**427 West 12800 South**
**Draper, UT 84020**

# Test Report Attachment

| | |
|---|---|
| **FCC ID** | SWX-WAVEAPG2 |
| **ISED ID** | 6545A-WAVEAPG2 |
| **Equipment Under Test** | Wave-AP-Gen2 |
| **Test Report Serial Number** | TR9928_01 |
| **Date of Tests** | 19 February; 1 April 2025 |
| **Report Issue Date** | 15 April 2025 |

## Test Personnel

| | |
|---|---|
| **Testing performed by** | 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 UNII-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

### 1.1.1 Internal Antenna

**Summary**

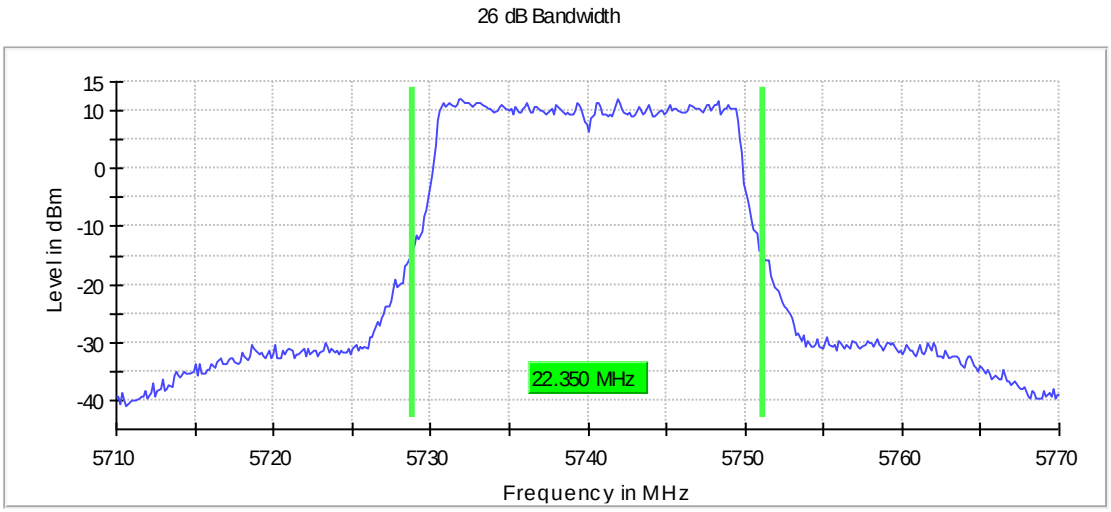
| Test | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|---|---|---|---|---|
| Emission Bandwidth 26 dB | 5740.000 | 24.0 | 20.000000 | PASS |
| RF output power | 5740.000 | 24.0 | 20.000000 | PASS |
| Power Spectral Density | 5740.000 | 24.0 | 20.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5740.000 | 24.0 | 20.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5740.000 | 24.0 | 20.000000 | PASS |
| Tx Spurious Emission | 5740.000 | 24.0 | 20.000000 | PASS |
| Emission Bandwidth 26 dB | 5790.000 | 24.0 | 20.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5790.000 | 24.0 | 20.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5790.000 | 24.0 | 20.000000 | PASS |
| Tx Spurious Emission | 5790.000 | 24.0 | 20.000000 | PASS |
| Emission Bandwidth 26 dB | 5835.000 | 24.0 | 20.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5835.000 | 24.0 | 20.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5835.000 | 24.0 | 20.000000 | PASS |
| Tx Spurious Emission | 5835.000 | 24.0 | 20.000000 | PASS |
| Emission Bandwidth 26 dB | 5750.000 | 24.0 | 40.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5750.000 | 24.0 | 40.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5750.000 | 24.0 | 40.000000 | PASS |
| Tx Spurious Emission | 5750.000 | 24.0 | 40.000000 | PASS |
| Emission Bandwidth 26 dB | 5790.000 | 24.0 | 40.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5790.000 | 24.0 | 40.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5790.000 | 24.0 | 40.000000 | PASS |
| Tx Spurious Emission | 5790.000 | 24.0 | 40.000000 | PASS |
| Emission Bandwidth 26 dB | 5825.000 | 24.0 | 40.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5825.000 | 24.0 | 40.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5825.000 | 24.0 | 40.000000 | PASS |
| Tx Spurious Emission | 5825.000 | 24.0 | 40.000000 | PASS |
| Emission Bandwidth 26 dB | 5770.000 | 24.0 | 80.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5770.000 | 24.0 | 80.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5770.000 | 24.0 | 80.000000 | PASS |
| Tx Spurious Emission | 5770.000 | 24.0 | 80.000000 | PASS |
| Emission Bandwidth 26 dB | 5790.000 | 24.0 | 80.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5790.000 | 24.0 | 80.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5790.000 | 24.0 | 80.000000 | PASS |
| Tx Spurious Emission | 5790.000 | 24.0 | 80.000000 | PASS |
| Emission Bandwidth 26 dB | 5805.000 | 24.0 | 80.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5805.000 | 24.0 | 80.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5805.000 | 24.0 | 80.000000 | PASS |
| Tx Spurious Emission | 5805.000 | 24.0 | 80.000000 | PASS |

# Emission Bandwidth 26 dB (5740 MHz; 24.000 dBm; 20 MHz)

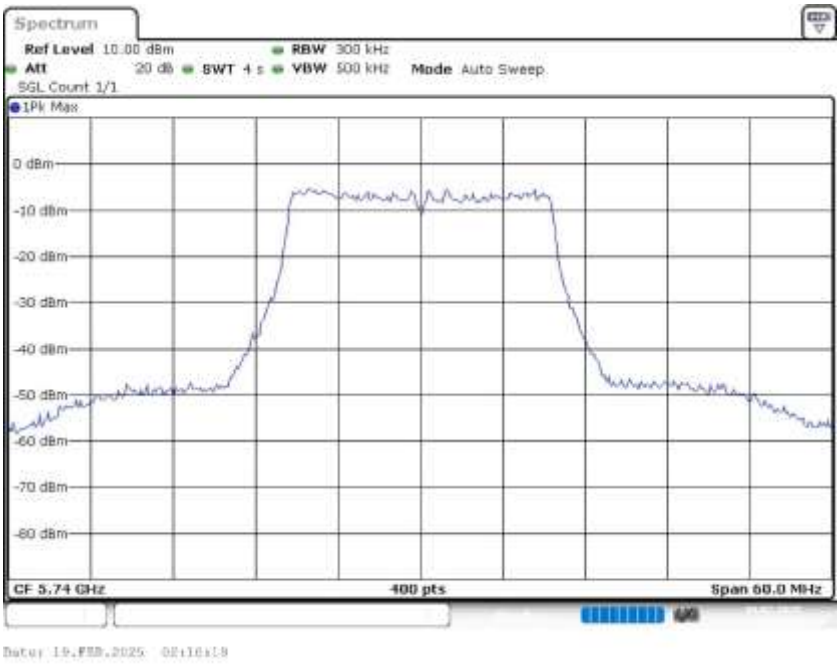
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5740.000000 | 22.350000 | --- | --- | 5728.825000 | 5751.175000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5740.000000 | 12.0 | PASS |




Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.71000 GHz | 5.71000 GHz |
| Stop Frequency | 5.77000 GHz | 5.77000 GHz |
| Span | 60.000 MHz | 60.000 MHz |
| RBW | 300.000 kHz | ~ 400.000 kHz |
| VBW | 500.000 kHz | >= 360.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## RF output power (5740 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---|---|---|---|---|---|
| 5740.000000 | 22.7 | 30.0 | 22.7 | 85.945 | PASS |

## OSP PowerMeter settings

| Setting | Instrument Value | Target Value |
|---|---|---|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 µs | 1.000 µs |

# Power Spectral Density (5740 MHz; 24.000 dBm; 20 MHz)

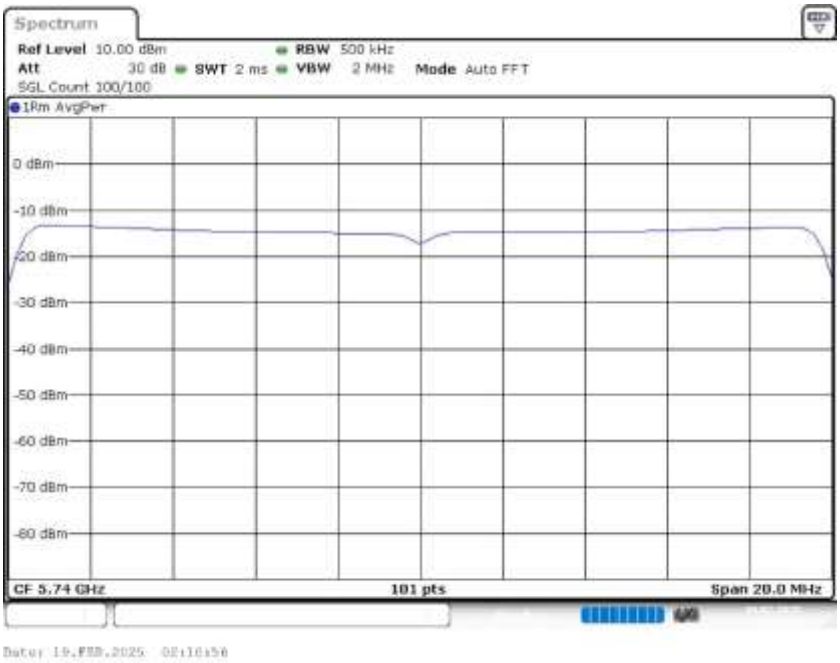
## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5740.000000 | 5731.089109 | 6.856 | 30.0 | PASS |

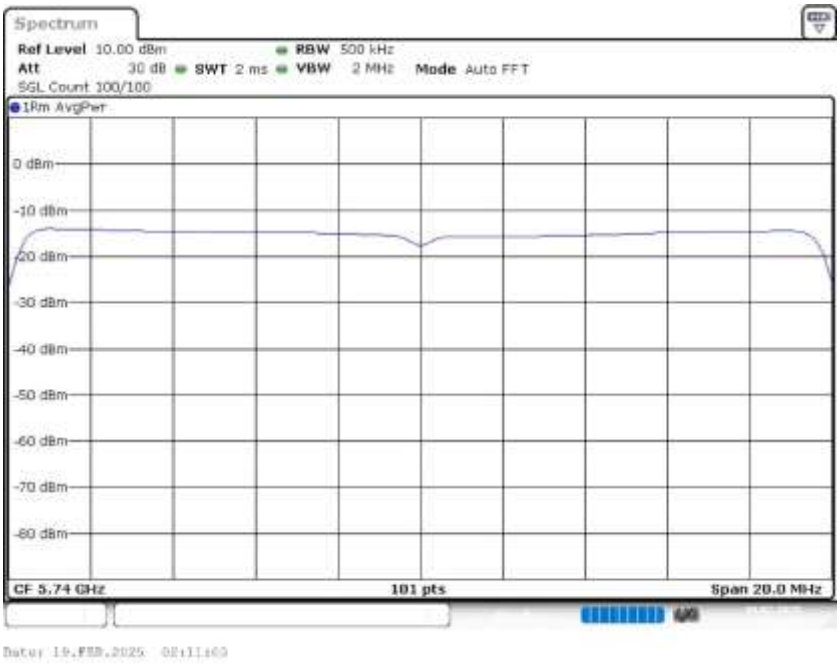
## Ports

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

PSD Connector 1




PSD Connector 2




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.73000 GHz | 5.73000 GHz |
| Stop Frequency | 5.75000 GHz | 5.75000 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 | 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 |

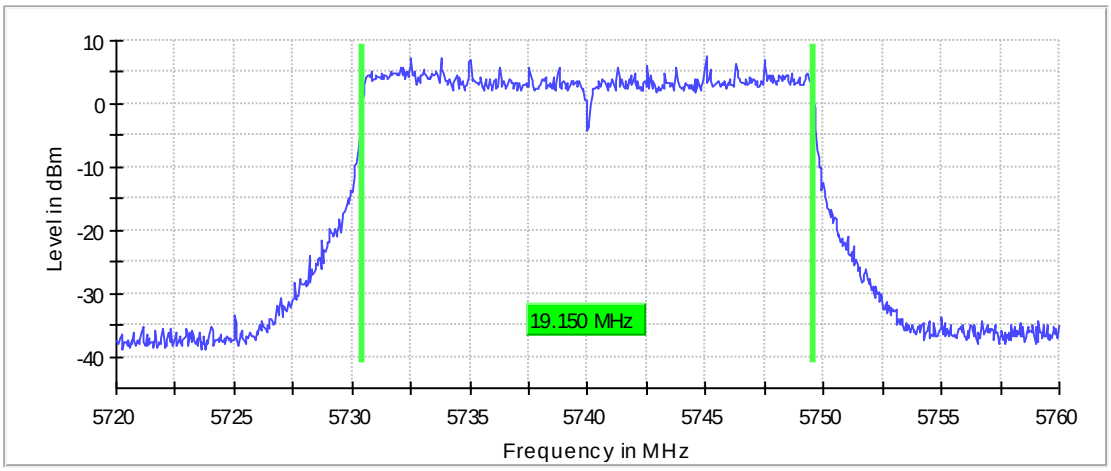
## Minimum Emission Bandwidth 6 dB (5740 MHz; 24.000 dBm; 20 MHz)

## 6 dB Bandwidth

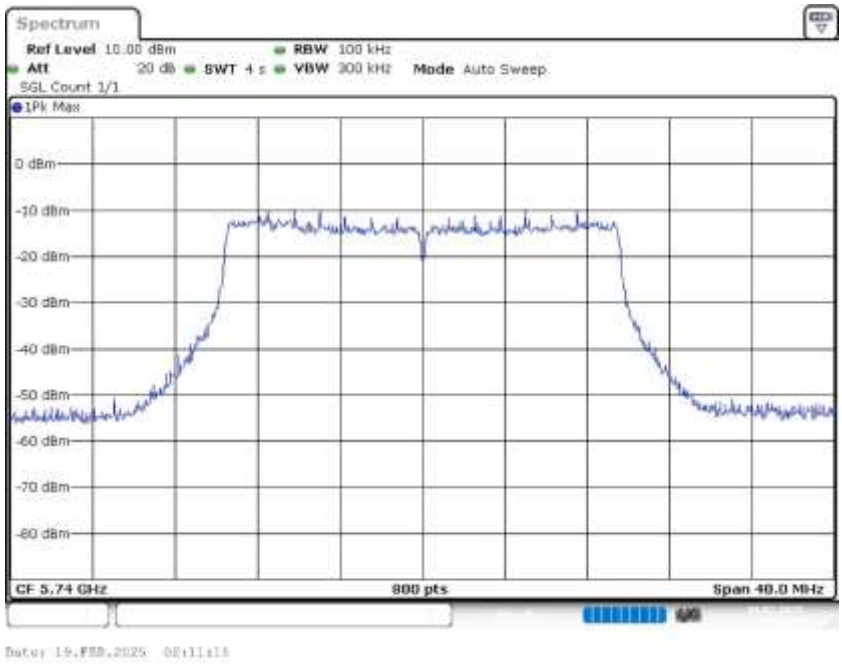
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5740.000000 | 19.150000 | 0.500000 | --- | 5730.425000 | 5749.575000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5740.000000 | 7.4 | PASS |

6 dB Bandwidth




Bandwidth




# Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.72000 GHz | 5.72000 GHz |
| Stop Frequency | 5.76000 GHz | 5.76000 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 | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |

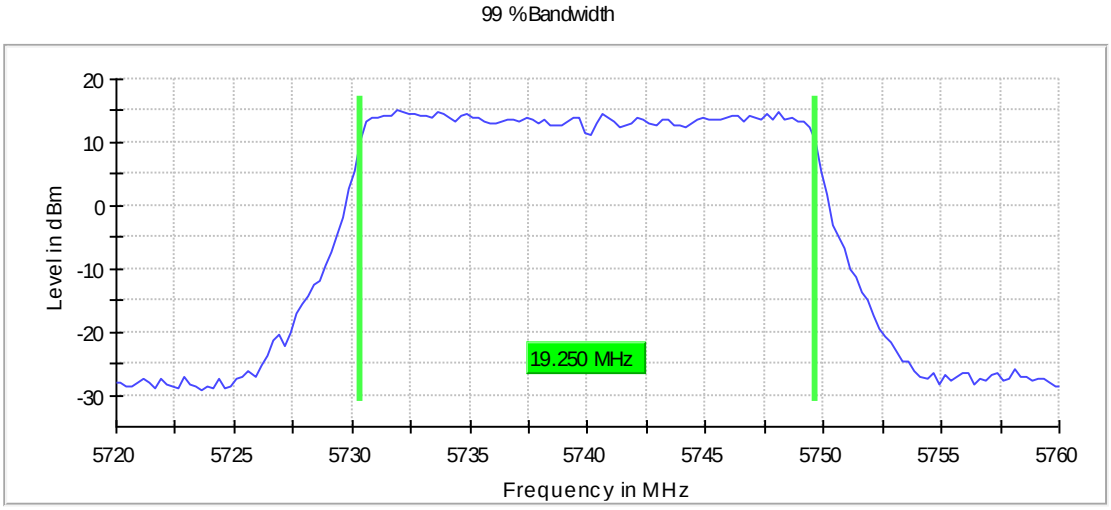
| | | |
|---|---|---|
| **Attenuation** | **20.000 dB** | **20.000 dB** |
| **Detector** | **MaxPeak** | **MaxPeak** |
| **SweepCount** | **1** | **1** |
| **Filter** | **3 dB** | **3 dB** |
| **Trace Mode** | **Max Hold** | **Max Hold** |
| **Sweeptype** | **Sweep** | **AUTO** |
| **Preamp** | **off** | **off** |

## Occupied Channel Bandwidth 99% (5740 MHz; 24.000 dBm; 20 MHz)

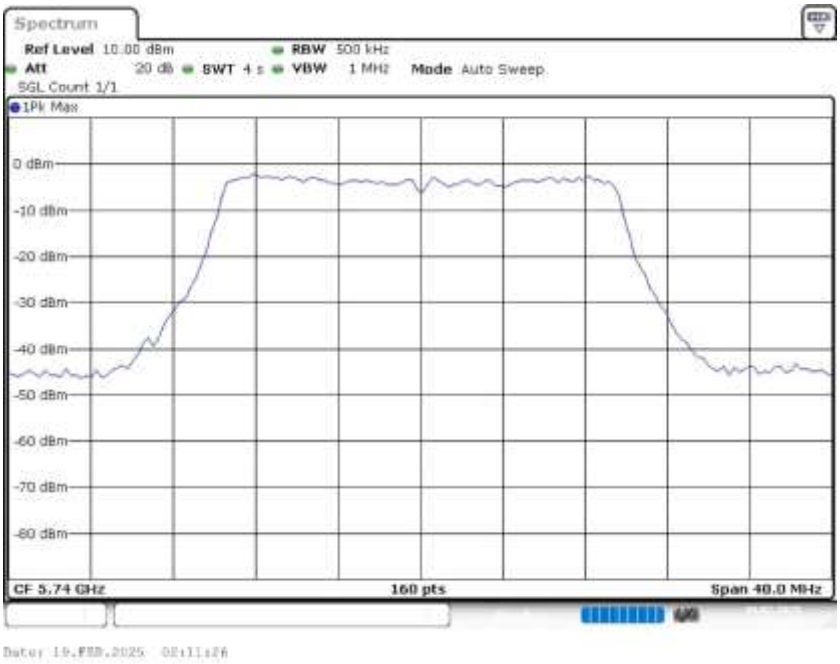
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| **5740.000000** | **19.250000** | **---** | **---** | **5730.375000** | **5749.625000** |

| DUT Frequency (MHz) | Result |
|---|---|
| **5740.000000** | **PASS** |




Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.72000 GHz | 5.72000 GHz |
| Stop Frequency | 5.76000 GHz | 5.76000 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | >= 500.000 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 160 | ~ 160 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

# Tx Spurious Emission (5740 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5740.000000 | PASS |

## Final measurements

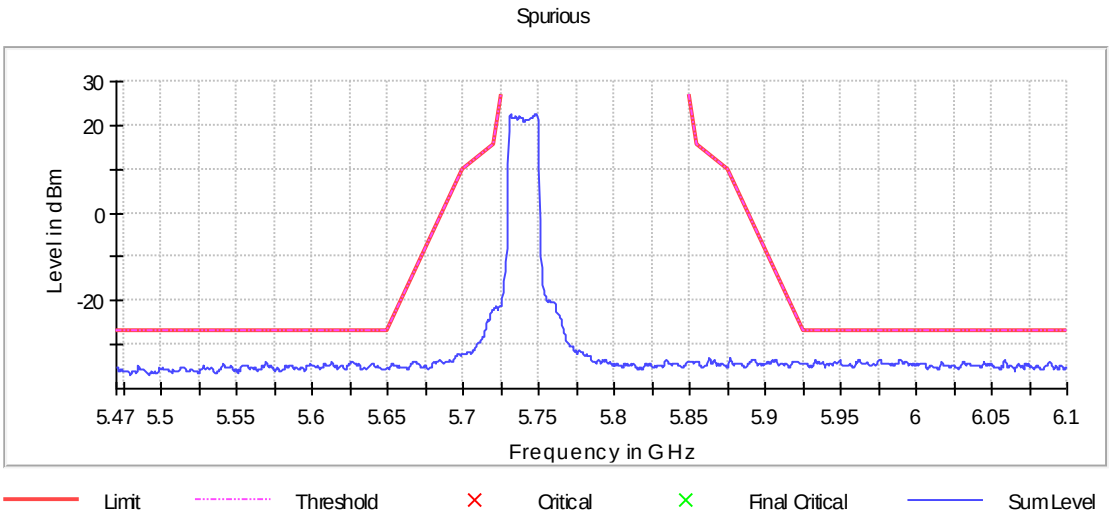
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5975.750000 | -33.4 | 6.4 | -27.0 |
| 5988.750000 | -33.4 | 6.4 | -27.0 |
| 5988.250000 | -33.4 | 6.4 | -27.0 |
| 5949.250000 | -33.4 | 6.4 | -27.0 |
| 5975.250000 | -33.5 | 6.5 | -27.0 |
| 5962.750000 | -33.5 | 6.5 | -27.0 |
| 5989.750000 | -33.5 | 6.5 | -27.0 |
| 6058.750000 | -33.6 | 6.6 | -27.0 |
| 5990.250000 | -33.6 | 6.6 | -27.0 |
| 5933.250000 | -33.6 | 6.6 | -27.0 |
| 5949.750000 | -33.6 | 6.6 | -27.0 |
| 5962.250000 | -33.6 | 6.6 | -27.0 |
| 5989.250000 | -33.6 | 6.6 | -27.0 |
| 5976.250000 | -33.6 | 6.6 | -27.0 |
| 5961.750000 | -33.7 | 6.7 | -27.0 |

## Measurement Settings

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




## Pre Measurement 2

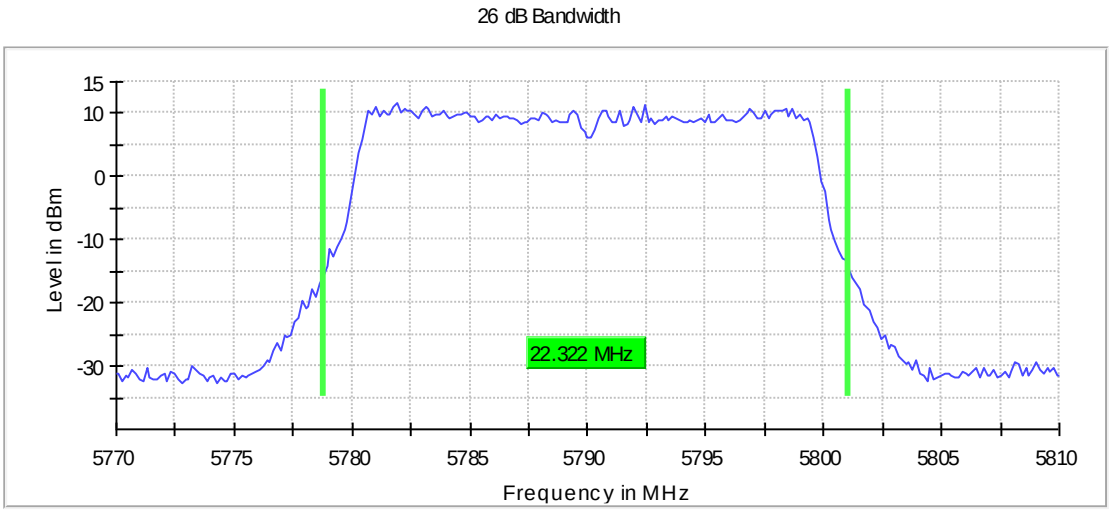
| Setting | Instrument Value | Target Value |
|---|---|---|
| RBW | 1.000 MHz | <= 1.000 MHz |
| VBW | 3.000 MHz | >= 3.000 MHz |
| SweepPoints | 1260 | ~ 1260 |
| Sweeptime | 85.781 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB |
| Detector | RMS | RMS |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Average Power | Average Power |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |

# Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 20 MHz)

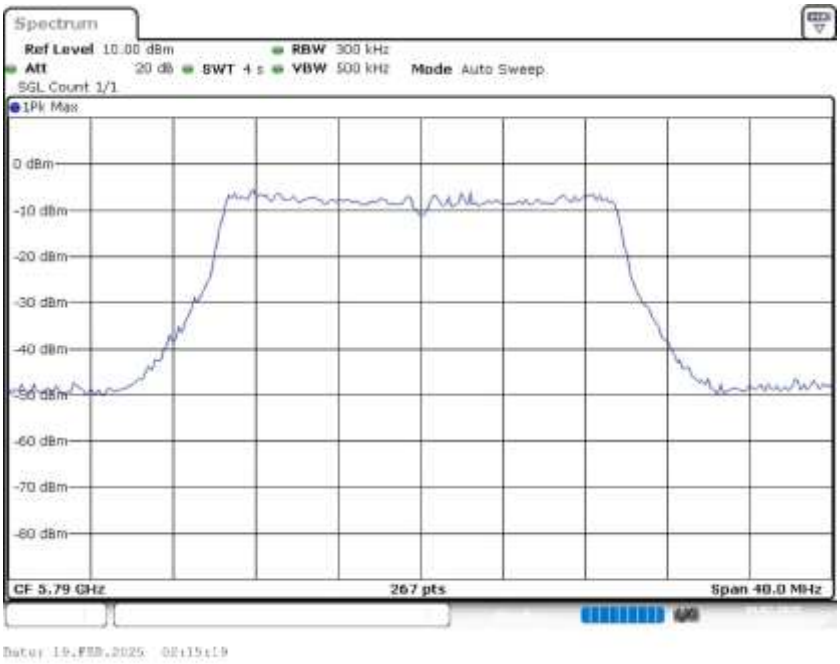
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 22.322097 | --- | --- | 5778.764045 | 5801.086142 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 11.7 | PASS |




Bandwidth

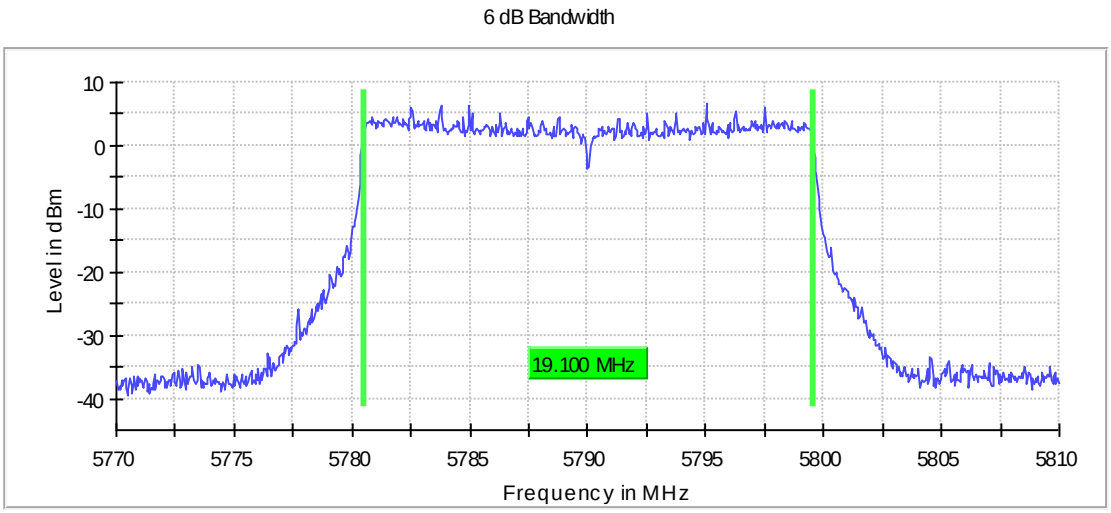



## Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 20 MHz)

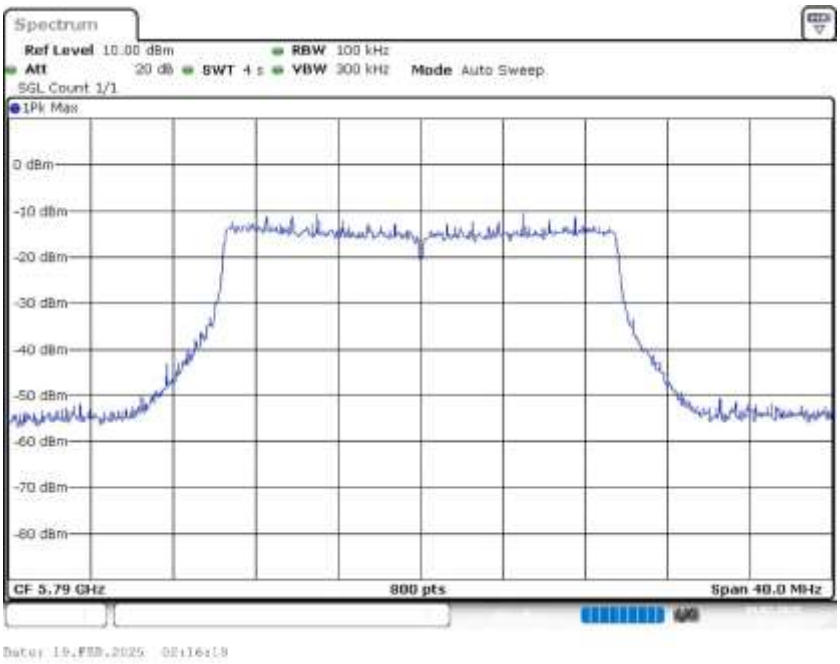
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 19.100000 | 0.500000 | --- | 5780.475000 | 5799.575000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 6.7 | PASS |



Bandwidth

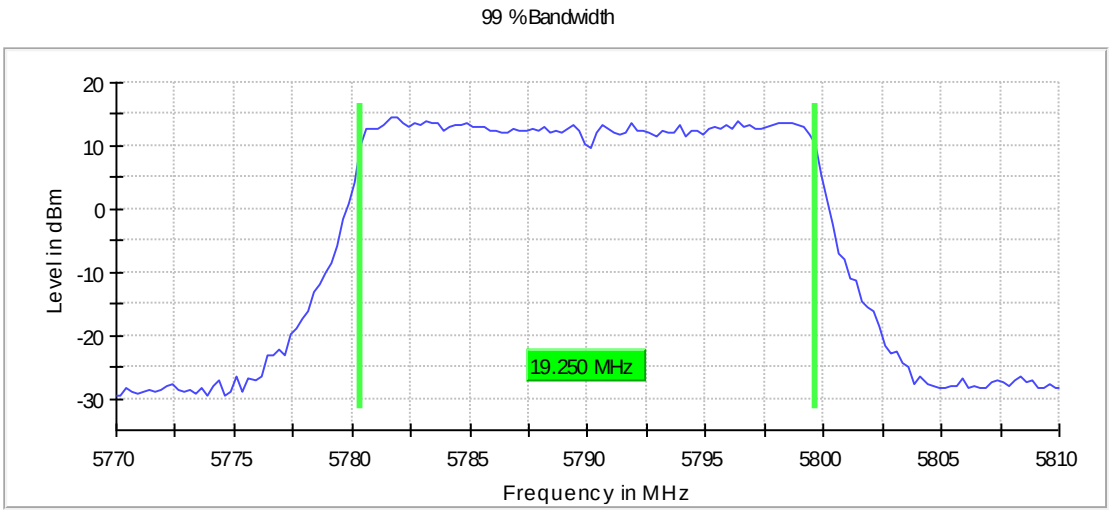



## Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 20 MHz)

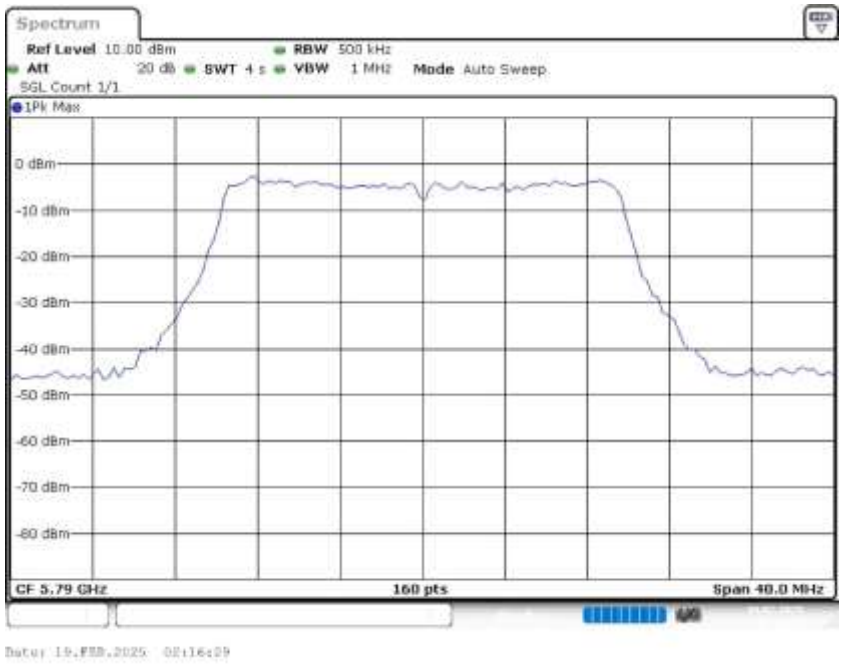
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 19.250000 | --- | --- | 5780.375000 | 5799.625000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |




Bandwidth




## Tx Spurious Emission (5790 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |

## Final measurements

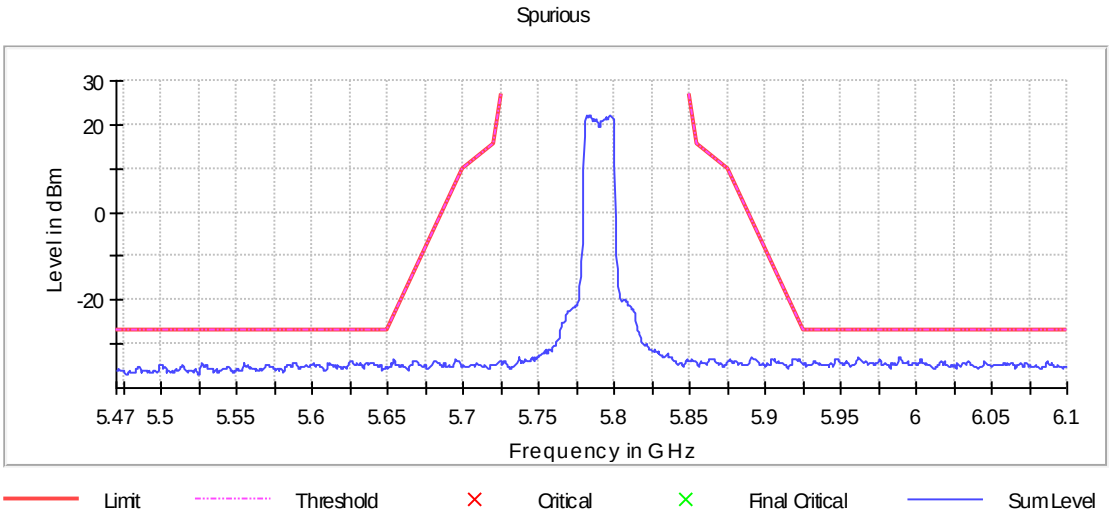
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5989.250000 | -33.1 | 6.1 | -27.0 |
| 5988.750000 | -33.1 | 6.1 | -27.0 |
| 5961.750000 | -33.1 | 6.1 | -27.0 |
| 5961.250000 | -33.3 | 6.3 | -27.0 |
| 5946.750000 | -33.3 | 6.3 | -27.0 |
| 5989.750000 | -33.3 | 6.3 | -27.0 |
| 5963.250000 | -33.4 | 6.4 | -27.0 |
| 5988.250000 | -33.4 | 6.4 | -27.0 |
| 5947.250000 | -33.5 | 6.5 | -27.0 |
| 5948.250000 | -33.5 | 6.5 | -27.0 |
| 5962.250000 | -33.5 | 6.5 | -27.0 |
| 5975.750000 | -33.6 | 6.6 | -27.0 |
| 5946.250000 | -33.6 | 6.6 | -27.0 |
| 5947.750000 | -33.6 | 6.6 | -27.0 |
| 5962.750000 | -33.6 | 6.6 | -27.0 |

## Measurement Settings

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



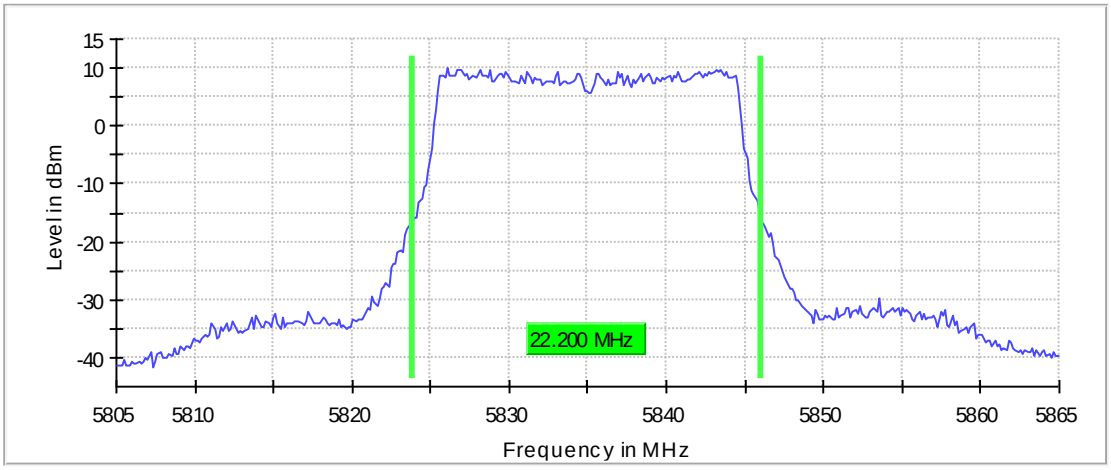

## Emission Bandwidth 26 dB (5835 MHz; 24.000 dBm; 20 MHz)

## 26 dB Bandwidth

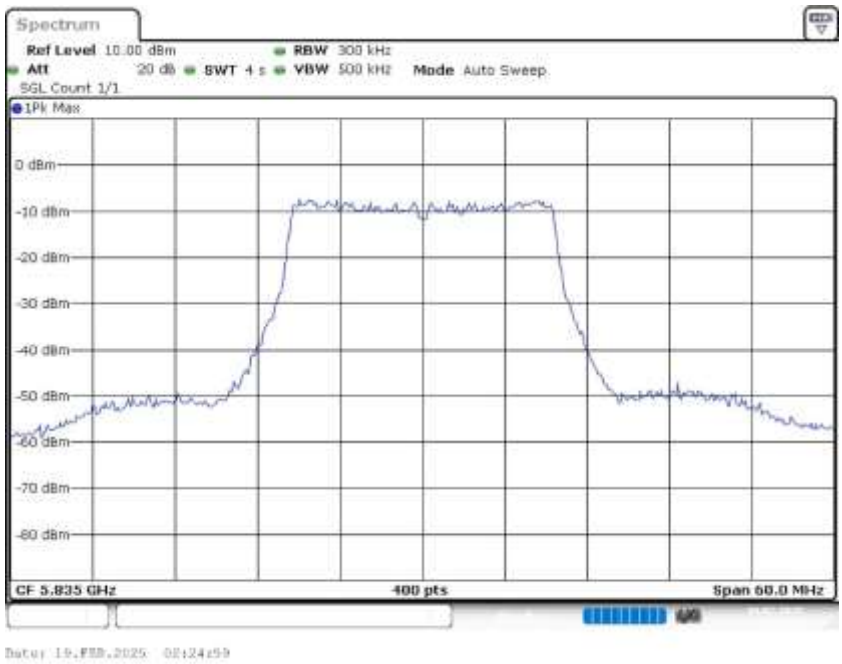
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5835.000000 | 22.200000 | --- | --- | 5823.825000 | 5846.025000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5835.000000 | 10.1 | PASS |

26 dB Bandwidth




Bandwidth




## Minimum Emission Bandwidth 6 dB (5835 MHz; 24.000 dBm; 20 MHz)

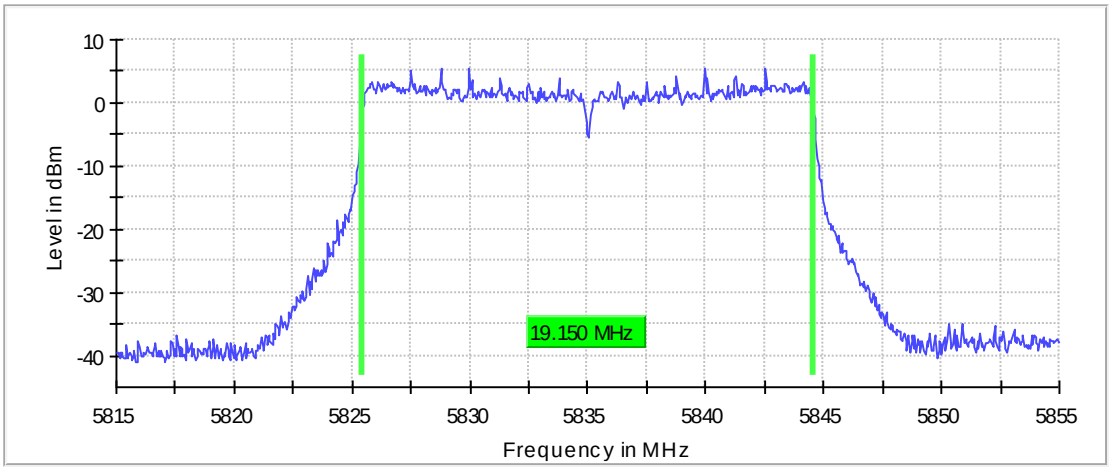
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5835.000000 | 19.150000 | 0.500000 | --- | 5825.425000 | 5844.575000 |

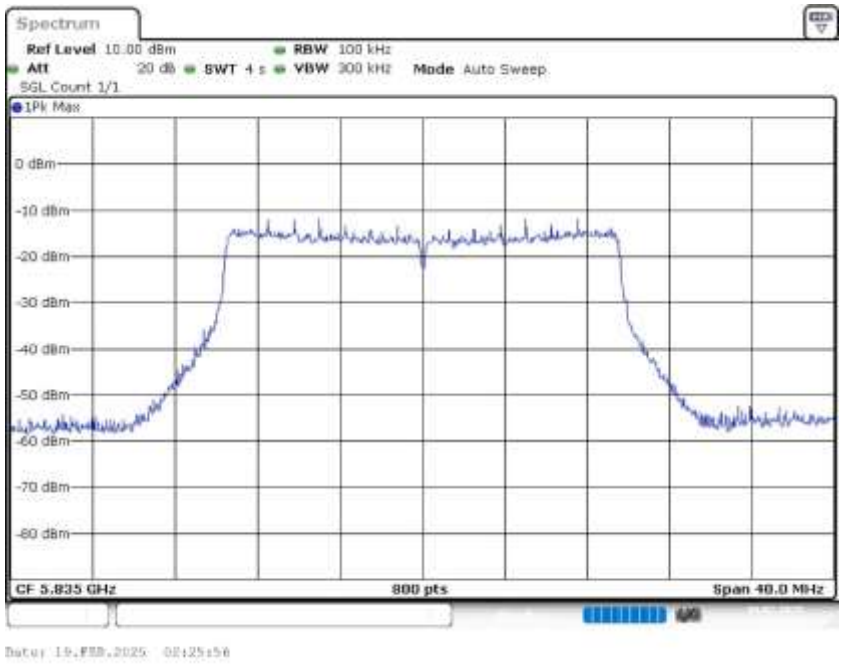
**(continuation of the "6 dB Bandwidth" table from column 6 ...)**

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5835.000000 | 5.6 | PASS |

6 dB Bandwidth




Bandwidth

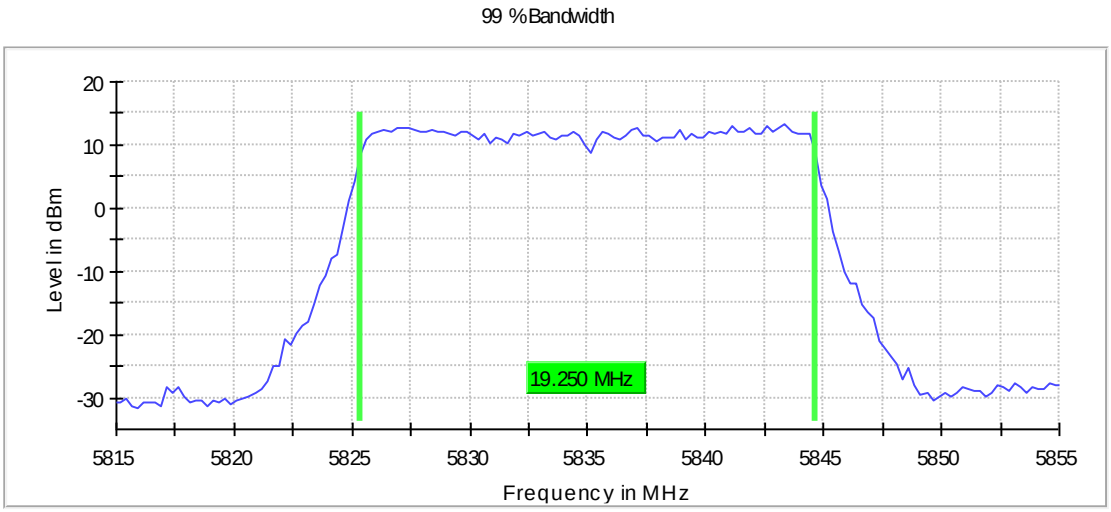


# Occupied Channel Bandwidth 99% (5835 MHz; 24.000 dBm; 20 MHz)

## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5835.000000 | 19.250000 | --- | --- | 5825.375000 | 5844.625000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5835.000000 | PASS |




Bandwidth


## Tx Spurious Emission (5835 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5835.000000 | PASS |

## Final measurements

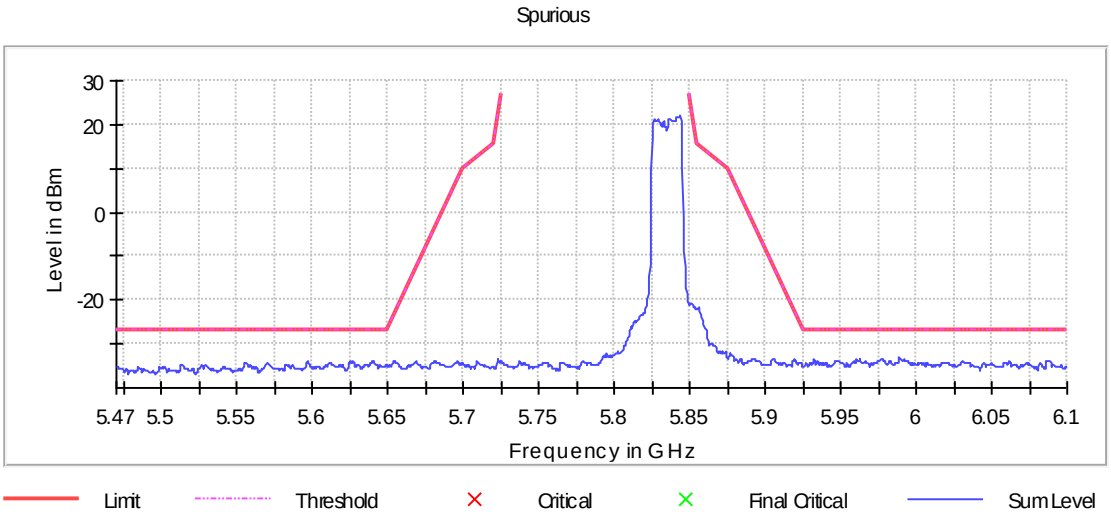
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5988.750000 | -33.1 | 6.1 | -27.0 |
| 5989.250000 | -33.2 | 6.2 | -27.0 |
| 5976.750000 | -33.3 | 6.3 | -27.0 |
| 5992.250000 | -33.3 | 6.3 | -27.0 |
| 5977.250000 | -33.3 | 6.3 | -27.0 |
| 5991.750000 | -33.5 | 6.5 | -27.0 |
| 5976.250000 | -33.5 | 6.5 | -27.0 |
| 5989.750000 | -33.5 | 6.5 | -27.0 |
| 5962.750000 | -33.5 | 6.5 | -27.0 |
| 5977.750000 | -33.6 | 6.6 | -27.0 |
| 5960.750000 | -33.6 | 6.6 | -27.0 |
| 5990.250000 | -33.6 | 6.6 | -27.0 |
| 5932.250000 | -33.6 | 6.6 | -27.0 |
| 5988.250000 | -33.7 | 6.7 | -27.0 |
| 5982.250000 | -33.7 | 6.7 | -27.0 |

## Measurement Settings

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

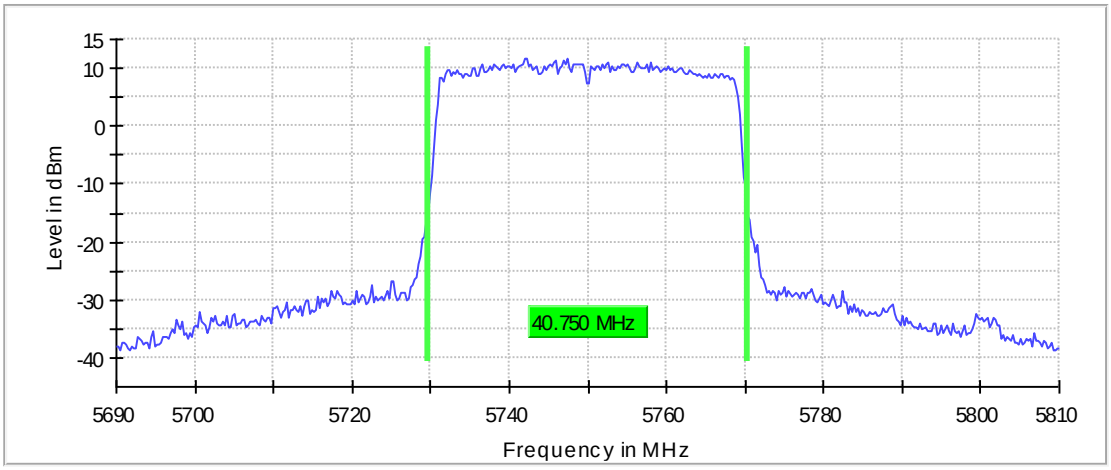



## Emission Bandwidth 26 dB (5750 MHz; 24.000 dBm; 40 MHz)

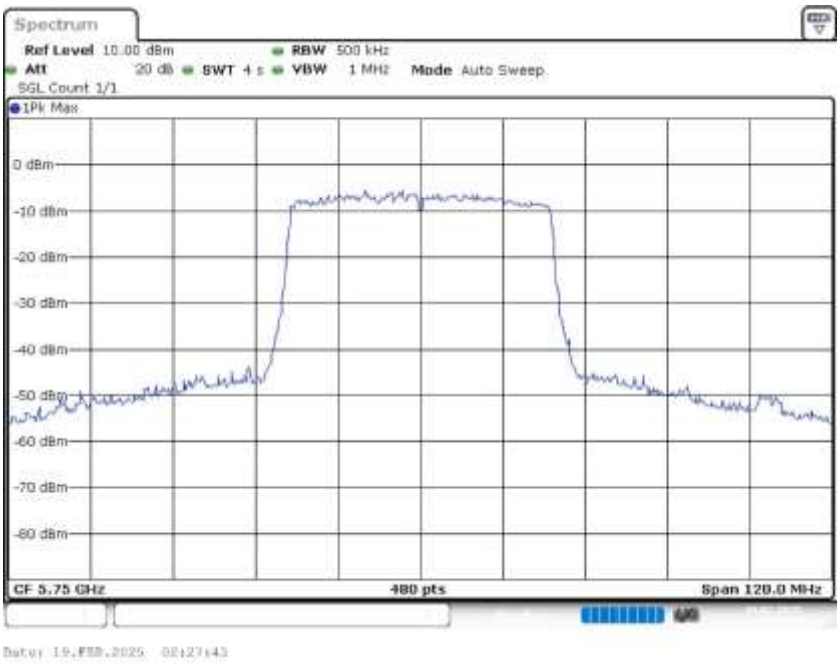
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5750.000000 | 40.750000 | --- | --- | 5729.625000 | 5770.375000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5750.000000 | 11.7 | PASS |



Bandwidth



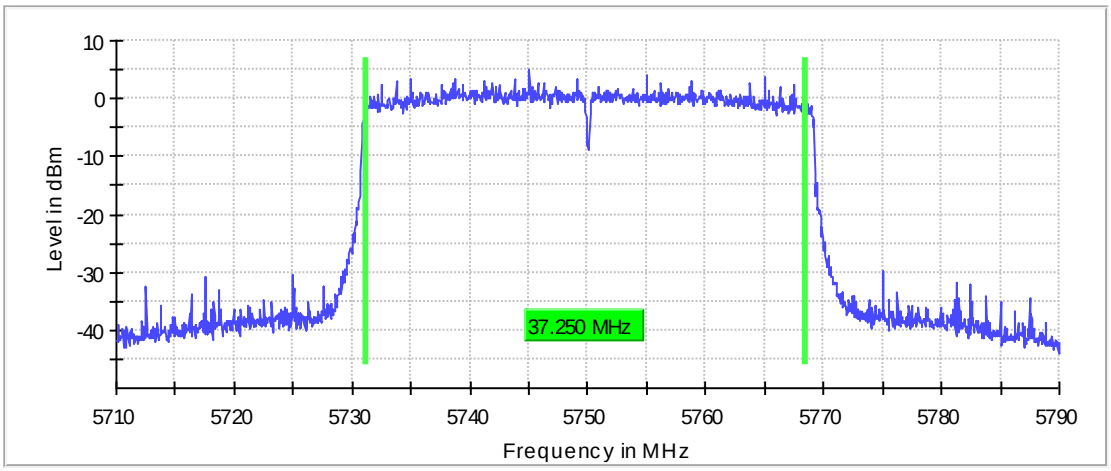

## Minimum Emission Bandwidth 6 dB (5750 MHz; 24.000 dBm; 40 MHz)

## 6 dB Bandwidth

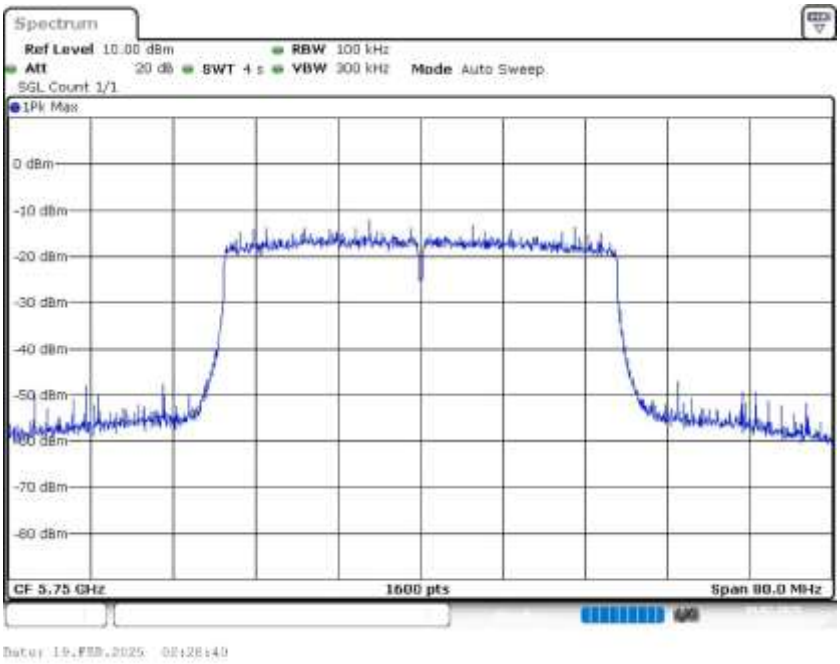
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5750.000000 | 37.250000 | 0.500000 | --- | 5731.175000 | 5768.425000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5750.000000 | 5.1 | PASS |

6 dB Bandwidth




Bandwidth

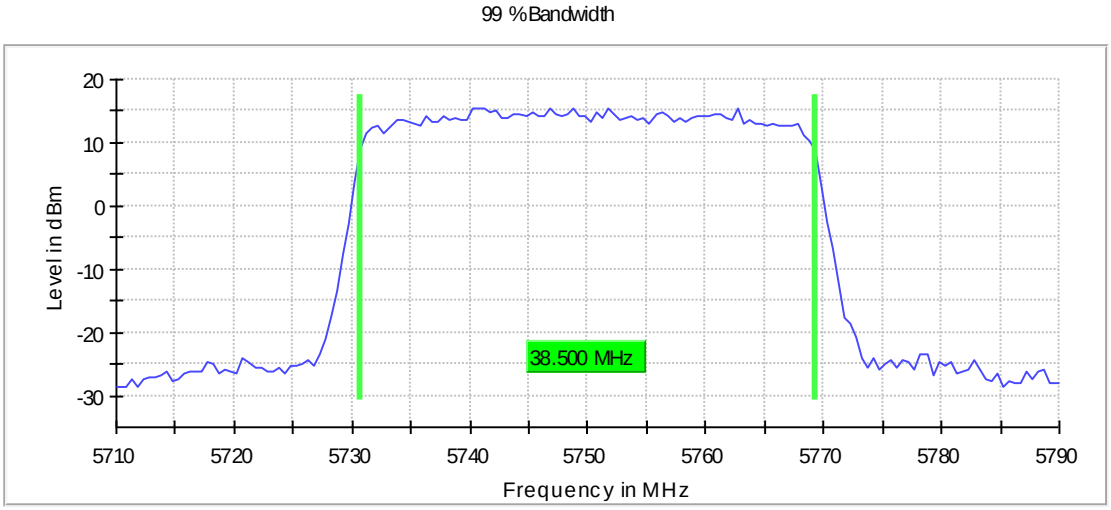



## Occupied Channel Bandwidth 99% (5750 MHz; 24.000 dBm; 40 MHz)

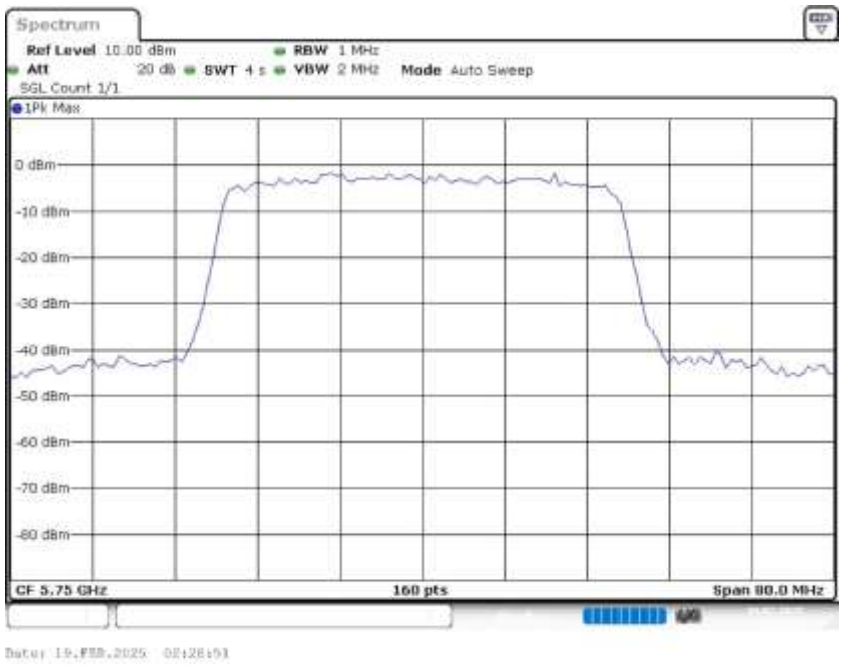
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5750.000000 | 38.500000 | --- | --- | 5730.750000 | 5769.250000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5750.000000 | PASS |




Bandwidth




## Tx Spurious Emission (5750 MHz; 24.000 dBm; 40 MHz)

## Result

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

| | |
|---|---|
| 5750.000000 | PASS |

## Final measurements

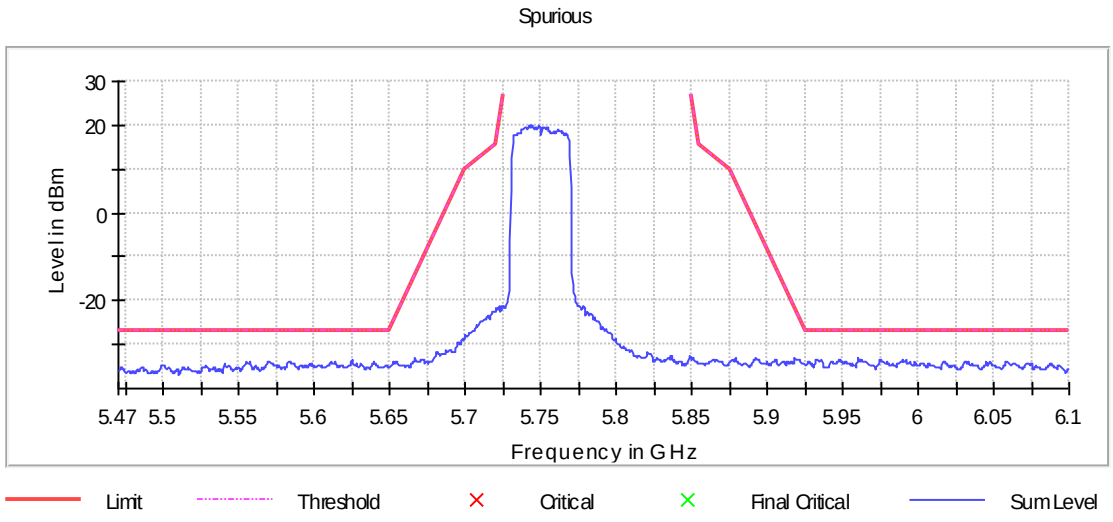
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5960.250000 | -33.1 | 6.1 | -27.0 |
| 5960.750000 | -33.3 | 6.3 | -27.0 |
| 5932.750000 | -33.4 | 6.4 | -27.0 |
| 5962.250000 | -33.4 | 6.4 | -27.0 |
| 5935.750000 | -33.4 | 6.4 | -27.0 |
| 5991.750000 | -33.4 | 6.4 | -27.0 |
| 5961.750000 | -33.5 | 6.5 | -27.0 |
| 5933.250000 | -33.5 | 6.5 | -27.0 |
| 5974.750000 | -33.6 | 6.6 | -27.0 |
| 5947.750000 | -33.6 | 6.6 | -27.0 |
| 5933.750000 | -33.6 | 6.6 | -27.0 |
| 5962.750000 | -33.6 | 6.6 | -27.0 |
| 5935.250000 | -33.6 | 6.6 | -27.0 |
| 5975.250000 | -33.6 | 6.6 | -27.0 |
| 5624.750000 | -33.6 | 6.6 | -27.0 |

## Measurement Settings

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

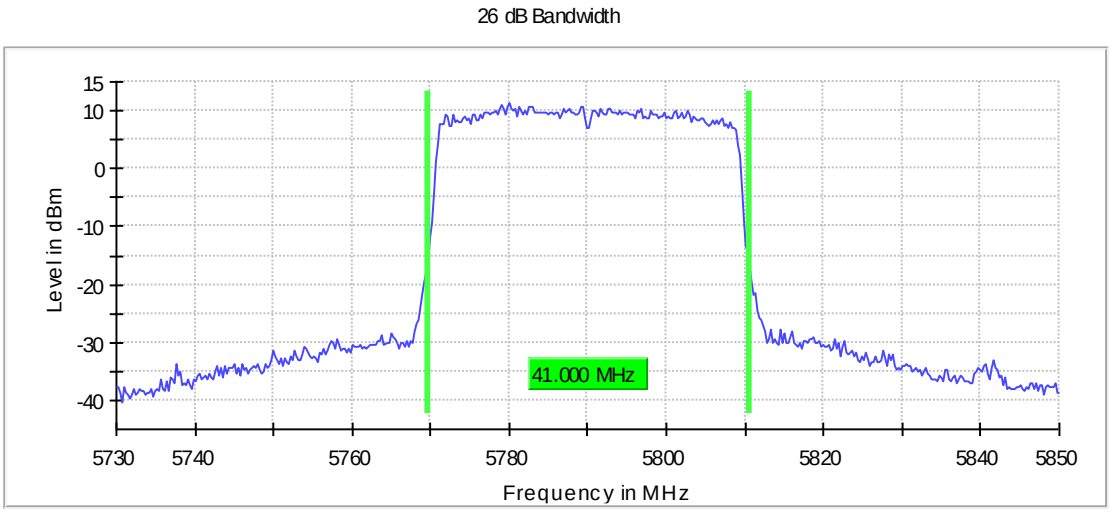


# Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 40 MHz)

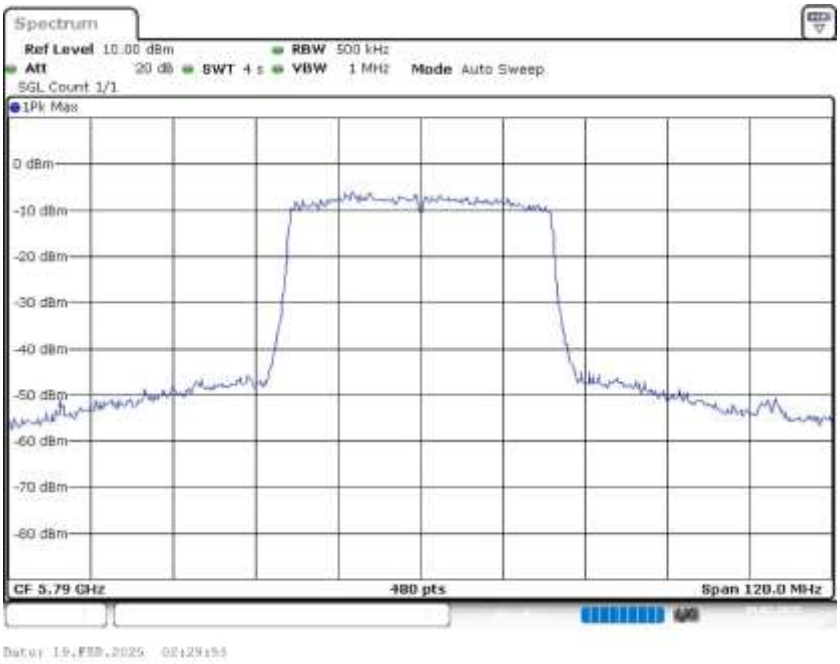
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 41.000000 | --- | --- | 5769.625000 | 5810.625000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 11.2 | PASS |




Bandwidth

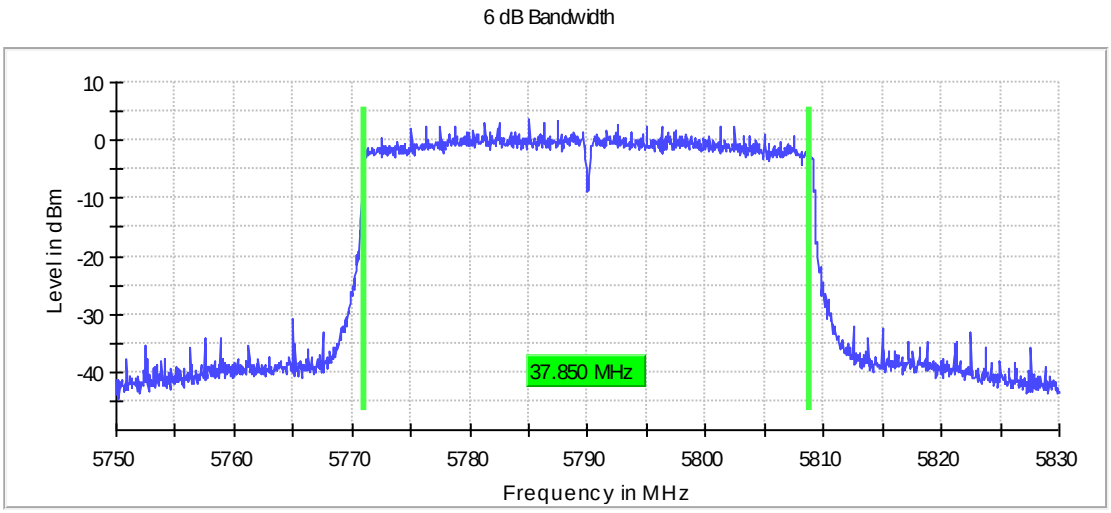



## Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 40 MHz)

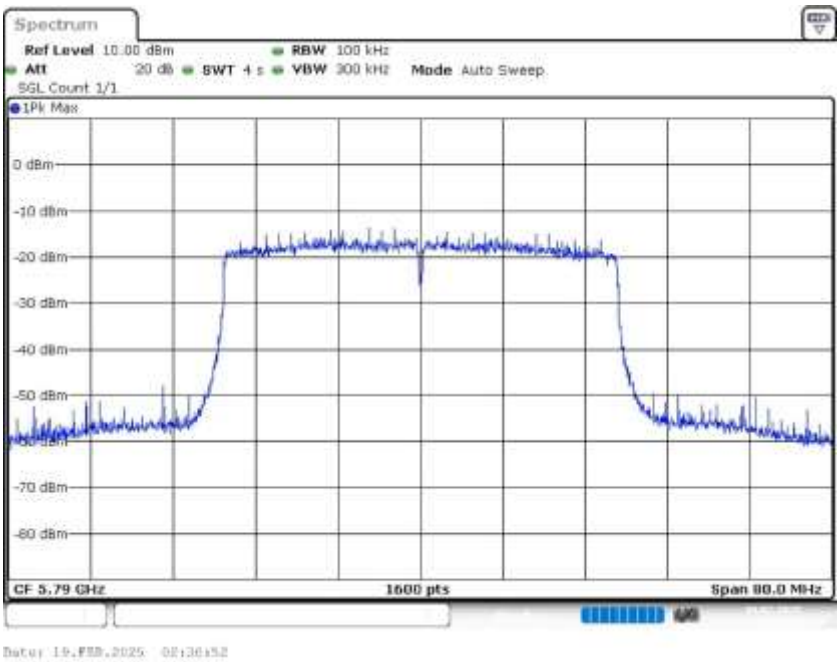
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 37.850000 | 0.500000 | --- | 5771.025000 | 5808.875000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 3.6 | PASS |



Bandwidth

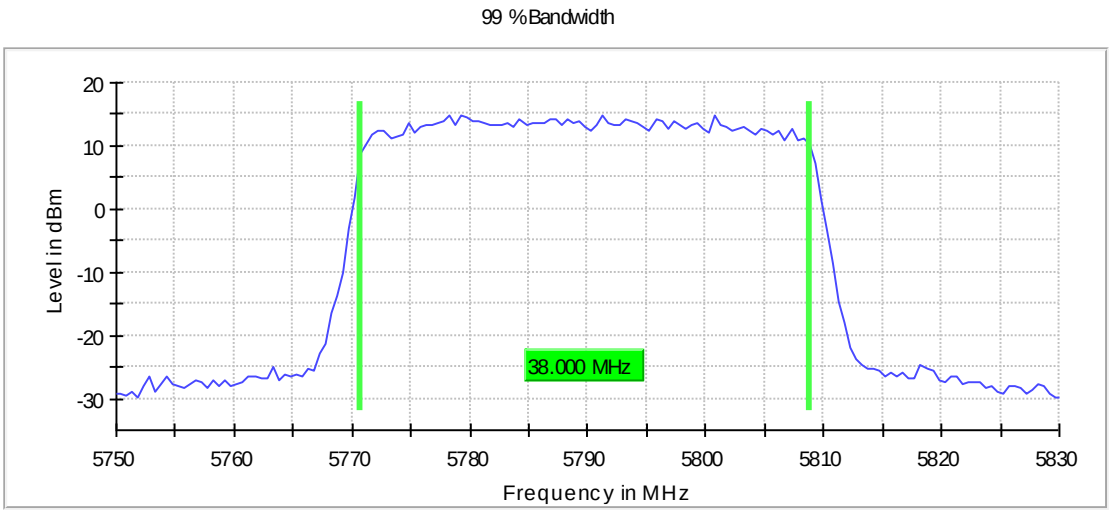



## Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 40 MHz)

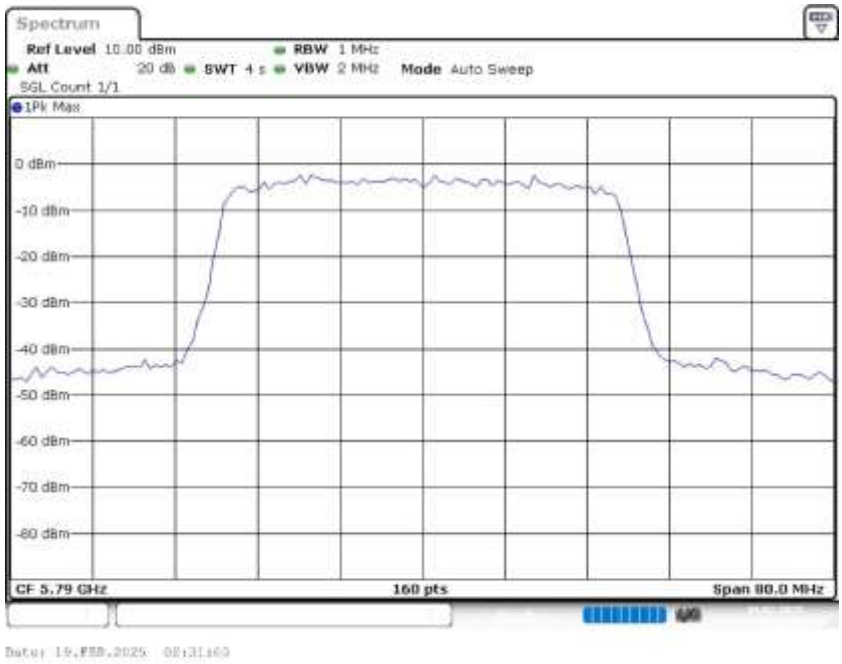
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 38.000000 | --- | --- | 5770.750000 | 5808.750000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |




Bandwidth




## Tx Spurious Emission (5790 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |

## Final measurements

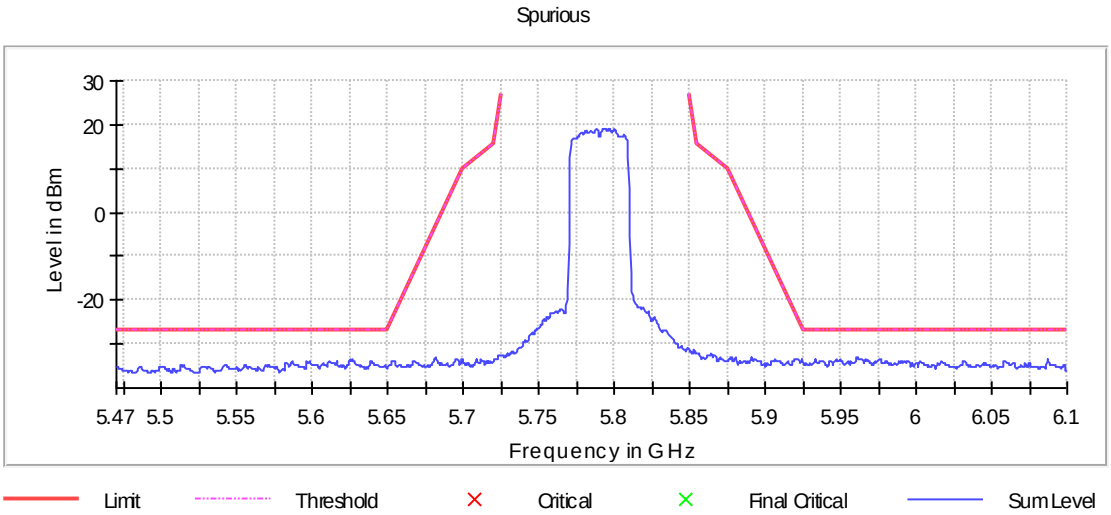
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5960.750000 | -32.9 | 5.9 | -27.0 |
| 5961.250000 | -33.0 | 6.0 | -27.0 |
| 5961.750000 | -33.2 | 6.2 | -27.0 |
| 5960.250000 | -33.3 | 6.3 | -27.0 |
| 5975.750000 | -33.3 | 6.3 | -27.0 |
| 6087.250000 | -33.4 | 6.4 | -27.0 |
| 5963.750000 | -33.4 | 6.4 | -27.0 |
| 5975.250000 | -33.4 | 6.4 | -27.0 |
| 5962.250000 | -33.4 | 6.4 | -27.0 |
| 5947.250000 | -33.4 | 6.4 | -27.0 |
| 5964.250000 | -33.4 | 6.4 | -27.0 |
| 5946.750000 | -33.4 | 6.4 | -27.0 |
| 5962.750000 | -33.5 | 6.5 | -27.0 |
| 5949.750000 | -33.5 | 6.5 | -27.0 |
| 5933.250000 | -33.5 | 6.5 | -27.0 |

## Measurement Settings

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



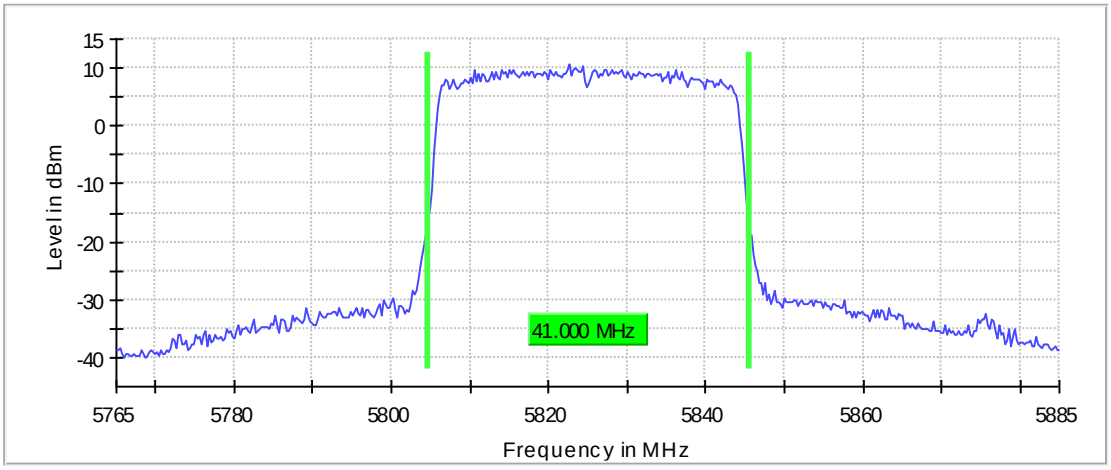

## Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 40 MHz)

## 26 dB Bandwidth

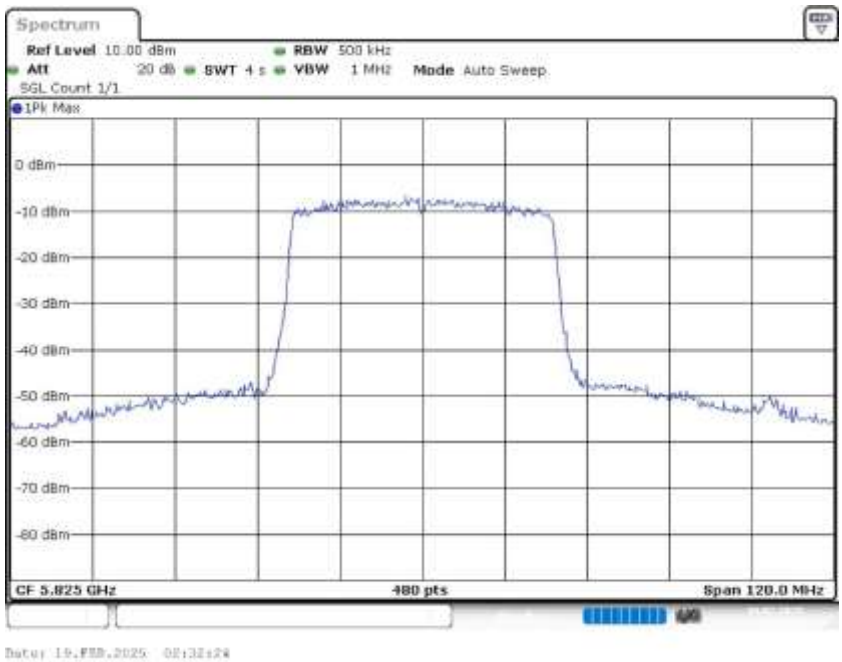
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5825.000000 | 41.000000 | --- | --- | 5804.625000 | 5845.625000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5825.000000 | 10.7 | PASS |

26 dB Bandwidth




Bandwidth



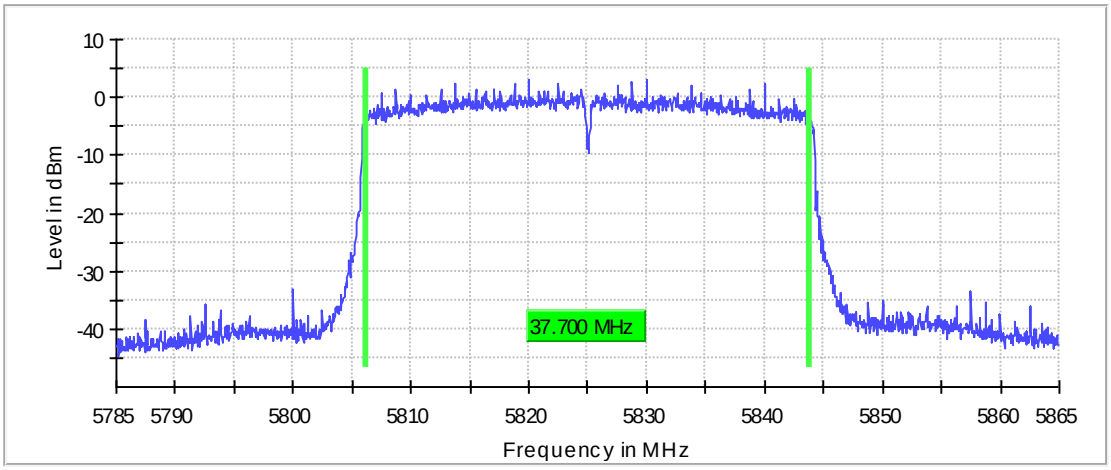

## Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 40 MHz)

## 6 dB Bandwidth

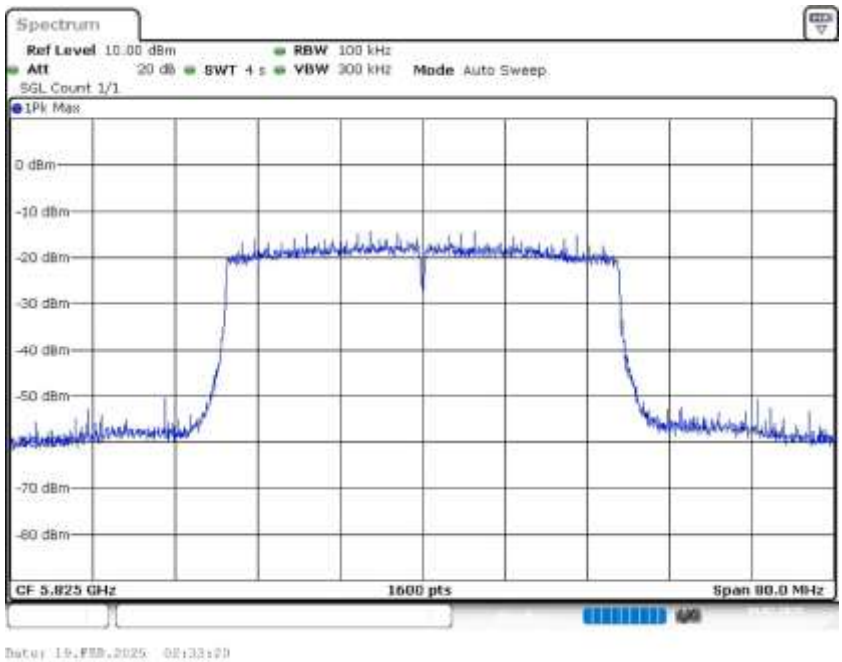
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5825.000000 | 37.700000 | 0.500000 | --- | 5806.125000 | 5843.825000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5825.000000 | 3.1 | PASS |

6 dB Bandwidth




Bandwidth

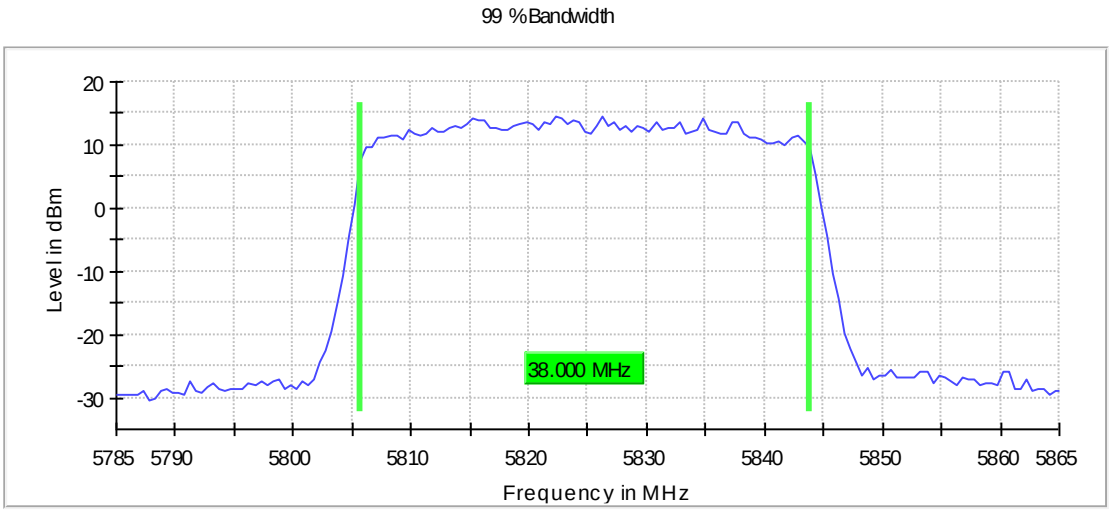


# Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 40 MHz)

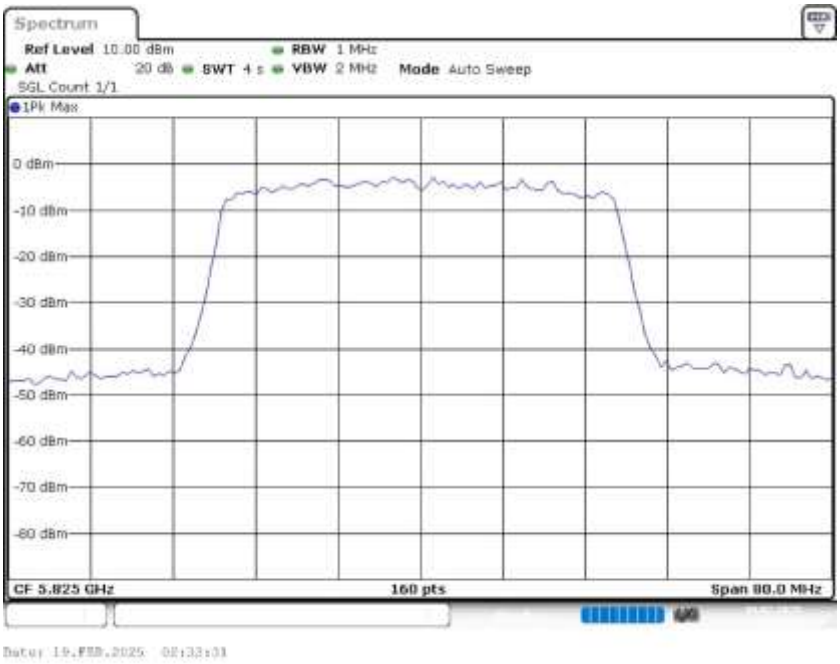
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5825.000000 | 38.000000 | --- | --- | 5805.750000 | 5843.750000 |

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




Bandwidth




## Tx Spurious Emission (5825 MHz; 24.000 dBm; 40 MHz)

## Result

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

## Final measurements

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

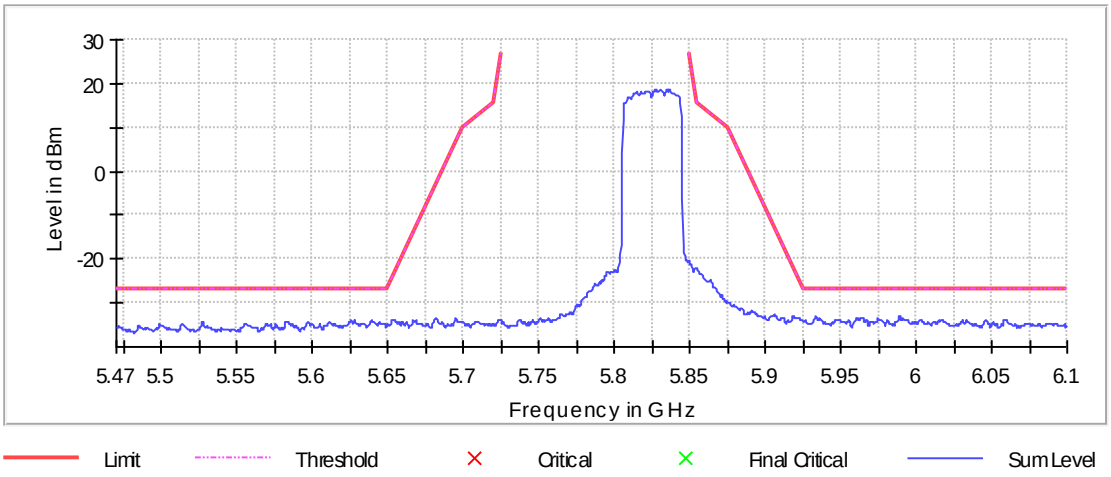
## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5988.750000 | -33.0 | 6.0 | -27.0 |
| 5933.750000 | -33.1 | 6.1 | -27.0 |
| 5933.250000 | -33.1 | 6.1 | -27.0 |
| 5989.250000 | -33.1 | 6.1 | -27.0 |
| 5964.250000 | -33.3 | 6.3 | -27.0 |
| 5963.750000 | -33.3 | 6.3 | -27.0 |
| 5960.750000 | -33.4 | 6.4 | -27.0 |
| 5934.250000 | -33.4 | 6.4 | -27.0 |
| 5961.250000 | -33.4 | 6.4 | -27.0 |
| 5988.250000 | -33.4 | 6.4 | -27.0 |
| 5989.750000 | -33.5 | 6.5 | -27.0 |
| 5960.250000 | -33.5 | 6.5 | -27.0 |
| 5963.250000 | -33.5 | 6.5 | -27.0 |
| 5936.250000 | -33.5 | 6.5 | -27.0 |
| 5932.750000 | -33.6 | 6.6 | -27.0 |

## Measurement Settings

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

Spurious



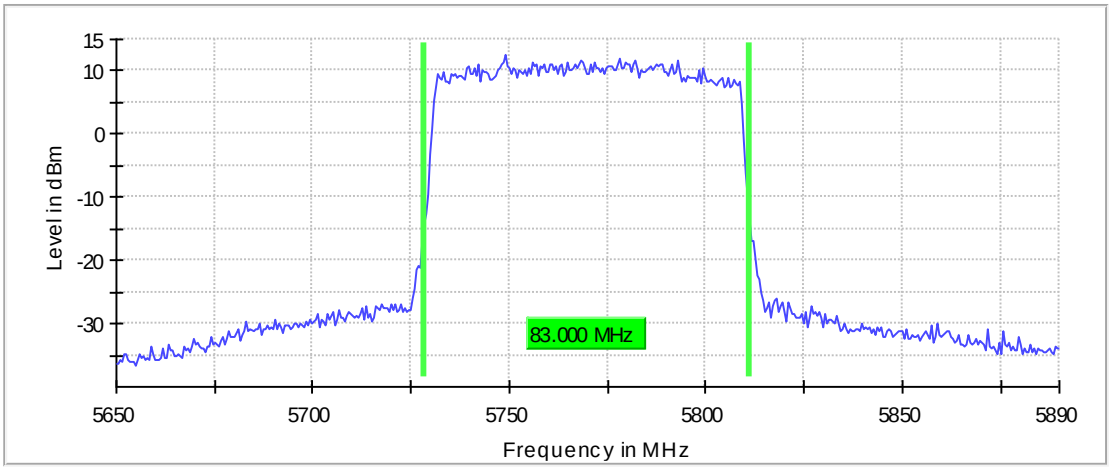

# Emission Bandwidth 26 dB (5770 MHz; 24.000 dBm; 80 MHz)

## 26 dB Bandwidth

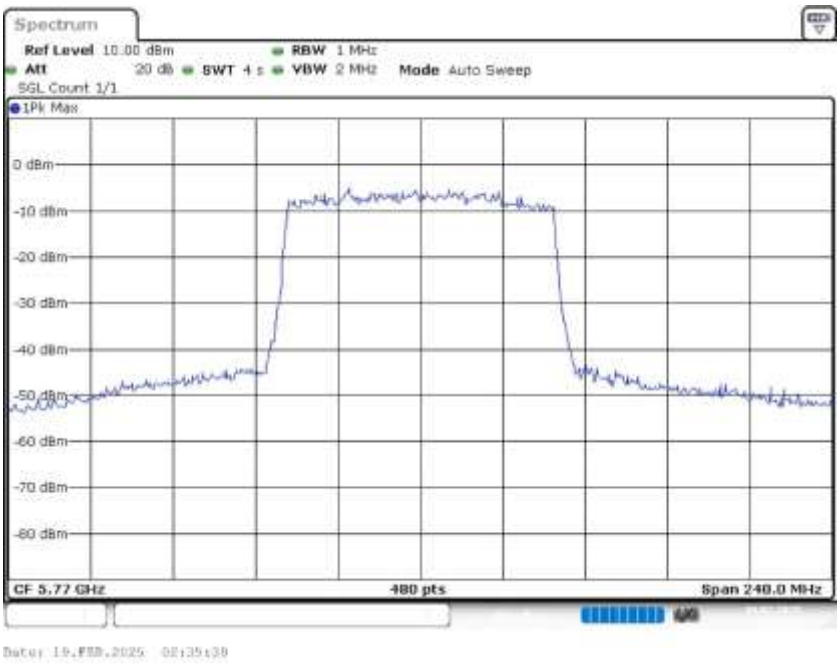
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5770.000000 | 83.000000 | --- | --- | 5728.250000 | 5811.250000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5770.000000 | 12.4 | PASS |

26 dB Bandwidth



Bandwidth



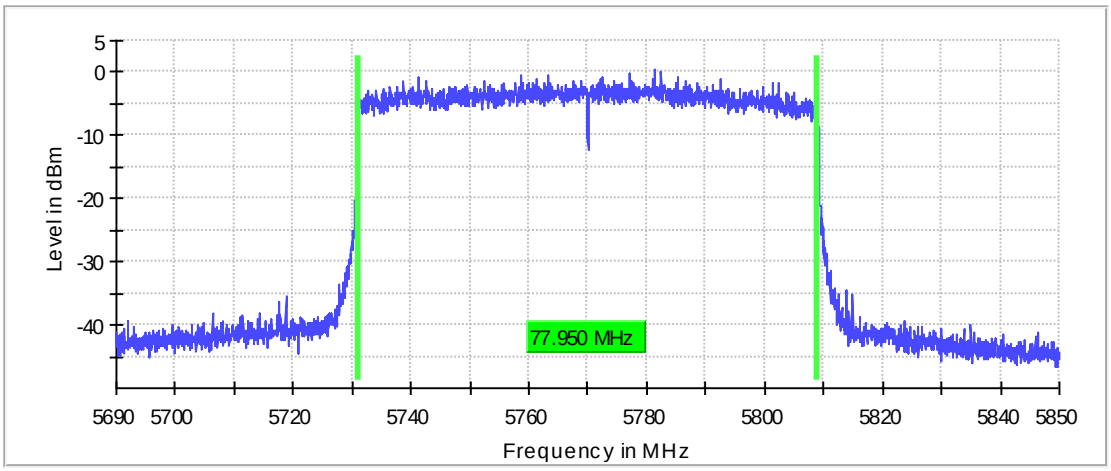

## Minimum Emission Bandwidth 6 dB (5770 MHz; 24.000 dBm; 80 MHz)

## 6 dB Bandwidth

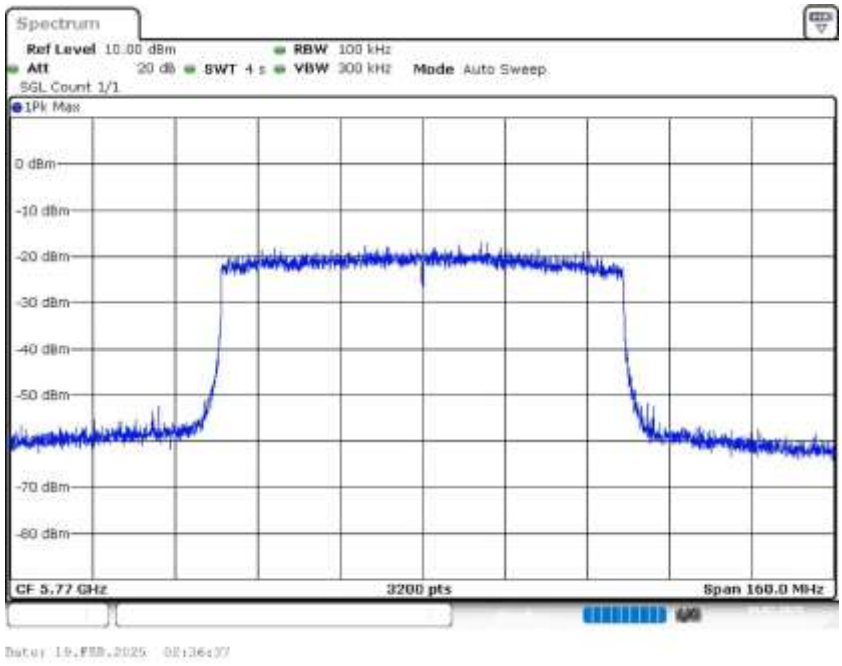
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5770.000000 | 77.950000 | 0.500000 | --- | 5730.925000 | 5808.875000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5770.000000 | 0.5 | PASS |

6 dB Bandwidth




Bandwidth

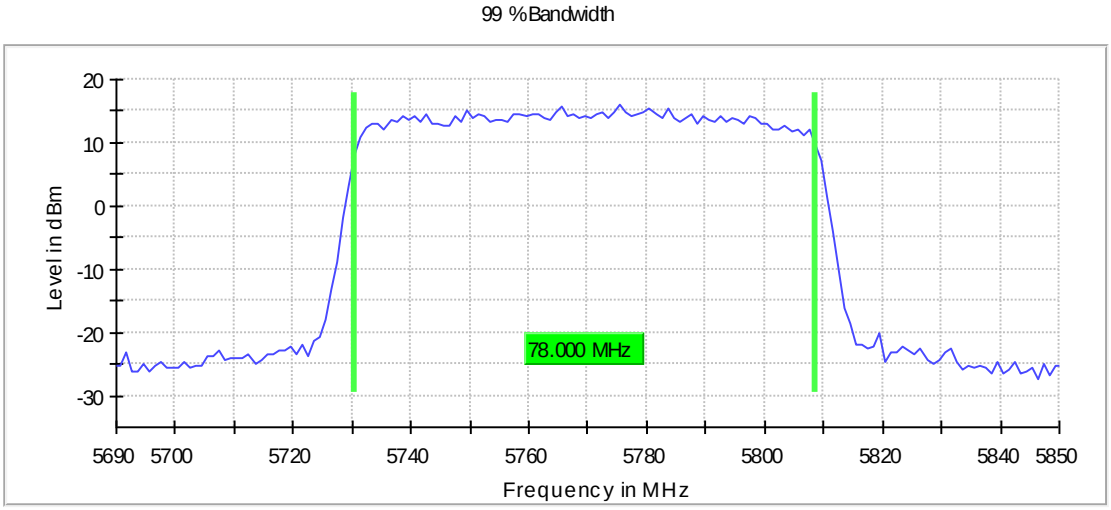



## Occupied Channel Bandwidth 99% (5770 MHz; 24.000 dBm; 80 MHz)

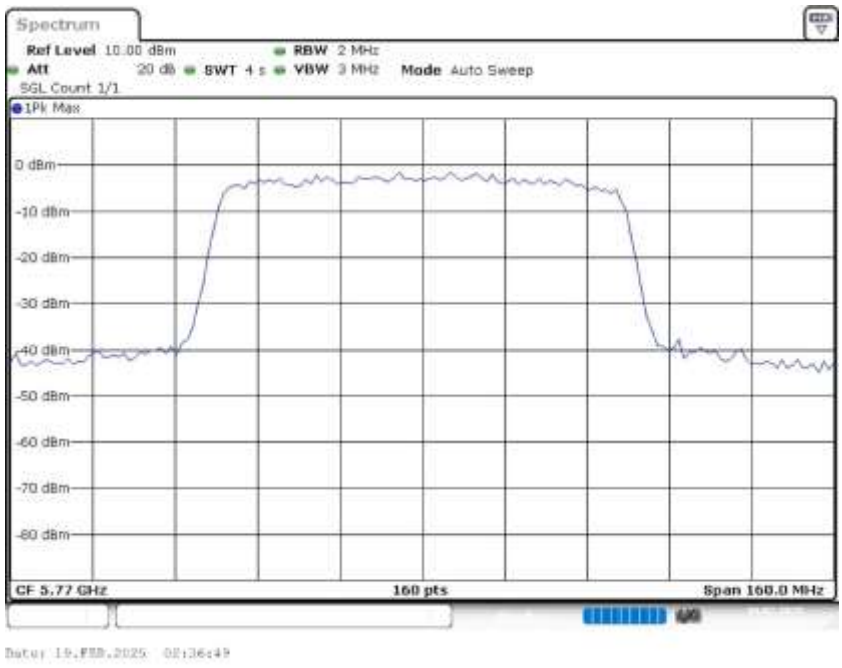
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5770.000000 | 78.000000 | --- | --- | 5730.500000 | 5808.500000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5770.000000 | PASS |




Bandwidth




## Tx Spurious Emission (5770 MHz; 24.000 dBm; 80 MHz)

## Result

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

| | |
|---|---|
| 5770.000000 | PASS |

## Final measurements

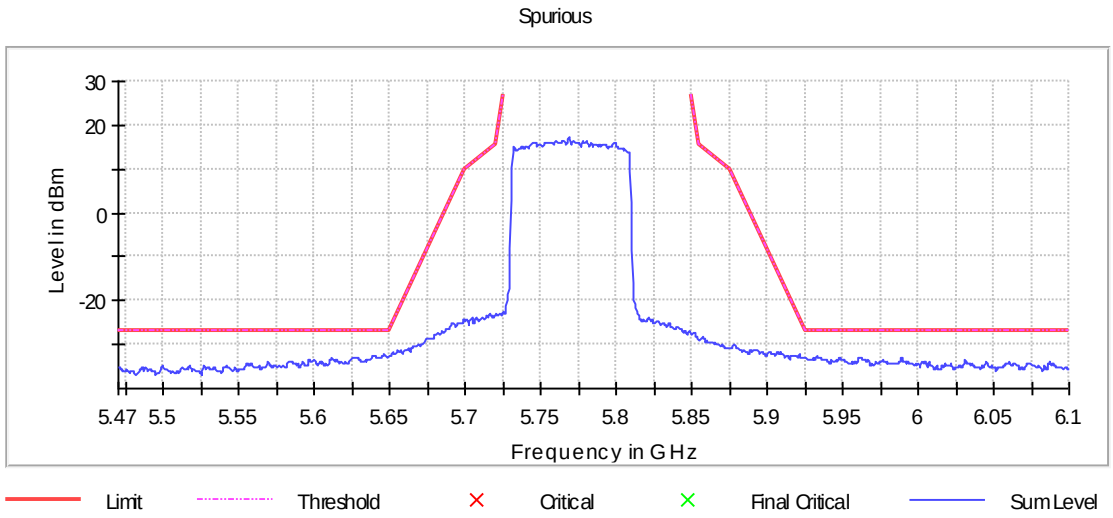
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5646.250000 | -32.1 | 5.1 | -27.0 |
| 5645.750000 | -32.3 | 5.3 | -27.0 |
| 5646.750000 | -32.4 | 5.4 | -27.0 |
| 5645.250000 | -32.4 | 5.4 | -27.0 |
| 5649.250000 | -32.5 | 5.5 | -27.0 |
| 5644.750000 | -32.5 | 5.5 | -27.0 |
| 5639.250000 | -32.5 | 5.5 | -27.0 |
| 5638.750000 | -32.5 | 5.5 | -27.0 |
| 5640.250000 | -32.6 | 5.6 | -27.0 |
| 5649.750000 | -32.6 | 5.6 | -27.0 |
| 5639.750000 | -32.6 | 5.6 | -27.0 |
| 5640.750000 | -32.6 | 5.6 | -27.0 |
| 5932.750000 | -32.7 | 5.7 | -27.0 |
| 5638.250000 | -32.7 | 5.7 | -27.0 |
| 5933.250000 | -32.8 | 5.8 | -27.0 |

## Measurement Settings

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



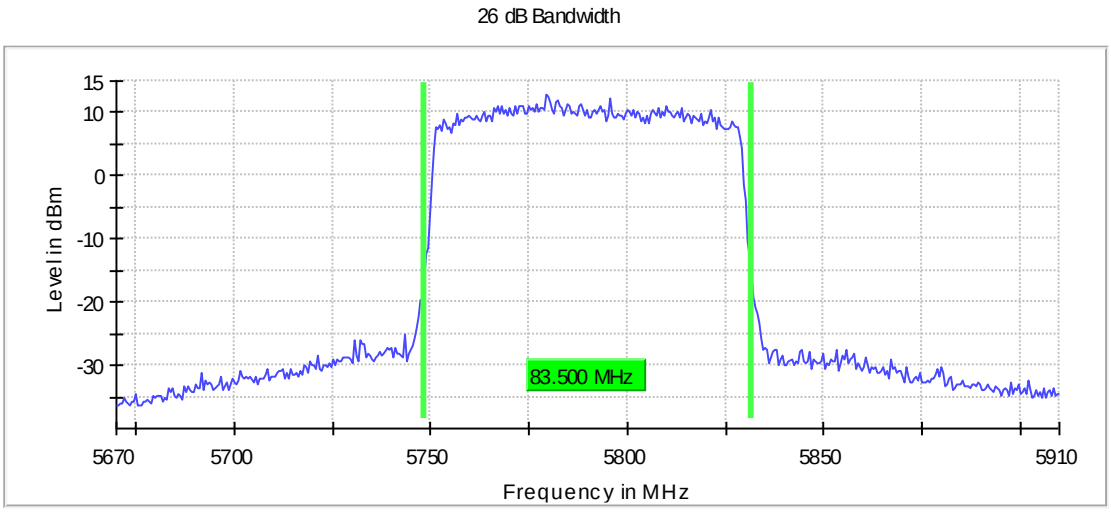
# Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 80 MHz)

## 26 dB Bandwidth

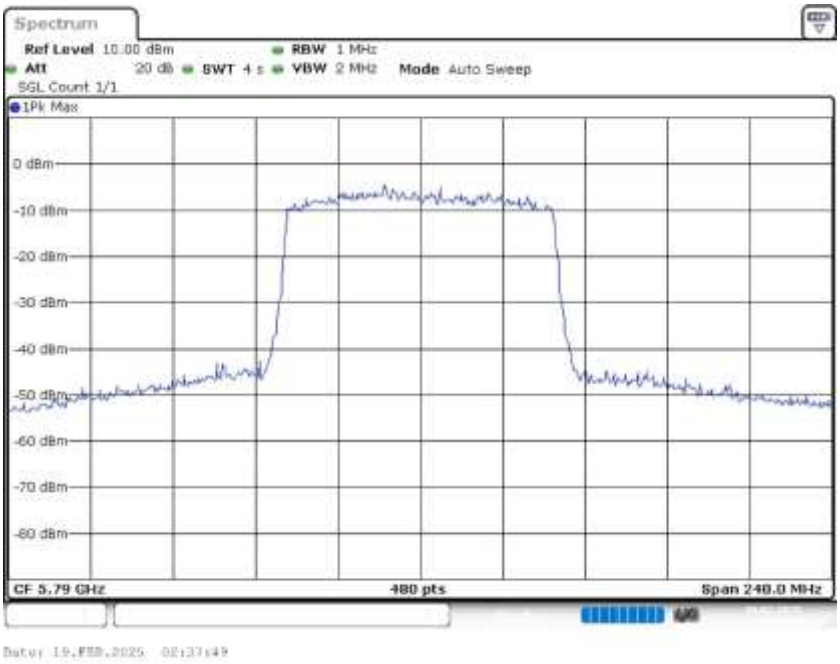
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 83.500000 | --- | --- | 5748.250000 | 5831.750000 |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 12.7 | PASS |




Bandwidth

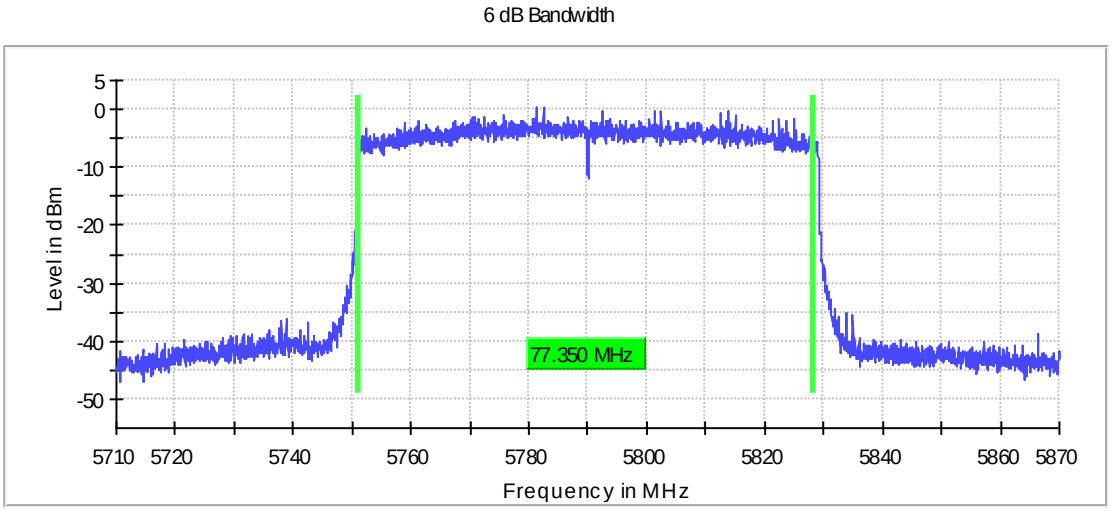



## Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 80 MHz)

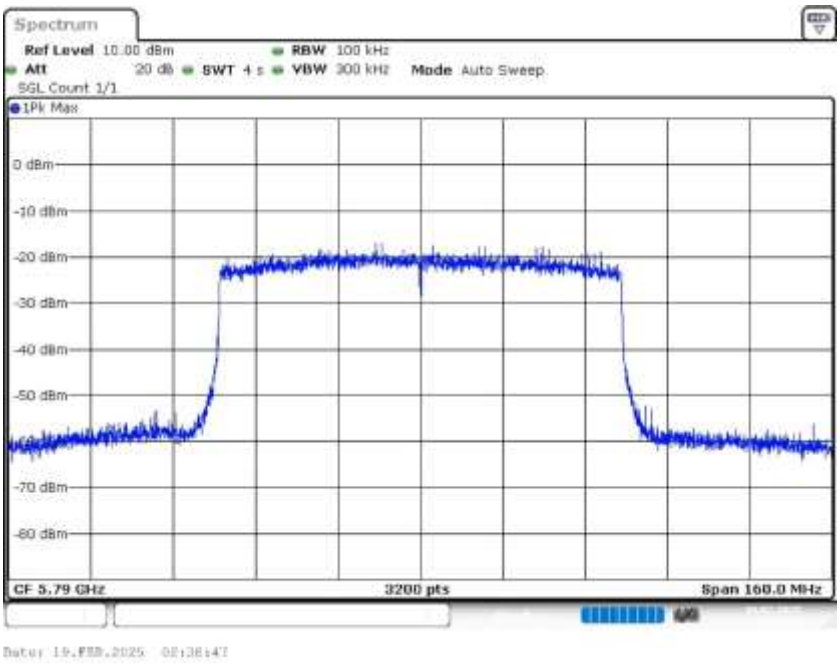
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 77.350000 | 0.500000 | --- | 5751.025000 | 5828.375000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 0.4 | PASS |



Bandwidth

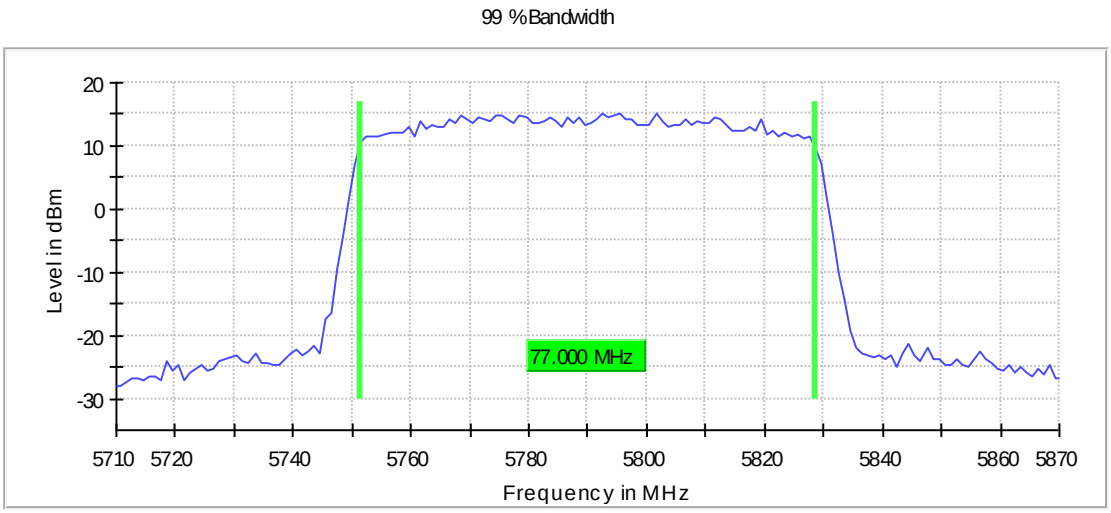



## Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 80 MHz)

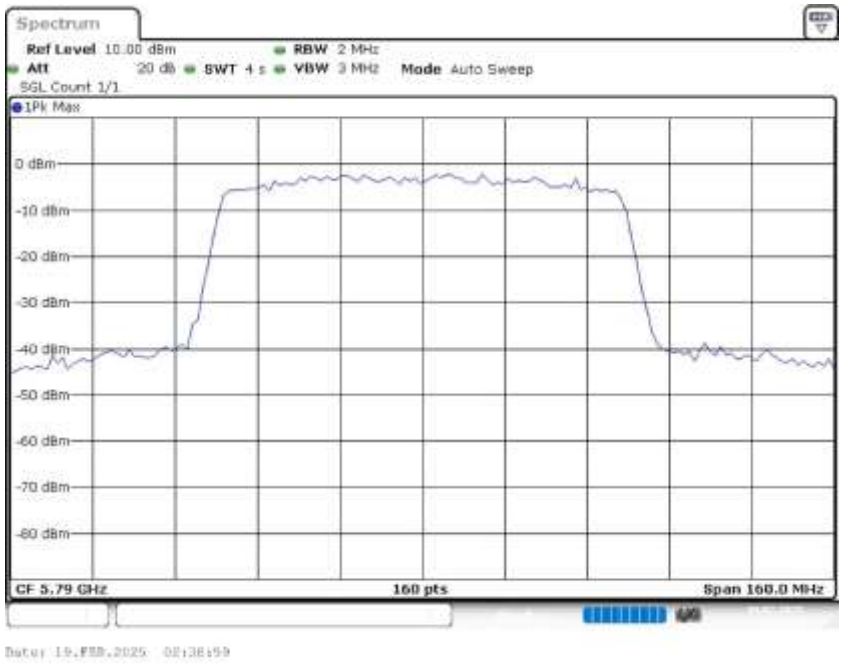
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 77.000000 | --- | --- | 5751.500000 | 5828.500000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |




Bandwidth




## Tx Spurious Emission (5790 MHz; 24.000 dBm; 80 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |

## Final measurements

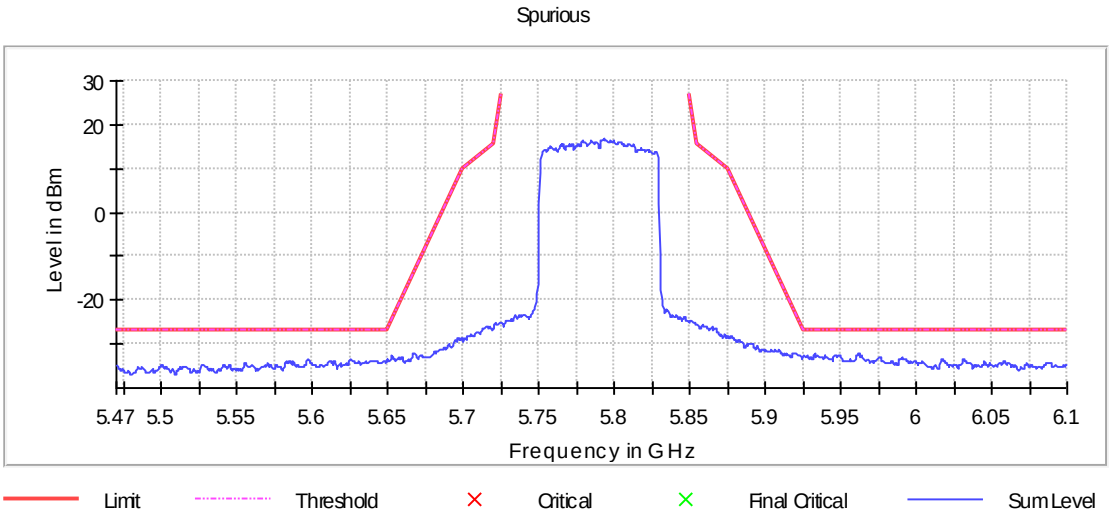
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5961.750000 | -32.2 | 5.2 | -27.0 |
| 5932.750000 | -32.2 | 5.2 | -27.0 |
| 5962.250000 | -32.3 | 5.3 | -27.0 |
| 5932.250000 | -32.4 | 5.4 | -27.0 |
| 5961.250000 | -32.5 | 5.5 | -27.0 |
| 5925.750000 | -32.5 | 5.5 | -27.0 |
| 5939.750000 | -32.5 | 5.5 | -27.0 |
| 5960.750000 | -32.6 | 5.6 | -27.0 |
| 5945.750000 | -32.6 | 5.6 | -27.0 |
| 5949.750000 | -32.6 | 5.6 | -27.0 |
| 5948.750000 | -32.7 | 5.7 | -27.0 |
| 5948.250000 | -32.7 | 5.7 | -27.0 |
| 5934.250000 | -32.7 | 5.7 | -27.0 |
| 5946.250000 | -32.7 | 5.7 | -27.0 |
| 5949.250000 | -32.7 | 5.7 | -27.0 |

## Measurement Settings

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

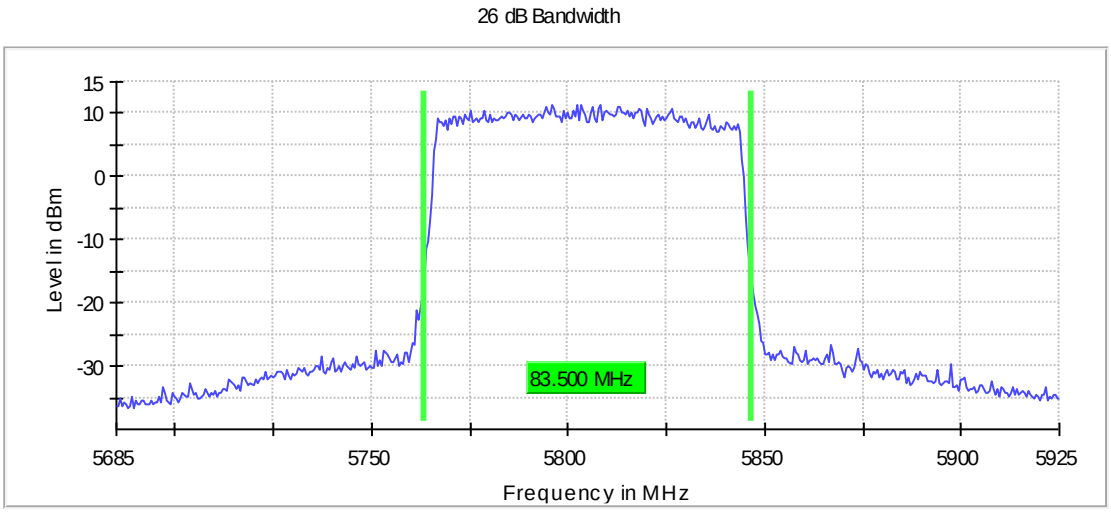


# Emission Bandwidth 26 dB (5805 MHz; 24.000 dBm; 80 MHz)

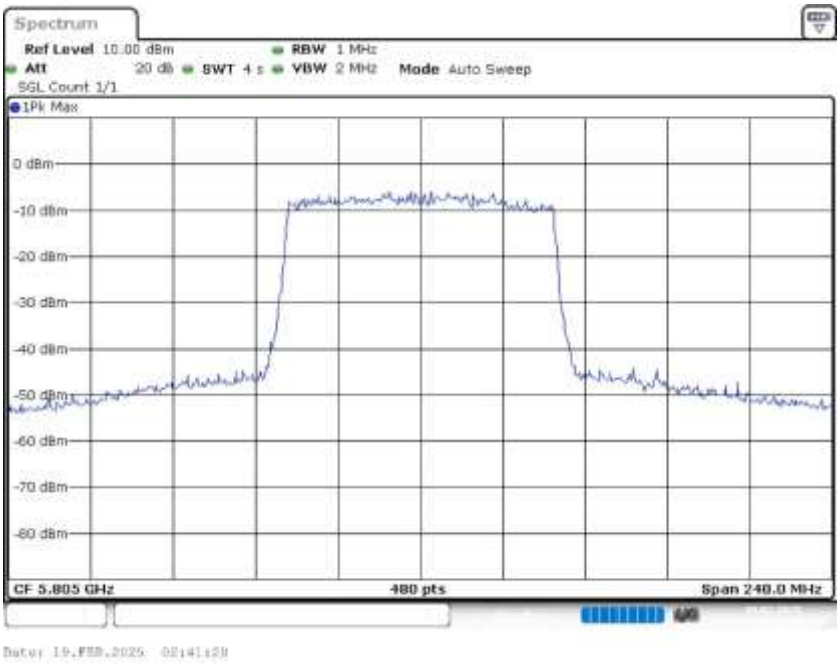
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5805.000000 | 83.500000 | --- | --- | 5763.250000 | 5846.750000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5805.000000 | 11.4 | PASS |




Bandwidth

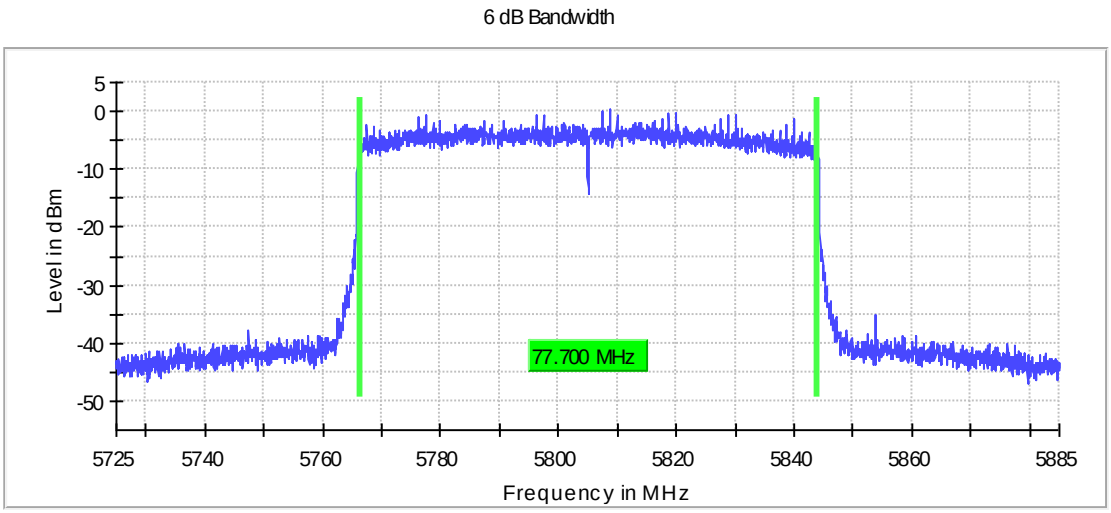



## Minimum Emission Bandwidth 6 dB (5805 MHz; 24.000 dBm; 80 MHz)

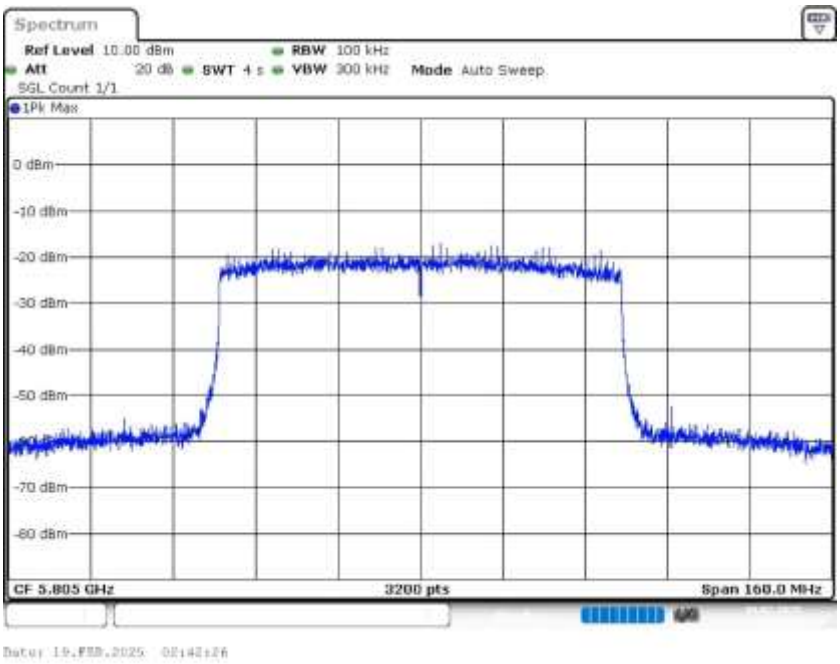
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5805.000000 | 77.700000 | 0.500000 | --- | 5766.275000 | 5843.975000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5805.000000 | 0.2 | PASS |



Bandwidth

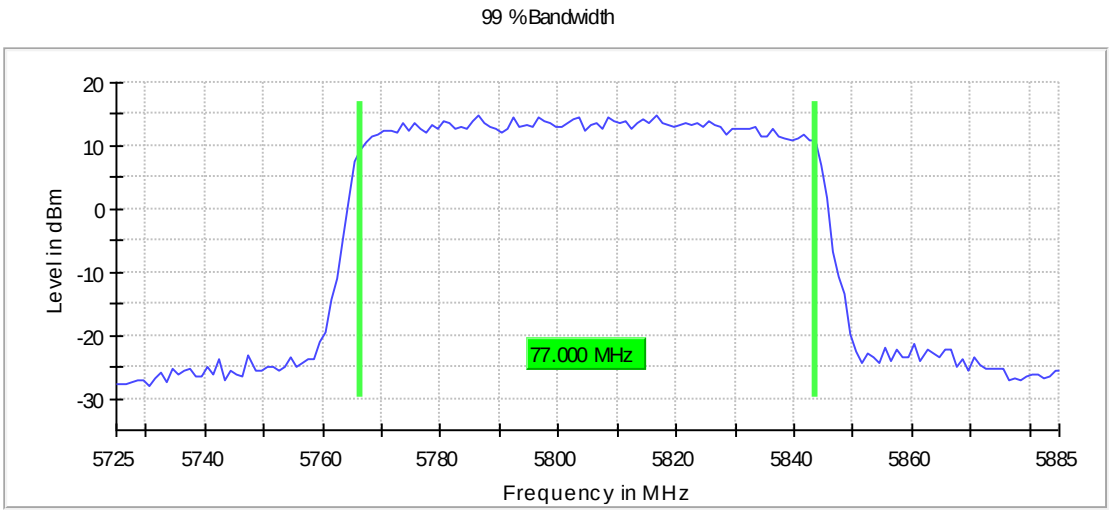



## Occupied Channel Bandwidth 99% (5805 MHz; 24.000 dBm; 80 MHz)

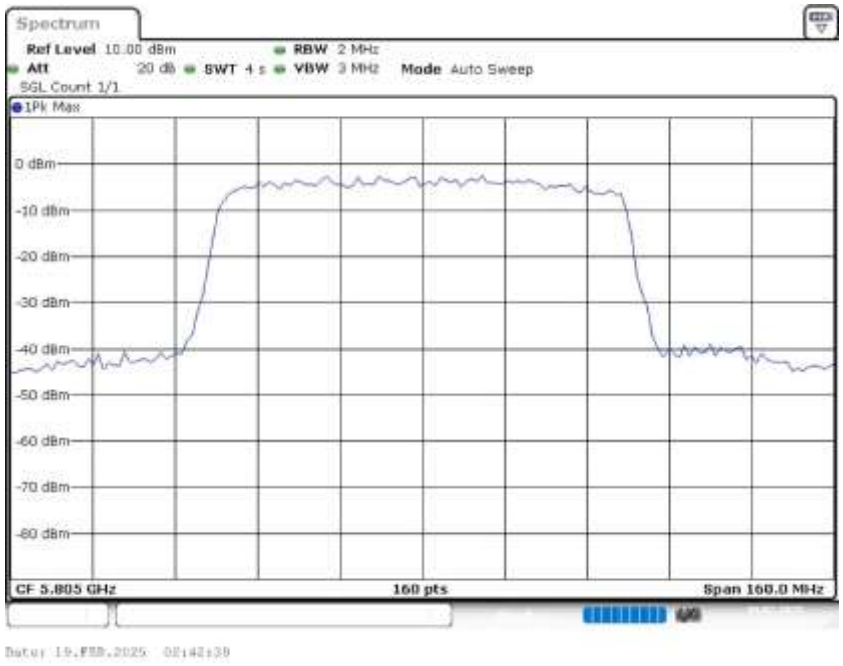
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5805.000000 | 77.000000 | --- | --- | 5766.500000 | 5843.500000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5805.000000 | PASS |




Bandwidth




## Tx Spurious Emission (5805 MHz; 24.000 dBm; 80 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5805.000000 | PASS |

## Final measurements

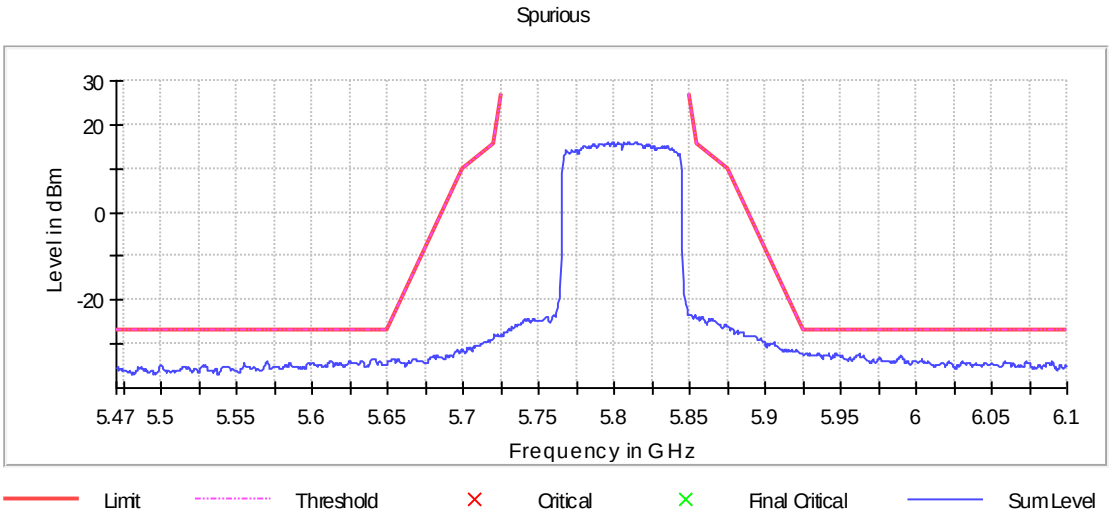
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5927.250000 | -32.1 | 5.1 | -27.0 |
| 5942.250000 | -32.1 | 5.1 | -27.0 |
| 5934.750000 | -32.1 | 5.1 | -27.0 |
| 5935.250000 | -32.2 | 5.2 | -27.0 |
| 5926.750000 | -32.2 | 5.2 | -27.0 |
| 5962.250000 | -32.2 | 5.2 | -27.0 |
| 5946.750000 | -32.2 | 5.2 | -27.0 |
| 5927.750000 | -32.3 | 5.3 | -27.0 |
| 5946.250000 | -32.3 | 5.3 | -27.0 |
| 5929.250000 | -32.3 | 5.3 | -27.0 |
| 5926.250000 | -32.3 | 5.3 | -27.0 |
| 5947.250000 | -32.3 | 5.3 | -27.0 |
| 5928.750000 | -32.4 | 5.4 | -27.0 |
| 5947.750000 | -32.4 | 5.4 | -27.0 |
| 5941.750000 | -32.4 | 5.4 | -27.0 |

## Measurement Settings

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



### 1.1.2 External Antenna

## Summary

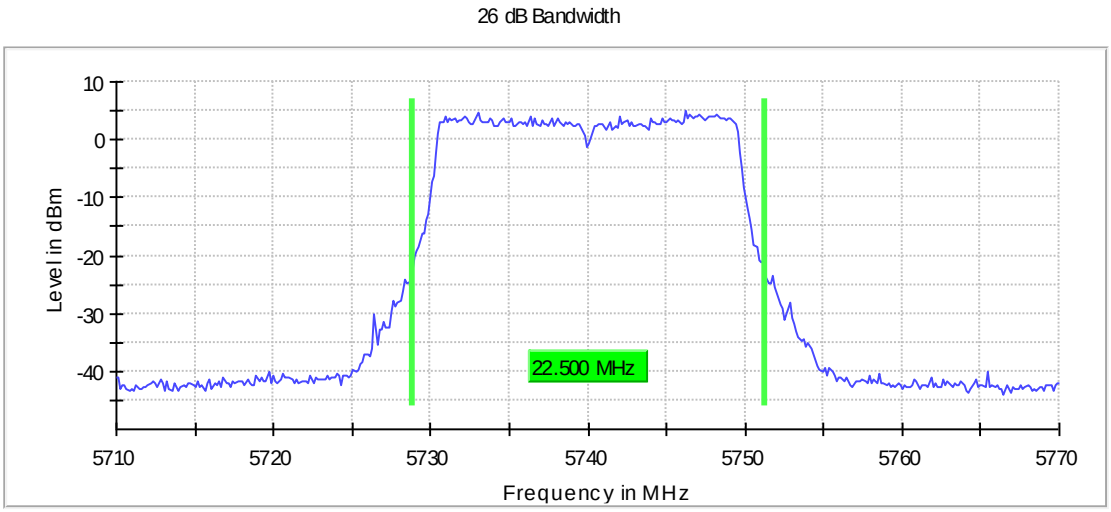
| Test | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|---|---|---|---|---|
| Emission Bandwidth 26 dB | 5740.000 | 24.0 | 20.000000 | PASS |
| RF output power | 5740.000 | 24.0 | 20.000000 | PASS |
| Power Spectral Density | 5740.000 | 24.0 | 20.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5740.000 | 24.0 | 20.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5740.000 | 24.0 | 20.000000 | PASS |
| Tx Spurious Emission | 5740.000 | 24.0 | 20.000000 | PASS |
| Emission Bandwidth 26 dB | 5790.000 | 24.0 | 20.000000 | PASS |
| Power Spectral Density | 5790.000 | 24.0 | 20.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5790.000 | 24.0 | 20.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5790.000 | 24.0 | 20.000000 | PASS |
| Tx Spurious Emission | 5790.000 | 24.0 | 20.000000 | PASS |
| Emission Bandwidth 26 dB | 5835.000 | 24.0 | 20.000000 | PASS |
| Power Spectral Density | 5835.000 | 24.0 | 20.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5835.000 | 24.0 | 20.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5835.000 | 24.0 | 20.000000 | PASS |
| Tx Spurious Emission | 5835.000 | 24.0 | 20.000000 | PASS |
| Emission Bandwidth 26 dB | 5750.000 | 24.0 | 40.000000 | PASS |
| Power Spectral Density | 5750.000 | 24.0 | 40.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5750.000 | 24.0 | 40.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5750.000 | 24.0 | 40.000000 | PASS |
| Tx Spurious Emission | 5750.000 | 24.0 | 40.000000 | PASS |
| Emission Bandwidth 26 dB | 5790.000 | 24.0 | 40.000000 | PASS |
| Power Spectral Density | 5790.000 | 24.0 | 40.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5790.000 | 24.0 | 40.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5790.000 | 24.0 | 40.000000 | PASS |
| Tx Spurious Emission | 5790.000 | 24.0 | 40.000000 | PASS |
| Emission Bandwidth 26 dB | 5825.000 | 24.0 | 40.000000 | PASS |
| Power Spectral Density | 5825.000 | 24.0 | 40.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5825.000 | 24.0 | 40.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5825.000 | 24.0 | 40.000000 | PASS |
| Tx Spurious Emission | 5825.000 | 24.0 | 40.000000 | PASS |
| Emission Bandwidth 26 dB | 5770.000 | 24.0 | 80.000000 | PASS |
| Power Spectral Density | 5770.000 | 24.0 | 80.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5770.000 | 24.0 | 80.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5770.000 | 24.0 | 80.000000 | PASS |
| Tx Spurious Emission | 5770.000 | 24.0 | 80.000000 | PASS |
| Emission Bandwidth 26 dB | 5790.000 | 24.0 | 80.000000 | PASS |
| Power Spectral Density | 5790.000 | 24.0 | 80.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5790.000 | 24.0 | 80.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5790.000 | 24.0 | 80.000000 | PASS |
| Tx Spurious Emission | 5790.000 | 24.0 | 80.000000 | PASS |
| Emission Bandwidth 26 dB | 5805.000 | 24.0 | 80.000000 | PASS |
| Power Spectral Density | 5805.000 | 24.0 | 80.000000 | PASS |
| Minimum Emission Bandwidth 6 dB | 5805.000 | 24.0 | 80.000000 | PASS |
| Occupied Channel Bandwidth 99% | 5805.000 | 24.0 | 80.000000 | PASS |
| Tx Spurious Emission | 5805.000 | 24.0 | 80.000000 | PASS |

# Emission Bandwidth 26 dB (5740 MHz; 24.000 dBm; 20 MHz)

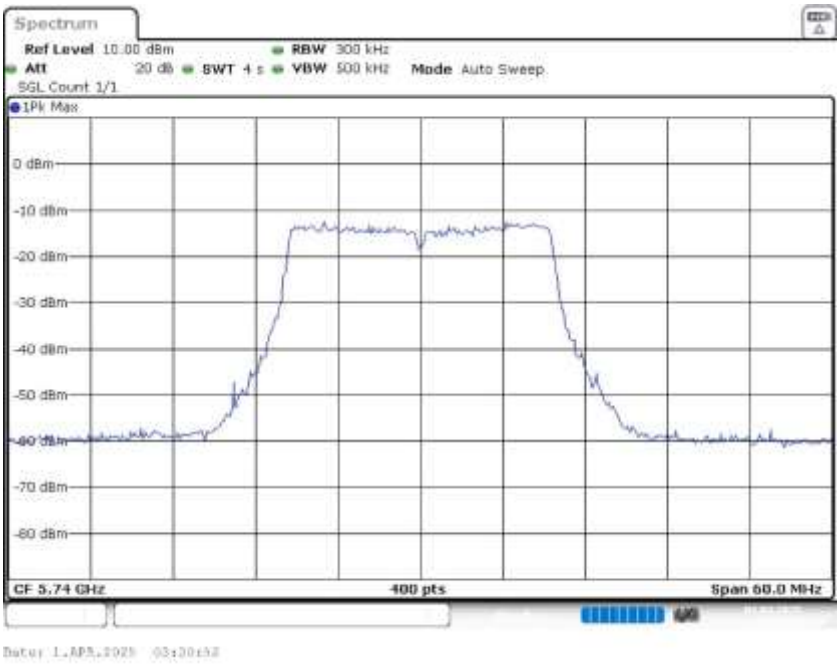
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5740.000000 | 22.500000 | --- | --- | 5728.825000 | 5751.325000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5740.000000 | 4.9 | PASS |




Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.71000 GHz | 5.71000 GHz |
| Stop Frequency | 5.77000 GHz | 5.77000 GHz |
| Span | 60.000 MHz | 60.000 MHz |
| RBW | 300.000 kHz | ~ 333.333 kHz |
| VBW | 500.000 kHz | >= 360.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

# RF output power (5740 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Gated RMS (dBm) | Limit Max (dBm) | Gated EIRP (dBm) | DutyCycle (%) | Result |
|---|---|---|---|---|---|
| 5740.000000 | 15.9 | 30.0 | 15.9 | 85.950 | PASS |

## OSP PowerMeter settings

| Setting | Instrument Value | Target Value |
|---|---|---|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 µs | 1.000 µs |

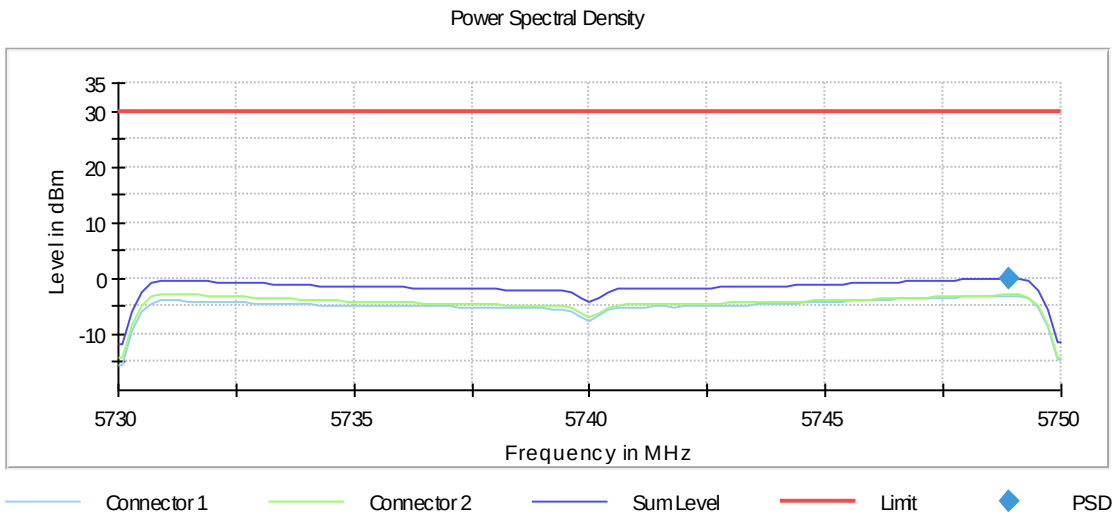
# Power Spectral Density (5740 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5740.000000 | 5748.910891 | -0.021 | 30.0 | PASS |

## Ports

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




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.73000 GHz | 5.73000 GHz |
| Stop Frequency | 5.75000 GHz | 5.75000 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 | 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 | FFT | AUTO |
| Preamp | off | off |

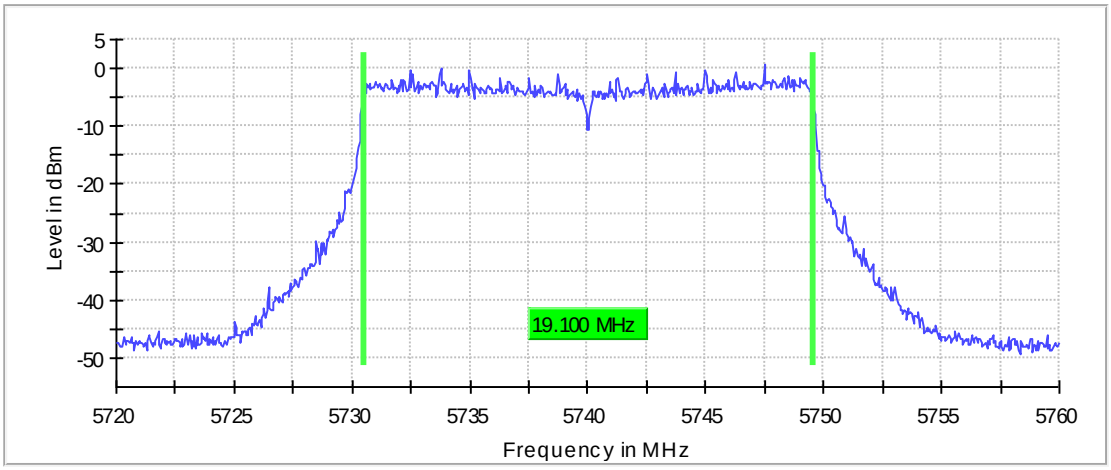
# Minimum Emission Bandwidth 6 dB (5740 MHz; 24.000 dBm; 20 MHz)

## 6 dB Bandwidth

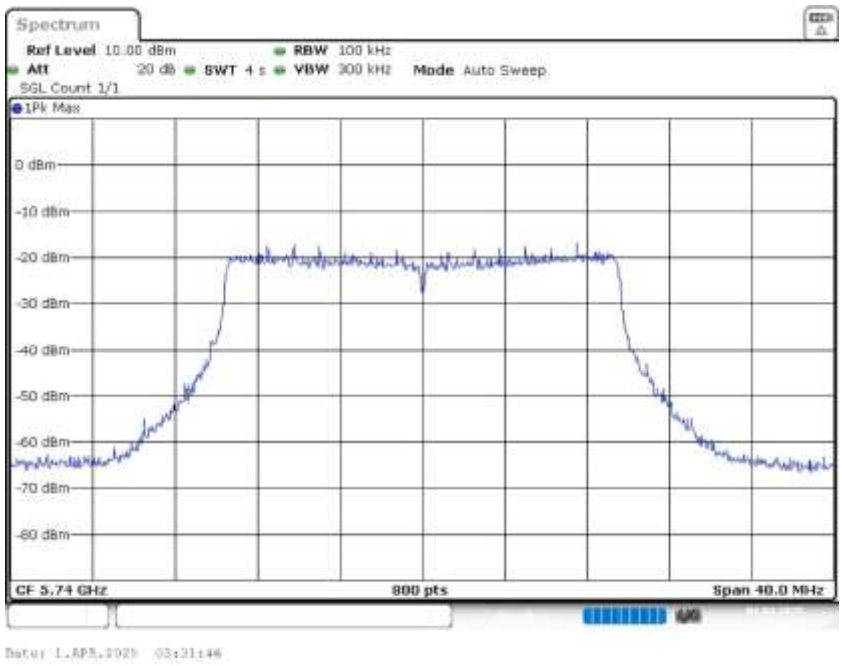
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5740.000000 | 19.100000 | 0.500000 | --- | 5730.475000 | 5749.575000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5740.000000 | 0.5 | PASS |

6 dB Bandwidth




Bandwidth



## Measurement

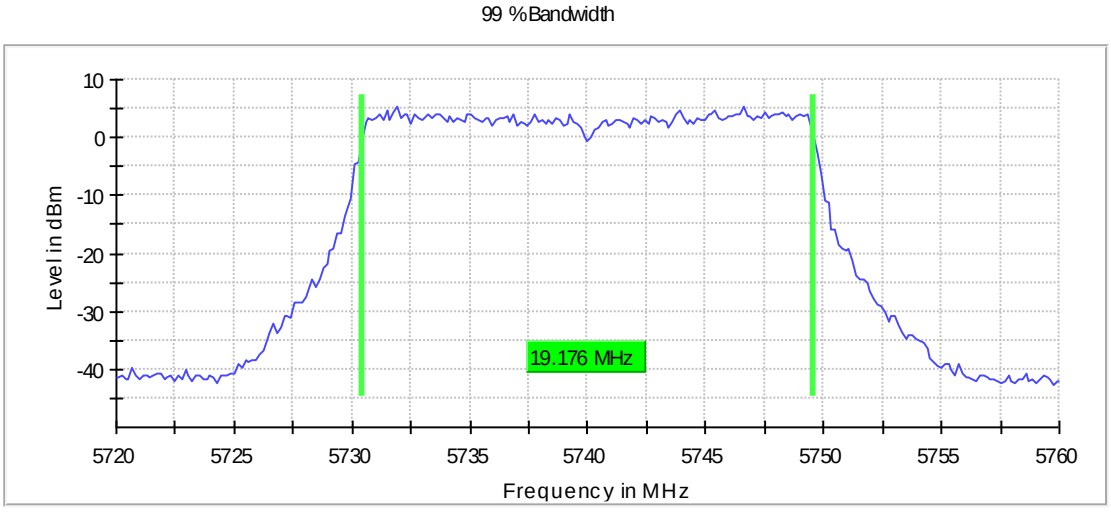
| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.72000 GHz | 5.72000 GHz |
| Stop Frequency | 5.76000 GHz | 5.76000 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 800 | ~ 800 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## Occupied Channel Bandwidth 99% (5740 MHz; 24.000 dBm; 20 MHz)

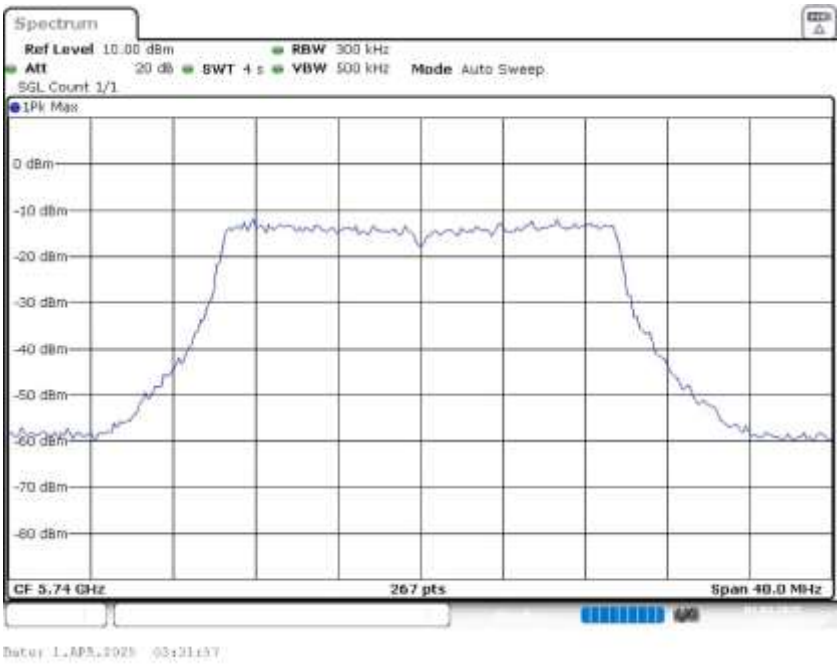
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5740.000000 | 19.176030 | --- | --- | 5730.411985 | 5749.588015 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5740.000000 | PASS |




Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.72000 GHz | 5.72000 GHz |
| Stop Frequency | 5.76000 GHz | 5.76000 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 300.000 kHz | >= 250.000 kHz |
| VBW | 500.000 kHz | >= 360.000 kHz |
| SweepPoints | 267 | ~ 267 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## Tx Spurious Emission (5740 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5740.000000 | PASS |

## Final measurements

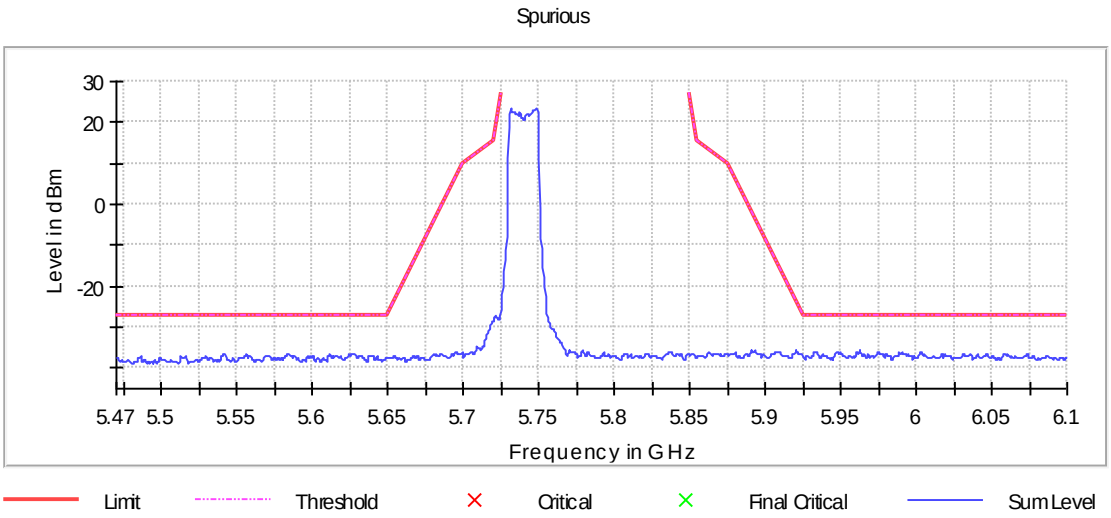
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5962.750000 | -35.8 | 8.8 | -27.0 |
| 5932.750000 | -36.0 | 9.0 | -27.0 |
| 5974.750000 | -36.0 | 9.0 | -27.0 |
| 5963.250000 | -36.1 | 9.1 | -27.0 |
| 5960.750000 | -36.1 | 9.1 | -27.0 |
| 5960.250000 | -36.1 | 9.1 | -27.0 |
| 6003.250000 | -36.2 | 9.2 | -27.0 |
| 5975.250000 | -36.2 | 9.2 | -27.0 |
| 5934.250000 | -36.2 | 9.2 | -27.0 |
| 5932.250000 | -36.2 | 9.2 | -27.0 |
| 5949.750000 | -36.2 | 9.2 | -27.0 |
| 6002.750000 | -36.2 | 9.2 | -27.0 |
| 5947.750000 | -36.2 | 9.2 | -27.0 |
| 5948.250000 | -36.2 | 9.2 | -27.0 |
| 5990.750000 | -36.2 | 9.2 | -27.0 |

## Measurement Settings

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




## Pre Measurement 2

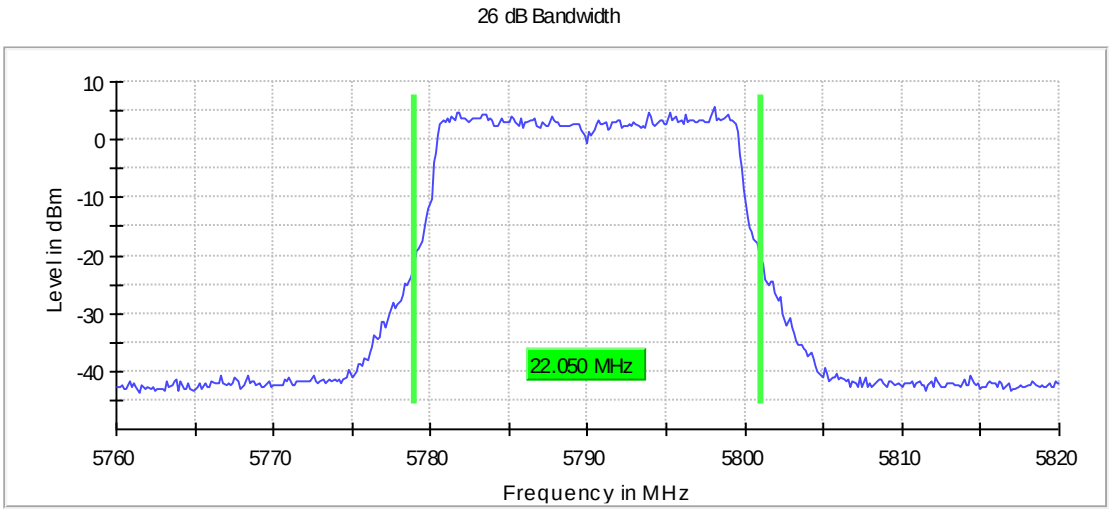
| Setting | Instrument Value | Target Value |
|---|---|---|
| RBW | 1.000 MHz | <= 1.000 MHz |
| VBW | 3.000 MHz | >= 3.000 MHz |
| SweepPoints | 1260 | ~ 1260 |
| Sweeptime | 85.781 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 20.000 dB | 0.000 dB |
| Detector | RMS | RMS |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Average Power | Average Power |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |

# Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 20 MHz)

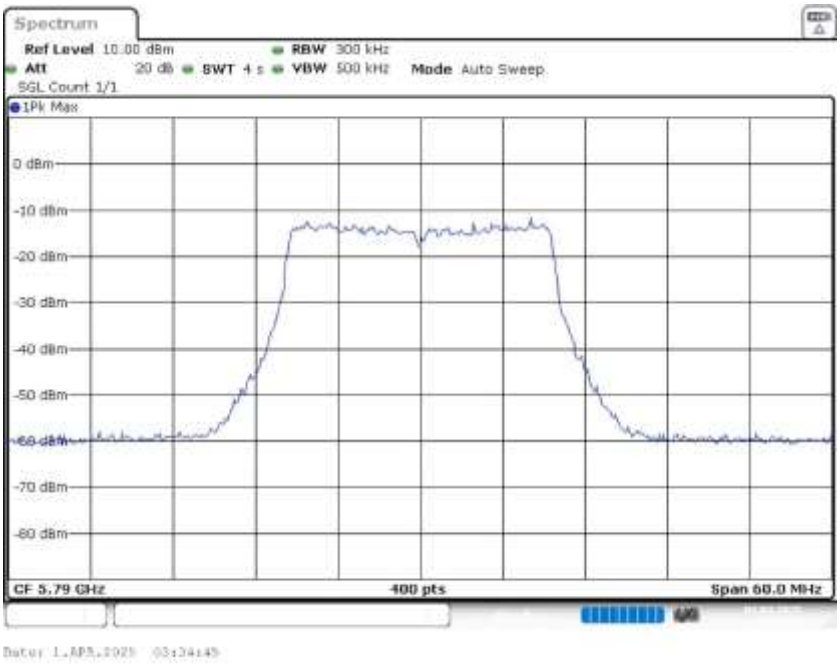
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 22.050000 | --- | --- | 5778.975000 | 5801.025000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 5.7 | PASS |




Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.76000 GHz | 5.76000 GHz |
| Stop Frequency | 5.82000 GHz | 5.82000 GHz |
| Span | 60.000 MHz | 60.000 MHz |
| RBW | 300.000 kHz | ~ 333.333 kHz |
| VBW | 500.000 kHz | >= 360.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

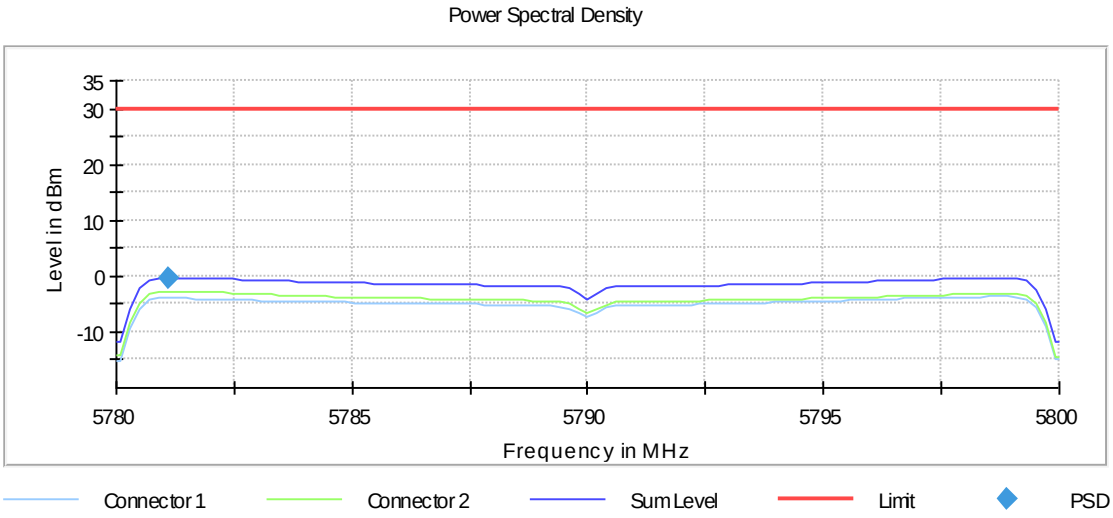
## Power Spectral Density (5790 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5790.000000 | 5781.089109 | -0.236 | 30.0 | PASS |

## Ports

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

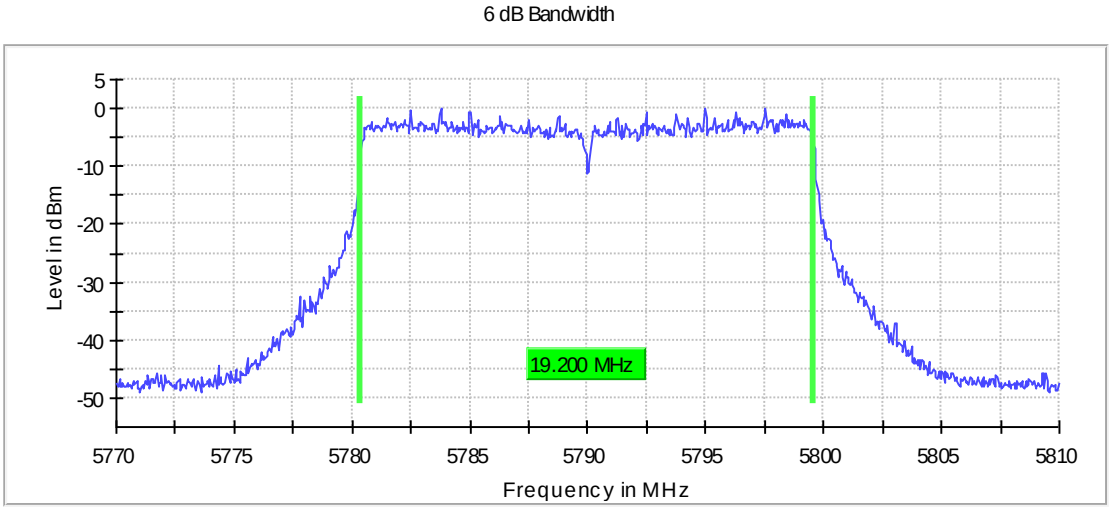



# Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 20 MHz)

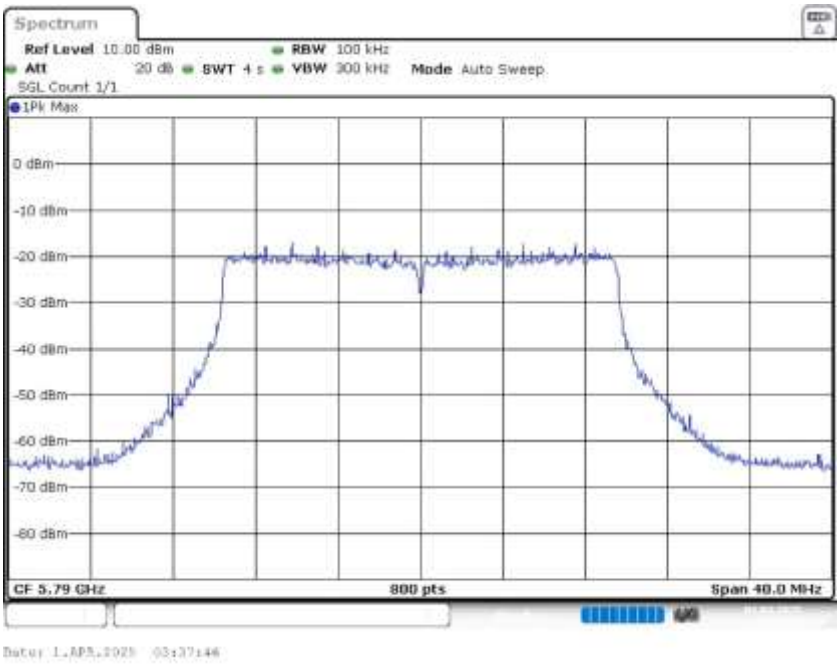
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 19.200000 | 0.500000 | --- | 5780.375000 | 5799.575000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 0.2 | PASS |




Bandwidth

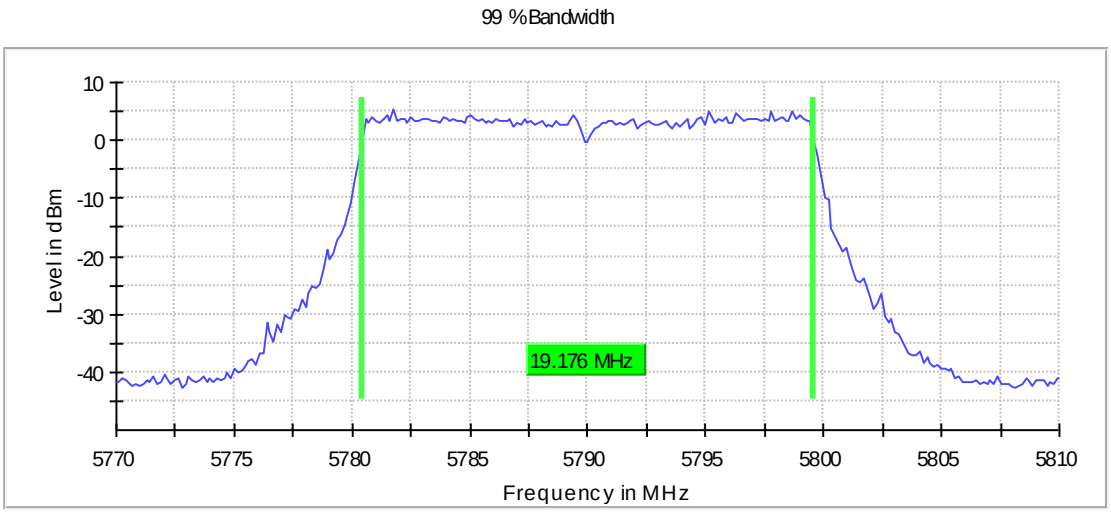



## Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 20 MHz)

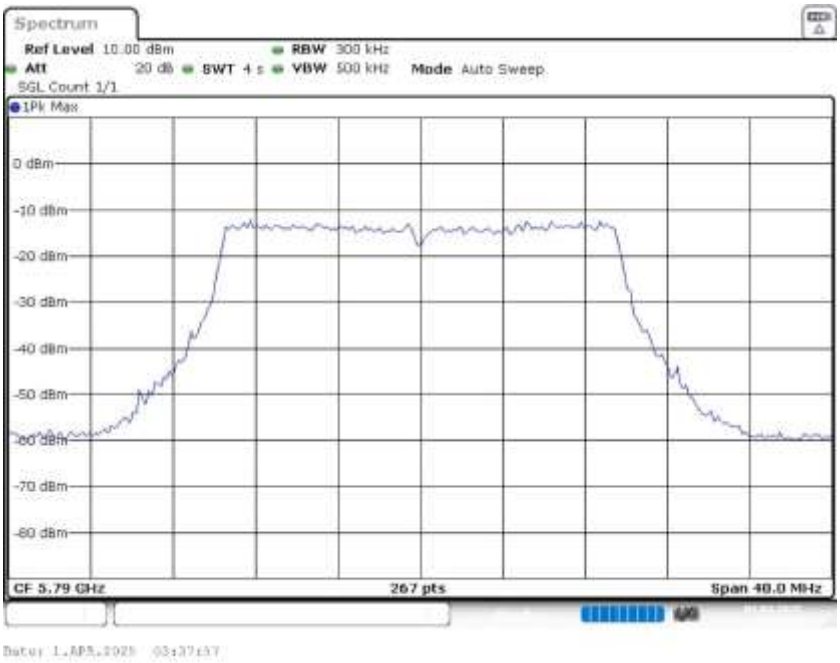
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 19.176030 | --- | --- | 5780.411985 | 5799.588015 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |



Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.77000 GHz | 5.77000 GHz |
| Stop Frequency | 5.81000 GHz | 5.81000 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 300.000 kHz | >= 250.000 kHz |
| VBW | 500.000 kHz | >= 360.000 kHz |
| SweepPoints | 267 | ~ 267 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## Tx Spurious Emission (5790 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |

## Final measurements

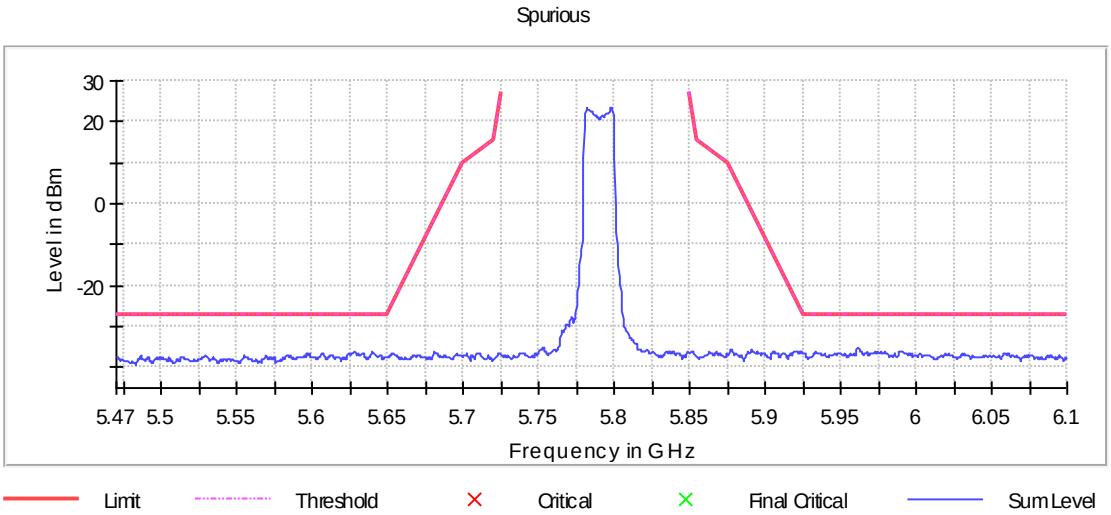
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5961.250000 | -35.2 | 8.2 | -27.0 |
| 5961.750000 | -35.3 | 8.3 | -27.0 |
| 5960.750000 | -35.7 | 8.7 | -27.0 |
| 5962.250000 | -35.8 | 8.8 | -27.0 |
| 5990.750000 | -36.0 | 9.0 | -27.0 |
| 5990.250000 | -36.0 | 9.0 | -27.0 |
| 5989.250000 | -36.1 | 9.1 | -27.0 |
| 5627.750000 | -36.1 | 9.1 | -27.0 |
| 5974.250000 | -36.1 | 9.1 | -27.0 |
| 5989.750000 | -36.1 | 9.1 | -27.0 |
| 5933.250000 | -36.1 | 9.1 | -27.0 |
| 5988.750000 | -36.2 | 9.2 | -27.0 |
| 5963.250000 | -36.2 | 9.2 | -27.0 |
| 5963.750000 | -36.2 | 9.2 | -27.0 |
| 5933.750000 | -36.3 | 9.3 | -27.0 |

## Measurement Settings

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



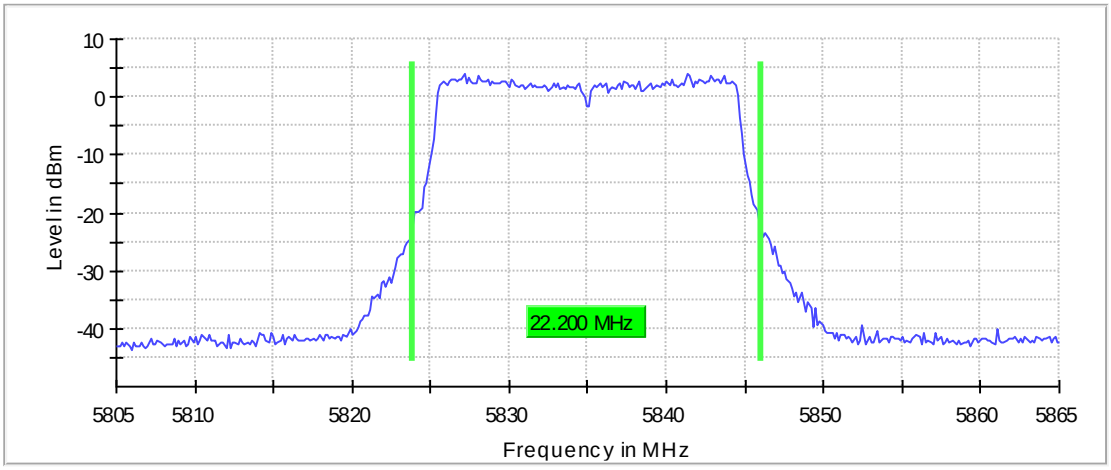

## Emission Bandwidth 26 dB (5835 MHz; 24.000 dBm; 20 MHz)

## 26 dB Bandwidth

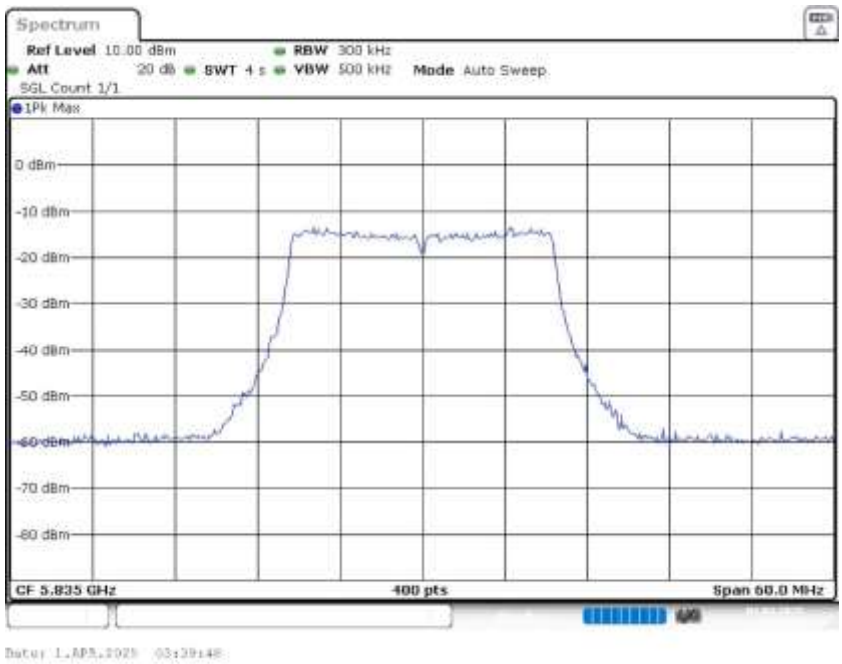
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5835.000000 | 22.200000 | --- | --- | 5823.825000 | 5846.025000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5835.000000 | 4.0 | PASS |

26 dB Bandwidth




Bandwidth




# Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.80500 GHz | 5.80500 GHz |
| Stop Frequency | 5.86500 GHz | 5.86500 GHz |

| | | |
|---|---|---|
| Span | 60.000 MHz | 60.000 MHz |
| RBW | 300.000 kHz | ~ 333.333 kHz |
| VBW | 500.000 kHz | >= 360.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

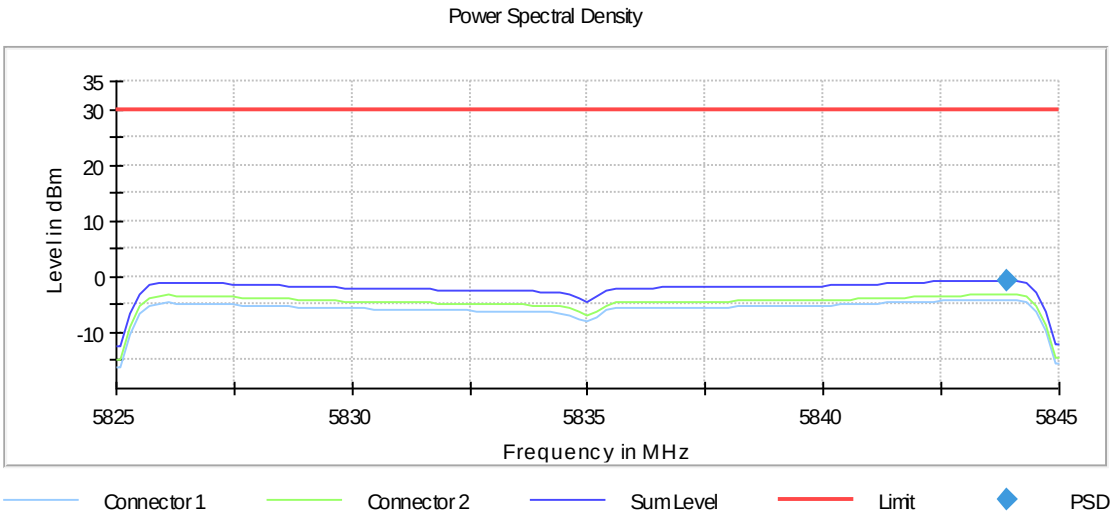
## Power Spectral Density (5835 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5835.000000 | 5843.910891 | -0.623 | 30.0 | PASS |

## Ports

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



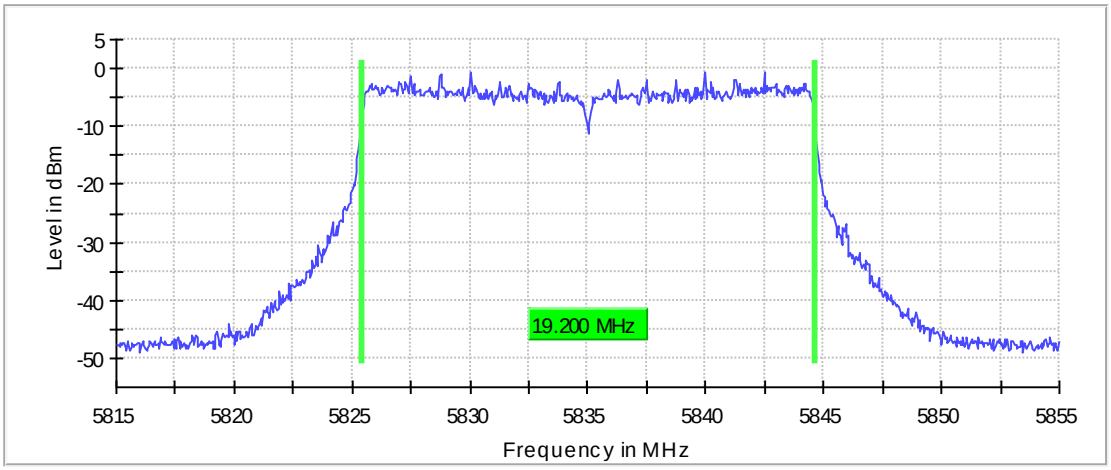

## Minimum Emission Bandwidth 6 dB (5835 MHz; 24.000 dBm; 20 MHz)

## 6 dB Bandwidth

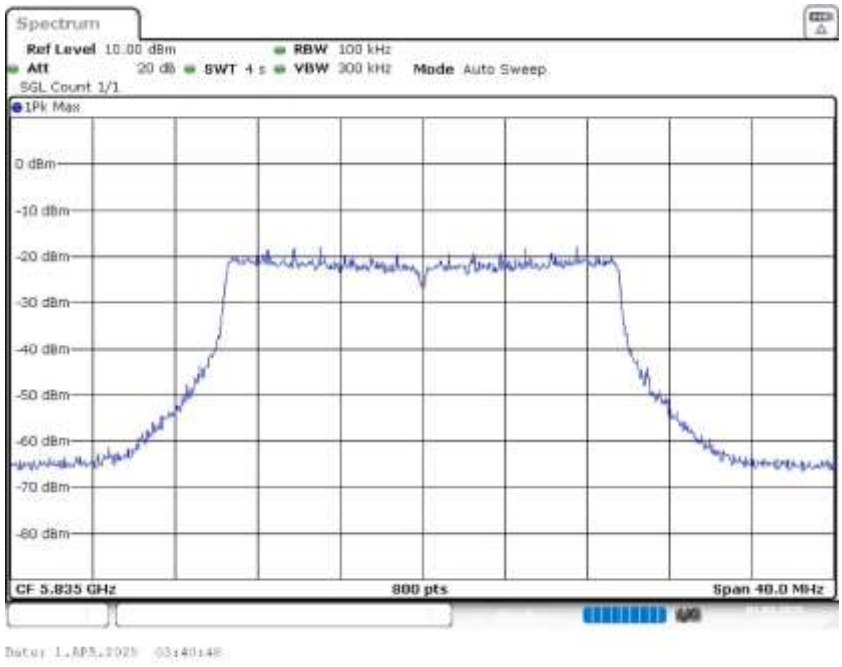
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5835.000000 | 19.200000 | 0.500000 | --- | 5825.425000 | 5844.625000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5835.000000 | -0.5 | PASS |

6 dB Bandwidth




Bandwidth



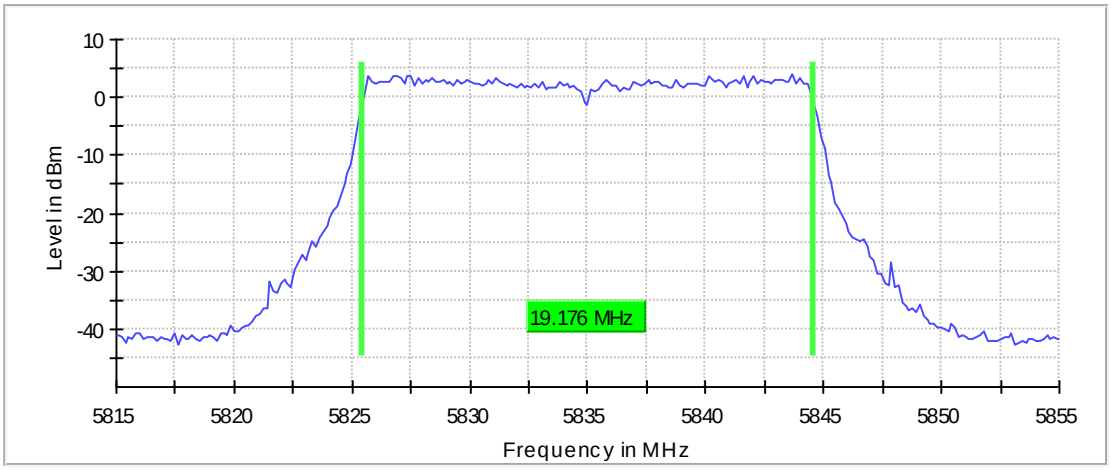

## Occupied Channel Bandwidth 99% (5835 MHz; 24.000 dBm; 20 MHz)

## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5835.000000 | 19.176030 | --- | --- | 5825.411985 | 5844.588015 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5835.000000 | PASS |

99 %Bandwidth




Bandwidth

## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.81500 GHz | 5.81500 GHz |
| Stop Frequency | 5.85500 GHz | 5.85500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 300.000 kHz | >= 250.000 kHz |
| VBW | 500.000 kHz | >= 360.000 kHz |
| SweepPoints | 267 | ~ 267 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

# Tx Spurious Emission (5835 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5835.000000 | PASS |

## Final measurements

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

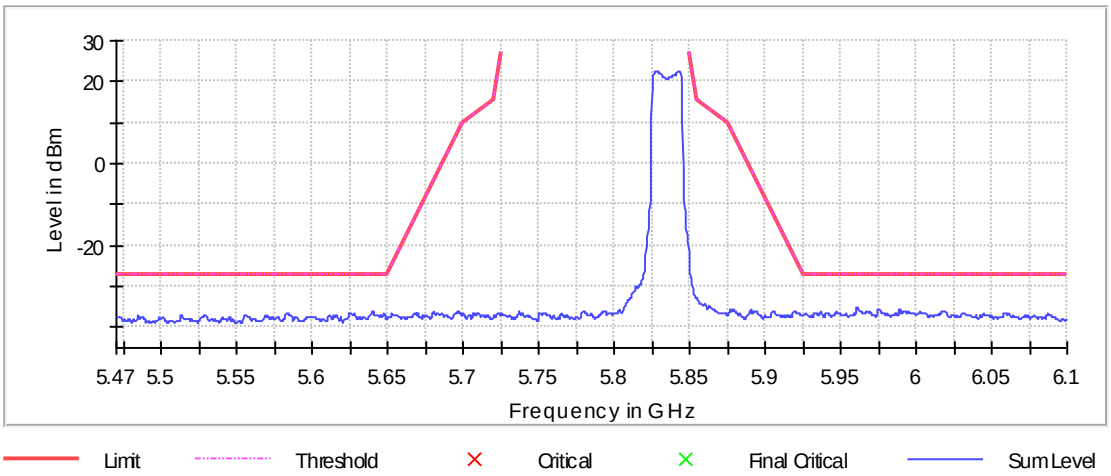
## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5961.250000 | -35.1 | 8.1 | -27.0 |
| 5960.750000 | -35.4 | 8.4 | -27.0 |
| 5961.750000 | -35.4 | 8.4 | -27.0 |
| 5988.750000 | -35.6 | 8.6 | -27.0 |
| 5975.250000 | -35.6 | 8.6 | -27.0 |
| 5974.750000 | -35.7 | 8.7 | -27.0 |
| 5989.250000 | -35.8 | 8.8 | -27.0 |
| 5975.750000 | -35.8 | 8.8 | -27.0 |
| 5967.750000 | -35.9 | 8.9 | -27.0 |
| 5963.250000 | -35.9 | 8.9 | -27.0 |
| 5976.250000 | -36.0 | 9.0 | -27.0 |
| 5963.750000 | -36.0 | 9.0 | -27.0 |
| 5988.250000 | -36.0 | 9.0 | -27.0 |
| 6018.750000 | -36.0 | 9.0 | -27.0 |
| 5962.250000 | -36.1 | 9.1 | -27.0 |

## Measurement Settings

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

Spurious



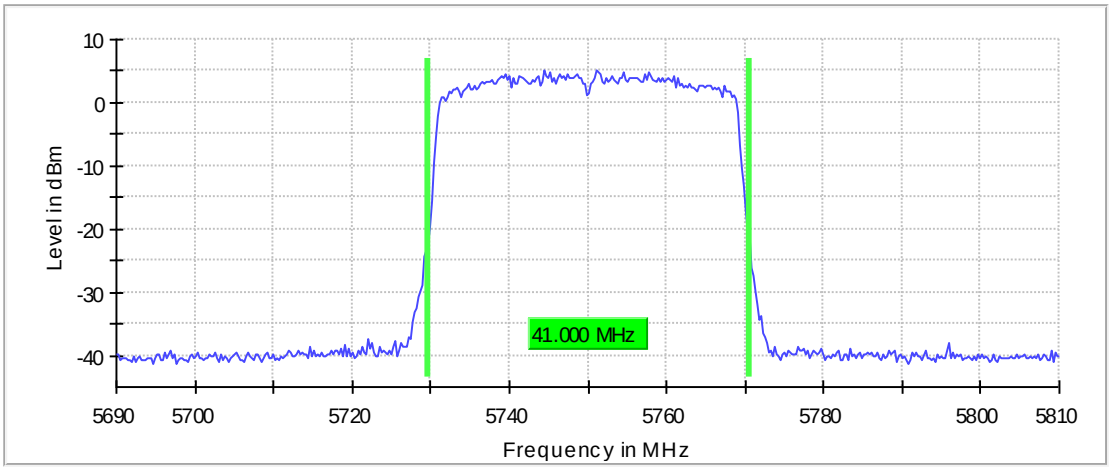

# Emission Bandwidth 26 dB (5750 MHz; 24.000 dBm; 40 MHz)

## 26 dB Bandwidth

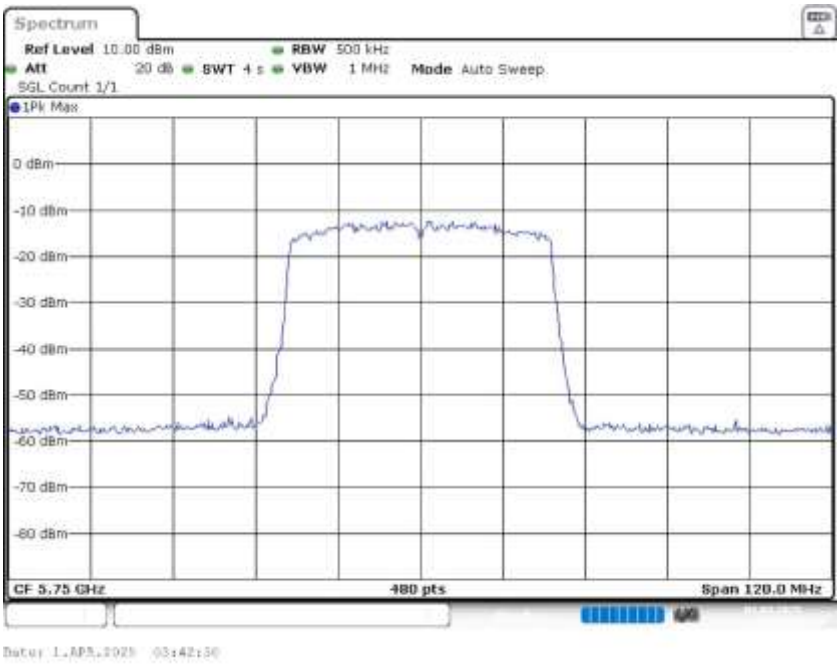
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5750.000000 | 41.000000 | --- | --- | 5729.625000 | 5770.625000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5750.000000 | 5.0 | PASS |

26 dB Bandwidth




Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.69000 GHz | 5.69000 GHz |
| Stop Frequency | 5.81000 GHz | 5.81000 GHz |
| Span | 120.000 MHz | 120.000 MHz |
| RBW | 500.000 kHz | ~ 666.667 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 480 | ~ 480 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

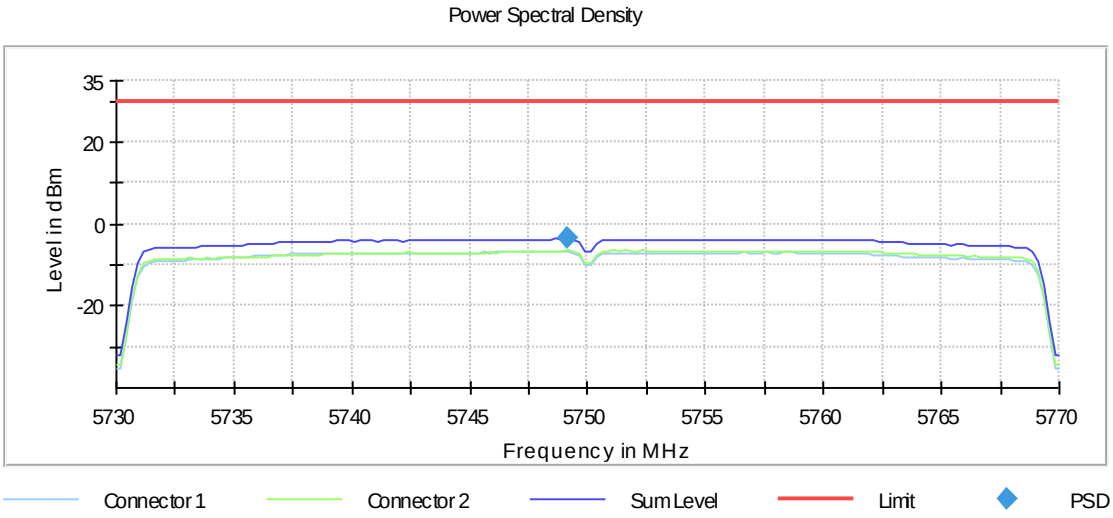
## Power Spectral Density (5750 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5750.000000 | 5749.125000 | -3.638 | 30.0 | PASS |

## Ports

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

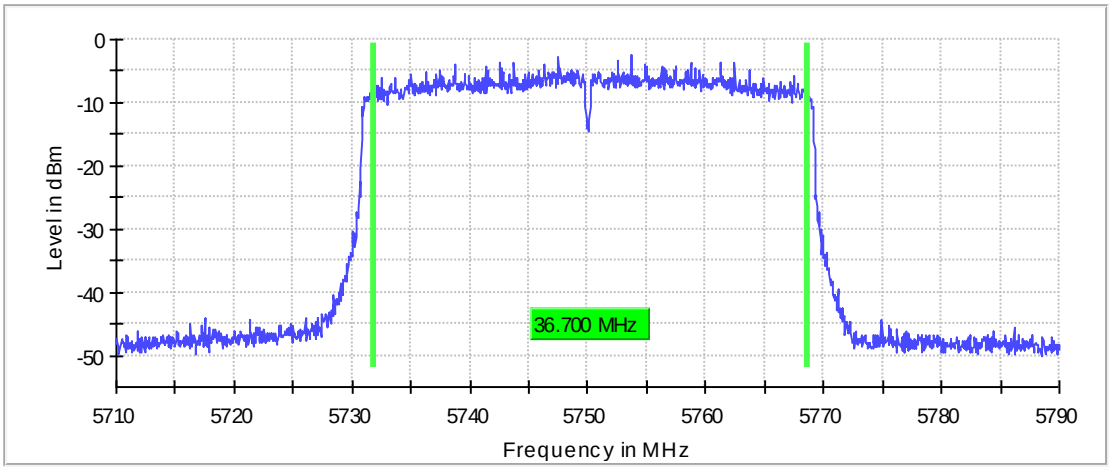



# Minimum Emission Bandwidth 6 dB (5750 MHz; 24.000 dBm; 40 MHz)

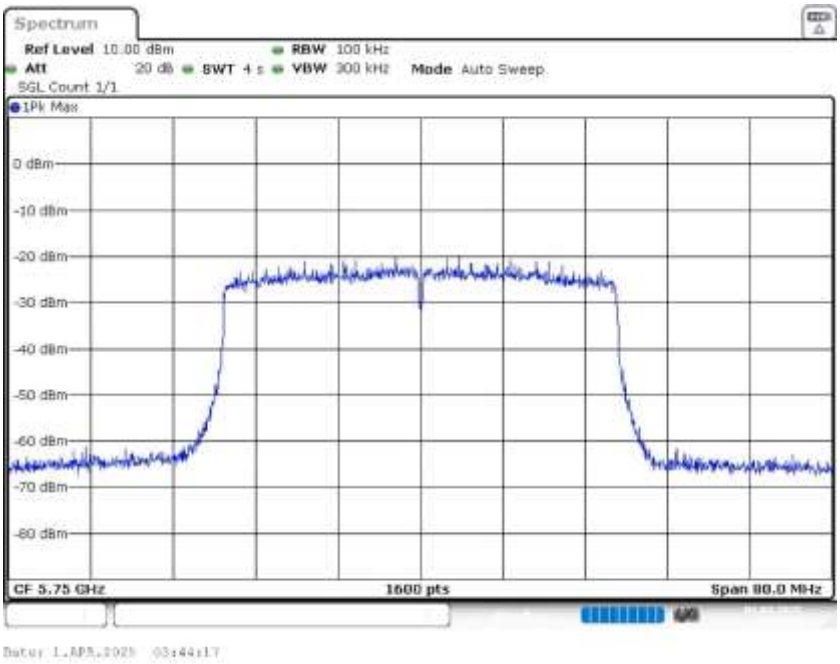
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5750.000000 | 36.700000 | 0.500000 | --- | 5731.925000 | 5768.625000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5750.000000 | -2.5 | PASS |




Bandwidth

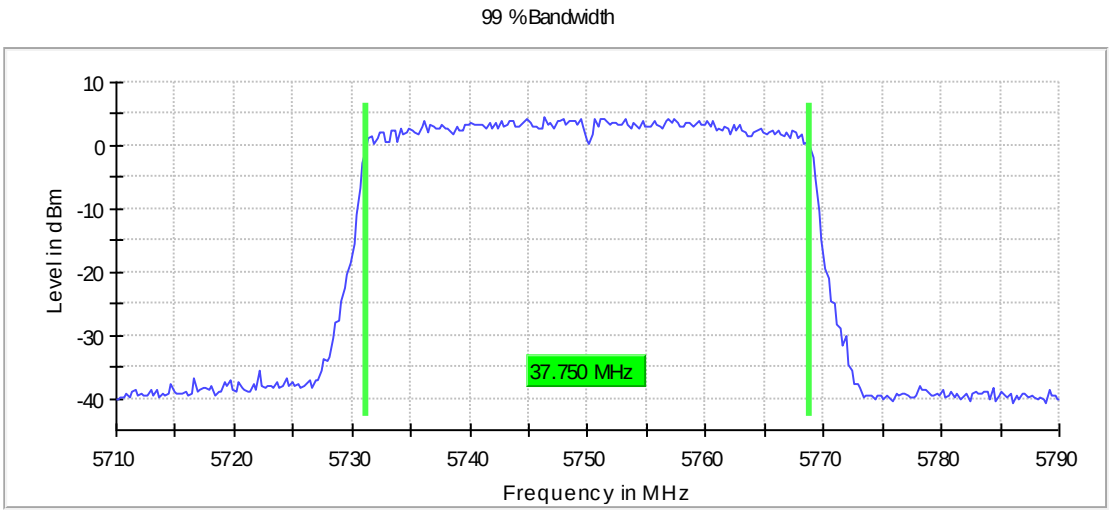



## Occupied Channel Bandwidth 99% (5750 MHz; 24.000 dBm; 40 MHz)

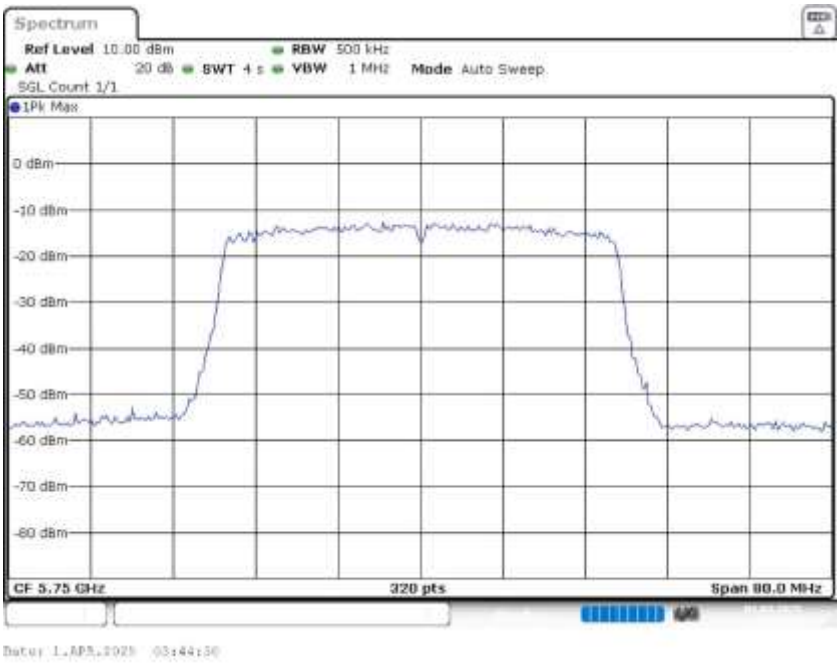
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5750.000000 | 37.750000 | --- | --- | 5731.125000 | 5768.875000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5750.000000 | PASS |



Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.71000 GHz | 5.71000 GHz |
| Stop Frequency | 5.79000 GHz | 5.79000 GHz |
| Span | 80.000 MHz | 80.000 MHz |
| RBW | 500.000 kHz | >= 500.000 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 320 | ~ 320 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## Tx Spurious Emission (5750 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5750.000000 | PASS |

## Final measurements

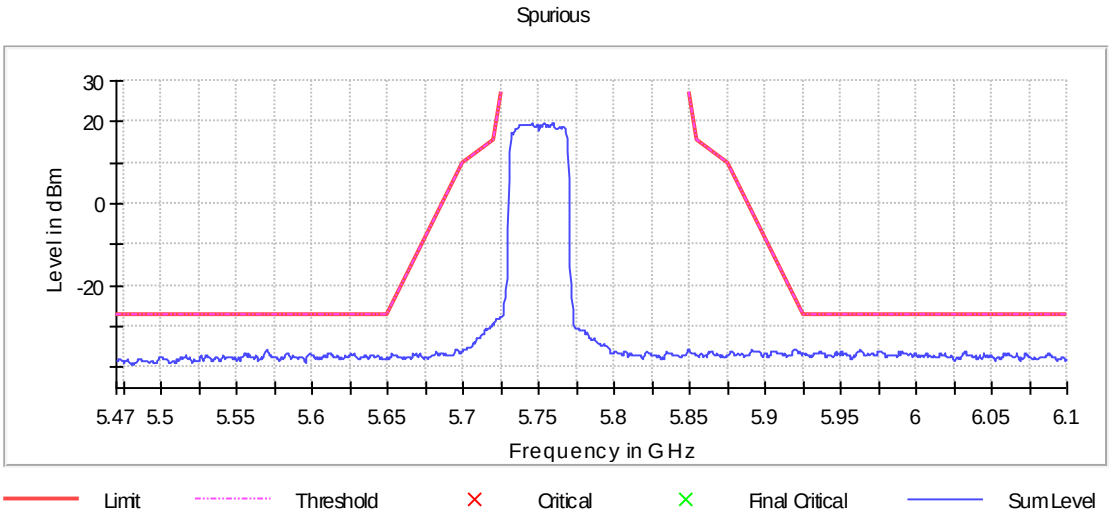
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5963.250000 | -35.7 | 8.7 | -27.0 |
| 5569.750000 | -35.8 | 8.8 | -27.0 |
| 5976.750000 | -35.9 | 8.9 | -27.0 |
| 5990.250000 | -35.9 | 8.9 | -27.0 |
| 5962.750000 | -35.9 | 8.9 | -27.0 |
| 5963.750000 | -35.9 | 8.9 | -27.0 |
| 5990.750000 | -35.9 | 8.9 | -27.0 |
| 5569.250000 | -35.9 | 8.9 | -27.0 |
| 5568.750000 | -35.9 | 8.9 | -27.0 |
| 5976.250000 | -36.0 | 9.0 | -27.0 |
| 5975.750000 | -36.0 | 9.0 | -27.0 |
| 5975.250000 | -36.0 | 9.0 | -27.0 |
| 5570.250000 | -36.0 | 9.0 | -27.0 |
| 5977.250000 | -36.0 | 9.0 | -27.0 |
| 5962.250000 | -36.1 | 9.1 | -27.0 |

## Measurement Settings

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



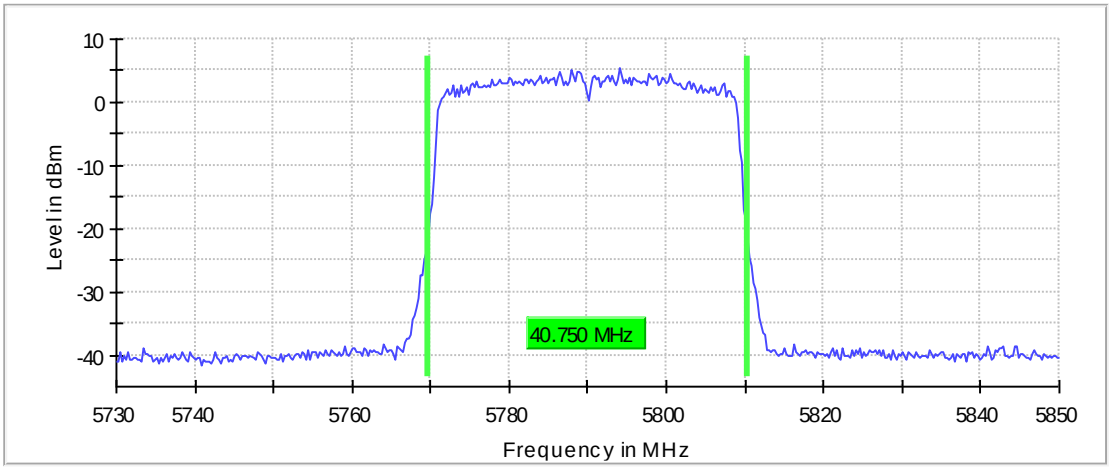

## Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 40 MHz)

## 26 dB Bandwidth

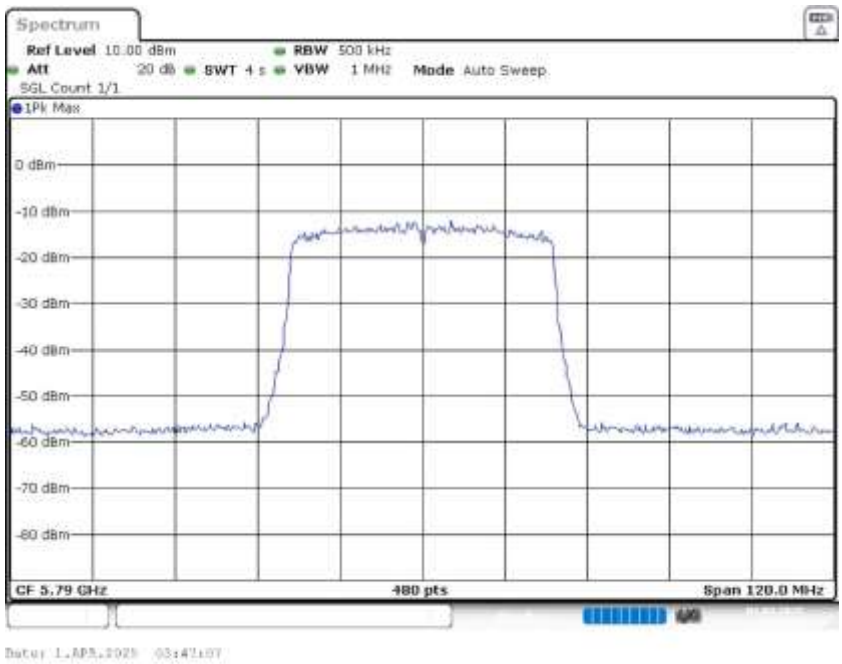
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 40.750000 | --- | --- | 5769.625000 | 5810.375000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 5.3 | PASS |

26 dB Bandwidth




Bandwidth




# Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.73000 GHz | 5.73000 GHz |
| Stop Frequency | 5.85000 GHz | 5.85000 GHz |

| | | |
|---|---|---|
| Span | 120.000 MHz | 120.000 MHz |
| RBW | 500.000 kHz | ~ 666.667 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 480 | ~ 480 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## Power Spectral Density (5790 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5790.000000 | 5789.125000 | -3.571 | 30.0 | PASS |

## Ports

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

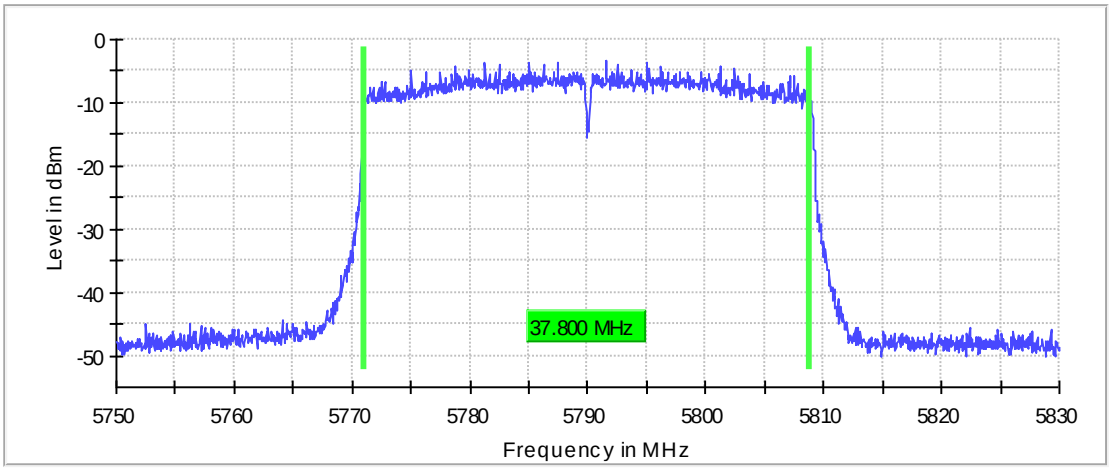

## Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 40 MHz)

## 6 dB Bandwidth

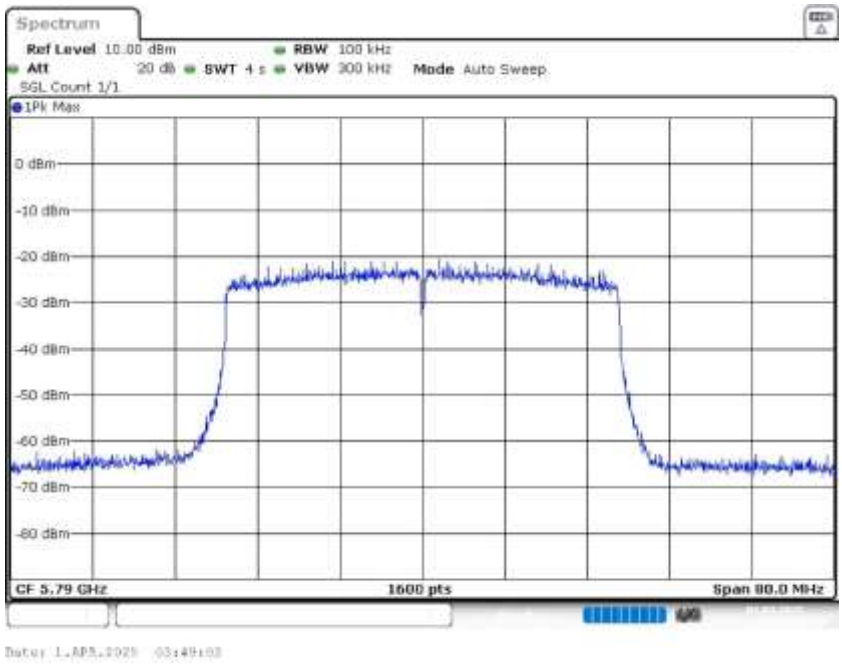
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 37.800000 | 0.500000 | --- | 5771.025000 | 5808.825000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | -3.3 | PASS |

6 dB Bandwidth




Bandwidth



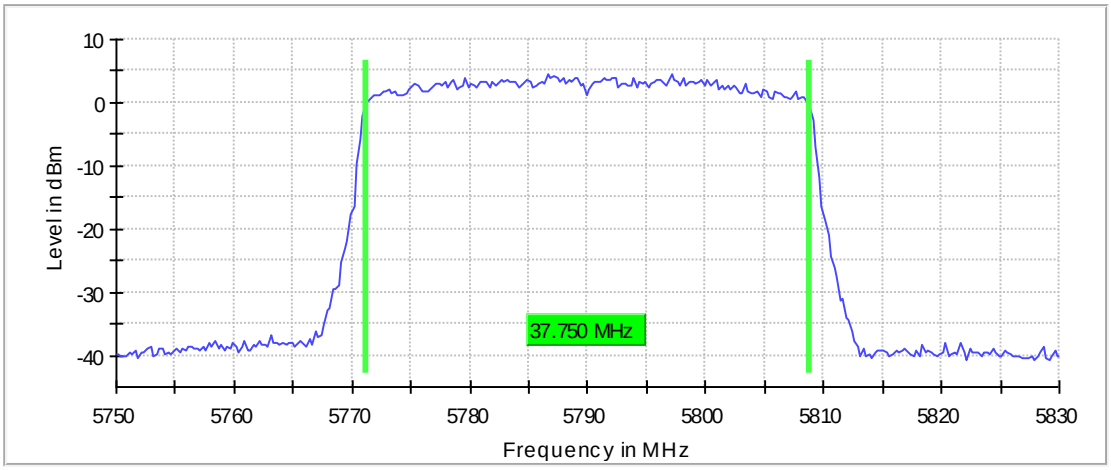

## Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 40 MHz)

## 99 % Bandwidth

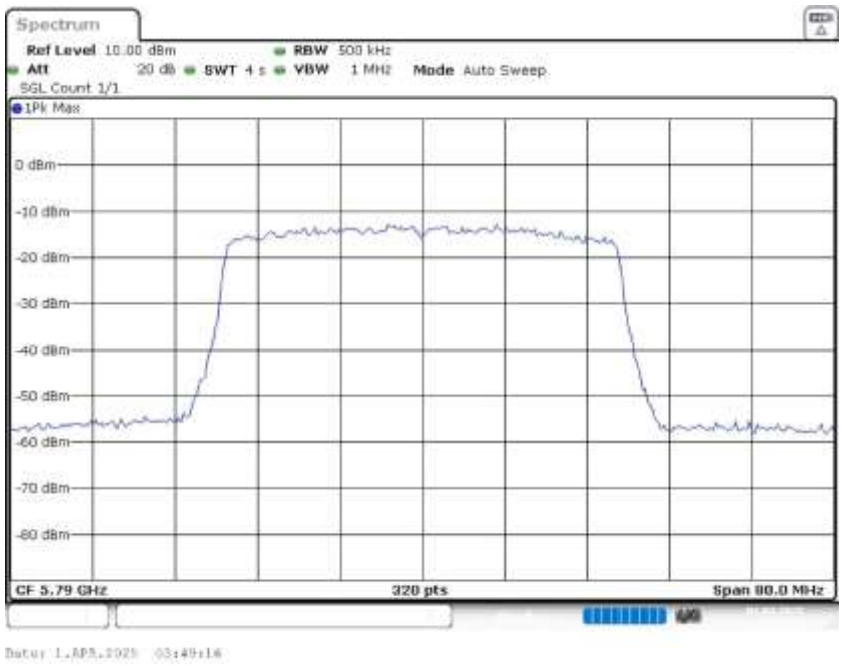
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 37.750000 | --- | --- | 5771.125000 | 5808.875000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |

99 %Bandwidth




Bandwidth



## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.75000 GHz | 5.75000 GHz |
| Stop Frequency | 5.83000 GHz | 5.83000 GHz |
| Span | 80.000 MHz | 80.000 MHz |
| RBW | 500.000 kHz | >= 500.000 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 320 | ~ 320 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

# Tx Spurious Emission (5790 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |

## Final measurements

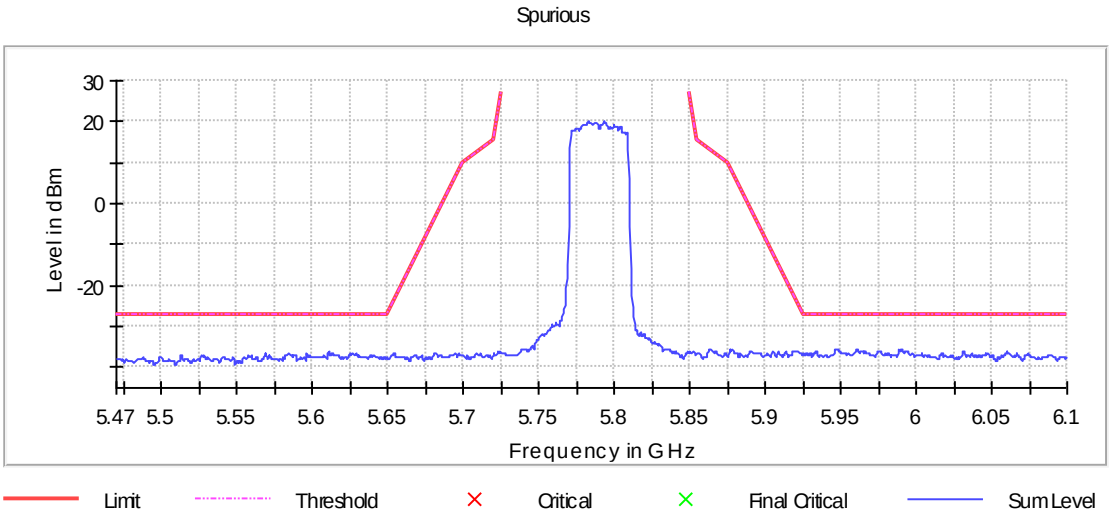
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5990.250000 | -35.6 | 8.6 | -27.0 |
| 5989.750000 | -35.6 | 8.6 | -27.0 |
| 5947.750000 | -35.7 | 8.7 | -27.0 |
| 5961.250000 | -35.8 | 8.8 | -27.0 |
| 5988.250000 | -35.8 | 8.8 | -27.0 |
| 5946.750000 | -35.8 | 8.8 | -27.0 |
| 5946.250000 | -35.8 | 8.8 | -27.0 |
| 5988.750000 | -35.8 | 8.8 | -27.0 |
| 5960.750000 | -35.8 | 8.8 | -27.0 |
| 5948.250000 | -35.8 | 8.8 | -27.0 |
| 5990.750000 | -35.8 | 8.8 | -27.0 |
| 5947.250000 | -35.8 | 8.8 | -27.0 |
| 5989.250000 | -35.9 | 8.9 | -27.0 |
| 5933.750000 | -36.0 | 9.0 | -27.0 |
| 5960.250000 | -36.0 | 9.0 | -27.0 |

## Measurement Settings

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

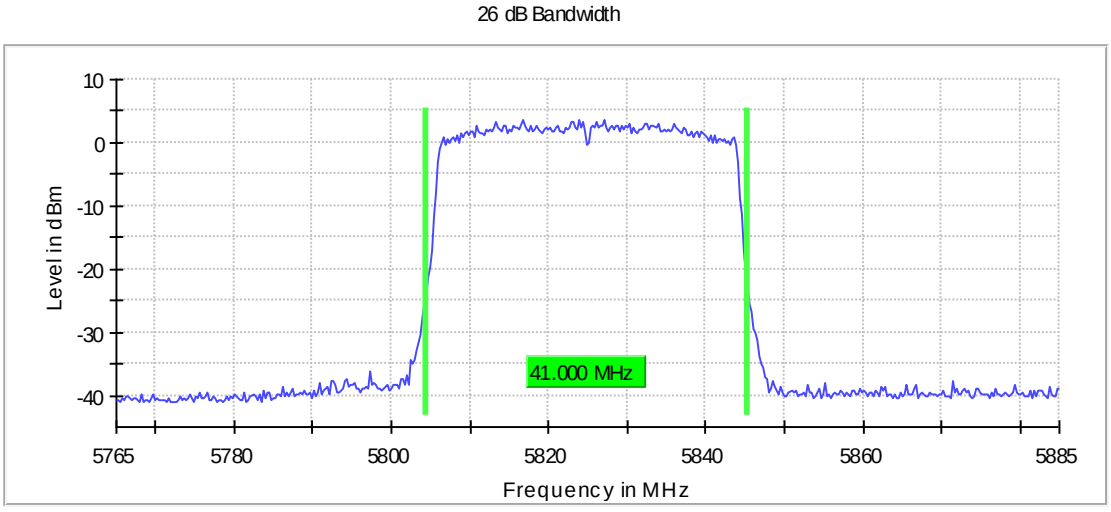



# Emission Bandwidth 26 dB (5825 MHz; 24.000 dBm; 40 MHz)

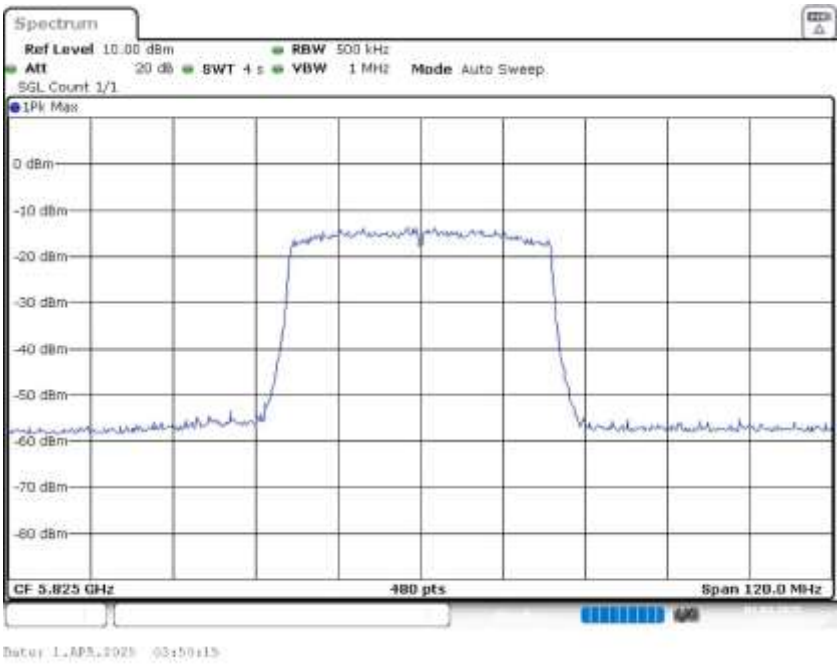
## 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5825.000000 | 41.000000 | --- | --- | 5804.375000 | 5845.375000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5825.000000 | 3.5 | PASS |




Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.76500 GHz | 5.76500 GHz |
| Stop Frequency | 5.88500 GHz | 5.88500 GHz |
| Span | 120.000 MHz | 120.000 MHz |
| RBW | 500.000 kHz | ~ 666.667 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 480 | ~ 480 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

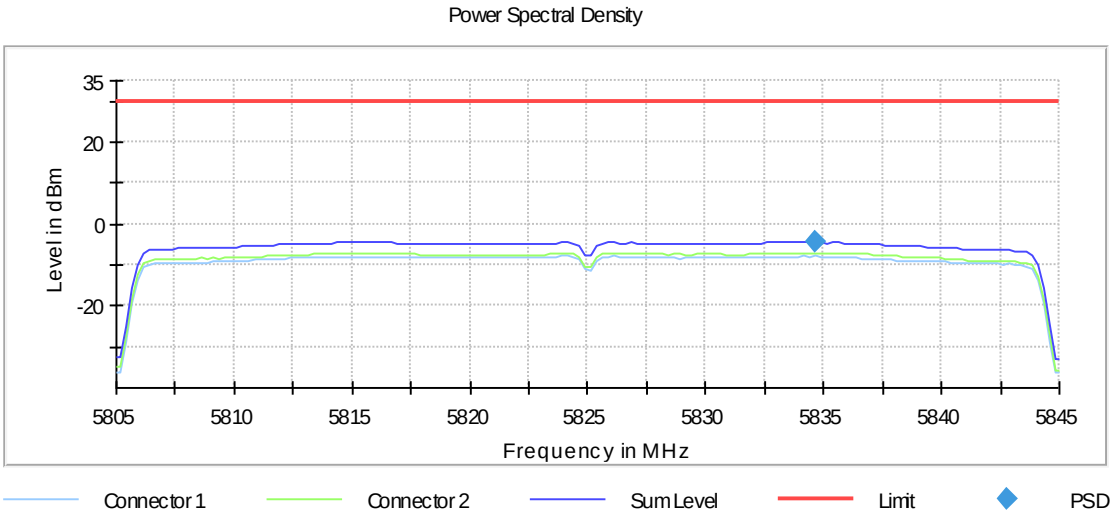
## Power Spectral Density (5825 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5825.000000 | 5834.625000 | -4.445 | 30.0 | PASS |

## Ports

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

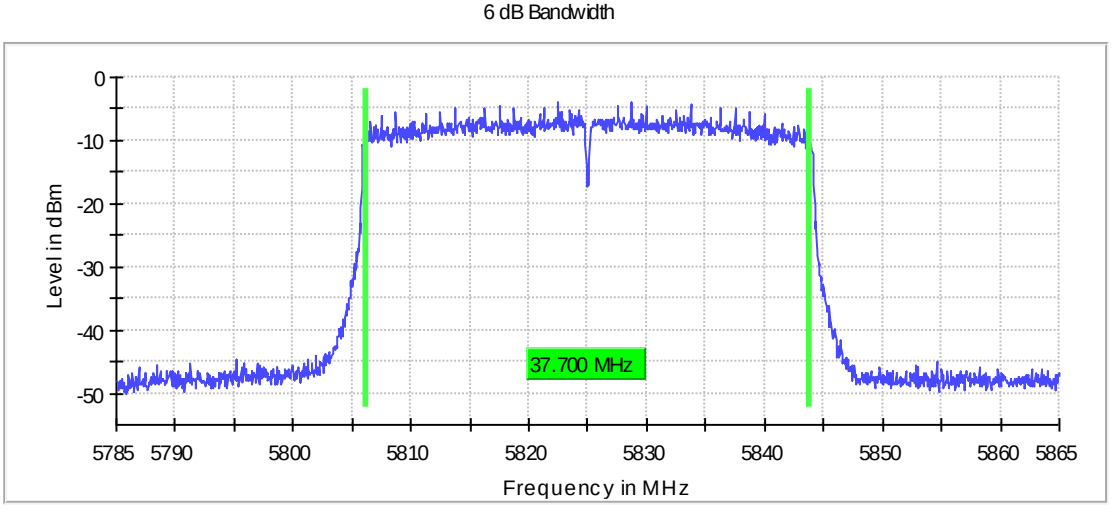



# Minimum Emission Bandwidth 6 dB (5825 MHz; 24.000 dBm; 40 MHz)

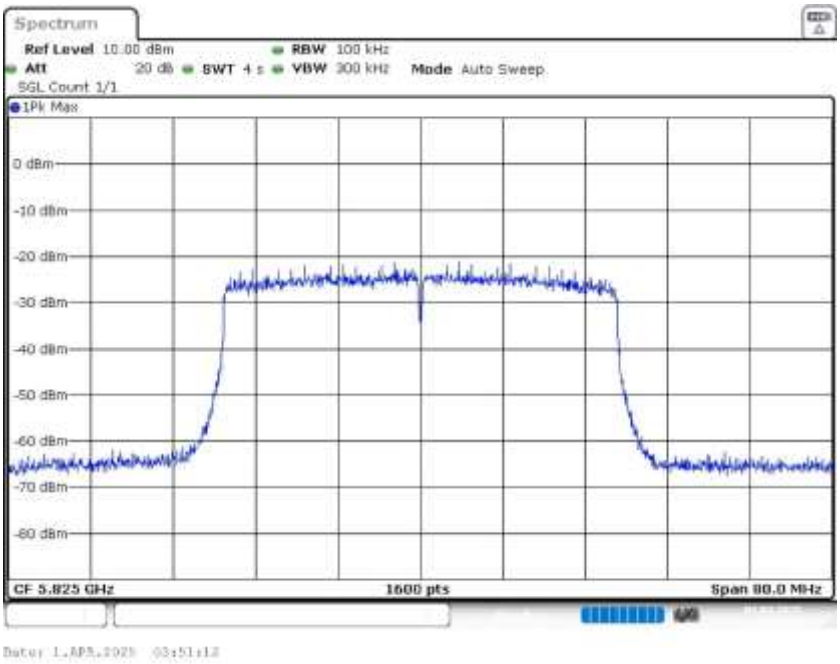
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5825.000000 | 37.700000 | 0.500000 | --- | 5806.125000 | 5843.825000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5825.000000 | -3.8 | PASS |




Bandwidth

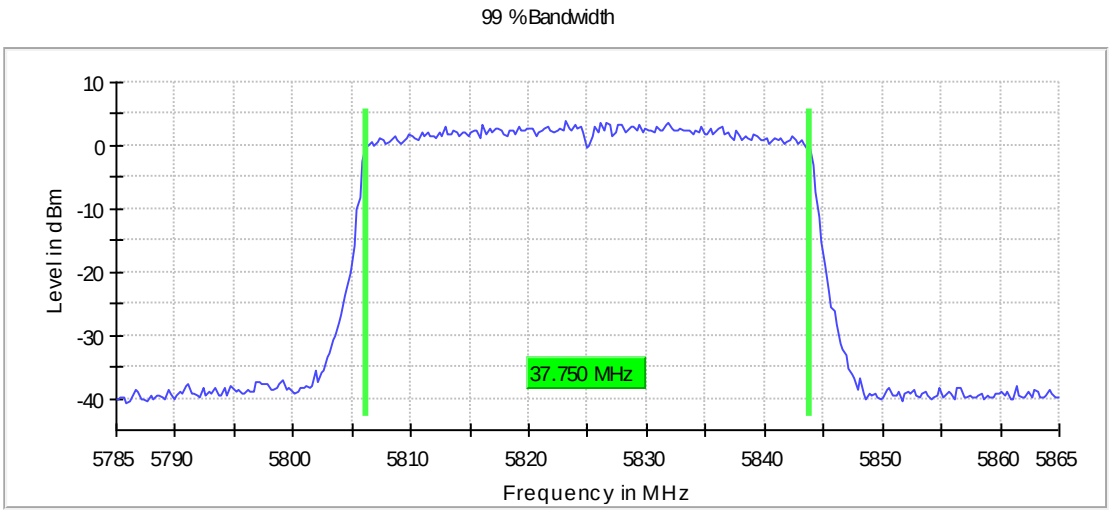



## Occupied Channel Bandwidth 99% (5825 MHz; 24.000 dBm; 40 MHz)

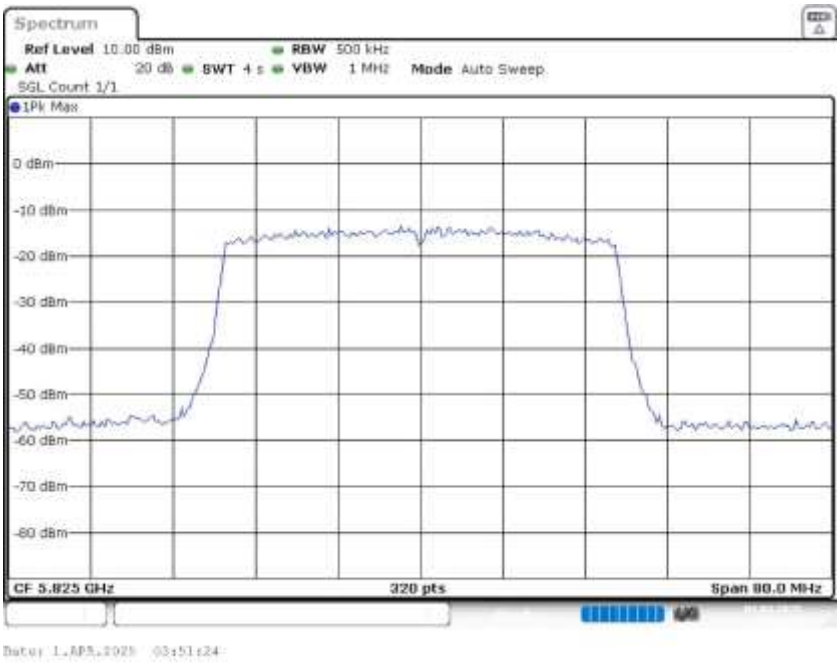
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5825.000000 | 37.750000 | --- | --- | 5806.125000 | 5843.875000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5825.000000 | 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 | 500.000 kHz | >= 500.000 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 320 | ~ 320 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## Tx Spurious Emission (5825 MHz; 24.000 dBm; 40 MHz)

## Result

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

## Final measurements

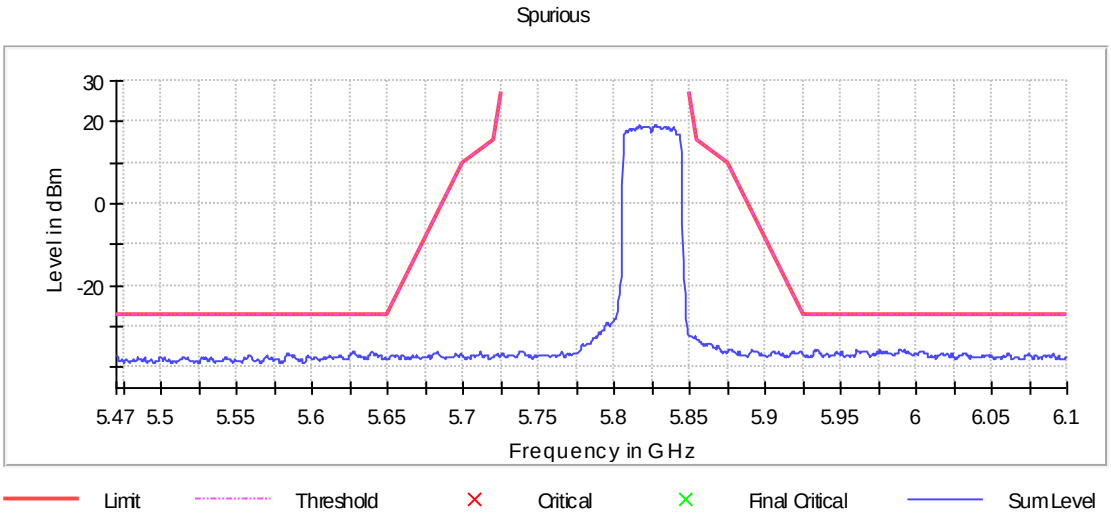
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5988.750000 | -35.5 | 8.5 | -27.0 |
| 5932.750000 | -35.5 | 8.5 | -27.0 |
| 5934.250000 | -35.6 | 8.6 | -27.0 |
| 5934.750000 | -35.6 | 8.6 | -27.0 |
| 5989.250000 | -35.6 | 8.6 | -27.0 |
| 5992.250000 | -35.7 | 8.7 | -27.0 |
| 5975.750000 | -35.7 | 8.7 | -27.0 |
| 5989.750000 | -35.7 | 8.7 | -27.0 |
| 5960.750000 | -35.8 | 8.8 | -27.0 |
| 5990.250000 | -35.8 | 8.8 | -27.0 |
| 5988.250000 | -35.9 | 8.9 | -27.0 |
| 6003.250000 | -35.9 | 8.9 | -27.0 |
| 5991.750000 | -35.9 | 8.9 | -27.0 |
| 5976.250000 | -35.9 | 8.9 | -27.0 |
| 5932.250000 | -35.9 | 8.9 | -27.0 |

## Measurement Settings

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



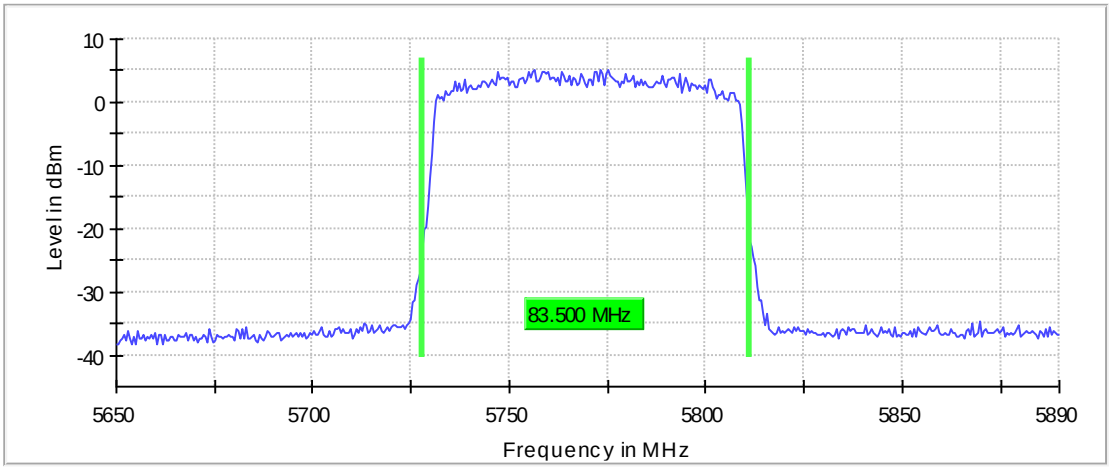

## Emission Bandwidth 26 dB (5770 MHz; 24.000 dBm; 80 MHz)

## 26 dB Bandwidth

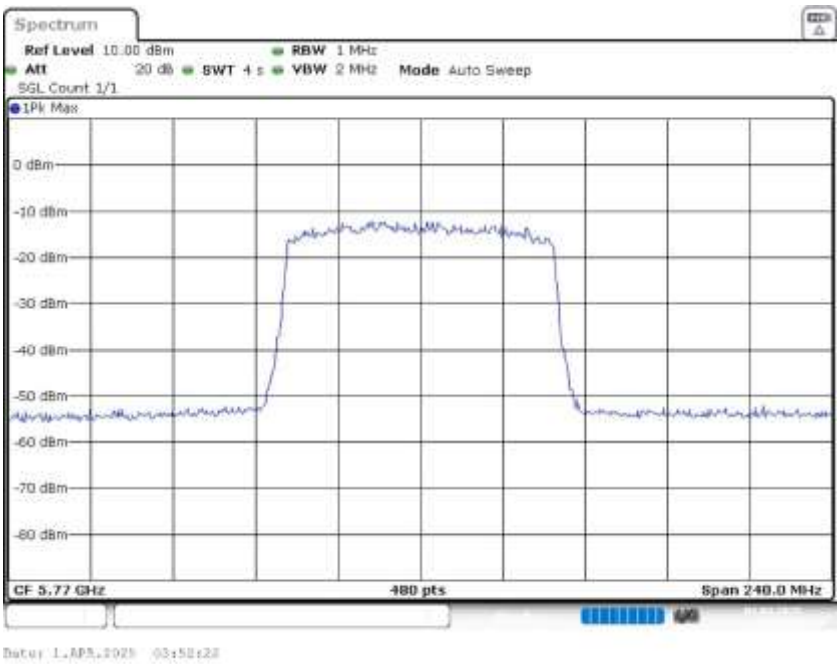
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5770.000000 | 83.500000 | --- | --- | 5727.750000 | 5811.250000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5770.000000 | 5.1 | PASS |

26 dB Bandwidth




Bandwidth




# Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.65000 GHz | 5.65000 GHz |
| Stop Frequency | 5.89000 GHz | 5.89000 GHz |

| | | |
|---|---|---|
| Span | 240.000 MHz | 240.000 MHz |
| RBW | 1.000 MHz | ~ 1.333 MHz |
| VBW | 2.000 MHz | >= 1.200 MHz |
| SweepPoints | 480 | ~ 480 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

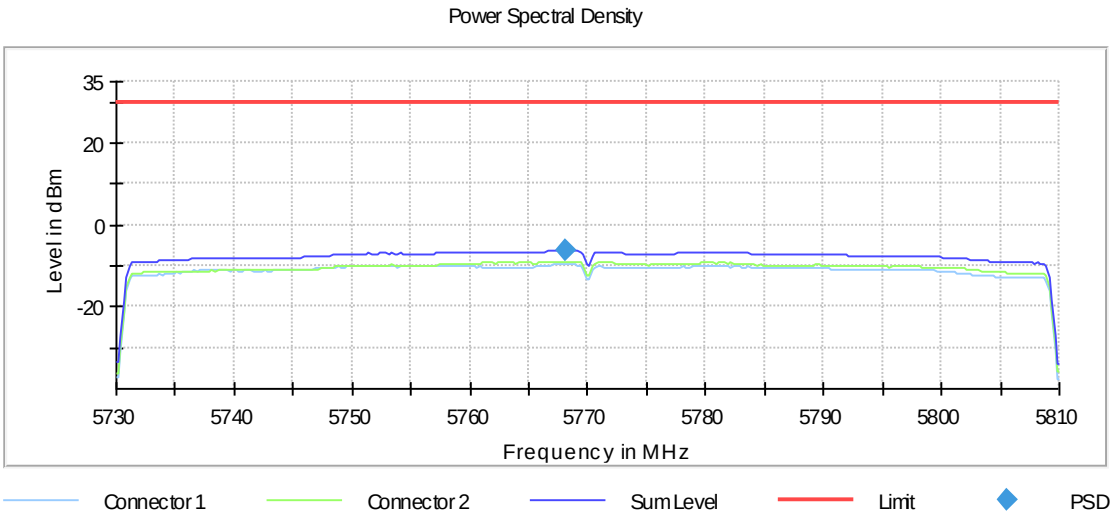
## Power

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5770.000000 | 5768.125000 | -6.282 | 30.0 | PASS |

## Ports

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



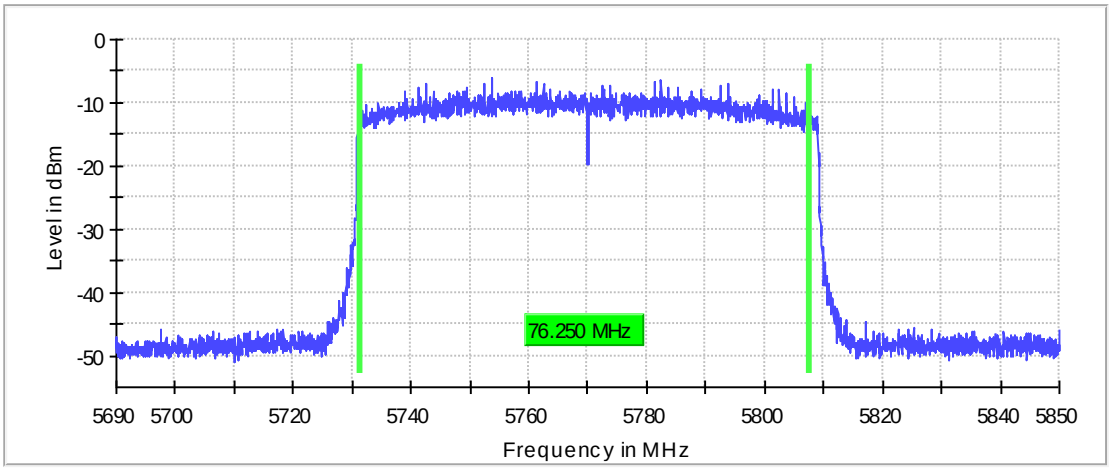

## Minimum Emission Bandwidth 6 dB (5770 MHz; 24.000 dBm; 80 MHz)

## 6 dB Bandwidth

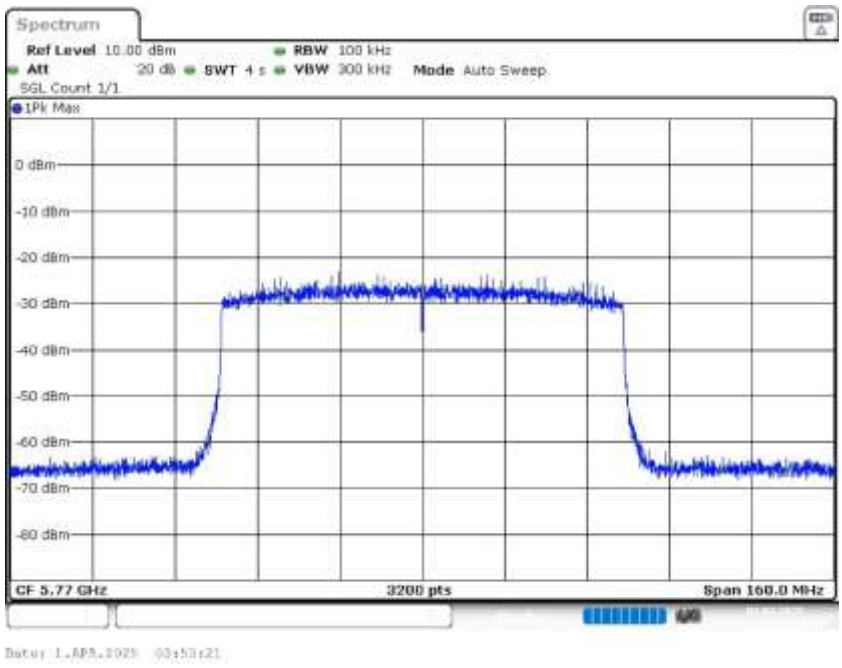
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5770.000000 | 76.250000 | 0.500000 | --- | 5731.375000 | 5807.625000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5770.000000 | -6.0 | PASS |

6 dB Bandwidth




Bandwidth



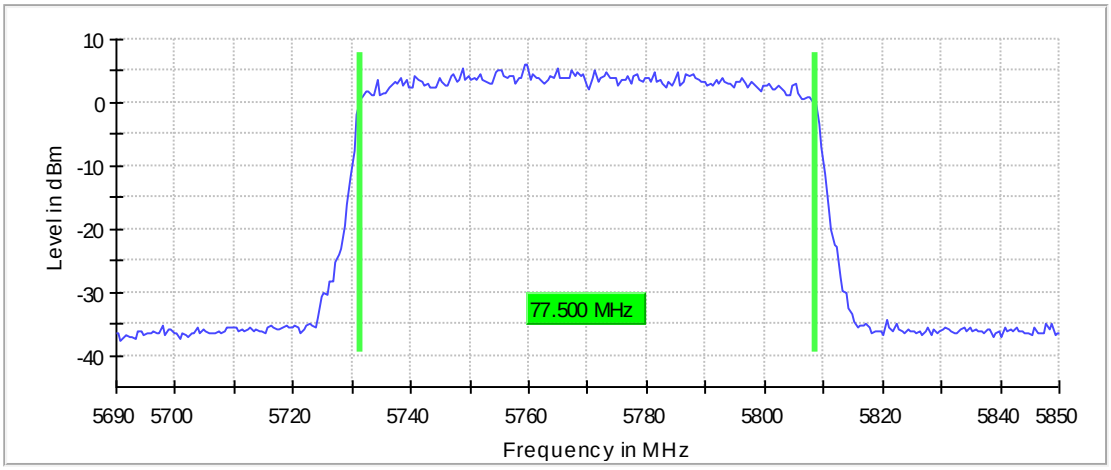

## Occupied Channel Bandwidth 99% (5770 MHz; 24.000 dBm; 80 MHz)

## 99 % Bandwidth

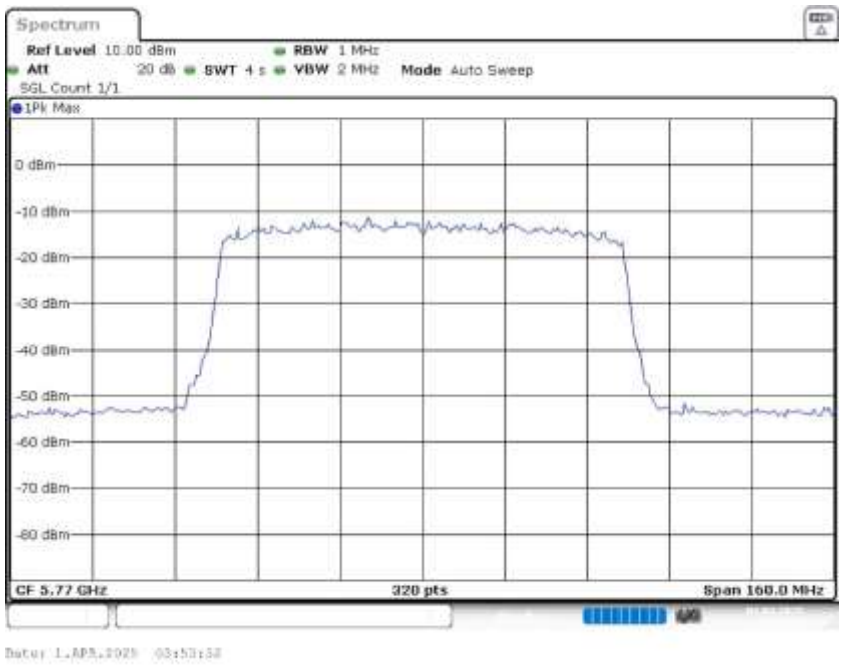
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5770.000000 | 77.500000 | --- | --- | 5731.250000 | 5808.750000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5770.000000 | PASS |

99 %Bandwidth




Bandwidth



## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.69000 GHz | 5.69000 GHz |
| Stop Frequency | 5.85000 GHz | 5.85000 GHz |
| Span | 160.000 MHz | 160.000 MHz |
| RBW | 1.000 MHz | >= 1.000 MHz |
| VBW | 2.000 MHz | >= 1.200 MHz |
| SweepPoints | 320 | ~ 320 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

# Tx Spurious Emission (5770 MHz; 24.000 dBm; 80 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5770.000000 | PASS |

## Final measurements

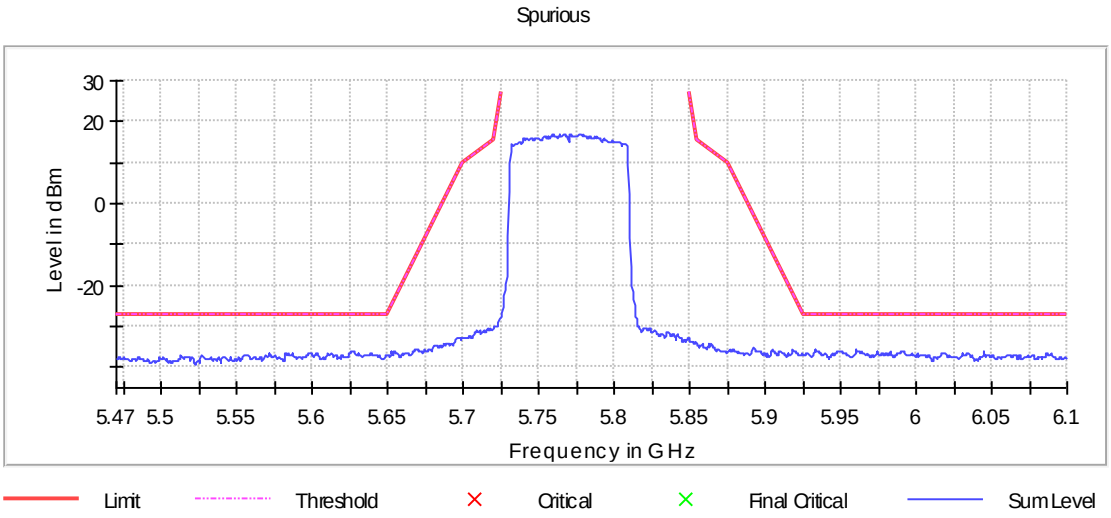
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5933.250000 | -35.8 | 8.8 | -27.0 |
| 5960.250000 | -35.8 | 8.8 | -27.0 |
| 5989.750000 | -35.9 | 8.9 | -27.0 |
| 5960.750000 | -35.9 | 8.9 | -27.0 |
| 5990.250000 | -35.9 | 8.9 | -27.0 |
| 5932.750000 | -36.0 | 9.0 | -27.0 |
| 5961.250000 | -36.0 | 9.0 | -27.0 |
| 5626.750000 | -36.0 | 9.0 | -27.0 |
| 5961.750000 | -36.0 | 9.0 | -27.0 |
| 5990.750000 | -36.0 | 9.0 | -27.0 |
| 5626.250000 | -36.1 | 9.1 | -27.0 |
| 5934.250000 | -36.1 | 9.1 | -27.0 |
| 5934.750000 | -36.1 | 9.1 | -27.0 |
| 5950.750000 | -36.1 | 9.1 | -27.0 |
| 5933.750000 | -36.1 | 9.1 | -27.0 |

## Measurement Settings

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

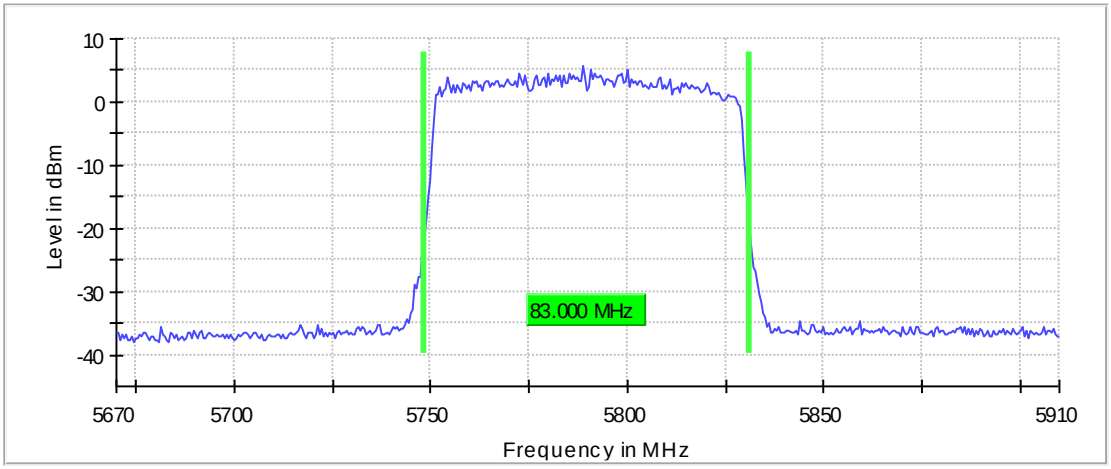



## Emission Bandwidth 26 dB (5790 MHz; 24.000 dBm; 80 MHz)

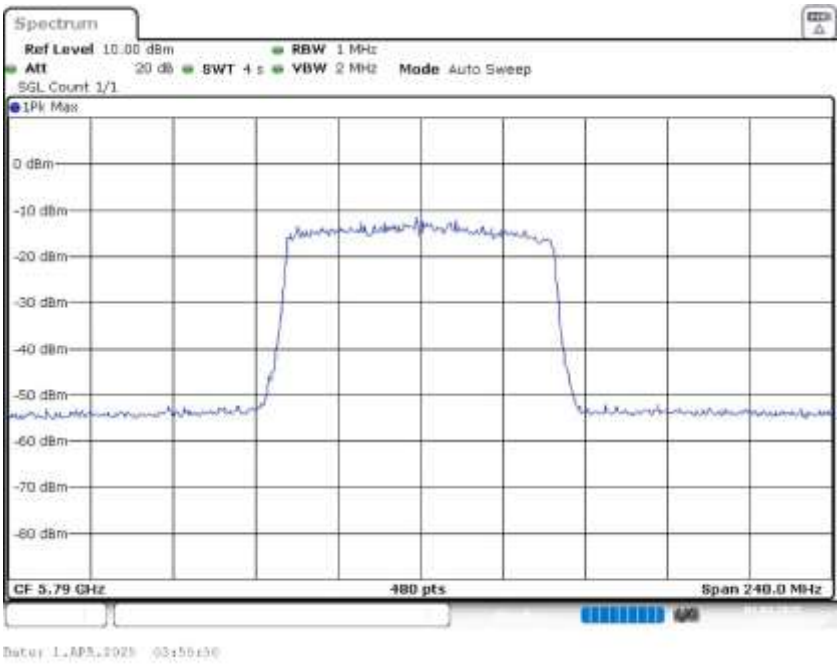
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 83.000000 | --- | --- | 5748.250000 | 5831.250000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | 5.8 | PASS |




Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.67000 GHz | 5.67000 GHz |
| Stop Frequency | 5.91000 GHz | 5.91000 GHz |
| Span | 240.000 MHz | 240.000 MHz |
| RBW | 1.000 MHz | ~ 1.333 MHz |
| VBW | 2.000 MHz | >= 1.200 MHz |
| SweepPoints | 480 | ~ 480 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

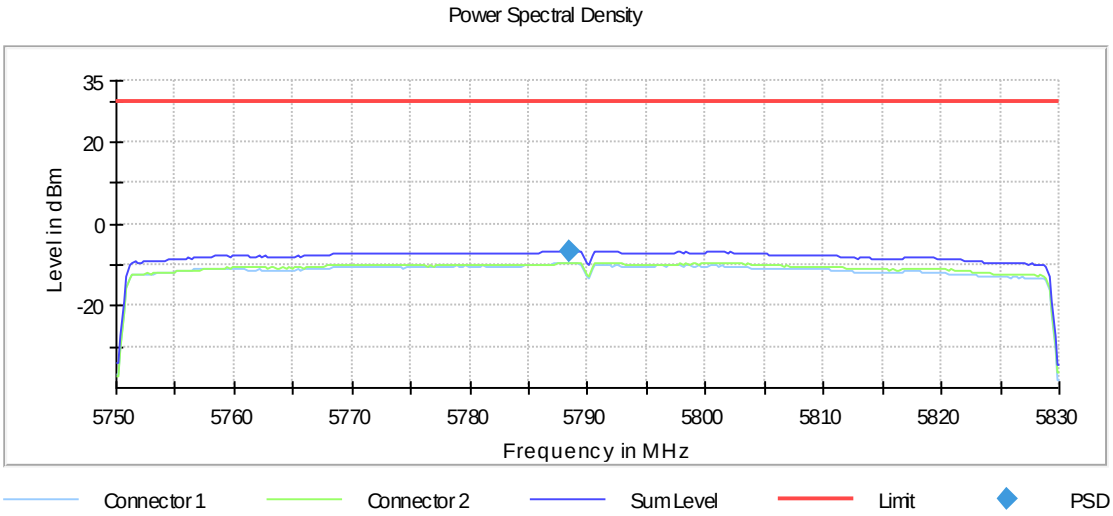
## Power Spectral Density (5790 MHz; 24.000 dBm; 80 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5790.000000 | 5788.375000 | -6.510 | 30.0 | PASS |

## Ports

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

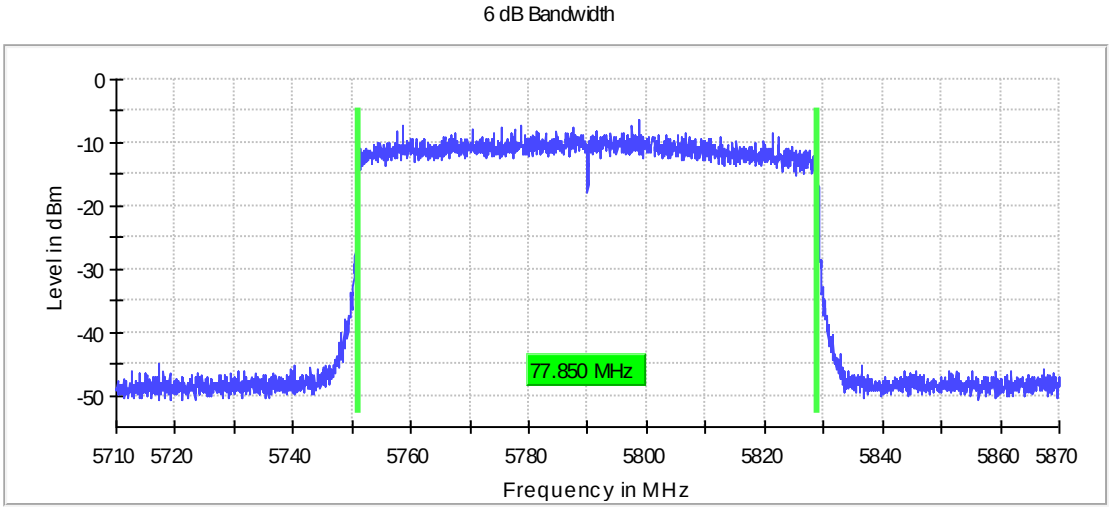



# Minimum Emission Bandwidth 6 dB (5790 MHz; 24.000 dBm; 80 MHz)

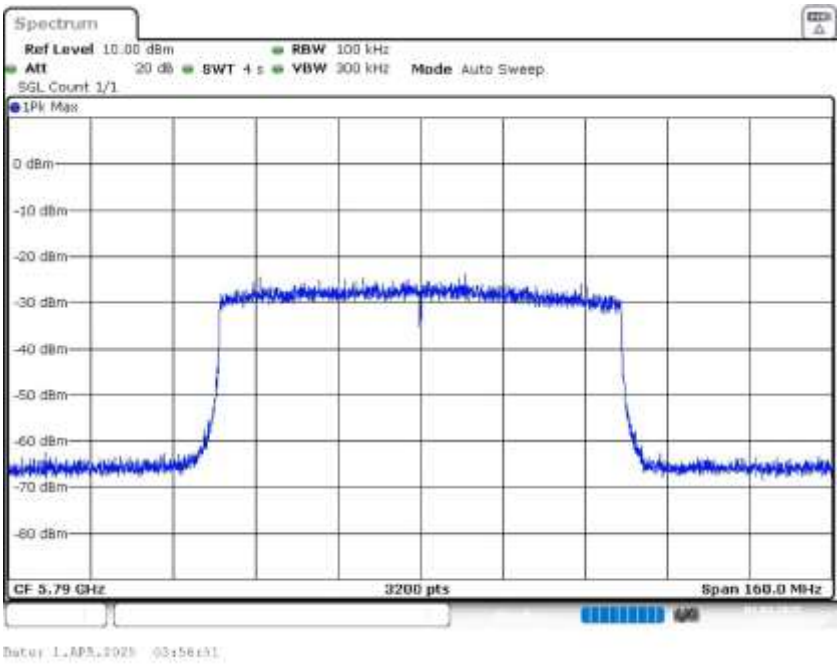
## 6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 77.850000 | 0.500000 | --- | 5750.975000 | 5828.825000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5790.000000 | -6.4 | PASS |




Bandwidth

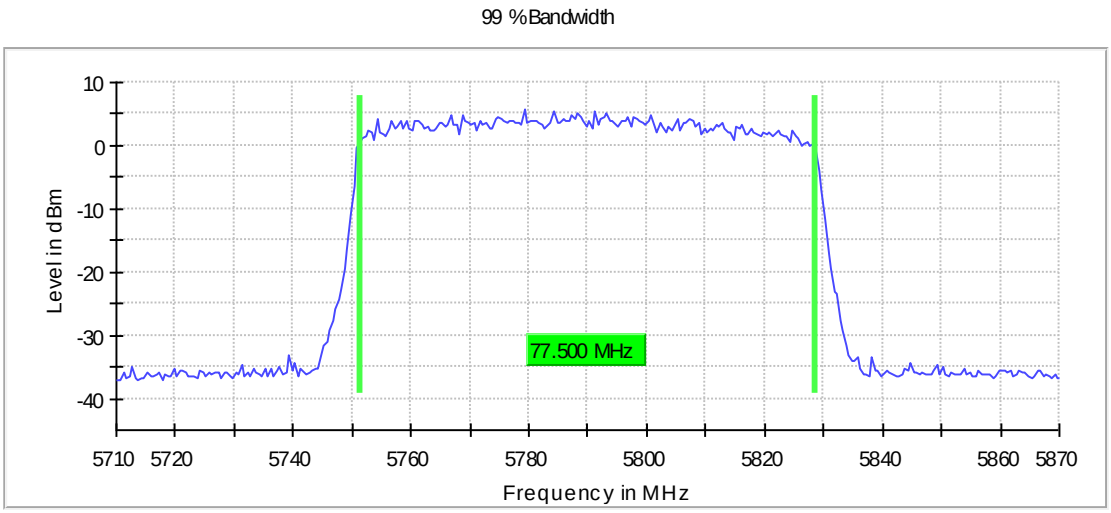



## Occupied Channel Bandwidth 99% (5790 MHz; 24.000 dBm; 80 MHz)

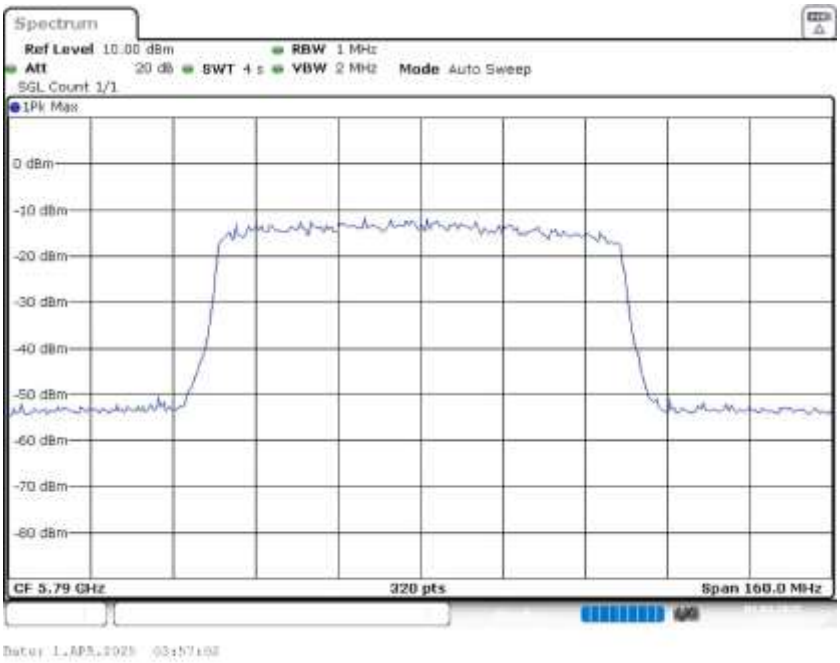
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5790.000000 | 77.500000 | --- | --- | 5751.250000 | 5828.750000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |



Bandwidth




## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.71000 GHz | 5.71000 GHz |
| Stop Frequency | 5.87000 GHz | 5.87000 GHz |
| Span | 160.000 MHz | 160.000 MHz |
| RBW | 1.000 MHz | >= 1.000 MHz |
| VBW | 2.000 MHz | >= 1.200 MHz |
| SweepPoints | 320 | ~ 320 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## Tx Spurious Emission (5790 MHz; 24.000 dBm; 80 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5790.000000 | PASS |

## Final measurements

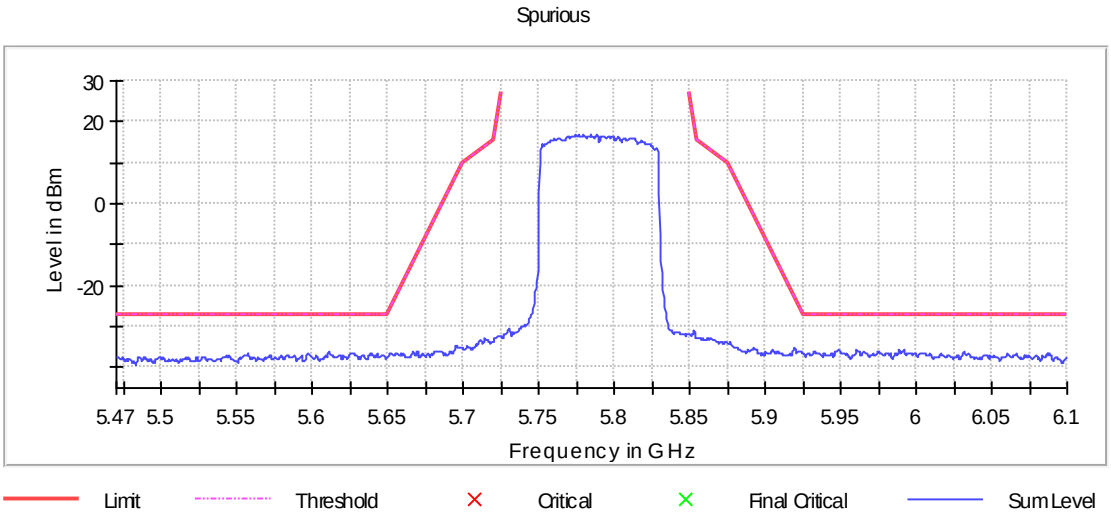
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5960.750000 | -35.6 | 8.6 | -27.0 |
| 5991.750000 | -35.7 | 8.7 | -27.0 |
| 5960.250000 | -35.7 | 8.7 | -27.0 |
| 5988.750000 | -35.8 | 8.8 | -27.0 |
| 5948.250000 | -35.8 | 8.8 | -27.0 |
| 5948.750000 | -35.8 | 8.8 | -27.0 |
| 5992.250000 | -35.8 | 8.8 | -27.0 |
| 5961.250000 | -35.9 | 8.9 | -27.0 |
| 5965.250000 | -35.9 | 8.9 | -27.0 |
| 5962.250000 | -35.9 | 8.9 | -27.0 |
| 5988.250000 | -36.0 | 9.0 | -27.0 |
| 5932.750000 | -36.0 | 9.0 | -27.0 |
| 5991.250000 | -36.0 | 9.0 | -27.0 |
| 5974.750000 | -36.0 | 9.0 | -27.0 |
| 5946.750000 | -36.0 | 9.0 | -27.0 |

## Measurement Settings

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



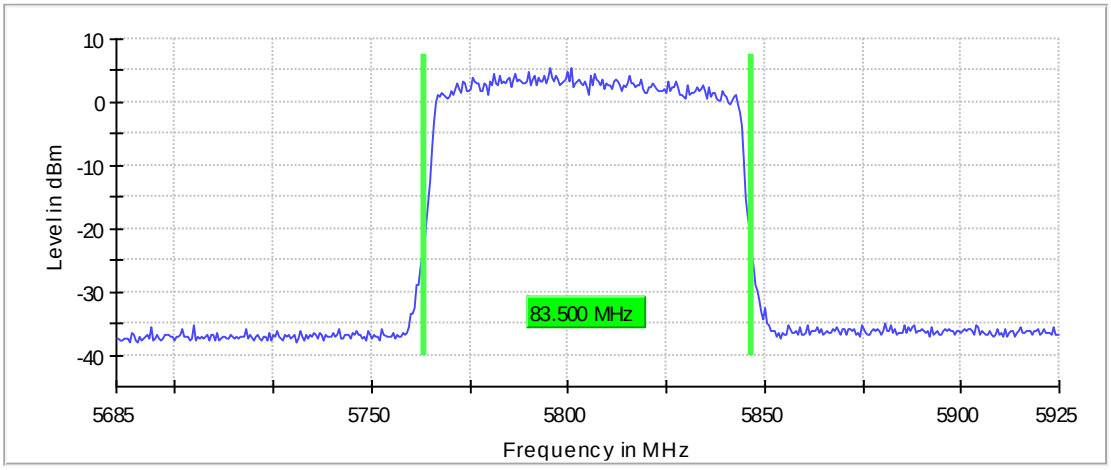

## Emission Bandwidth 26 dB (5805 MHz; 24.000 dBm; 80 MHz)

## 26 dB Bandwidth

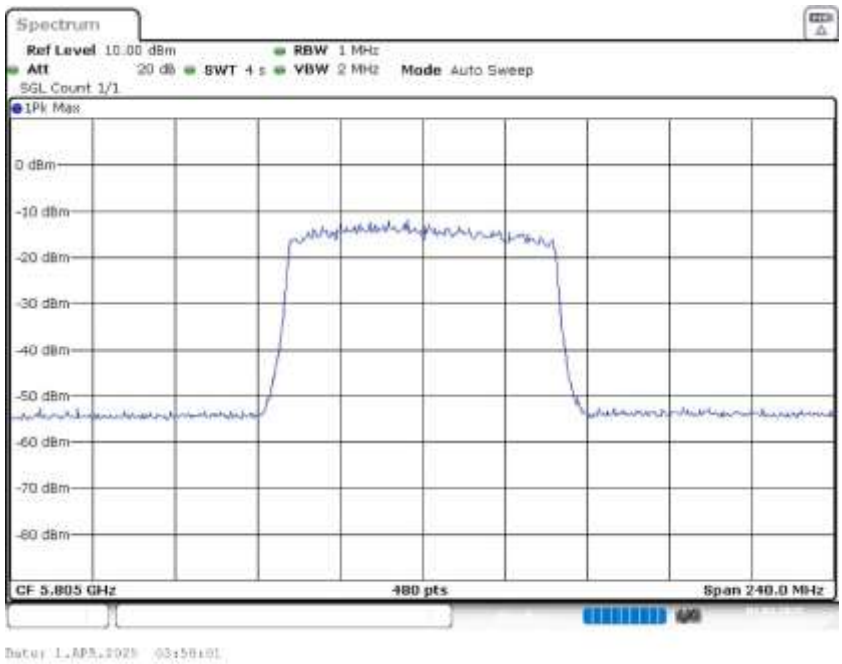
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5805.000000 | 83.500000 | --- | --- | 5763.250000 | 5846.750000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5805.000000 | 5.5 | PASS |

26 dB Bandwidth




Bandwidth




# Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.68500 GHz | 5.68500 GHz |
| Stop Frequency | 5.92500 GHz | 5.92500 GHz |

| | | |
|---|---|---|
| Span | 240.000 MHz | 240.000 MHz |
| RBW | 1.000 MHz | ~ 1.333 MHz |
| VBW | 2.000 MHz | >= 1.200 MHz |
| SweepPoints | 480 | ~ 480 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

## Power Spectral Density (5805 MHz; 24.000 dBm; 80 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---|---|---|---|---|
| 5805.000000 | 5793.625000 | -6.719 | 30.0 | PASS |

## Ports

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

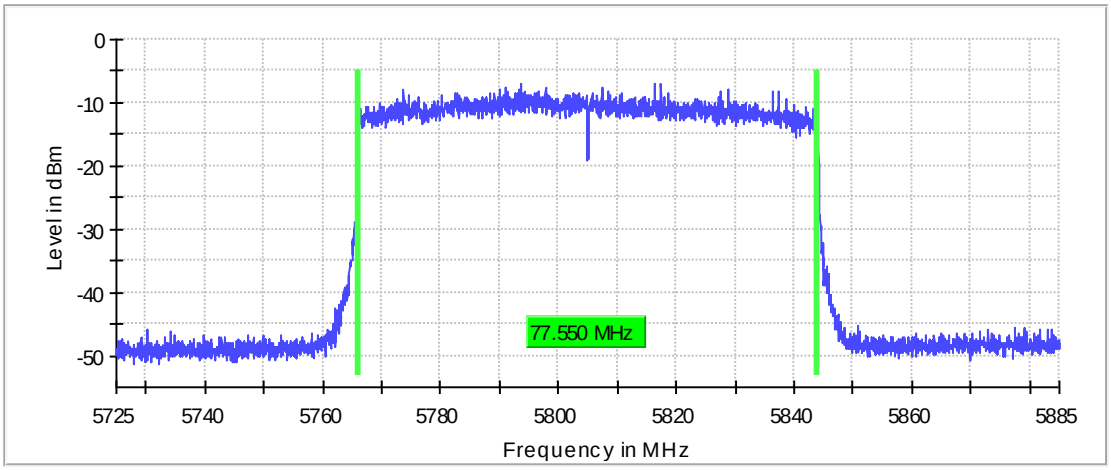

## Minimum Emission Bandwidth 6 dB (5805 MHz; 24.000 dBm; 80 MHz)

## 6 dB Bandwidth

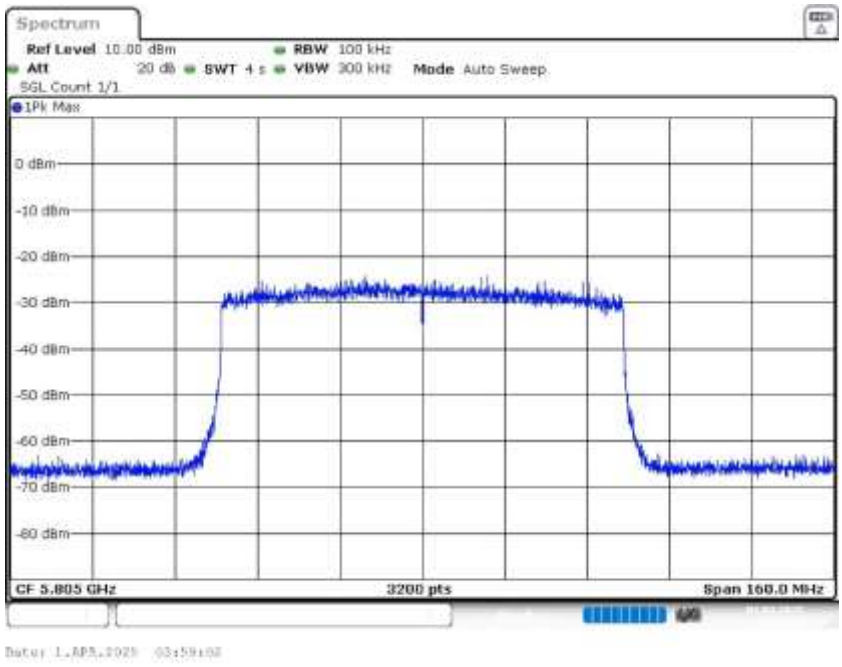
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5805.000000 | 77.550000 | 0.500000 | --- | 5766.225000 | 5843.775000 |

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---|---|---|
| 5805.000000 | -7.0 | PASS |

6 dB Bandwidth




Bandwidth



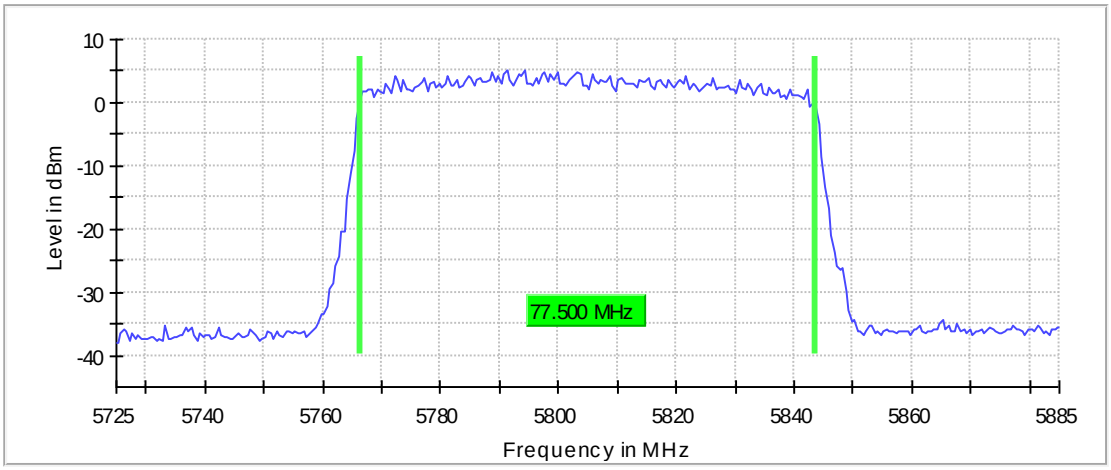

## Occupied Channel Bandwidth 99% (5805 MHz; 24.000 dBm; 80 MHz)

## 99 % Bandwidth

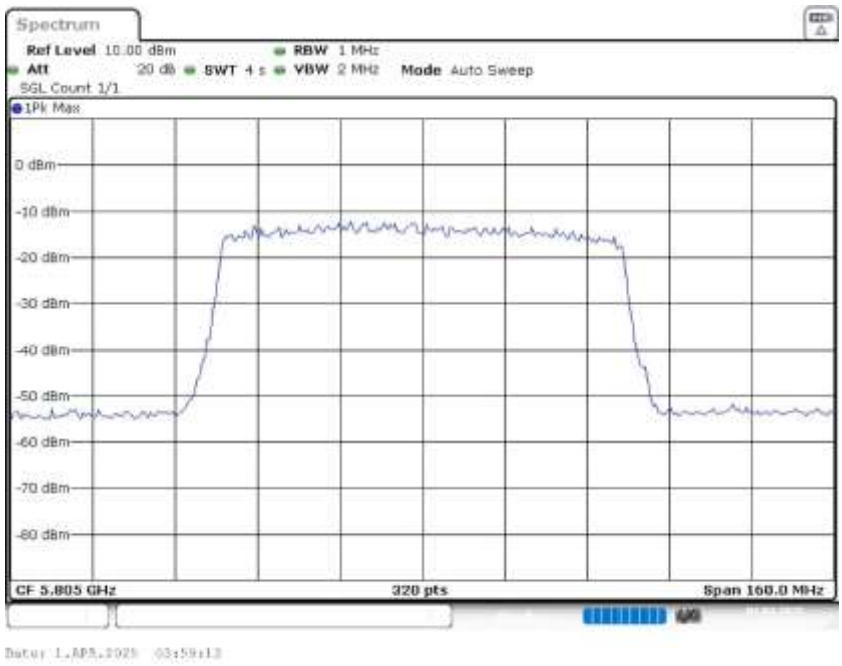
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---|---|---|---|---|---|
| 5805.000000 | 77.500000 | --- | --- | 5766.250000 | 5843.750000 |

| DUT Frequency (MHz) | Result |
|---|---|
| 5805.000000 | PASS |

99 %Bandwidth




Bandwidth



## Measurement

| Setting | Instrument Value | Target Value |
|---|---|---|
| Start Frequency | 5.72500 GHz | 5.72500 GHz |
| Stop Frequency | 5.88500 GHz | 5.88500 GHz |
| Span | 160.000 MHz | 160.000 MHz |
| RBW | 1.000 MHz | >= 1.000 MHz |
| VBW | 2.000 MHz | >= 1.200 MHz |
| SweepPoints | 320 | ~ 320 |
| Sweeptime | 4.000 s | 4.000 s |
| Reference Level | 10.000 dBm | AUTO |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 1 | 1 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |

# Tx Spurious Emission (5805 MHz; 24.000 dBm; 80 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---|---|
| 5805.000000 | PASS |

## Final measurements

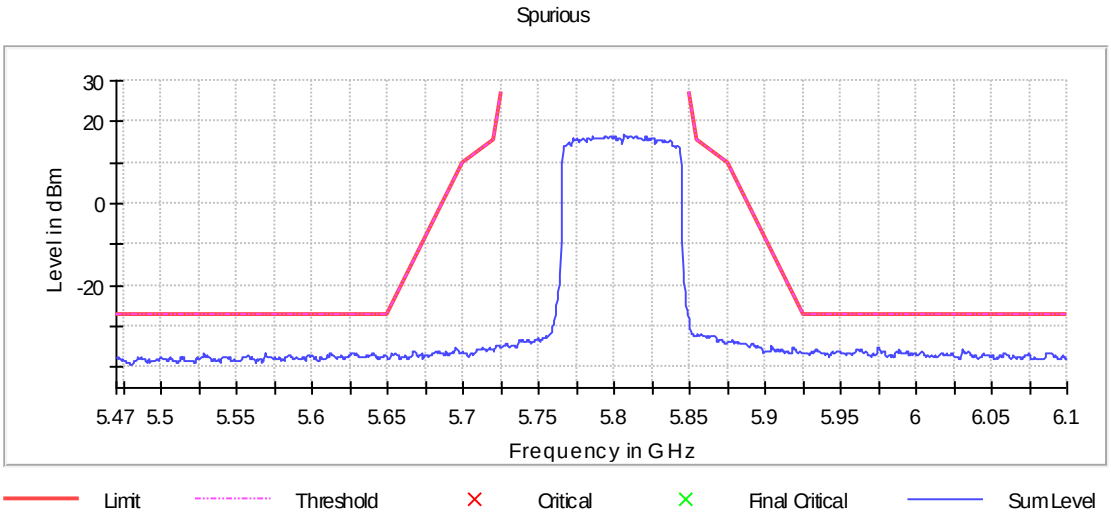
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |

## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|---|---|---|---|
| 5974.750000 | -35.2 | 8.2 | -27.0 |
| 5975.250000 | -35.3 | 8.3 | -27.0 |
| 5975.750000 | -35.6 | 8.6 | -27.0 |
| 5974.250000 | -35.6 | 8.6 | -27.0 |
| 5963.250000 | -35.6 | 8.6 | -27.0 |
| 5963.750000 | -35.7 | 8.7 | -27.0 |
| 5988.750000 | -35.7 | 8.7 | -27.0 |
| 5961.750000 | -35.7 | 8.7 | -27.0 |
| 5934.250000 | -35.8 | 8.8 | -27.0 |
| 5933.750000 | -35.8 | 8.8 | -27.0 |
| 5960.750000 | -35.8 | 8.8 | -27.0 |
| 5960.250000 | -35.8 | 8.8 | -27.0 |
| 6030.750000 | -35.8 | 8.8 | -27.0 |
| 5961.250000 | -35.8 | 8.8 | -27.0 |
| 6031.250000 | -35.9 | 8.9 | -27.0 |

## Measurement Settings

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


Spurious
30
20
0
-20
Level in dBm
5.47
5.5
5.55
5.6
5.65
5.7
5.75
5.8
5.85
5.9
5.95
6
6.05
6.1
Frequency in GHz
Limit
Threshold
Critical
Final Critical
Sum Level

**-- End of Report--**