



427 West 12800 South  
Draper, UT 84020

## Test Report Attachment

|                                  |                              |
|----------------------------------|------------------------------|
| <b>FCC ID</b>                    | SWX-E7                       |
| <b>ISED ID</b>                   | 6545A-E7                     |
| <b>Equipment Under Test</b>      | E7                           |
| <b>Test Report Serial Number</b> | TR9086_03                    |
| <b>Date of Test</b>              | 29 February; 7 November 2024 |
| <b>Report Issue Date</b>         | 7 November 2024              |

## Test Personnel

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

## Test Location

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



| Revision History |                                                    |                 |
|------------------|----------------------------------------------------|-----------------|
| Revision         | Description                                        | Date            |
| 01               | Original Report Release                            | 9 May 2024      |
| 02               | Added test settings for Mask measurements.         | 1 October 2024  |
| 03               | Amended Measurement Settings for In Band Emissions | 7 November 2024 |

## 1 UNII-7 Band

### 1.1 Summary

| Test                                              | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|---------------------------------------------------|-----------------|---------------------|-------------------------|--------|
| Emission Bandwidth 26 dB                          | 6535.000        | 24.0                | 20.000000               | PASS   |
| RF output power                                   | 6535.000        | 24.0                | 20.000000               | PASS   |
| In-Band Emissions                                 | 6535.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6535.000        | 24.0                | 20.000000               | PASS   |
| Frequency Stability                               | 6535.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6695.000        | 24.0                | 20.000000               | PASS   |
| In-Band Emissions                                 | 6695.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6695.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6875.000        | 24.0                | 20.000000               | PASS   |
| In-Band Emissions                                 | 6875.000        | 24.0                | 20.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6875.000        | 24.0                | 20.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6525.000        | 24.0                | 40.000000               | PASS   |
| In-Band Emissions                                 | 6525.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6525.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6685.000        | 24.0                | 40.000000               | PASS   |
| In-Band Emissions                                 | 6685.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6685.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6885.000        | 24.0                | 40.000000               | PASS   |
| In-Band Emissions                                 | 6885.000        | 24.0                | 40.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6885.000        | 24.0                | 40.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6545.000        | 24.0                | 80.000000               | PASS   |
| In-Band Emissions                                 | 6545.000        | 24.0                | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6545.000        | 24.0                | 80.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6705.000        | 24.0                | 80.000000               | PASS   |
| In-Band Emissions                                 | 6705.000        | 24.0                | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6705.000        | 24.0                | 80.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6865.000        | 24.0                | 80.000000               | PASS   |
| In-Band Emissions                                 | 6865.000        | 24.0                | 80.000000               | PASS   |
| Occupied Channel Bandwidth 99%                    | 6865.000        | 24.0                | 80.000000               | PASS   |
| Emission Bandwidth 26 dB                          | 6505.000        | 24.0                | 160.000000              | PASS   |
| In-Band Emissions                                 | 6505.000        | 24.0                | 160.000000              | PASS   |
| Occupied Channel Bandwidth 99%                    | 6505.000        | 24.0                | 160.000000              | PASS   |
| Tx Spurious Emission                              | 6505.000        | 24.0                | 160.000000              | PASS   |
| Emissions in restricted frequency bands (Average) | 6505.000        | 24.0                | 160.000000              | PASS   |
| Emissions in restricted frequency bands (Peak)    | 6505.000        | 24.0                | 160.000000              | PASS   |
| Emission Bandwidth 26 dB                          | 6665.000        | 24.0                | 160.000000              | PASS   |
| In-Band Emissions                                 | 6665.000        | 24.0                | 160.000000              | PASS   |
| Occupied Channel Bandwidth 99%                    | 6665.000        | 24.0                | 160.000000              | PASS   |

|                                                   |          |      |            |      |
|---------------------------------------------------|----------|------|------------|------|
| Tx Spurious Emission                              | 6665.000 | 24.0 | 160.000000 | PASS |
| Emissions in restricted frequency bands (Average) | 6665.000 | 24.0 | 160.000000 | PASS |
| Emissions in restricted frequency bands (Peak)    | 6665.000 | 24.0 | 160.000000 | PASS |
| Emission Bandwidth 26 dB                          | 6825.000 | 24.0 | 160.000000 | PASS |
| In-Band Emissions                                 | 6825.000 | 24.0 | 160.000000 | PASS |
| Occupied Channel Bandwidth 99%                    | 6825.000 | 24.0 | 160.000000 | PASS |
| Tx Spurious Emission                              | 6825.000 | 24.0 | 160.000000 | PASS |
| Emissions in restricted frequency bands (Average) | 6825.000 | 24.0 | 160.000000 | PASS |
| Emissions in restricted frequency bands (Peak)    | 6825.000 | 24.0 | 160.000000 | PASS |
| Emission Bandwidth 26 dB                          | 6585.000 | 24.0 | 320.000000 | PASS |
| In-Band Emissions                                 | 6585.000 | 24.0 | 320.000000 | PASS |
| Occupied Channel Bandwidth 99%                    | 6585.000 | 24.0 | 320.000000 | PASS |
| Tx Spurious Emission                              | 6585.000 | 24.0 | 320.000000 | PASS |
| Emissions in restricted frequency bands (Average) | 6585.000 | 24.0 | 320.000000 | PASS |
| Emissions in restricted frequency bands (Peak)    | 6585.000 | 24.0 | 320.000000 | PASS |

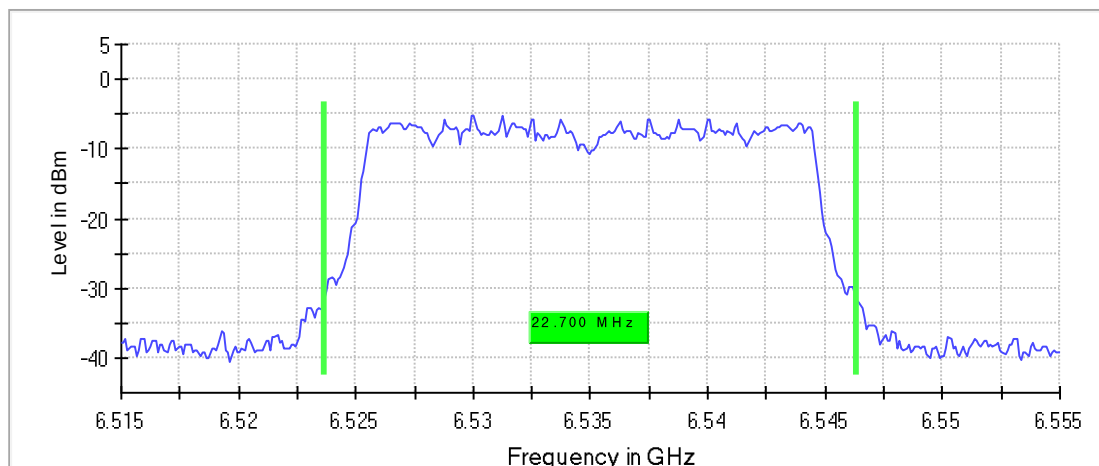
## Emission Bandwidth 26 dB (6535 MHz; 24.000 dBm; 20 MHz)

### 26 dB Bandwidth

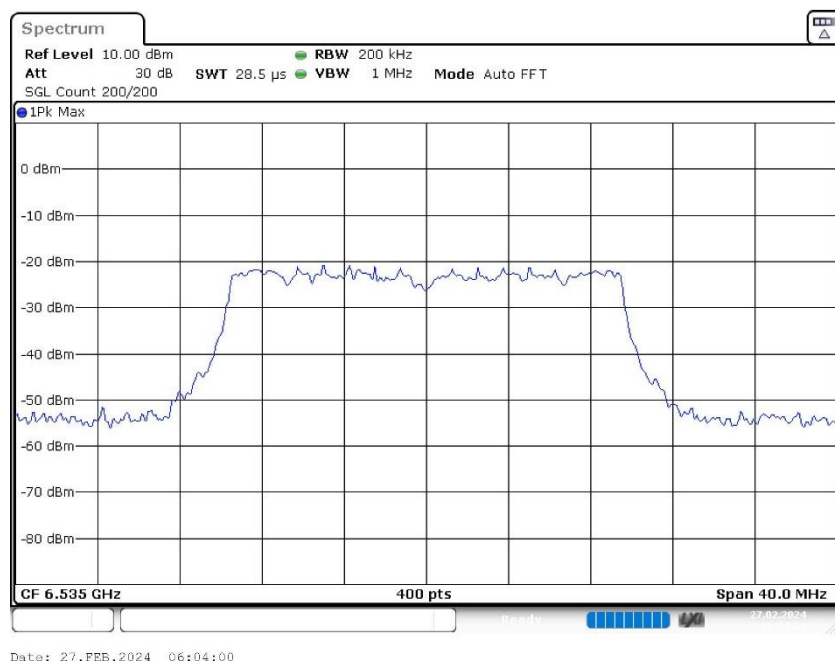
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------|
| 6535.000000         | 22.700000       | ---             | 320.000000      | 6523.650000          | ---            |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------------|----------------------|-----------------|--------|
| 6535.000000         | 6546.350000           | ---                  | -5.3            | PASS   |

26 dB Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 6.51500 GHz      | 6.51500 GHz    |
| Stop Frequency  | 6.55500 GHz      | 6.55500 GHz    |
| Span            | 40.000 MHz       | 40.000 MHz     |
| RBW             | 200.000 kHz      | ~ 200.000 kHz  |
| VBW             | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints     | 400              | ~ 400          |
| SweepTime       | 28.477 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |
| Attenuation     | 30.000 dB        | AUTO           |
| Detector        | MaxPeak          | MaxPeak        |
| SweepCount      | 200              | 200            |
| Filter          | 3 dB             | 3 dB           |
| Trace Mode      | Max Hold         | Max Hold       |
| SweepType       | FFT              | AUTO           |
| Preamp          | off              | off            |

## RF output power (6535 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Gated EIRP (dBm) | Limit Max (dBm) | Gated RMS (dBm) | DutyCycle (%) | Result |
|---------------------|------------------|-----------------|-----------------|---------------|--------|
| 6535.000000         | 15.6             | 24.0            | 15.6            | 99.729        | PASS   |

## OSP PowerMeter settings

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

## In-Band Emissions (6535 MHz; 24.000 dBm; 20 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6535.000000         | PASS   |

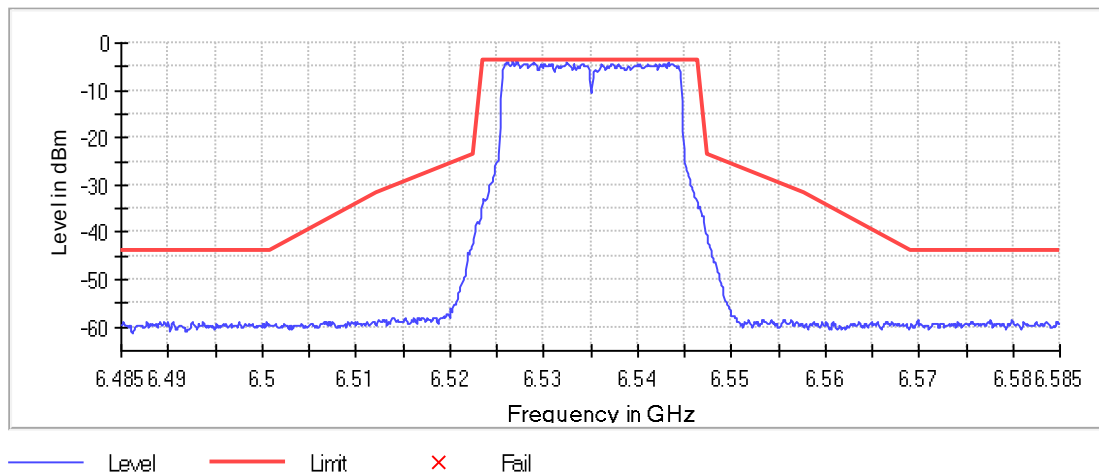
### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6526.750000     | -3.7        |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6527.150000     | -3.7        | 0.0         | -3.7        | PASS   |
| 6543.350000     | -4.0        | 0.3         | -3.7        | PASS   |
| 6526.050000     | -4.0        | 0.3         | -3.7        | PASS   |
| 6526.650000     | -4.0        | 0.3         | -3.7        | PASS   |
| 6543.250000     | -4.1        | 0.4         | -3.7        | PASS   |
| 6526.150000     | -4.2        | 0.5         | -3.7        | PASS   |
| 6527.250000     | -4.2        | 0.5         | -3.7        | PASS   |
| 6528.950000     | -4.3        | 0.6         | -3.7        | PASS   |
| 6532.450000     | -4.3        | 0.6         | -3.7        | PASS   |
| 6526.850000     | -4.3        | 0.6         | -3.7        | PASS   |
| 6532.350000     | -4.3        | 0.6         | -3.7        | PASS   |
| 6525.950000     | -4.3        | 0.6         | -3.7        | PASS   |
| 6539.950000     | -4.3        | 0.6         | -3.7        | PASS   |
| 6528.750000     | -4.3        | 0.6         | -3.7        | PASS   |
| 6542.350000     | -4.3        | 0.6         | -3.7        | PASS   |

In Band



## Measurement 1

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.48500 GHz      | 6.48500 GHz   |
| Stop Frequency  | 6.58500 GHz      | 6.58500 GHz   |
| Span            | 100.000 MHz      | 100.000 MHz   |
| RBW             | 200.000 kHz      | ~ 200.000 kHz |
| VBW             | 1.000 MHz        | ~ 800.000 kHz |
| SweepPoints     | 1000             | ~ 1000        |
| SweepTime       | 1.050 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

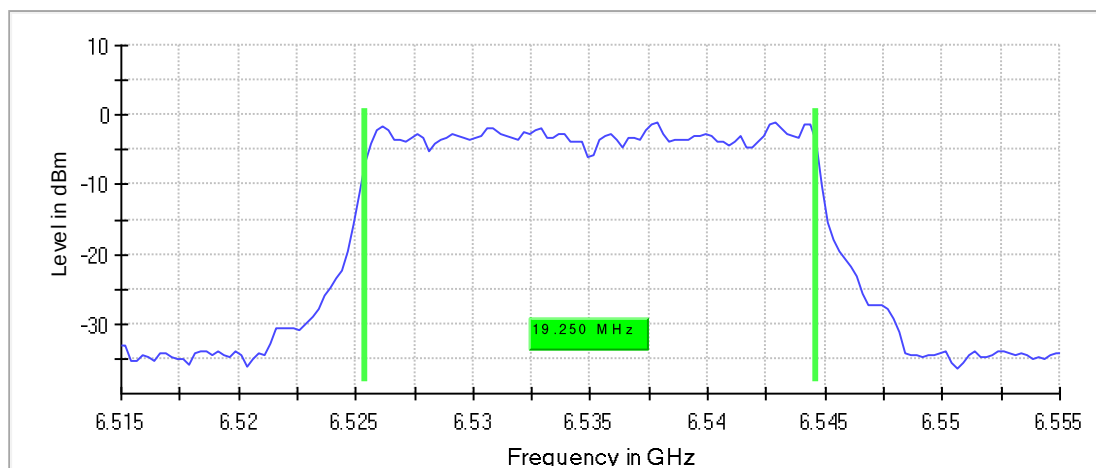
## Occupied Channel Bandwidth 99% (6535 MHz; 24.000 dBm; 20 MHz)

### 99 % Bandwidth

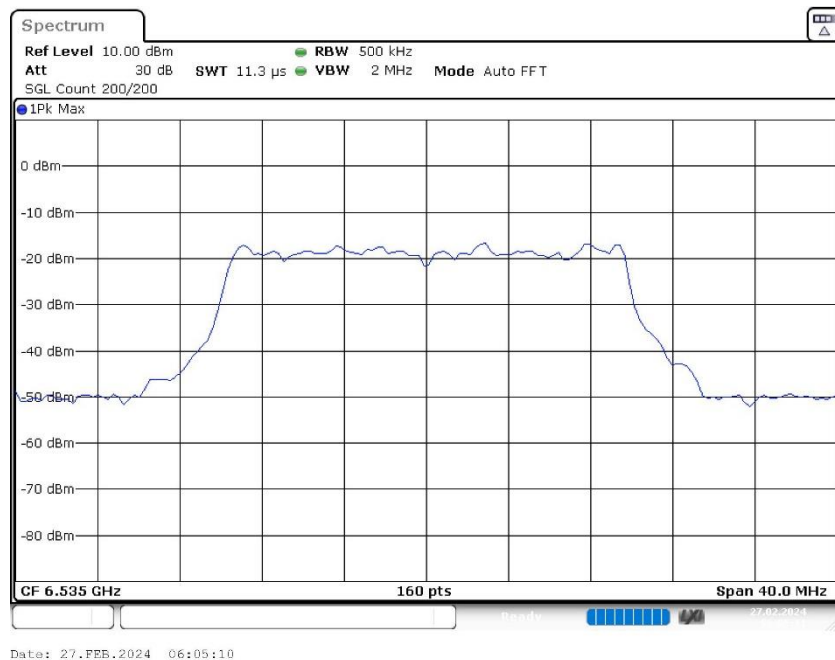
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| 6535.000000         | 19.250000       | ---             | 320.000000      | 6525.375000          | 5925.000000          |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|-----------------------|----------------------|--------|
| 6535.000000         | 6544.625000           | 7125.000000          | PASS   |

99 %Bandwidth



Bandwidth



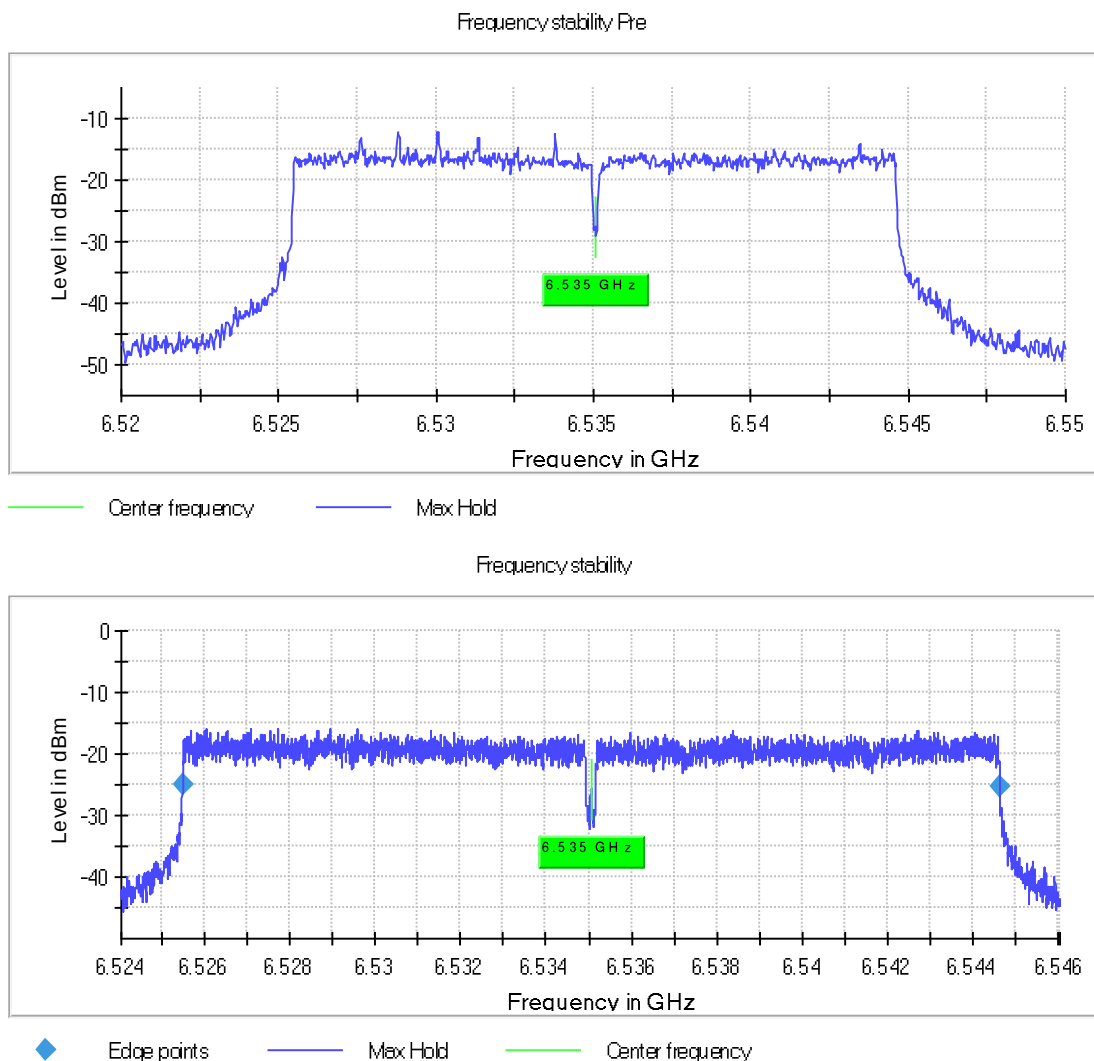
## Measurement

| Setting         | Instrument Value | Target Value       |
|-----------------|------------------|--------------------|
| Start Frequency | 6.51500 GHz      | 6.51500 GHz        |
| Stop Frequency  | 6.55500 GHz      | 6.55500 GHz        |
| Span            | 40.000 MHz       | 40.000 MHz         |
| RBW             | 500.000 kHz      | $\geq 500.000$ kHz |
| VBW             | 2.000 MHz        | $\geq 1.500$ MHz   |
| SweepPoints     | 160              | $\sim 160$         |
| SweepTime       | 11.344 $\mu$ s   | AUTO               |
| Reference Level | 10.000 dBm       | 10.000 dBm         |
| Attenuation     | 30.000 dB        | AUTO               |
| Detector        | MaxPeak          | MaxPeak            |
| SweepCount      | 200              | 200                |
| Filter          | 3 dB             | 3 dB               |
| Trace Mode      | Max Hold         | Max Hold           |
| SweepType       | FFT              | AUTO               |
| Preamp          | off              | off                |

## Frequency Stability (6535 MHz; 24.000 dBm; 20 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | Difference (ppm) | Frequency Difference (kHz) | Limit Min (MHz) | Limit Max (MHz) | Result |
|---------------------|-----------------|------------------|----------------------------|-----------------|-----------------|--------|
| 6535.000000         | 6535.052655     | 8.057            | 52.654500                  | ---             | ---             | PASS   |



## Measurement

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.52404 GHz      | 6.52404 GHz   |
| Stop Frequency  | 6.54604 GHz      | 6.54604 GHz   |
| Span            | 22.000 MHz       | 22.000 MHz    |
| RBW             | 20.000 kHz       | <= 22.000 kHz |
| VBW             | 100.000 kHz      | >= 60.000 kHz |
| SweepPoints     | 10001            | ~ 10001       |
| Sweptime        | 473.902 $\mu$ s  | AUTO          |
| Reference Level | 10.000 dBm       | 10.000 dBm    |
| Attenuation     | 30.000 dB        | AUTO          |
| Detector        | MaxPeak          | MaxPeak       |
| SweepCount      | 50               | 50            |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Max Hold         | Max Hold      |
| SweepType       | FFT              | AUTO          |
| Preamp          | off              | off           |

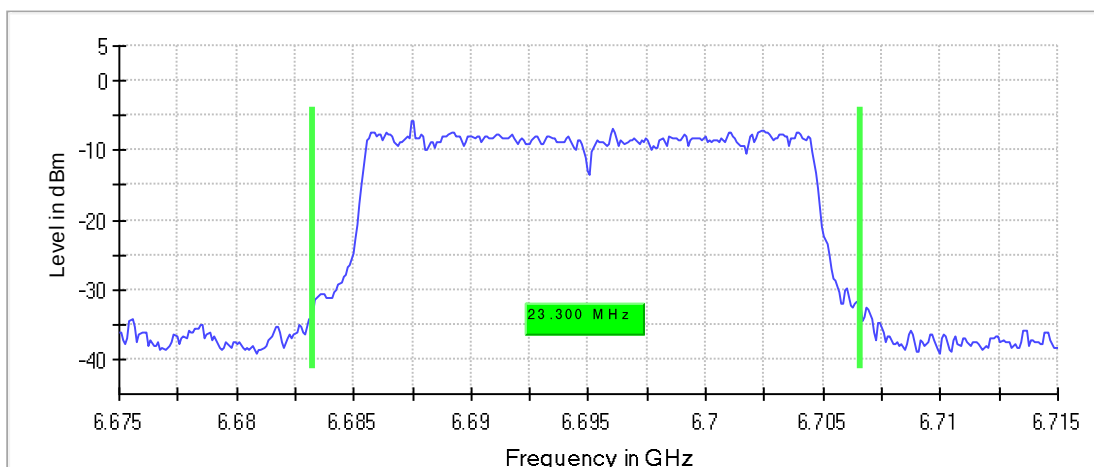
## Emission Bandwidth 26 dB (6695 MHz; 24.000 dBm; 20 MHz)

### 26 dB Bandwidth

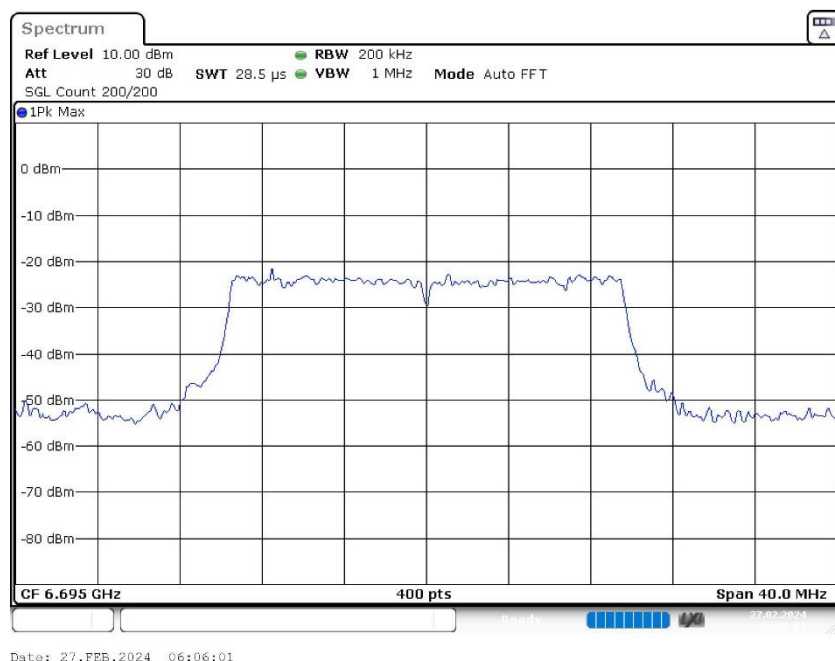
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------|
| 6695.000000         | 23.300000       | ---             | 320.000000      | 6683.250000          | ---            |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------------|----------------------|-----------------|--------|
| 6695.000000         | 6706.550000           | ---                  | -5.7            | PASS   |

26 dB Bandwidth



Bandwidth



## In-Band Emissions (6695 MHz; 24.000 dBm; 20 MHz)

### Result

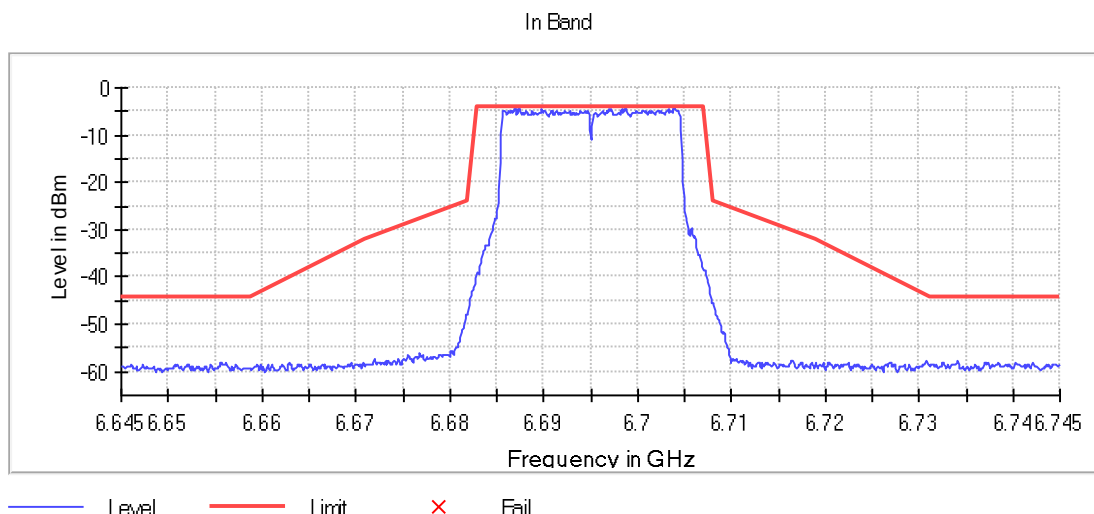
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6695.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6703.950000     | -4.2        |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6703.950000     | -4.2        | 0.0         | -4.2        | PASS   |
| 6686.950000     | -4.3        | 0.1         | -4.2        | PASS   |
| 6703.850000     | -4.3        | 0.1         | -4.2        | PASS   |
| 6698.350000     | -4.3        | 0.2         | -4.2        | PASS   |
| 6687.050000     | -4.4        | 0.3         | -4.2        | PASS   |
| 6697.050000     | -4.5        | 0.3         | -4.2        | PASS   |
| 6687.450000     | -4.5        | 0.4         | -4.2        | PASS   |
| 6698.650000     | -4.5        | 0.4         | -4.2        | PASS   |
| 6704.050000     | -4.5        | 0.4         | -4.2        | PASS   |
| 6703.350000     | -4.6        | 0.4         | -4.2        | PASS   |
| 6687.350000     | -4.6        | 0.4         | -4.2        | PASS   |
| 6698.750000     | -4.6        | 0.4         | -4.2        | PASS   |
| 6689.750000     | -4.6        | 0.5         | -4.2        | PASS   |
| 6703.250000     | -4.6        | 0.5         | -4.2        | PASS   |
| 6697.250000     | -4.6        | 0.5         | -4.2        | PASS   |



## Measurement 1

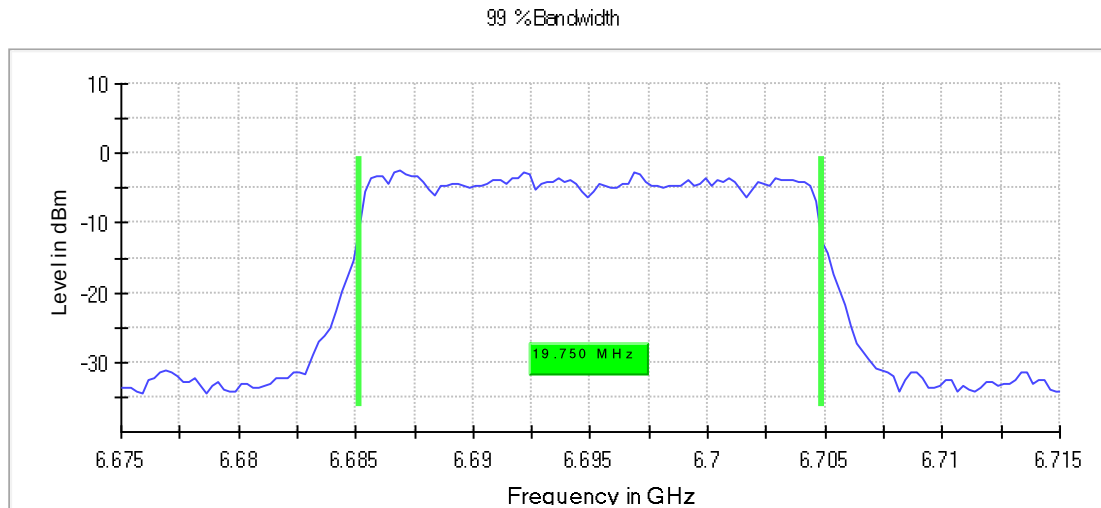
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.64500 GHz      | 6.64500 GHz   |
| Stop Frequency  | 6.74500 GHz      | 6.74500 GHz   |
| Span            | 100.000 MHz      | 100.000 MHz   |
| RBW             | 200.000 kHz      | ~ 200.000 kHz |
| VBW             | 1.000 MHz        | ~ 800.000 kHz |
| SweepPoints     | 1000             | ~ 1000        |
| SweepTime       | 1.050 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6695 MHz; 24.000 dBm; 20 MHz)**

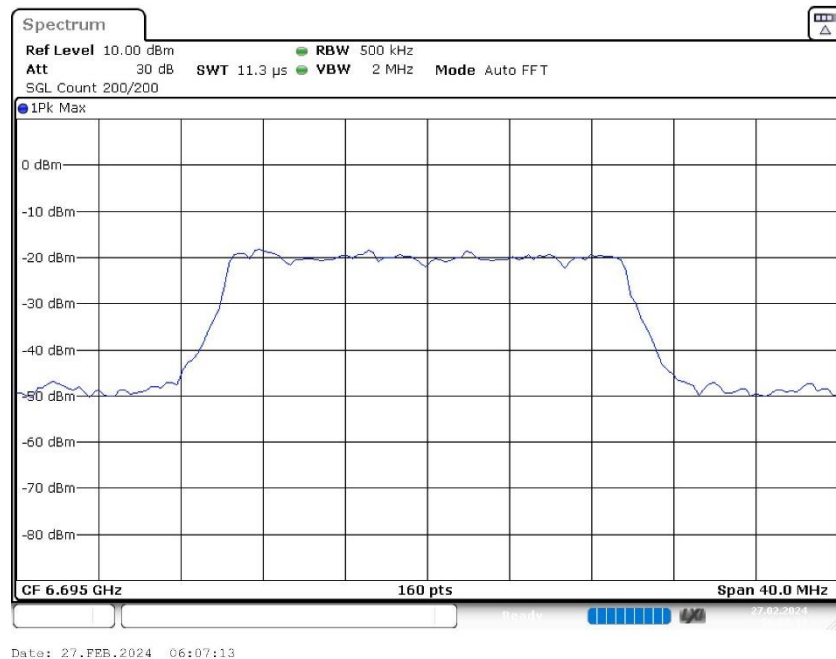
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| 6695.000000         | 19.750000       | ---             | 320.000000      | 6685.125000          | 5925.000000          |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|-----------------------|----------------------|--------|
| 6695.000000         | 6704.875000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value       |
|-----------------|------------------|--------------------|
| Start Frequency | 6.67500 GHz      | 6.67500 GHz        |
| Stop Frequency  | 6.71500 GHz      | 6.71500 GHz        |
| Span            | 40.000 MHz       | 40.000 MHz         |
| RBW             | 500.000 kHz      | $\geq$ 500.000 kHz |
| VBW             | 2.000 MHz        | $\geq$ 1.500 MHz   |
| SweepPoints     | 160              | $\sim$ 160         |
| SweepTime       | 11.344 $\mu$ s   | AUTO               |
| Reference Level | 10.000 dBm       | 10.000 dBm         |

|             |           |          |
|-------------|-----------|----------|
| Attenuation | 30.000 dB | AUTO     |
| Detector    | MaxPeak   | MaxPeak  |
| SweepCount  | 200       | 200      |
| Filter      | 3 dB      | 3 dB     |
| Trace Mode  | Max Hold  | Max Hold |
| SweepType   | FFT       | AUTO     |
| Preamp      | off       | off      |

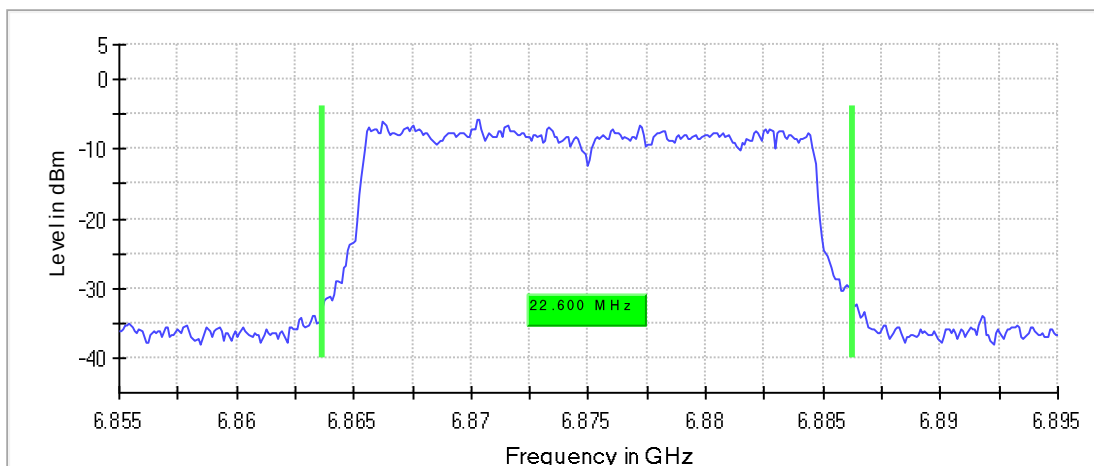
## Emission Bandwidth 26 dB (6875 MHz; 24.000 dBm; 20 MHz)

### 26 dB Bandwidth

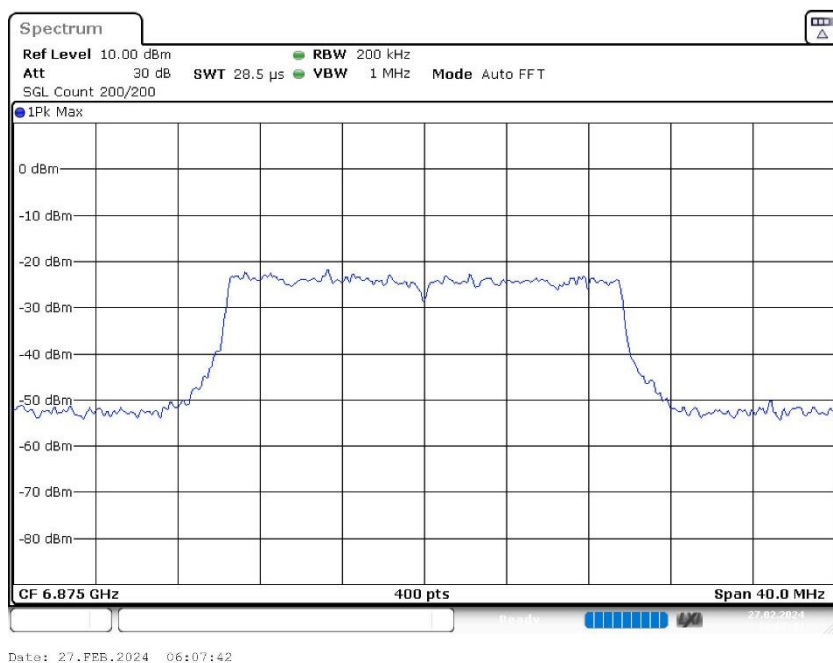
| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 7 (MHz) | Bandwidth U-NII 8 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6875.000000         | 22.600000       | 11.350000               | 11.250000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|-----------------|--------|
| 6875.000000         | 6863.650000          | ---                  | 6886.250000           | ---                  | -5.7            | PASS   |

26 dB Bandwidth



Bandwidth



## In-Band Emissions (6875 MHz; 24.000 dBm; 20 MHz)

### Result

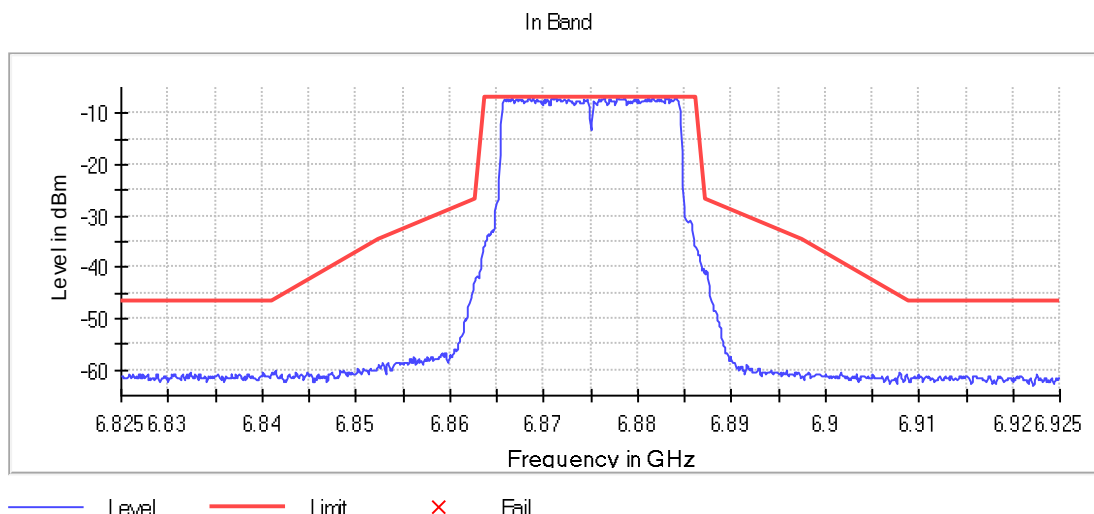
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6875.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6877.850000     | -6.7        |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6877.850000     | -6.7        | 0.0         | -6.7        | PASS   |
| 6884.050000     | -6.7        | 0.0         | -6.7        | PASS   |
| 6871.350000     | -6.8        | 0.1         | -6.7        | PASS   |
| 6883.250000     | -6.8        | 0.1         | -6.7        | PASS   |
| 6884.150000     | -6.9        | 0.2         | -6.7        | PASS   |
| 6868.450000     | -6.9        | 0.2         | -6.7        | PASS   |
| 6871.250000     | -6.9        | 0.2         | -6.7        | PASS   |
| 6882.950000     | -6.9        | 0.2         | -6.7        | PASS   |
| 6881.150000     | -6.9        | 0.2         | -6.7        | PASS   |
| 6881.650000     | -7.0        | 0.3         | -6.7        | PASS   |
| 6870.950000     | -7.0        | 0.3         | -6.7        | PASS   |
| 6866.650000     | -7.0        | 0.3         | -6.7        | PASS   |
| 6878.650000     | -7.0        | 0.3         | -6.7        | PASS   |
| 6876.450000     | -7.0        | 0.3         | -6.7        | PASS   |
| 6877.950000     | -7.0        | 0.3         | -6.7        | PASS   |



## Measurement 1

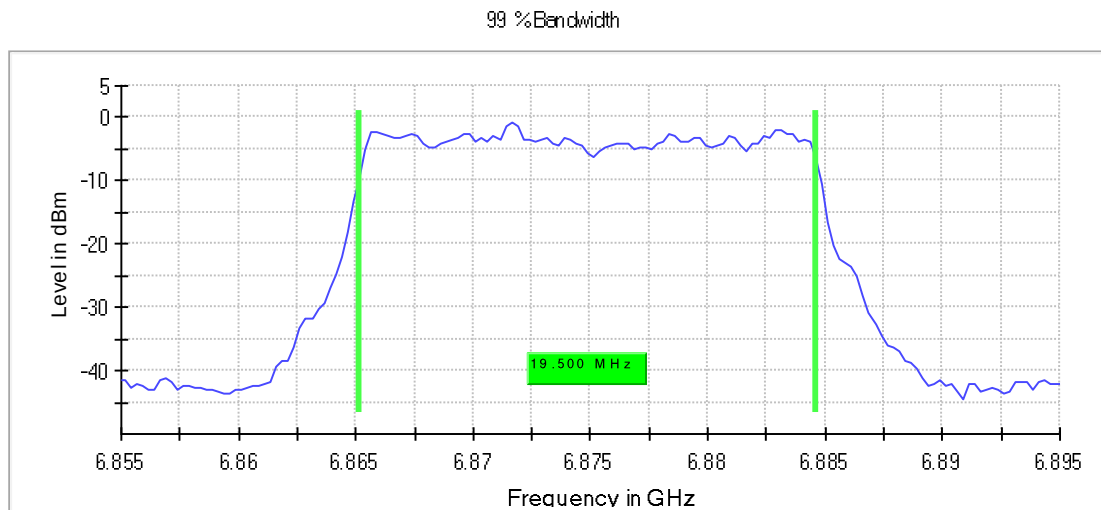
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.48500 GHz      | 6.48500 GHz   |
| Stop Frequency  | 6.58500 GHz      | 6.58500 GHz   |
| Span            | 100.000 MHz      | 100.000 MHz   |
| RBW             | 200.000 kHz      | ~ 200.000 kHz |
| VBW             | 1.000 MHz        | ~ 800.000 kHz |
| SweepPoints     | 1000             | ~ 1000        |
| SweepTime       | 1.050 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6875 MHz; 24.000 dBm; 20 MHz)**

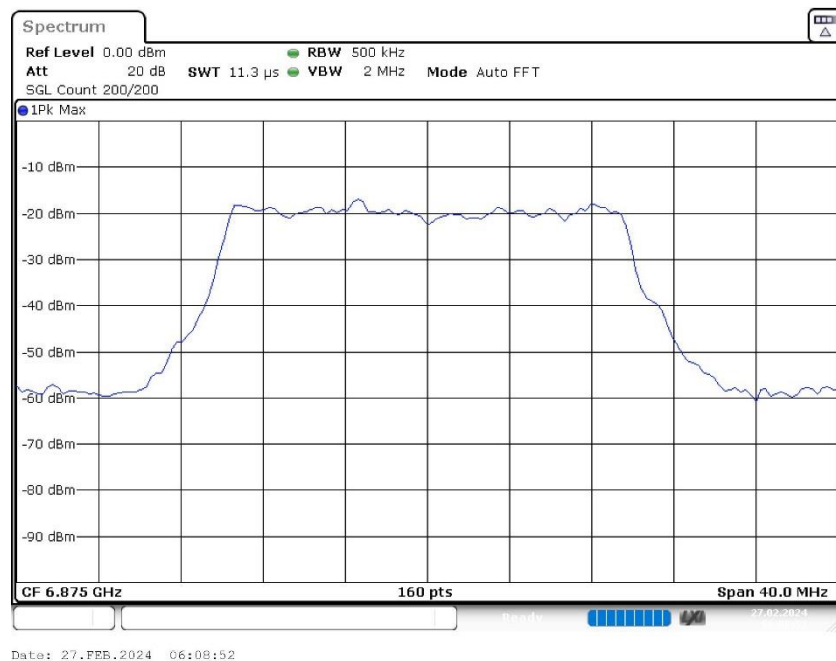
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 7 (MHz) | Bandwidth U-NII 8 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6875.000000         | 19.500000       | 9.875000                | 9.625000                | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|--------|
| 6875.000000         | 6865.125000          | 5925.000000          | 6884.625000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 6.85500 GHz      | 6.85500 GHz    |
| Stop Frequency  | 6.89500 GHz      | 6.89500 GHz    |
| Span            | 40.000 MHz       | 40.000 MHz     |
| RBW             | 500.000 kHz      | >= 500.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 160              | ~ 160          |
| Sweptime        | 11.344 $\mu$ s   | AUTO           |
| Reference Level | 0.000 dBm        | 0.000 dBm      |

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

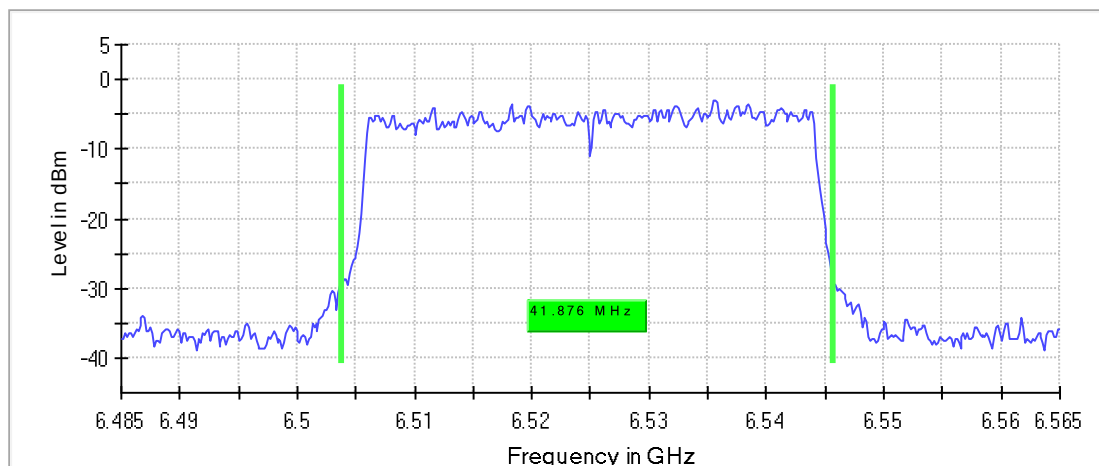
## Emission Bandwidth 26 dB (6525 MHz; 24.000 dBm; 40 MHz)

### 26 dB Bandwidth

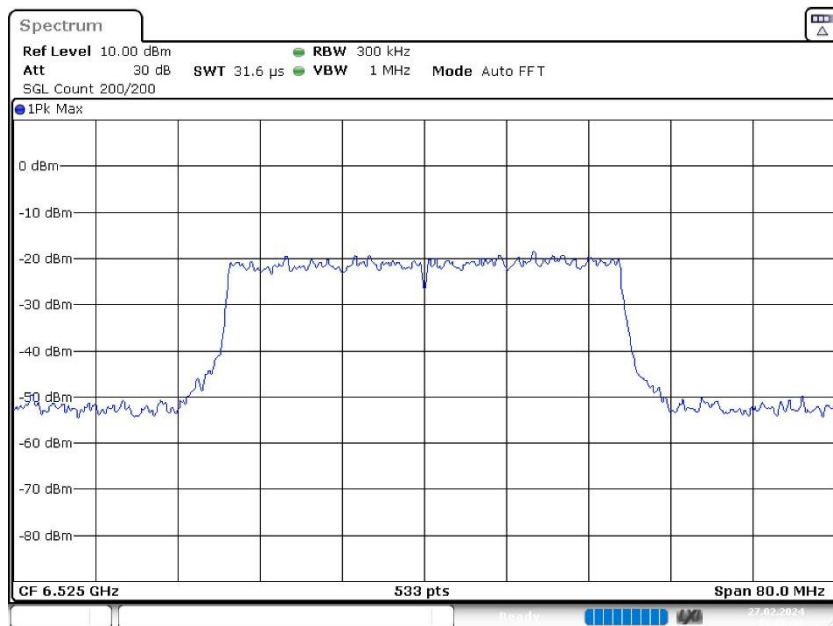
| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 6 (MHz) | Bandwidth U-NII 7 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6525.000000         | 41.876173       | 21.163227               | 20.712946               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|-----------------|--------|
| 6525.000000         | 6503.836773          | ---                  | 6545.712946           | ---                  | -2.9            | PASS   |

26 dB Bandwidth



Bandwidth



Date: 27.FEB.2024 06:09:09

## In-Band Emissions (6525 MHz; 24.000 dBm; 40 MHz)

### Result

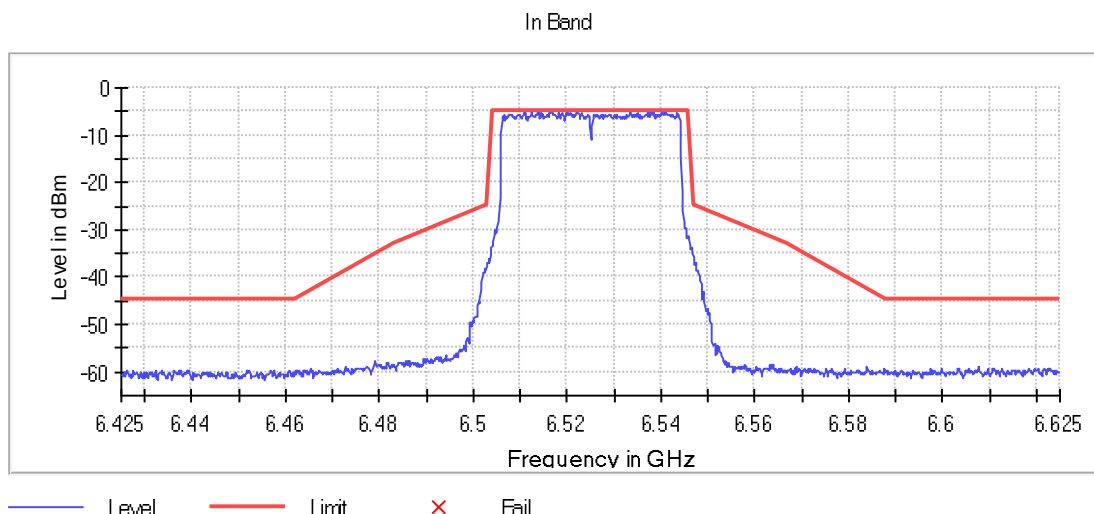
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6525.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6533.402101     | -4.9        |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6533.402101     | -4.9        | 0.0         | -4.9        | PASS   |
| 6512.396849     | -4.9        | 0.0         | -4.9        | PASS   |
| 6538.353338     | -4.9        | 0.1         | -4.9        | PASS   |
| 6513.897224     | -5.0        | 0.1         | -4.9        | PASS   |
| 6516.747937     | -5.0        | 0.1         | -4.9        | PASS   |
| 6541.054014     | -5.1        | 0.2         | -4.9        | PASS   |
| 6537.153038     | -5.1        | 0.2         | -4.9        | PASS   |
| 6518.848462     | -5.1        | 0.2         | -4.9        | PASS   |
| 6516.447862     | -5.1        | 0.2         | -4.9        | PASS   |
| 6540.303826     | -5.2        | 0.3         | -4.9        | PASS   |
| 6513.747187     | -5.2        | 0.3         | -4.9        | PASS   |
| 6522.449362     | -5.2        | 0.3         | -4.9        | PASS   |
| 6522.299325     | -5.2        | 0.4         | -4.9        | PASS   |
| 6522.149287     | -5.2        | 0.4         | -4.9        | PASS   |
| 6523.049512     | -5.2        | 0.4         | -4.9        | PASS   |



## Measurement 1

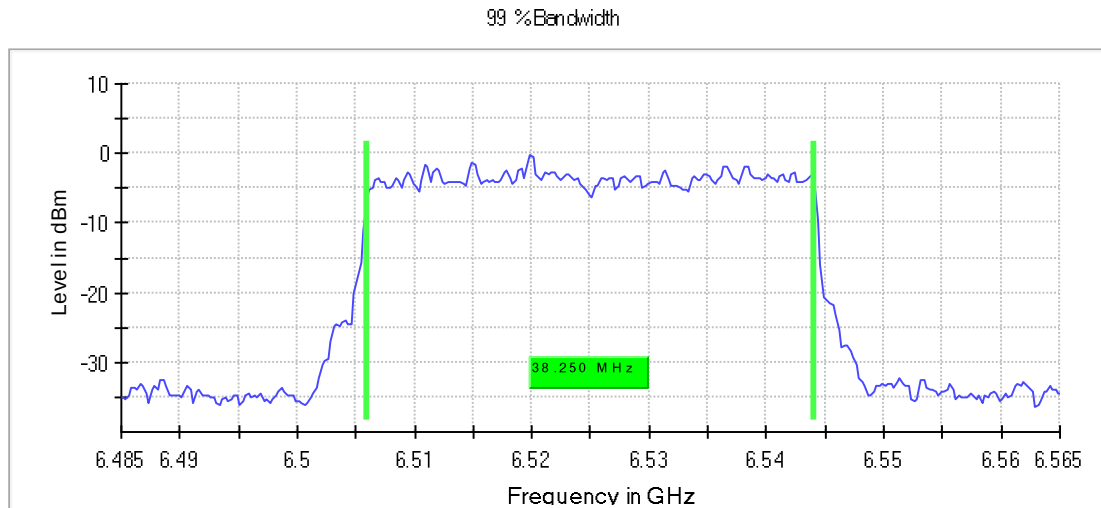
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.42500 GHz      | 6.42500 GHz   |
| Stop Frequency  | 6.62500 GHz      | 6.62500 GHz   |
| Span            | 200.000 MHz      | 200.000 MHz   |
| RBW             | 300.000 kHz      | ~ 400.000 kHz |
| VBW             | 1.000 MHz        | ~ 900.000 kHz |
| SweepPoints     | 1333             | ~ 1333        |
| SweepTime       | 1.340 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6525 MHz; 24.000 dBm; 40 MHz)**

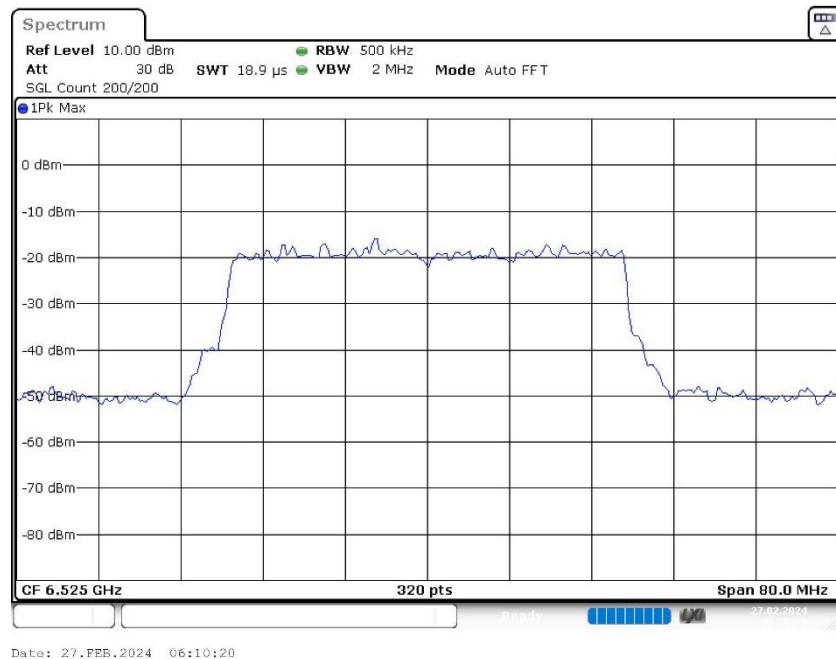
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 6 (MHz) | Bandwidth U-NII 7 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6525.000000         | 38.250000       | 19.125000               | 19.125000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|--------|
| 6525.000000         | 6505.875000          | 5925.000000          | 6544.125000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 6.48500 GHz      | 6.48500 GHz    |
| Stop Frequency  | 6.56500 GHz      | 6.56500 GHz    |
| Span            | 80.000 MHz       | 80.000 MHz     |
| RBW             | 500.000 kHz      | >= 400.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 320              | ~ 320          |
| Sweptime        | 18.906 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |

|             |           |          |
|-------------|-----------|----------|
| Attenuation | 30.000 dB | AUTO     |
| Detector    | MaxPeak   | MaxPeak  |
| SweepCount  | 200       | 200      |
| Filter      | 3 dB      | 3 dB     |
| Trace Mode  | Max Hold  | Max Hold |
| SweepType   | FFT       | AUTO     |
| Preamp      | off       | off      |

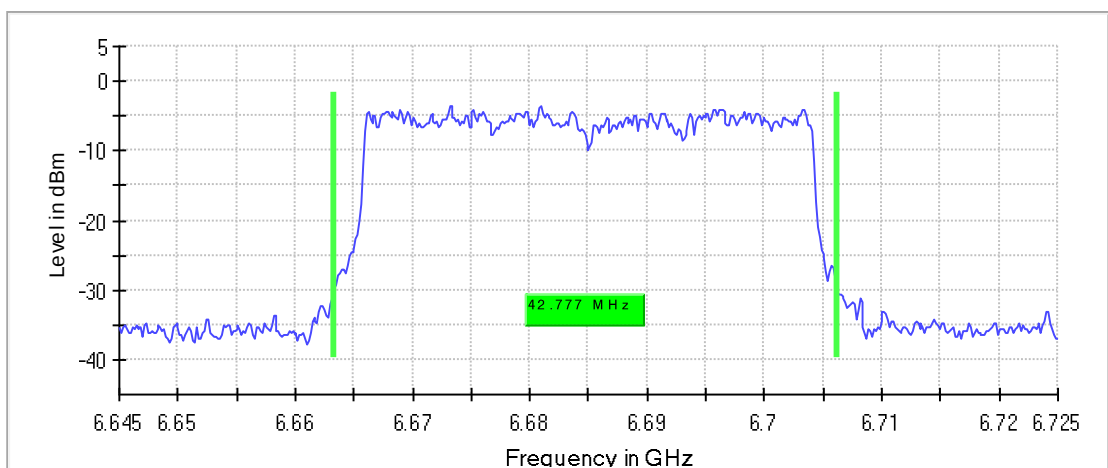
## Emission Bandwidth 26 dB (6685 MHz; 24.000 dBm; 40 MHz)

### 26 dB Bandwidth

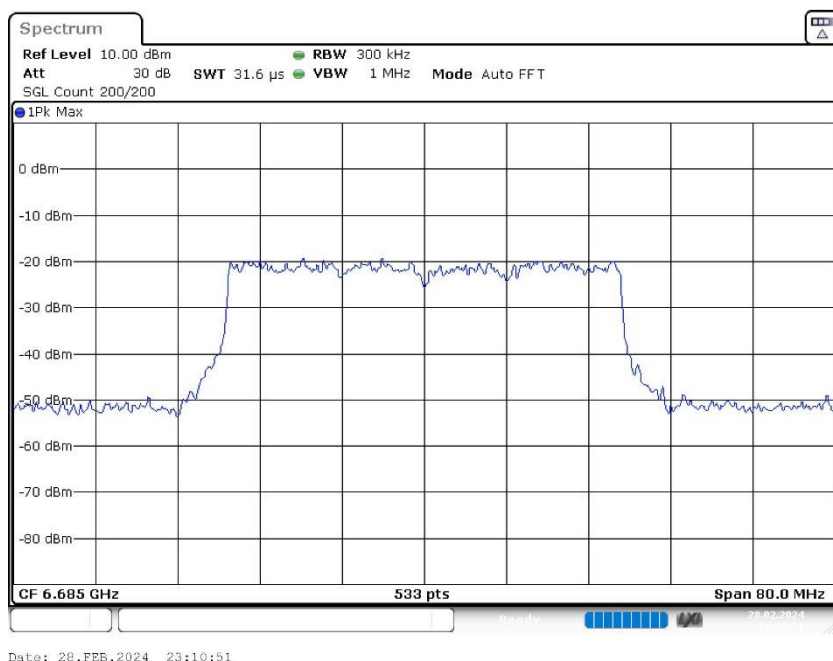
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------|
| 6685.000000         | 42.776735       | ---             | 320.000000      | 6663.386492          | ---            |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------------|----------------------|-----------------|--------|
| 6685.000000         | 6706.163227           | ---                  | -3.5            | PASS   |

26 dB Bandwidth



Bandwidth



## In-Band Emissions (6685 MHz; 24.000 dBm; 40 MHz)

### Result

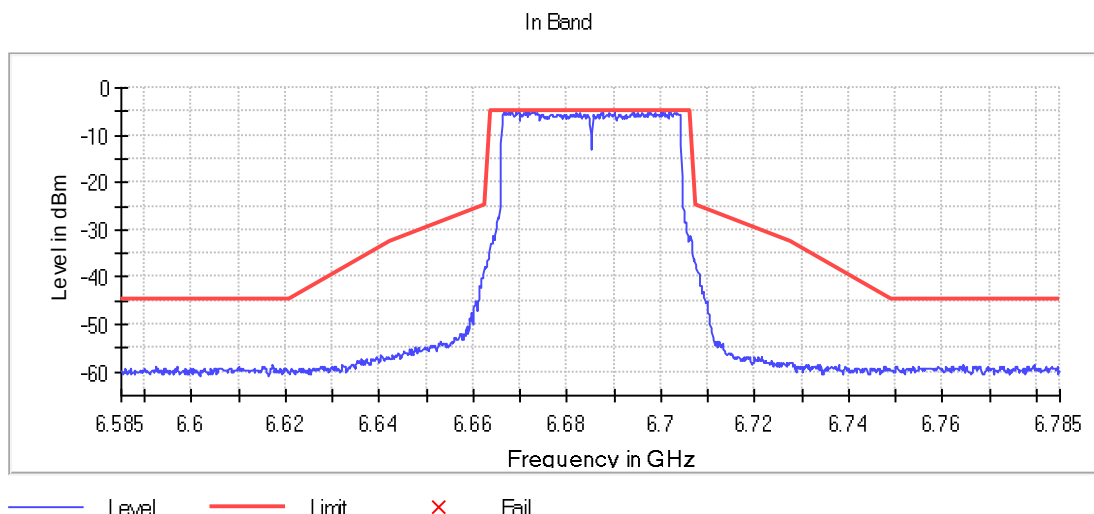
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6685.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6668.345836     | -4.7        |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6668.345836     | -4.7        | 0.0         | -4.7        | PASS   |
| 6668.195799     | -4.8        | 0.1         | -4.7        | PASS   |
| 6701.804201     | -4.9        | 0.2         | -4.7        | PASS   |
| 6697.753188     | -4.9        | 0.3         | -4.7        | PASS   |
| 6700.003751     | -5.0        | 0.3         | -4.7        | PASS   |
| 6668.045761     | -5.0        | 0.3         | -4.7        | PASS   |
| 6666.695424     | -5.1        | 0.4         | -4.7        | PASS   |
| 6672.246812     | -5.1        | 0.4         | -4.7        | PASS   |
| 6703.304576     | -5.1        | 0.4         | -4.7        | PASS   |
| 6666.545386     | -5.1        | 0.4         | -4.7        | PASS   |
| 6672.396849     | -5.2        | 0.5         | -4.7        | PASS   |
| 6697.603151     | -5.2        | 0.5         | -4.7        | PASS   |
| 6668.495874     | -5.2        | 0.5         | -4.7        | PASS   |
| 6669.396099     | -5.2        | 0.5         | -4.7        | PASS   |
| 6702.854464     | -5.2        | 0.5         | -4.7        | PASS   |



## Measurement 1

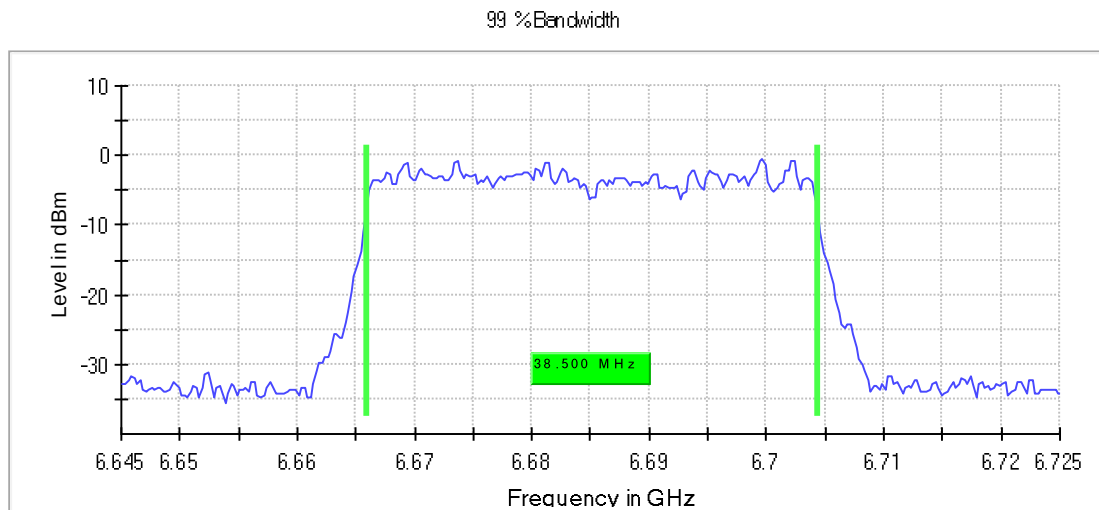
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.42500 GHz      | 6.42500 GHz   |
| Stop Frequency  | 6.62500 GHz      | 6.62500 GHz   |
| Span            | 200.000 MHz      | 200.000 MHz   |
| RBW             | 300.000 kHz      | ~ 400.000 kHz |
| VBW             | 1.000 MHz        | ~ 900.000 kHz |
| SweepPoints     | 1333             | ~ 1333        |
| SweepTime       | 1.340 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6685 MHz; 24.000 dBm; 40 MHz)**

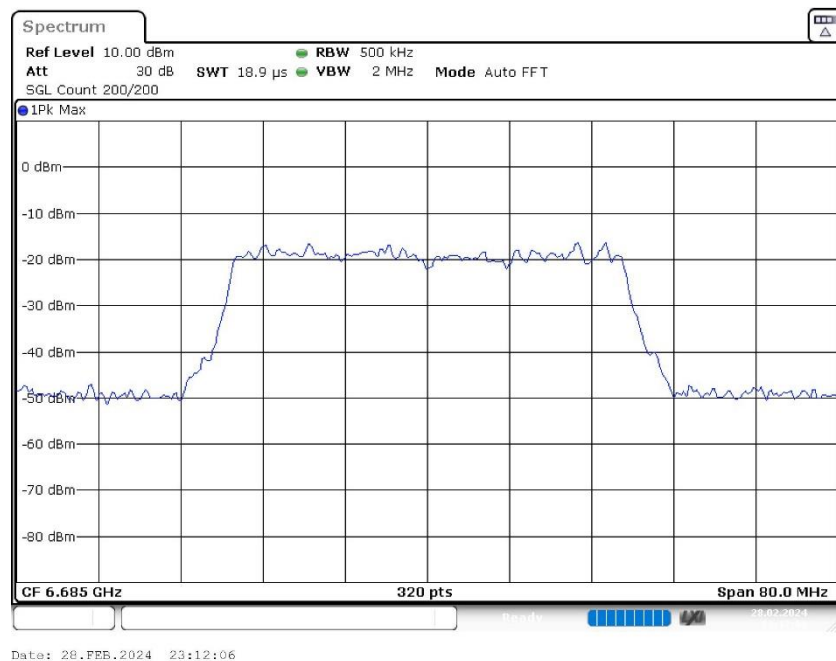
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| 6685.000000         | 38.500000       | ---             | 320.000000      | 6665.875000          | 5925.000000          |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|-----------------------|----------------------|--------|
| 6685.000000         | 6704.375000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 6.64500 GHz      | 6.64500 GHz    |
| Stop Frequency  | 6.72500 GHz      | 6.72500 GHz    |
| Span            | 80.000 MHz       | 80.000 MHz     |
| RBW             | 500.000 kHz      | >= 400.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 320              | ~ 320          |
| Sweptime        | 18.906 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |

|             |           |          |
|-------------|-----------|----------|
| Attenuation | 30.000 dB | AUTO     |
| Detector    | MaxPeak   | MaxPeak  |
| SweepCount  | 200       | 200      |
| Filter      | 3 dB      | 3 dB     |
| Trace Mode  | Max Hold  | Max Hold |
| SweepType   | FFT       | AUTO     |
| Preamp      | off       | off      |

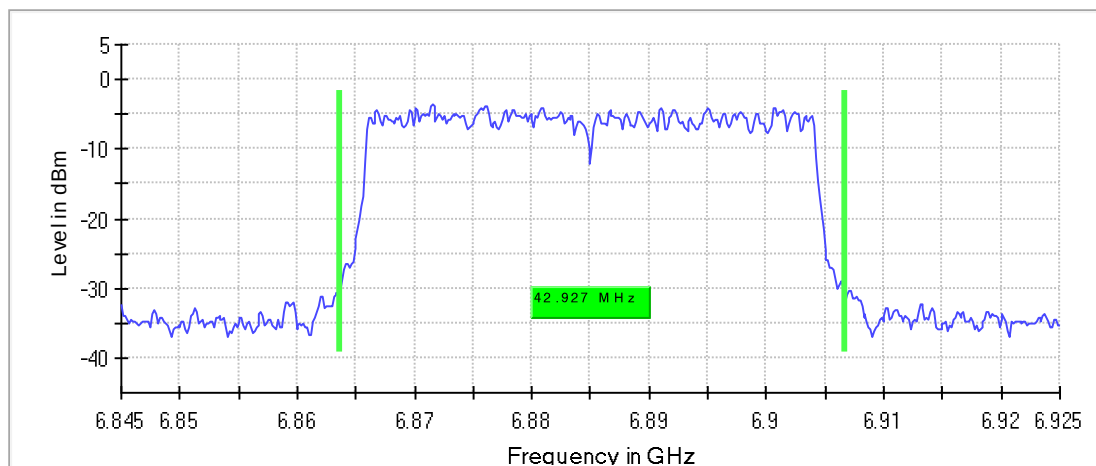
## Emission Bandwidth 26 dB (6885 MHz; 24.000 dBm; 40 MHz)

### 26 dB Bandwidth

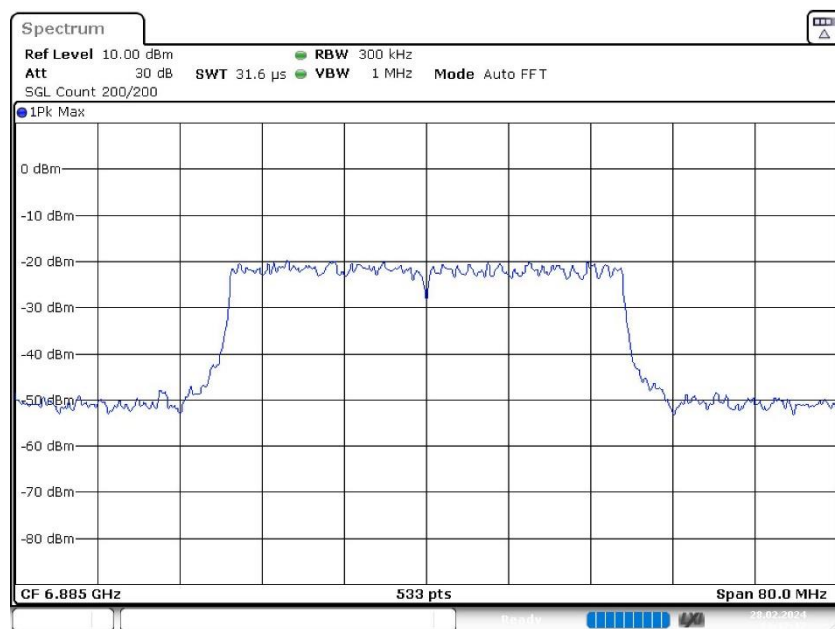
| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 7 (MHz) | Bandwidth U-NII 8 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6885.000000         | 42.926829       | 11.313321               | 31.613508               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|-----------------|--------|
| 6885.000000         | 6863.686679          | ---                  | 6906.613508           | ---                  | -3.7            | PASS   |

26 dB Bandwidth



Bandwidth



Date: 28.FEB.2024 23:12:17

## In-Band Emissions (6885 MHz; 24.000 dBm; 40 MHz)

### Result

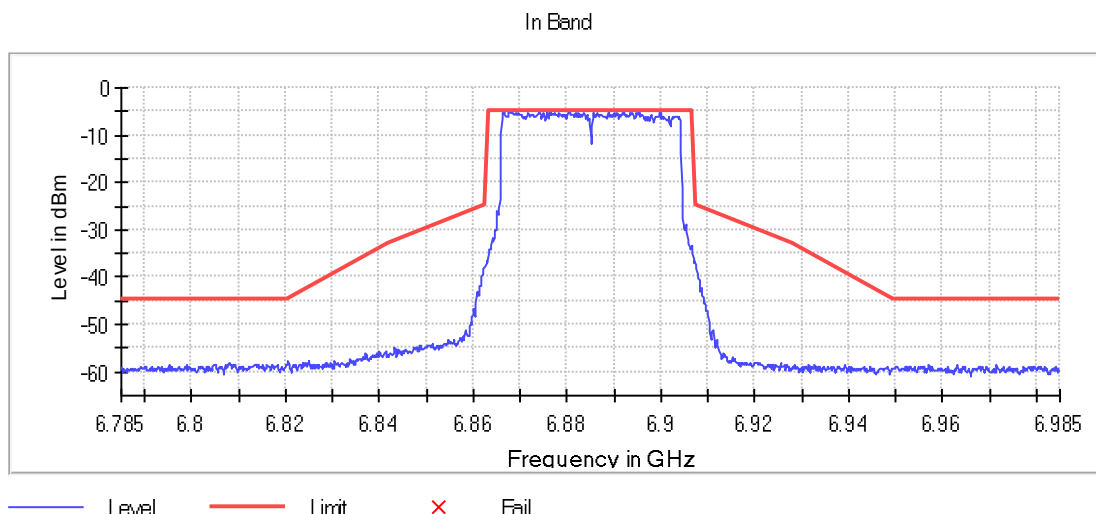
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6885.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6867.595649     | -4.8        |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6868.345836     | -4.9        | 0.1         | -4.8        | PASS   |
| 6867.745686     | -4.9        | 0.2         | -4.8        | PASS   |
| 6874.047262     | -5.0        | 0.2         | -4.8        | PASS   |
| 6880.348837     | -5.0        | 0.2         | -4.8        | PASS   |
| 6866.545386     | -5.0        | 0.3         | -4.8        | PASS   |
| 6888.750938     | -5.1        | 0.3         | -4.8        | PASS   |
| 6868.945986     | -5.1        | 0.3         | -4.8        | PASS   |
| 6885.600150     | -5.1        | 0.3         | -4.8        | PASS   |
| 6869.546137     | -5.2        | 0.4         | -4.8        | PASS   |
| 6868.495874     | -5.2        | 0.4         | -4.8        | PASS   |
| 6874.197299     | -5.2        | 0.4         | -4.8        | PASS   |
| 6895.202551     | -5.2        | 0.4         | -4.8        | PASS   |
| 6876.447862     | -5.2        | 0.4         | -4.8        | PASS   |
| 6893.852213     | -5.2        | 0.4         | -4.8        | PASS   |
| 6866.395349     | -5.2        | 0.4         | -4.8        | PASS   |



## Measurement 1

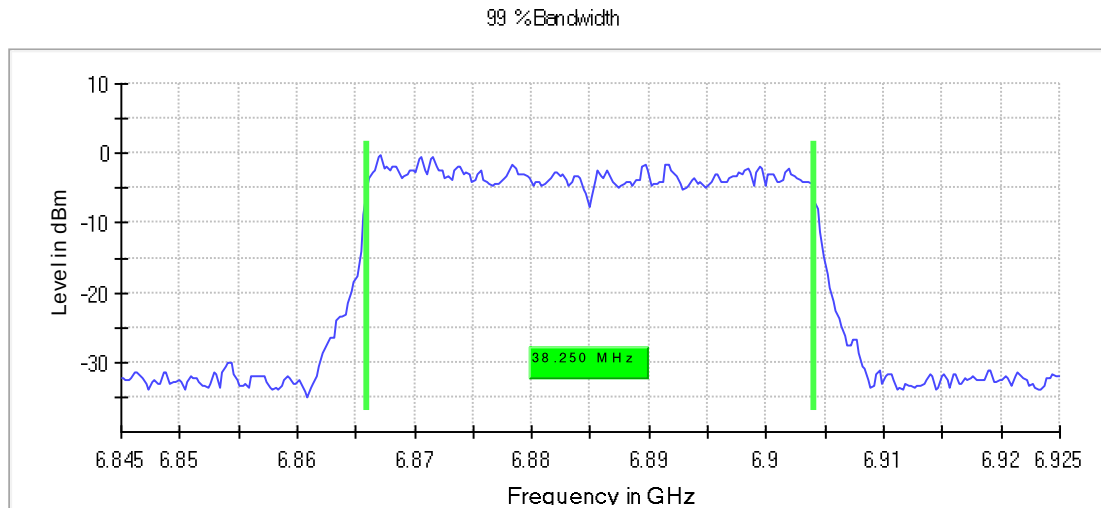
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.42500 GHz      | 6.42500 GHz   |
| Stop Frequency  | 6.62500 GHz      | 6.62500 GHz   |
| Span            | 200.000 MHz      | 200.000 MHz   |
| RBW             | 300.000 kHz      | ~ 400.000 kHz |
| VBW             | 1.000 MHz        | ~ 900.000 kHz |
| SweepPoints     | 1333             | ~ 1333        |
| SweepTime       | 1.340 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6885 MHz; 24.000 dBm; 40 MHz)**

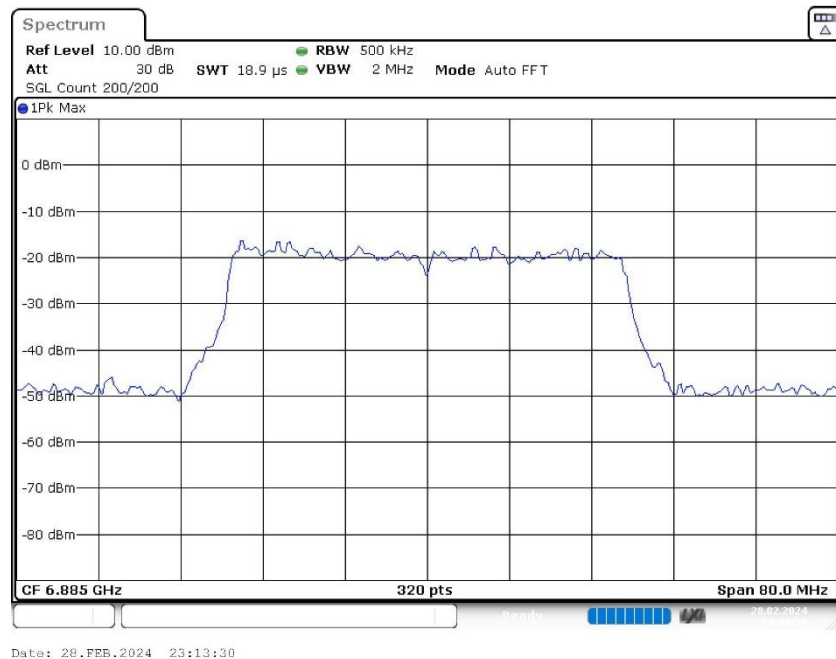
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 7 (MHz) | Bandwidth U-NII 8 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6885.000000         | 38.250000       | 9.125000                | 29.125000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|--------|
| 6885.000000         | 6865.875000          | 5925.000000          | 6904.125000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 6.84500 GHz      | 6.84500 GHz    |
| Stop Frequency  | 6.92500 GHz      | 6.92500 GHz    |
| Span            | 80.000 MHz       | 80.000 MHz     |
| RBW             | 500.000 kHz      | >= 400.000 kHz |
| VBW             | 2.000 MHz        | >= 1.500 MHz   |
| SweepPoints     | 320              | ~ 320          |
| Sweptime        | 18.906 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |

|              |           |          |
|--------------|-----------|----------|
| Attenuation  | 30.000 dB | AUTO     |
| Detector     | MaxPeak   | MaxPeak  |
| SweepCount   | 200       | 200      |
| Filter       | 3 dB      | 3 dB     |
| Trace Mode   | Max Hold  | Max Hold |
| SweepType    | FFT       | AUTO     |
| Preamplifier | off       | off      |

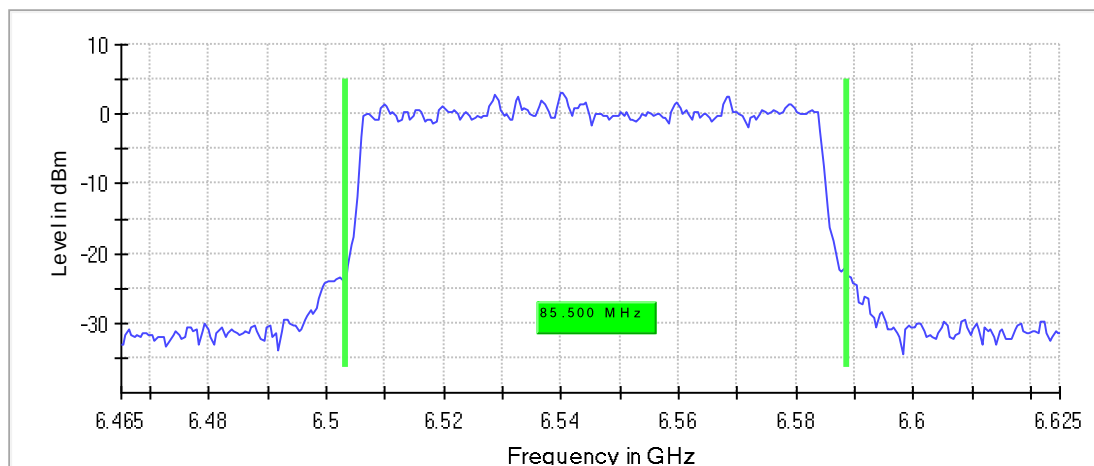
## Emission Bandwidth 26 dB (6545 MHz; 24.000 dBm; 80 MHz)

### 26 dB Bandwidth

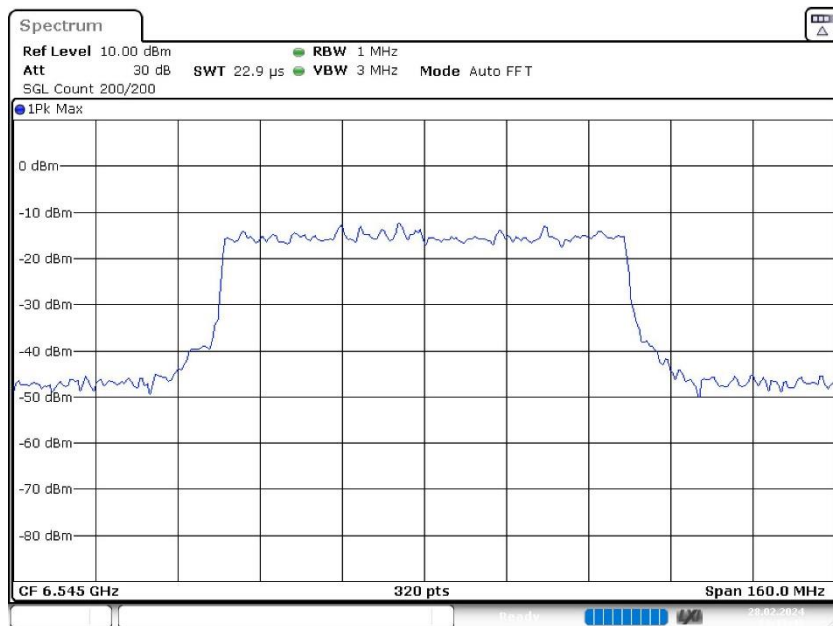
| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 6 (MHz) | Bandwidth U-NII 7 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6545.000000         | 85.500000       | 21.750000               | 63.750000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|-----------------|--------|
| 6545.000000         | 6503.250000          | ---                  | 6588.750000           | ---                  | 3.1             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 28.FEB.2024 23:13:49

## In-Band Emissions (6545 MHz; 24.000 dBm; 80 MHz)

### Result

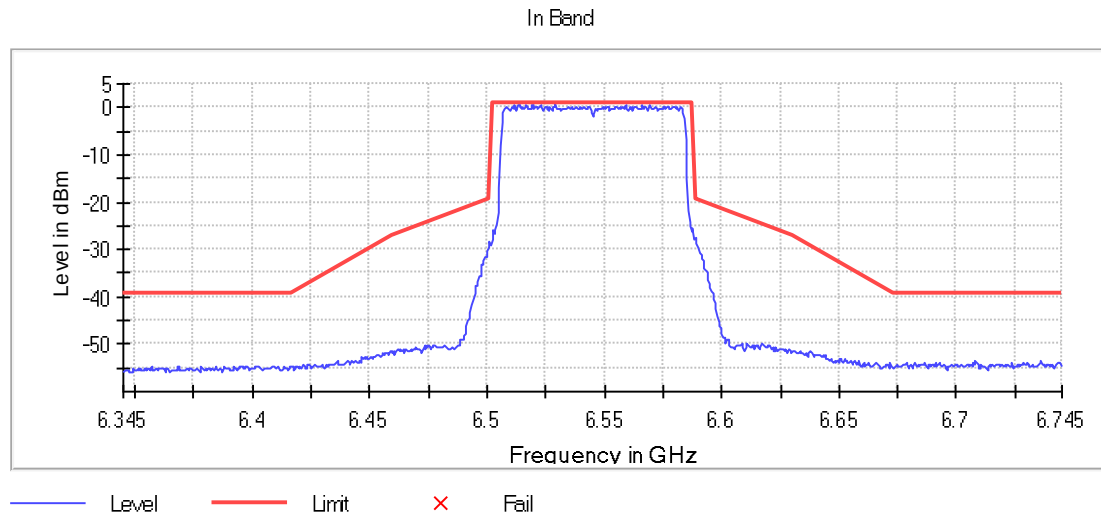
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6545.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6529.250000     | 0.8         |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6529.250000     | 0.8         | 0.0         | 0.8         | PASS   |
| 6513.250000     | 0.5         | 0.2         | 0.8         | PASS   |
| 6569.250000     | 0.5         | 0.3         | 0.8         | PASS   |
| 6566.250000     | 0.5         | 0.3         | 0.8         | PASS   |
| 6519.750000     | 0.4         | 0.4         | 0.8         | PASS   |
| 6559.250000     | 0.4         | 0.4         | 0.8         | PASS   |
| 6522.750000     | 0.4         | 0.4         | 0.8         | PASS   |
| 6511.750000     | 0.4         | 0.4         | 0.8         | PASS   |
| 6513.750000     | 0.3         | 0.4         | 0.8         | PASS   |
| 6519.250000     | 0.3         | 0.4         | 0.8         | PASS   |
| 6516.750000     | 0.3         | 0.4         | 0.8         | PASS   |
| 6554.750000     | 0.3         | 0.4         | 0.8         | PASS   |
| 6561.750000     | 0.3         | 0.5         | 0.8         | PASS   |
| 6517.250000     | 0.3         | 0.5         | 0.8         | PASS   |
| 6579.250000     | 0.3         | 0.5         | 0.8         | PASS   |



## Measurement 1

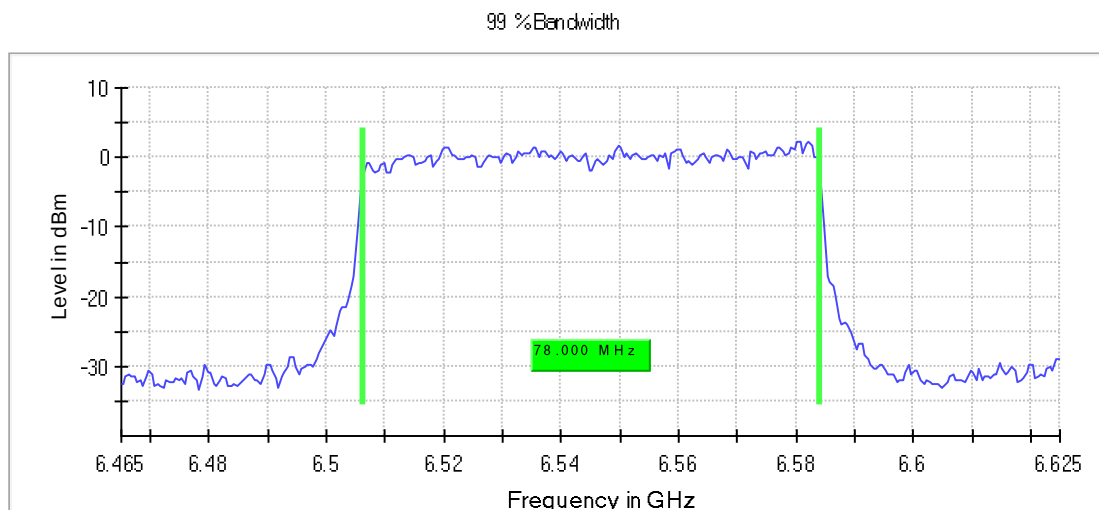
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.34500 GHz      | 6.34500 GHz   |
| Stop Frequency  | 6.74500 GHz      | 6.74500 GHz   |
| Span            | 400.000 MHz      | 400.000 MHz   |
| RBW             | 1.000 MHz        | ~ 800.000 kHz |
| VBW             | 3.000 MHz        | ~ 3.000 MHz   |
| SweepPoints     | 800              | ~ 800         |
| Sweptime        | 1.000 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6545 MHz; 24.000 dBm; 80 MHz)**

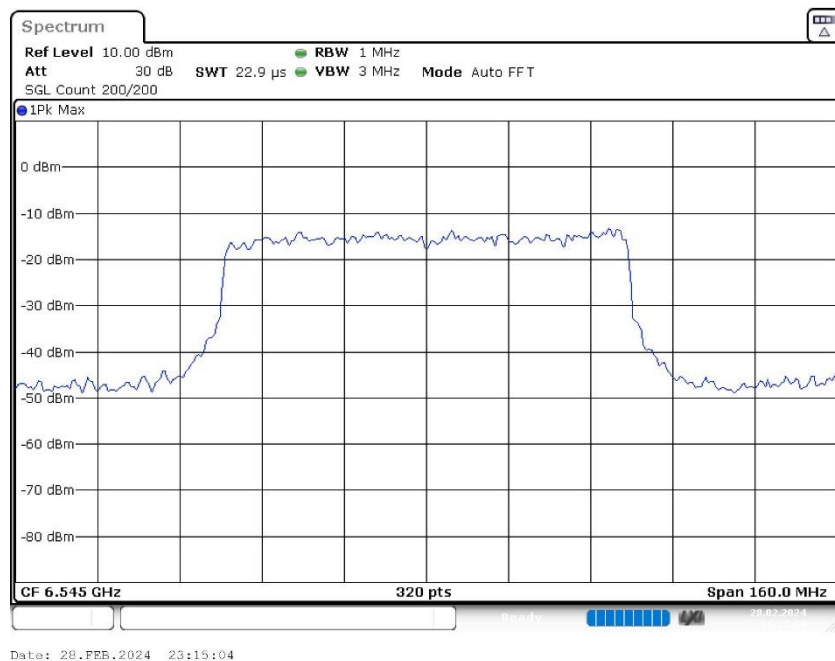
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 6 (MHz) | Bandwidth U-NII 7 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6545.000000         | 78.000000       | 18.750000               | 59.250000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|--------|
| 6545.000000         | 6506.250000          | 5925.000000          | 6584.250000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 6.46500 GHz      | 6.46500 GHz    |
| Stop Frequency  | 6.62500 GHz      | 6.62500 GHz    |
| Span            | 160.000 MHz      | 160.000 MHz    |
| RBW             | 1.000 MHz        | >= 800.000 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz   |
| SweepPoints     | 320              | ~ 320          |

|                 |                |            |
|-----------------|----------------|------------|
| SweepTime       | 22.875 $\mu$ s | AUTO       |
| Reference Level | 10.000 dBm     | 10.000 dBm |
| Attenuation     | 30.000 dB      | AUTO       |
| Detector        | MaxPeak        | MaxPeak    |
| SweepCount      | 200            | 200        |
| Filter          | 3 dB           | 3 dB       |
| Trace Mode      | Max Hold       | Max Hold   |
| SweepType       | FFT            | AUTO       |
| Preamp          | off            | off        |

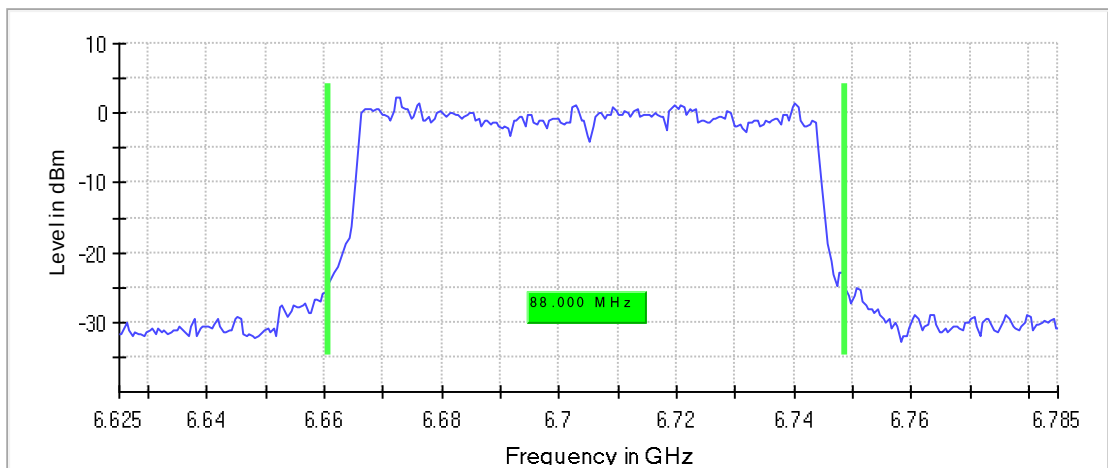
## Emission Bandwidth 26 dB (6705 MHz; 24.000 dBm; 80 MHz)

### 26 dB Bandwidth

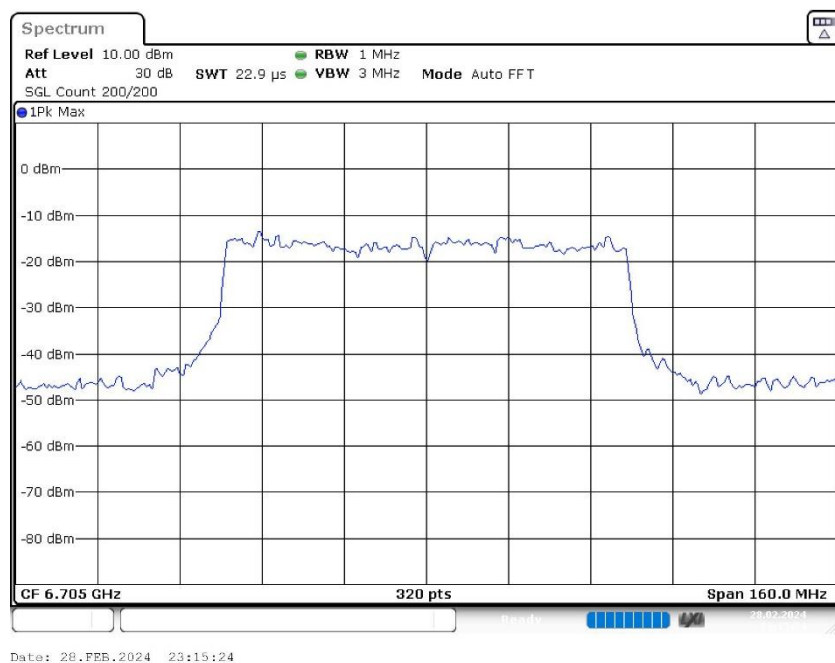
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------|
| 6705.000000         | 88.000000       | ---             | 320.000000      | 6660.750000          | ---            |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------------|----------------------|-----------------|--------|
| 6705.000000         | 6748.750000           | ---                  | 2.3             | PASS   |

26 dB Bandwidth



Bandwidth



## In-Band Emissions (6705 MHz; 24.000 dBm; 80 MHz)

### Result

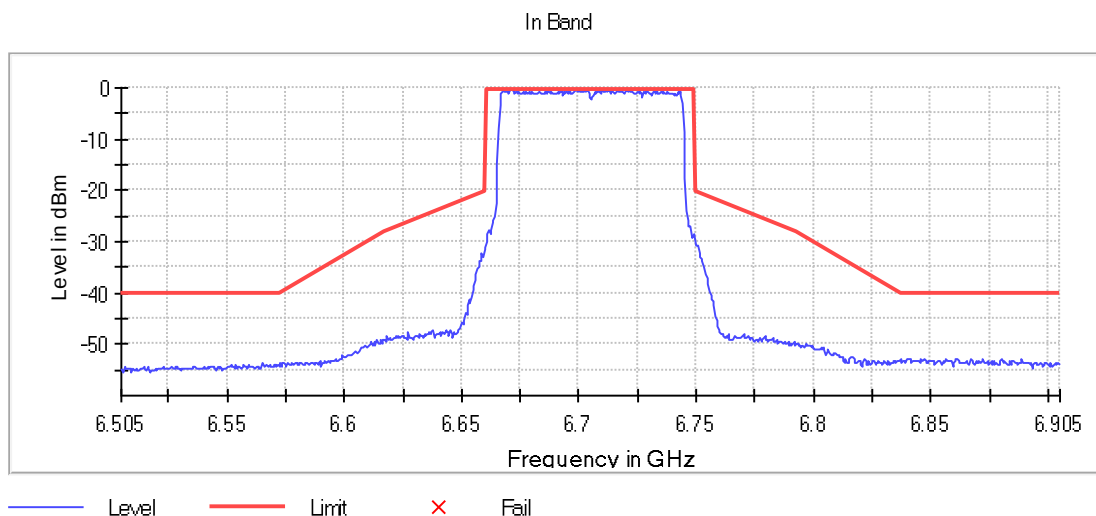
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6705.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6699.750000     | -0.3        |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6699.750000     | -0.3        | 0.0         | -0.3        | PASS   |
| 6720.250000     | -0.3        | 0.0         | -0.3        | PASS   |
| 6710.250000     | -0.3        | 0.1         | -0.3        | PASS   |
| 6671.250000     | -0.3        | 0.1         | -0.3        | PASS   |
| 6712.750000     | -0.4        | 0.1         | -0.3        | PASS   |
| 6711.750000     | -0.4        | 0.1         | -0.3        | PASS   |
| 6671.750000     | -0.4        | 0.2         | -0.3        | PASS   |
| 6703.750000     | -0.4        | 0.2         | -0.3        | PASS   |
| 6702.750000     | -0.5        | 0.2         | -0.3        | PASS   |
| 6698.750000     | -0.5        | 0.2         | -0.3        | PASS   |
| 6721.750000     | -0.5        | 0.2         | -0.3        | PASS   |
| 6667.750000     | -0.5        | 0.3         | -0.3        | PASS   |
| 6670.750000     | -0.5        | 0.3         | -0.3        | PASS   |
| 6709.750000     | -0.6        | 0.3         | -0.3        | PASS   |
| 6716.250000     | -0.6        | 0.3         | -0.3        | PASS   |



## Measurement 1

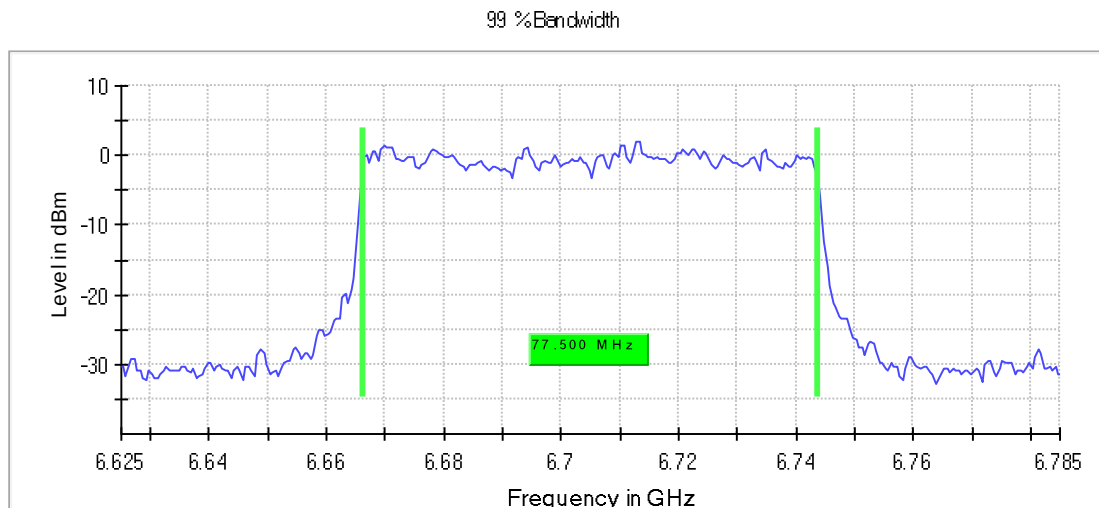
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.34500 GHz      | 6.34500 GHz   |
| Stop Frequency  | 6.74500 GHz      | 6.74500 GHz   |
| Span            | 400.000 MHz      | 400.000 MHz   |
| RBW             | 1.000 MHz        | ~ 800.000 kHz |
| VBW             | 3.000 MHz        | ~ 3.000 MHz   |
| SweepPoints     | 800              | ~ 800         |
| SweepTime       | 1.000 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| Sweeptype       | Sweep            | Sweep         |
| Preamplifier    | off              | off           |

**Occupied Channel Bandwidth 99% (6705 MHz; 24.000 dBm; 80 MHz)**

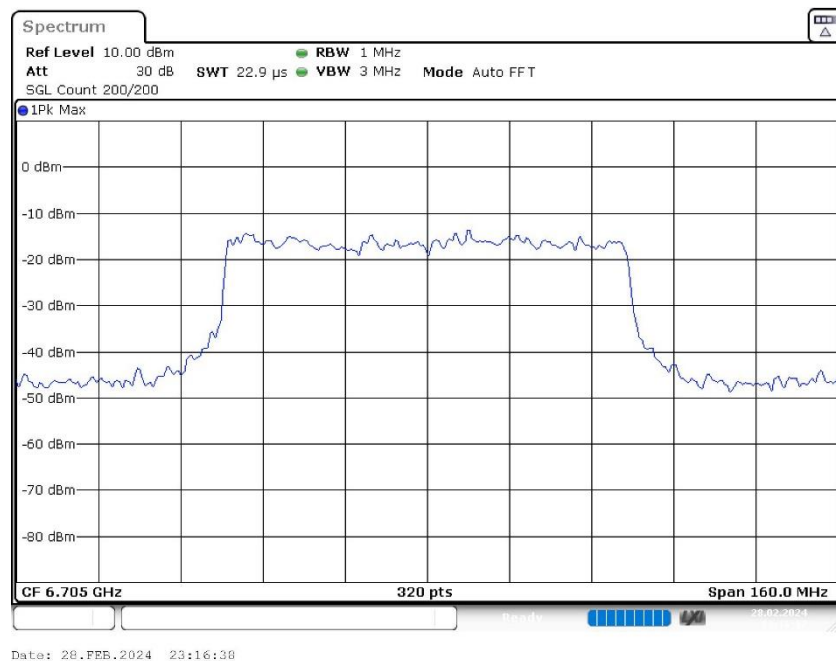
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| 6705.000000         | 77.500000       | ---             | 320.000000      | 6666.250000          | 5925.000000          |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|-----------------------|----------------------|--------|
| 6705.000000         | 6743.750000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value       |
|-----------------|------------------|--------------------|
| Start Frequency | 6.62500 GHz      | 6.62500 GHz        |
| Stop Frequency  | 6.78500 GHz      | 6.78500 GHz        |
| Span            | 160.000 MHz      | 160.000 MHz        |
| RBW             | 1.000 MHz        | $\geq 800.000$ kHz |
| VBW             | 3.000 MHz        | $\geq 3.000$ MHz   |
| SweepPoints     | 320              | $\sim 320$         |
| SweepTime       | 22.875 $\mu$ s   | AUTO               |
| Reference Level | 10.000 dBm       | 10.000 dBm         |

|             |           |          |
|-------------|-----------|----------|
| Attenuation | 30.000 dB | AUTO     |
| Detector    | MaxPeak   | MaxPeak  |
| SweepCount  | 200       | 200      |
| Filter      | 3 dB      | 3 dB     |
| Trace Mode  | Max Hold  | Max Hold |
| SweepType   | FFT       | AUTO     |
| Preamp      | off       | off      |

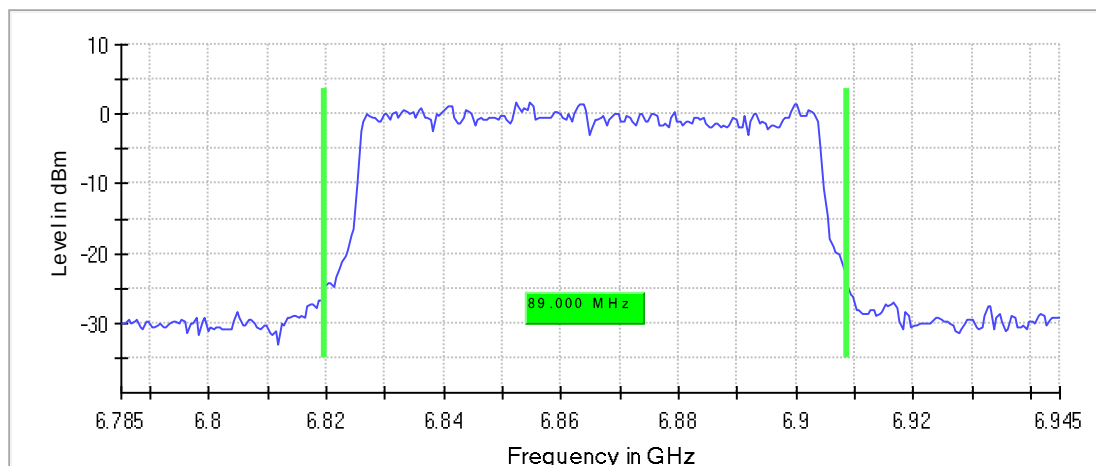
## Emission Bandwidth 26 dB (6865 MHz; 24.000 dBm; 80 MHz)

### 26 dB Bandwidth

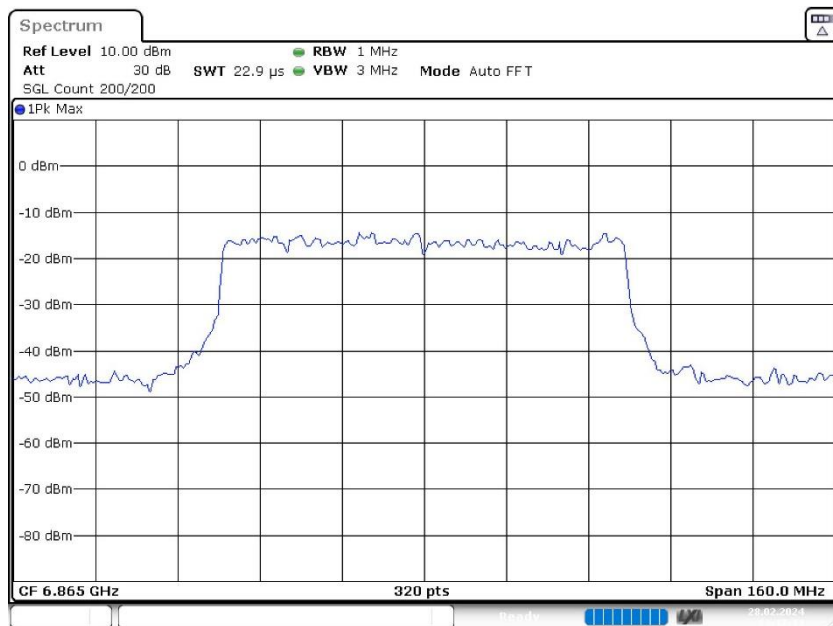
| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 7 (MHz) | Bandwidth U-NII 8 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6865.000000         | 89.000000       | 55.250000               | 33.750000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|-----------------|--------|
| 6865.000000         | 6819.750000          | ---                  | 6908.750000           | ---                  | 1.8             | PASS   |

26 dB Bandwidth



Bandwidth



## In-Band Emissions (6865 MHz; 24.000 dBm; 80 MHz)

### Result

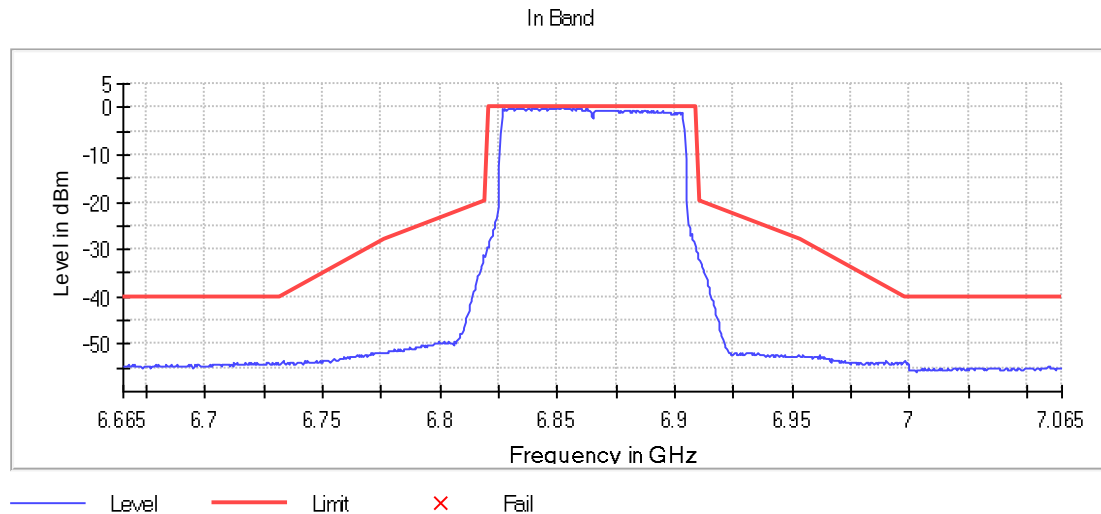
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6865.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6852.250000     | 0.1         |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6850.250000     | 0.0         | 0.0         | 0.1         | PASS   |
| 6839.750000     | -0.1        | 0.2         | 0.1         | PASS   |
| 6833.250000     | -0.1        | 0.2         | 0.1         | PASS   |
| 6850.750000     | -0.1        | 0.2         | 0.1         | PASS   |
| 6844.250000     | -0.1        | 0.2         | 0.1         | PASS   |
| 6853.750000     | -0.1        | 0.2         | 0.1         | PASS   |
| 6841.750000     | -0.2        | 0.2         | 0.1         | PASS   |
| 6858.250000     | -0.2        | 0.3         | 0.1         | PASS   |
| 6837.750000     | -0.2        | 0.3         | 0.1         | PASS   |
| 6846.750000     | -0.2        | 0.3         | 0.1         | PASS   |
| 6840.250000     | -0.2        | 0.3         | 0.1         | PASS   |
| 6855.250000     | -0.2        | 0.3         | 0.1         | PASS   |
| 6840.750000     | -0.2        | 0.3         | 0.1         | PASS   |
| 6834.250000     | -0.2        | 0.3         | 0.1         | PASS   |
| 6837.250000     | -0.2        | 0.3         | 0.1         | PASS   |



## Measurement 1

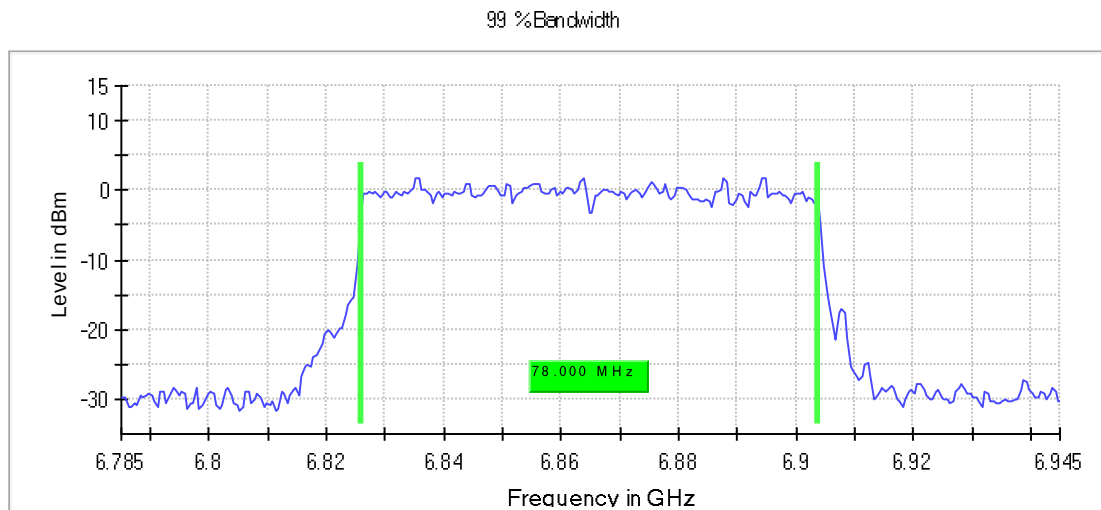
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.34500 GHz      | 6.34500 GHz   |
| Stop Frequency  | 6.74500 GHz      | 6.74500 GHz   |
| Span            | 400.000 MHz      | 400.000 MHz   |
| RBW             | 1.000 MHz        | ~ 800.000 kHz |
| VBW             | 3.000 MHz        | ~ 3.000 MHz   |
| SweepPoints     | 800              | ~ 800         |
| SweepTime       | 1.000 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6865 MHz; 24.000 dBm; 80 MHz)**

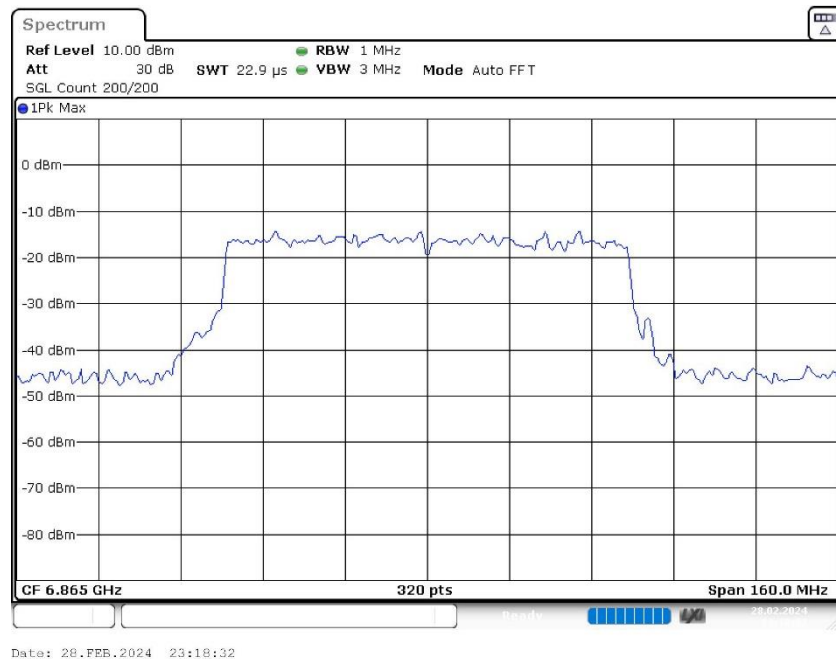
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 7 (MHz) | Bandwidth U-NII 8 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6865.000000         | 78.000000       | 49.250000               | 28.750000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|--------|
| 6865.000000         | 6825.750000          | 5925.000000          | 6903.750000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value   |
|-----------------|------------------|----------------|
| Start Frequency | 6.78500 GHz      | 6.78500 GHz    |
| Stop Frequency  | 6.94500 GHz      | 6.94500 GHz    |
| Span            | 160.000 MHz      | 160.000 MHz    |
| RBW             | 1.000 MHz        | >= 800.000 kHz |
| VBW             | 3.000 MHz        | >= 3.000 MHz   |
| SweepPoints     | 320              | ~ 320          |
| Sweptime        | 22.875 $\mu$ s   | AUTO           |
| Reference Level | 10.000 dBm       | 10.000 dBm     |

|              |           |          |
|--------------|-----------|----------|
| Attenuation  | 30.000 dB | AUTO     |
| Detector     | MaxPeak   | MaxPeak  |
| SweepCount   | 200       | 200      |
| Filter       | 3 dB      | 3 dB     |
| Trace Mode   | Max Hold  | Max Hold |
| SweepType    | FFT       | AUTO     |
| Preamplifier | off       | off      |

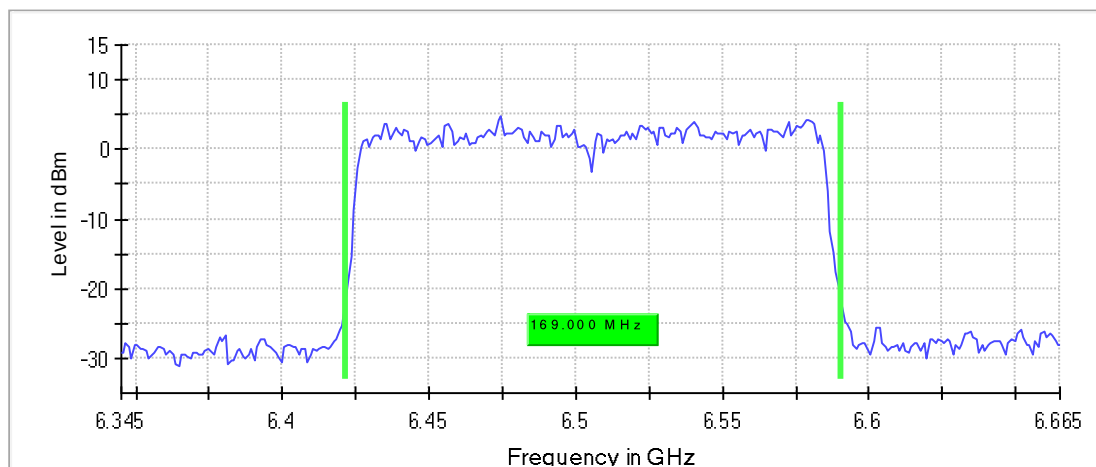
## Emission Bandwidth 26 dB (6505 MHz; 24.000 dBm; 160 MHz)

### 26 dB Bandwidth

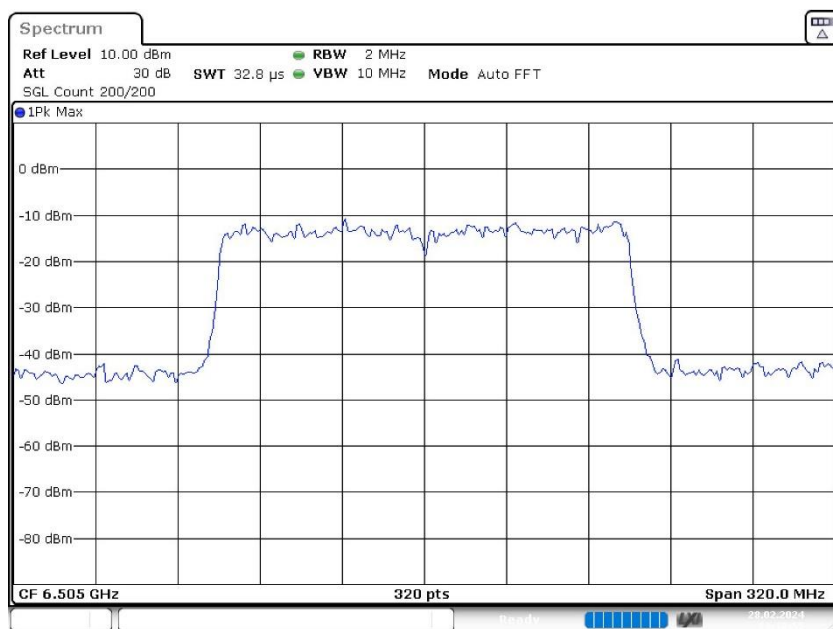
| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 6 (MHz) | Bandwidth U-NII 7 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6505.000000         | 169.000000      | 103.500000              | 65.500000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|-----------------|--------|
| 6505.000000         | 6421.500000          | ---                  | 6590.500000           | ---                  | 4.8             | PASS   |

26 dB Bandwidth



Bandwidth



Date: 28.FEB.2024 23:18:55

## In-Band Emissions (6505 MHz; 24.000 dBm; 160 MHz)

### Result

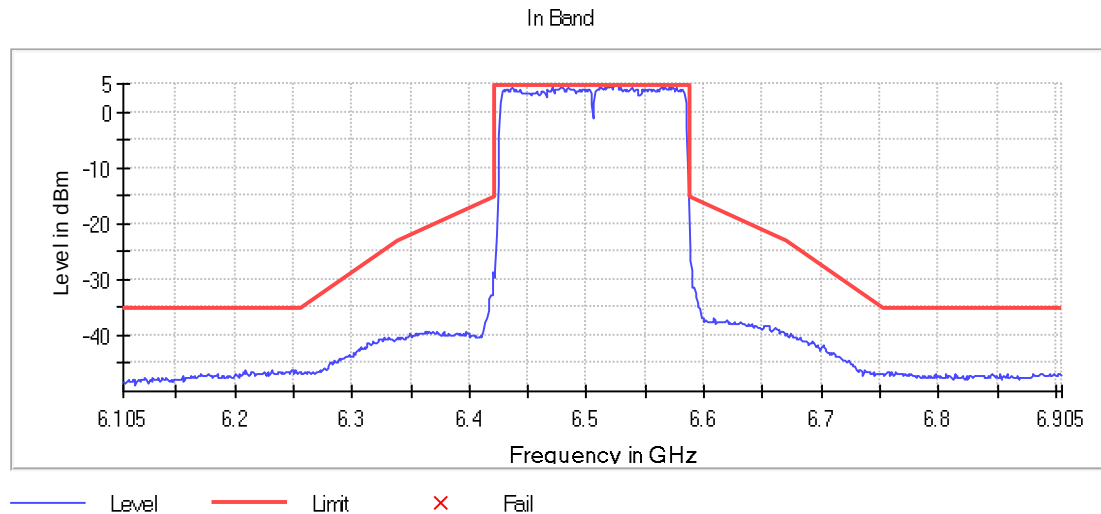
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6505.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6518.500000     | 4.8         |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6518.500000     | 4.8         | 0.0         | 4.8         | PASS   |
| 6526.500000     | 4.7         | 0.1         | 4.8         | PASS   |
| 6470.500000     | 4.7         | 0.1         | 4.8         | PASS   |
| 6525.500000     | 4.6         | 0.3         | 4.8         | PASS   |
| 6520.500000     | 4.5         | 0.3         | 4.8         | PASS   |
| 6524.500000     | 4.5         | 0.3         | 4.8         | PASS   |
| 6523.500000     | 4.5         | 0.3         | 4.8         | PASS   |
| 6511.500000     | 4.4         | 0.4         | 4.8         | PASS   |
| 6522.500000     | 4.4         | 0.4         | 4.8         | PASS   |
| 6515.500000     | 4.4         | 0.4         | 4.8         | PASS   |
| 6519.500000     | 4.4         | 0.4         | 4.8         | PASS   |
| 6576.500000     | 4.4         | 0.4         | 4.8         | PASS   |
| 6512.500000     | 4.3         | 0.5         | 4.8         | PASS   |
| 6517.500000     | 4.3         | 0.5         | 4.8         | PASS   |
| 6566.500000     | 4.3         | 0.5         | 4.8         | PASS   |



## Measurement 1

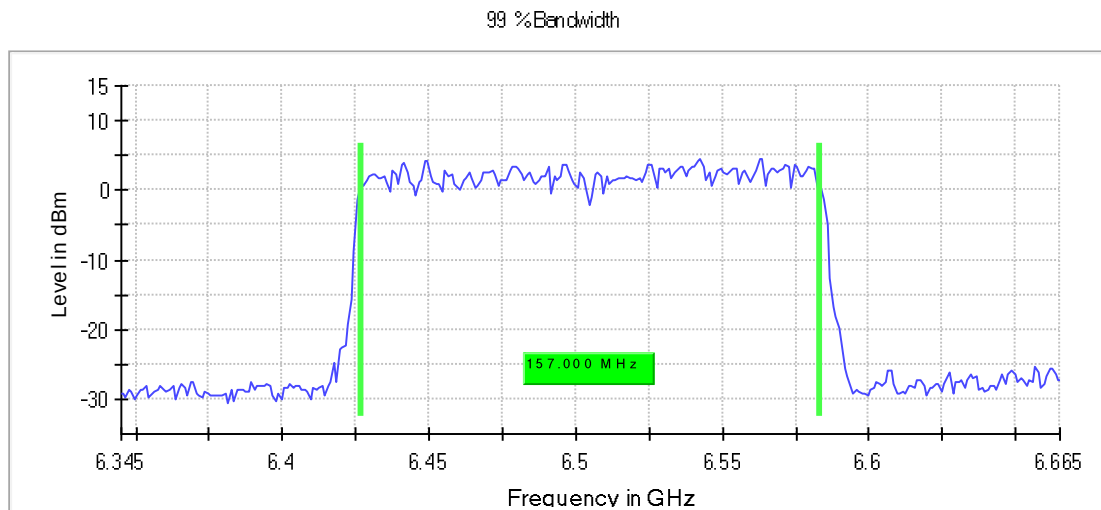
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.10500 GHz      | 6.10500 GHz   |
| Stop Frequency  | 6.90500 GHz      | 6.90500 GHz   |
| Span            | 800.000 MHz      | 800.000 MHz   |
| RBW             | 2.000 MHz        | ~ 1.600 MHz   |
| VBW             | 10.000 MHz       | ~ 8.000 MHz   |
| SweepPoints     | 800              | ~ 800         |
| SweepTime       | 1.000 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6505 MHz; 24.000 dBm; 160 MHz)**

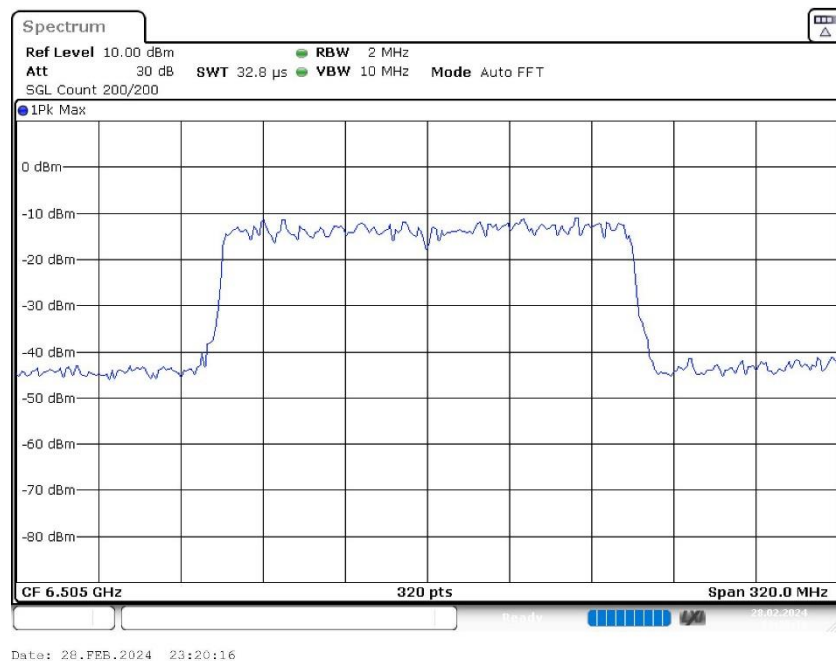
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 6 (MHz) | Bandwidth U-NII 7 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6505.000000         | 157.000000      | 98.500000               | 58.500000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|--------|
| 6505.000000         | 6426.500000          | 5925.000000          | 6583.500000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 6.34500 GHz      | 6.34500 GHz      |
| Stop Frequency  | 6.66500 GHz      | 6.66500 GHz      |
| Span            | 320.000 MHz      | 320.000 MHz      |
| RBW             | 2.000 MHz        | $\geq 1.600$ MHz |
| VBW             | 10.000 MHz       | $\geq 6.000$ MHz |
| SweepPoints     | 320              | $\sim 320$       |

|                 |                |            |
|-----------------|----------------|------------|
| SweepTime       | 32.813 $\mu$ s | AUTO       |
| Reference Level | 10.000 dBm     | 10.000 dBm |
| Attenuation     | 30.000 dB      | AUTO       |
| Detector        | MaxPeak        | MaxPeak    |
| SweepCount      | 200            | 200        |
| Filter          | 3 dB           | 3 dB       |
| Trace Mode      | Max Hold       | Max Hold   |
| SweepType       | FFT            | AUTO       |
| Preamp          | off            | off        |

## Tx Spurious Emission (6505 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6505.000000         | PASS   |

### Final measurements

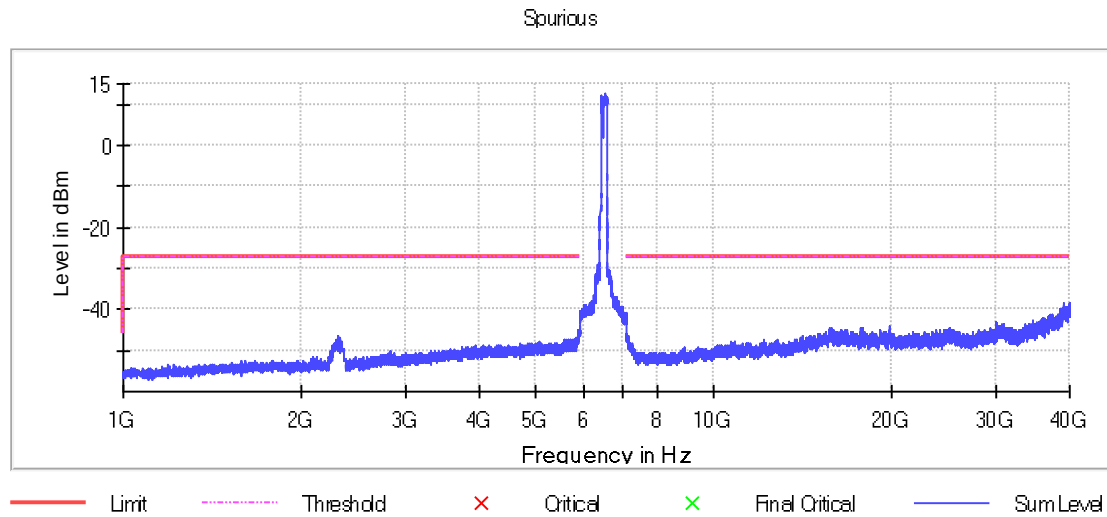
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---   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

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 1000.000000     | -55.6       | 9.7         | -45.9       |
| 39943.750000    | -38.3       | 11.3        | -27.0       |
| 39131.250000    | -38.5       | 11.5        | -27.0       |
| 39958.750000    | -38.6       | 11.6        | -27.0       |
| 39980.750000    | -38.7       | 11.7        | -27.0       |
| 39956.750000    | -38.8       | 11.8        | -27.0       |
| 39991.250000    | -38.9       | 11.9        | -27.0       |
| 39942.250000    | -38.9       | 11.9        | -27.0       |
| 39101.250000    | -39.0       | 12.0        | -27.0       |
| 39985.750000    | -39.0       | 12.0        | -27.0       |
| 39978.750000    | -39.1       | 12.1        | -27.0       |
| 39211.250000    | -39.1       | 12.1        | -27.0       |
| 39946.750000    | -39.1       | 12.1        | -27.0       |
| 39963.250000    | -39.1       | 12.1        | -27.0       |
| 39170.750000    | -39.1       | 12.1        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 2               | 2                 |
| 5925.000000           | 7125.000000          | 2               | 2                 |
| 7125.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



## Emissions in restricted frequency bands (Average) (6505 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6505.000000         | PASS   |

### Final measurements

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

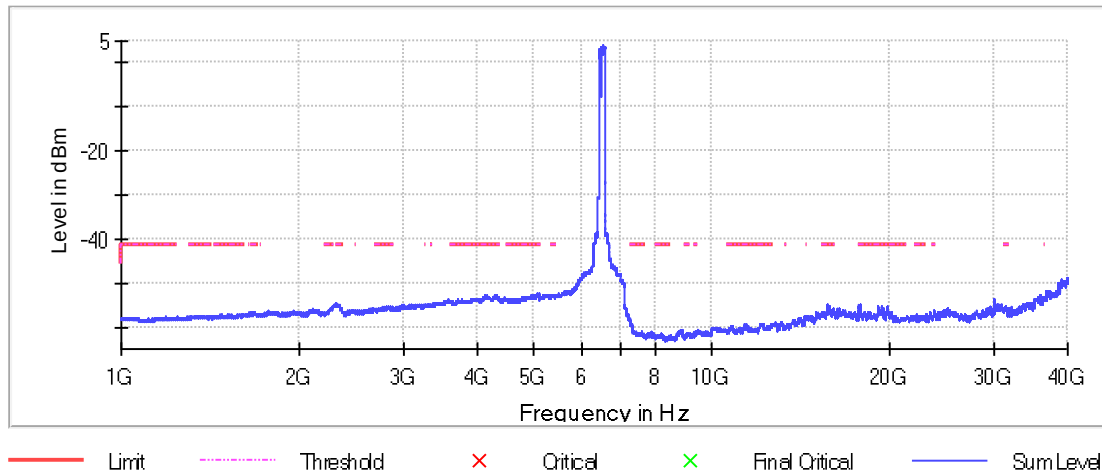
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5086.250000     | -52.5       | 11.3        | -41.2       |
| 5056.750000     | -52.5       | 11.3        | -41.2       |
| 5054.250000     | -52.6       | 11.4        | -41.2       |
| 5056.250000     | -52.6       | 11.4        | -41.2       |
| 5055.250000     | -52.6       | 11.4        | -41.2       |
| 5053.250000     | -52.6       | 11.4        | -41.2       |
| 5054.750000     | -52.6       | 11.4        | -41.2       |
| 4312.250000     | -52.6       | 11.4        | -41.2       |
| 5063.750000     | -52.6       | 11.4        | -41.2       |
| 5365.750000     | -52.7       | 11.5        | -41.2       |
| 5064.250000     | -52.7       | 11.5        | -41.2       |
| 5044.250000     | -52.7       | 11.5        | -41.2       |
| 5043.250000     | -52.7       | 11.5        | -41.2       |
| 5364.750000     | -52.7       | 11.5        | -41.2       |
| 5039.250000     | -52.7       | 11.5        | -41.2       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 1               | 1                 |
| 5925.000000           | 7125.000000          | 1               | 1                 |
| 7125.000000           | 18000.000000         | 1               | 1                 |
| 18000.000000          | 40000.000000         | 1               | 1                 |

Restricted Band



## Emissions in restricted frequency bands (Peak) (6505 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6505.000000         | PASS   |

### Final measurements

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

### Pre Measurements

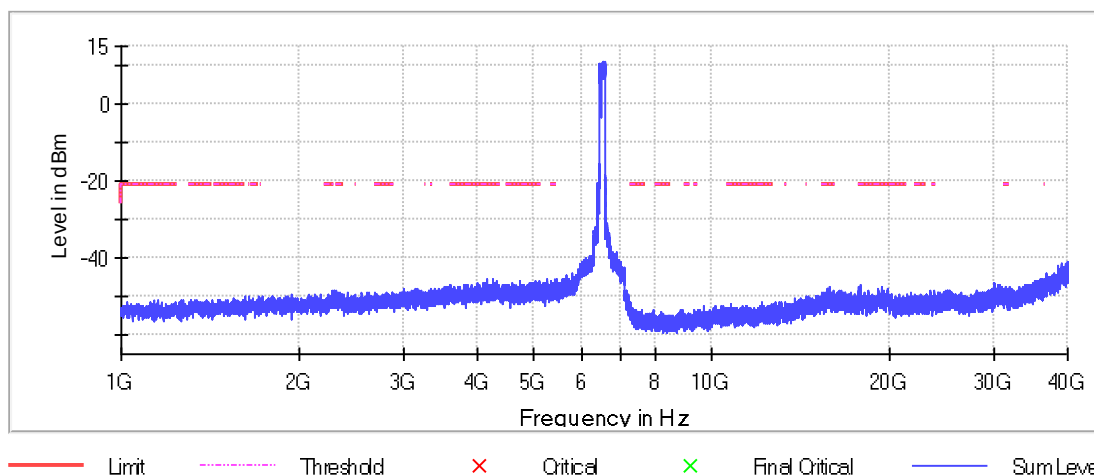
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 4171.750000     | -45.3       | 24.1        | -21.2       |
| 5452.250000     | -45.3       | 24.1        | -21.2       |
| 36498.328177    | -45.5       | 24.3        | -21.2       |
| 4268.750000     | -45.5       | 24.3        | -21.2       |
| 4171.250000     | -45.7       | 24.5        | -21.2       |
| 5438.750000     | -45.7       | 24.5        | -21.2       |
| 4735.250000     | -46.0       | 24.8        | -21.2       |
| 4322.750000     | -46.0       | 24.8        | -21.2       |
| 5023.750000     | -46.2       | 25.0        | -21.2       |
| 5082.750000     | -46.2       | 25.0        | -21.2       |

|             |       |      |       |
|-------------|-------|------|-------|
| 5439.250000 | -46.2 | 25.0 | -21.2 |
| 4986.250000 | -46.3 | 25.1 | -21.2 |
| 5384.750000 | -46.4 | 25.2 | -21.2 |
| 4105.750000 | -46.4 | 25.2 | -21.2 |
| 5357.250000 | -46.4 | 25.2 | -21.2 |

## Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 1               | 1                 |
| 5925.000000           | 7125.000000          | 1               | 1                 |
| 7125.000000           | 18000.000000         | 1               | 1                 |
| 18000.000000          | 40000.000000         | 1               | 2                 |

Restricted Band

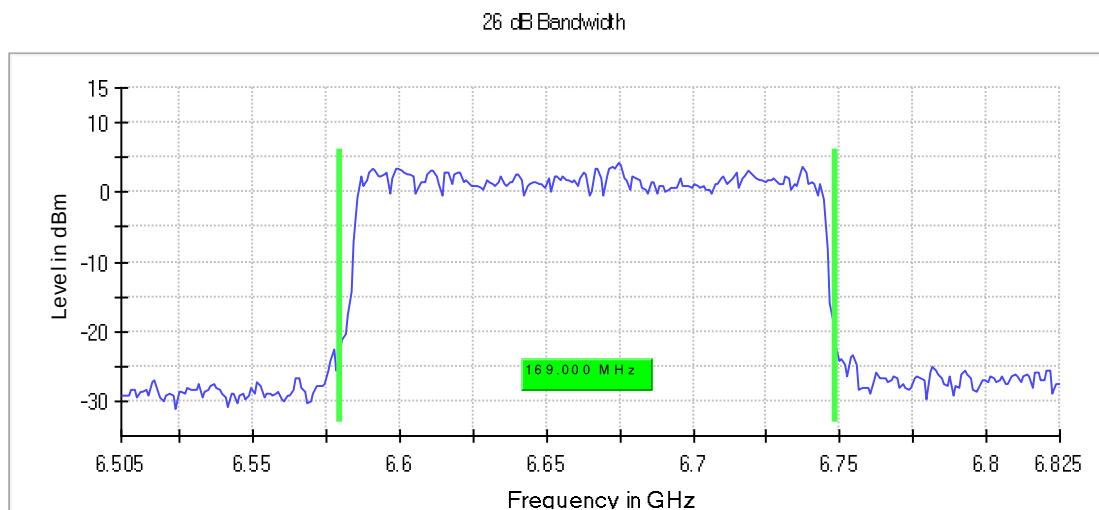


## Emission Bandwidth 26 dB (6665 MHz; 24.000 dBm; 160 MHz)

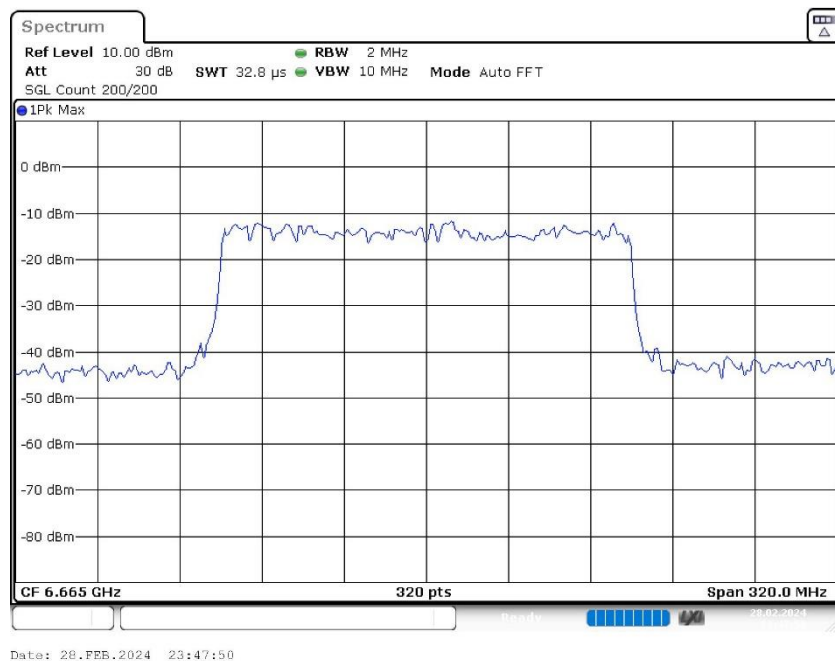
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------|
| 6665.000000         | 169.000000      | ---             | 320.000000      | 6579.500000          | ---            |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------------|----------------------|-----------------|--------|
| 6665.000000         | 6748.500000           | ---                  | 4.1             | PASS   |



## Bandwidth



## In-Band Emissions (6665 MHz; 24.000 dBm; 160 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6665.000000         | PASS   |

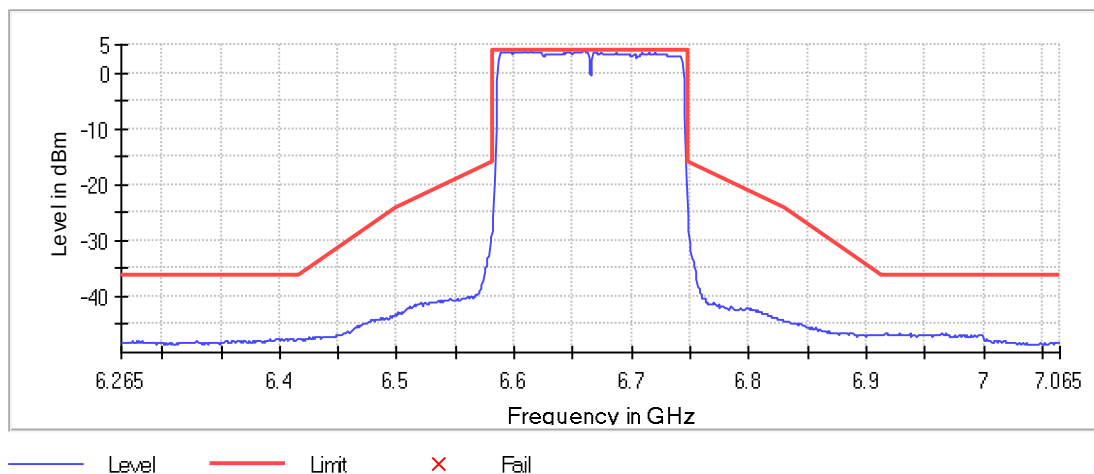
## Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6658.500000     | 3.9         |

## Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6609.500000     | 3.9         | 0.0         | 3.9         | PASS   |
| 6659.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6660.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6614.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6668.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6656.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6662.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6617.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6602.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6661.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6654.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6612.500000     | 3.8         | 0.1         | 3.9         | PASS   |
| 6622.500000     | 3.7         | 0.1         | 3.9         | PASS   |
| 6619.500000     | 3.7         | 0.1         | 3.9         | PASS   |
| 6613.500000     | 3.7         | 0.2         | 3.9         | PASS   |

In Band



## Measurement 1

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.26500 GHz      | 6.26500 GHz   |
| Stop Frequency  | 7.06500 GHz      | 7.06500 GHz   |
| Span            | 800.000 MHz      | 800.000 MHz   |
| RBW             | 2.000 MHz        | ~ 1.600 MHz   |
| VBW             | 10.000 MHz       | ~ 8.000 MHz   |
| SweepPoints     | 800              | ~ 800         |
| SweepTime       | 4.000 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| Sweeptype       | Sweep            | Sweep         |

|        |     |     |
|--------|-----|-----|
| Preamp | off | off |
|--------|-----|-----|

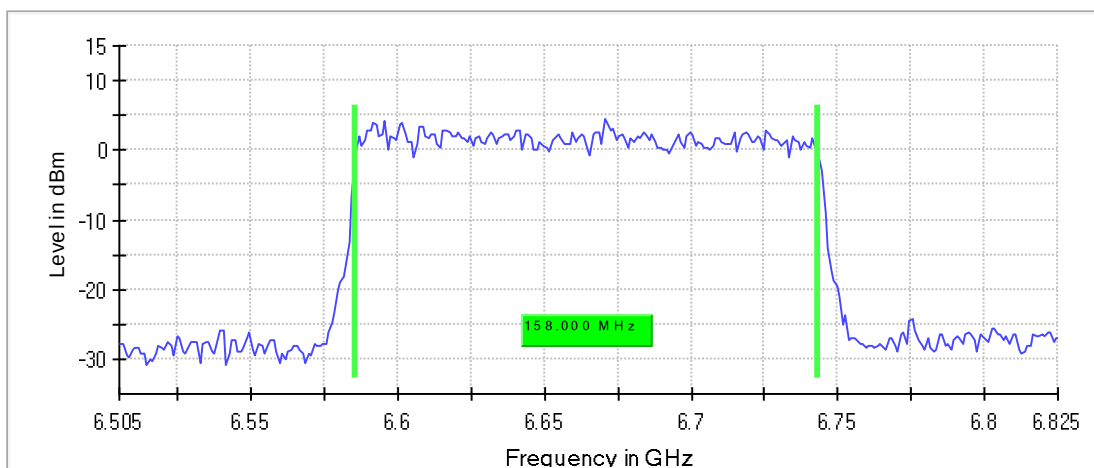
## Occupied Channel Bandwidth 99% (6665 MHz; 24.000 dBm; 160 MHz)

### 99 % Bandwidth

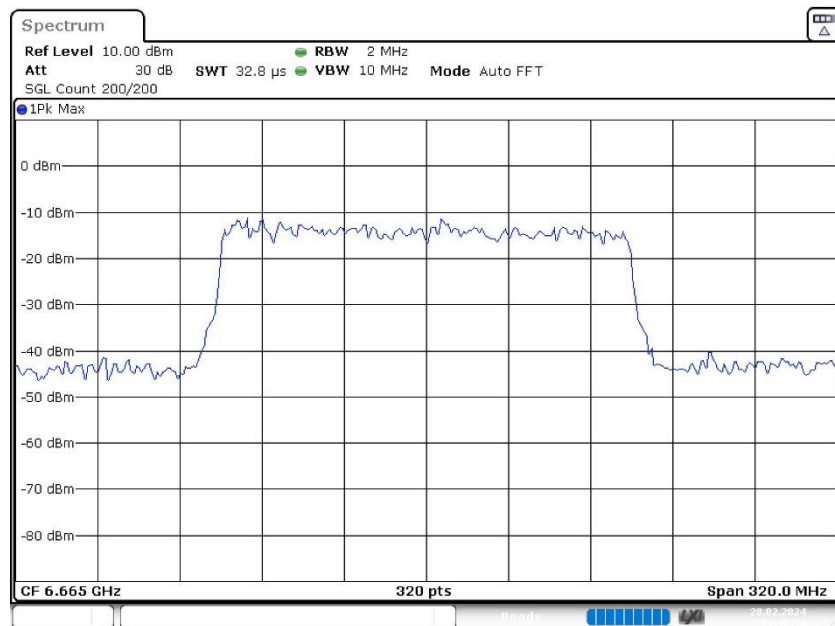
| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| 6665.000000         | 158.000000      | ---             | 320.000000      | 6585.500000          | 5925.000000          |

| DUT Frequency (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|-----------------------|----------------------|--------|
| 6665.000000         | 6743.500000           | 7125.000000          | PASS   |

99 % Bandwidth



Bandwidth



Date: 28.FEB.2024 23:49:15

## Measurement

| Setting         | Instrument Value | Target Value     |
|-----------------|------------------|------------------|
| Start Frequency | 6.50500 GHz      | 6.50500 GHz      |
| Stop Frequency  | 6.82500 GHz      | 6.82500 GHz      |
| Span            | 320.000 MHz      | 320.000 MHz      |
| RBW             | 2.000 MHz        | $\geq 1.600$ MHz |
| VBW             | 10.000 MHz       | $\geq 6.000$ MHz |
| SweepPoints     | 320              | ~ 320            |
| SweepTime       | 32.813 $\mu$ s   | AUTO             |
| Reference Level | 10.000 dBm       | 10.000 dBm       |
| Attenuation     | 30.000 dB        | AUTO             |
| Detector        | MaxPeak          | MaxPeak          |
| SweepCount      | 200              | 200              |
| Filter          | 3 dB             | 3 dB             |
| Trace Mode      | Max Hold         | Max Hold         |
| SweepType       | FFT              | AUTO             |
| Preamp          | off              | off              |

## Tx Spurious Emission (6665 MHz; 24.000 dBm; 160 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6665.000000         | PASS   |

## Final measurements

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

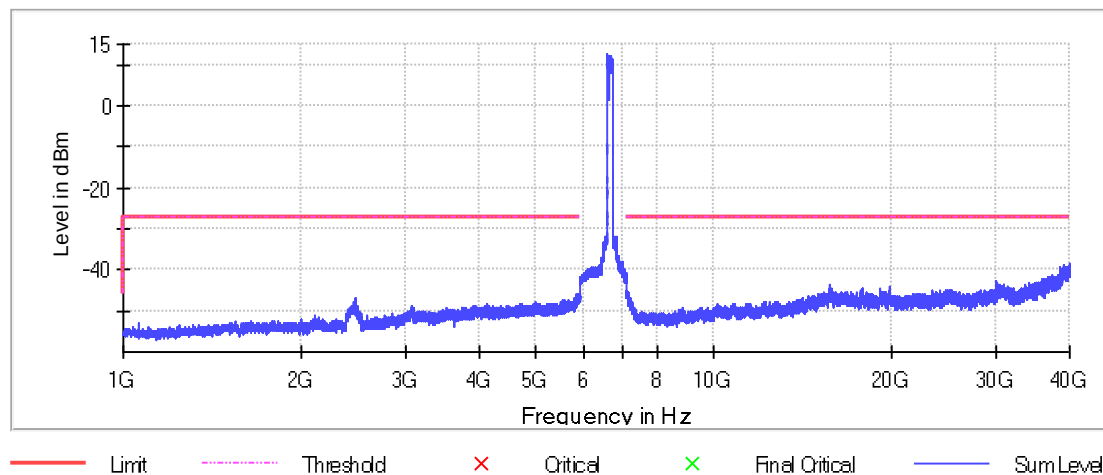
## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 1000.000000     | -56.0       | 10.1        | -45.9       |
| 39988.250000    | -38.6       | 11.6        | -27.0       |
| 39946.250000    | -38.8       | 11.8        | -27.0       |
| 39961.750000    | -38.8       | 11.8        | -27.0       |
| 39121.250000    | -38.8       | 11.8        | -27.0       |
| 39973.250000    | -38.9       | 11.9        | -27.0       |
| 39123.750000    | -38.9       | 11.9        | -27.0       |
| 39132.750000    | -39.0       | 12.0        | -27.0       |
| 39952.750000    | -39.0       | 12.0        | -27.0       |
| 39124.250000    | -39.0       | 12.0        | -27.0       |
| 39958.750000    | -39.1       | 12.1        | -27.0       |
| 39046.250000    | -39.1       | 12.1        | -27.0       |
| 39959.750000    | -39.1       | 12.1        | -27.0       |
| 39963.750000    | -39.2       | 12.2        | -27.0       |
| 39164.750000    | -39.2       | 12.2        | -27.0       |

## Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 2               | 2                 |
| 5925.000000           | 7125.000000          | 2               | 2                 |
| 7125.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |

Spurious



## Emissions in restricted frequency bands (Average) (6665 MHz; 24.000 dBm; 160 MHz)

## Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6665.000000         | PASS   |

## Final measurements

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

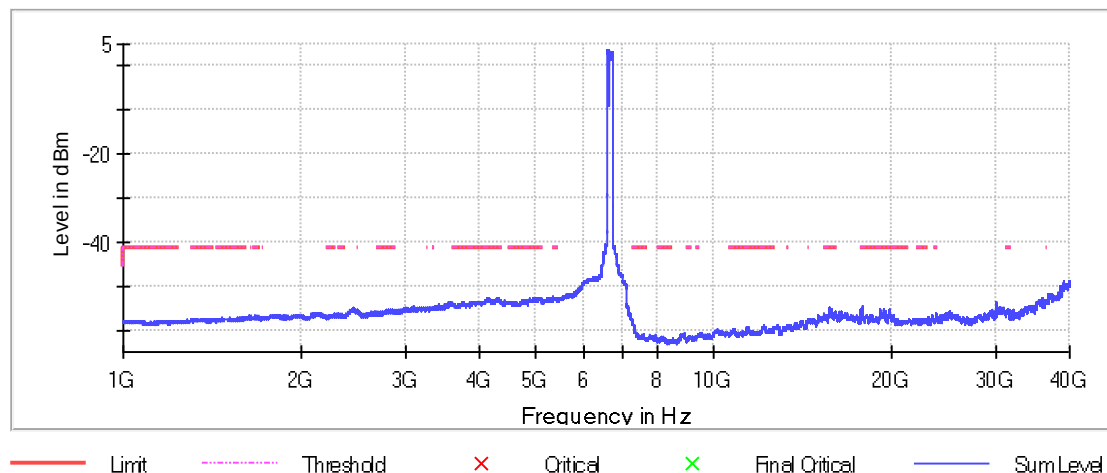
## Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5356.750000     | -52.4       | 11.2        | -41.2       |
| 5369.250000     | -52.5       | 11.3        | -41.2       |
| 5058.250000     | -52.5       | 11.3        | -41.2       |
| 5051.250000     | -52.6       | 11.4        | -41.2       |
| 5058.750000     | -52.6       | 11.4        | -41.2       |
| 5408.250000     | -52.6       | 11.4        | -41.2       |
| 5393.250000     | -52.6       | 11.4        | -41.2       |
| 5087.250000     | -52.6       | 11.4        | -41.2       |
| 5048.750000     | -52.6       | 11.4        | -41.2       |
| 5045.750000     | -52.6       | 11.4        | -41.2       |
| 5060.250000     | -52.6       | 11.4        | -41.2       |
| 5070.750000     | -52.6       | 11.4        | -41.2       |
| 5399.750000     | -52.6       | 11.4        | -41.2       |
| 5366.750000     | -52.6       | 11.4        | -41.2       |
| 5411.250000     | -52.6       | 11.4        | -41.2       |

## Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 1               | 1                 |
| 5925.000000           | 7125.000000          | 1               | 1                 |
| 7125.000000           | 18000.000000         | 1               | 1                 |
| 18000.000000          | 40000.000000         | 1               | 1                 |

Restricted Band



## Emissions in restricted frequency bands (Peak) (6665 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6665.000000         | PASS   |

### Final measurements

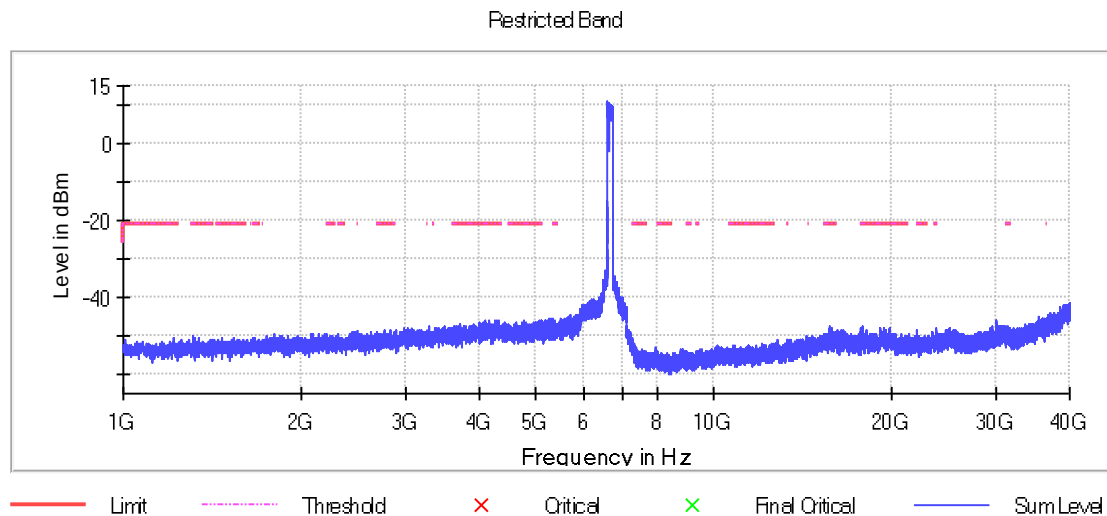
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---   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

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 36461.204337    | -45.6       | 24.4        | -21.2       |
| 4166.250000     | -45.8       | 24.6        | -21.2       |
| 5084.750000     | -45.8       | 24.6        | -21.2       |
| 5094.250000     | -45.9       | 24.7        | -21.2       |
| 4270.250000     | -45.9       | 24.7        | -21.2       |
| 36476.328865    | -46.0       | 24.8        | -21.2       |
| 4108.250000     | -46.0       | 24.8        | -21.2       |
| 5361.750000     | -46.1       | 24.9        | -21.2       |
| 4293.750000     | -46.1       | 24.9        | -21.2       |
| 36433.705197    | -46.1       | 24.9        | -21.2       |
| 5049.250000     | -46.2       | 25.0        | -21.2       |
| 4769.750000     | -46.2       | 25.0        | -21.2       |
| 5048.750000     | -46.2       | 25.0        | -21.2       |
| 4318.750000     | -46.2       | 25.0        | -21.2       |
| 4166.750000     | -46.3       | 25.1        | -21.2       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 1               | 1                 |
| 5925.000000           | 7125.000000          | 1               | 1                 |
| 7125.000000           | 18000.000000         | 1               | 1                 |
| 18000.000000          | 40000.000000         | 1               | 2                 |

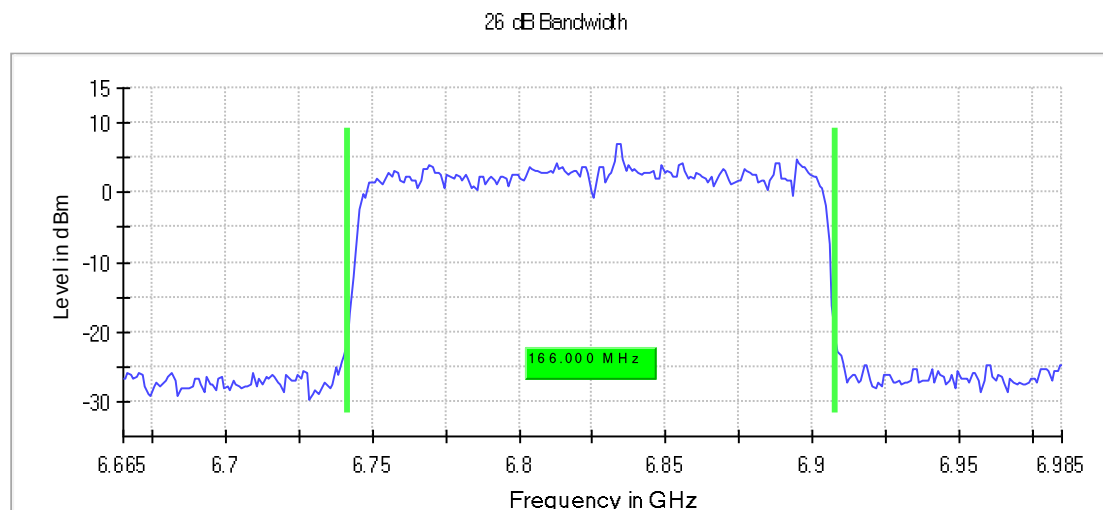


## Emission Bandwidth 26 dB (6825 MHz; 24.000 dBm; 160 MHz)

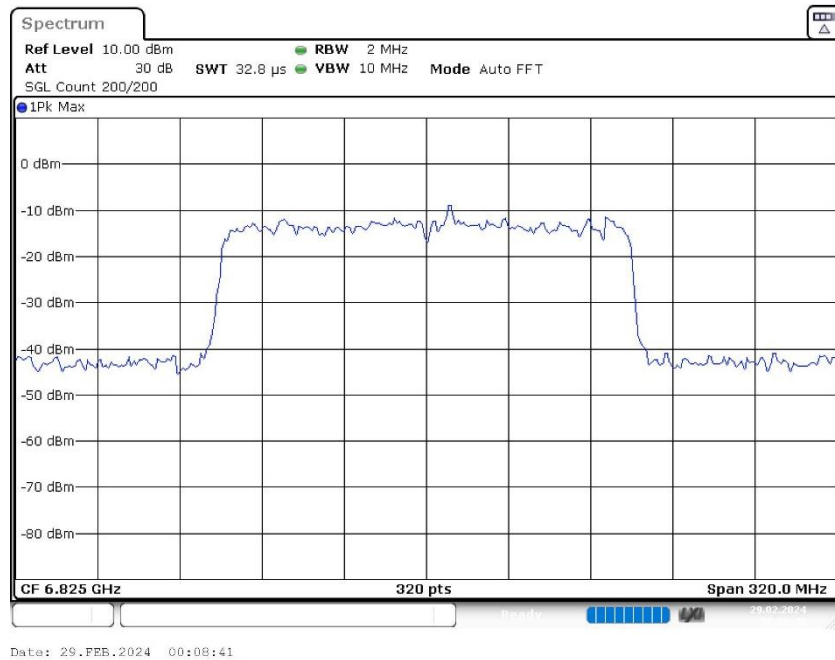
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 7 (MHz) | Bandwidth U-NII 8 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6825.000000         | 166.000000      | 133.500000              | 32.500000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|-----------------|--------|
| 6825.000000         | 6741.500000          | ---                  | 6907.500000           | ---                  | 7.1             | PASS   |



Bandwidth



## In-Band Emissions (6825 MHz; 24.000 dBm; 160 MHz)

### Result

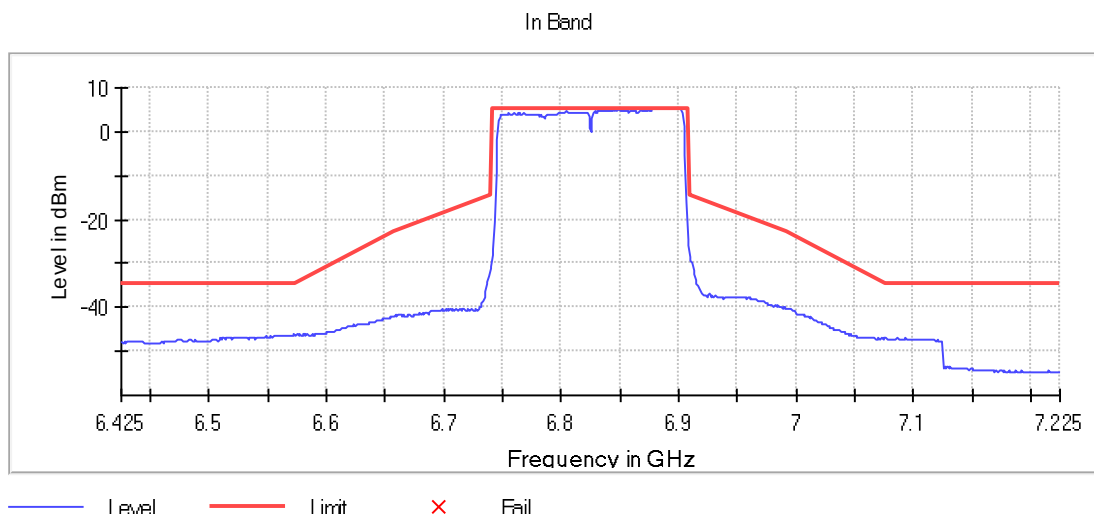
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6825.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6888.500000     | 5.4         |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6888.500000     | 5.4         | 0.0         | 5.4         | PASS   |
| 6889.500000     | 5.4         | 0.0         | 5.4         | PASS   |
| 6899.500000     | 5.4         | 0.0         | 5.4         | PASS   |
| 6890.500000     | 5.4         | 0.0         | 5.4         | PASS   |
| 6884.500000     | 5.3         | 0.0         | 5.4         | PASS   |
| 6895.500000     | 5.3         | 0.0         | 5.4         | PASS   |
| 6900.500000     | 5.3         | 0.1         | 5.4         | PASS   |
| 6902.500000     | 5.3         | 0.1         | 5.4         | PASS   |
| 6887.500000     | 5.2         | 0.1         | 5.4         | PASS   |
| 6901.500000     | 5.2         | 0.1         | 5.4         | PASS   |
| 6893.500000     | 5.2         | 0.2         | 5.4         | PASS   |
| 6877.500000     | 5.2         | 0.2         | 5.4         | PASS   |
| 6882.500000     | 5.2         | 0.2         | 5.4         | PASS   |
| 6880.500000     | 5.2         | 0.2         | 5.4         | PASS   |
| 6886.500000     | 5.2         | 0.2         | 5.4         | PASS   |



## Measurement 1

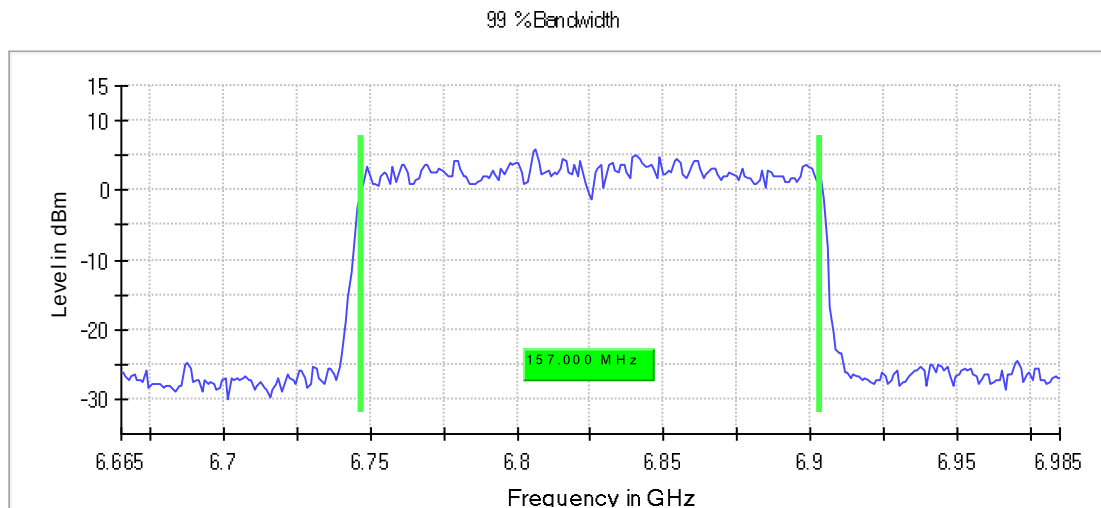
| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.42500 GHz      | 6.42500 GHz   |
| Stop Frequency  | 7.22500 GHz      | 7.22500 GHz   |
| Span            | 800.000 MHz      | 800.000 MHz   |
| RBW             | 2.000 MHz        | ~ 1.600 MHz   |
| VBW             | 10.000 MHz       | ~ 8.000 MHz   |
| SweepPoints     | 800              | ~ 800         |
| SweepTime       | 4.000 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

**Occupied Channel Bandwidth 99% (6825 MHz; 24.000 dBm; 160 MHz)**

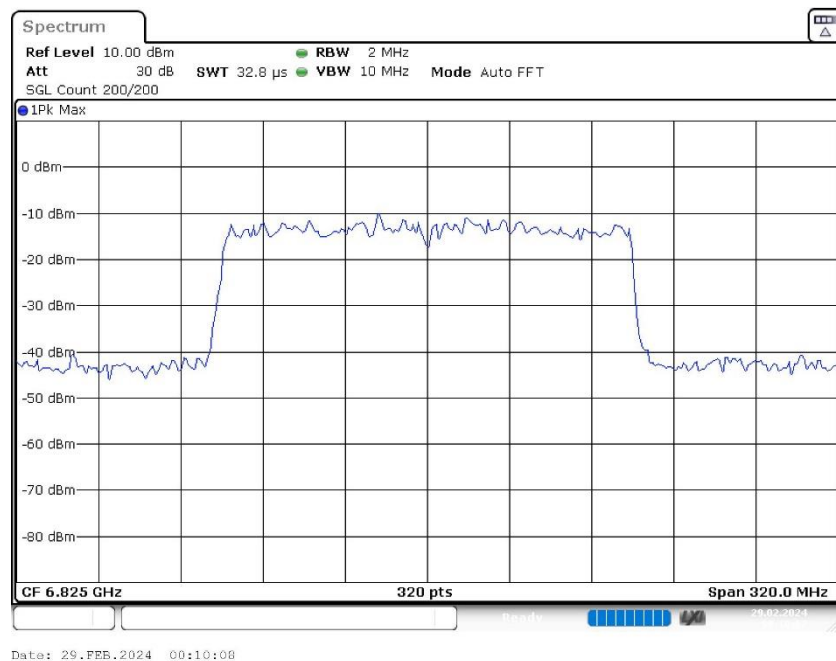
## 99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 7 (MHz) | Bandwidth U-NII 8 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6825.000000         | 157.000000      | 128.500000              | 28.500000               | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|--------|
| 6825.000000         | 6746.500000          | 5925.000000          | 6903.500000           | 7125.000000          | PASS   |



## Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 6.66500 GHz      | 6.66500 GHz  |
| Stop Frequency  | 6.98500 GHz      | 6.98500 GHz  |
| Span            | 320.000 MHz      | 320.000 MHz  |
| RBW             | 2.000 MHz        | >= 1.600 MHz |
| VBW             | 10.000 MHz       | >= 6.000 MHz |
| SweepPoints     | 320              | ~ 320        |
| Sweptime        | 32.813 $\mu$ s   | AUTO         |
| Reference Level | 10.000 dBm       | 10.000 dBm   |

|             |           |          |
|-------------|-----------|----------|
| Attenuation | 30.000 dB | AUTO     |
| Detector    | MaxPeak   | MaxPeak  |
| SweepCount  | 200       | 200      |
| Filter      | 3 dB      | 3 dB     |
| Trace Mode  | Max Hold  | Max Hold |
| SweepType   | FFT       | AUTO     |
| Preamp      | off       | off      |

## Tx Spurious Emission (6825 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6825.000000         | PASS   |

### Final measurements

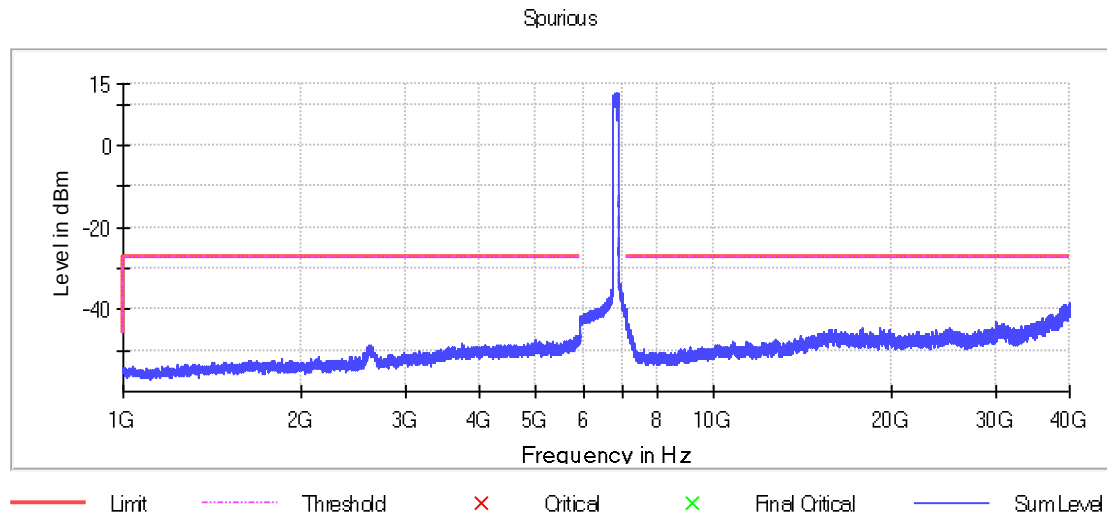
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---   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

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 1000.000000     | -55.6       | 9.7         | -45.9       |
| 39979.750000    | -38.4       | 11.4        | -27.0       |
| 39975.250000    | -38.7       | 11.7        | -27.0       |
| 39967.250000    | -38.8       | 11.8        | -27.0       |
| 39959.750000    | -38.8       | 11.8        | -27.0       |
| 39230.750000    | -38.8       | 11.8        | -27.0       |
| 39960.750000    | -38.9       | 11.9        | -27.0       |
| 39942.750000    | -38.9       | 11.9        | -27.0       |
| 39959.250000    | -39.0       | 12.0        | -27.0       |
| 39927.750000    | -39.0       | 12.0        | -27.0       |
| 39948.750000    | -39.0       | 12.0        | -27.0       |
| 39318.750000    | -39.0       | 12.0        | -27.0       |
| 39991.250000    | -39.0       | 12.0        | -27.0       |
| 39124.750000    | -39.1       | 12.1        | -27.0       |
| 39968.250000    | -39.1       | 12.1        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 2               | 2                 |
| 5925.000000           | 7125.000000          | 2               | 2                 |
| 7125.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



## Emissions in restricted frequency bands (Average) (6825 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6825.000000         | PASS   |

### Final measurements

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

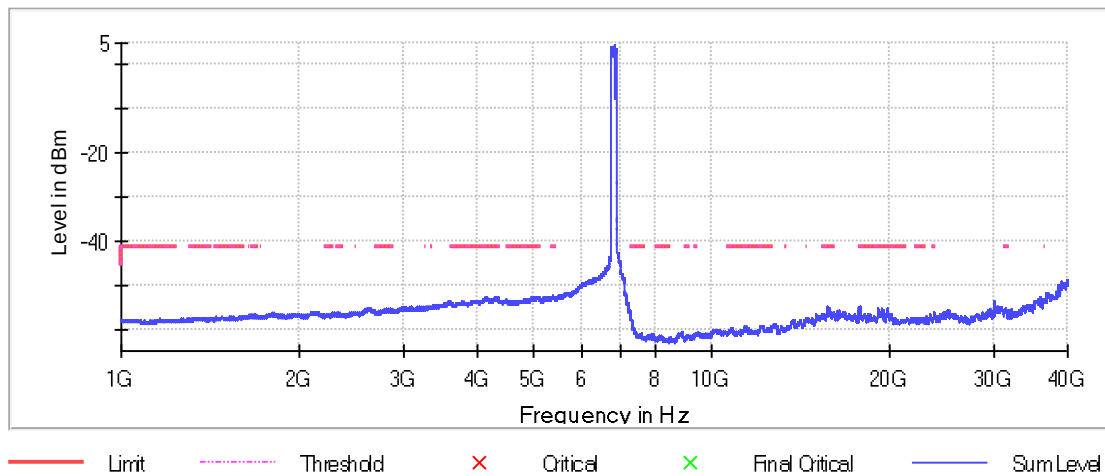
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5369.250000     | -52.5       | 11.3        | -41.2       |
| 5064.750000     | -52.5       | 11.3        | -41.2       |
| 5073.250000     | -52.6       | 11.4        | -41.2       |
| 5052.750000     | -52.6       | 11.4        | -41.2       |
| 5065.750000     | -52.6       | 11.4        | -41.2       |
| 5055.250000     | -52.6       | 11.4        | -41.2       |
| 5354.750000     | -52.6       | 11.4        | -41.2       |
| 5065.250000     | -52.6       | 11.4        | -41.2       |
| 5373.750000     | -52.6       | 11.4        | -41.2       |
| 5381.750000     | -52.6       | 11.4        | -41.2       |
| 5399.750000     | -52.6       | 11.4        | -41.2       |
| 5373.250000     | -52.7       | 11.5        | -41.2       |
| 5369.750000     | -52.7       | 11.5        | -41.2       |
| 5052.250000     | -52.7       | 11.5        | -41.2       |
| 5053.250000     | -52.7       | 11.5        | -41.2       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 1               | 1                 |
| 5925.000000           | 7125.000000          | 1               | 1                 |
| 7125.000000           | 18000.000000         | 1               | 1                 |
| 18000.000000          | 40000.000000         | 1               | 1                 |

Restricted Band



## Emissions in restricted frequency bands (Peak) (6825 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6825.000000         | PASS   |

### Final measurements

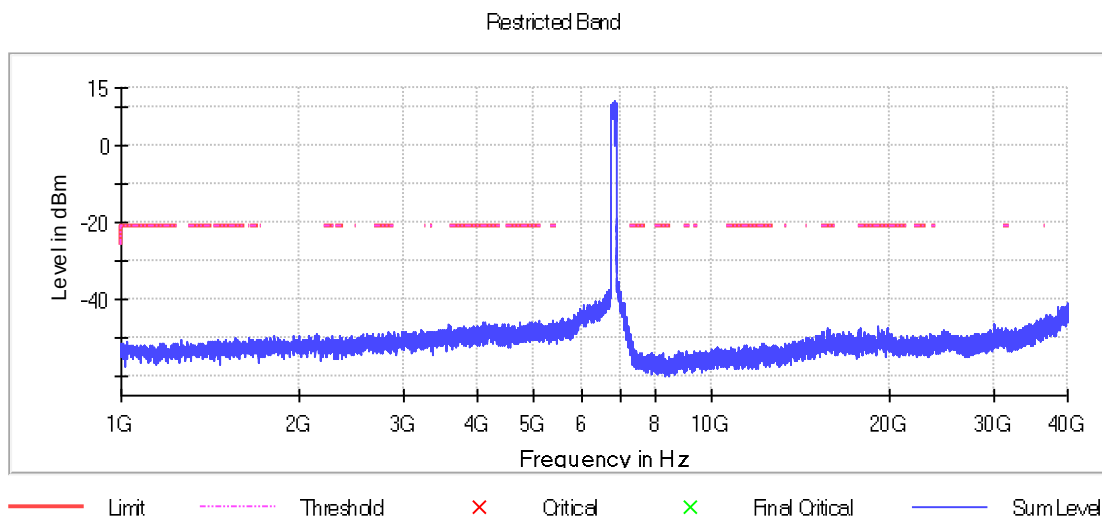
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---   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

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5082.250000     | -45.5       | 24.3        | -21.2       |
| 5377.750000     | -45.7       | 24.5        | -21.2       |
| 36489.390957    | -45.8       | 24.6        | -21.2       |
| 4106.750000     | -45.8       | 24.6        | -21.2       |
| 36459.141902    | -45.9       | 24.7        | -21.2       |
| 4718.750000     | -45.9       | 24.7        | -21.2       |
| 36458.454423    | -46.0       | 24.8        | -21.2       |
| 4719.250000     | -46.1       | 24.9        | -21.2       |
| 4967.250000     | -46.2       | 25.0        | -21.2       |
| 36470.829037    | -46.2       | 25.0        | -21.2       |
| 5022.250000     | -46.2       | 25.0        | -21.2       |
| 4125.250000     | -46.2       | 25.0        | -21.2       |
| 36497.640699    | -46.2       | 25.0        | -21.2       |
| 4913.750000     | -46.2       | 25.0        | -21.2       |
| 5007.250000     | -46.3       | 25.1        | -21.2       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 1               | 1                 |
| 5925.000000           | 7125.000000          | 1               | 1                 |
| 7125.000000           | 18000.000000         | 1               | 1                 |
| 18000.000000          | 40000.000000         | 1               | 2                 |

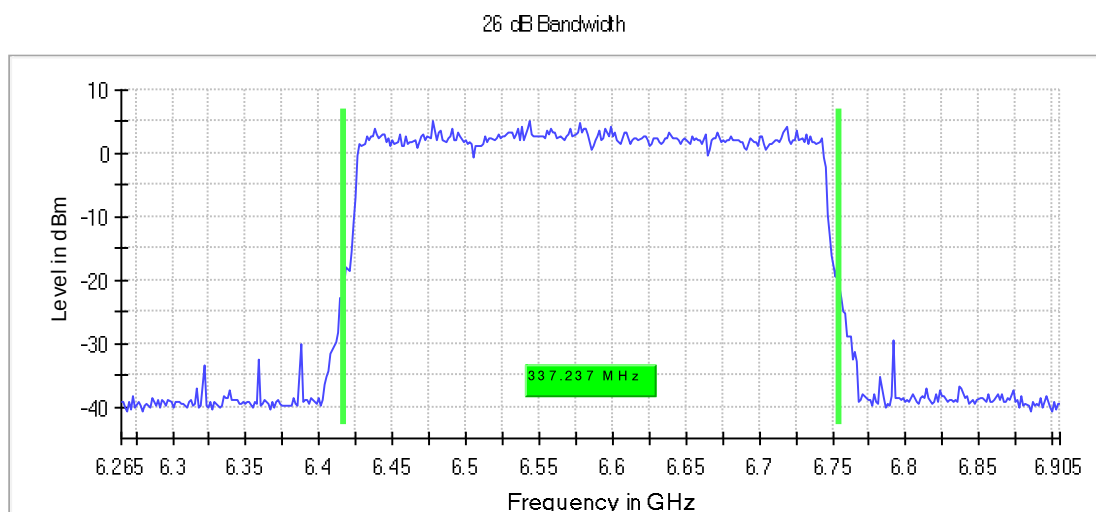


## Emission Bandwidth 26 dB (6585 MHz; 24.000 dBm; 320 MHz)

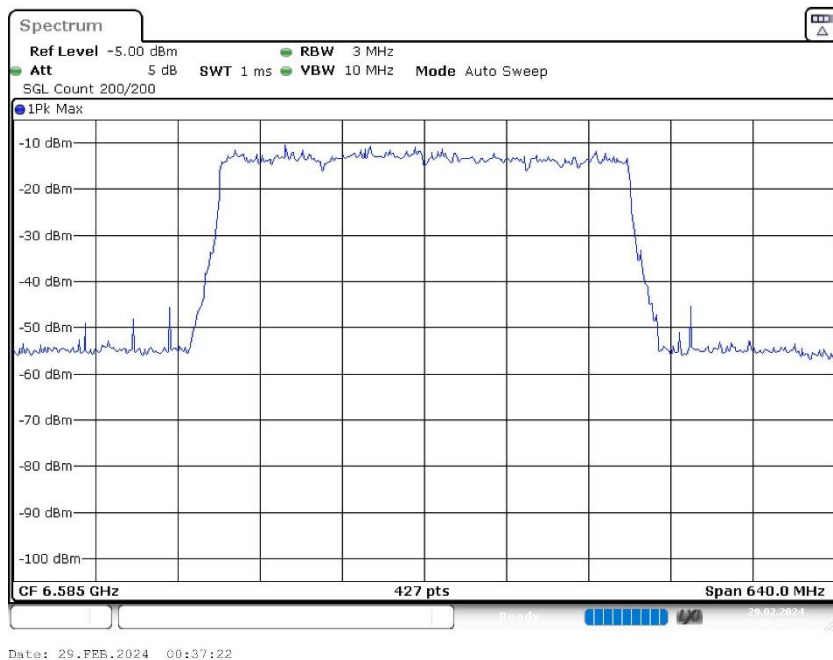
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 6 (MHz) | Bandwidth U-NII 7 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6585.000000         | 337.236533      | 107.868852              | 229.367681              | ---             | 340.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Max Level (dBm) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|-----------------|--------|
| 6585.000000         | 6417.131148          | ---                  | 6754.367681           | ---                  | 5.1             | PASS   |



Bandwidth



## In-Band Emissions (6585 MHz; 24.000 dBm; 320 MHz)

### Result

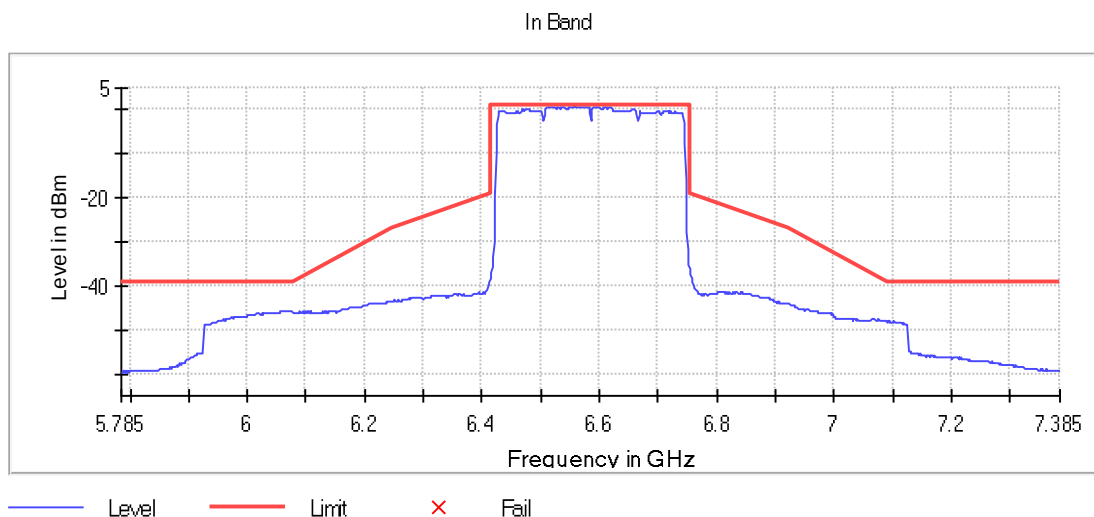
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6585.000000         | PASS   |

### Inband Peak

| Frequency (MHz) | Level (dBm) |
|-----------------|-------------|
| 6558.008435     | 0.9         |

### Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 6579.001874     | 0.8         | 0.0         | 0.9         | PASS   |
| 6564.006560     | 0.8         | 0.1         | 0.9         | PASS   |
| 6577.502343     | 0.8         | 0.1         | 0.9         | PASS   |
| 6561.007498     | 0.8         | 0.1         | 0.9         | PASS   |
| 6562.507029     | 0.7         | 0.1         | 0.9         | PASS   |
| 6538.514527     | 0.7         | 0.1         | 0.9         | PASS   |
| 6576.002812     | 0.7         | 0.1         | 0.9         | PASS   |
| 6574.503280     | 0.7         | 0.2         | 0.9         | PASS   |
| 6573.003749     | 0.7         | 0.2         | 0.9         | PASS   |
| 6555.009372     | 0.7         | 0.2         | 0.9         | PASS   |
| 6567.005623     | 0.7         | 0.2         | 0.9         | PASS   |
| 6568.505155     | 0.7         | 0.2         | 0.9         | PASS   |
| 6556.508903     | 0.7         | 0.2         | 0.9         | PASS   |
| 6570.004686     | 0.7         | 0.2         | 0.9         | PASS   |
| 6565.506092     | 0.7         | 0.2         | 0.9         | PASS   |



## Measurement 1

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 5.78500 GHz      | 5.78500 GHz   |
| Stop Frequency  | 7.38500 GHz      | 7.38500 GHz   |
| Span            | 1.600 GHz        | 1.600 GHz     |
| RBW             | 3.000 MHz        | ~ 3.200 MHz   |
| VBW             | 10.000 MHz       | ~ 9.000 MHz   |
| SweepPoints     | 1067             | ~ 1067        |
| SweepTime       | 6.400 ms         | AUTO          |
| Reference Level | 0.000 dBm        | 0.000 dBm     |
| Attenuation     | 20.000 dB        | 20.000 dB     |
| Detector        | RMS              | RMS           |
| SweepCount      | 100              | 100           |
| Filter          | 3 dB             | 3 dB          |
| Trace Mode      | Average Power    | Average Power |
| SweepType       | Sweep            | Sweep         |
| Preamp          | off              | off           |

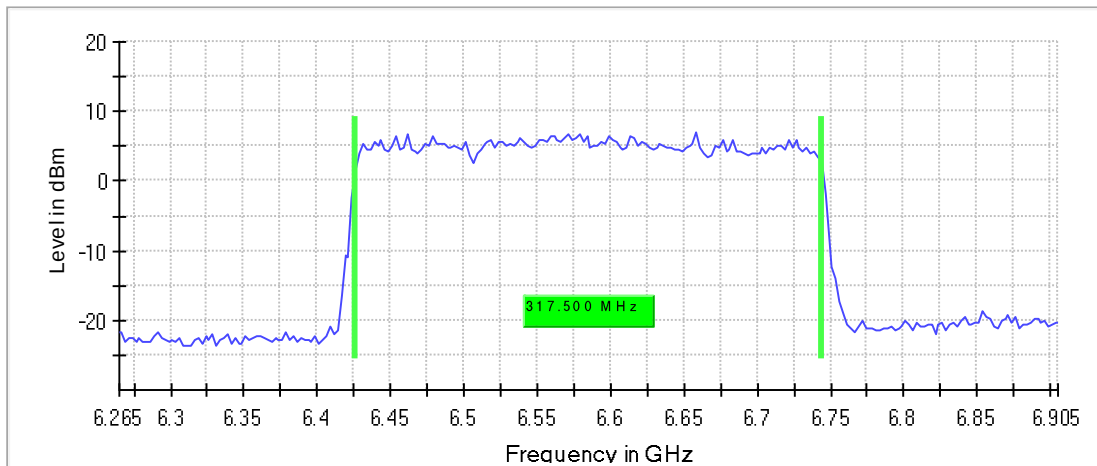
**Occupied Channel Bandwidth 99% (6585 MHz; 24.000 dBm; 320 MHz)**

## 99 % Bandwidth

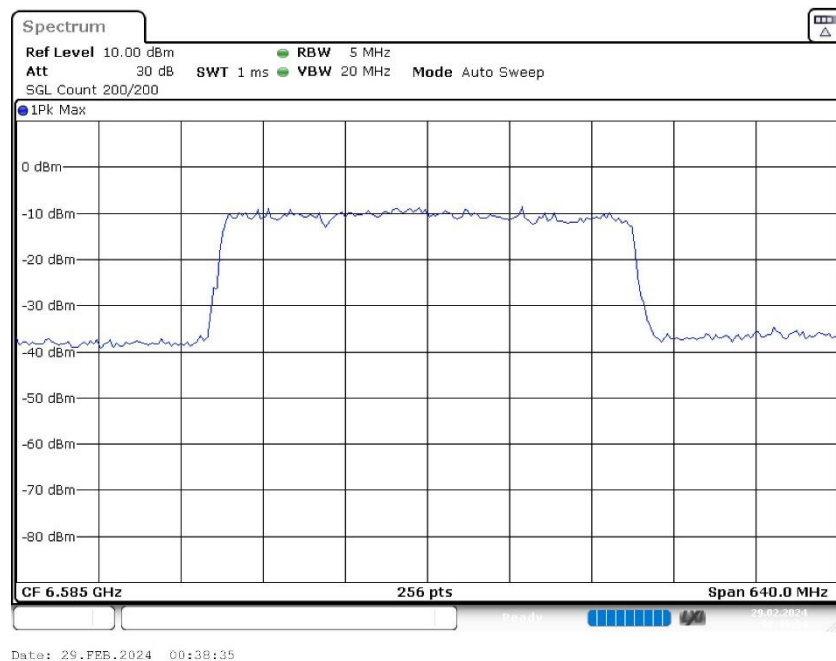
| DUT Frequency (MHz) | Bandwidth (MHz) | Bandwidth U-NII 6 (MHz) | Bandwidth U-NII 7 (MHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|-------------------------|-------------------------|-----------------|-----------------|
| 6585.000000         | 317.500000      | 98.750000               | 218.750000              | ---             | 320.000000      |

| DUT Frequency (MHz) | Band Edge Left (MHz) | Limit Min BE L (MHz) | Band Edge Right (MHz) | Limit Max BE R (MHz) | Result |
|---------------------|----------------------|----------------------|-----------------------|----------------------|--------|
| 6585.000000         | 6426.250000          | 5925.000000          | 6743.750000           | 7125.000000          | PASS   |

99 %Bandwidth



Bandwidth



## Measurement

| Setting         | Instrument Value | Target Value  |
|-----------------|------------------|---------------|
| Start Frequency | 6.26500 GHz      | 6.26500 GHz   |
| Stop Frequency  | 6.90500 GHz      | 6.90500 GHz   |
| Span            | 640.000 MHz      | 640.000 MHz   |
| RBW             | 5.000 MHz        | >= 3.200 MHz  |
| VBW             | 20.000 MHz       | >= 15.000 MHz |
| SweepPoints     | 256              | ~ 256         |

|                 |            |            |
|-----------------|------------|------------|
| SweepTime       | 1.000 ms   | AUTO       |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation     | 30.000 dB  | AUTO       |
| Detector        | MaxPeak    | MaxPeak    |
| SweepCount      | 200        | 200        |
| Filter          | 3 dB       | 3 dB       |
| Trace Mode      | Max Hold   | Max Hold   |
| SweepType       | Sweep      | AUTO       |
| Preamp          | off        | off        |

## Tx Spurious Emission (6585 MHz; 24.000 dBm; 320 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6585.000000         | PASS   |

### Final measurements

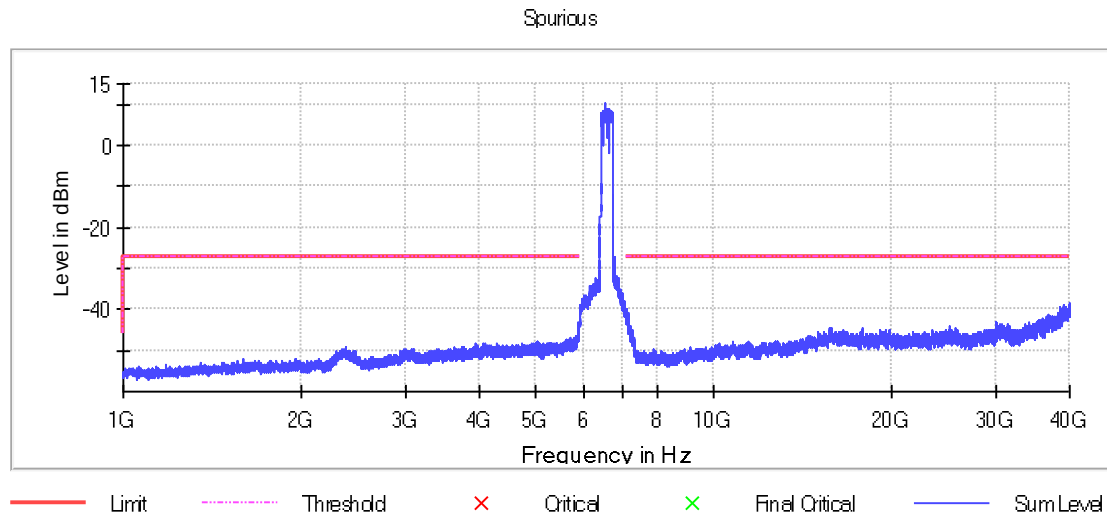
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---   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

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 1000.000000     | -55.6       | 9.7         | -45.9       |
| 39949.750000    | -38.6       | 11.6        | -27.0       |
| 39942.250000    | -38.8       | 11.8        | -27.0       |
| 39973.750000    | -38.9       | 11.9        | -27.0       |
| 39982.250000    | -39.0       | 12.0        | -27.0       |
| 39127.750000    | -39.0       | 12.0        | -27.0       |
| 39874.750000    | -39.0       | 12.0        | -27.0       |
| 39088.250000    | -39.1       | 12.1        | -27.0       |
| 39960.750000    | -39.1       | 12.1        | -27.0       |
| 39235.250000    | -39.1       | 12.1        | -27.0       |
| 39185.750000    | -39.1       | 12.1        | -27.0       |
| 39987.250000    | -39.1       | 12.1        | -27.0       |
| 39145.250000    | -39.1       | 12.1        | -27.0       |
| 39995.750000    | -39.2       | 12.2        | -27.0       |
| 39980.750000    | -39.2       | 12.2        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 2               | 2                 |
| 5925.000000           | 7125.000000          | 2               | 2                 |
| 7125.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



## Emissions in restricted frequency bands (Average) (6585 MHz; 24.000 dBm; 320 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6585.000000         | PASS   |

### Final measurements

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

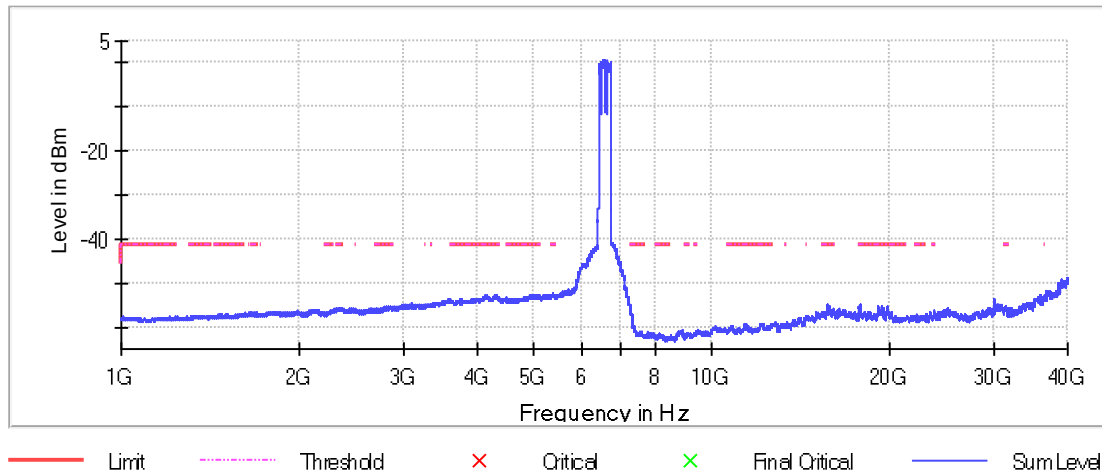
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5389.250000     | -52.4       | 11.2        | -41.2       |
| 5361.250000     | -52.5       | 11.3        | -41.2       |
| 5061.250000     | -52.5       | 11.3        | -41.2       |
| 5064.750000     | -52.5       | 11.3        | -41.2       |
| 5052.250000     | -52.6       | 11.4        | -41.2       |
| 5386.250000     | -52.6       | 11.4        | -41.2       |
| 5358.250000     | -52.6       | 11.4        | -41.2       |
| 5362.250000     | -52.6       | 11.4        | -41.2       |
| 5059.250000     | -52.7       | 11.5        | -41.2       |
| 5055.750000     | -52.7       | 11.5        | -41.2       |
| 5057.750000     | -52.7       | 11.5        | -41.2       |
| 5058.250000     | -52.7       | 11.5        | -41.2       |
| 5081.250000     | -52.7       | 11.5        | -41.2       |
| 5412.750000     | -52.7       | 11.5        | -41.2       |
| 5062.750000     | -52.7       | 11.5        | -41.2       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 1000.000000           | 5925.000000          | 1               | 1                 |
| 5925.000000           | 7125.000000          | 1               | 1                 |
| 7125.000000           | 18000.000000         | 1               | 1                 |
| 18000.000000          | 40000.000000         | 1               | 1                 |

Restricted Band



## Emissions in restricted frequency bands (Peak) (6585 MHz; 24.000 dBm; 320 MHz)

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 6585.000000         | PASS   |

### Final measurements

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

### Pre Measurements

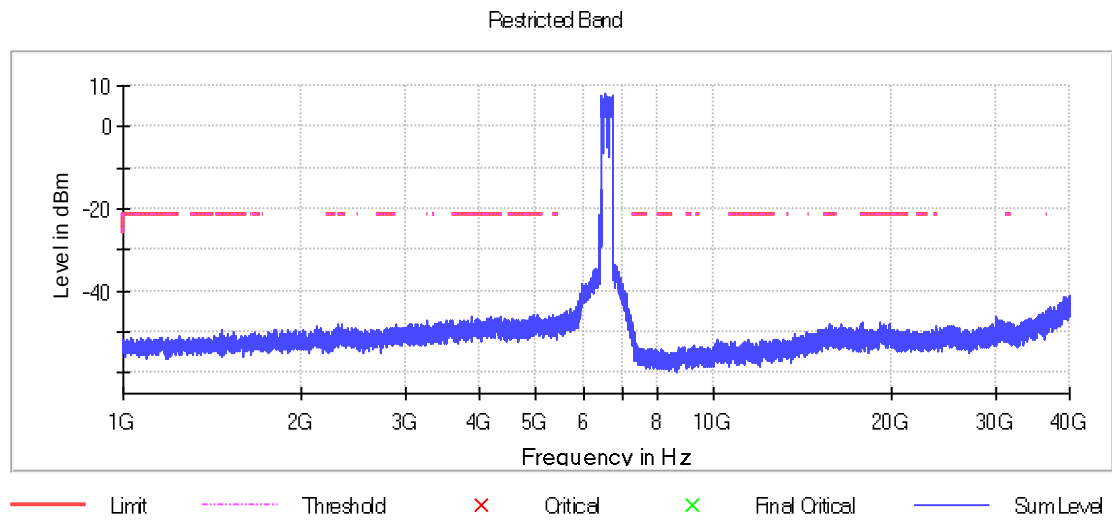
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 36453.642074    | -45.7       | 24.5        | -21.2       |
| 5019.250000     | -45.9       | 24.7        | -21.2       |
| 4943.250000     | -45.9       | 24.7        | -21.2       |
| 5441.250000     | -46.0       | 24.8        | -21.2       |
| 36486.641042    | -46.1       | 24.9        | -21.2       |
| 4349.750000     | -46.1       | 24.9        | -21.2       |
| 5035.750000     | -46.2       | 25.0        | -21.2       |
| 36479.078779    | -46.2       | 25.0        | -21.2       |
| 5405.750000     | -46.2       | 25.0        | -21.2       |
| 5018.750000     | -46.3       | 25.1        | -21.2       |
| 4922.250000     | -46.3       | 25.1        | -21.2       |

---

|              |       |      |       |
|--------------|-------|------|-------|
| 4207.250000  | -46.4 | 25.2 | -21.2 |
| 3878.250000  | -46.4 | 25.2 | -21.2 |
| 4863.250000  | -46.5 | 25.3 | -21.2 |
| 36487.328521 | -46.5 | 25.3 | -21.2 |

## Measurement Settings

| Start Frequency<br>(MHz) | Stop Frequency<br>(MHz) | Pre Measurement | Final Measurement |
|--------------------------|-------------------------|-----------------|-------------------|
| 1000.000000              | 5925.000000             | 1               | 1                 |
| 5925.000000              | 7125.000000             | 1               | 1                 |
| 7125.000000              | 18000.000000            | 1               | 1                 |
| 18000.000000             | 40000.000000            | 1               | 2                 |



## 1.2 Summary

| Test                          | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|-------------------------------|-----------------|---------------------|-------------------------|--------|
| Power Spectral Density (SA-2) | 6535.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density (SA-2) | 6695.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density (SA-2) | 6875.000        | 24.0                | 20.000000               | PASS   |
| Power Spectral Density (SA-2) | 6525.000        | 24.0                | 40.000000               | PASS   |
| Power Spectral Density (SA-2) | 6685.000        | 24.0                | 40.000000               | PASS   |
| Power Spectral Density (SA-2) | 6885.000        | 24.0                | 40.000000               | PASS   |
| Power Spectral Density (SA-2) | 6545.000        | 24.0                | 80.000000               | PASS   |
| Power Spectral Density (SA-2) | 6705.000        | 24.0                | 80.000000               | PASS   |
| Power Spectral Density (SA-2) | 6865.000        | 24.0                | 80.000000               | PASS   |
| Power Spectral Density (SA-2) | 6505.000        | 24.0                | 160.000000              | PASS   |
| Power Spectral Density (SA-2) | 6665.000        | 24.0                | 160.000000              | PASS   |
| Power Spectral Density (SA-2) | 6825.000        | 24.0                | 160.000000              | PASS   |
| Power Spectral Density (SA-2) | 6585.000        | 24.0                | 320.000000              | PASS   |

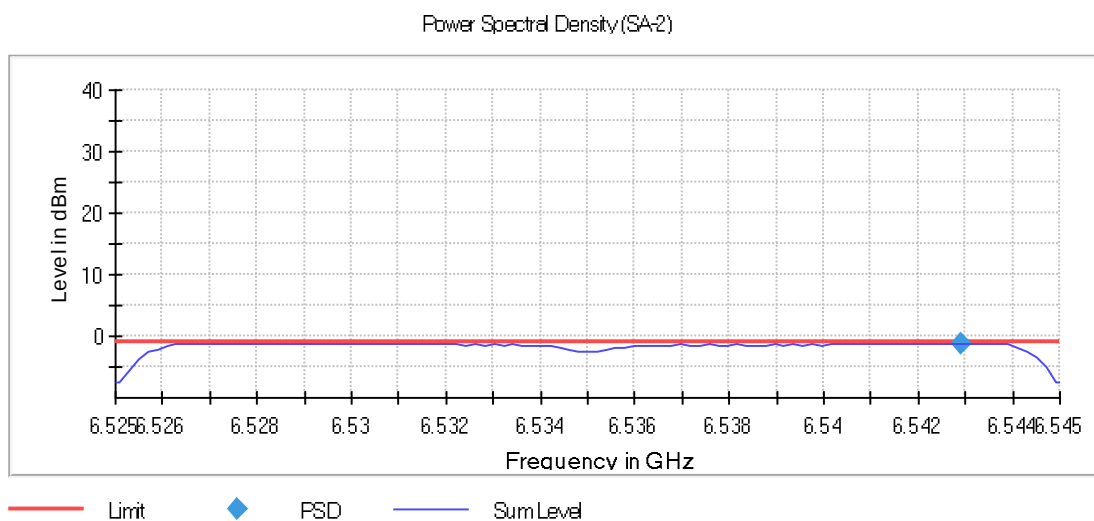
### Power Spectral Density (SA-2) (6535 MHz; 24.000 dBm; 20 MHz)

#### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6535.000000         | 6542.920792     | -1.134    | -0.8            | PASS   |

#### Ports

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



#### Measurement

| Setting         | Instrument Value | Target Value |
|-----------------|------------------|--------------|
| Start Frequency | 6.52500 GHz      | 6.52500 GHz  |

|                 |               |               |
|-----------------|---------------|---------------|
| Stop Frequency  | 6.54500 GHz   | 6.54500 GHz   |
| Span            | 20.000 MHz    | 20.000 MHz    |
| RBW             | 1.000 MHz     | <= 1.000 MHz  |
| VBW             | 3.000 MHz     | >= 3.000 MHz  |
| SweepPoints     | 101           | ~ 40          |
| SweepTime       | 1.000 ms      | AUTO          |
| Reference Level | 10.000 dBm    | 10.000 dBm    |
| Attenuation     | 30.000 dB     | AUTO          |
| Detector        | RMS           | RMS           |
| SweepCount      | 100           | 100           |
| Filter          | 3 dB          | 3 dB          |
| Trace Mode      | Average Power | Average Power |
| SweepType       | Sweep         | Sweep         |
| Preamp          | off           | off           |

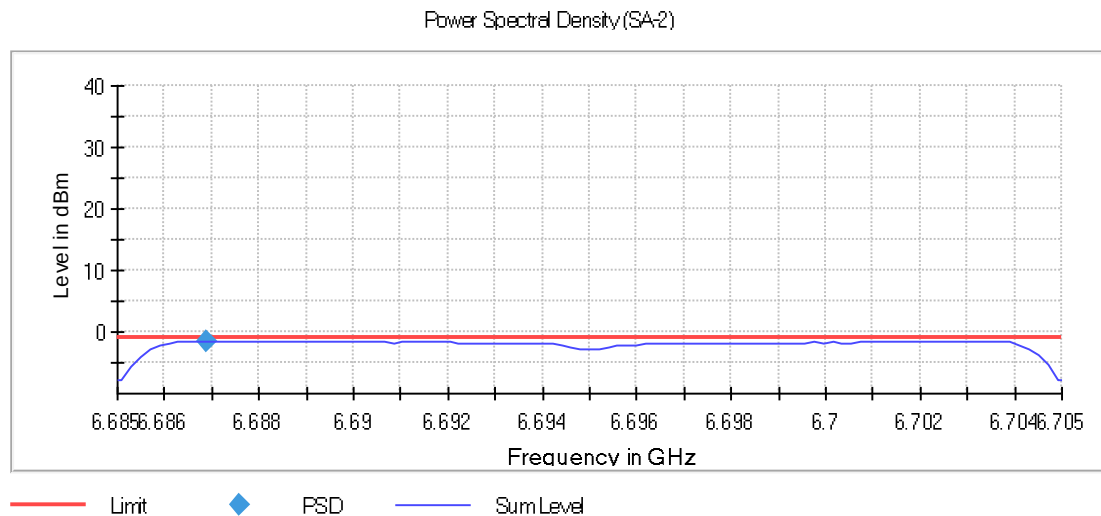
## Power Spectral Density (SA-2) (6695 MHz; 24.000 dBm; 20 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6695.000000         | 6686.881188     | -1.422    | -0.8            | PASS   |

### Ports

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



## Power Spectral Density (SA-2) (6875 MHz; 24.000 dBm; 20 MHz)

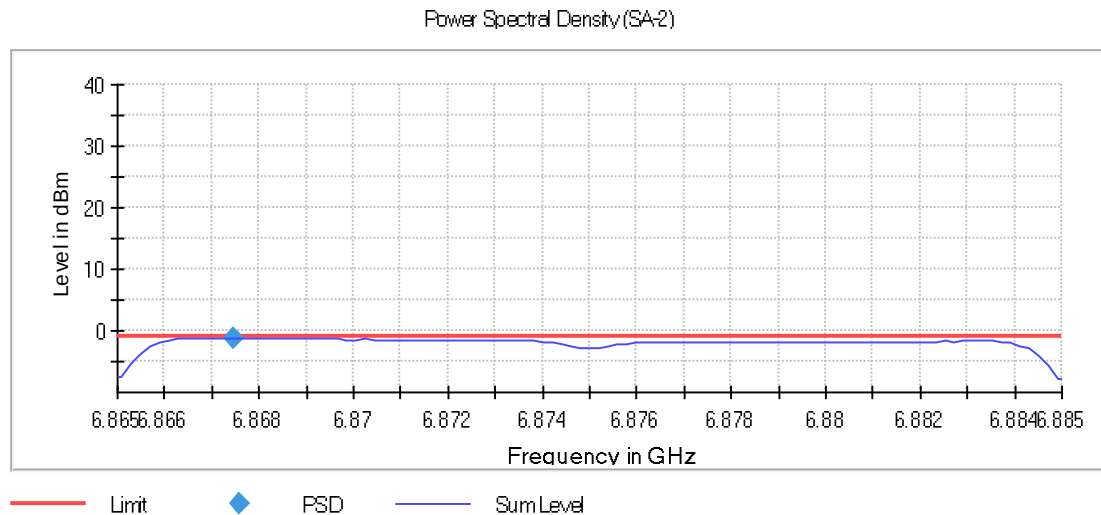
### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
|---------------------|-----------------|-----------|-----------------|--------|

|             |             |        |      |      |
|-------------|-------------|--------|------|------|
| 6875.000000 | 6867.475248 | -1.168 | -0.8 | PASS |
|-------------|-------------|--------|------|------|

## Ports

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



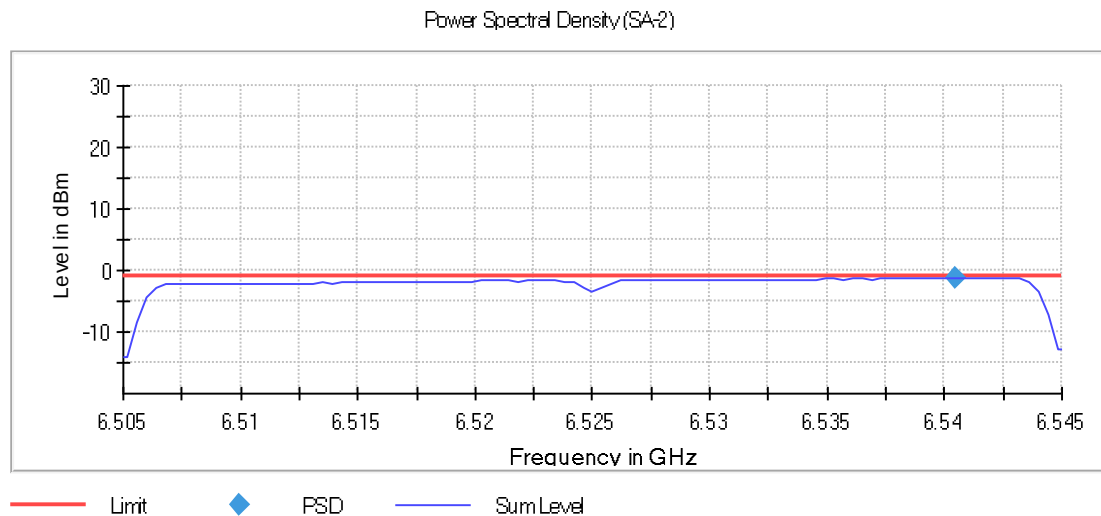
## Power Spectral Density (SA-2) (6525 MHz; 24.000 dBm; 40 MHz)

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6525.000000         | 6540.445545     | -1.245    | -0.8            | PASS   |

## Ports

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



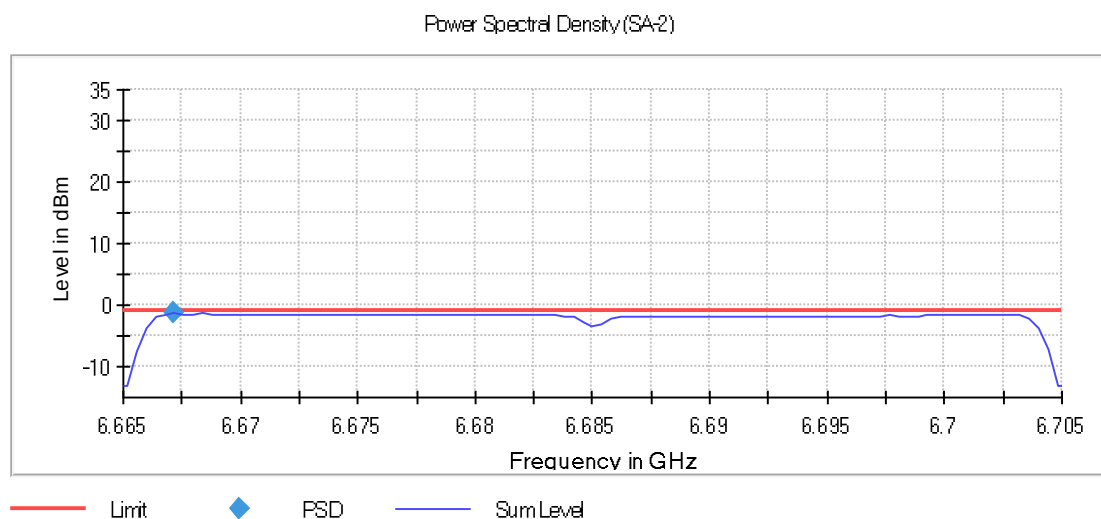
## Power Spectral Density (SA-2) (6685 MHz; 24.000 dBm; 40 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6685.000000         | 6667.178218     | -1.351    | -0.8            | PASS   |

### Ports

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



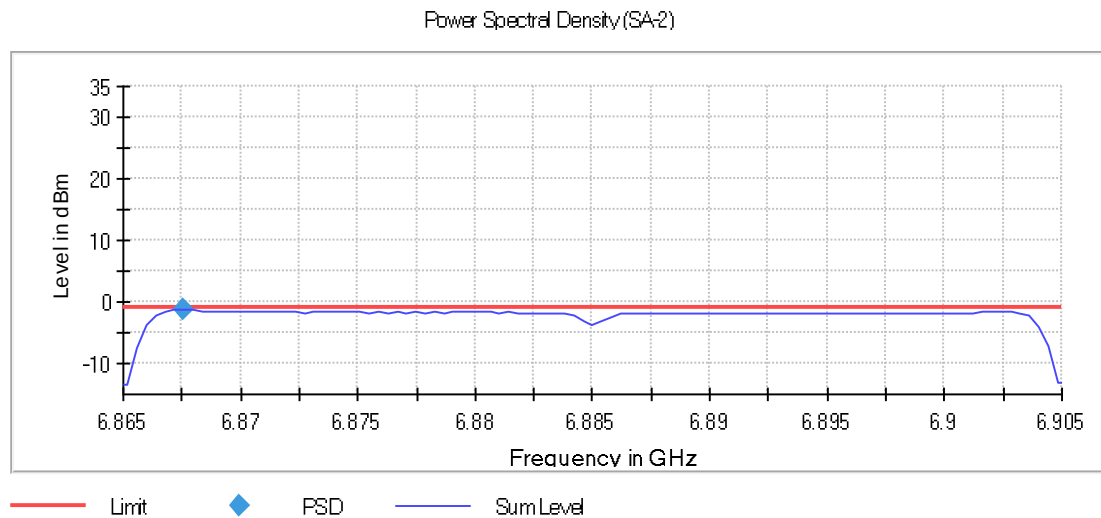
## Power Spectral Density (SA-2) (6885 MHz; 24.000 dBm; 40 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6885.000000         | 6867.574257     | -1.360    | -0.8            | PASS   |

### Ports

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



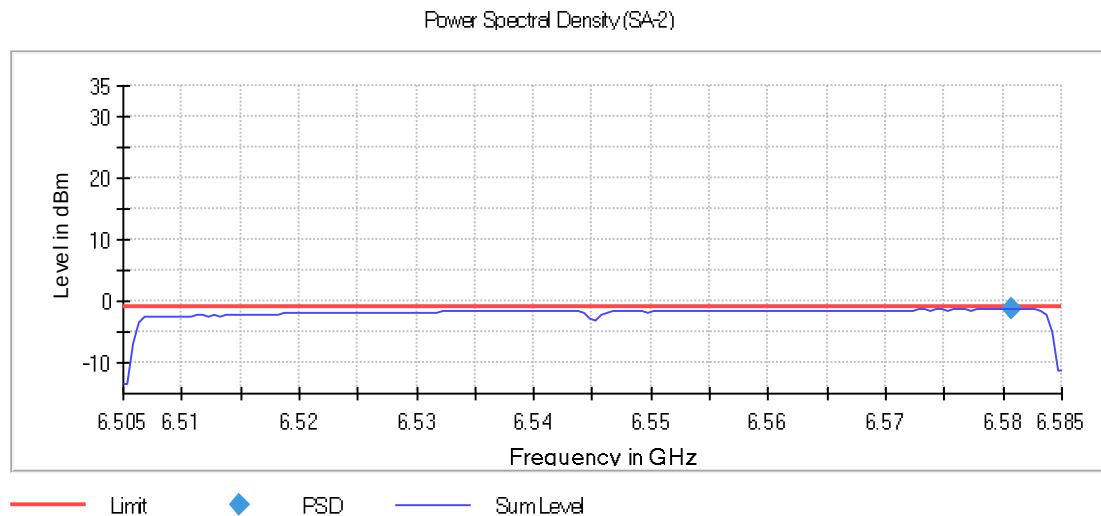
## Power Spectral Density (SA-2) (6545 MHz; 24.000 dBm; 80 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6545.000000         | 6580.750000     | -1.209    | -0.8            | PASS   |

### Ports

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



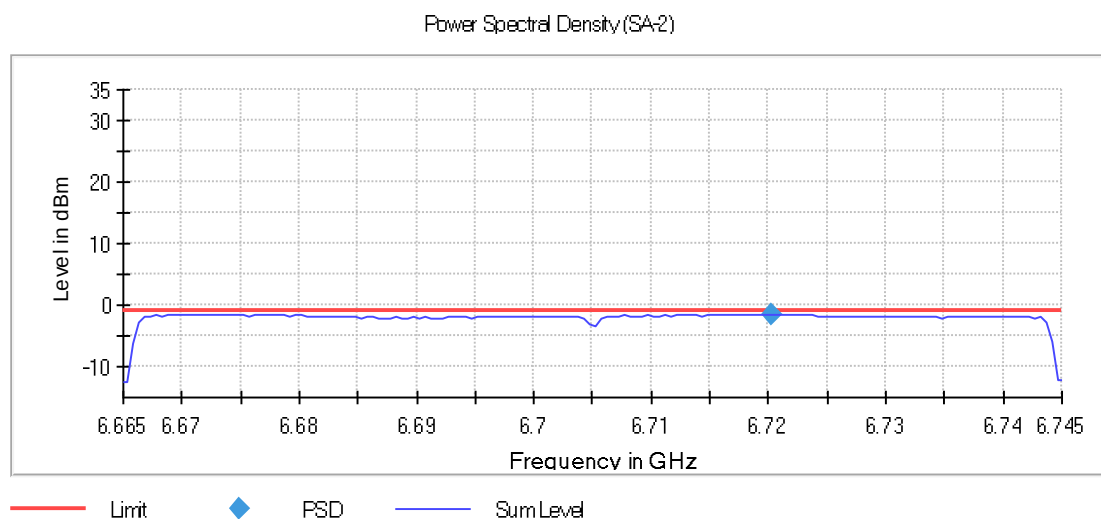
## Power Spectral Density (SA-2) (6705 MHz; 24.000 dBm; 80 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6705.000000         | 6720.250000     | -1.454    | -0.8            | PASS   |

### Ports

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



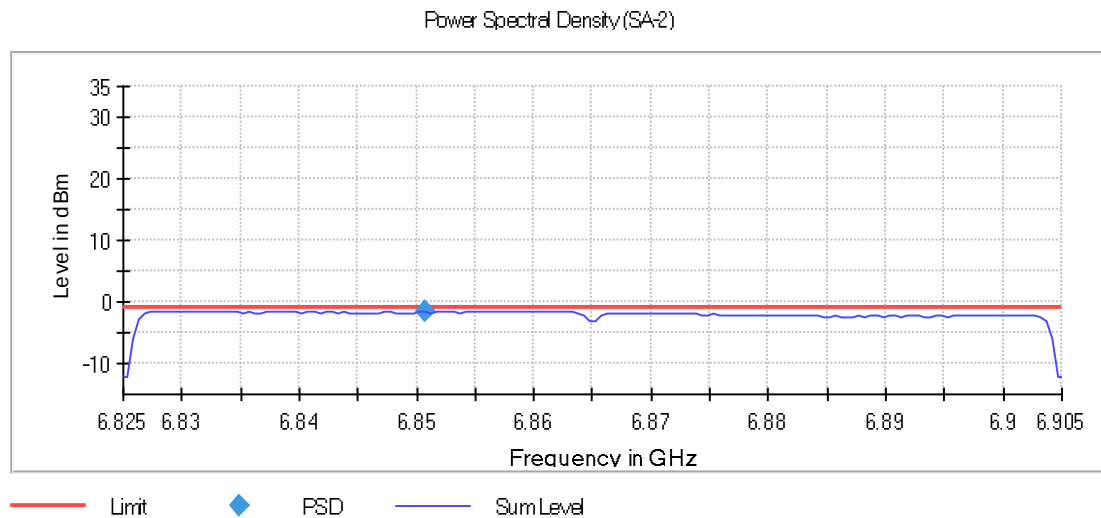
## Power Spectral Density (SA-2) (6865 MHz; 24.000 dBm; 80 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6865.000000         | 6850.750000     | -1.519    | -0.8            | PASS   |

### Ports

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



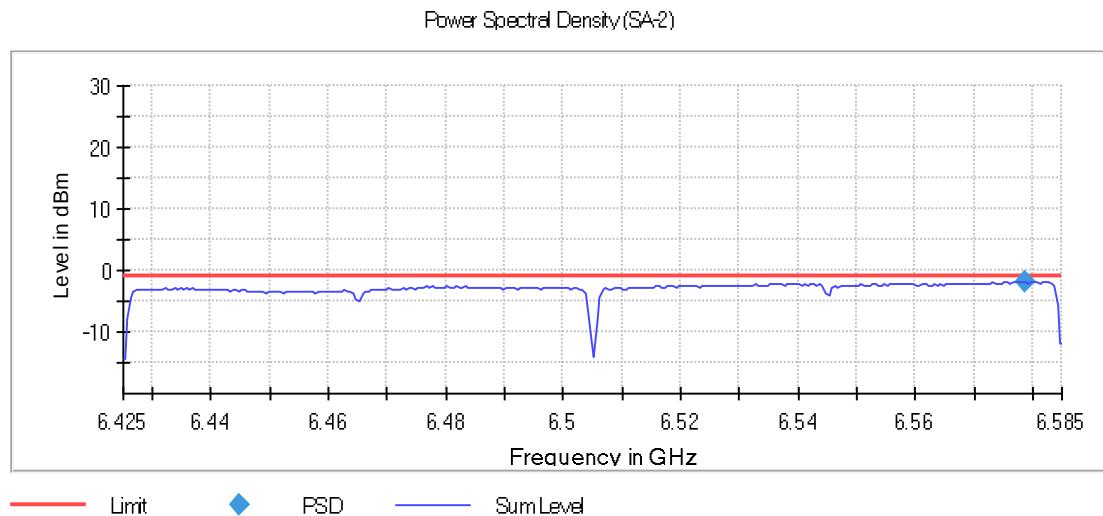
## Power Spectral Density (SA-2) (6505 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6505.000000         | 6578.750000     | -1.785    | -0.8            | PASS   |

### Ports

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



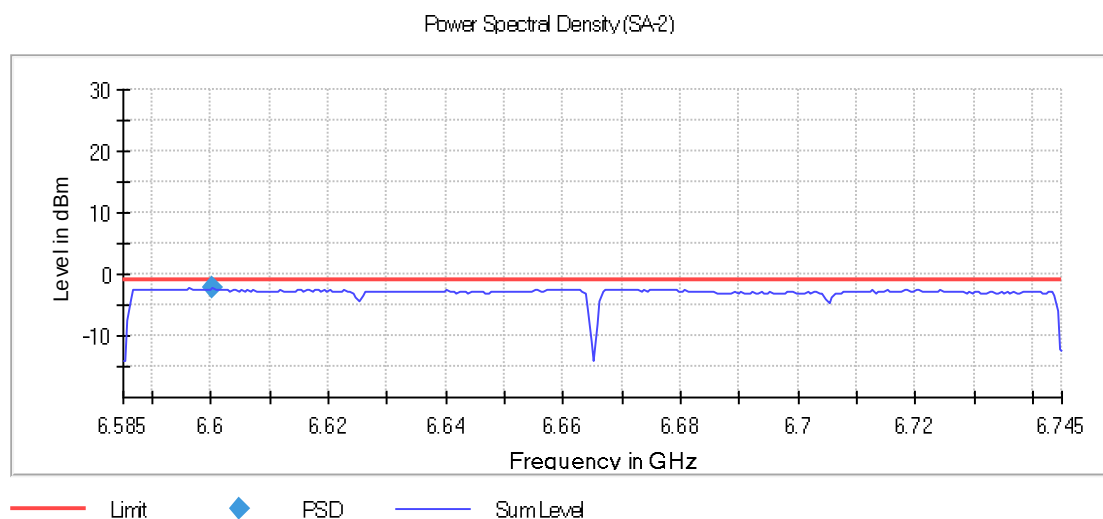
## Power Spectral Density (SA-2) (6665 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6665.000000         | 6600.250000     | -2.303    | -0.8            | PASS   |

### Ports

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



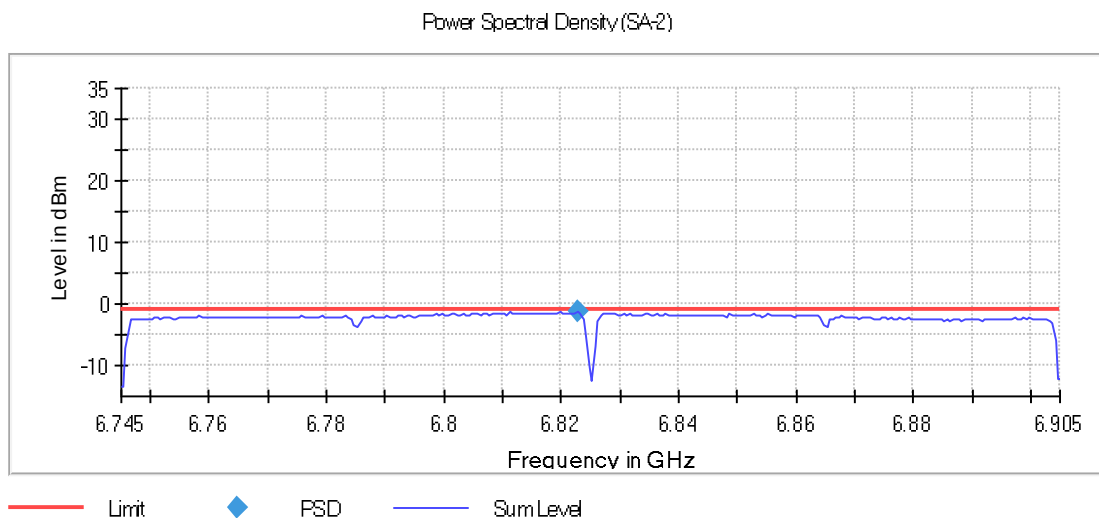
## Power Spectral Density (SA-2) (6825 MHz; 24.000 dBm; 160 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6825.000000         | 6822.750000     | -1.345    | -0.8            | PASS   |

### Ports

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



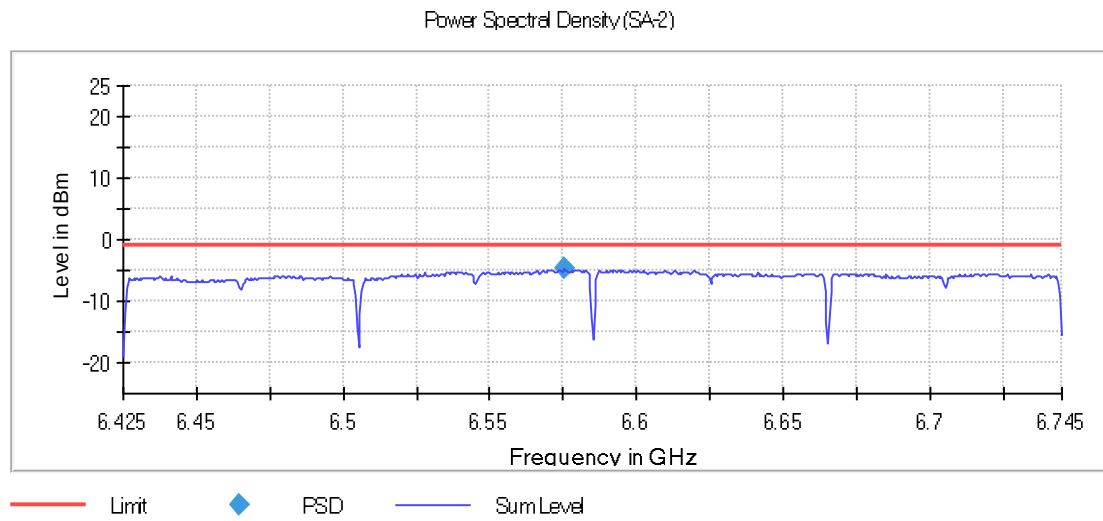
## Power Spectral Density (SA-2) (6585 MHz; 24.000 dBm; 320 MHz)

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 6585.000000         | 6575.250000     | -4.813    | -0.8            | PASS   |

### Ports

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



**-- End of Report --**