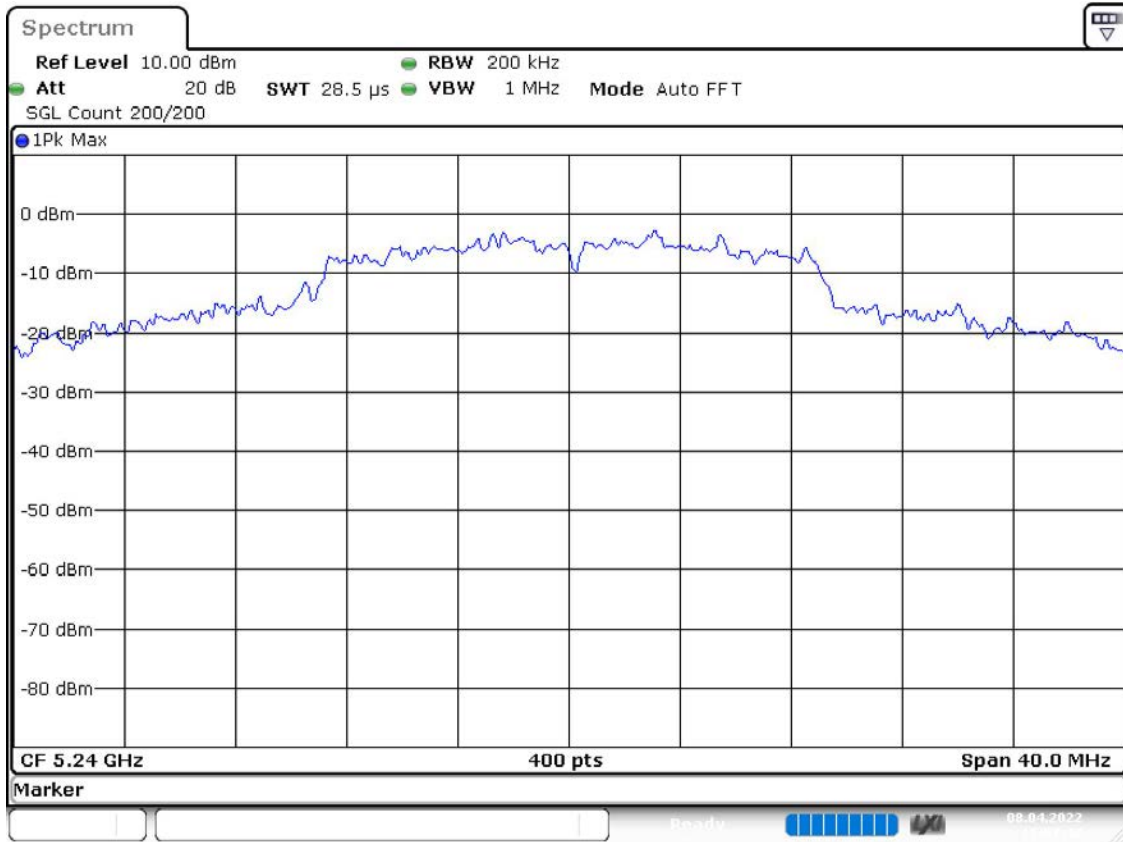
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5240.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 8.APR.2022 15:07:48



## Emission Bandwidth 26 dB (5190 MHz; 24.000 dBm; 40 MHz)

Customized settings.

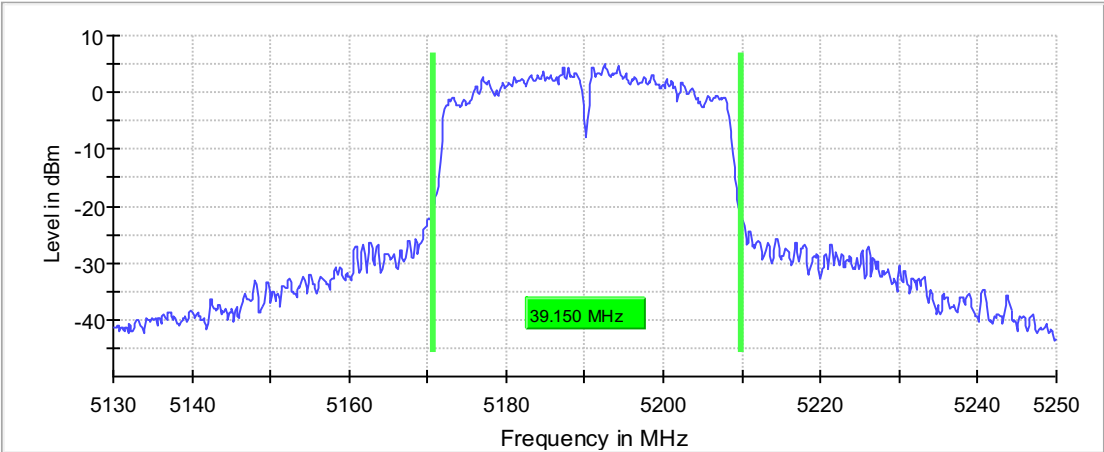
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5190.000000         | 39.150000       | ---             | ---             | 5170.575000          | 5209.725000           |

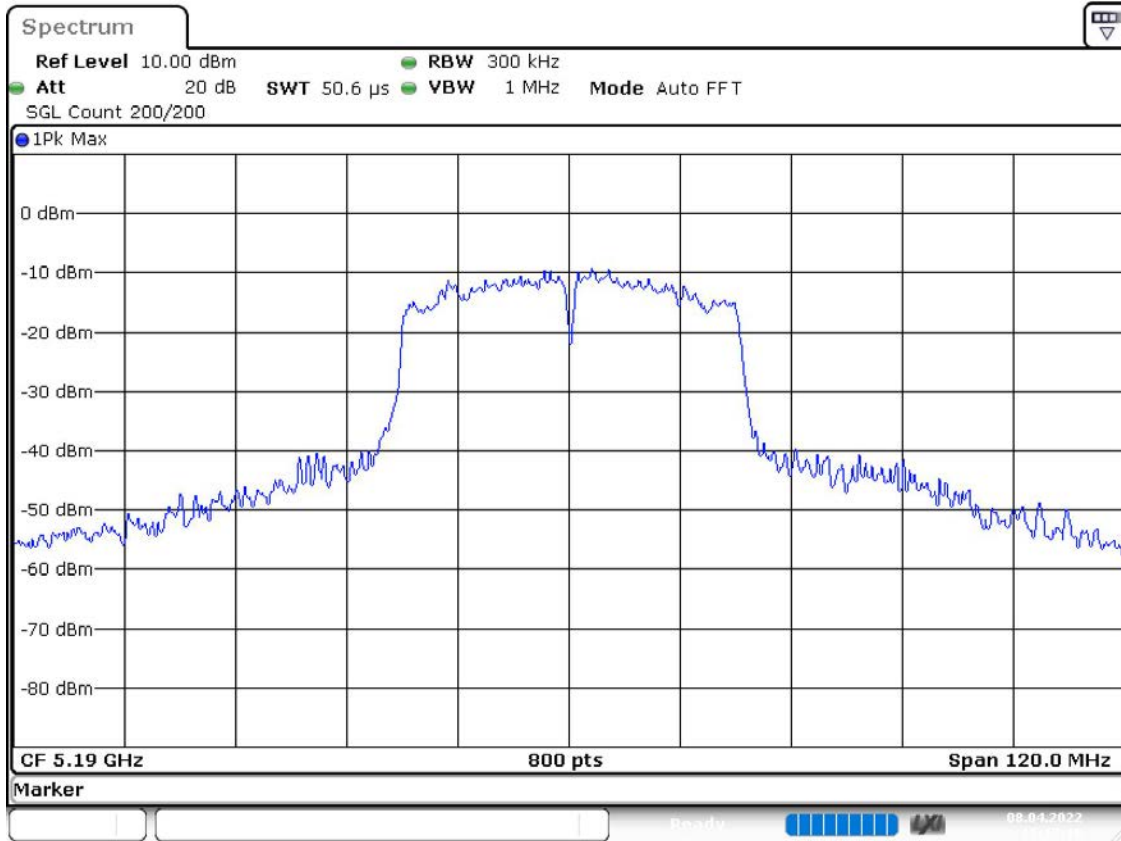
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5190.000000         | 5.0             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 8.APR.2022 15:17:17

### Occupied Channel Bandwidth 99% (5190 MHz; 24.000 dBm; 40 MHz)

Customized settings.

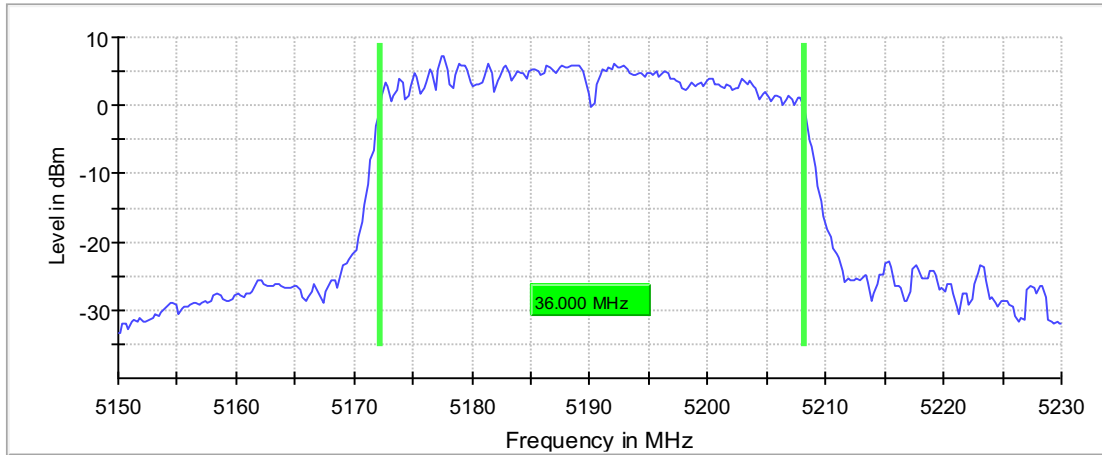
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5190.000000         | 36.000000       | ---             | ---             | 5172.125000          | 5208.125000           |

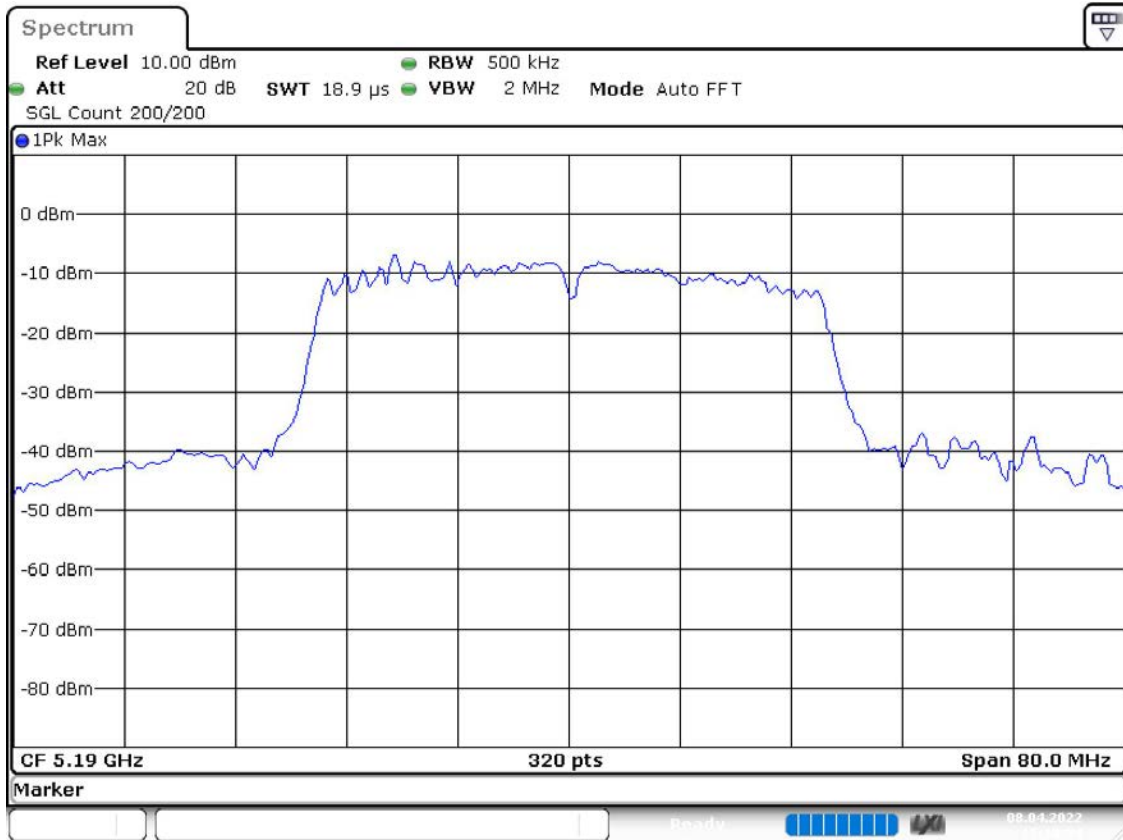
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5190.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 8.APR.2022 15:18:35

## Emission Bandwidth 26 dB (5230 MHz; 24.000 dBm; 40 MHz)

Customized settings.

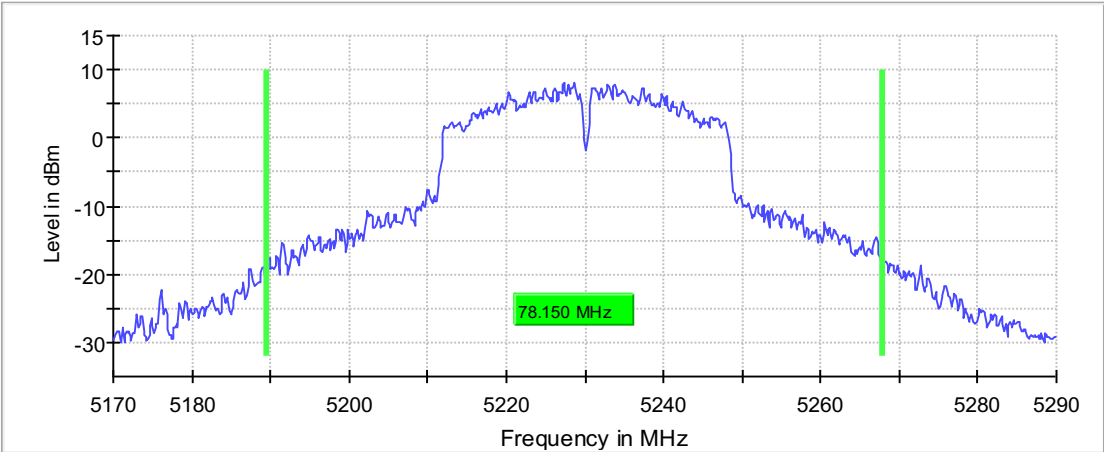
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 78.150000       | ---             | ---             | 5189.575000          | 5267.725000           |

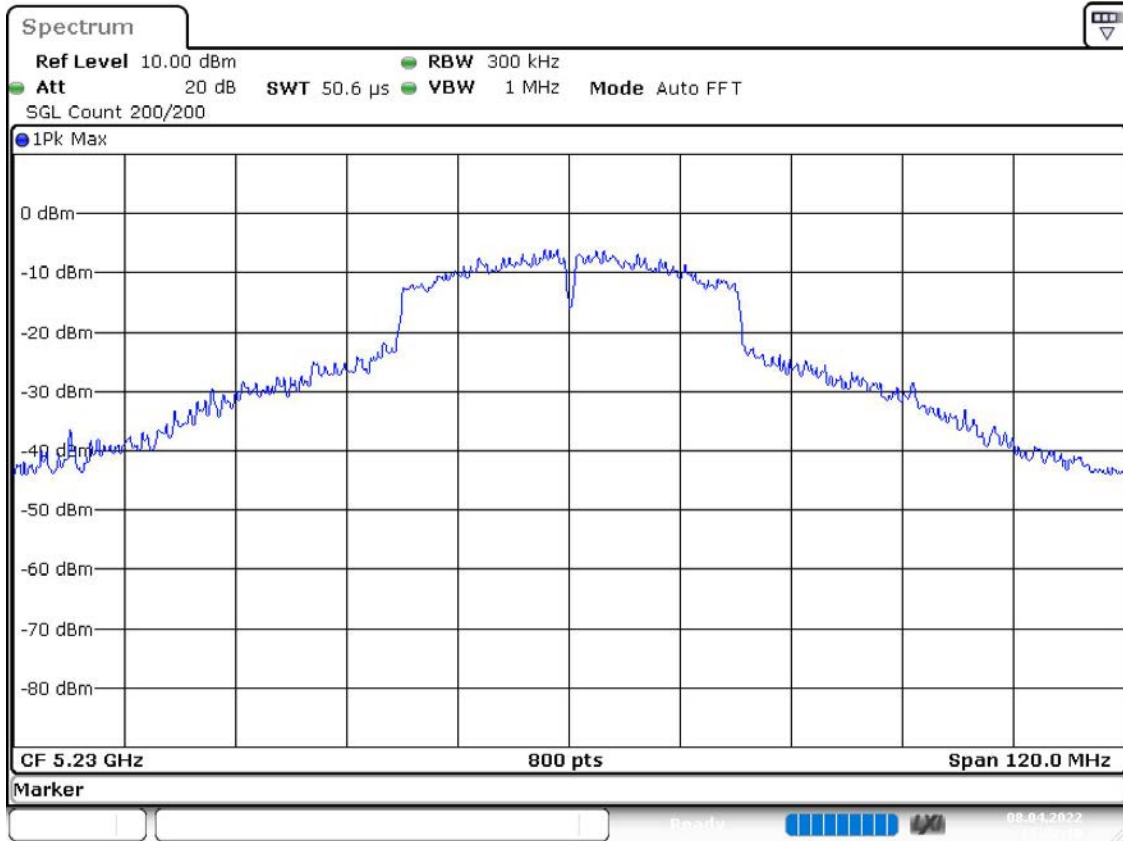
(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5230.000000         | 8.0             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 8.APR.2022 15:22:11

### Occupied Channel Bandwidth 99% (5230 MHz; 24.000 dBm; 40 MHz)

Customized settings.

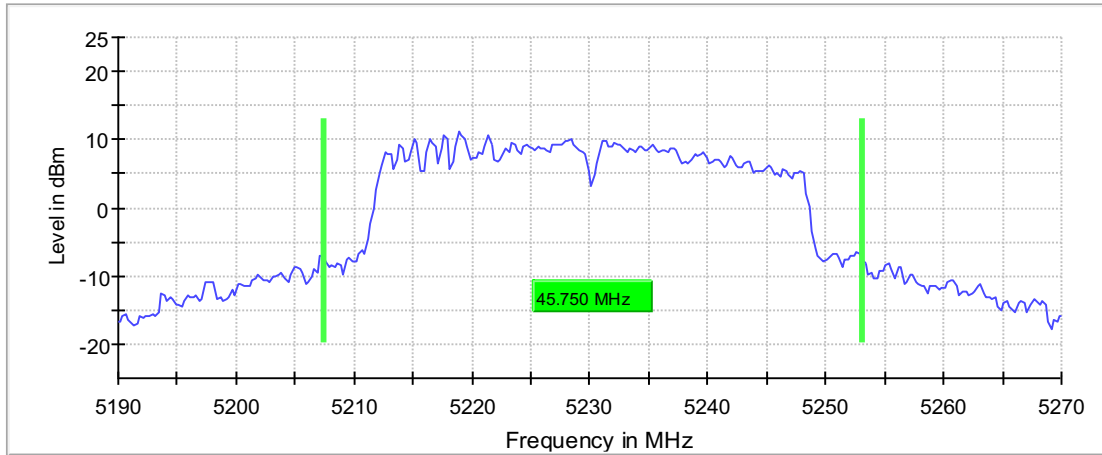
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 45.750000       | ---             | ---             | 5207.375000          | 5253.125000           |

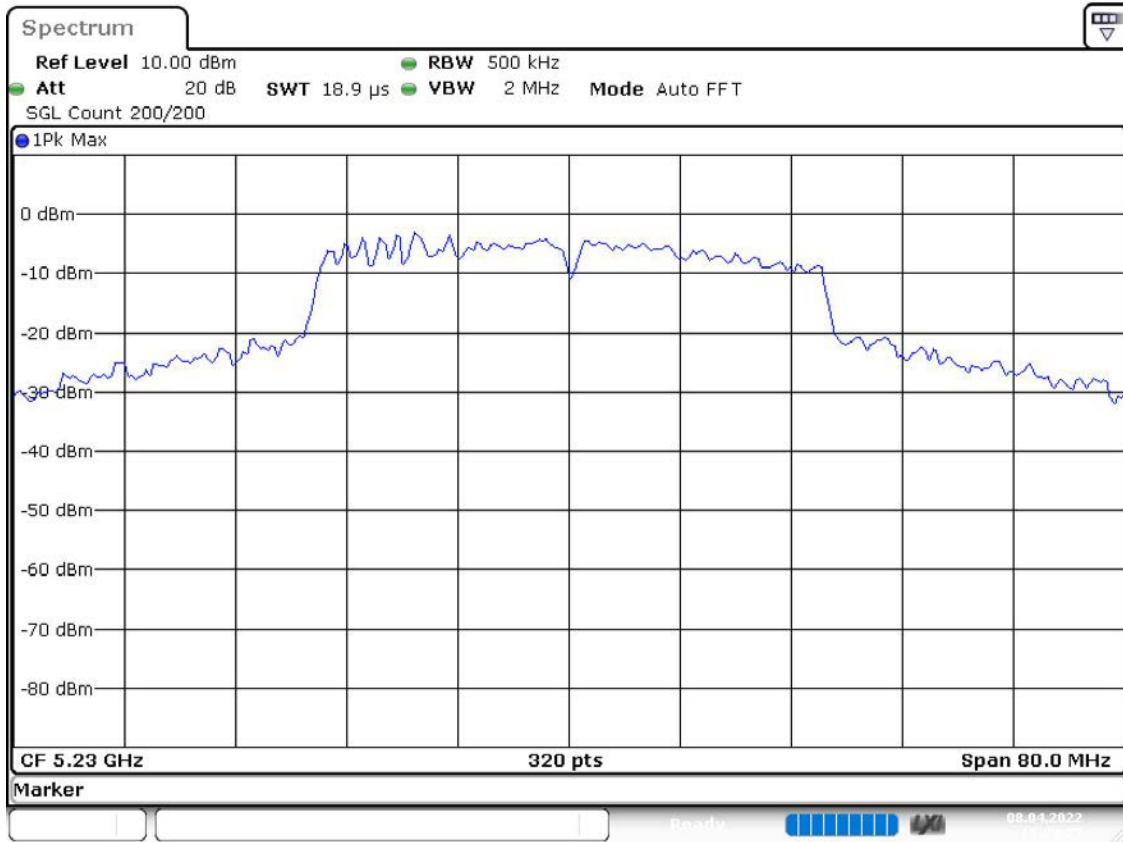
(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5230.000000         | PASS   |

99 % Bandwidth



Bandwidth



Date: 8.APR.2022 15:23:28