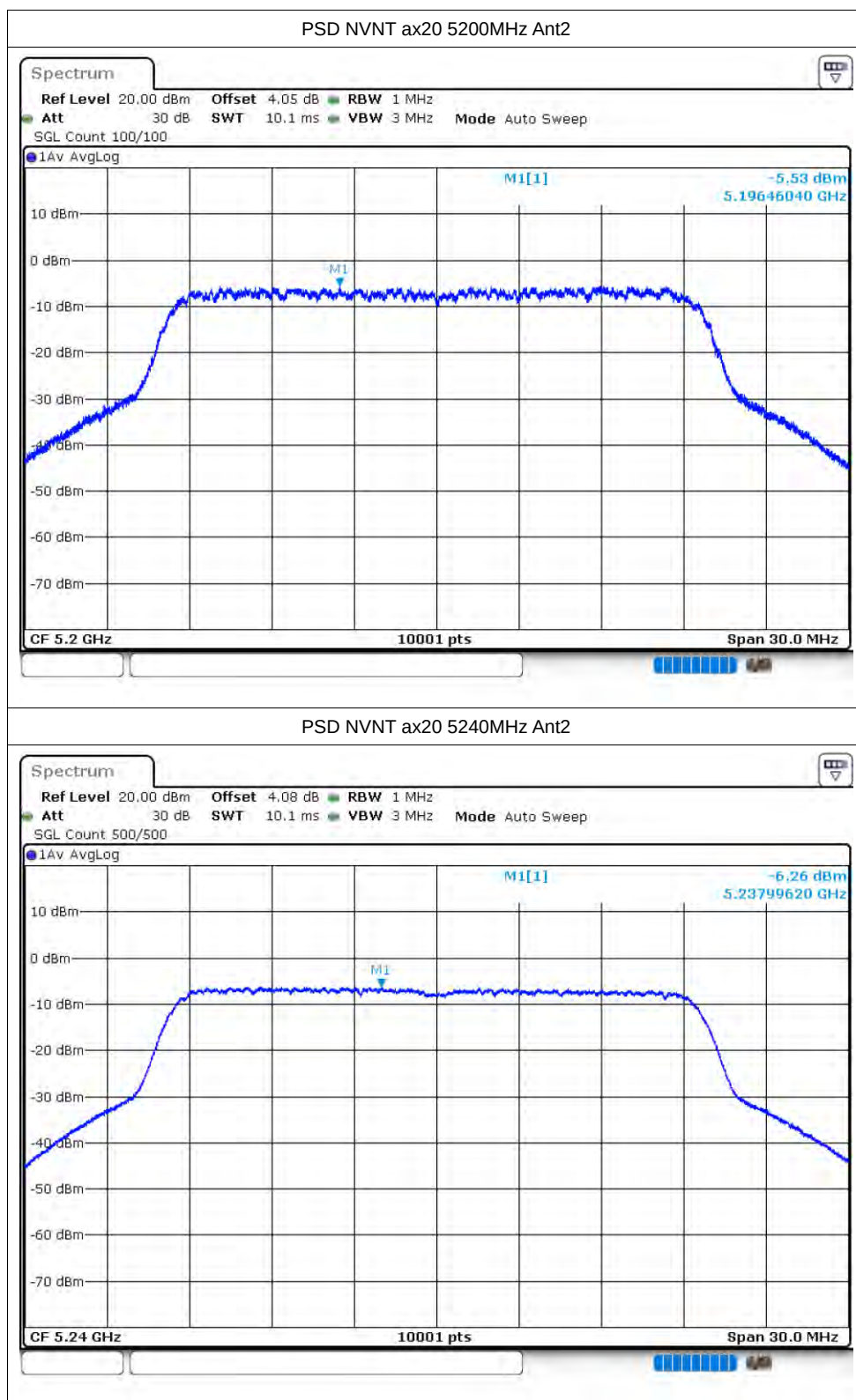
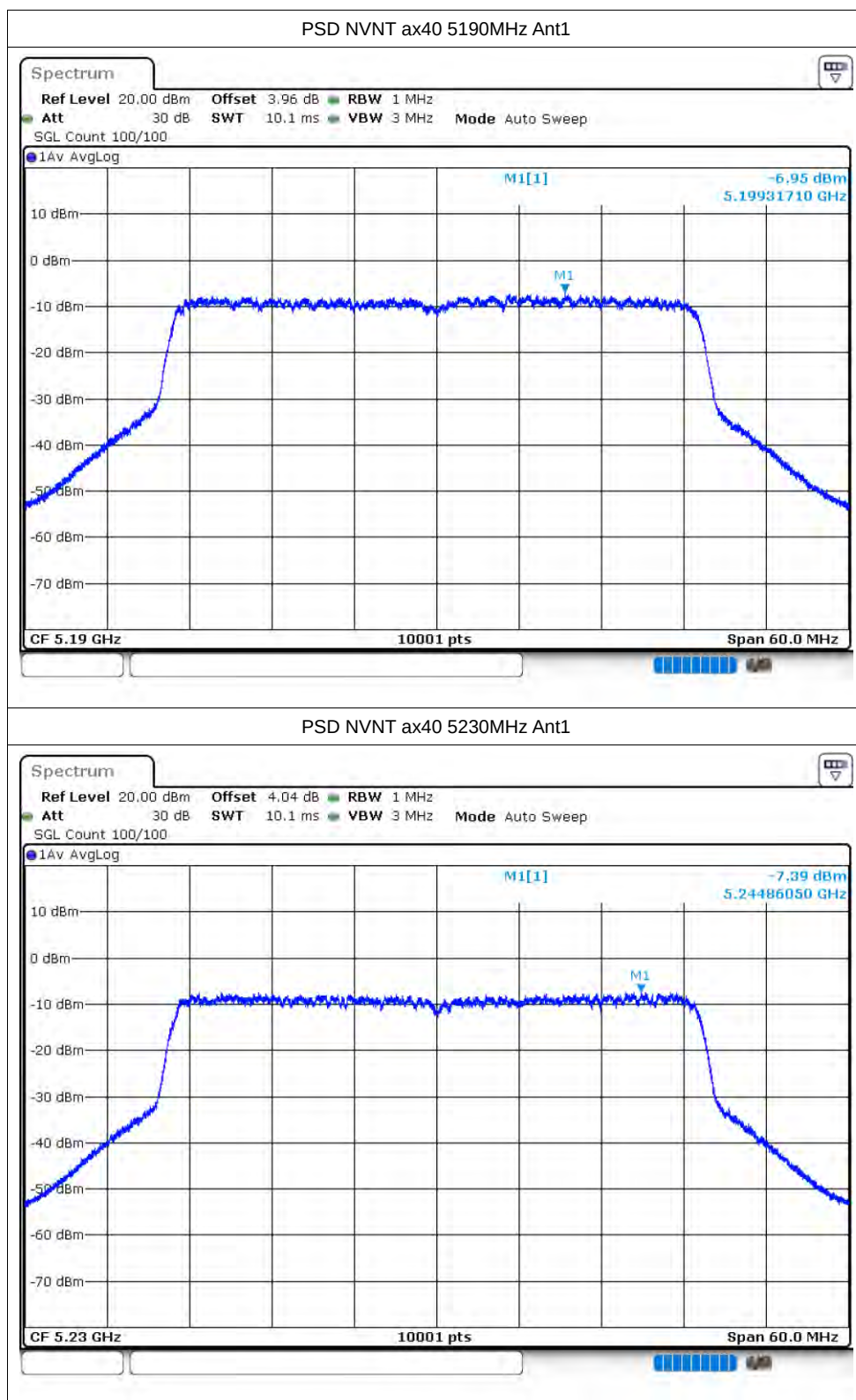
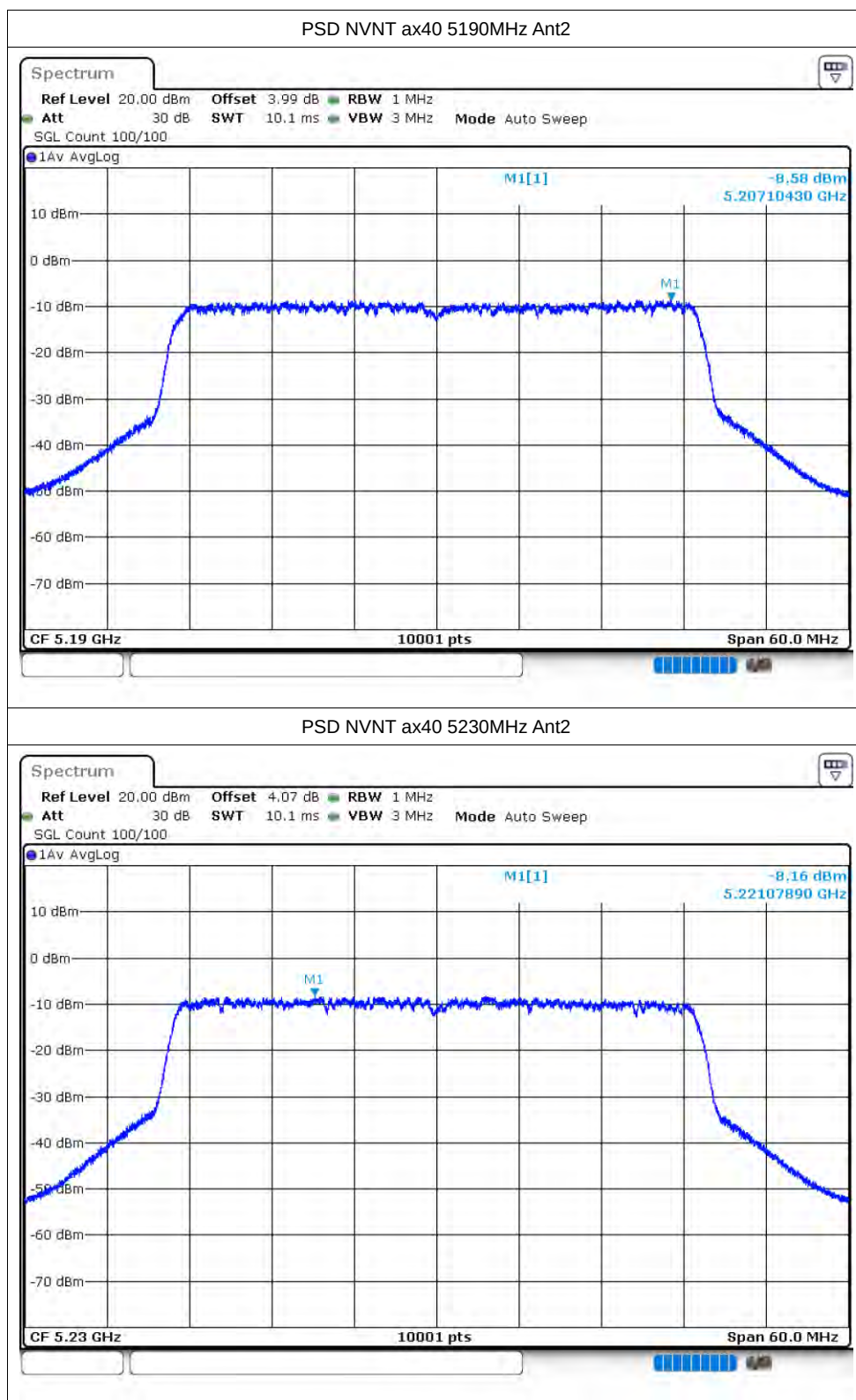
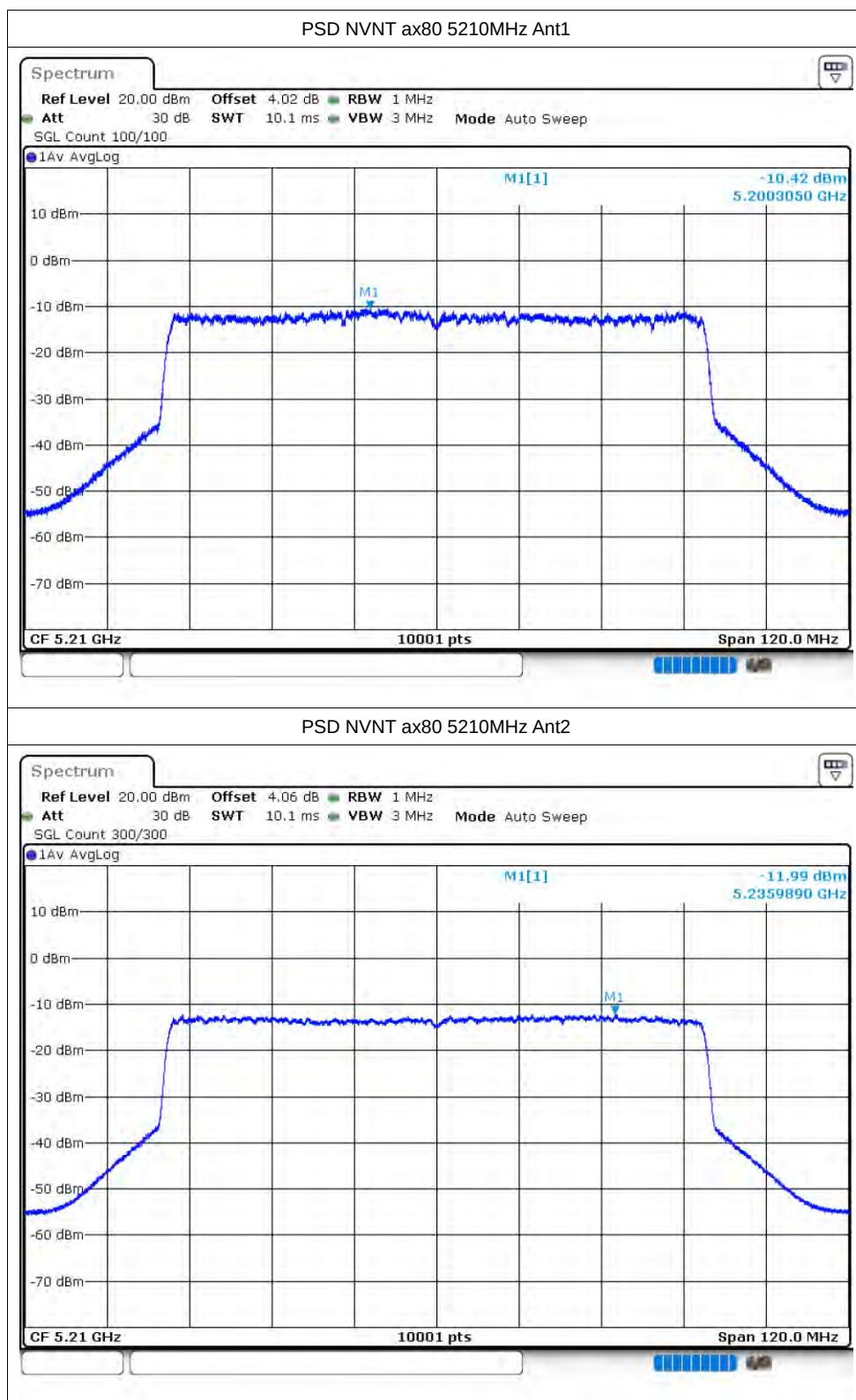










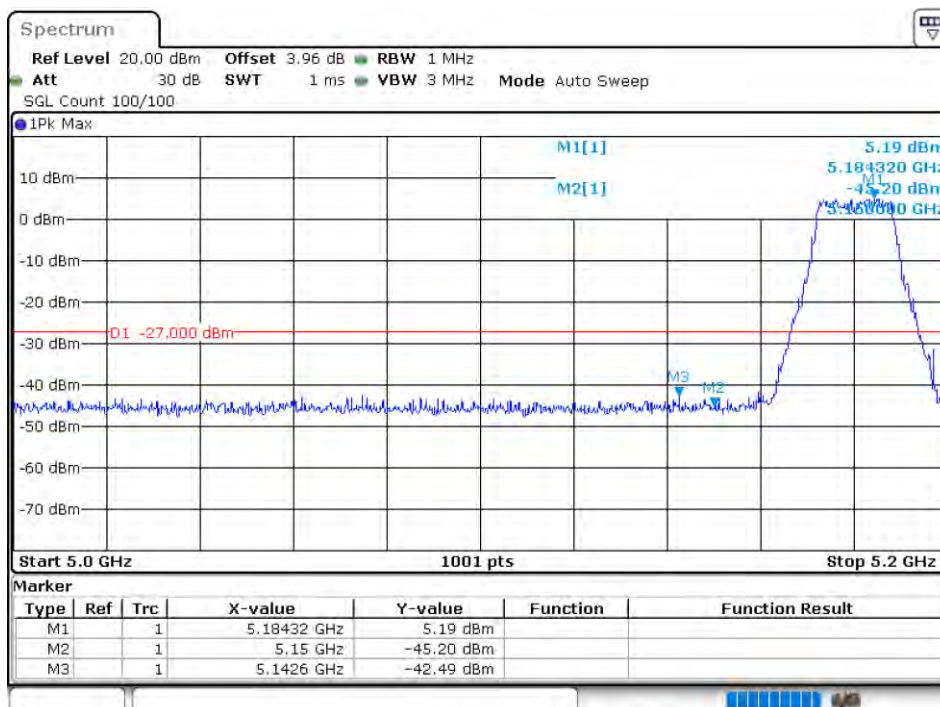
## Band Edge

| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a     | 5180            | Ant1    | -42.49          | -27         | Pass    |
| NVNT      | a     | 5240            | Ant1    | -42.19          | -27         | Pass    |
| NVNT      | a     | 5180            | Ant2    | -37.21          | -27         | Pass    |
| NVNT      | a     | 5240            | Ant2    | -36.85          | -27         | Pass    |
| NVNT      | n20   | 5180            | Ant1    | -42.21          | -27         | Pass    |
| NVNT      | n20   | 5240            | Ant1    | -42.58          | -27         | Pass    |
| NVNT      | n20   | 5180            | Ant2    | -36.77          | -27         | Pass    |
| NVNT      | n20   | 5240            | Ant2    | -35.96          | -27         | Pass    |
| NVNT      | n40   | 5190            | Ant1    | -43.12          | -27         | Pass    |
| NVNT      | n40   | 5230            | Ant1    | -41.96          | -27         | Pass    |
| NVNT      | n40   | 5190            | Ant2    | -36.74          | -27         | Pass    |
| NVNT      | n40   | 5230            | Ant2    | -37.71          | -27         | Pass    |
| NVNT      | ac20  | 5180            | Ant1    | -43.14          | -27         | Pass    |
| NVNT      | ac20  | 5240            | Ant1    | -42.13          | -27         | Pass    |
| NVNT      | ac20  | 5180            | Ant2    | -37.48          | -27         | Pass    |
| NVNT      | ac20  | 5240            | Ant2    | -35.76          | -27         | Pass    |
| NVNT      | ac40  | 5190            | Ant1    | -42.34          | -27         | Pass    |
| NVNT      | ac40  | 5230            | Ant1    | -42.19          | -27         | Pass    |
| NVNT      | ac40  | 5190            | Ant2    | -37.39          | -27         | Pass    |
| NVNT      | ac40  | 5230            | Ant2    | -36.63          | -27         | Pass    |
| NVNT      | ac80  | 5210            | Ant1    | -42.95          | -27         | Pass    |
| NVNT      | ac80  | 5210            | Ant1    | -42.64          | -27         | Pass    |
| NVNT      | ac80  | 5210            | Ant2    | -42.93          | -27         | Pass    |
| NVNT      | ac80  | 5210            | Ant2    | -43.14          | -27         | Pass    |
| NVNT      | ac160 | 5250            | Ant1    | -33.87          | -27         | Pass    |
| NVNT      | ac160 | 5250            | Ant1    | -37.86          | -27         | Pass    |
| NVNT      | ac160 | 5250            | Ant2    | -34.73          | -27         | Pass    |
| NVNT      | ac160 | 5250            | Ant2    | -37.13          | -27         | Pass    |
| NVNT      | ax160 | 5250            | Ant1    | -42.57          | -27         | Pass    |
| NVNT      | ax160 | 5250            | Ant1    | -37.83          | -27         | Pass    |
| NVNT      | ax160 | 5250            | Ant2    | -39.93          | -27         | Pass    |
| NVNT      | ax160 | 5250            | Ant2    | -41.43          | -27         | Pass    |
| NVNT      | ax20  | 5180            | Ant1    | -42.6           | -27         | Pass    |
| NVNT      | ax20  | 5240            | Ant1    | -42.71          | -27         | Pass    |
| NVNT      | ax20  | 5180            | Ant2    | -36.95          | -27         | Pass    |
| NVNT      | ax20  | 5240            | Ant2    | -36.99          | -27         | Pass    |
| NVNT      | ax40  | 5190            | Ant1    | -42.57          | -27         | Pass    |
| NVNT      | ax40  | 5230            | Ant1    | -42.59          | -27         | Pass    |
| NVNT      | ax40  | 5190            | Ant2    | -37.25          | -27         | Pass    |
| NVNT      | ax40  | 5230            | Ant2    | -36.73          | -27         | Pass    |
| NVNT      | ax80  | 5210            | Ant1    | -43.11          | -27         | Pass    |

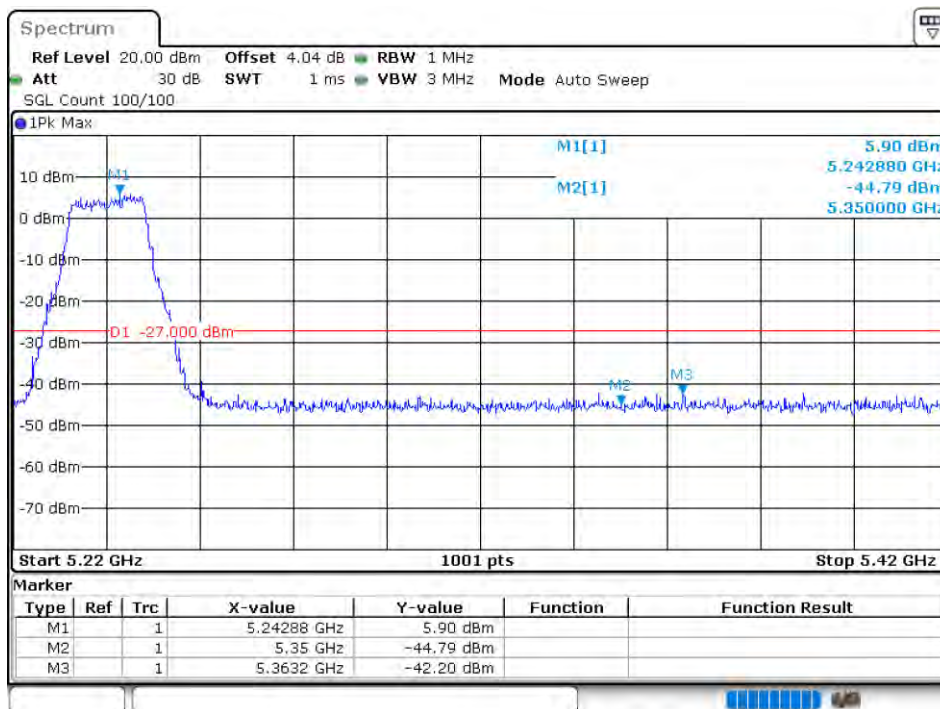
|      |      |      |      |        |     |      |
|------|------|------|------|--------|-----|------|
| NVNT | ax80 | 5210 | Ant1 | -42.23 | -27 | Pass |
| NVNT | ax80 | 5210 | Ant2 | -43.22 | -27 | Pass |
| NVNT | ax80 | 5210 | Ant2 | -43.04 | -27 | Pass |

## Test Graphs

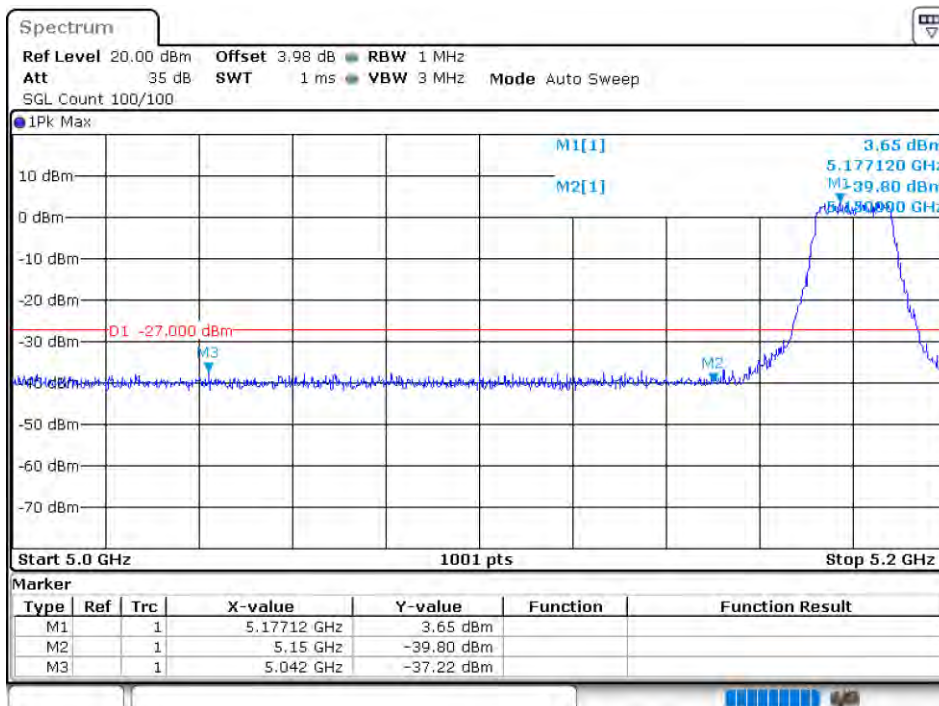
### Band Edge NVNT a 5180MHz Low Ant1



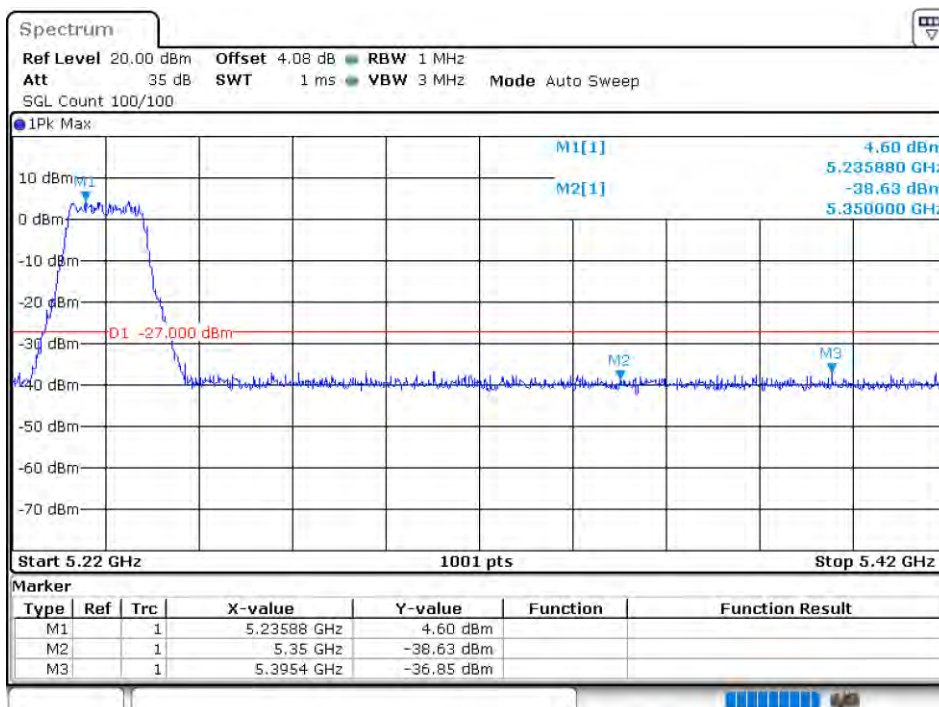
### Band Edge NVNT a 5240MHz High Ant1



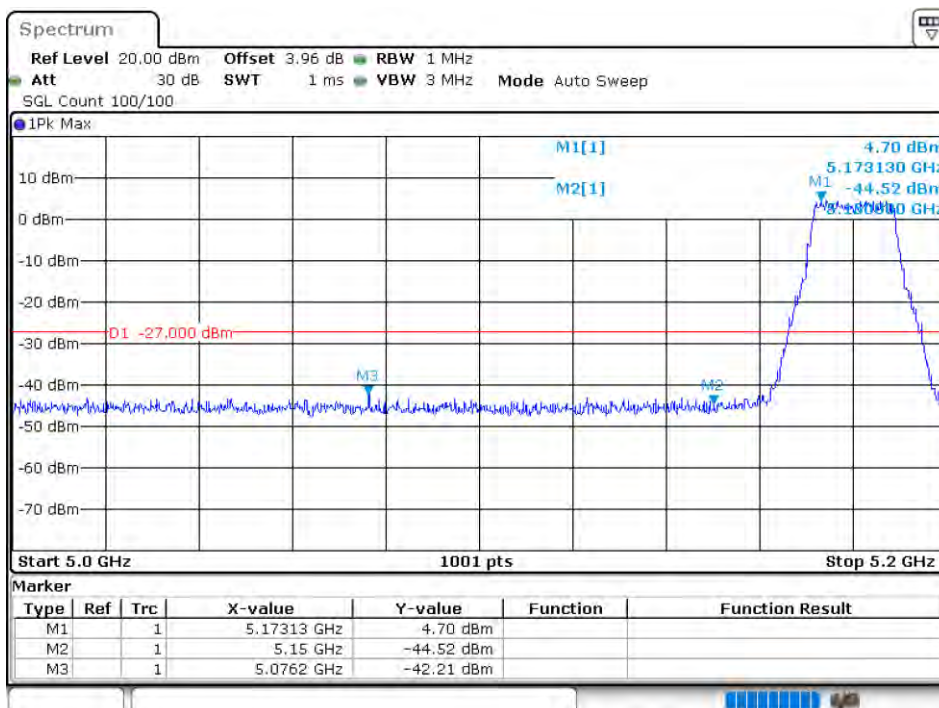
### Band Edge NVNT a 5180MHz Low Ant2



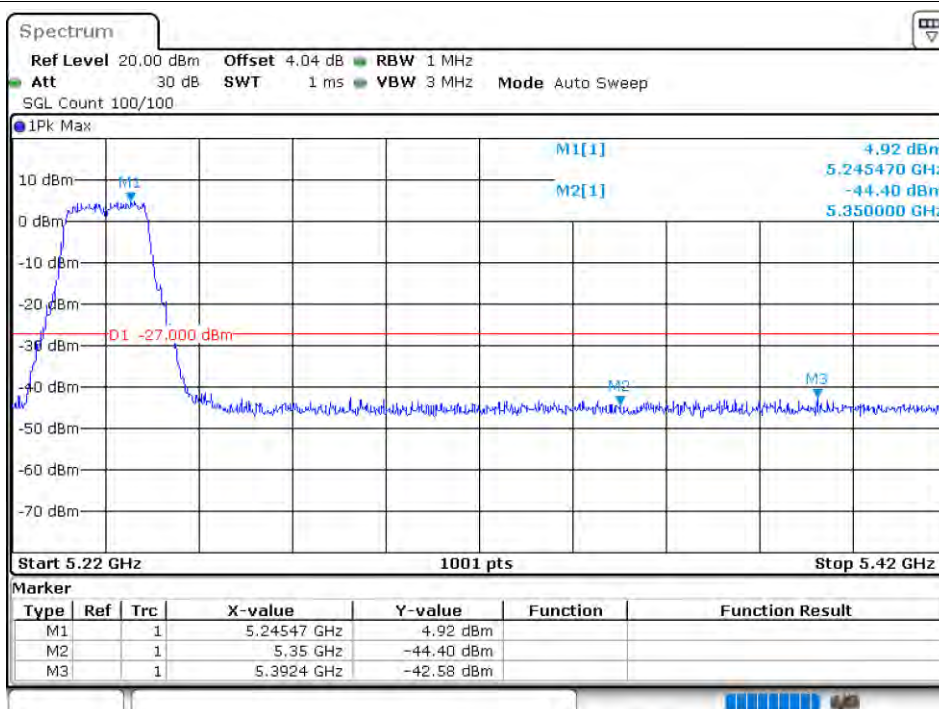
### Band Edge NVNT a 5240MHz High Ant2



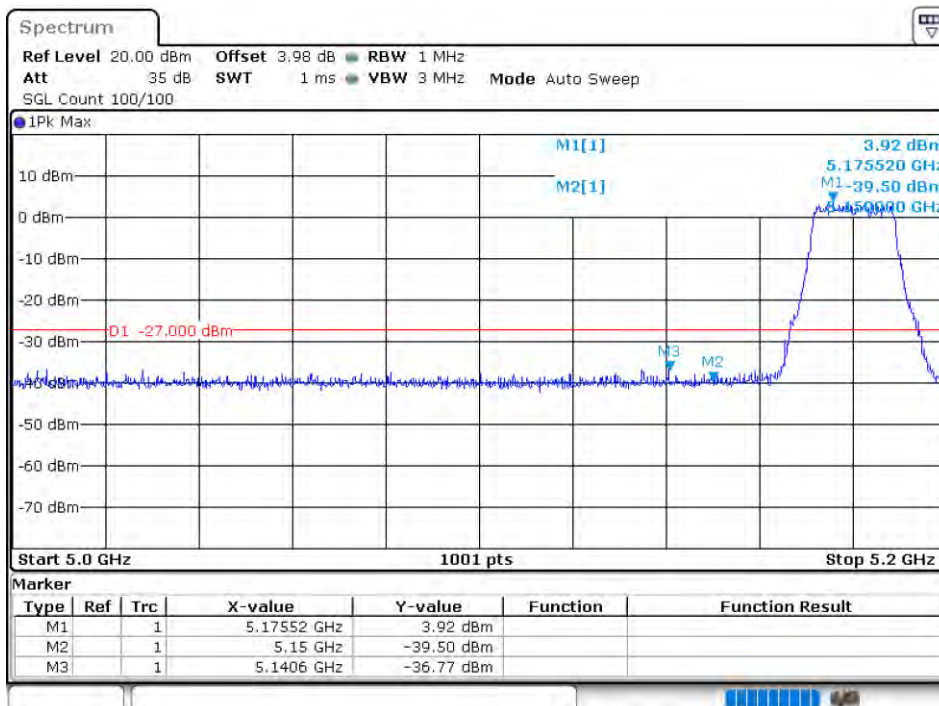
### Band Edge NVNT n20 5180MHz Low Ant1



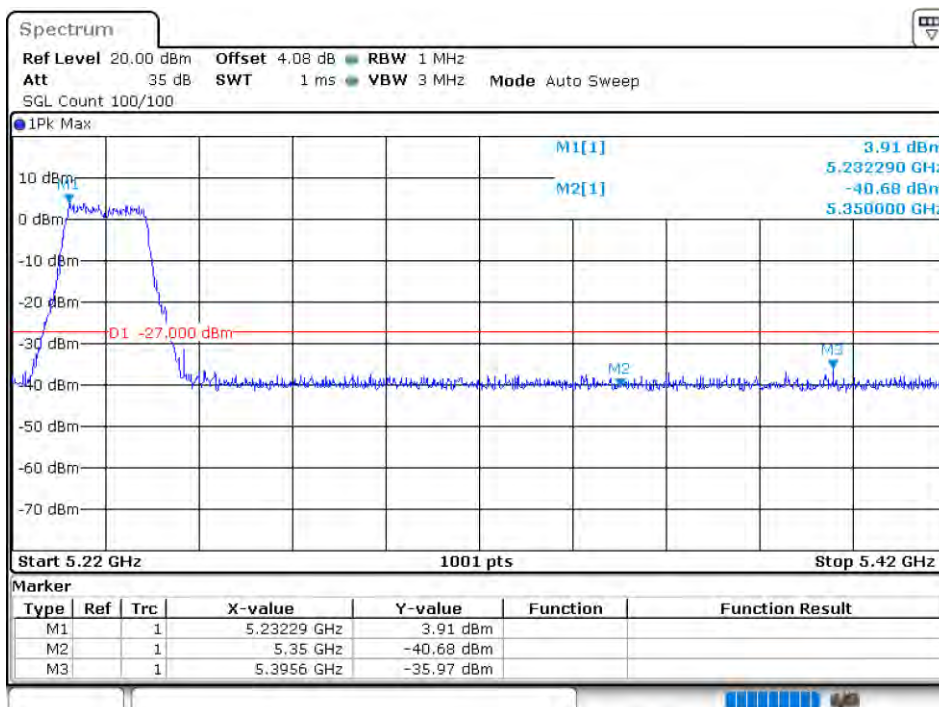
### Band Edge NVNT n20 5240MHz High Ant1



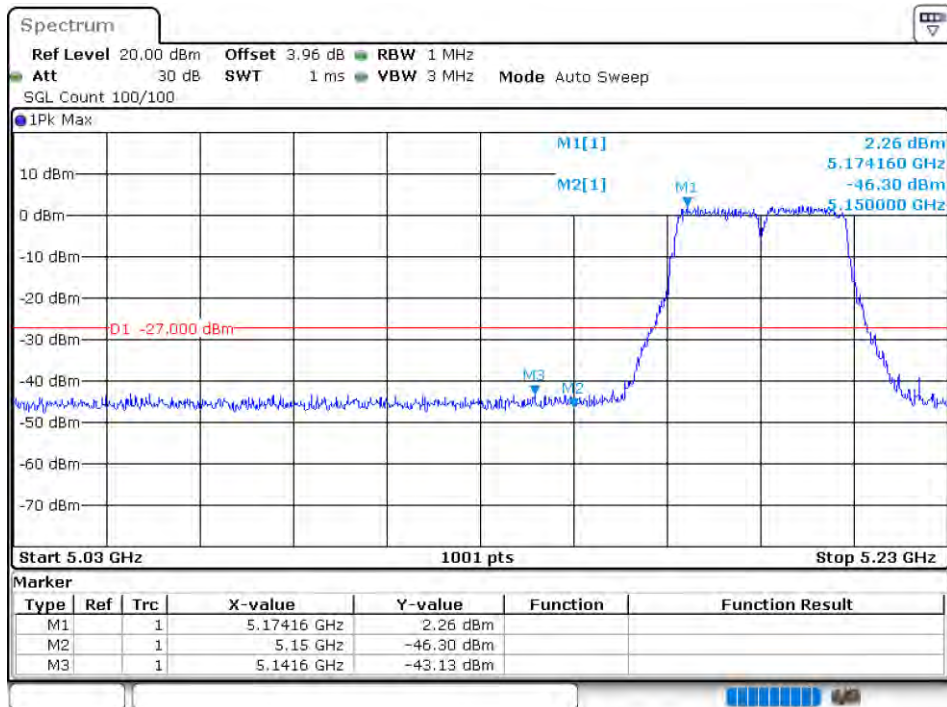
### Band Edge NVNT n20 5180MHz Low Ant2



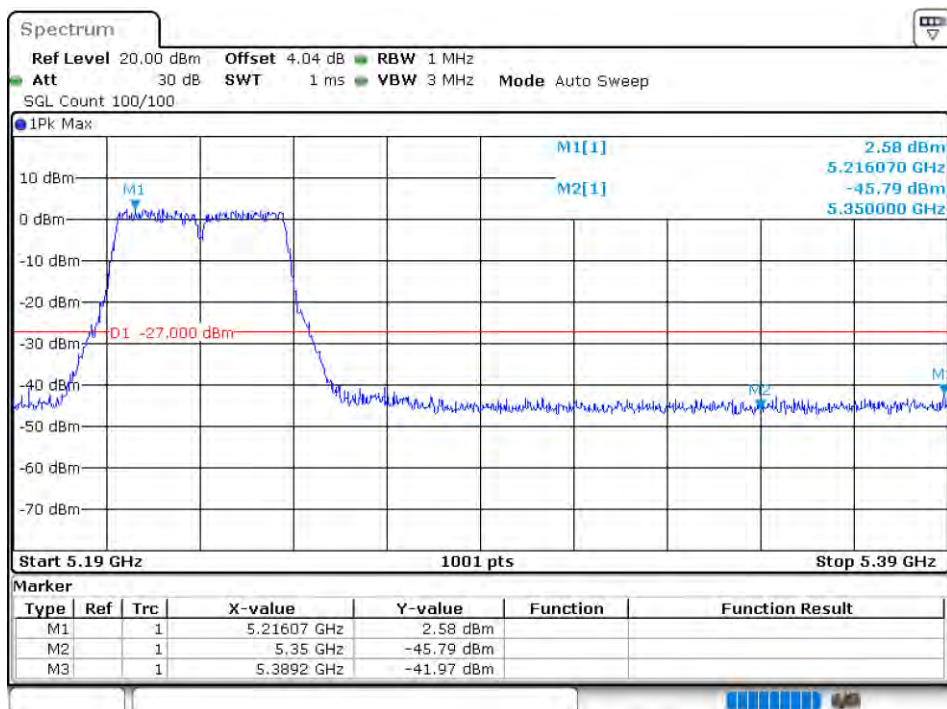
### Band Edge NVNT n20 5240MHz High Ant2



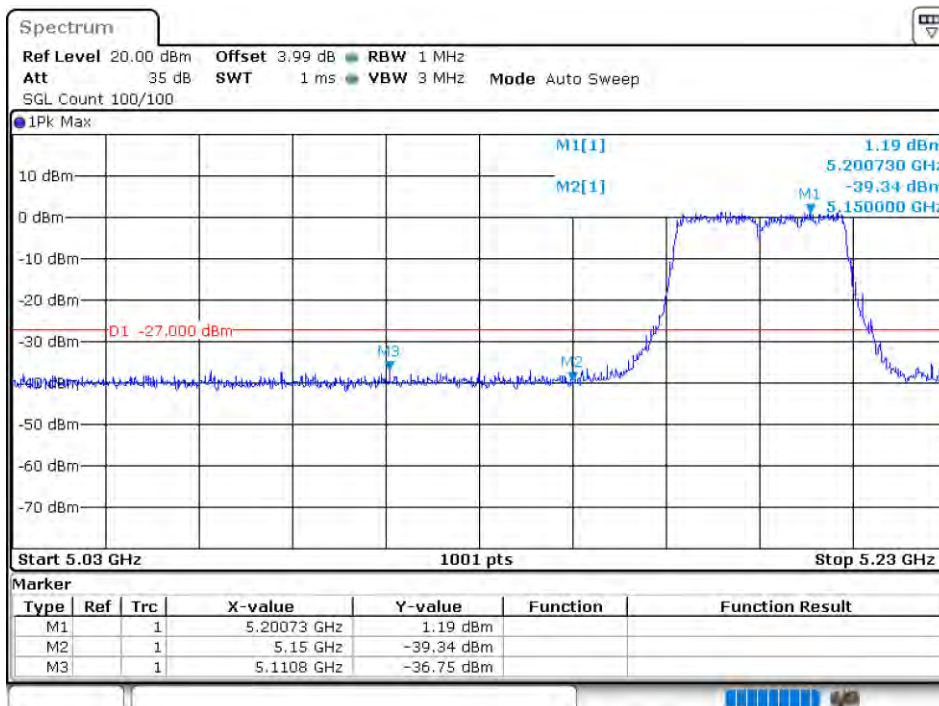
Band Edge NVNT n40 5190MHz Low Ant1



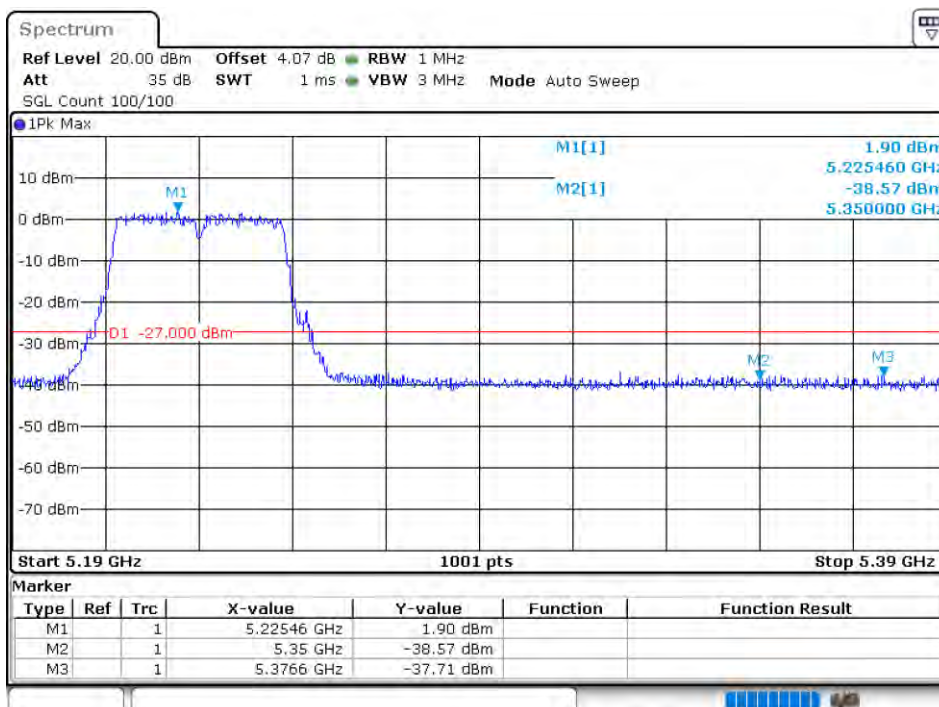
Band Edge NVNT n40 5230MHz High Ant1



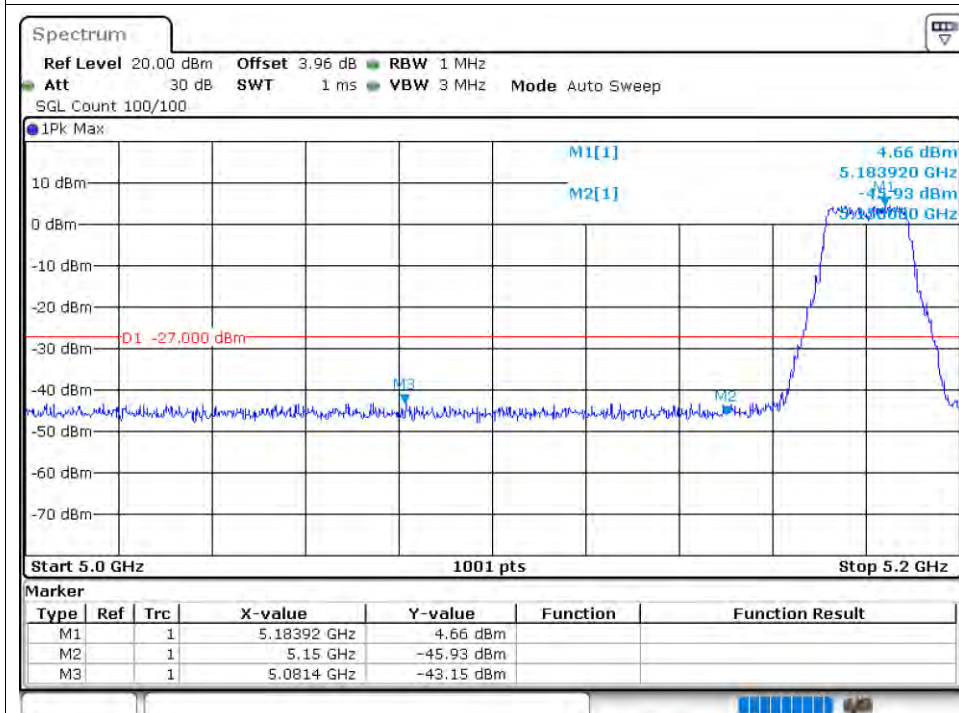
### Band Edge NVNT n40 5190MHz Low Ant2



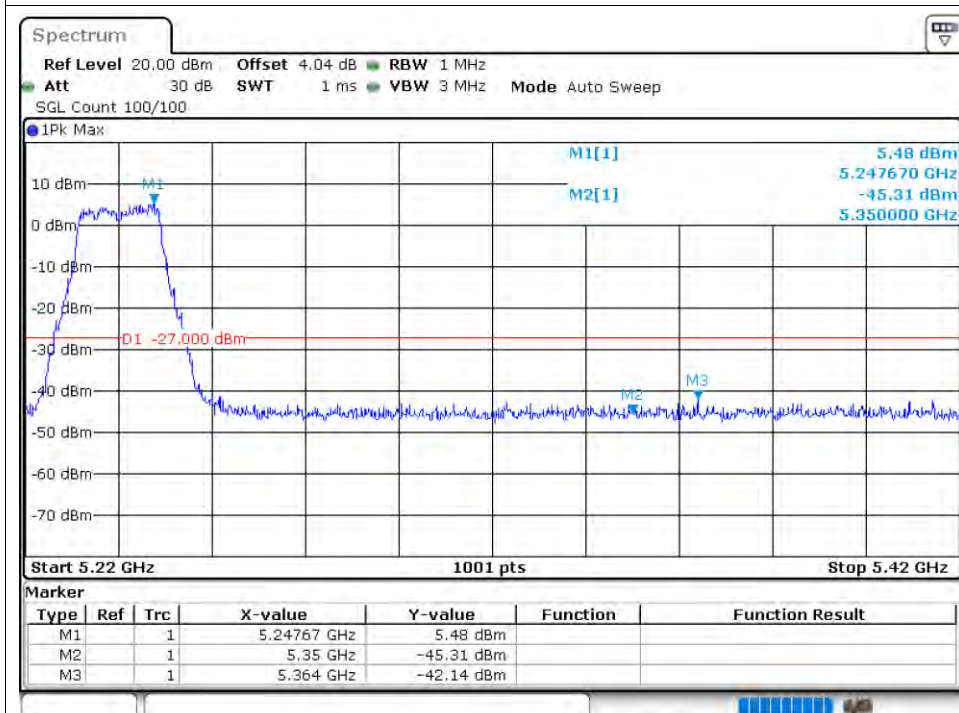
### Band Edge NVNT n40 5230MHz High Ant2



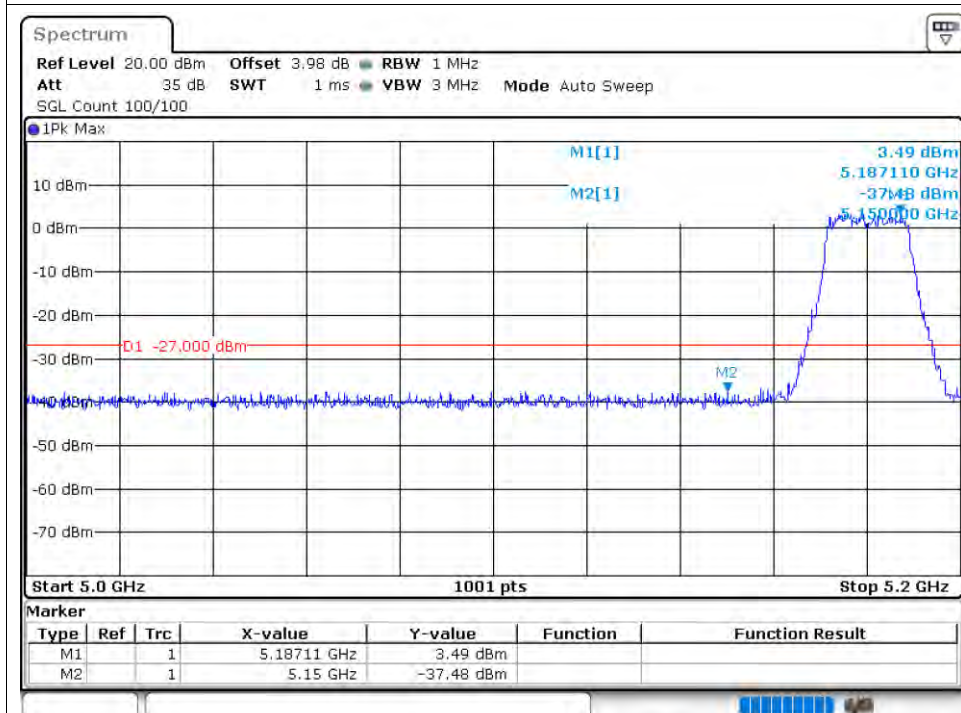
### Band Edge NVNT ac20 5180MHz Low Ant1



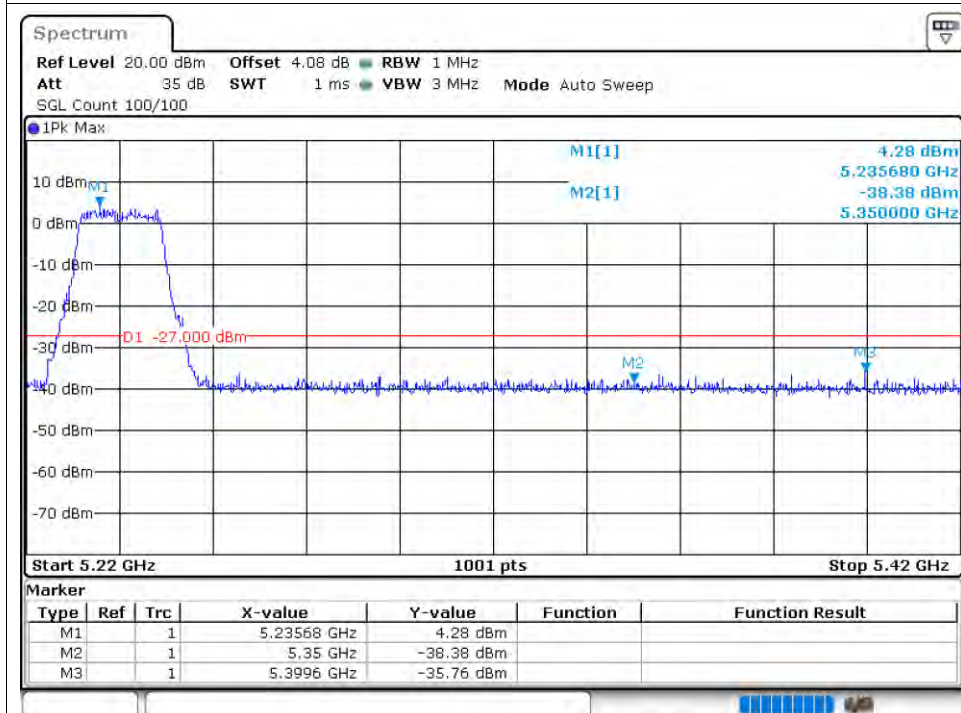
### Band Edge NVNT ac20 5240MHz High Ant1



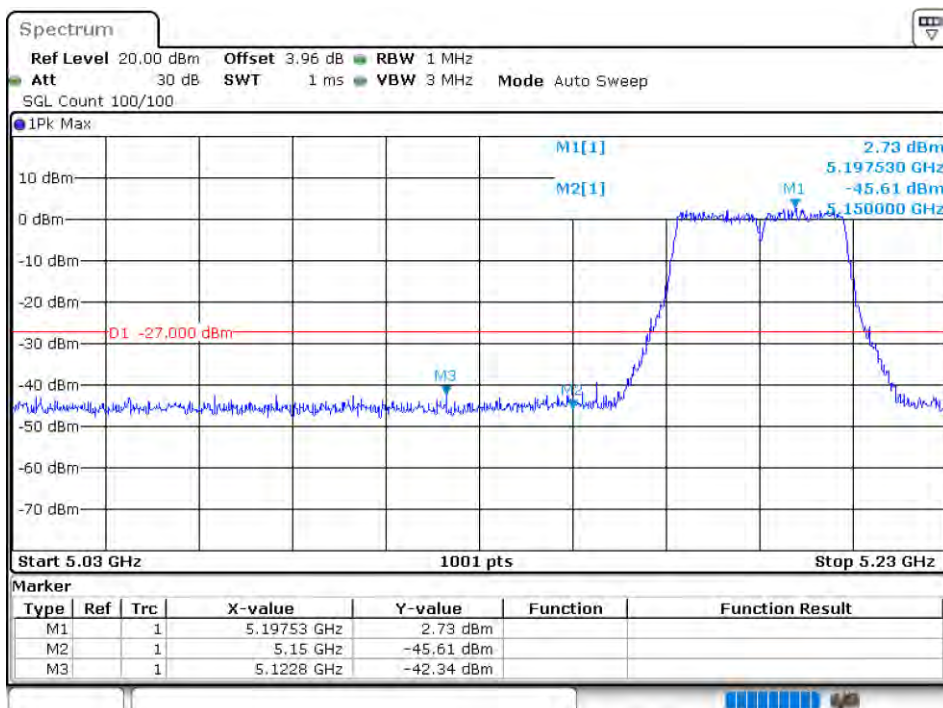
### Band Edge NVNT ac20 5180MHz Low Ant2



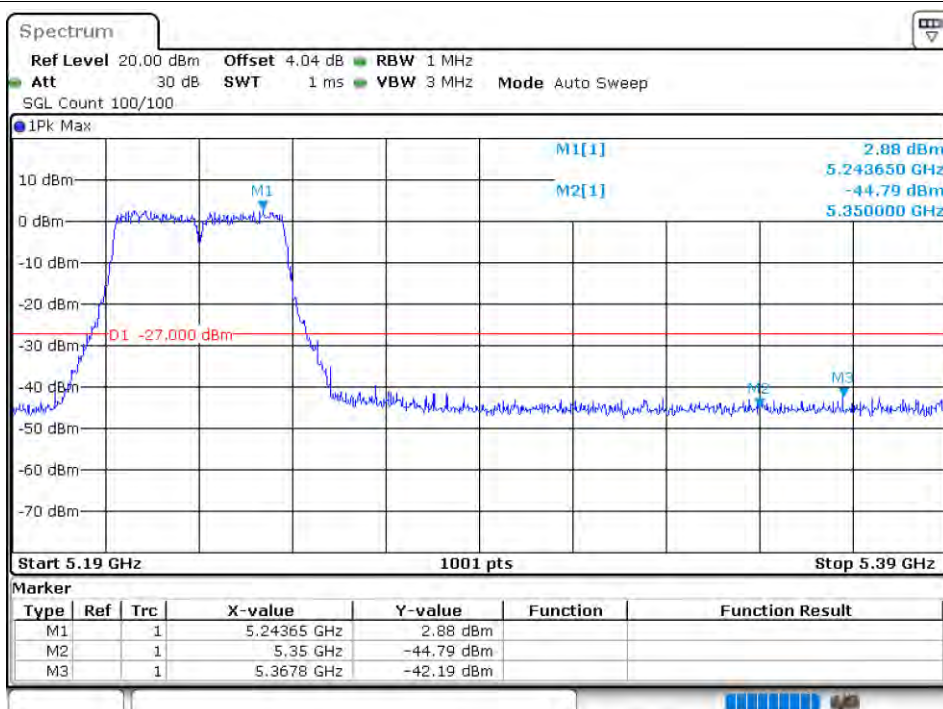
### Band Edge NVNT ac20 5240MHz High Ant2



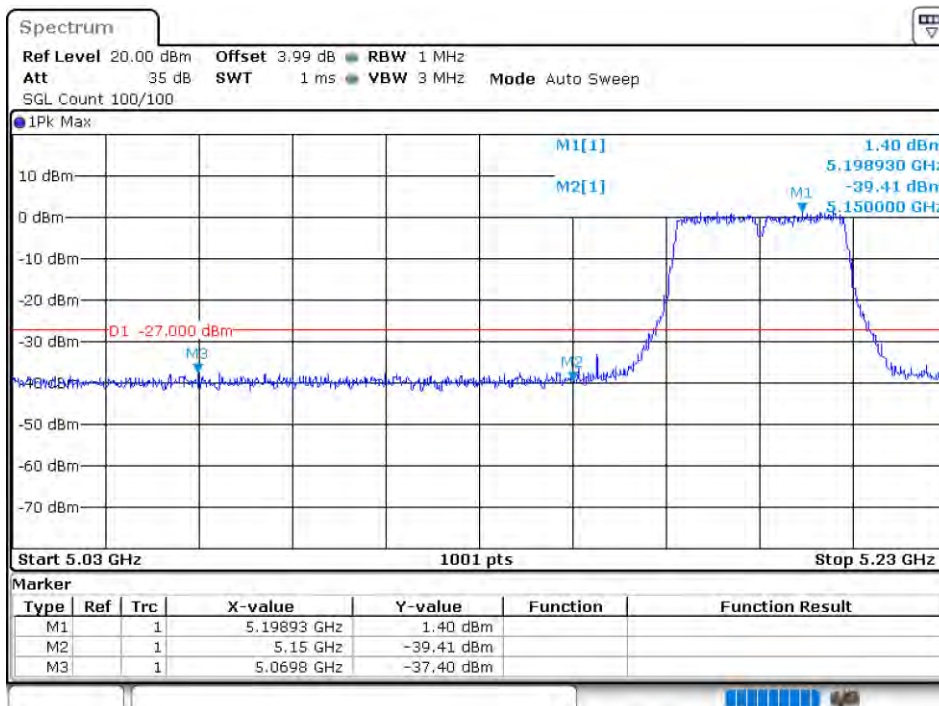
### Band Edge NVNT ac40 5190MHz Low Ant1



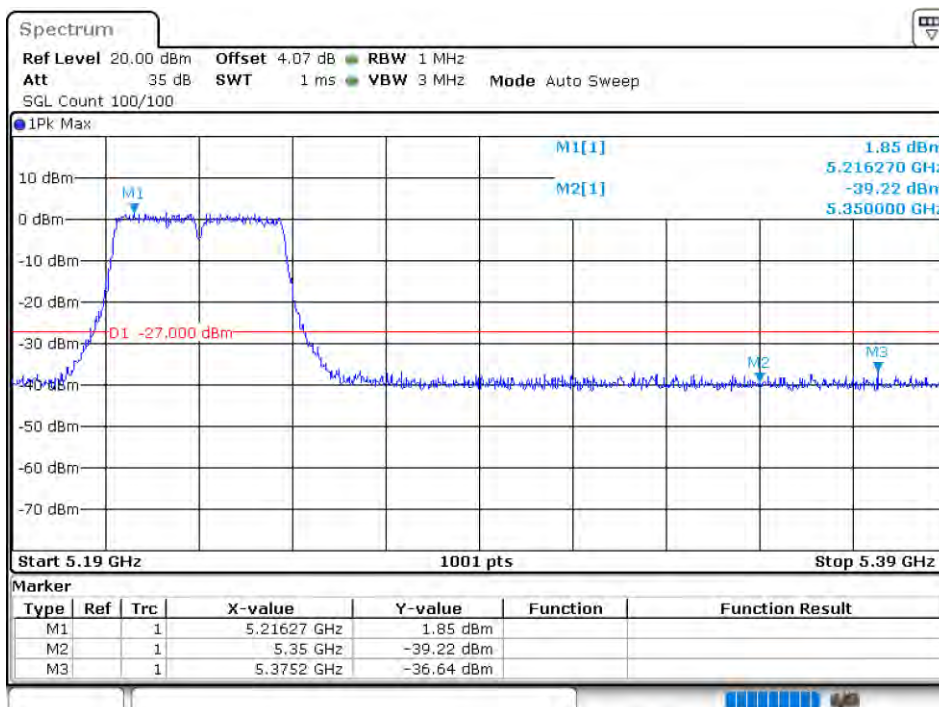
### Band Edge NVNT ac40 5230MHz High Ant1



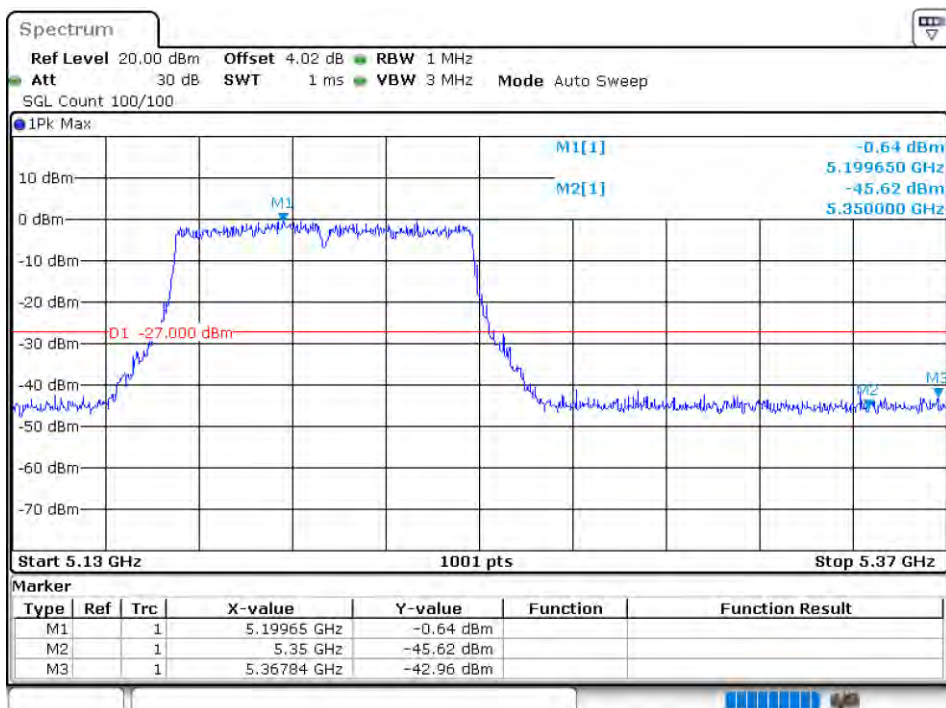
### Band Edge NVNT ac40 5190MHz Low Ant2



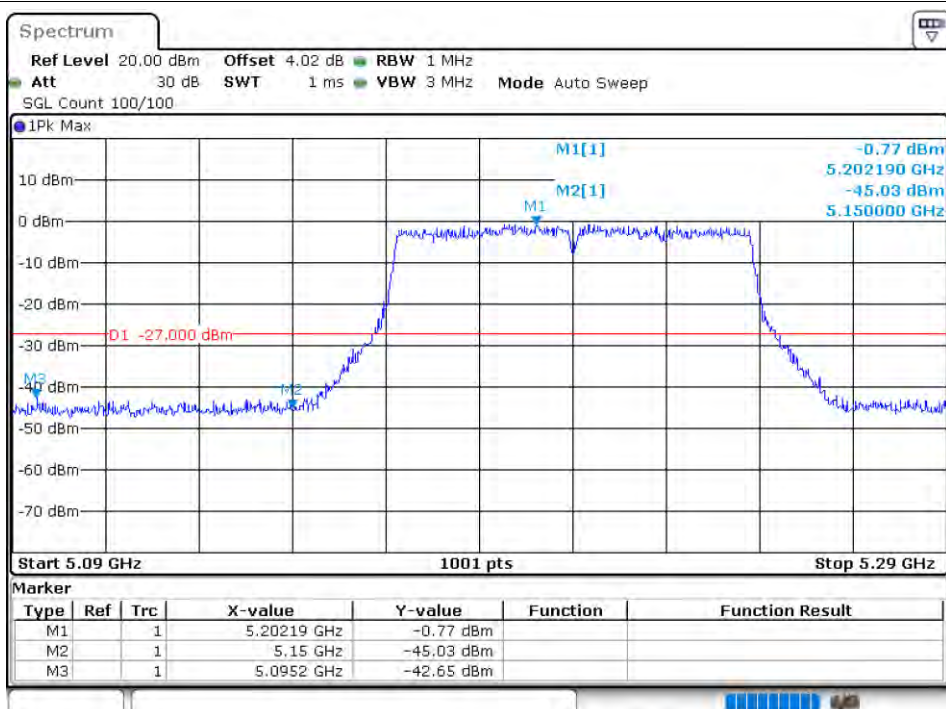
### Band Edge NVNT ac40 5230MHz High Ant2



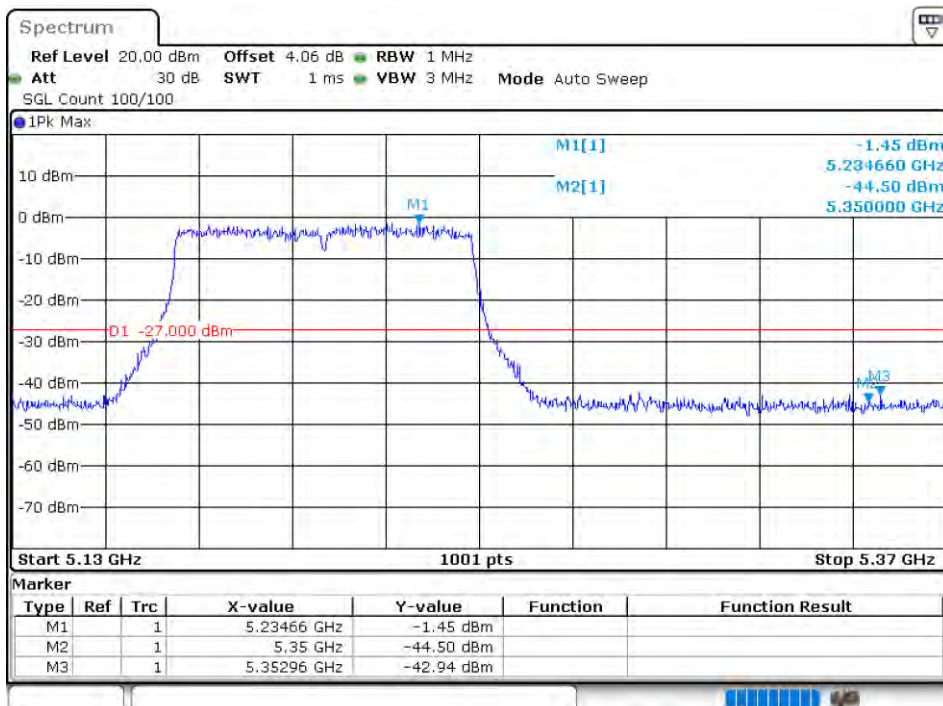
### Band Edge NVNT ac80 5210MHz High Ant1



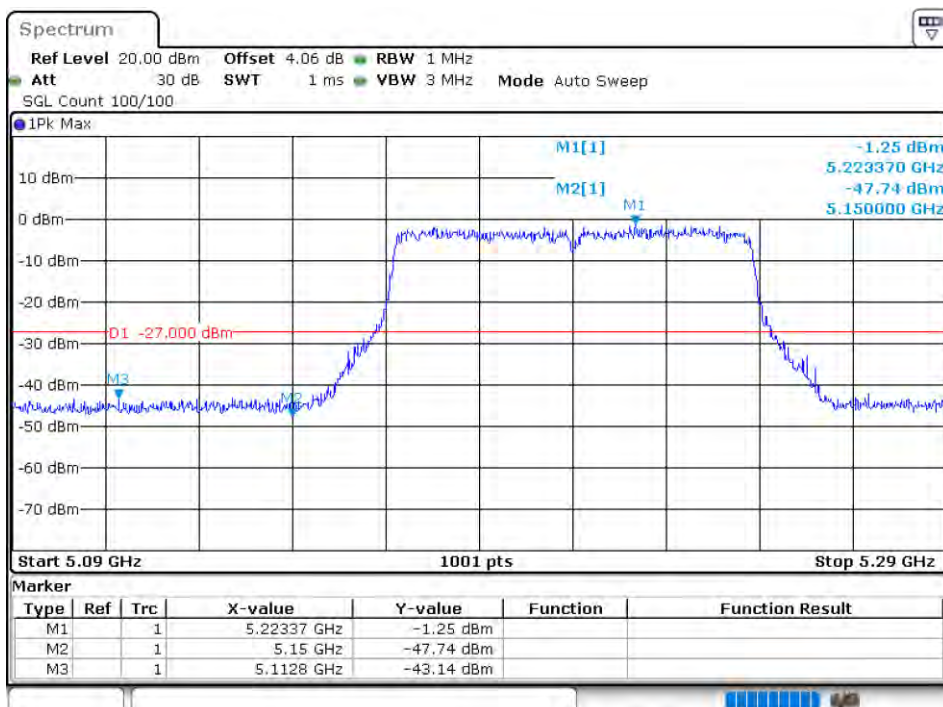
### Band Edge NVNT ac80 5210MHz Low Ant1



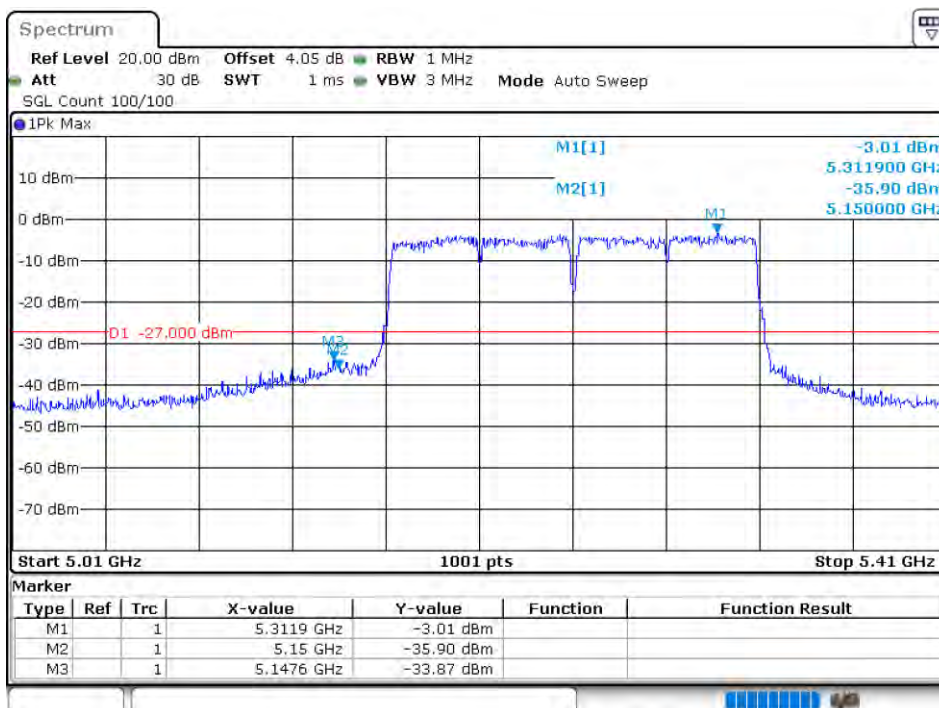
### Band Edge NVNT ac80 5210MHz High Ant2



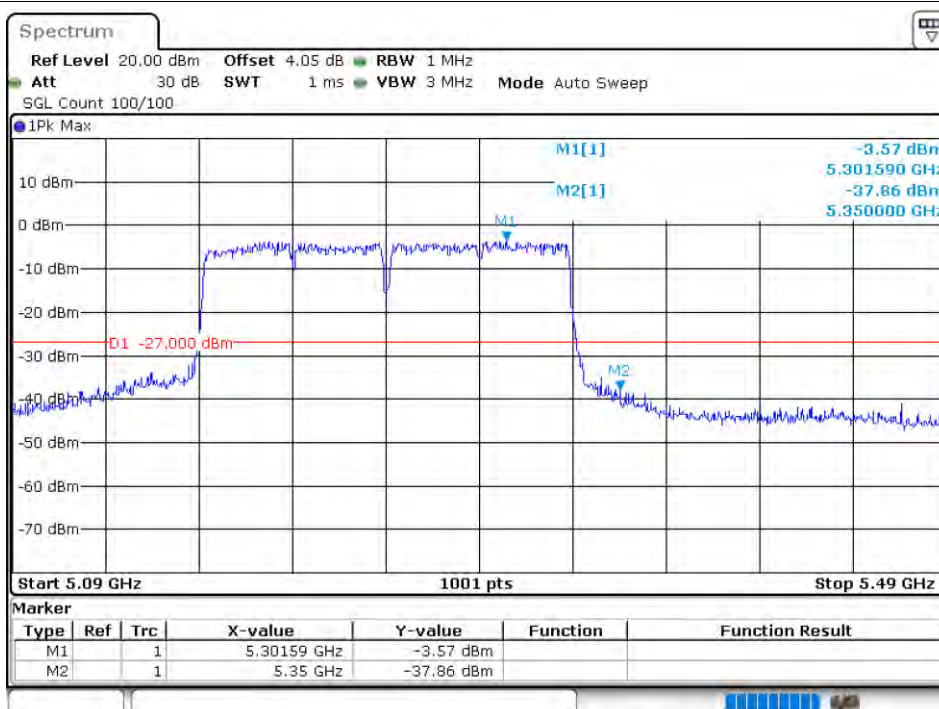
### Band Edge NVNT ac80 5210MHz Low Ant2



### Band Edge NVNT ac160 5250MHz Low Ant1



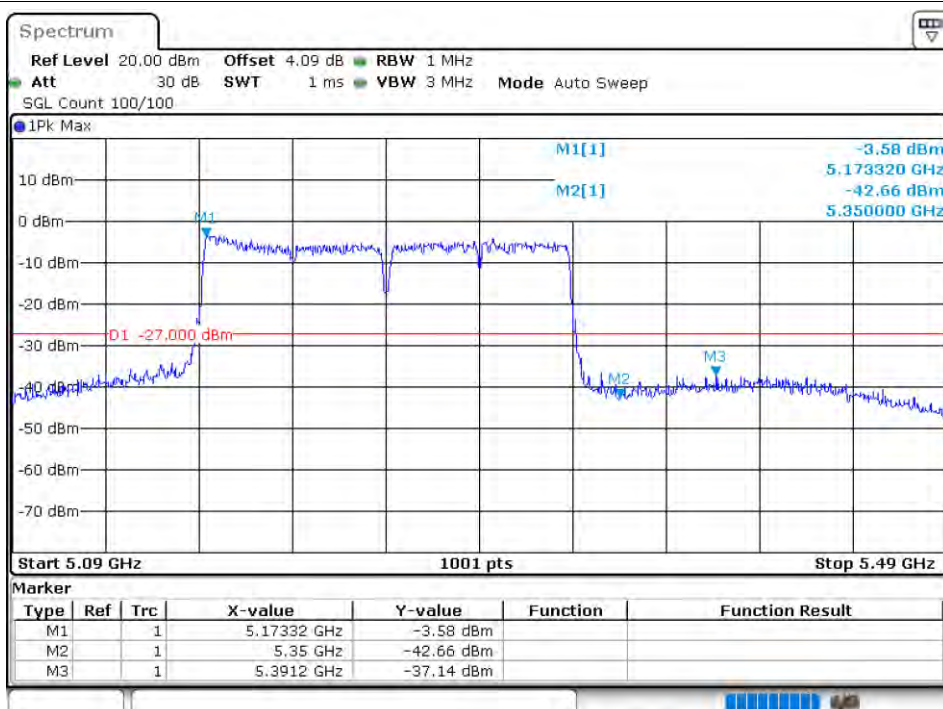
### Band Edge NVNT ac160 5250MHz High Ant1



### Band Edge NVNT ac160 5250MHz Low Ant2



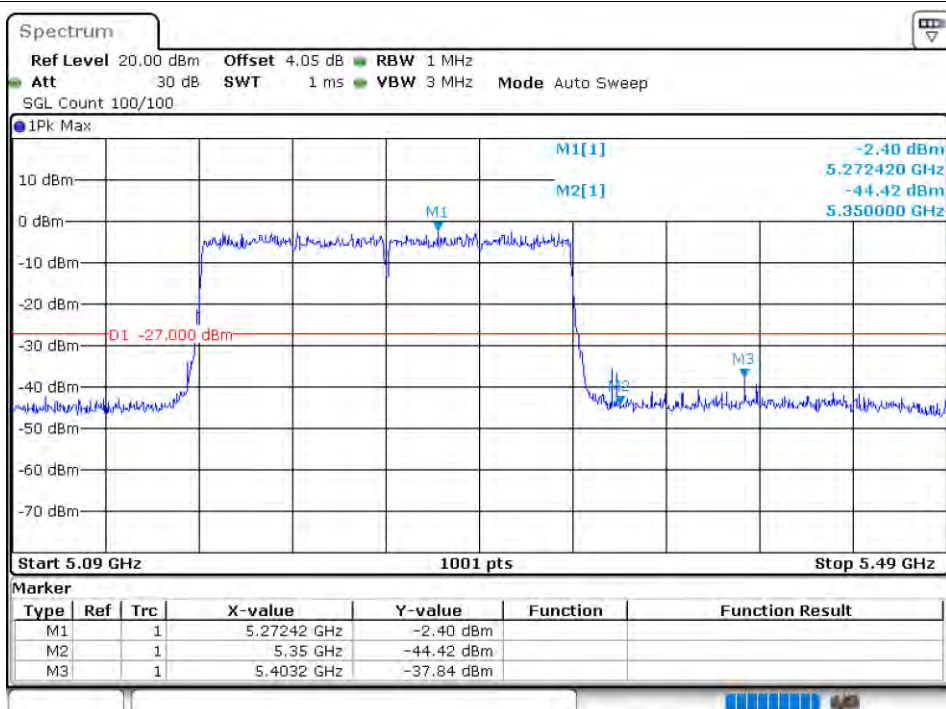
### Band Edge NVNT ac160 5250MHz High Ant2



### Band Edge NVNT ax160 5250MHz Low Ant1



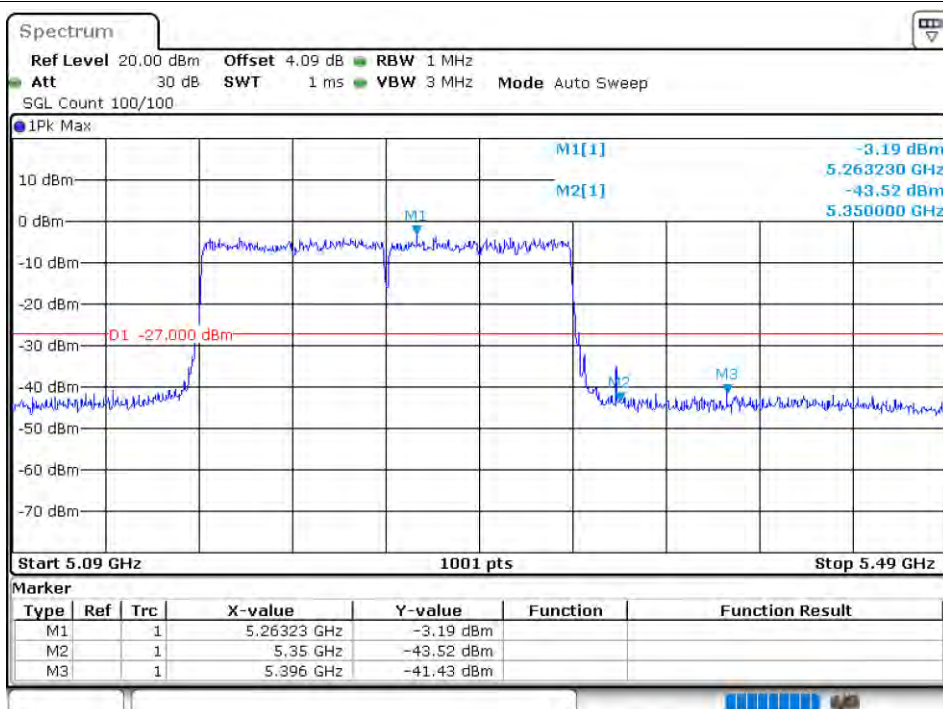
### Band Edge NVNT ax160 5250MHz High Ant1



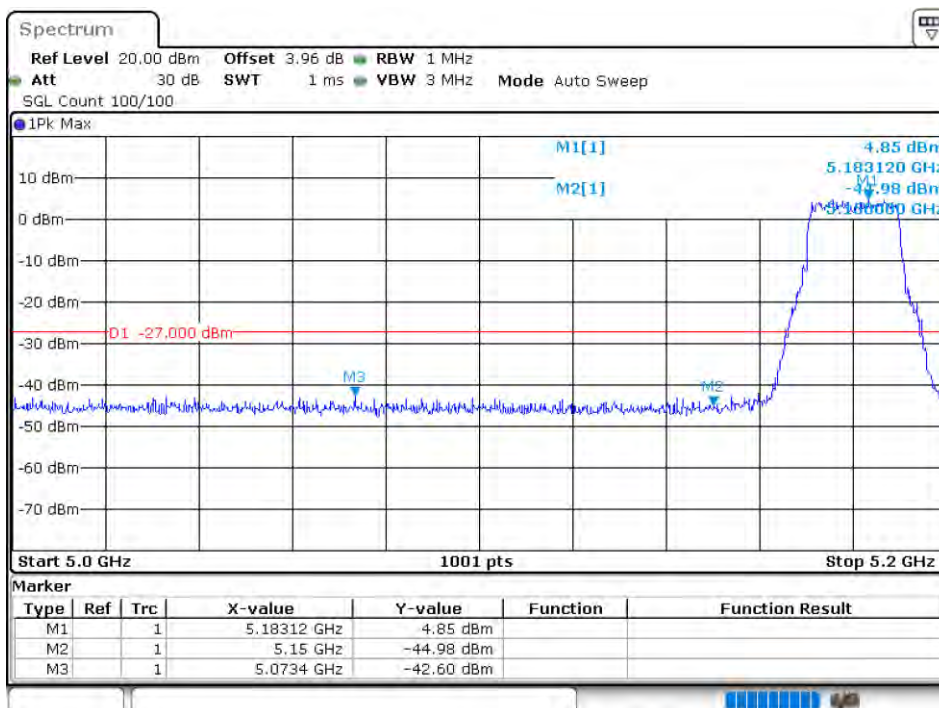
### Band Edge NVNT ax160 5250MHz Low Ant2



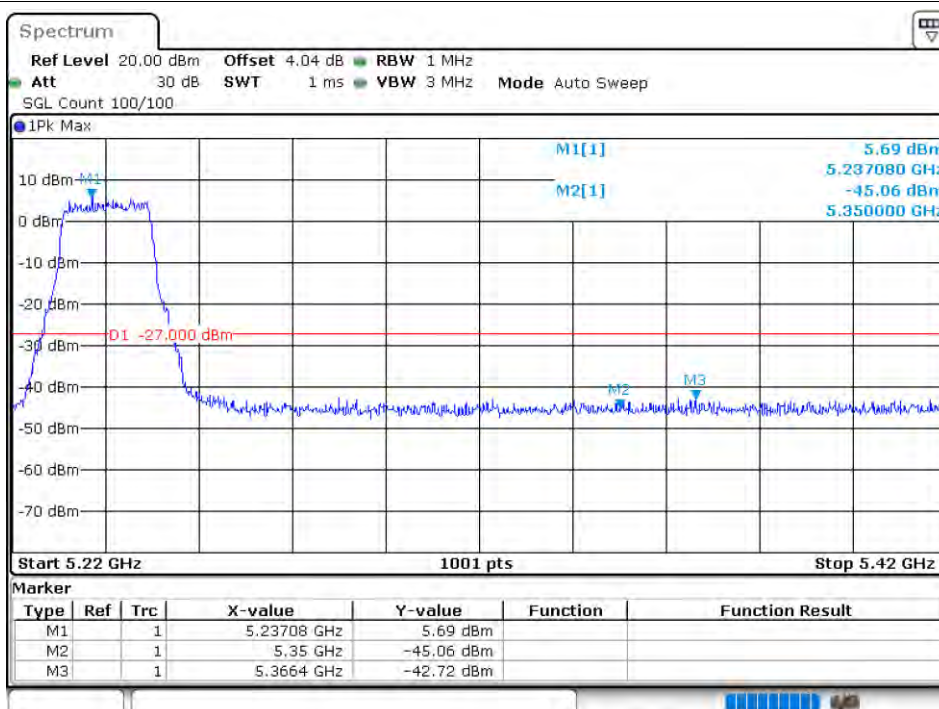
### Band Edge NVNT ax160 5250MHz High Ant2



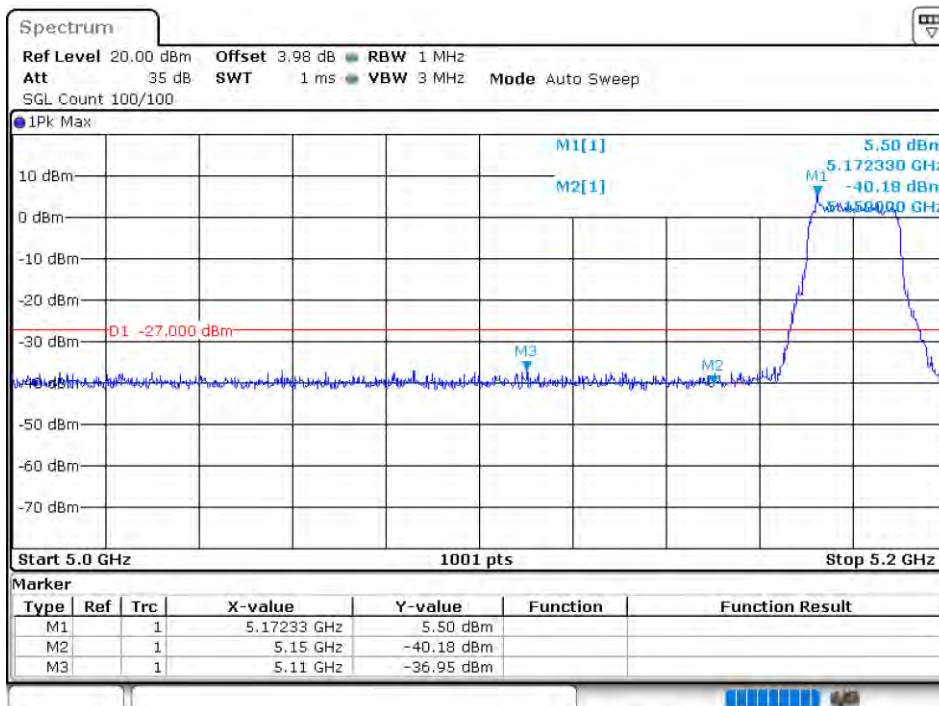
### Band Edge NVNT ax20 5180MHz Low Ant1



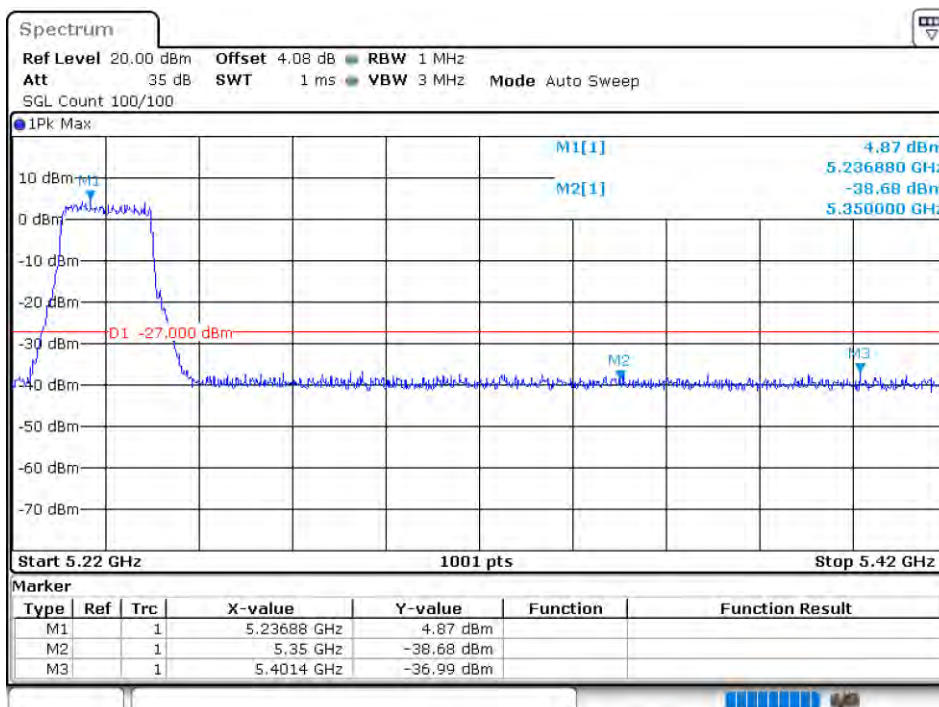
### Band Edge NVNT ax20 5240MHz High Ant1



### Band Edge NVNT ax20 5180MHz Low Ant2



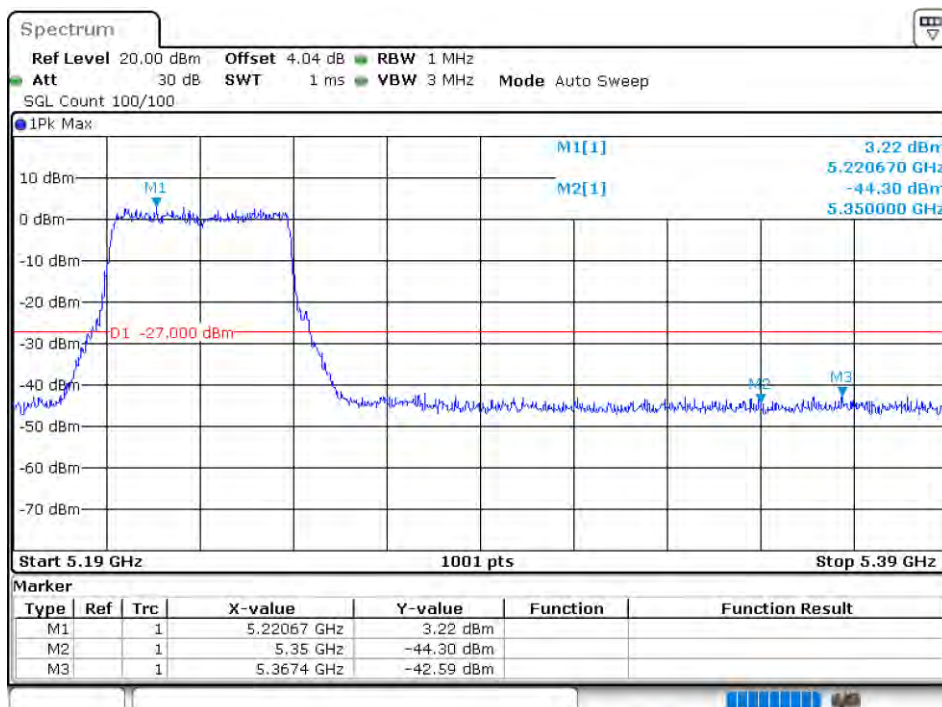
### Band Edge NVNT ax20 5240MHz High Ant2



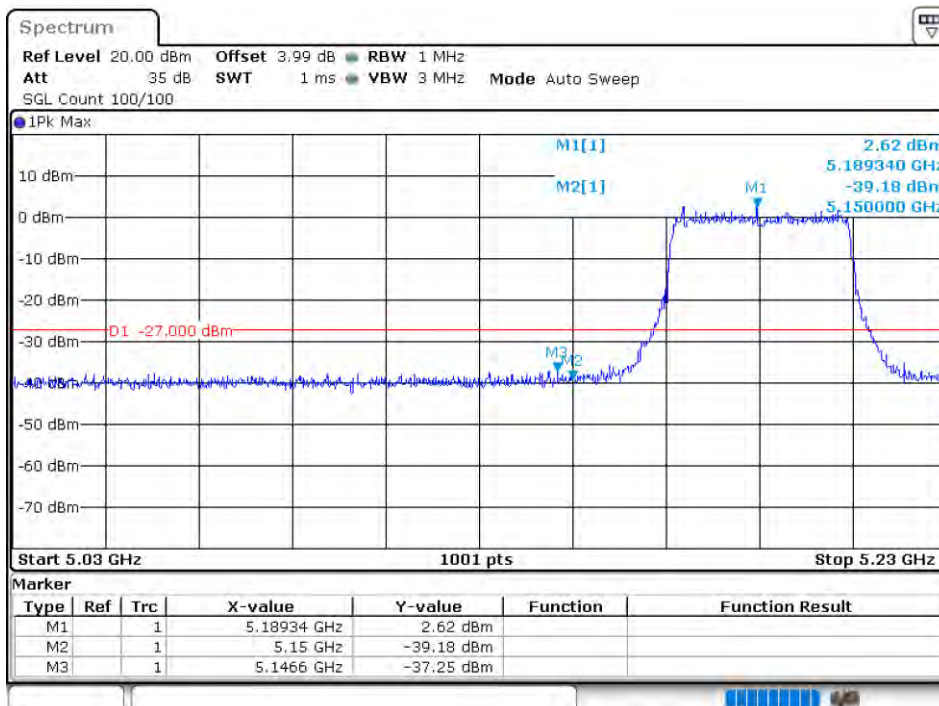
Band Edge NVNT ax40 5190MHz Low Ant1



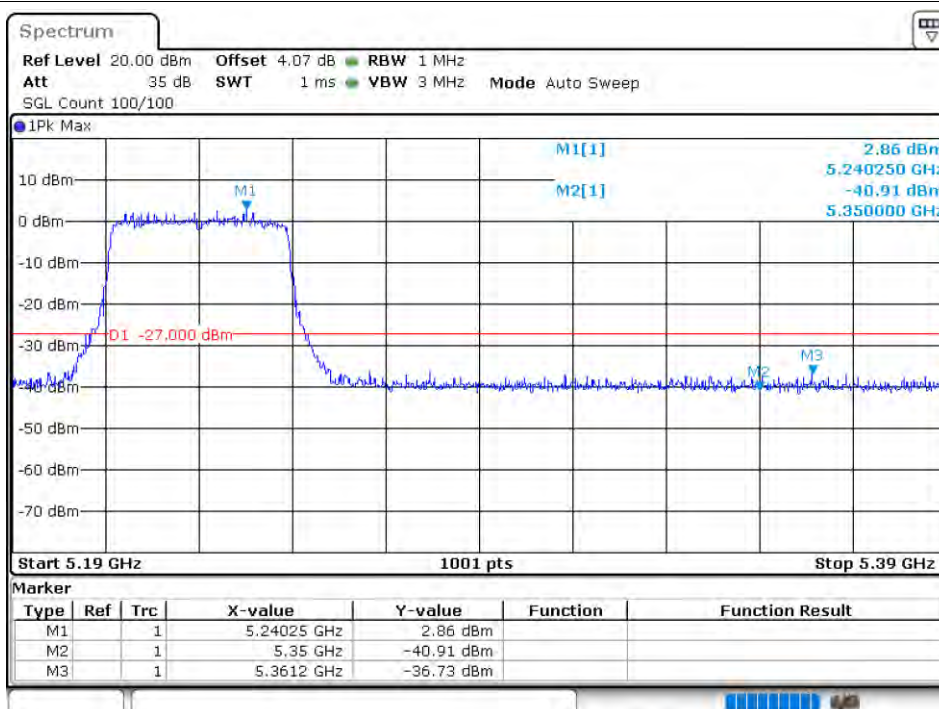
Band Edge NVNT ax40 5230MHz High Ant1



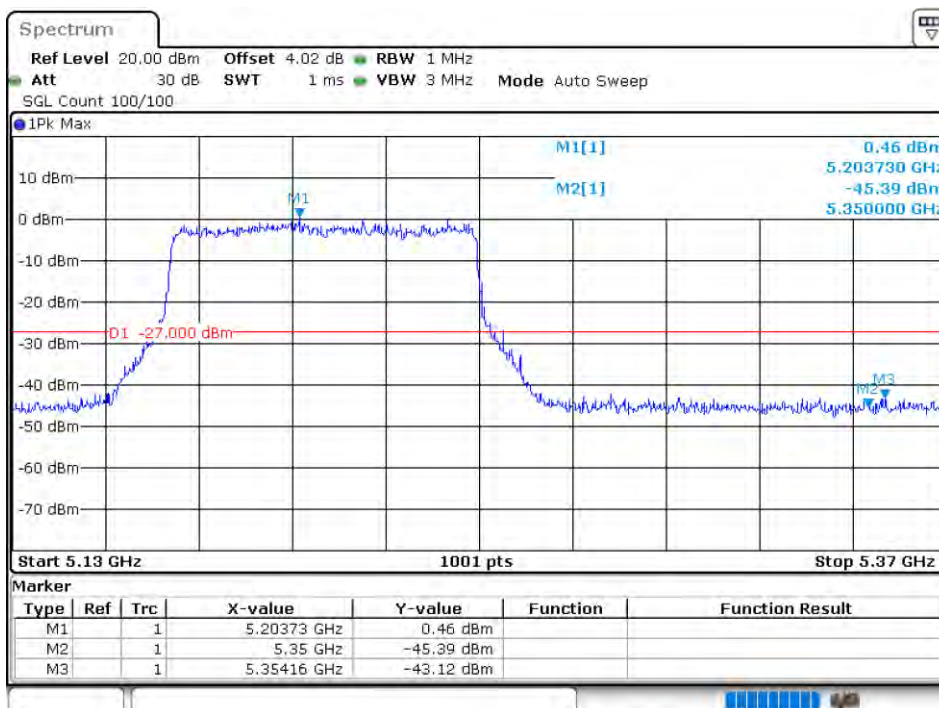
### Band Edge NVNT ax40 5190MHz Low Ant2



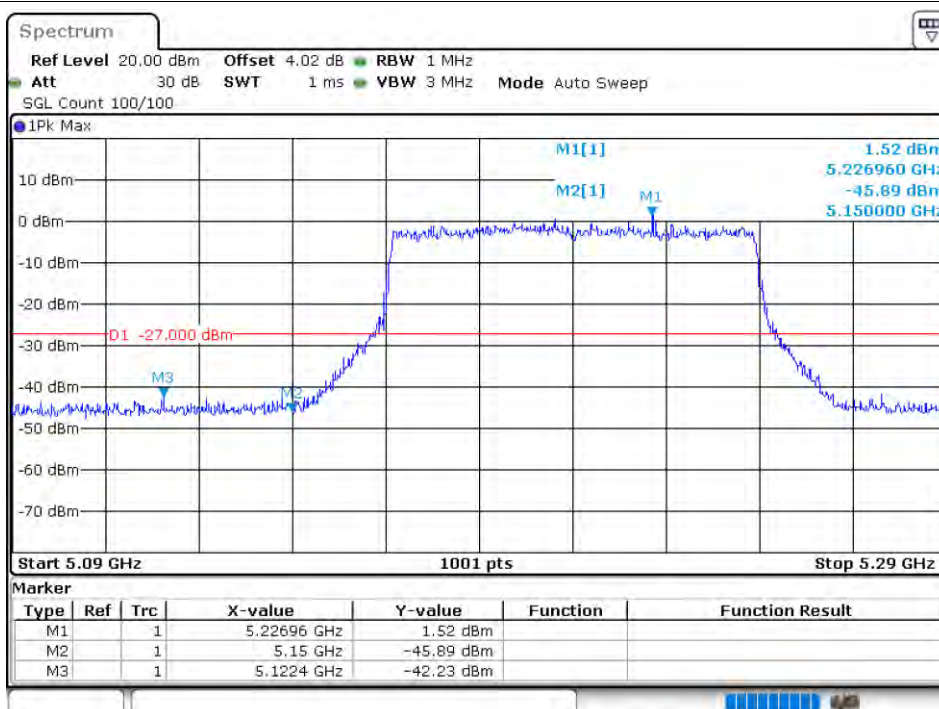
### Band Edge NVNT ax40 5230MHz High Ant2



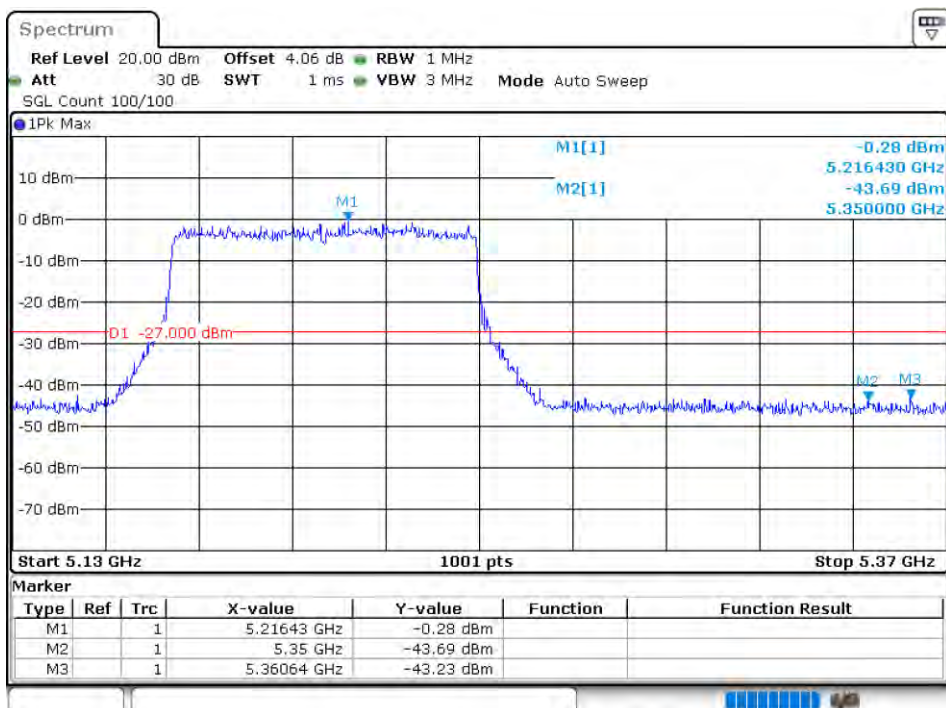
### Band Edge NVNT ax80 5210MHz High Ant1



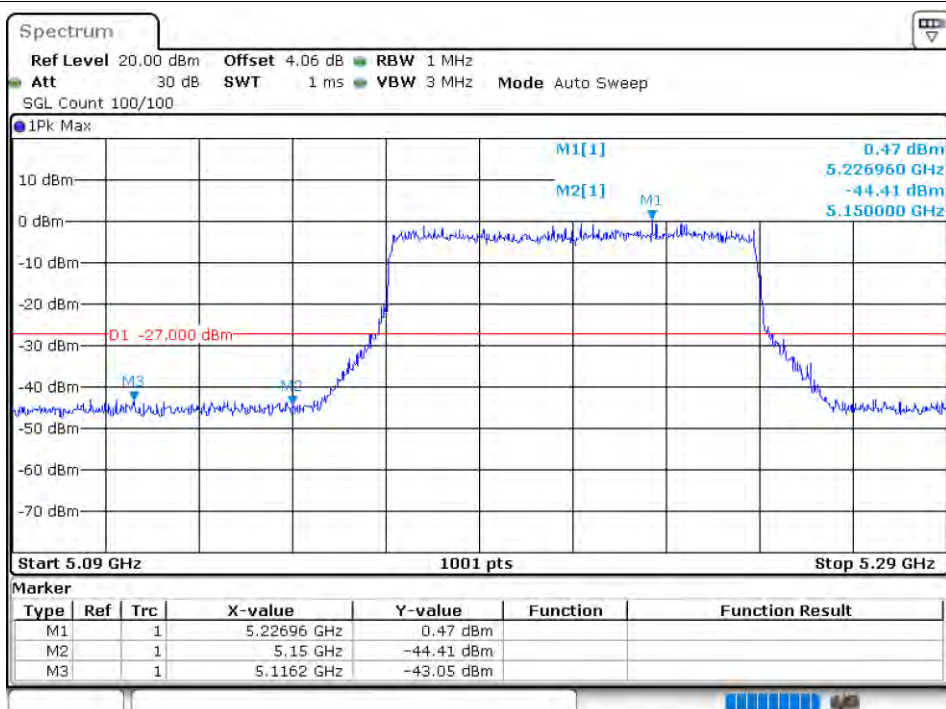
### Band Edge NVNT ax80 5210MHz Low Ant1



### Band Edge NVNT ax80 5210MHz High Ant2



### Band Edge NVNT ax80 5210MHz Low Ant2



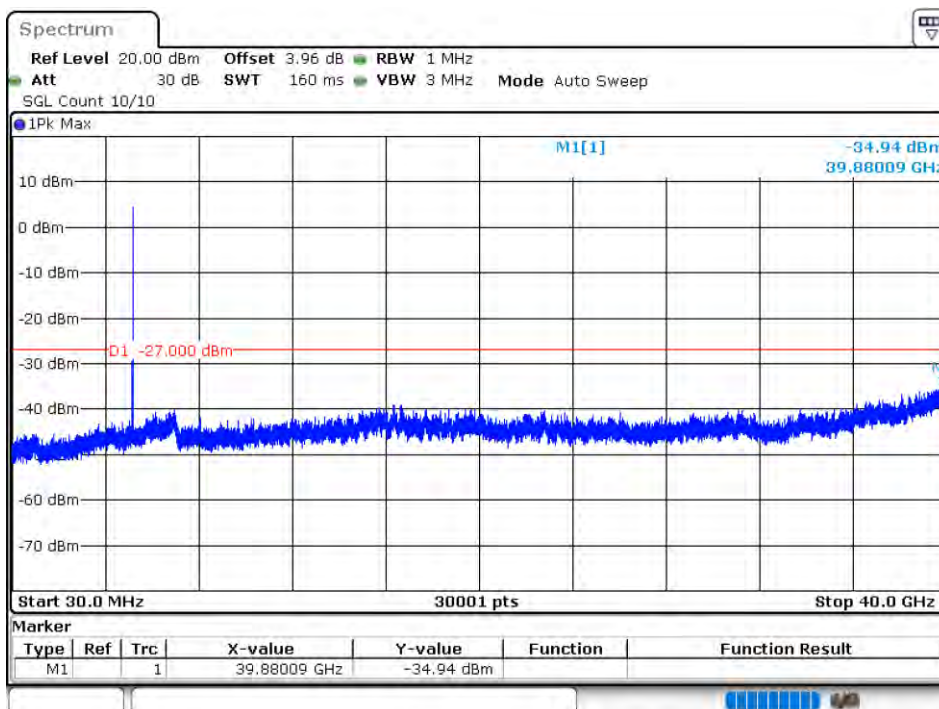
## Conducted RF Spurious Emission

| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a     | 5180            | Ant1    | -34.94          | -27         | Pass    |
| NVNT      | a     | 5200            | Ant1    | -33.53          | -27         | Pass    |
| NVNT      | a     | 5240            | Ant1    | -33.63          | -27         | Pass    |
| NVNT      | a     | 5180            | Ant2    | -32.37          | -27         | Pass    |
| NVNT      | a     | 5200            | Ant2    | -32.99          | -27         | Pass    |
| NVNT      | a     | 5240            | Ant2    | -33.54          | -27         | Pass    |
| NVNT      | n20   | 5180            | Ant1    | -34.57          | -27         | Pass    |
| NVNT      | n20   | 5200            | Ant1    | -33.61          | -27         | Pass    |
| NVNT      | n20   | 5240            | Ant1    | -34.25          | -27         | Pass    |
| NVNT      | n20   | 5180            | Ant2    | -33.14          | -27         | Pass    |
| NVNT      | n20   | 5200            | Ant2    | -32.03          | -27         | Pass    |
| NVNT      | n20   | 5240            | Ant2    | -33.29          | -27         | Pass    |
| NVNT      | n40   | 5190            | Ant1    | -34.39          | -27         | Pass    |
| NVNT      | n40   | 5230            | Ant1    | -33.86          | -27         | Pass    |
| NVNT      | n40   | 5190            | Ant2    | -32.64          | -27         | Pass    |
| NVNT      | n40   | 5230            | Ant2    | -32.59          | -27         | Pass    |
| NVNT      | ac20  | 5180            | Ant1    | -34.56          | -27         | Pass    |
| NVNT      | ac20  | 5200            | Ant1    | -33.87          | -27         | Pass    |
| NVNT      | ac20  | 5240            | Ant1    | -33.8           | -27         | Pass    |
| NVNT      | ac20  | 5180            | Ant2    | -32.54          | -27         | Pass    |
| NVNT      | ac20  | 5200            | Ant2    | -33.04          | -27         | Pass    |
| NVNT      | ac20  | 5240            | Ant2    | -32.12          | -27         | Pass    |
| NVNT      | ac40  | 5190            | Ant1    | -34.32          | -27         | Pass    |
| NVNT      | ac40  | 5230            | Ant1    | -34.78          | -27         | Pass    |
| NVNT      | ac40  | 5190            | Ant2    | -32.45          | -27         | Pass    |
| NVNT      | ac40  | 5230            | Ant2    | -33.38          | -27         | Pass    |
| NVNT      | ac80  | 5210            | Ant1    | -34.14          | -27         | Pass    |
| NVNT      | ac80  | 5210            | Ant2    | -34.21          | -27         | Pass    |
| NVNT      | ac160 | 5250            | Ant1    | -33.8           | -27         | Pass    |
| NVNT      | ac160 | 5250            | Ant2    | -33.49          | -27         | Pass    |
| NVNT      | ax160 | 5250            | Ant1    | -33.35          | -27         | Pass    |
| NVNT      | ax160 | 5250            | Ant2    | -32.7           | -27         | Pass    |
| NVNT      | ax20  | 5180            | Ant1    | -34.18          | -27         | Pass    |
| NVNT      | ax20  | 5200            | Ant1    | -34.8           | -27         | Pass    |
| NVNT      | ax20  | 5240            | Ant1    | -33.66          | -27         | Pass    |
| NVNT      | ax20  | 5180            | Ant2    | -33.25          | -27         | Pass    |
| NVNT      | ax20  | 5200            | Ant2    | -33.15          | -27         | Pass    |
| NVNT      | ax20  | 5240            | Ant2    | -32.81          | -27         | Pass    |
| NVNT      | ax40  | 5190            | Ant1    | -34.41          | -27         | Pass    |
| NVNT      | ax40  | 5230            | Ant1    | -33.1           | -27         | Pass    |
| NVNT      | ax40  | 5190            | Ant2    | -32.56          | -27         | Pass    |

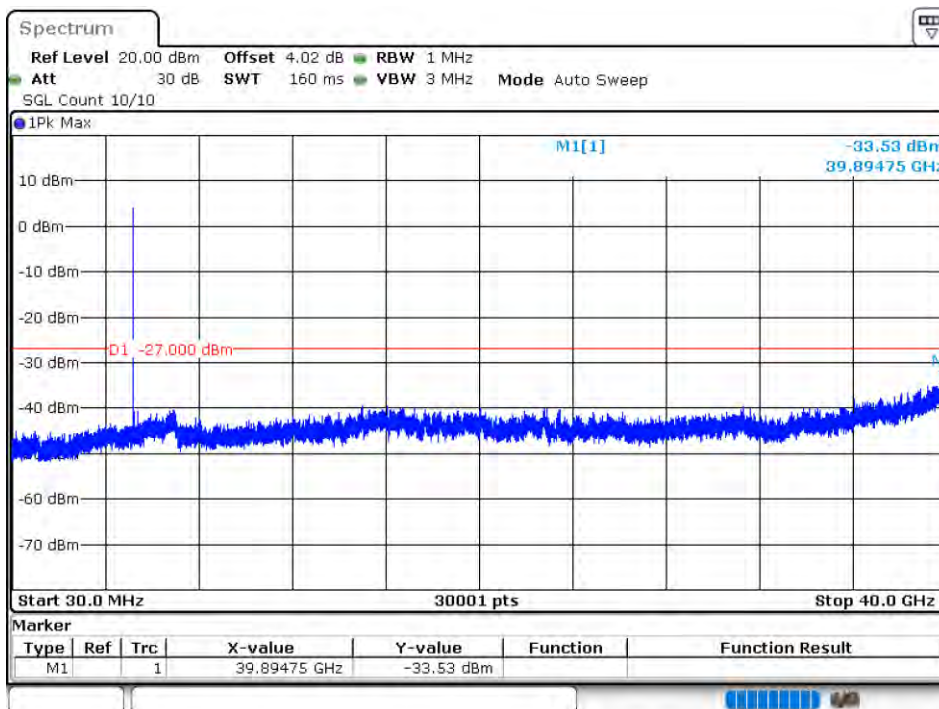
|      |      |      |      |        |     |      |
|------|------|------|------|--------|-----|------|
| NVNT | ax40 | 5230 | Ant2 | -31.93 | -27 | Pass |
| NVNT | ax80 | 5210 | Ant1 | -34.31 | -27 | Pass |
| NVNT | ax80 | 5210 | Ant2 | -33.37 | -27 | Pass |

# Test Graphs

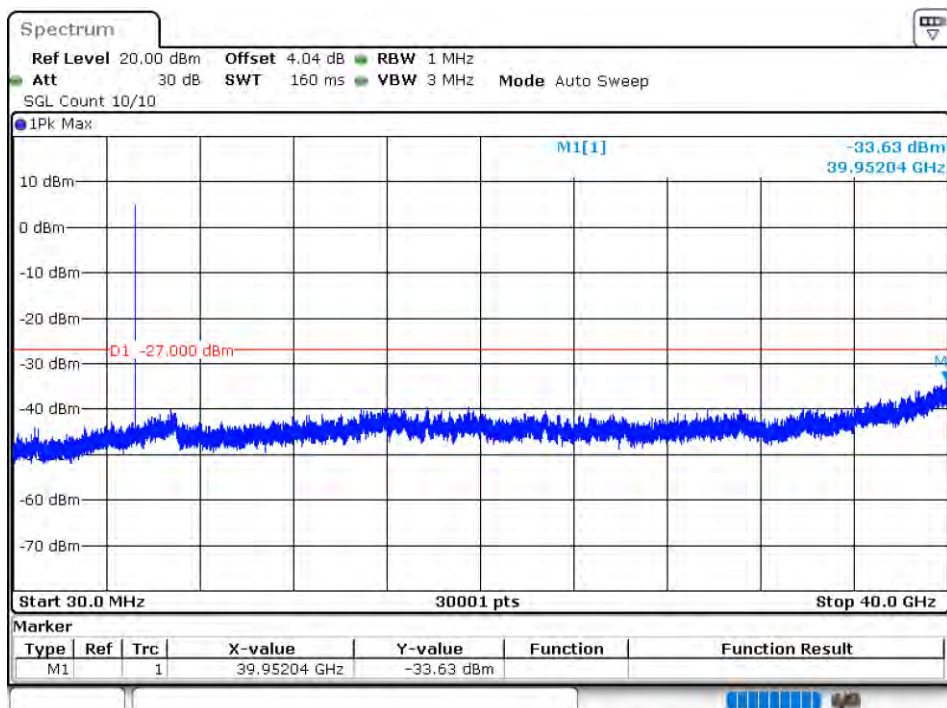
## Tx. Spurious NVNT a 5180MHz Ant1 Emission



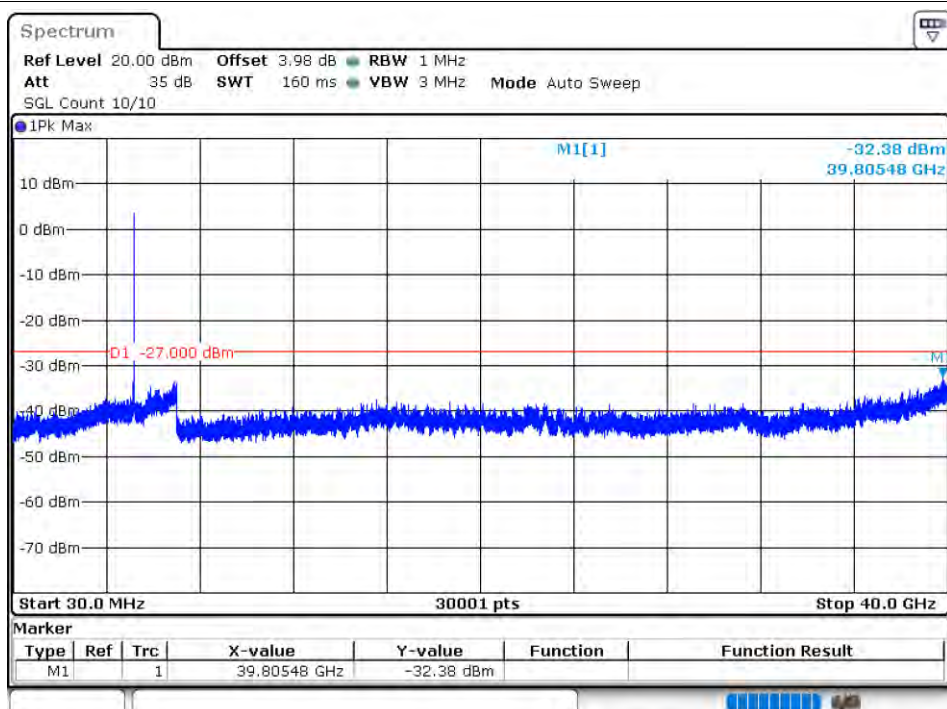
## Tx. Spurious NVNT a 5200MHz Ant1 Emission



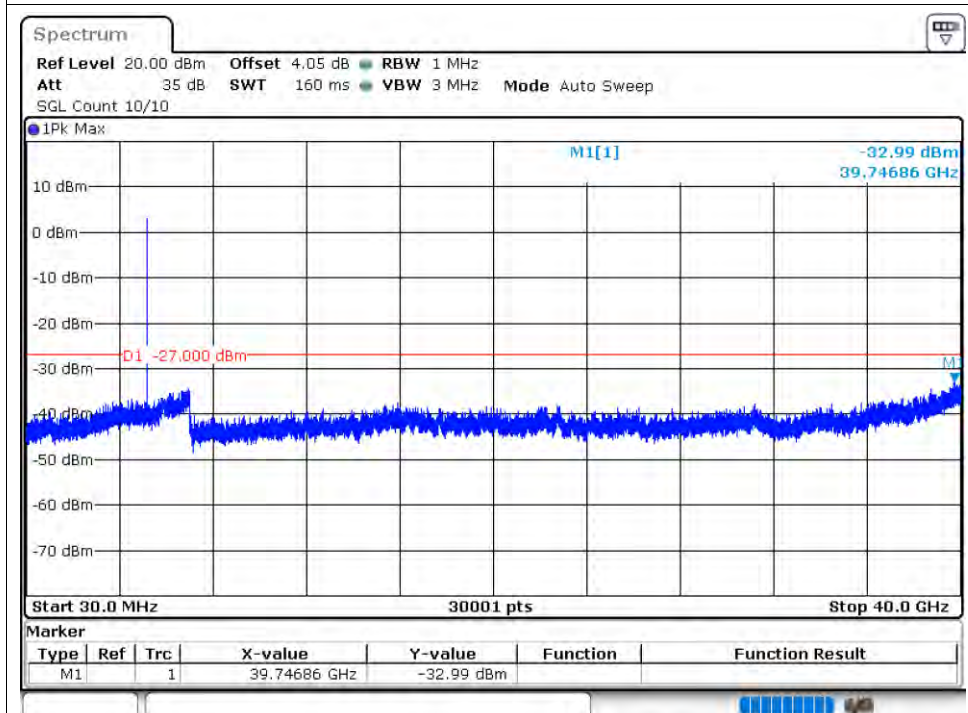
Tx. Spurious NVNT a 5240MHz Ant1 Emission



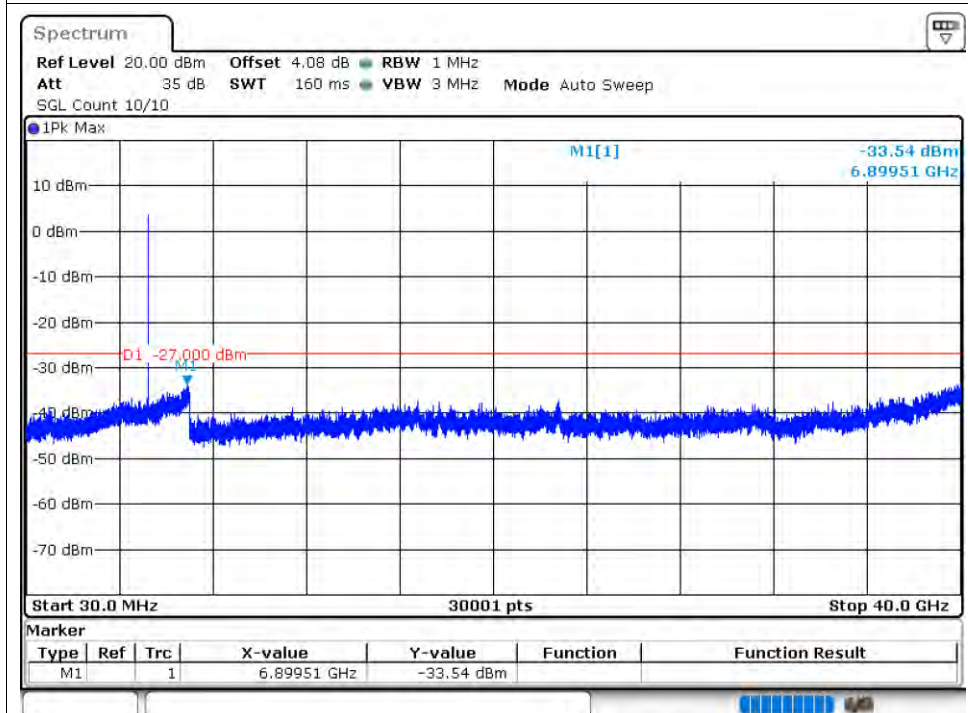
Tx. Spurious NVNT a 5180MHz Ant2 Emission



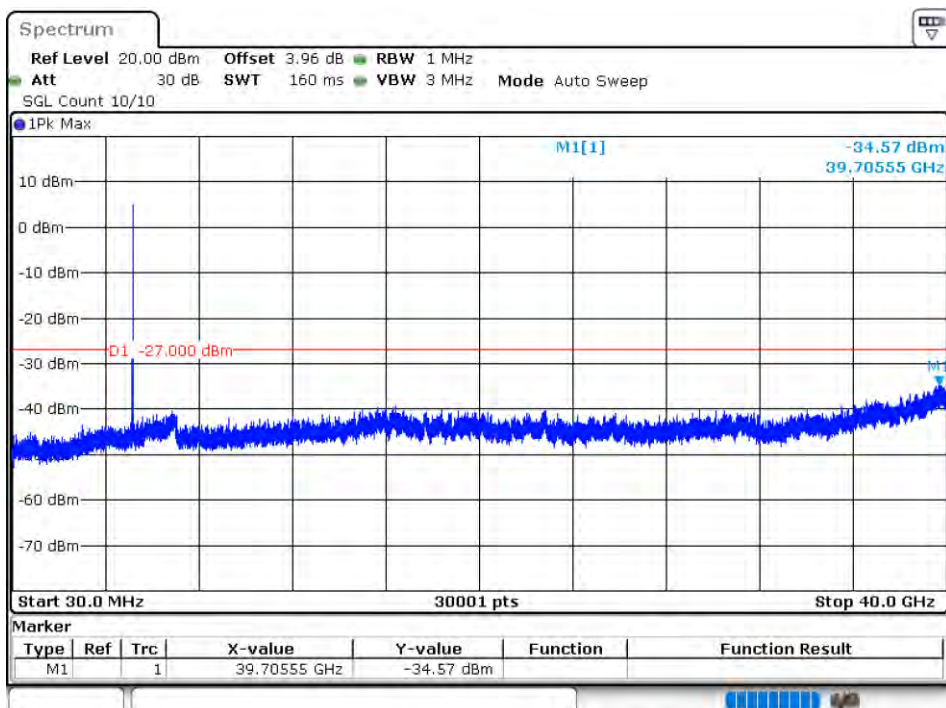
Tx. Spurious NVNT a 5200MHz Ant2 Emission



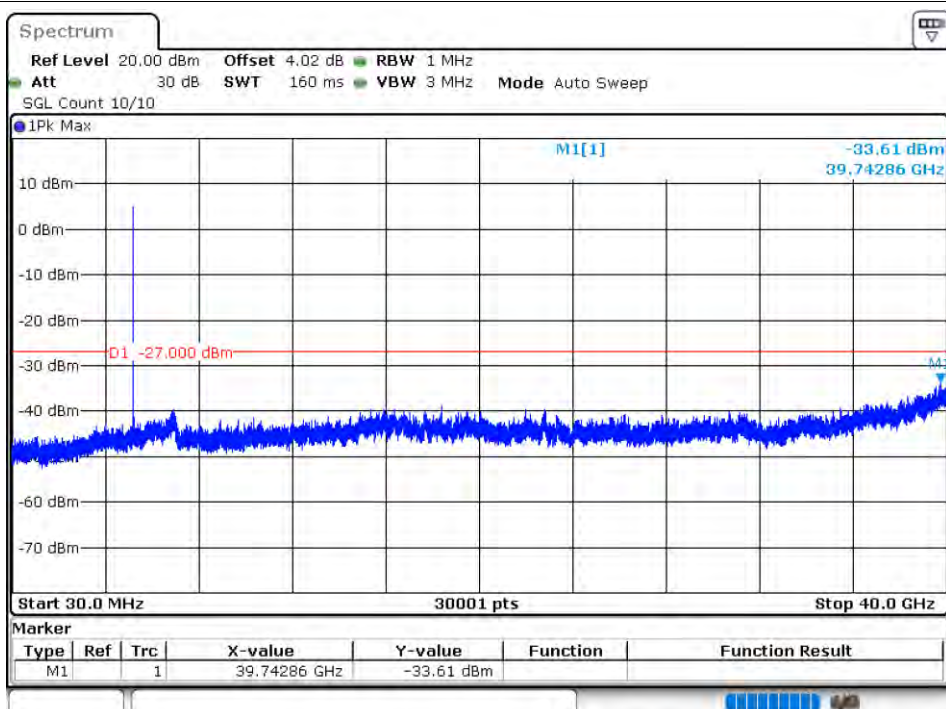
Tx. Spurious NVNT a 5240MHz Ant2 Emission



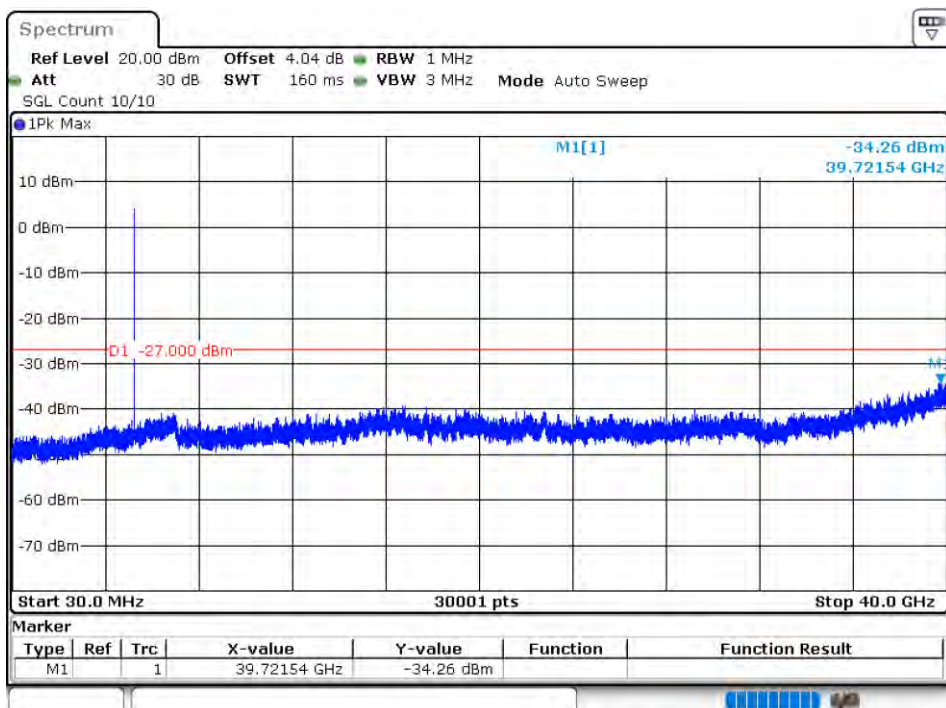
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



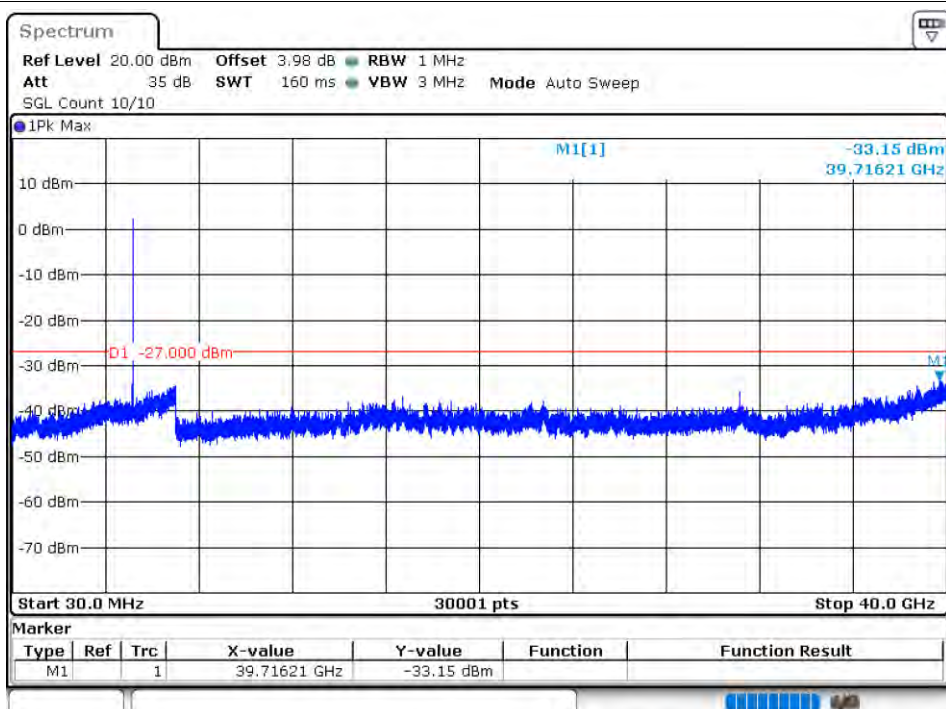
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



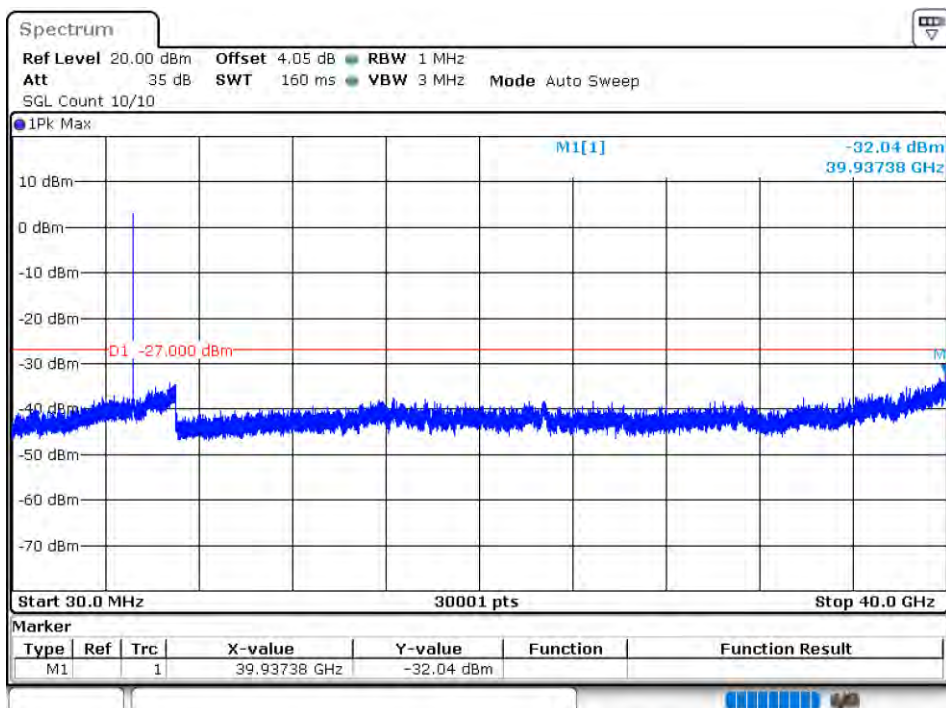
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



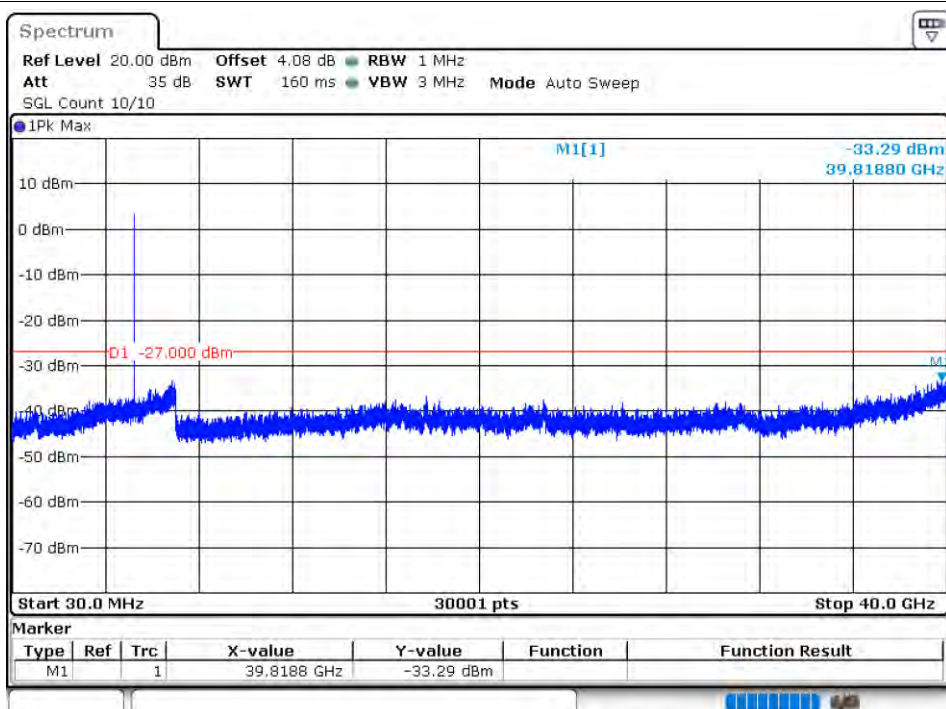
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



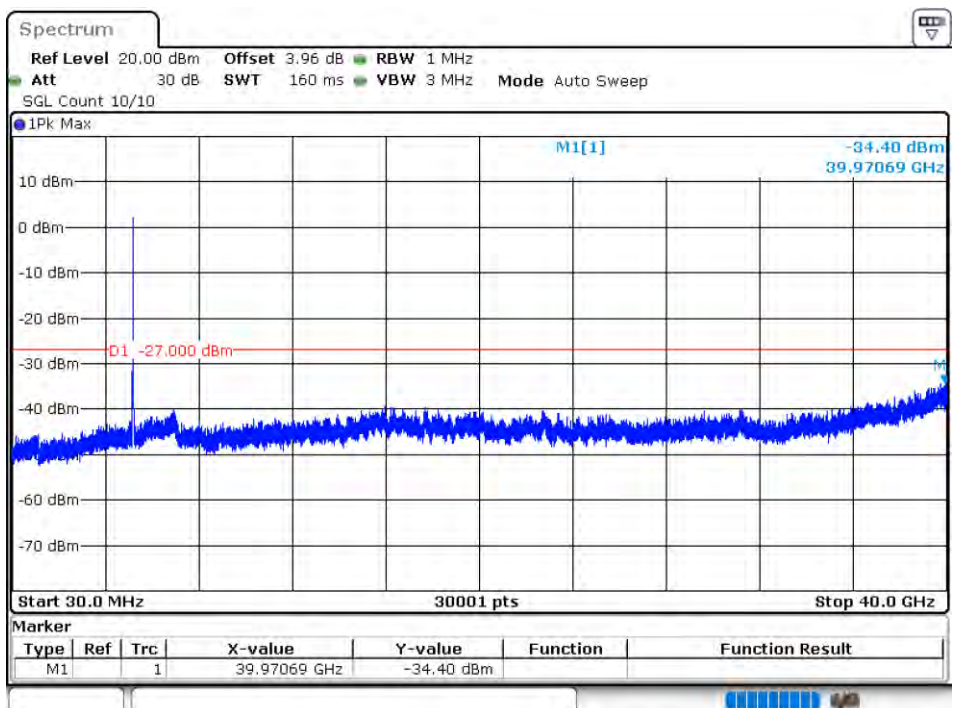
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



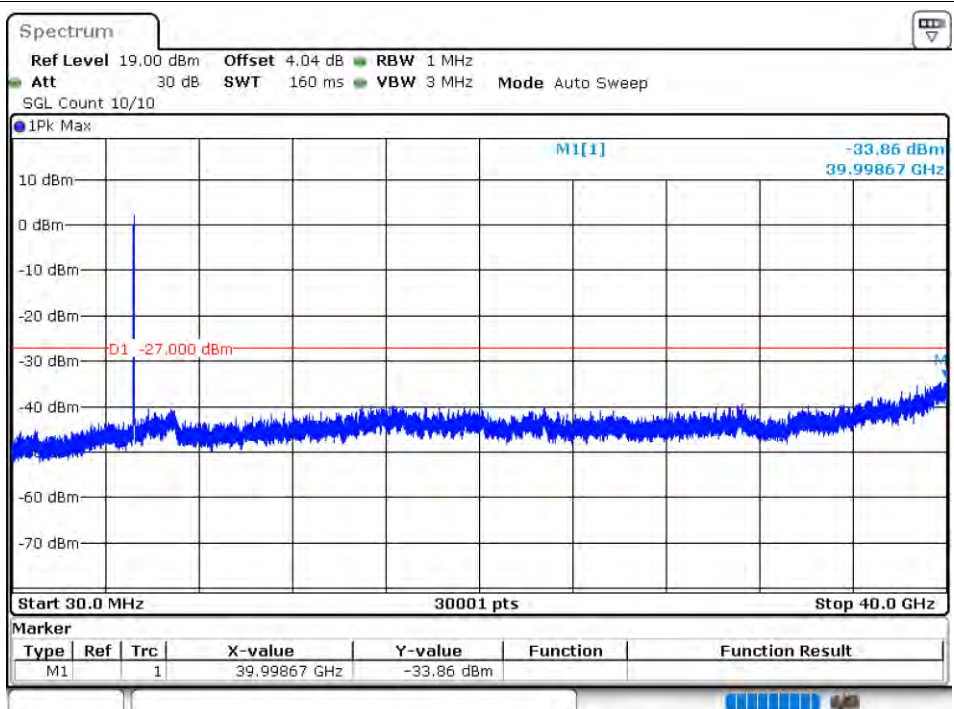
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



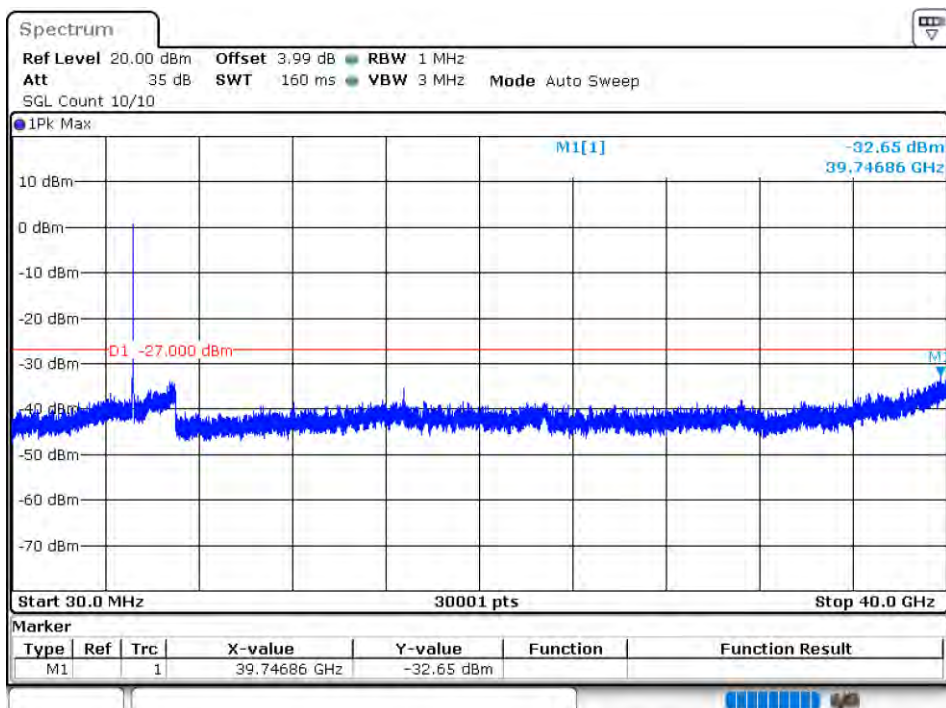
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



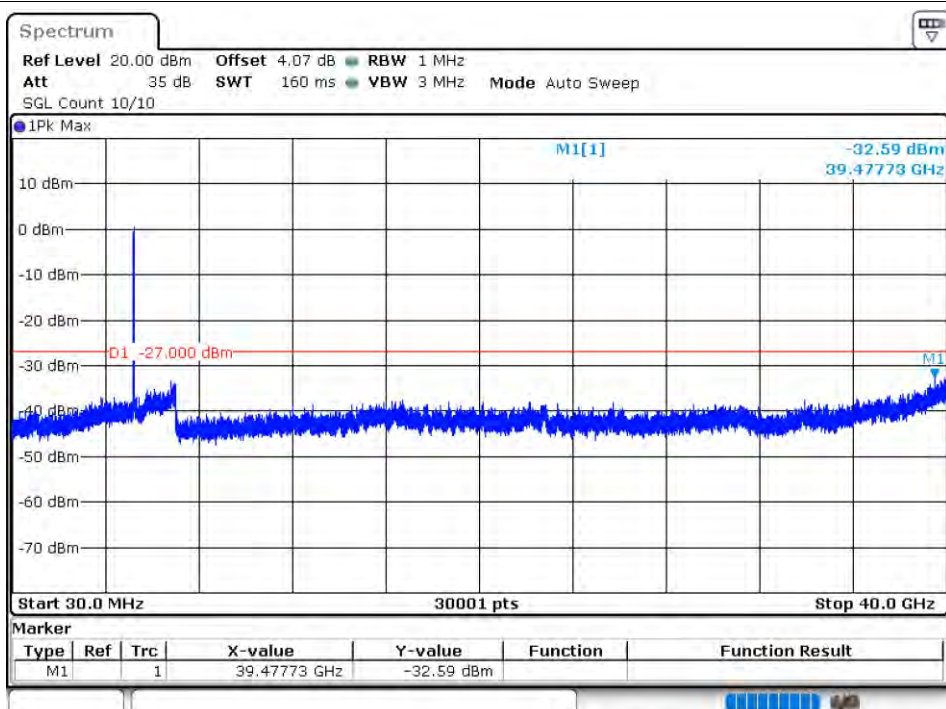
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



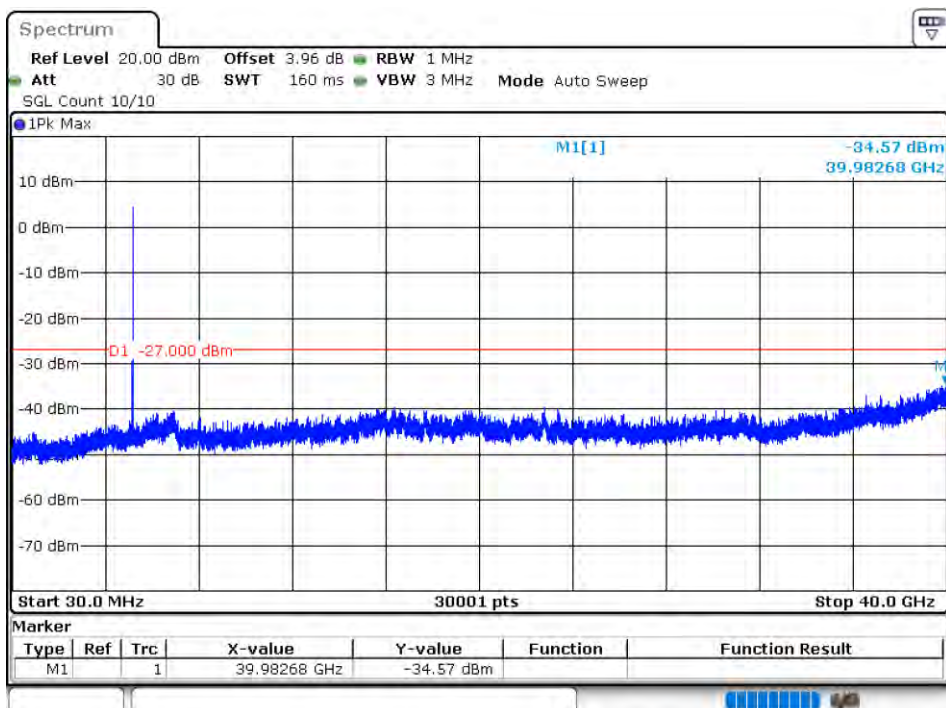
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



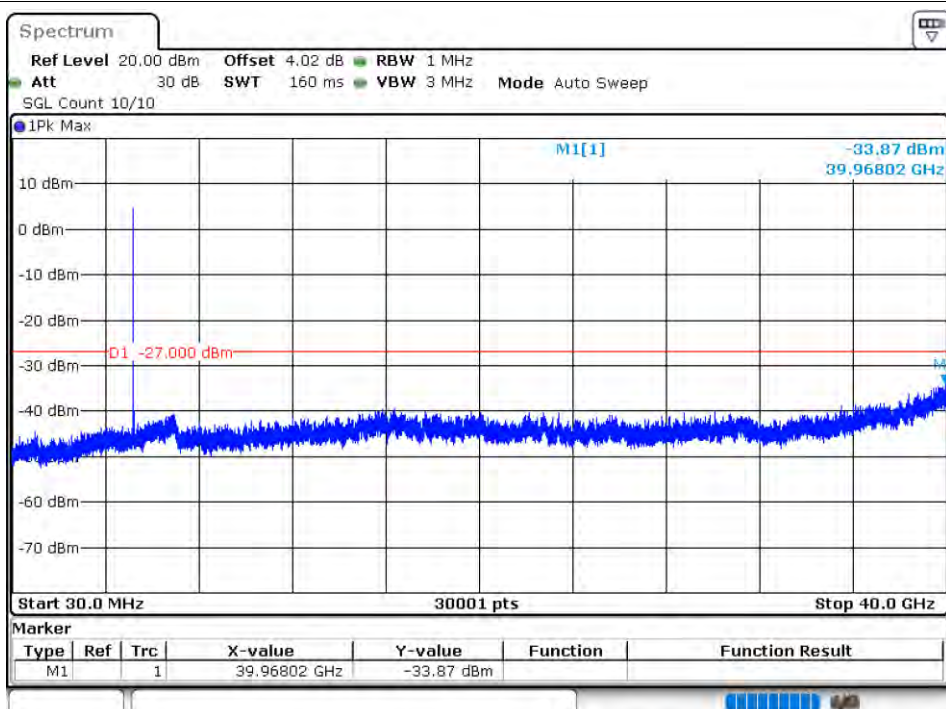
Tx. Spurious NVNT n40 5230MHz Ant2 Emission



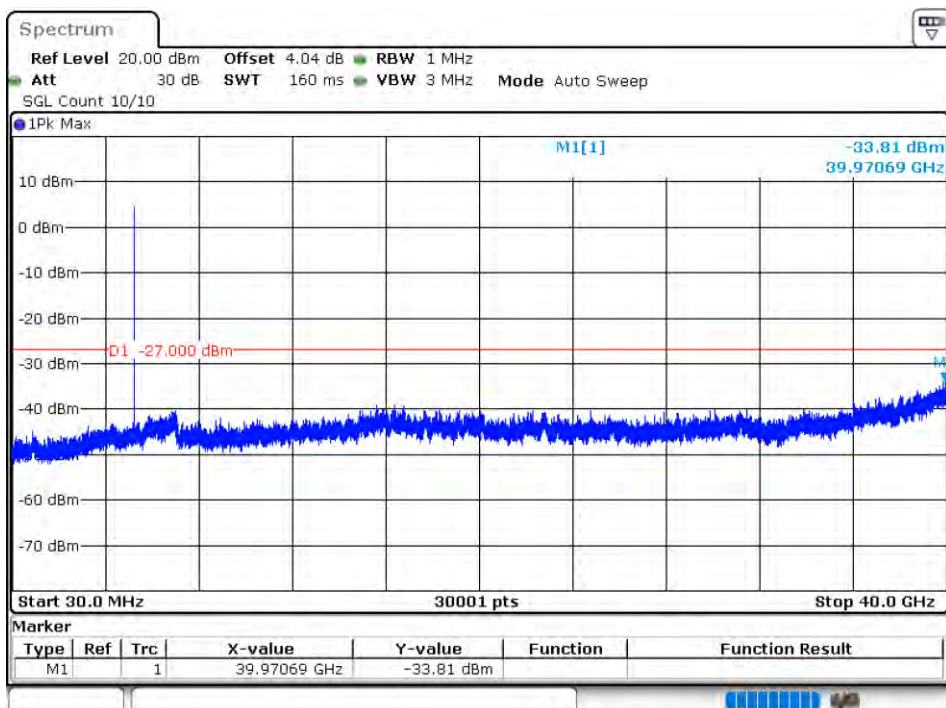
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



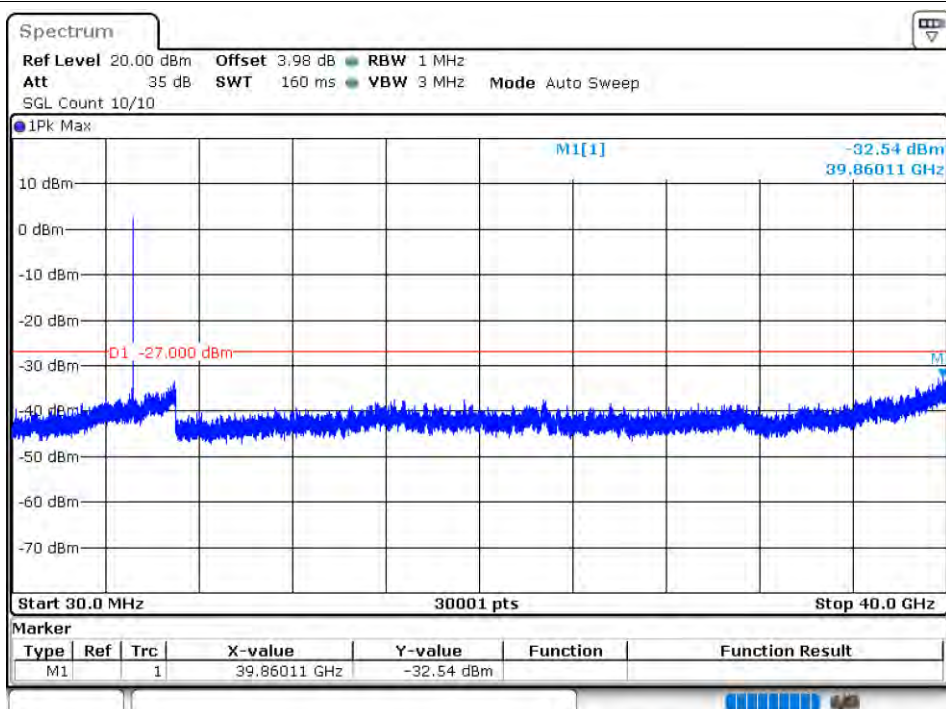
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



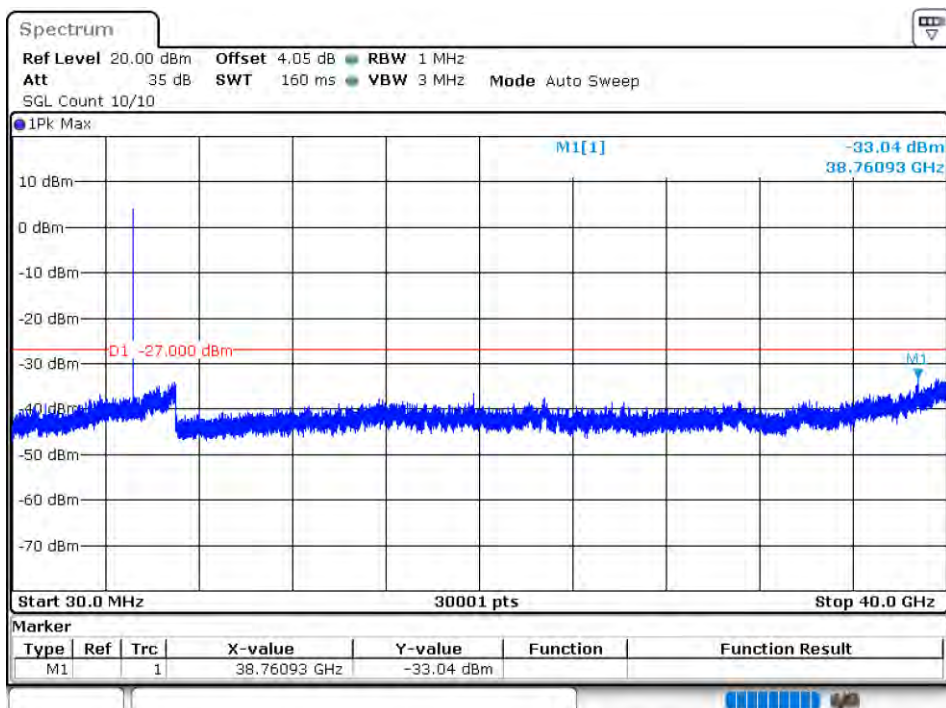
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



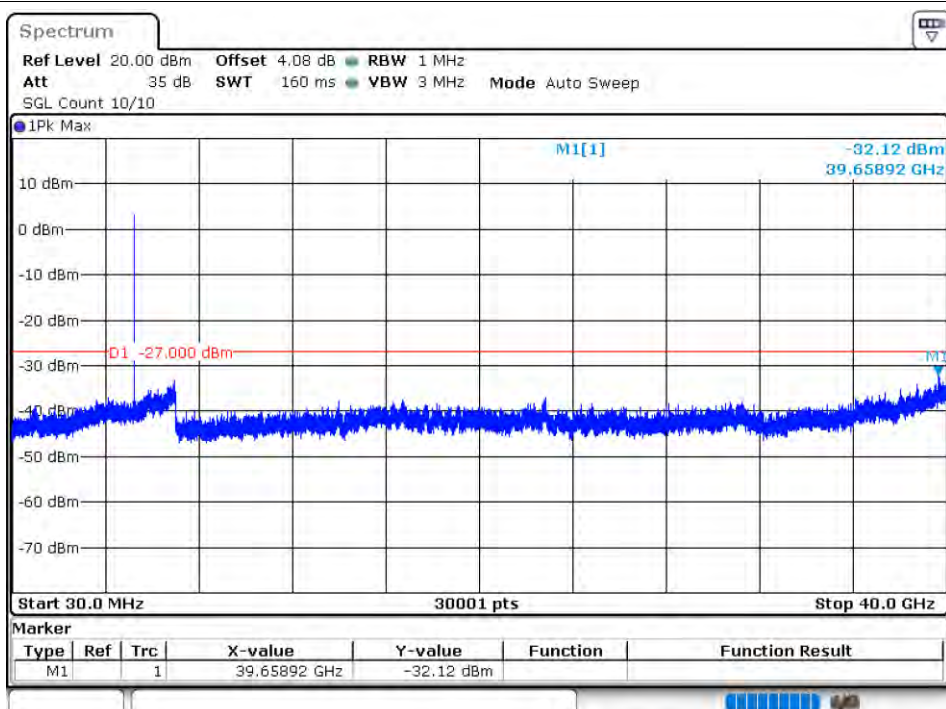
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



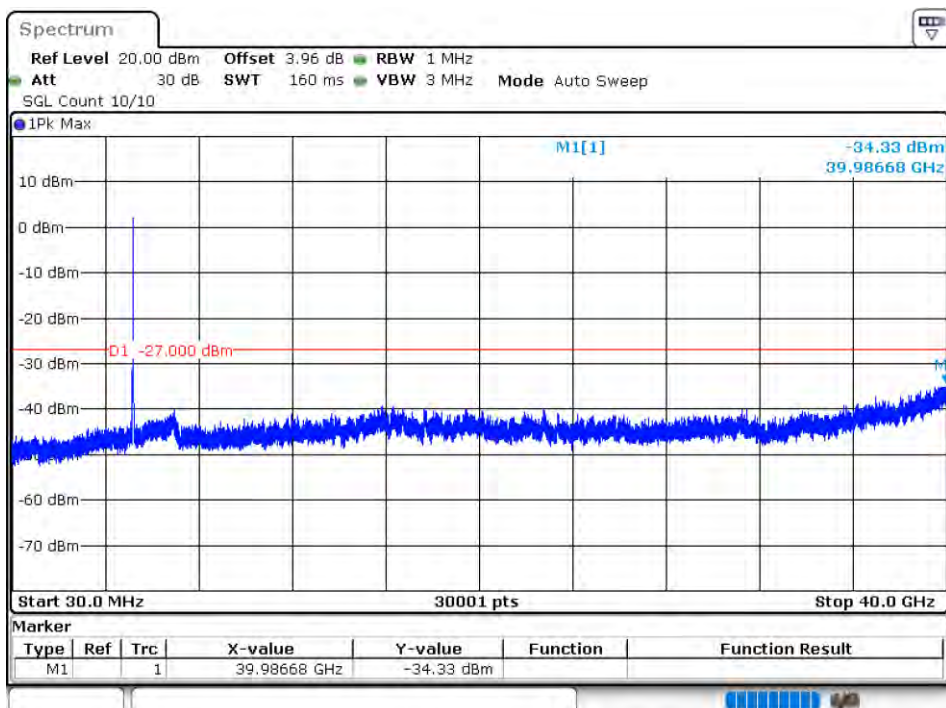
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



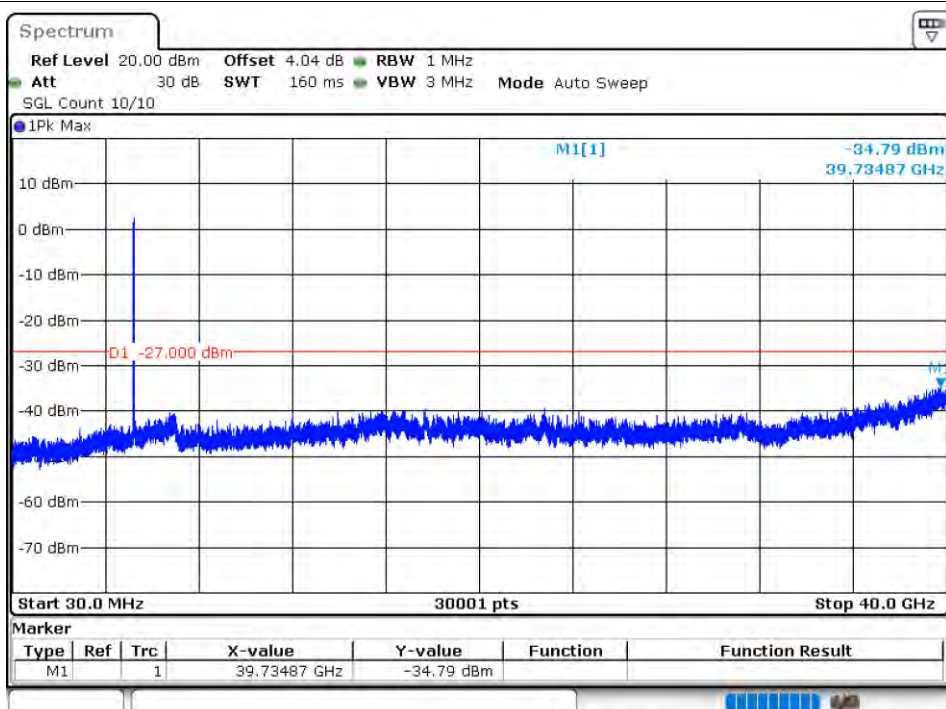
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



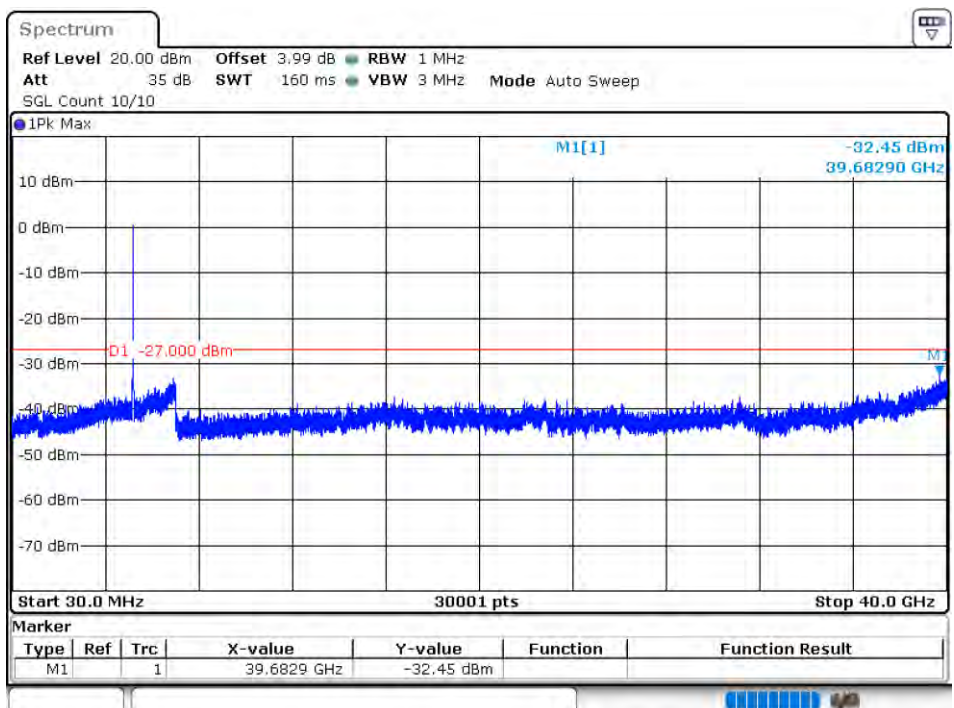
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



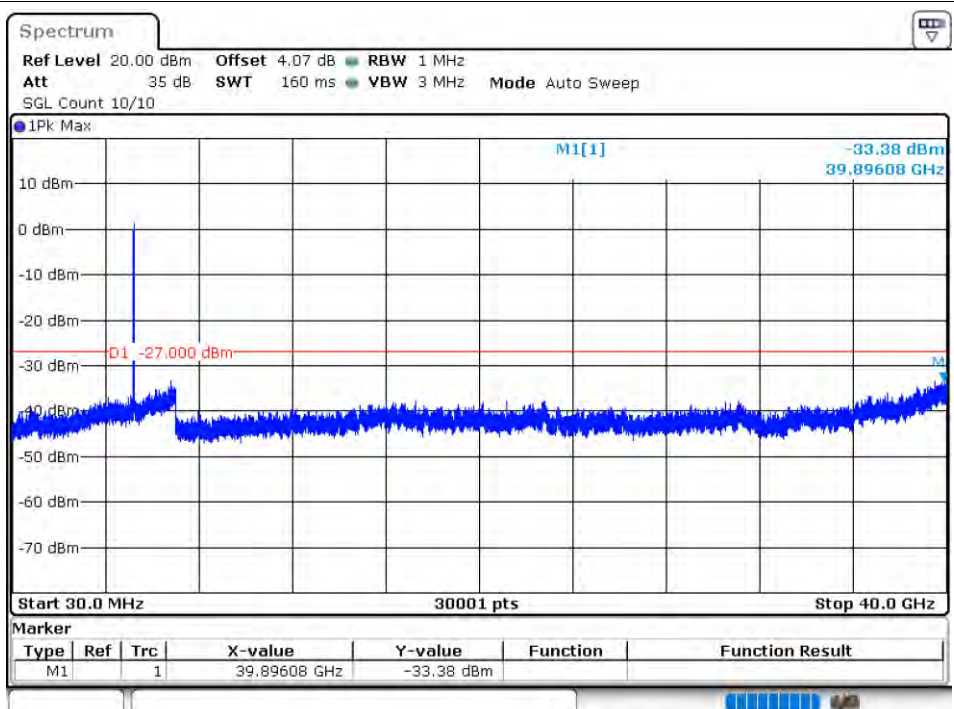
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



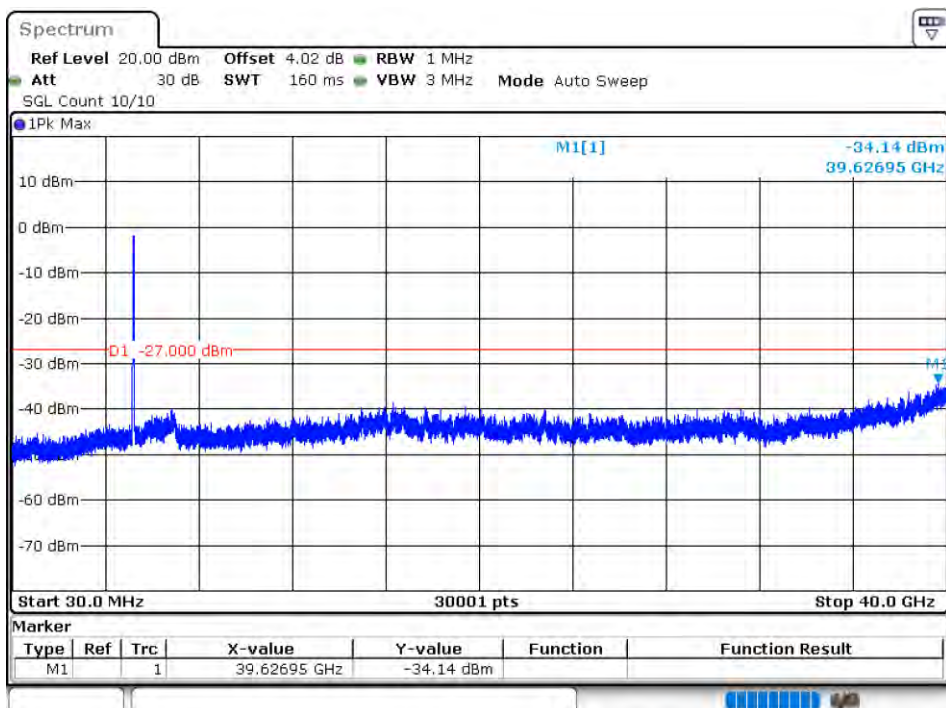
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



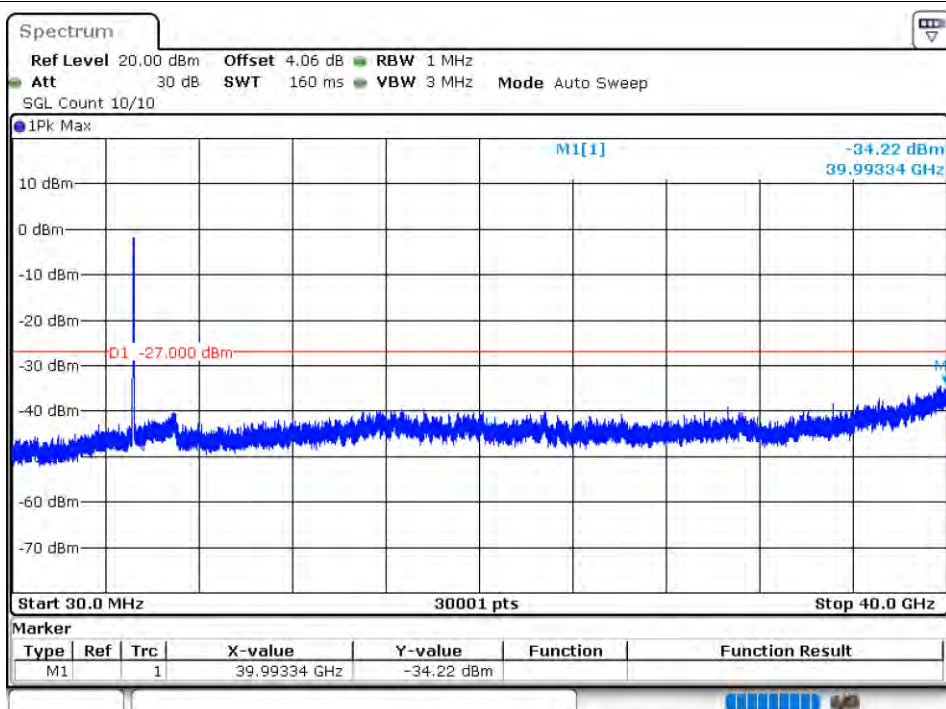
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



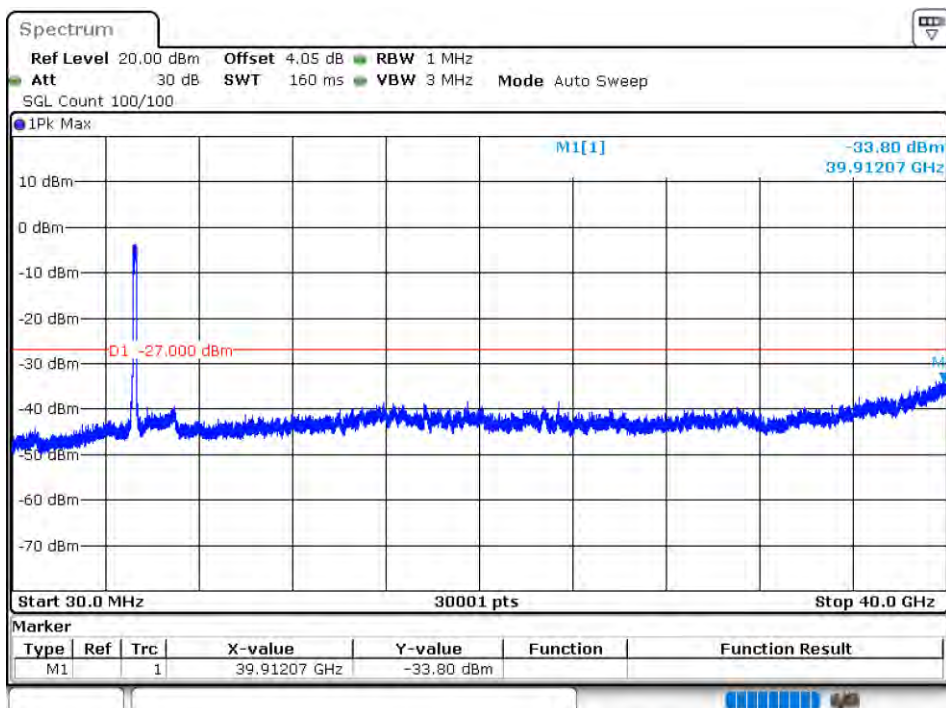
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



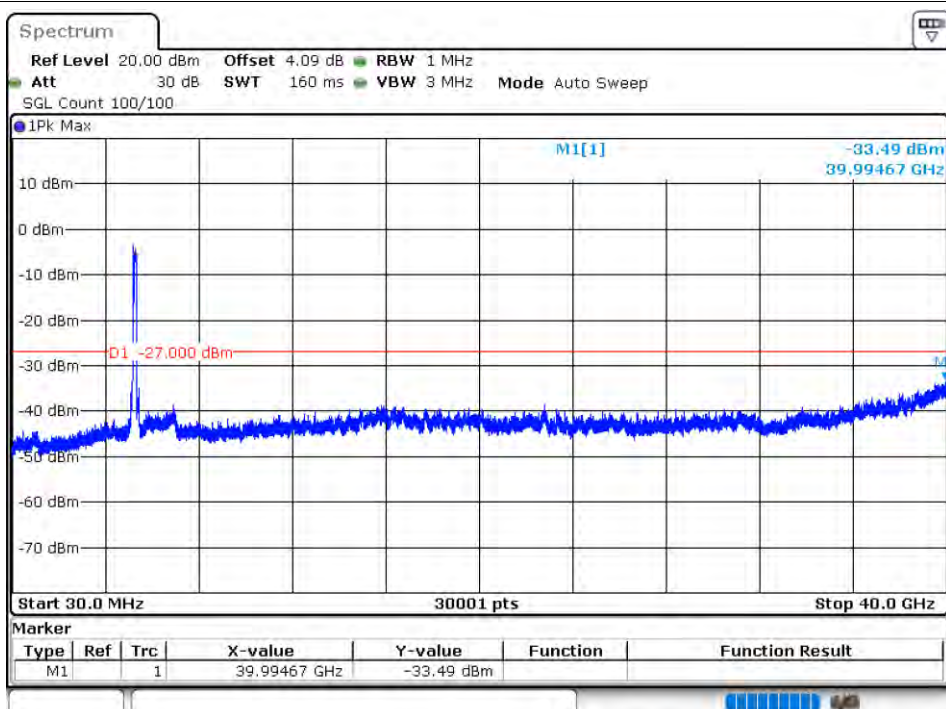
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



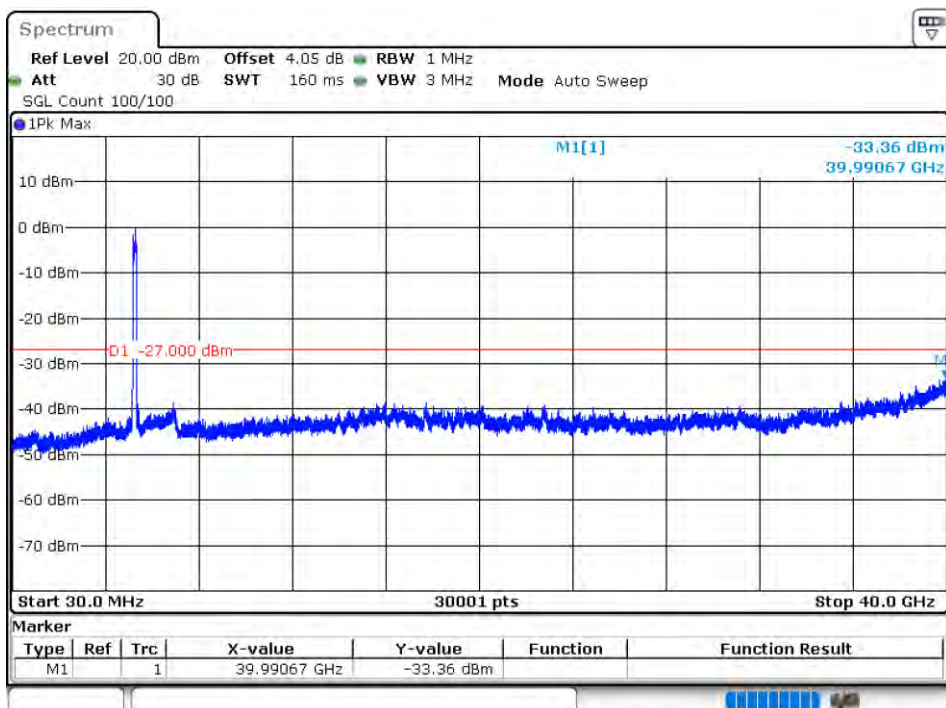
Tx. Spurious NVNT ac160 5250MHz Ant1 Emission



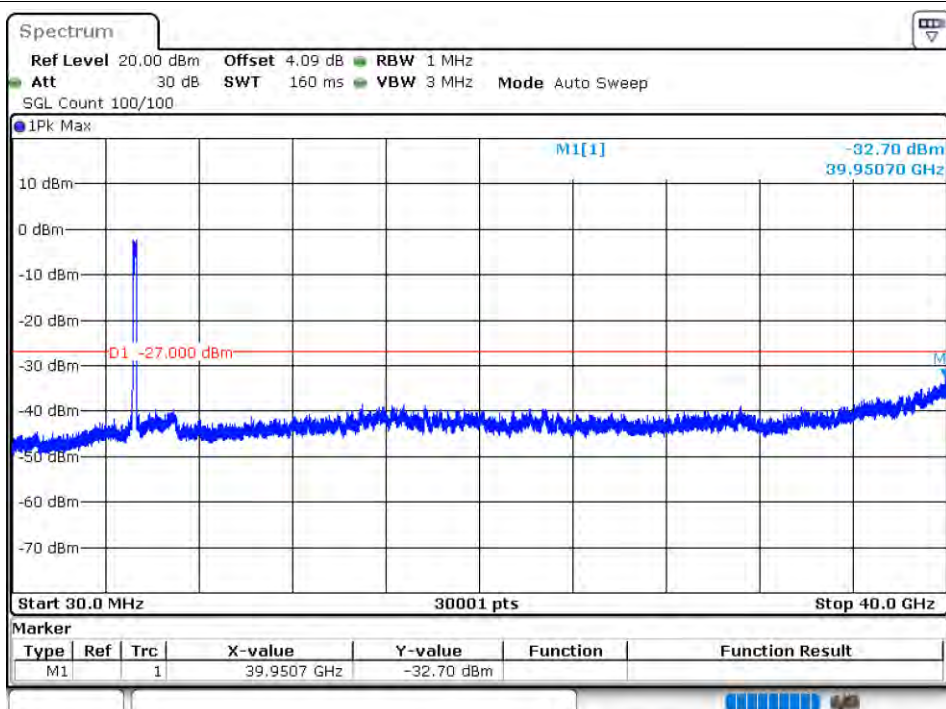
Tx. Spurious NVNT ac160 5250MHz Ant2 Emission



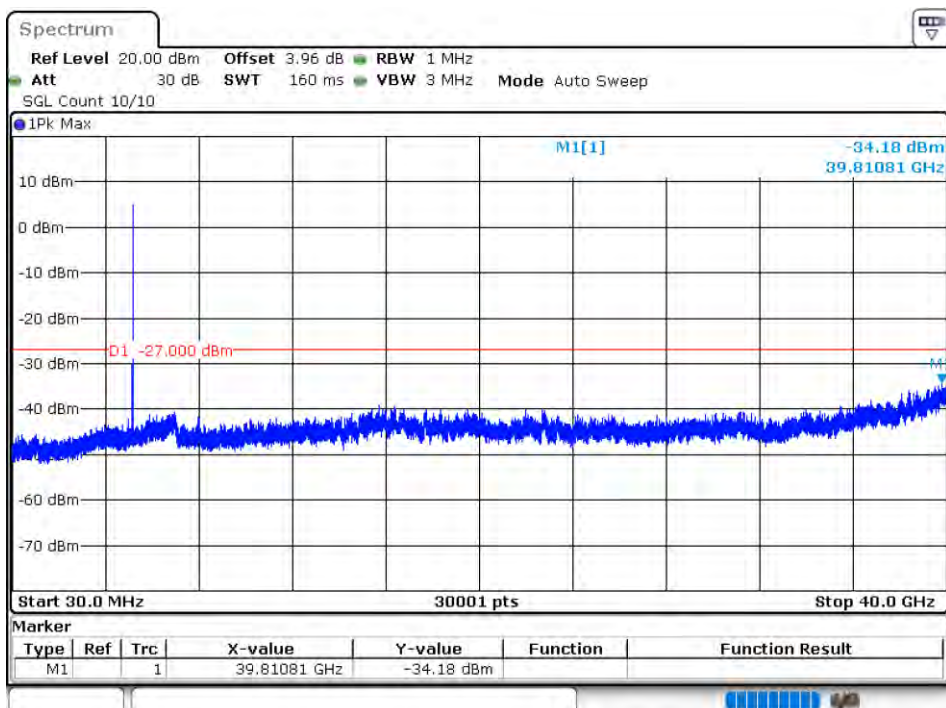
Tx. Spurious NVNT ax160 5250MHz Ant1 Emission



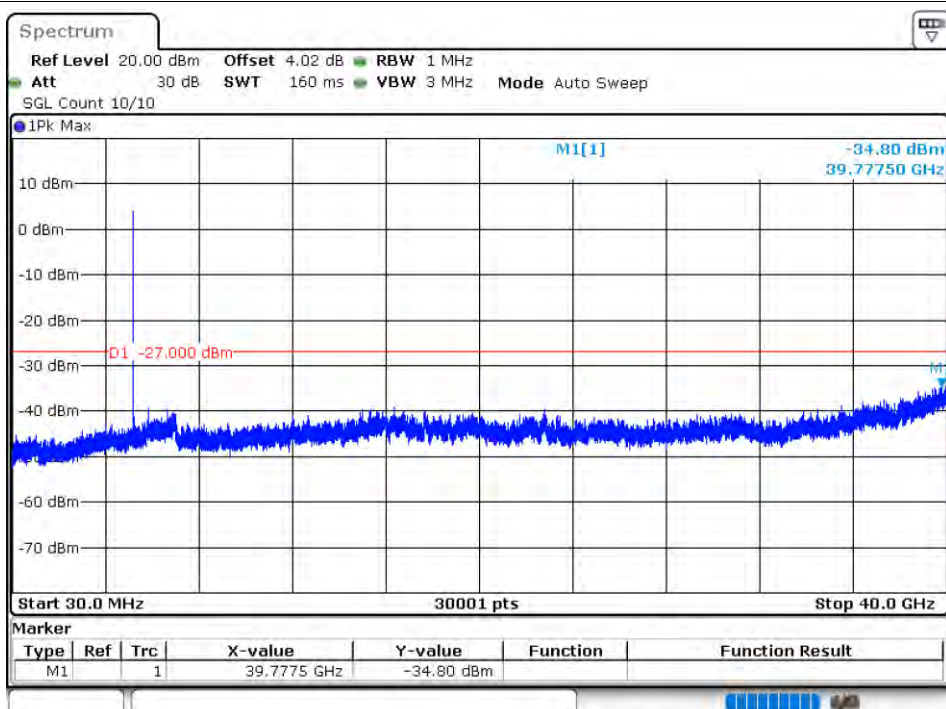
Tx. Spurious NVNT ax160 5250MHz Ant2 Emission



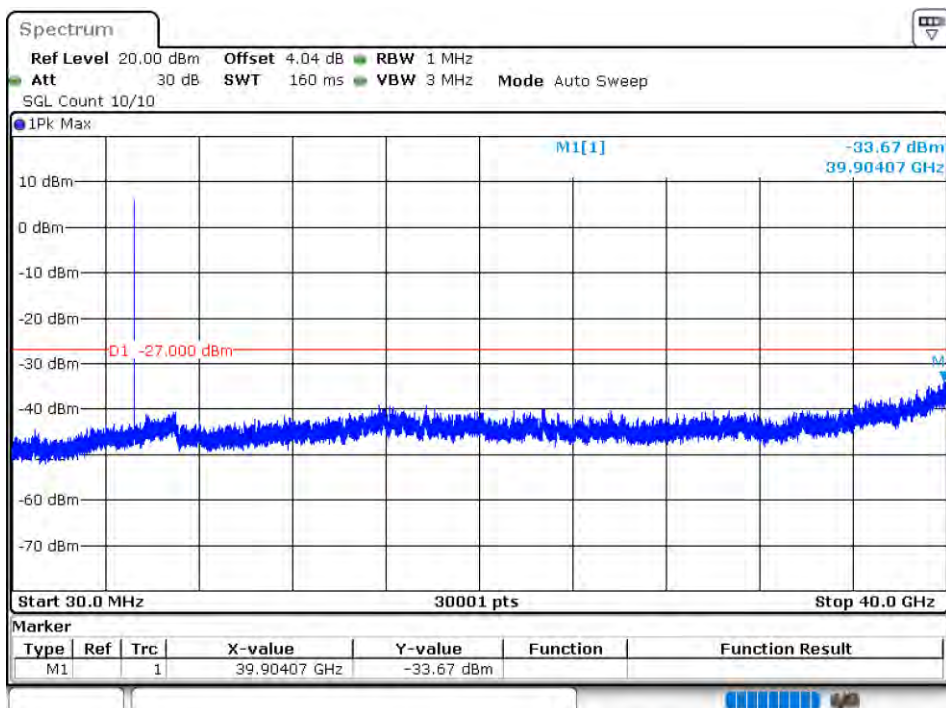
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



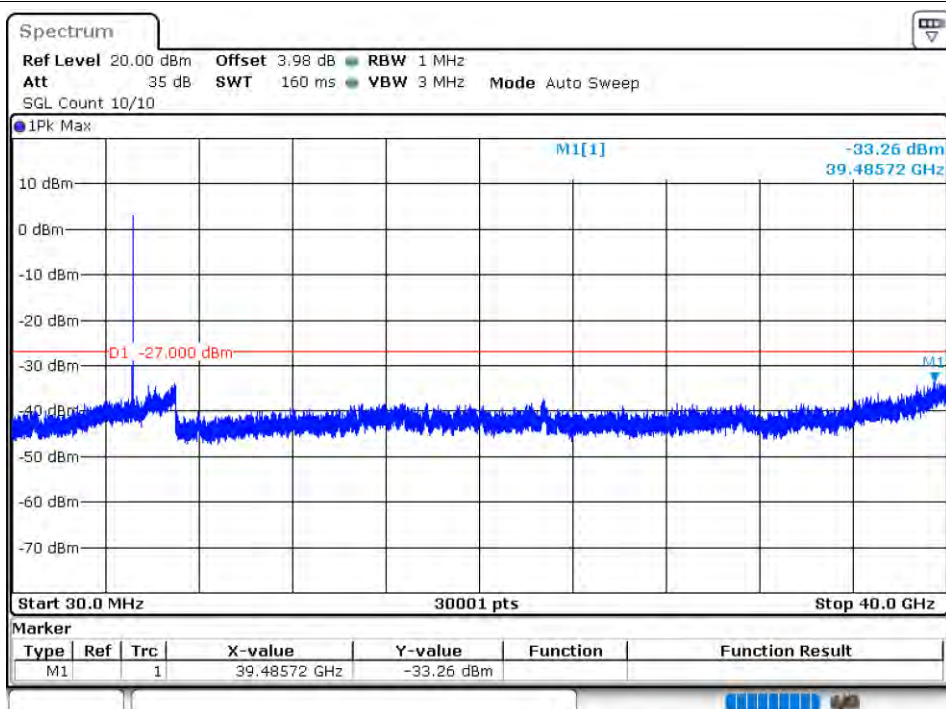
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



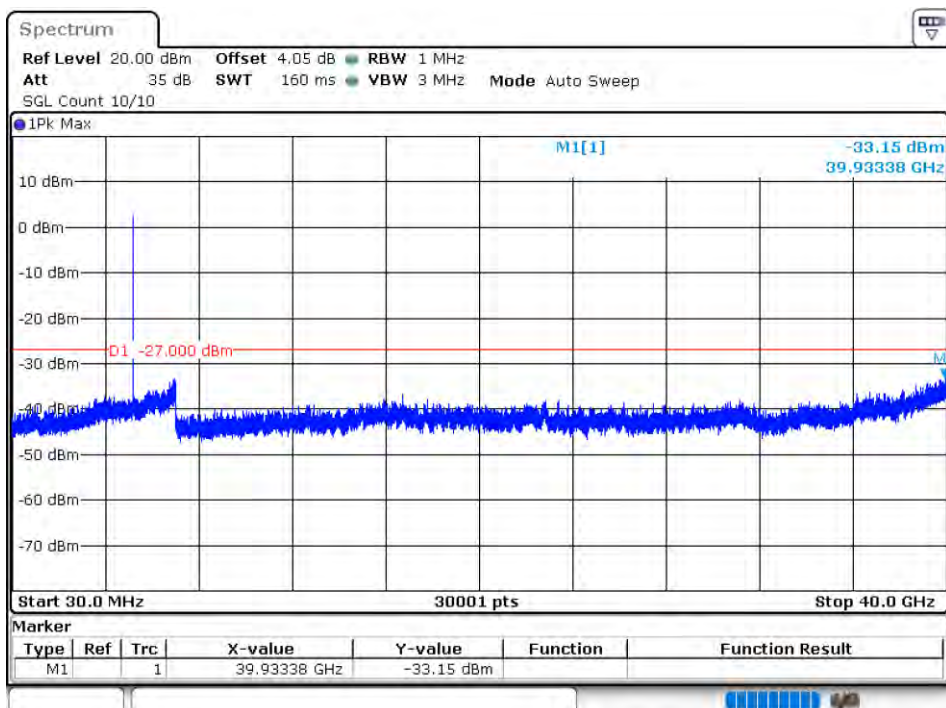
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



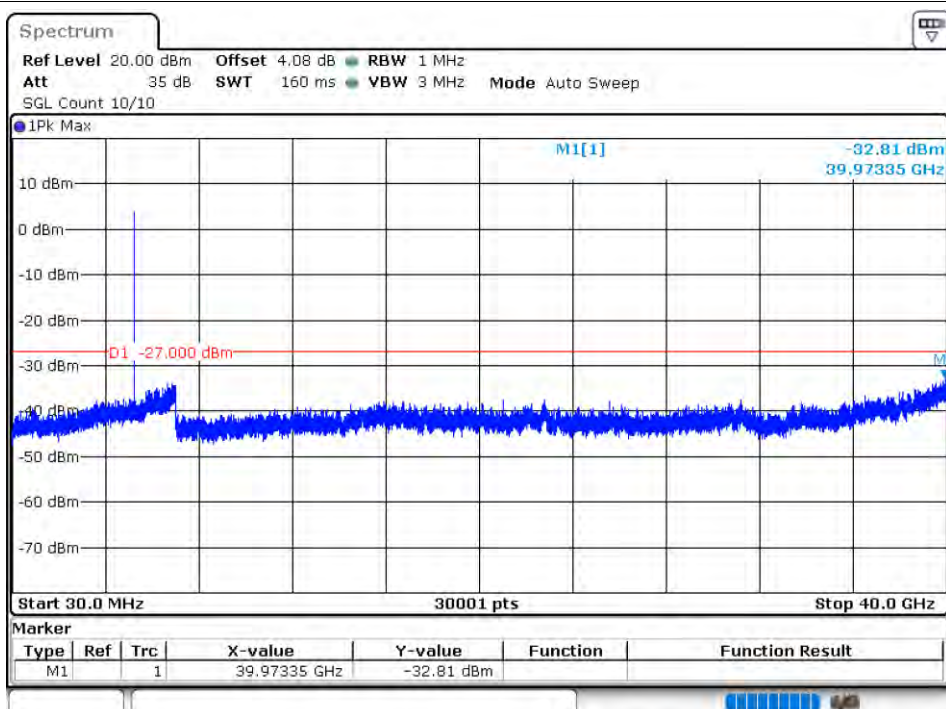
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission



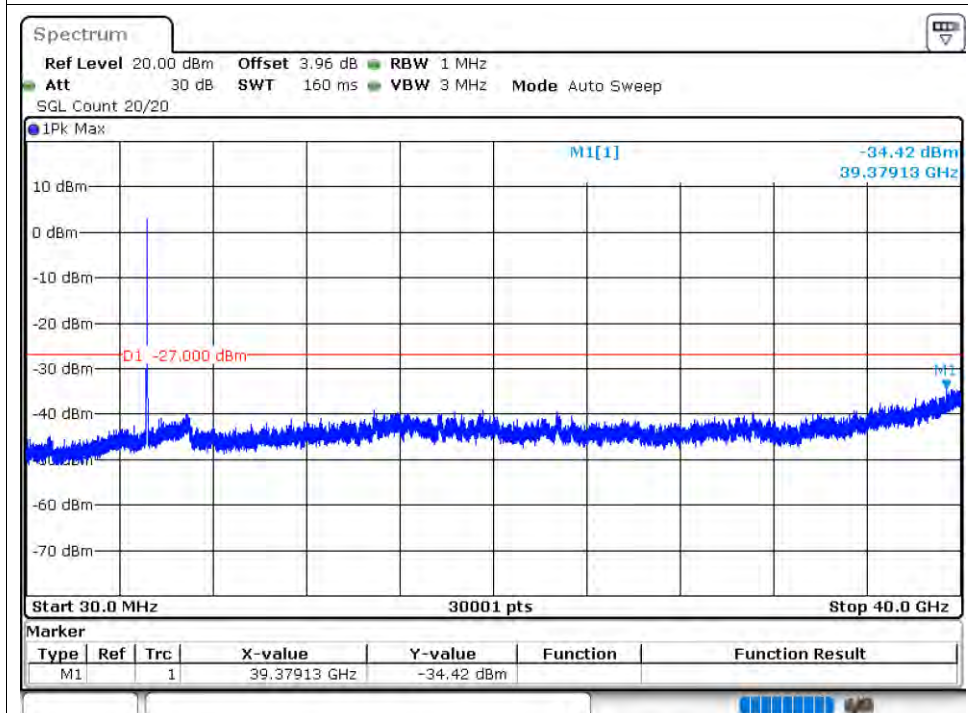
Tx. Spurious NVNT ax20 5200MHz Ant2 Emission



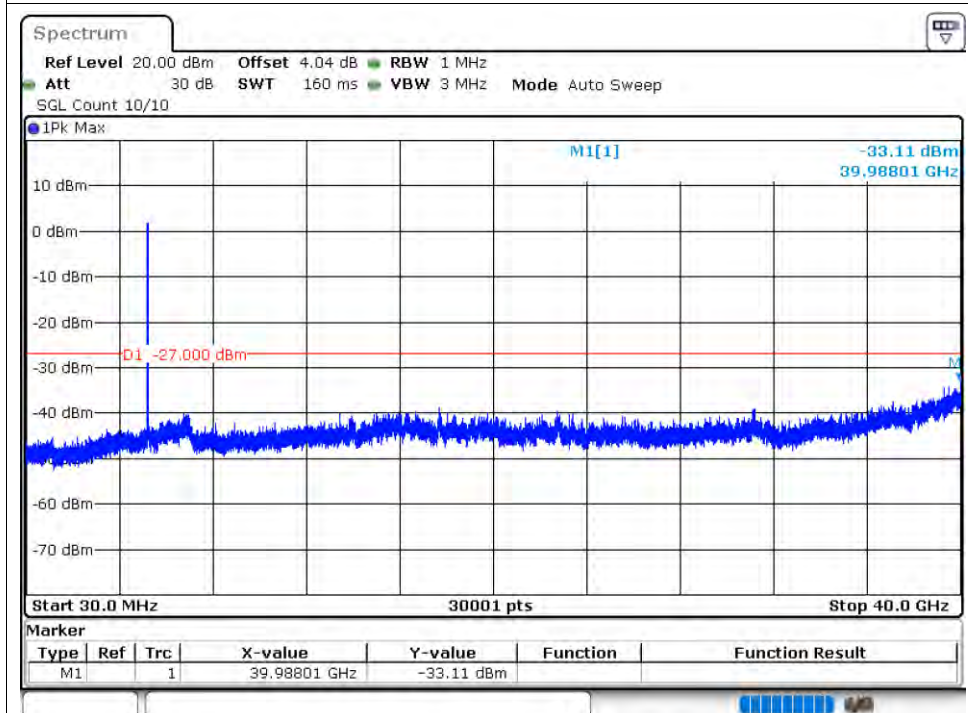
Tx. Spurious NVNT ax20 5240MHz Ant2 Emission



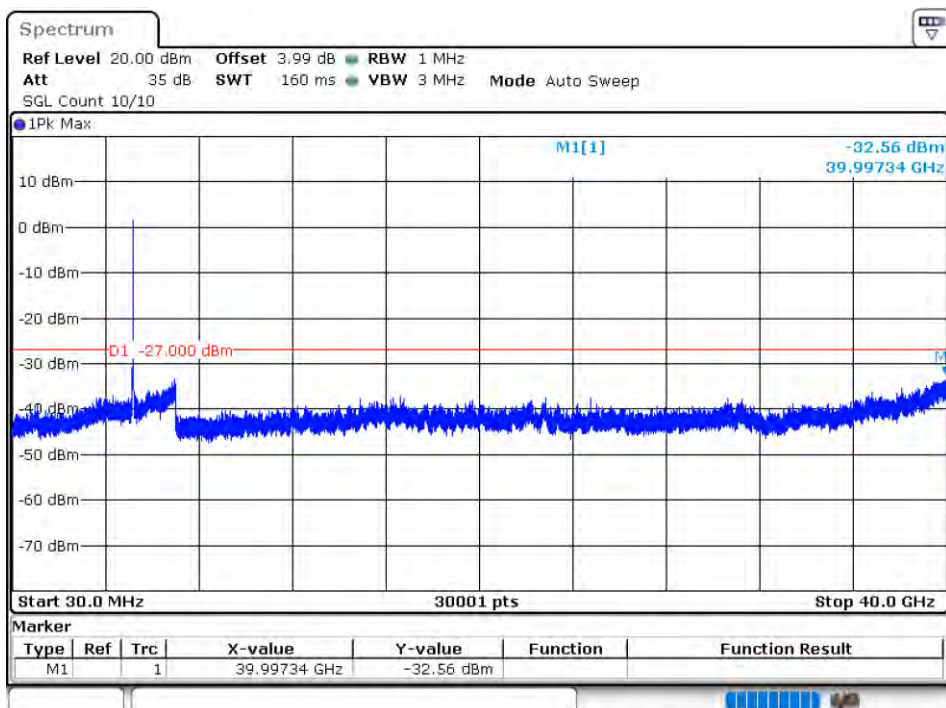
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



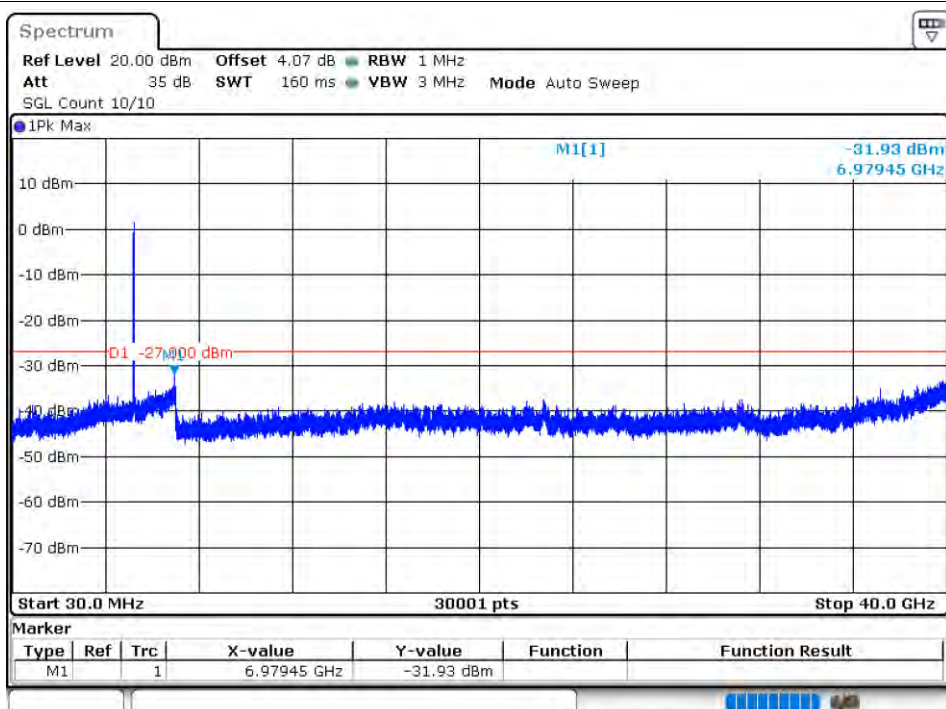
Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



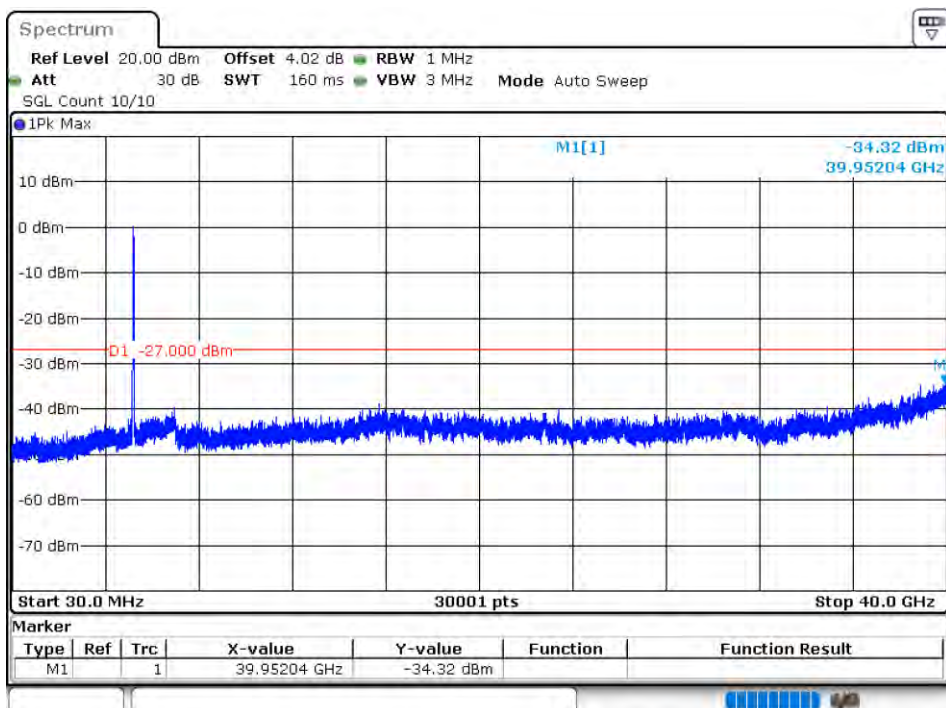
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



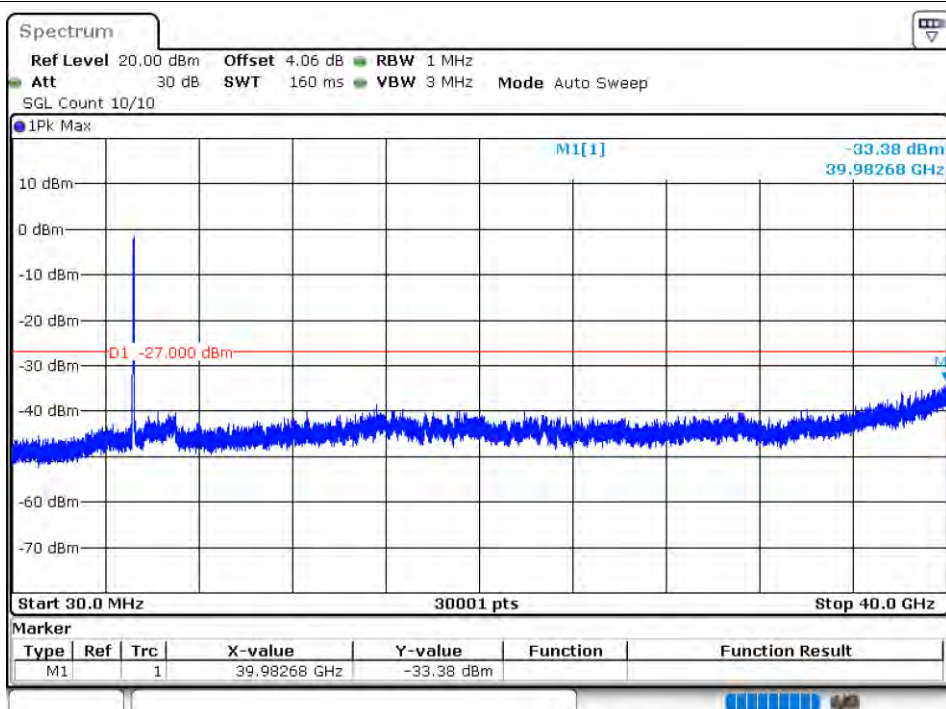
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



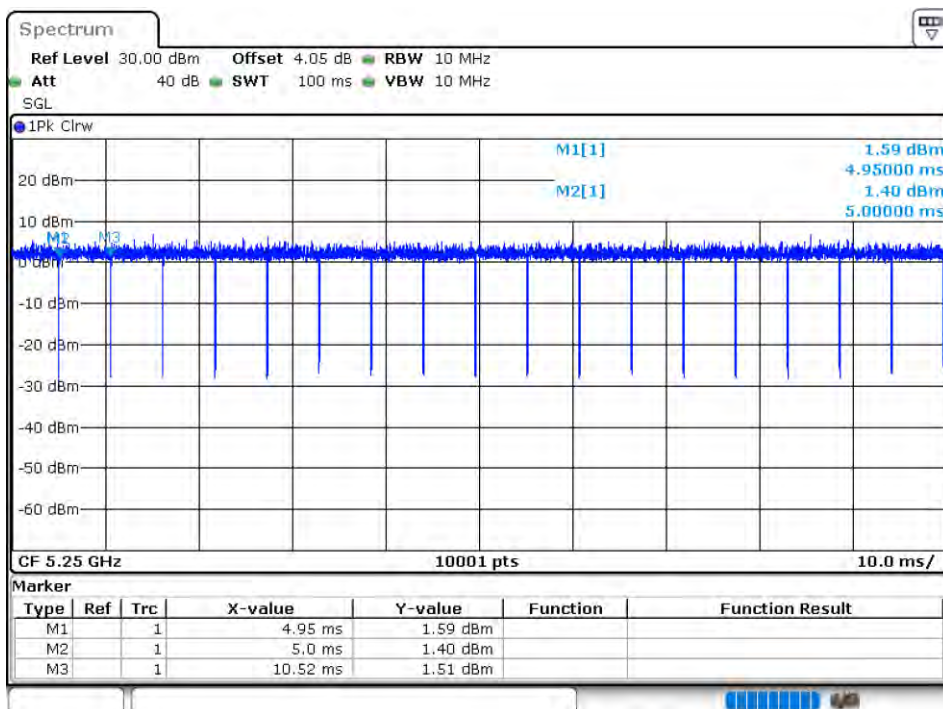
## 5.2G WIFI MIMO

### Duty Cycle

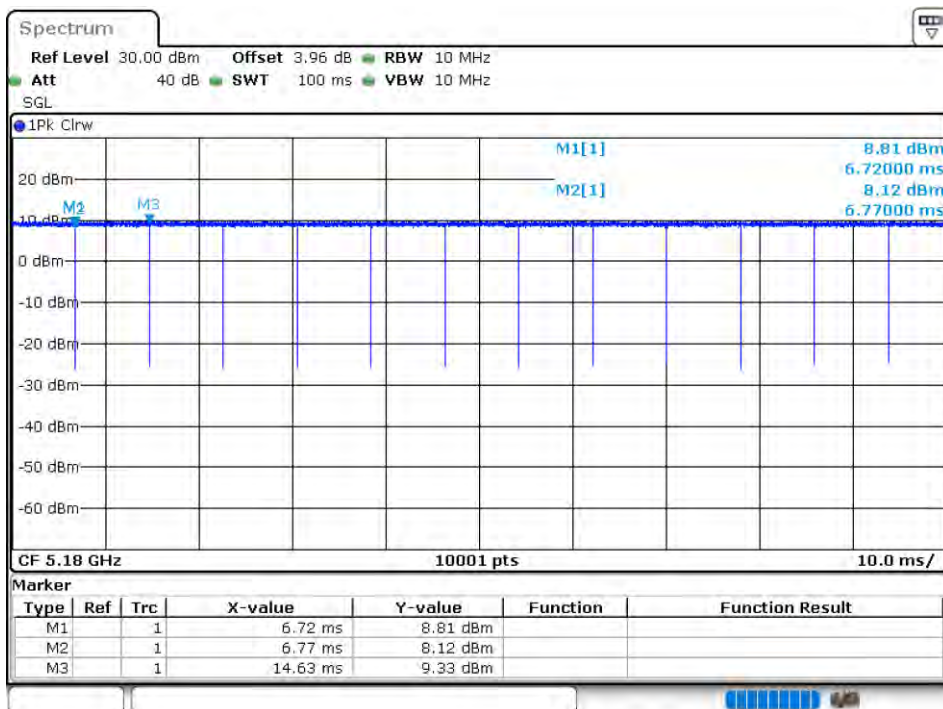
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | ac160 | 5250            | Sum     | 99.26          | 0.03                   | 0.18      |
| NVNT      | ac20  | 5180            | Sum     | 99.54          | 0.02                   | 0.13      |
| NVNT      | ac20  | 5200            | Sum     | 99.51          | 0.02                   | 0.13      |
| NVNT      | ac20  | 5240            | Sum     | 99.51          | 0.02                   | 0.13      |
| NVNT      | ac40  | 5190            | Sum     | 99.49          | 0.02                   | 0.13      |
| NVNT      | ac40  | 5230            | Sum     | 99.51          | 0.02                   | 0.13      |
| NVNT      | ac80  | 5210            | Sum     | 99.45          | 0.02                   | 0.13      |
| NVNT      | ax160 | 5250            | Sum     | 99.11          | 0.04                   | 0.22      |
| NVNT      | ax20  | 5180            | Sum     | 99.54          | 0.02                   | 0.13      |
| NVNT      | ax20  | 5200            | Sum     | 99.56          | 0.02                   | 0.13      |
| NVNT      | ax20  | 5240            | Sum     | 99.59          | 0.02                   | 0.13      |
| NVNT      | ax40  | 5190            | Sum     | 99.51          | 0.02                   | 0.13      |
| NVNT      | ax40  | 5230            | Sum     | 99.49          | 0.02                   | 0.13      |
| NVNT      | ax80  | 5210            | Sum     | 99.51          | 0.02                   | 0.13      |
| NVNT      | n20   | 5180            | Sum     | 99.58          | 0.02                   | 0.13      |
| NVNT      | n20   | 5200            | Sum     | 99.48          | 0.02                   | 0.13      |
| NVNT      | n20   | 5240            | Sum     | 99.49          | 0.02                   | 0.13      |
| NVNT      | n40   | 5190            | Sum     | 99.46          | 0.02                   | 0.13      |
| NVNT      | n40   | 5230            | Sum     | 99.54          | 0.02                   | 0.13      |

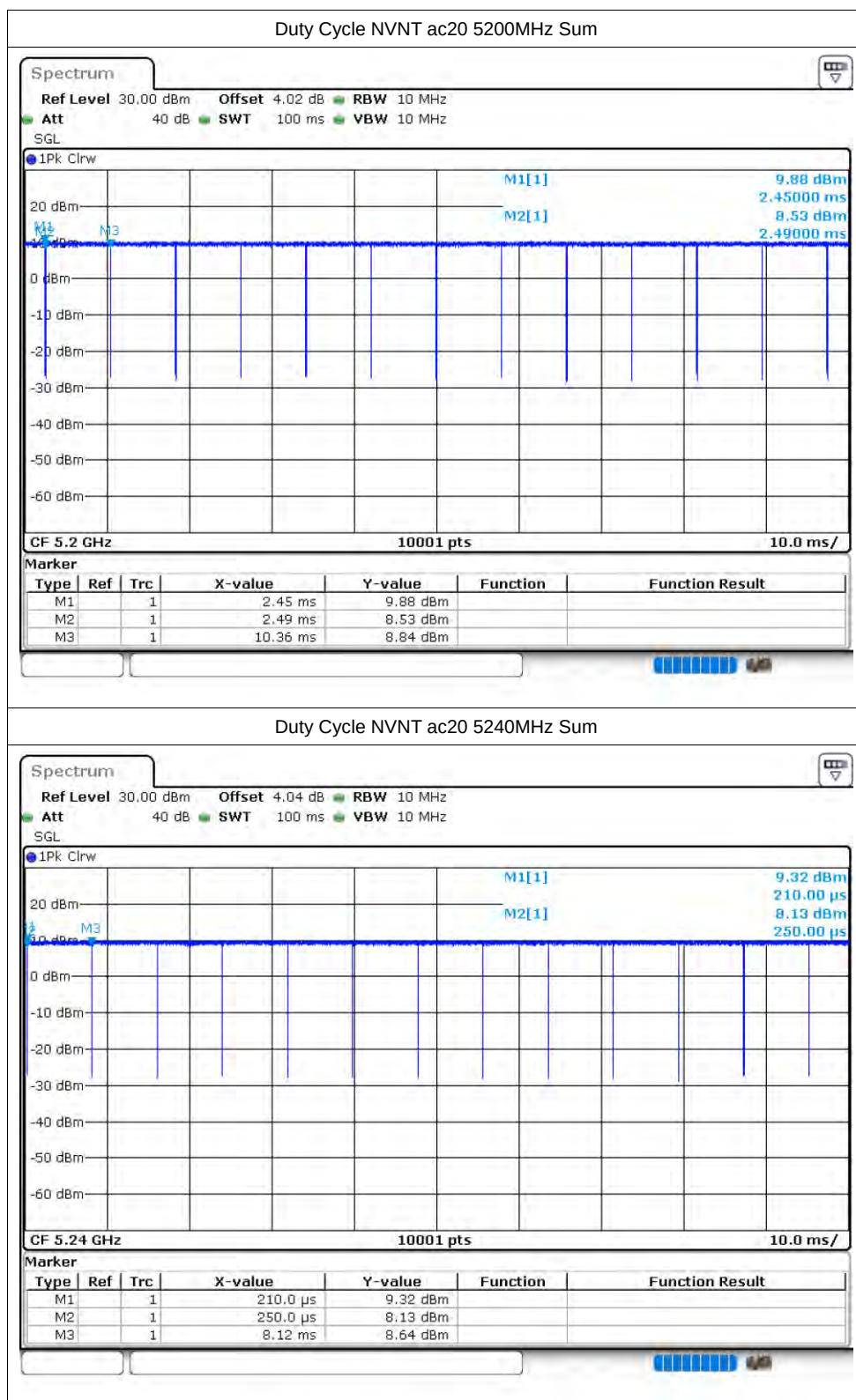
# Test Graphs

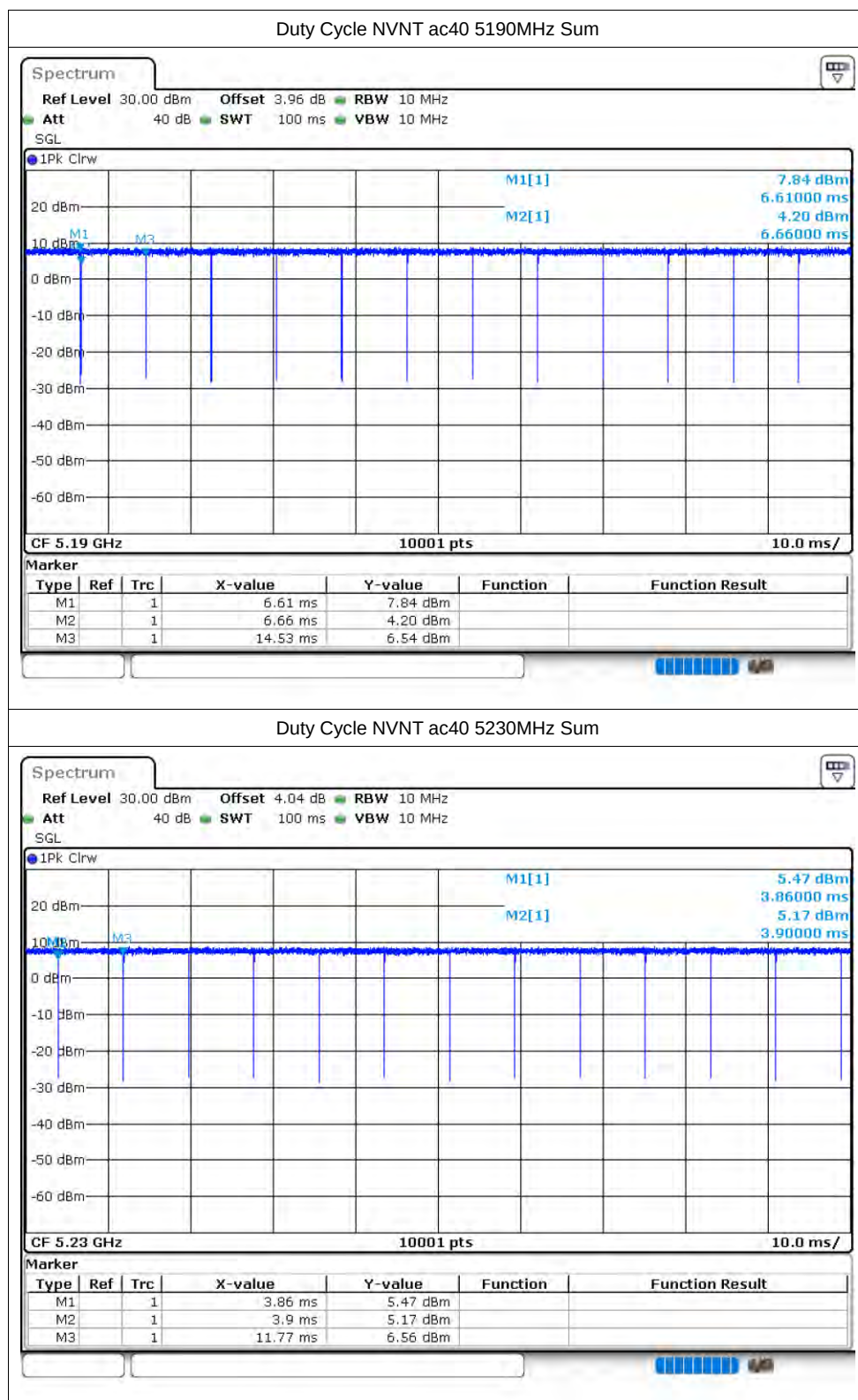
## Duty Cycle NVNT ac160 5250MHz Sum

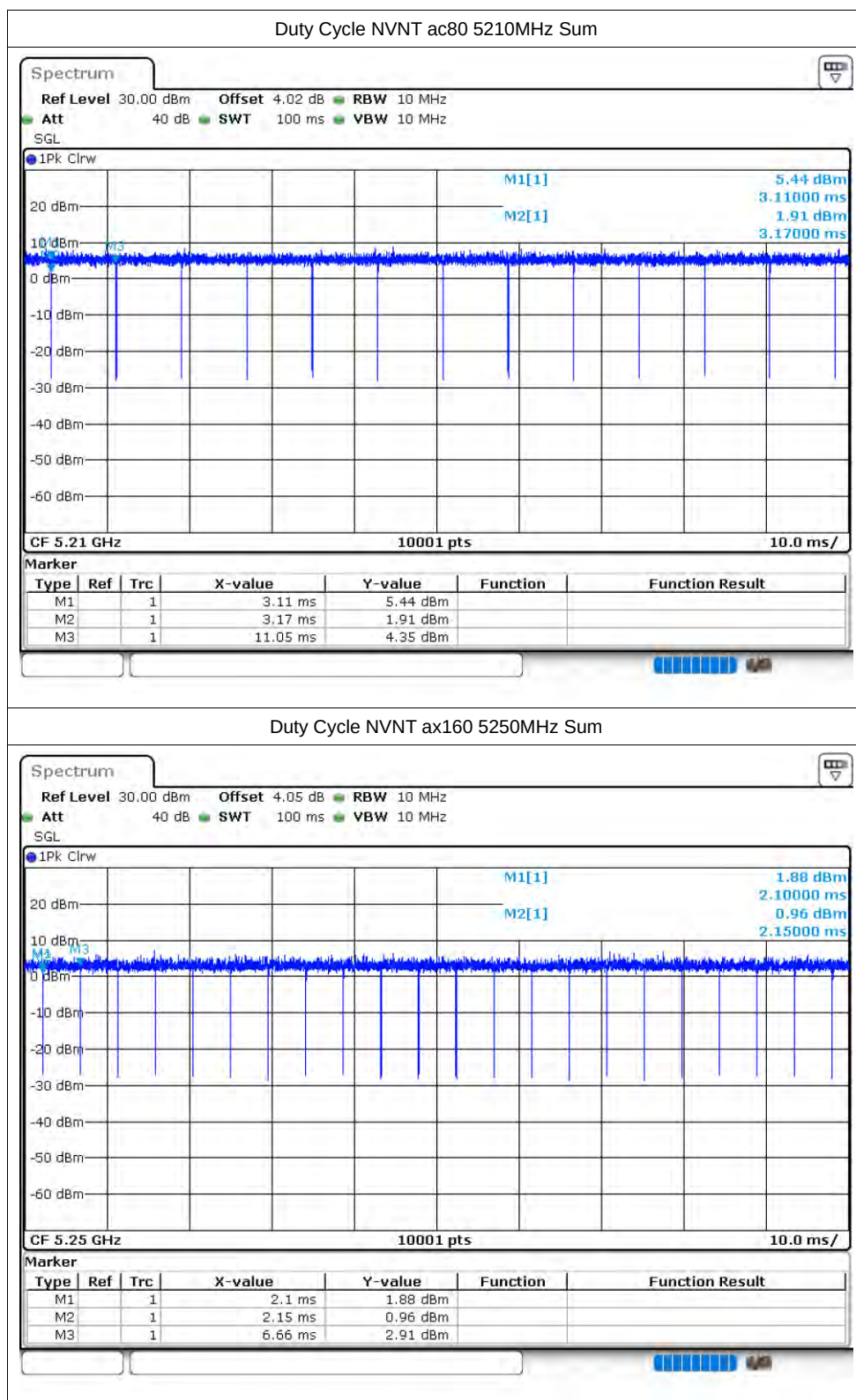


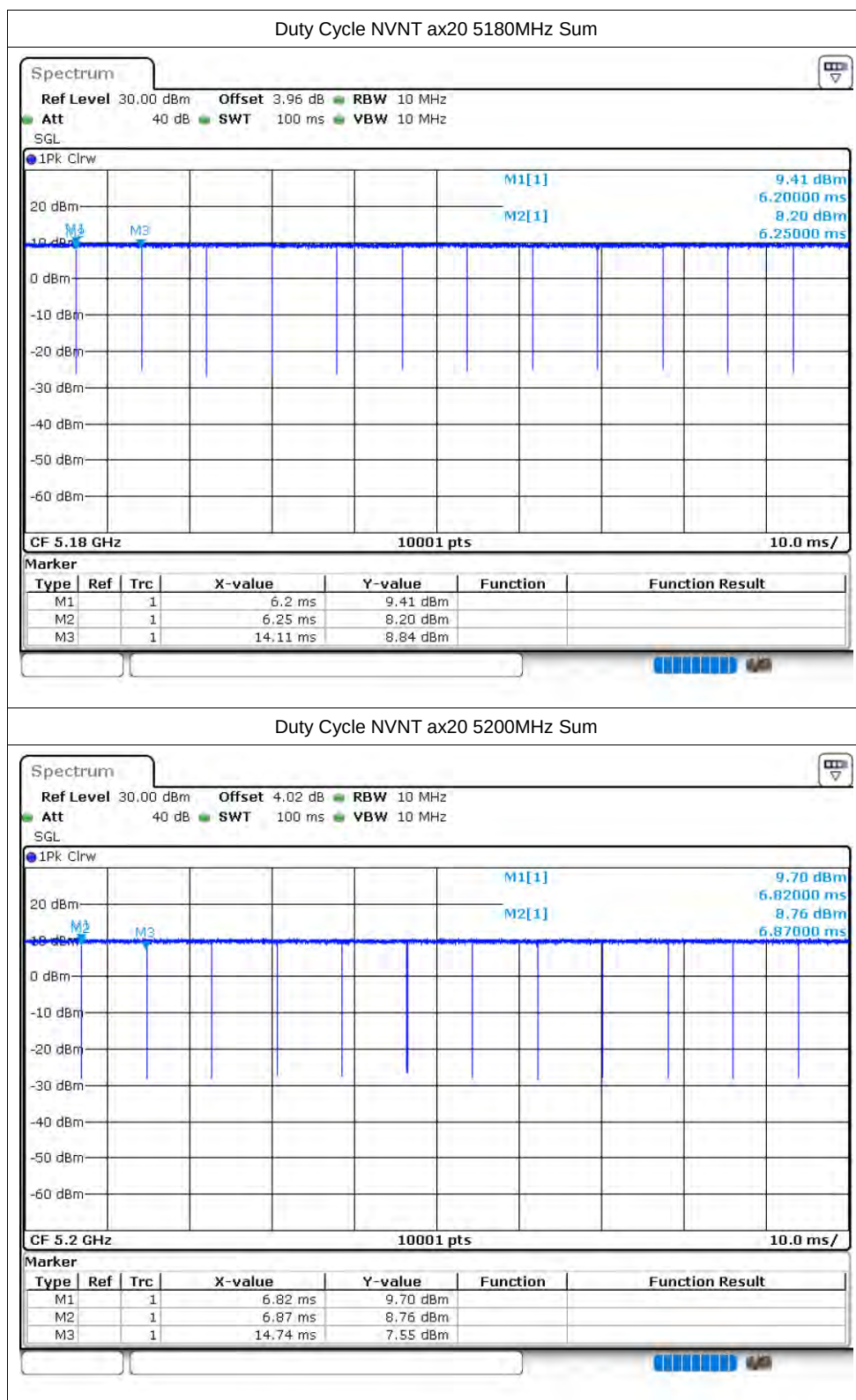
## Duty Cycle NVNT ac20 5180MHz Sum

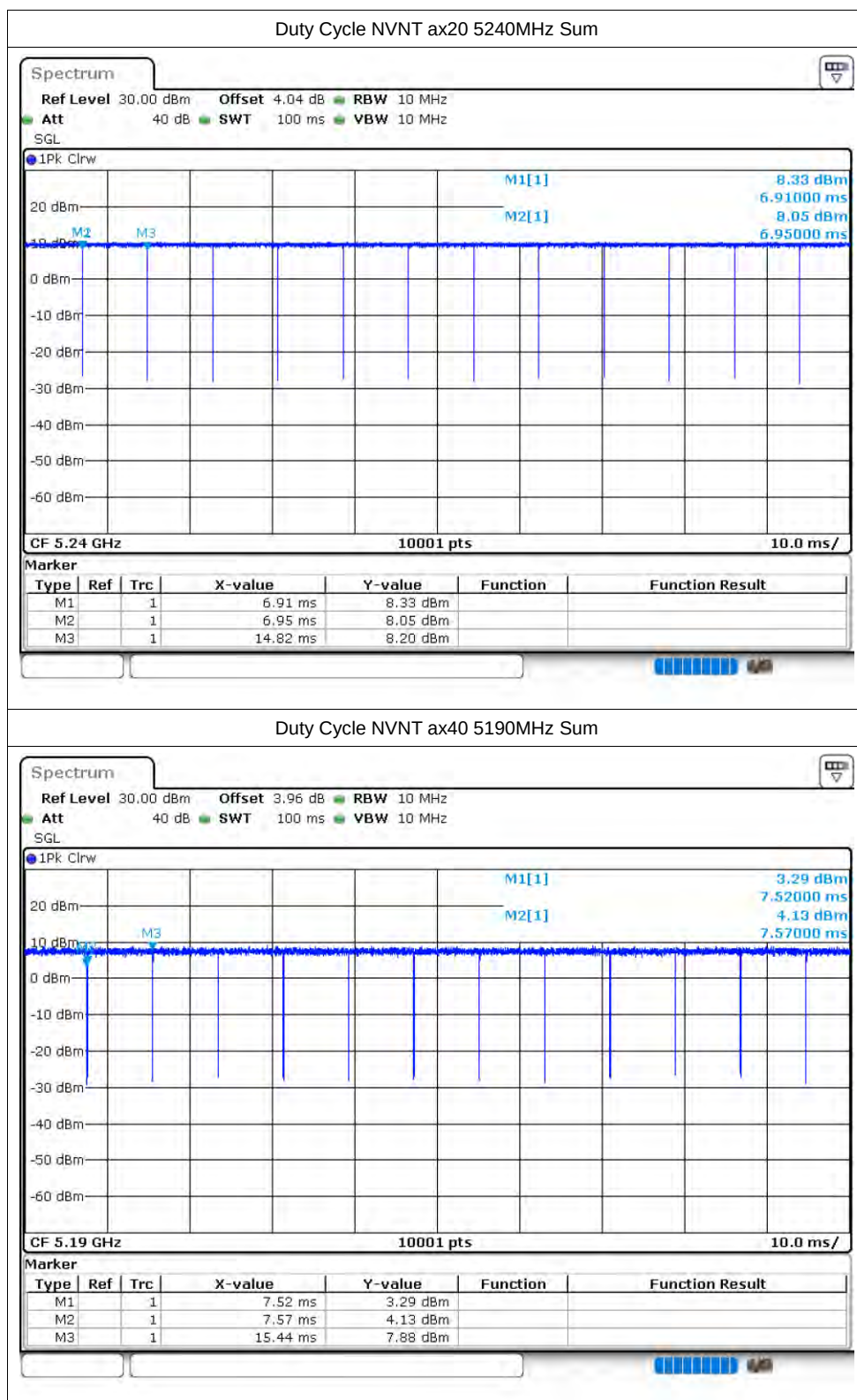


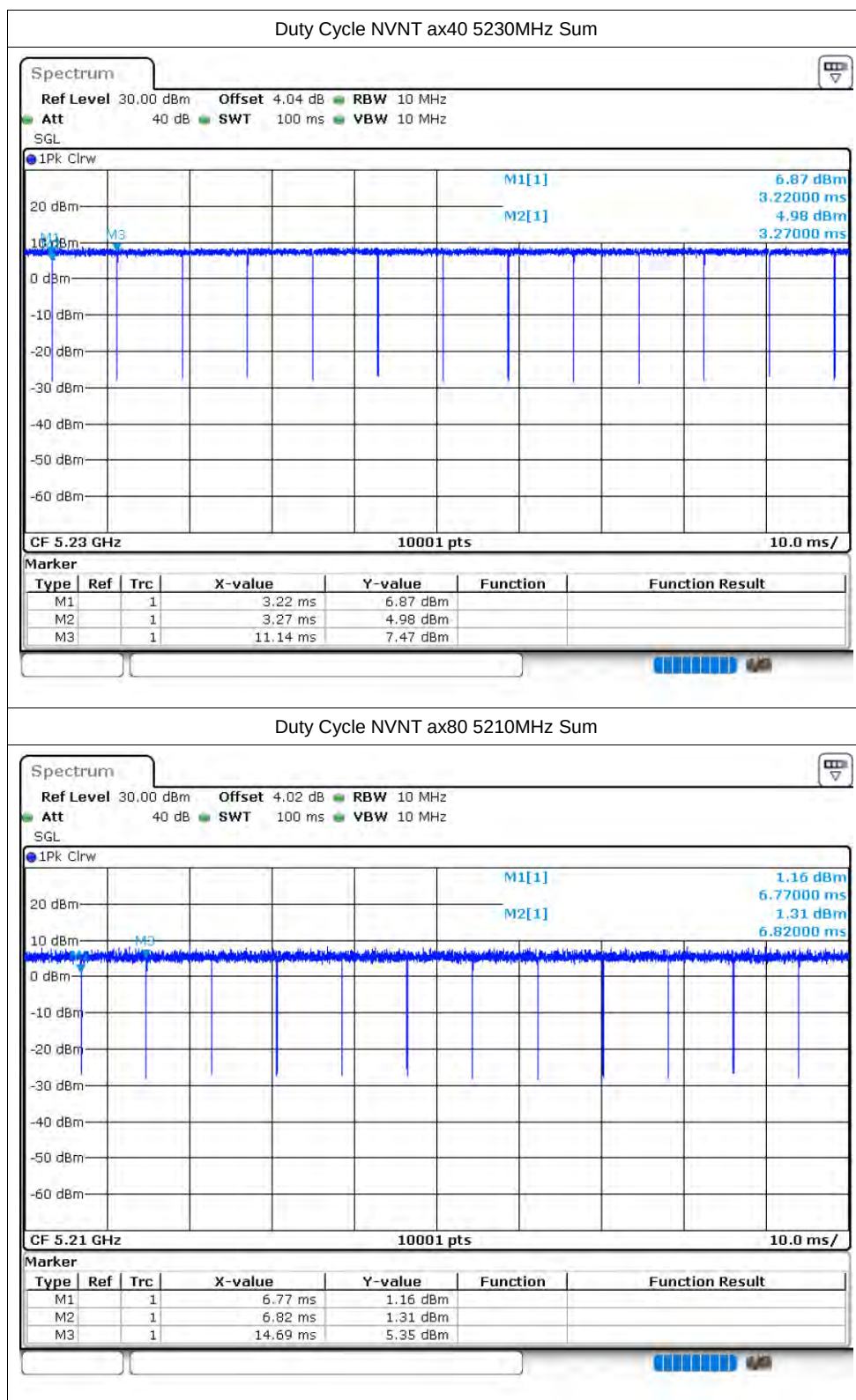


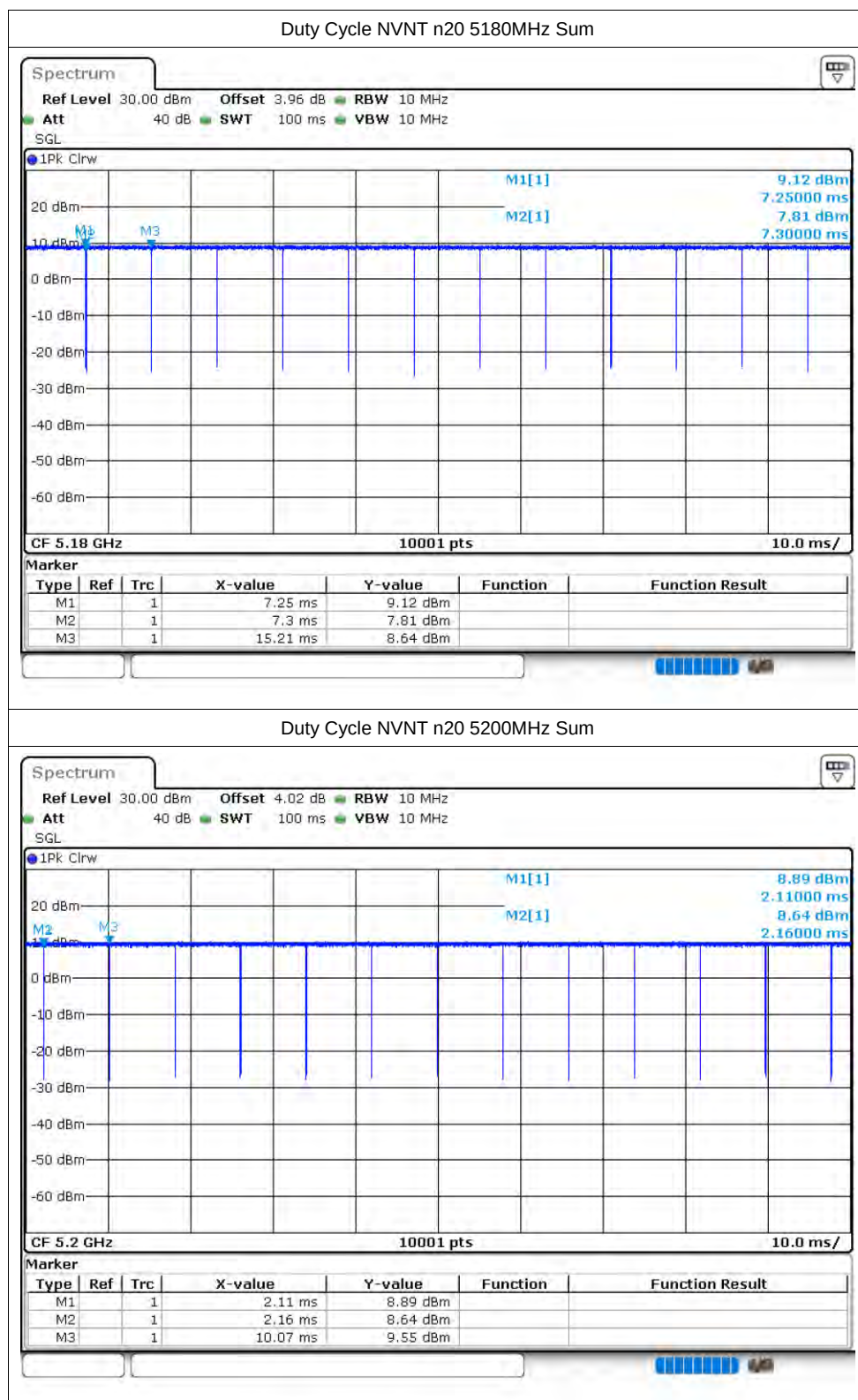


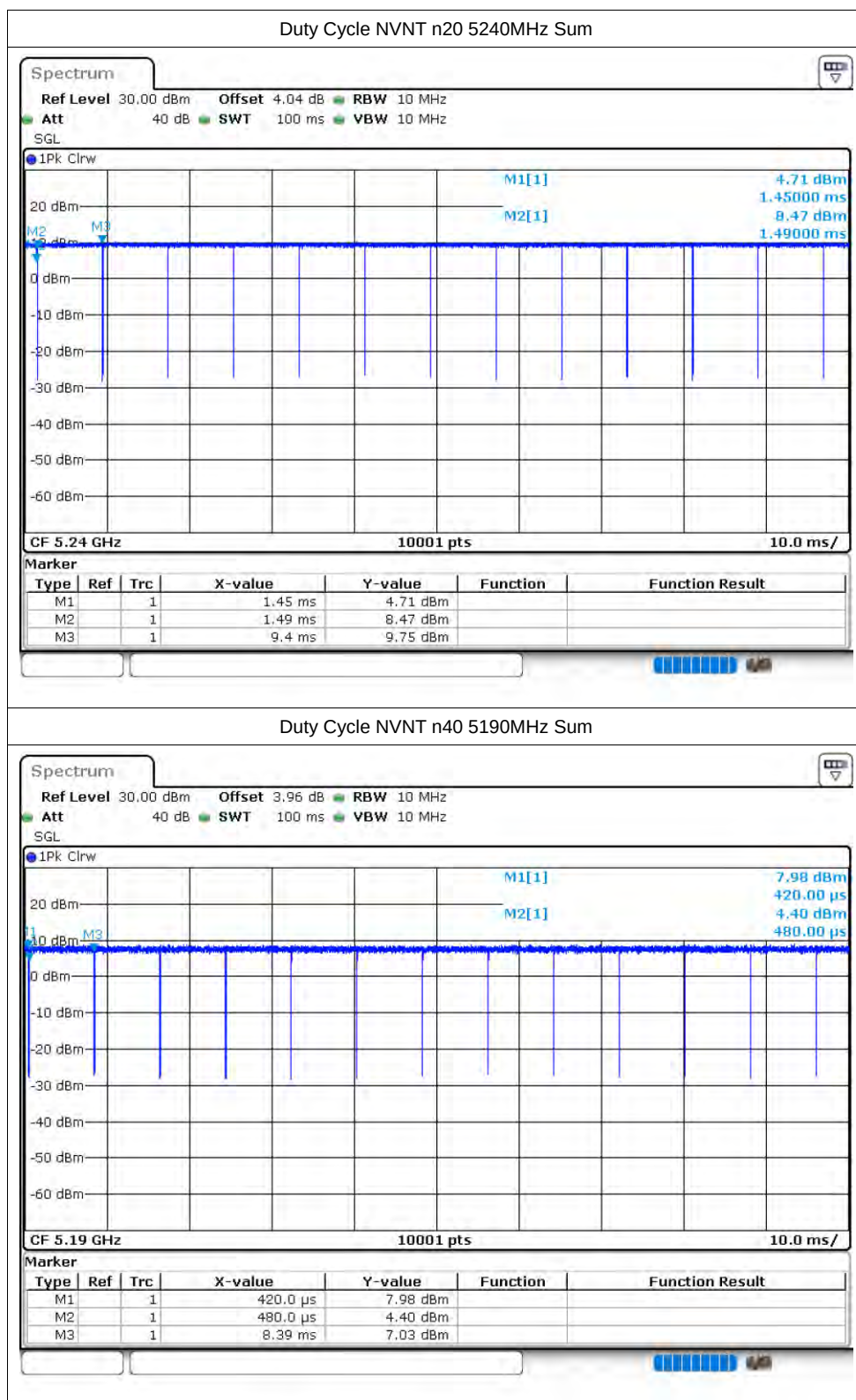


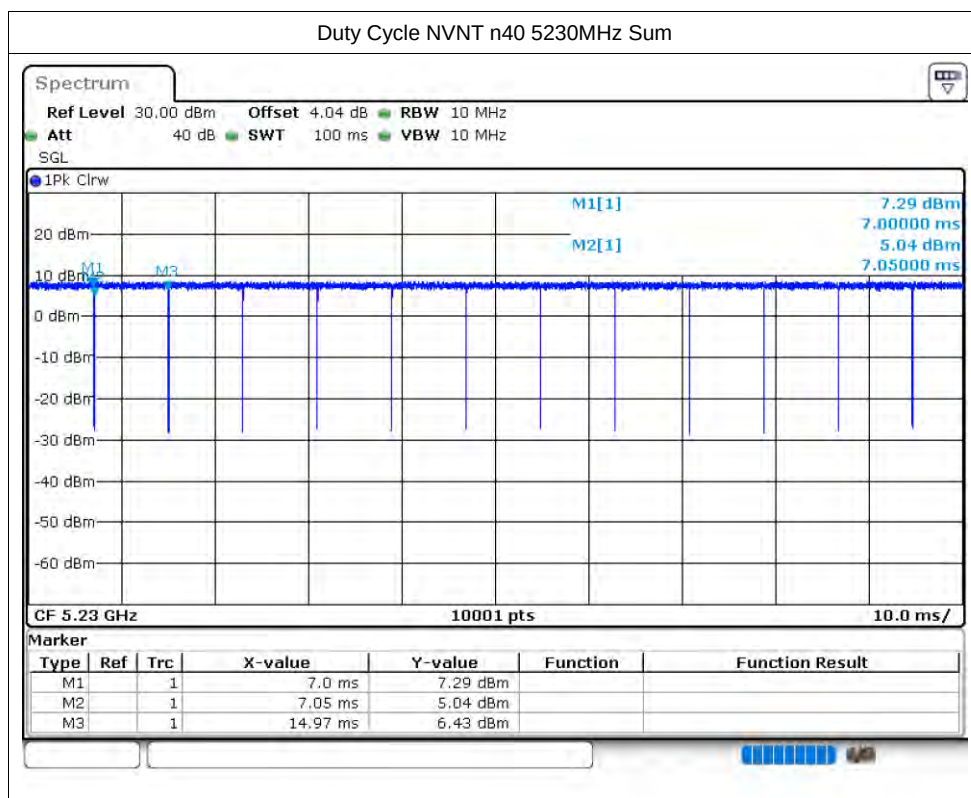












## Maximum Conducted Output Power

| Condition | Mode  | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|-------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | ac160 | 5250               | Ant1    | 9.07                     | 23.94          | Pass    |
| NVNT      | ac160 | 5250               | Ant2    | 9.2                      | 23.94          | Pass    |
| NVNT      | ac160 | 5250               | Sum     | 12.15                    | 23.94          | Pass    |
| NVNT      | ac20  | 5180               | Ant1    | 8.4                      | 23.94          | Pass    |
| NVNT      | ac20  | 5180               | Ant2    | 8.52                     | 23.94          | Pass    |
| NVNT      | ac20  | 5180               | Sum     | 11.47                    | 23.94          | Pass    |
| NVNT      | ac20  | 5200               | Ant1    | 8.46                     | 23.94          | Pass    |
| NVNT      | ac20  | 5200               | Ant2    | 8.67                     | 23.94          | Pass    |
| NVNT      | ac20  | 5200               | Sum     | 11.58                    | 23.94          | Pass    |
| NVNT      | ac20  | 5240               | Ant1    | 8.64                     | 23.94          | Pass    |
| NVNT      | ac20  | 5240               | Ant2    | 8.63                     | 23.94          | Pass    |
| NVNT      | ac20  | 5240               | Sum     | 11.65                    | 23.94          | Pass    |
| NVNT      | ac40  | 5190               | Ant1    | 9.02                     | 23.94          | Pass    |
| NVNT      | ac40  | 5190               | Ant2    | 9.15                     | 23.94          | Pass    |
| NVNT      | ac40  | 5190               | Sum     | 12.1                     | 23.94          | Pass    |
| NVNT      | ac40  | 5230               | Ant1    | 9.35                     | 23.94          | Pass    |
| NVNT      | ac40  | 5230               | Ant2    | 9.21                     | 23.94          | Pass    |
| NVNT      | ac40  | 5230               | Sum     | 12.29                    | 23.94          | Pass    |
| NVNT      | ac80  | 5210               | Ant1    | 9.26                     | 23.94          | Pass    |
| NVNT      | ac80  | 5210               | Ant2    | 9.3                      | 23.94          | Pass    |
| NVNT      | ac80  | 5210               | Sum     | 12.29                    | 23.94          | Pass    |
| NVNT      | ax160 | 5250               | Ant1    | 9.08                     | 23.94          | Pass    |
| NVNT      | ax160 | 5250               | Ant2    | 9.18                     | 23.94          | Pass    |
| NVNT      | ax160 | 5250               | Sum     | 12.14                    | 23.94          | Pass    |
| NVNT      | ax20  | 5180               | Ant1    | 8.66                     | 23.94          | Pass    |
| NVNT      | ax20  | 5180               | Ant2    | 8.73                     | 23.94          | Pass    |
| NVNT      | ax20  | 5180               | Sum     | 11.71                    | 23.94          | Pass    |
| NVNT      | ax20  | 5200               | Ant1    | 8.55                     | 23.94          | Pass    |
| NVNT      | ax20  | 5200               | Ant2    | 8.83                     | 23.94          | Pass    |
| NVNT      | ax20  | 5200               | Sum     | 11.7                     | 23.94          | Pass    |
| NVNT      | ax20  | 5240               | Ant1    | 8.53                     | 23.94          | Pass    |
| NVNT      | ax20  | 5240               | Ant2    | 8.74                     | 23.94          | Pass    |
| NVNT      | ax20  | 5240               | Sum     | 11.65                    | 23.94          | Pass    |
| NVNT      | ax40  | 5190               | Ant1    | 8.74                     | 23.94          | Pass    |
| NVNT      | ax40  | 5190               | Ant2    | 8.8                      | 23.94          | Pass    |
| NVNT      | ax40  | 5190               | Sum     | 11.78                    | 23.94          | Pass    |
| NVNT      | ax40  | 5230               | Ant1    | 8.82                     | 23.94          | Pass    |
| NVNT      | ax40  | 5230               | Ant2    | 9                        | 23.94          | Pass    |
| NVNT      | ax40  | 5230               | Sum     | 11.92                    | 23.94          | Pass    |
| NVNT      | ax80  | 5210               | Ant1    | 9.14                     | 23.94          | Pass    |

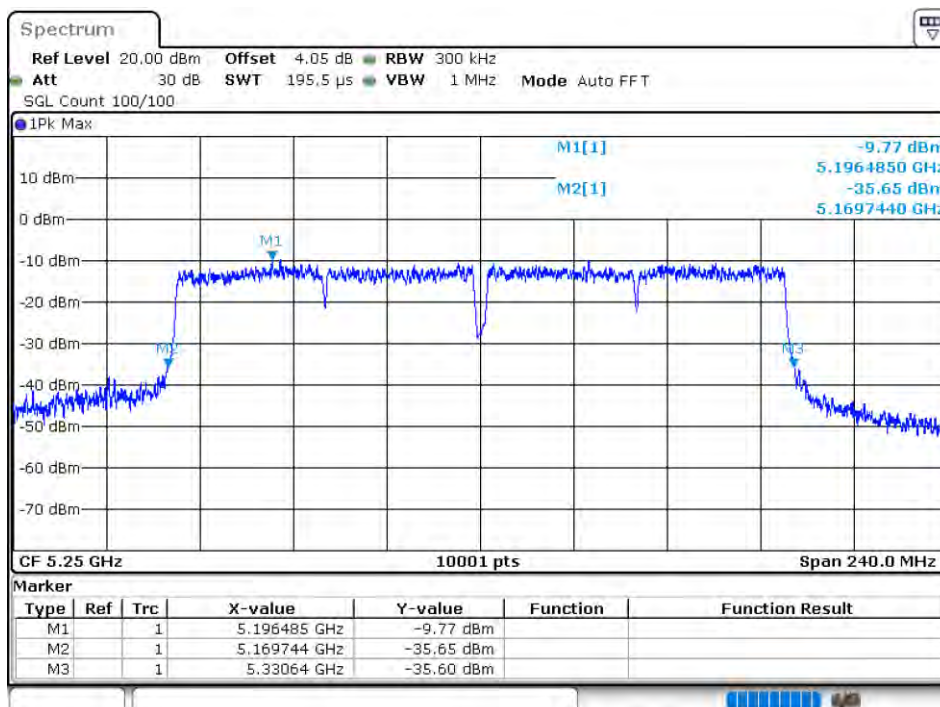
|      |      |      |      |       |       |      |
|------|------|------|------|-------|-------|------|
| NVNT | ax80 | 5210 | Ant2 | 9.09  | 23.94 | Pass |
| NVNT | ax80 | 5210 | Sum  | 12.13 | 23.94 | Pass |
| NVNT | n20  | 5180 | Ant1 | 8.42  | 23.94 | Pass |
| NVNT | n20  | 5180 | Ant2 | 8.42  | 23.94 | Pass |
| NVNT | n20  | 5180 | Sum  | 11.43 | 23.94 | Pass |
| NVNT | n20  | 5200 | Ant1 | 8.6   | 23.94 | Pass |
| NVNT | n20  | 5200 | Ant2 | 8.57  | 23.94 | Pass |
| NVNT | n20  | 5200 | Sum  | 11.6  | 23.94 | Pass |
| NVNT | n20  | 5240 | Ant1 | 8.46  | 23.94 | Pass |
| NVNT | n20  | 5240 | Ant2 | 8.64  | 23.94 | Pass |
| NVNT | n20  | 5240 | Sum  | 11.56 | 23.94 | Pass |
| NVNT | n40  | 5190 | Ant1 | 9.1   | 23.94 | Pass |
| NVNT | n40  | 5190 | Ant2 | 9.07  | 23.94 | Pass |
| NVNT | n40  | 5190 | Sum  | 12.1  | 23.94 | Pass |
| NVNT | n40  | 5230 | Ant1 | 9.09  | 23.94 | Pass |
| NVNT | n40  | 5230 | Ant2 | 9.26  | 23.94 | Pass |
| NVNT | n40  | 5230 | Sum  | 12.19 | 23.94 | Pass |

## -26dB Bandwidth

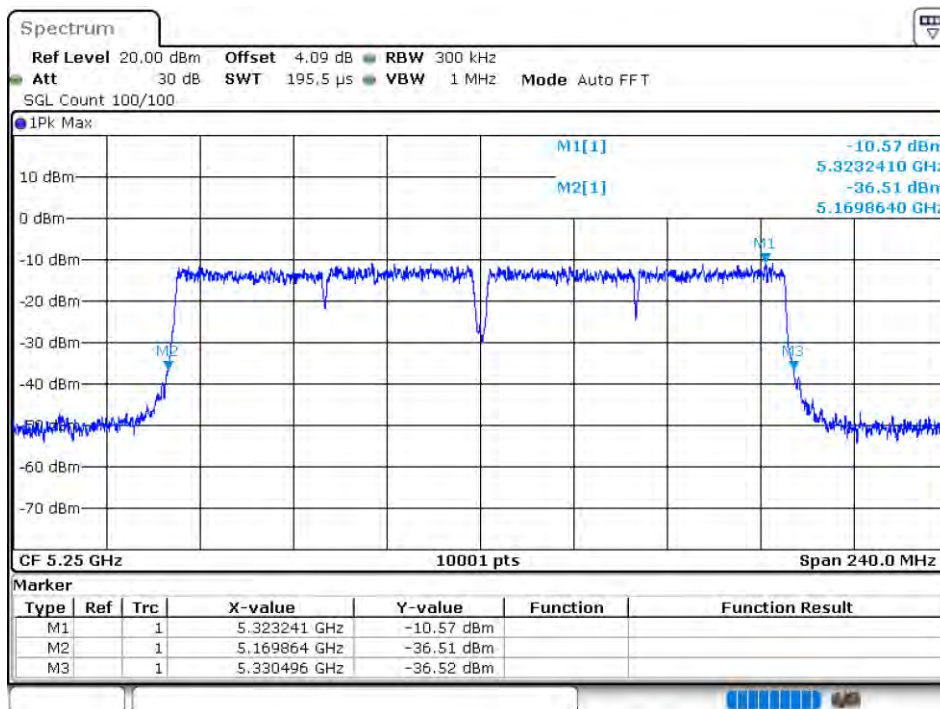
| Condition | Mode  | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|---------|
| NVNT      | ac160 | 5250            | Ant1    | 160.896                | Pass    |
| NVNT      | ac160 | 5250            | Ant2    | 160.632                | Pass    |
| NVNT      | ac20  | 5180            | Ant1    | 24.318                 | Pass    |
| NVNT      | ac20  | 5180            | Ant2    | 24.357                 | Pass    |
| NVNT      | ac20  | 5200            | Ant1    | 24.201                 | Pass    |
| NVNT      | ac20  | 5200            | Ant2    | 25.284                 | Pass    |
| NVNT      | ac20  | 5240            | Ant1    | 23.658                 | Pass    |
| NVNT      | ac20  | 5240            | Ant2    | 24.285                 | Pass    |
| NVNT      | ac40  | 5190            | Ant1    | 43.446                 | Pass    |
| NVNT      | ac40  | 5190            | Ant2    | 45.072                 | Pass    |
| NVNT      | ac40  | 5230            | Ant1    | 45.09                  | Pass    |
| NVNT      | ac40  | 5230            | Ant2    | 45.03                  | Pass    |
| NVNT      | ac80  | 5210            | Ant1    | 89.052                 | Pass    |
| NVNT      | ac80  | 5210            | Ant2    | 87.444                 | Pass    |
| NVNT      | ax160 | 5250            | Ant1    | 160.608                | Pass    |
| NVNT      | ax160 | 5250            | Ant2    | 161.736                | Pass    |
| NVNT      | ax20  | 5180            | Ant1    | 23.412                 | Pass    |
| NVNT      | ax20  | 5180            | Ant2    | 23.697                 | Pass    |
| NVNT      | ax20  | 5200            | Ant1    | 22.164                 | Pass    |
| NVNT      | ax20  | 5200            | Ant2    | 25.437                 | Pass    |
| NVNT      | ax20  | 5240            | Ant1    | 23.643                 | Pass    |
| NVNT      | ax20  | 5240            | Ant2    | 23.853                 | Pass    |
| NVNT      | ax40  | 5190            | Ant1    | 42.504                 | Pass    |
| NVNT      | ax40  | 5190            | Ant2    | 45.666                 | Pass    |
| NVNT      | ax40  | 5230            | Ant1    | 44.244                 | Pass    |
| NVNT      | ax40  | 5230            | Ant2    | 43.62                  | Pass    |
| NVNT      | ax80  | 5210            | Ant1    | 84.972                 | Pass    |
| NVNT      | ax80  | 5210            | Ant2    | 83.748                 | Pass    |
| NVNT      | n20   | 5180            | Ant1    | 24.438                 | Pass    |
| NVNT      | n20   | 5180            | Ant2    | 23.88                  | Pass    |
| NVNT      | n20   | 5200            | Ant1    | 24.132                 | Pass    |
| NVNT      | n20   | 5200            | Ant2    | 25.05                  | Pass    |
| NVNT      | n20   | 5240            | Ant1    | 24.537                 | Pass    |
| NVNT      | n20   | 5240            | Ant2    | 24.27                  | Pass    |
| NVNT      | n40   | 5190            | Ant1    | 43.314                 | Pass    |
| NVNT      | n40   | 5190            | Ant2    | 44.88                  | Pass    |
| NVNT      | n40   | 5230            | Ant1    | 44.79                  | Pass    |
| NVNT      | n40   | 5230            | Ant2    | 44.13                  | Pass    |

## Test Graphs

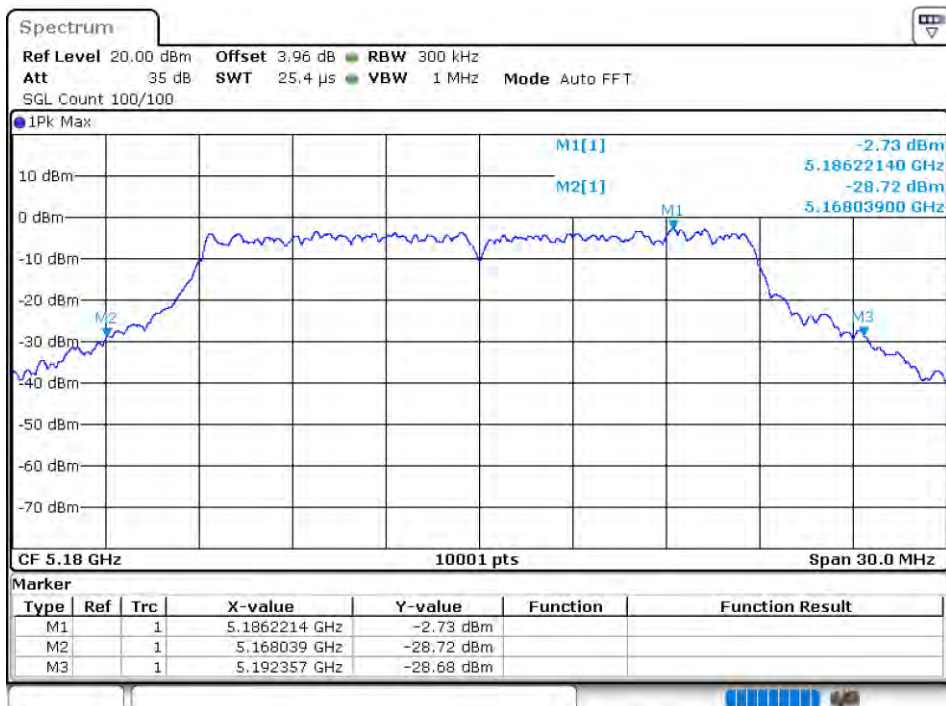
### -26dB Bandwidth NVNT ac160 5250MHz Ant1



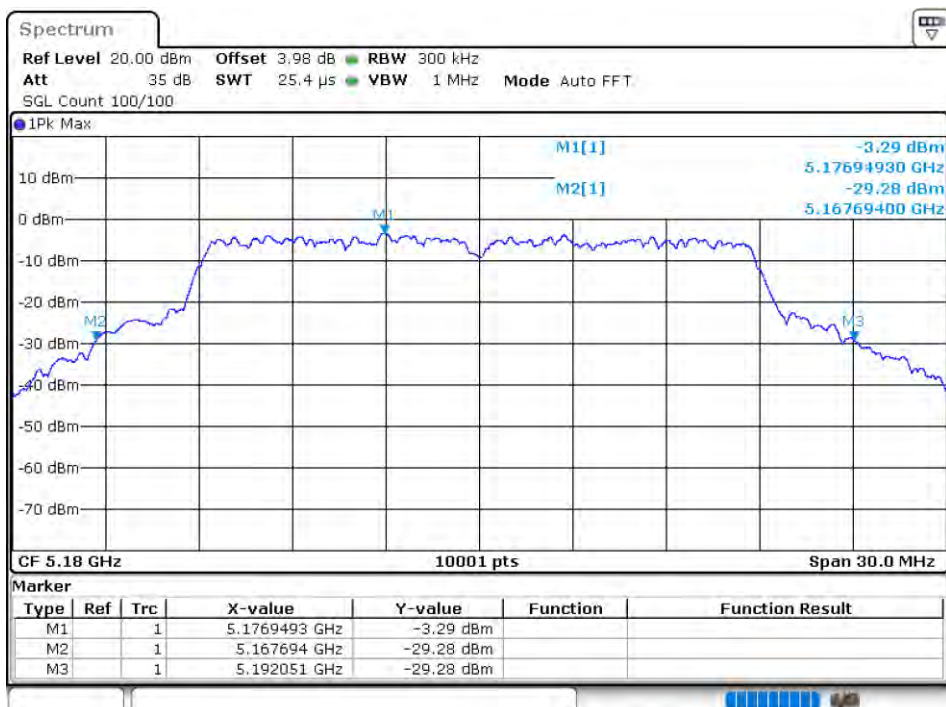
### -26dB Bandwidth NVNT ac160 5250MHz Ant2



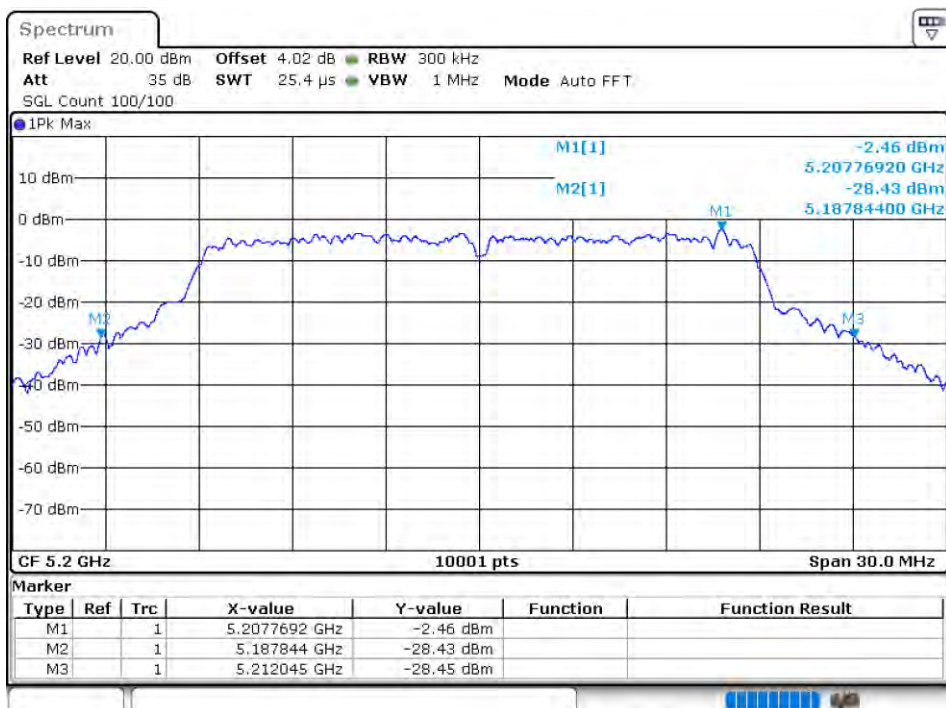
-26dB Bandwidth NVNT ac20 5180MHz Ant1



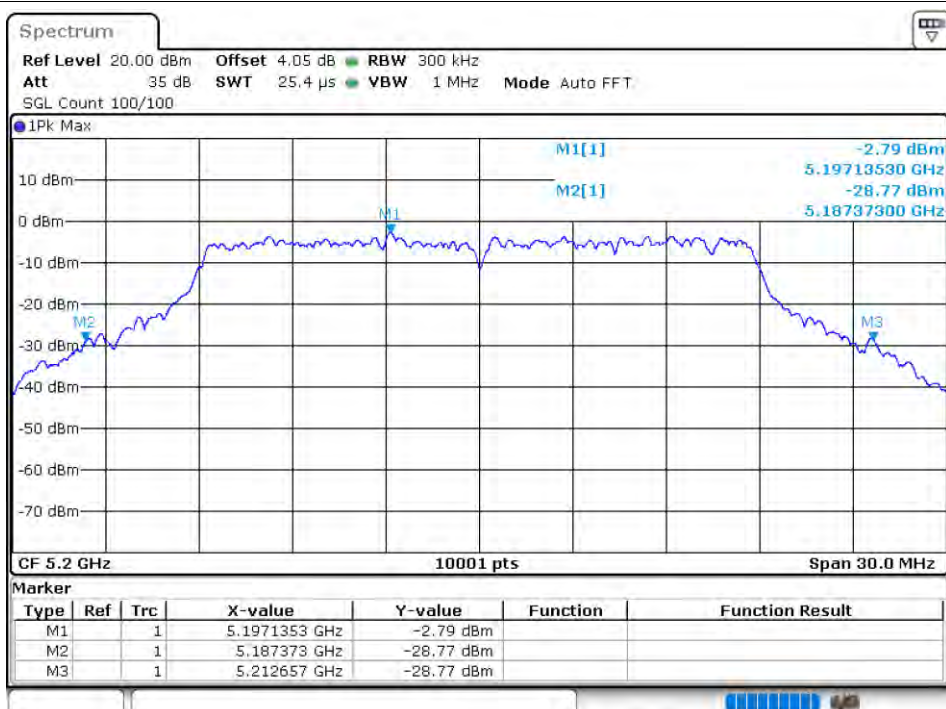
-26dB Bandwidth NVNT ac20 5180MHz Ant2



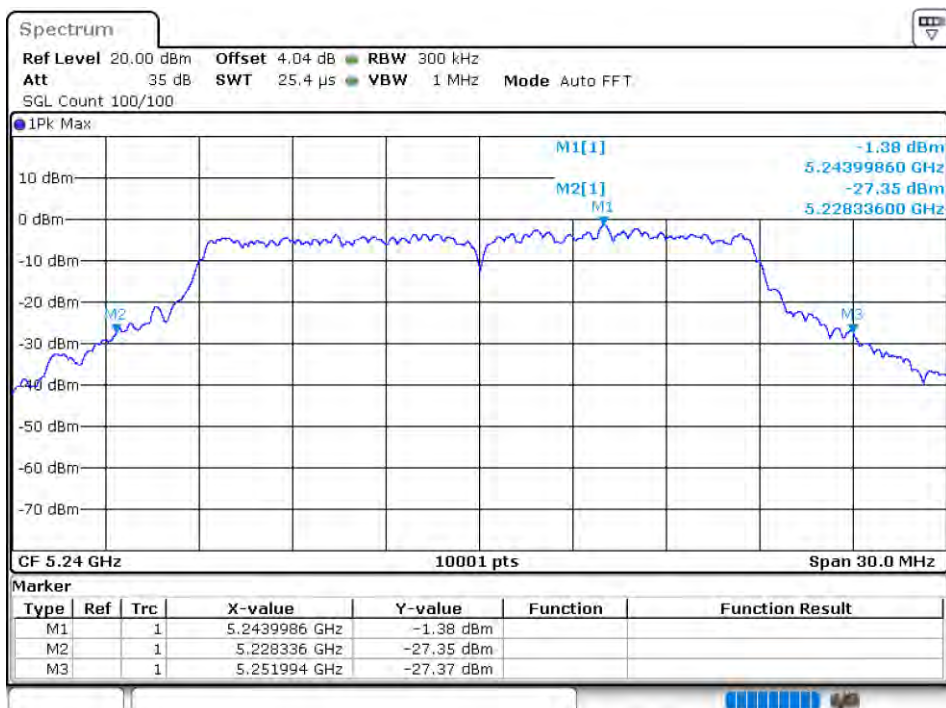
-26dB Bandwidth NVNT ac20 5200MHz Ant1



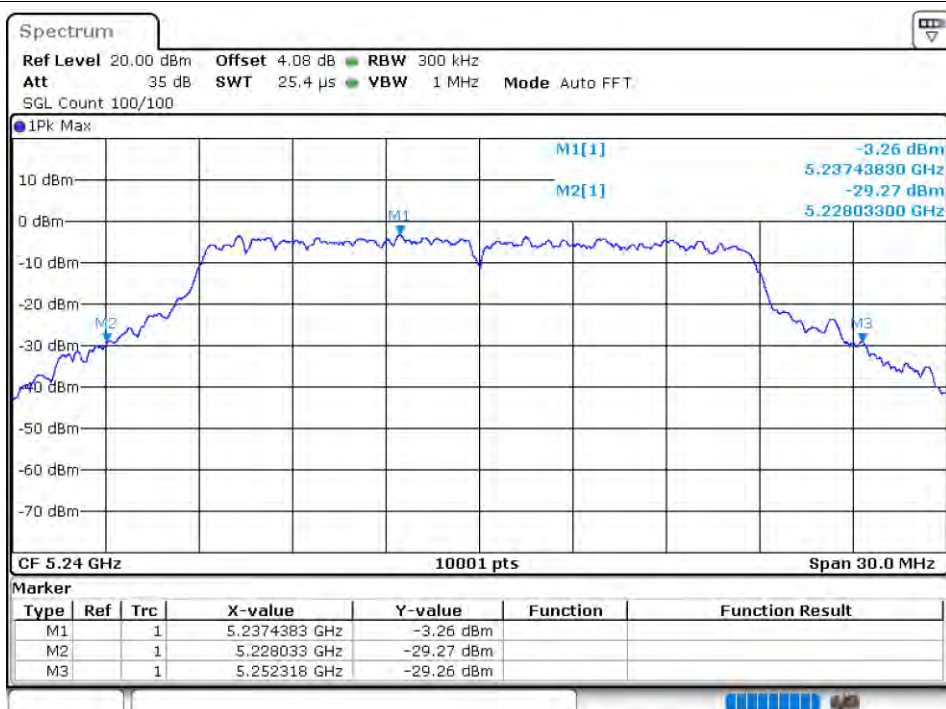
-26dB Bandwidth NVNT ac20 5200MHz Ant2



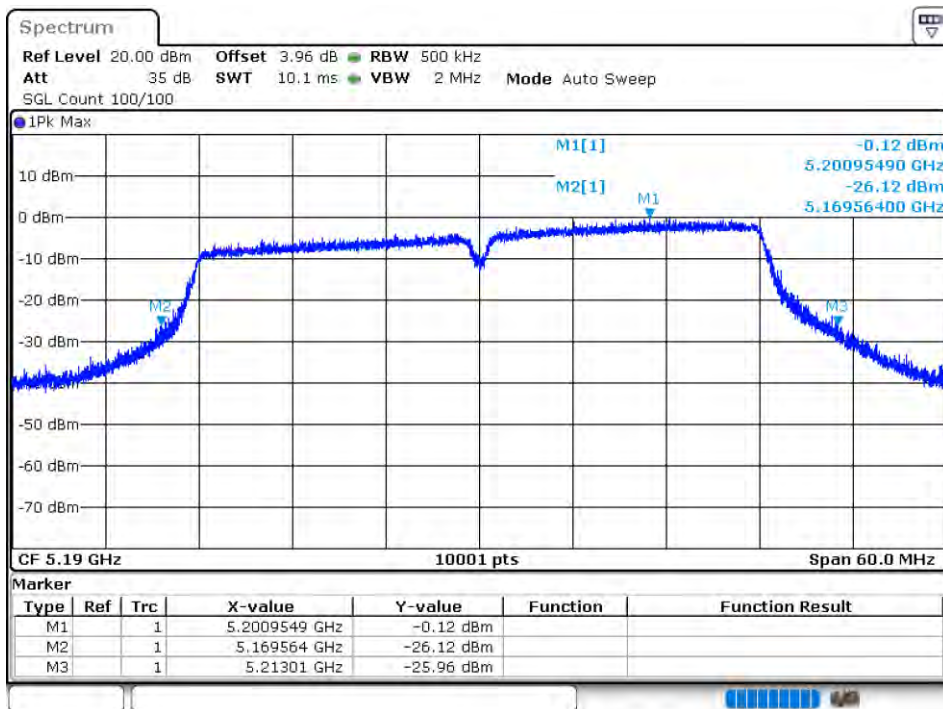
-26dB Bandwidth NVNT ac20 5240MHz Ant1



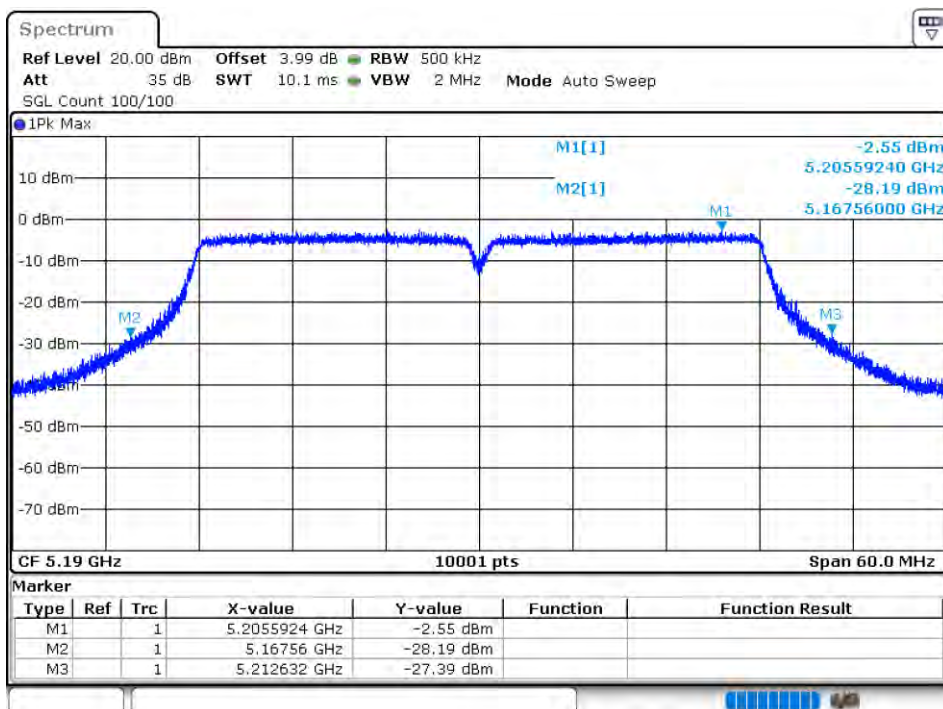
-26dB Bandwidth NVNT ac20 5240MHz Ant2



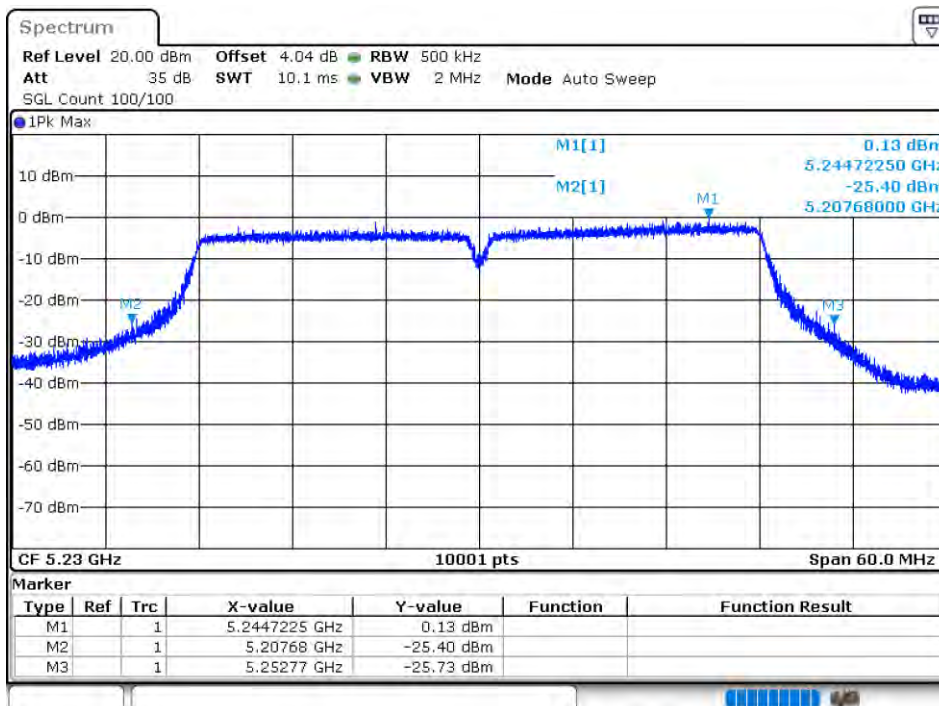
-26dB Bandwidth NVNT ac40 5190MHz Ant1



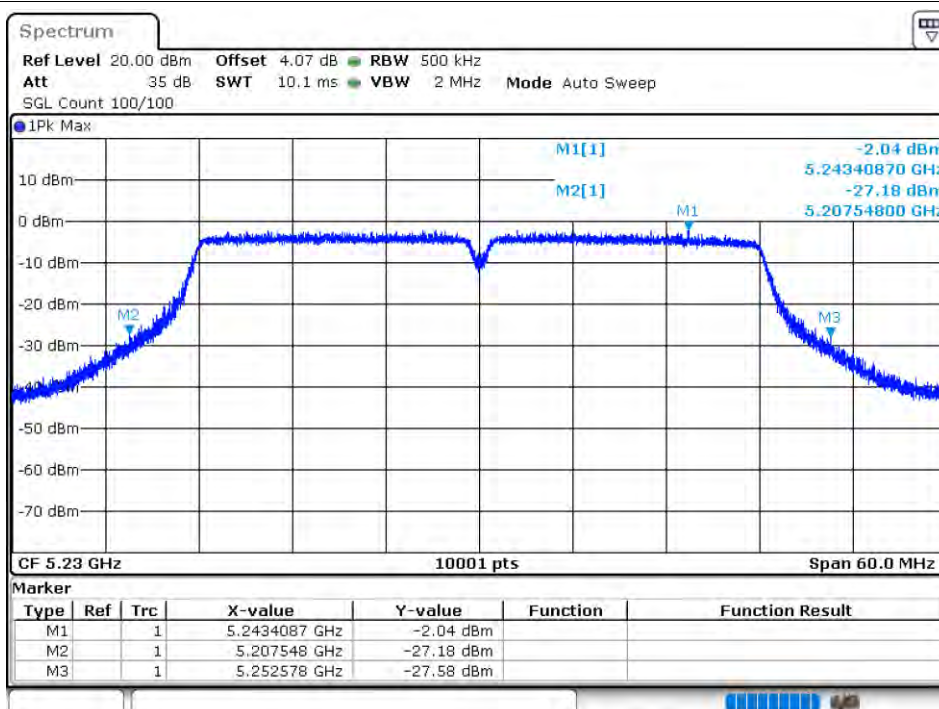
-26dB Bandwidth NVNT ac40 5190MHz Ant2



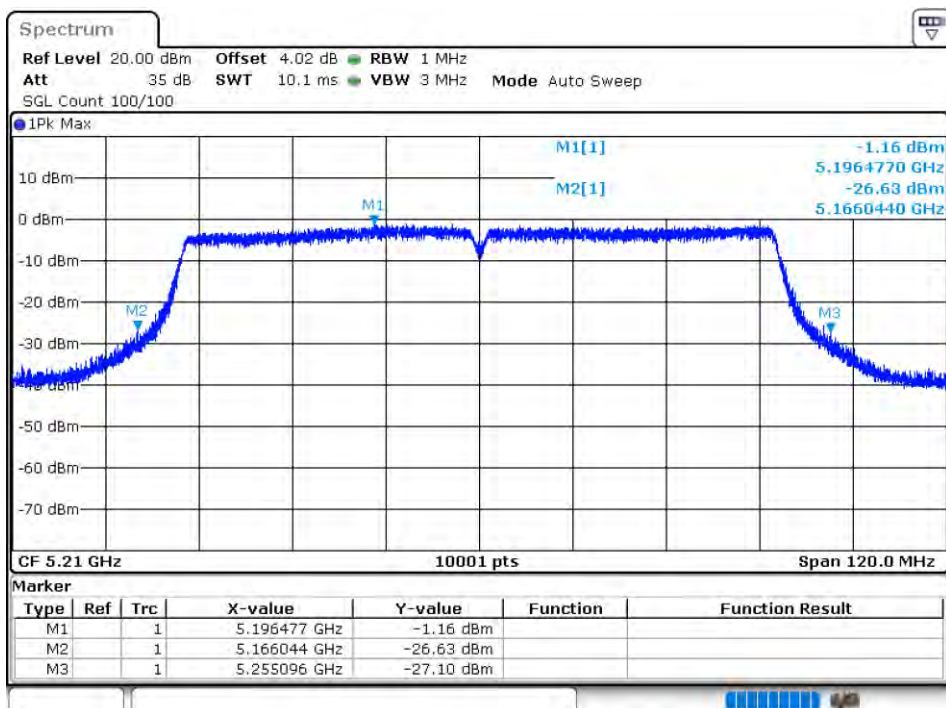
-26dB Bandwidth NVNT ac40 5230MHz Ant1



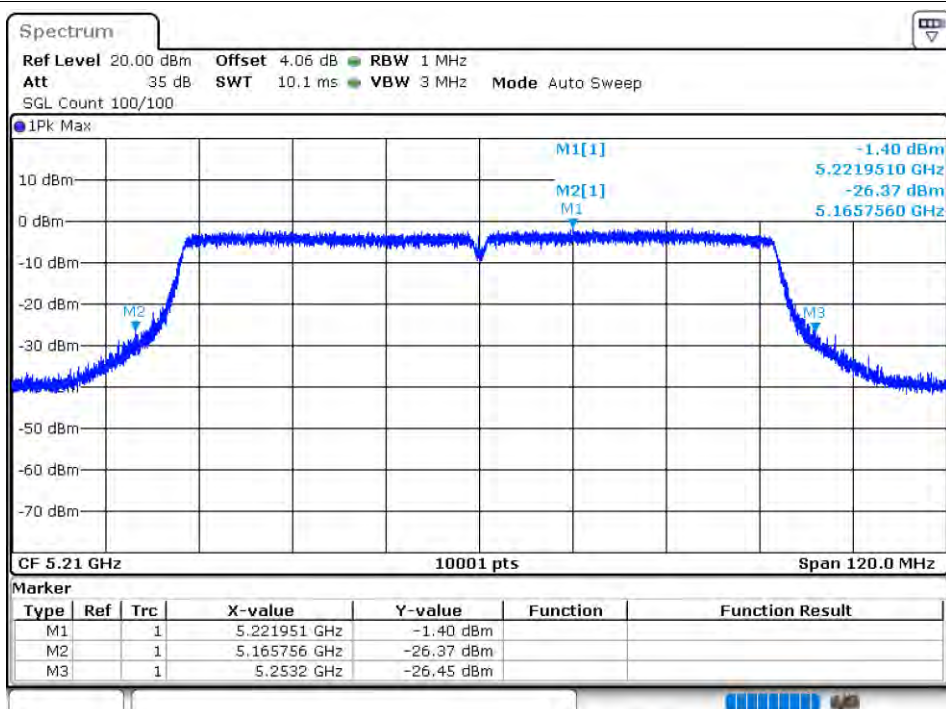
-26dB Bandwidth NVNT ac40 5230MHz Ant2



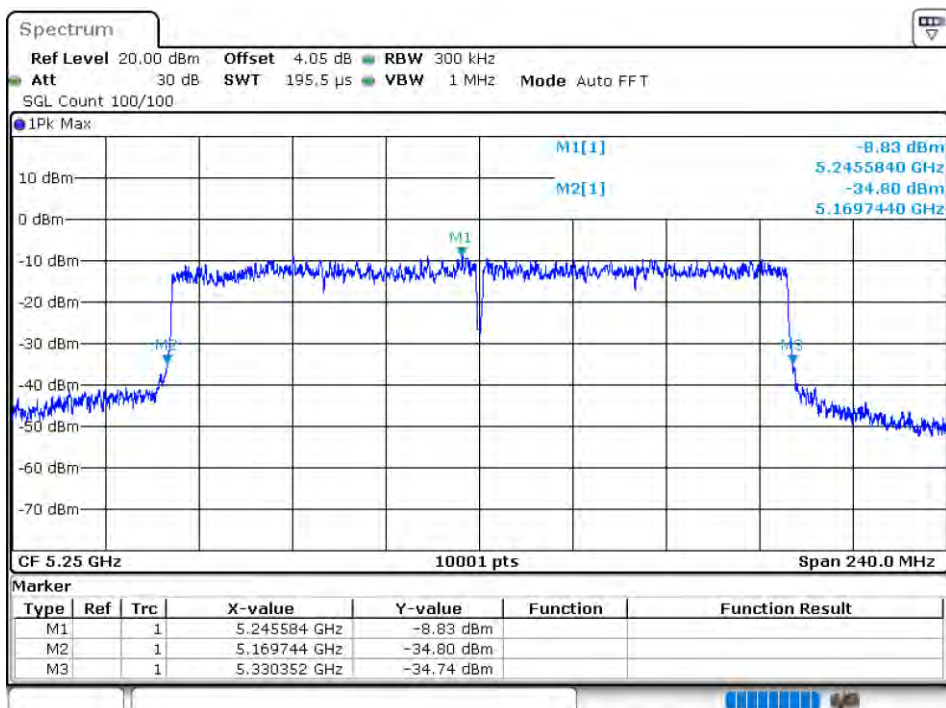
-26dB Bandwidth NVNT ac80 5210MHz Ant1



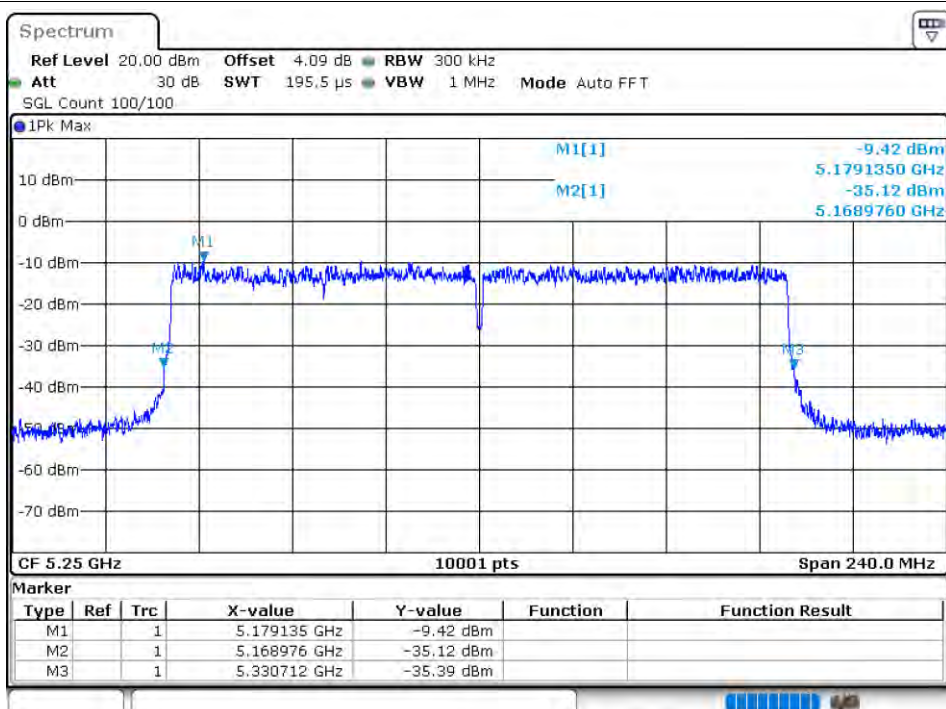
-26dB Bandwidth NVNT ac80 5210MHz Ant2



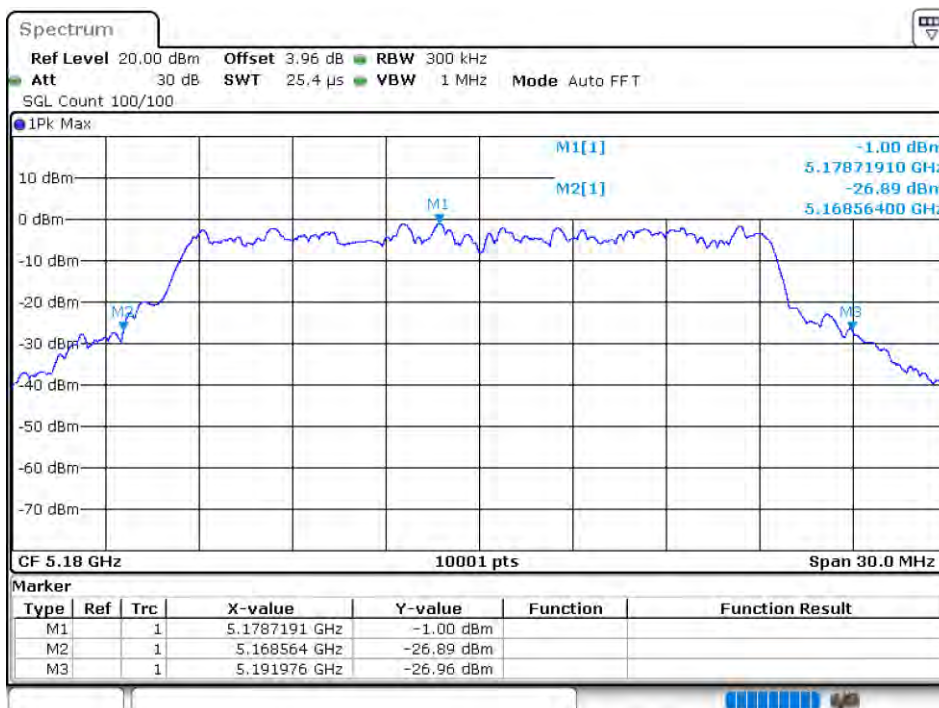
-26dB Bandwidth NVNT ax160 5250MHz Ant1



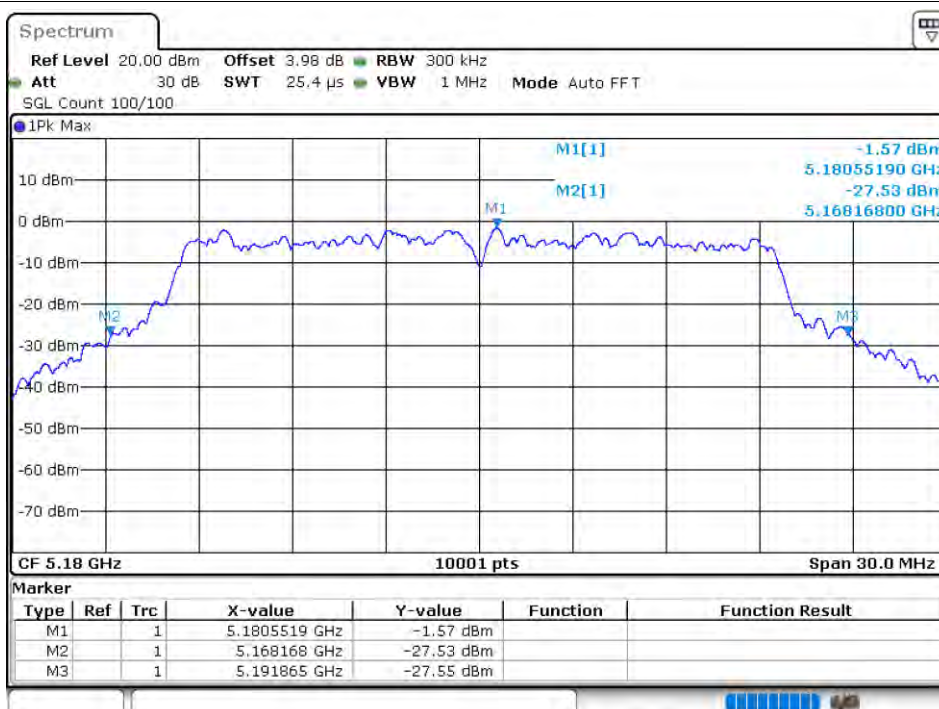
-26dB Bandwidth NVNT ax160 5250MHz Ant2



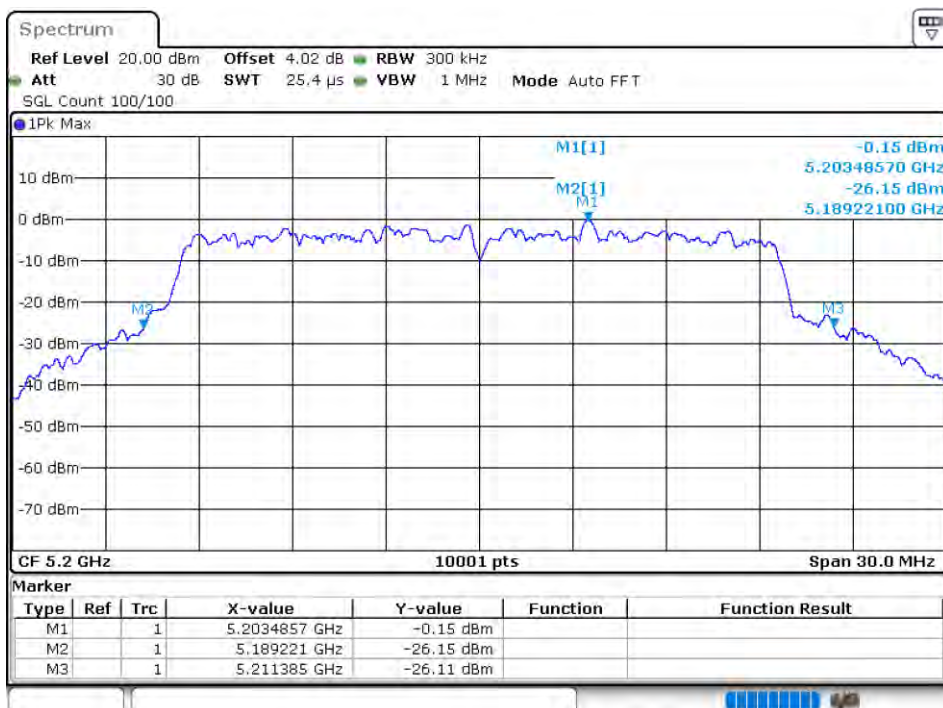
-26dB Bandwidth NVNT ax20 5180MHz Ant1



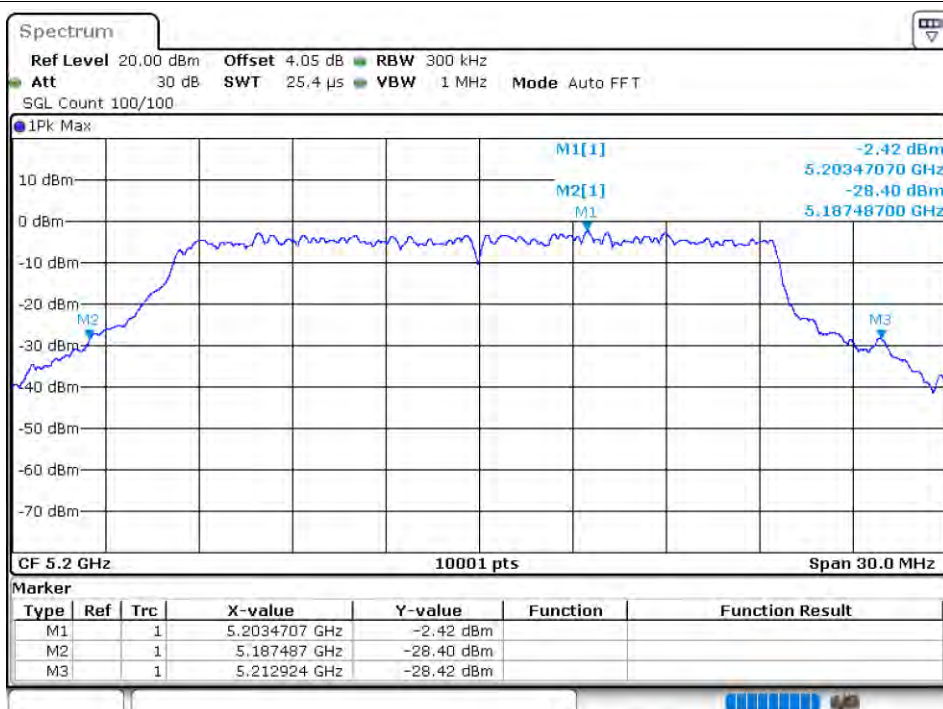
-26dB Bandwidth NVNT ax20 5180MHz Ant2



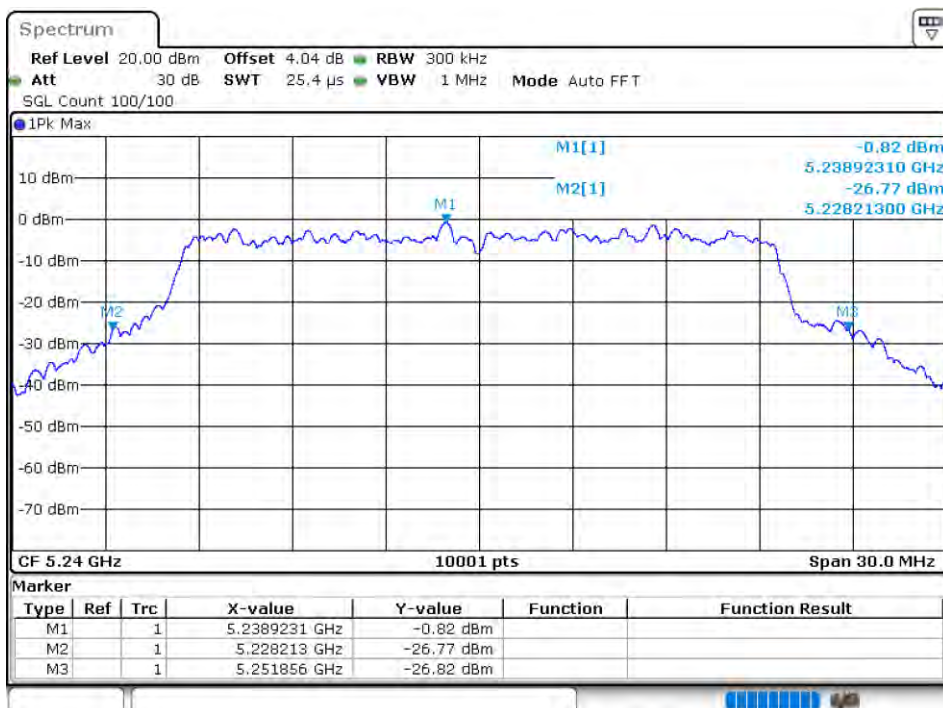
-26dB Bandwidth NVNT ax20 5200MHz Ant1



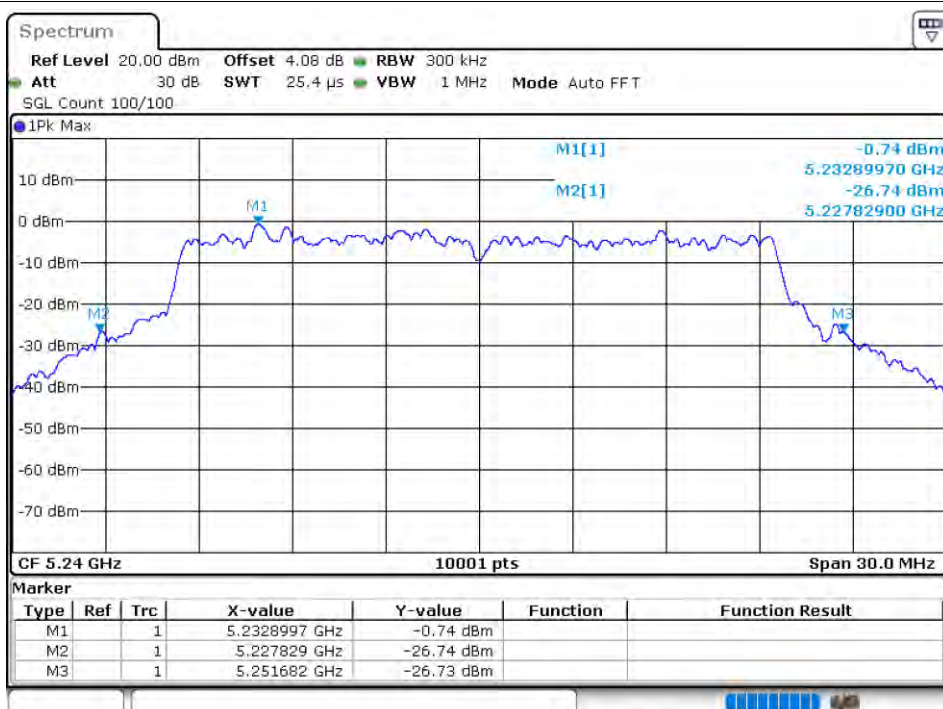
-26dB Bandwidth NVNT ax20 5200MHz Ant2

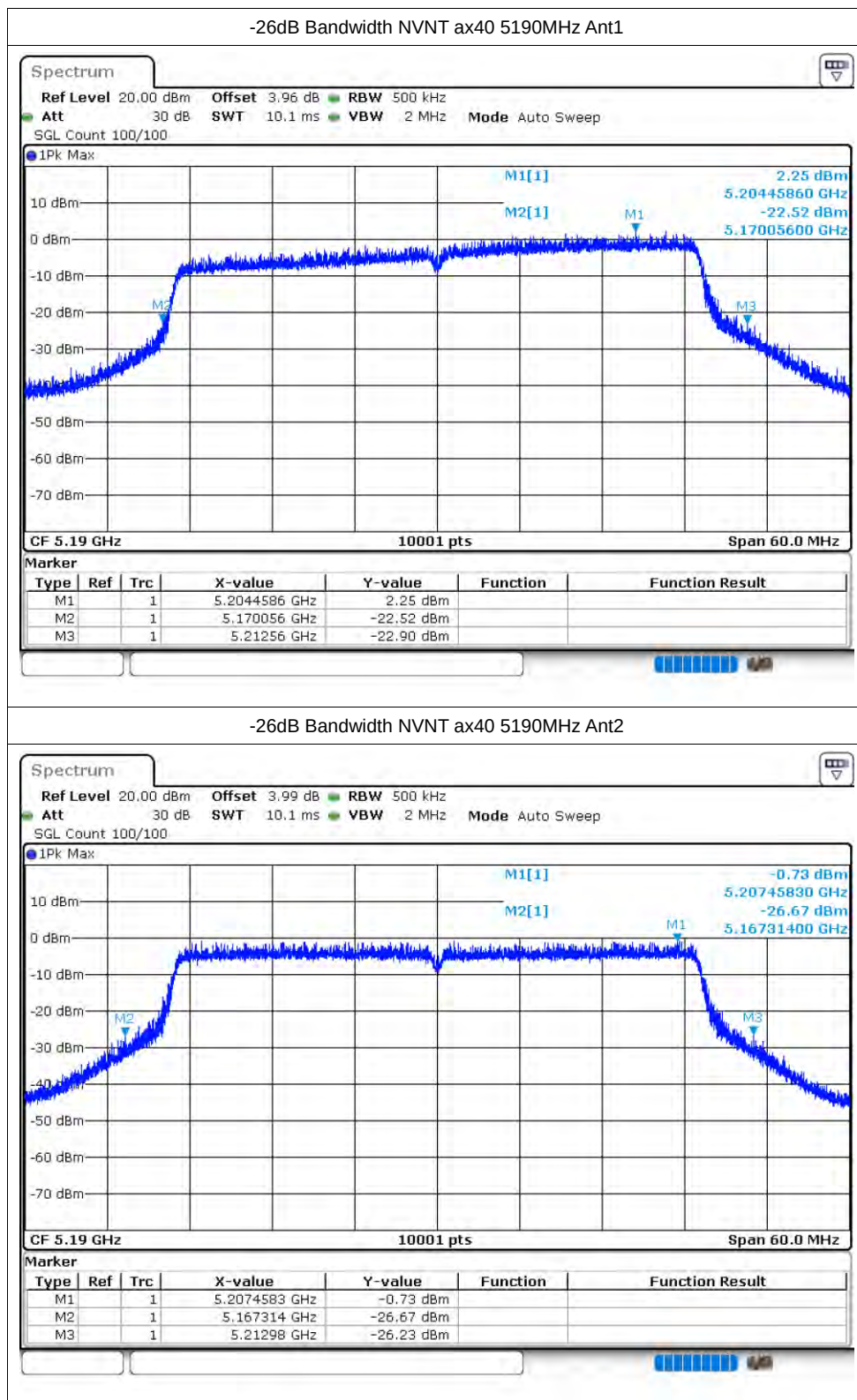


-26dB Bandwidth NVNT ax20 5240MHz Ant1

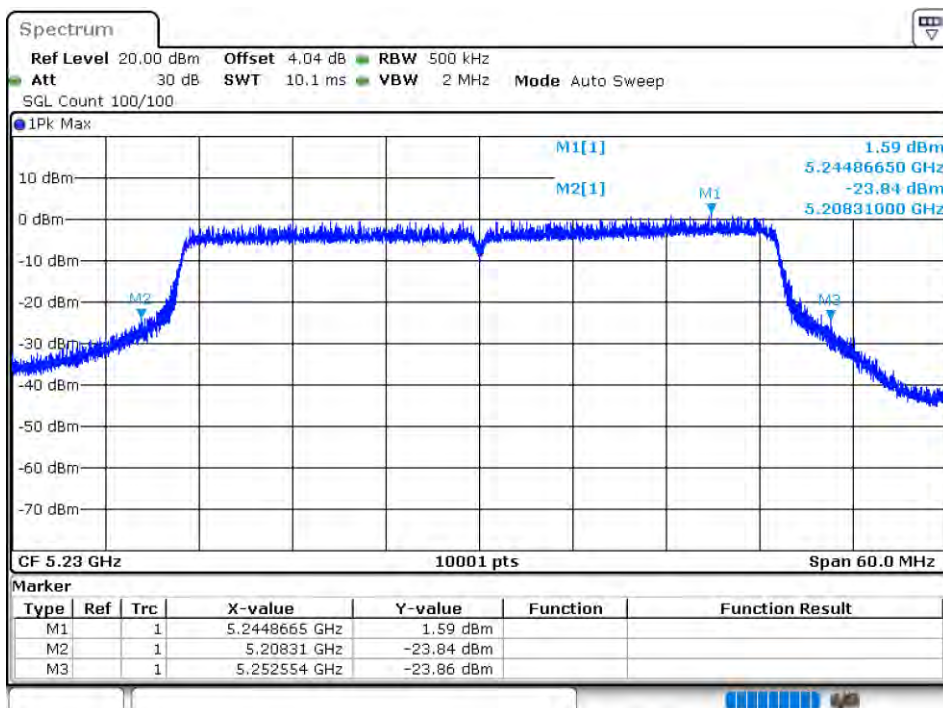


-26dB Bandwidth NVNT ax20 5240MHz Ant2

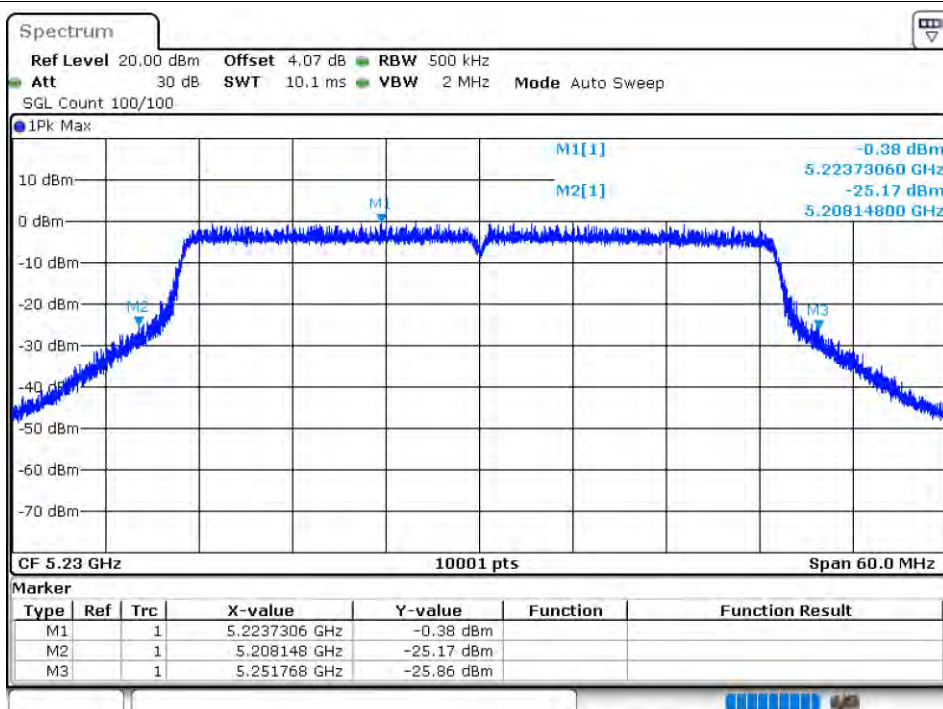




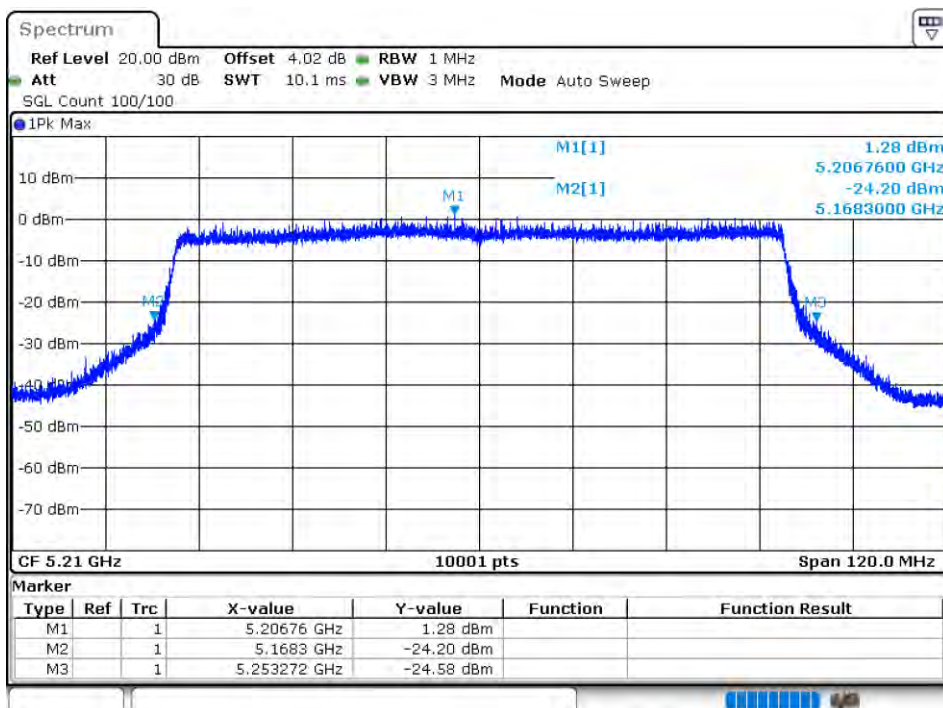
-26dB Bandwidth NVNT ax40 5230MHz Ant1



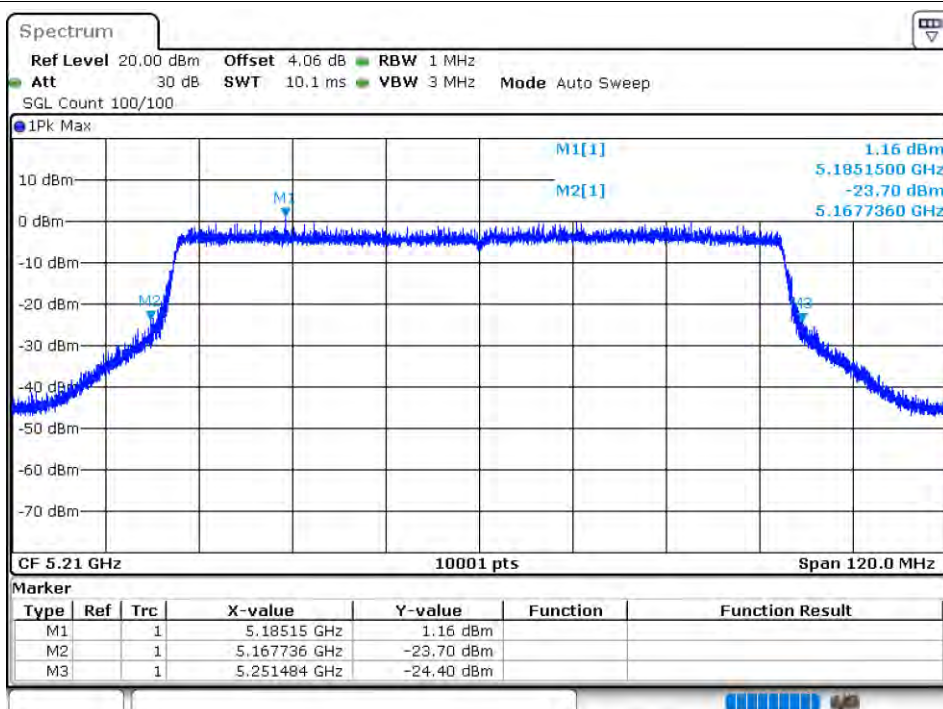
-26dB Bandwidth NVNT ax40 5230MHz Ant2

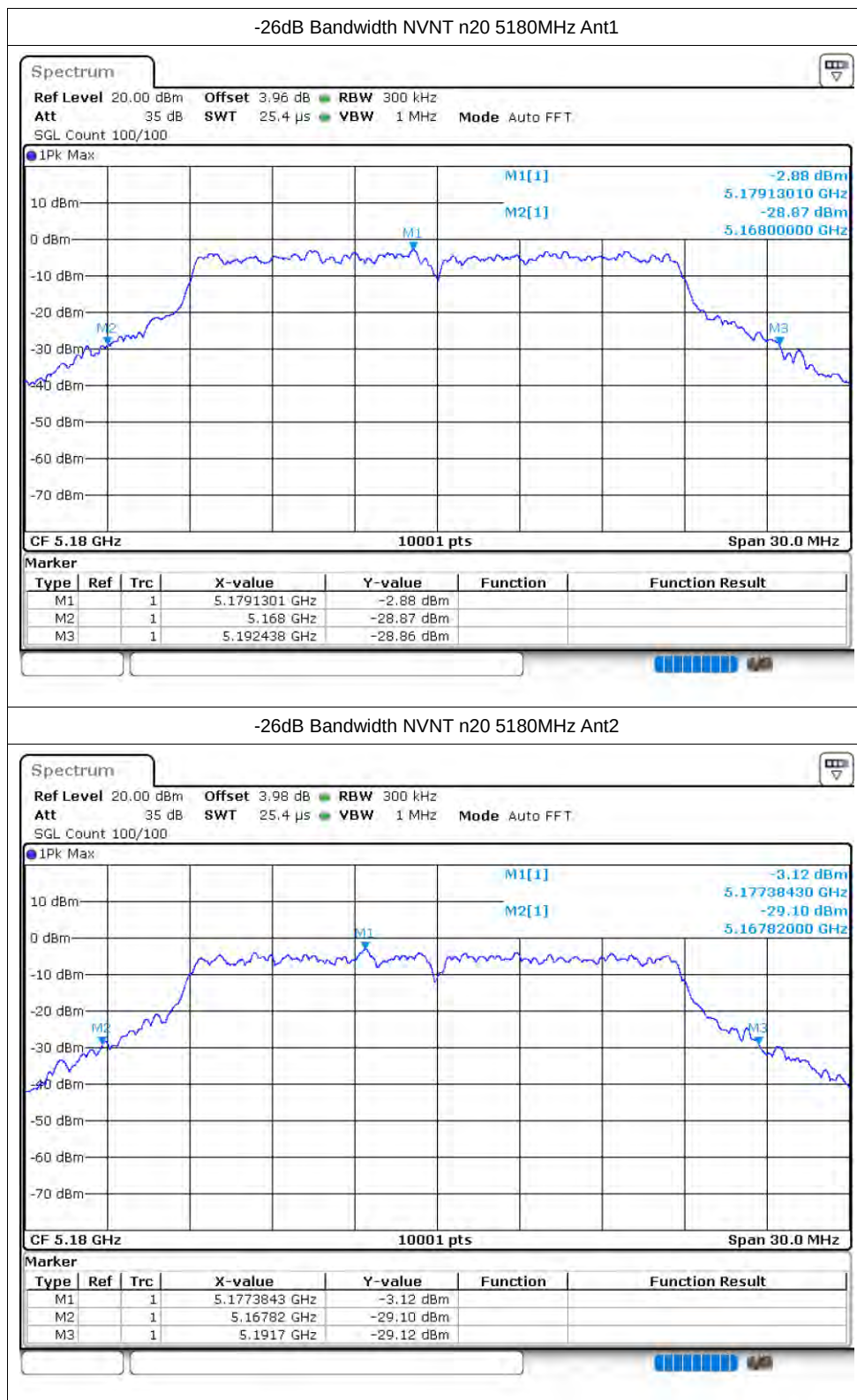


-26dB Bandwidth NVNT ax80 5210MHz Ant1

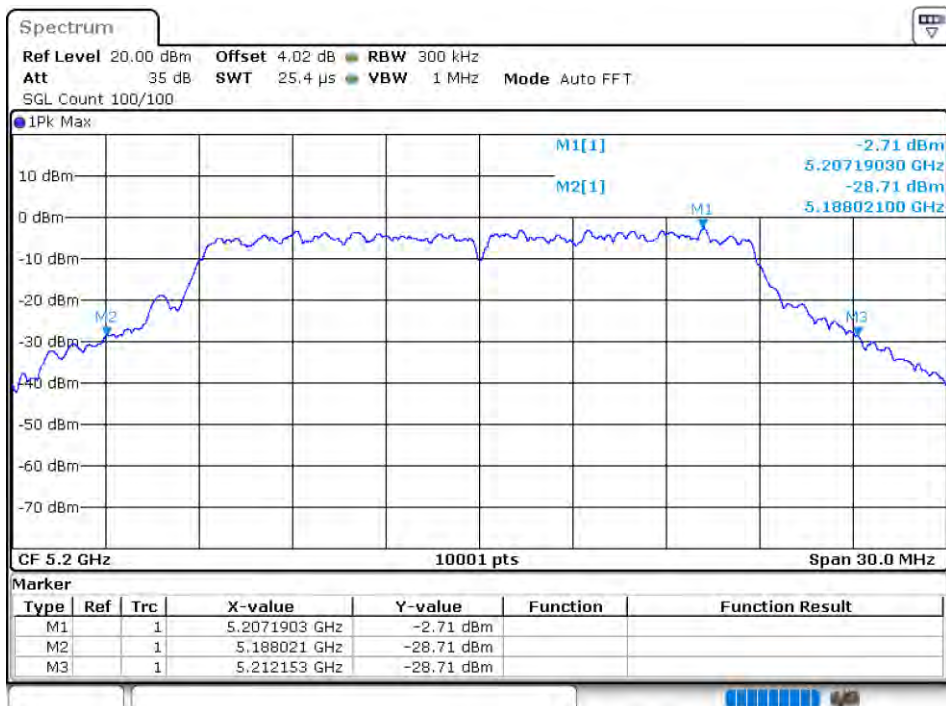


-26dB Bandwidth NVNT ax80 5210MHz Ant2

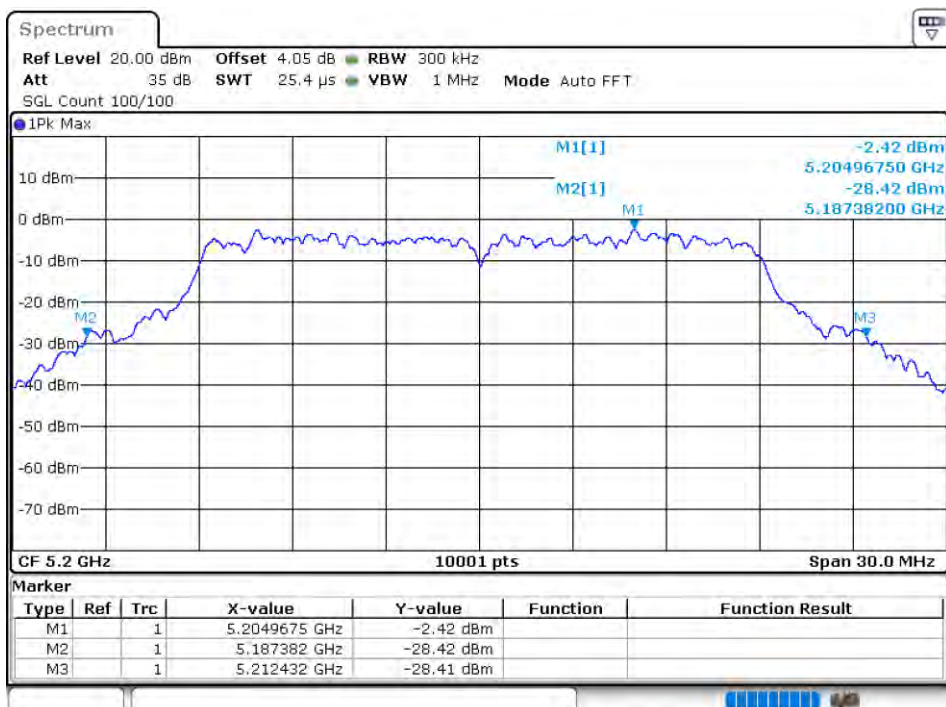




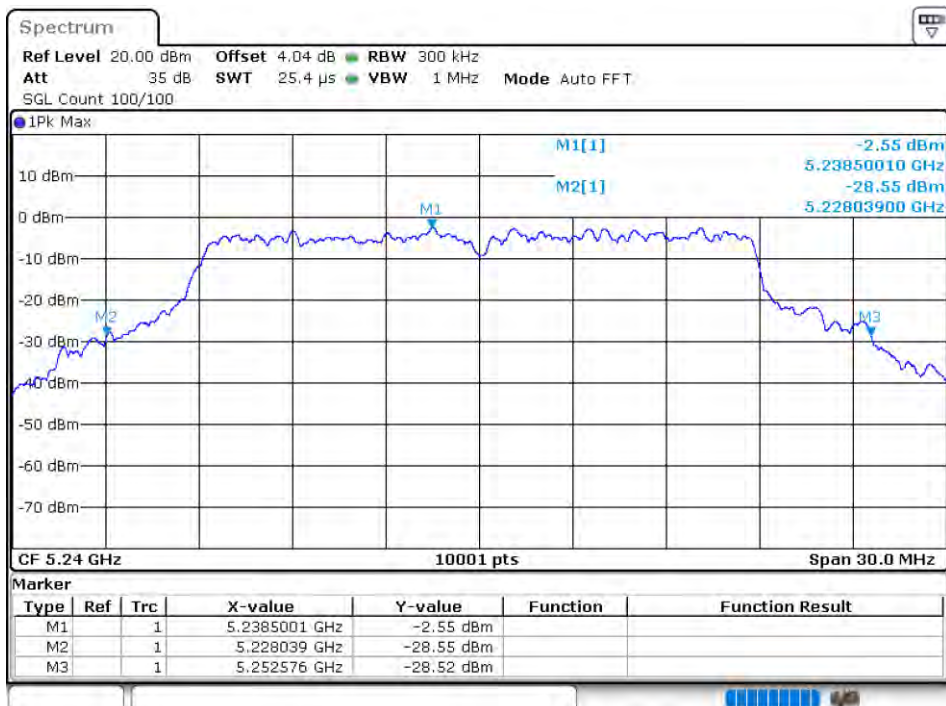
-26dB Bandwidth NVNT n20 5200MHz Ant1



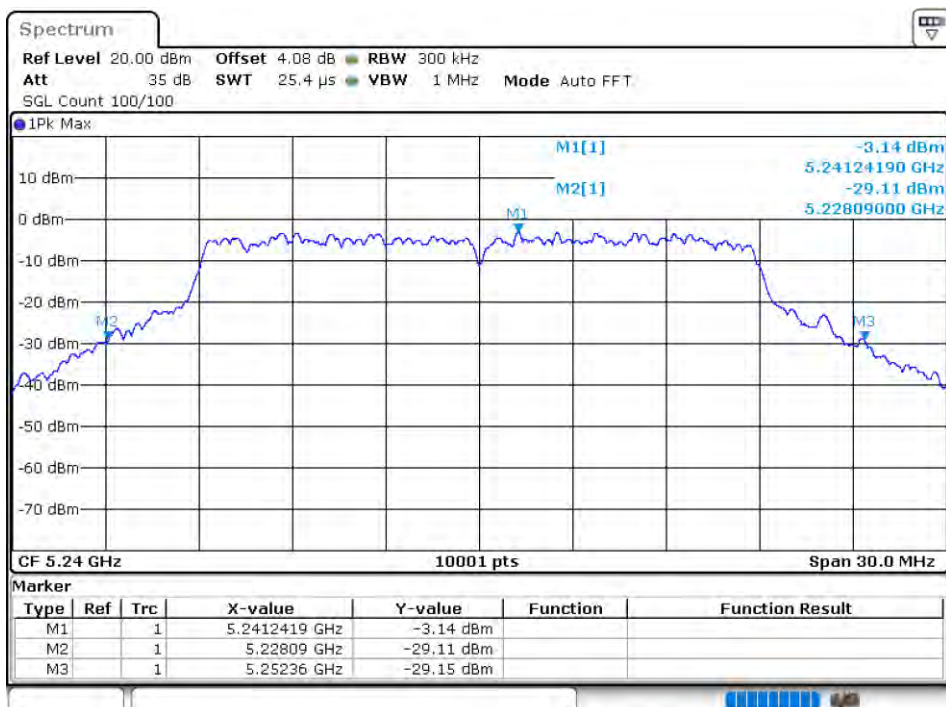
-26dB Bandwidth NVNT n20 5200MHz Ant2



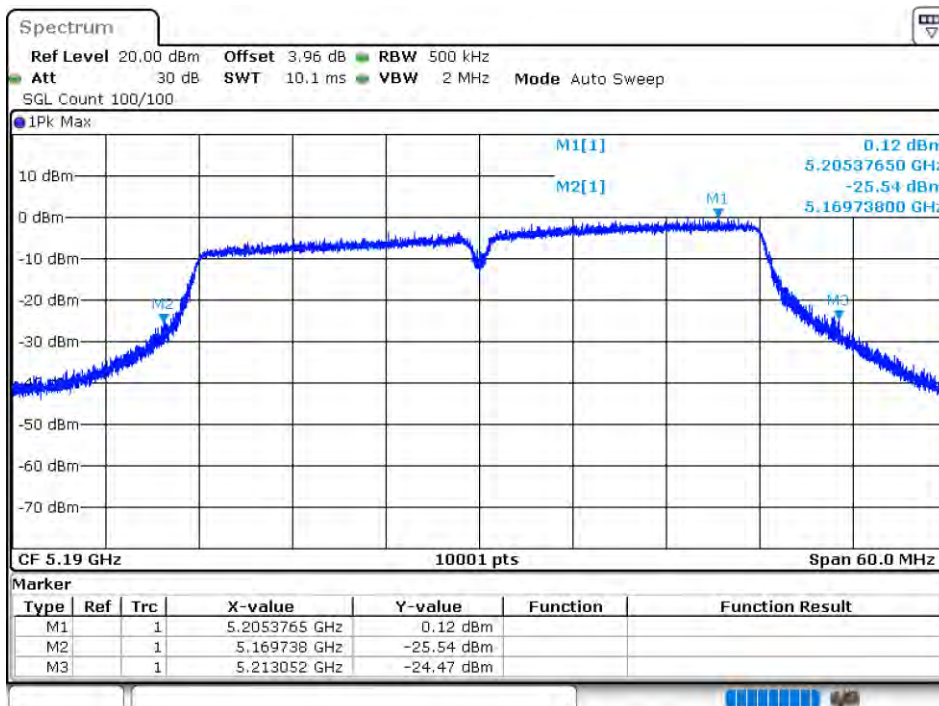
-26dB Bandwidth NVNT n20 5240MHz Ant1



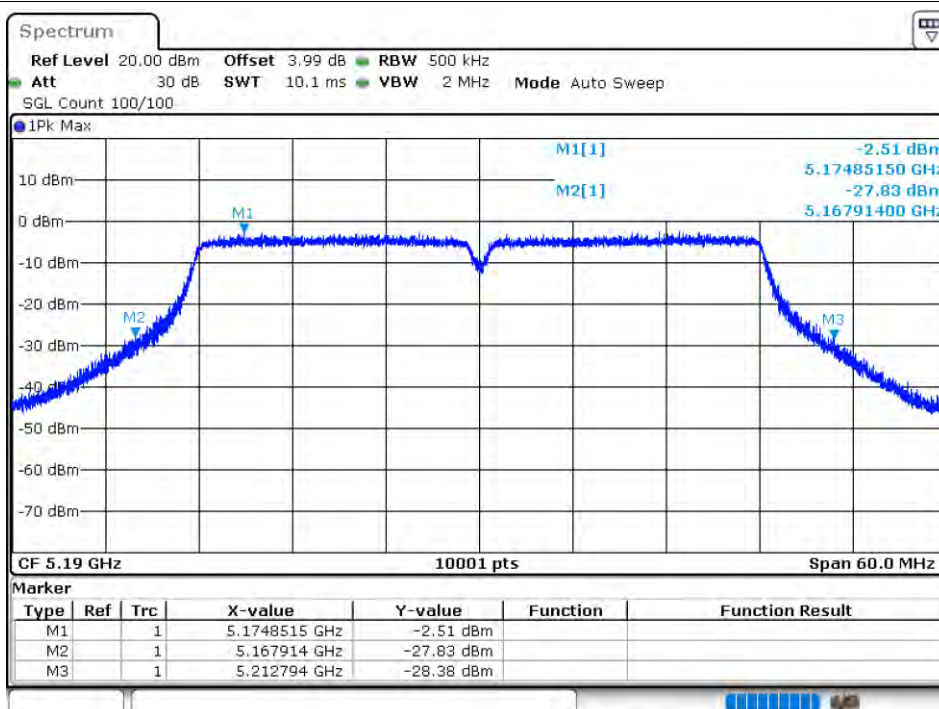
-26dB Bandwidth NVNT n20 5240MHz Ant2



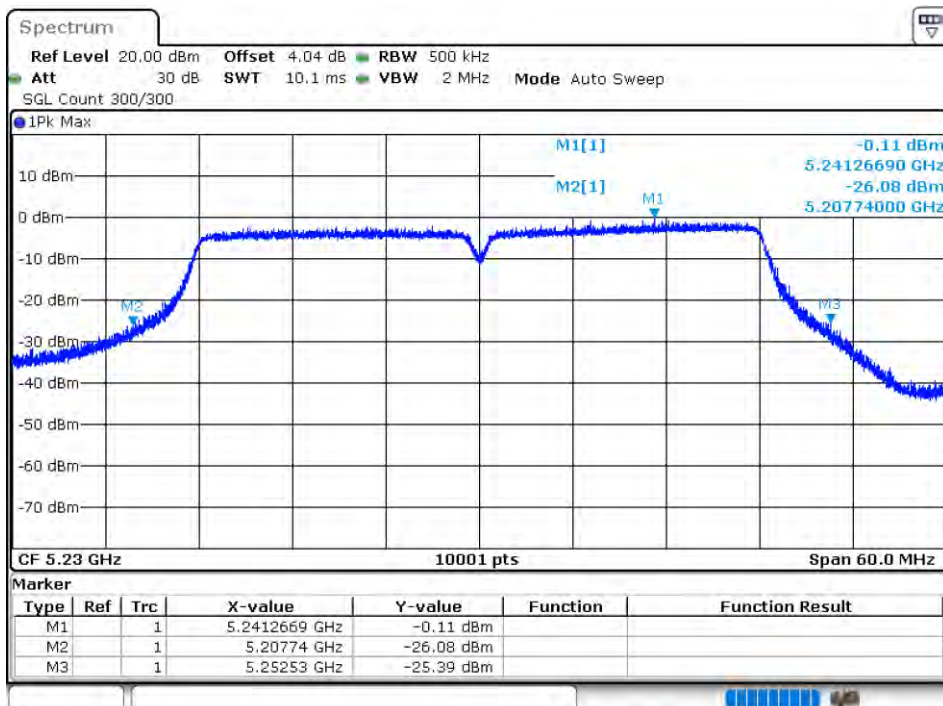
-26dB Bandwidth NVNT n40 5190MHz Ant1



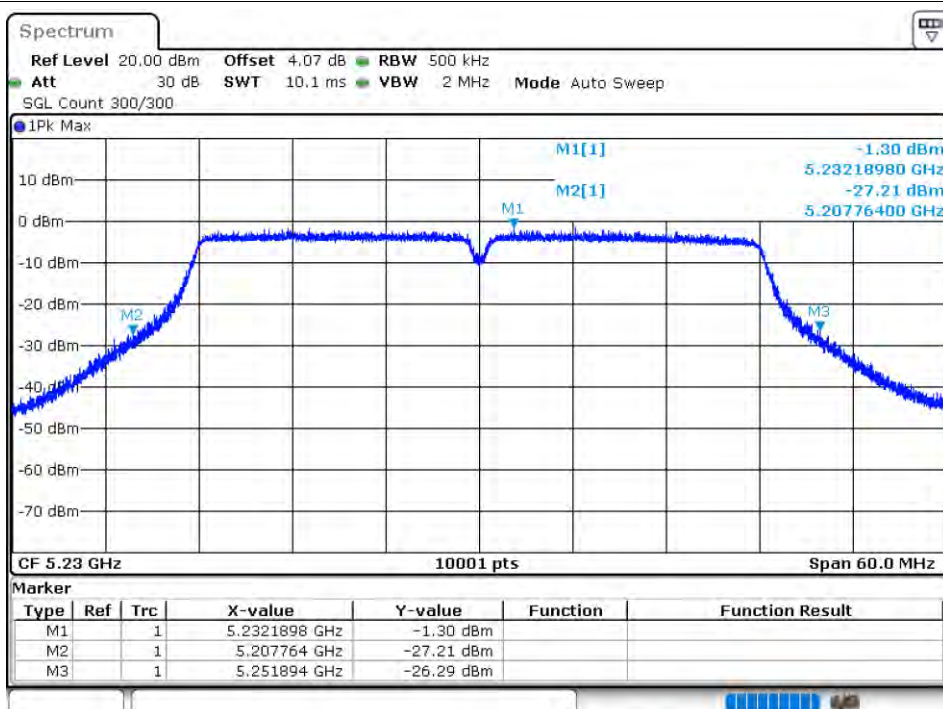
-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2

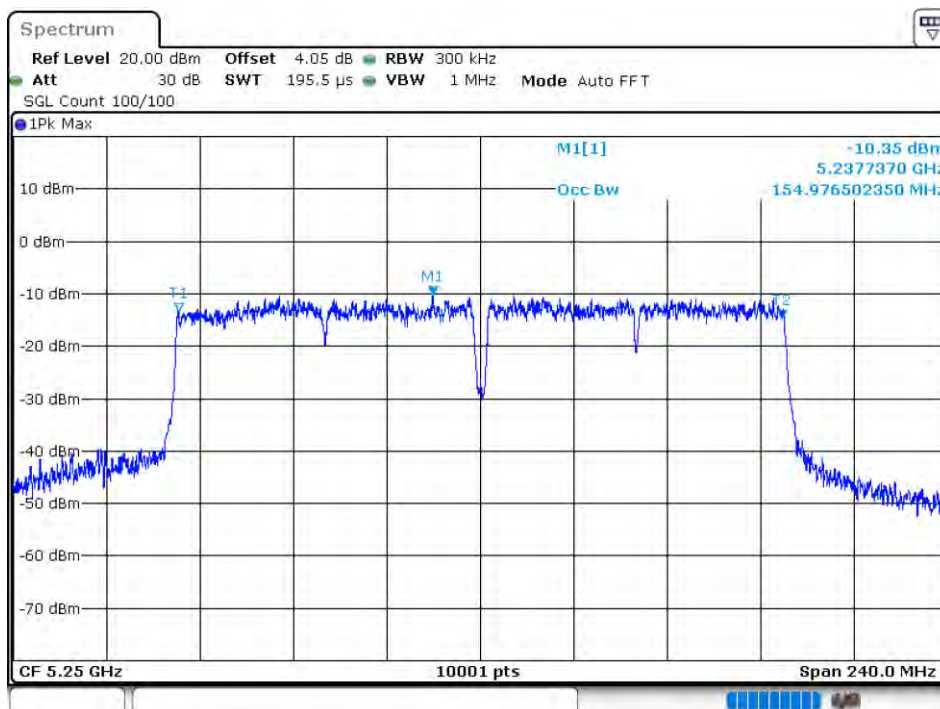


## Occupied Channel Bandwidth

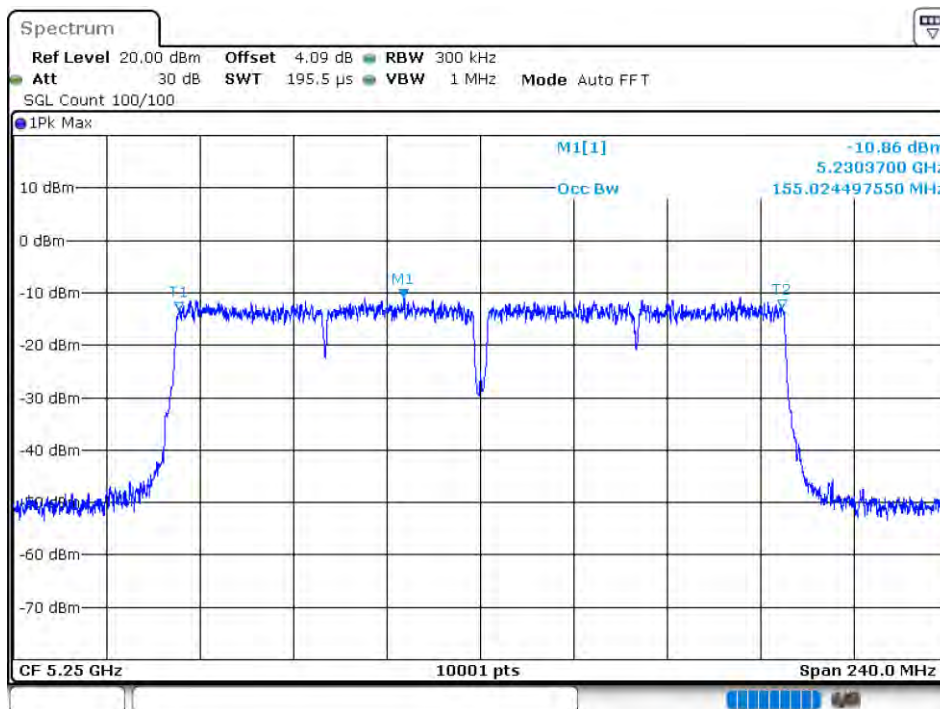
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | ac160 | 5250            | Ant1    | 154.977       |
| NVNT      | ac160 | 5250            | Ant2    | 155.024       |
| NVNT      | ac20  | 5180            | Ant1    | 17.893        |
| NVNT      | ac20  | 5180            | Ant2    | 17.875        |
| NVNT      | ac20  | 5200            | Ant1    | 17.848        |
| NVNT      | ac20  | 5200            | Ant2    | 17.899        |
| NVNT      | ac20  | 5240            | Ant1    | 17.911        |
| NVNT      | ac20  | 5240            | Ant2    | 17.935        |
| NVNT      | ac40  | 5190            | Ant1    | 36.386        |
| NVNT      | ac40  | 5190            | Ant2    | 36.506        |
| NVNT      | ac40  | 5230            | Ant1    | 36.542        |
| NVNT      | ac40  | 5230            | Ant2    | 36.404        |
| NVNT      | ac80  | 5210            | Ant1    | 75.952        |
| NVNT      | ac80  | 5210            | Ant2    | 75.916        |
| NVNT      | ax160 | 5250            | Ant1    | 156.296       |
| NVNT      | ax160 | 5250            | Ant2    | 156.656       |
| NVNT      | ax20  | 5180            | Ant1    | 19.12         |
| NVNT      | ax20  | 5180            | Ant2    | 19.048        |
| NVNT      | ax20  | 5200            | Ant1    | 19.024        |
| NVNT      | ax20  | 5200            | Ant2    | 19.021        |
| NVNT      | ax20  | 5240            | Ant1    | 18.994        |
| NVNT      | ax20  | 5240            | Ant2    | 19.024        |
| NVNT      | ax40  | 5190            | Ant1    | 37.616        |
| NVNT      | ax40  | 5190            | Ant2    | 37.886        |
| NVNT      | ax40  | 5230            | Ant1    | 37.886        |
| NVNT      | ax40  | 5230            | Ant2    | 37.82         |
| NVNT      | ax80  | 5210            | Ant1    | 77.452        |
| NVNT      | ax80  | 5210            | Ant2    | 77.404        |
| NVNT      | n20   | 5180            | Ant1    | 18.076        |
| NVNT      | n20   | 5180            | Ant2    | 17.914        |
| NVNT      | n20   | 5200            | Ant1    | 17.896        |
| NVNT      | n20   | 5200            | Ant2    | 17.941        |
| NVNT      | n20   | 5240            | Ant1    | 17.95         |
| NVNT      | n20   | 5240            | Ant2    | 17.935        |
| NVNT      | n40   | 5190            | Ant1    | 36.35         |
| NVNT      | n40   | 5190            | Ant2    | 36.524        |
| NVNT      | n40   | 5230            | Ant1    | 36.626        |
| NVNT      | n40   | 5230            | Ant2    | 36.44         |

# Test Graphs

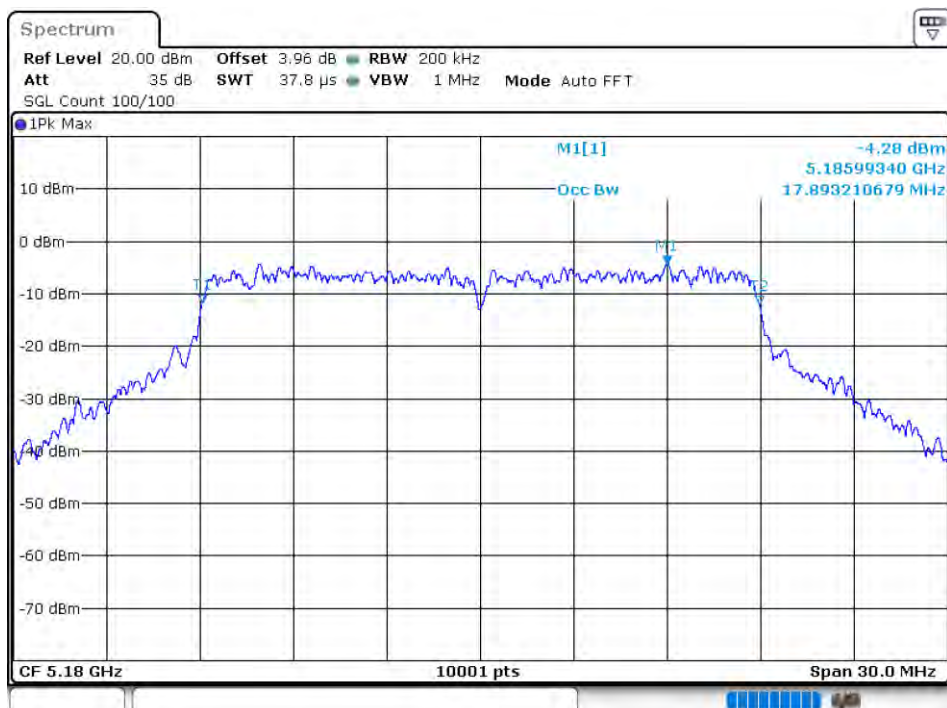
## OBW NVNT ac160 5250MHz Ant1



## OBW NVNT ac160 5250MHz Ant2



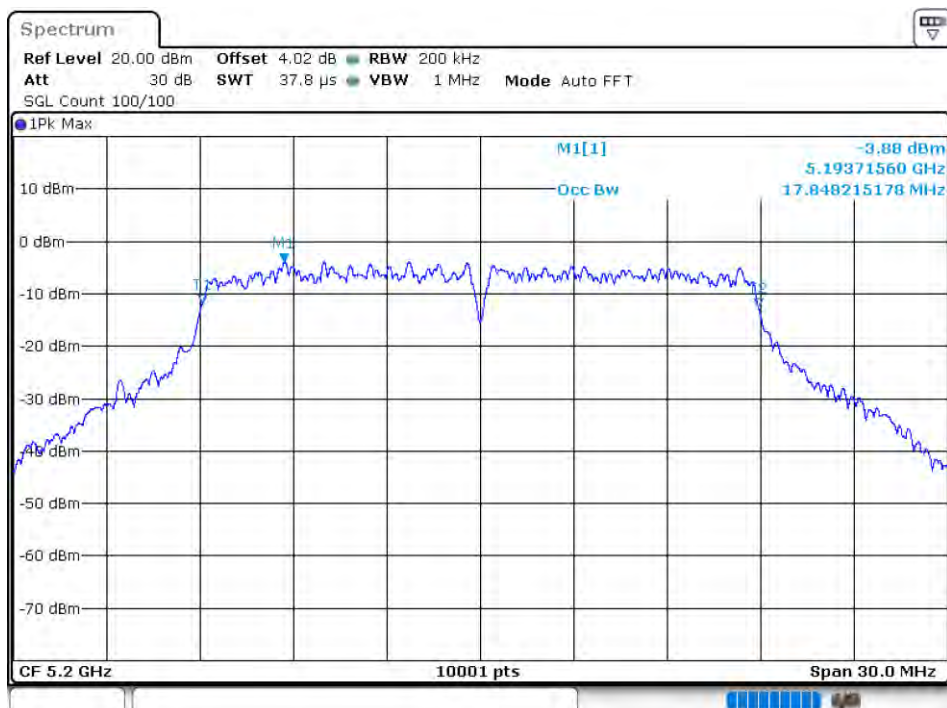
OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5180MHz Ant2



OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5200MHz Ant2

