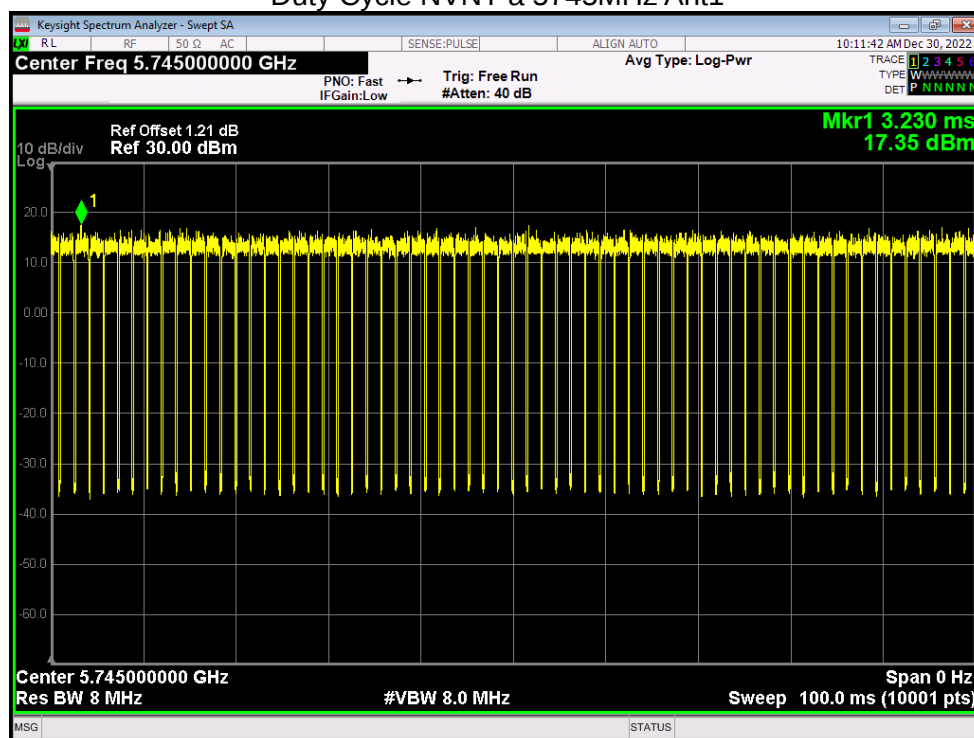


## 5.8G WIFI

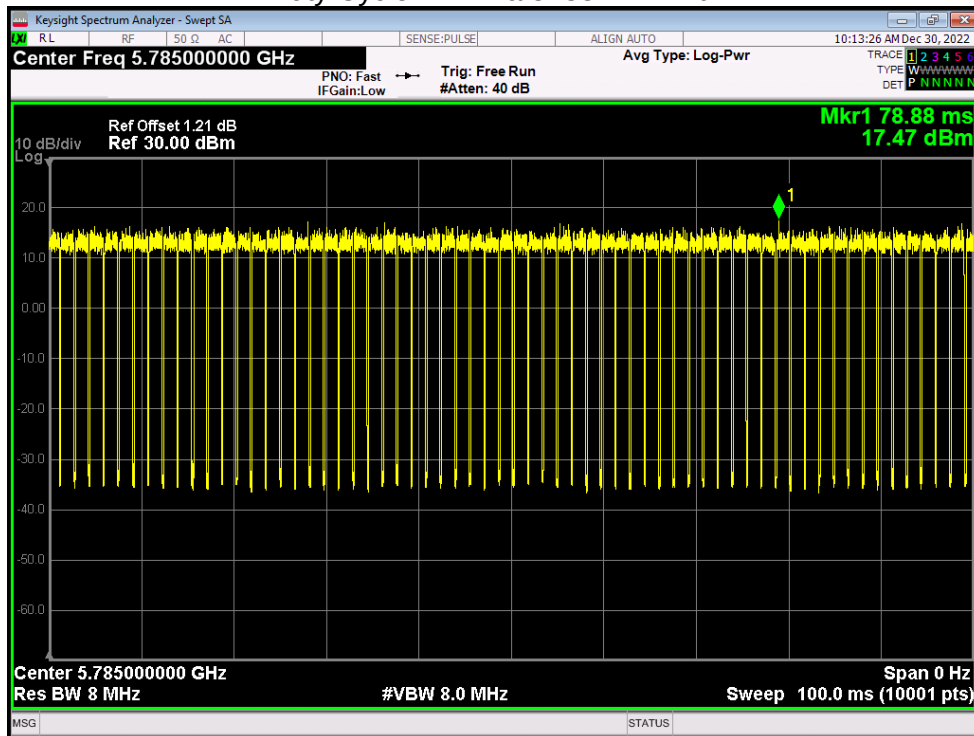
### 5.1 DUTY CYCLE

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | a    | 5745            | Ant1    | 88.93          | 0.51                   |
| NVNT      | a    | 5785            | Ant1    | 88.86          | 0.51                   |
| NVNT      | a    | 5825            | Ant1    | 88.34          | 0.54                   |
| NVNT      | ac20 | 5745            | Ant1    | 85.87          | 0.66                   |
| NVNT      | ac20 | 5785            | Ant1    | 86.77          | 0.62                   |
| NVNT      | ac20 | 5825            | Ant1    | 86.98          | 0.61                   |
| NVNT      | ac40 | 5755            | Ant1    | 76.57          | 1.16                   |
| NVNT      | ac40 | 5795            | Ant1    | 76.83          | 1.14                   |
| NVNT      | ac80 | 5775            | Ant1    | 56.96          | 2.44                   |
| NVNT      | n20  | 5745            | Ant1    | 87.28          | 0.59                   |
| NVNT      | n20  | 5785            | Ant1    | 87.47          | 0.58                   |
| NVNT      | n20  | 5825            | Ant1    | 86.97          | 0.61                   |
| NVNT      | n40  | 5755            | Ant1    | 76.69          | 1.15                   |
| NVNT      | n40  | 5795            | Ant1    | 76.78          | 1.15                   |

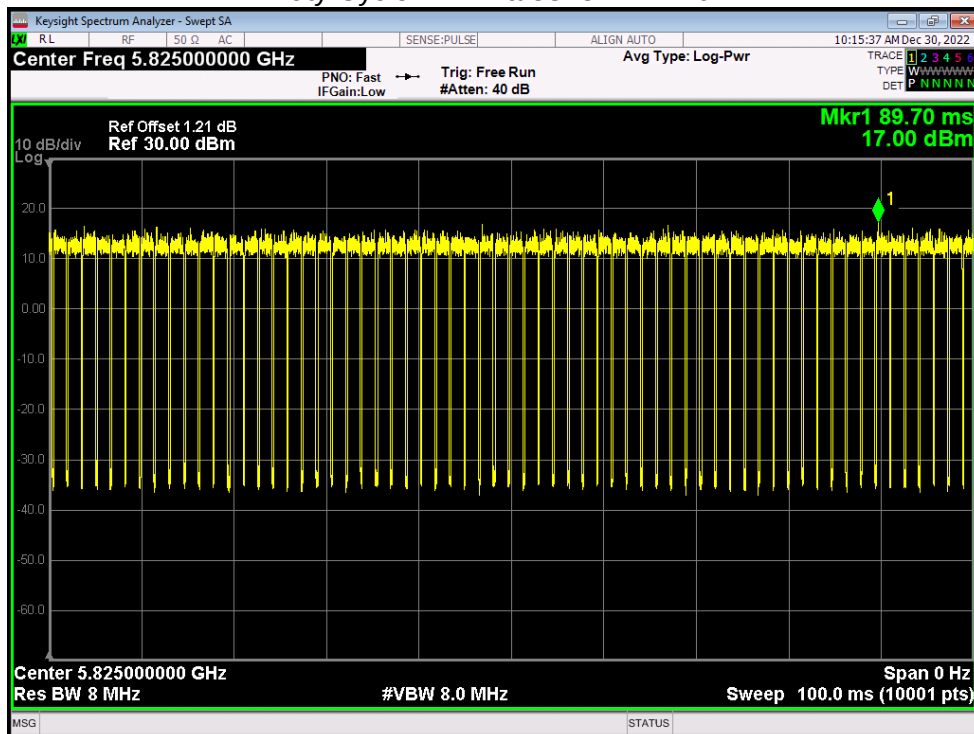
Duty Cycle NVNT a 5745MHz Ant1



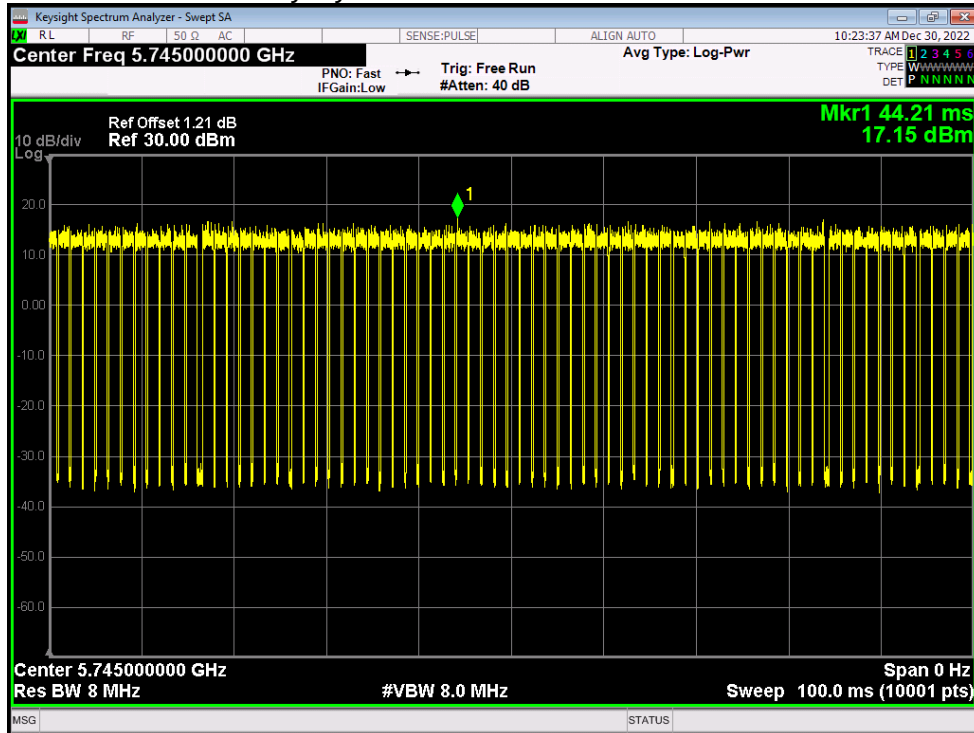
### Duty Cycle NVNT a 5785MHz Ant1



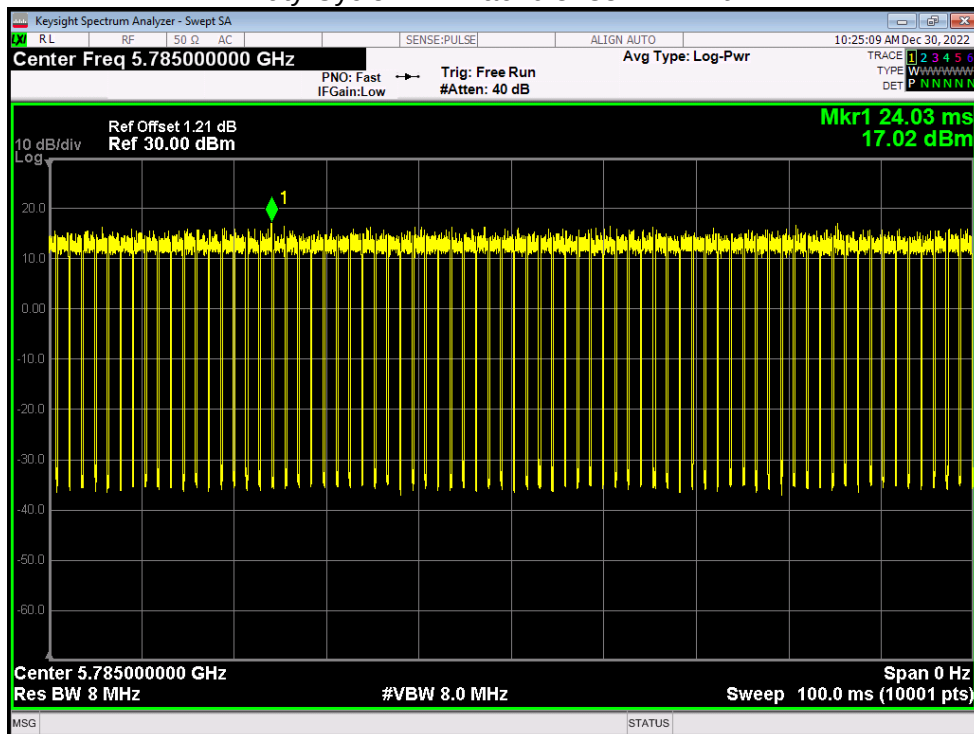
### Duty Cycle NVNT a 5825MHz Ant1



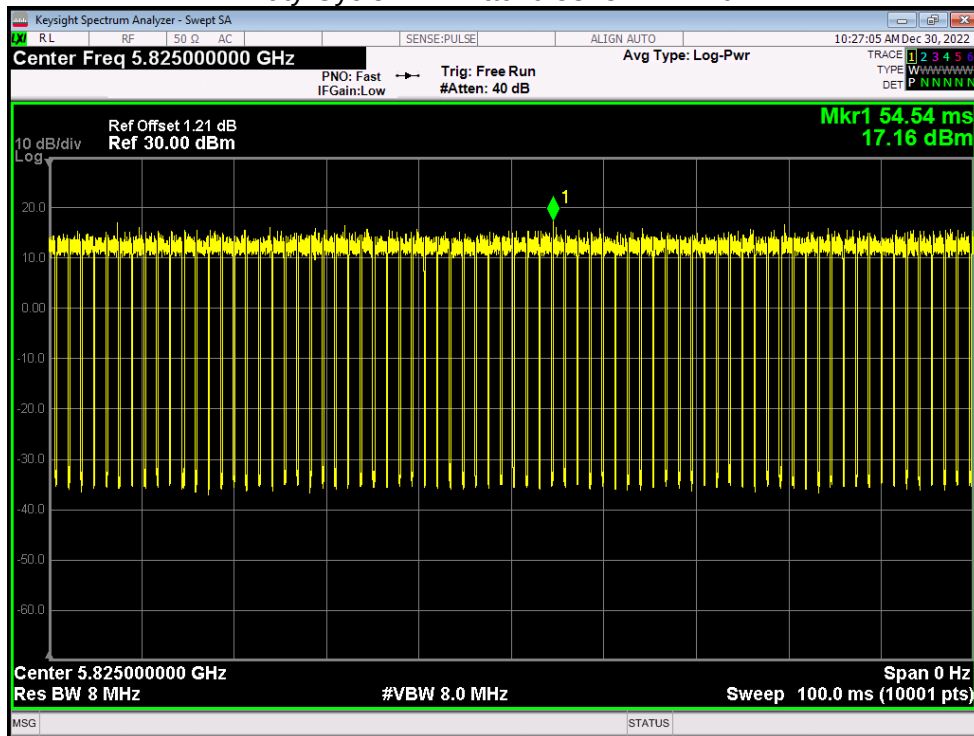
### Duty Cycle NVNT ac20 5745MHz Ant1



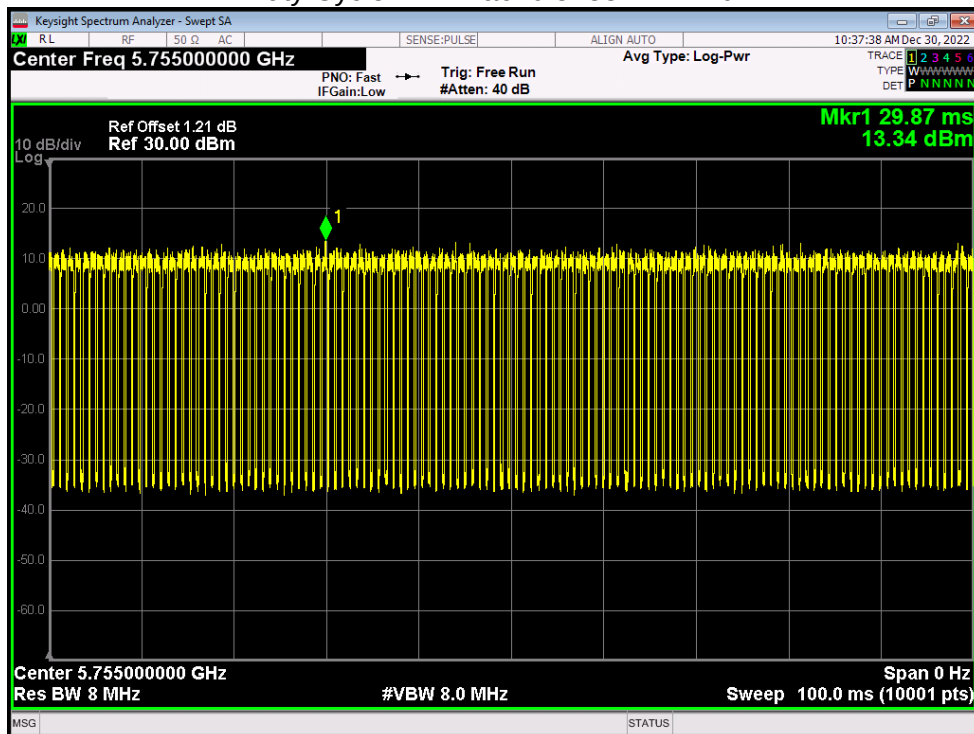
### Duty Cycle NVNT ac20 5785MHz Ant1



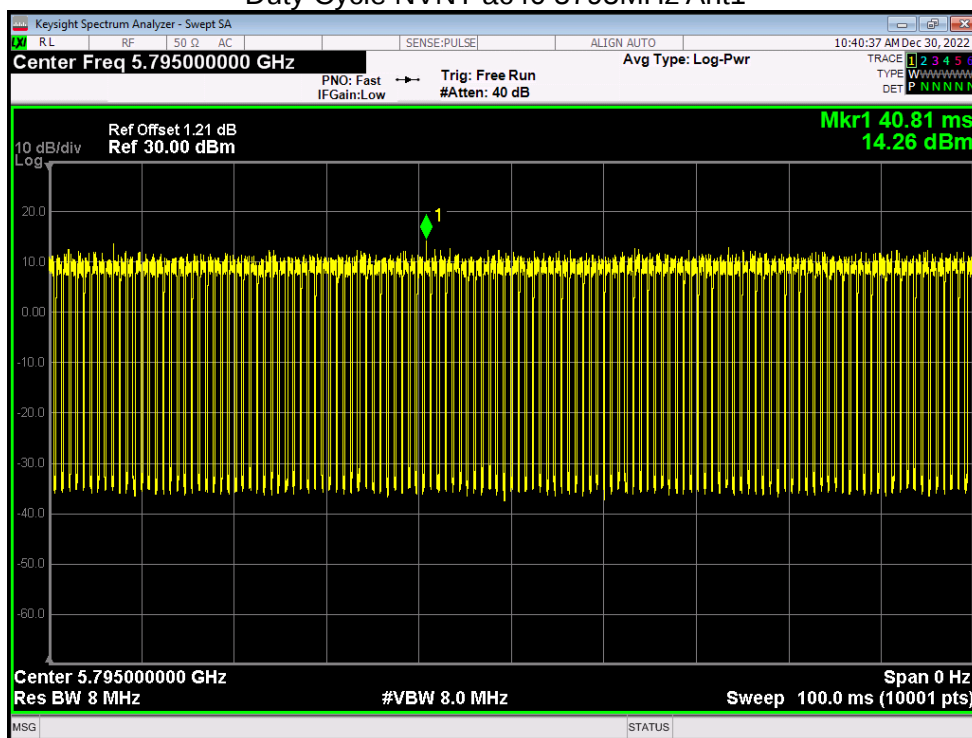
### Duty Cycle NVNT ac20 5825MHz Ant1



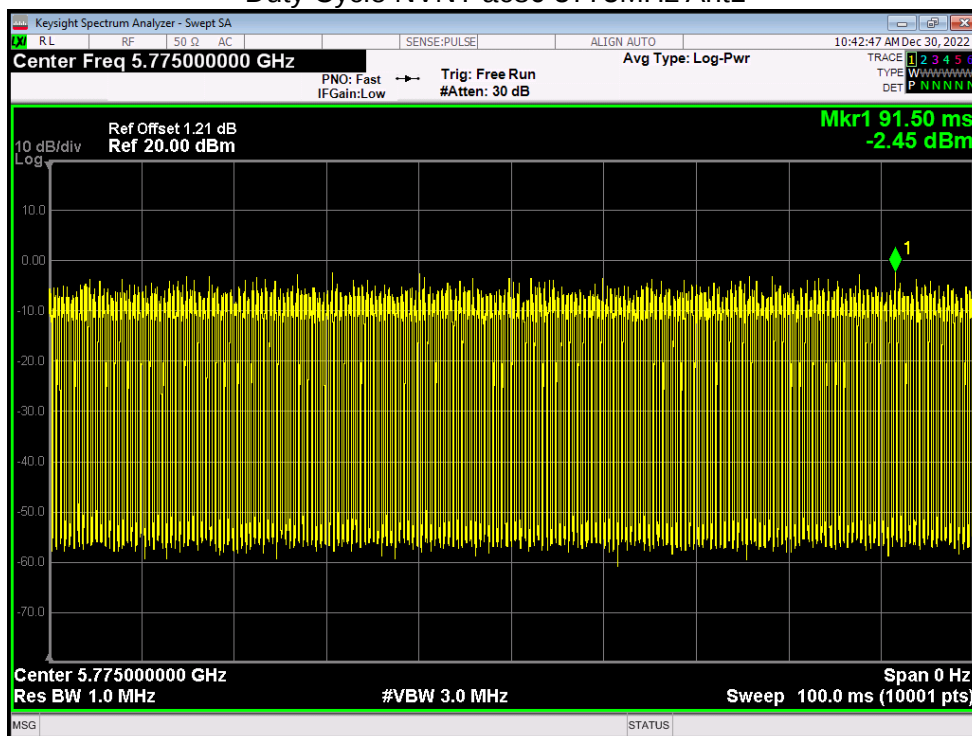
### Duty Cycle NVNT ac40 5755MHz Ant1



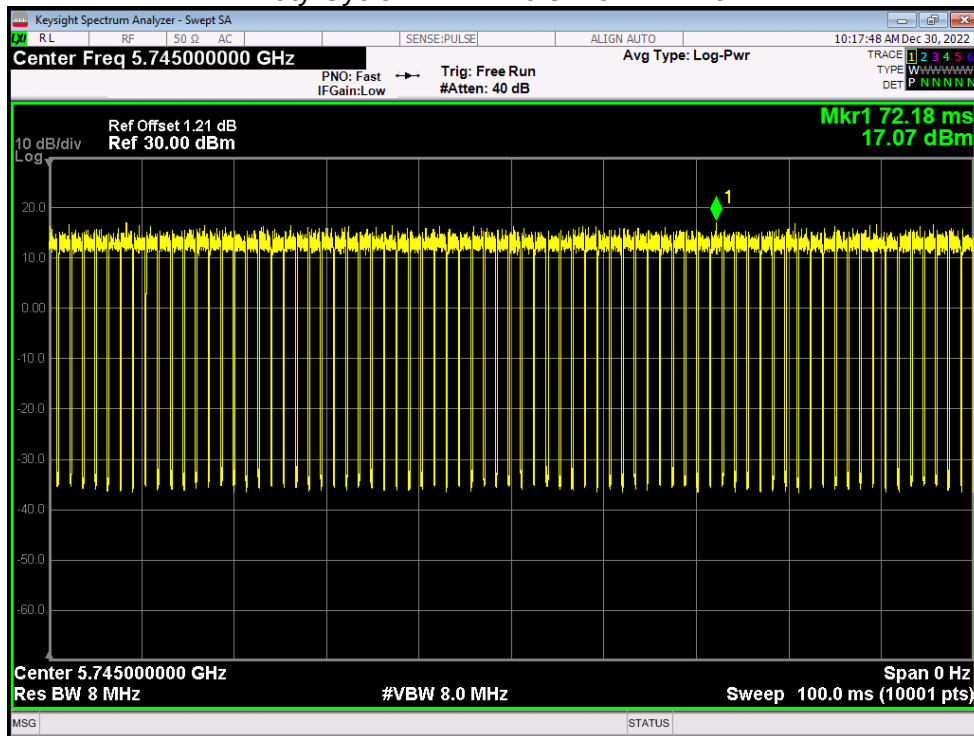
### Duty Cycle NVNT ac40 5795MHz Ant1



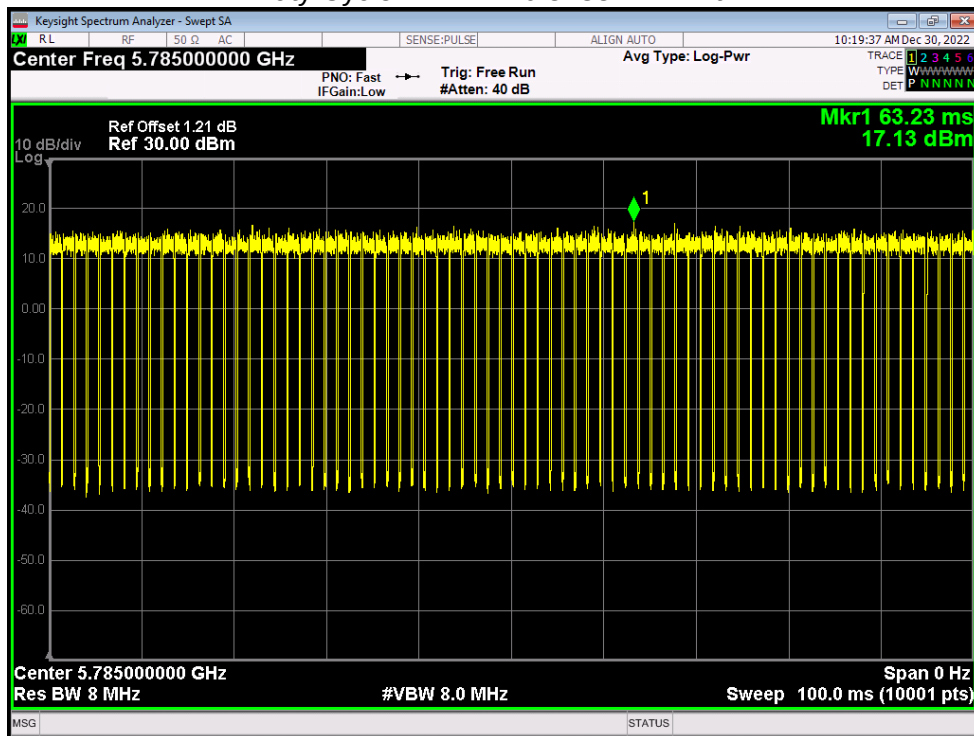
### Duty Cycle NVNT ac80 5775MHz Ant1



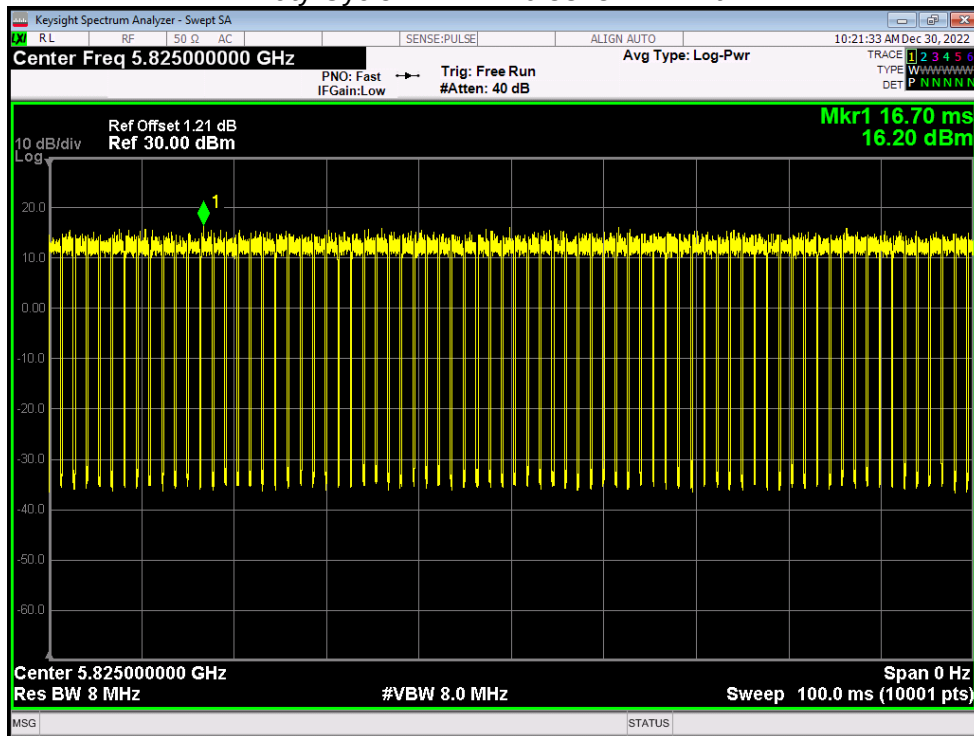
### Duty Cycle NVNT n20 5745MHz Ant1



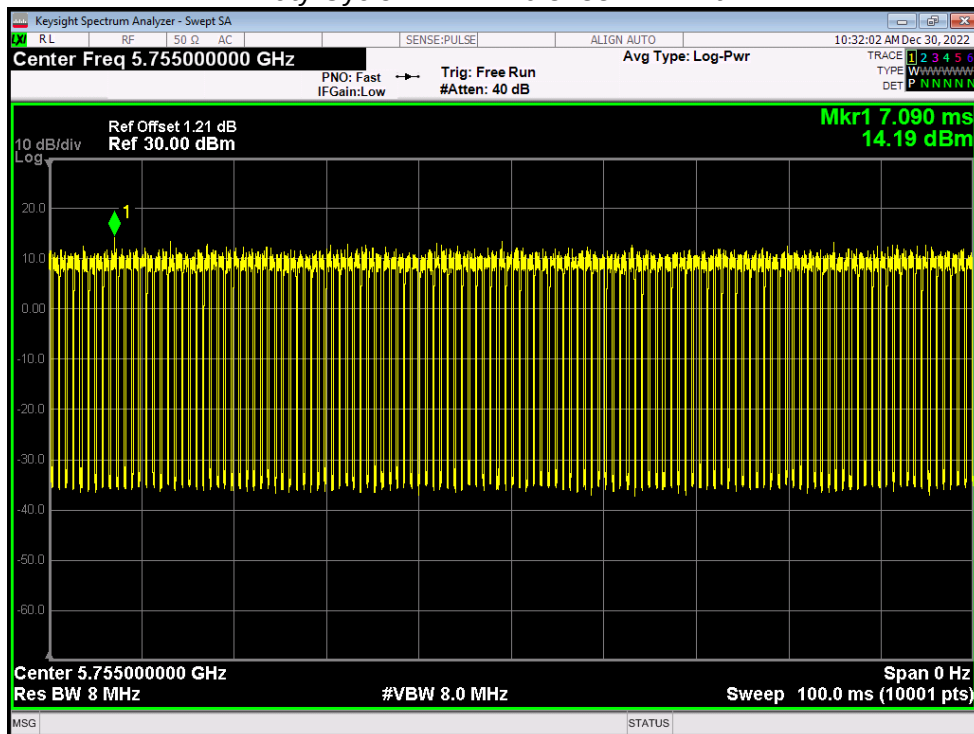
### Duty Cycle NVNT n20 5785MHz Ant1



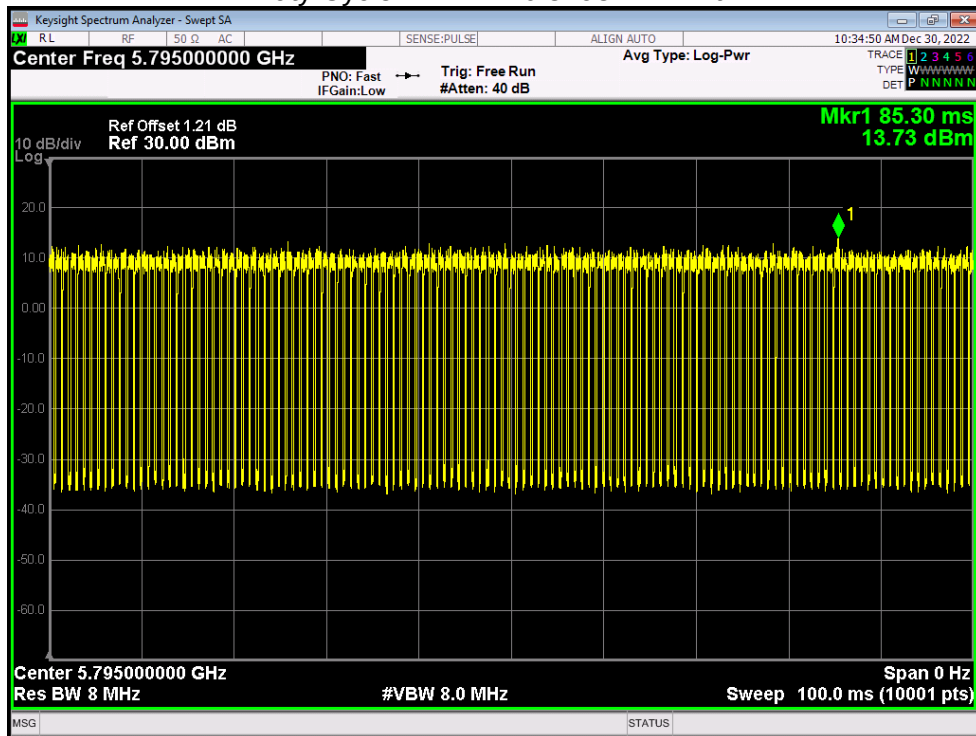
### Duty Cycle NVNT n20 5825MHz Ant1



### Duty Cycle NVNT n40 5755MHz Ant1



### Duty Cycle NVNT n40 5795MHz Ant1



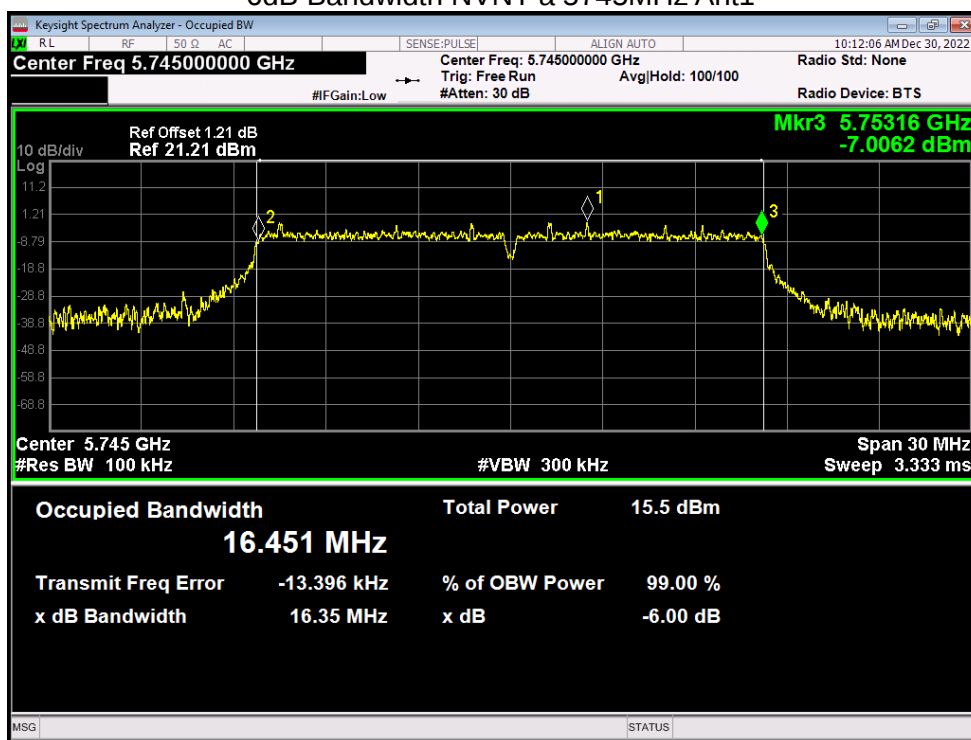
## 5.2 MAXIMUM CONDUCTED OUTPUT POWER

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 9.439                 | 0.51             | 9.949             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 9.136                 | 0.51             | 9.646             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 8.618                 | 0.54             | 9.158             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 9.173                 | 0.66             | 9.833             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 8.986                 | 0.62             | 9.606             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 8.473                 | 0.61             | 9.083             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 7.864                 | 1.16             | 9.024             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 7.797                 | 1.14             | 8.937             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 7.067                 | 2.44             | 9.507             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 9.132                 | 0.59             | 9.722             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 8.886                 | 0.58             | 9.466             | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 8.463                 | 0.61             | 9.073             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 7.779                 | 1.15             | 8.929             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 7.688                 | 1.15             | 8.838             | 30          | Pass    |

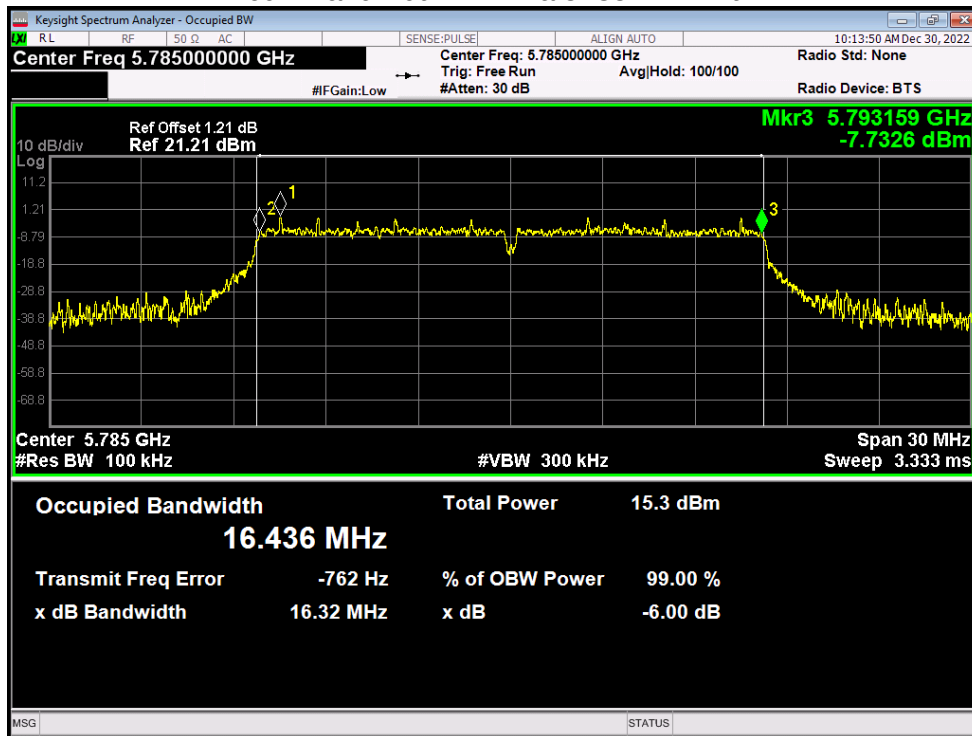
### 5.3 -6DB BANDWIDTH

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.348                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.32                 | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.338                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.535                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.464                | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.539                | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 36.218                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.993                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.441                | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.487                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.531                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.557                | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 36.321                | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 36.134                | 0.5                         | Pass    |

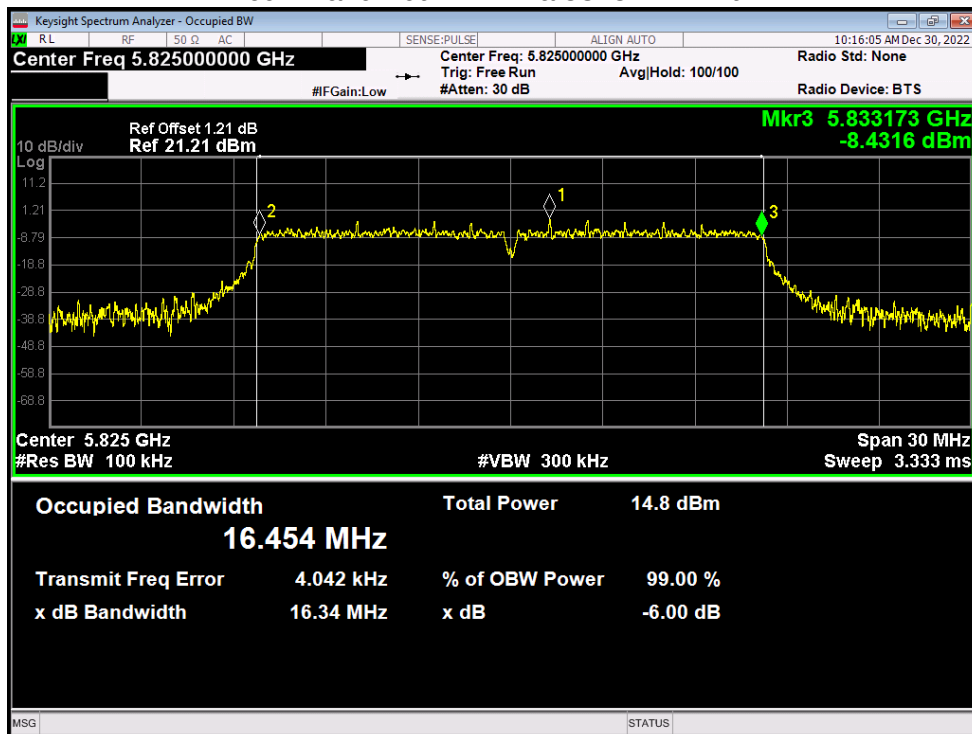
-6dB Bandwidth NVNT a 5745MHz Ant1



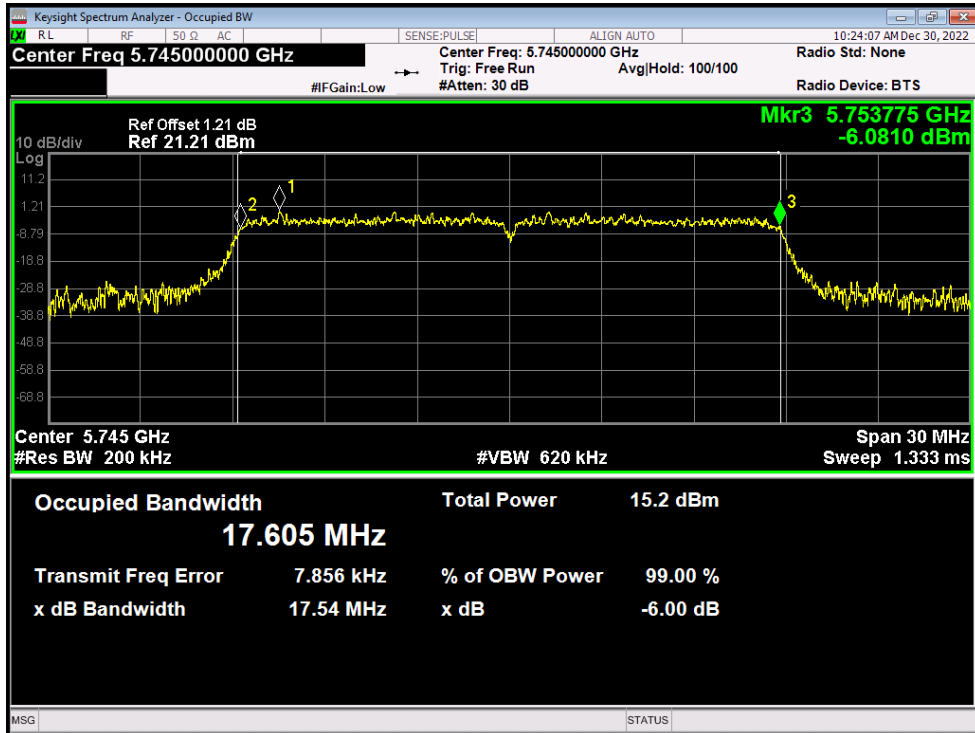
### -6dB Bandwidth NVNT a 5785MHz Ant1



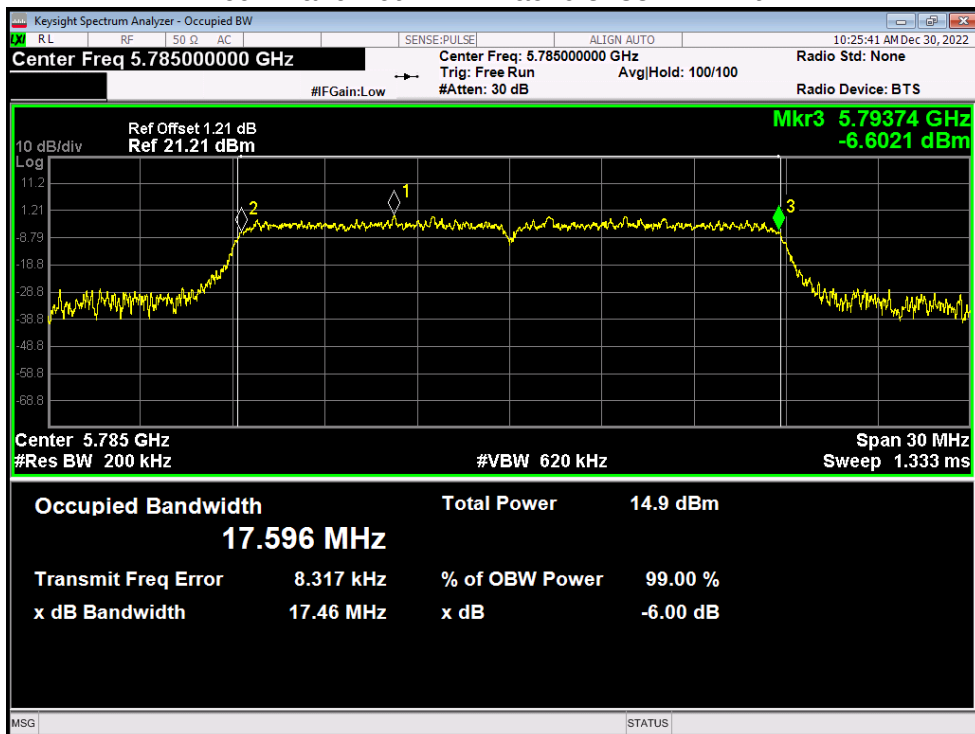
### -6dB Bandwidth NVNT a 5825MHz Ant1



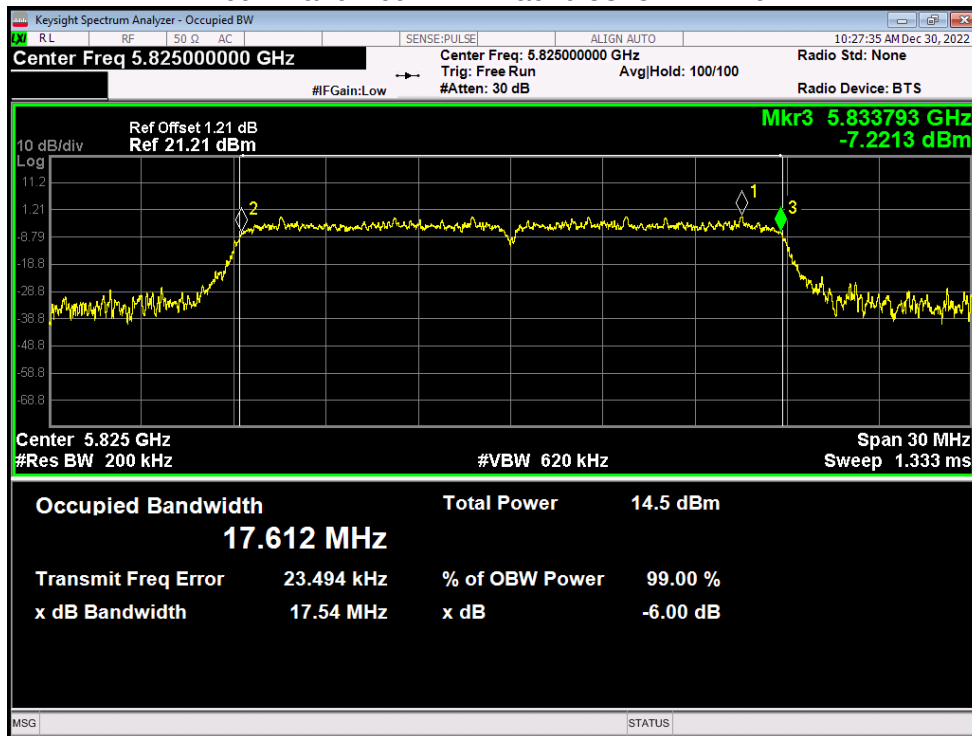
### -6dB Bandwidth NVNT ac20 5745MHz Ant1



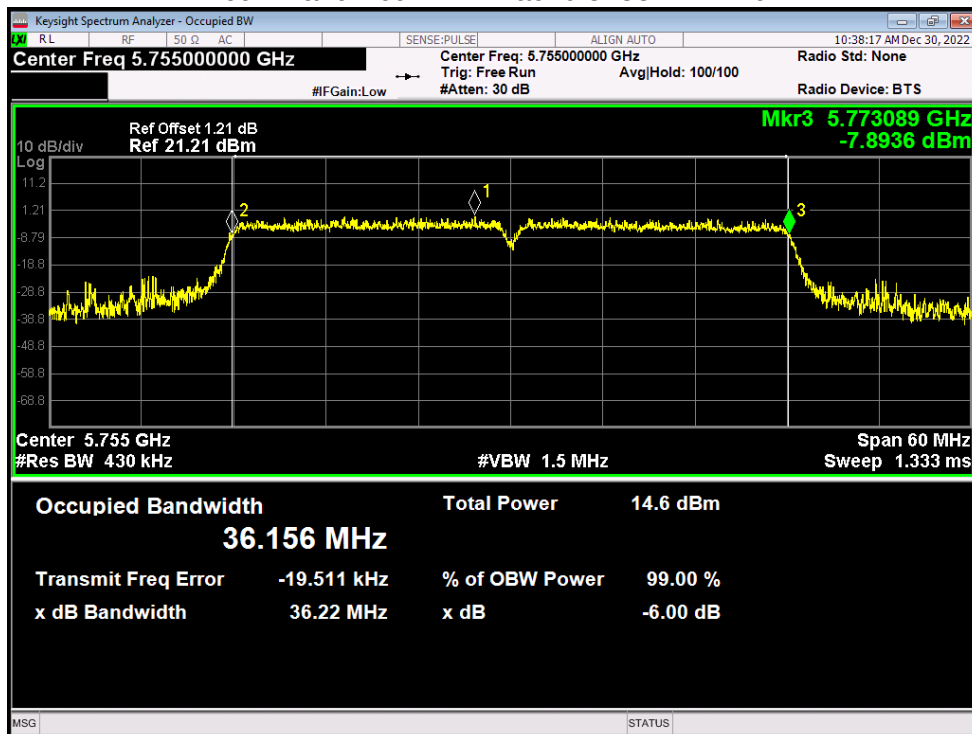
### -6dB Bandwidth NVNT ac20 5785MHz Ant1



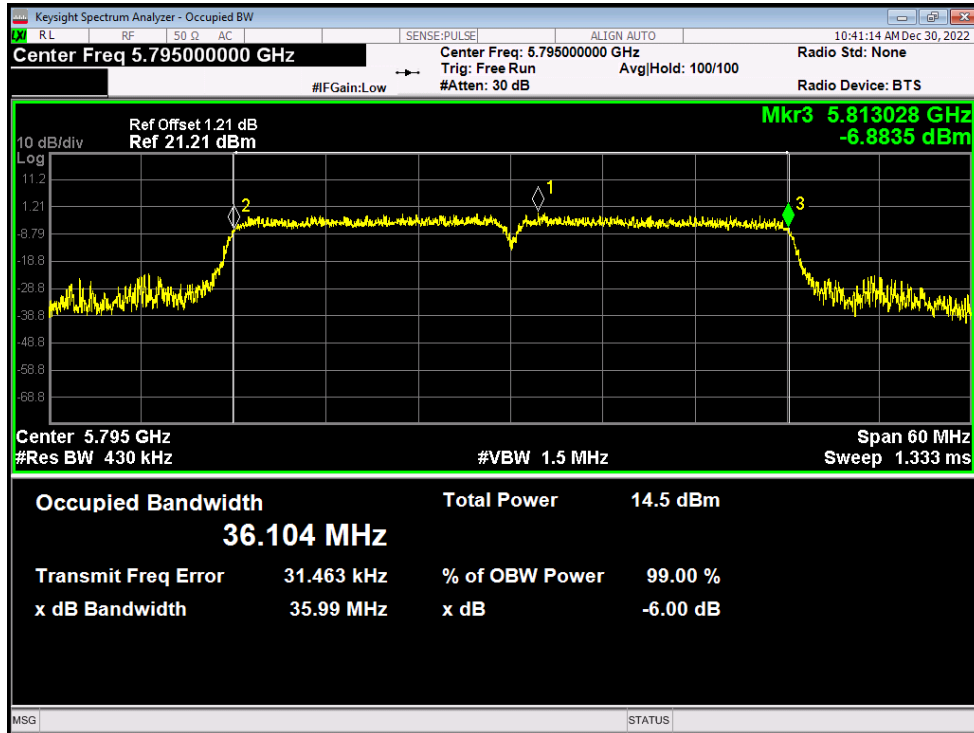
### -6dB Bandwidth NVNT ac20 5825MHz Ant1



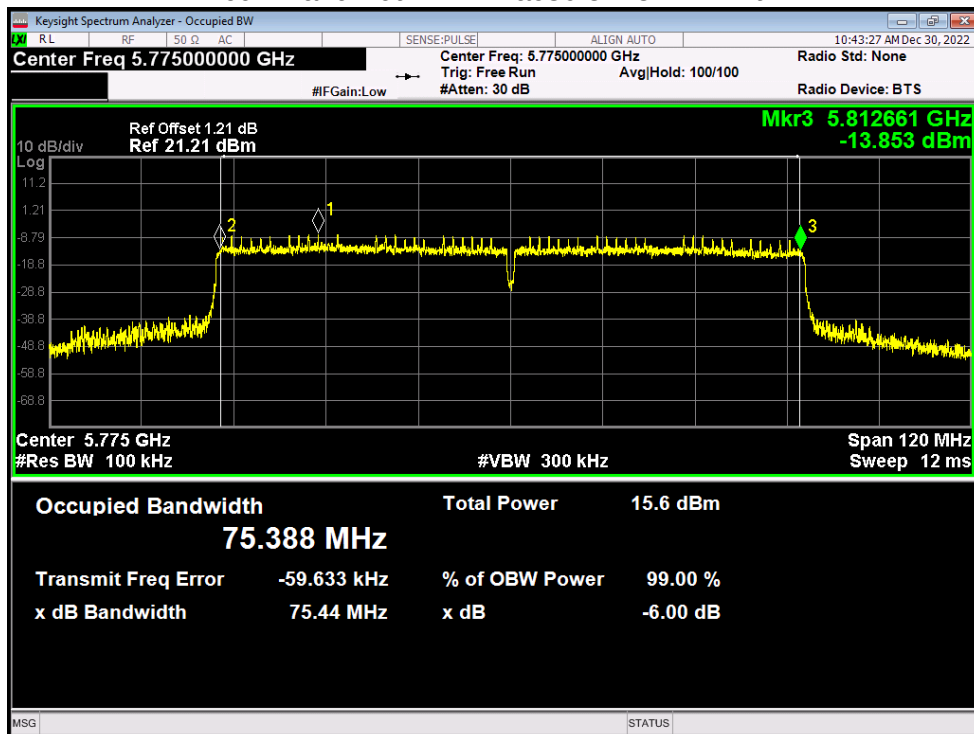
### -6dB Bandwidth NVNT ac40 5755MHz Ant1



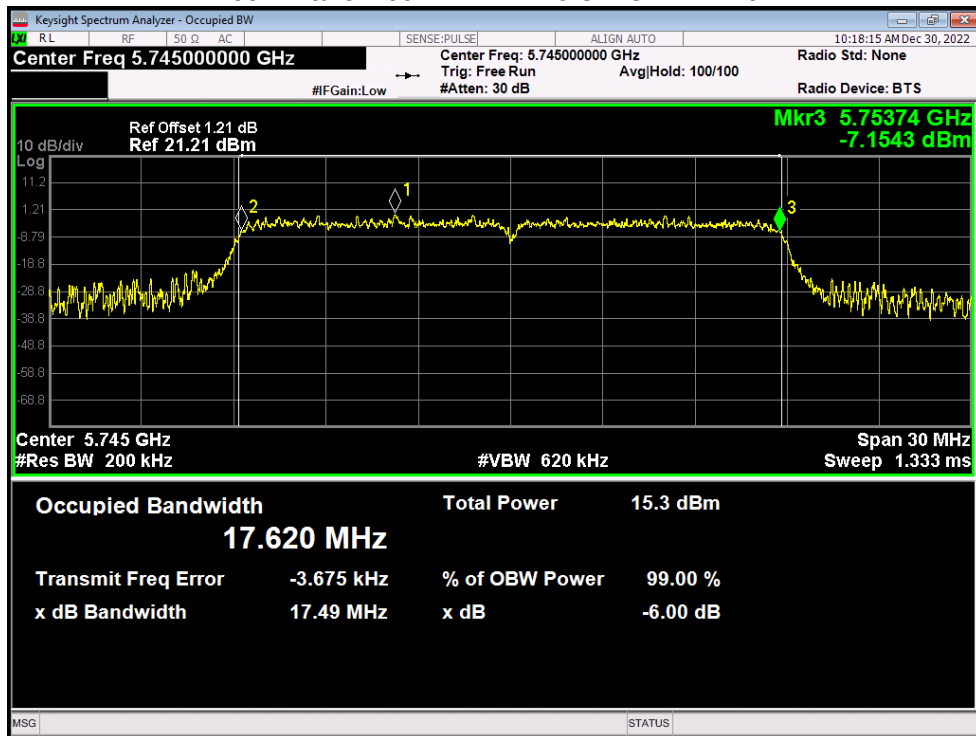
### -6dB Bandwidth NVNT ac40 5795MHz Ant1



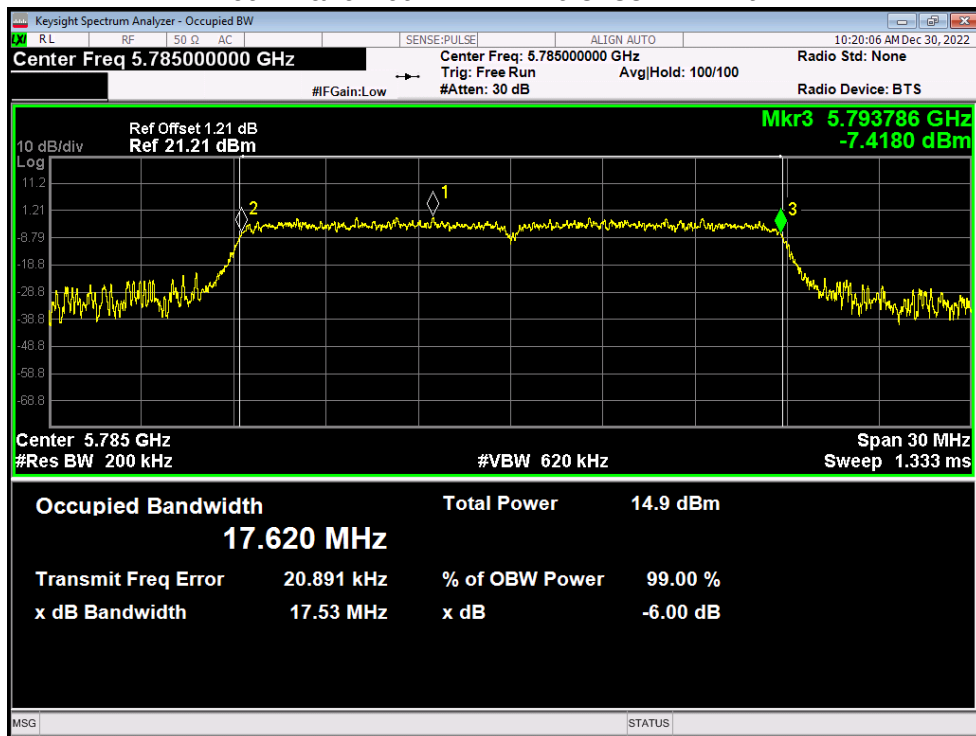
### -6dB Bandwidth NVNT ac80 5775MHz Ant1



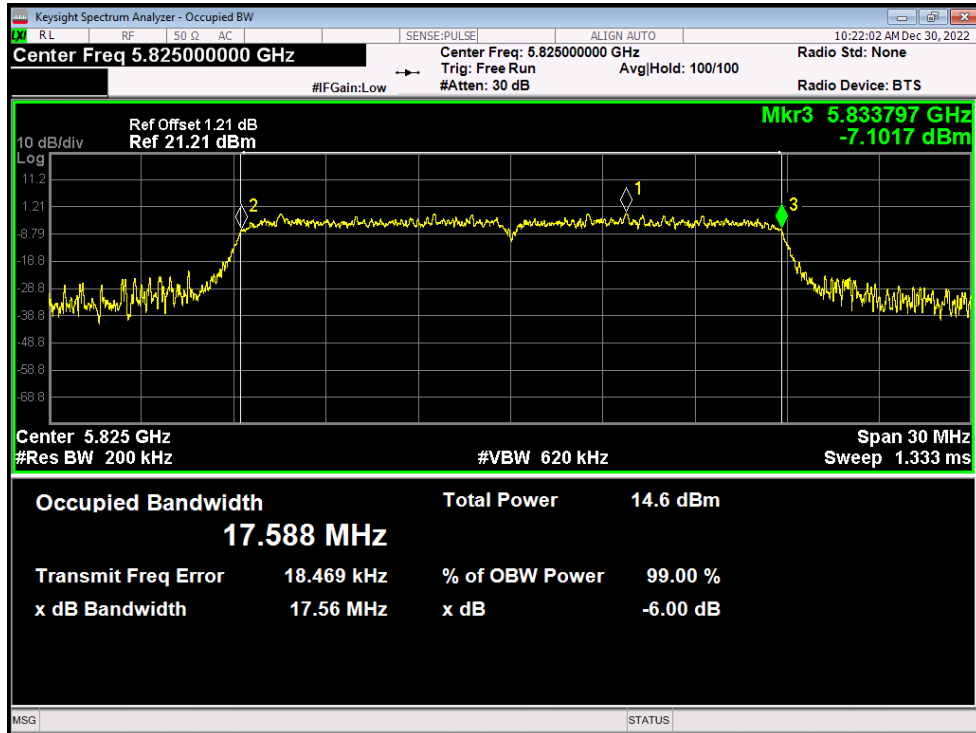
### -6dB Bandwidth NVNT n20 5745MHz Ant1



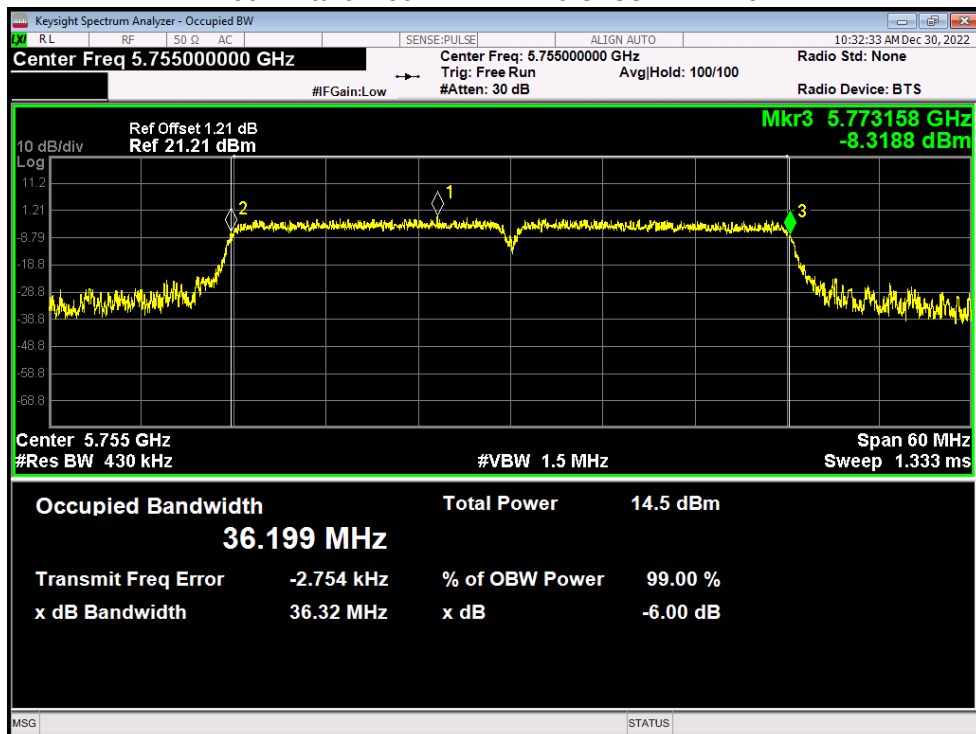
### -6dB Bandwidth NVNT n20 5785MHz Ant1



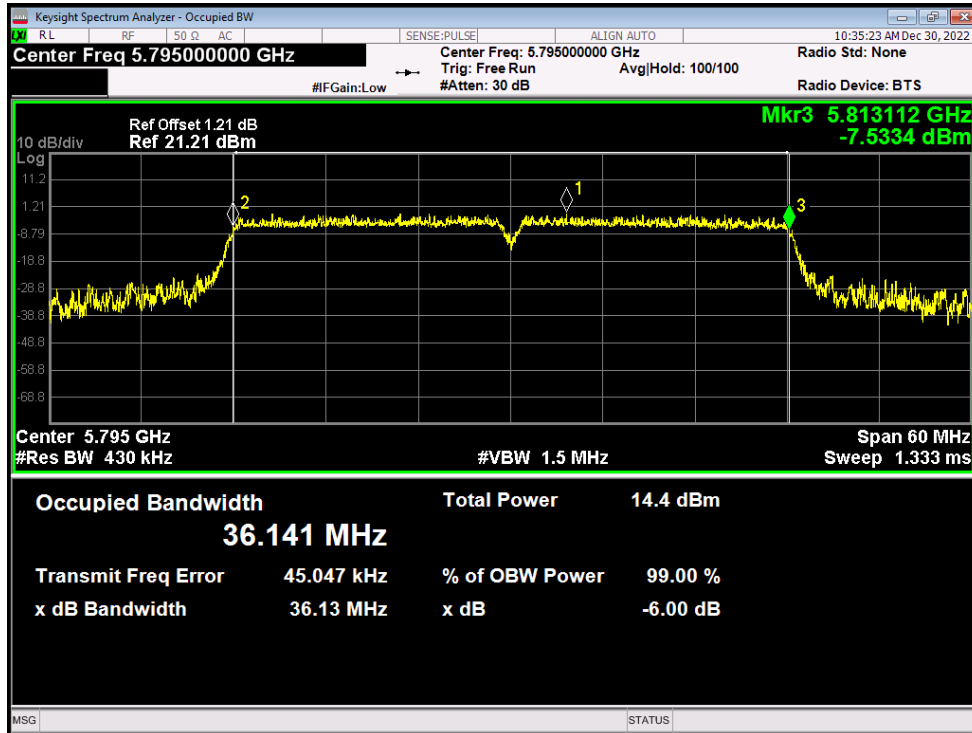
### -6dB Bandwidth NVNT n20 5825MHz Ant1



### -6dB Bandwidth NVNT n40 5755MHz Ant1



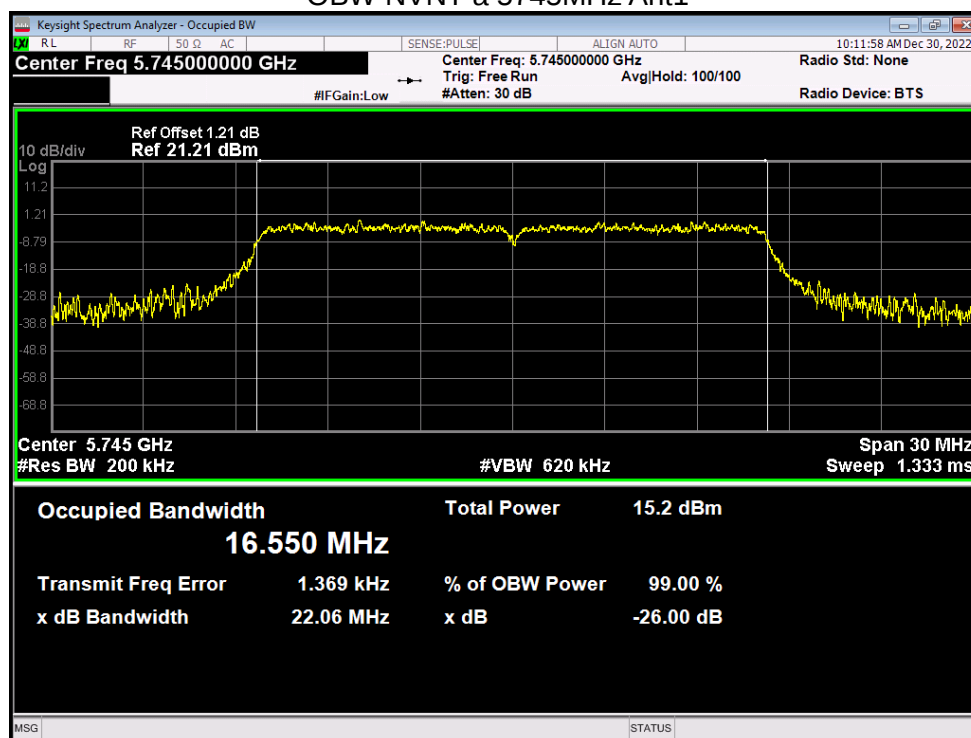
-6dB Bandwidth NVNT n40 5795MHz Ant1



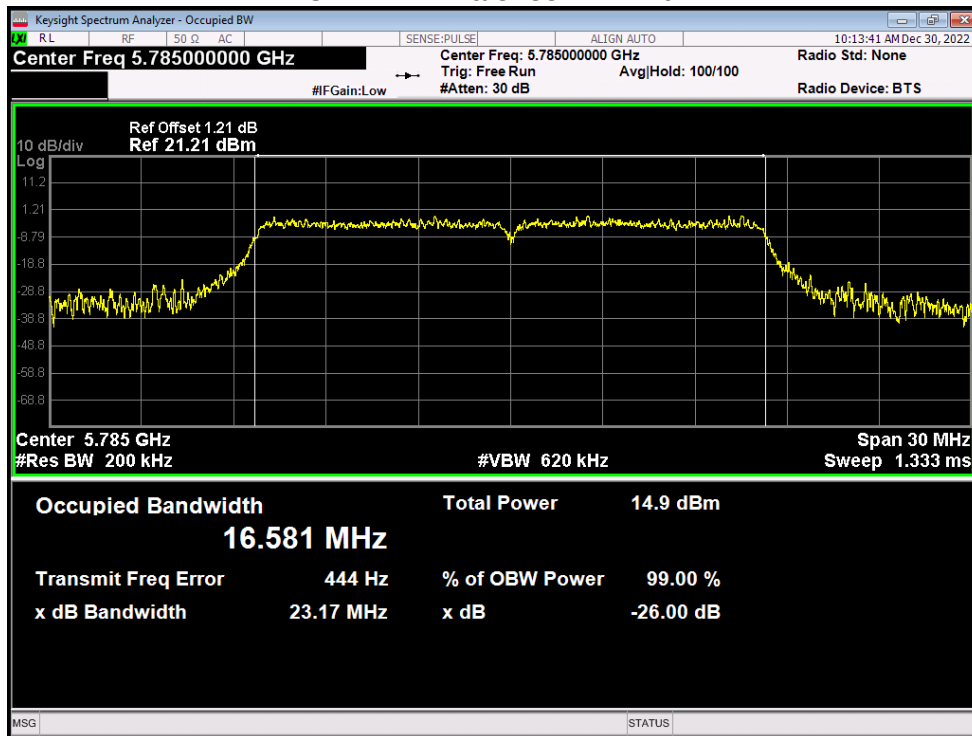
#### 5.4 OCCUPIED CHANNEL BANDWIDTH

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.55         |
| NVNT      | a    | 5785            | Ant1    | 16.581        |
| NVNT      | a    | 5825            | Ant1    | 16.574        |
| NVNT      | ac20 | 5745            | Ant1    | 17.589        |
| NVNT      | ac20 | 5785            | Ant1    | 17.612        |
| NVNT      | ac20 | 5825            | Ant1    | 17.62         |
| NVNT      | ac40 | 5755            | Ant1    | 36.154        |
| NVNT      | ac40 | 5795            | Ant1    | 36.185        |
| NVNT      | ac80 | 5775            | Ant1    | 75.563        |
| NVNT      | n20  | 5745            | Ant1    | 17.614        |
| NVNT      | n20  | 5785            | Ant1    | 17.618        |
| NVNT      | n20  | 5825            | Ant1    | 17.63         |
| NVNT      | n40  | 5755            | Ant1    | 36.144        |
| NVNT      | n40  | 5795            | Ant1    | 36.167        |

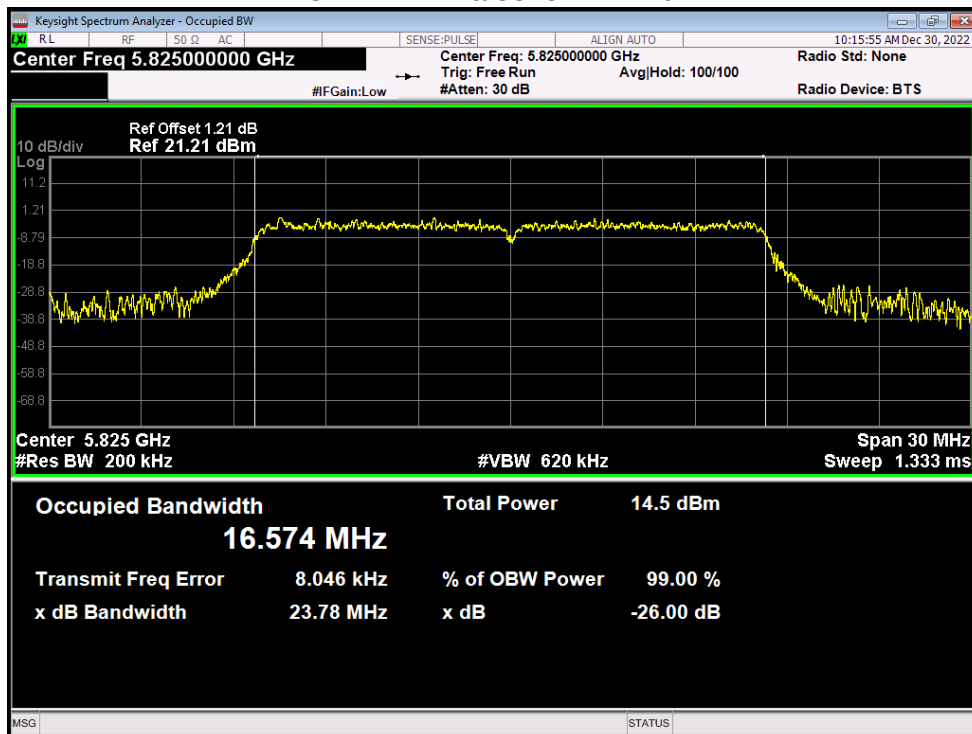
OBW NVNT a 5745MHz Ant1



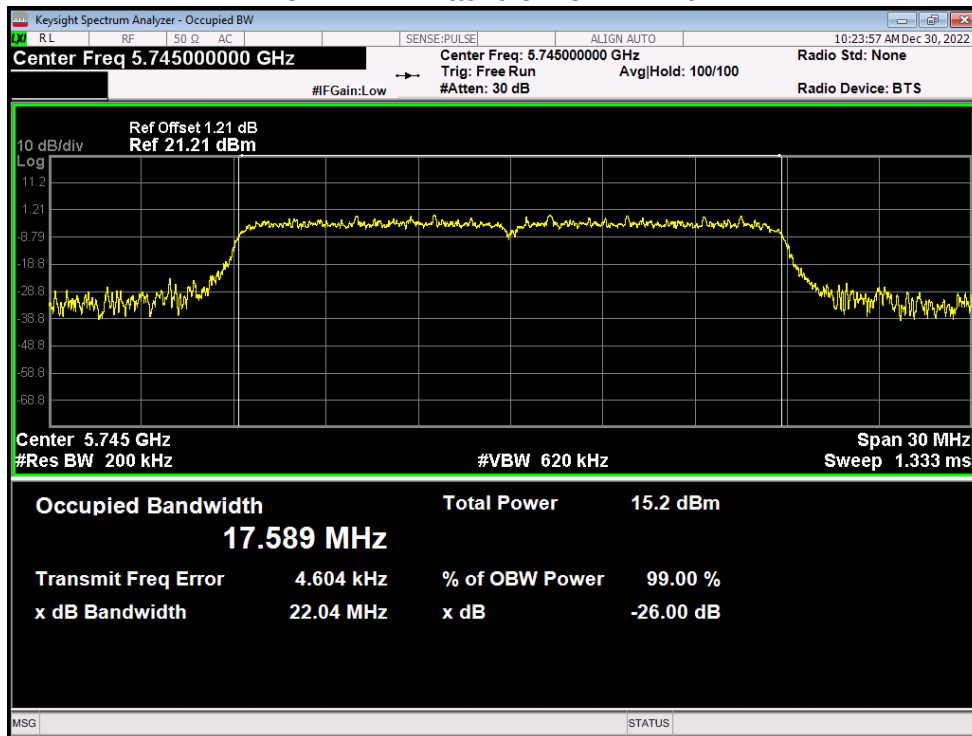
### OBW NVNT a 5785MHz Ant1



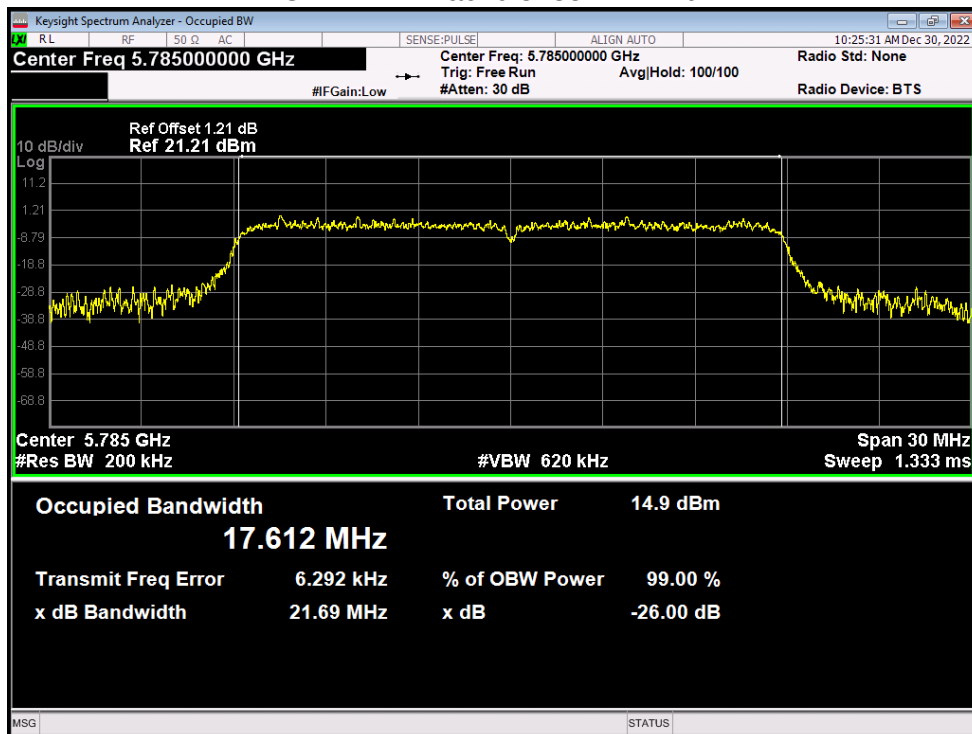
### OBW NVNT a 5825MHz Ant1



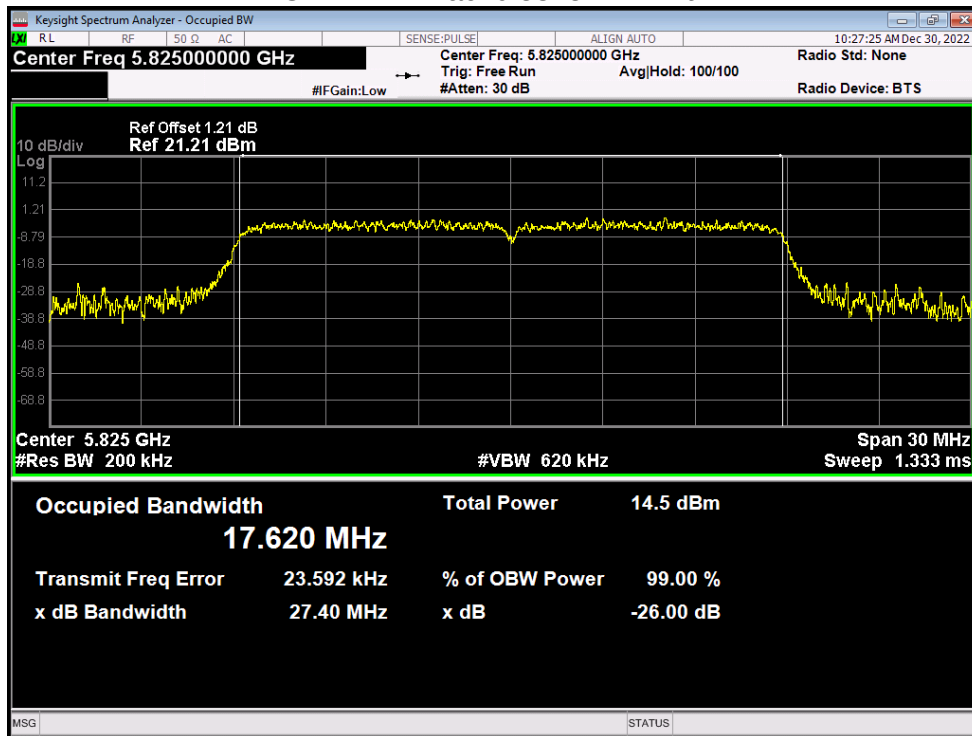
### OBW NVNT ac20 5745MHz Ant1



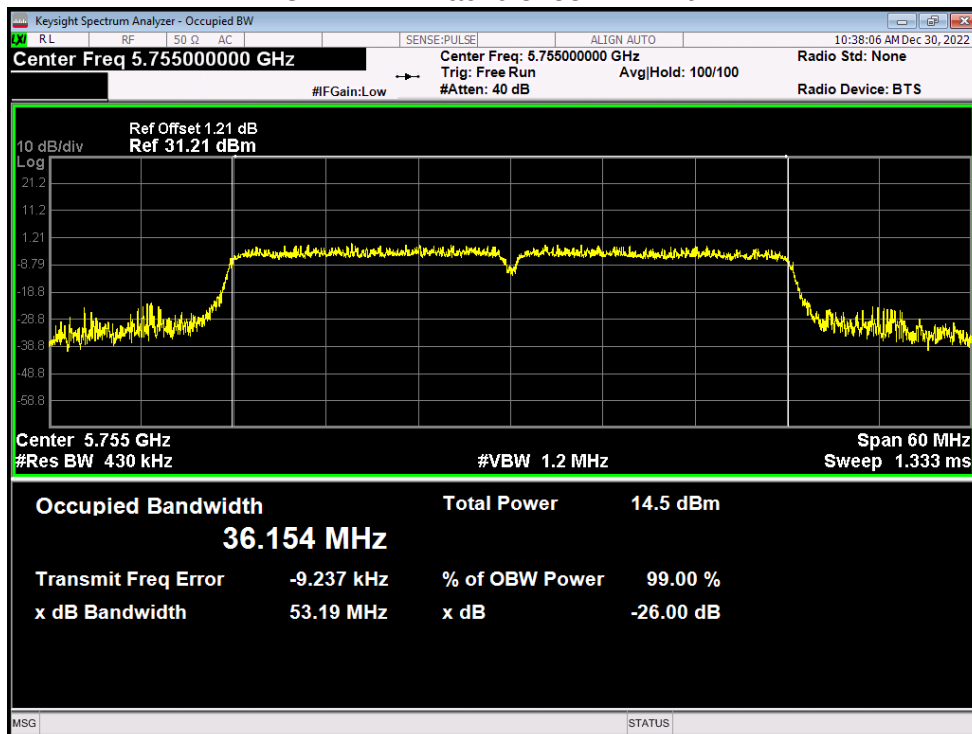
### OBW NVNT ac20 5785MHz Ant1



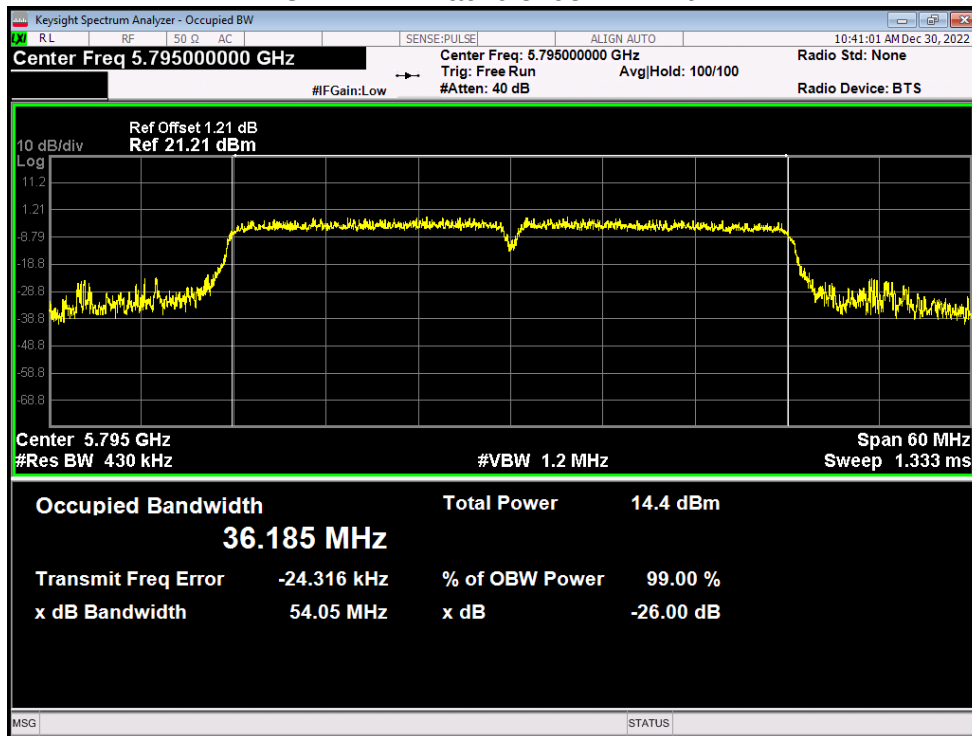
### OBW NVNT ac20 5825MHz Ant1



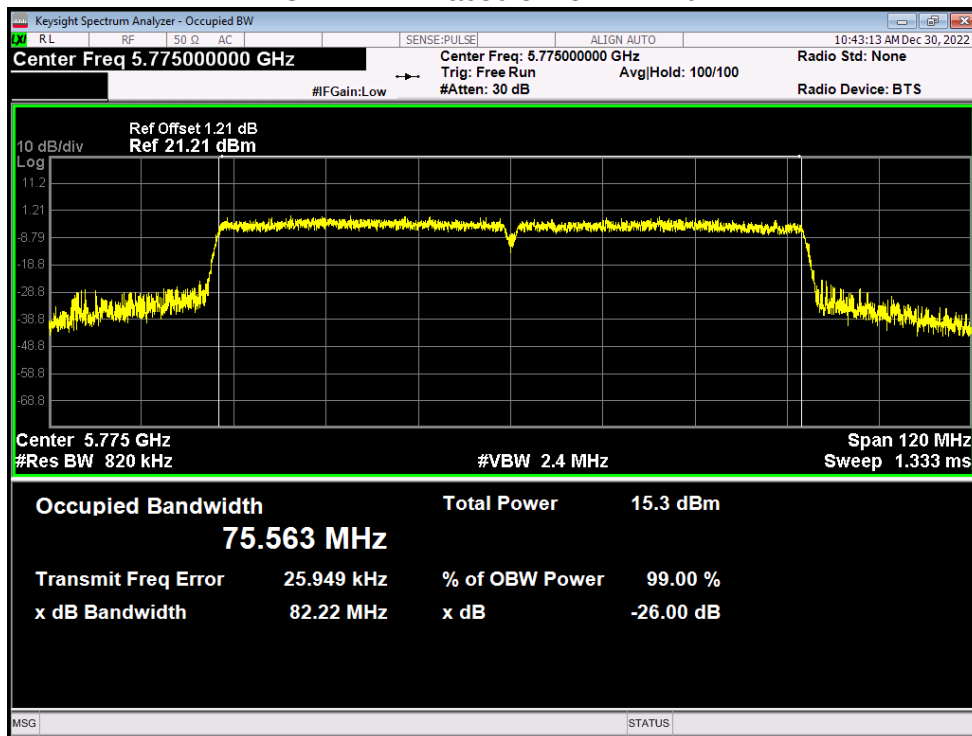
### OBW NVNT ac40 5755MHz Ant1



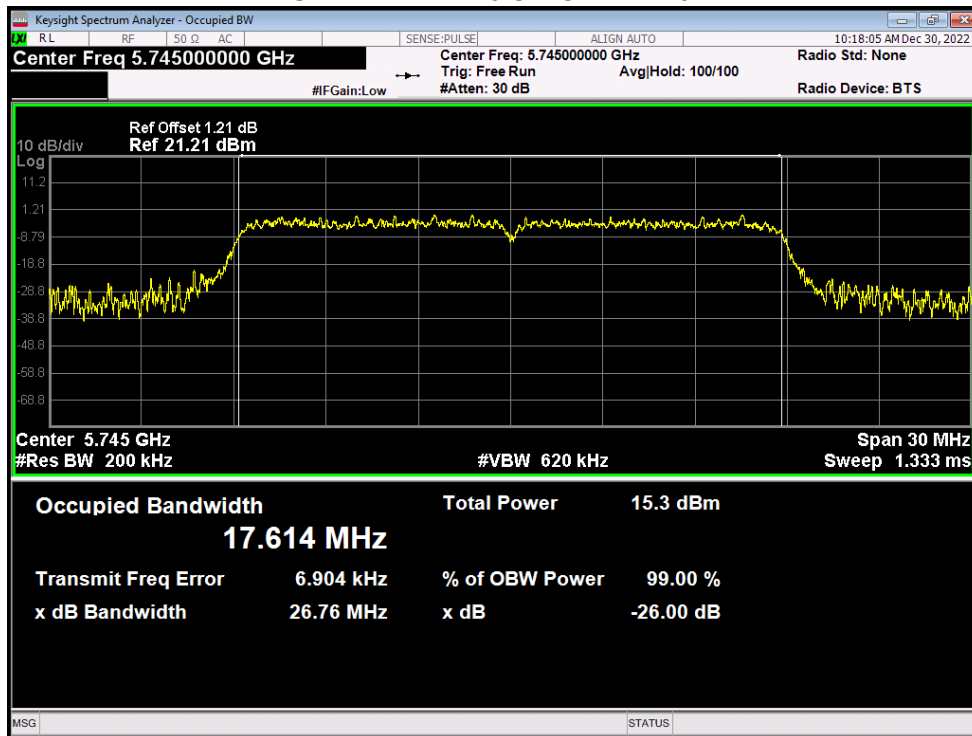
### OBW NVNT ac40 5795MHz Ant1



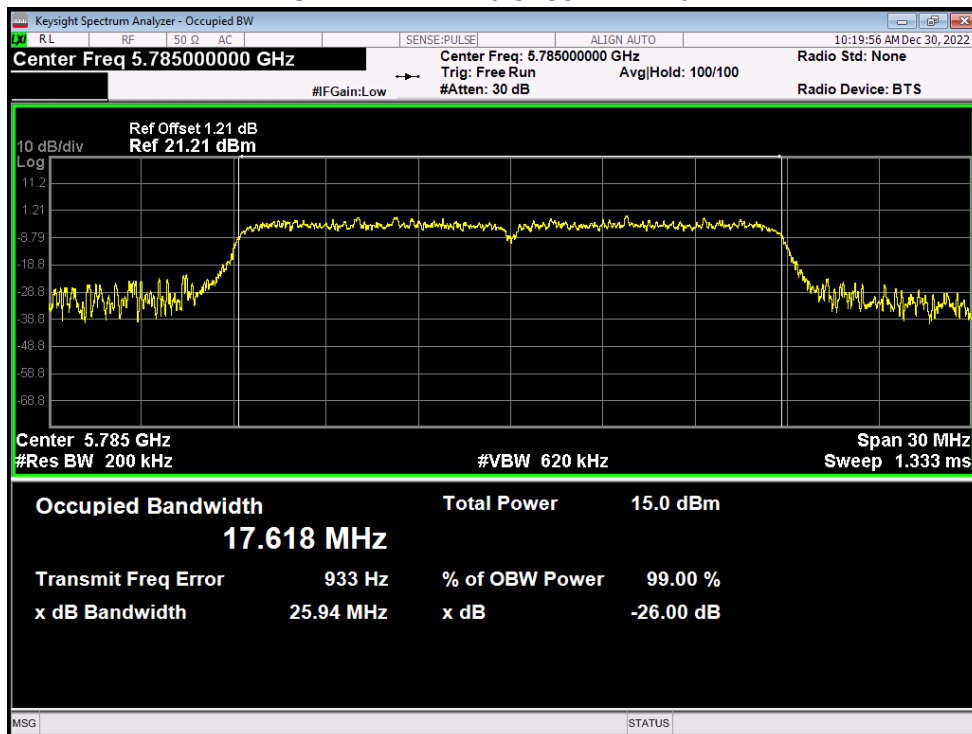
### OBW NVNT ac80 5775MHz Ant1



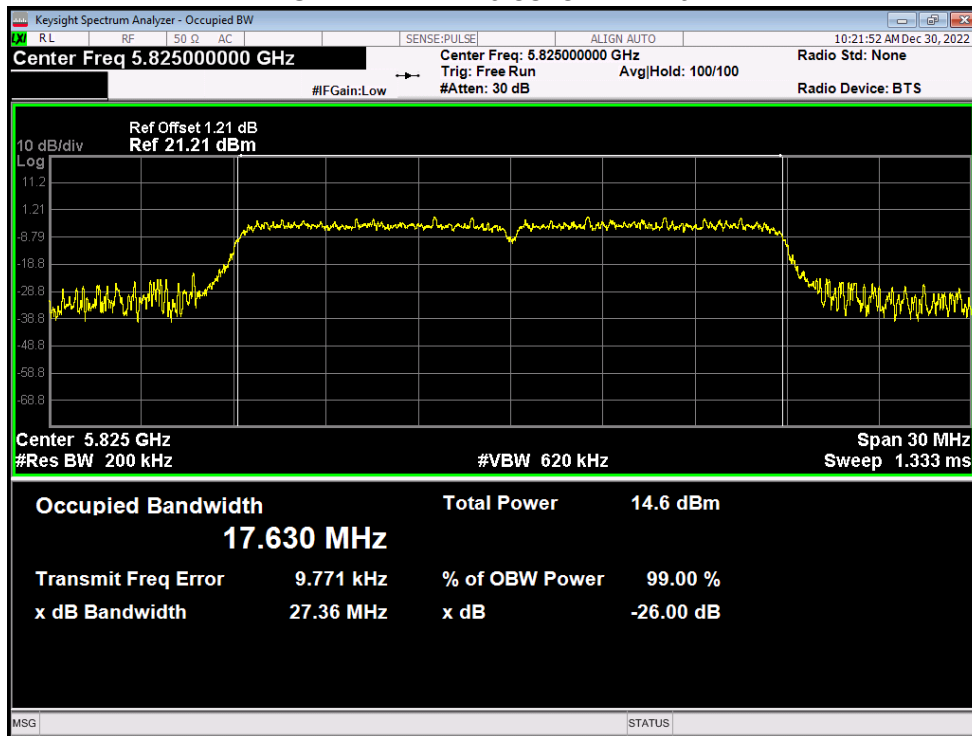
### OBW NVNT n20 5745MHz Ant1



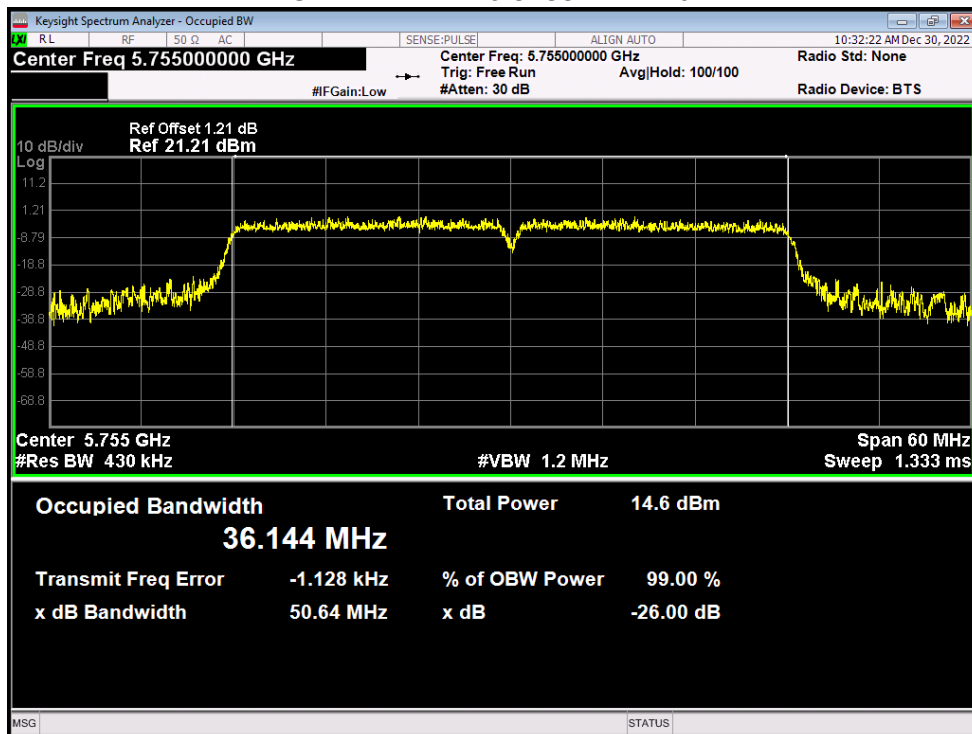
### OBW NVNT n20 5785MHz Ant1



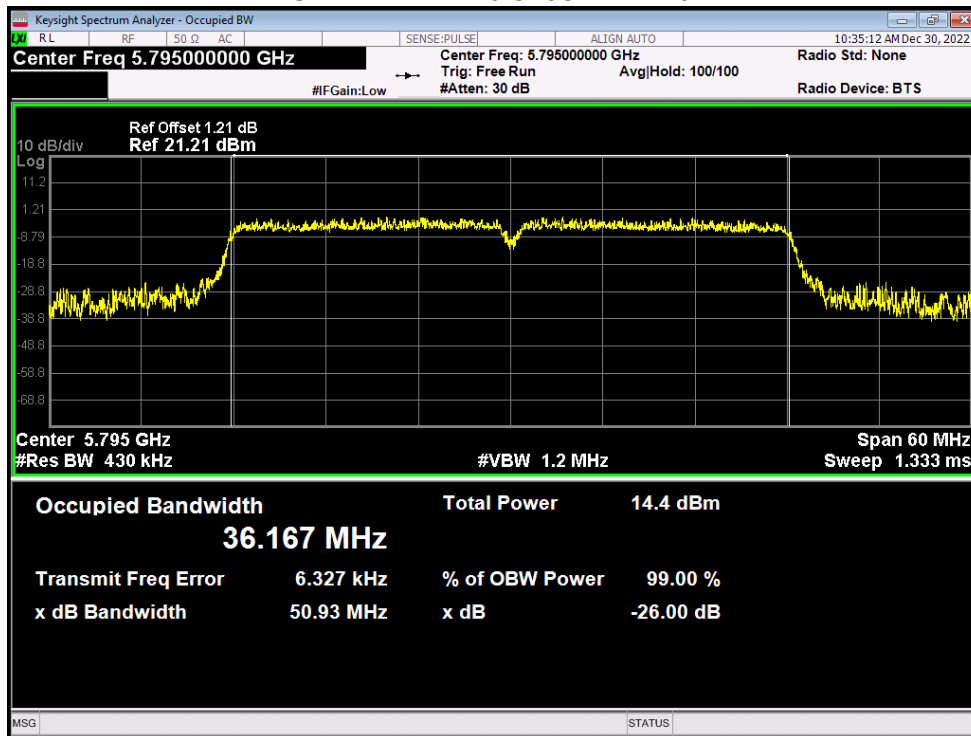
### OBW NVNT n20 5825MHz Ant1



### OBW NVNT n40 5755MHz Ant1



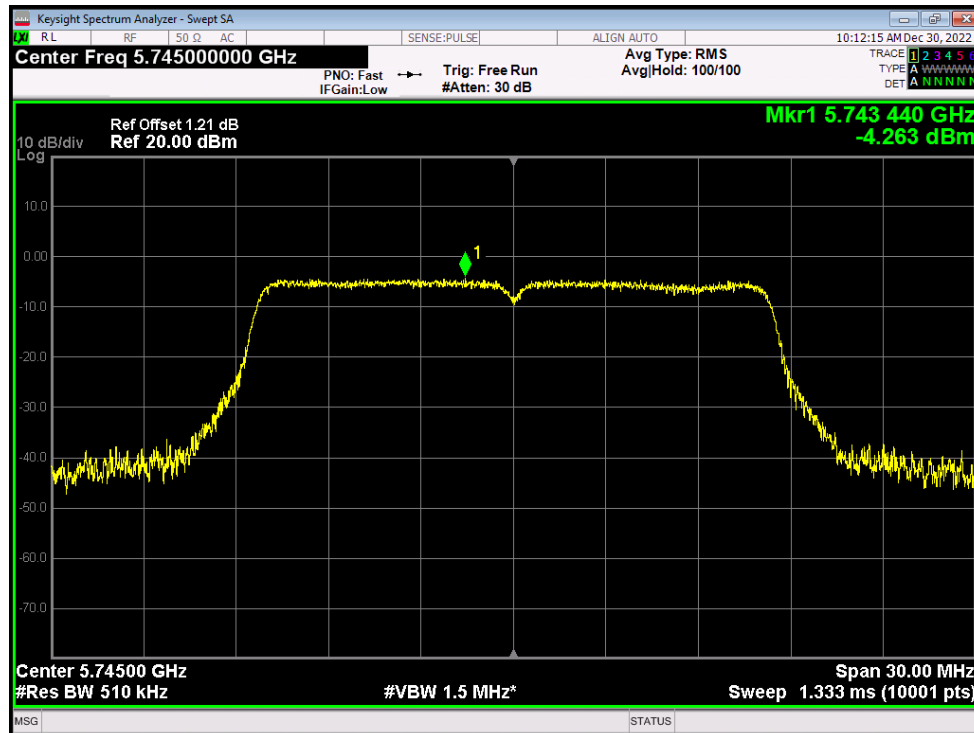
# OBW NVNT n40 5795MHz Ant1



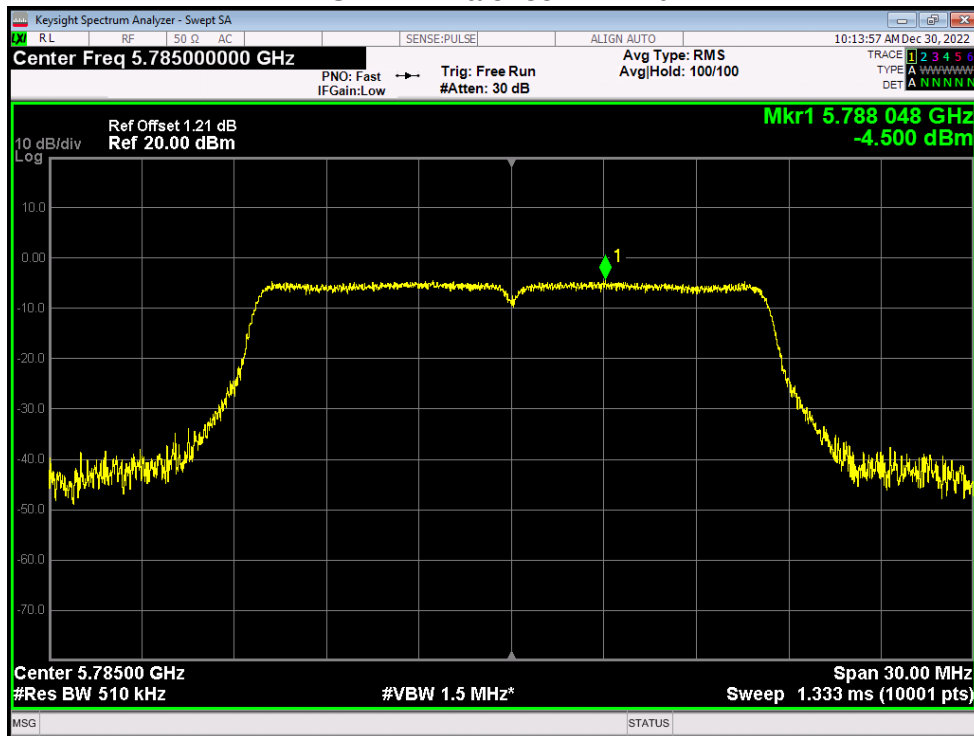
## 5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Duty Factor (dB) | Total Max PSD (dB) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|------------------|--------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -4.263        | 0.51             | -3.753             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -4.5          | 0.51             | -3.99              | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -5.062        | 0.54             | -4.522             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -4.414        | 0.66             | -3.754             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -4.948        | 0.62             | -4.328             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -5.237        | 0.61             | -4.627             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -8.631        | 1.16             | -7.471             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -9.051        | 1.14             | -7.911             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -12.221       | 2.44             | -9.781             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -4.117        | 0.59             | -3.527             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -4.993        | 0.58             | -4.413             | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -5.048        | 0.61             | -4.438             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -8.771        | 1.15             | -7.621             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -9.075        | 1.15             | -7.925             | 30          | Pass    |

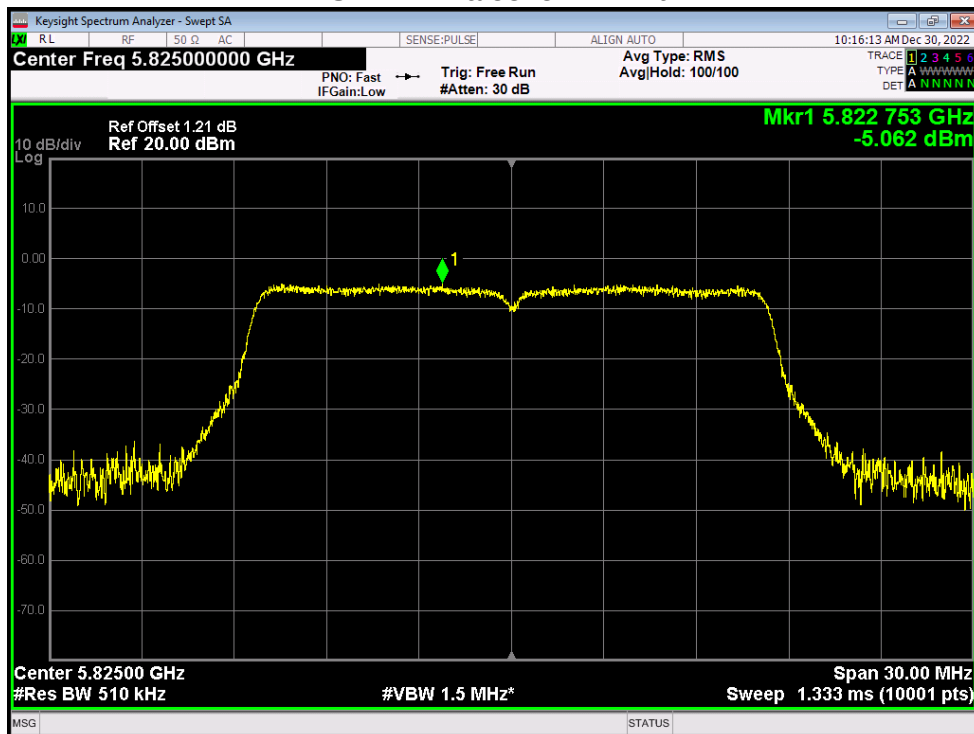
PSD NVNT a 5745MHz Ant1



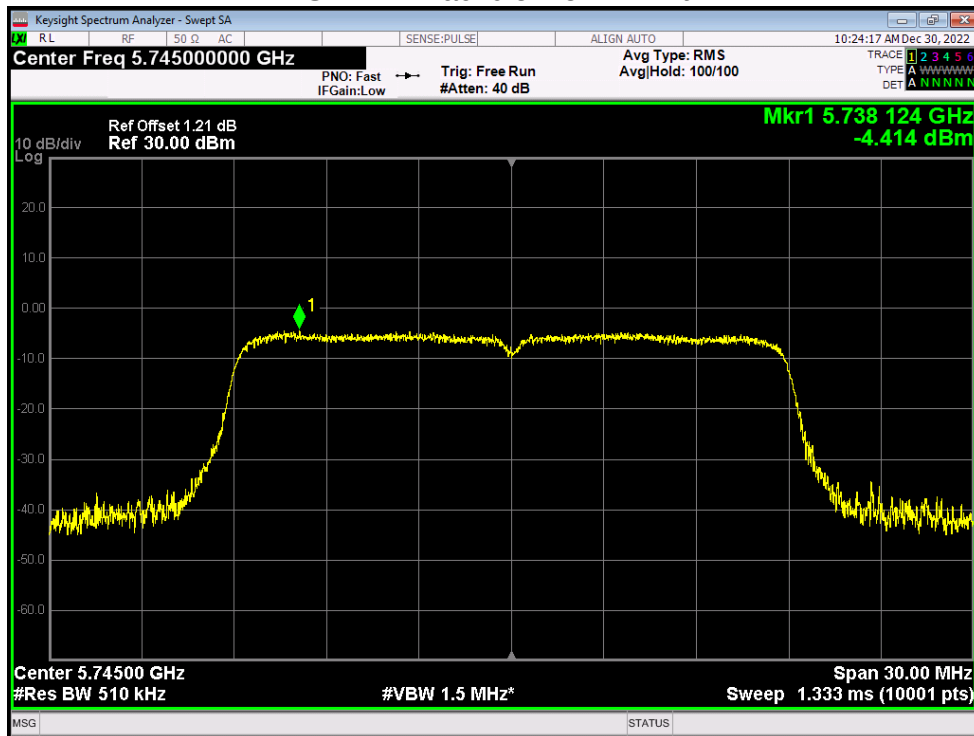
PSD NVNT a 5785MHz Ant1



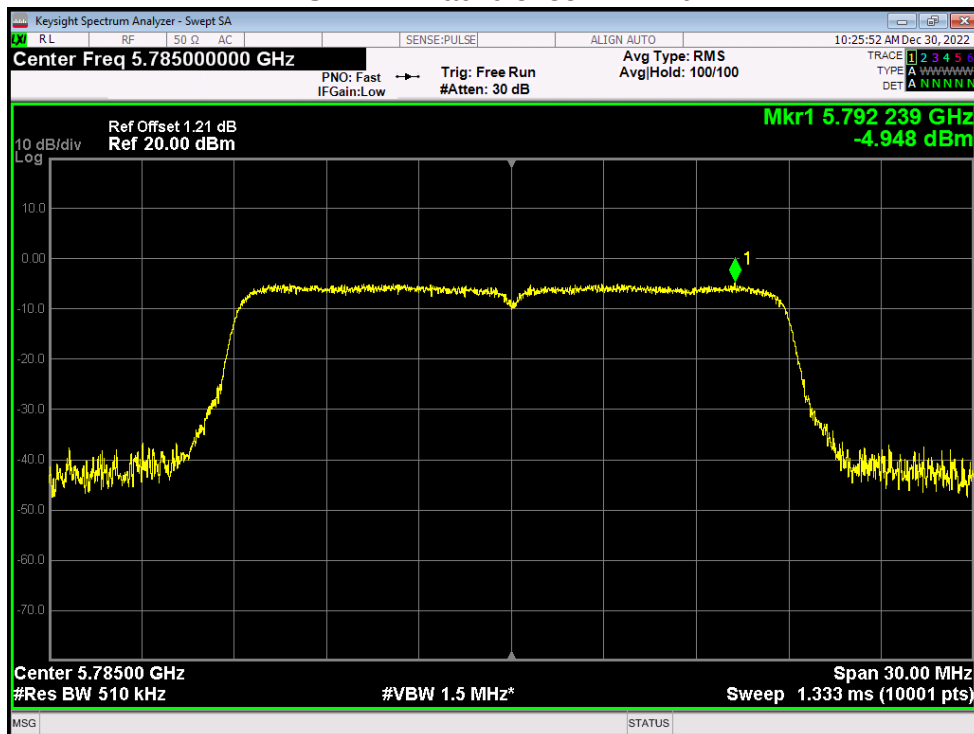
PSD NVNT a 5825MHz Ant1



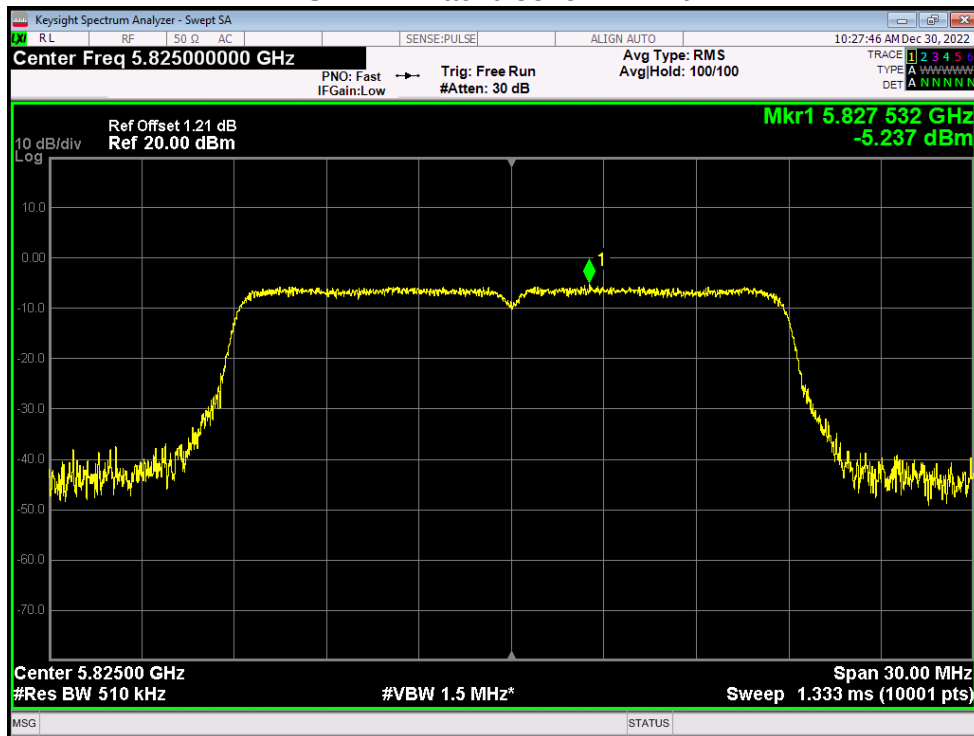
### PSD NVNT ac20 5745MHz Ant1



### PSD NVNT ac20 5785MHz Ant1



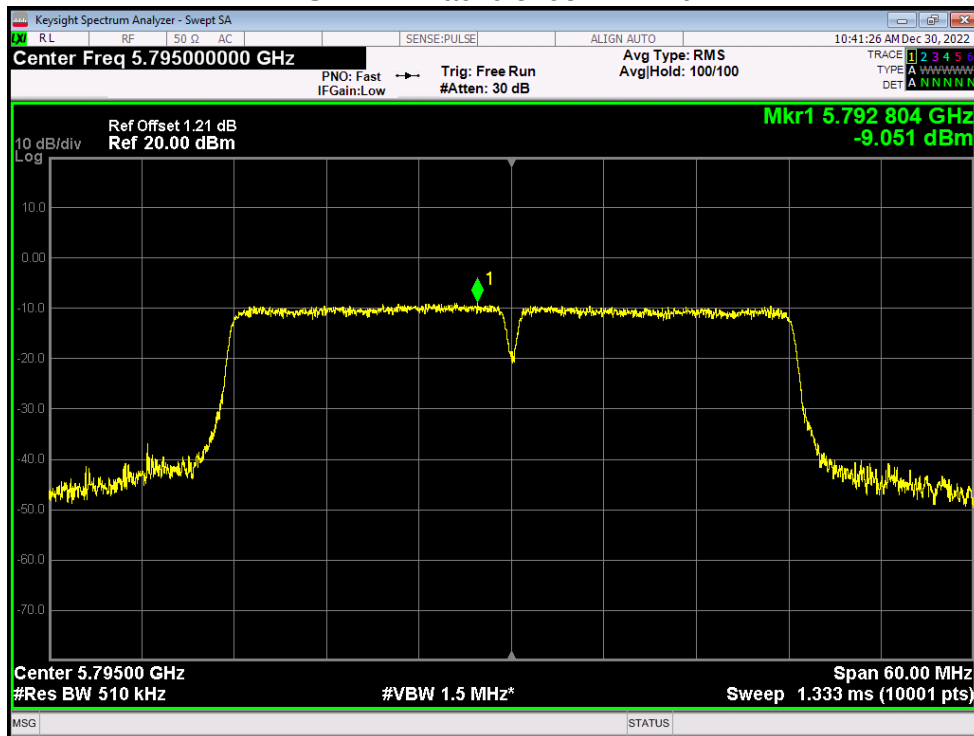
### PSD NVNT ac20 5825MHz Ant1



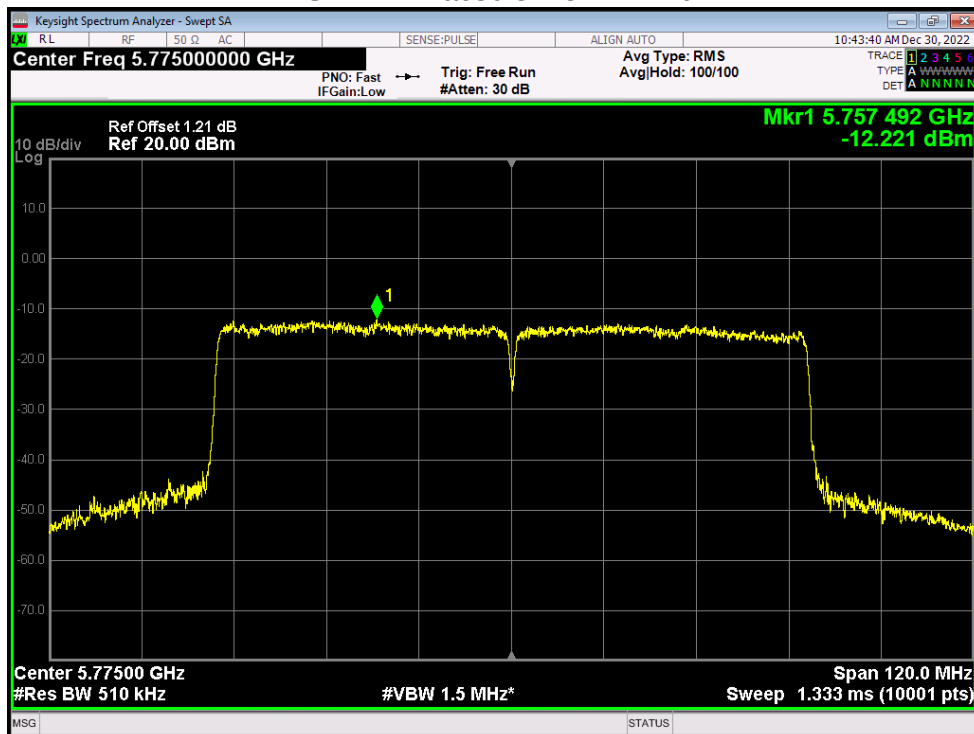
### PSD NVNT ac40 5755MHz Ant1



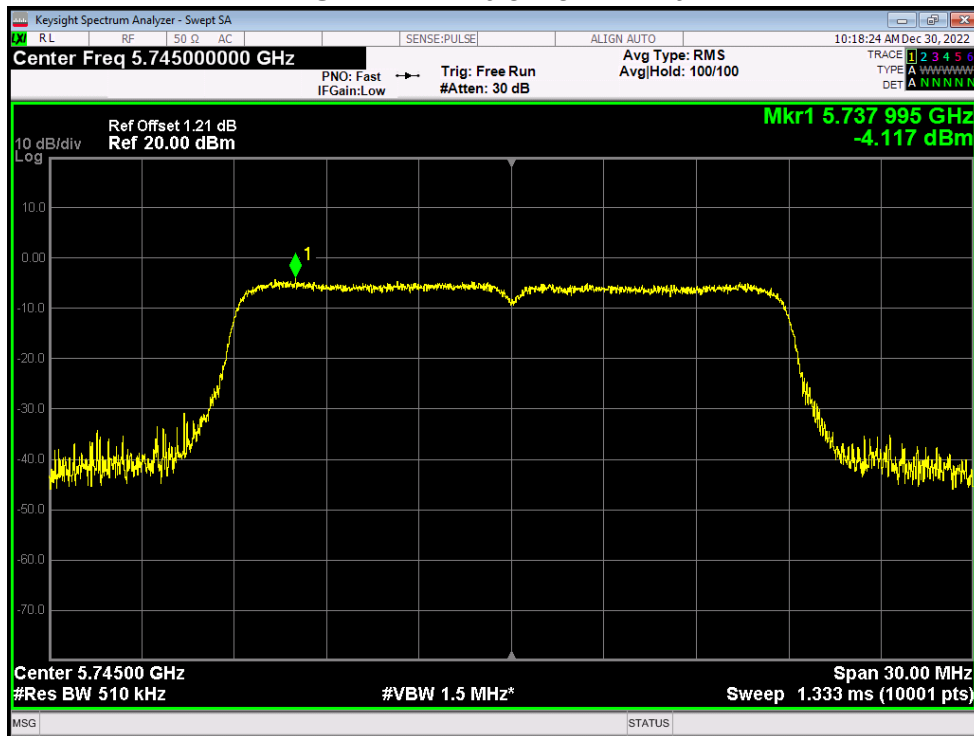
### PSD NVNT ac40 5795MHz Ant1



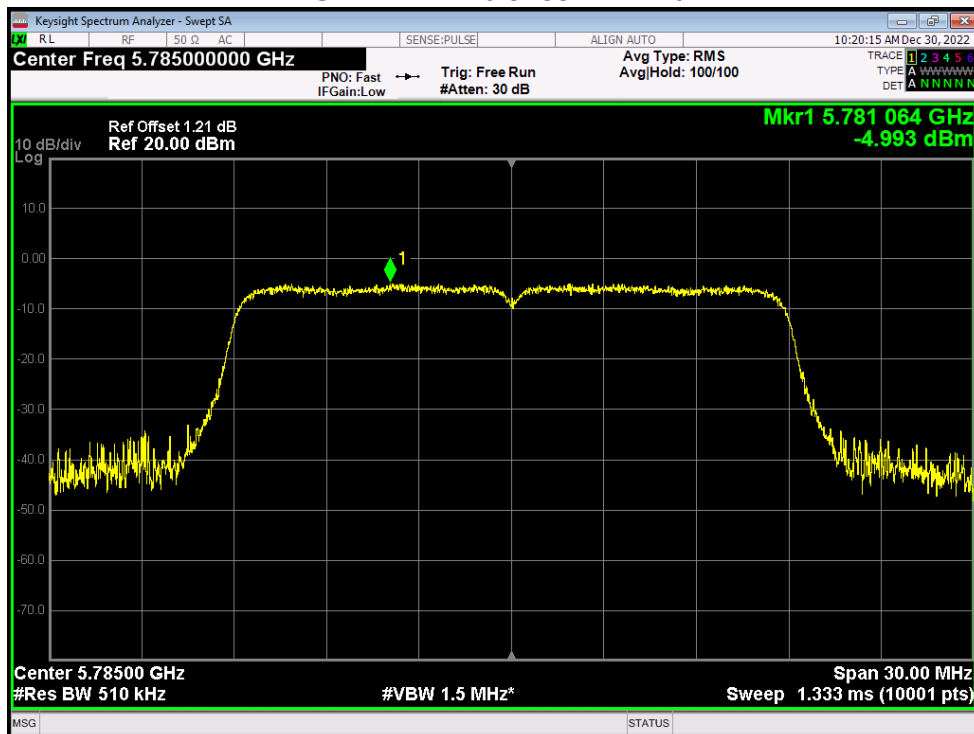
### PSD NVNT ac80 5775MHz Ant1



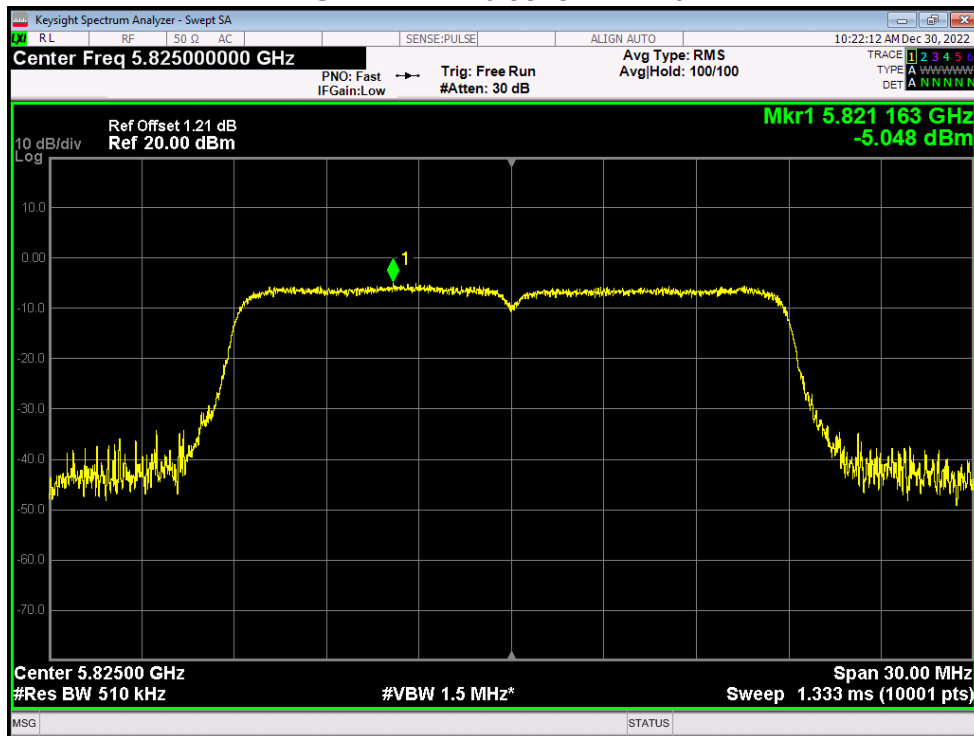
PSD NVNT n20 5745MHz Ant1



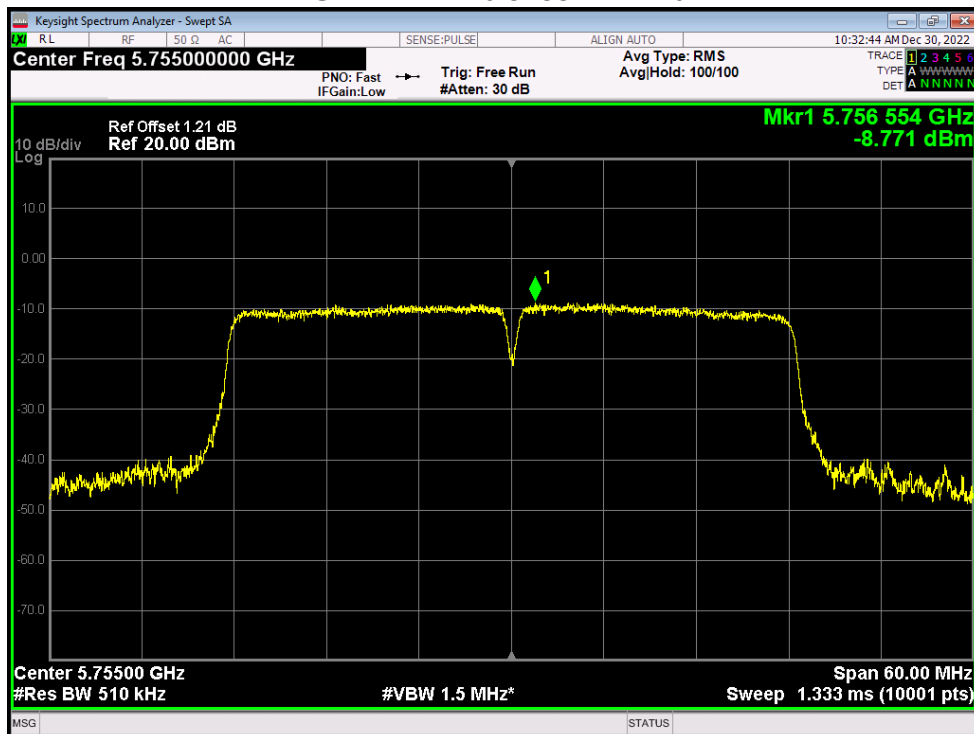
PSD NVNT n20 5785MHz Ant1



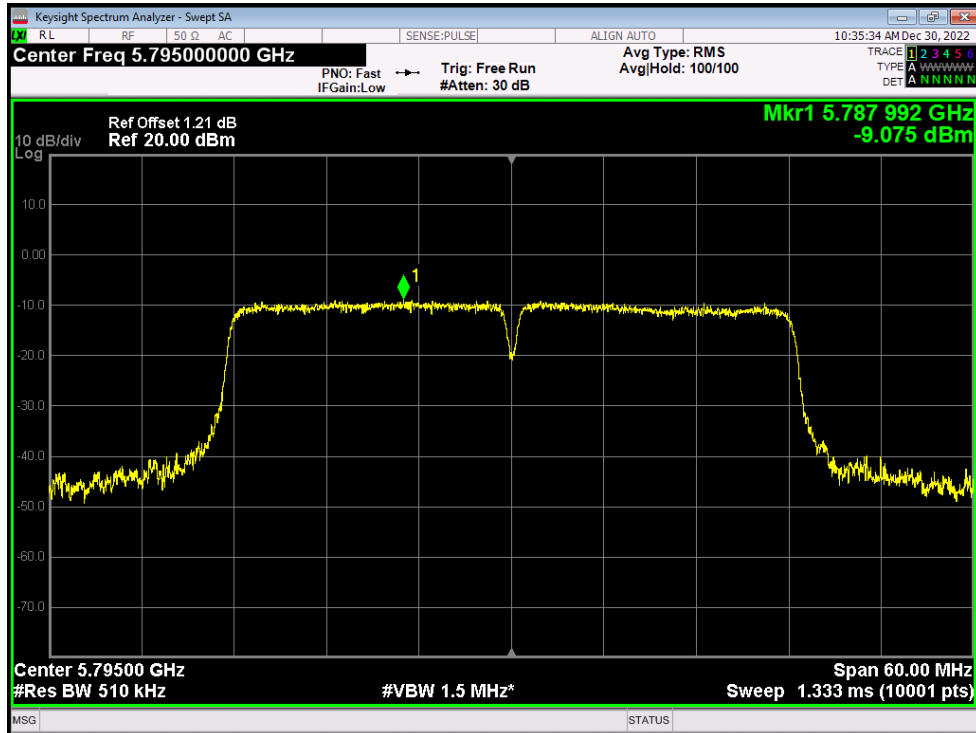
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



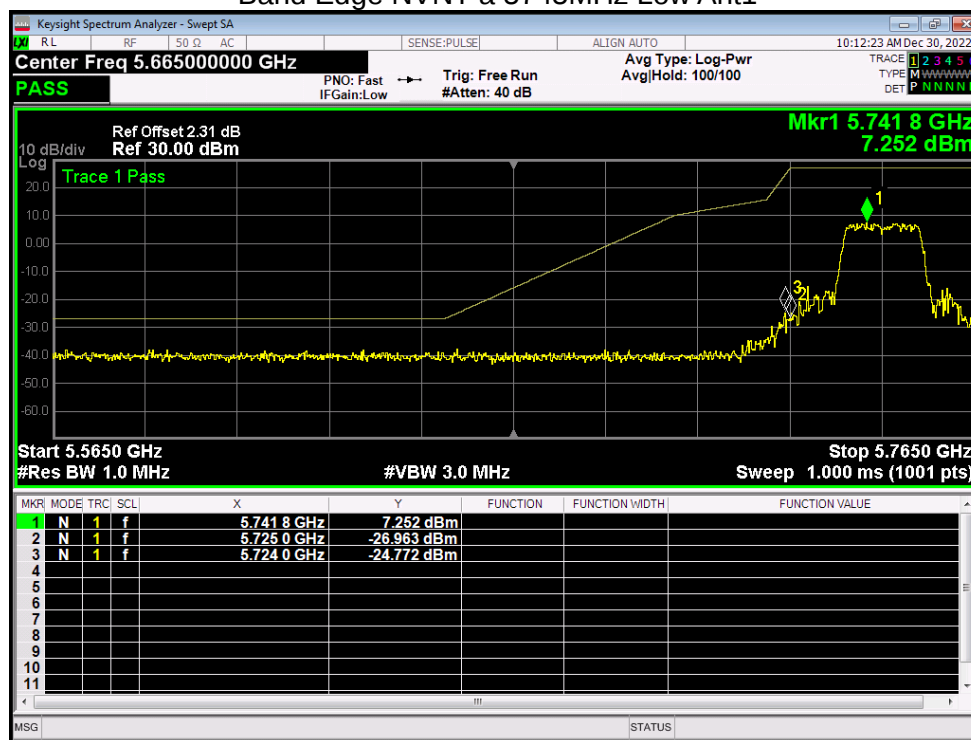
PSD NVNT n40 5795MHz Ant1



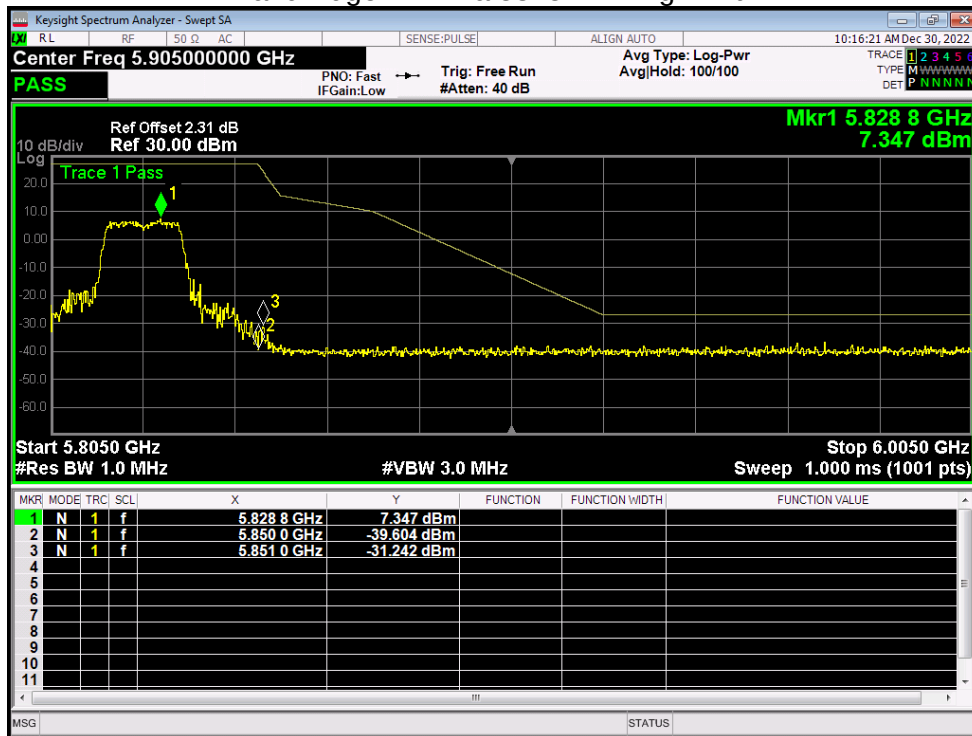
## 5.6 BAND EDGE

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -24.77          |             | Pass    |
| NVNT      | a    | 5825            | Ant1    | -31.24          |             | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -24.03          |             | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -31.44          |             | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -24.38          |             | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -37.68          |             | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -37.93          |             | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -24.68          |             | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -22.99          |             | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -30.26          |             | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -20.81          |             | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -37             |             | Pass    |

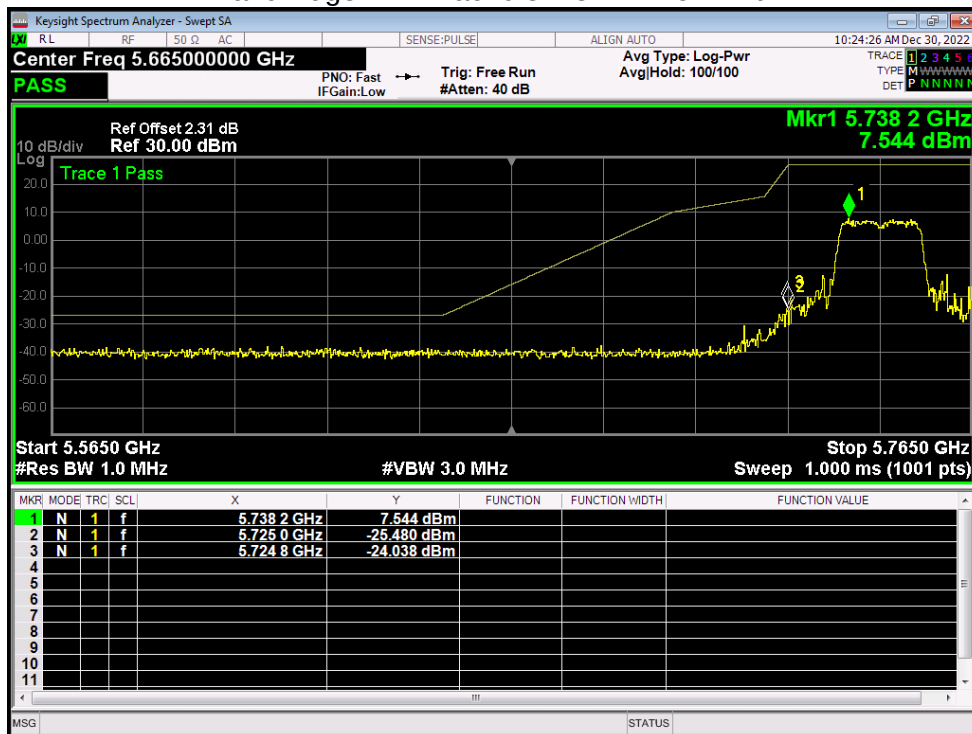
Band Edge NVNT a 5745MHz Low Ant1



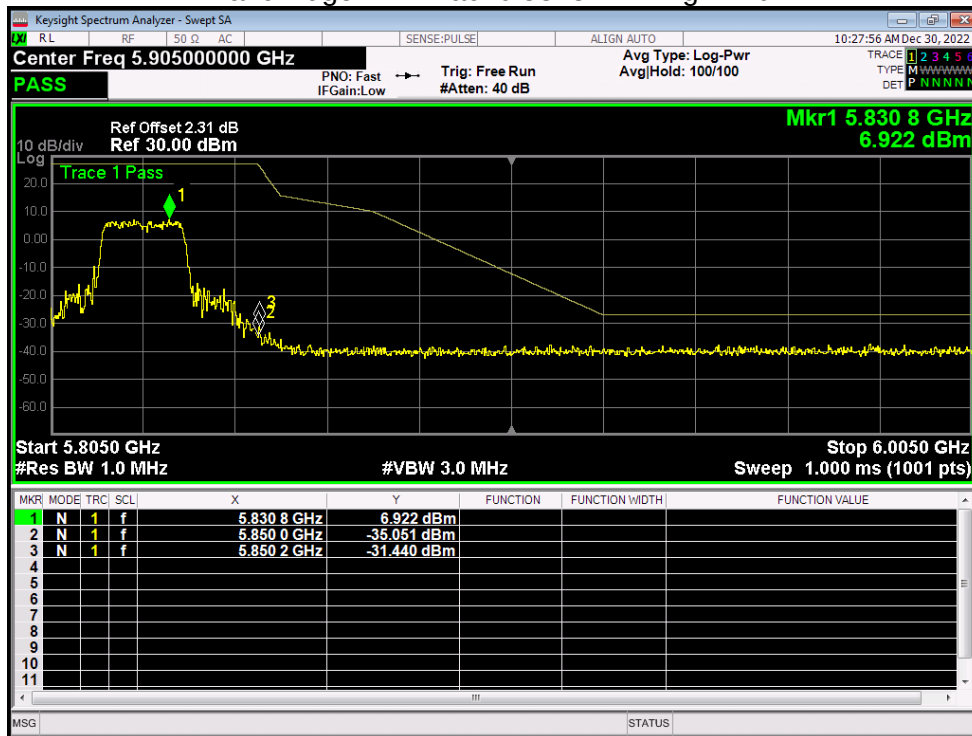
### Band Edge NVNT a 5825MHz High Ant1



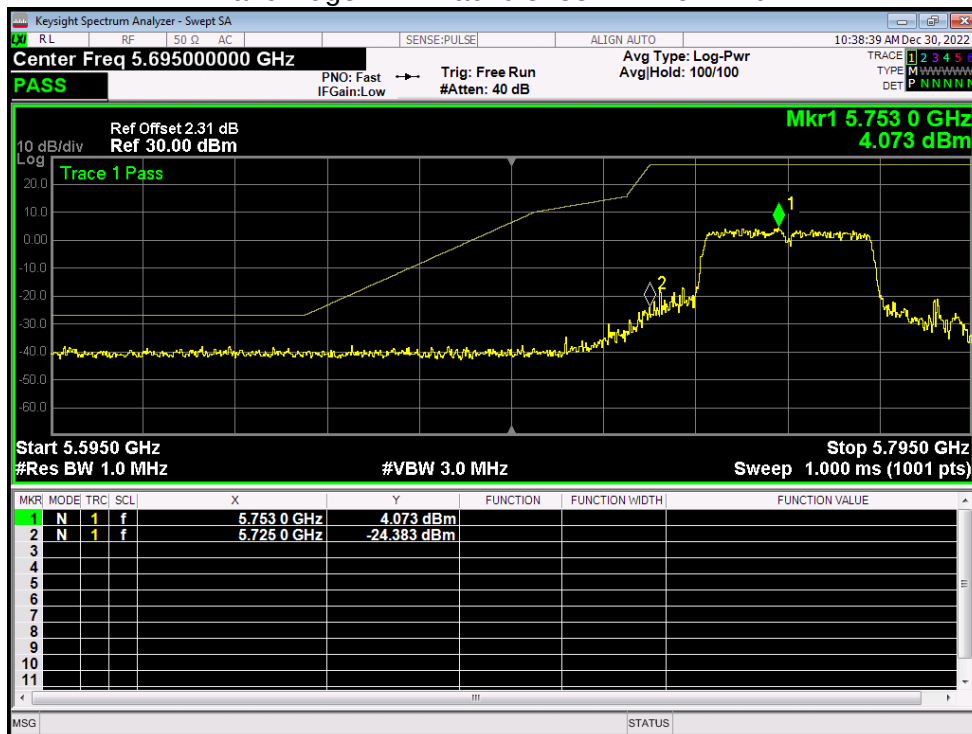
### Band Edge NVNT ac20 5745MHz Low Ant1



### Band Edge NVNT ac20 5825MHz High Ant1



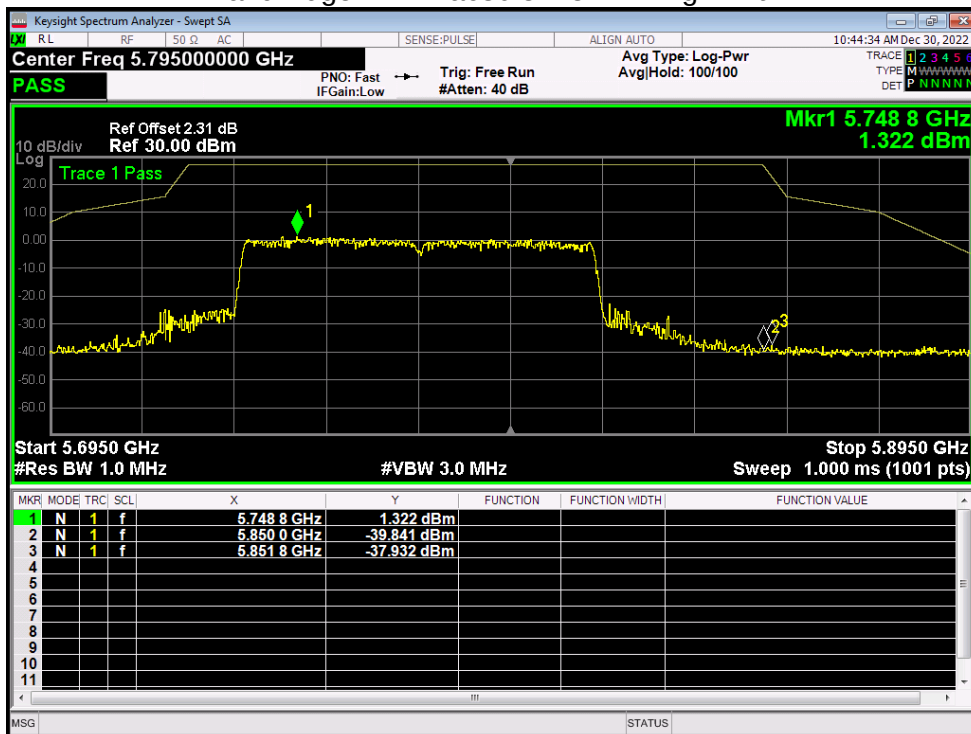
### Band Edge NVNT ac40 5755MHz Low Ant1



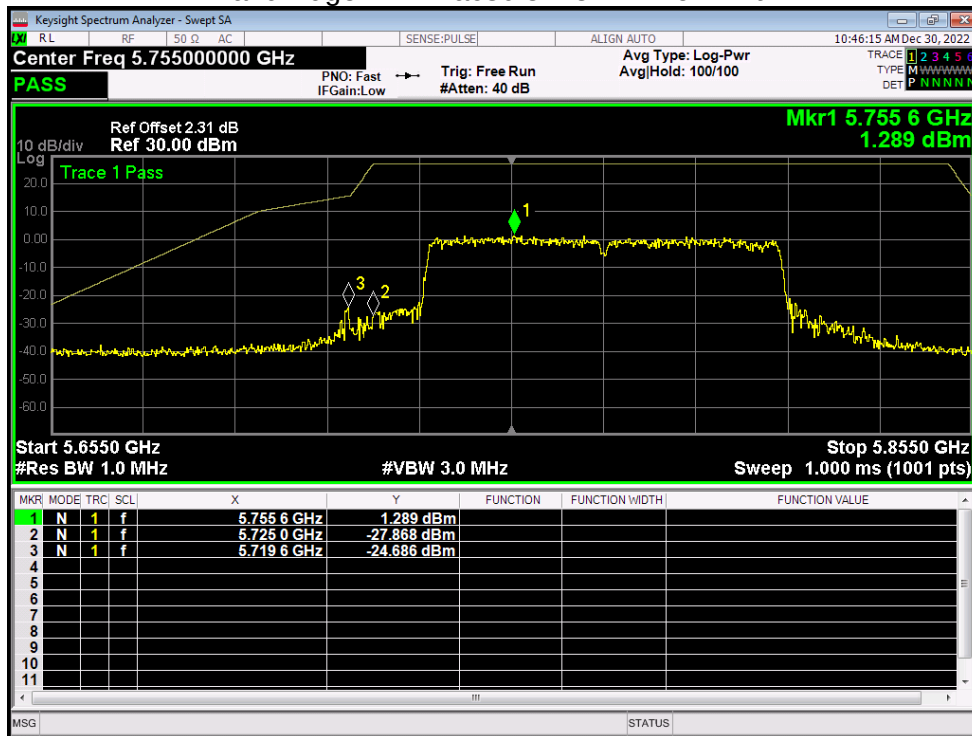
### Band Edge NVNT ac40 5795MHz High Ant1



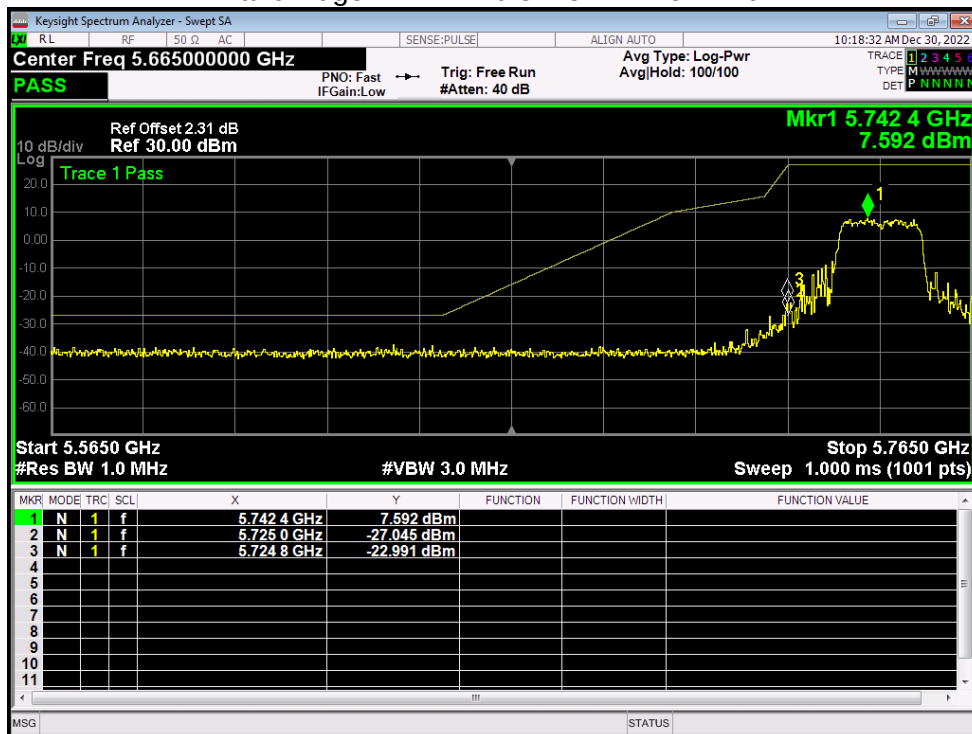
### Band Edge NVNT ac80 5775MHz High Ant1



### Band Edge NVNT ac80 5775MHz Low Ant1



### Band Edge NVNT n20 5745MHz Low Ant1



### Band Edge NVNT n20 5825MHz High Ant1



### Band Edge NVNT n40 5755MHz Low Ant1



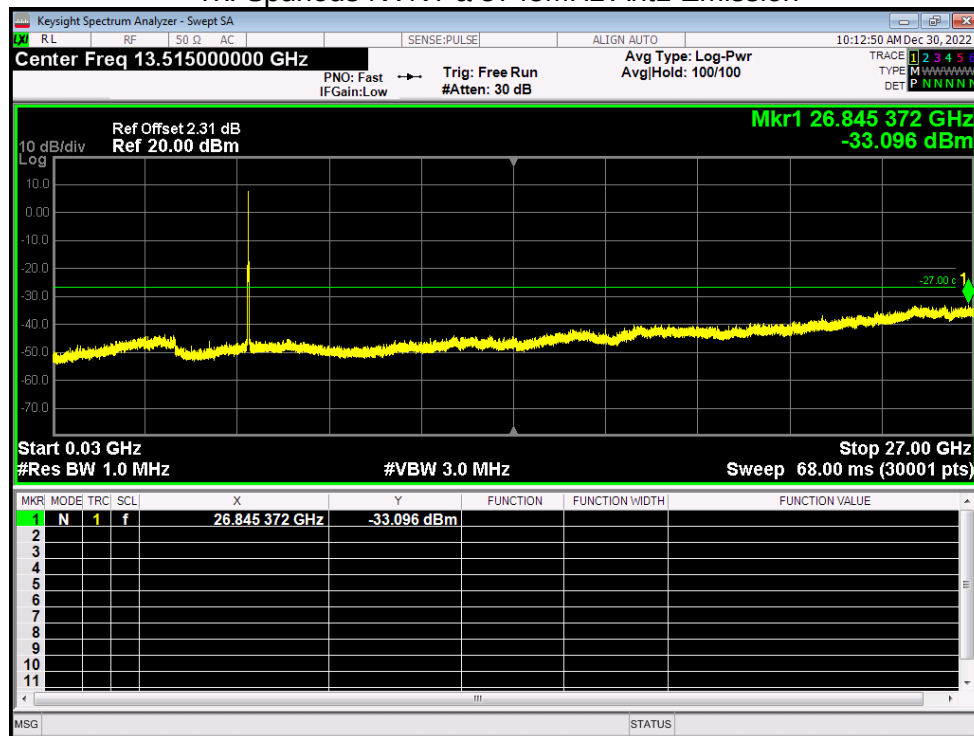
### Band Edge NVNT n40 5795MHz High Ant1



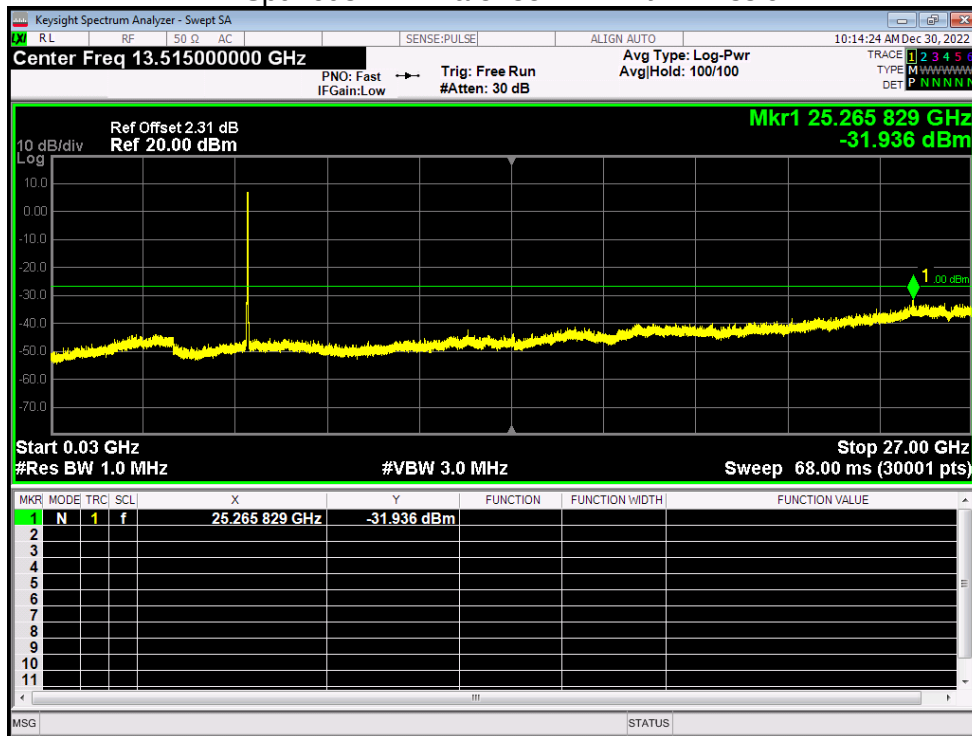
## 5.7 CONDUCTED RF SPURIOUS EMISSION

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -33.09          | -27         | Pass    |
| NVNT      | a    | 5785            | Ant1    | -31.93          | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | -32.63          | -27         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -33.02          | -27         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -31.73          | -27         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -32.49          | -27         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -32.92          | -27         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -31.91          | -27         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -32.73          | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -32.8           | -27         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -31.63          | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -32.88          | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -32             | -27         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -32.7           | -27         | Pass    |

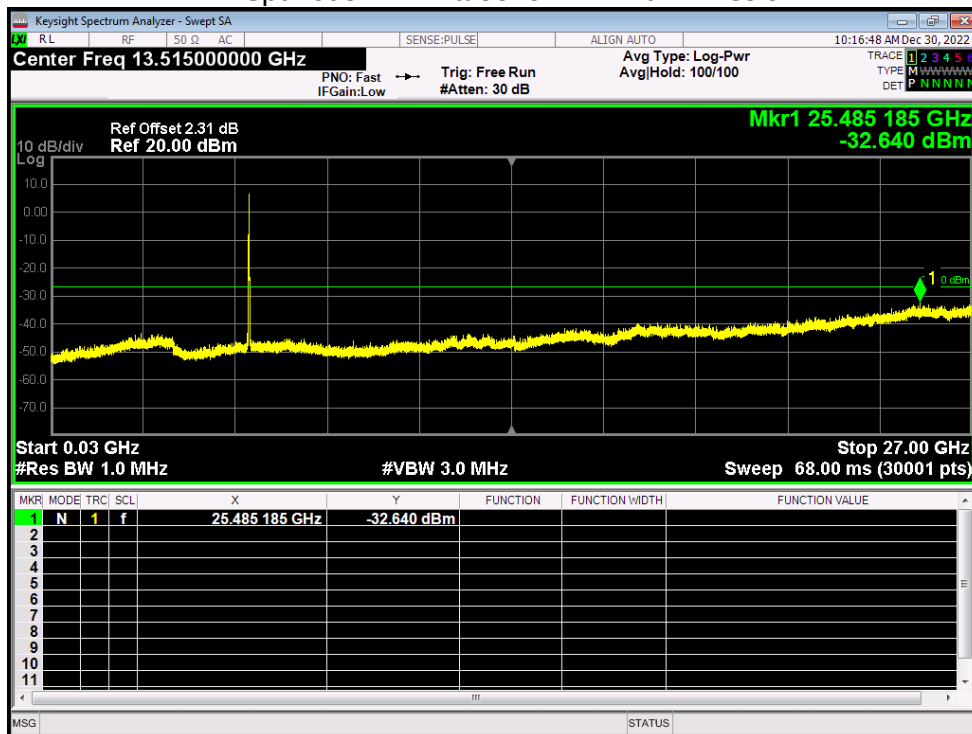
Tx. Spurious NVNT a 5745MHz Ant1 Emission



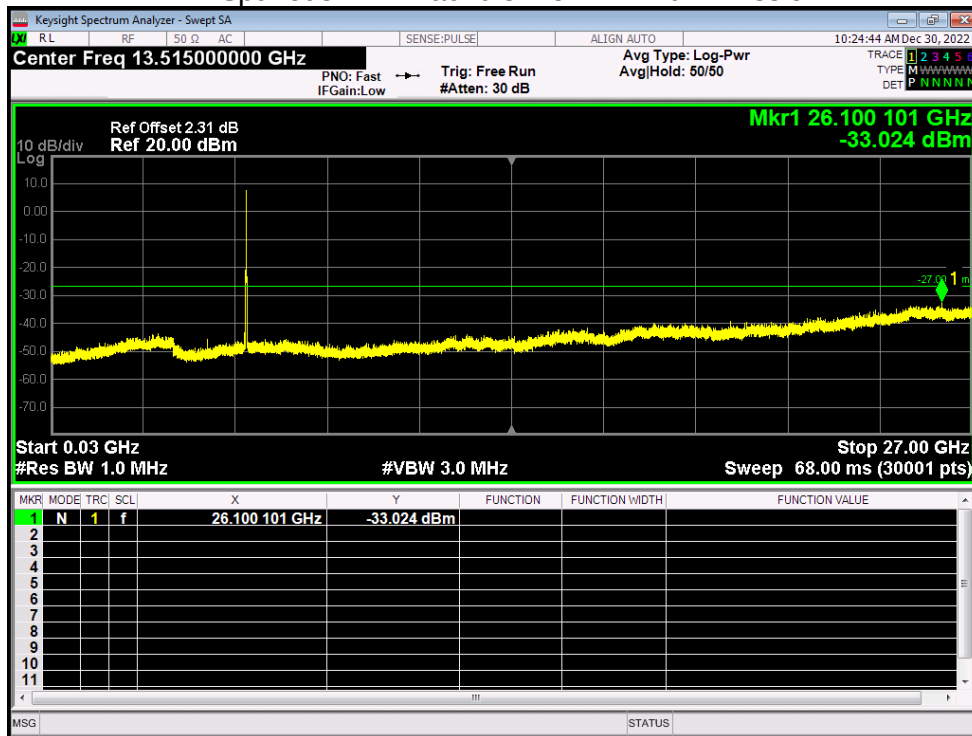
### Tx. Spurious NVNT a 5785MHz Ant1 Emission



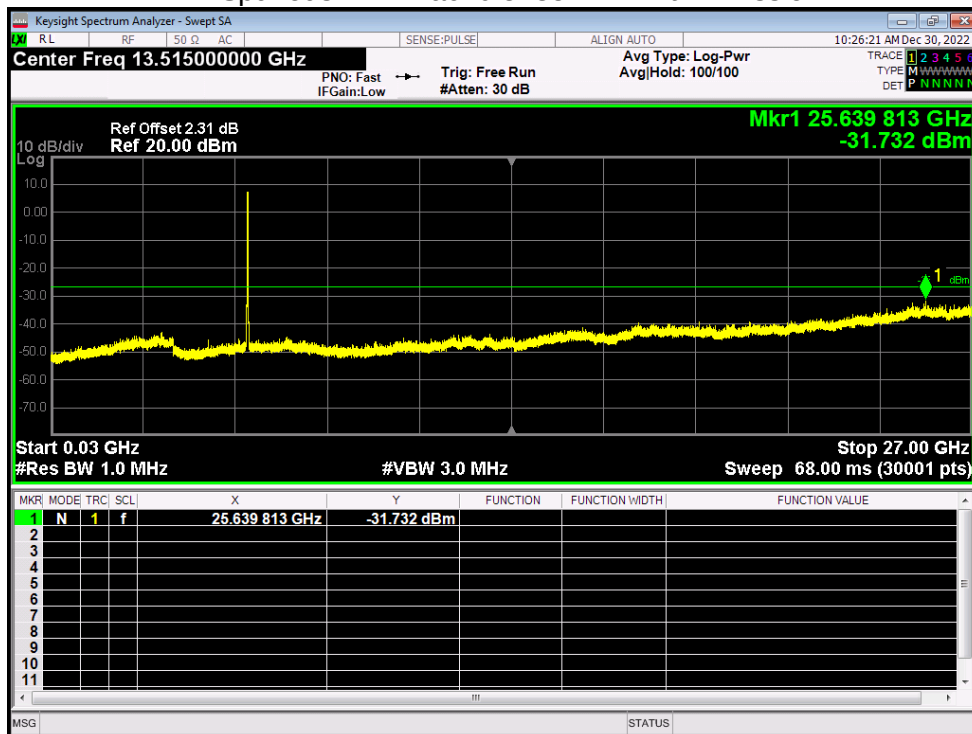
### Tx. Spurious NVNT a 5825MHz Ant1 Emission



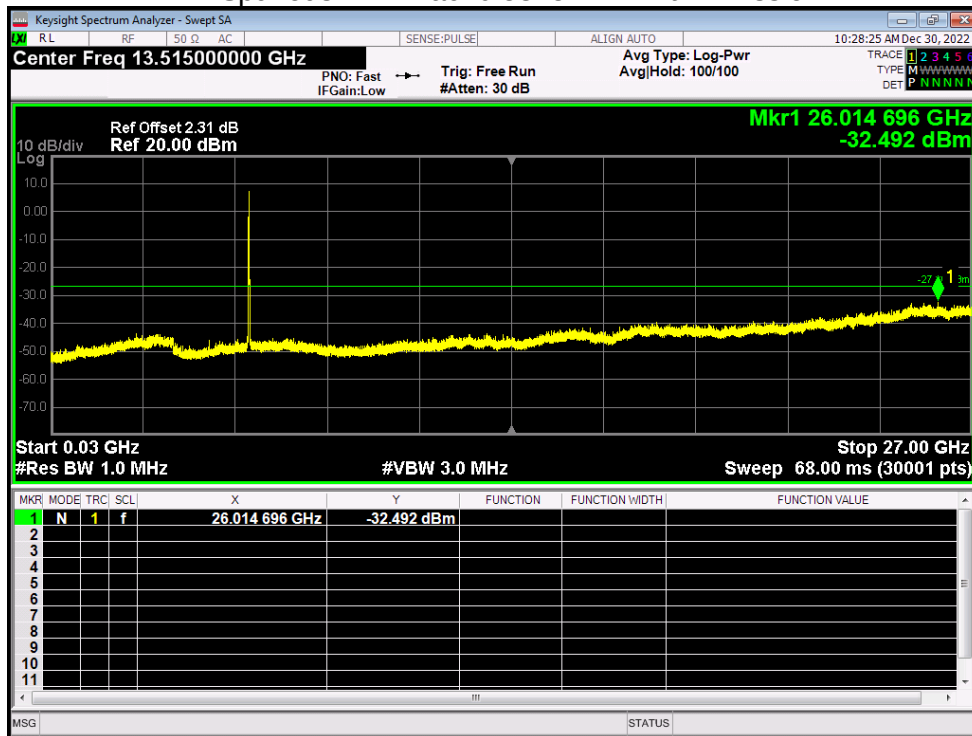
### Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



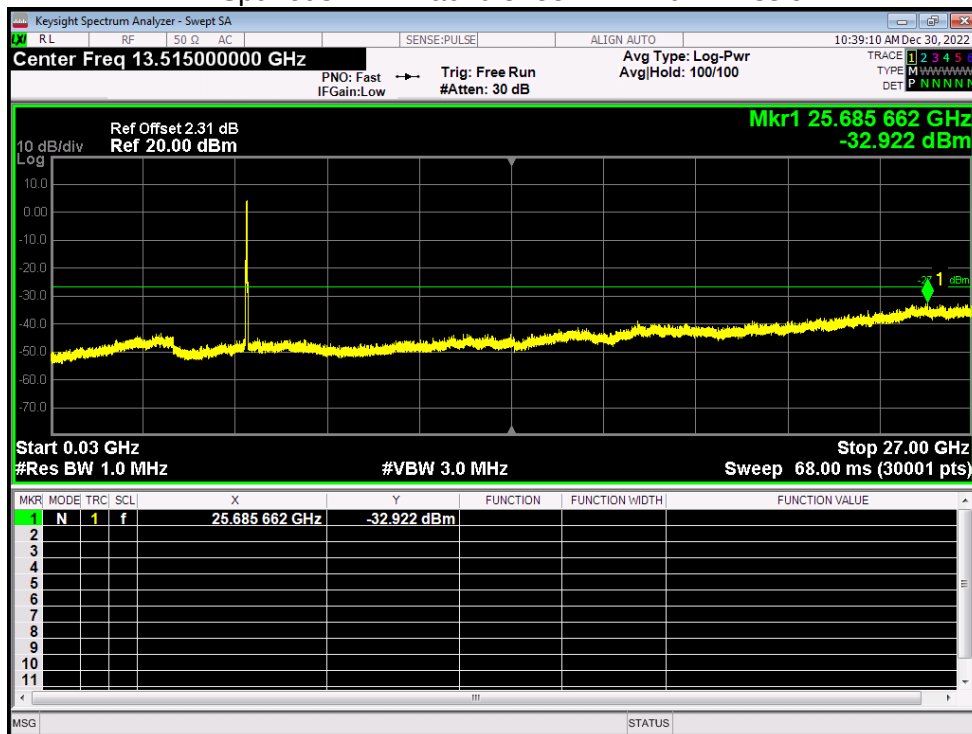
### Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



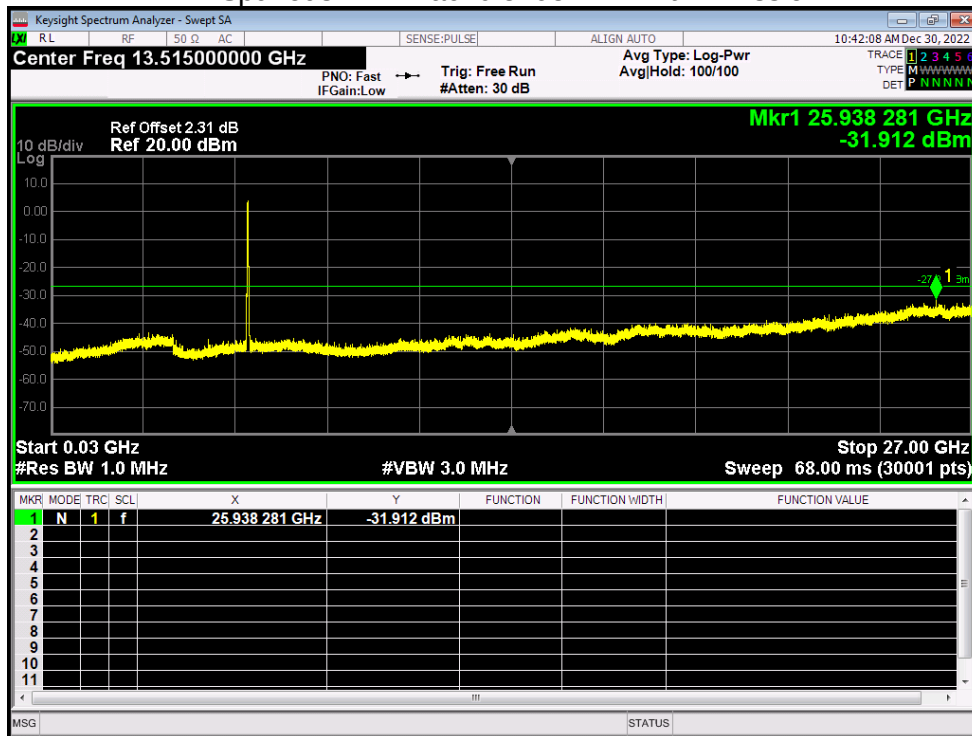
### Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



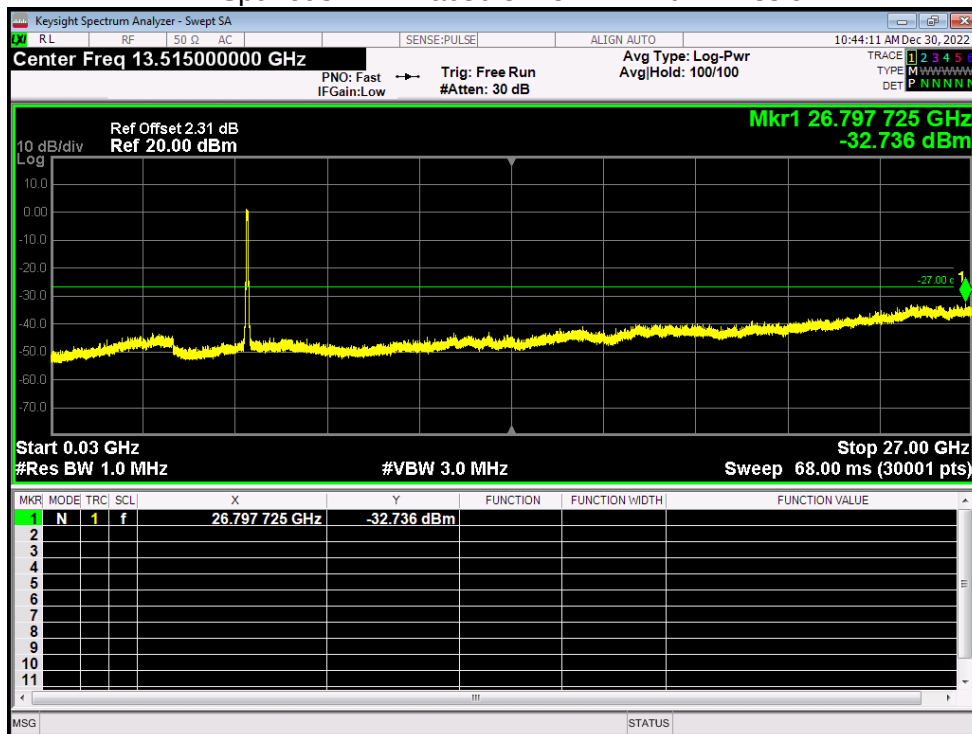
### Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



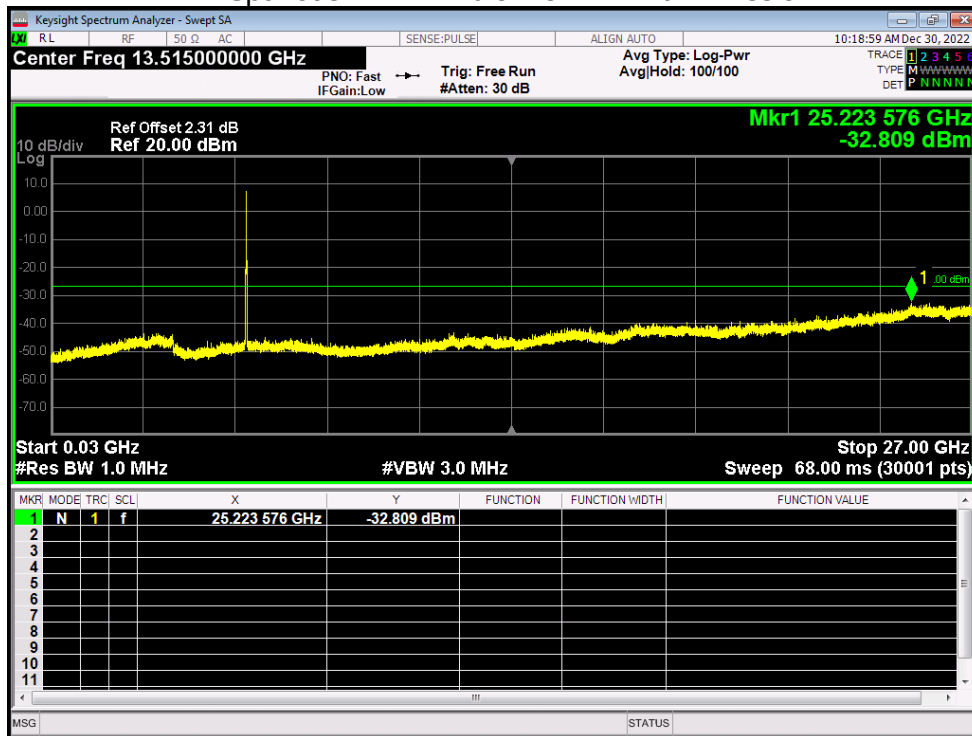
### Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



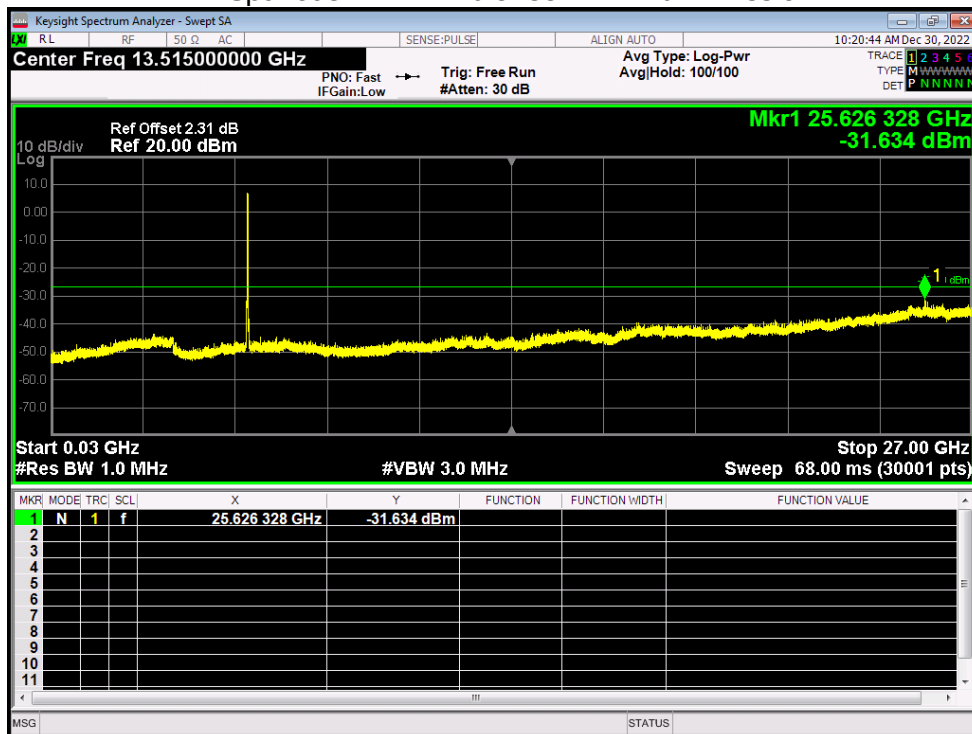
### Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



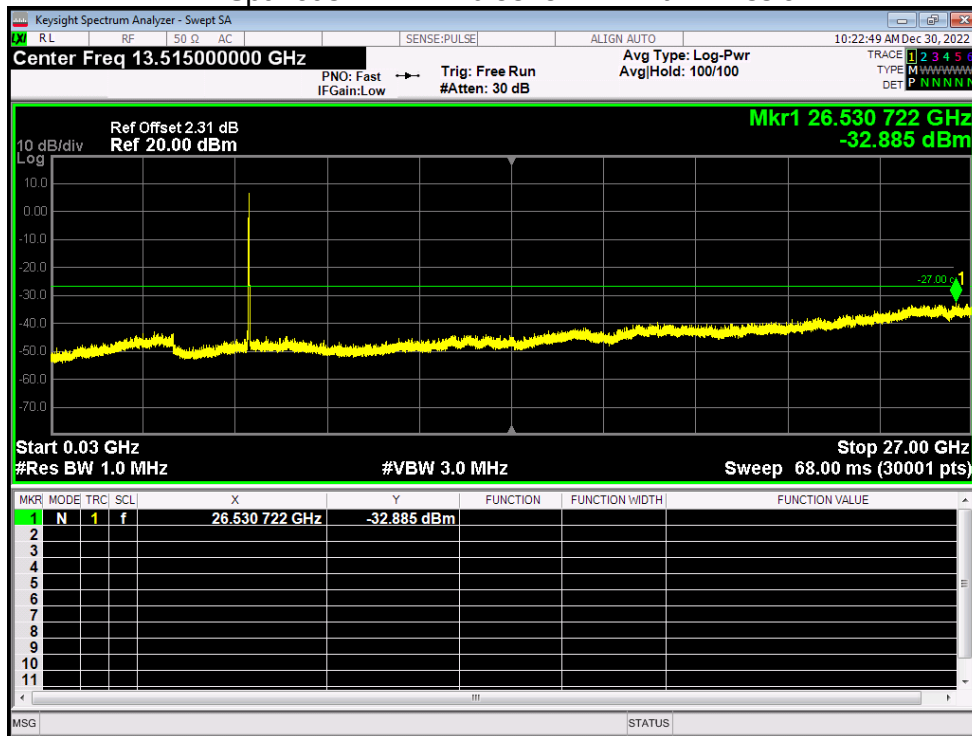
### Tx. Spurious NVNT n20 5745MHz Ant1 Emission



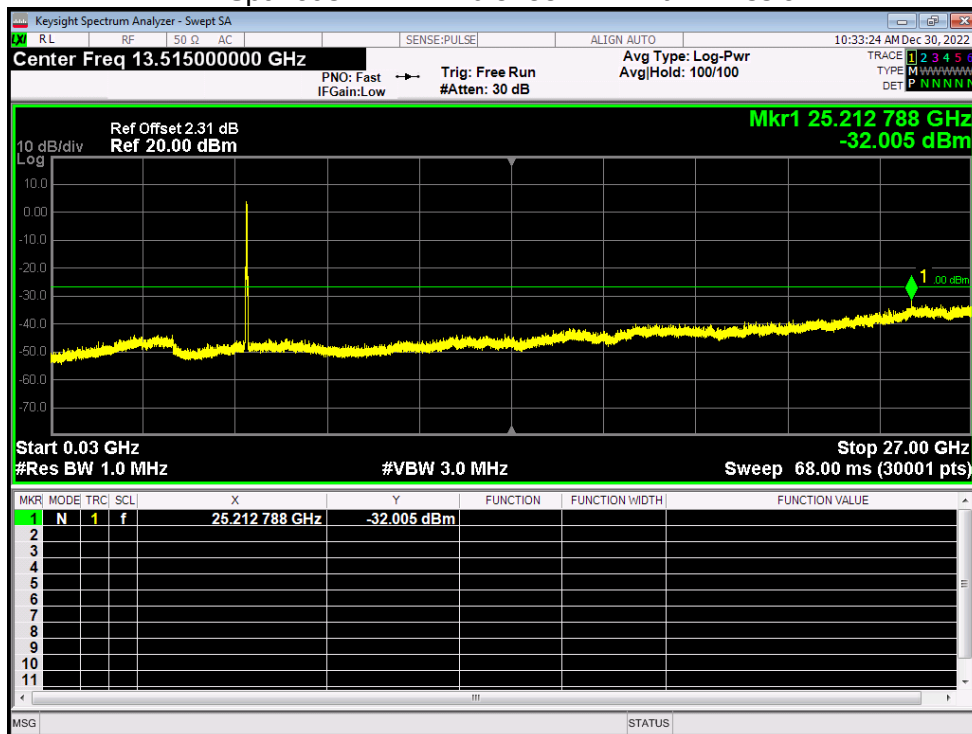
### Tx. Spurious NVNT n20 5785MHz Ant1 Emission



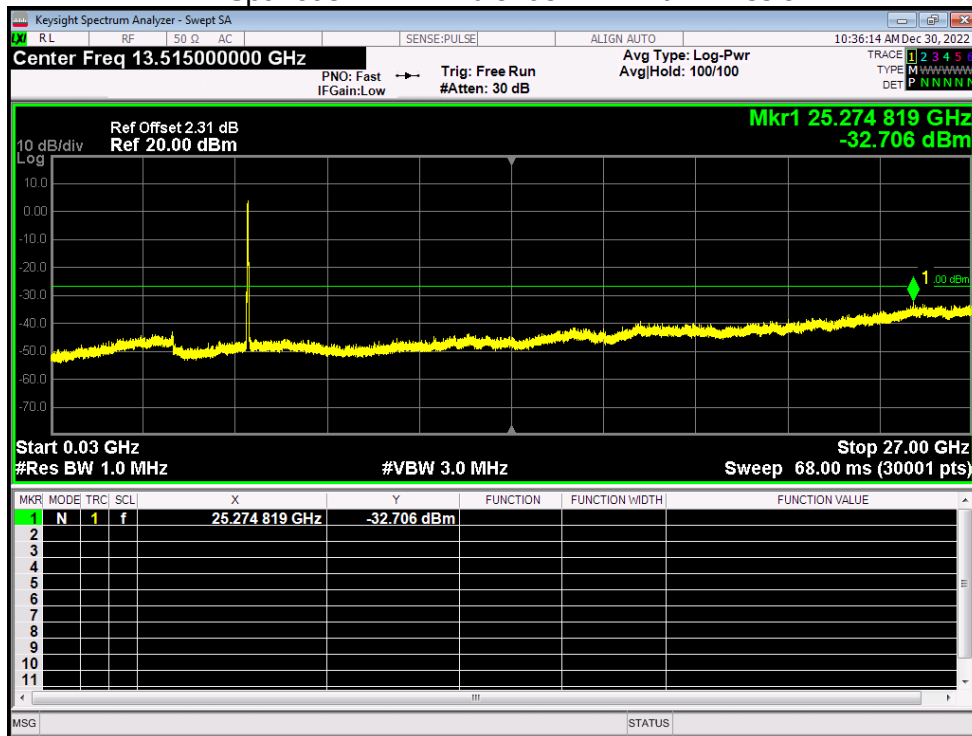
### Tx. Spurious NVNT n20 5825MHz Ant1 Emission



### Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



END OF REPORT