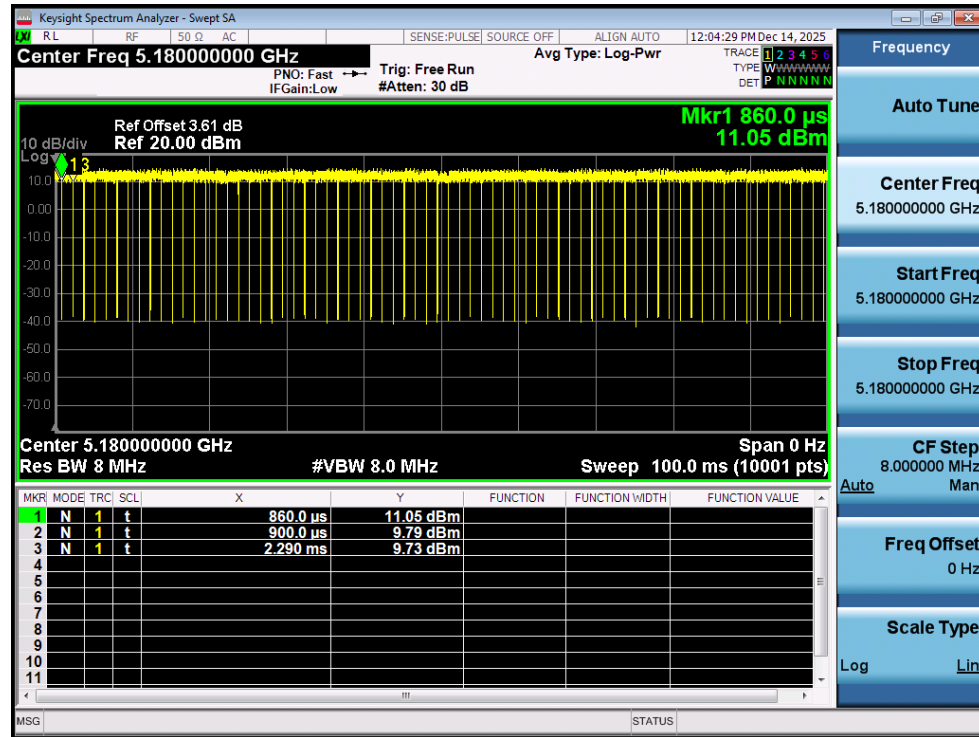


# Duty Cycle

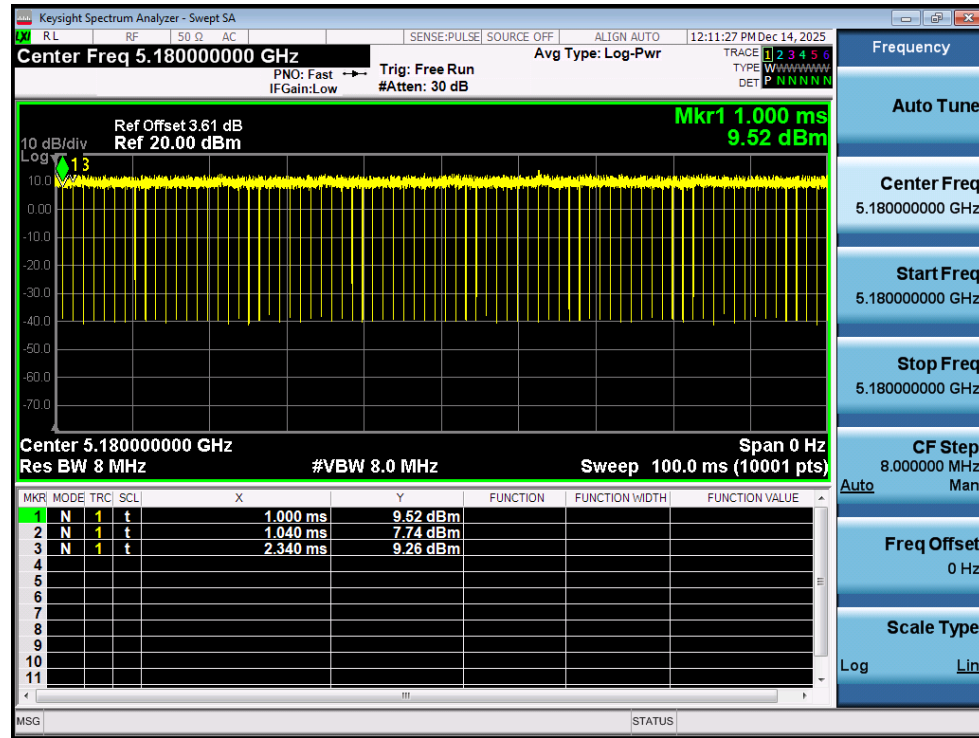
| Condition | Mode | Frequency (MHz) | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | 97.2           | 0.12                   | 0.72      |
| NVNT      | n20  | 5180            | 97.01          | 0.13                   | 0.77      |
| NVNT      | n40  | 5190            | 94.2           | 0.26                   | 1.54      |
| NVNT      | ac20 | 5180            | 97.04          | 0.13                   | 0.76      |
| NVNT      | ac40 | 5190            | 95.65          | 0.19                   | 1.52      |
| NVNT      | ac80 | 5210            | 88.89          | 0.51                   | 3.13      |

# Test Graphs

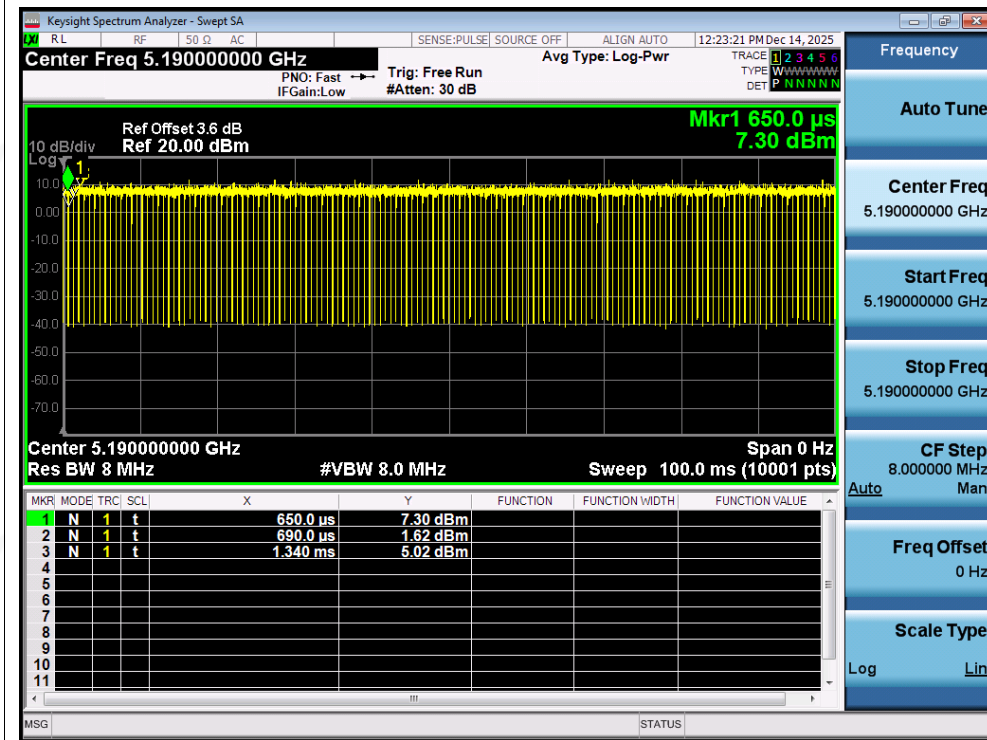
## Duty Cycle NVNT a 5180MHz



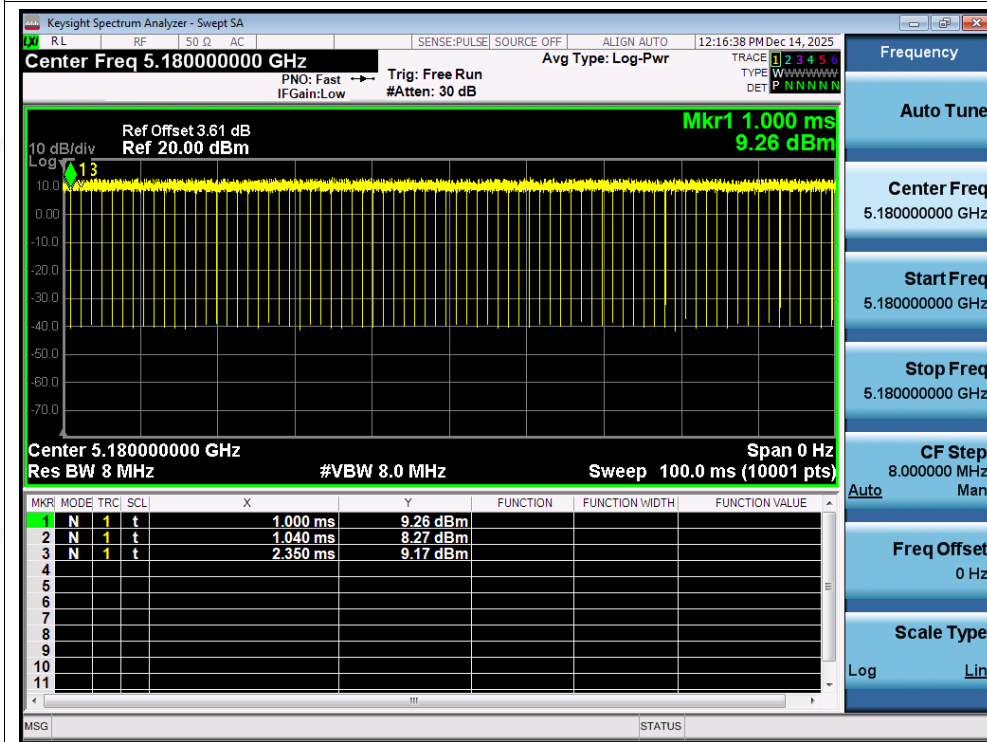
## Duty Cycle NVNT n20 5180MHz



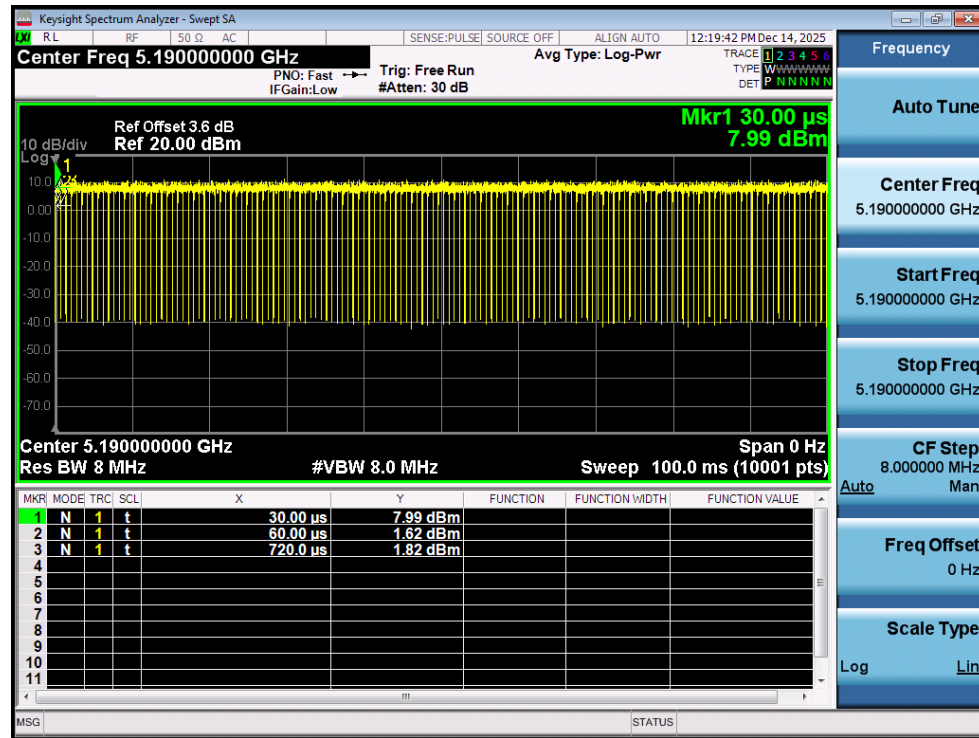
# Duty Cycle NVNT n40 5190MHz



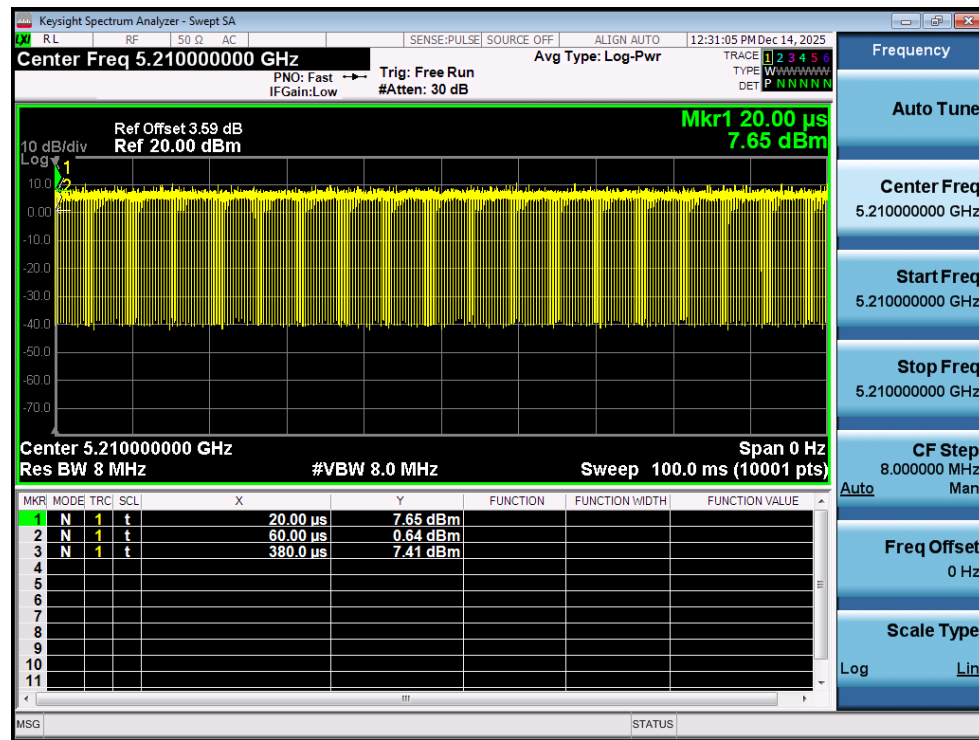
# Duty Cycle NVNT ac20 5180MHz



# Duty Cycle NVNT ac40 5190MHz



# Duty Cycle NVNT ac80 5210MHz

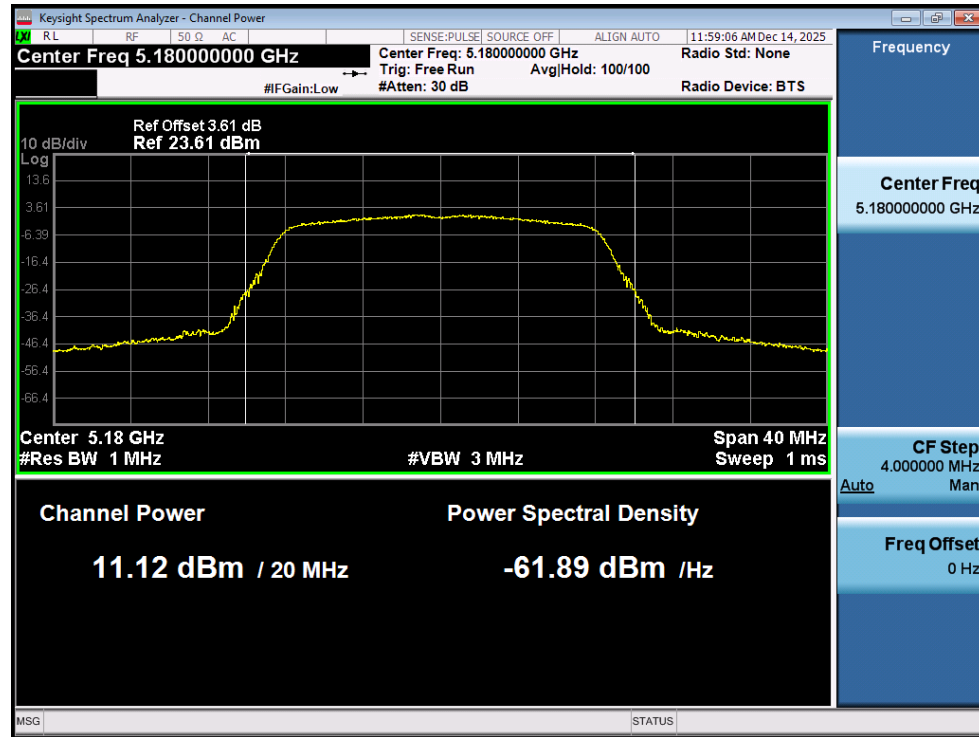


## Maximum Conducted Output Power

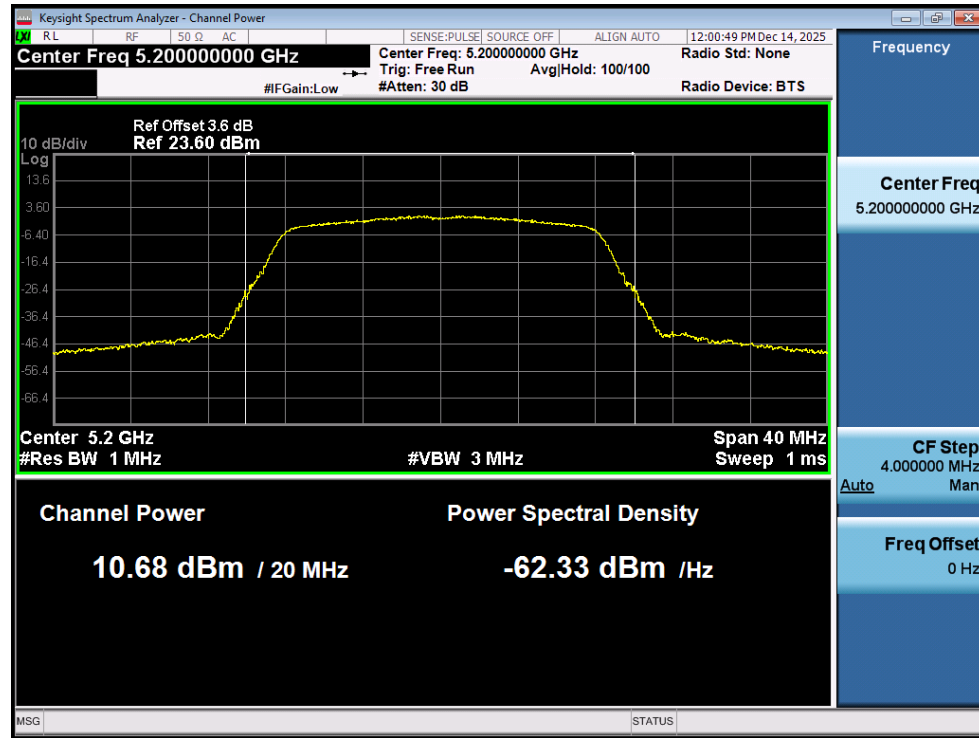
| Condition | Mode | Frequency<br>(MHz) | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|--------------------------|----------------|---------|
| NVNT      | a    | 5180               | 11.12                    | 24             | Pass    |
| NVNT      | a    | 5200               | 10.68                    | 24             | Pass    |
| NVNT      | a    | 5240               | 11.6                     | 24             | Pass    |
| NVNT      | n20  | 5180               | 9.71                     | 24             | Pass    |
| NVNT      | n20  | 5200               | 9.84                     | 24             | Pass    |
| NVNT      | n20  | 5240               | 10.28                    | 24             | Pass    |
| NVNT      | n40  | 5190               | 8.71                     | 24             | Pass    |
| NVNT      | n40  | 5230               | 9                        | 24             | Pass    |
| NVNT      | ac20 | 5180               | 9.72                     | 24             | Pass    |
| NVNT      | ac20 | 5200               | 9.78                     | 24             | Pass    |
| NVNT      | ac20 | 5240               | 9.72                     | 24             | Pass    |
| NVNT      | ac40 | 5190               | 8.56                     | 24             | Pass    |
| NVNT      | ac40 | 5230               | 9.02                     | 24             | Pass    |
| NVNT      | ac80 | 5210               | 8.49                     | 24             | Pass    |

# Test Graphs

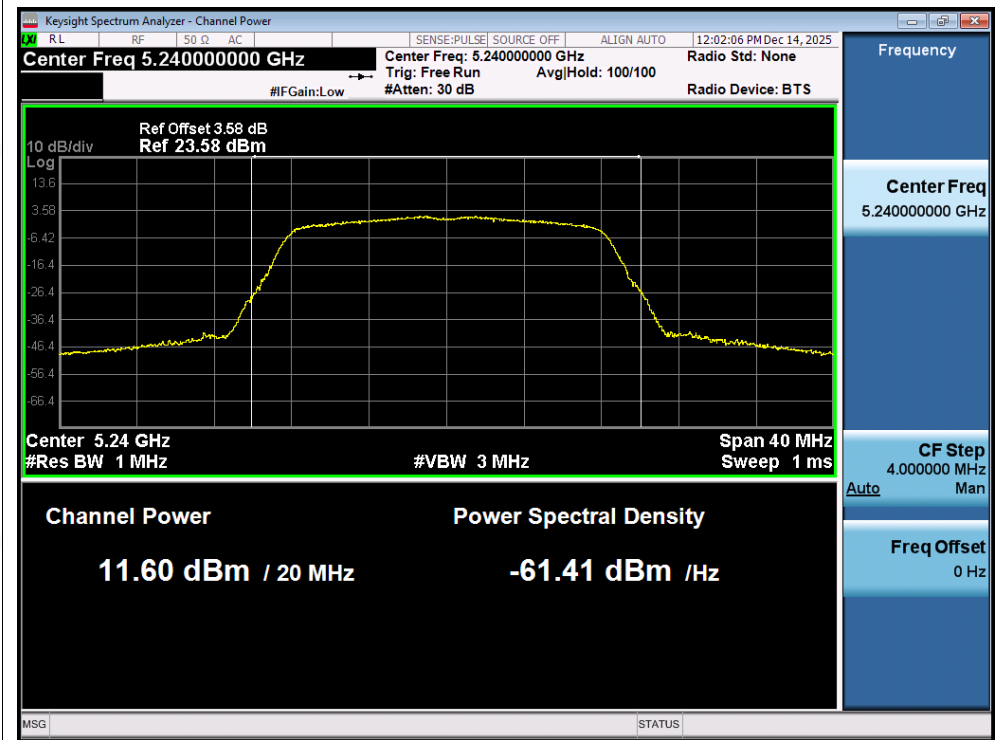
## Power NVNT a 5180MHz



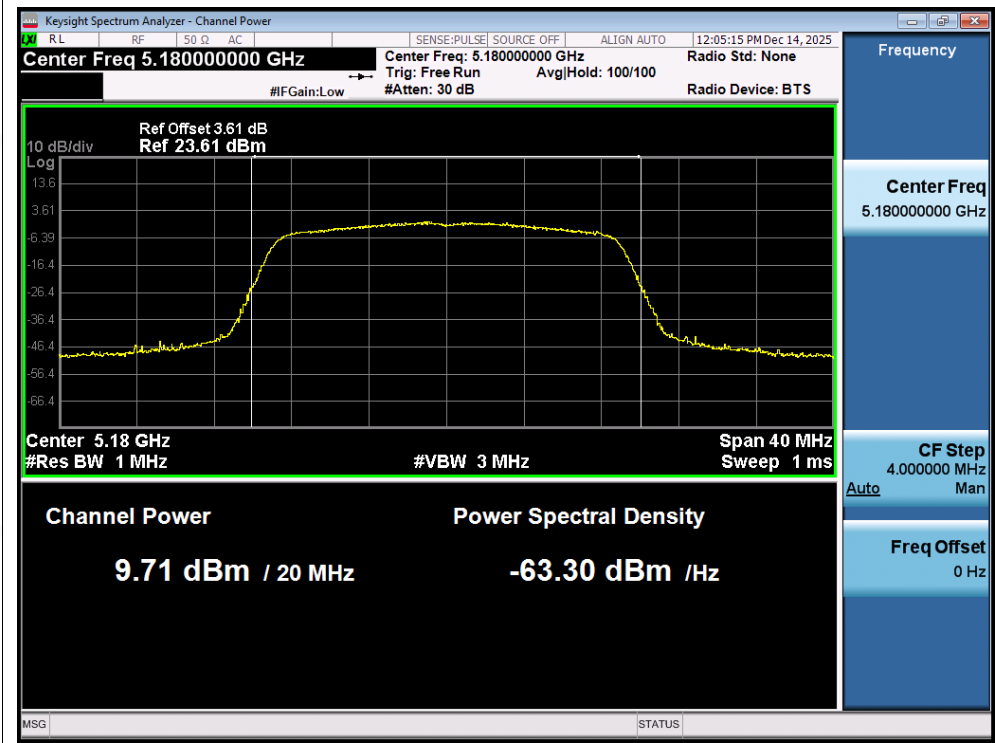
## Power NVNT a 5200MHz



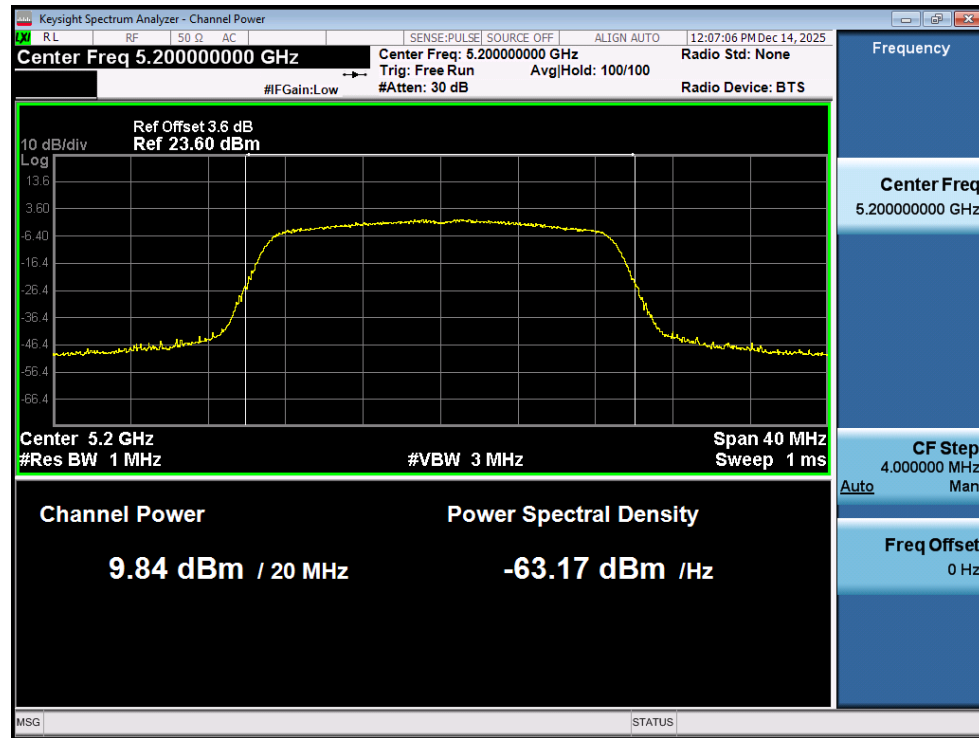
Power NVNT a 5240MHz



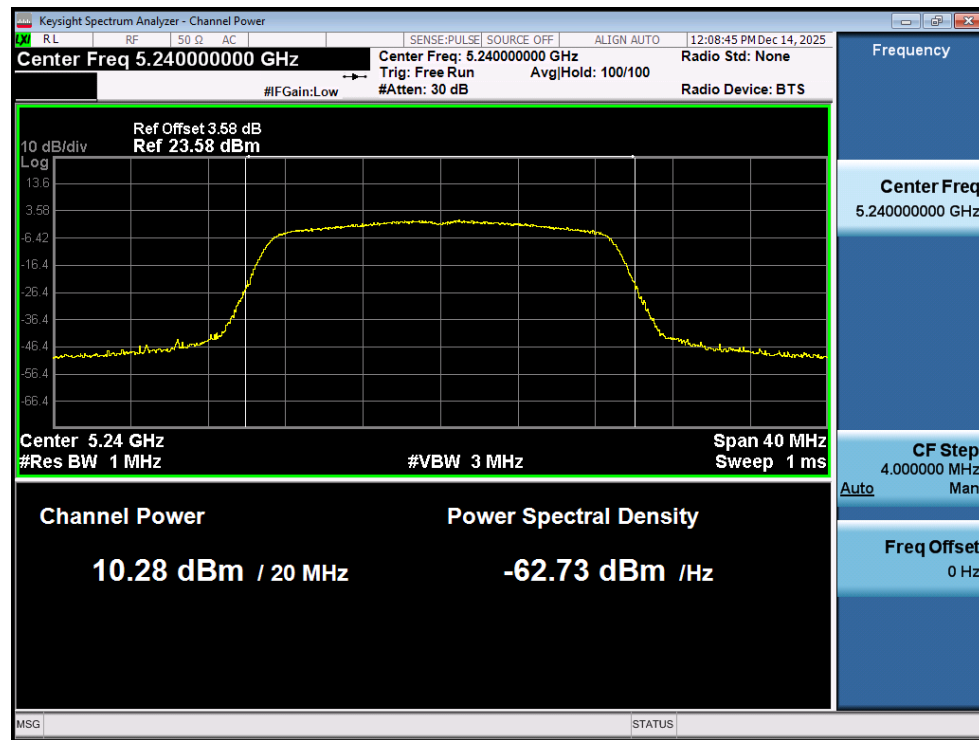
Power NVNT n20 5180MHz



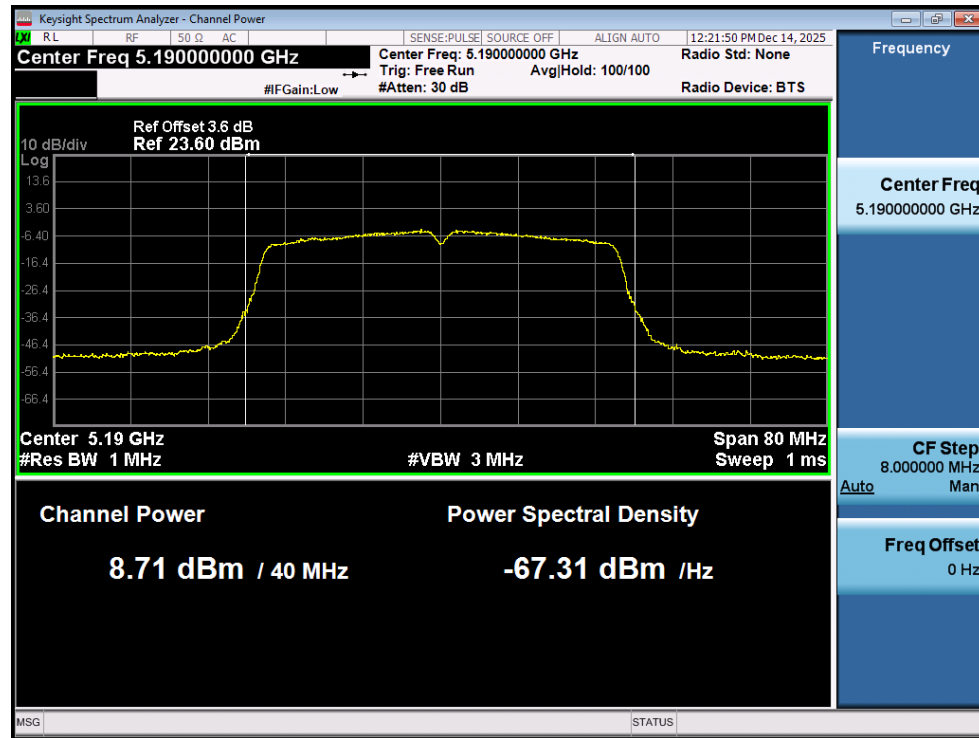
# Power NVNT n20 5200MHz



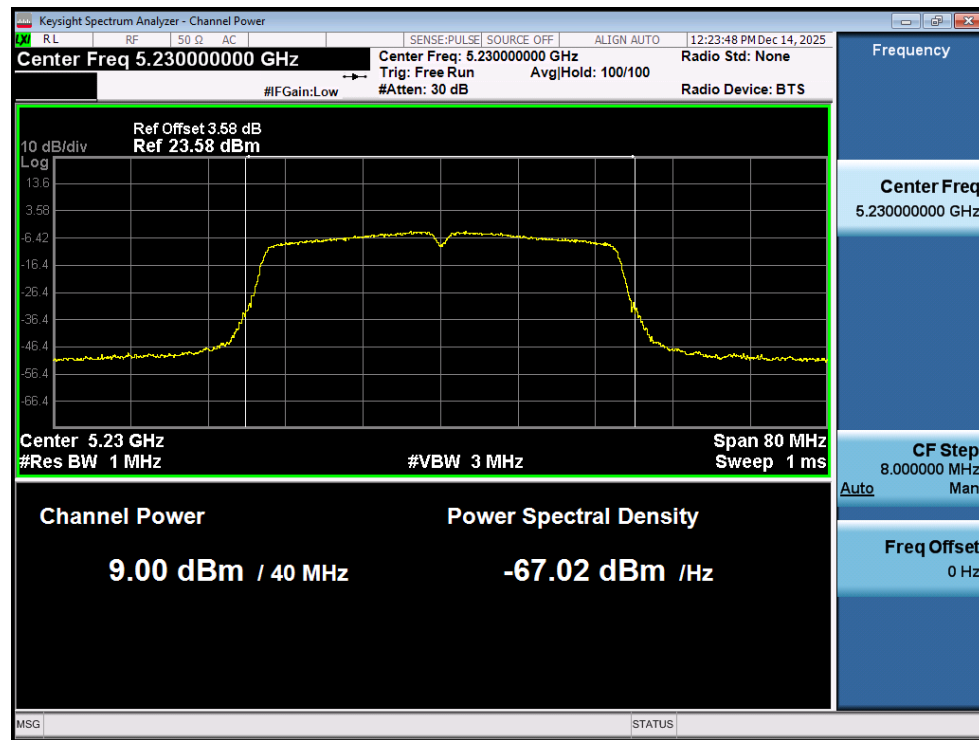
# Power NVNT n20 5240MHz



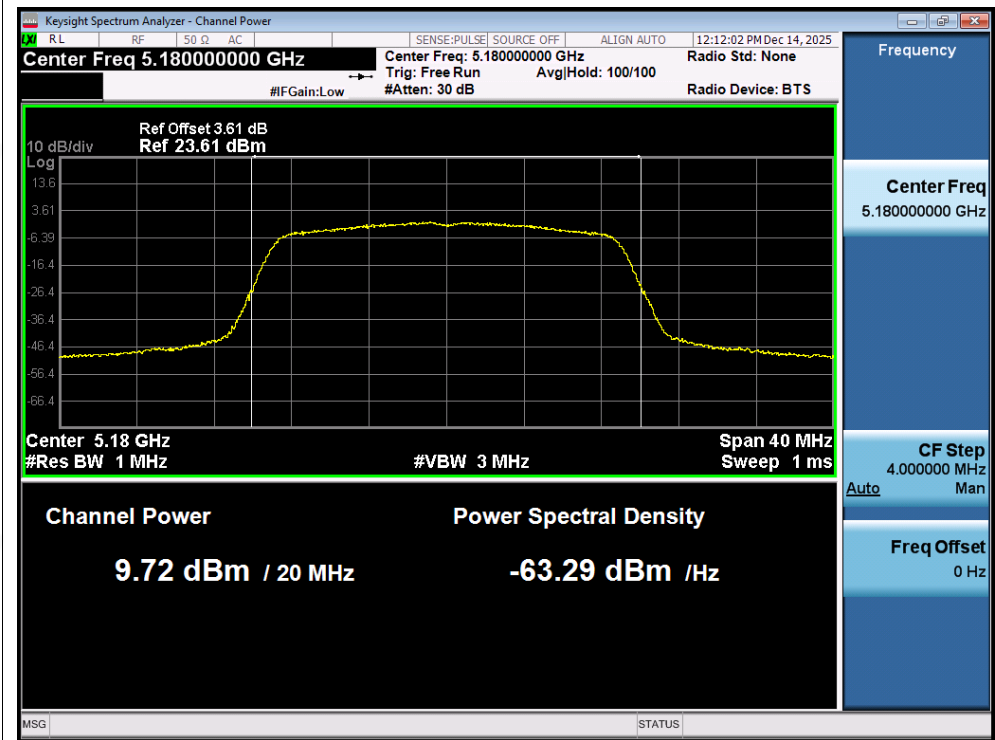
# Power NVNT n40 5190MHz



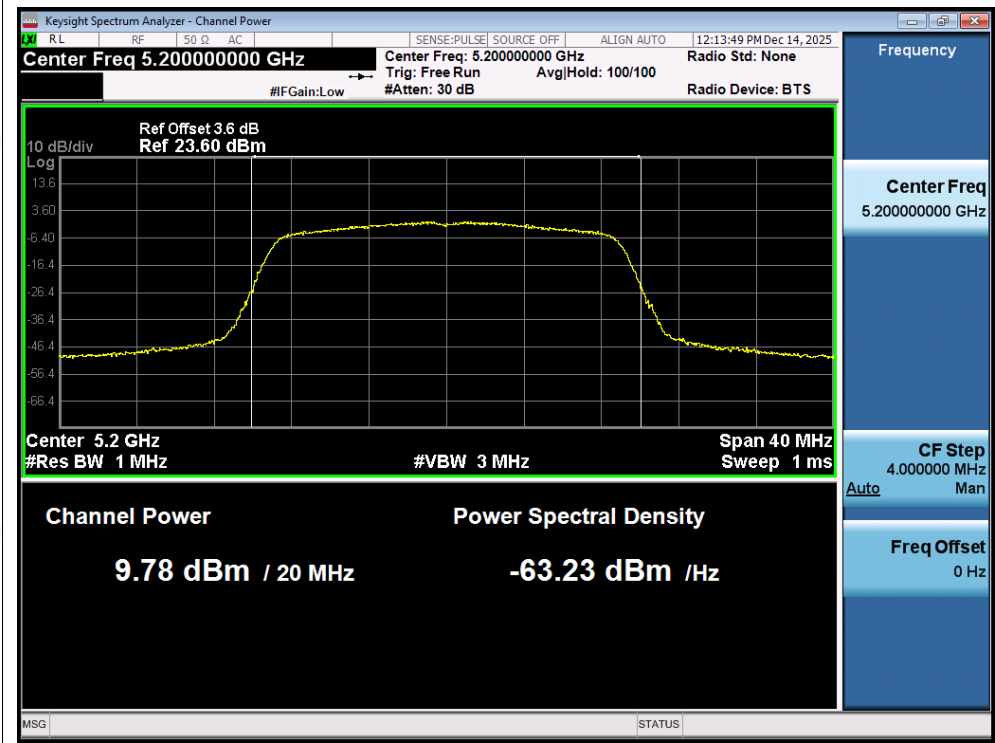
# Power NVNT n40 5230MHz



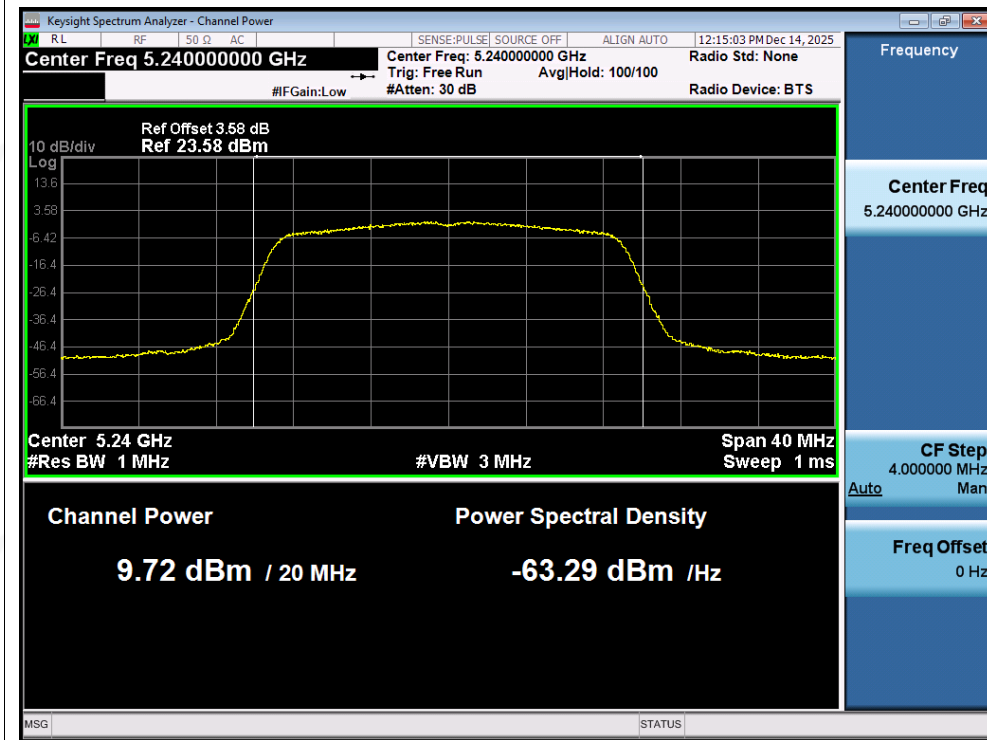
Power NVNT ac20 5180MHz



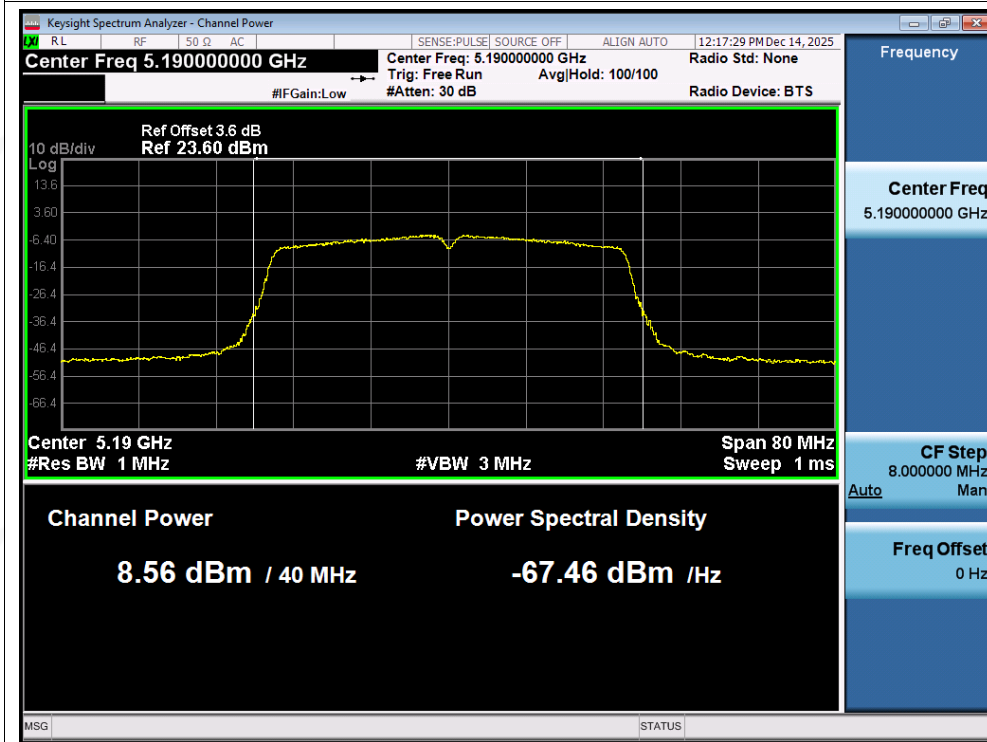
Power NVNT ac20 5200MHz



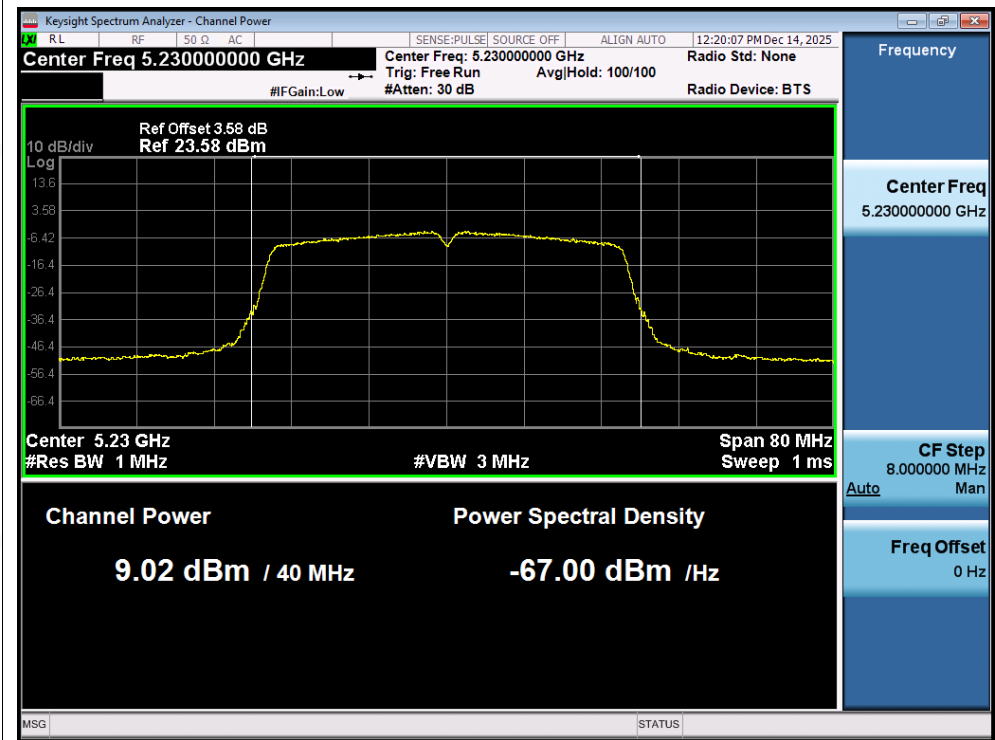
# Power NVNT ac20 5240MHz



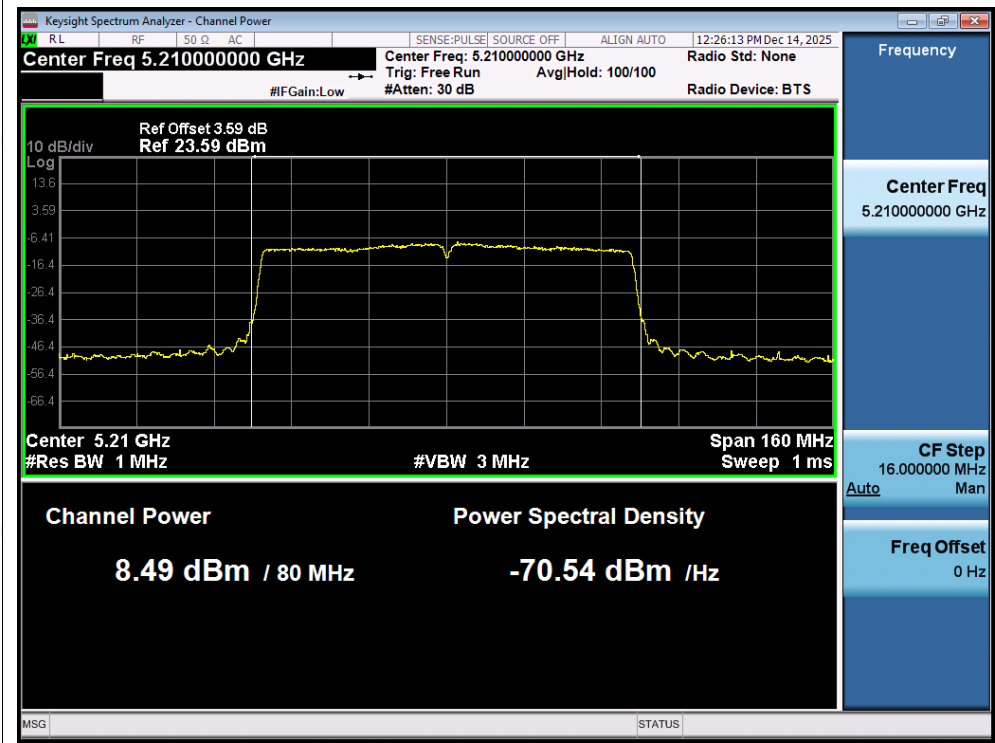
# Power NVNT ac40 5190MHz



Power NVNT ac40 5230MHz



Power NVNT ac80 5210MHz

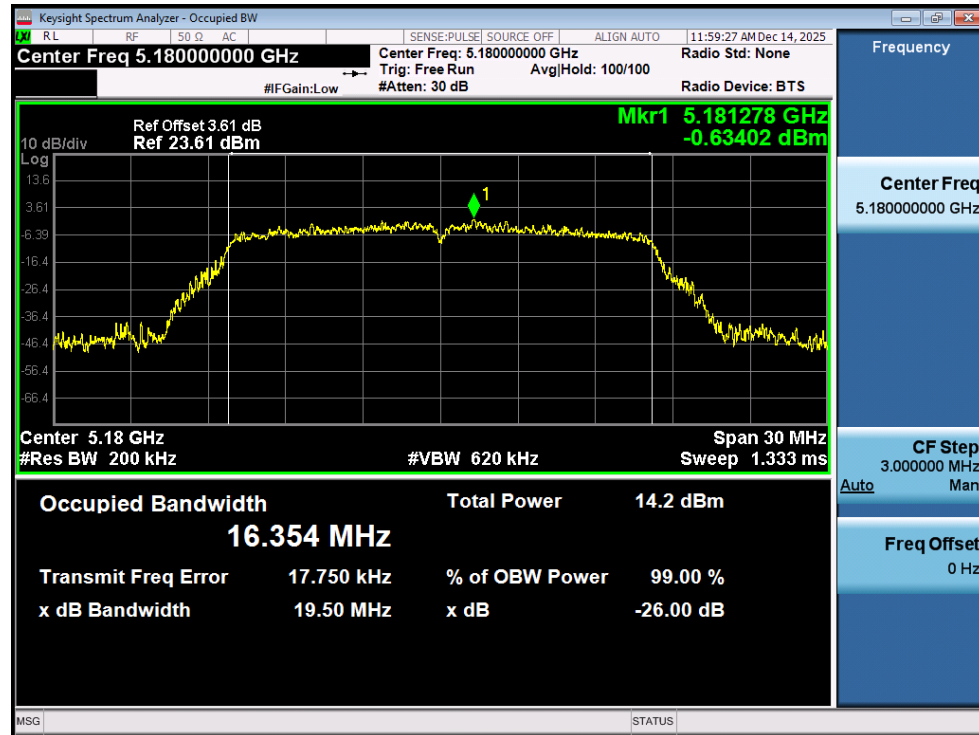


## -26dB Bandwidth

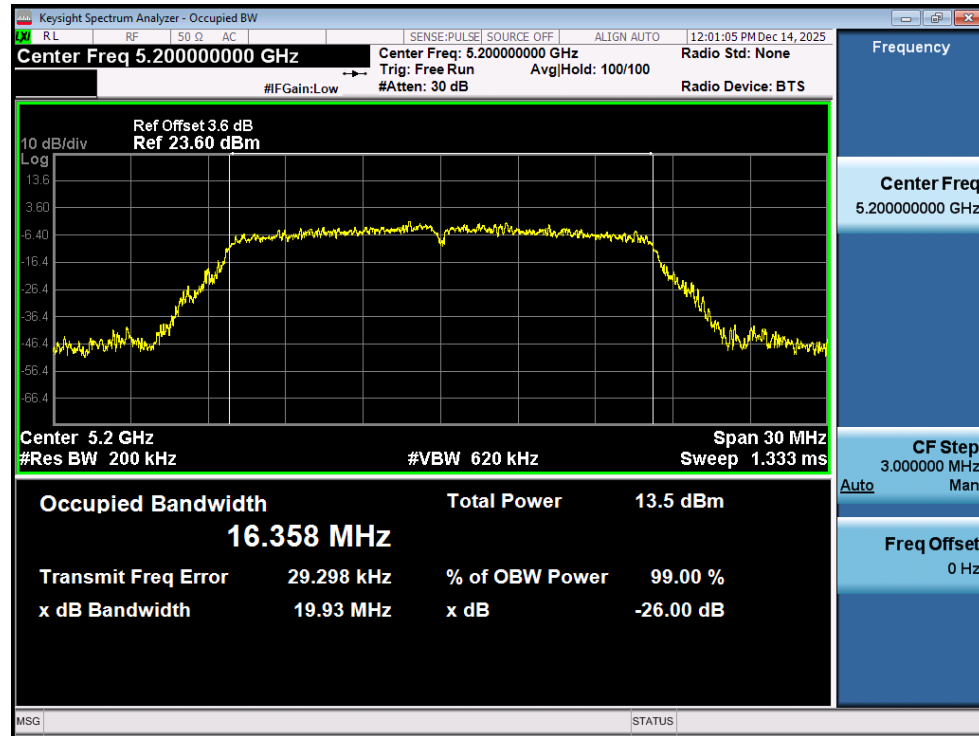
| Condition | Mode | Frequency (MHz) | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|------------------------|------------------------------|---------|
| NVNT      | a    | 5180            | 19.496                 | 0.5                          | Pass    |
| NVNT      | a    | 5200            | 19.926                 | 0.5                          | Pass    |
| NVNT      | a    | 5240            | 19.933                 | 0.5                          | Pass    |
| NVNT      | n20  | 5180            | 19.636                 | 0.5                          | Pass    |
| NVNT      | n20  | 5200            | 19.84                  | 0.5                          | Pass    |
| NVNT      | n20  | 5240            | 19.718                 | 0.5                          | Pass    |
| NVNT      | n40  | 5190            | 40.076                 | 0.5                          | Pass    |
| NVNT      | n40  | 5230            | 40.173                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5180            | 19.735                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5200            | 19.734                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5240            | 19.963                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5190            | 39.924                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5230            | 40.054                 | 0.5                          | Pass    |
| NVNT      | ac80 | 5210            | 81.593                 | 0.5                          | Pass    |

# Test Graphs

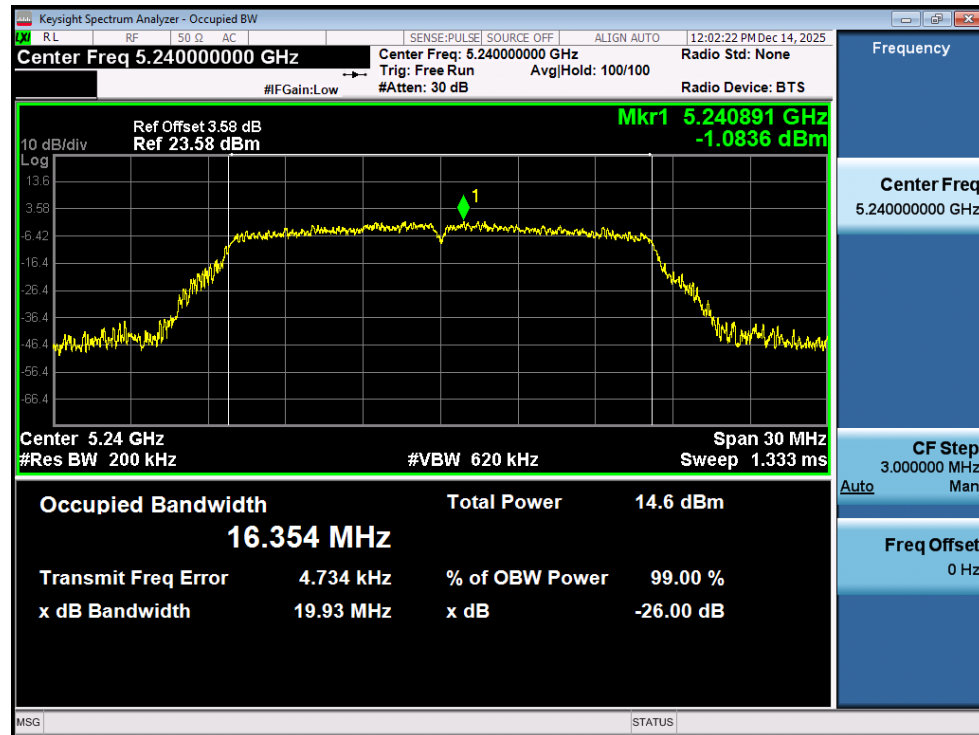
-26dB Bandwidth NVNT a 5180MHz



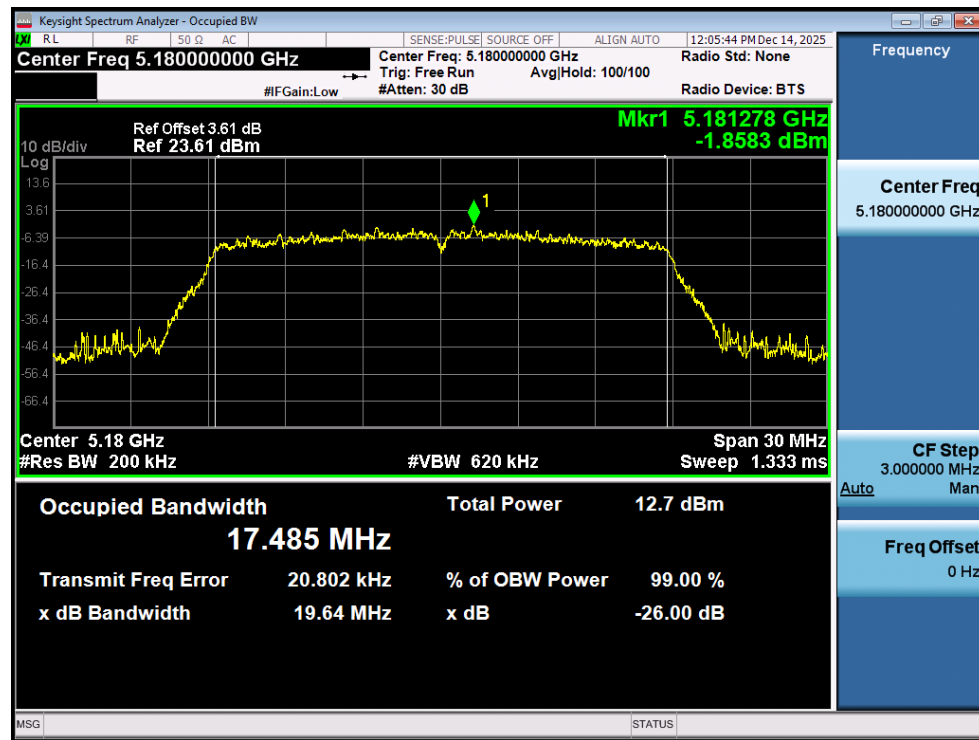
-26dB Bandwidth NVNT a 5200MHz



-26dB Bandwidth NVNT a 5240MHz



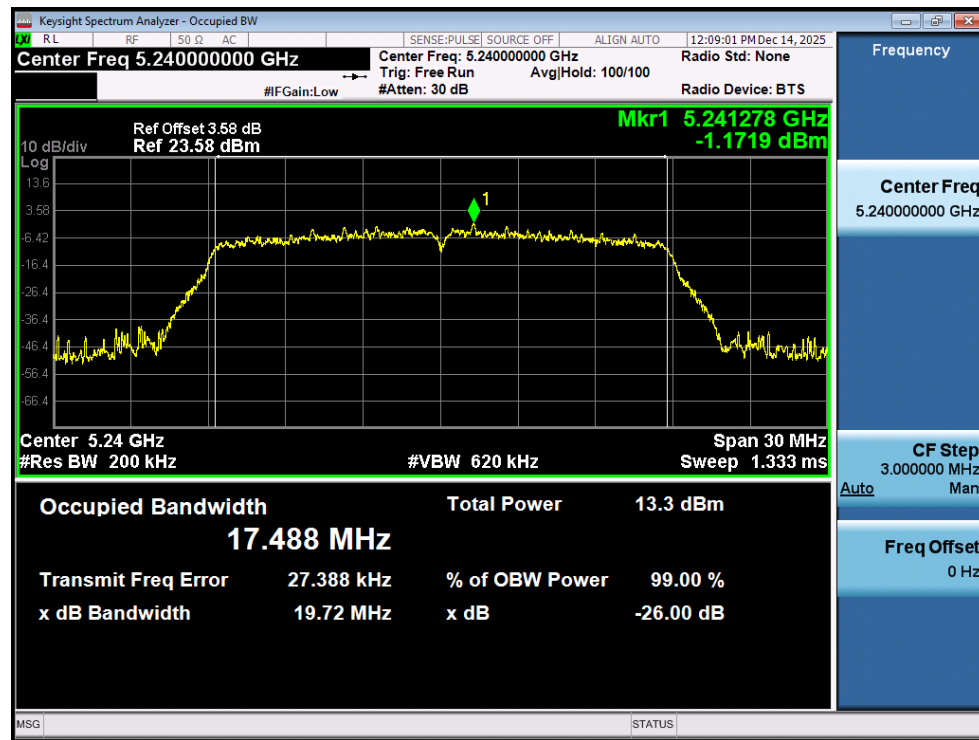
-26dB Bandwidth NVNT n20 5180MHz



-26dB Bandwidth NVNT n20 5200MHz



-26dB Bandwidth NVNT n20 5240MHz



-26dB Bandwidth NVNT n40 5190MHz



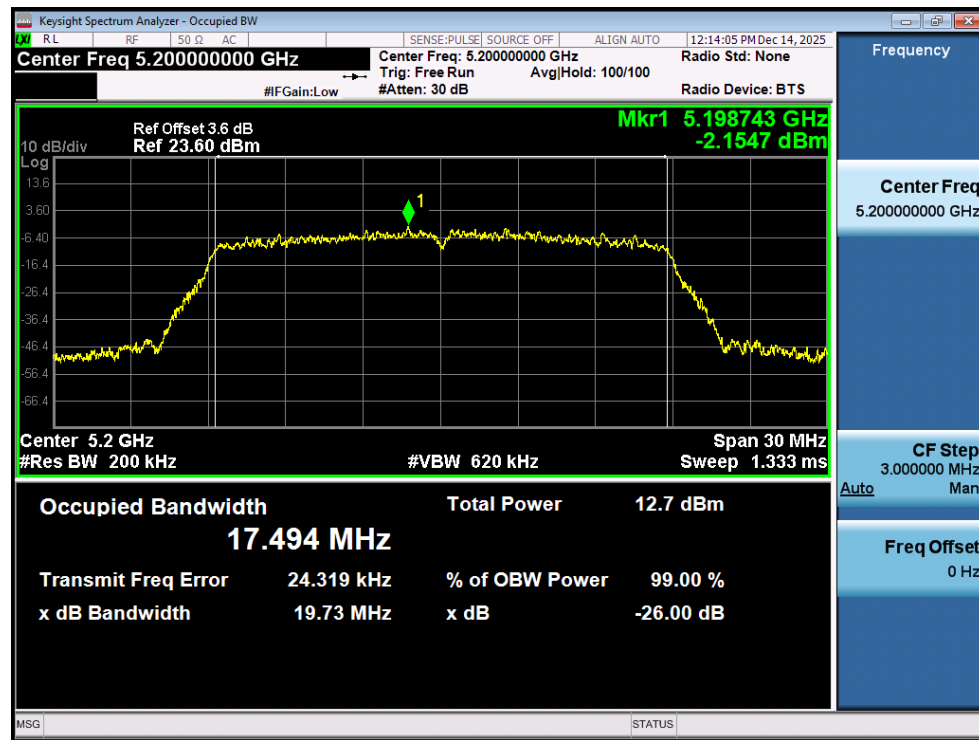
-26dB Bandwidth NVNT n40 5230MHz



-26dB Bandwidth NVNT ac20 5180MHz



-26dB Bandwidth NVNT ac20 5200MHz



-26dB Bandwidth NVNT ac20 5240MHz



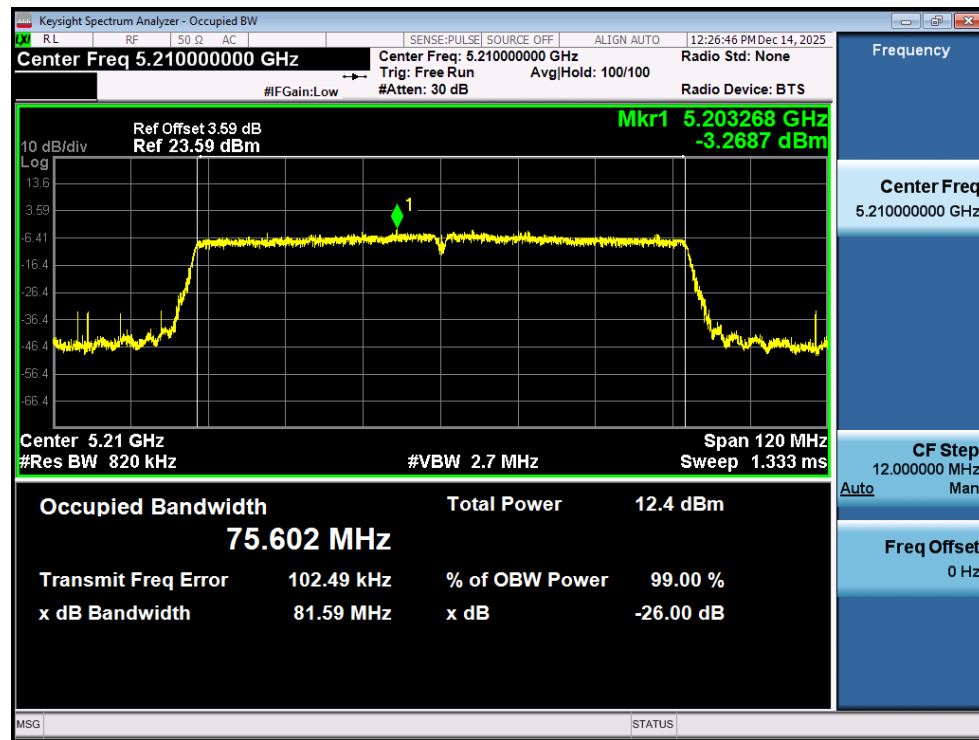
-26dB Bandwidth NVNT ac40 5190MHz



-26dB Bandwidth NVNT ac40 5230MHz



-26dB Bandwidth NVNT ac80 5210MHz



## Occupied Channel Bandwidth

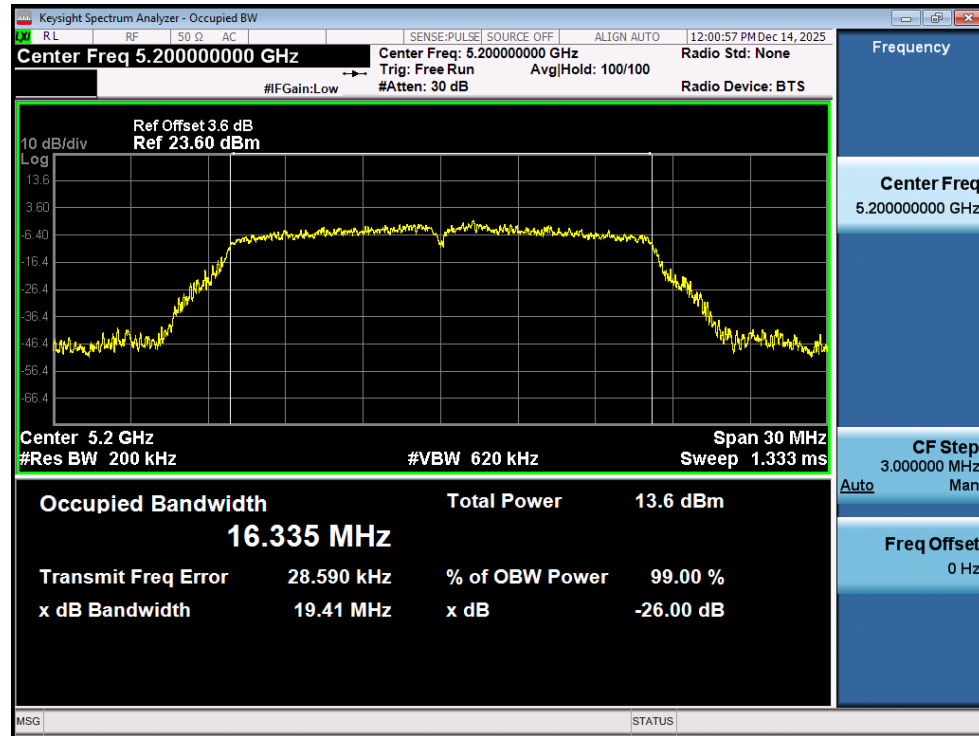
| Condition | Mode | Frequency (MHz) | 99% OBW (MHz) |
|-----------|------|-----------------|---------------|
| NVNT      | a    | 5180            | 16.324        |
| NVNT      | a    | 5200            | 16.335        |
| NVNT      | a    | 5240            | 16.346        |
| NVNT      | n20  | 5180            | 17.484        |
| NVNT      | n20  | 5200            | 17.499        |
| NVNT      | n20  | 5240            | 17.498        |
| NVNT      | n40  | 5190            | 35.898        |
| NVNT      | n40  | 5230            | 35.835        |
| NVNT      | ac20 | 5180            | 17.489        |
| NVNT      | ac20 | 5200            | 17.487        |
| NVNT      | ac20 | 5240            | 17.485        |
| NVNT      | ac40 | 5190            | 35.836        |
| NVNT      | ac40 | 5230            | 35.869        |
| NVNT      | ac80 | 5210            | 75.631        |

# Test Graphs

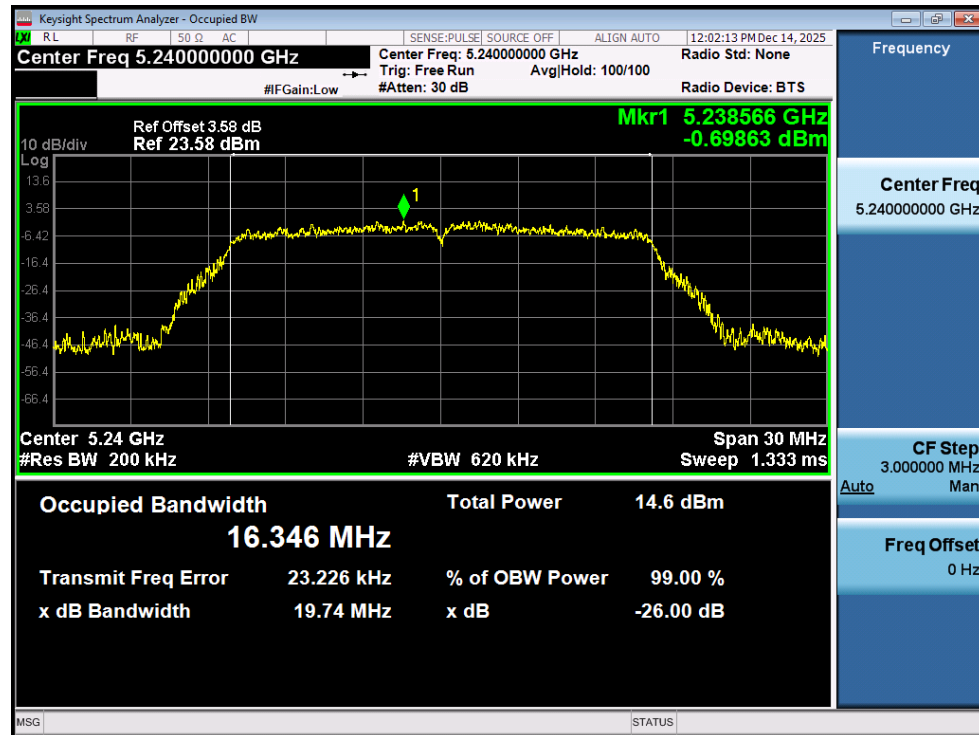
OBW NVNT a 5180MHz



OBW NVNT a 5200MHz



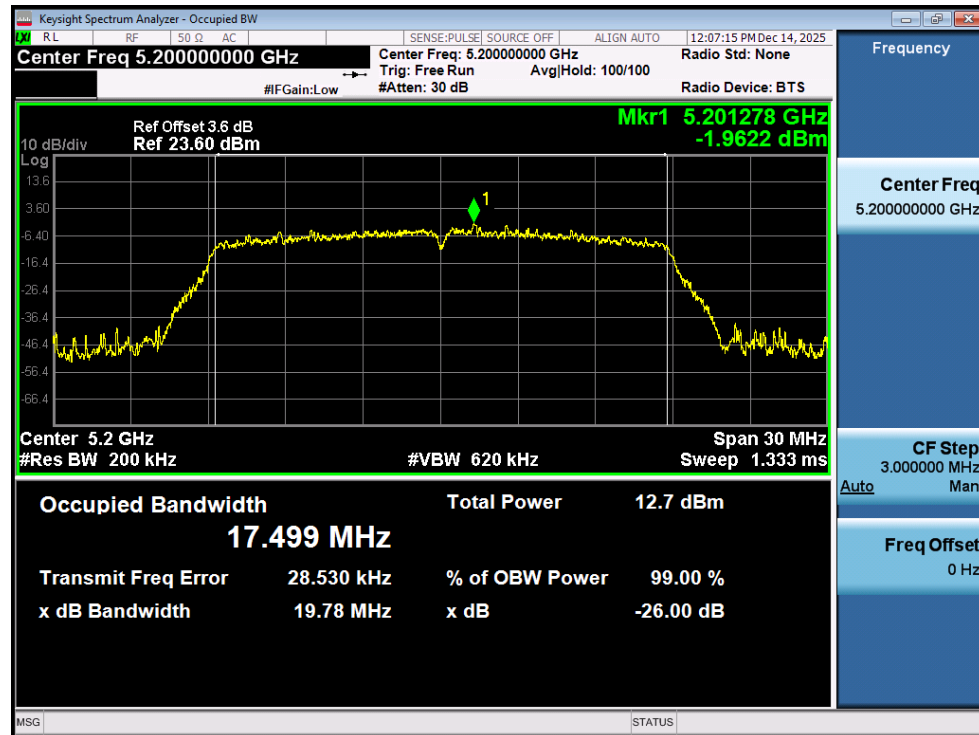
## OBW NVNT a 5240MHz



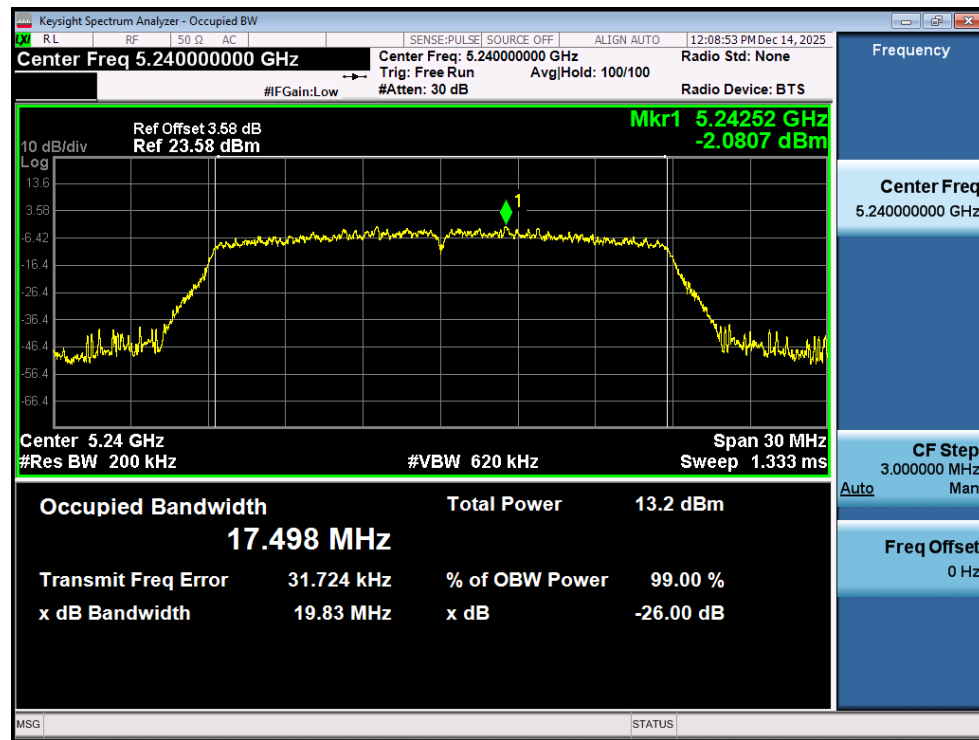
## OBW NVNT n20 5180MHz



## OBW NVNT n20 5200MHz



## OBW NVNT n20 5240MHz



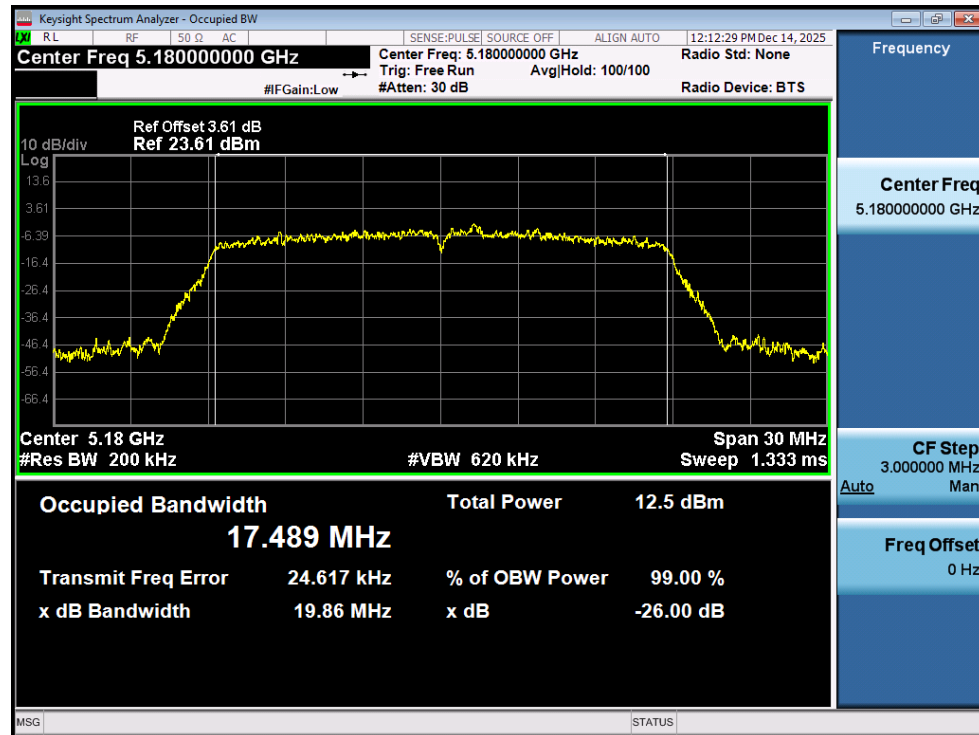
## OBW NVNT n40 5190MHz



## OBW NVNT n40 5230MHz



## OBW NVNT ac20 5180MHz



## OBW NVNT ac20 5200MHz



## OBW NVNT ac20 5240MHz



## OBW NVNT ac40 5190MHz



## OBW NVNT ac40 5230MHz



## OBW NVNT ac80 5210MHz



## Maximum Power Spectral Density Level

| Condition | Mode | Frequency<br>(MHz) | Conducted PSD<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|------------------------|----------------|---------|
| NVNT      | a    | 5180               | -1.1                   | 11             | Pass    |
| NVNT      | a    | 5200               | -1.62                  | 11             | Pass    |
| NVNT      | a    | 5240               | -0.53                  | 11             | Pass    |
| NVNT      | n20  | 5180               | -1.89                  | 11             | Pass    |
| NVNT      | n20  | 5200               | -2.45                  | 11             | Pass    |
| NVNT      | n20  | 5240               | -1.84                  | 11             | Pass    |
| NVNT      | n40  | 5190               | -6.62                  | 11             | Pass    |
| NVNT      | n40  | 5230               | -6.23                  | 11             | Pass    |
| NVNT      | ac20 | 5180               | -2.39                  | 11             | Pass    |
| NVNT      | ac20 | 5200               | -2.44                  | 11             | Pass    |
| NVNT      | ac20 | 5240               | -2.56                  | 11             | Pass    |
| NVNT      | ac40 | 5190               | -6.5                   | 11             | Pass    |
| NVNT      | ac40 | 5230               | -6.12                  | 11             | Pass    |
| NVNT      | ac80 | 5210               | -10.51                 | 11             | Pass    |

# Test Graphs

## PSD NVNT a 5180MHz



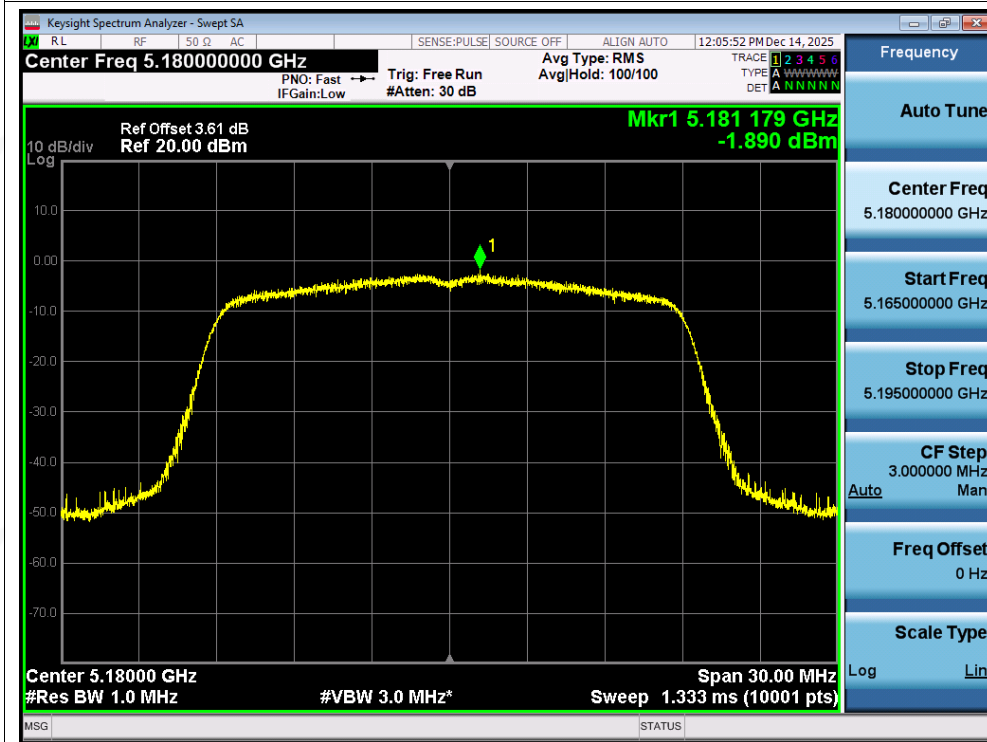
## PSD NVNT a 5200MHz



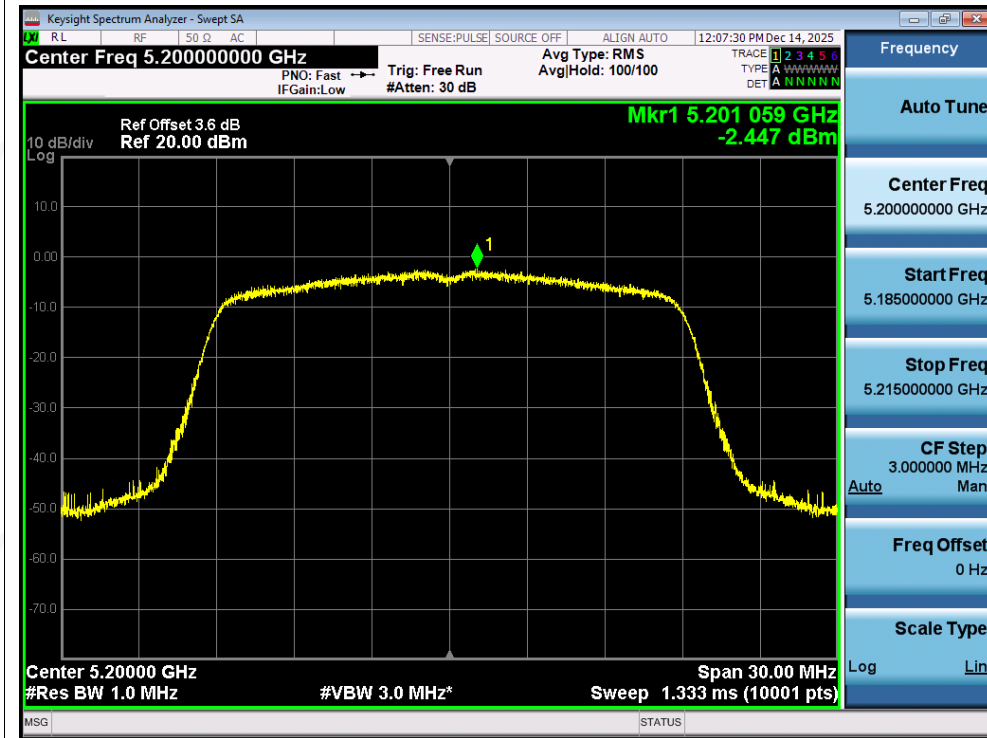
# PSD NVNT a 5240MHz



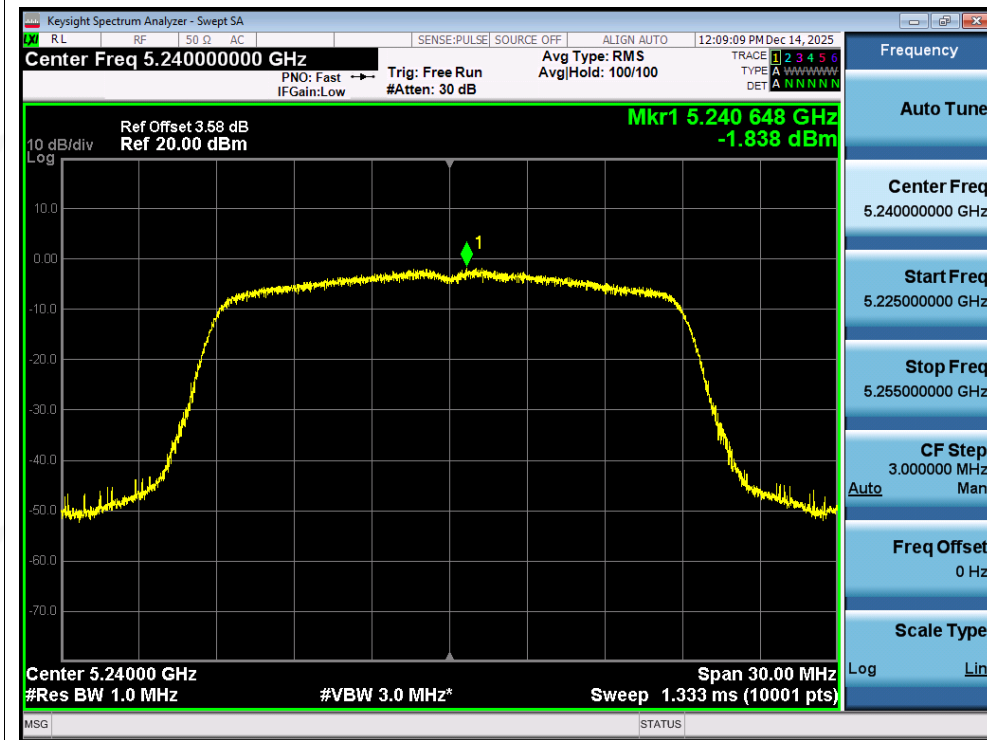
# PSD NVNT n20 5180MHz



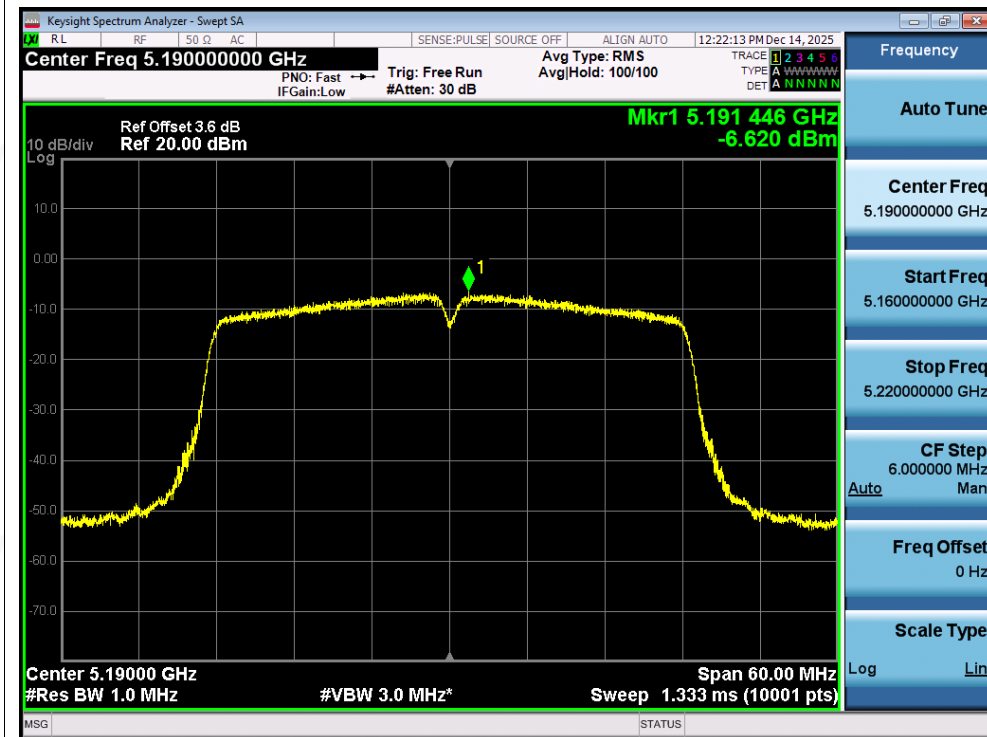
# PSD NVNT n20 5200MHz



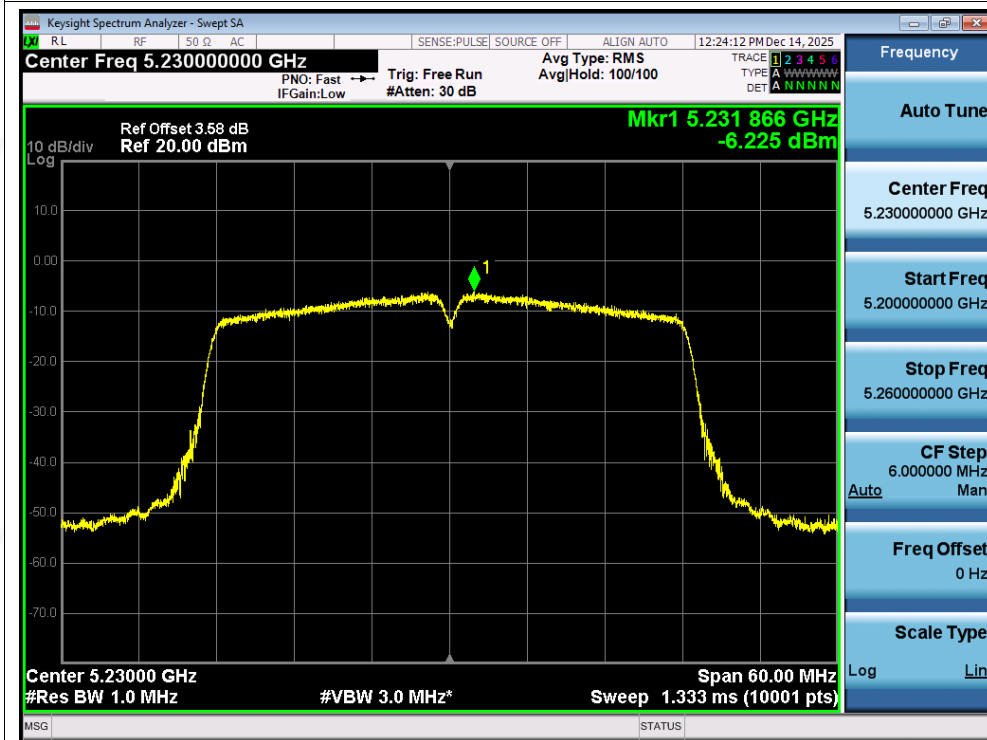
# PSD NVNT n20 5240MHz



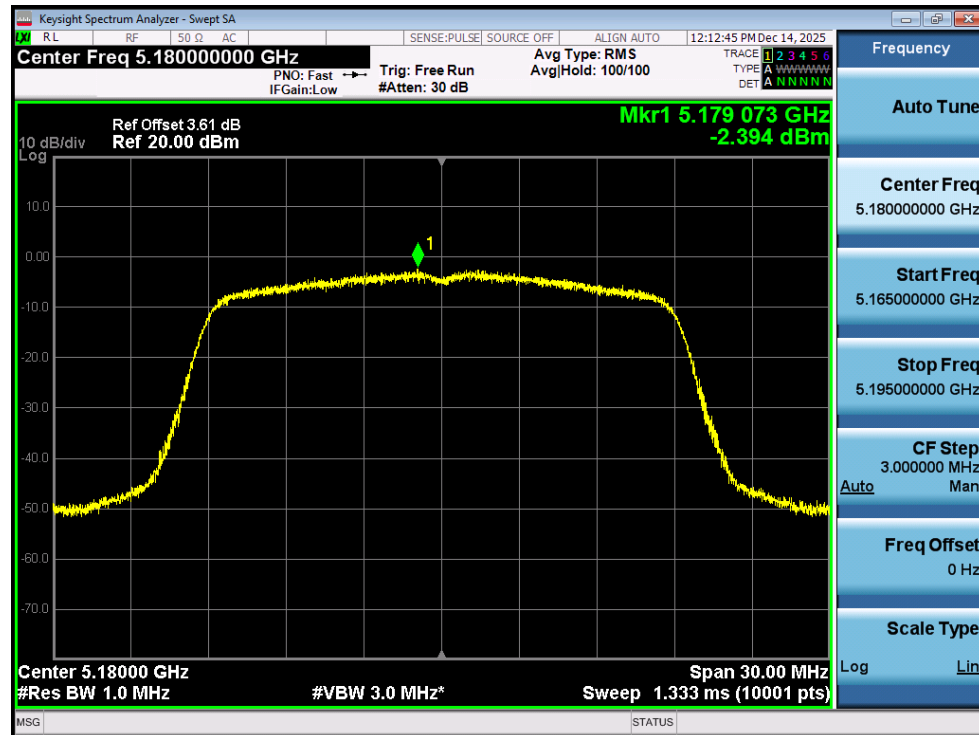
# PSD NVNT n40 5190MHz



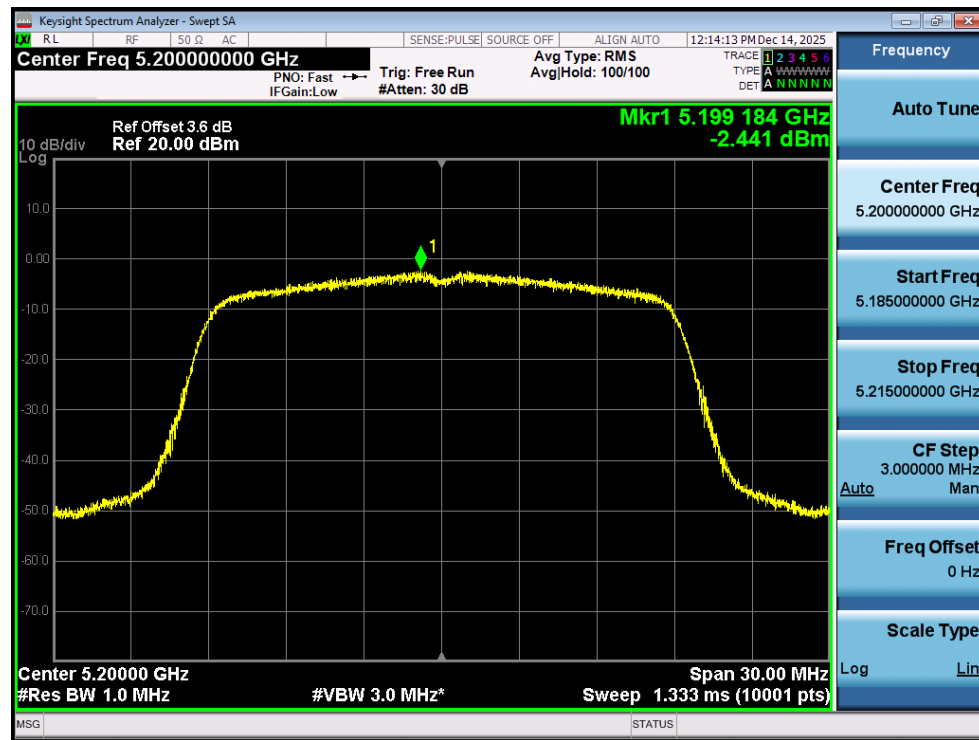
# PSD NVNT n40 5230MHz



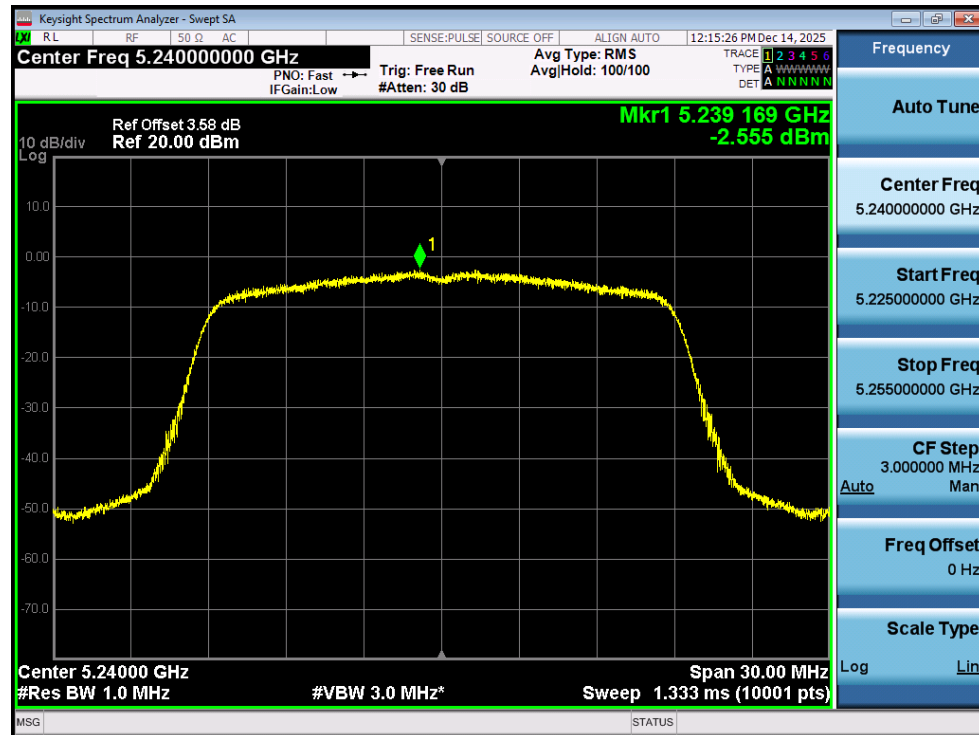
# PSD NVNT ac20 5180MHz



# PSD NVNT ac20 5200MHz



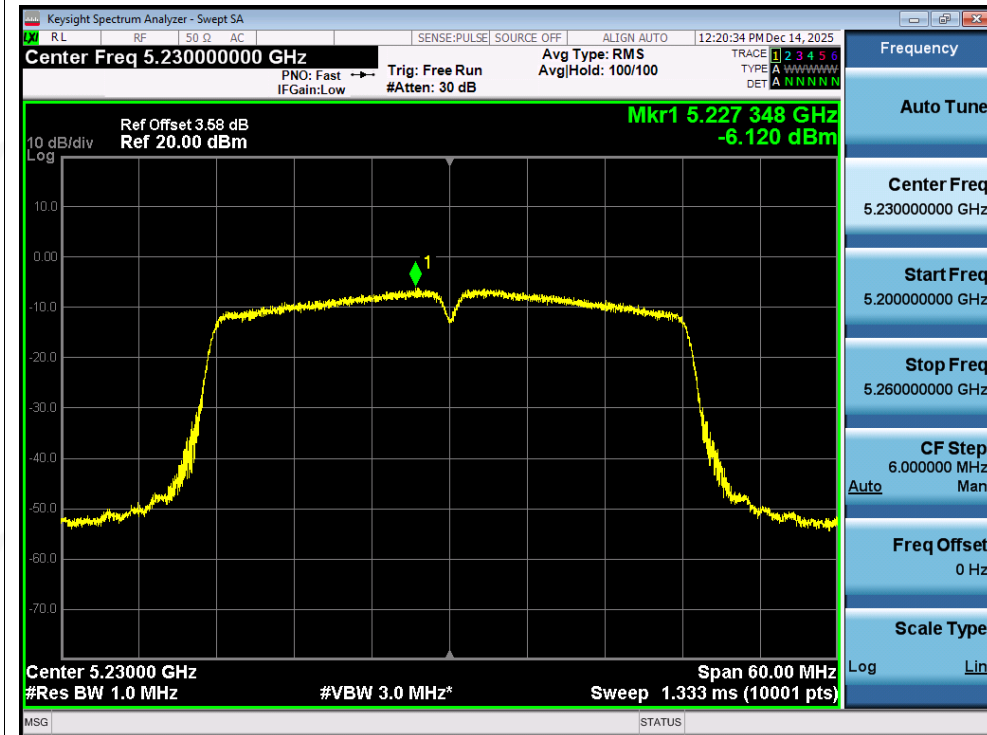
# PSD NVNT ac20 5240MHz



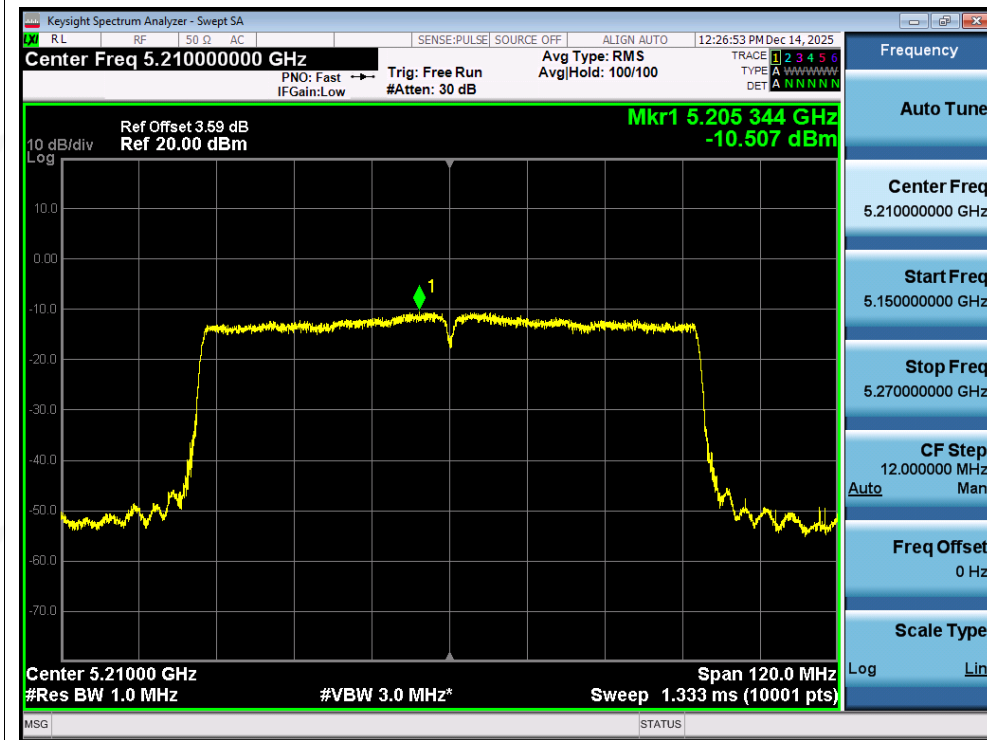
# PSD NVNT ac40 5190MHz



# PSD NVNT ac40 5230MHz



# PSD NVNT ac80 5210MHz

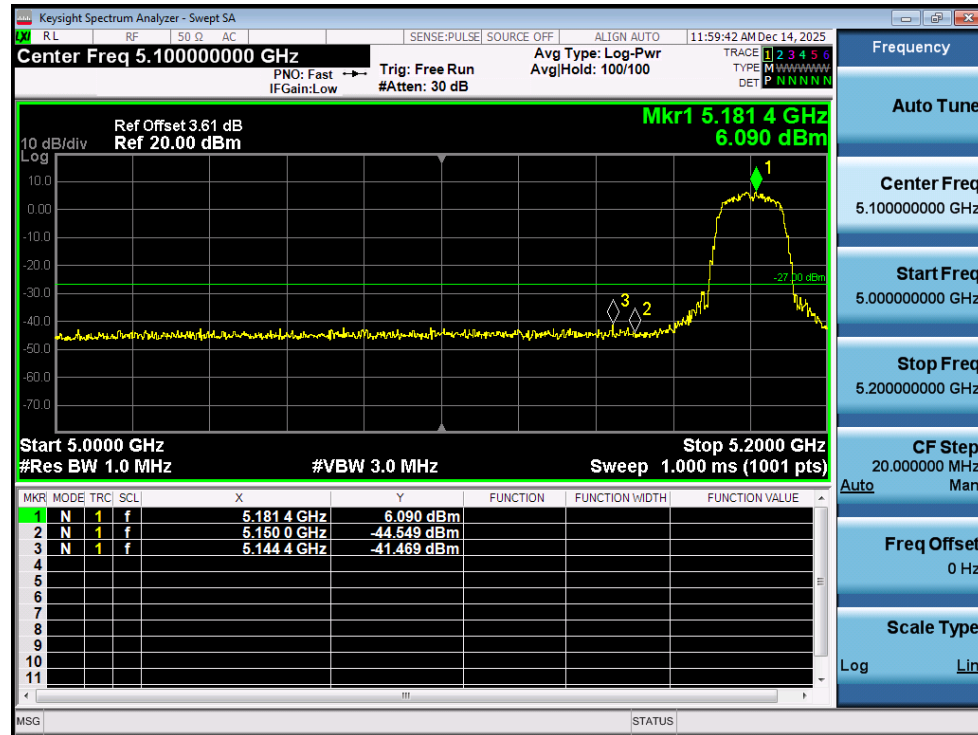


## Band Edge

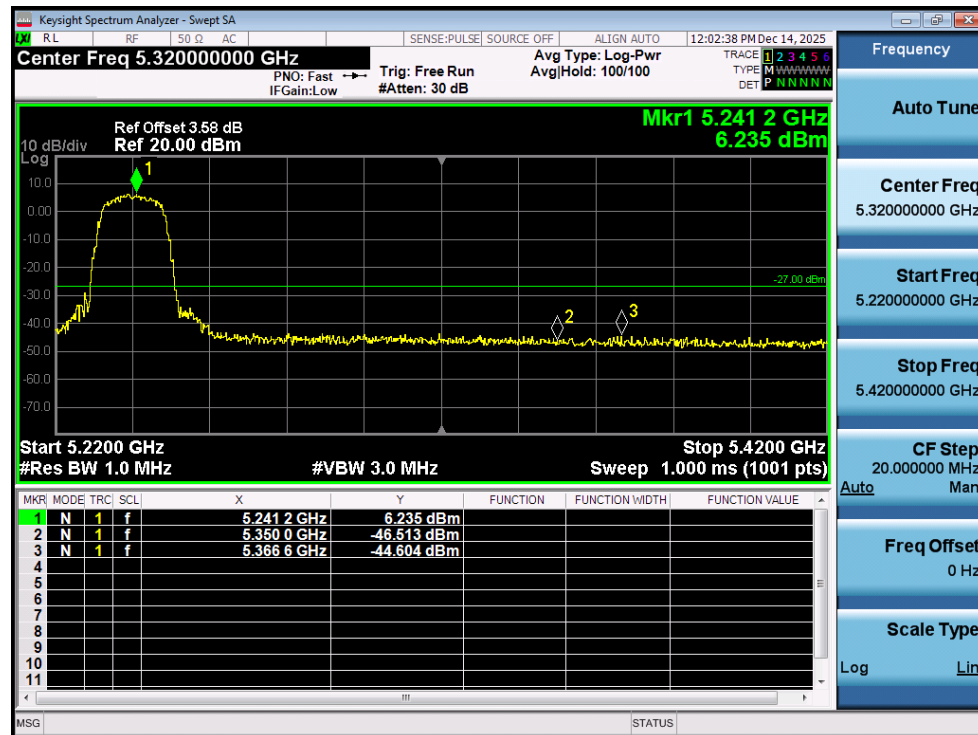
| Condition | Mode | Frequency (MHz) | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | -41.46          | -27         | Pass    |
| NVNT      | a    | 5240            | -44.6           | -27         | Pass    |
| NVNT      | n20  | 5180            | -42.52          | -27         | Pass    |
| NVNT      | n20  | 5240            | -45.4           | -27         | Pass    |
| NVNT      | n40  | 5190            | -42.61          | -27         | Pass    |
| NVNT      | n40  | 5230            | -45.49          | -27         | Pass    |
| NVNT      | ac20 | 5180            | -42.3           | -27         | Pass    |
| NVNT      | ac20 | 5240            | -45.07          | -27         | Pass    |
| NVNT      | ac40 | 5190            | -42.32          | -27         | Pass    |
| NVNT      | ac40 | 5230            | -44.38          | -27         | Pass    |
| NVNT      | ac80 | 5210            | -40.23          | -27         | Pass    |
| NVNT      | ac80 | 5210            | -33.03          | -27         | Pass    |

# Test Graphs

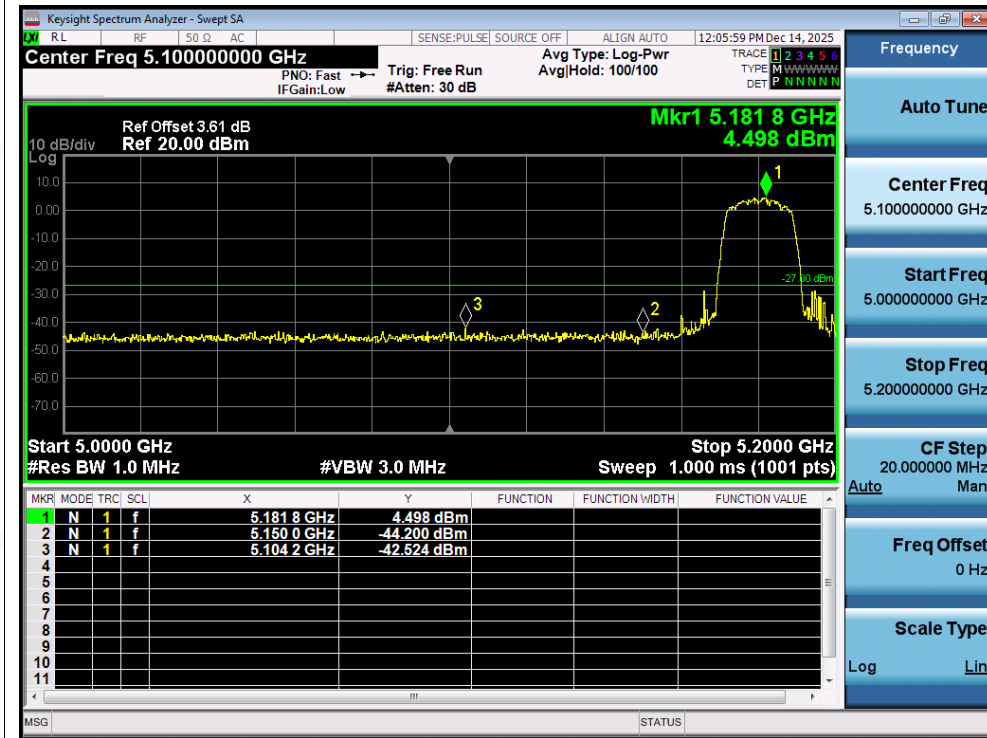
## Band Edge NVNT a 5180MHz Low



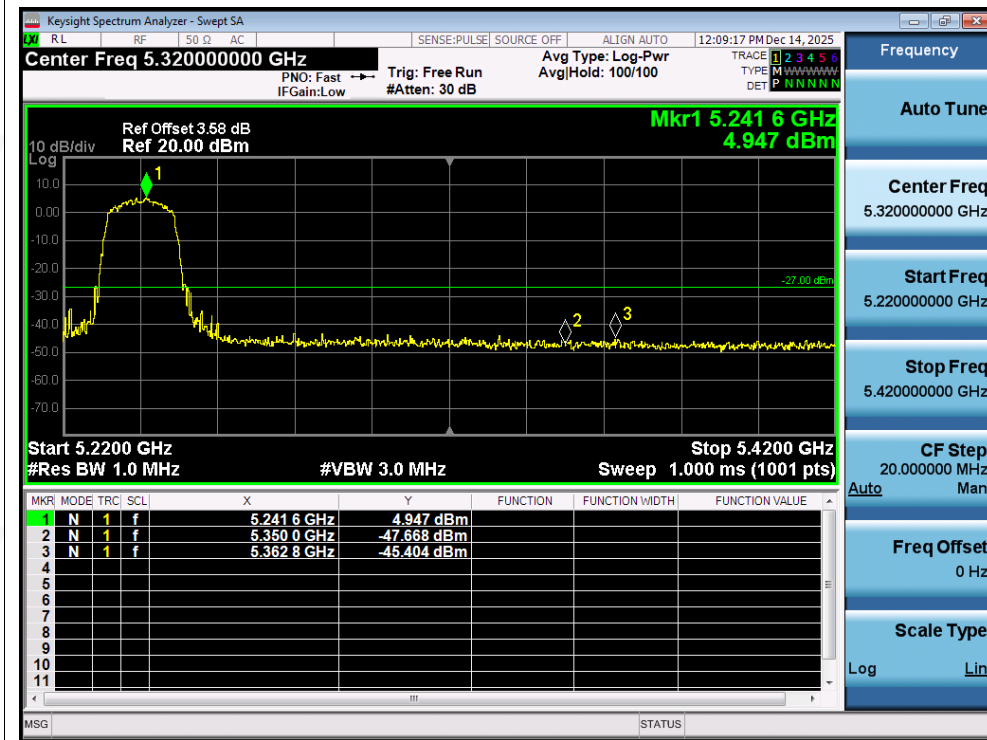
## Band Edge NVNT a 5240MHz High



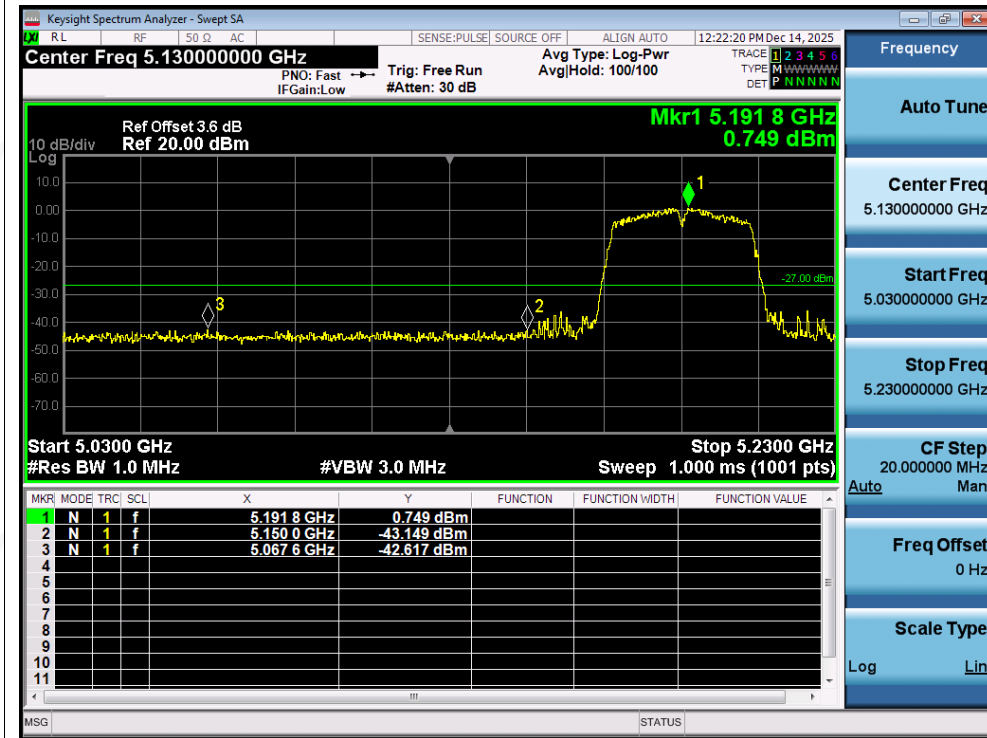
# Band Edge NVNT n20 5180MHz Low



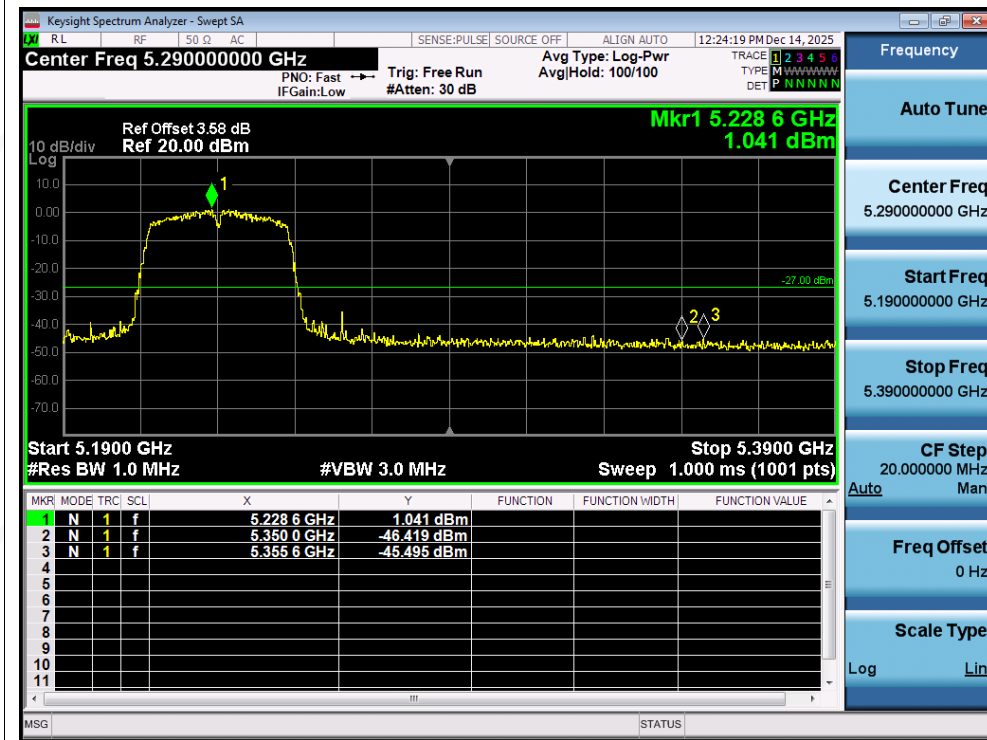
# Band Edge NVNT n20 5240MHz High



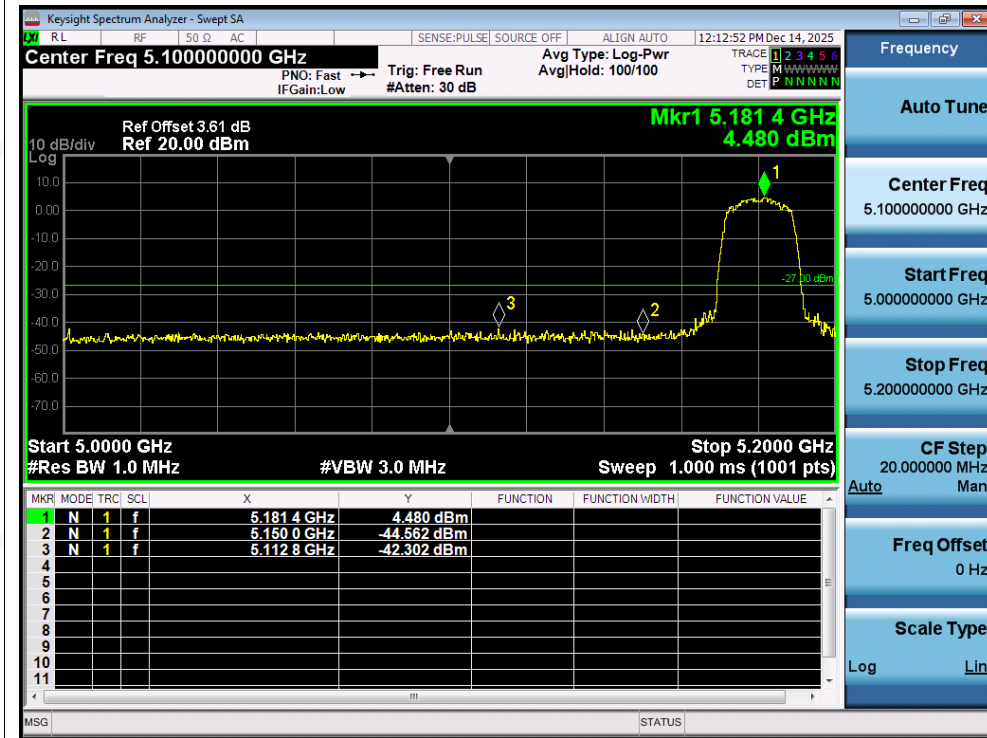
# Band Edge NVNT n40 5190MHz Low



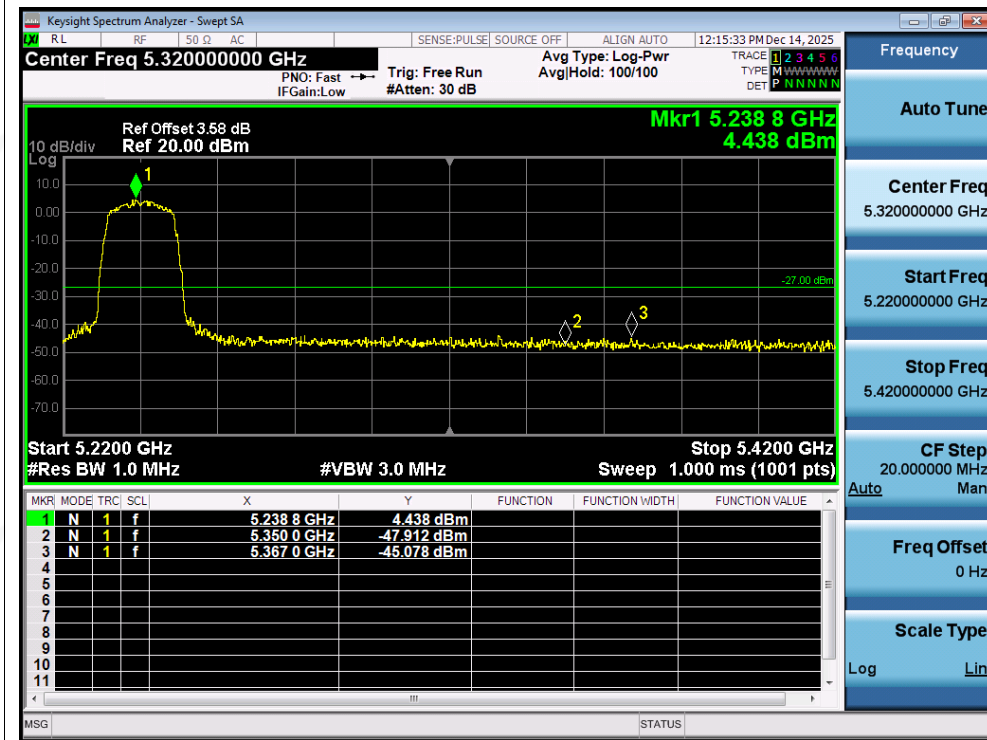
# Band Edge NVNT n40 5230MHz High



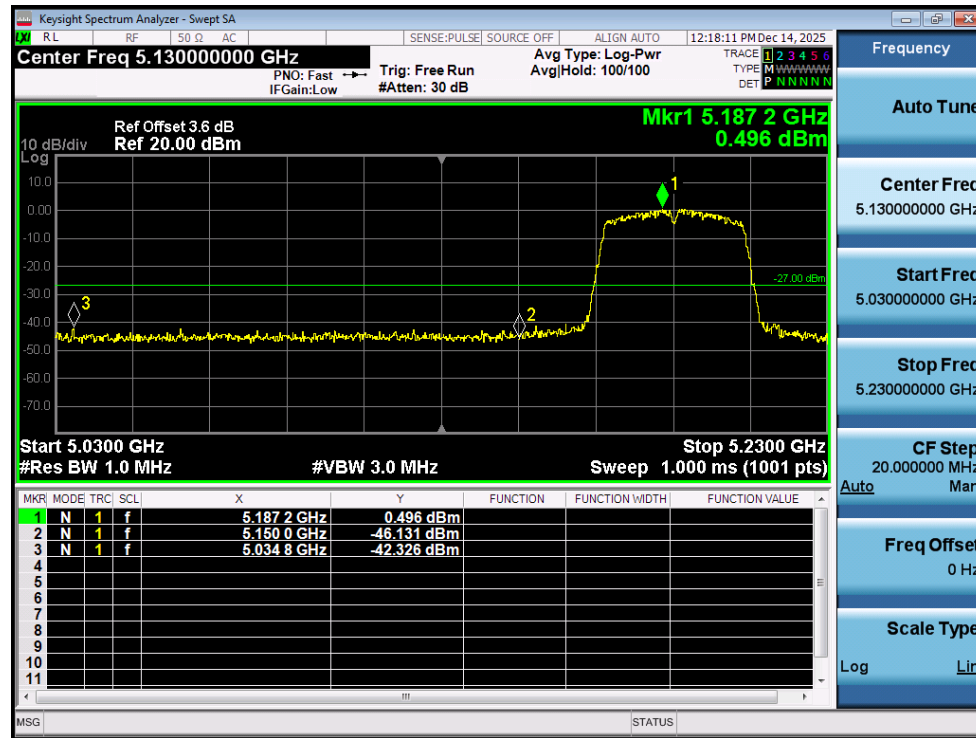
# Band Edge NVNT ac20 5180MHz Low



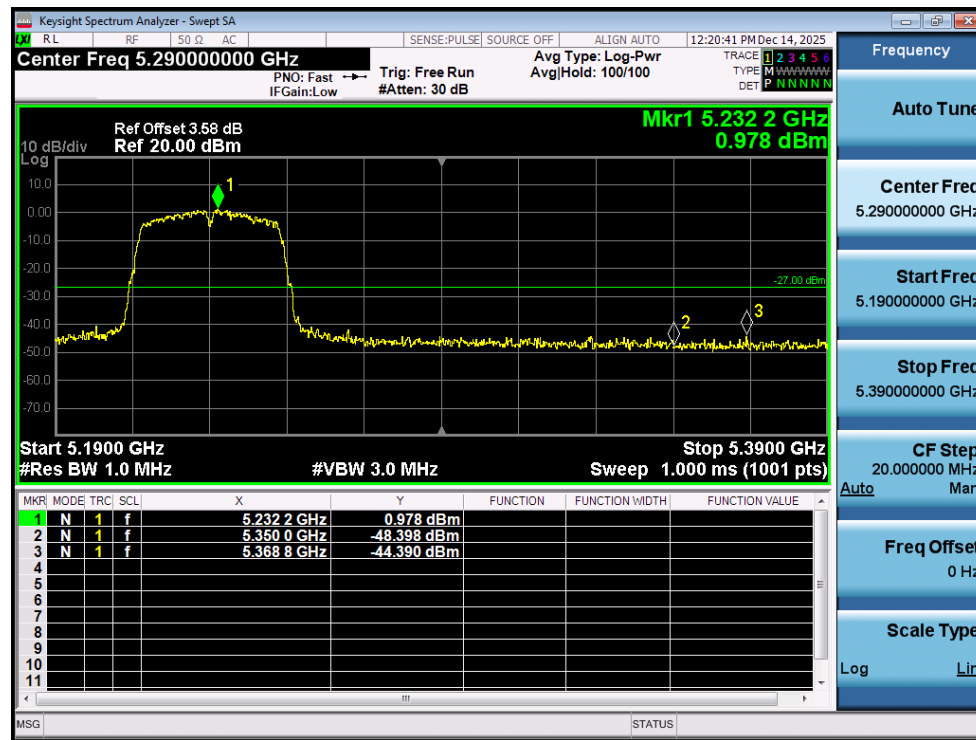
# Band Edge NVNT ac20 5240MHz High



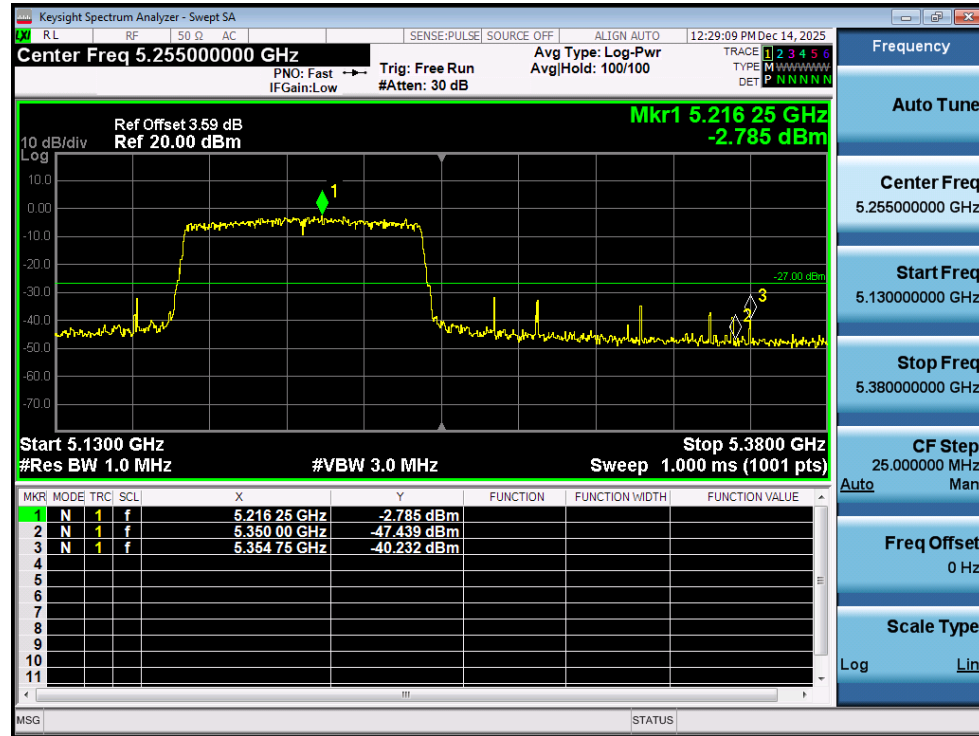
# Band Edge NVNT ac40 5190MHz Low



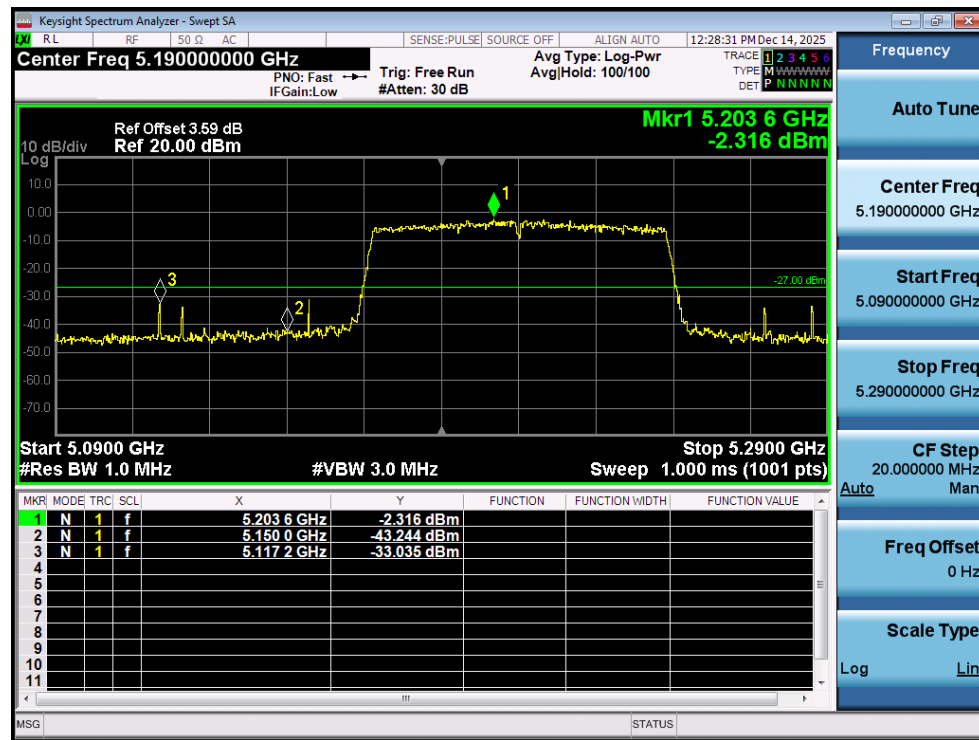
# Band Edge NVNT ac40 5230MHz High



# Band Edge NVNT ac80 5210MHz High



# Band Edge NVNT ac80 5210MHz Low

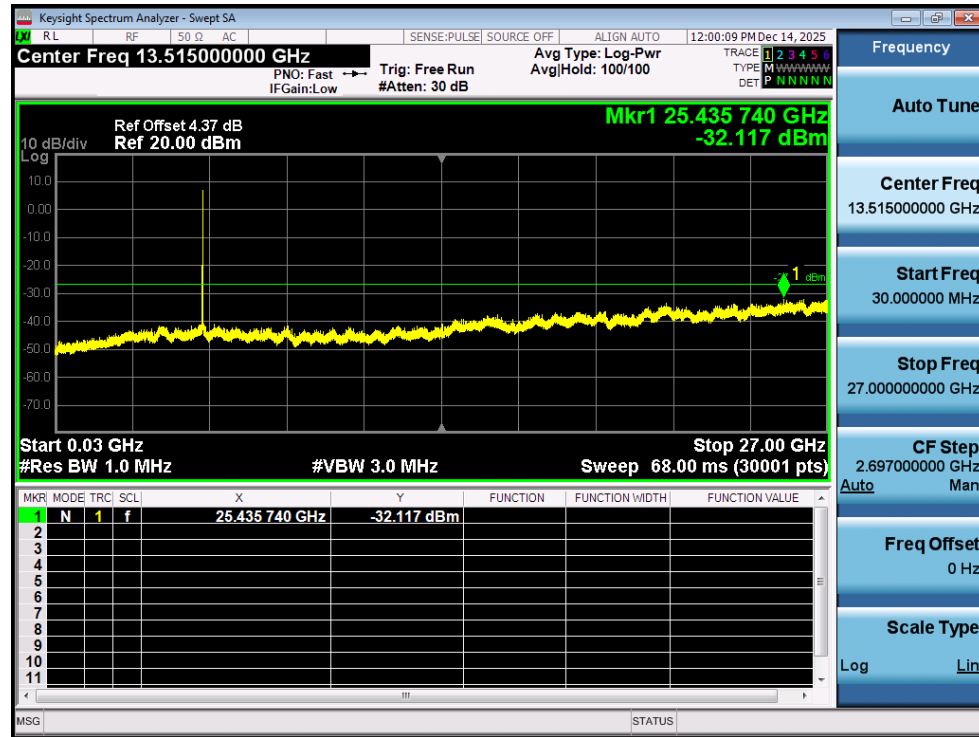


## Conducted RF Spurious Emission

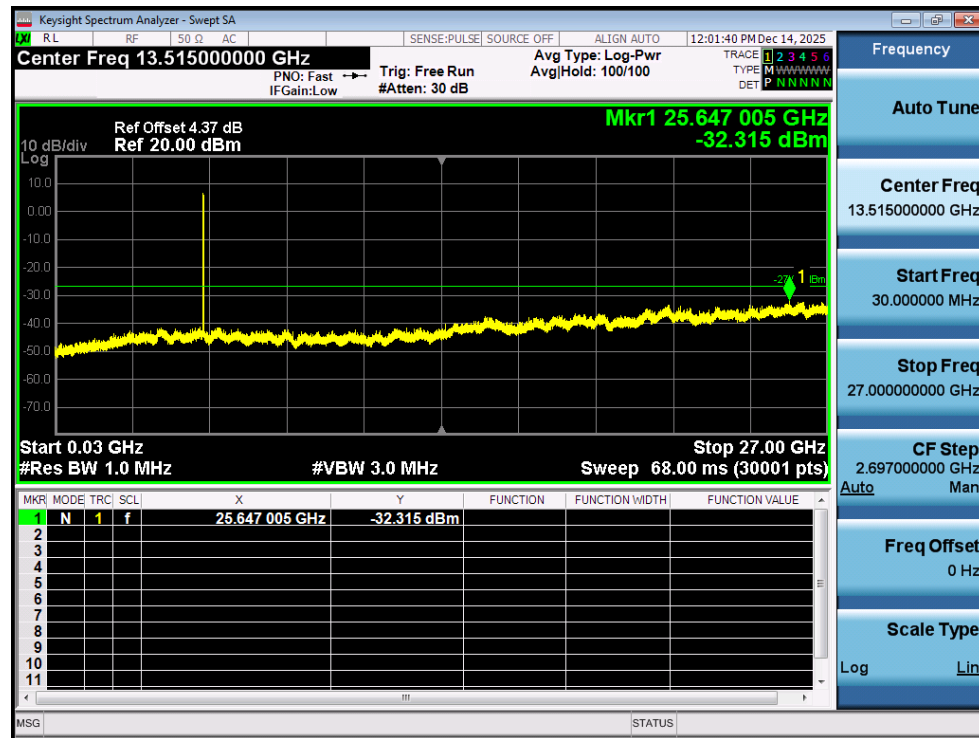
| Condition | Mode | Frequency (MHz) | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | -32.11          | -27         | Pass    |
| NVNT      | a    | 5200            | -32.31          | -27         | Pass    |
| NVNT      | a    | 5240            | -32.49          | -27         | Pass    |
| NVNT      | n20  | 5180            | -32.22          | -27         | Pass    |
| NVNT      | n20  | 5200            | -32.07          | -27         | Pass    |
| NVNT      | n20  | 5240            | -32.77          | -27         | Pass    |
| NVNT      | n40  | 5190            | -32.39          | -27         | Pass    |
| NVNT      | n40  | 5230            | -31.59          | -27         | Pass    |
| NVNT      | ac20 | 5180            | -32.11          | -27         | Pass    |
| NVNT      | ac20 | 5200            | -31.65          | -27         | Pass    |
| NVNT      | ac20 | 5240            | -31.89          | -27         | Pass    |
| NVNT      | ac40 | 5190            | -32.33          | -27         | Pass    |
| NVNT      | ac40 | 5230            | -31.77          | -27         | Pass    |
| NVNT      | ac80 | 5210            | -32.22          | -27         | Pass    |

# Test Graphs

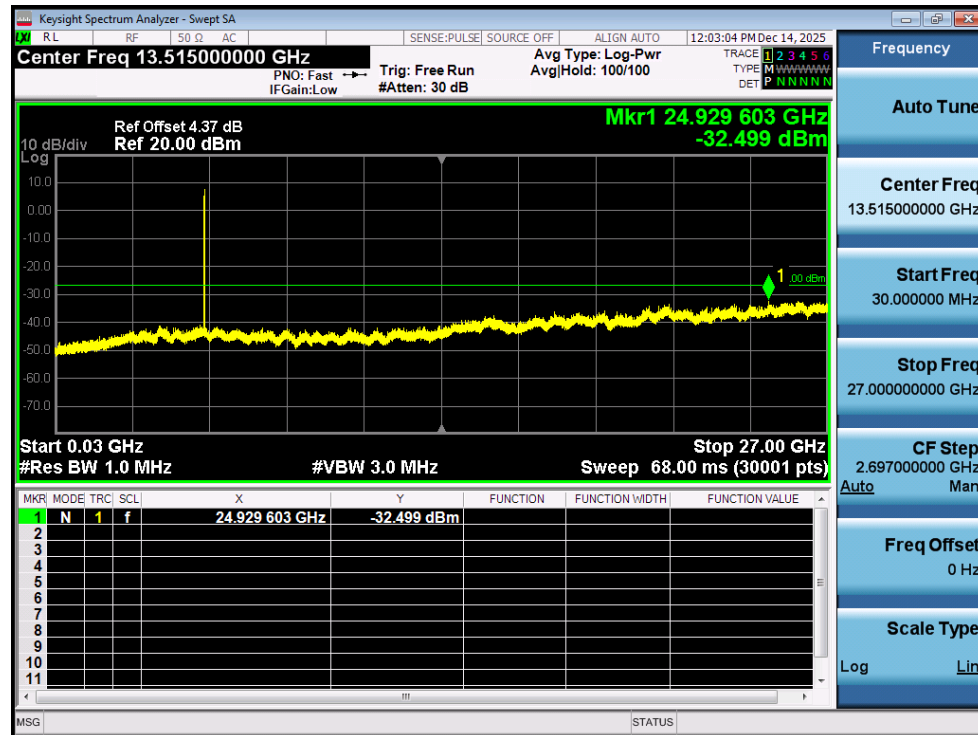
## Tx. Spurious NVNT a 5180MHz Emission



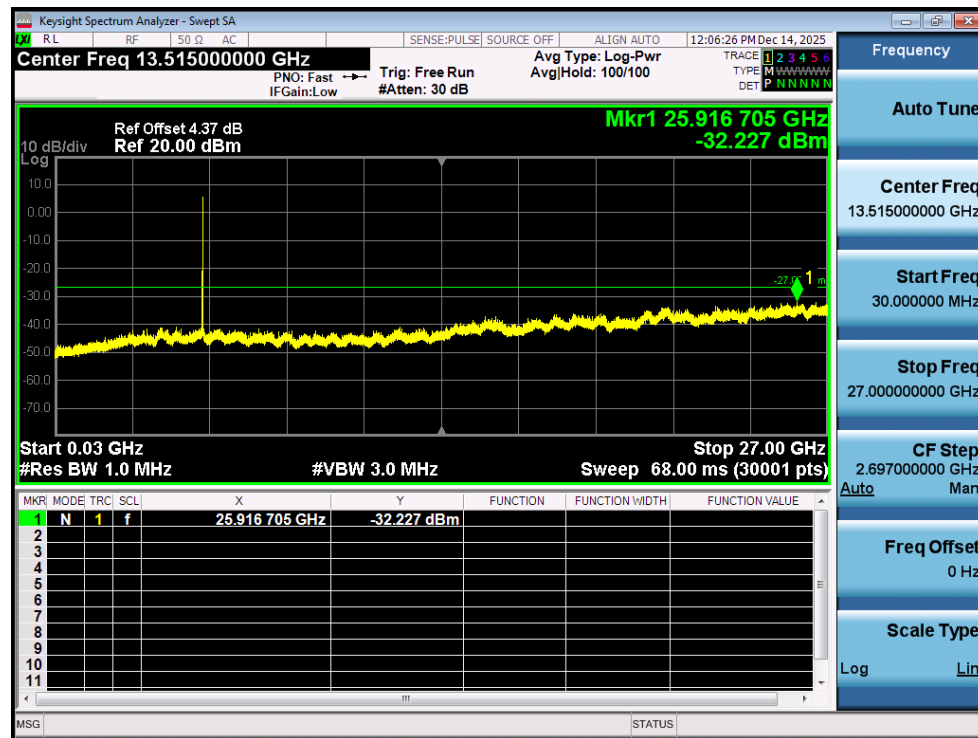
## Tx. Spurious NVNT a 5200MHz Emission



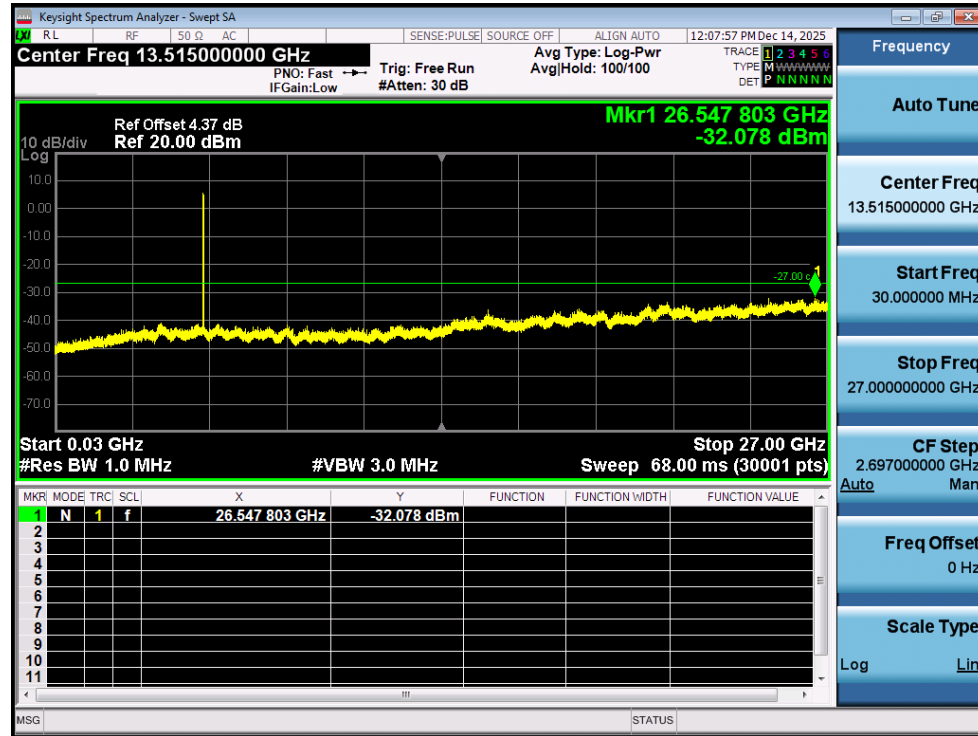
## Tx. Spurious NVNT a 5240MHz Emission



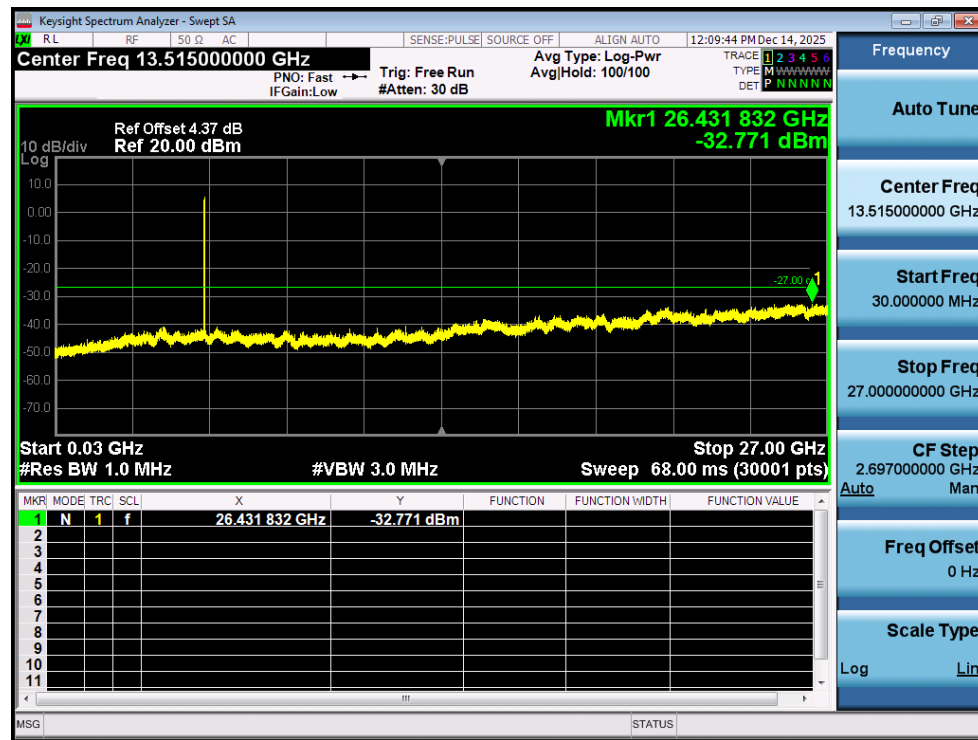
## Tx. Spurious NVNT n20 5180MHz Emission



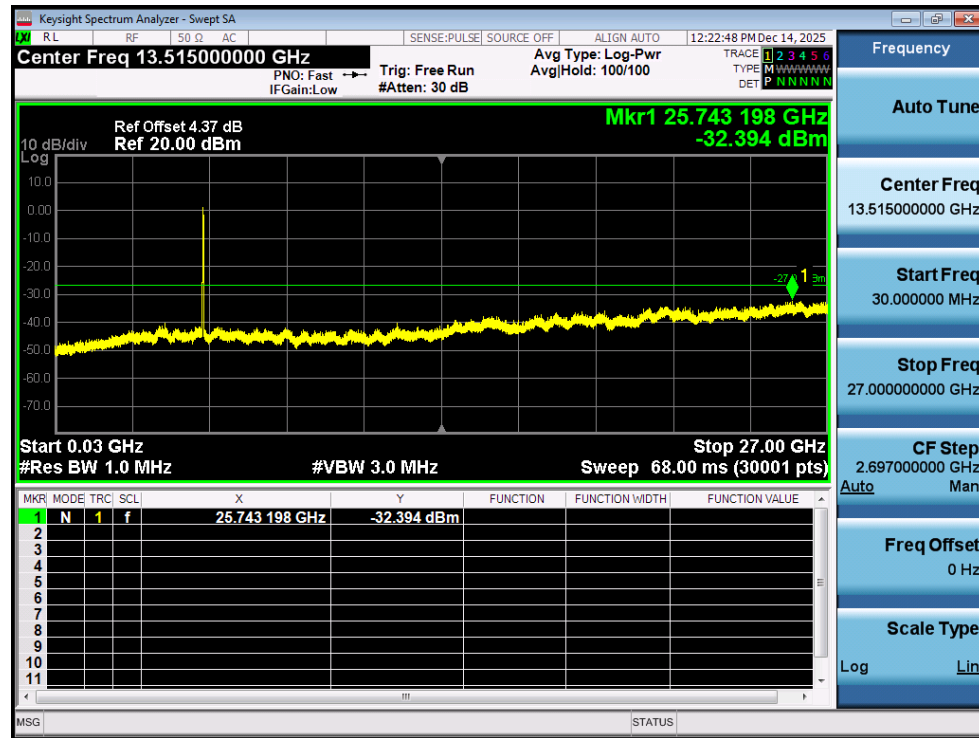
## Tx. Spurious NVNT n20 5200MHz Emission



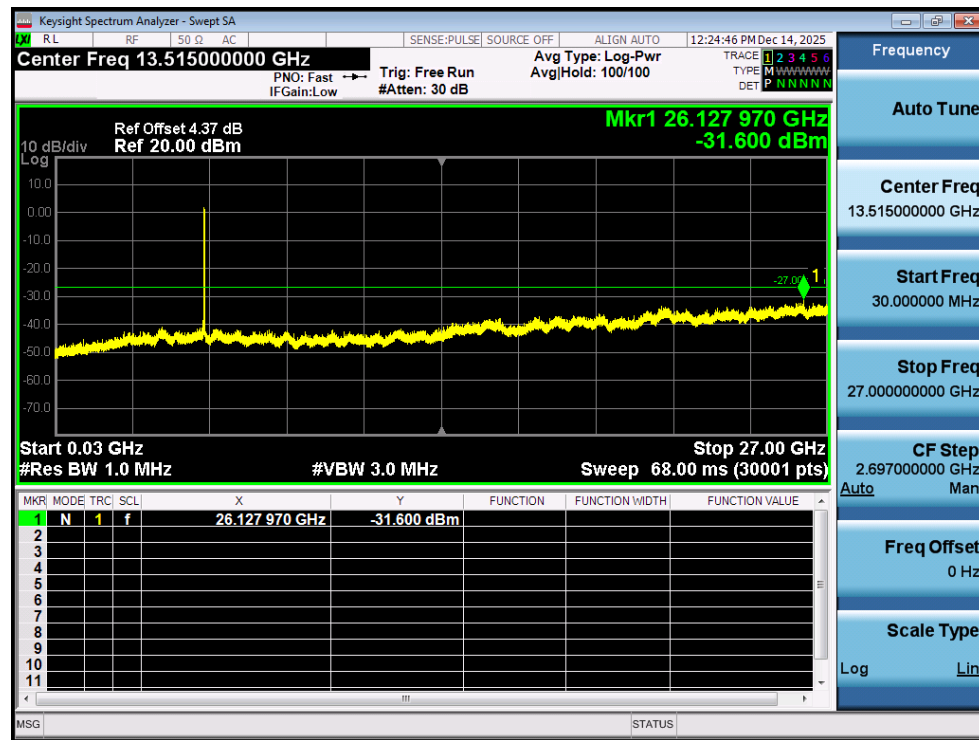
## Tx. Spurious NVNT n20 5240MHz Emission



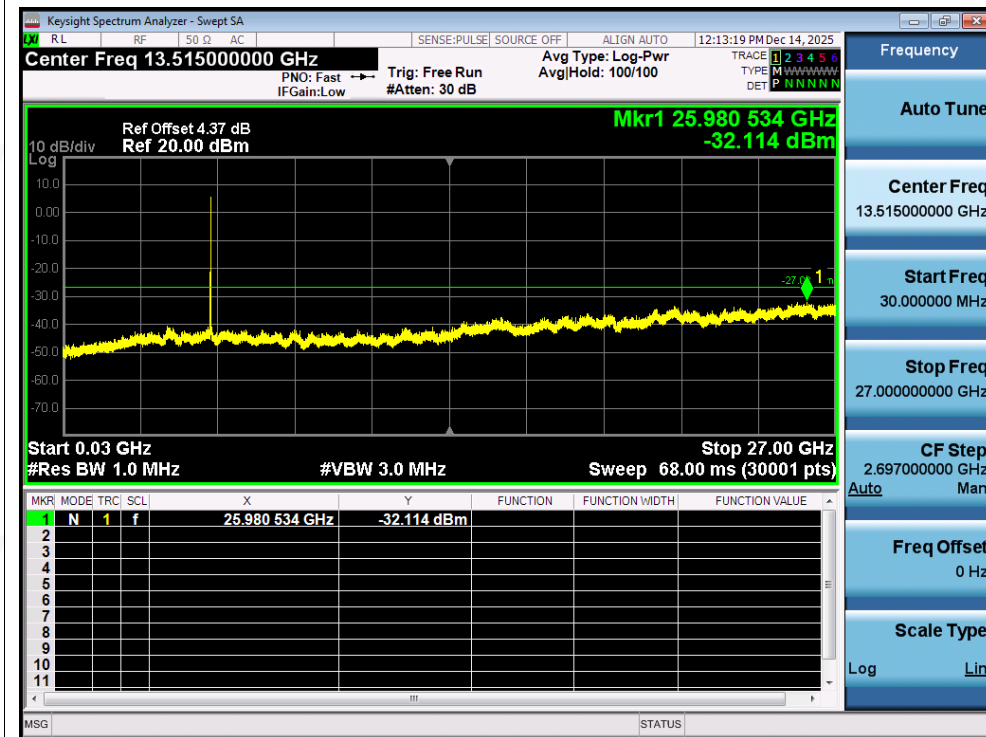
## Tx. Spurious NVNT n40 5190MHz Emission



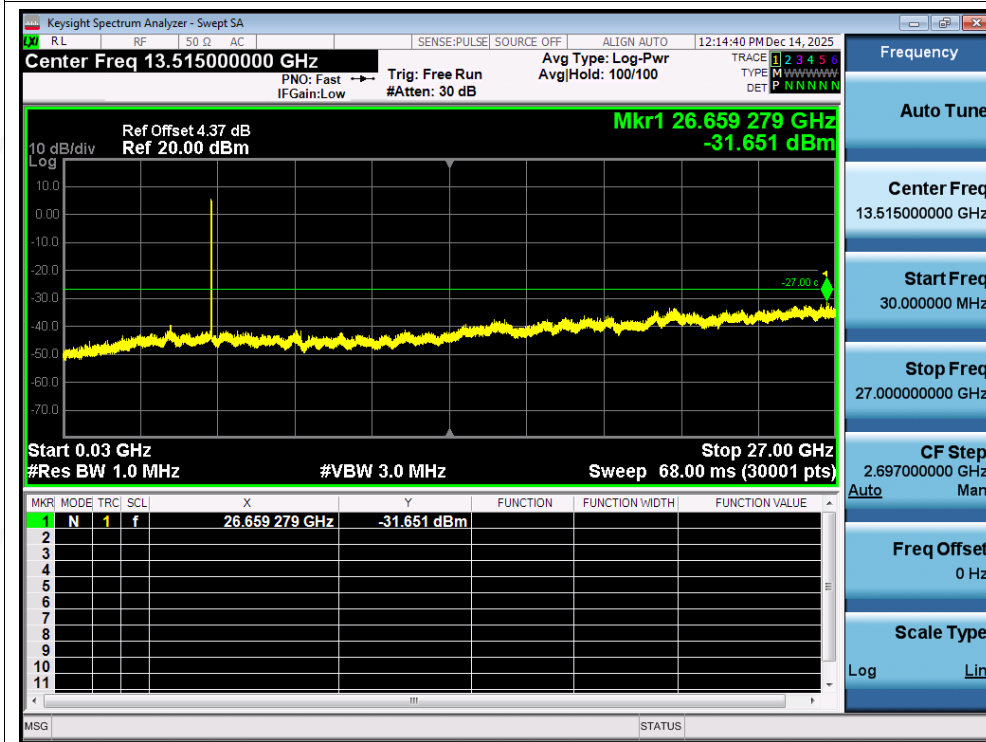
## Tx. Spurious NVNT n40 5230MHz Emission



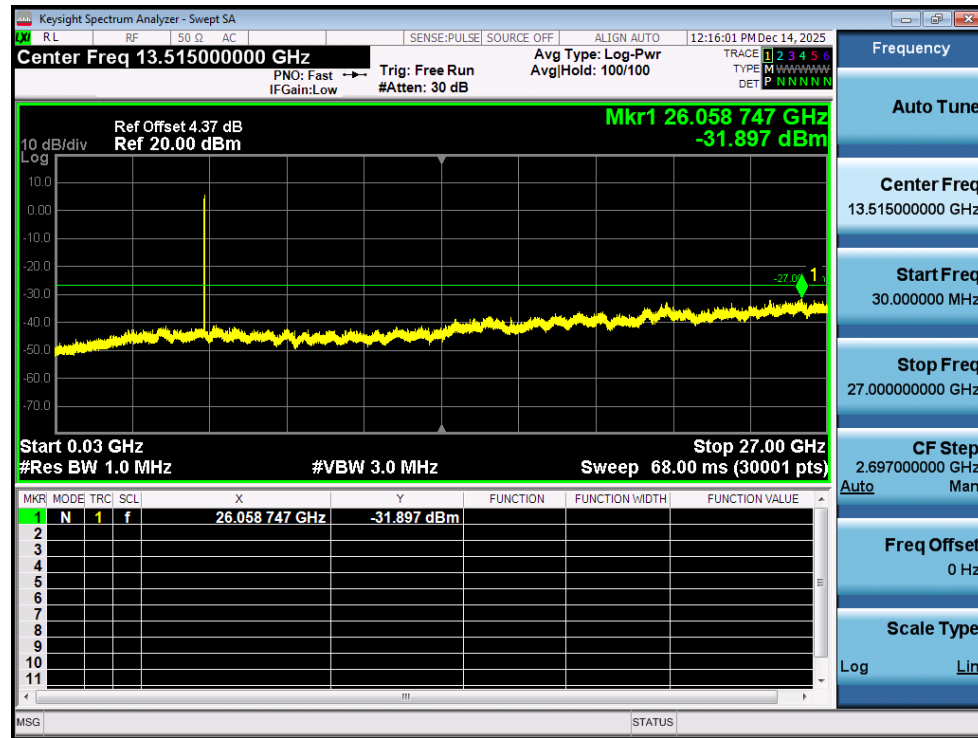
## Tx. Spurious NVNT ac20 5180MHz Emission



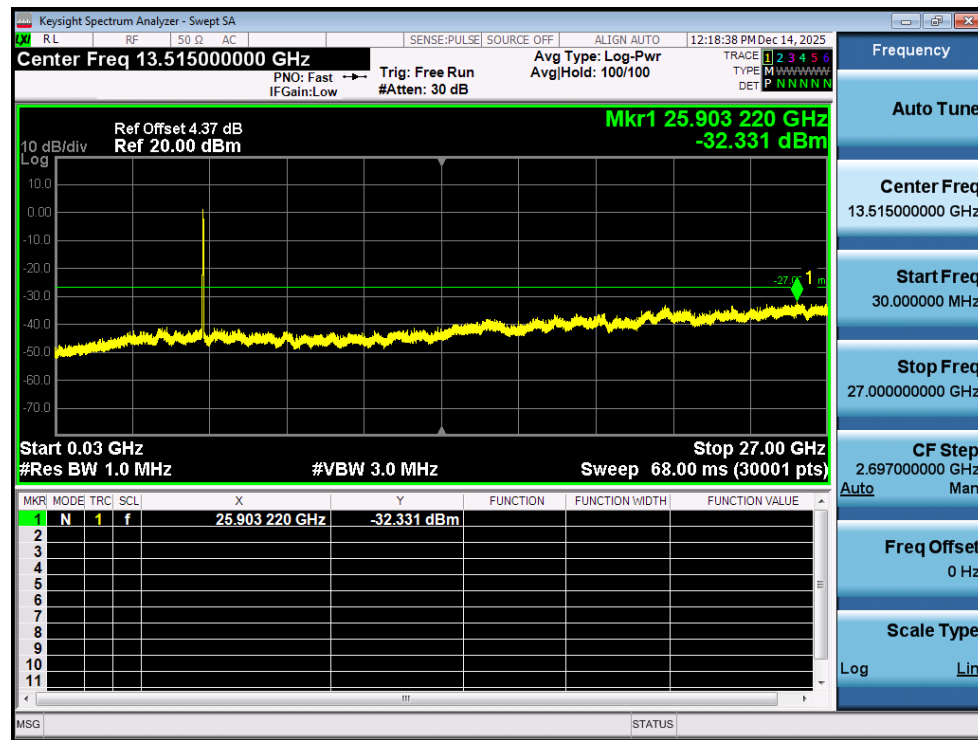
## Tx. Spurious NVNT ac20 5200MHz Emission



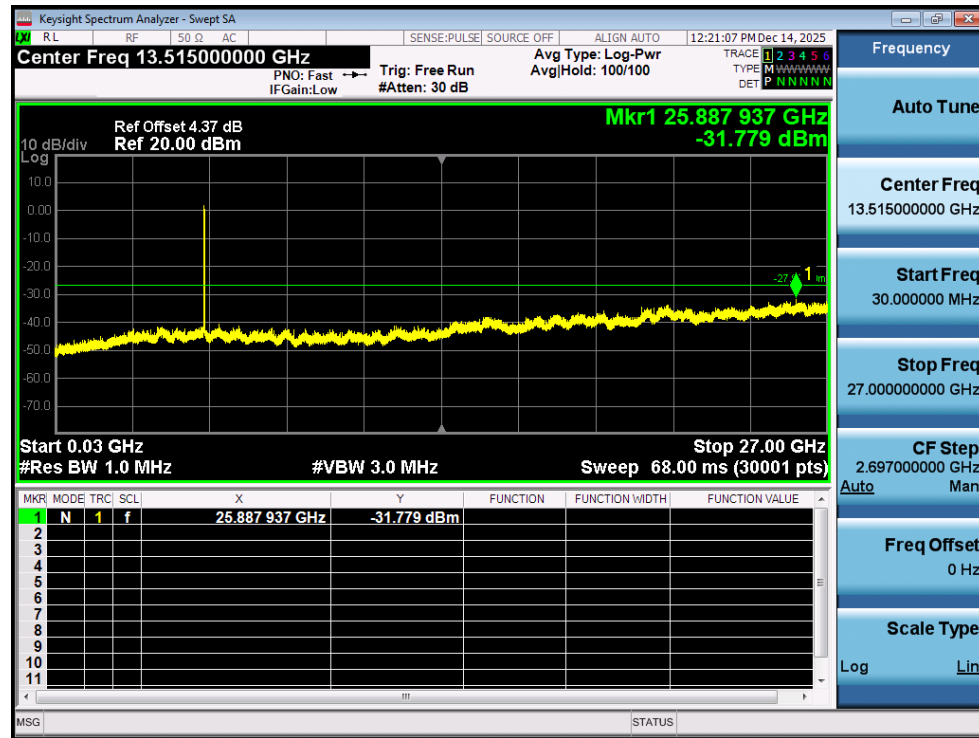
## Tx. Spurious NVNT ac20 5240MHz Emission



## Tx. Spurious NVNT ac40 5190MHz Emission



## Tx. Spurious NVNT ac40 5230MHz Emission



## Tx. Spurious NVNT ac80 5210MHz Emission

