



427 West 12800 South  
Draper, UT 84020

## Test Report Attachment

|                                  |               |
|----------------------------------|---------------|
| <b>FCC ID</b>                    | SWX-U7LR      |
| <b>ISED ID</b>                   | 6545A-U7LR    |
| <b>Equipment Under Test</b>      | U7-LR         |
| <b>Test Report Serial Number</b> | TR9916_01     |
| <b>Date of Tests</b>             | 31 March 2025 |
| <b>Report Issue Date</b>         | 11 April 2025 |

## Test Personnel

|                             |               |
|-----------------------------|---------------|
| <b>Testing performed by</b> | Evan Hartzell |
|-----------------------------|---------------|

## Test Location

Testing was performed at the Unified Compliance Laboratory located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2025. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until 30 June 2025. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



**NVLAP LAB CODE 600241-0**

# 1 RF Conducted NII-3

NOTE: The first channel contains the equipment setting table(s), if subsequent channels do not have an equipment setting table(s) then the equipment setting table(s) is the same as the first channel.

## 1.1 HE Mode

### Summary

| Test                            | Frequency (MHz) | Nominal Bandwidth (MHz) | Result |
|---------------------------------|-----------------|-------------------------|--------|
| Emission Bandwidth 26 dB        | 5745.000        | 20.000000               | PASS   |
| RF output power                 | 5745.000        | 20.000000               | PASS   |
| Power Spectral Density          | 5745.000        | 20.000000               | PASS   |
| Minimum Emission Bandwidth 6 dB | 5745.000        | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99%  | 5745.000        | 20.000000               | PASS   |
| Tx Spurious Emission            | 5745.000        | 20.000000               | PASS   |
| Emission Bandwidth 26 dB        | 5775.000        | 20.000000               | PASS   |
| Power Spectral Density          | 5775.000        | 20.000000               | PASS   |
| Minimum Emission Bandwidth 6 dB | 5775.000        | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99%  | 5775.000        | 20.000000               | PASS   |
| Tx Spurious Emission            | 5775.000        | 20.000000               | PASS   |
| Emission Bandwidth 26 dB        | 5825.000        | 20.000000               | PASS   |
| Power Spectral Density          | 5825.000        | 20.000000               | PASS   |
| Minimum Emission Bandwidth 6 dB | 5825.000        | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99%  | 5825.000        | 20.000000               | PASS   |
| Tx Spurious Emission            | 5825.000        | 20.000000               | PASS   |
| Emission Bandwidth 26 dB        | 5755.000        | 40.000000               | PASS   |
| Power Spectral Density          | 5755.000        | 40.000000               | PASS   |
| Minimum Emission Bandwidth 6 dB | 5755.000        | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99%  | 5755.000        | 40.000000               | PASS   |
| Tx Spurious Emission            | 5755.000        | 40.000000               | PASS   |
| Emission Bandwidth 26 dB        | 5775.000        | 40.000000               | PASS   |
| Power Spectral Density          | 5775.000        | 40.000000               | PASS   |
| Minimum Emission Bandwidth 6 dB | 5775.000        | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99%  | 5775.000        | 40.000000               | PASS   |
| Tx Spurious Emission            | 5775.000        | 40.000000               | PASS   |
| Emission Bandwidth 26 dB        | 5795.000        | 40.000000               | PASS   |
| Power Spectral Density          | 5795.000        | 40.000000               | PASS   |
| Minimum Emission Bandwidth 6 dB | 5795.000        | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99%  | 5795.000        | 40.000000               | PASS   |
| Tx Spurious Emission            | 5795.000        | 40.000000               | PASS   |
| Emission Bandwidth 26 dB        | 5775.000        | 80.000000               | PASS   |
| Power Spectral Density          | 5775.000        | 80.000000               | PASS   |
| Minimum Emission Bandwidth 6 dB | 5775.000        | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99%  | 5775.000        | 80.000000               | PASS   |
| Tx Spurious Emission            | 5775.000        | 80.000000               | PASS   |

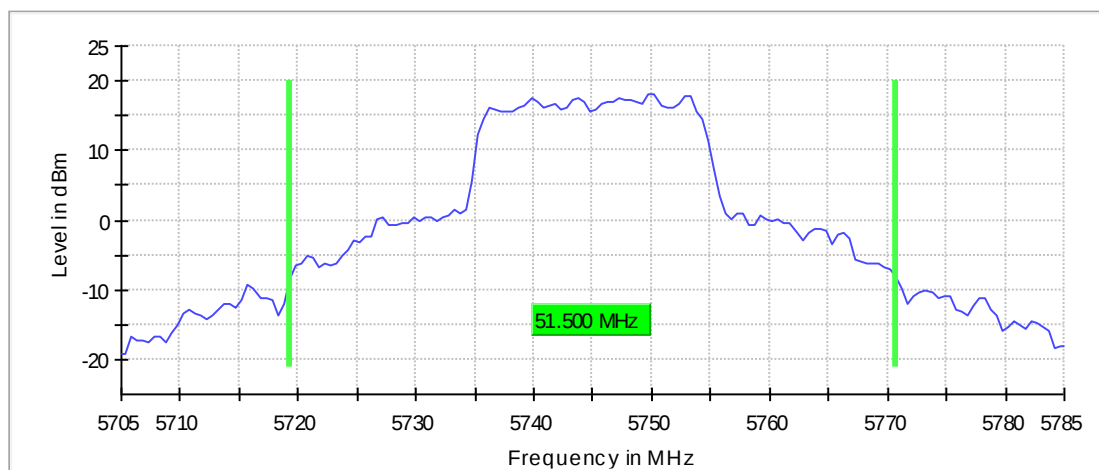
## Emission Bandwidth 26 dB (5745 MHz; 24.000 dBm; 20 MHz)

### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5745.000000         | 51.500000       | ---             | ---             | 5719.250000          | 5770.750000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5745.000000         | 18.1            | PASS   |

26 dB Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 5.70500 GHz      | 5.70500 GHz  |
| Stop Frequency  | 5.78500 GHz      | 5.78500 GHz  |
| Span            | 80.000 MHz       | 80.000 MHz   |
| RBW             | 1.000 MHz        | ~ 1.000 MHz  |
| VBW             | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints     | 160              | ~ 160        |
| SweepTime       | 11.438 $\mu$ s   | AUTO         |
| Reference Level | 10.000 dBm       | 10.000 dBm   |
| Attenuation     | 20.000 dB        | 0.000 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 (5745 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---------------------|-----------------|-----------------|------------------|---------------|--------|
| 5745.000000         | 27.6            | 30.0            | 27.6             | 85.314        | 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 |

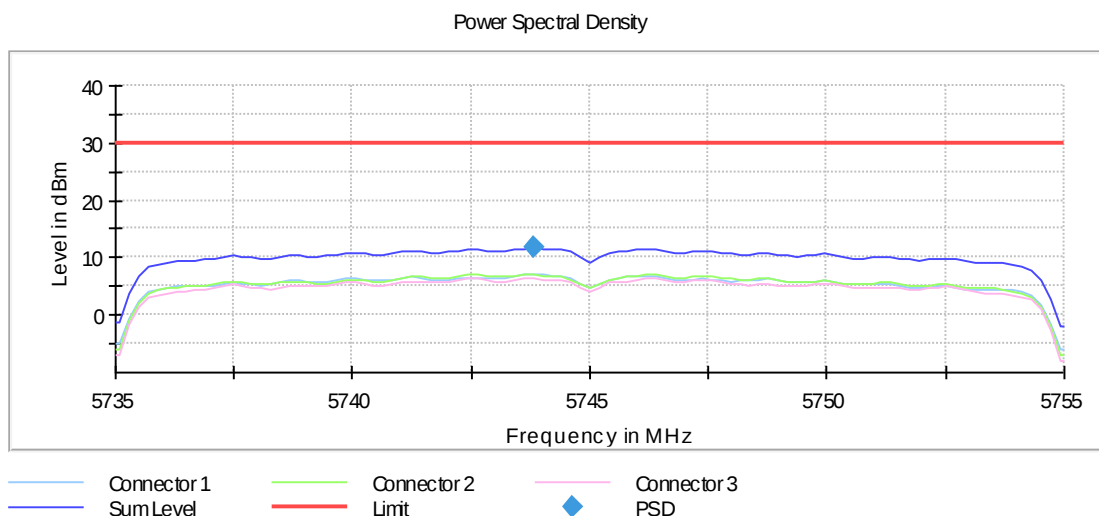
## Power Spectral Density (5745 MHz; 24.000 dBm; 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5745.000000         | 5743.811881     | 11.647    | 30.0            | PASS   |

### Ports

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



### Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.73500 GHz      | 5.73500 GHz    |
| Stop Frequency  | 5.75500 GHz      | 5.75500 GHz    |
| Span            | 20.000 MHz       | 20.000 MHz     |
| RBW             | 500.000 kHz      | <= 500.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 101              | ~ 80           |
| 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            |

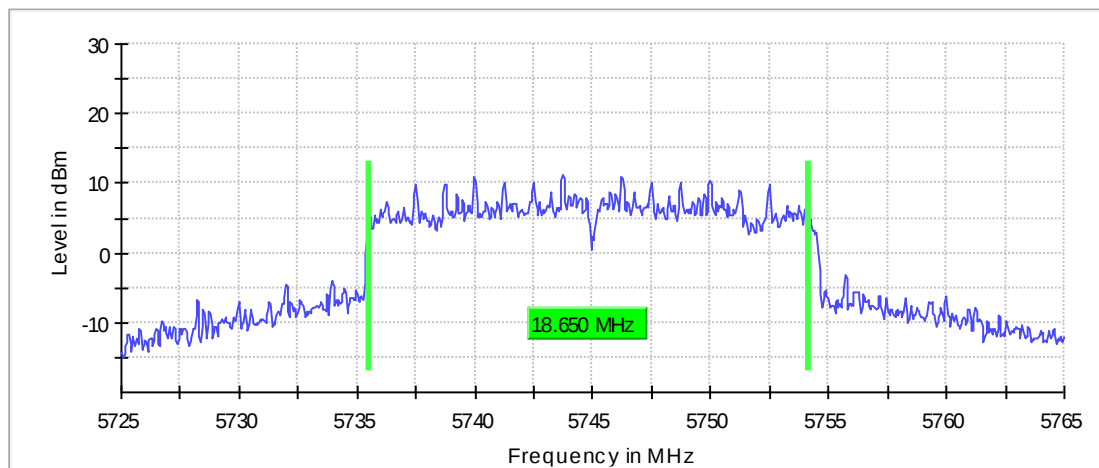
## Minimum Emission Bandwidth 6 dB (5745 MHz; 24.000 dBm; 20 MHz)

### 6 dB Bandwidth

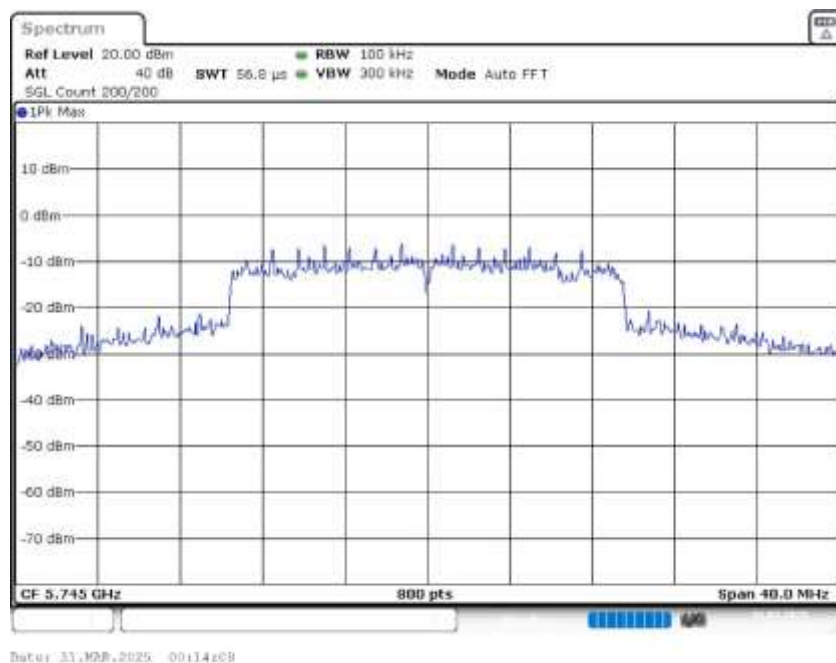
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5745.000000         | 18.650000       | 0.500000        | ---             | 5735.475000          | 5754.125000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5745.000000         | 11.1            | PASS   |

6 dB Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.72500 GHz      | 5.72500 GHz   |
| Stop Frequency  | 5.76500 GHz      | 5.76500 GHz   |
| Span            | 40.000 MHz       | 40.000 MHz    |
| RBW             | 100.000 kHz      | ~ 100.000 kHz |
| VBW             | 300.000 kHz      | ~ 300.000 kHz |
| SweepPoints     | 800              | ~ 800         |
| SweepTime       | 56.836 μs        | 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           |

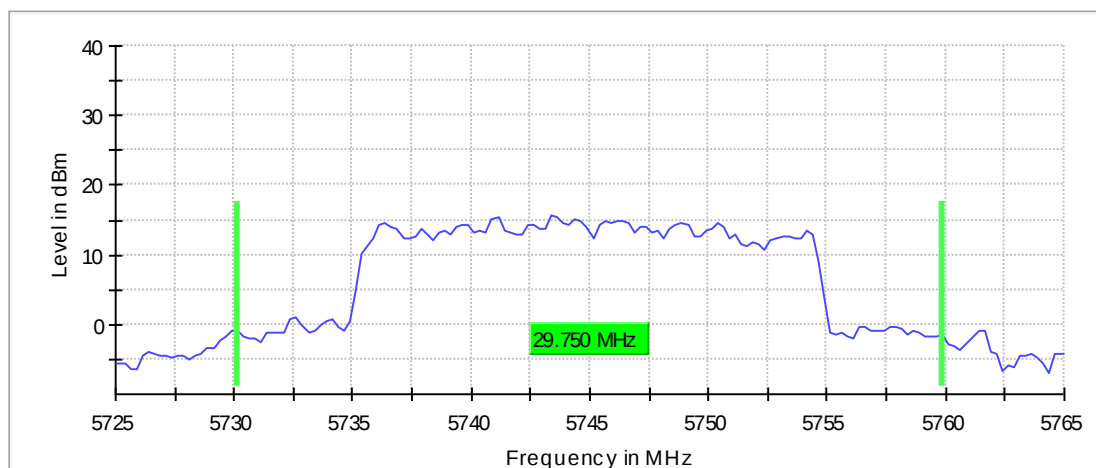
## Occupied Channel Bandwidth 99% (5745 MHz; 24.000 dBm; 20 MHz)

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5745.000000         | 29.750000       | ---             | ---             | 5730.125000          | 5759.875000           |

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5745.000000         | PASS   |

99 %Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value       |
|-----------------|------------------|--------------------|
| Start Frequency | 5.72500 GHz      | 5.72500 GHz        |
| Stop Frequency  | 5.76500 GHz      | 5.76500 GHz        |
| Span            | 40.000 MHz       | 40.000 MHz         |
| RBW             | 500.000 kHz      | $\geq$ 500.000 kHz |
| VBW             | 2.000 MHz        | $\geq$ 1.500 MHz   |
| SweepPoints     | 160              | $\sim$ 160         |
| Sweptime        | 11.344 $\mu$ 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      |

## Tx Spurious Emission (5745 MHz; 24.000 dBm; 20 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5745.000000         | PASS   |

### Final measurements

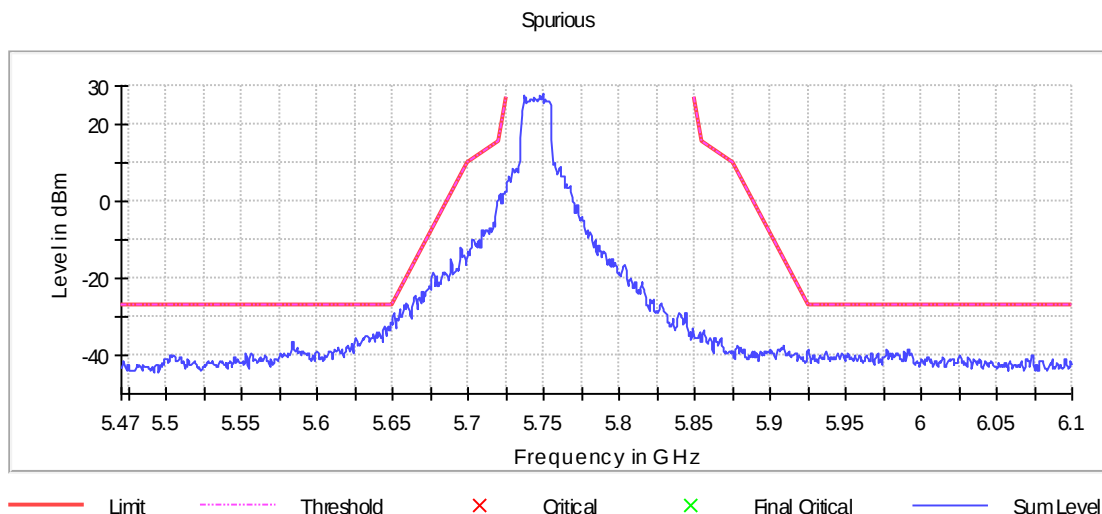
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5650.750000     | -29.0       | 2.5         | -26.4       |
| 5651.250000     | -29.4       | 3.3         | -26.1       |
| 5650.250000     | -30.2       | 3.4         | -26.8       |
| 5654.250000     | -28.1       | 4.2         | -23.9       |
| 5649.250000     | -31.3       | 4.3         | -27.0       |
| 5654.750000     | -28.0       | 4.6         | -23.5       |
| 5648.750000     | -31.7       | 4.7         | -27.0       |
| 5649.750000     | -31.9       | 4.9         | -27.0       |
| 5648.250000     | -32.1       | 5.1         | -27.0       |
| 5644.250000     | -32.4       | 5.4         | -27.0       |
| 5657.250000     | -27.2       | 5.5         | -21.6       |
| 5646.750000     | -32.5       | 5.5         | -27.0       |
| 5644.750000     | -32.7       | 5.7         | -27.0       |
| 5652.750000     | -30.7       | 5.8         | -25.0       |
| 5646.250000     | -32.8       | 5.8         | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 5470.000000           | 6100.000000          | 2               | 2                 |



## Pre Measurement 2

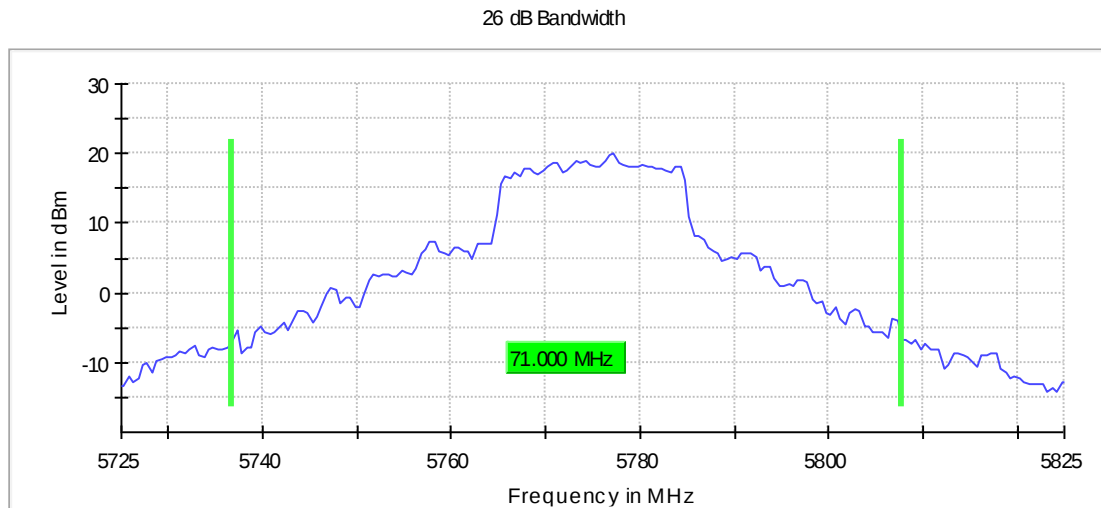
| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| RBW             | 1.000 MHz        | $\leq 1.000$ MHz |
| VBW             | 3.000 MHz        | $\geq 3.000$ MHz |
| SweepPoints     | 1260             | ~ 1260           |
| SweepTime       | 85.781 $\mu$ s   | AUTO             |
| Reference Level | 10.000 dBm       | -10.000 dBm      |
| Attenuation     | 20.000 dB        | 5.000 dB         |
| Detector        | MaxPeak          | MaxPeak          |
| SweepCount      | 30               | 30               |
| Filter          | 3 dB             | 3 dB             |
| Trace Mode      | Max Hold         | Max Hold         |
| SweepType       | FFT              | AUTO             |
| Preamp          | off              | off              |

## Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 20 MHz)

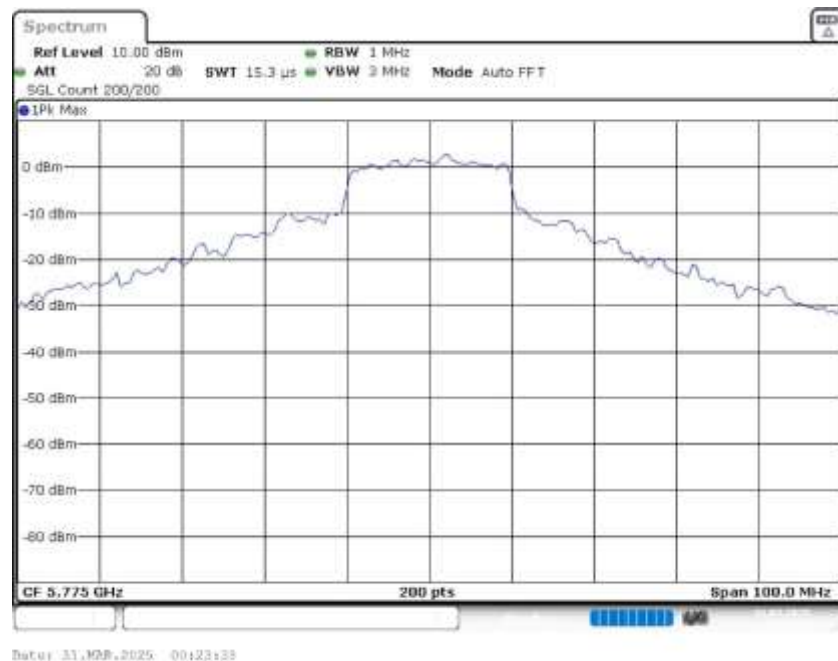
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 71.000000       | ---             | ---             | 5736.750000          | 5807.750000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5775.000000         | 20.0            | PASS   |



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 5.72500 GHz      | 5.72500 GHz  |
| Stop Frequency  | 5.82500 GHz      | 5.82500 GHz  |
| Span            | 100.000 MHz      | 100.000 MHz  |
| RBW             | 1.000 MHz        | ~ 1.000 MHz  |
| VBW             | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints     | 200              | ~ 200        |
| SweepTime       | 15.250 $\mu$ s   | AUTO         |
| Reference Level | 10.000 dBm       | 10.000 dBm   |

|              |           |          |
|--------------|-----------|----------|
| Attenuation  | 20.000 dB | 0.000 dB |
| Detector     | MaxPeak   | MaxPeak  |
| SweepCount   | 200       | 200      |
| Filter       | 3 dB      | 3 dB     |
| Trace Mode   | Max Hold  | Max Hold |
| SweepType    | FFT       | AUTO     |
| Preamplifier | off       | off      |

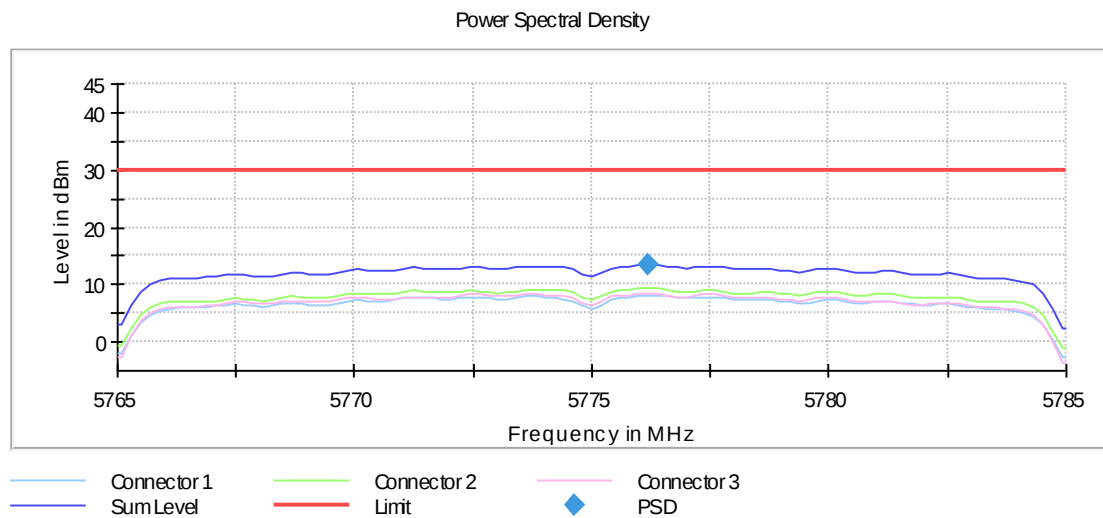
## Power Spectral Density (5775 MHz; 24.000 dBm; 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5775.000000         | 5776.188119     | 13.561    | 30.0            | PASS   |

### Ports

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

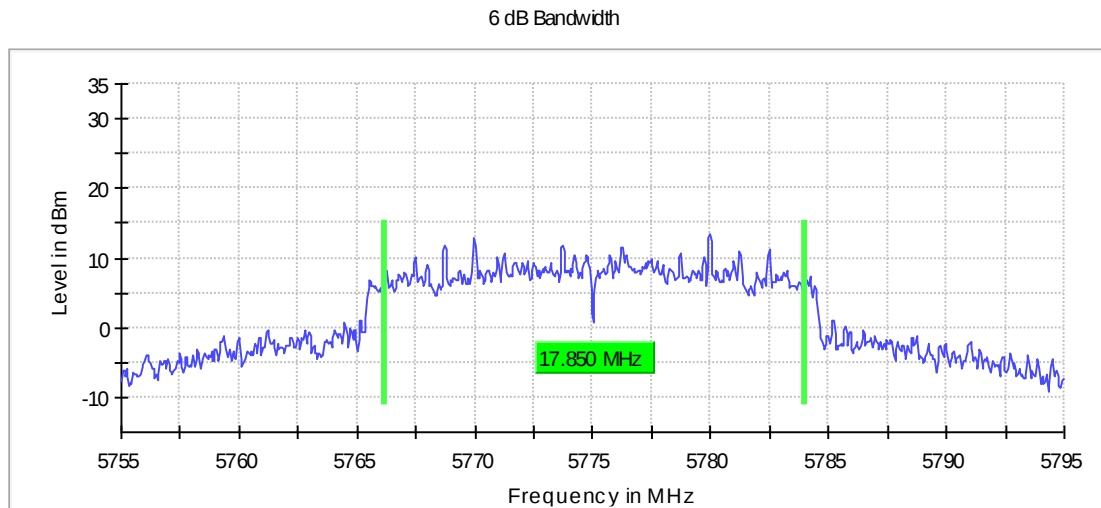


## Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 20 MHz)

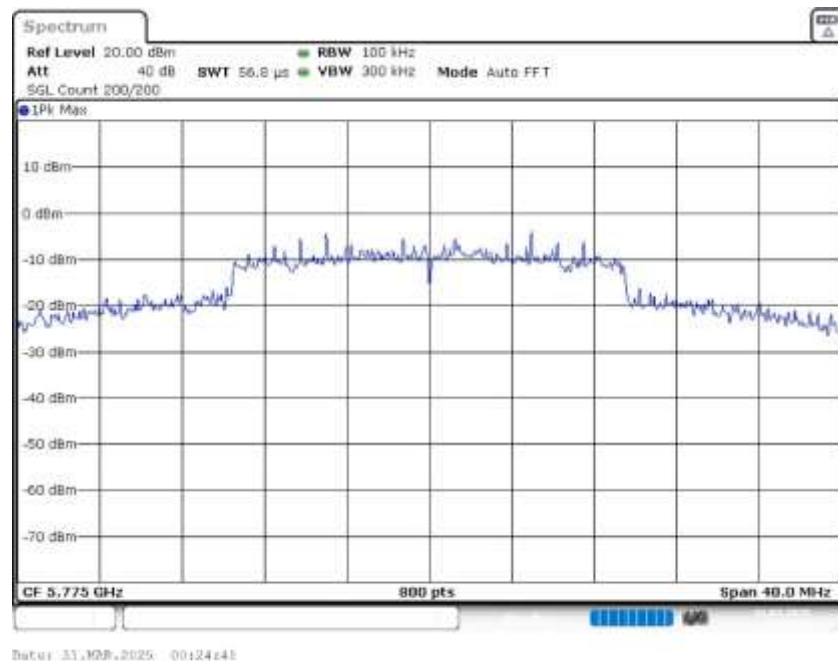
### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 17.850000       | 0.500000        | ---             | 5766.175000          | 5784.025000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5775.000000         | 13.4            | PASS   |



Bandwidth



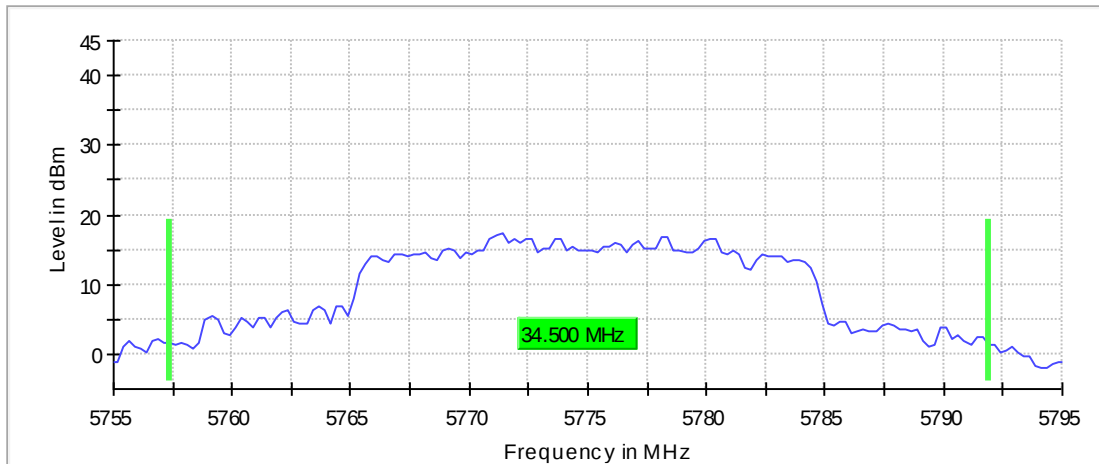
**Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 20 MHz)**

**99 % Bandwidth**

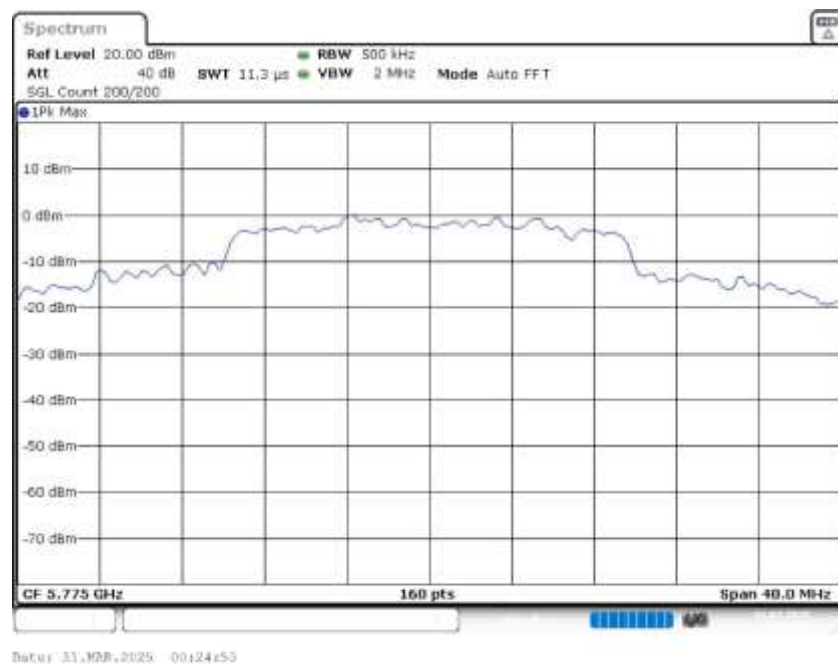
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 34.500000       | ---             | ---             | 5757.375000          | 5791.875000           |

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5775.000000         | PASS   |

99 %Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 5.75500 GHz      | 5.75500 GHz  |
| Stop Frequency  | 5.79500 GHz      | 5.79500 GHz  |
| Span            | 40.000 MHz       | 40.000 MHz   |

|                 |             |                |
|-----------------|-------------|----------------|
| RBW             | 500.000 kHz | >= 500.000 kHz |
| VBW             | 2.000 MHz   | >= 1.500 MHz   |
| SweepPoints     | 160         | ~ 160          |
| SweepTime       | 11.344 µs   | 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            |

## Tx Spurious Emission (5775 MHz; 24.000 dBm; 20 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5775.000000         | PASS   |

### Final measurements

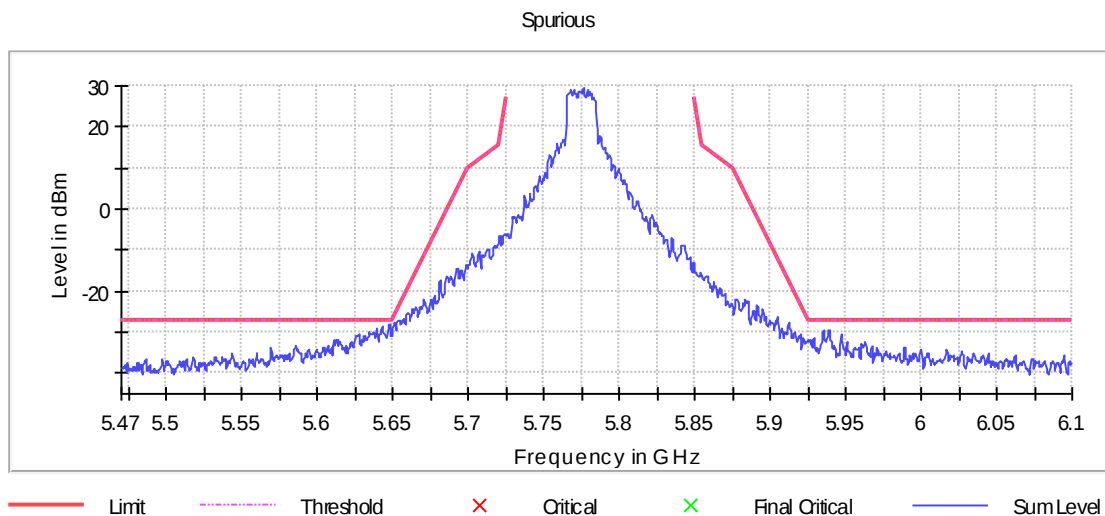
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5647.750000     | -28.1       | 1.1         | -27.0       |
| 5647.250000     | -28.2       | 1.2         | -27.0       |
| 5651.250000     | -27.7       | 1.6         | -26.1       |
| 5650.750000     | -28.2       | 1.7         | -26.4       |
| 5642.750000     | -28.8       | 1.8         | -27.0       |
| 5646.750000     | -28.9       | 1.9         | -27.0       |
| 5639.250000     | -29.0       | 2.0         | -27.0       |
| 5638.750000     | -29.0       | 2.0         | -27.0       |
| 5650.250000     | -28.9       | 2.1         | -26.8       |
| 5648.250000     | -29.2       | 2.2         | -27.0       |
| 5938.750000     | -29.3       | 2.3         | -27.0       |
| 5642.250000     | -29.3       | 2.3         | -27.0       |
| 5935.250000     | -29.4       | 2.4         | -27.0       |
| 5939.250000     | -29.5       | 2.5         | -27.0       |
| 5643.250000     | -29.5       | 2.5         | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 5470.000000           | 6100.000000          | 2               | 2                 |

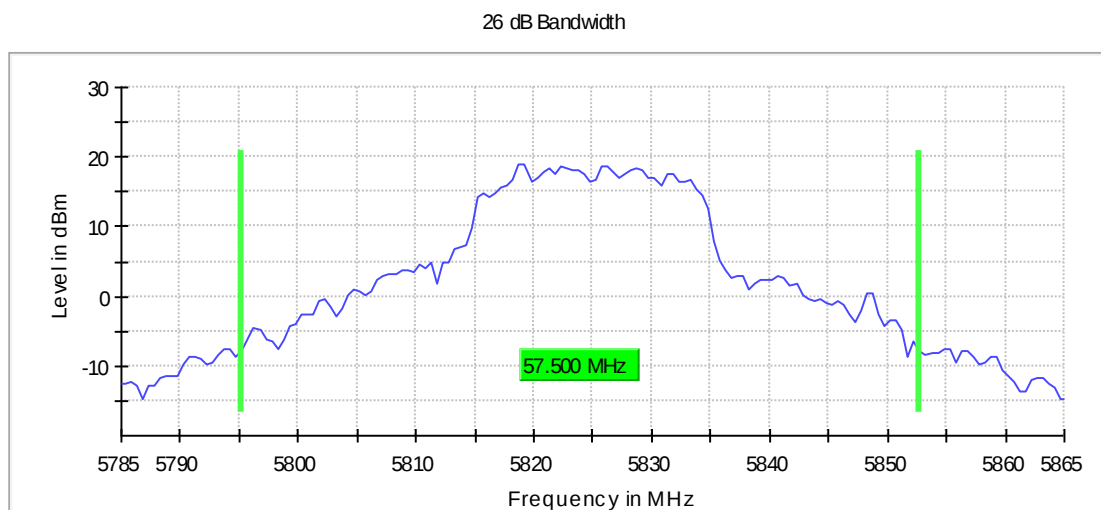


## Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 20 MHz)

### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5825.000000         | 57.500000       | ---             | ---             | 5795.250000          | 5852.750000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5825.000000         | 18.9            | PASS   |



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.78500 GHz      | 5.78500 GHz    |
| Stop Frequency  | 5.86500 GHz      | 5.86500 GHz    |
| Span            | 80.000 MHz       | 80.000 MHz     |
| RBW             | 1.000 MHz        | >= 666.667 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz   |
| SweepPoints     | 160              | ~ 160          |
| SweepTime       | 11.438 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 20.000 dB        | 0.000 dB       |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

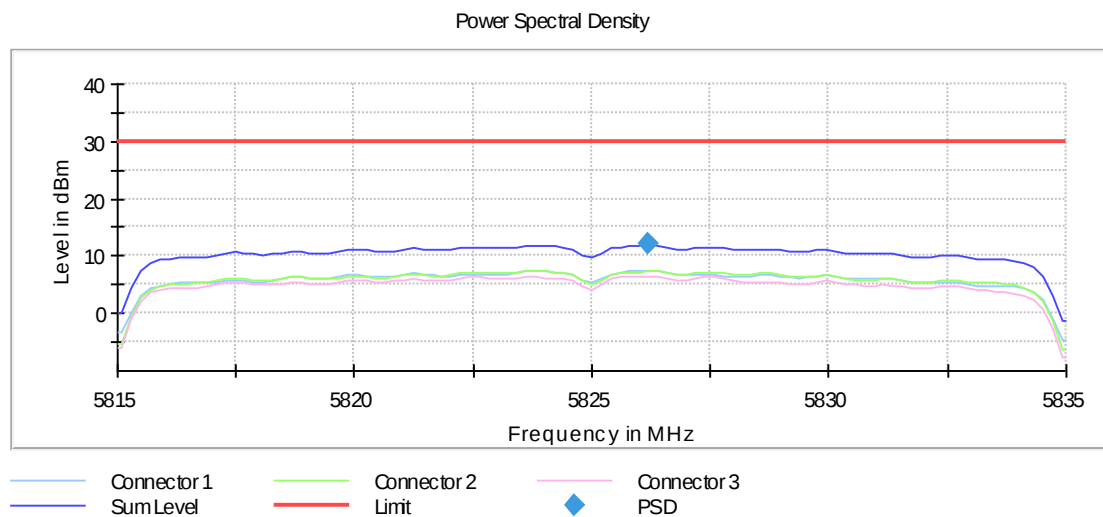
## Power Spectral Density (5825 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5825.000000         | 5826.188119     | 11.983    | 30.0            | PASS   |

## Ports

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

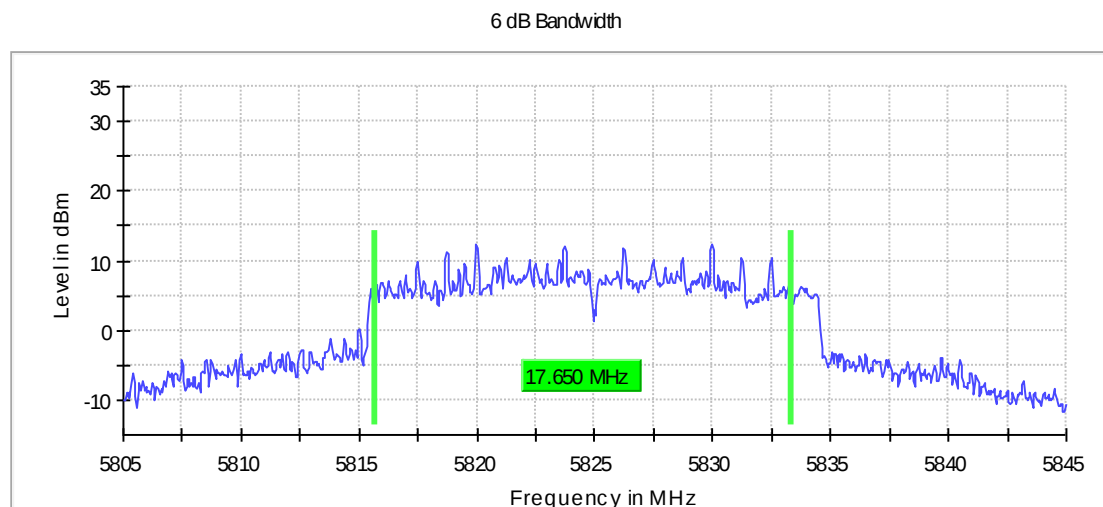


## Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 20 MHz)

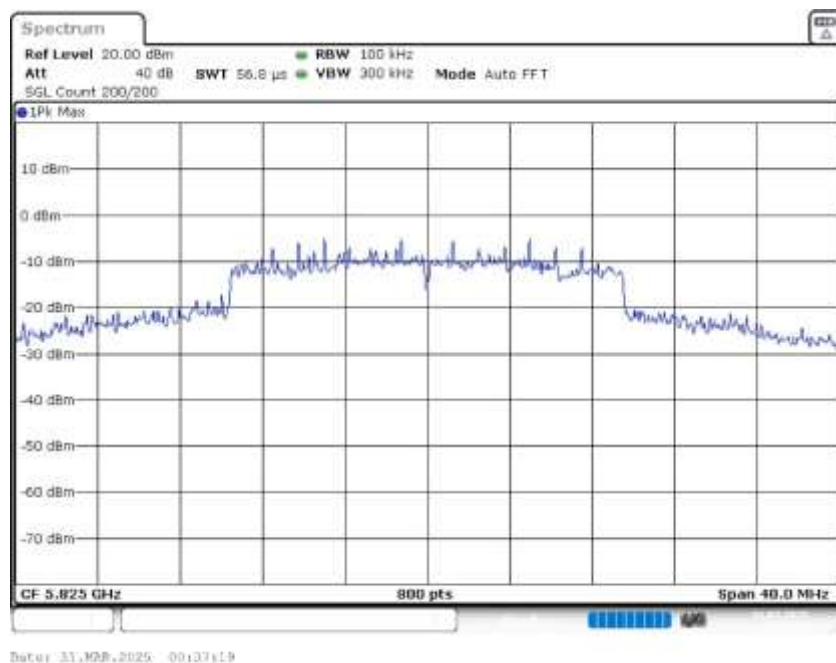
### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5825.000000         | 17.650000       | 0.500000        | ---             | 5815.675000          | 5833.325000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5825.000000         | 12.4            | PASS   |



Bandwidth



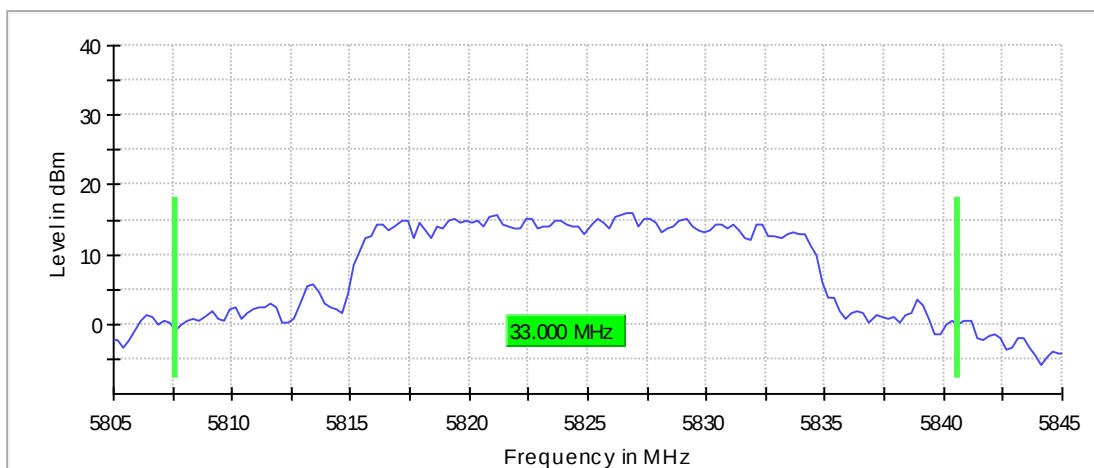
**Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 20 MHz)**

### 99 % Bandwidth

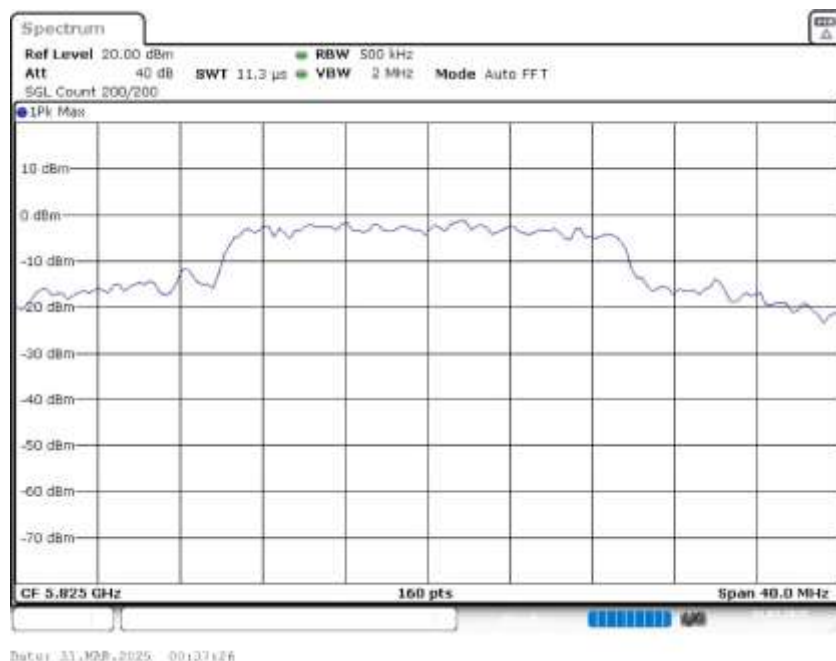
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5825.000000         | 33.000000       | ---             | ---             | 5807.625000          | 5840.625000           |

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5825.000000         | PASS   |

99 %Bandwidth



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.80500 GHz      | 5.80500 GHz    |
| Stop Frequency  | 5.84500 GHz      | 5.84500 GHz    |
| Span            | 40.000 MHz       | 40.000 MHz     |
| RBW             | 500.000 kHz      | >= 500.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 160              | ~ 160          |
| SweepTime       | 11.344 μs        | 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            |

## Tx Spurious Emission (5825 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5825.000000         | PASS   |

## Final measurements

| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

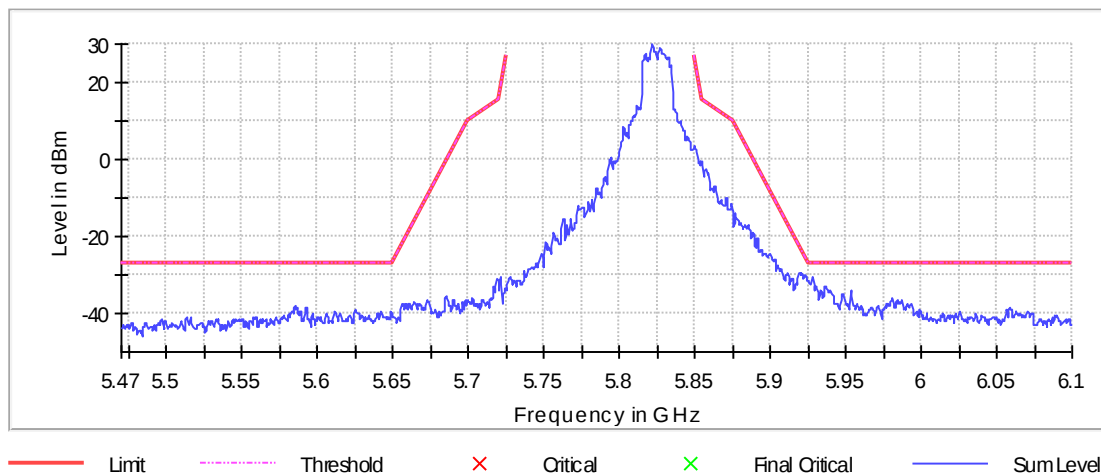
## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5927.750000     | -30.4       | 3.4         | -27.0       |
| 5928.250000     | -30.7       | 3.7         | -27.0       |
| 5923.750000     | -30.4       | 4.3         | -26.1       |
| 5925.250000     | -31.4       | 4.4         | -27.0       |
| 5923.250000     | -30.2       | 4.5         | -25.7       |
| 5924.750000     | -31.4       | 4.6         | -26.8       |
| 5924.250000     | -31.3       | 4.8         | -26.4       |
| 5925.750000     | -32.0       | 5.0         | -27.0       |
| 5922.750000     | -30.6       | 5.2         | -25.3       |
| 5927.250000     | -32.4       | 5.4         | -27.0       |
| 5926.250000     | -32.4       | 5.4         | -27.0       |
| 5928.750000     | -32.6       | 5.6         | -27.0       |
| 5926.750000     | -32.7       | 5.7         | -27.0       |
| 5930.750000     | -32.8       | 5.8         | -27.0       |
| 5921.750000     | -30.4       | 5.8         | -24.6       |

## Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 5470.000000           | 6100.000000          | 2               | 2                 |

Spurious



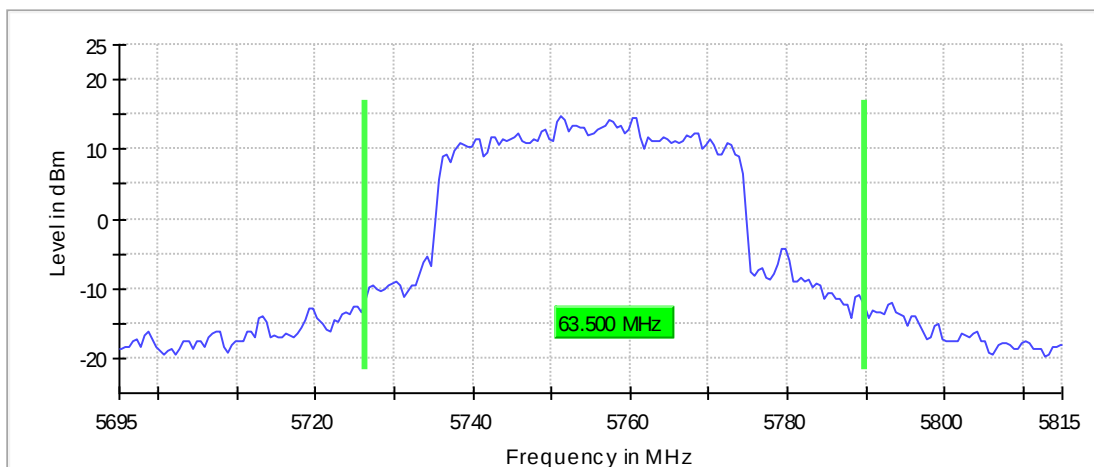
## Emission Bandwidth 26 dB (5755 MHz; 24.000 dBm; 40 MHz)

### 26 dB Bandwidth

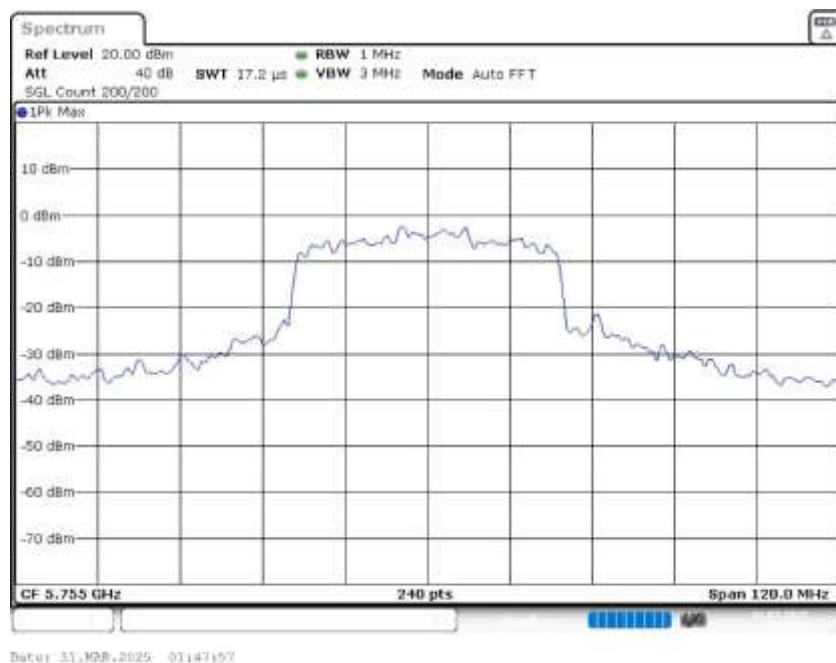
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5755.000000         | 63.500000       | ---             | ---             | 5726.250000          | 5789.750000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5755.000000         | 14.9            | PASS   |

26 dB Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 5.69500 GHz      | 5.69500 GHz      |
| Stop Frequency  | 5.81500 GHz      | 5.81500 GHz      |
| Span            | 120.000 MHz      | 120.000 MHz      |
| RBW             | 1.000 MHz        | $\geq 1.000$ MHz |
| VBW             | 3.000 MHz        | $\geq 3.000$ MHz |
| SweepPoints     | 240              | ~ 240            |
| SweepTime       | 17.156 $\mu$ 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              |

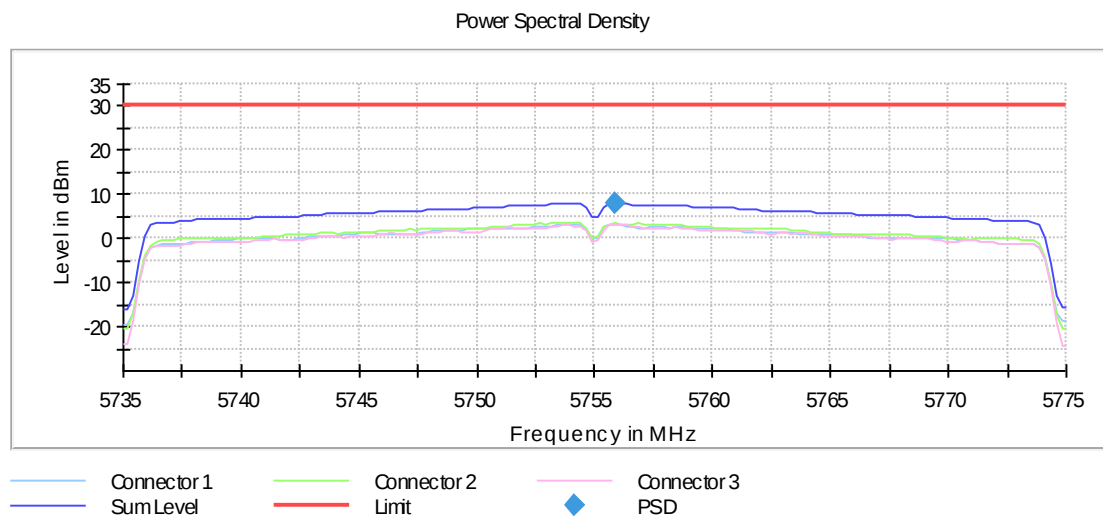
## Power Spectral Density (5755 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5755.000000         | 5755.875000     | 8.032     | 30.0            | PASS   |

## Ports

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

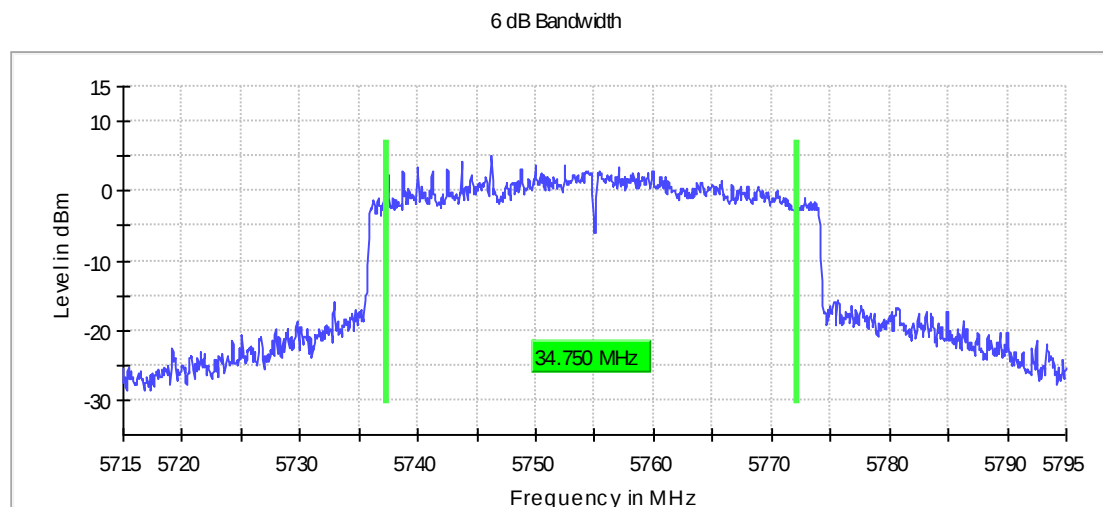


## Minimum Emission Bandwidth 6 dB (5755 MHz; 24.000 dBm; 40 MHz)

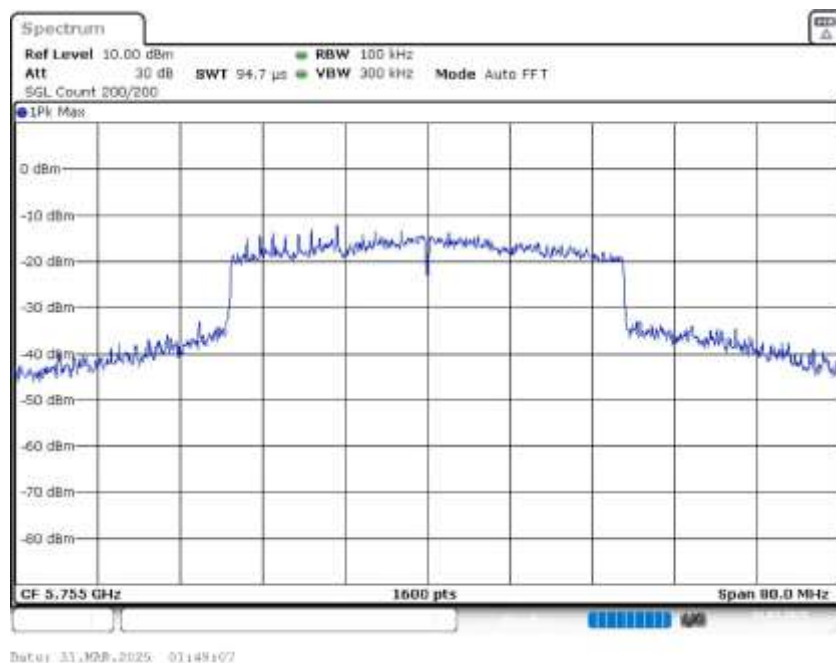
### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5755.000000         | 34.750000       | 0.500000        | ---             | 5737.375000          | 5772.125000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5755.000000         | 5.2             | PASS   |



Bandwidth



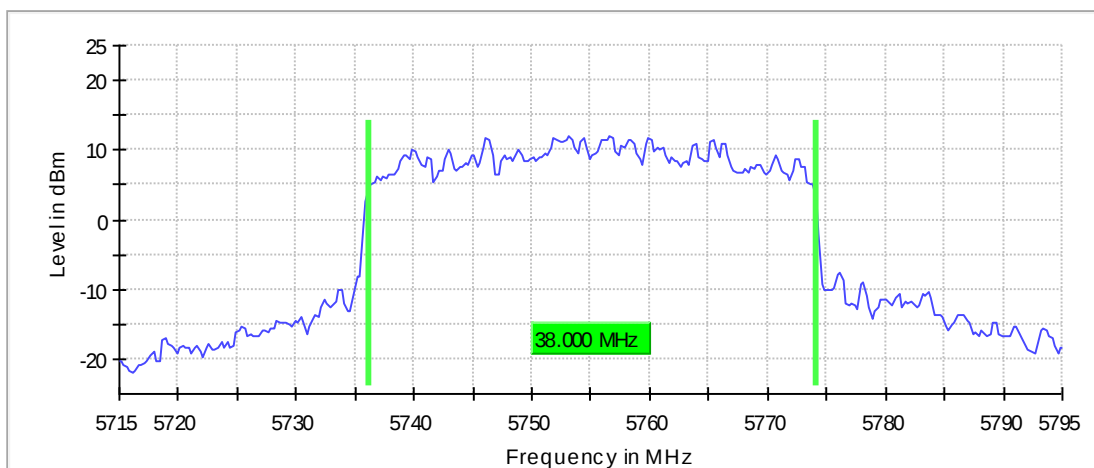
**Occupied Channel Bandwidth 99% (5755 MHz; 24.000 dBm; 40 MHz)**

### 99 % Bandwidth

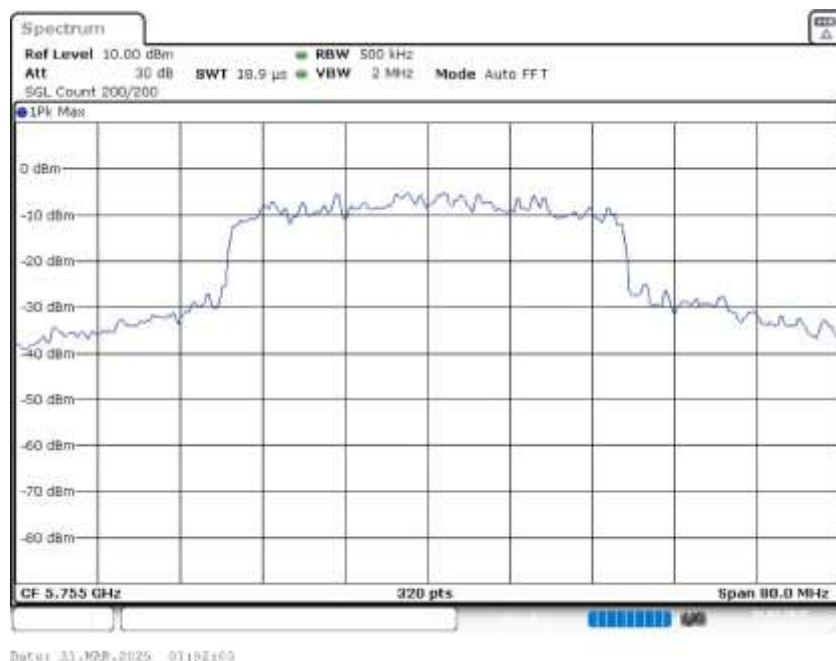
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5755.000000         | 38.000000       | ---             | ---             | 5736.125000          | 5774.125000           |

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5755.000000         | PASS   |

99 %Bandwidth



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 5.71500 GHz      | 5.71500 GHz    |
| Stop Frequency  | 5.79500 GHz      | 5.79500 GHz    |
| Span            | 80.000 MHz       | 80.000 MHz     |
| RBW             | 500.000 kHz      | >= 500.000 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            |

## Tx Spurious Emission (5755 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5755.000000         | PASS   |

## Final measurements

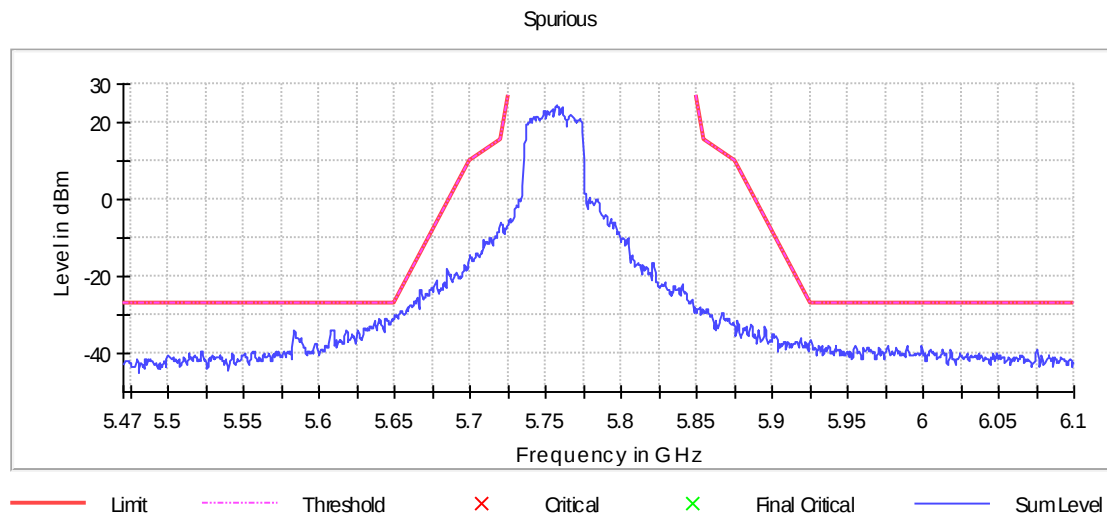
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5650.250000     | -30.0       | 3.2         | -26.8       |
| 5649.750000     | -30.3       | 3.3         | -27.0       |
| 5651.250000     | -29.8       | 3.7         | -26.1       |
| 5644.250000     | -30.8       | 3.8         | -27.0       |
| 5649.250000     | -30.9       | 3.9         | -27.0       |
| 5647.750000     | -31.1       | 4.1         | -27.0       |
| 5643.750000     | -31.1       | 4.1         | -27.0       |
| 5639.750000     | -31.2       | 4.2         | -27.0       |
| 5650.750000     | -30.6       | 4.2         | -26.4       |
| 5640.250000     | -31.3       | 4.3         | -27.0       |
| 5644.750000     | -31.4       | 4.4         | -27.0       |
| 5640.750000     | -31.5       | 4.5         | -27.0       |
| 5636.750000     | -31.5       | 4.5         | -27.0       |
| 5645.250000     | -31.5       | 4.5         | -27.0       |
| 5648.250000     | -31.6       | 4.6         | -27.0       |

## Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 5470.000000           | 6100.000000          | 2               | 2                 |



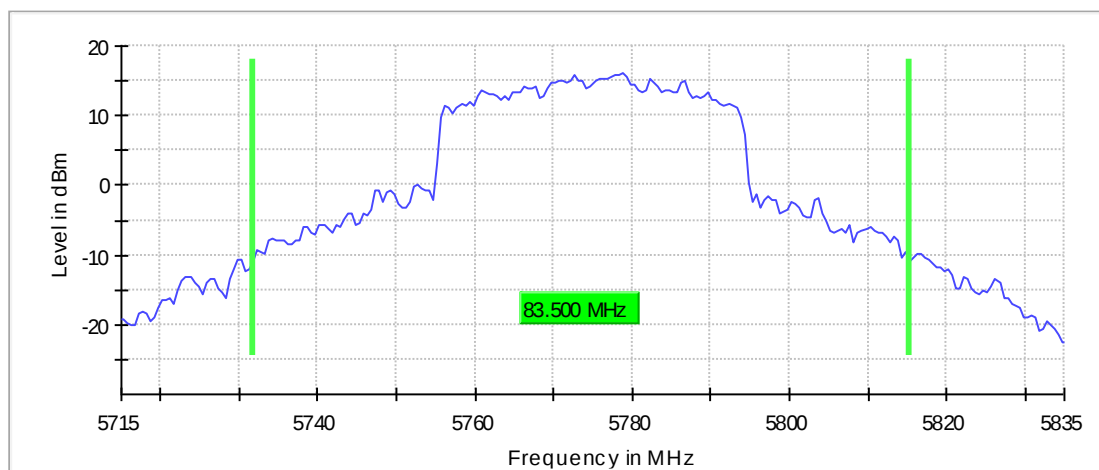
## Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 40 MHz)

### 26 dB Bandwidth

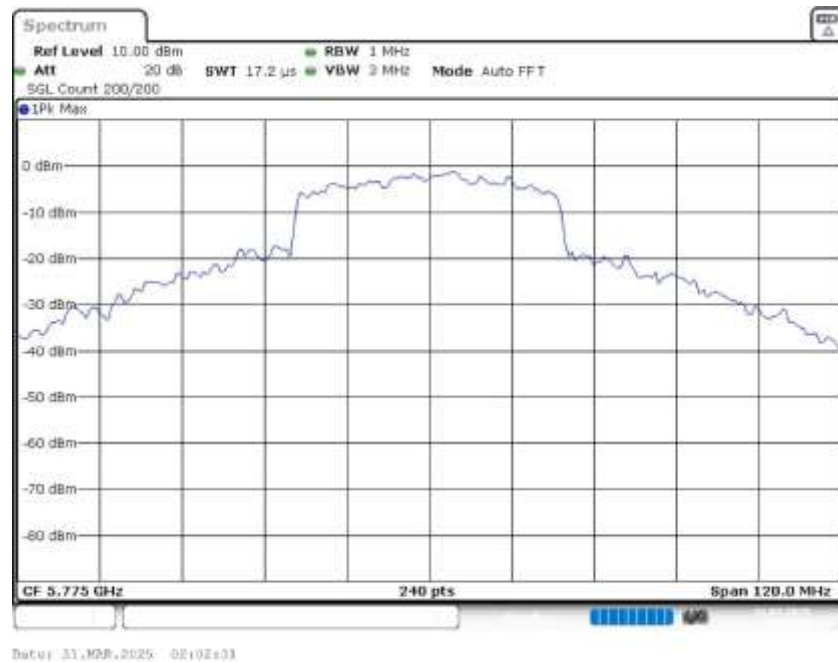
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 83.500000       | ---             | ---             | 5731.750000          | 5815.250000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5775.000000         | 16.1            | PASS   |

26 dB Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 5.71500 GHz      | 5.71500 GHz  |
| Stop Frequency  | 5.83500 GHz      | 5.83500 GHz  |
| Span            | 120.000 MHz      | 120.000 MHz  |
| RBW             | 1.000 MHz        | ~ 1.000 MHz  |
| VBW             | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints     | 240              | ~ 240        |
| SweepTime       | 17.156 $\mu$ s   | AUTO         |
| Reference Level | 10.000 dBm       | 10.000 dBm   |
| Attenuation     | 20.000 dB        | 0.000 dB     |
| Detector        | MaxPeak          | MaxPeak      |
| SweepCount      | 200              | 200          |
| Filter          | 3 dB             | 3 dB         |
| Trace Mode      | Max Hold         | Max Hold     |
| SweepType       | FFT              | AUTO         |
| Preamp          | off              | off          |

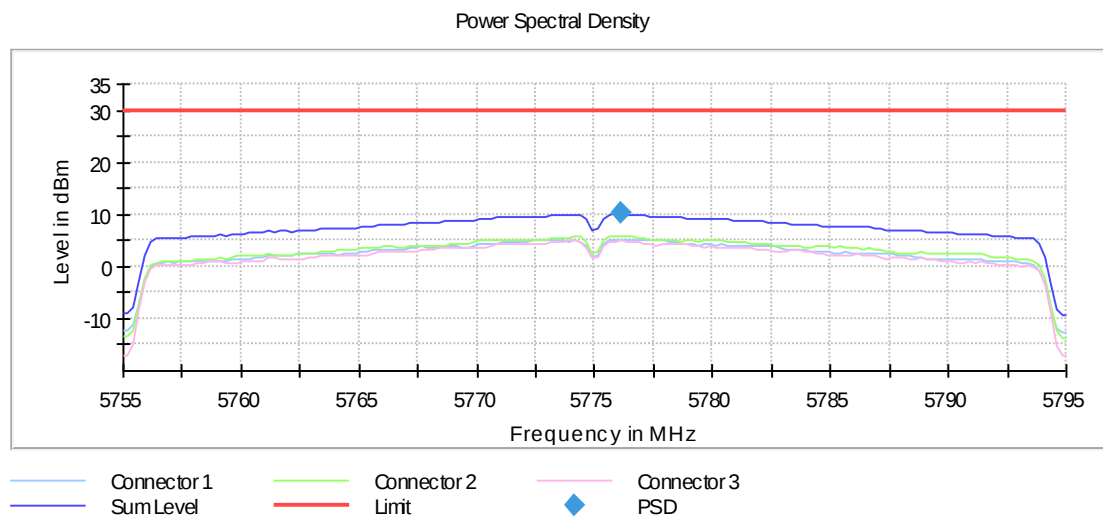
## Power Spectral Density (5775 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5775.000000         | 5776.125000     | 10.187    | 30.0            | PASS   |

## Ports

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

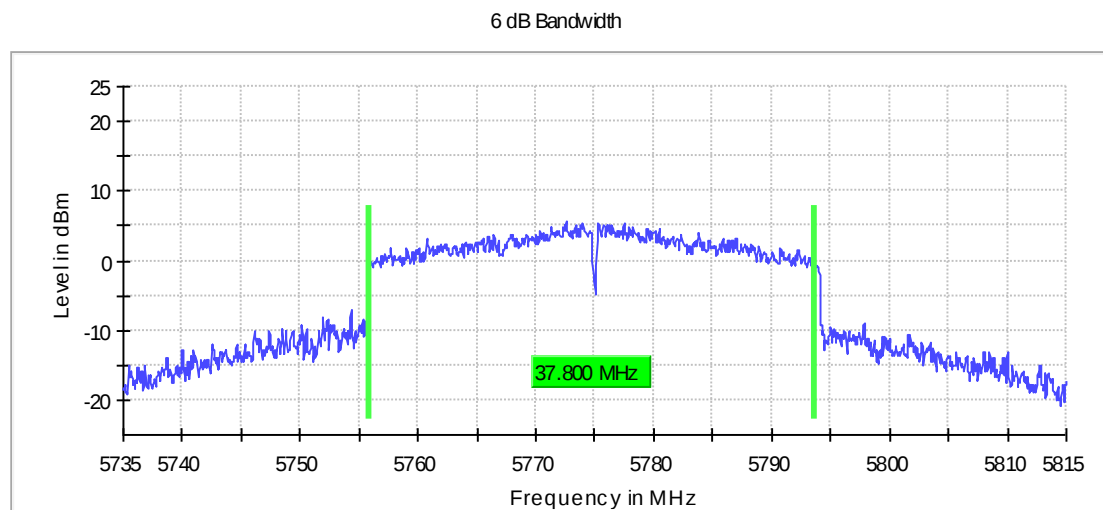


## Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 40 MHz)

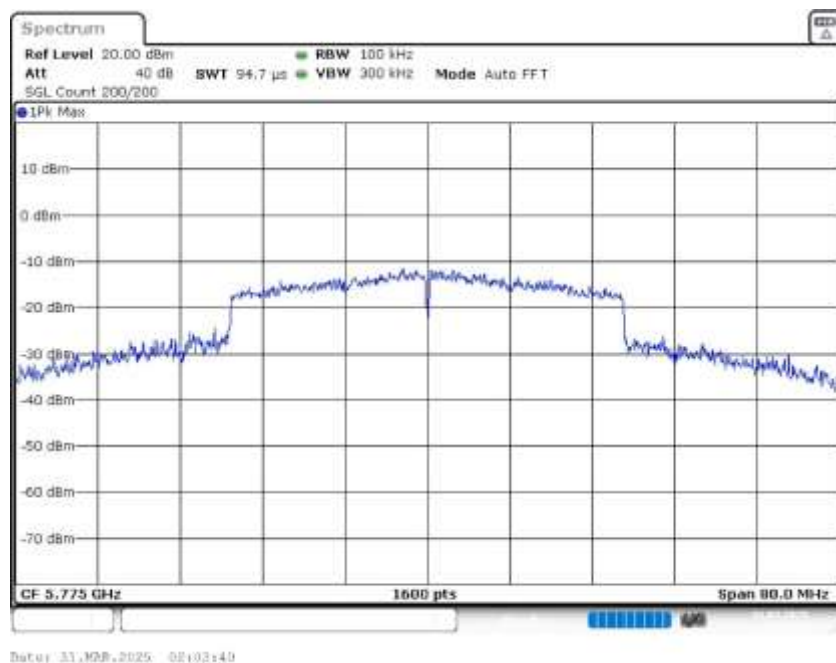
### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 37.800000       | 0.500000        | ---             | 5755.925000          | 5793.725000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5775.000000         | 5.8             | PASS   |



Bandwidth



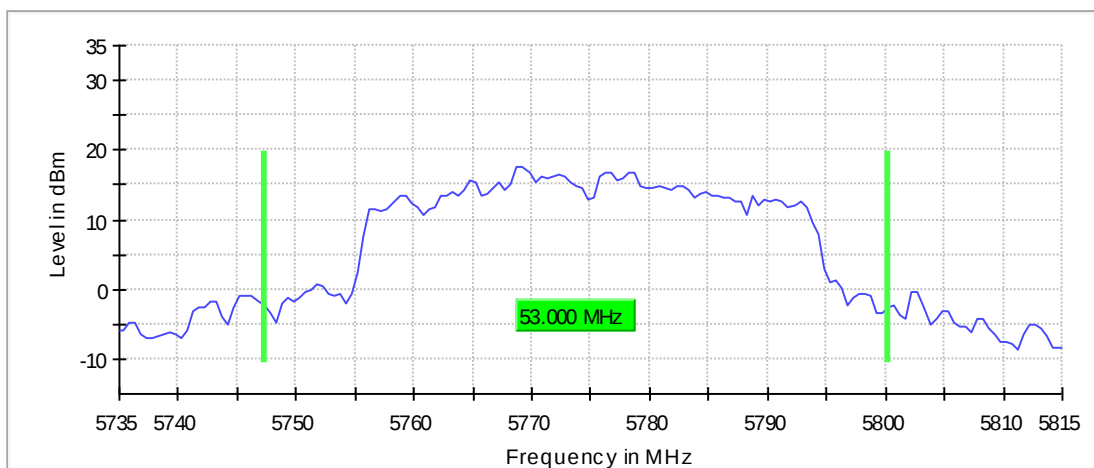
**Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 40 MHz)**

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 53.000000       | ---             | ---             | 5747.250000          | 5800.250000           |

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5775.000000         | PASS   |

99 %Bandwidth



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 5.73500 GHz      | 5.73500 GHz      |
| Stop Frequency  | 5.81500 GHz      | 5.81500 GHz      |
| Span            | 80.000 MHz       | 80.000 MHz       |
| RBW             | 1.000 MHz        | $\geq 1.000$ MHz |
| VBW             | 3.000 MHz        | $\geq 3.000$ MHz |
| SweepPoints     | 160              | $\sim 160$       |
| Sweptime        | 11.438 $\mu$ 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              |

## Tx Spurious Emission (5775 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5775.000000         | PASS   |

## Final measurements

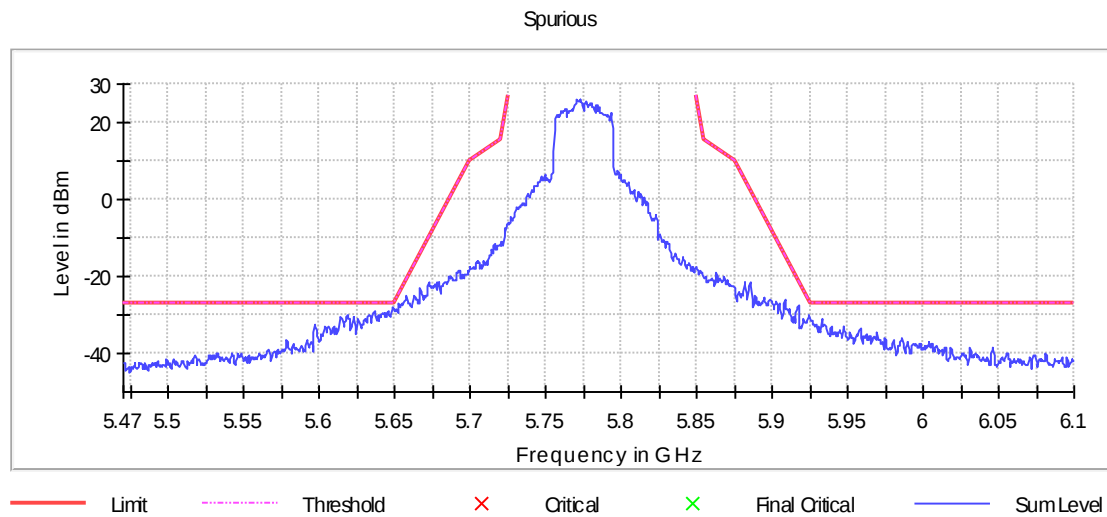
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5648.250000     | -28.1       | 1.1         | -27.0       |
| 5648.750000     | -28.2       | 1.2         | -27.0       |
| 5649.250000     | -28.4       | 1.4         | -27.0       |
| 5649.750000     | -28.5       | 1.5         | -27.0       |
| 5647.750000     | -28.6       | 1.6         | -27.0       |
| 5636.250000     | -28.8       | 1.8         | -27.0       |
| 5645.250000     | -28.9       | 1.9         | -27.0       |
| 5650.250000     | -28.8       | 2.0         | -26.8       |
| 5652.750000     | -27.0       | 2.0         | -25.0       |
| 5636.750000     | -29.2       | 2.2         | -27.0       |
| 5644.750000     | -29.3       | 2.3         | -27.0       |
| 5635.750000     | -29.4       | 2.4         | -27.0       |
| 5652.250000     | -27.7       | 2.4         | -25.3       |
| 5651.250000     | -28.5       | 2.4         | -26.1       |
| 5650.750000     | -28.8       | 2.4         | -26.4       |

## Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 5470.000000           | 6100.000000          | 2               | 2                 |



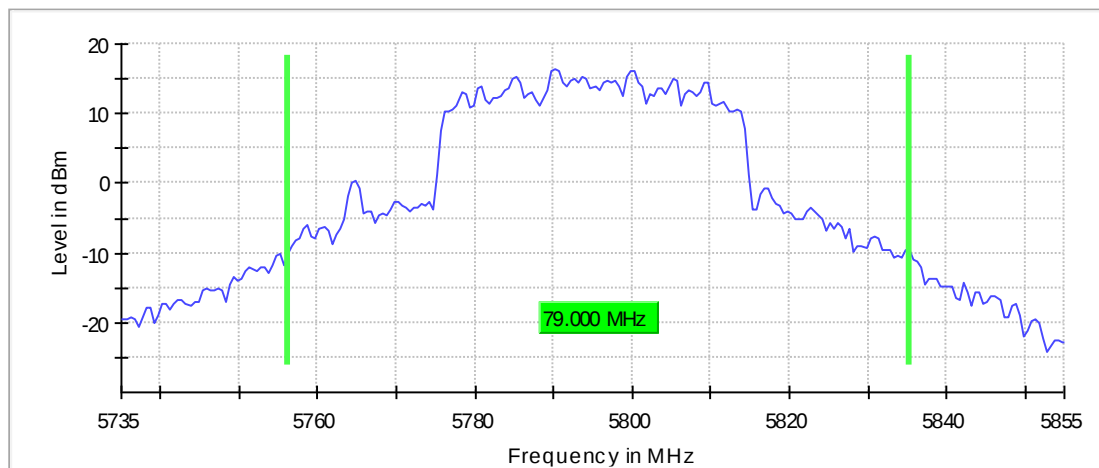
## Emission Bandwidth 26 dB (5795 MHz; 24.000 dBm; 40 MHz)

### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5795.000000         | 79.000000       | ---             | ---             | 5756.250000          | 5835.250000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5795.000000         | 16.5            | PASS   |

26 dB Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 5.73500 GHz      | 5.73500 GHz  |
| Stop Frequency  | 5.85500 GHz      | 5.85500 GHz  |
| Span            | 120.000 MHz      | 120.000 MHz  |
| RBW             | 1.000 MHz        | ~ 1.000 MHz  |
| VBW             | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints     | 240              | ~ 240        |
| Sweptime        | 17.156 μs        | AUTO         |
| Reference Level | 10.000 dBm       | 10.000 dBm   |
| Attenuation     | 20.000 dB        | 0.000 dB     |
| Detector        | MaxPeak          | MaxPeak      |
| SweepCount      | 200              | 200          |
| Filter          | 3 dB             | 3 dB         |
| Trace Mode      | Max Hold         | Max Hold     |
| SweepType       | FFT              | AUTO         |
| Preamp          | off              | off          |

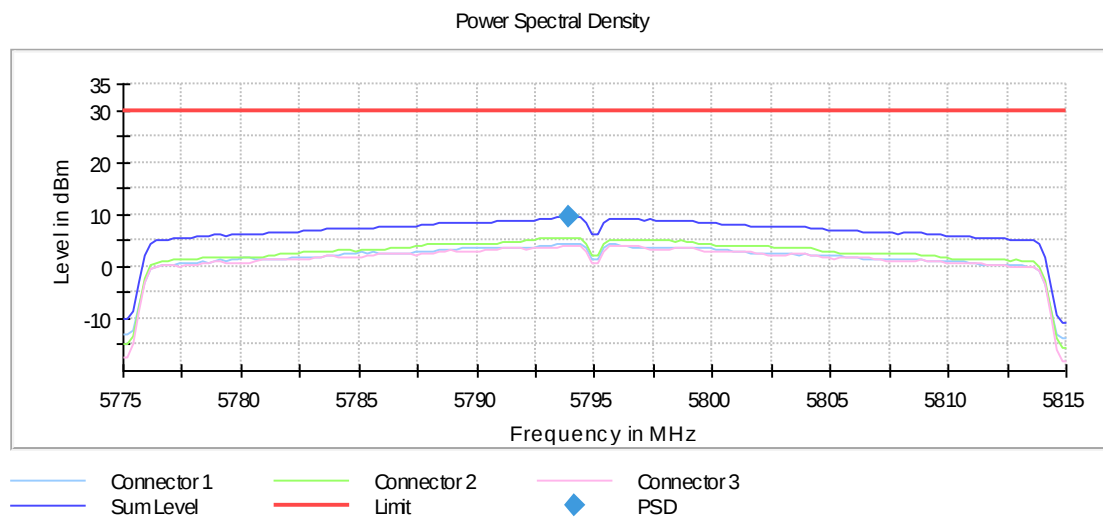
## Power Spectral Density (5795 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5795.000000         | 5793.875000     | 9.481     | 30.0            | PASS   |

## Ports

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

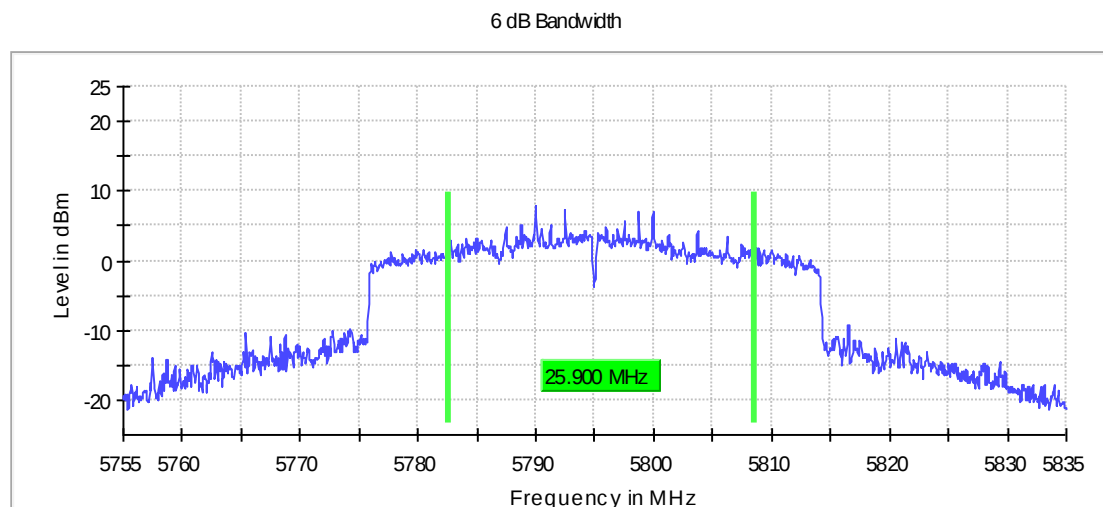


## Minimum Emission Bandwidth 6 dB (5795 MHz; 24.000 dBm; 40 MHz)

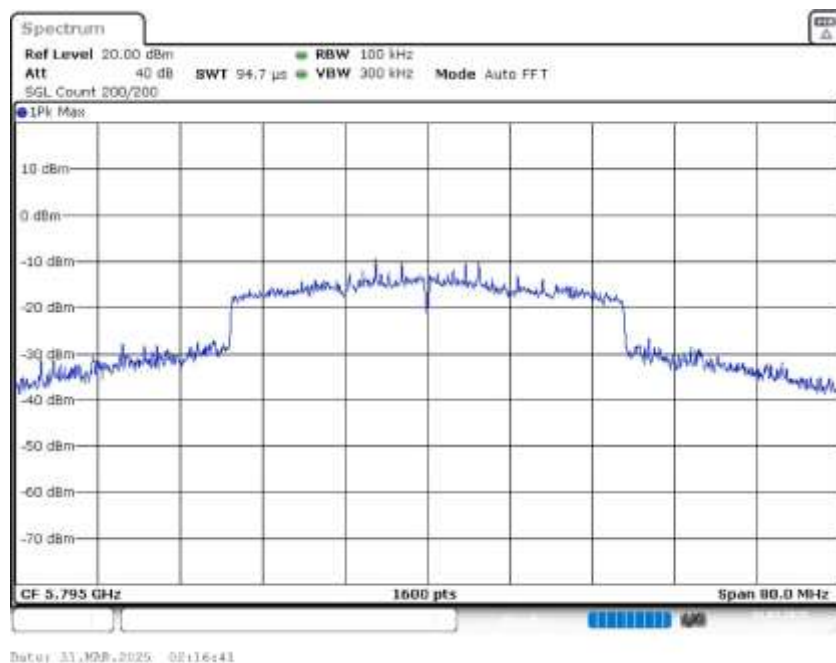
### 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5795.000000         | 25.900000       | 0.500000        | ---             | 5782.675000          | 5808.575000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5795.000000         | 7.9             | PASS   |



Bandwidth



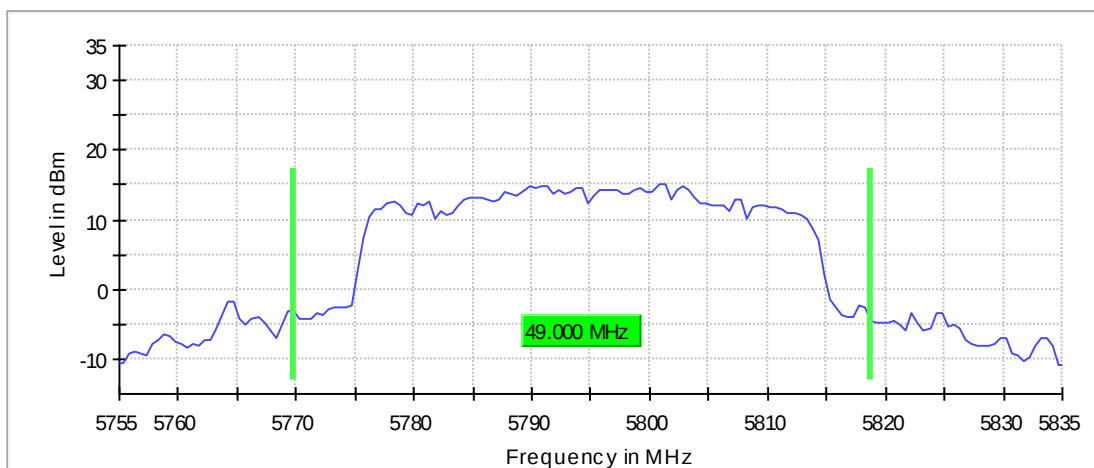
**Occupied Channel Bandwidth 99% (5795 MHz; 24.000 dBm; 40 MHz)**

### 99 % Bandwidth

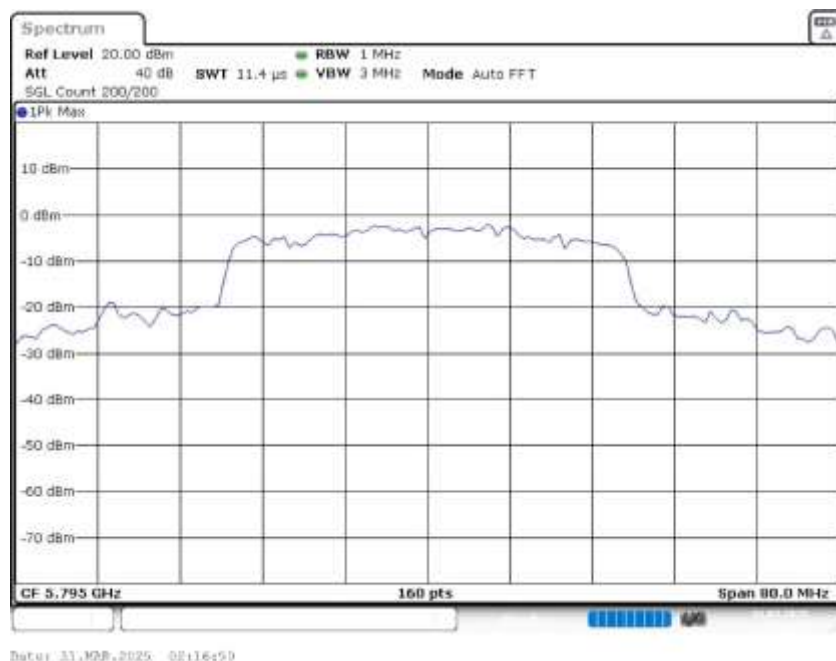
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5795.000000         | 49.000000       | ---             | ---             | 5769.750000          | 5818.750000           |

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5795.000000         | PASS   |

99 %Bandwidth



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 5.75500 GHz      | 5.75500 GHz      |
| Stop Frequency  | 5.83500 GHz      | 5.83500 GHz      |
| Span            | 80.000 MHz       | 80.000 MHz       |
| RBW             | 1.000 MHz        | $\geq 1.000$ MHz |
| VBW             | 3.000 MHz        | $\geq 3.000$ MHz |
| SweepPoints     | 160              | ~ 160            |
| SweepTime       | 11.438 $\mu$ 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              |

## Tx Spurious Emission (5795 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5795.000000         | PASS   |

## Final measurements

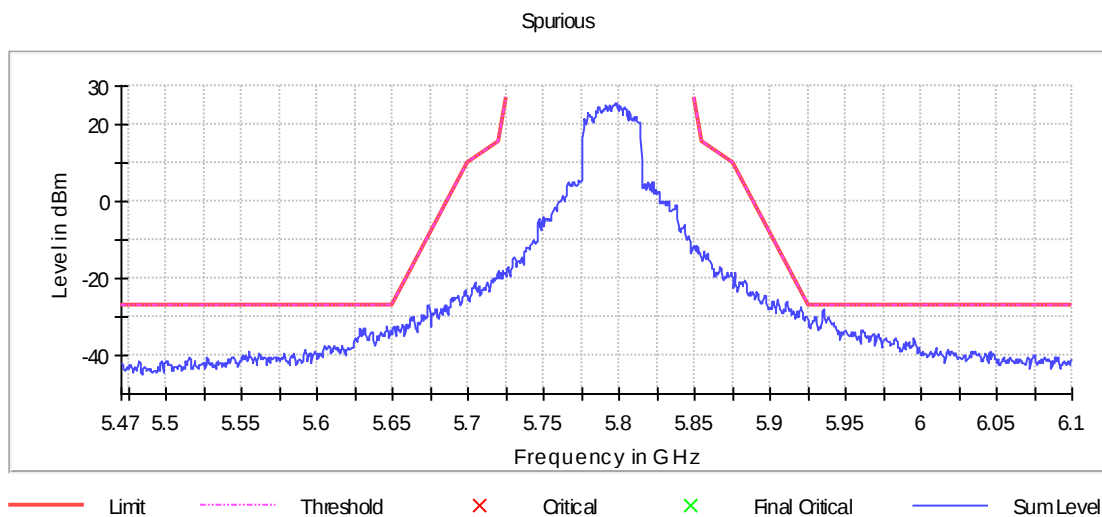
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5935.250000     | -27.9       | 0.9         | -27.0       |
| 5935.750000     | -28.3       | 1.3         | -27.0       |
| 5934.750000     | -28.5       | 1.5         | -27.0       |
| 5938.250000     | -29.8       | 2.8         | -27.0       |
| 5938.750000     | -29.8       | 2.8         | -27.0       |
| 5936.250000     | -29.8       | 2.8         | -27.0       |
| 5929.750000     | -29.9       | 2.9         | -27.0       |
| 5930.250000     | -29.9       | 2.9         | -27.0       |
| 5924.250000     | -29.8       | 3.4         | -26.4       |
| 5924.750000     | -30.2       | 3.4         | -26.8       |
| 5930.750000     | -30.4       | 3.4         | -27.0       |
| 5929.250000     | -30.4       | 3.4         | -27.0       |
| 5937.750000     | -30.7       | 3.7         | -27.0       |
| 5923.750000     | -29.9       | 3.8         | -26.1       |
| 5928.750000     | -30.8       | 3.8         | -27.0       |

## Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 5470.000000           | 6100.000000          | 2               | 2                 |



## Emission Bandwidth 26 dB (5775 MHz; 24.000 dBm; 80 MHz)

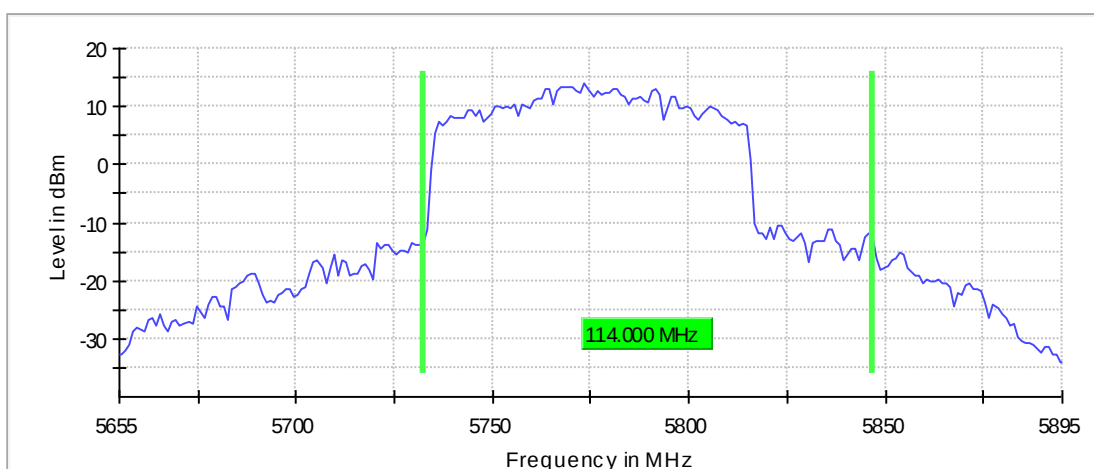
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 114.000000      | ---             | ---             | 5732.500000          | 5846.500000           |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5775.000000         | 14.1            | PASS   |

26 dB Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 5.65500 GHz      | 5.65500 GHz  |

|                 |                |              |
|-----------------|----------------|--------------|
| Stop Frequency  | 5.89500 GHz    | 5.89500 GHz  |
| Span            | 240.000 MHz    | 240.000 MHz  |
| RBW             | 2.000 MHz      | ~ 2.000 MHz  |
| VBW             | 10.000 MHz     | >= 6.000 MHz |
| SweepPoints     | 240            | ~ 240        |
| SweepTime       | 24.375 $\mu$ s | AUTO         |
| Reference Level | 10.000 dBm     | 10.000 dBm   |
| Attenuation     | 20.000 dB      | 0.000 dB     |
| Detector        | MaxPeak        | MaxPeak      |
| SweepCount      | 200            | 200          |
| Filter          | 3 dB           | 3 dB         |
| Trace Mode      | Max Hold       | Max Hold     |
| SweepType       | FFT            | AUTO         |
| Preamp          | off            | off          |

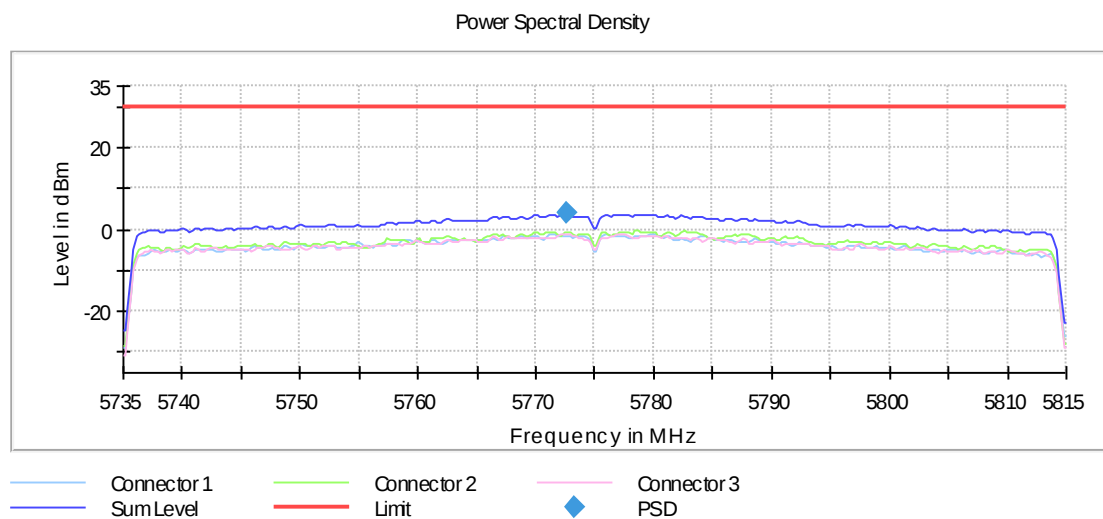
## Power Spectral Density (5775 MHz; 24.000 dBm; 80 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5775.000000         | 5772.625000     | 3.813     | 30.0            | PASS   |

### Ports

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



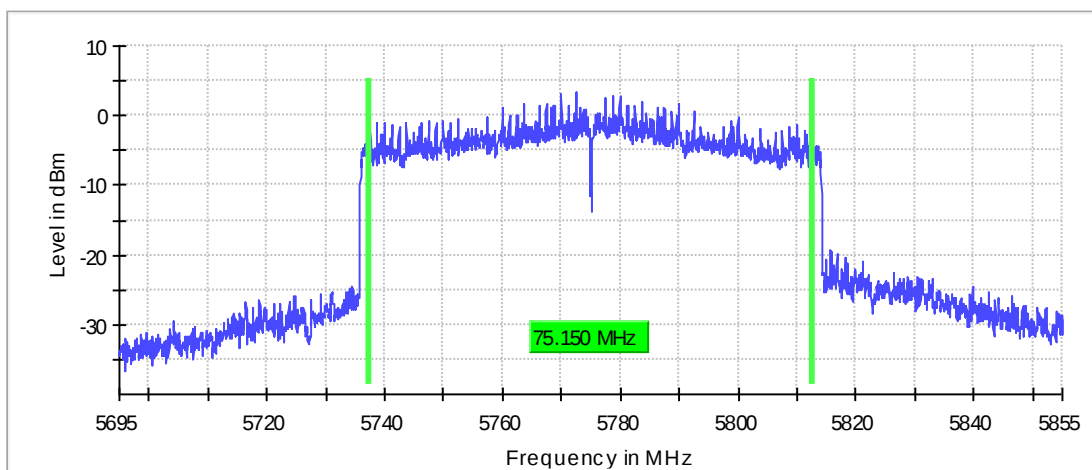
## Minimum Emission Bandwidth 6 dB (5775 MHz; 24.000 dBm; 80 MHz)

### 6 dB Bandwidth

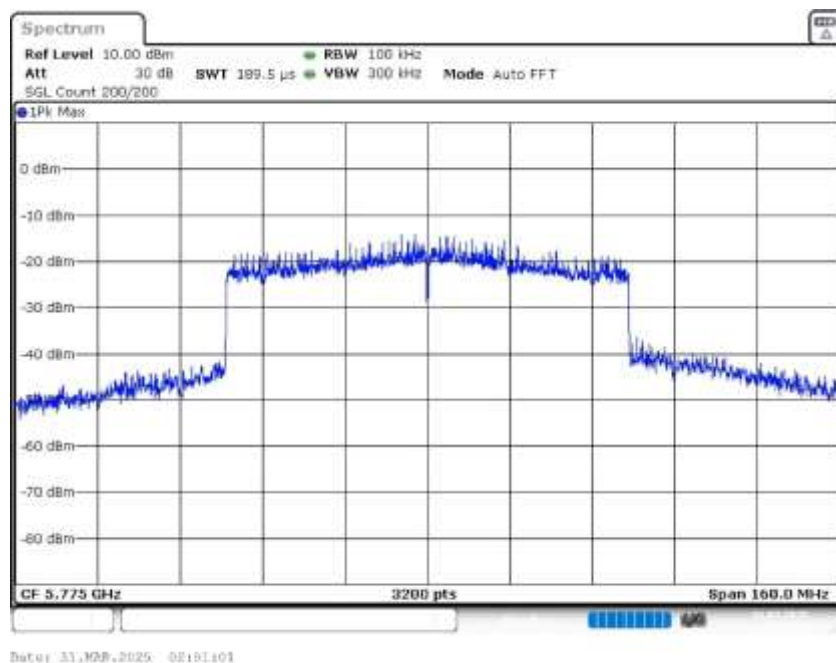
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 75.150000       | 0.500000        | ---             | 5737.425000          | 5812.575000           |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5775.000000         | 3.3             | PASS   |

6 dB Bandwidth



Bandwidth



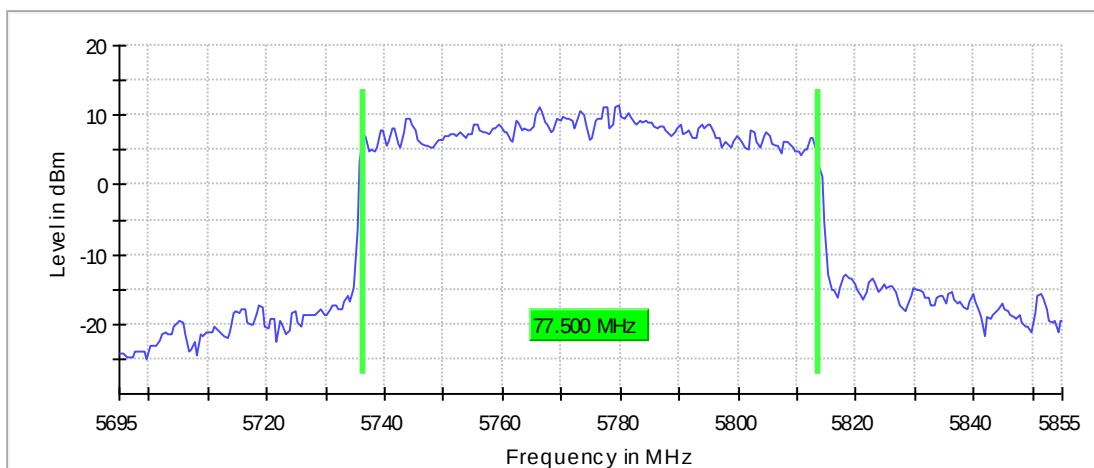
**Occupied Channel Bandwidth 99% (5775 MHz; 24.000 dBm; 80 MHz)**

### 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5775.000000         | 77.500000       | ---             | ---             | 5736.250000          | 5813.750000           |

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5775.000000         | PASS   |

99 %Bandwidth



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 5.69500 GHz      | 5.69500 GHz  |
| Stop Frequency  | 5.85500 GHz      | 5.85500 GHz  |
| Span            | 160.000 MHz      | 160.000 MHz  |
| RBW             | 1.000 MHz        | >= 1.000 MHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints     | 320              | ~ 320        |
| SweepTime       | 22.875 μs        | 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          |

## Tx Spurious Emission (5775 MHz; 24.000 dBm; 80 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5775.000000         | PASS   |

## Final measurements

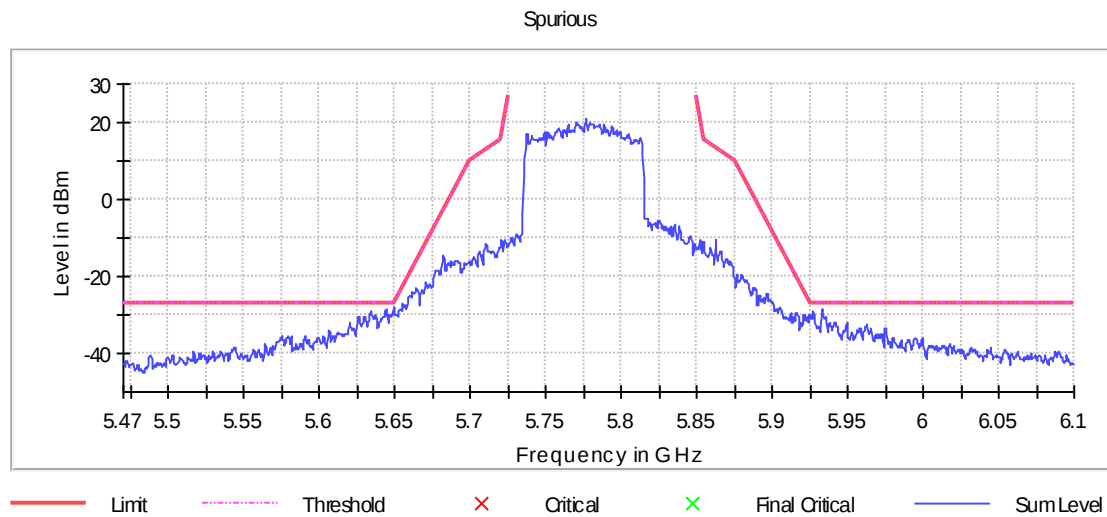
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5649.250000     | -27.9       | 0.9         | -27.0       |
| 5649.750000     | -28.0       | 1.0         | -27.0       |
| 5644.250000     | -28.7       | 1.7         | -27.0       |
| 5933.250000     | -28.7       | 1.7         | -27.0       |
| 5643.750000     | -28.9       | 1.9         | -27.0       |
| 5932.750000     | -29.0       | 2.0         | -27.0       |
| 5633.750000     | -29.1       | 2.1         | -27.0       |
| 5927.250000     | -29.1       | 2.1         | -27.0       |
| 5634.250000     | -29.2       | 2.2         | -27.0       |
| 5648.750000     | -29.4       | 2.4         | -27.0       |
| 5933.750000     | -29.4       | 2.4         | -27.0       |
| 5643.250000     | -29.5       | 2.5         | -27.0       |
| 5926.750000     | -29.6       | 2.6         | -27.0       |
| 5634.750000     | -29.8       | 2.8         | -27.0       |
| 5646.750000     | -29.8       | 2.8         | -27.0       |

## Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 5470.000000           | 6100.000000          | 2               | 2                 |



**-- End of Report--**