

## **Wave-Nano UNII-1 Annex**

## Summary

| Test                           | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|--------------------------------|-----------------|---------------------|-------------------------|--------|
| Emission Bandwidth 26 dB       | 5165.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5165.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density         | 5165.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5165.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5175.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5185.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5200.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5200.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density         | 5200.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5200.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5210.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5220.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5230.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5240.000        | 24.0                | 20.000000               | PASS   |
| RF output power                | 5240.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density         | 5240.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5240.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5175.000        | 24.0                | 40.000000               | PASS   |
| RF output power                | 5175.000        | 24.0                | 40.000000               | PASS   |
| Power Spectral Density         | 5175.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5175.000        | 24.0                | 40.000000               | PASS   |
| RF output power                | 5185.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5200.000        | 24.0                | 40.000000               | PASS   |
| RF output power                | 5200.000        | 24.0                | 40.000000               | PASS   |
| Power Spectral Density         | 5200.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5200.000        | 24.0                | 40.000000               | PASS   |
| RF output power                | 5215.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5230.000        | 24.0                | 40.000000               | PASS   |
| RF output power                | 5230.000        | 24.0                | 40.000000               | PASS   |
| Power Spectral Density         | 5230.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5230.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5195.000        | 24.0                | 80.000000               | PASS   |
| RF output power                | 5195.000        | 24.0                | 80.000000               | PASS   |
| Power Spectral Density         | 5195.000        | 24.0                | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5195.000        | 24.0                | 80.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5200.000        | 24.0                | 80.000000               | PASS   |
| RF output power                | 5200.000        | 24.0                | 80.000000               | PASS   |
| Power Spectral Density         | 5200.000        | 24.0                | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5200.000        | 24.0                | 80.000000               | PASS   |
| RF output power                | 5205.000        | 24.0                | 80.000000               | PASS   |
| Emission Bandwidth 26 dB       | 5210.000        | 24.0                | 80.000000               | PASS   |
| RF output power                | 5210.000        | 24.0                | 80.000000               | PASS   |
| Power Spectral Density         | 5210.000        | 24.0                | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99% | 5210.000        | 24.0                | 80.000000               | PASS   |

## Emission Bandwidth 26 dB (5165 MHz; 24.000 dBm; 20 MHz)

Customized settings.

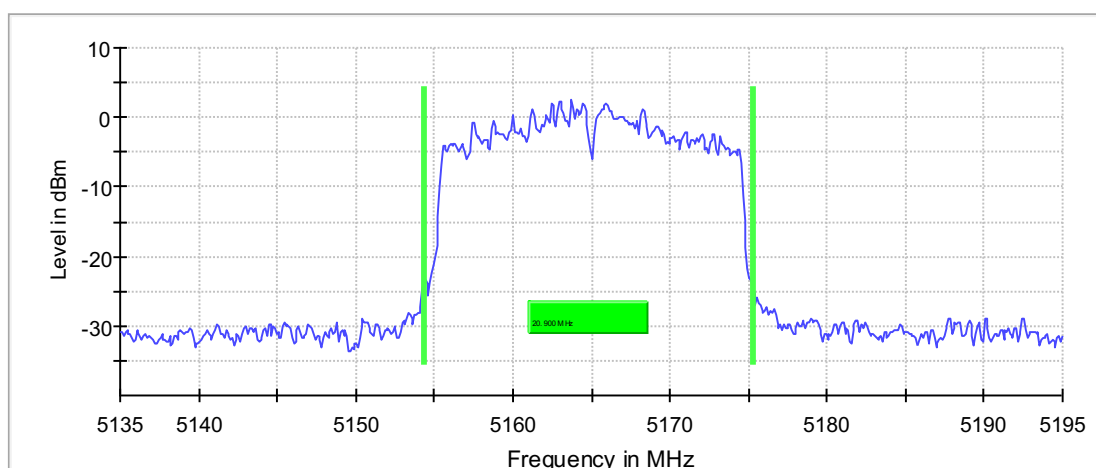
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5165.000000         | 20.900000       | ---             | ---             | 5154.350000          | 5175.250000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5165.000000         | 2.5             | PASS   |

26 dB Bandwidth



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.13500 GHz      | 5.13500 GHz    |
| Stop Frequency  | 5.19500 GHz      | 5.19500 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            |

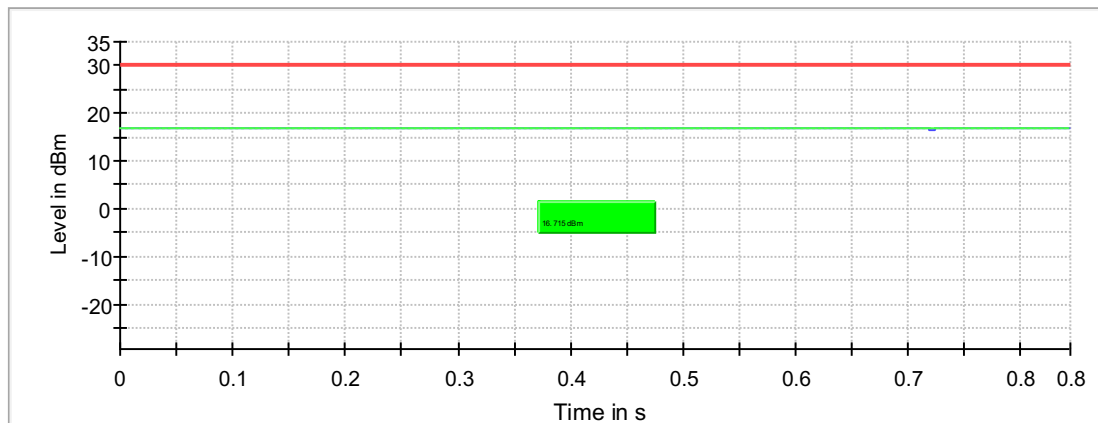
## RF output power (5165 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5165.000000         | 16.7            | 30.0            | 16.7             | 85.098        | PASS   |

Gated Trace



— Gated Trace — Overall — Limit

### 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 (5165 MHz; 24.000 dBm; 20 MHz)

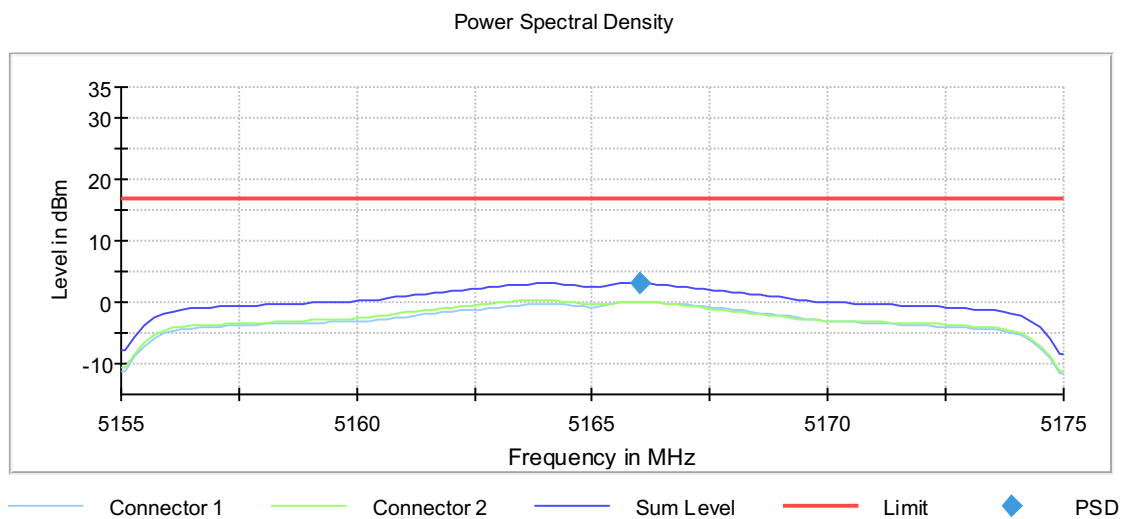
Customized settings.

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5165.000000         | 5165.990099     | 3.093     | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 5.15500 GHz      | 5.15500 GHz      |
| Stop Frequency  | 5.17500 GHz      | 5.17500 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              | $\sim 40$        |
| Sweptime        | 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% (5165 MHz; 24.000 dBm; 20 MHz)

Customized settings.

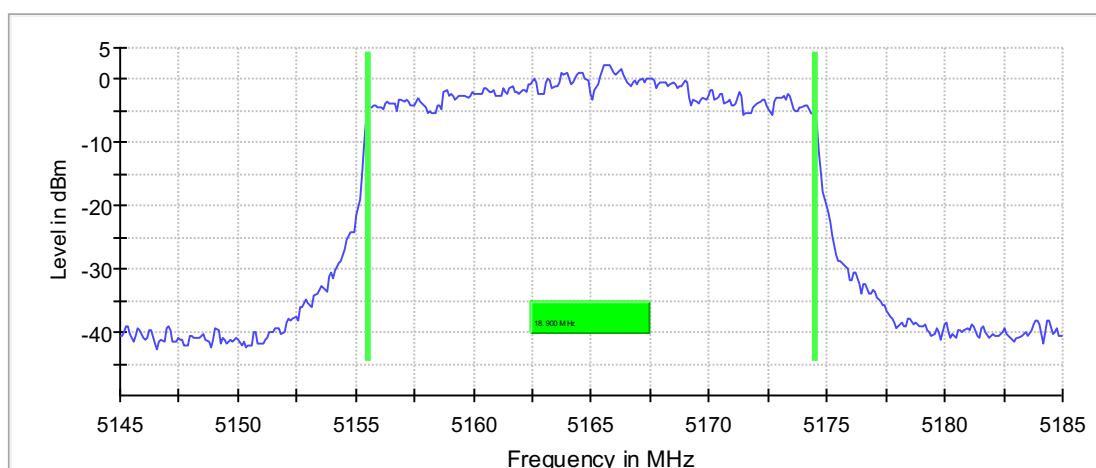
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5165.000000         | 18.900000       | ---             | ---             | 5155.550000          | 5174.450000           |

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

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5165.000000         | PASS   |

99 % Bandwidth



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.14500 GHz      | 5.14500 GHz    |
| Stop Frequency  | 5.18500 GHz      | 5.18500 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       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

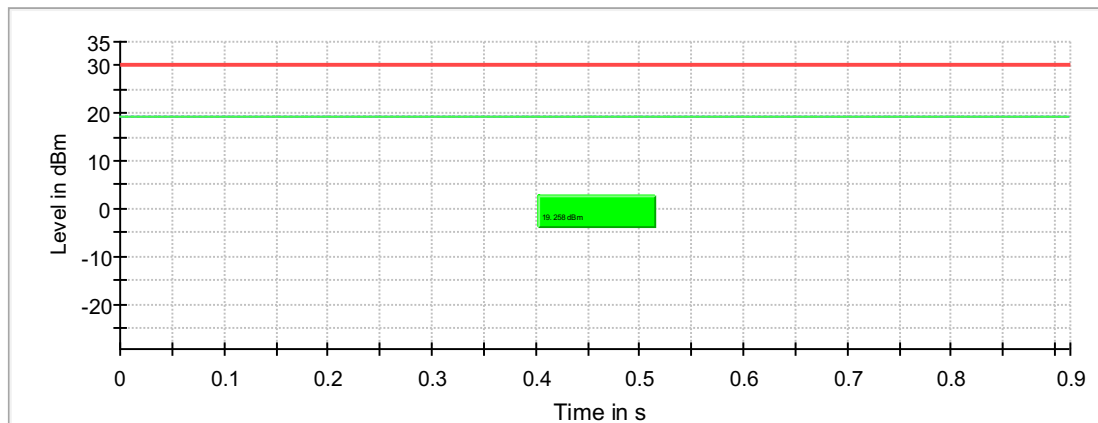
## RF output power (5175 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5175.000000         | 19.3            | 30.0            | 19.3             | 91.980        | PASS   |

Gated Trace



— Gated Trace — Overall — Limit

### OSP PowerMeter settings

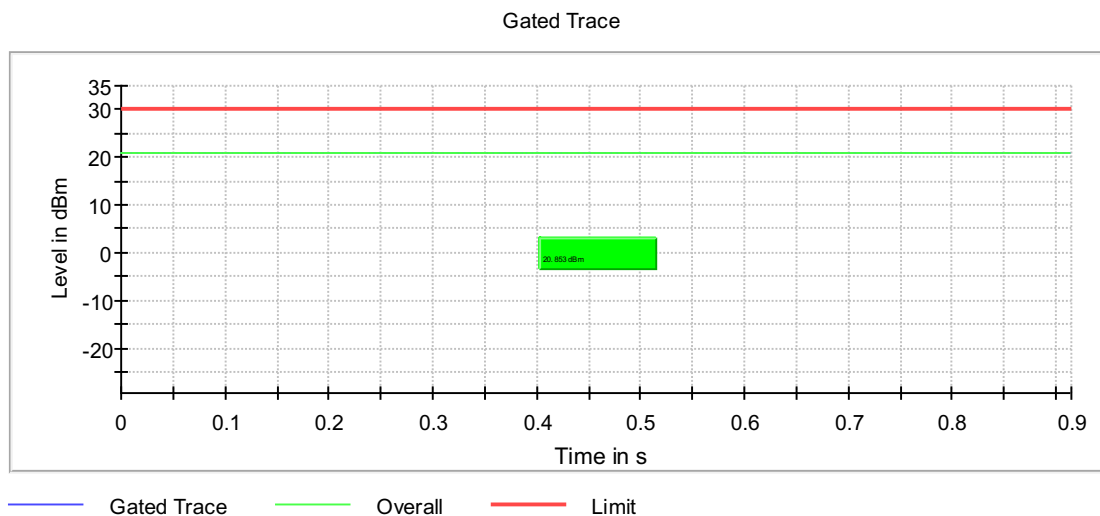
| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s          | 1.000 s       |
| Points           | 1000000          | 1000000       |
| Time resolution  | 1.000 $\mu$ s    | 1.000 $\mu$ s |

## RF output power (5185 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5185.000000         | 20.9            | 30.0            | 20.9             | 92.020        | 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 |



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

Customized settings.

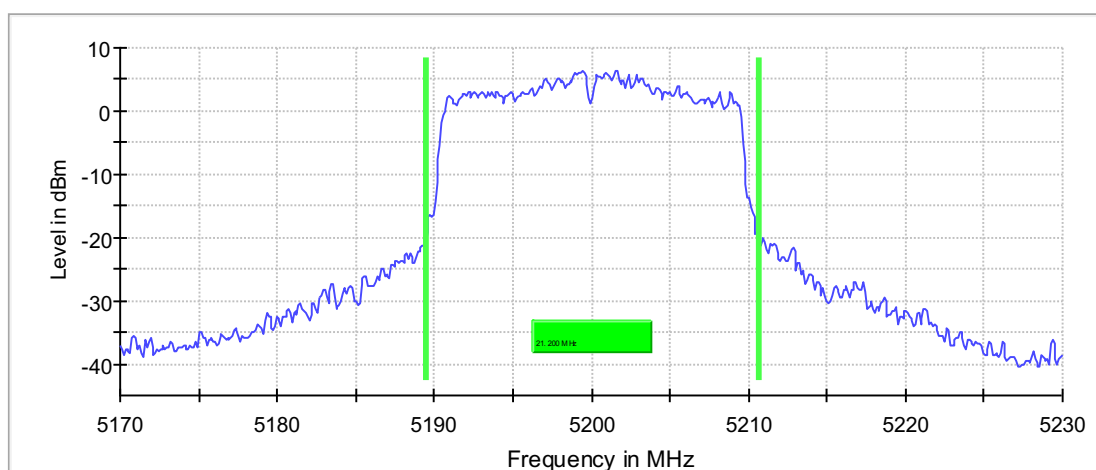
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 21.200000       | ---             | ---             | 5189.450000          | 5210.650000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 6.5             | PASS   |

26 dB Bandwidth



### Measurement

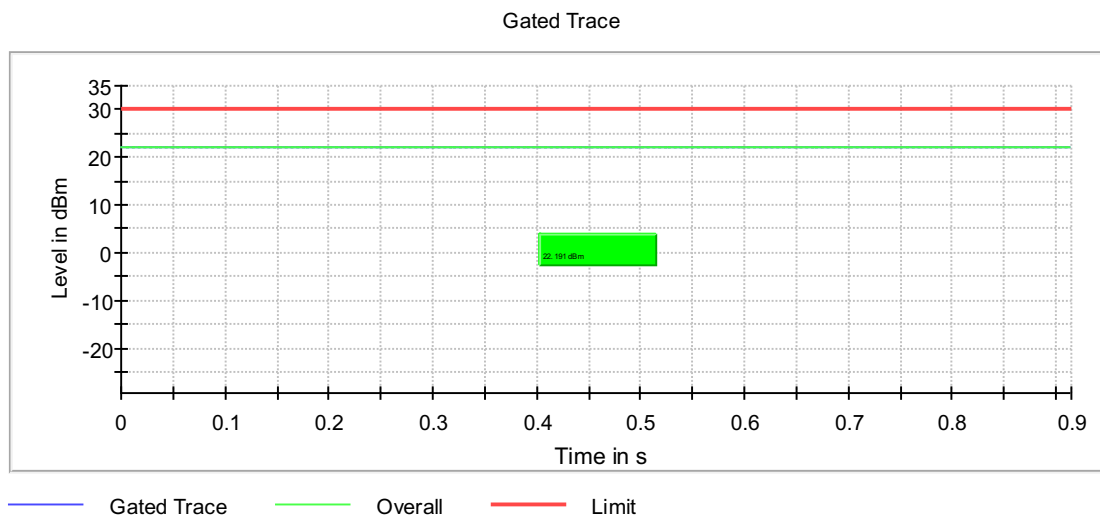
| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.17000 GHz      | 5.17000 GHz    |
| Stop Frequency  | 5.23000 GHz      | 5.23000 GHz    |
| Span            | 60.000 MHz       | 60.000 MHz     |
| RBW             | 200.000 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       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

## RF output power (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5200.000000         | 22.2            | 30.0            | 22.2             | 91.989        | 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 (5200 MHz; 24.000 dBm; 20 MHz)

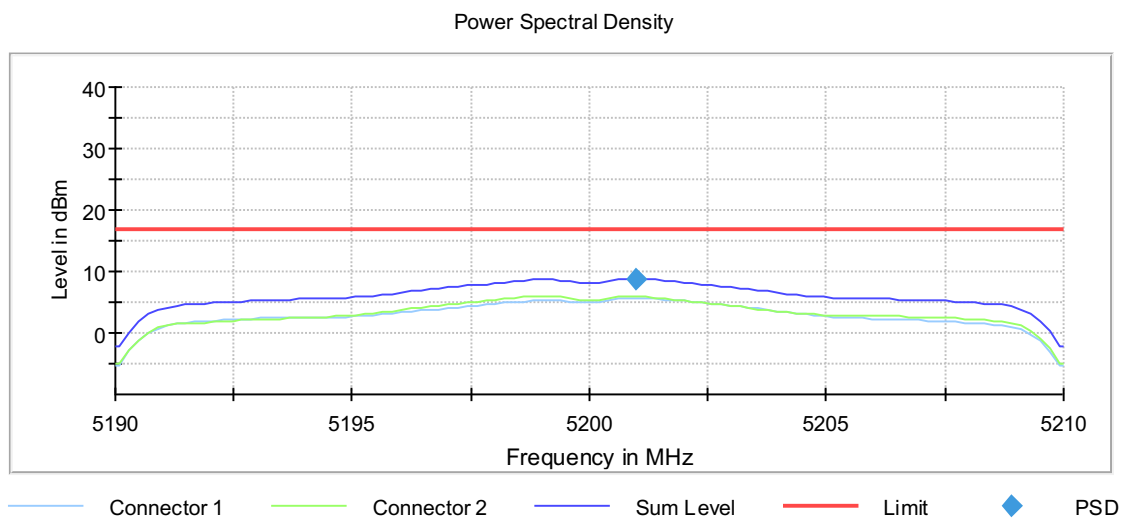
Customized settings.

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5200.000000         | 5200.990099     | 8.788     | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 5.19000 GHz      | 5.19000 GHz      |
| Stop Frequency  | 5.21000 GHz      | 5.21000 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              | $\sim 40$        |
| Sweptime        | 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% (5200 MHz; 24.000 dBm; 20 MHz)

Customized settings.

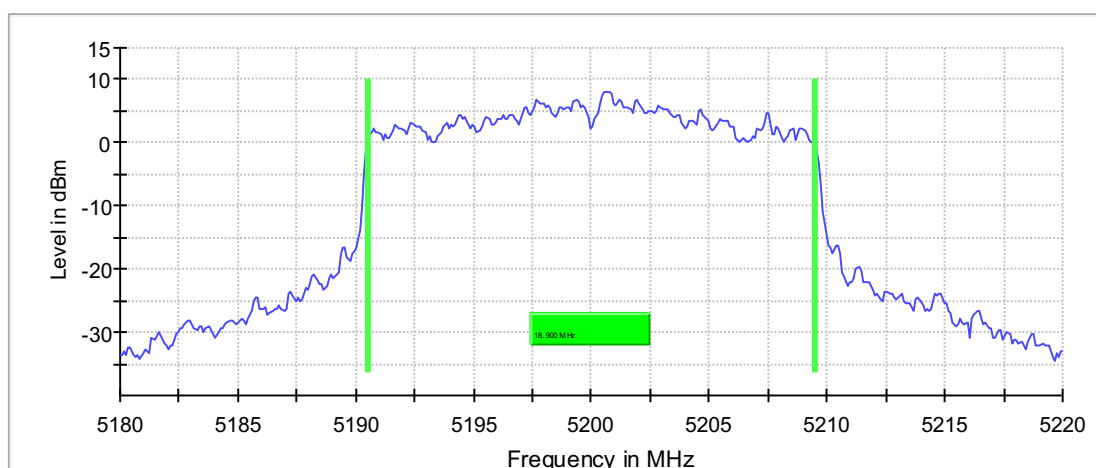
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 18.900000       | ---             | ---             | 5190.550000          | 5209.450000           |

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

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

99 % Bandwidth



### Measurement

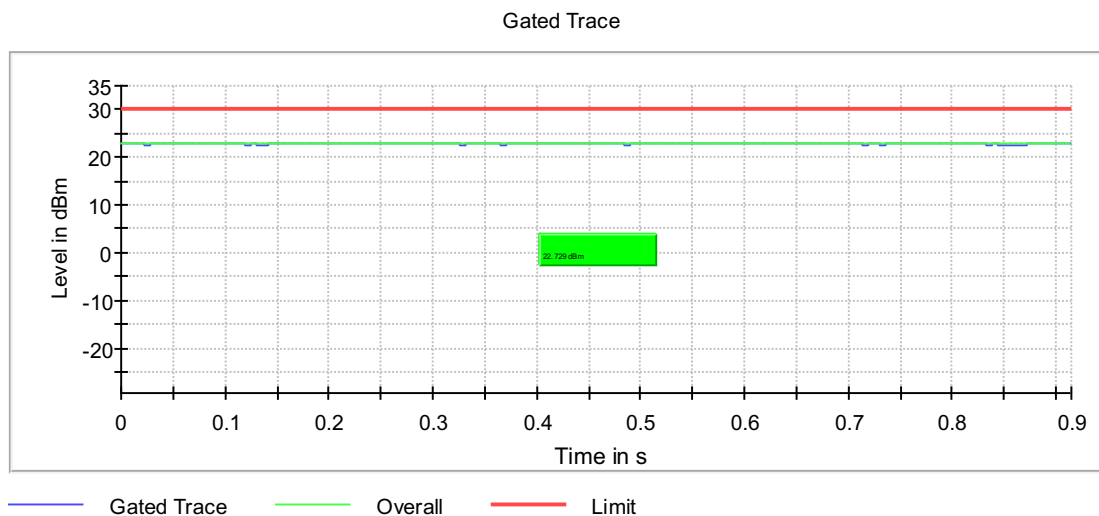
| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.18000 GHz      | 5.18000 GHz    |
| Stop Frequency  | 5.22000 GHz      | 5.22000 GHz    |
| Span            | 40.000 MHz       | 40.000 MHz     |
| RBW             | 200.000 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       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

## RF output power (5210 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5210.000000         | 22.7            | 30.0            | 22.7             | 92.005        | PASS   |



### OSP PowerMeter settings

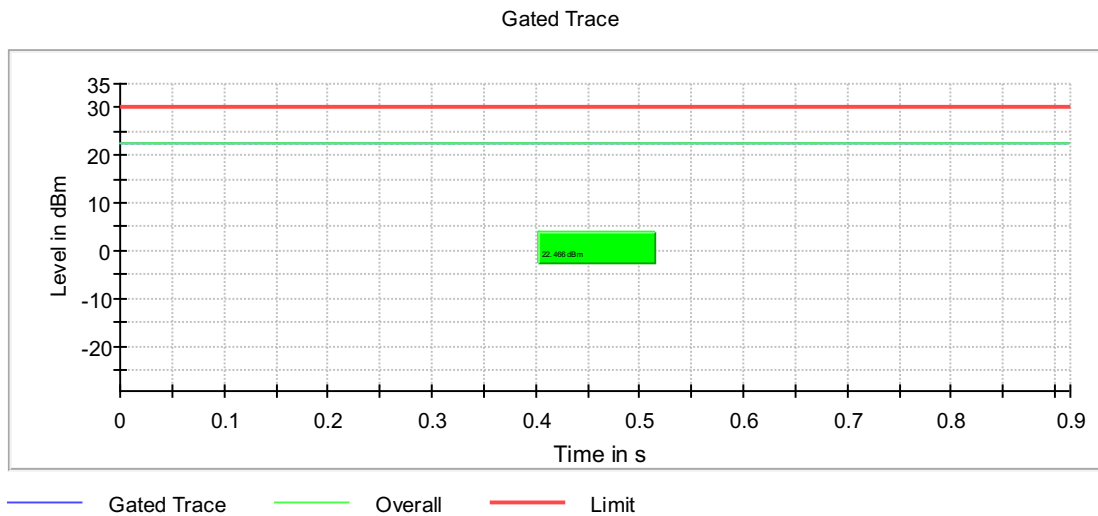
| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s          | 1.000 s       |
| Points           | 1000000          | 1000000       |
| Time resolution  | 1.000 $\mu$ s    | 1.000 $\mu$ s |

## RF output power (5220 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5220.000000         | 22.5            | 30.0            | 22.5             | 91.992        | PASS   |



### OSP PowerMeter settings

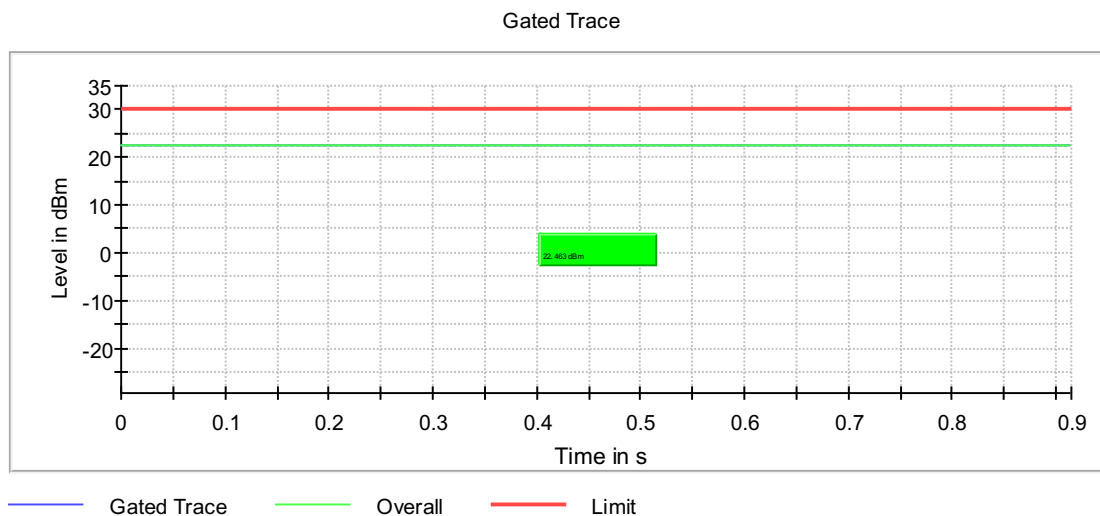
| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s          | 1.000 s       |
| Points           | 1000000          | 1000000       |
| Time resolution  | 1.000 $\mu$ s    | 1.000 $\mu$ s |

## RF output power (5230 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5230.000000         | 22.5            | 30.0            | 22.5             | 92.008        | 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 |

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

Customized settings.

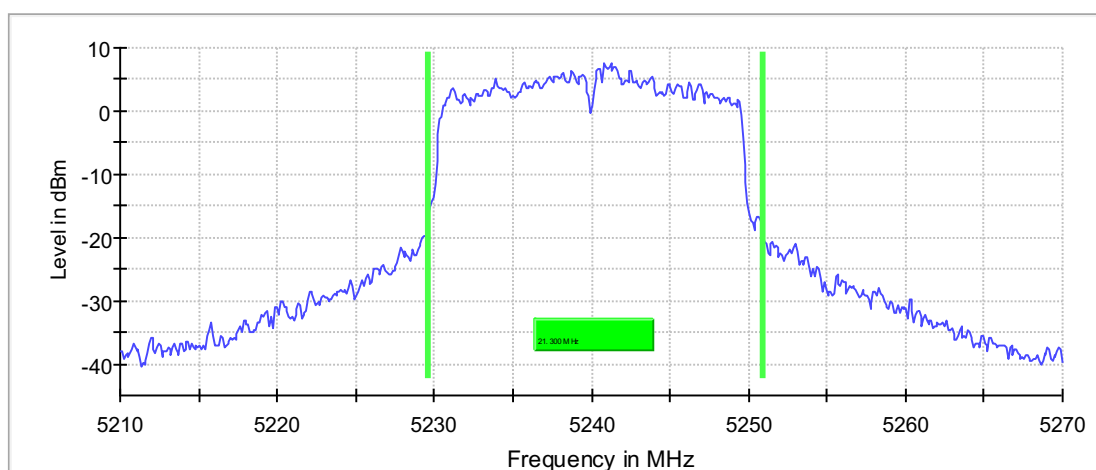
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 21.300000       | ---             | ---             | 5229.550000          | 5250.850000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5240.000000         | 7.5             | PASS   |

26 dB Bandwidth



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.21000 GHz      | 5.21000 GHz    |
| Stop Frequency  | 5.27000 GHz      | 5.27000 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       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| Sweeptype       | FFT              | AUTO           |
| Preamp          | off              | off            |

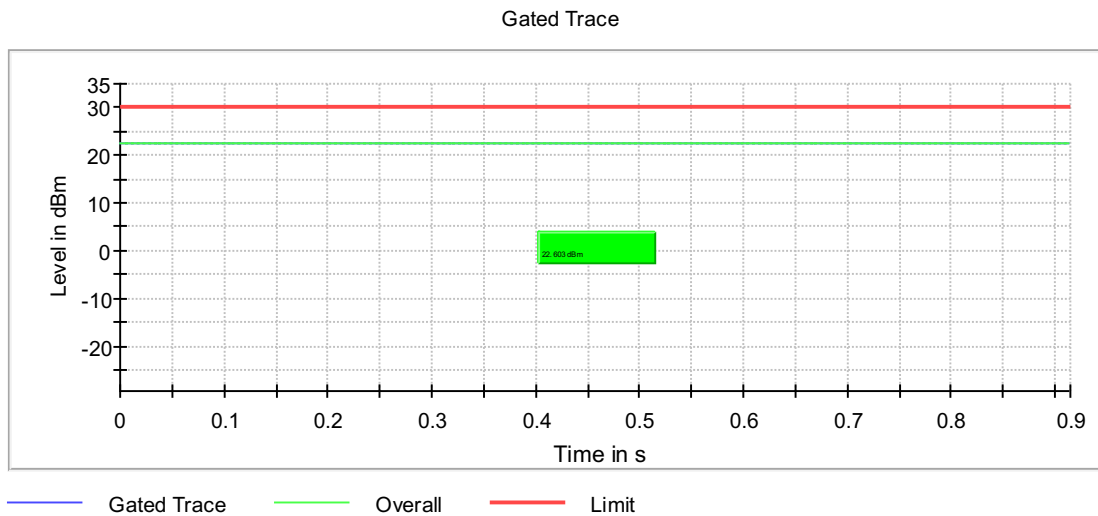


## RF output power (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5240.000000         | 22.6            | 30.0            | 22.6             | 92.004        | 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 (5240 MHz; 24.000 dBm; 20 MHz)

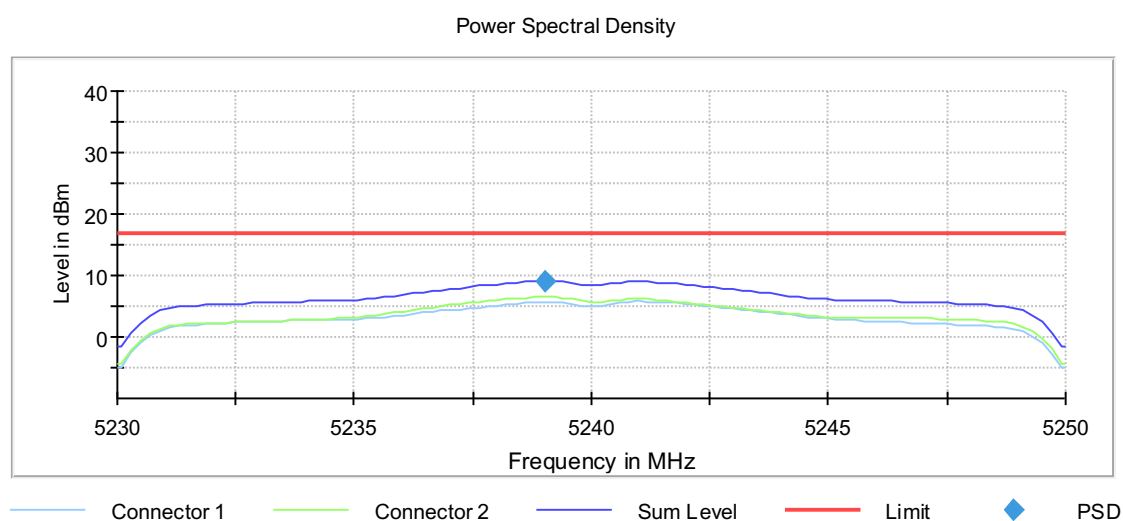
Customized settings.

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5240.000000         | 5239.009901     | 9.118     | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 5.23000 GHz      | 5.23000 GHz      |
| Stop Frequency  | 5.25000 GHz      | 5.25000 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              | $\sim 40$        |
| Sweptime        | 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% (5240 MHz; 24.000 dBm; 20 MHz)

Customized settings.

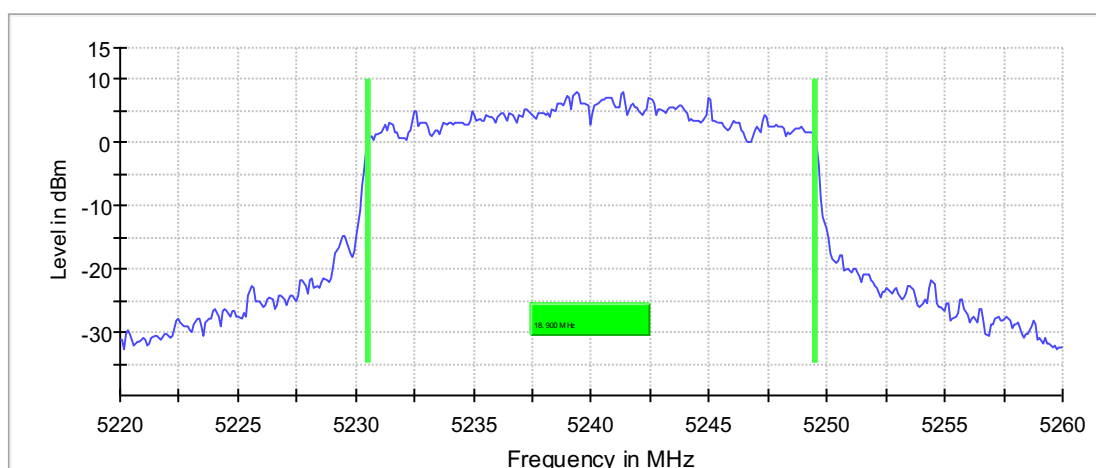
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 18.900000       | ---             | ---             | 5230.550000          | 5249.450000           |

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

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

99 % Bandwidth



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.22000 GHz      | 5.22000 GHz    |
| Stop Frequency  | 5.26000 GHz      | 5.26000 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       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| Sweeptype       | FFT              | AUTO           |
| Preamp          | off              | off            |

## Emission Bandwidth 26 dB (5175 MHz; 24.000 dBm; 40 MHz)

Customized settings.

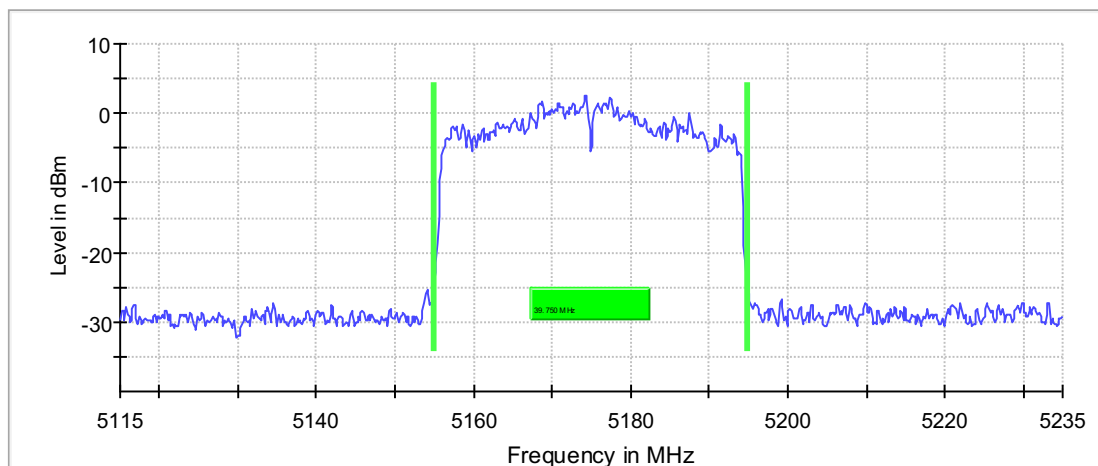
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5175.000000         | 39.750000       | ---             | ---             | 5154.975000          | 5194.725000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5175.000000         | 2.5             | PASS   |

26 dB Bandwidth



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.11500 GHz      | 5.11500 GHz    |
| Stop Frequency  | 5.23500 GHz      | 5.23500 GHz    |
| Span            | 120.000 MHz      | 120.000 MHz    |
| RBW             | 300.000 kHz      | ~ 400.000 kHz  |
| VBW             | 1.000 MHz        | >= 900.000 kHz |
| SweepPoints     | 800              | ~ 800          |
| SweepTime       | 50.625 $\mu$ 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            |

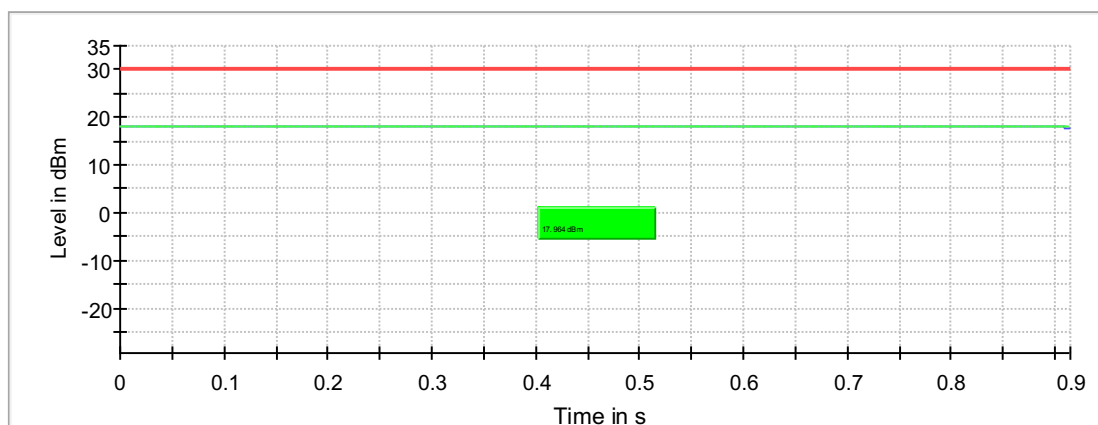
## RF output power (5175 MHz; 24.000 dBm; 40 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5175.000000         | 18.0            | 30.0            | 18.0             | 91.877        | PASS   |

Gated Trace



— Gated Trace — Overall — Limit

### 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 (5175 MHz; 24.000 dBm; 40 MHz)

Customized settings.

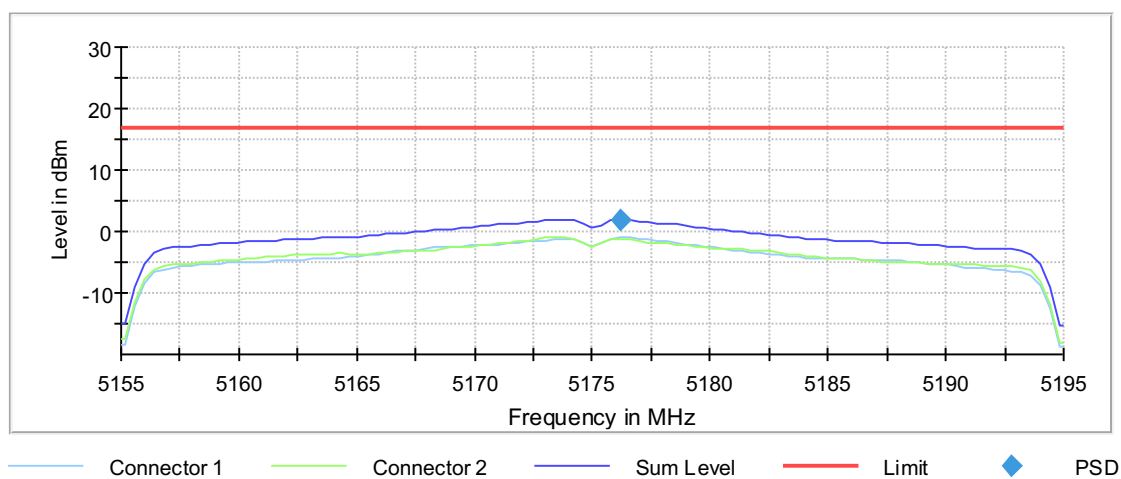
### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5175.000000         | 5176.188119     | 1.935     | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |

Power Spectral Density



### Measurement

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.15500 GHz      | 5.15500 GHz   |
| Stop Frequency  | 5.19500 GHz      | 5.19500 GHz   |
| Span            | 40.000 MHz       | 40.000 MHz    |
| RBW             | 1.000 MHz        | <= 1.000 MHz  |
| VBW             | 3.000 MHz        | >= 3.000 MHz  |
| SweepPoints     | 101              | ~ 80          |
| Sweptime        | 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       | Sweep            | AUTO          |
| Preamp          | off              | off           |

## Occupied Channel Bandwidth 99% (5175 MHz; 24.000 dBm; 40 MHz)

Customized settings.

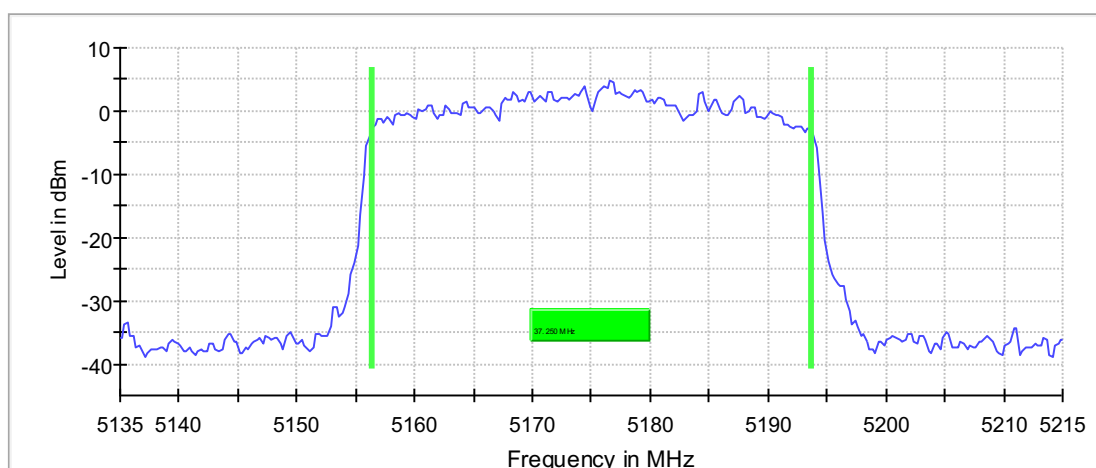
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5175.000000         | 37.250000       | ---             | ---             | 5156.375000          | 5193.625000           |

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

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5175.000000         | PASS   |

99 % Bandwidth



### Measurement

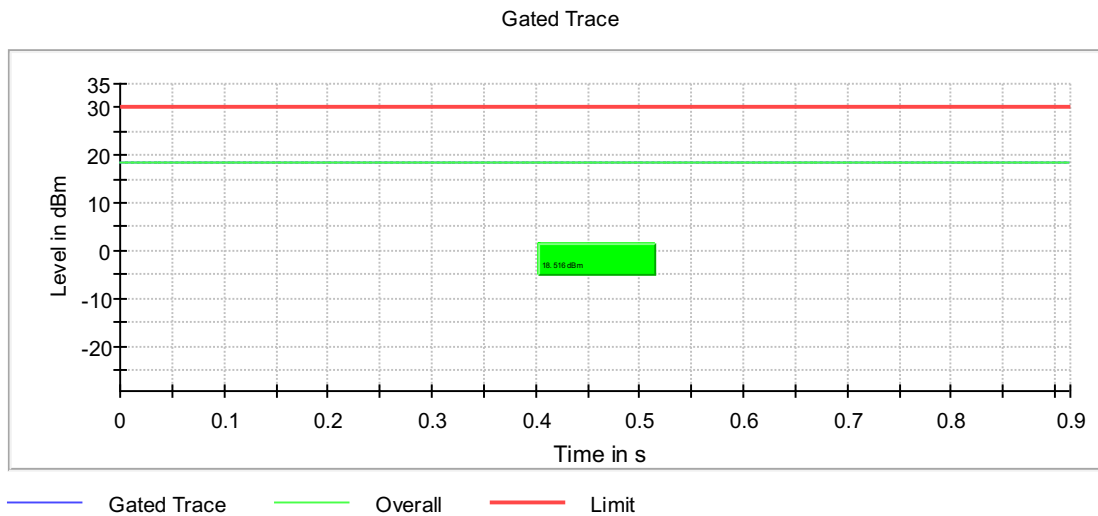
| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.13500 GHz      | 5.13500 GHz    |
| Stop Frequency  | 5.21500 GHz      | 5.21500 GHz    |
| Span            | 80.000 MHz       | 80.000 MHz     |
| RBW             | 500.000 kHz      | >= 400.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 320              | ~ 320          |
| SweepTime       | 18.906 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| Sweeptype       | FFT              | AUTO           |
| Preamp          | off              | off            |

## RF output power (5185 MHz; 24.000 dBm; 40 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5185.000000         | 18.5            | 30.0            | 18.5             | 91.896        | 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 |



## Emission Bandwidth 26 dB (5200 MHz; 24.000 dBm; 40 MHz)

Customized settings.

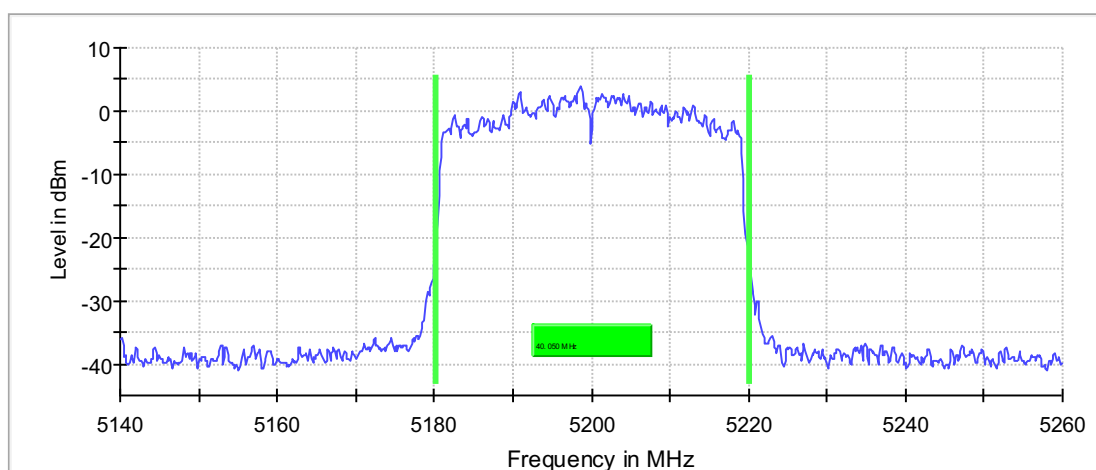
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 40.050000       | ---             | ---             | 5180.125000          | 5220.175000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 3.9             | PASS   |

26 dB Bandwidth



### Measurement

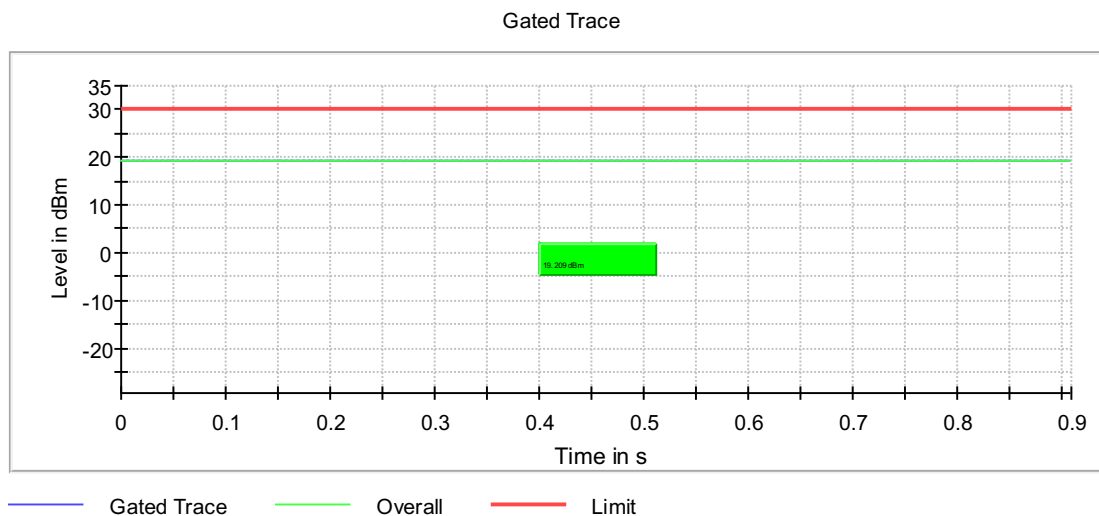
| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.14000 GHz      | 5.14000 GHz    |
| Stop Frequency  | 5.26000 GHz      | 5.26000 GHz    |
| Span            | 120.000 MHz      | 120.000 MHz    |
| RBW             | 300.000 kHz      | ~ 400.000 kHz  |
| VBW             | 1.000 MHz        | >= 900.000 kHz |
| SweepPoints     | 800              | ~ 800          |
| SweepTime       | 50.625 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

## RF output power (5200 MHz; 24.000 dBm; 40 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5200.000000         | 19.2            | 30.0            | 19.2             | 91.888        | 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 (5200 MHz; 24.000 dBm; 40 MHz)

Customized settings.

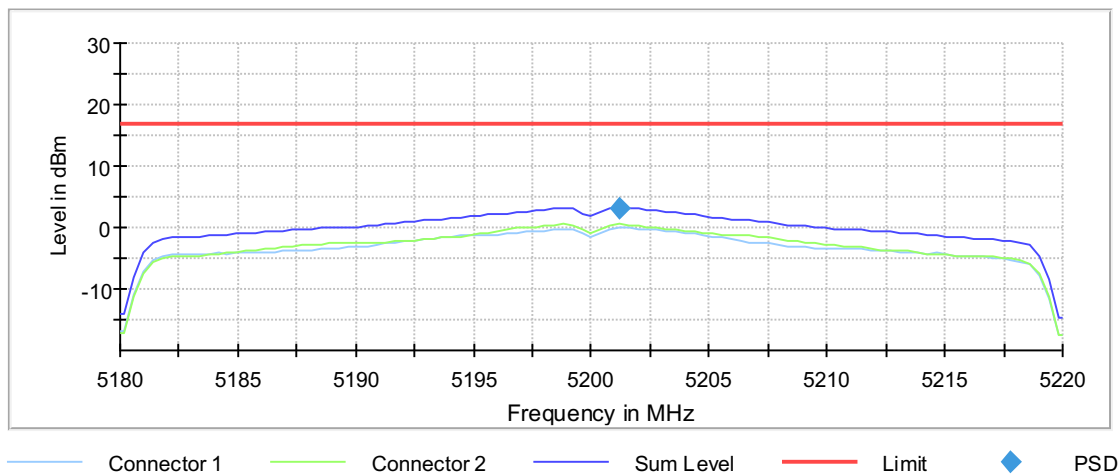
### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5200.000000         | 5201.188119     | 3.198     | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |

Power Spectral Density



### Measurement

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.18000 GHz      | 5.18000 GHz   |
| Stop Frequency  | 5.22000 GHz      | 5.22000 GHz   |
| Span            | 40.000 MHz       | 40.000 MHz    |
| RBW             | 1.000 MHz        | <= 1.000 MHz  |
| VBW             | 3.000 MHz        | >= 3.000 MHz  |
| SweepPoints     | 101              | ~ 80          |
| Sweptime        | 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       | Sweep            | AUTO          |
| Preamp          | off              | off           |

## Occupied Channel Bandwidth 99% (5200 MHz; 24.000 dBm; 40 MHz)

Customized settings.

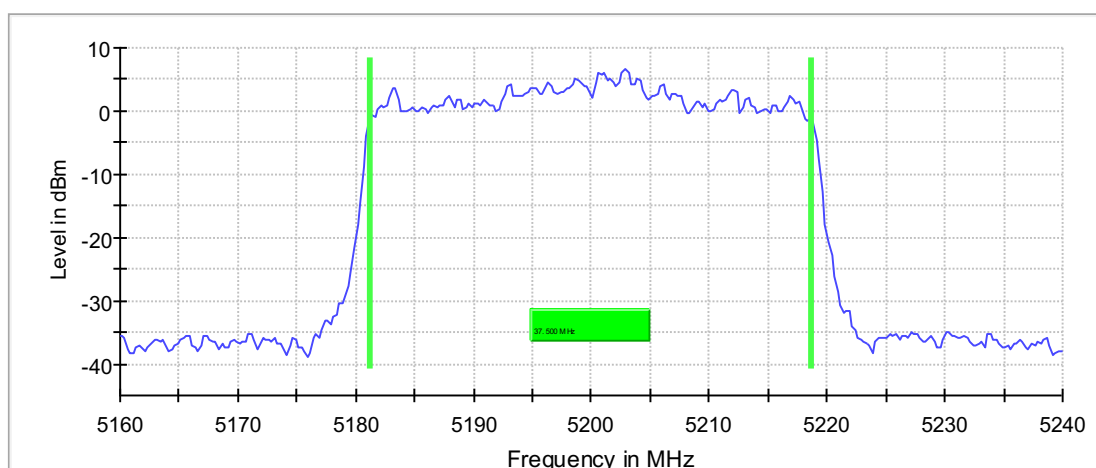
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 37.500000       | ---             | ---             | 5181.125000          | 5218.625000           |

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

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

99 % Bandwidth



### Measurement

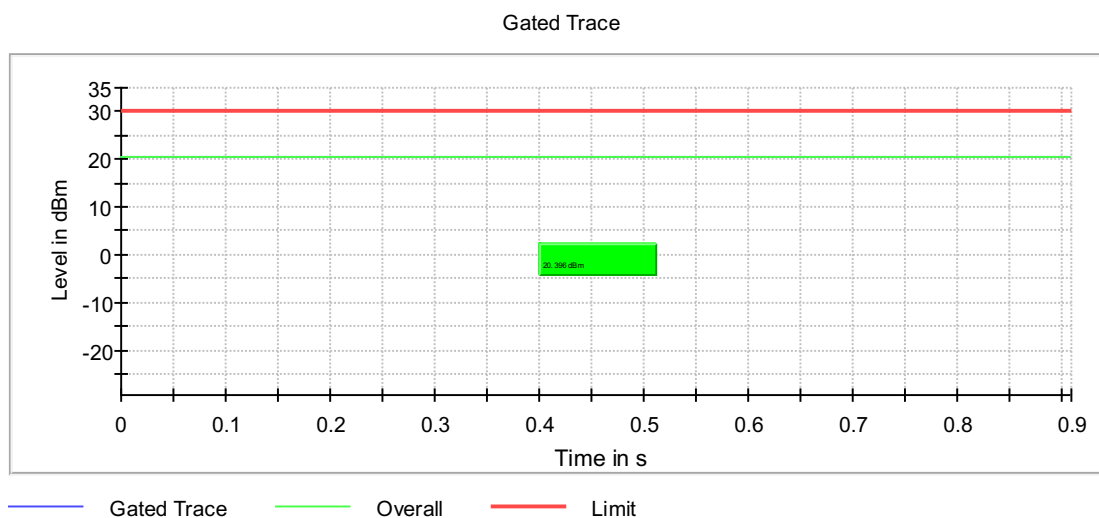
| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.16000 GHz      | 5.16000 GHz    |
| Stop Frequency  | 5.24000 GHz      | 5.24000 GHz    |
| Span            | 80.000 MHz       | 80.000 MHz     |
| RBW             | 500.000 kHz      | >= 400.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 320              | ~ 320          |
| SweepTime       | 18.906 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

## RF output power (5215 MHz; 24.000 dBm; 40 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5215.000000         | 20.4            | 30.0            | 20.4             | 91.898        | 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 |

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

Customized settings.

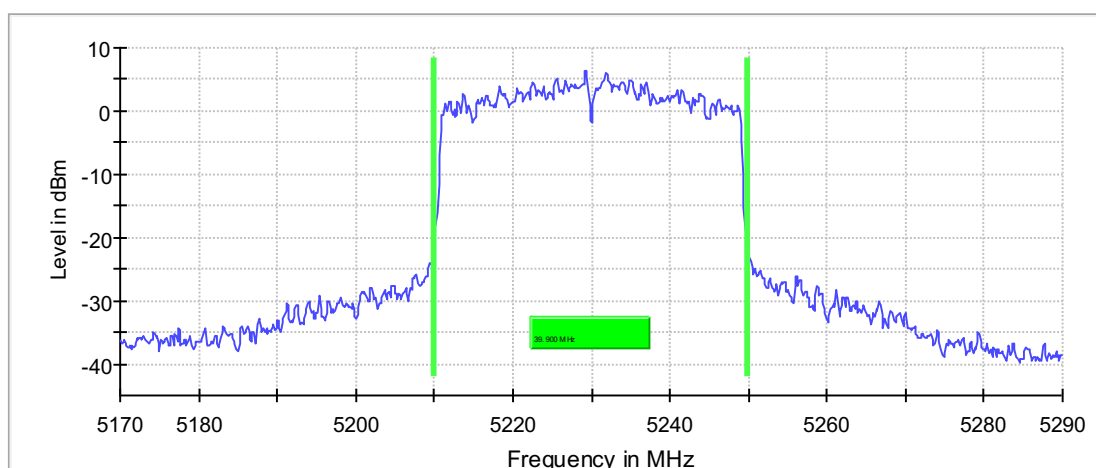
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 39.900000       | ---             | ---             | 5209.825000          | 5249.725000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5230.000000         | 6.4             | PASS   |

26 dB Bandwidth



### Measurement

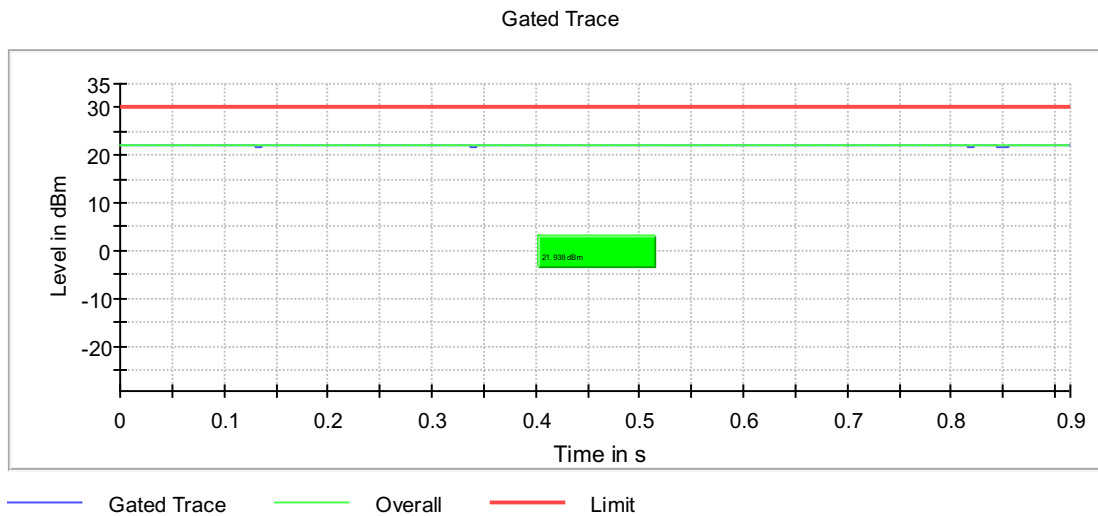
| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.17000 GHz      | 5.17000 GHz    |
| Stop Frequency  | 5.29000 GHz      | 5.29000 GHz    |
| Span            | 120.000 MHz      | 120.000 MHz    |
| RBW             | 300.000 kHz      | ~ 400.000 kHz  |
| VBW             | 1.000 MHz        | >= 900.000 kHz |
| SweepPoints     | 800              | ~ 800          |
| SweepTime       | 50.625 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| Sweeptype       | FFT              | AUTO           |
| Preamp          | off              | off            |

## RF output power (5230 MHz; 24.000 dBm; 40 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5230.000000         | 21.9            | 30.0            | 21.9             | 91.891        | 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 (5230 MHz; 24.000 dBm; 40 MHz)

Customized settings.

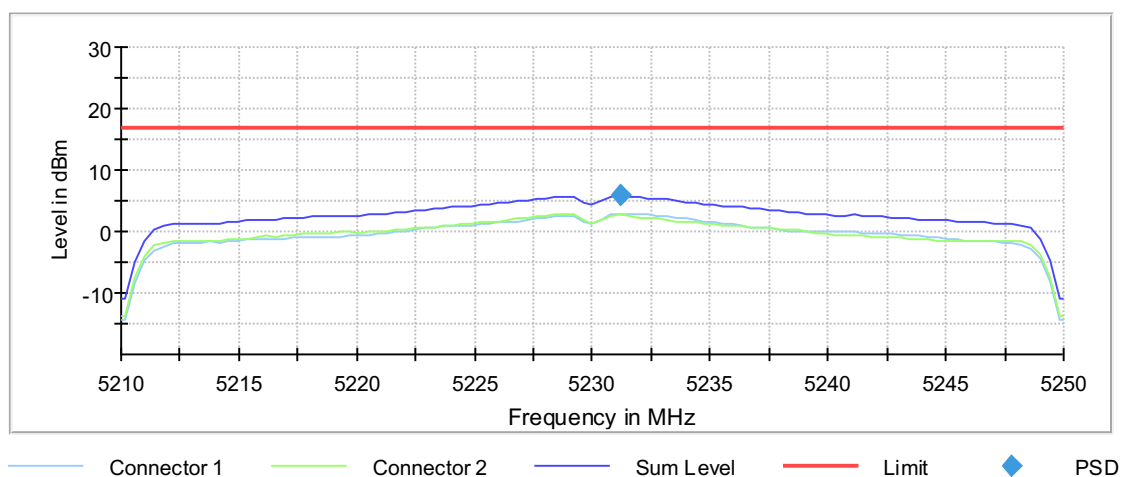
### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5230.000000         | 5231.188119     | 5.787     | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |

Power Spectral Density



### Measurement

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.21000 GHz      | 5.21000 GHz   |
| Stop Frequency  | 5.25000 GHz      | 5.25000 GHz   |
| Span            | 40.000 MHz       | 40.000 MHz    |
| RBW             | 1.000 MHz        | <= 1.000 MHz  |
| VBW             | 3.000 MHz        | >= 3.000 MHz  |
| SweepPoints     | 101              | ~ 80          |
| Sweptime        | 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       | Sweep            | AUTO          |
| Preamp          | off              | off           |



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

Customized settings.

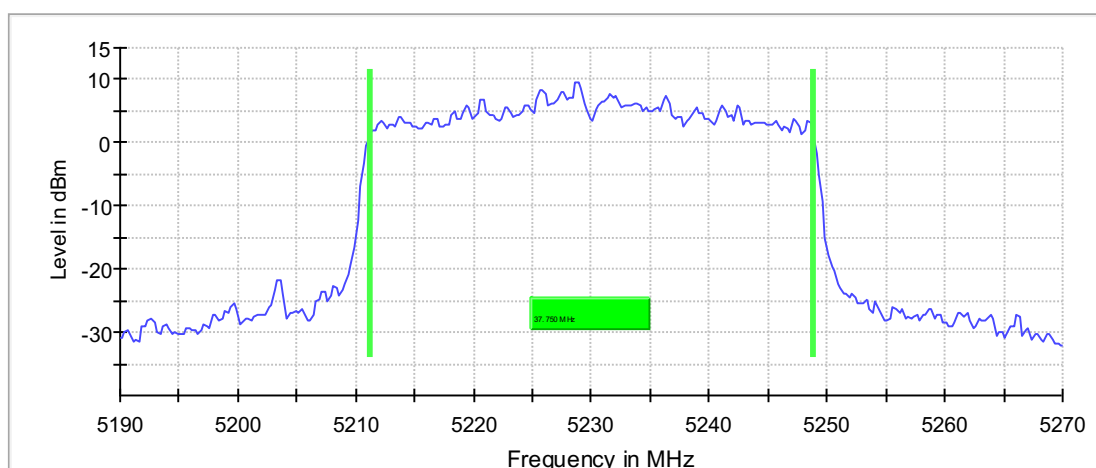
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 37.750000       | ---             | ---             | 5211.125000          | 5248.875000           |

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

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

99 % Bandwidth



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.19000 GHz      | 5.19000 GHz    |
| Stop Frequency  | 5.27000 GHz      | 5.27000 GHz    |
| Span            | 80.000 MHz       | 80.000 MHz     |
| RBW             | 500.000 kHz      | >= 400.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 320              | ~ 320          |
| SweepTime       | 18.906 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

## Emission Bandwidth 26 dB (5195 MHz; 24.000 dBm; 80 MHz)

Customized settings.

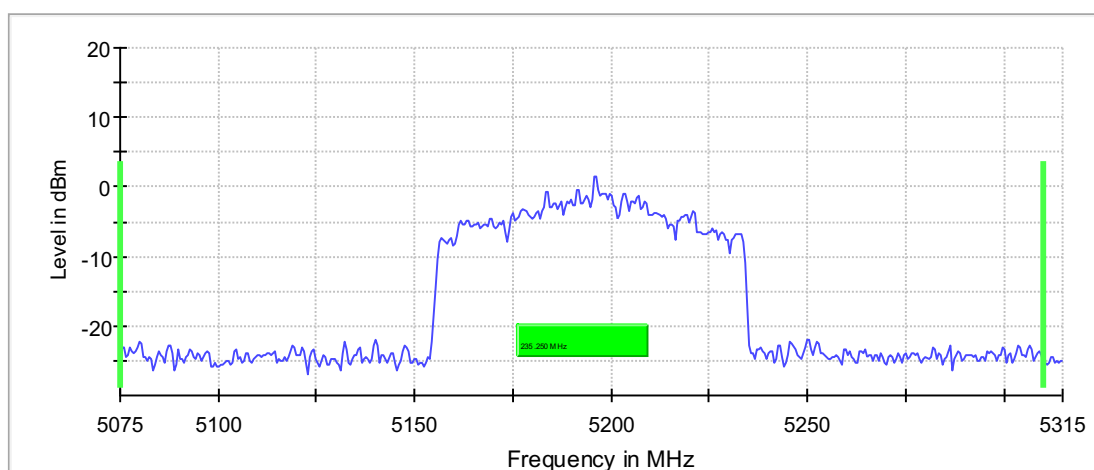
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5195.000000         | 235.250000      | ---             | ---             | 5075.000000          | 5310.250000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5195.000000         | 1.6             | PASS   |

26 dB Bandwidth



### Measurement

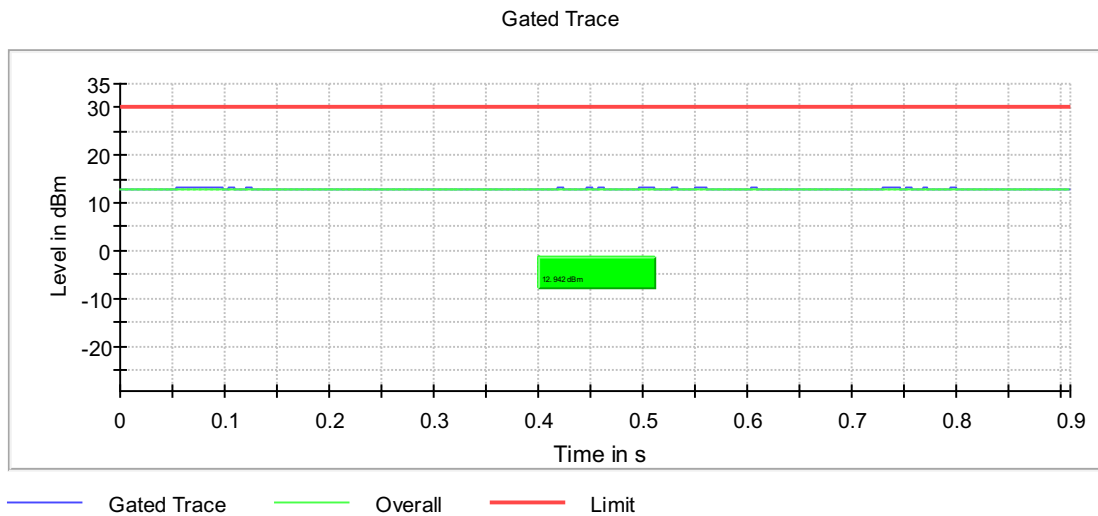
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.07500 GHz      | 5.07500 GHz   |
| Stop Frequency  | 5.31500 GHz      | 5.31500 GHz   |
| Span            | 240.000 MHz      | 240.000 MHz   |
| RBW             | 1.000 MHz        | ~ 800.000 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz  |
| SweepPoints     | 480              | ~ 480         |
| SweepTime       | 32.406 $\mu$ 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 (5195 MHz; 24.000 dBm; 80 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5195.000000         | 12.9            | 30.0            | 12.9             | 91.749        | 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 (5195 MHz; 24.000 dBm; 80 MHz)

Customized settings.

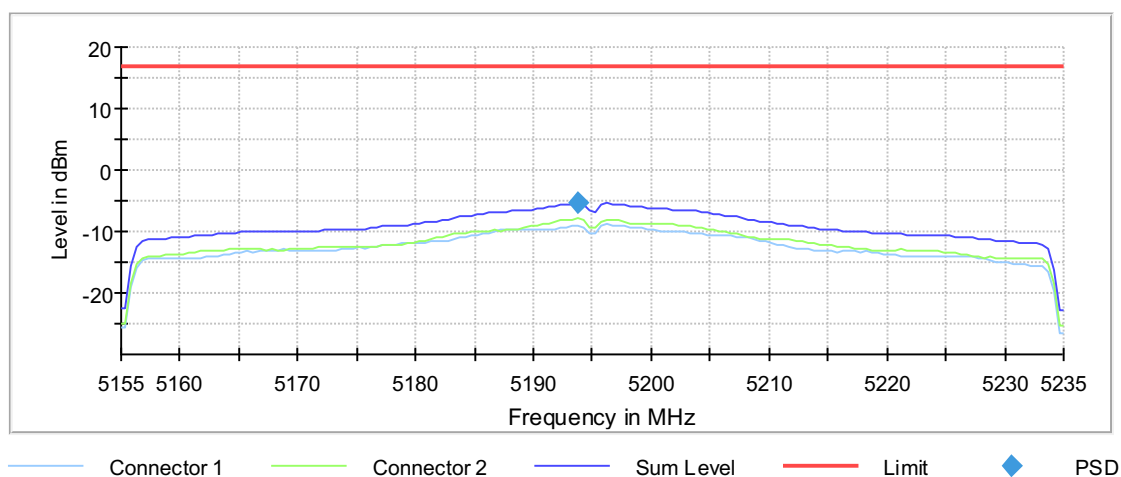
### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5195.000000         | 5193.750000     | -5.430    | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |

Power Spectral Density



### Measurement

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.15500 GHz      | 5.15500 GHz   |
| Stop Frequency  | 5.23500 GHz      | 5.23500 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         |
| Sweptime        | 3.200 ms         | 3.200 ms      |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | AUTO          |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| Sweeptype       | Sweep            | AUTO          |
| Preamp          | off              | off           |

## Occupied Channel Bandwidth 99% (5195 MHz; 24.000 dBm; 80 MHz)

Customized settings.

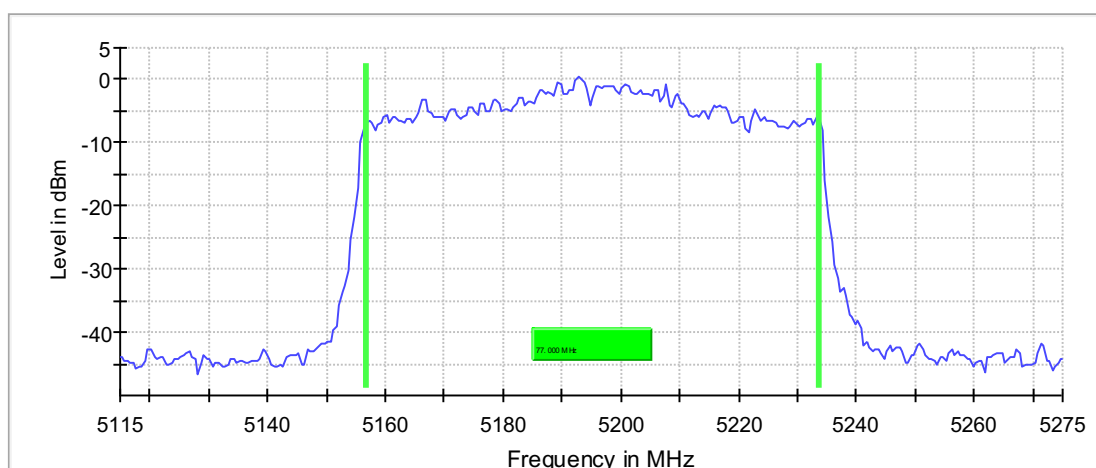
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5195.000000         | 77.000000       | ---             | ---             | 5156.750000          | 5233.750000           |

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

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5195.000000         | PASS   |

99 % Bandwidth



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.11500 GHz      | 5.11500 GHz    |
| Stop Frequency  | 5.27500 GHz      | 5.27500 GHz    |
| Span            | 160.000 MHz      | 160.000 MHz    |
| RBW             | 1.000 MHz        | >= 800.000 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz   |
| SweepPoints     | 320              | ~ 320          |
| SweepTime       | 22.875 $\mu$ s   | AUTO           |
| Reference Level | 0.000 dBm        | 0.000 dBm      |
| Attenuation     | 20.000 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; 80 MHz)

Customized settings.

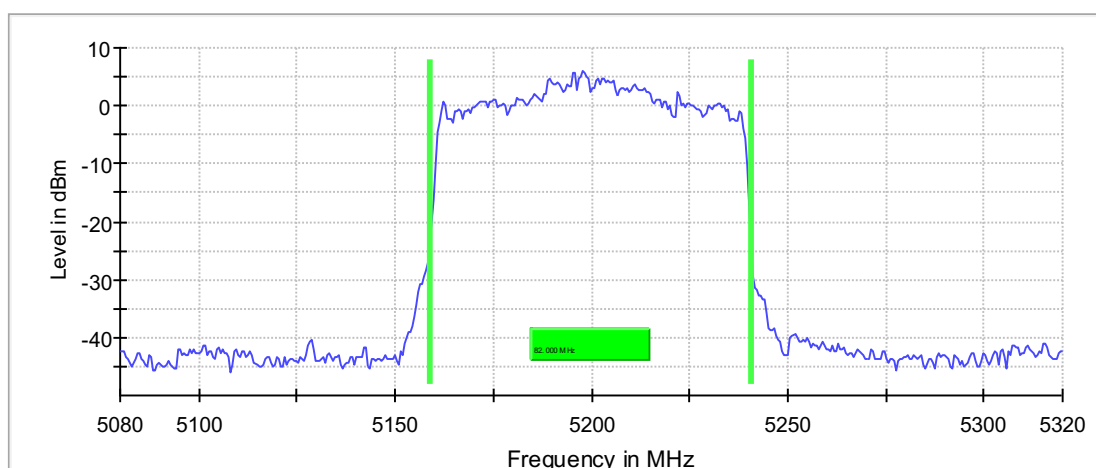
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 82.000000       | ---             | ---             | 5158.750000          | 5240.750000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 6.0             | PASS   |

26 dB Bandwidth



### Measurement

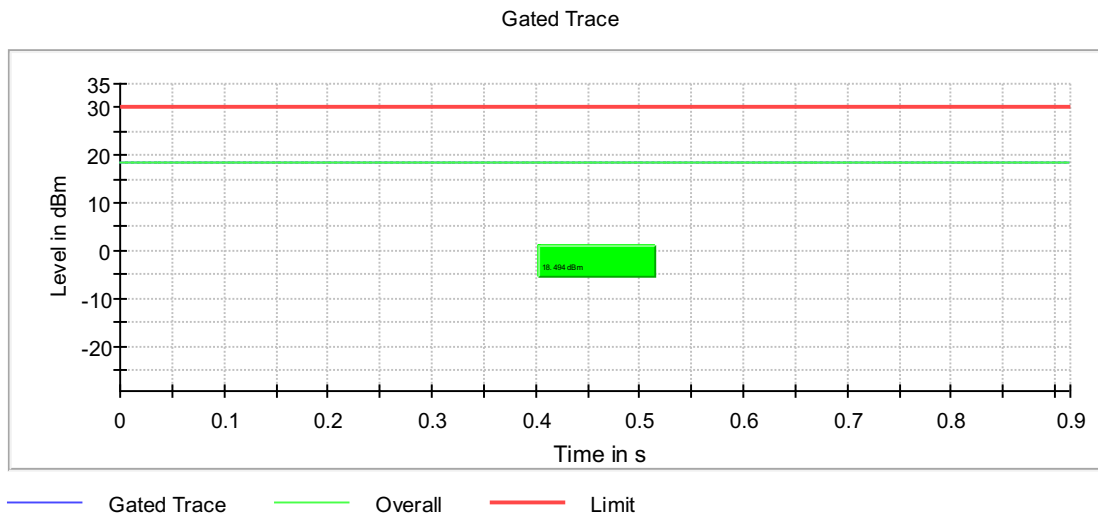
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.08000 GHz      | 5.08000 GHz   |
| Stop Frequency  | 5.32000 GHz      | 5.32000 GHz   |
| Span            | 240.000 MHz      | 240.000 MHz   |
| RBW             | 1.000 MHz        | ~ 800.000 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz  |
| SweepPoints     | 480              | ~ 480         |
| SweepTime       | 32.406 $\mu$ s   | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 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 (5200 MHz; 24.000 dBm; 80 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5200.000000         | 18.5            | 30.0            | 18.5             | 91.771        | 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 (5200 MHz; 24.000 dBm; 80 MHz)

Customized settings.

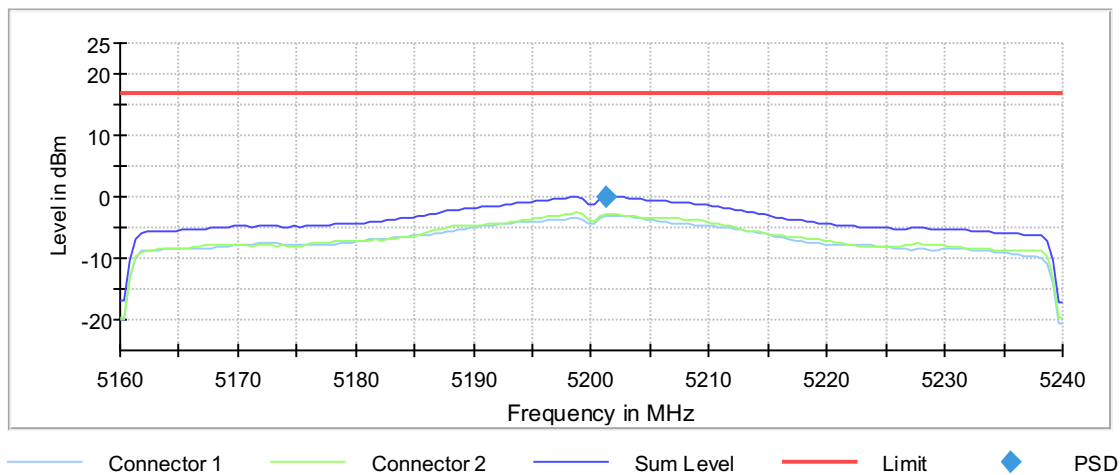
### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5200.000000         | 5201.250000     | 0.114     | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |

Power Spectral Density



### Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 5.16000 GHz      | 5.16000 GHz      |
| Stop Frequency  | 5.24000 GHz      | 5.24000 GHz      |
| Span            | 80.000 MHz       | 80.000 MHz       |
| RBW             | 1.000 MHz        | $\leq 1.000$ MHz |
| VBW             | 3.000 MHz        | $\geq 3.000$ MHz |
| SweepPoints     | 160              | ~ 160            |
| Sweptime        | 3.200 ms         | 3.200 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       | Sweep            | AUTO             |
| Preamp          | off              | off              |



## Occupied Channel Bandwidth 99% (5200 MHz; 24.000 dBm; 80 MHz)

Customized settings.

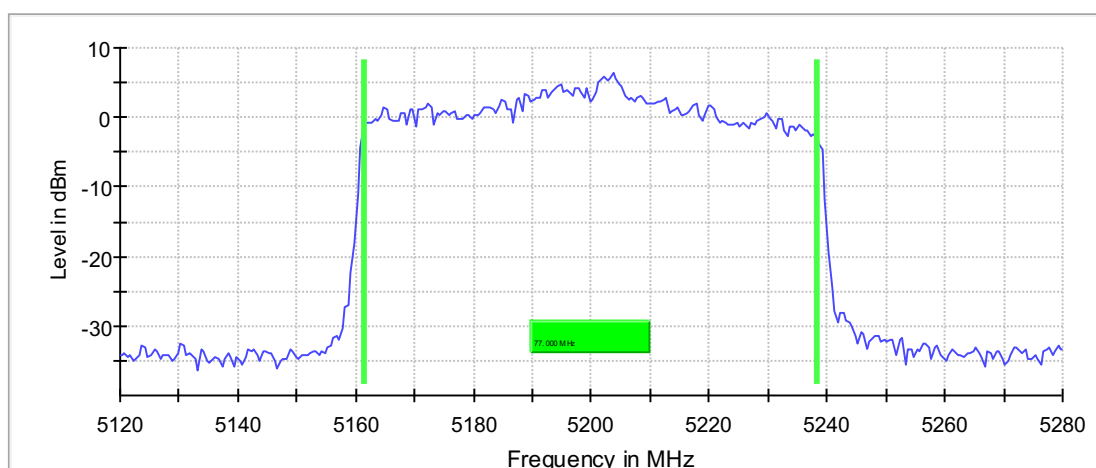
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 77.000000       | ---             | ---             | 5161.250000          | 5238.250000           |

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

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

99 % Bandwidth



### Measurement

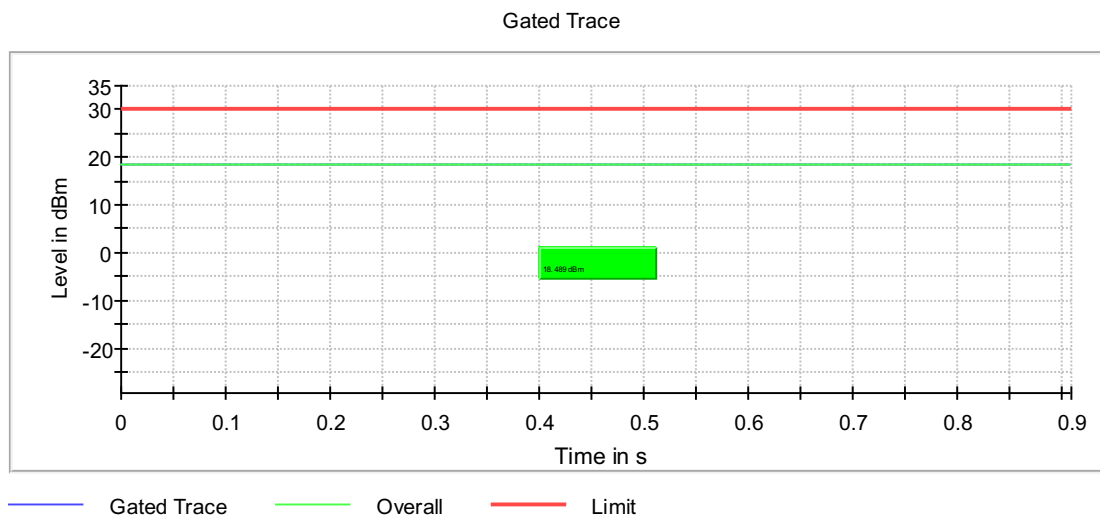
| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.12000 GHz      | 5.12000 GHz    |
| Stop Frequency  | 5.28000 GHz      | 5.28000 GHz    |
| Span            | 160.000 MHz      | 160.000 MHz    |
| RBW             | 1.000 MHz        | >= 800.000 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz   |
| SweepPoints     | 320              | ~ 320          |
| SweepTime       | 22.875 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

## RF output power (5205 MHz; 24.000 dBm; 80 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5205.000000         | 18.5            | 30.0            | 18.5             | 91.784        | 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 |

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

Customized settings.

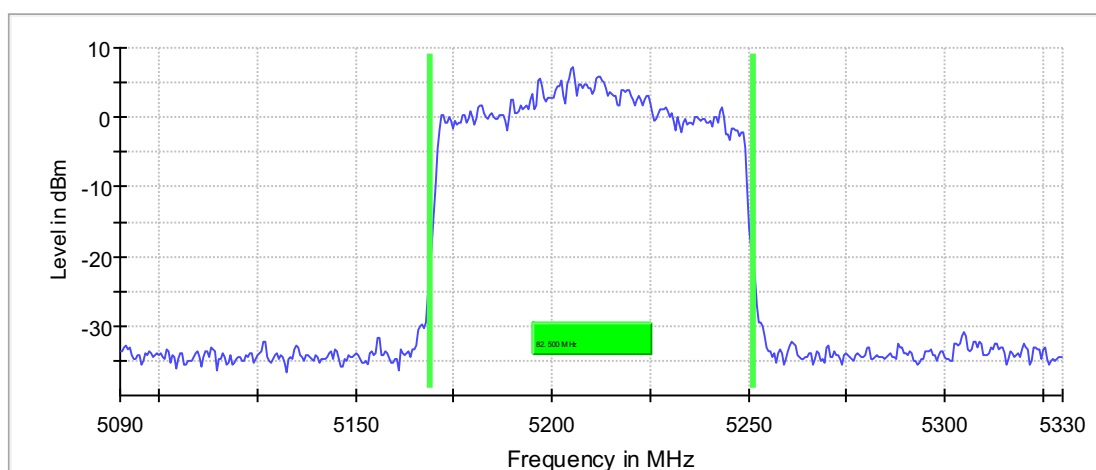
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5210.000000         | 82.500000       | ---             | ---             | 5168.750000          | 5251.250000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5210.000000         | 7.1             | PASS   |

26 dB Bandwidth



### Measurement

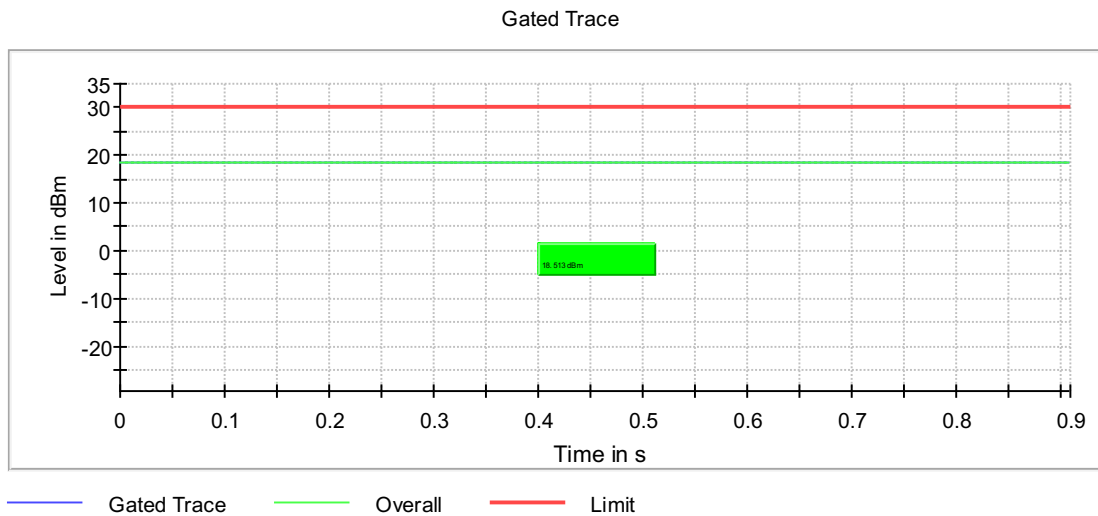
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.09000 GHz      | 5.09000 GHz   |
| Stop Frequency  | 5.33000 GHz      | 5.33000 GHz   |
| Span            | 240.000 MHz      | 240.000 MHz   |
| RBW             | 1.000 MHz        | ~ 800.000 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz  |
| SweepPoints     | 480              | ~ 480         |
| SweepTime       | 32.406 $\mu$ s   | AUTO          |
| Reference Level | 10.000 dBm       | 10.000 dBm    |
| Attenuation     | 30.000 dB        | AUTO          |
| Detector        | MaxPeak          | MaxPeak       |
| SweepCount      | 200              | 200           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Max Hold         | Max Hold      |
| SweepType       | FFT              | AUTO          |
| Preamp          | off              | off           |

## RF output power (5210 MHz; 24.000 dBm; 80 MHz)

Customized settings.

### Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5210.000000         | 18.5            | 30.0            | 18.5             | 91.770        | 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 (5210 MHz; 24.000 dBm; 80 MHz)

Customized settings.

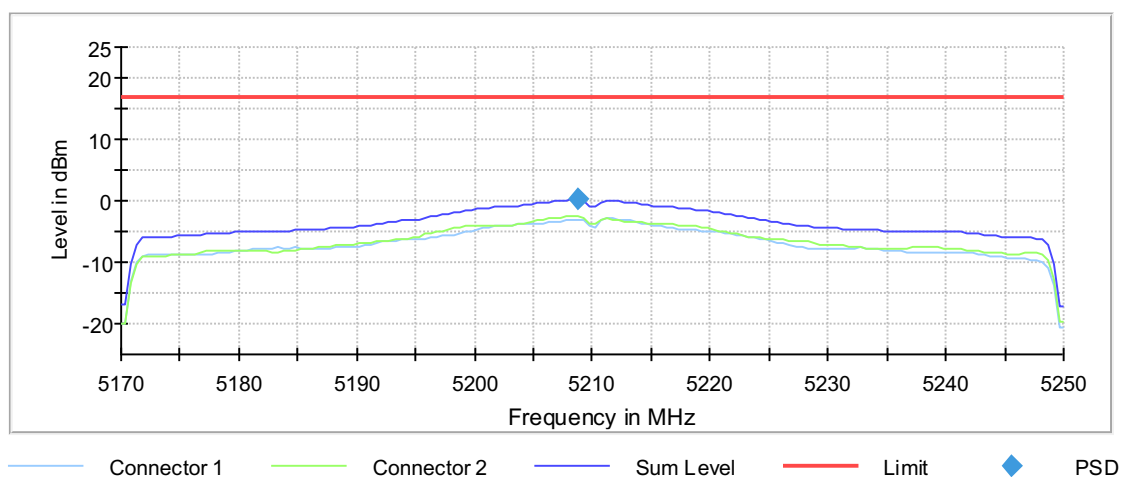
### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5210.000000         | 5208.750000     | 0.322     | 17.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |

Power Spectral Density



### Measurement

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.17000 GHz      | 5.17000 GHz   |
| Stop Frequency  | 5.25000 GHz      | 5.25000 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         |
| Sweptime        | 3.200 ms         | 3.200 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       | Sweep            | AUTO          |
| Preamp          | off              | off           |

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

Customized settings.

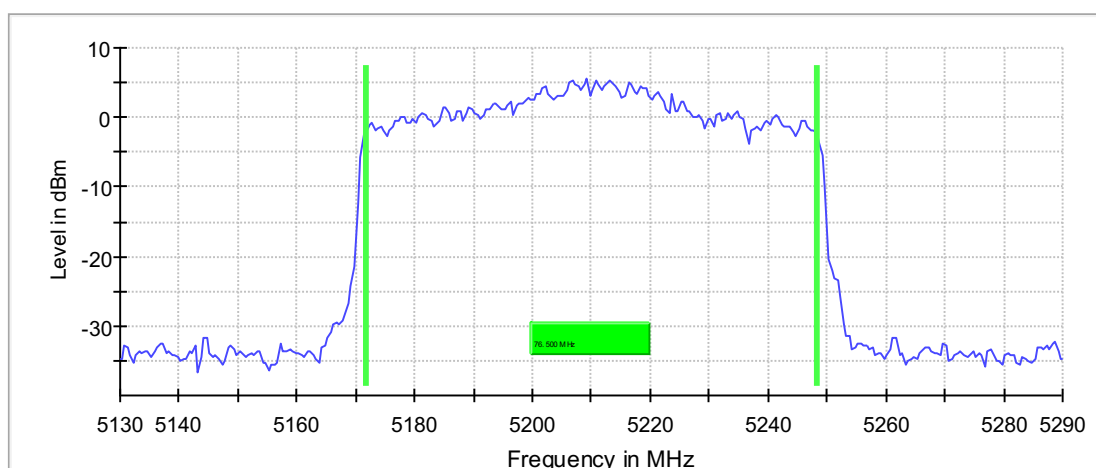
### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5210.000000         | 76.500000       | ---             | ---             | 5171.750000          | 5248.250000           |

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

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

99 % Bandwidth



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.13000 GHz      | 5.13000 GHz    |
| Stop Frequency  | 5.29000 GHz      | 5.29000 GHz    |
| Span            | 160.000 MHz      | 160.000 MHz    |
| RBW             | 1.000 MHz        | >= 800.000 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz   |
| SweepPoints     | 320              | ~ 320          |
| SweepTime       | 22.875 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |