

### GTSL2025020051E06 Appendix 5.8G 10M

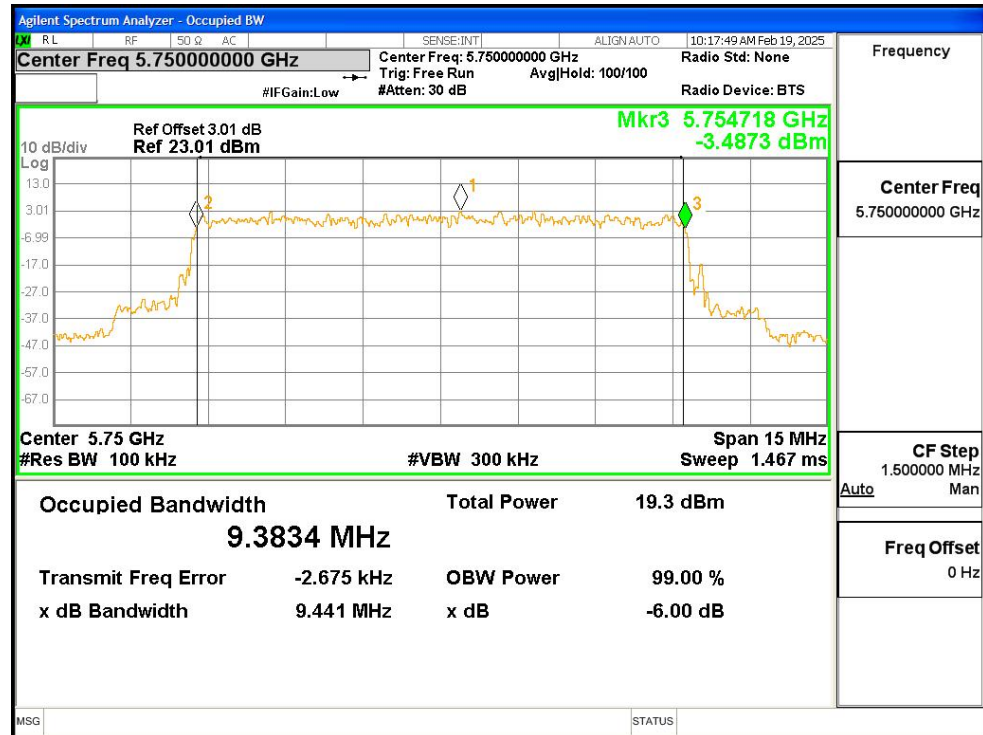
|                                    |    |
|------------------------------------|----|
| -6dB Emission Bandwidth .....      | 2  |
| Frequency Range .....              | 6  |
| Occupied Channel Bandwidth .....   | 9  |
| RF Output Power .....              | 13 |
| Spurious Emission .....            | 17 |
| Adjacent channel selectivity ..... | 36 |
| Receiver Blocking .....            | 40 |

**-6dB Emission Bandwidth**

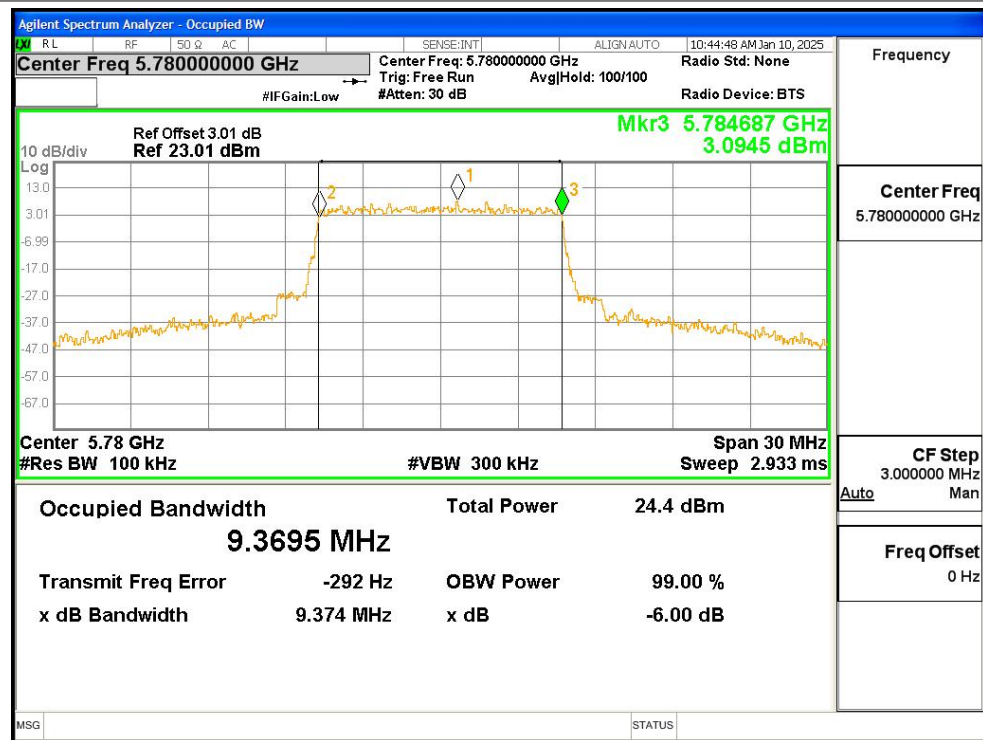
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5750            | Ant1    | 9.441                 | 0.5                         | Pass    |
|           |      | 5780            |         | 9.374                 | 0.5                         | Pass    |
|           |      | 5820            |         | 9.467                 | 0.5                         | Pass    |
|           |      | 5750            | Ant2    | 9.426                 | 0.5                         | Pass    |
|           |      | 5780            |         | 9.458                 | 0.5                         | Pass    |
|           |      | 5820            |         | 9.464                 | 0.5                         | Pass    |

### Test Graphs

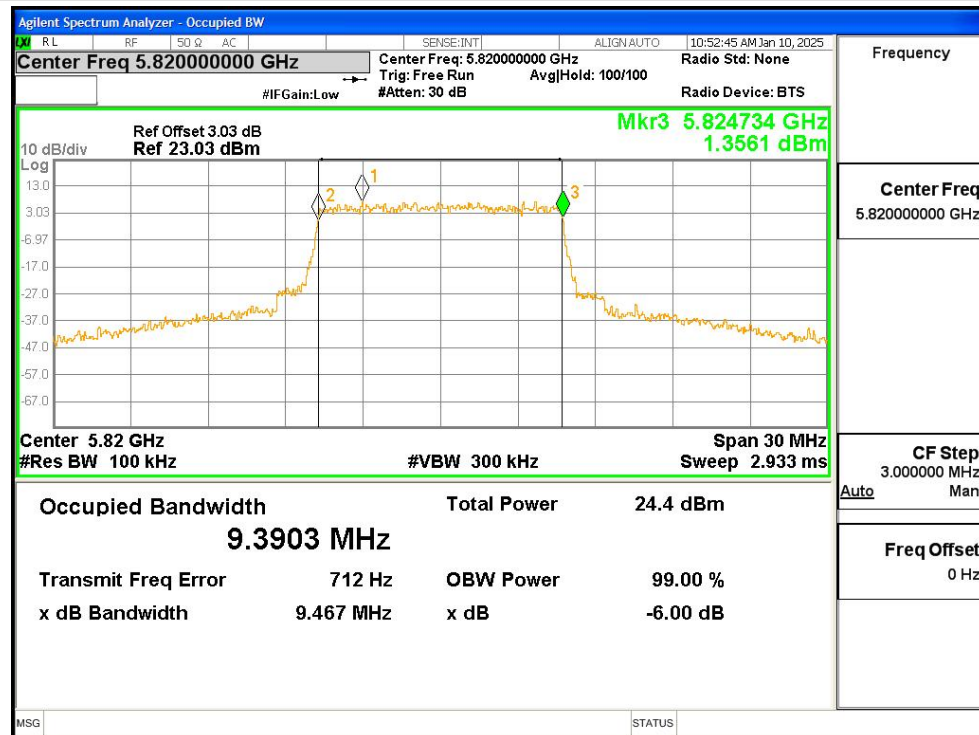
#### EBW NVNT a 5750MHz Ant1



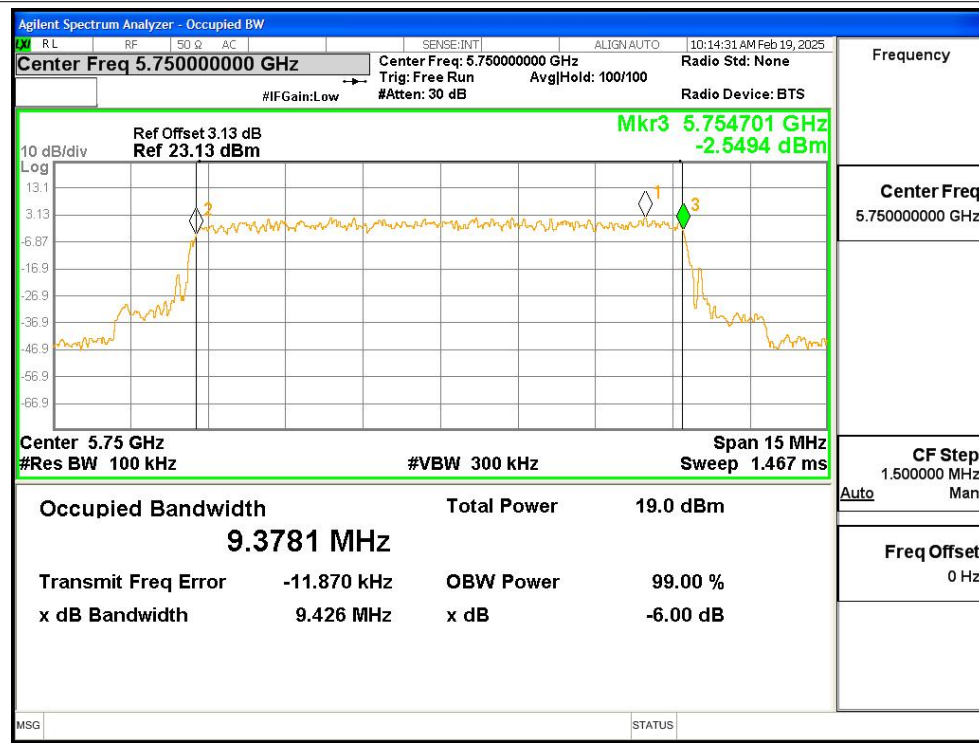
#### EBW NVNT a 5780MHz Ant1



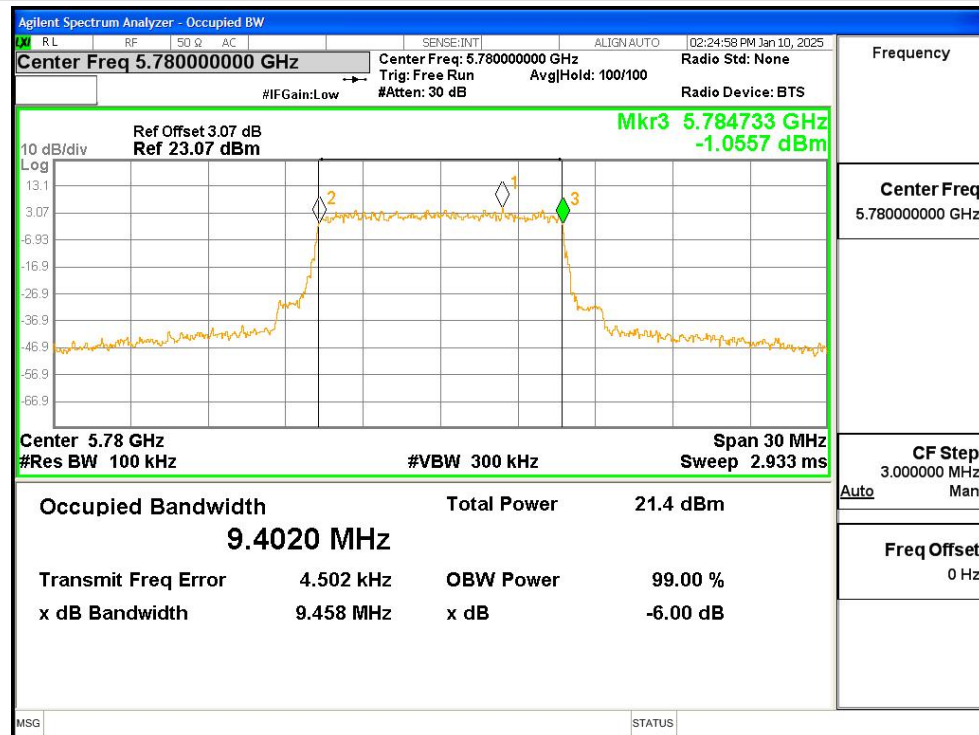
### EBW NVNT a 5820MHz Ant1



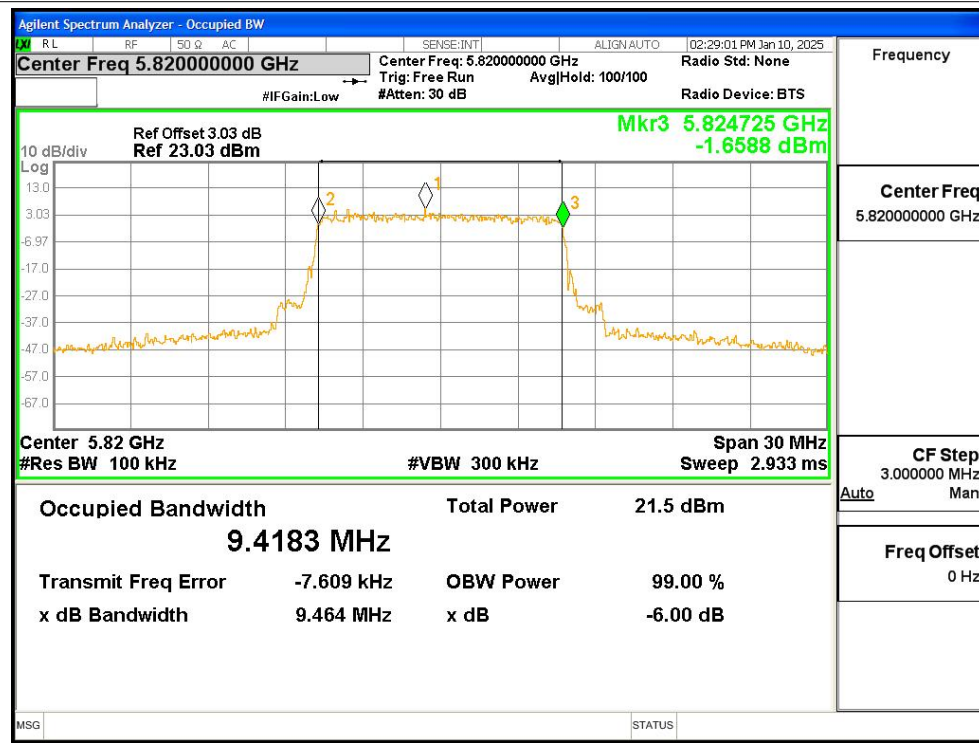
### EBW NVNT a 5750MHz Ant2



### EBW NVNT a 5780MHz Ant2



### EBW NVNT a 5820MHz Ant2

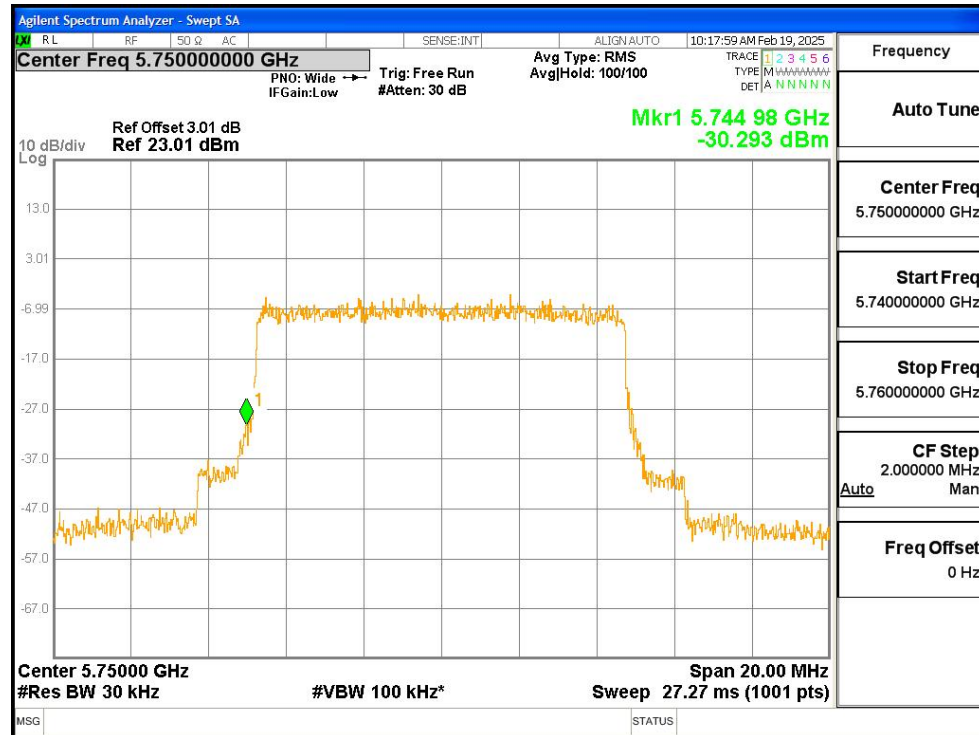


## Frequency Range

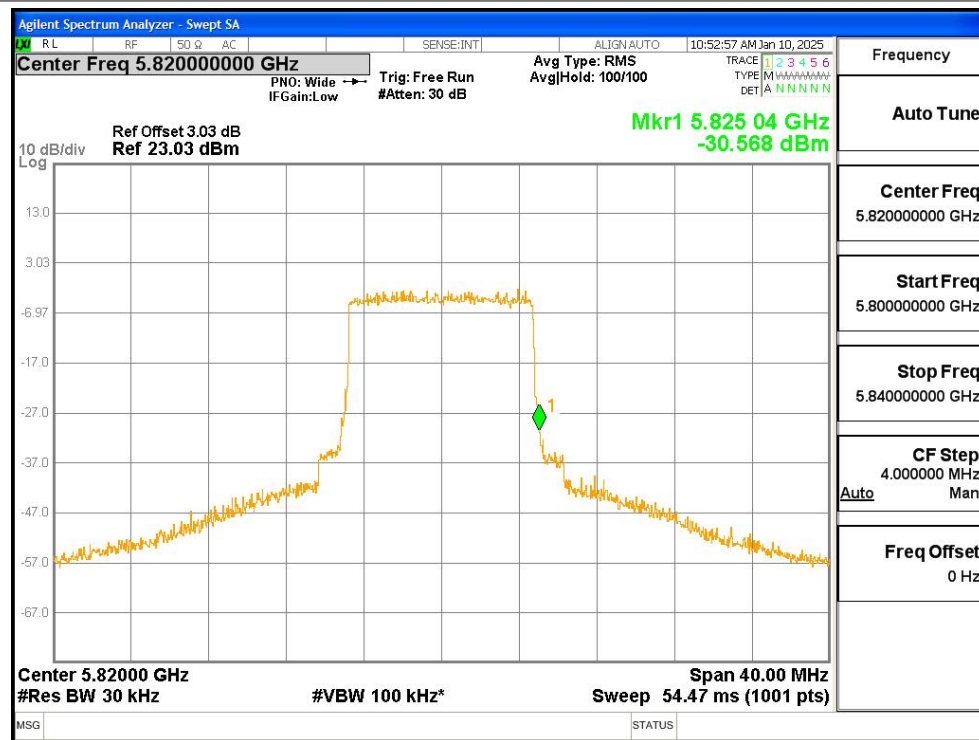
| Condition | Mode | Frequency (MHz) | Antenna | Frequency Range (MHz) | Limit (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | a    | 5750            | Ant1    | 5744.98               | $\geq 5725$ | Pass    |
|           |      | 5820            |         | 5825.04               | $\leq 5875$ | Pass    |
|           |      | 5750            | Ant2    | 5744.92               | $\geq 5725$ | Pass    |
|           |      | 5820            |         | 5824.96               | $\leq 5875$ | Pass    |

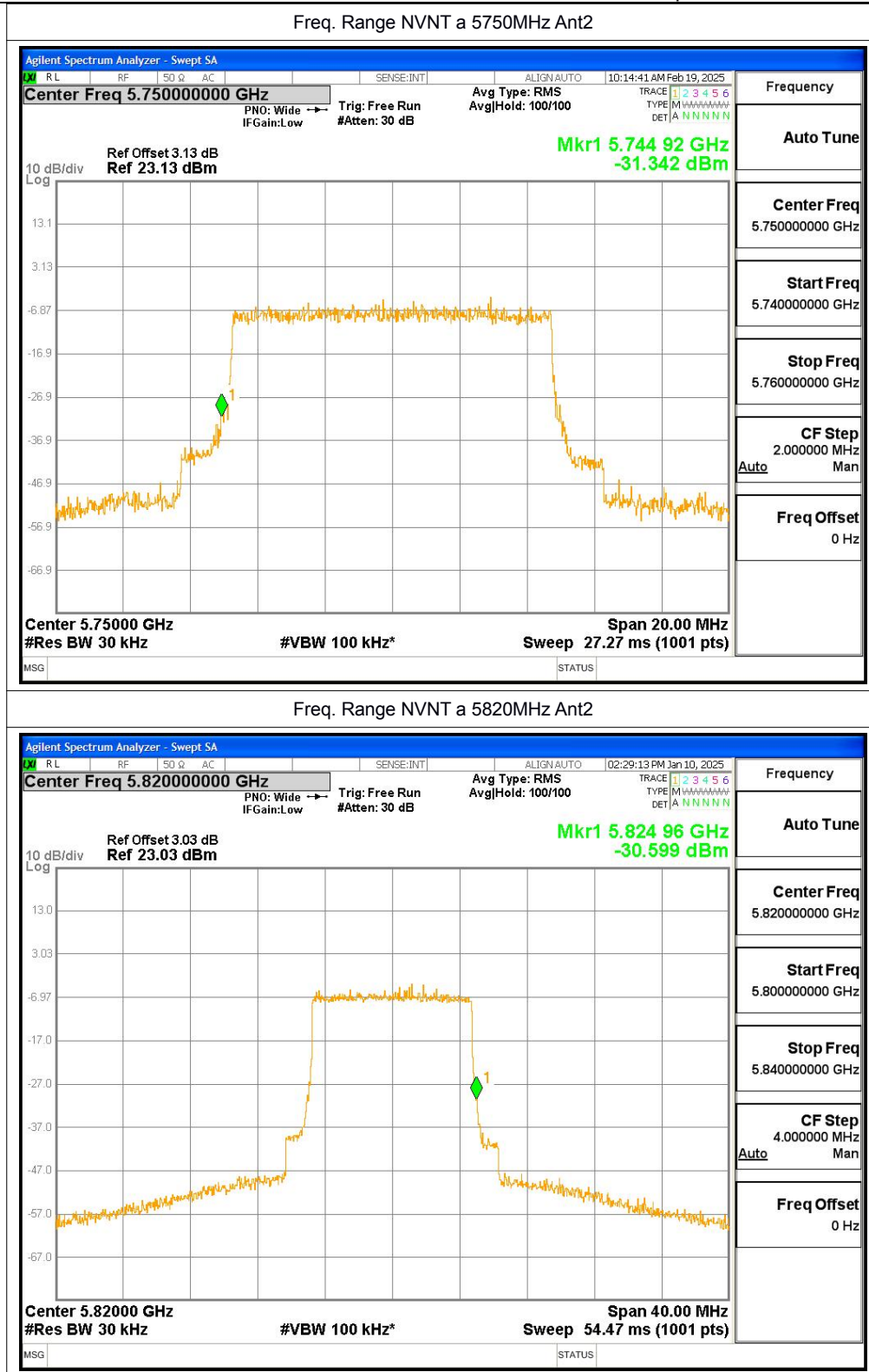
### Test Graphs

#### Freq. Range NVNT a 5750MHz Ant1



#### Freq. Range NVNT a 5820MHz Ant1



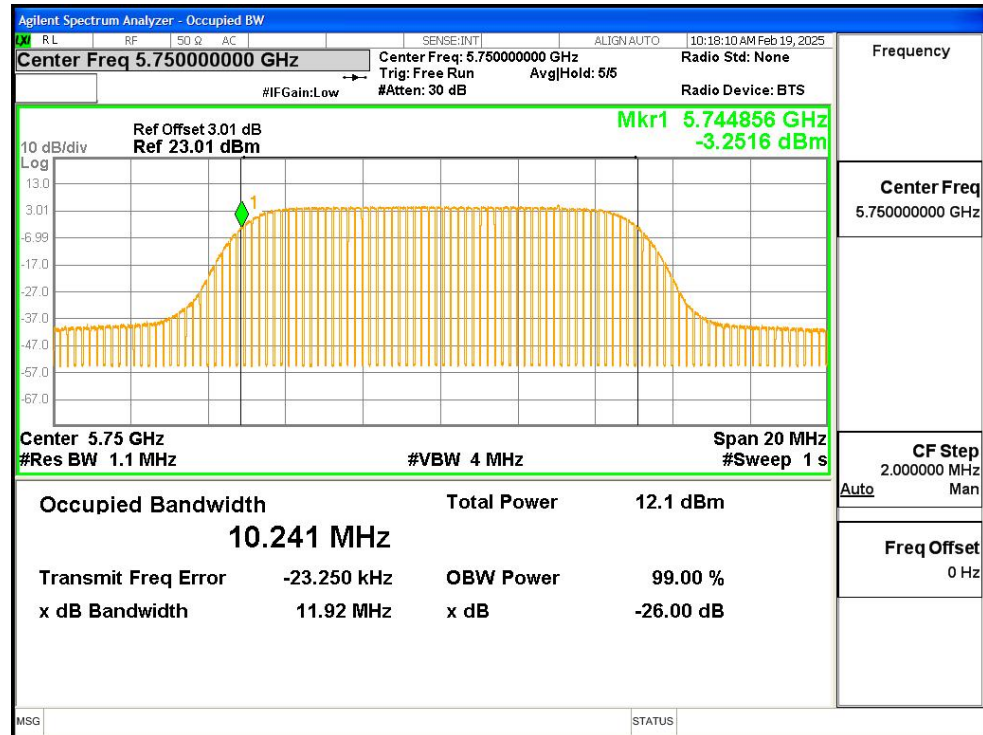


### Occupied Channel Bandwidth

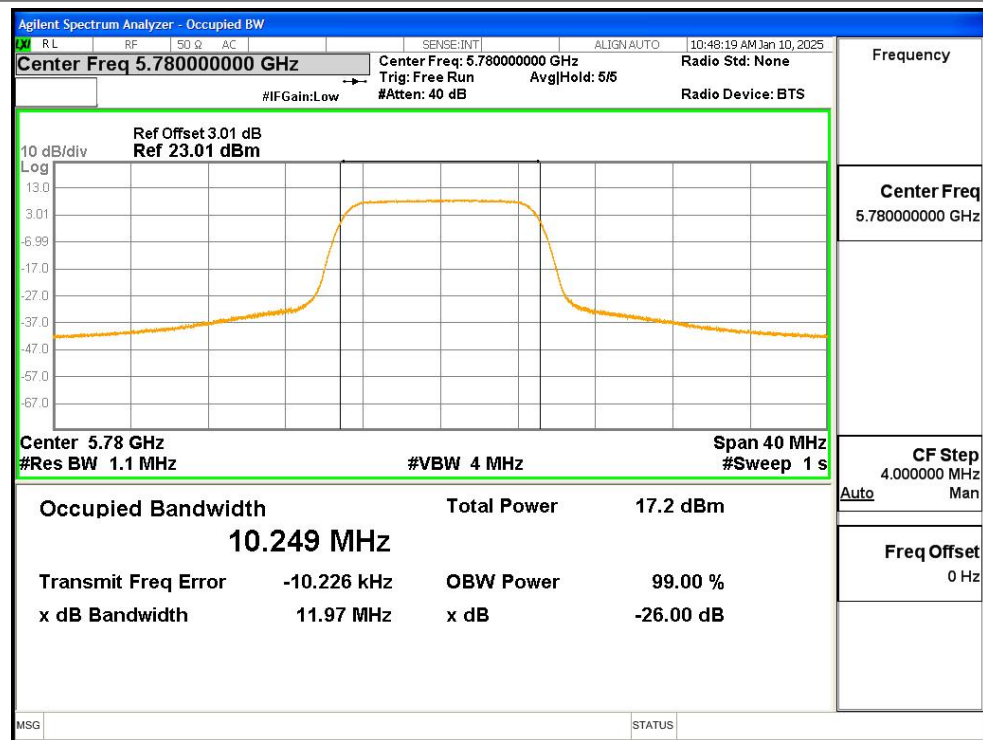
| Condition | Mode | Frequency (MHz) | Antenna | Center Frequency (MHz) | OBW (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|-----------|---------|
| NVNT      | a    | 5750            | Ant1    | 5749.977               | 10.241    | Pass    |
|           |      | 5780            |         | 5779.99                | 10.249    | Pass    |
|           |      | 5820            |         | 5819.978               | 10.235    | Pass    |
|           |      | 5750            | Ant2    | 5749.967               | 10.242    | Pass    |
|           |      | 5780            |         | 5779.977               | 10.259    | Pass    |
|           |      | 5820            |         | 5819.981               | 10.238    | Pass    |

### Test Graphs

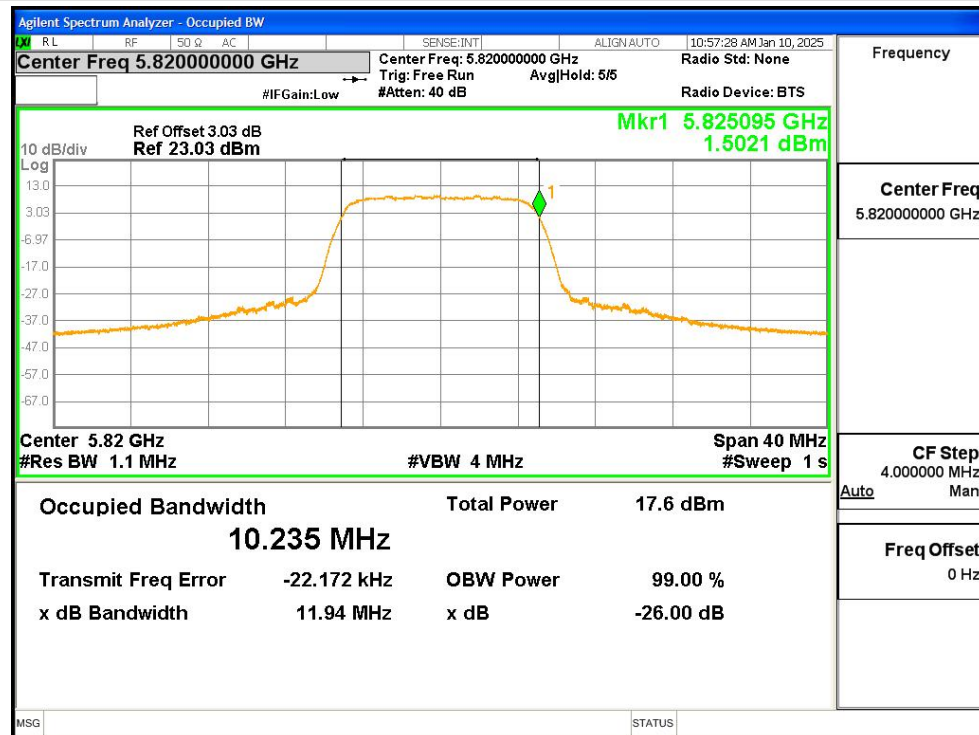
#### OBW NVNT a 5750MHz Ant1



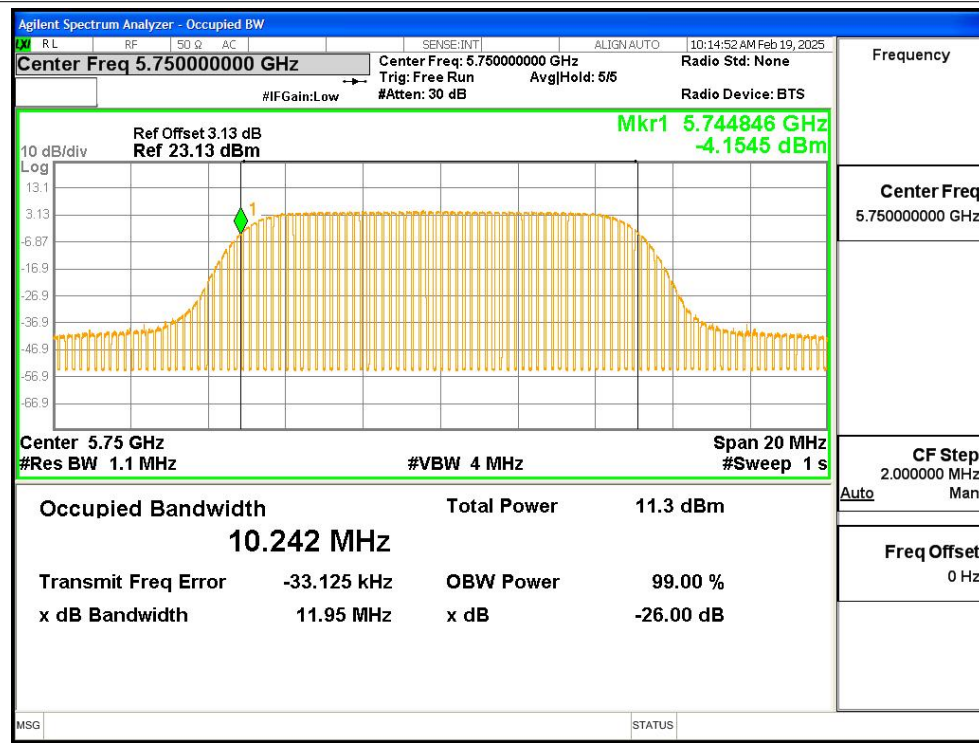
#### OBW NVNT a 5780MHz Ant1



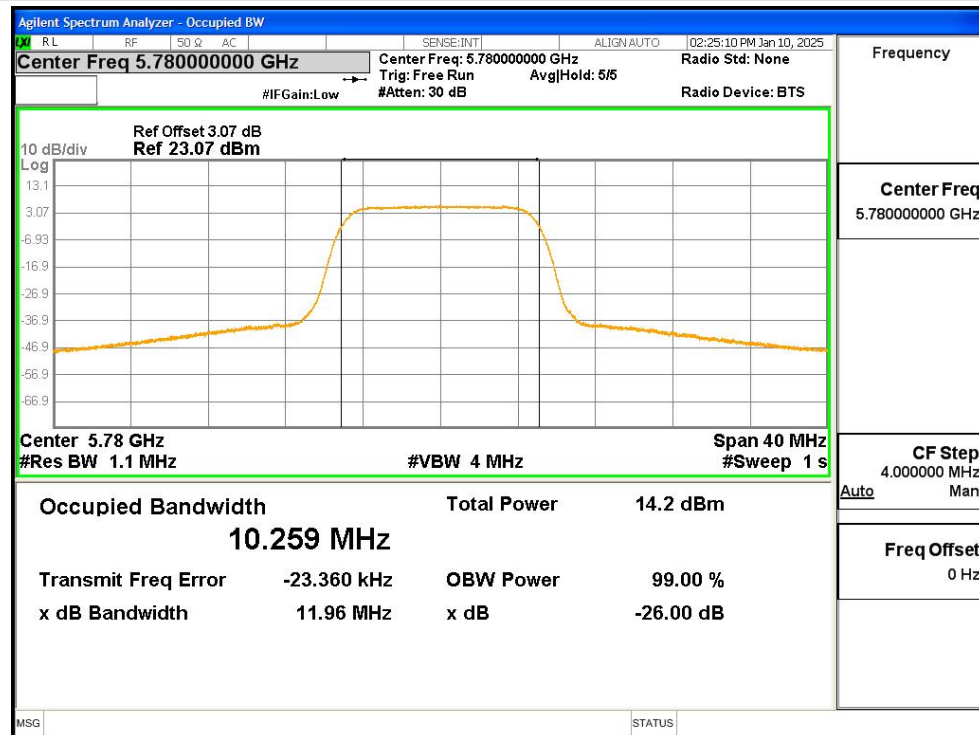
### OBW NVNT a 5820MHz Ant1



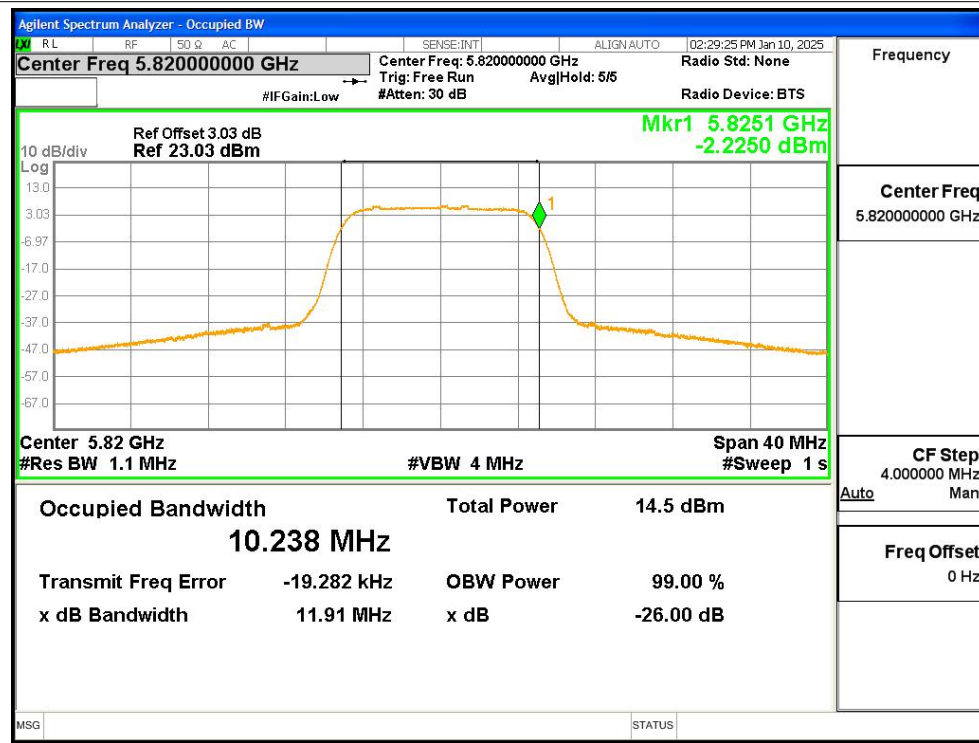
### OBW NVNT a 5750MHz Ant2



### OBW NVNT a 5780MHz Ant2



### OBW NVNT a 5820MHz Ant2

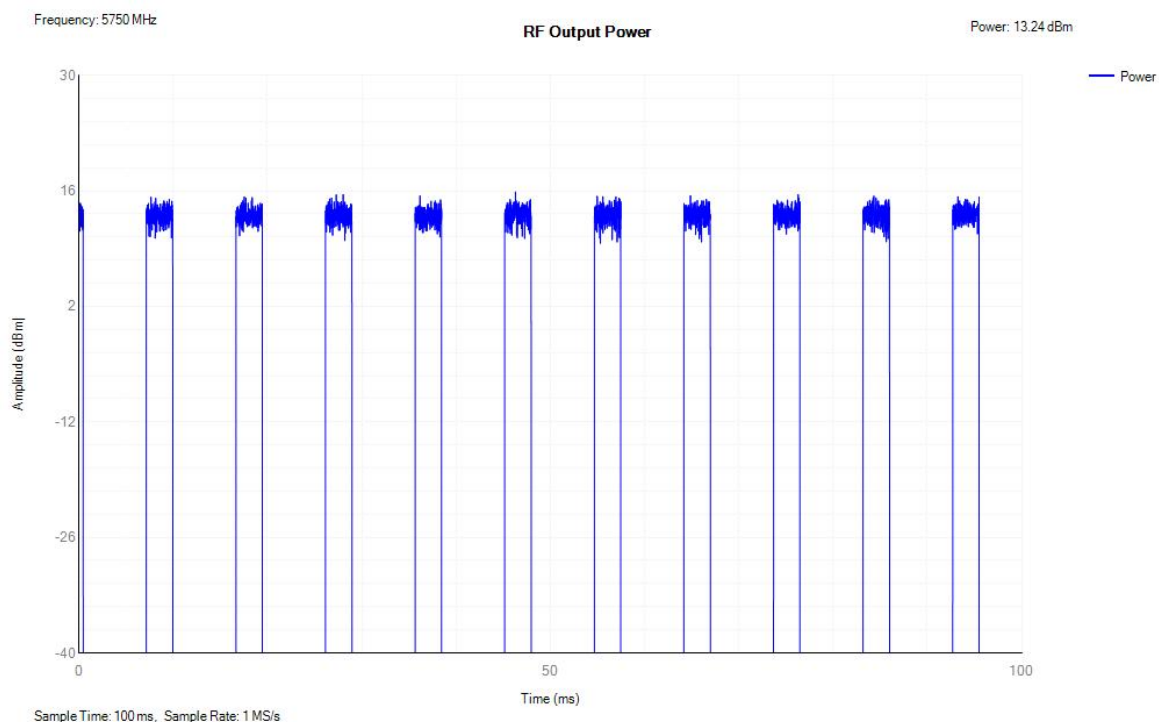


### RF Output Power

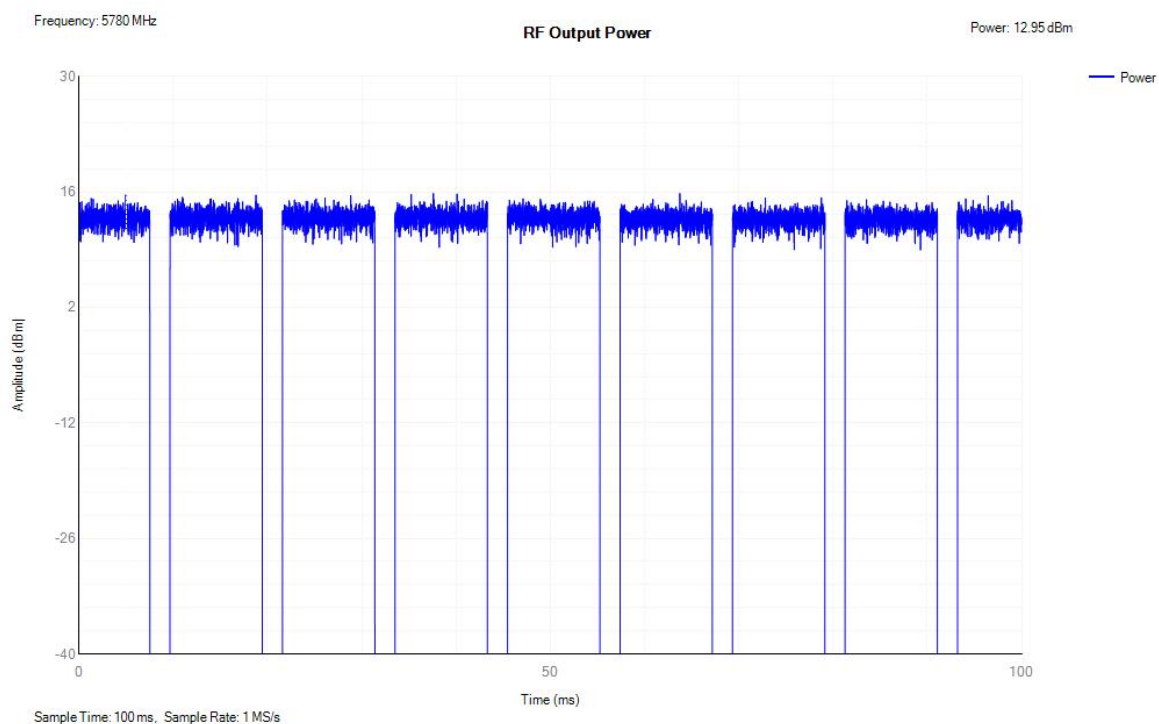
| Condition | Mode | Frequency<br>(MHz) | Antenna | Max Burst RMS Power<br>(dBm) | Burst<br>Number | Max EIRP<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|------------------------------|-----------------|-------------------|----------------|---------|
| NVNT      | a    | 5750               | Ant1    | 13.24                        | 11              | 13.24             | 13.98          | Pass    |
|           |      | 5780               |         | 12.95                        | 9               | 12.95             | 13.98          | Pass    |
|           |      | 5820               |         | 13.09                        | 9               | 13.09             | 13.98          | Pass    |
|           |      | 5750               | Ant2    | 12.34                        | 10              | 12.34             | 13.98          | Pass    |
|           |      | 5780               |         | 13.63                        | 9               | 13.63             | 13.98          | Pass    |
|           |      | 5820               |         | 13.38                        | 9               | 13.38             | 13.98          | Pass    |

## Test Graphs

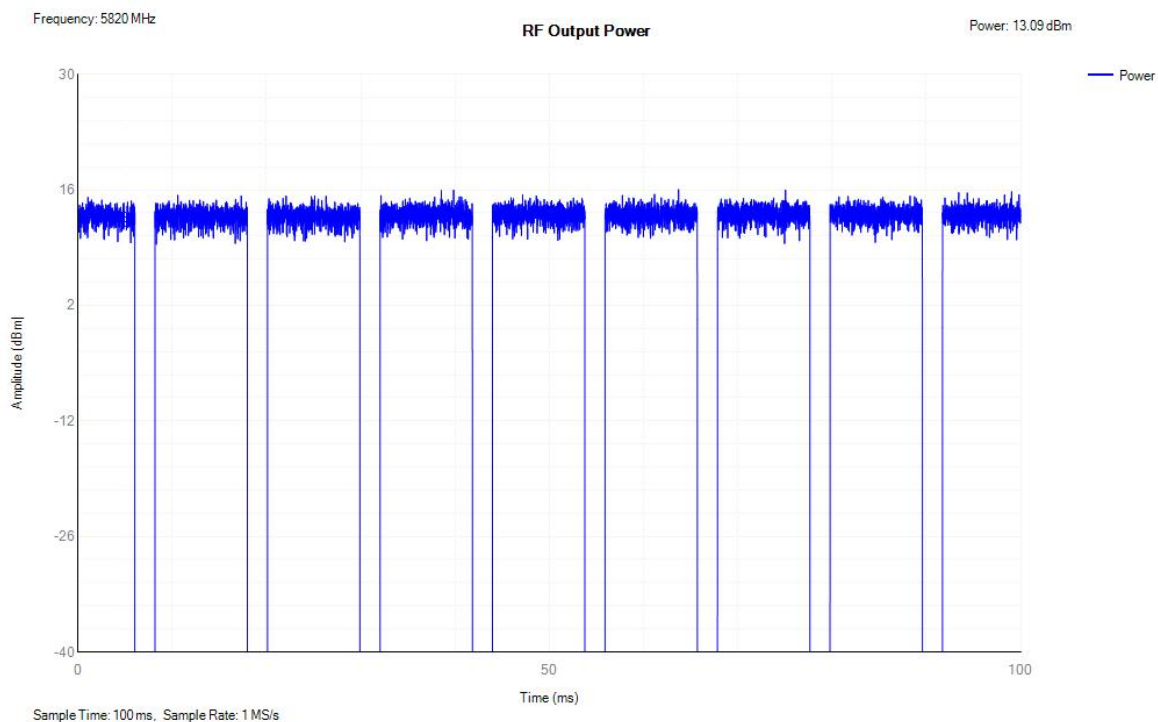
## Power NVNT a 5750MHz Ant1



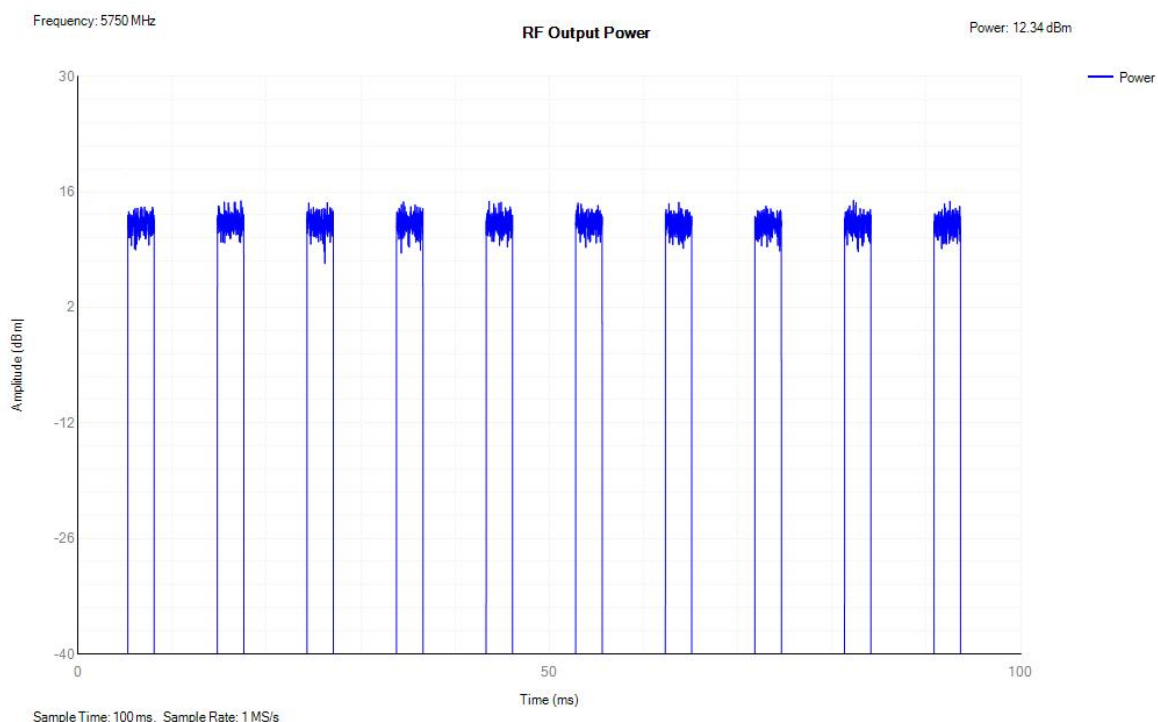
## Power NVNT a 5780MHz Ant1



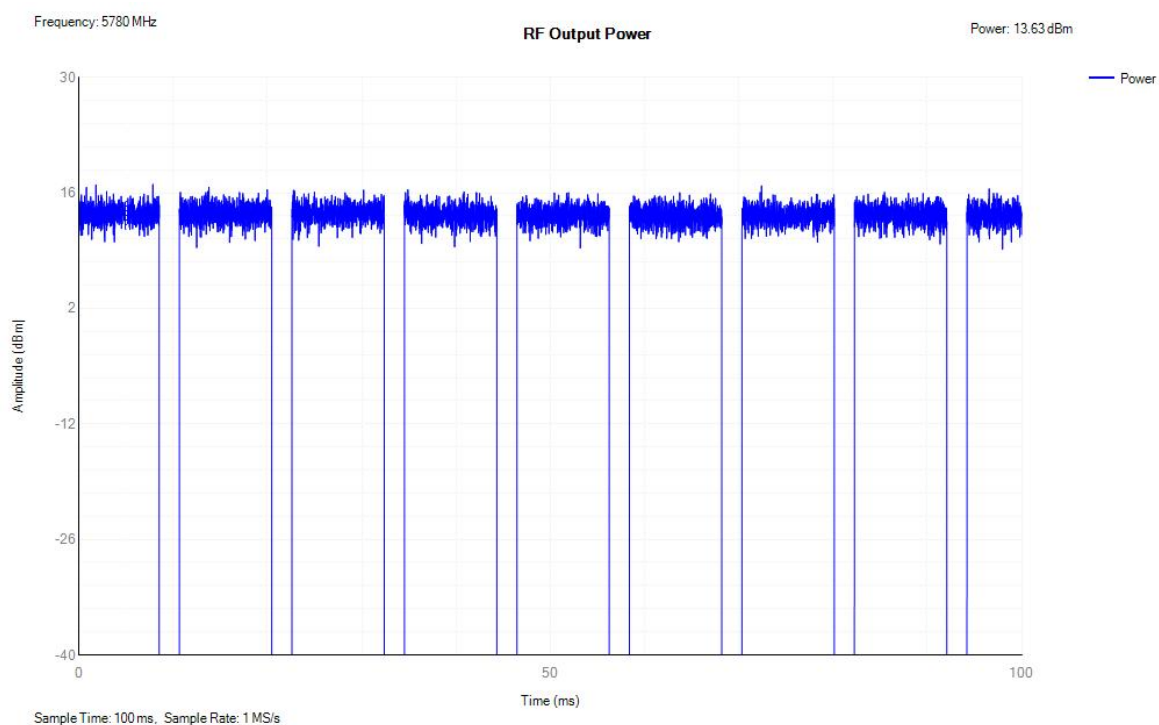
Power NVNT a 5820MHz Ant1



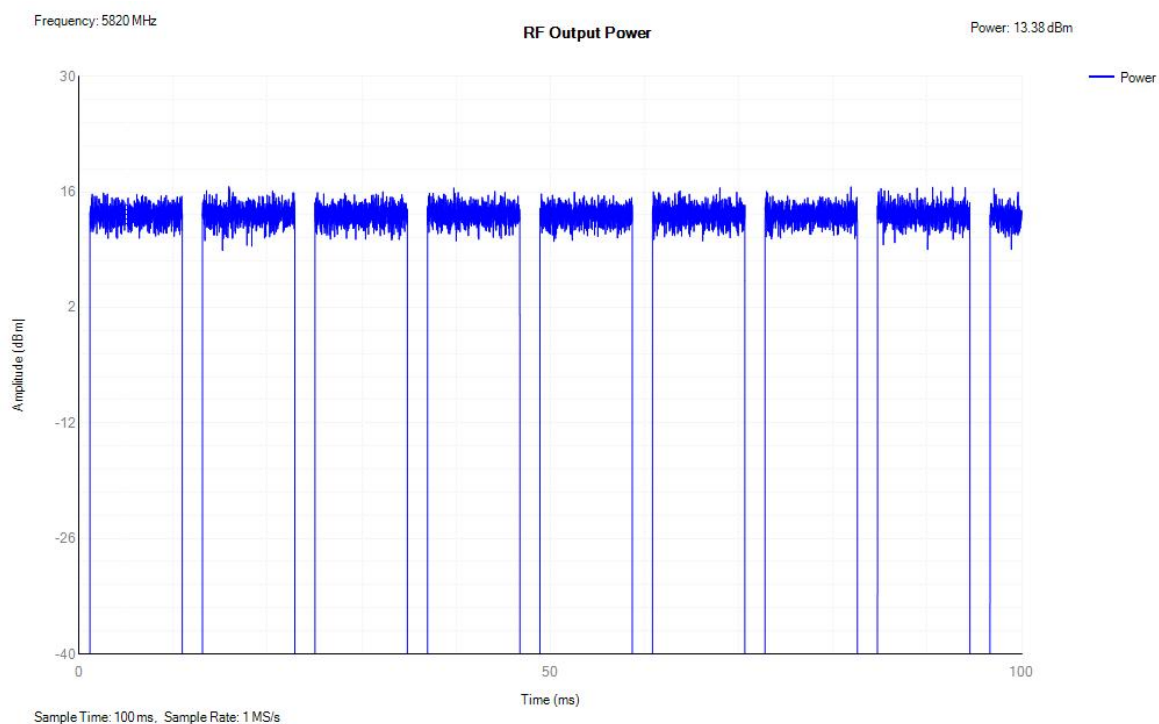
Power NVNT a 5750MHz Ant2



Power NVNT a 5780MHz Ant2



Power NVNT a 5820MHz Ant2

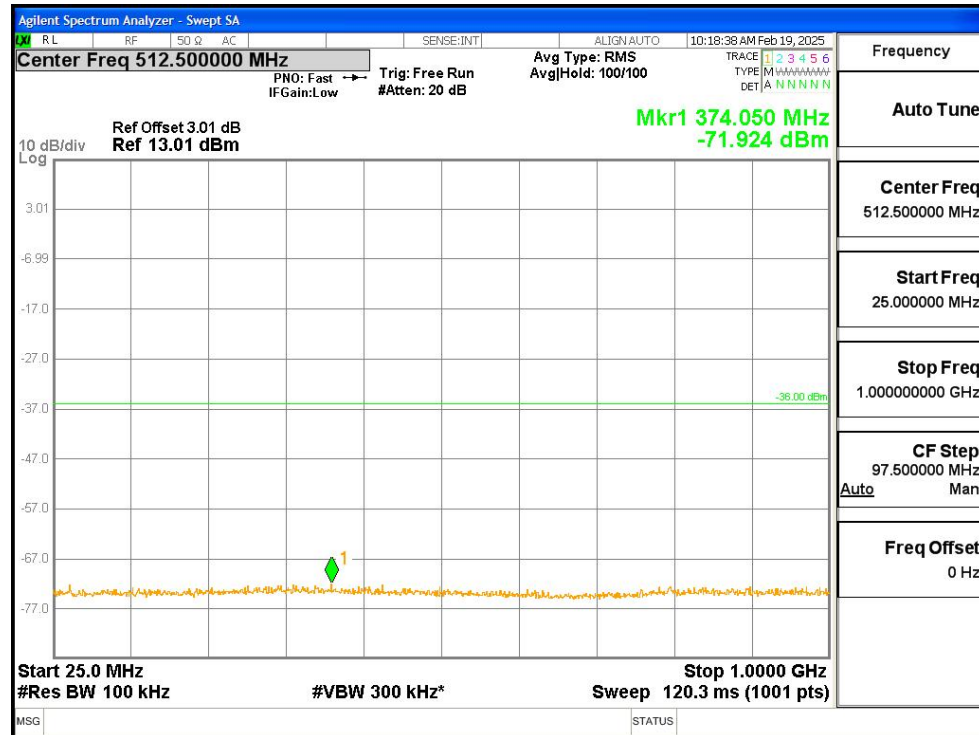


## Spurious Emission

| Condition | Mode | Frequency<br>(MHz) | Antenna | Range<br>(MHz) | Emission Frequency<br>(MHz) | Max Value<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|----------------|-----------------------------|--------------------|----------------|---------|
| NVNT      | a    | 5750               | Ant1    | 25-1000        | 374.05                      | -71.92             | -36            | Pass    |
|           |      |                    |         | 1000-40000     | 26550                       | -41.34             | -30            | Pass    |
|           |      |                    |         | 47-74          | 63.389                      | -75.61             | -54            | Pass    |
|           |      |                    |         | 87.5-108       | 100.128                     | -76.39             | -54            | Pass    |
|           |      |                    |         | 174-230        | 217.68                      | -77.11             | -54            | Pass    |
|           |      |                    |         | 470-862        | 823.976                     | -79.42             | -54            | Pass    |
|           |      | 5780               |         | 25-1000        | 269.725                     | -72.13             | -36            | Pass    |
|           |      |                    |         | 1000-40000     | 26550                       | -32.03             | -30            | Pass    |
|           |      |                    |         | 47-74          | 64.928                      | -76.05             | -54            | Pass    |
|           |      |                    |         | 87.5-108       | 106.237                     | -74.58             | -54            | Pass    |
|           |      |                    |         | 174-230        | 210.904                     | -76.83             | -54            | Pass    |
|           |      |                    |         | 470-862        | 830.64                      | -80.3              | -54            | Pass    |
|           |      | 5820               |         | 25-1000        | 322.375                     | -72.23             | -36            | Pass    |
|           |      |                    |         | 1000-40000     | 26550                       | -31.81             | -30            | Pass    |
|           |      |                    |         | 47-74          | 69.275                      | -75.83             | -54            | Pass    |
|           |      |                    |         | 87.5-108       | 90.842                      | -75.98             | -54            | Pass    |
|           |      |                    |         | 174-230        | 200.992                     | -76.14             | -54            | Pass    |
|           |      |                    |         | 470-862        | 820.84                      | -80.76             | -54            | Pass    |
|           |      | 5750               | Ant2    | 25-1000        | 339.925                     | -71.96             | -36            | Pass    |
|           |      |                    |         | 1000-40000     | 26550                       | -40.85             | -30            | Pass    |
|           |      |                    |         | 47-74          | 60.932                      | -76.25             | -54            | Pass    |
|           |      |                    |         | 87.5-108       | 100.559                     | -76.06             | -54            | Pass    |
|           |      |                    |         | 174-230        | 189.736                     | -76.2              | -54            | Pass    |
|           |      |                    |         | 470-862        | 800.848                     | -80.16             | -54            | Pass    |
|           |      | 5780               |         | 25-1000        | 362.35                      | -71.65             | -36            | Pass    |
|           |      |                    |         | 1000-40000     | 26550                       | -31.74             | -30            | Pass    |
|           |      |                    |         | 47-74          | 73.001                      | -76.18             | -54            | Pass    |
|           |      |                    |         | 87.5-108       | 91.723                      | -75.72             | -54            | Pass    |
|           |      |                    |         | 174-230        | 177.472                     | -77.19             | -54            | Pass    |
|           |      |                    |         | 470-862        | 860.04                      | -80.48             | -54            | Pass    |
|           |      | 5820               |         | 25-1000        | 715.3                       | -58.84             | -36            | Pass    |
|           |      |                    |         | 1000-40000     | 26550                       | -31.86             | -30            | Pass    |
|           |      |                    |         | 47-74          | 70.193                      | -75.71             | -54            | Pass    |
|           |      |                    |         | 87.5-108       | 95.29                       | -75.59             | -54            | Pass    |
|           |      |                    |         | 174-230        | 213.536                     | -77.34             | -54            | Pass    |
|           |      |                    |         | 470-862        | 715.784                     | -61.87             | -54            | Pass    |

### Test Graphs

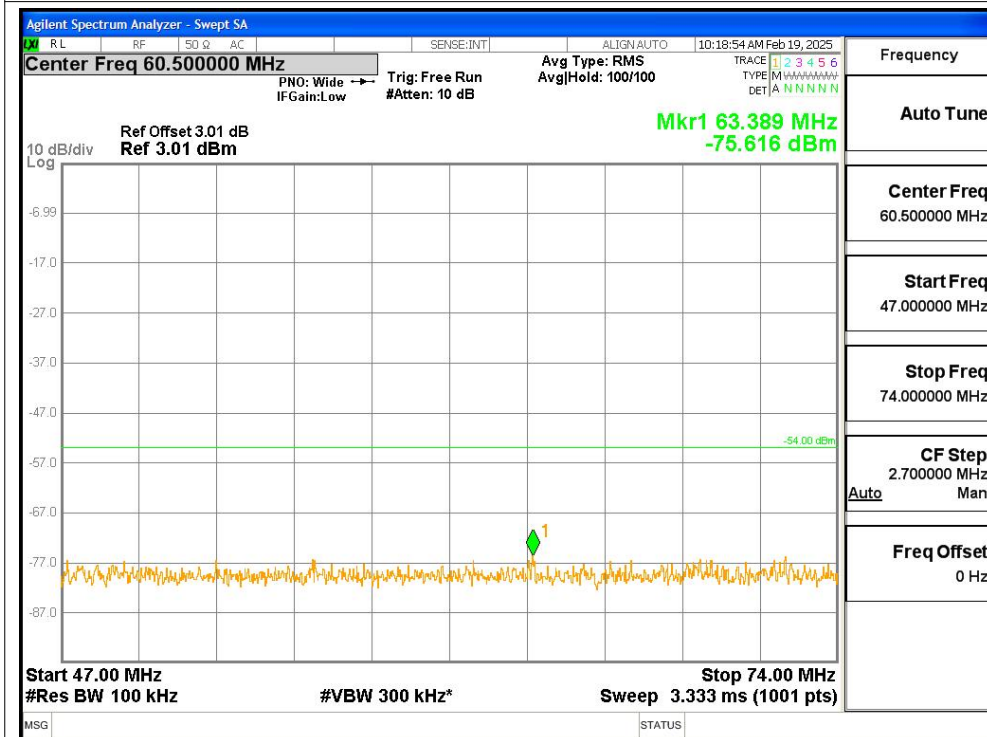
Tx. Spurious NVNT a 5750MHz Ant1 @ 25MHz-1000MHz



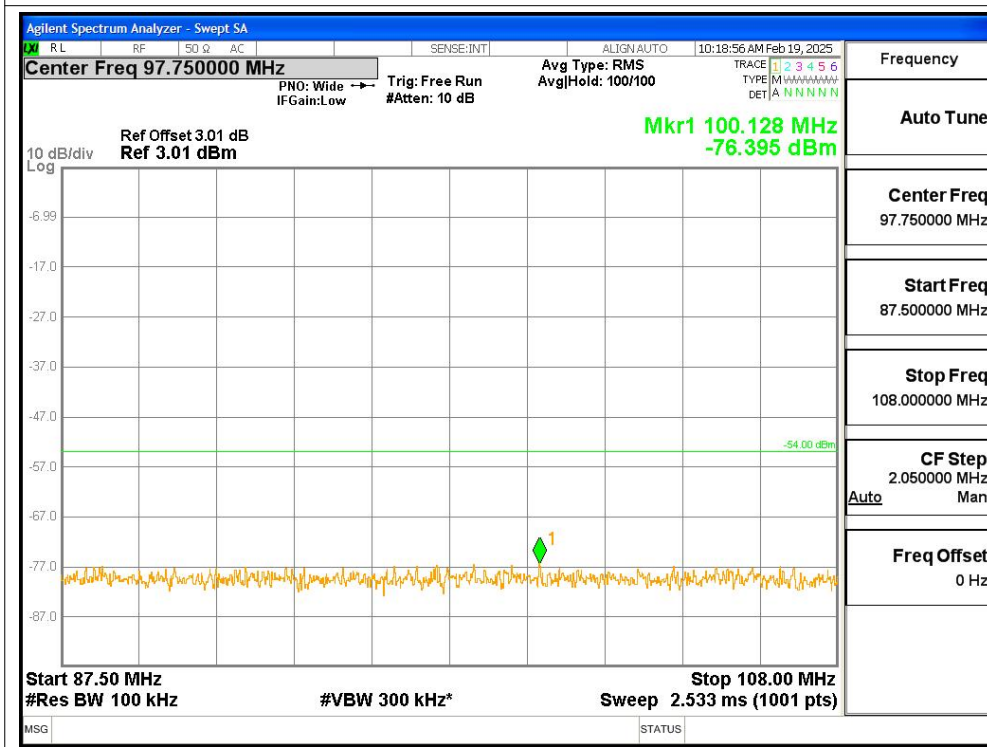
Tx. Spurious NVNT a 5750MHz Ant1 @ 1000MHz-40000MHz



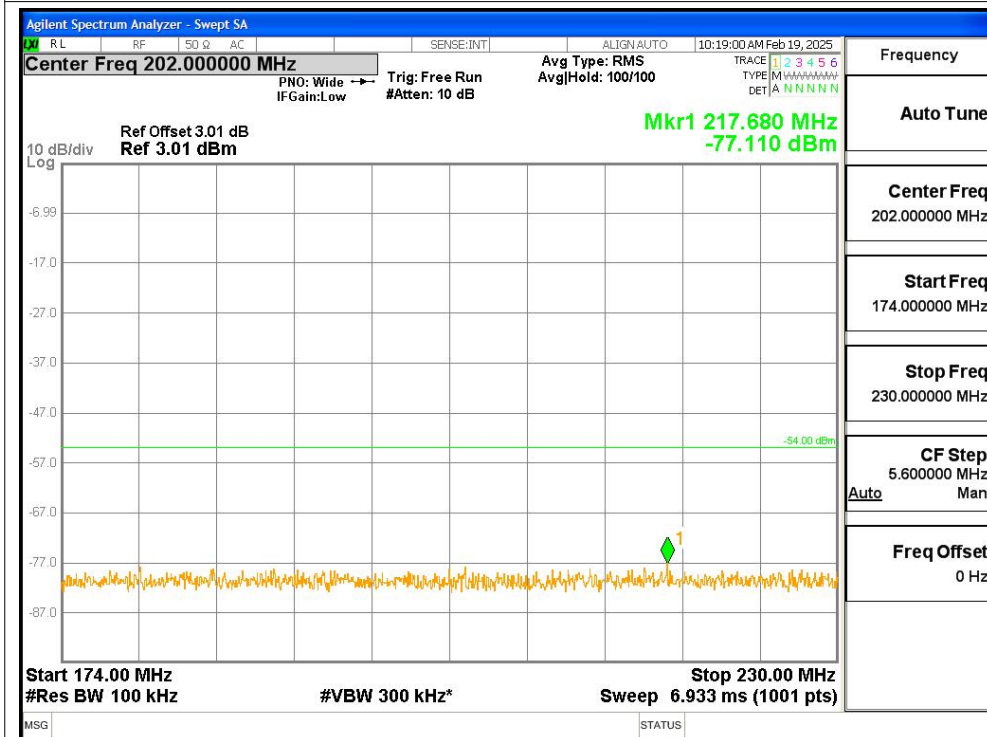
Tx. Spurious NVNT a 5750MHz Ant1 @ 47MHz-74MHz



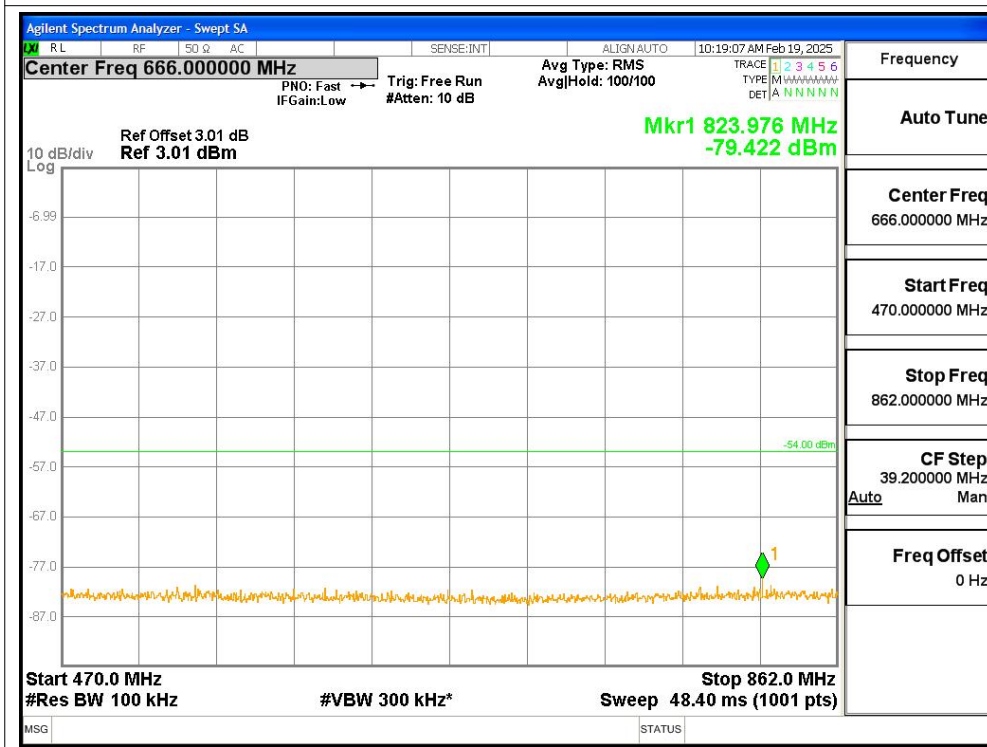
Tx. Spurious NVNT a 5750MHz Ant1 @ 87.5MHz-108MHz



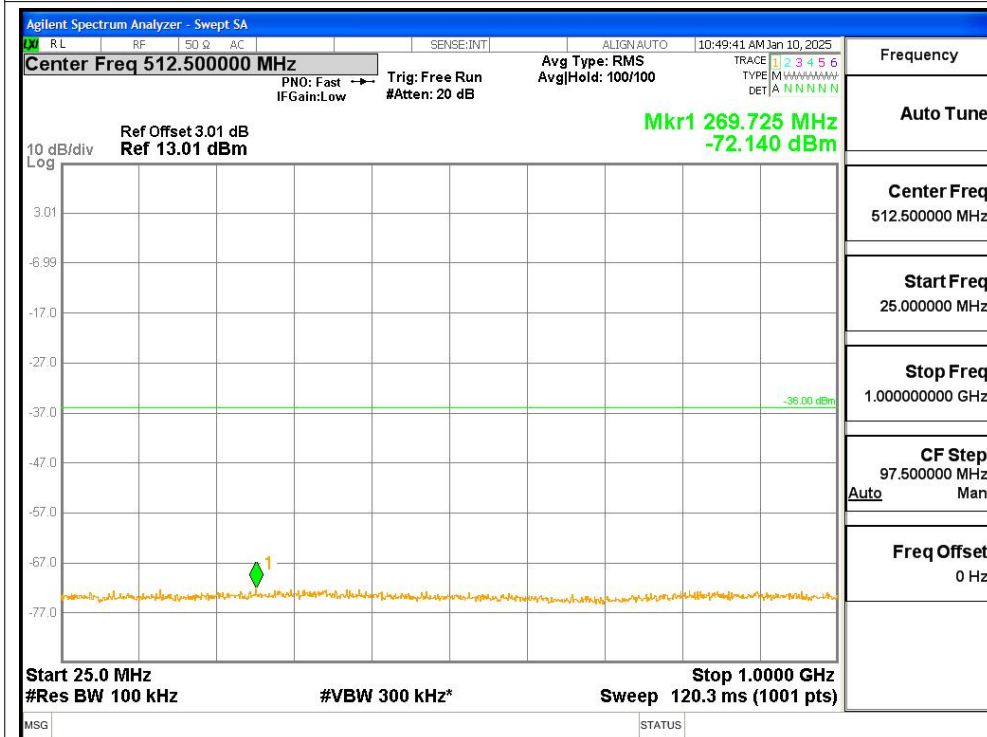
Tx. Spurious NVNT a 5750MHz Ant1 @ 174MHz-230MHz



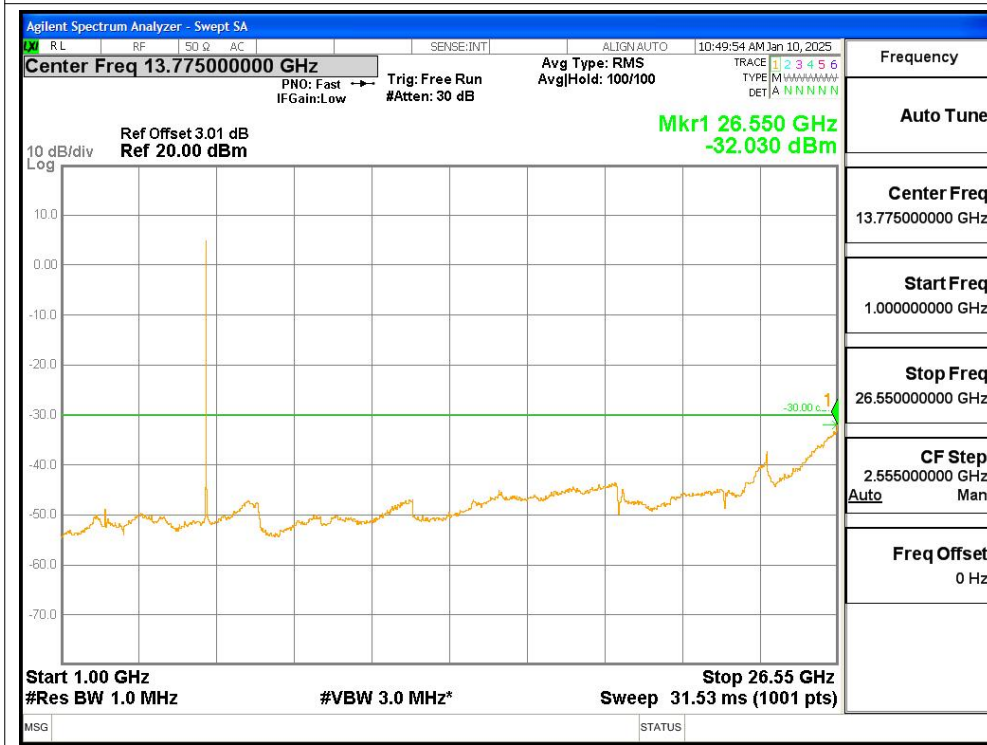
Tx. Spurious NVNT a 5750MHz Ant1 @ 470MHz-862MHz



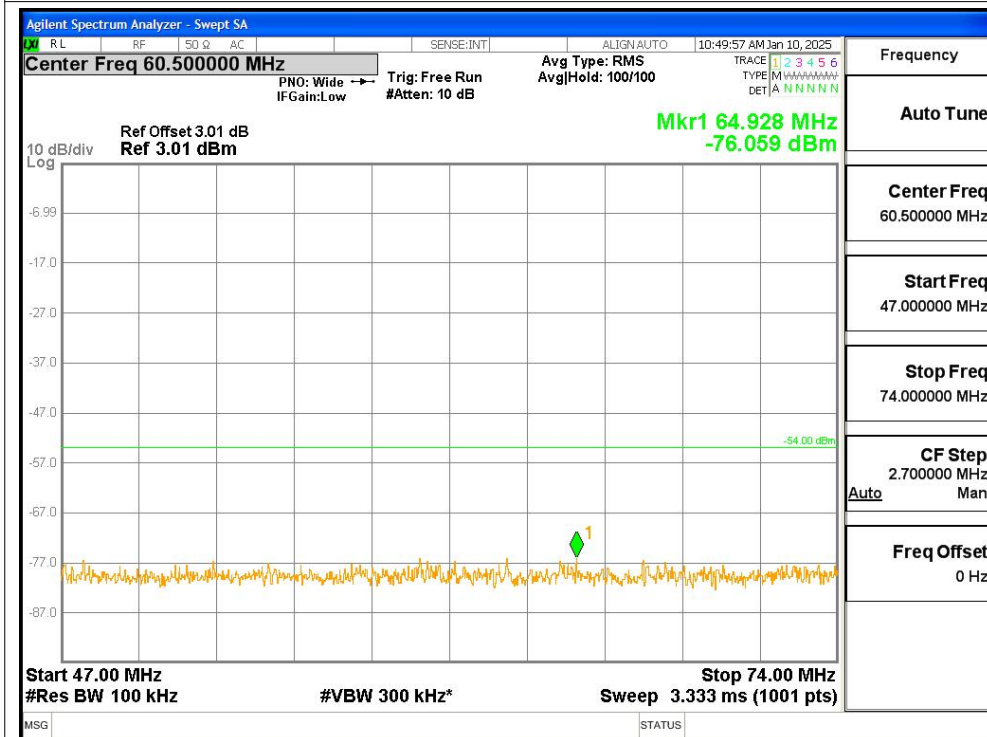
Tx. Spurious NVNT a 5780MHz Ant1 @ 25MHz-1000MHz



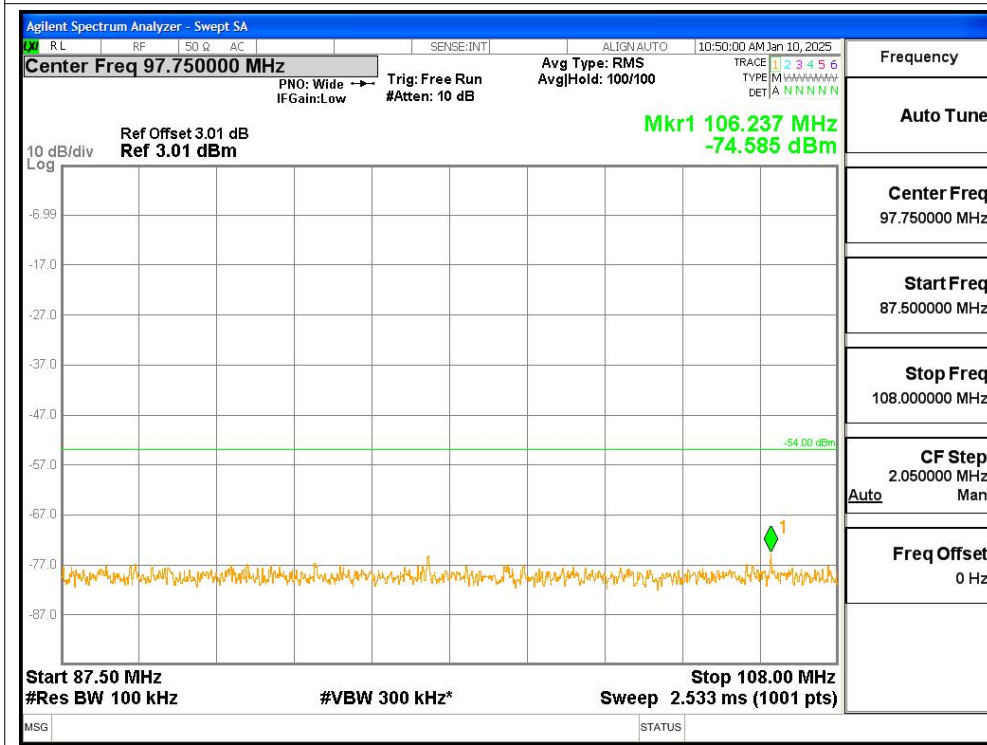
Tx. Spurious NVNT a 5780MHz Ant1 @ 1000MHz-40000MHz



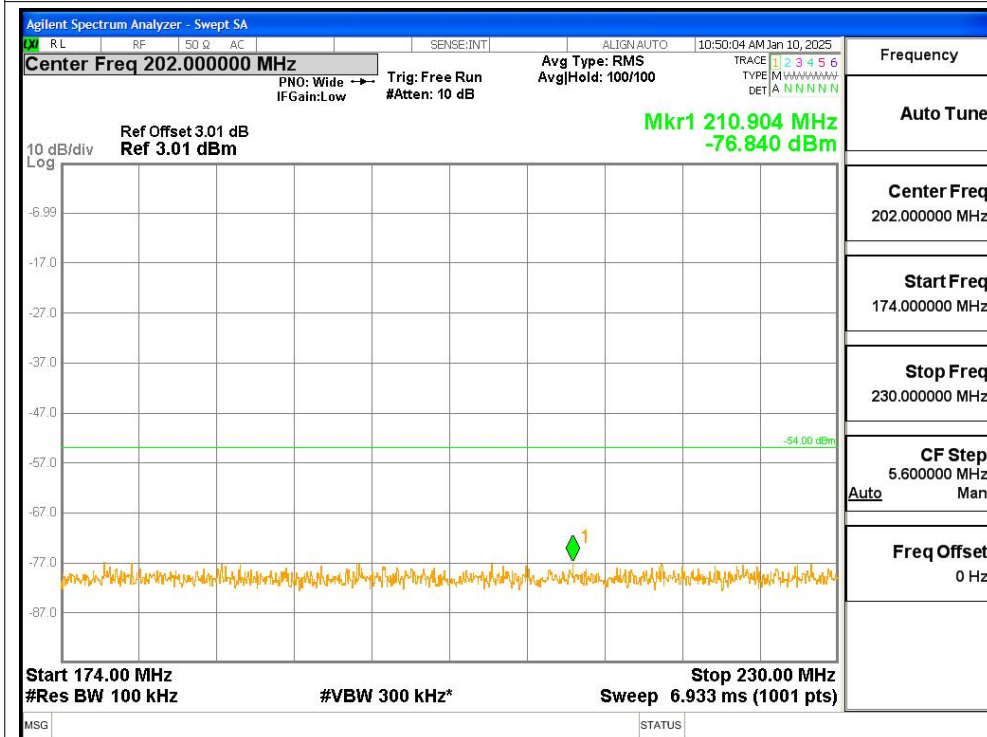
Tx. Spurious NVNT a 5780MHz Ant1 @ 47MHz-74MHz



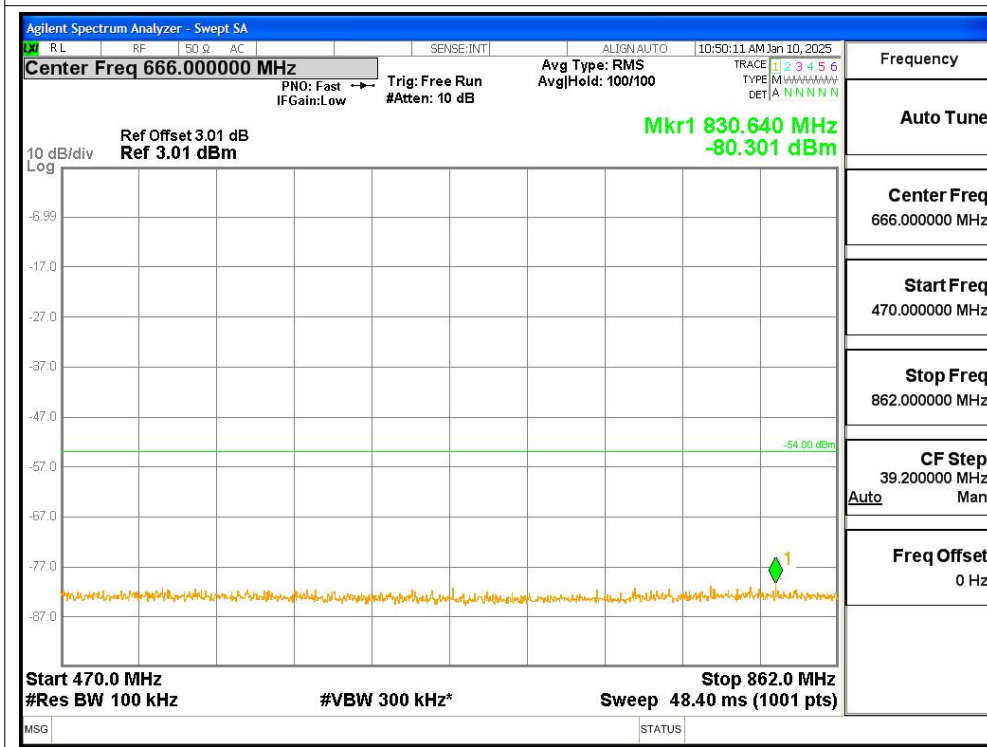
Tx. Spurious NVNT a 5780MHz Ant1 @ 87.5MHz-108MHz



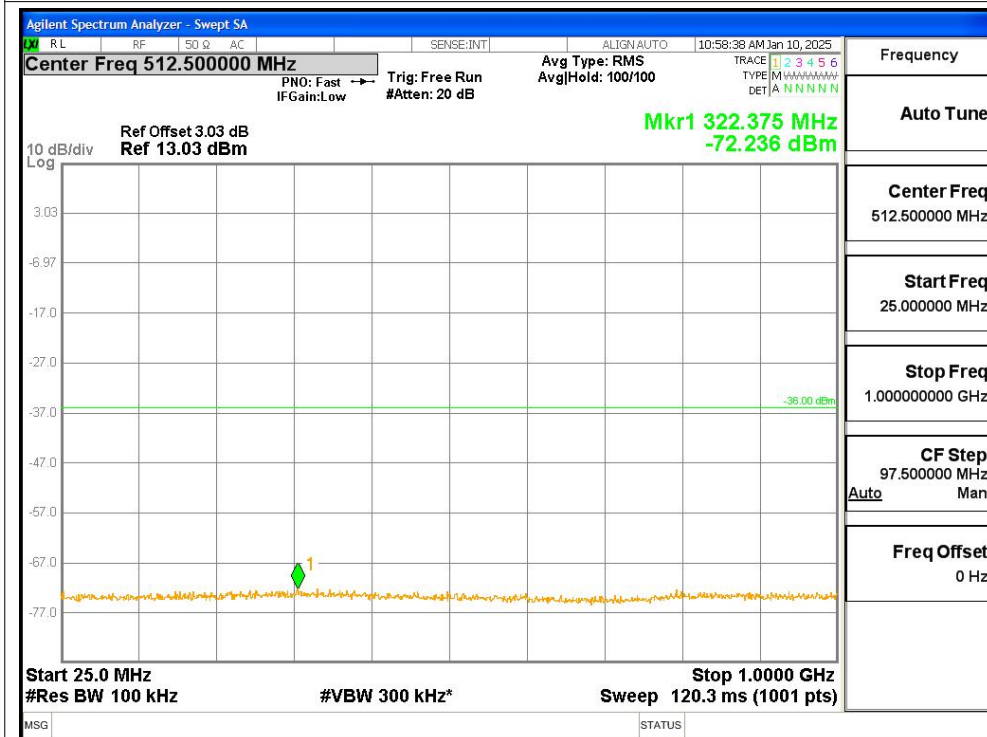
Tx. Spurious NVNT a 5780MHz Ant1 @ 174MHz-230MHz



Tx. Spurious NVNT a 5780MHz Ant1 @ 470MHz-862MHz



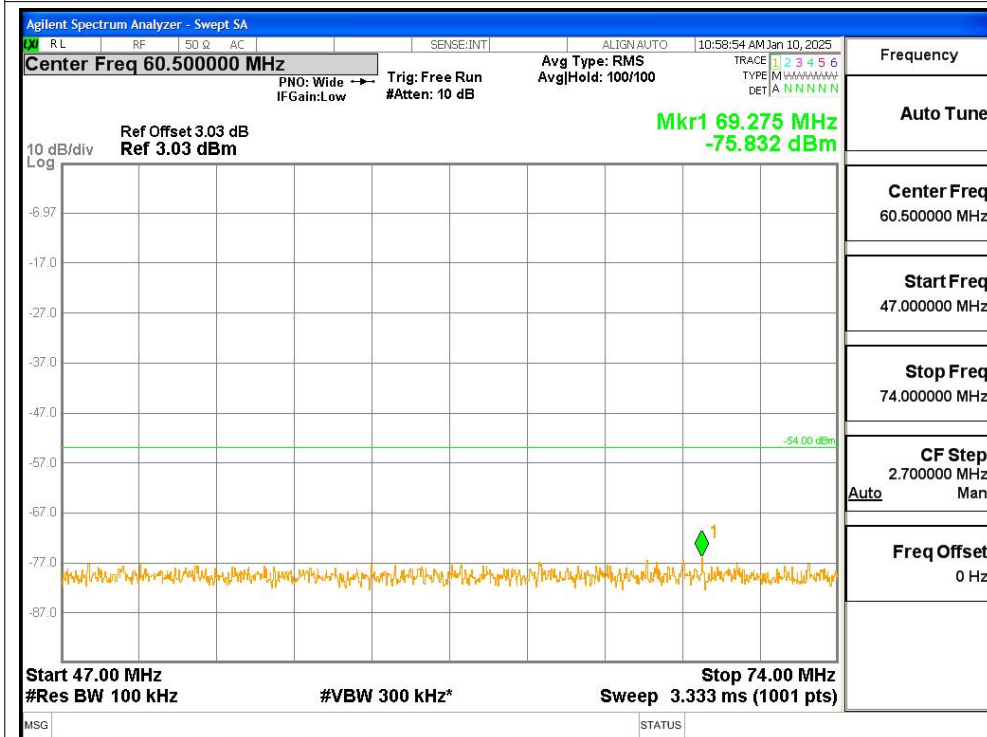
Tx. Spurious NVNT a 5820MHz Ant1 @ 25MHz-1000MHz



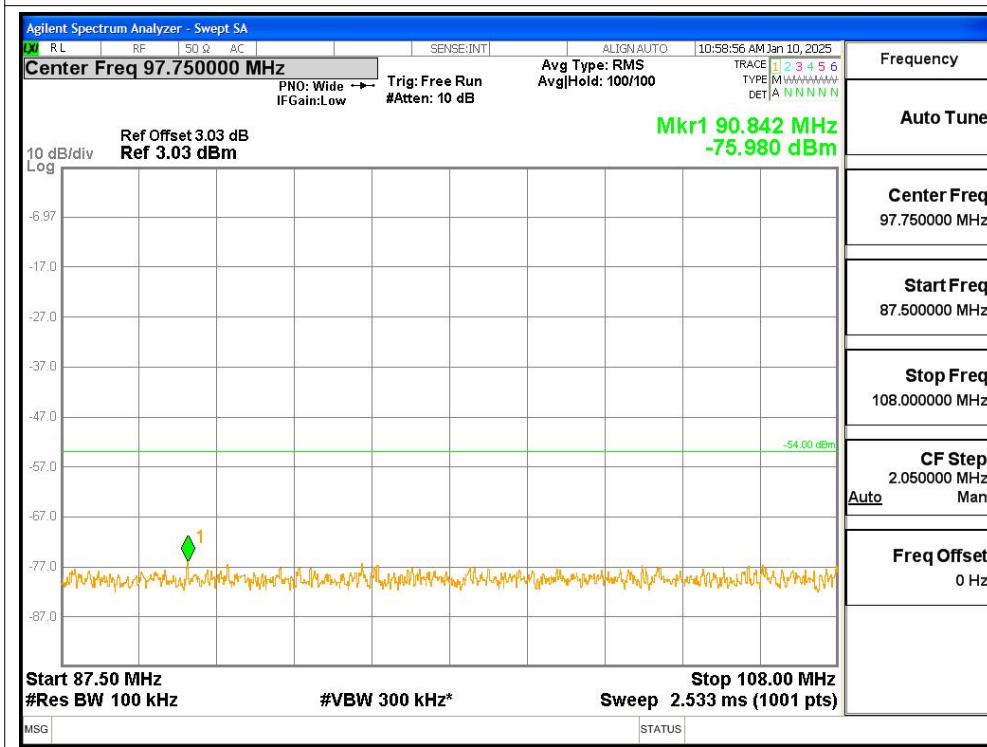
Tx. Spurious NVNT a 5820MHz Ant1 @ 1000MHz-40000MHz



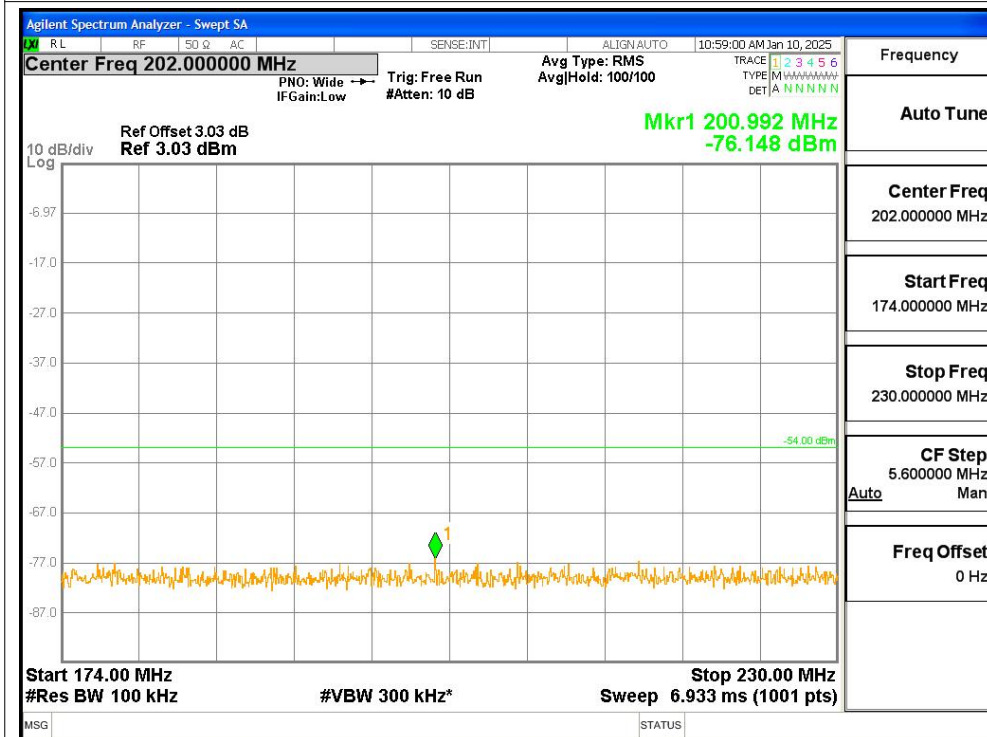
Tx. Spurious NVNT a 5820MHz Ant1 @ 47MHz-74MHz



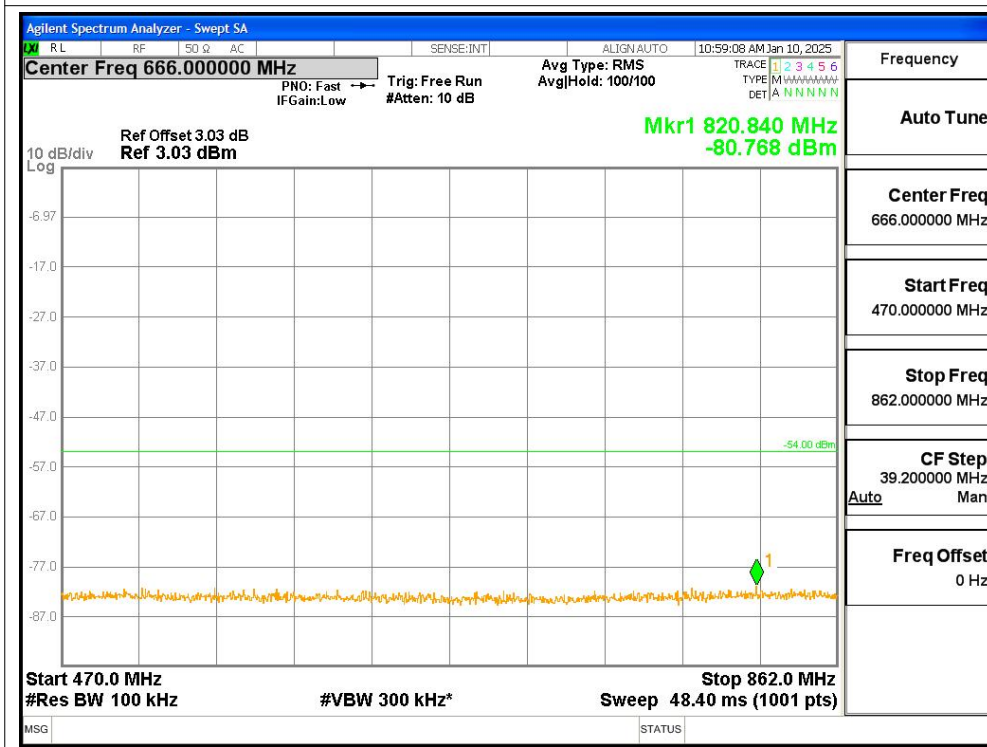
Tx. Spurious NVNT a 5820MHz Ant1 @ 87.5MHz-108MHz



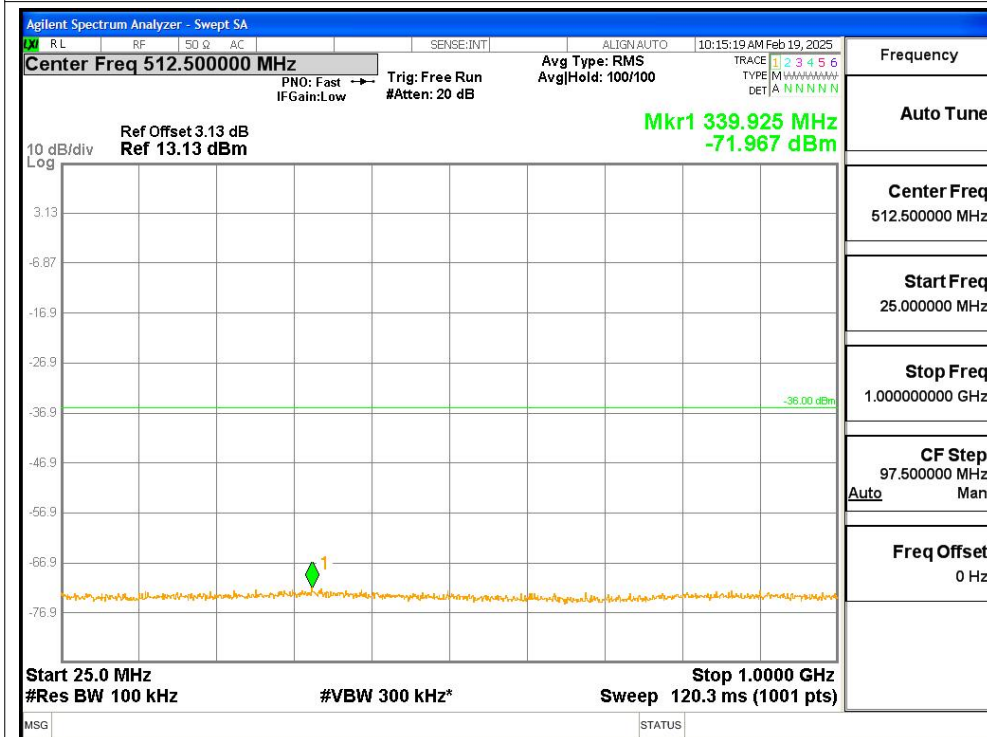
Tx. Spurious NVNT a 5820MHz Ant1 @ 174MHz-230MHz



Tx. Spurious NVNT a 5820MHz Ant1 @ 470MHz-862MHz



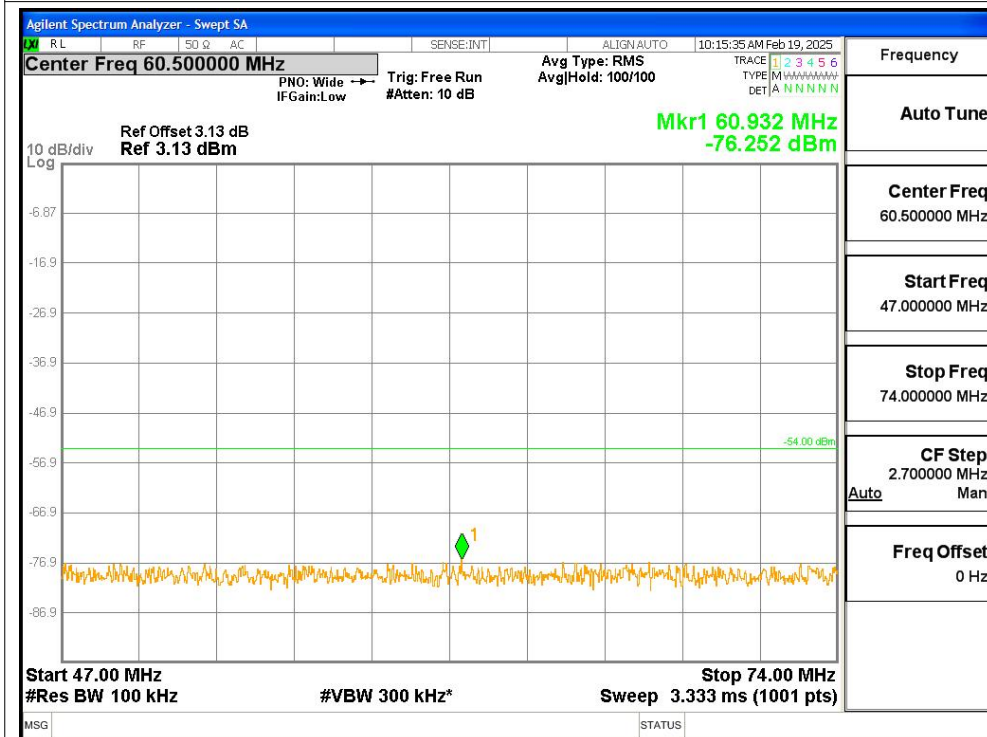
Tx. Spurious NVNT a 5750MHz Ant2 @ 25MHz-1000MHz



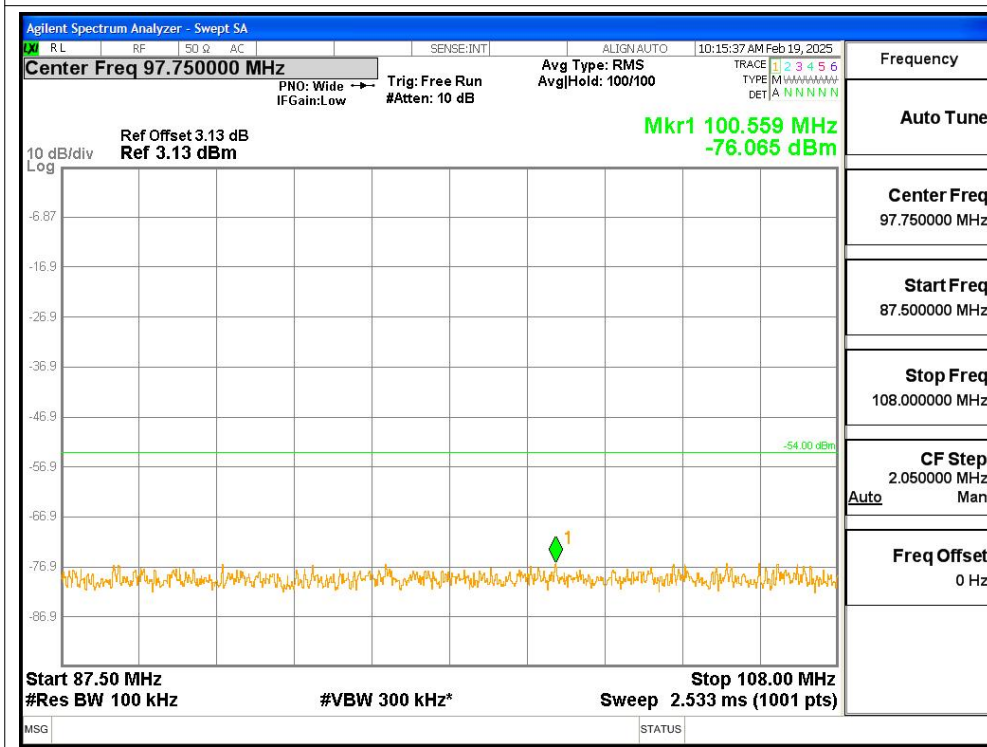
Tx. Spurious NVNT a 5750MHz Ant2 @ 1000MHz-40000MHz



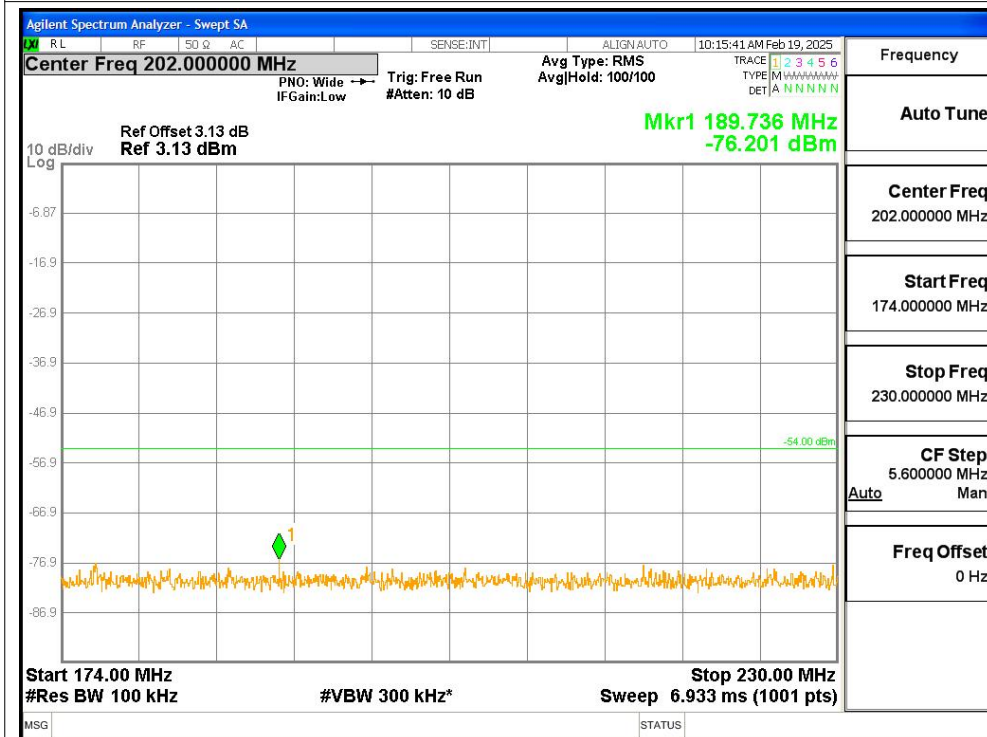
Tx. Spurious NVNT a 5750MHz Ant2 @ 47MHz-74MHz



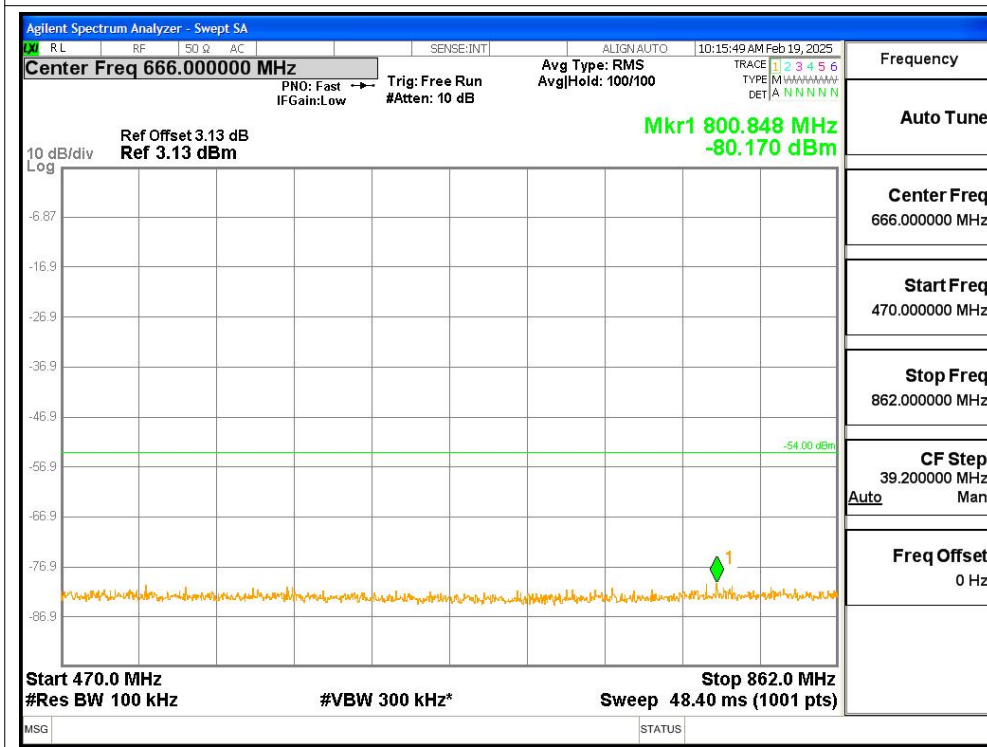
Tx. Spurious NVNT a 5750MHz Ant2 @ 87.5MHz-108MHz



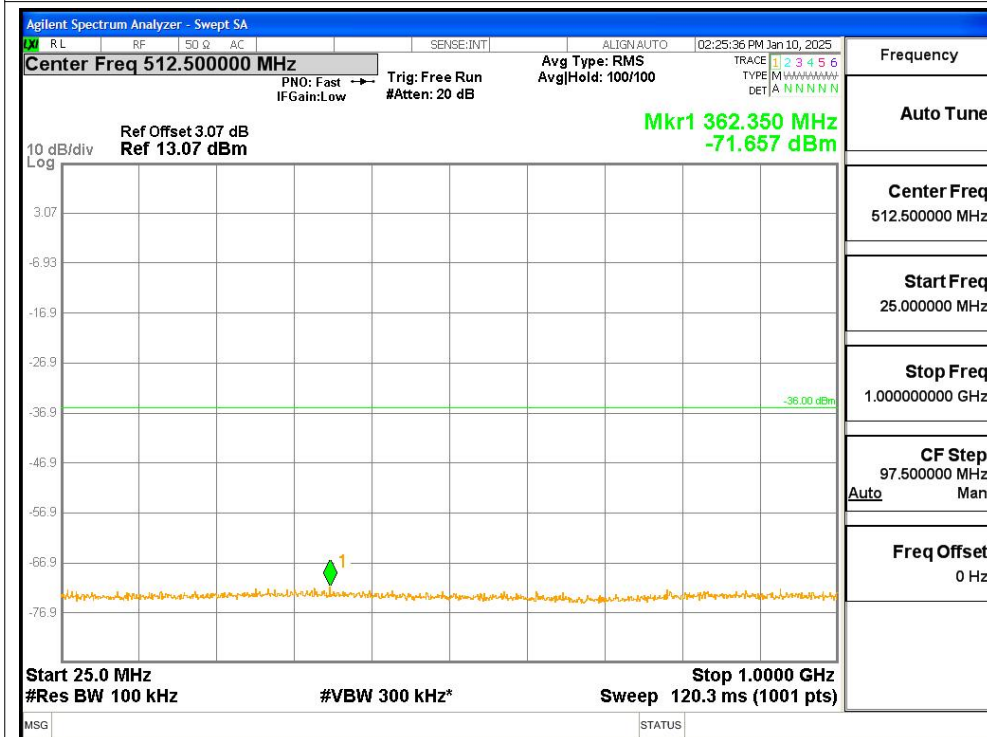
Tx. Spurious NVNT a 5750MHz Ant2 @ 174MHz-230MHz



Tx. Spurious NVNT a 5750MHz Ant2 @ 470MHz-862MHz



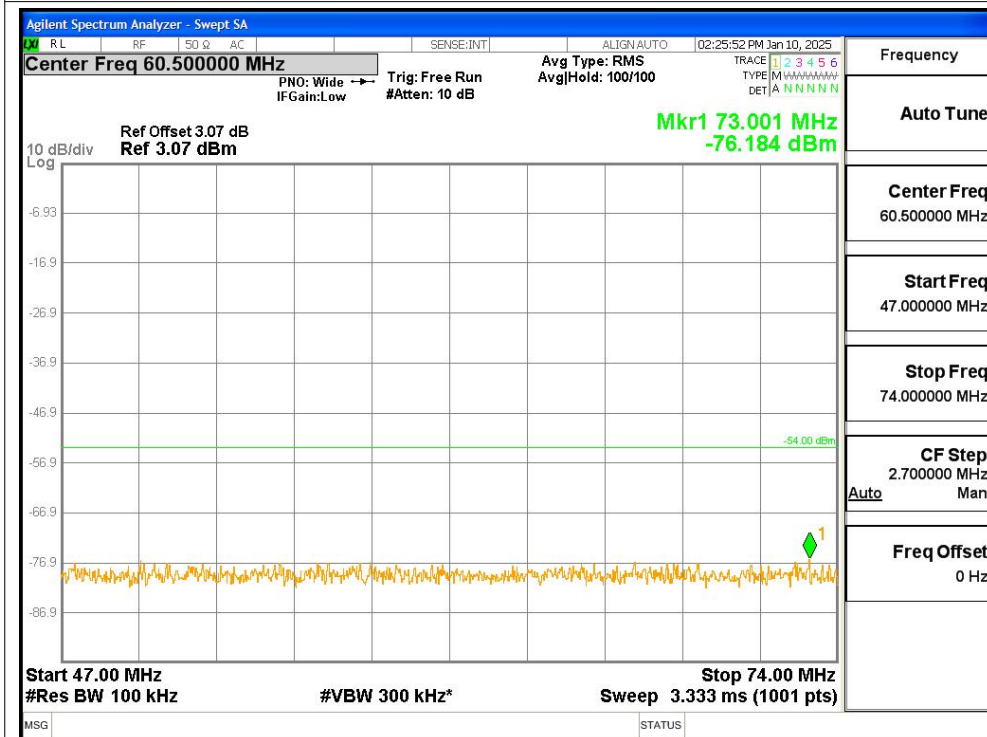
Tx. Spurious NVNT a 5780MHz Ant2 @ 25MHz-1000MHz



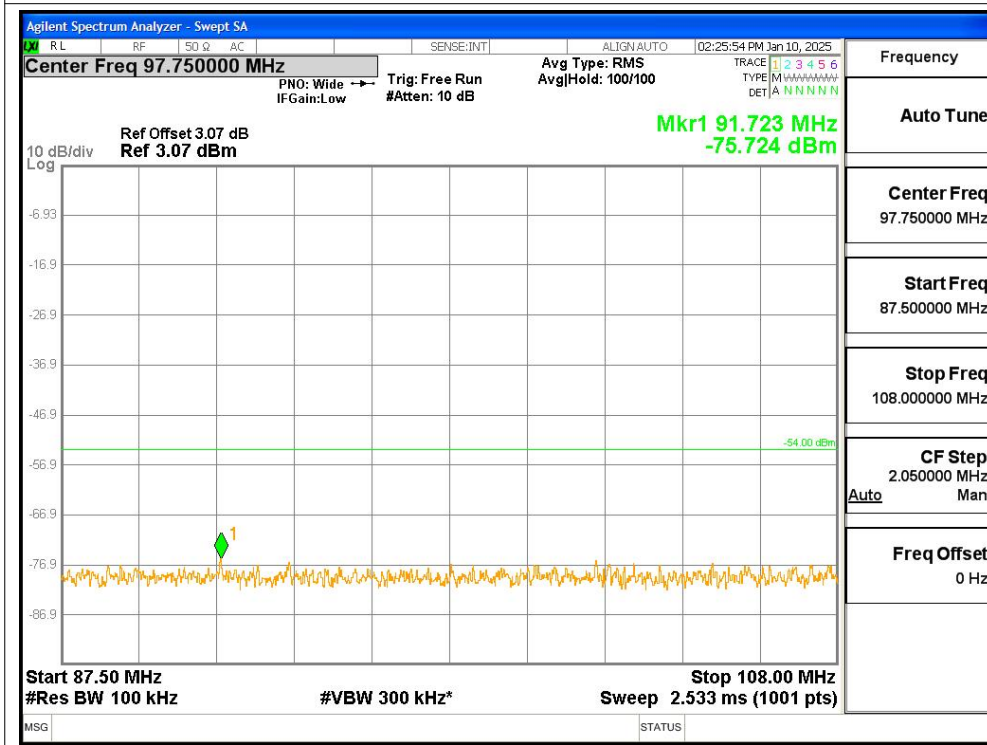
Tx. Spurious NVNT a 5780MHz Ant2 @ 1000MHz-40000MHz



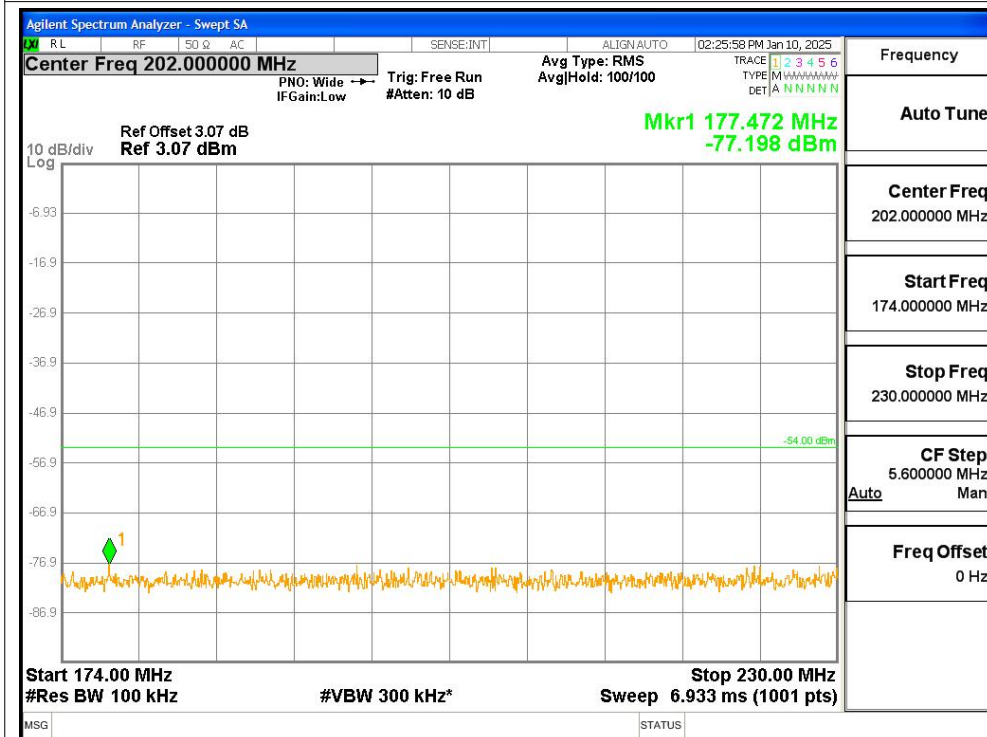
Tx. Spurious NVNT a 5780MHz Ant2 @ 47MHz-74MHz



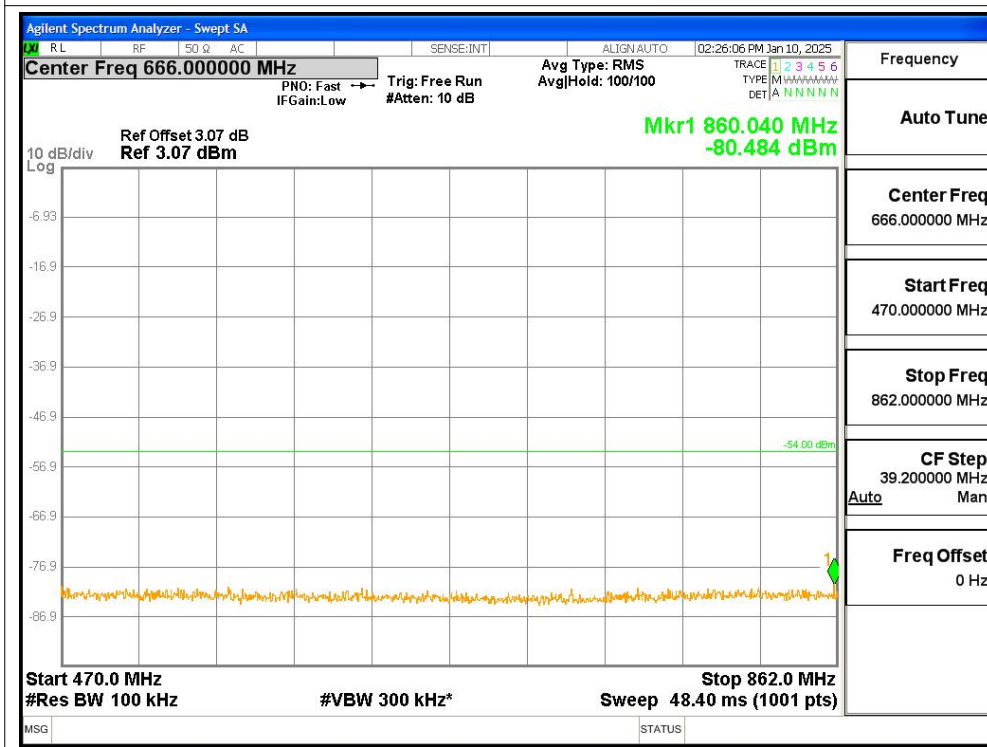
Tx. Spurious NVNT a 5780MHz Ant2 @ 87.5MHz-108MHz



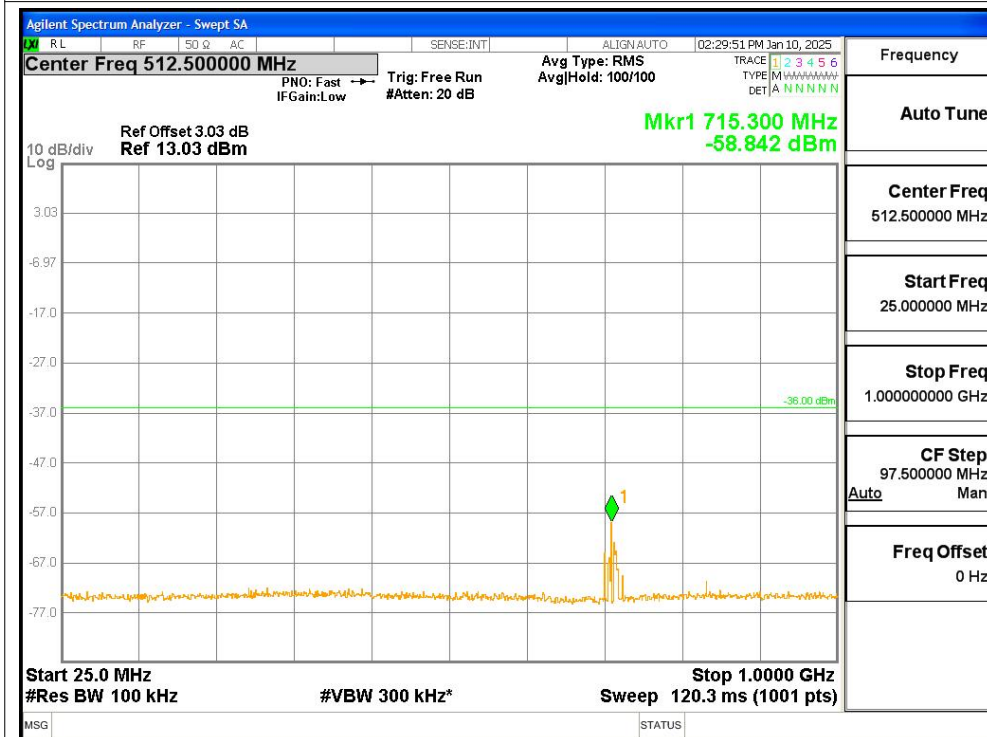
Tx. Spurious NVNT a 5780MHz Ant2 @ 174MHz-230MHz



Tx. Spurious NVNT a 5780MHz Ant2 @ 470MHz-862MHz



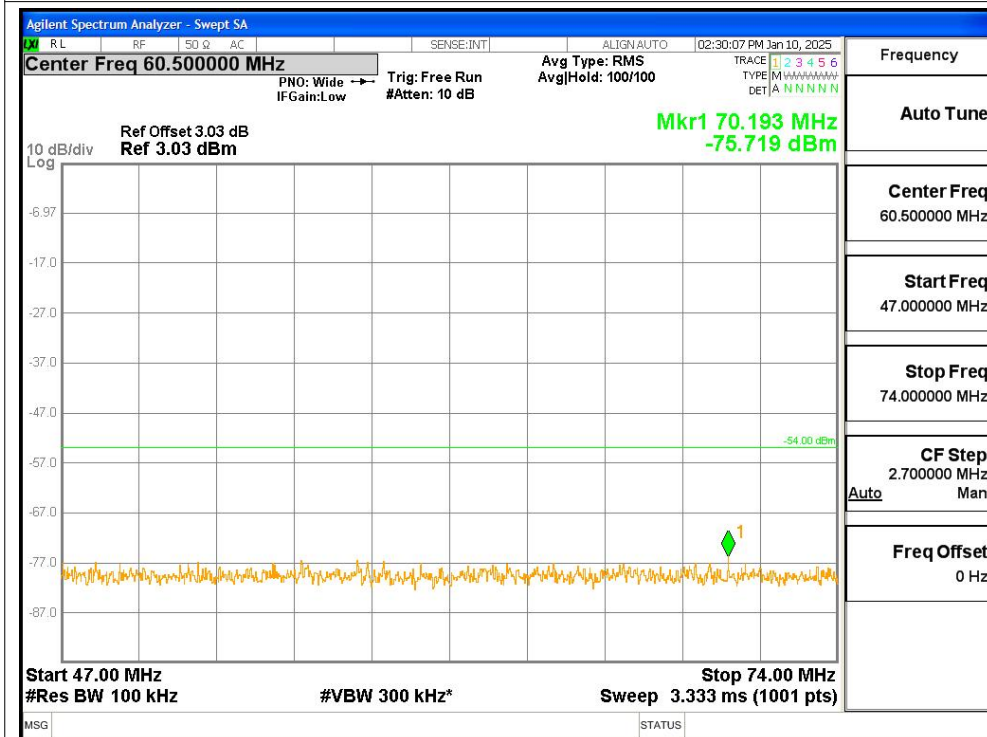
Tx. Spurious NVNT a 5820MHz Ant2 @ 25MHz-1000MHz



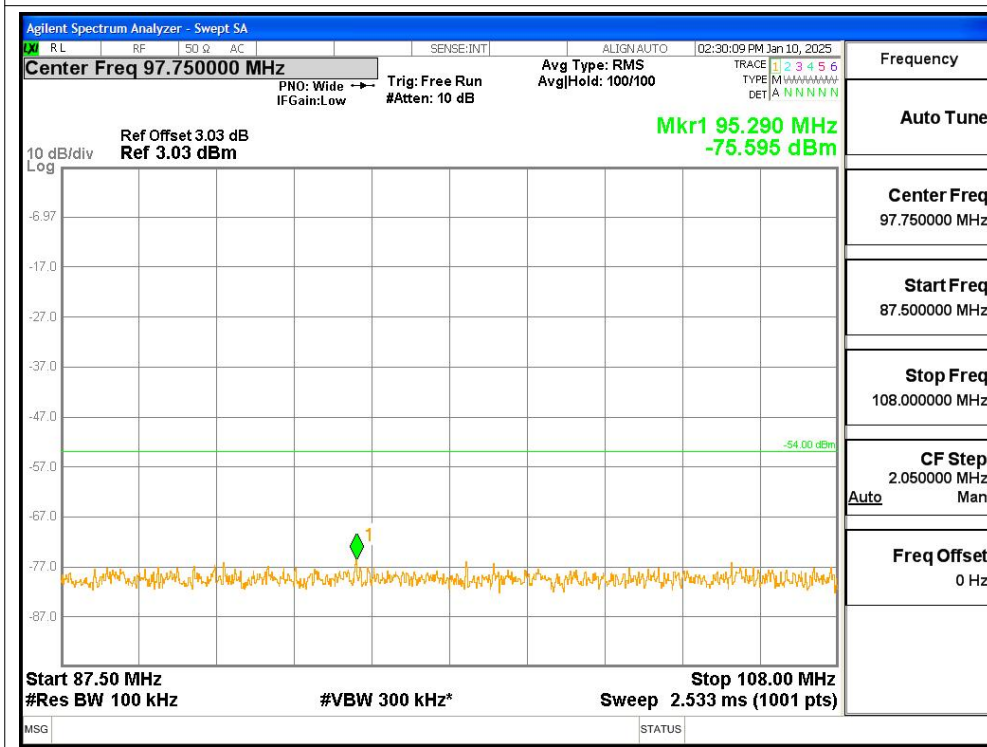
Tx. Spurious NVNT a 5820MHz Ant2 @ 1000MHz-40000MHz



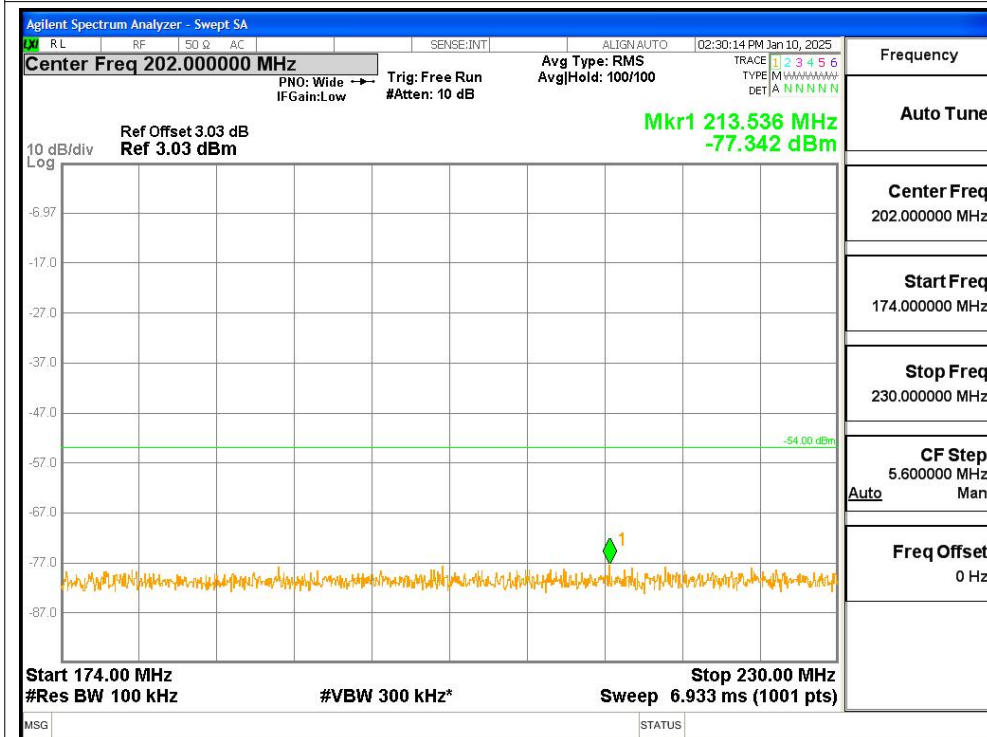
Tx. Spurious NVNT a 5820MHz Ant2 @ 47MHz-74MHz



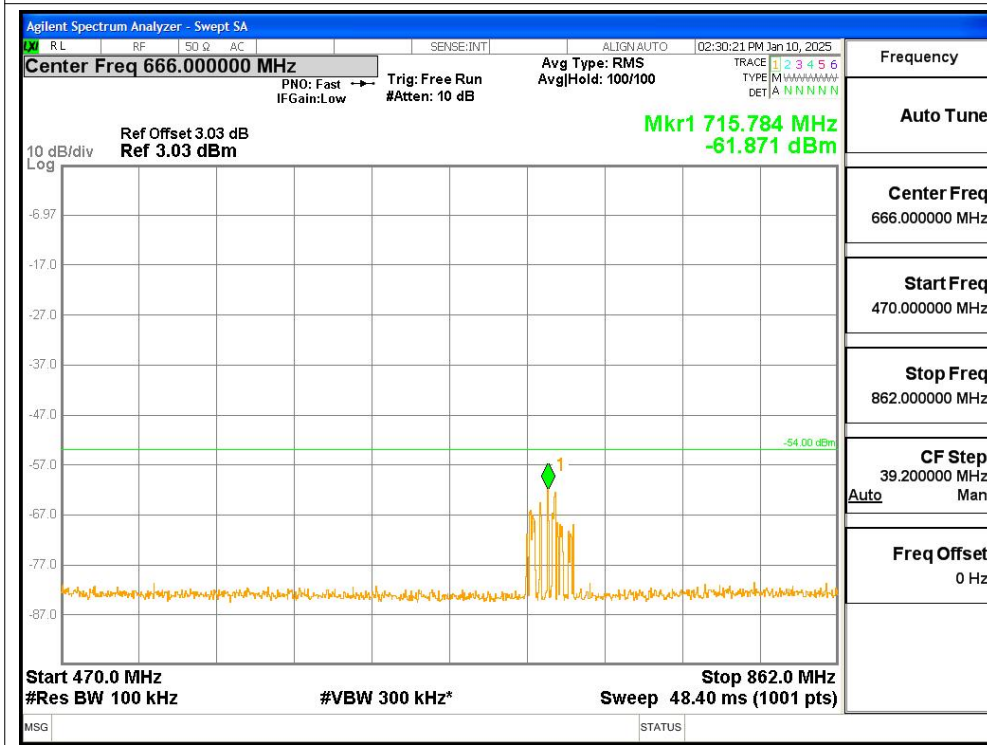
Tx. Spurious NVNT a 5820MHz Ant2 @ 87.5MHz-108MHz



Tx. Spurious NVNT a 5820MHz Ant2 @ 174MHz-230MHz



Tx. Spurious NVNT a 5820MHz Ant2 @ 470MHz-862MHz



### Adjacent channel selectivity

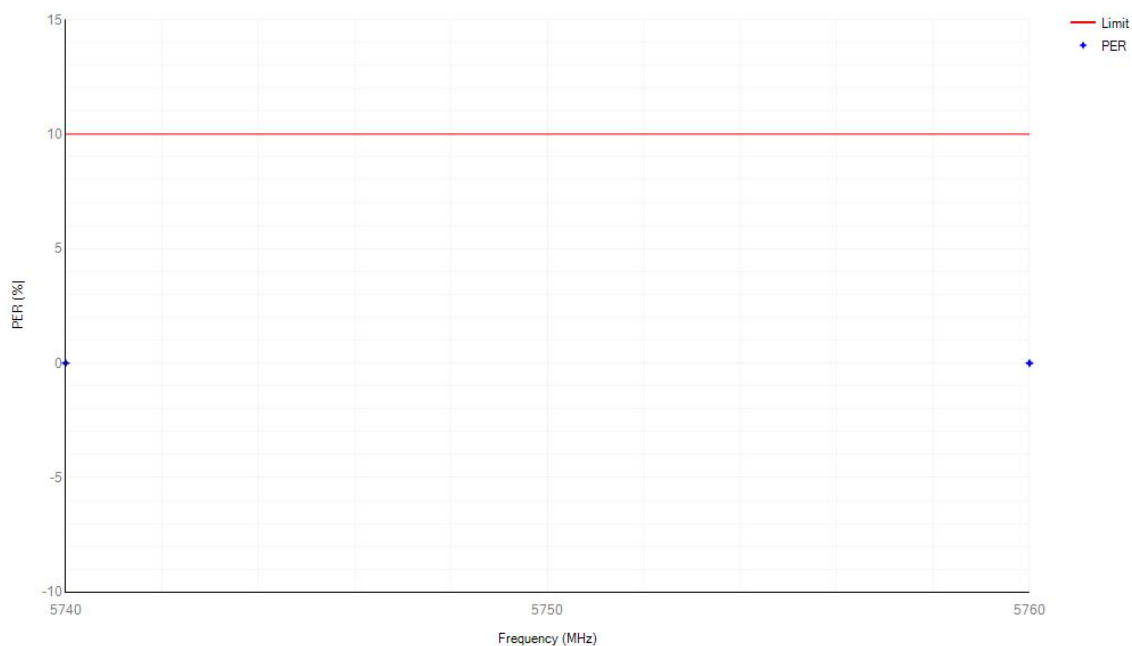
| Condition | Mode | Frequency<br>(MHz) | Antenna | Pmin<br>(dBm) | Wanted<br>Power<br>(dBm) | Blocking<br>Frequency<br>(MHz) | Blocking<br>Power<br>(dBm) | Limit<br>(dBm) | PER<br>(%) | Verdict |
|-----------|------|--------------------|---------|---------------|--------------------------|--------------------------------|----------------------------|----------------|------------|---------|
| NVNT      | a    | 5750               | Ant1    | -60           | Pmin+3                   | 5740                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5760                           | -50                        | -55.19         | 0          | Pass    |
|           |      | 5780               |         | -60           | Pmin+3                   | 5760                           | -50                        | -55.34         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5800                           | -50                        | -55.34         | 0          | Pass    |
|           |      | 5820               |         | -60           | Pmin+3                   | 5800                           | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5840                           | -50                        | -55.4          | 0          | Pass    |
|           |      | 5750               | Ant2    | -60           | Pmin+3                   | 5740                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5760                           | -50                        | -55.19         | 0          | Pass    |
|           |      | 5780               |         | -60           | Pmin+3                   | 5760                           | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5800                           | -50                        | -55.35         | 0          | Pass    |
|           |      | 5820               |         | -60           | Pmin+3                   | 5800                           | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5840                           | -50                        | -55.4          | 0          | Pass    |

### Test Graphs

#### Rx. ACS NVNT a 5750MHz Ant1

Frequency: 5750 MHz

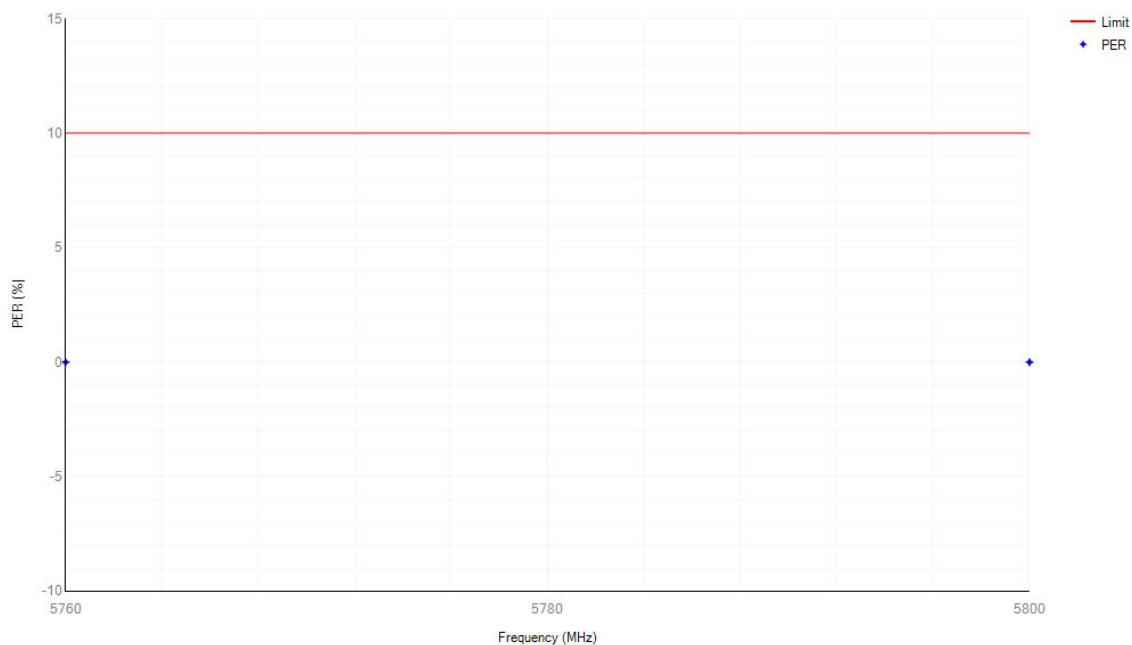
##### Adjacent channel selectivity



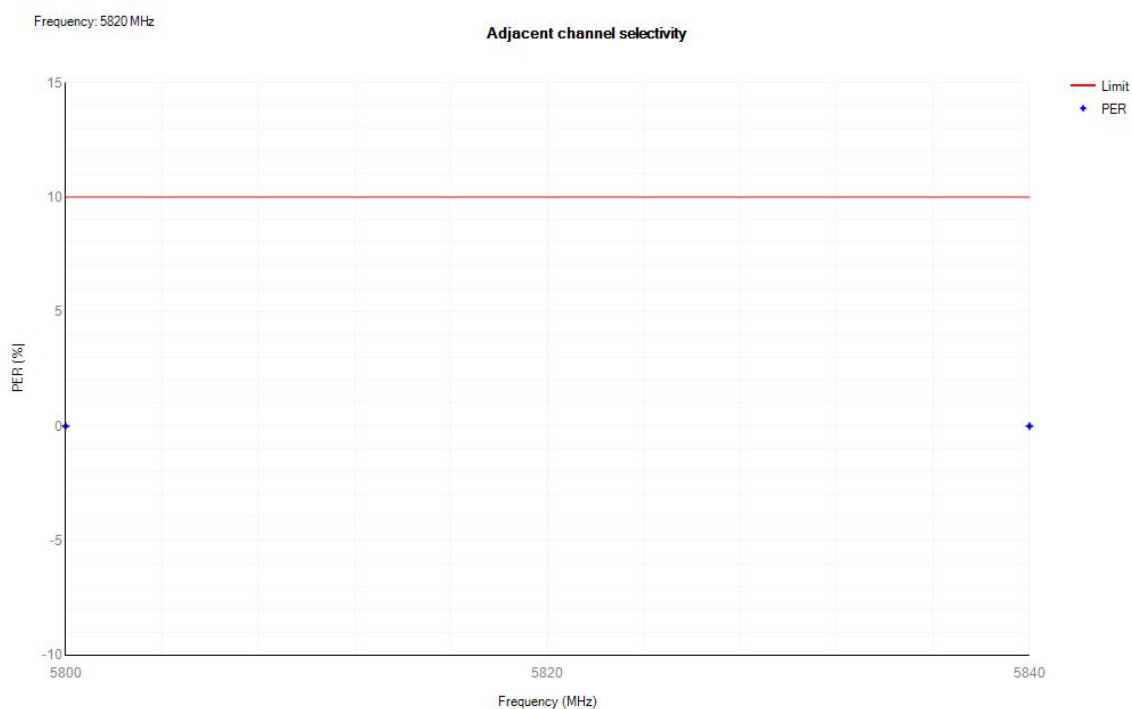
#### Rx. ACS NVNT a 5780MHz Ant1

Frequency: 5780 MHz

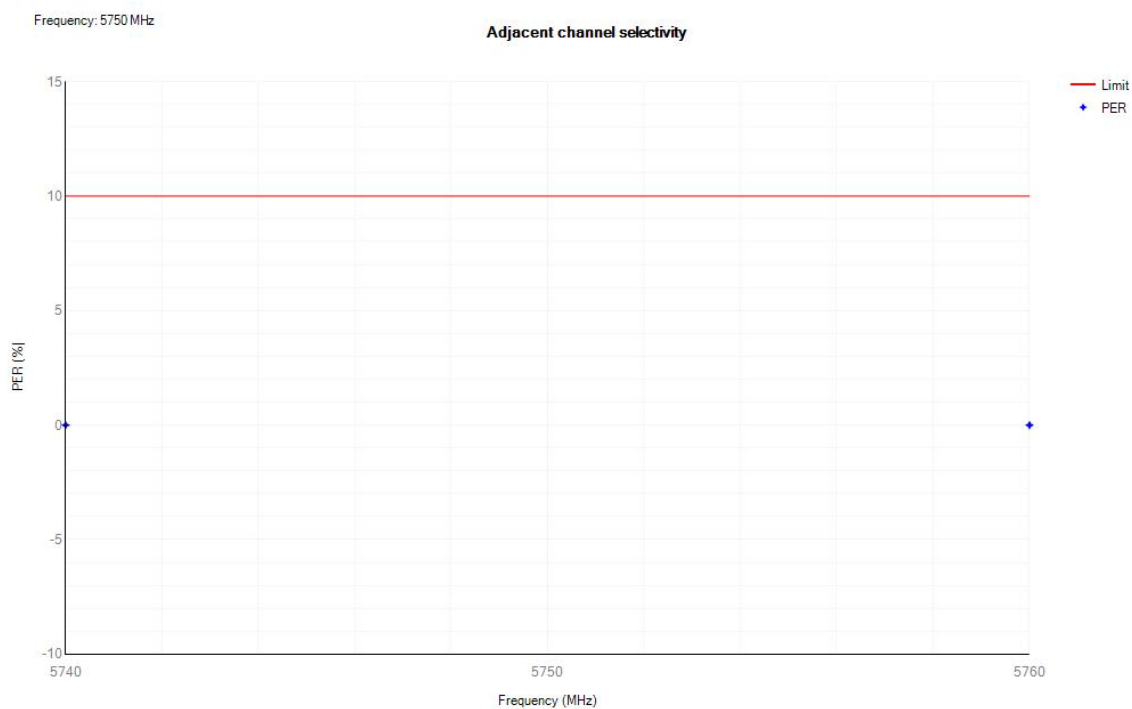
##### Adjacent channel selectivity



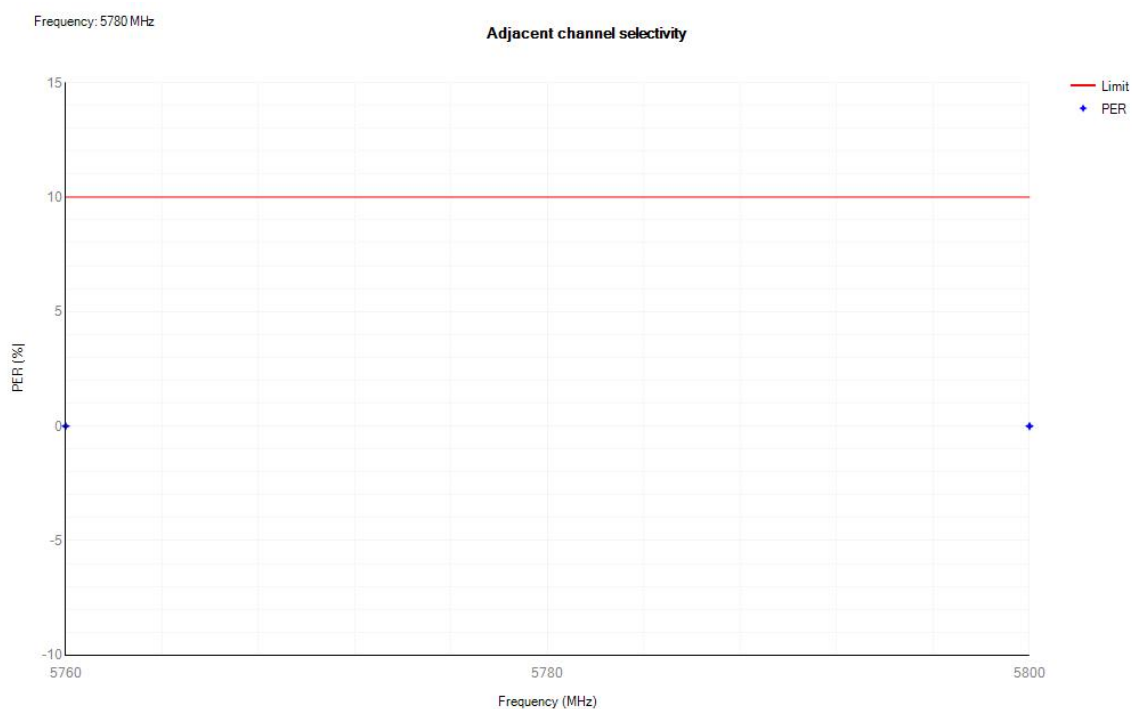
Rx. ACS NVNT a 5820MHz Ant1



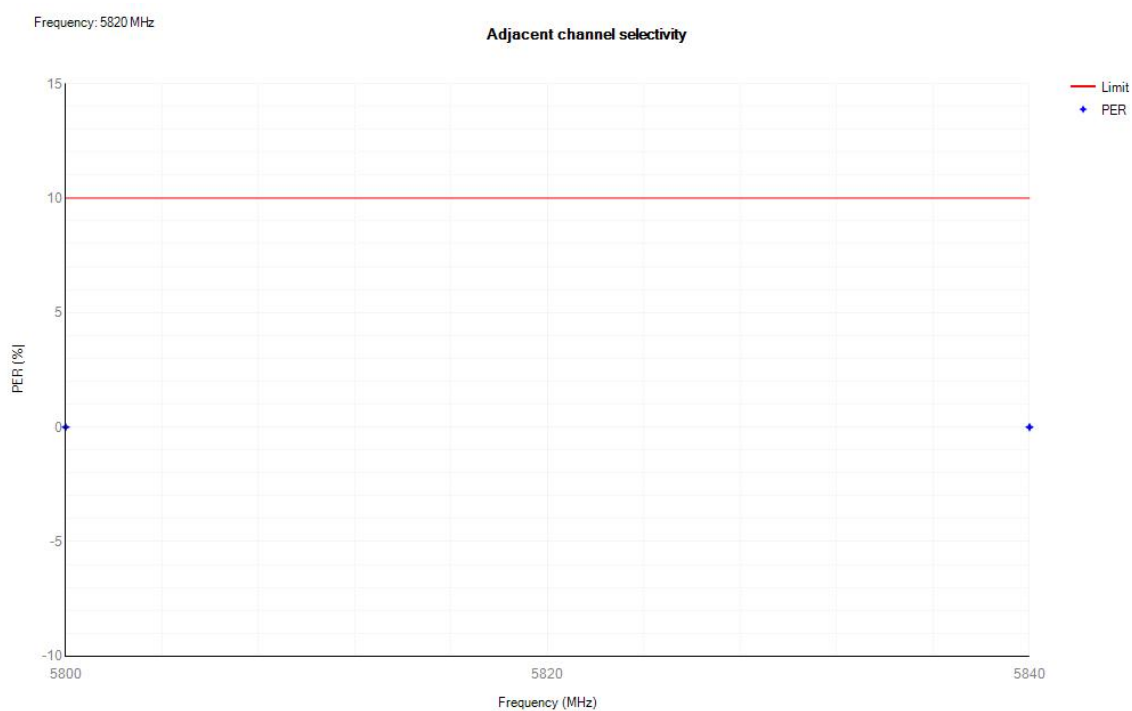
Rx. ACS NVNT a 5750MHz Ant2



Rx. ACS NVNT a 5780MHz Ant2



Rx. ACS NVNT a 5820MHz Ant2

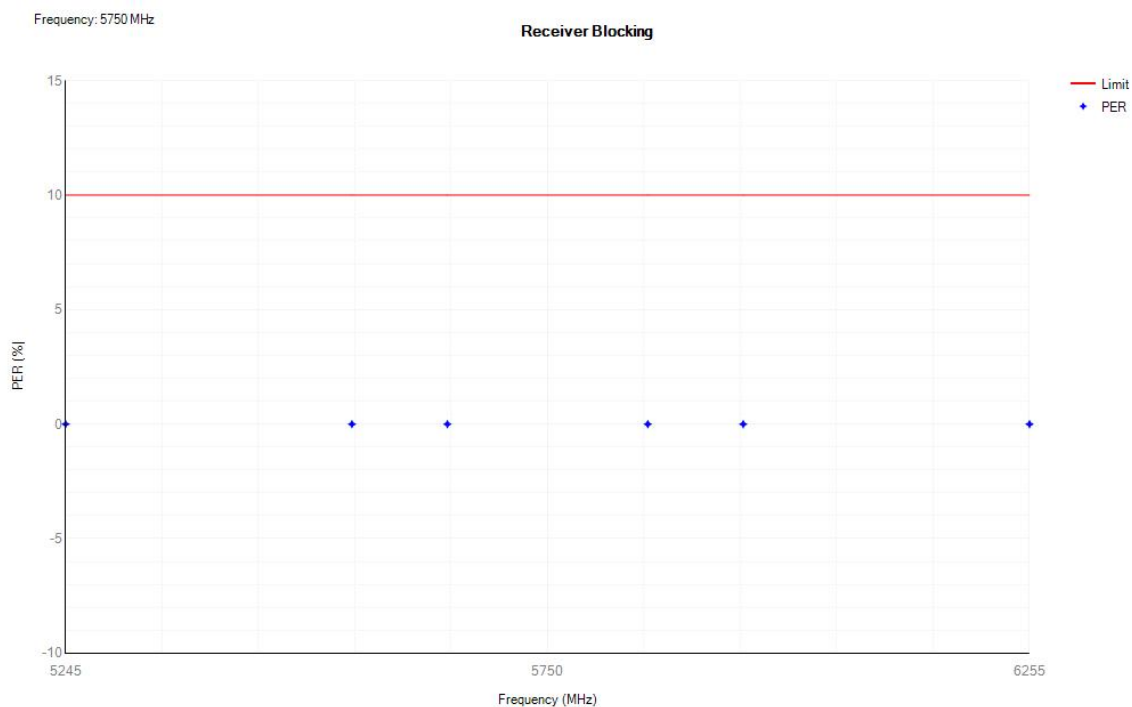


## Receiver Blocking

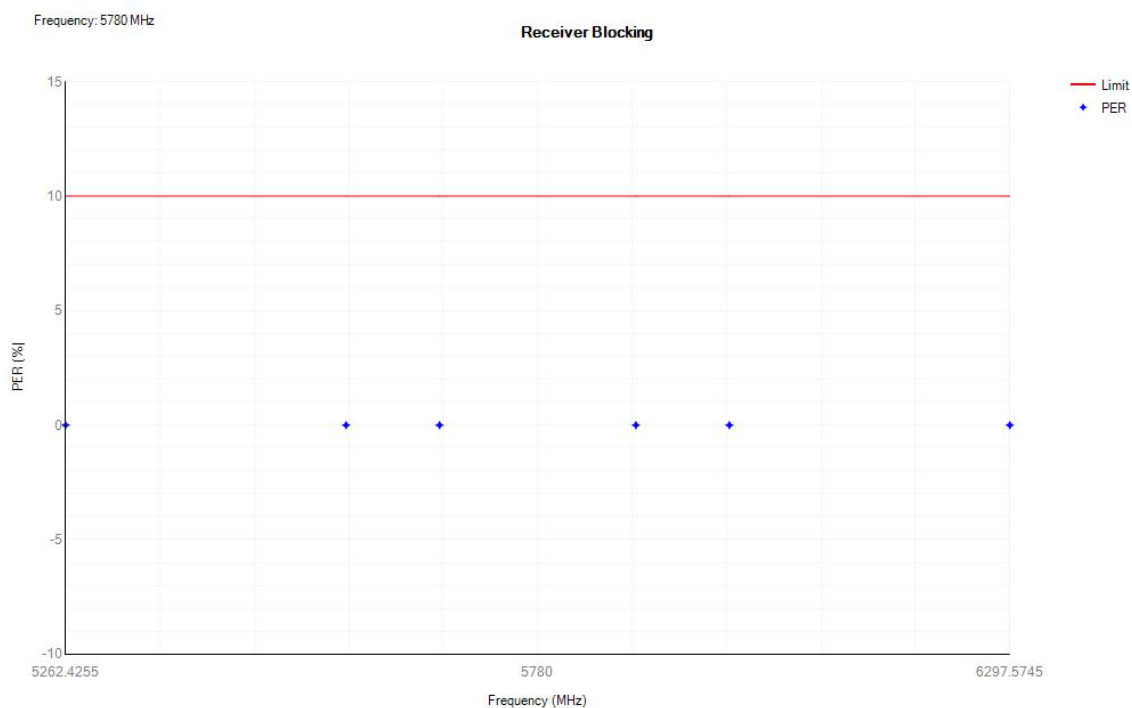
| Condition | Mode | Frequency<br>(MHz) | Antenna | Pmin<br>(dBm) | Wanted<br>Power<br>(dBm) | Blocking<br>Frequency<br>(MHz) | Blocking<br>Power<br>(dBm) | Limit<br>(dBm) | PER<br>(%) | Verdict |
|-----------|------|--------------------|---------|---------------|--------------------------|--------------------------------|----------------------------|----------------|------------|---------|
| NVNT      | a    | 5750               | Ant1    | -60           | Pmin+3                   | 5245                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5545                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5645                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5855                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5955                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 6255                           | -50                        | -55.19         | 0          | Pass    |
|           |      | 5780               |         | -60           | Pmin+3                   | 5262.4255                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5569.8955                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5672.3855                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5887.6145                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5990.1045                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 6297.5745                      | -50                        | -55.35         | 0          | Pass    |
|           |      | 5820               |         | -60           | Pmin+3                   | 5303.1325                      | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5610.1825                      | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5712.5325                      | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5927.4675                      | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 6029.8175                      | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 6336.8675                      | -50                        | -55.4          | 0          | Pass    |
|           |      | 5750               | Ant2    | -60           | Pmin+3                   | 5245                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5545                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5645                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5855                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5955                           | -50                        | -55.19         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 6255                           | -50                        | -55.19         | 0          | Pass    |
|           |      | 5780               |         | -60           | Pmin+3                   | 5261.9205                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5569.6905                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5672.2805                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5887.7195                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5990.3095                      | -50                        | -55.35         | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 6298.0795                      | -50                        | -55.35         | 0          | Pass    |
|           |      | 5820               |         | -60           | Pmin+3                   | 5302.981                       | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5610.121                       | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5712.501                       | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 5927.499                       | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 6029.879                       | -50                        | -55.4          | 0          | Pass    |
|           |      |                    |         | -60           | Pmin+3                   | 6337.019                       | -50                        | -55.4          | 0          | Pass    |

### Test Graphs

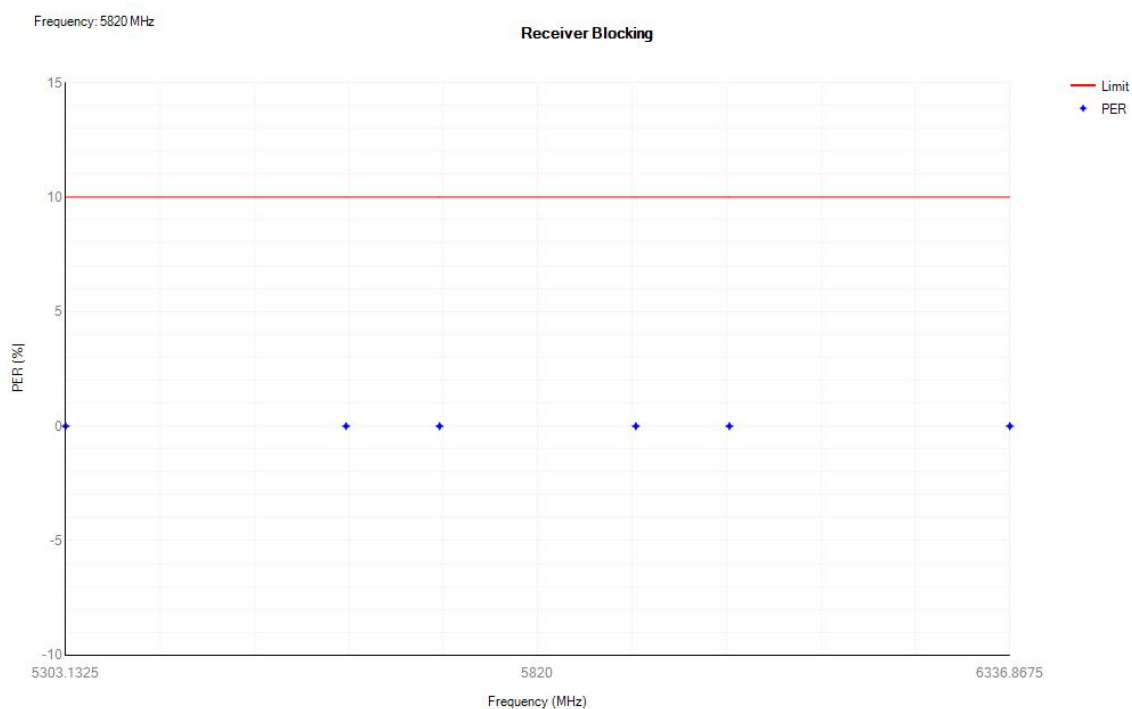
#### Rx. Blockings NVNT a 5750MHz Ant1



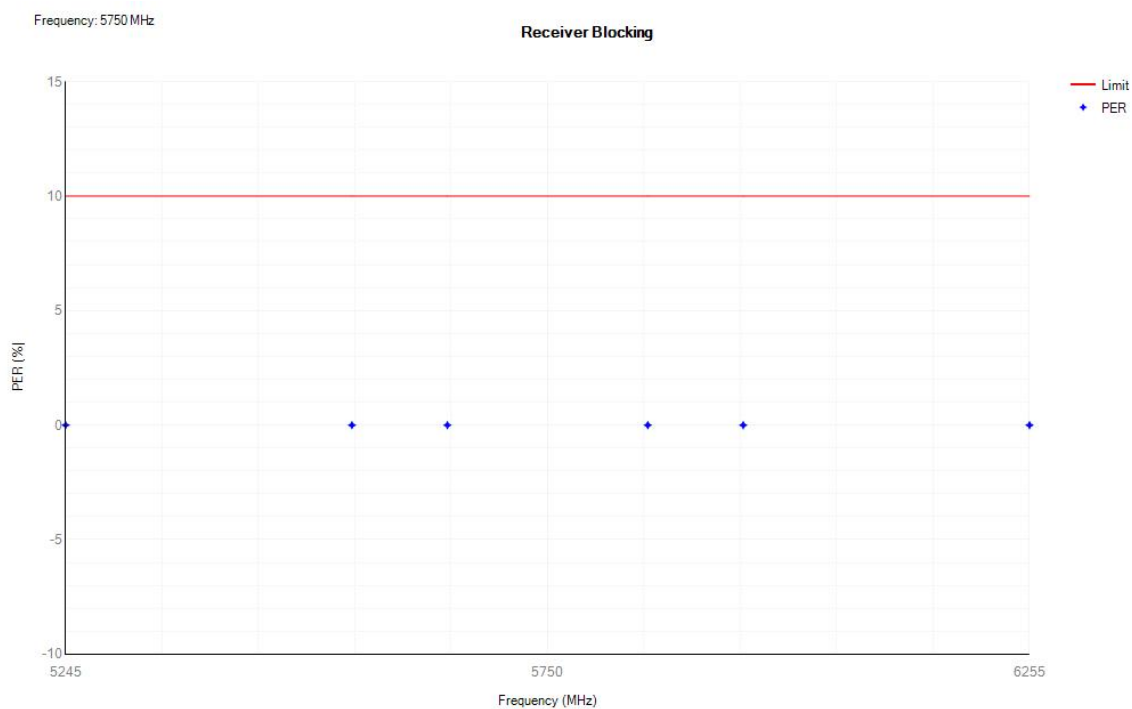
#### Rx. Blockings NVNT a 5780MHz Ant1



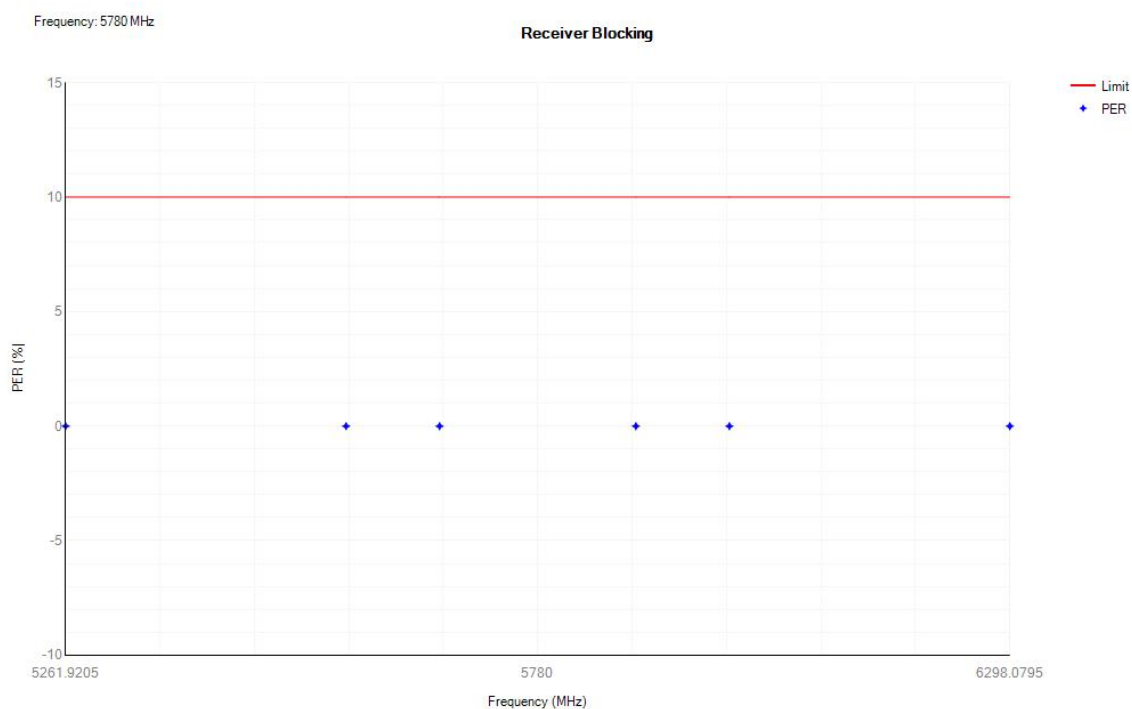
### Rx. Blockings NVNT a 5820MHz Ant1



### Rx. Blockings NVNT a 5750MHz Ant2



### Rx. Blockings NVNT a 5780MHz Ant2



### Rx. Blockings NVNT a 5820MHz Ant2

