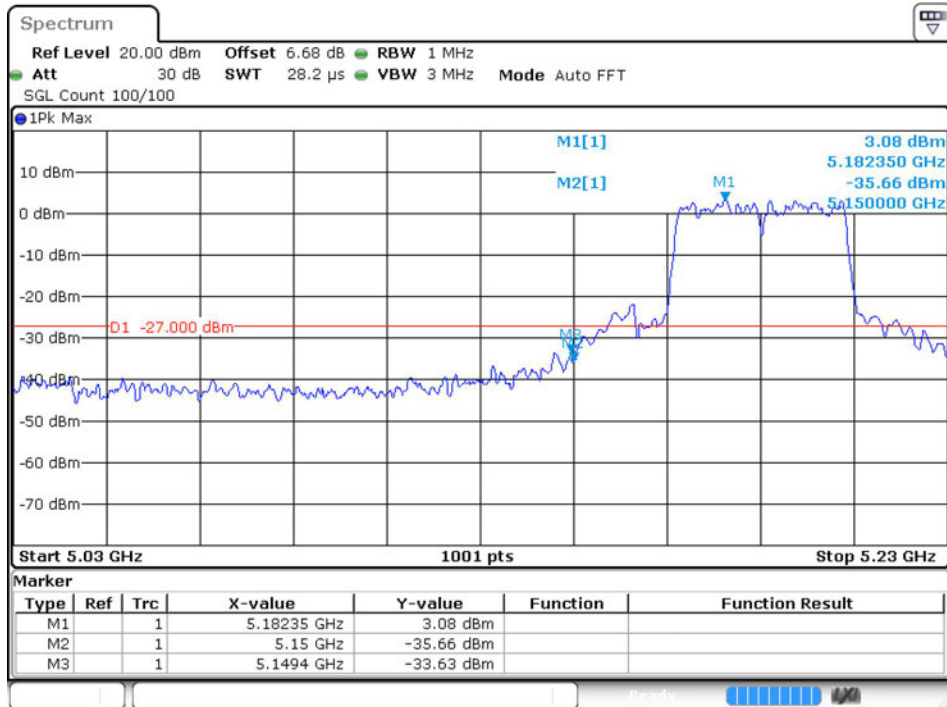
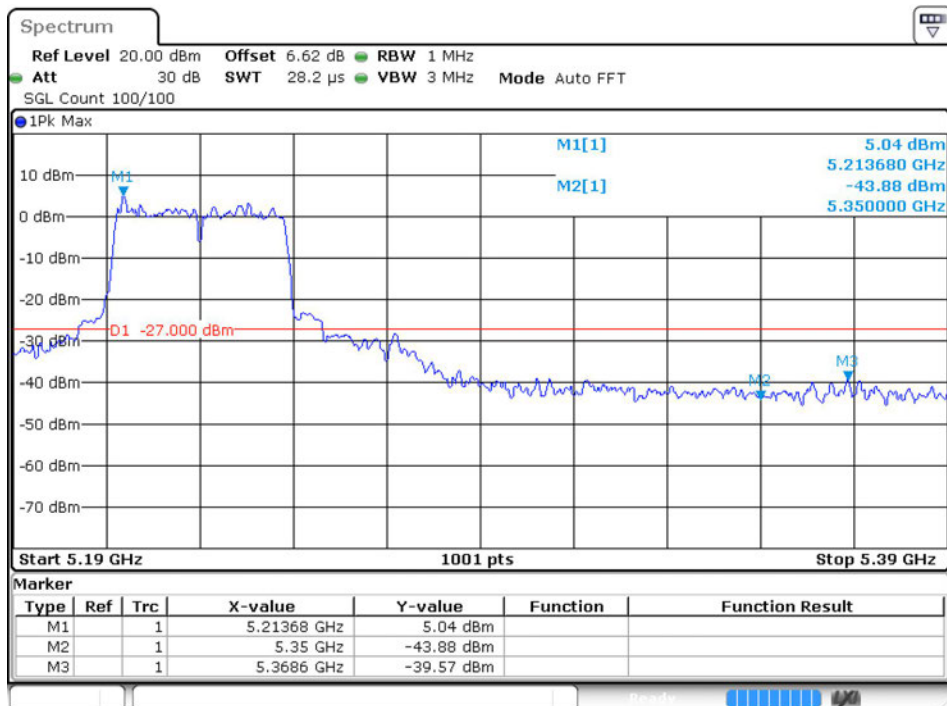


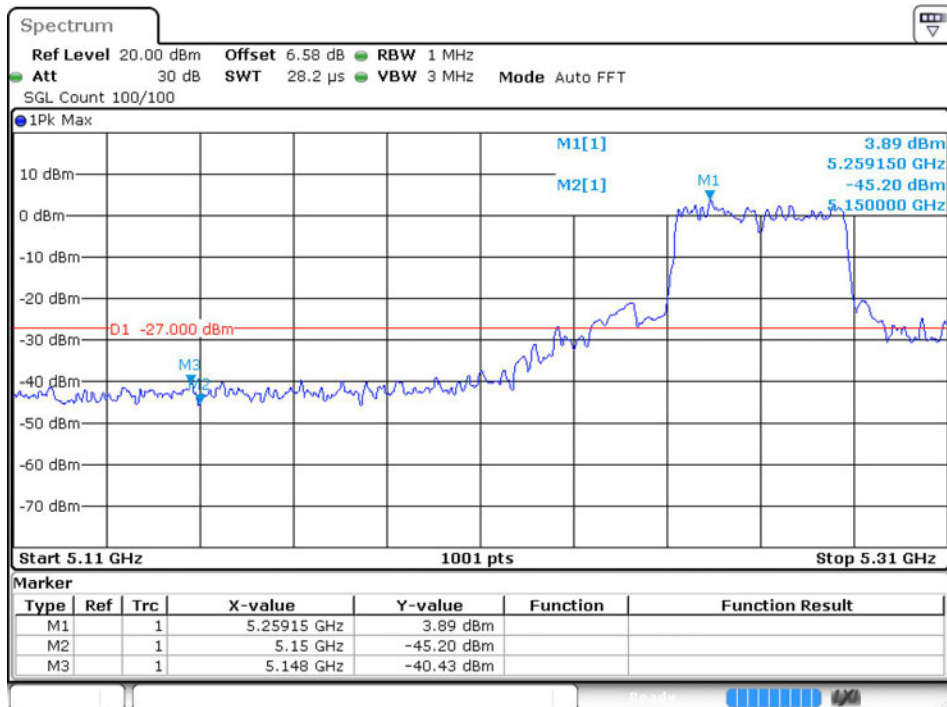
### Band Edge NVNT n40 5190MHz Low Ant1



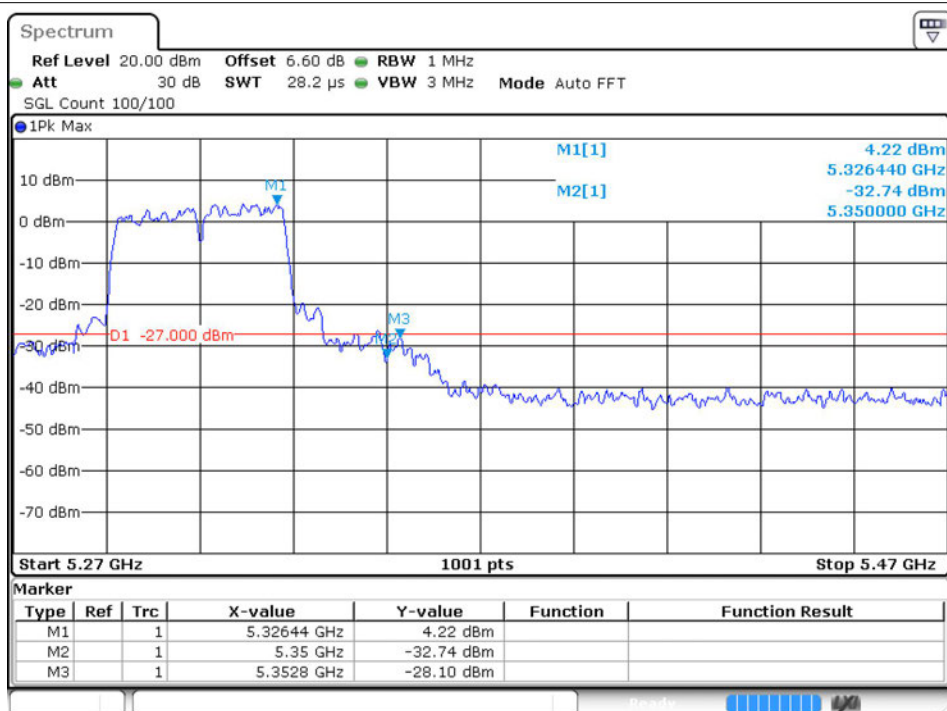
### Band Edge NVNT n40 5230MHz High Ant1



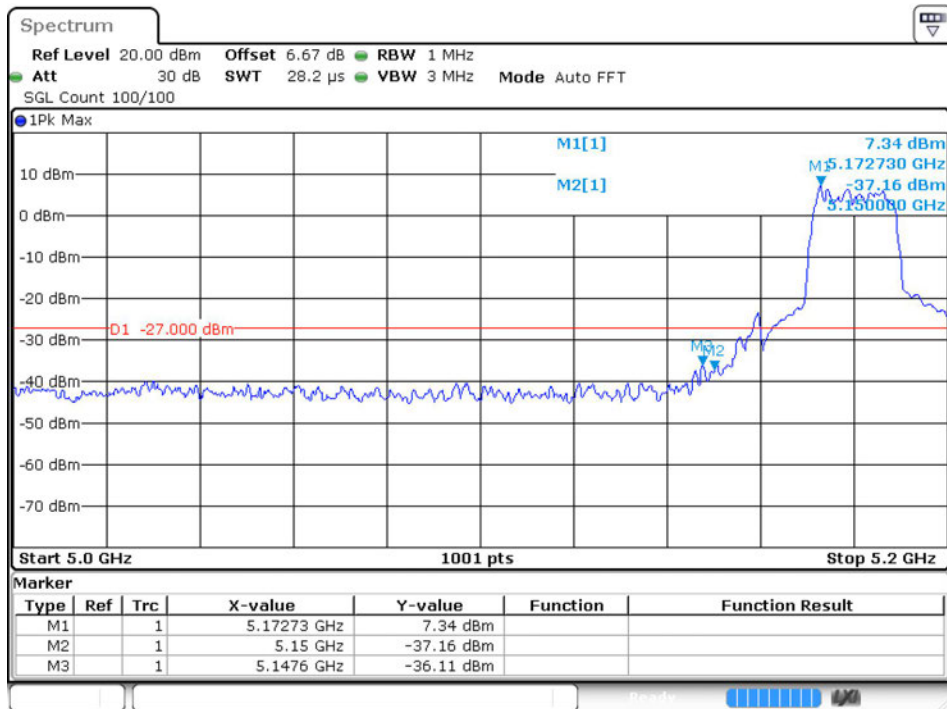
### Band Edge NVNT n40 5270MHz Low Ant1



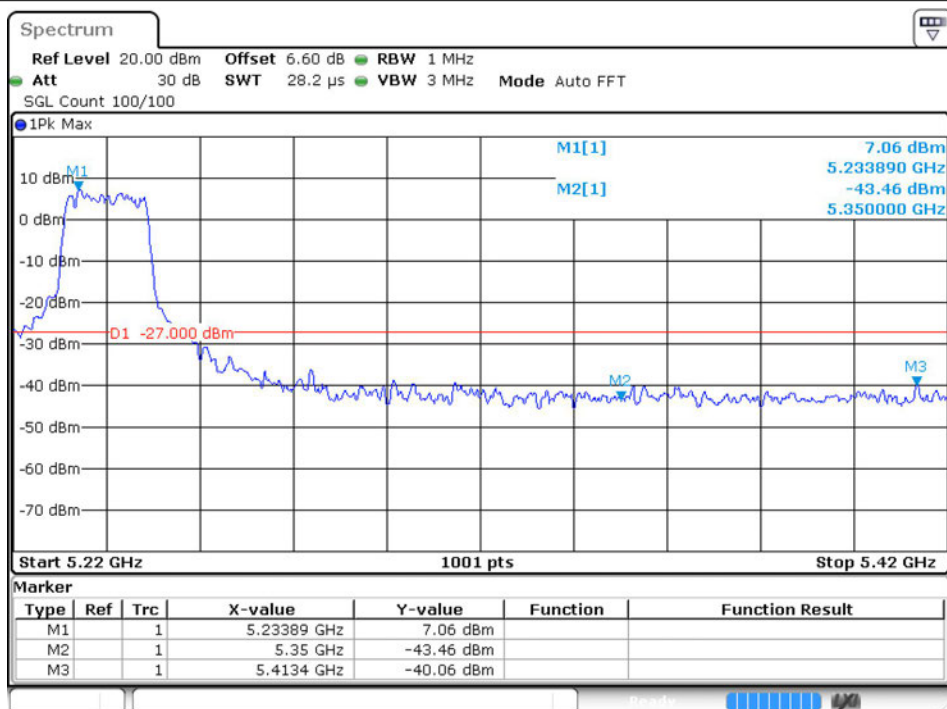
### Band Edge NVNT n40 5310MHz High Ant1



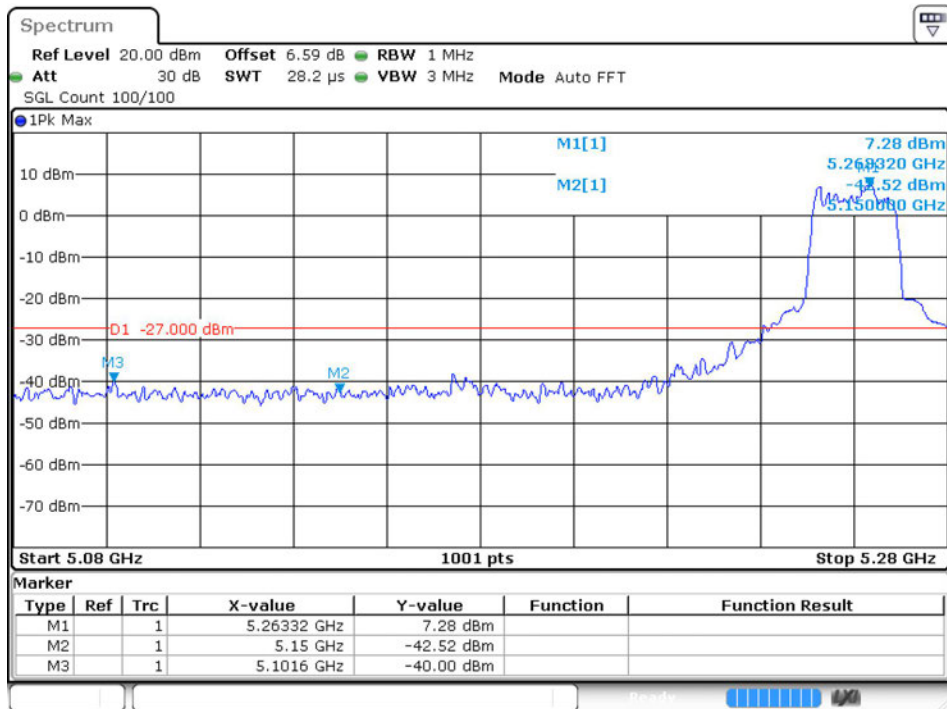
### Band Edge NVNT ac20 5180MHz Low Ant1



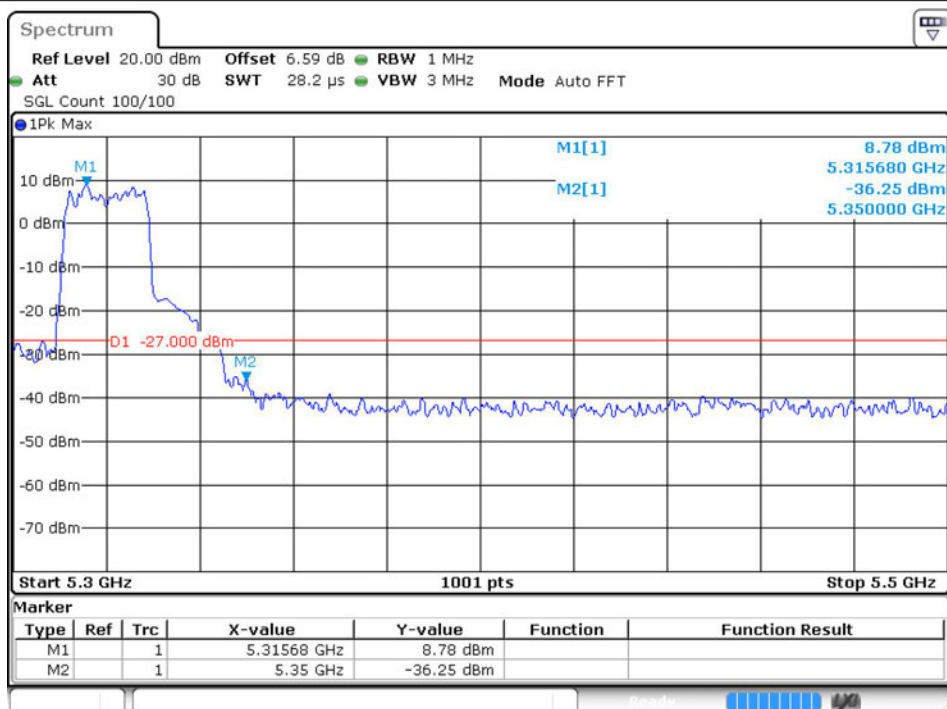
### Band Edge NVNT ac20 5240MHz High Ant1



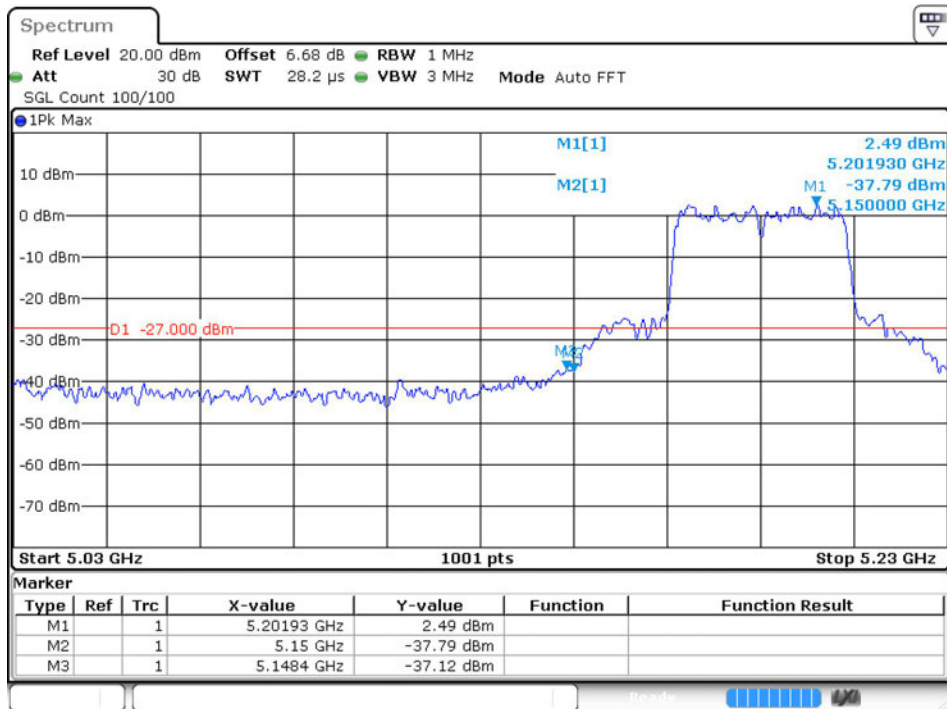
## Band Edge NVNT ac20 5260MHz Low Ant1



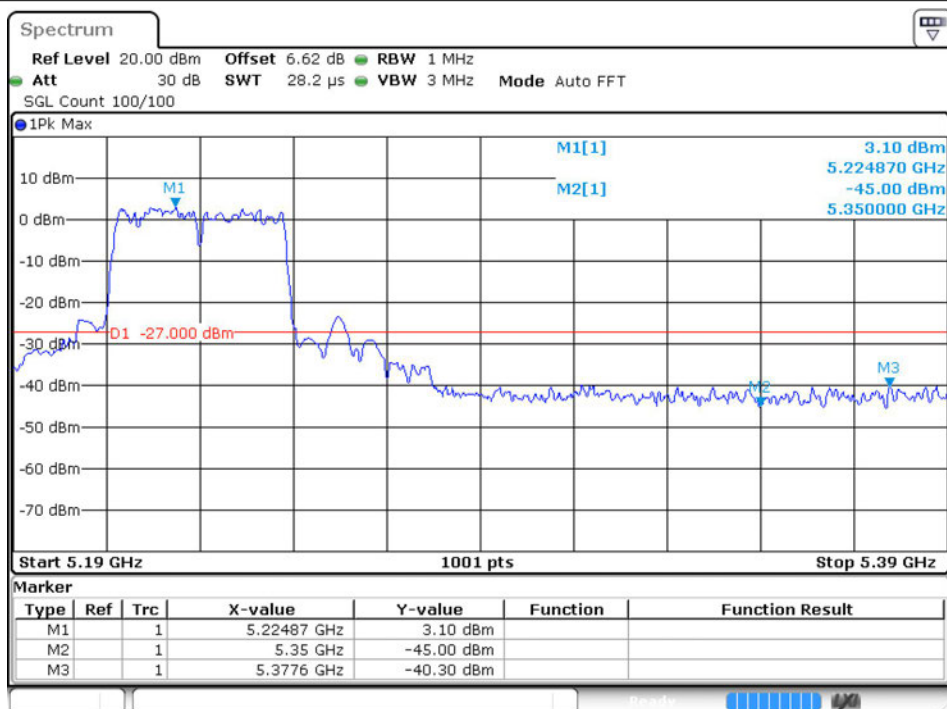
## Band Edge NVNT ac20 5320MHz High Ant1



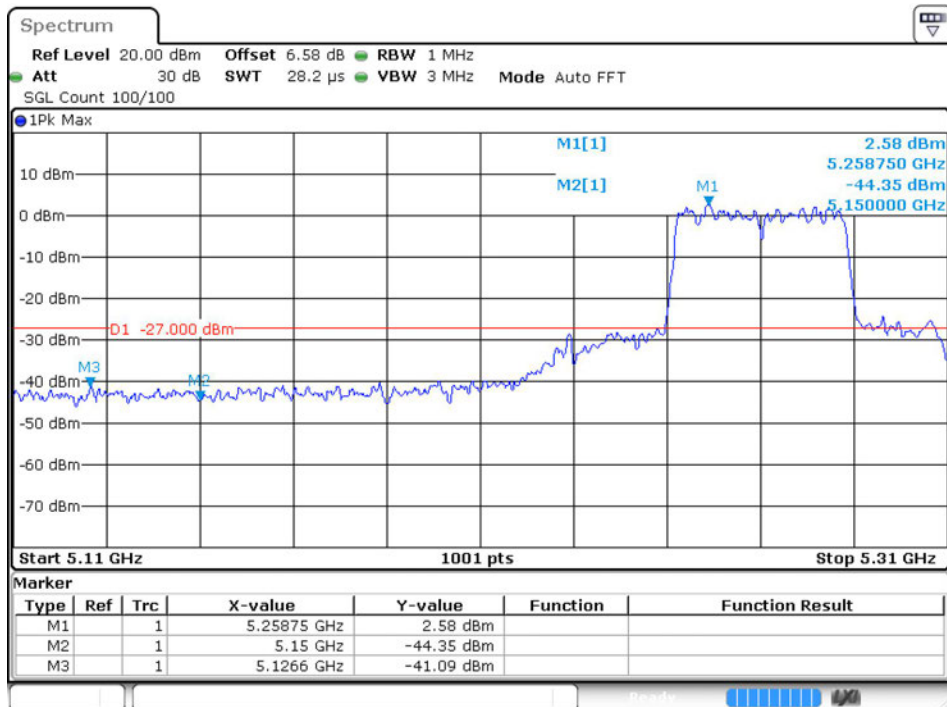
### Band Edge NVNT ac40 5190MHz Low Ant1



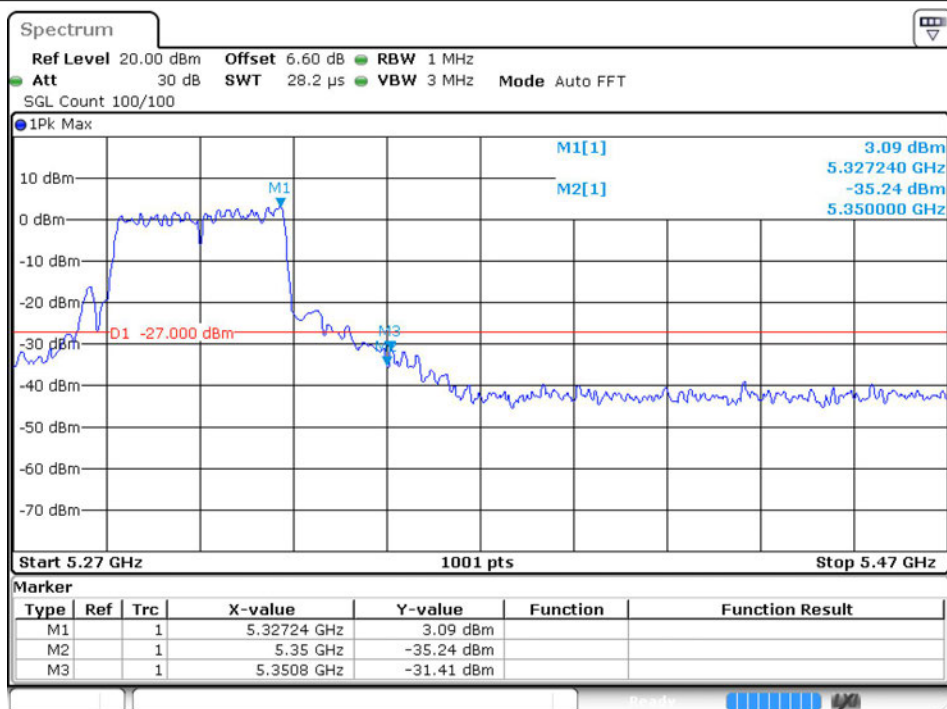
### Band Edge NVNT ac40 5230MHz High Ant1



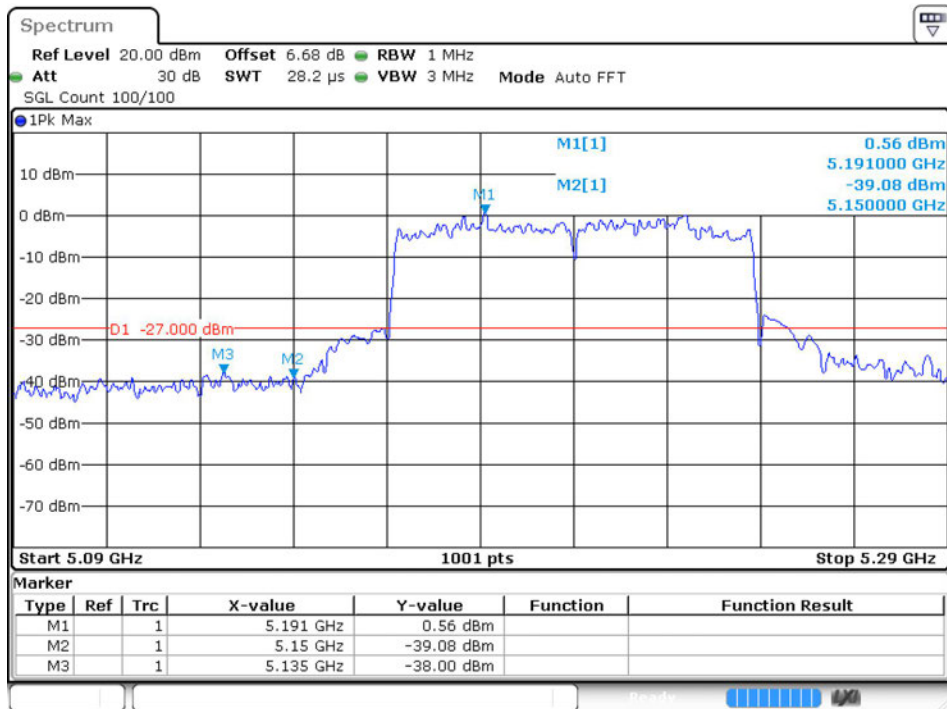
### Band Edge NVNT ac40 5270MHz Low Ant1



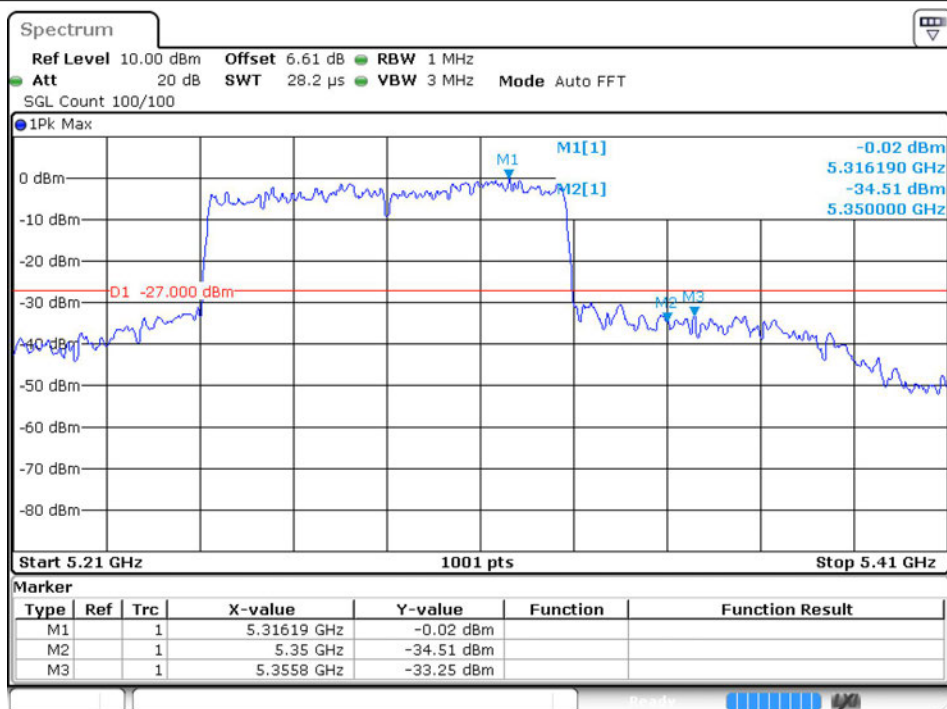
### Band Edge NVNT ac40 5310MHz High Ant1



### Band Edge NVNT ac80 5210MHz Low Ant1



### Band Edge NVNT ac80 5290MHz High Ant1



## 7.Frequency Stability

| Condition | Mode | Frequency (MHz) | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|--------------------------|----------------------|-----------------|-------------|---------|
| 20C 102V  | a    | 5180            | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| 20C 120V  | a    | 5180            | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| 20C 138V  | a    | 5180            | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| -20C 120V | a    | 5180            | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| -10C 120V | a    | 5180            | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| 0C 120V   | a    | 5180            | 5180                     | 0                    | 0               | 25          | Pass    |
| 10C 120V  | a    | 5180            | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| 30C 120V  | a    | 5180            | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| 40C 120V  | a    | 5180            | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| 50C 120V  | a    | 5180            | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| 20C 102V  | a    | 5200            | 5200                     | 0                    | 0               | 25          | Pass    |
| 20C 120V  | a    | 5200            | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| 20C 138V  | a    | 5200            | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| -20C 120V | a    | 5200            | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| -10C 120V | a    | 5200            | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| 0C 120V   | a    | 5200            | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| 10C 120V  | a    | 5200            | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| 30C 120V  | a    | 5200            | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| 40C 120V  | a    | 5200            | 5200                     | 0                    | 0               | 25          | Pass    |
| 50C 120V  | a    | 5200            | 5200                     | 0                    | 0               | 25          | Pass    |
| 20C 102V  | a    | 5240            | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| 20C 120V  | a    | 5240            | 5240                     | 0                    | 0               | 25          | Pass    |
| 20C 138V  | a    | 5240            | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| -20C 120V | a    | 5240            | 5240                     | 0                    | 0               | 25          | Pass    |
| -10C 120V | a    | 5240            | 5239.98                  | -20000               | -3.82           | 25          | Pass    |
| 0C 120V   | a    | 5240            | 5240                     | 0                    | 0               | 25          | Pass    |
| 10C 120V  | a    | 5240            | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| 30C 120V  | a    | 5240            | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| 40C 120V  | a    | 5240            | 5239.98                  | -20000               | -3.82           | 25          | Pass    |
| 50C 120V  | a    | 5240            | 5239.98                  | -20000               | -3.82           | 25          | Pass    |
| 20C 102V  | a    | 5260            | 5260                     | 0                    | 0               | 25          | Pass    |
| 20C 120V  | a    | 5260            | 5260                     | 0                    | 0               | 25          | Pass    |
| 20C 138V  | a    | 5260            | 5259.98                  | -20000               | -3.8            | 25          | Pass    |
| -20C 120V | a    | 5260            | 5260                     | 0                    | 0               | 25          | Pass    |
| -10C 120V | a    | 5260            | 5259.98                  | -20000               | -3.8            | 25          | Pass    |
| 0C 120V   | a    | 5260            | 5259.98                  | -20000               | -3.8            | 25          | Pass    |
| 10C 120V  | a    | 5260            | 5259.96                  | -40000               | -7.6            | 25          | Pass    |
| 30C 120V  | a    | 5260            | 5260                     | 0                    | 0               | 25          | Pass    |
| 40C 120V  | a    | 5260            | 5260                     | 0                    | 0               | 25          | Pass    |



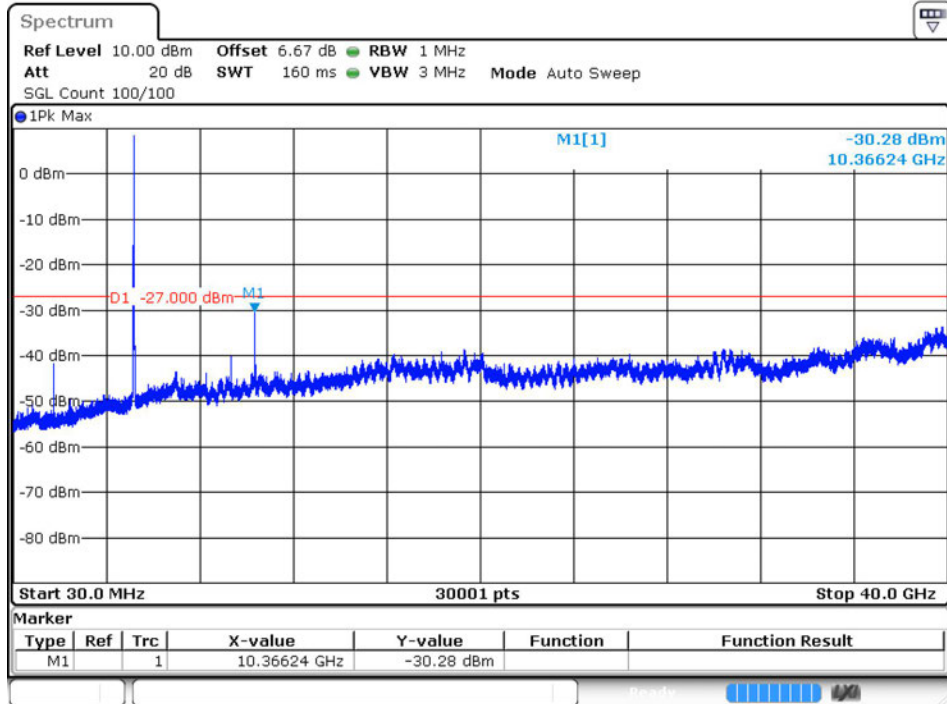
|           |   |      |         |        |       |    |      |
|-----------|---|------|---------|--------|-------|----|------|
| 50C 120V  | a | 5260 | 5259.98 | -20000 | -3.8  | 25 | Pass |
| 20C 102V  | a | 5280 | 5279.96 | -40000 | -7.58 | 25 | Pass |
| 20C 120V  | a | 5280 | 5280    | 0      | 0     | 25 | Pass |
| 20C 138V  | a | 5280 | 5280    | 0      | 0     | 25 | Pass |
| -20C 120V | a | 5280 | 5279.96 | -40000 | -7.58 | 25 | Pass |
| -10C 120V | a | 5280 | 5279.96 | -40000 | -7.58 | 25 | Pass |
| 0C 120V   | a | 5280 | 5280    | 0      | 0     | 25 | Pass |
| 10C 120V  | a | 5280 | 5279.98 | -20000 | -3.79 | 25 | Pass |
| 30C 120V  | a | 5280 | 5279.98 | -20000 | -3.79 | 25 | Pass |
| 40C 120V  | a | 5280 | 5280    | 0      | 0     | 25 | Pass |
| 50C 120V  | a | 5280 | 5279.96 | -40000 | -7.58 | 25 | Pass |
| 20C 102V  | a | 5320 | 5319.98 | -20000 | -3.76 | 25 | Pass |
| 20C 120V  | a | 5320 | 5319.98 | -20000 | -3.76 | 25 | Pass |
| 20C 138V  | a | 5320 | 5320    | 0      | 0     | 25 | Pass |
| -20C 120V | a | 5320 | 5319.96 | -40000 | -7.52 | 25 | Pass |
| -10C 120V | a | 5320 | 5319.96 | -40000 | -7.52 | 25 | Pass |
| 0C 120V   | a | 5320 | 5319.98 | -20000 | -3.76 | 25 | Pass |
| 10C 120V  | a | 5320 | 5319.96 | -40000 | -7.52 | 25 | Pass |
| 30C 120V  | a | 5320 | 5319.98 | -20000 | -3.76 | 25 | Pass |
| 40C 120V  | a | 5320 | 5320    | 0      | 0     | 25 | Pass |
| 50C 120V  | a | 5320 | 5319.98 | -20000 | -3.76 | 25 | Pass |

## 8. Conducted RF Spurious Emission

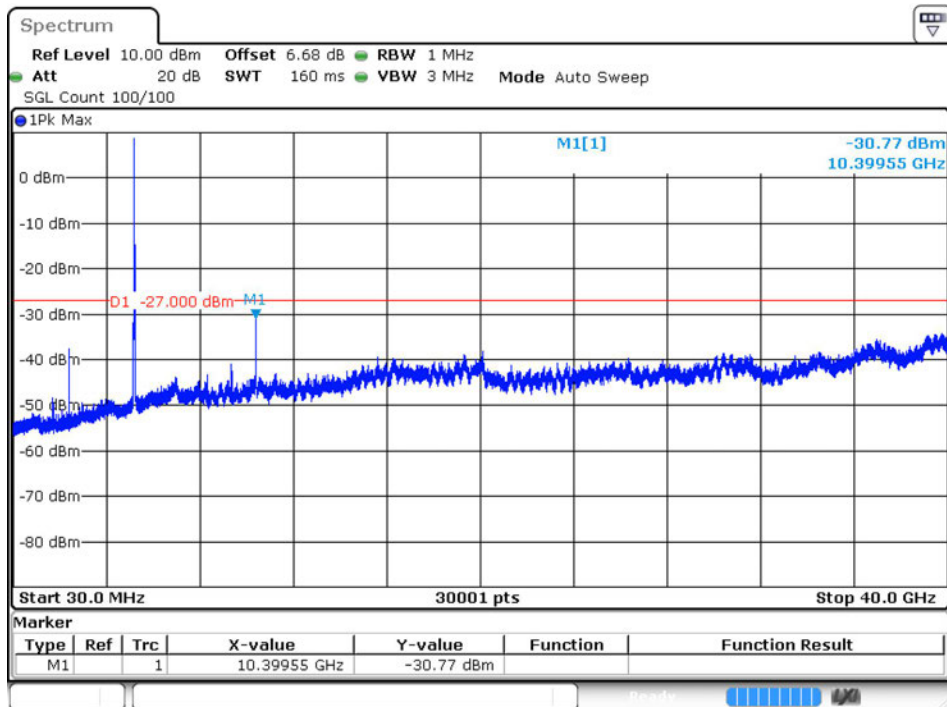
| Mode       | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|------------|-----------------|---------|-----------------|-------------|---------|
| 802.11a    | 5180            | Ant1    | -30.28          | -27         | Pass    |
| 802.11a    | 5200            | Ant1    | -30.77          | -27         | Pass    |
| 802.11a    | 5240            | Ant1    | -30.39          | -27         | Pass    |
| 802.11a    | 5260            | Ant1    | -31.4           | -27         | Pass    |
| 802.11a    | 5280            | Ant1    | -33.96          | -27         | Pass    |
| 802.11a    | 5320            | Ant1    | -33.71          | -27         | Pass    |
| 802.11n20  | 5180            | Ant1    | -30.3           | -27         | Pass    |
| 802.11n20  | 5200            | Ant1    | -31.84          | -27         | Pass    |
| 802.11n20  | 5240            | Ant1    | -31.15          | -27         | Pass    |
| 802.11n20  | 5260            | Ant1    | -32.7           | -27         | Pass    |
| 802.11n20  | 5280            | Ant1    | -33.88          | -27         | Pass    |
| 802.11n20  | 5320            | Ant1    | -33.95          | -27         | Pass    |
| 802.11n40  | 5190            | Ant1    | -33.4           | -27         | Pass    |
| 802.11n40  | 5230            | Ant1    | -33.57          | -27         | Pass    |
| 802.11n40  | 5270            | Ant1    | -33.47          | -27         | Pass    |
| 802.11n40  | 5310            | Ant1    | -33.53          | -27         | Pass    |
| 802.11ac20 | 5180            | Ant1    | -31.21          | -27         | Pass    |
| 802.11ac20 | 5200            | Ant1    | -31.4           | -27         | Pass    |
| 802.11ac20 | 5240            | Ant1    | -30.01          | -27         | Pass    |
| 802.11ac20 | 5260            | Ant1    | -33.12          | -27         | Pass    |
| 802.11ac20 | 5280            | Ant1    | -33.77          | -27         | Pass    |
| 802.11ac20 | 5320            | Ant1    | -33.43          | -27         | Pass    |
| 802.11ac40 | 5190            | Ant1    | -33.26          | -27         | Pass    |
| 802.11ac40 | 5230            | Ant1    | -33.95          | -27         | Pass    |
| 802.11ac40 | 5270            | Ant1    | -33.36          | -27         | Pass    |
| 802.11ac40 | 5310            | Ant1    | -33.56          | -27         | Pass    |
| 802.11ac80 | 5210            | Ant1    | -31.45          | -27         | Pass    |
| 802.11ac80 | 5290            | Ant1    | -33.45          | -27         | Pass    |

## Test Graphs

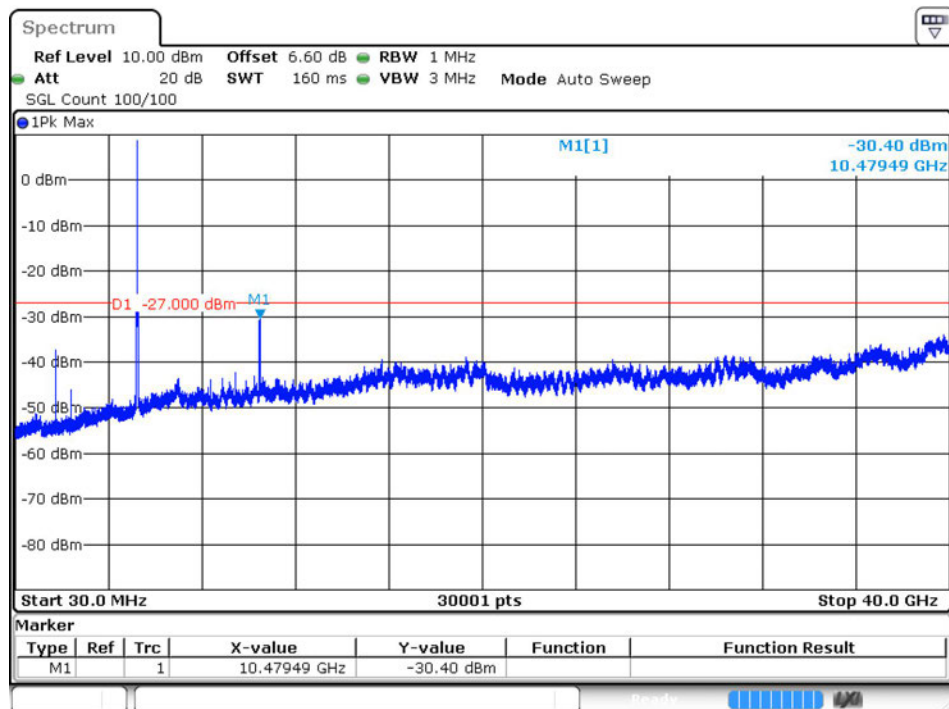
## Tx. Spurious NVNT a 5180MHz Ant1 Emission



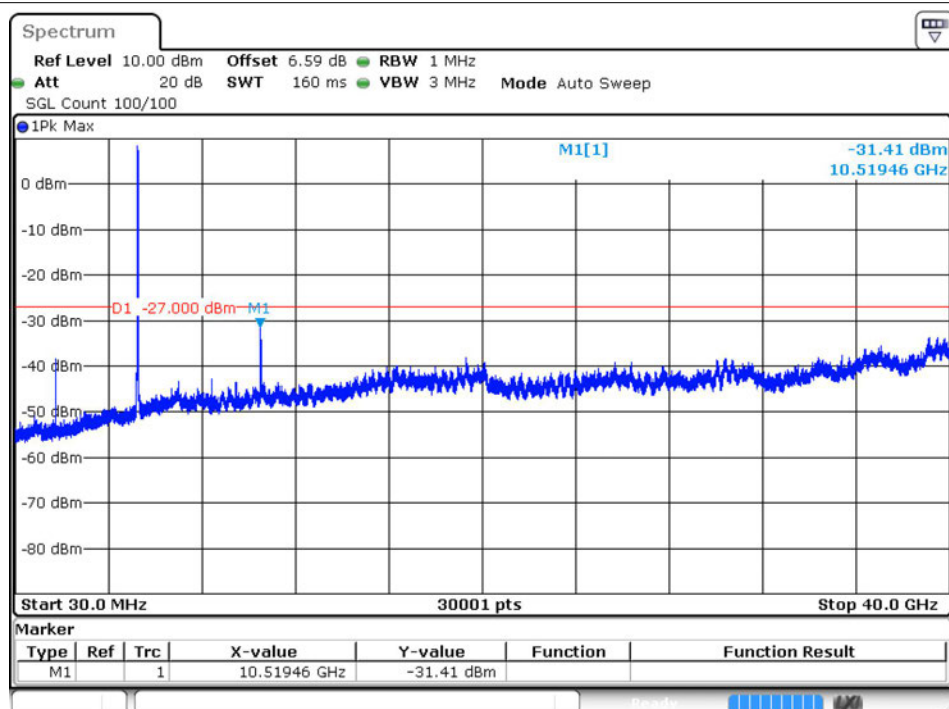
## Tx. Spurious NVNT a 5200MHz Ant1 Emission



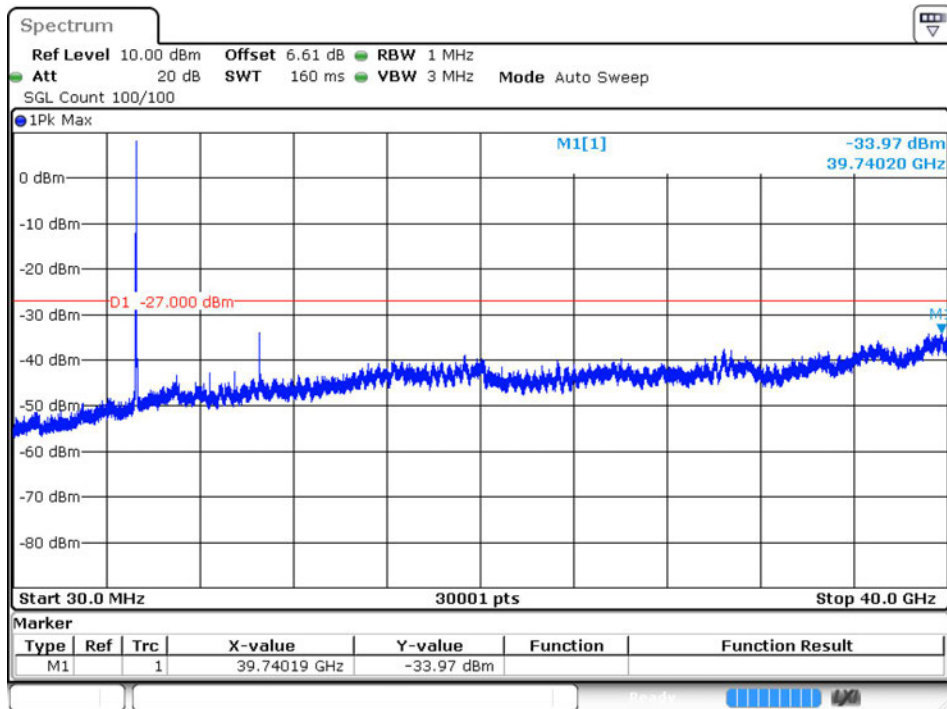
## Tx. Spurious NVNT a 5240MHz Ant1 Emission



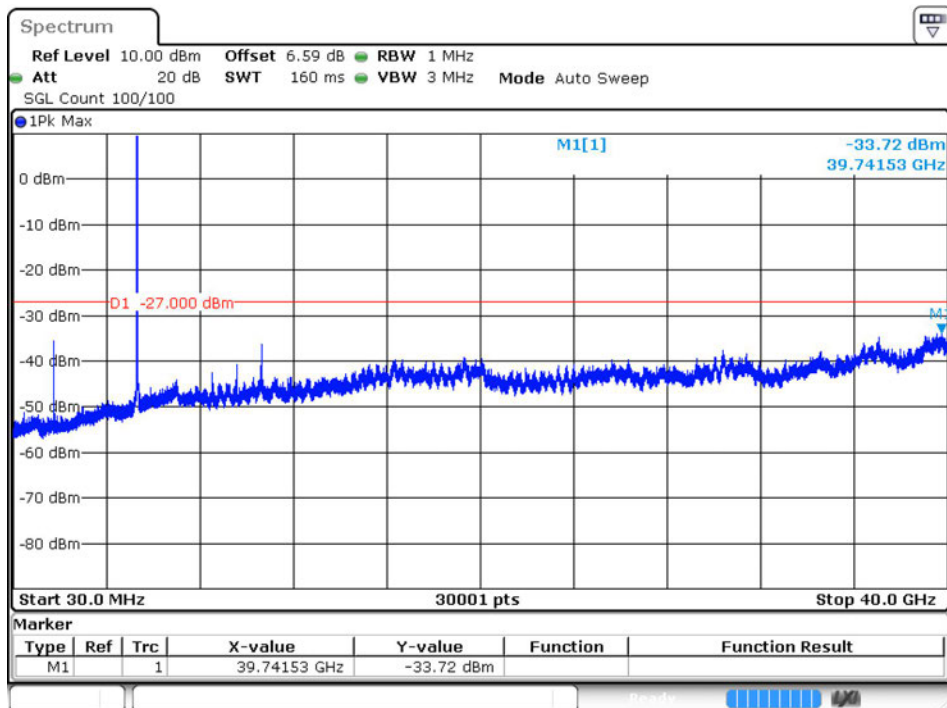
## Tx. Spurious NVNT a 5260MHz Ant1 Emission



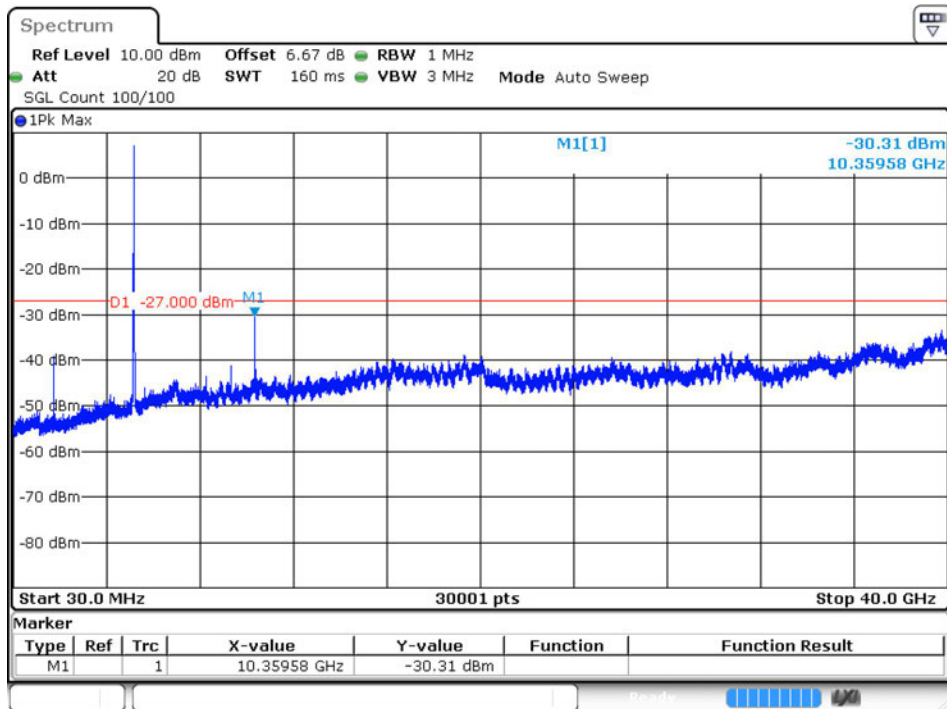
## Tx. Spurious NVNT a 5280MHz Ant1 Emission



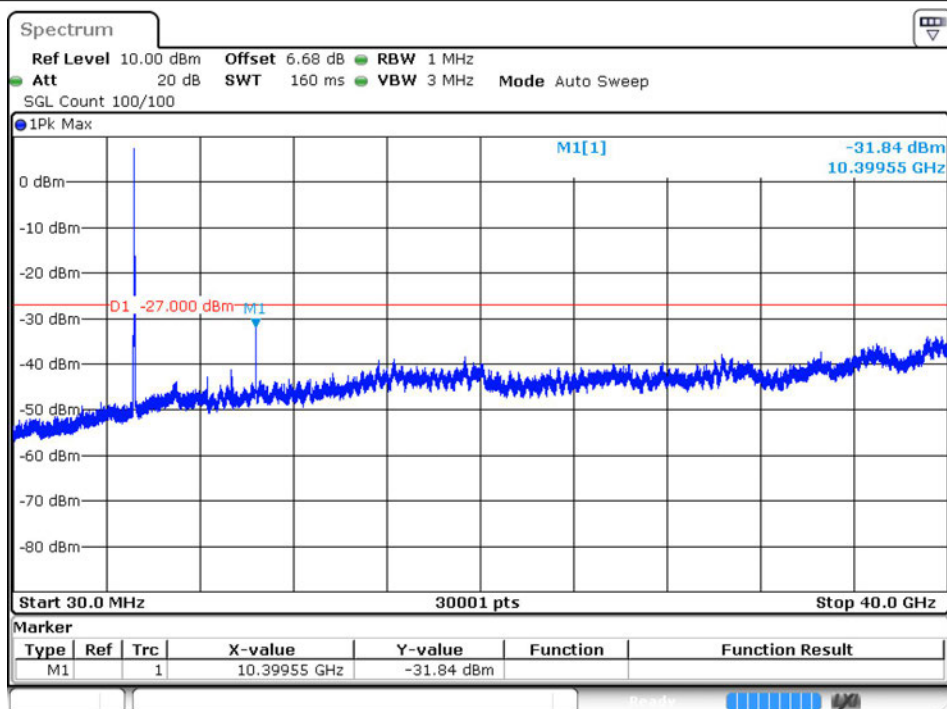
## Tx. Spurious NVNT a 5320MHz Ant1 Emission



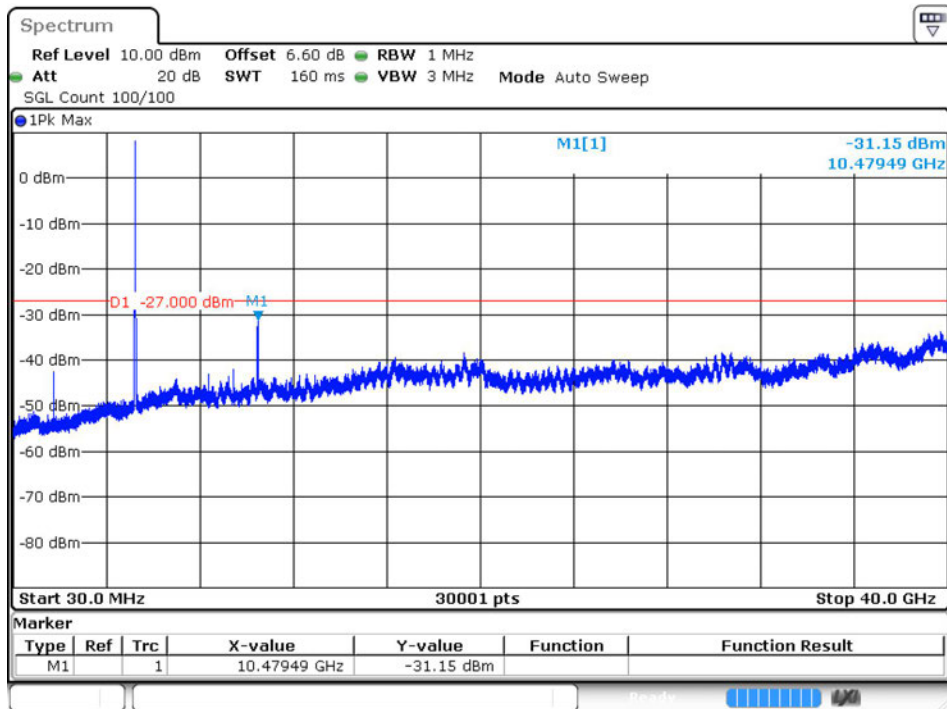
## Tx. Spurious NVNT n20 5180MHz Ant1 Emission



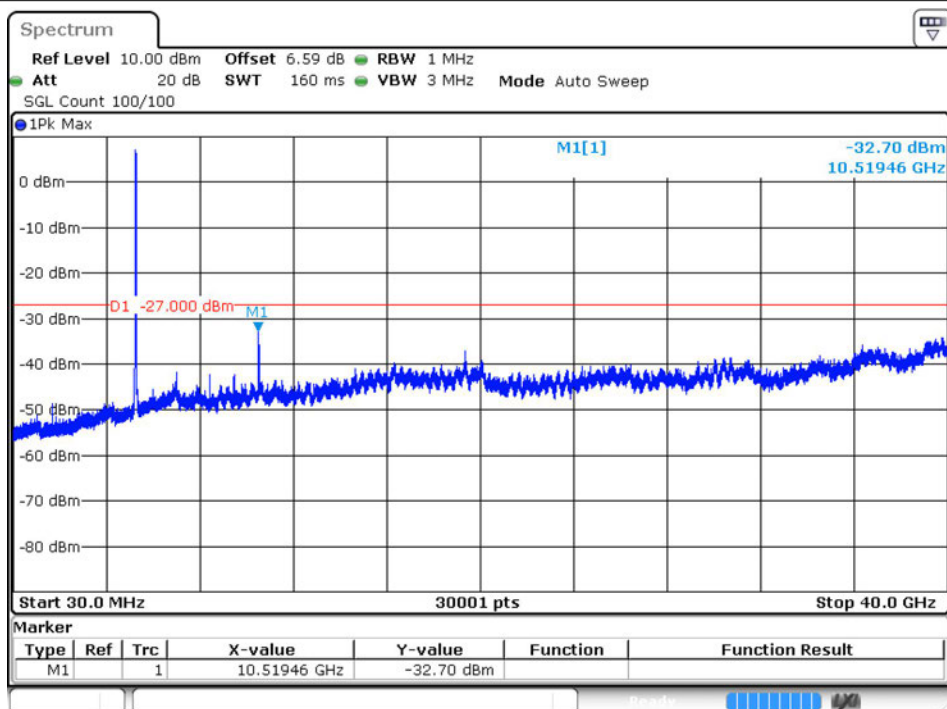
## Tx. Spurious NVNT n20 5200MHz Ant1 Emission



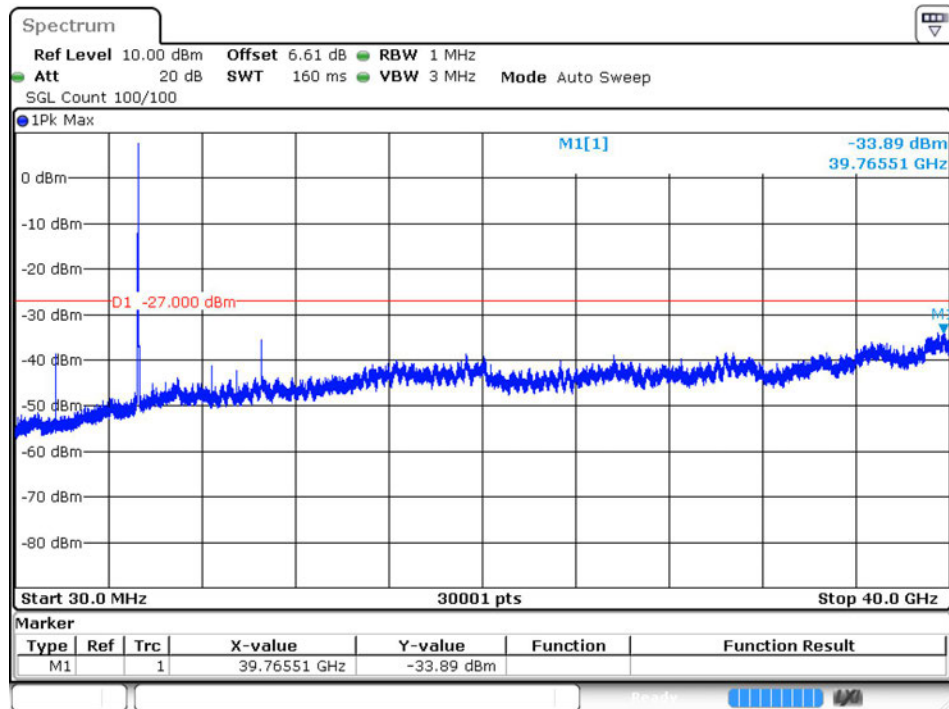
## Tx. Spurious NVNT n20 5240MHz Ant1 Emission



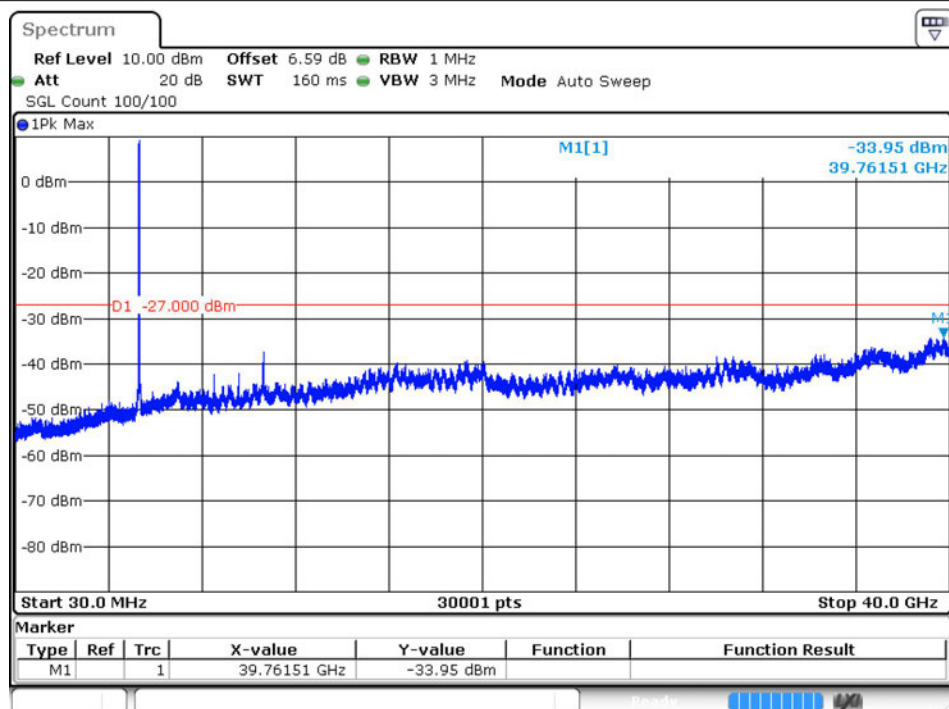
## Tx. Spurious NVNT n20 5260MHz Ant1 Emission



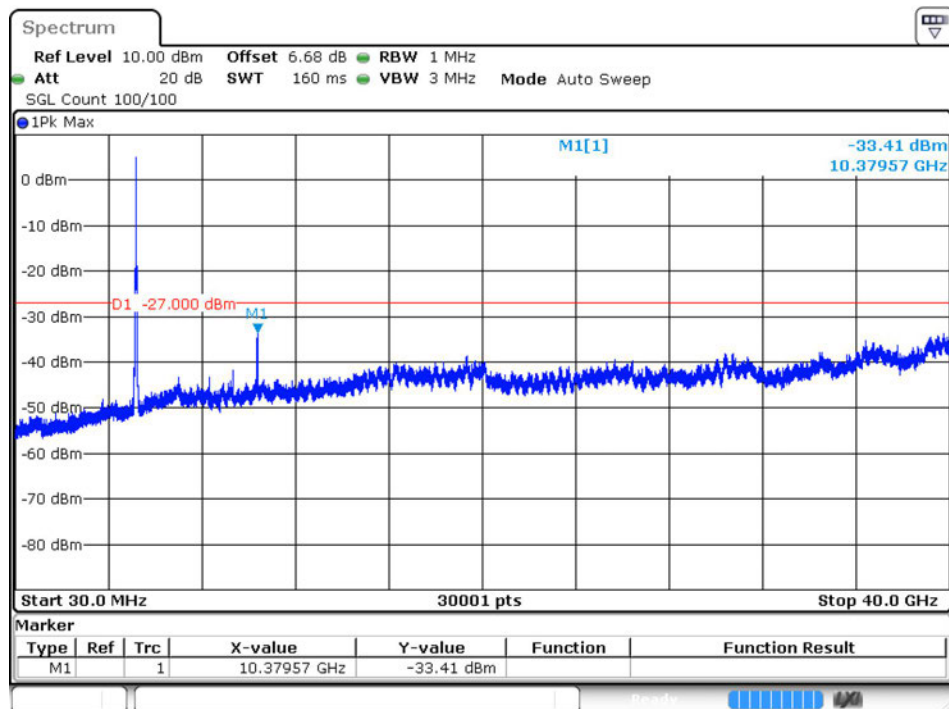
## Tx. Spurious NVNT n20 5280MHz Ant1 Emission



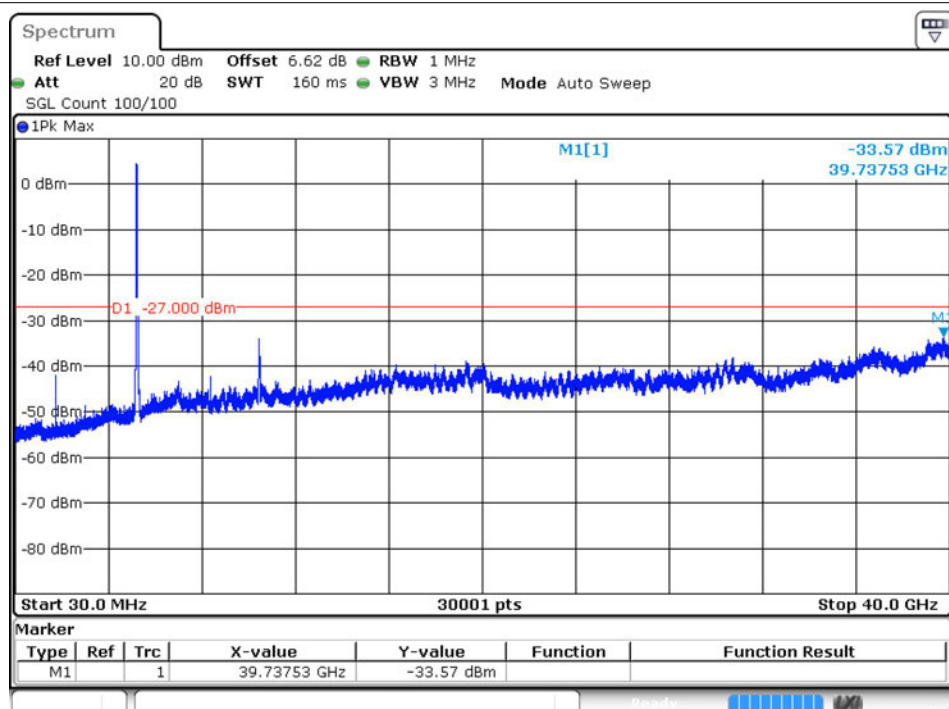
## Tx. Spurious NVNT n20 5320MHz Ant1 Emission



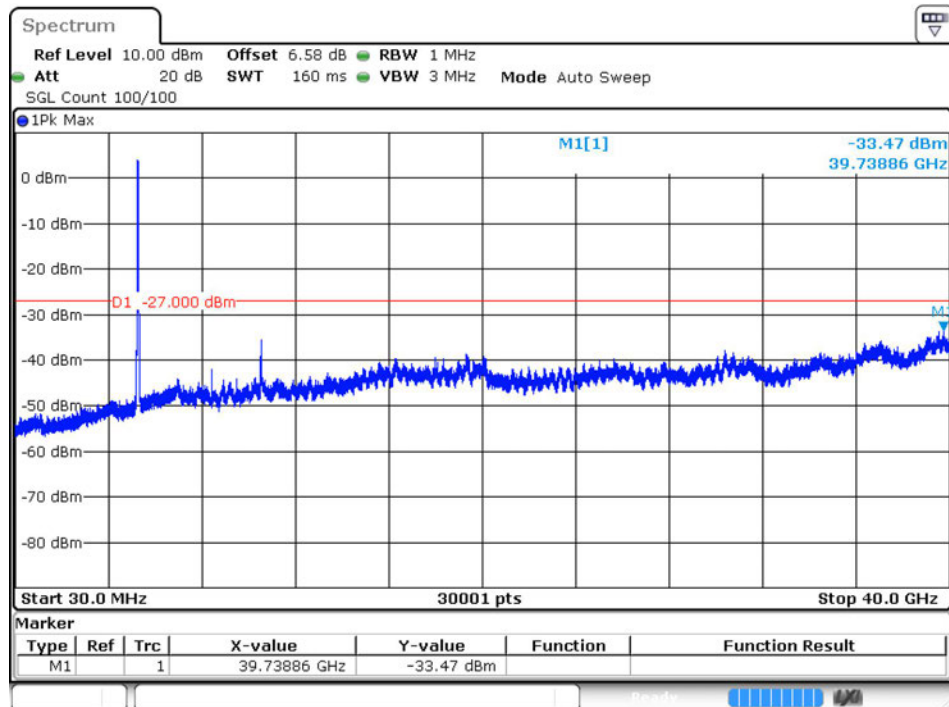
## Tx. Spurious NVNT n40 5190MHz Ant1 Emission



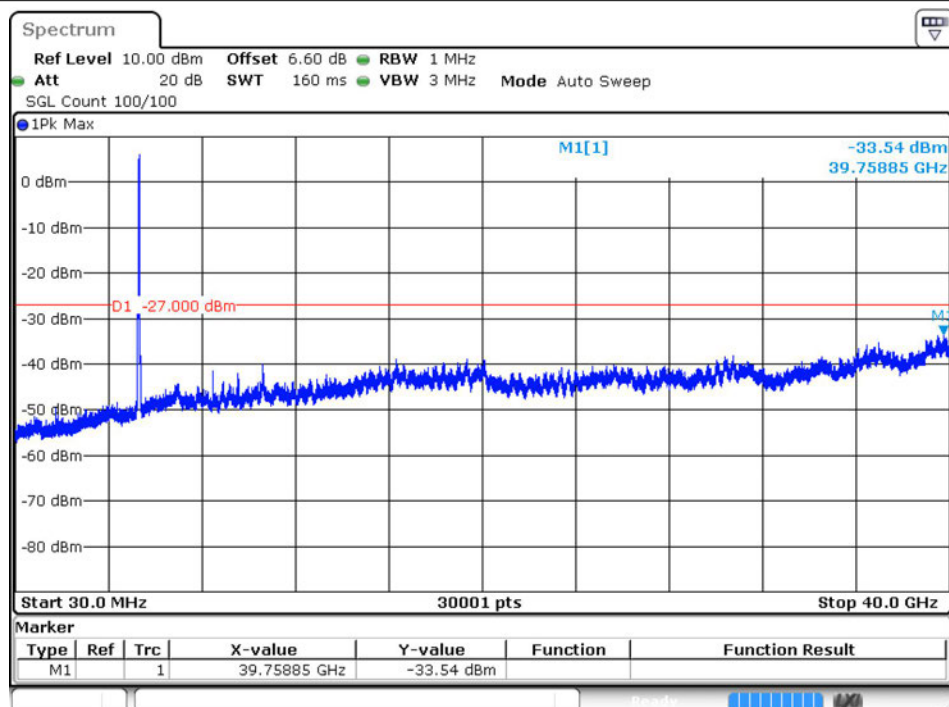
## Tx. Spurious NVNT n40 5230MHz Ant1 Emission



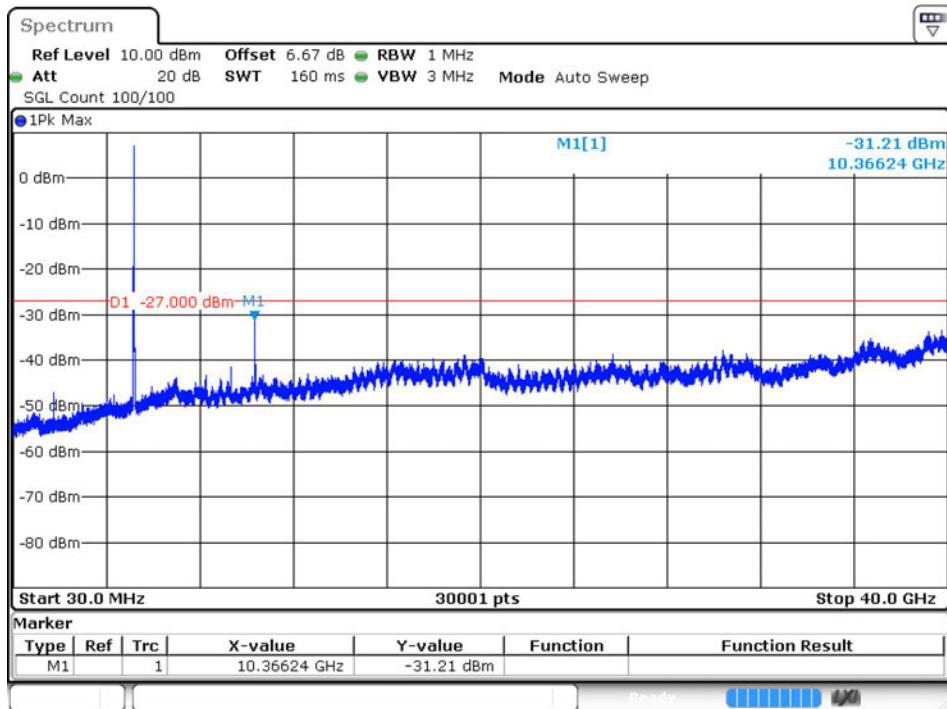
## Tx. Spurious NVNT n40 5270MHz Ant1 Emission



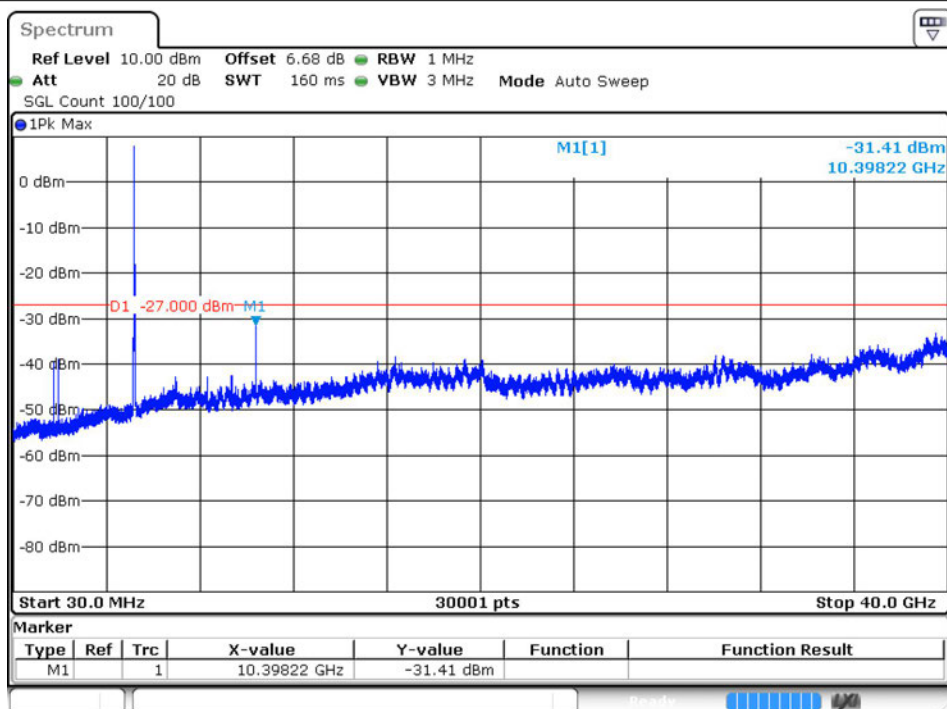
## Tx. Spurious NVNT n40 5310MHz Ant1 Emission



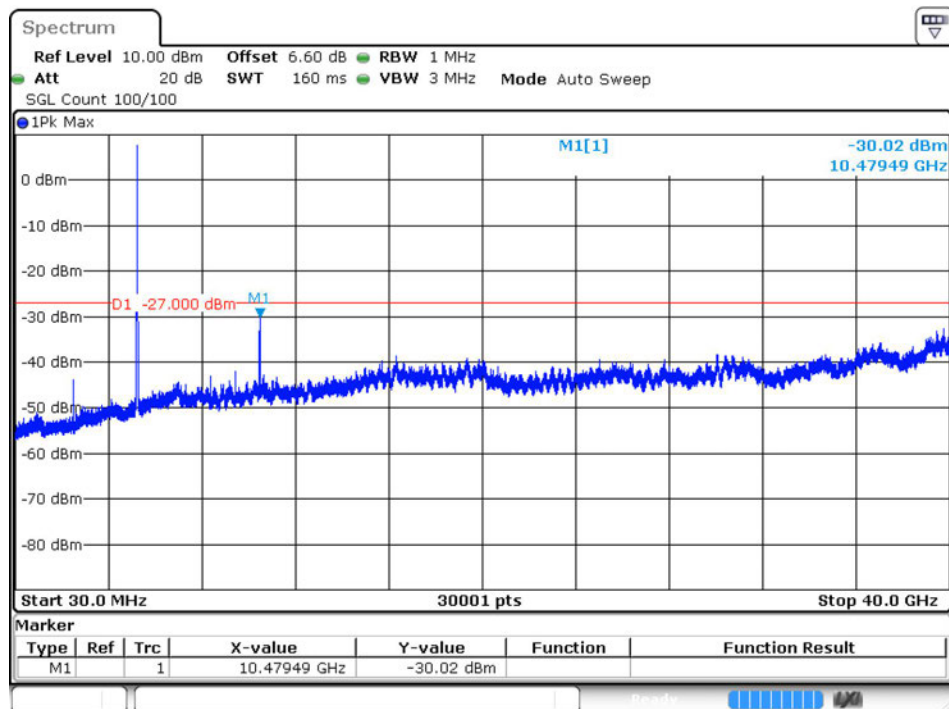
## Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



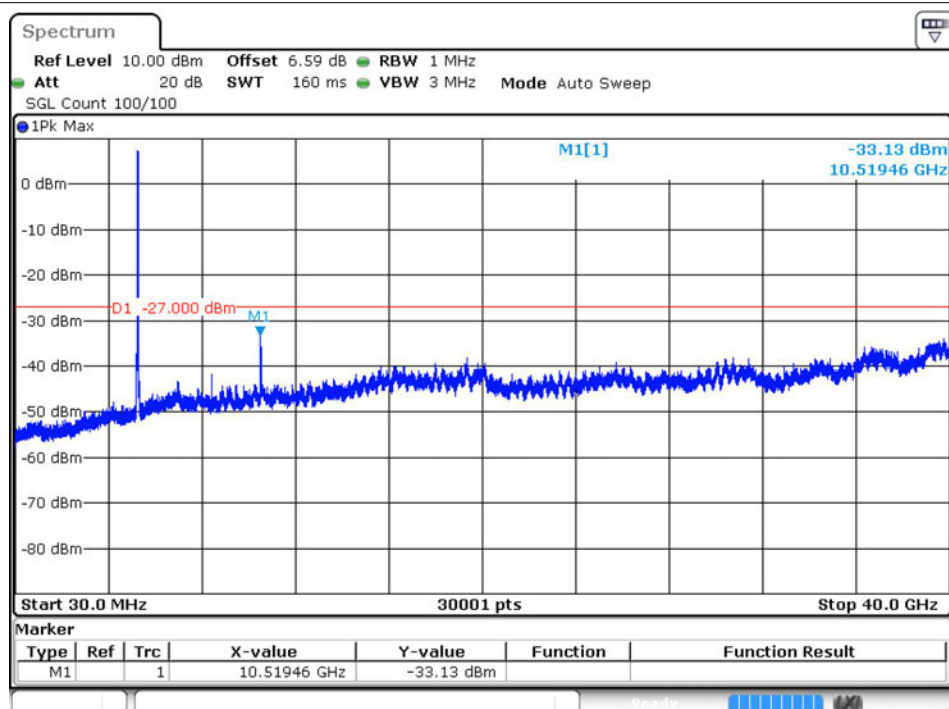
## Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



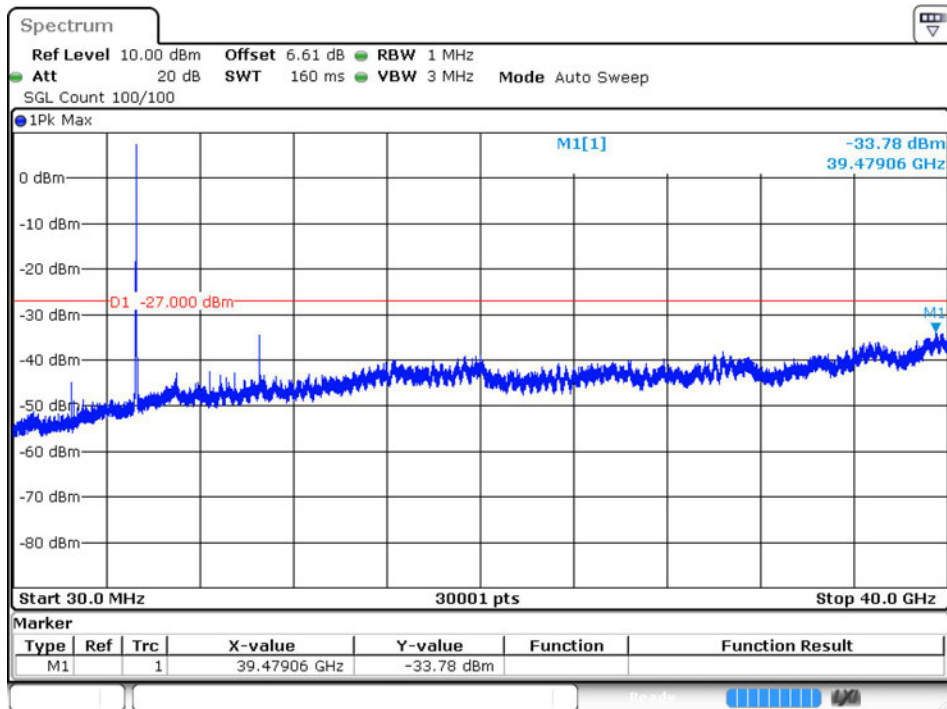
## Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



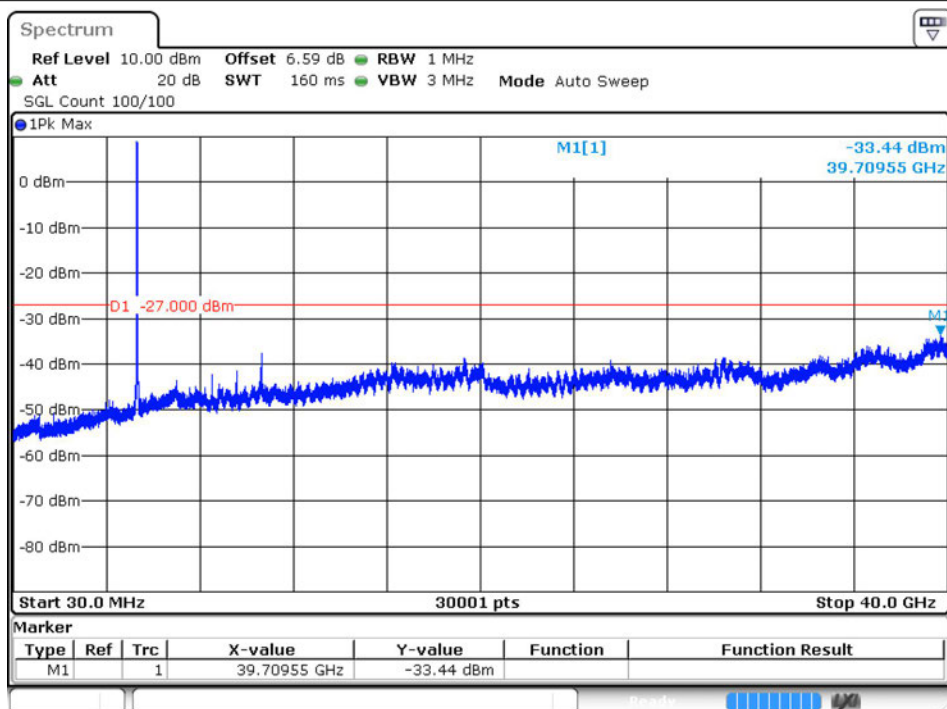
## Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



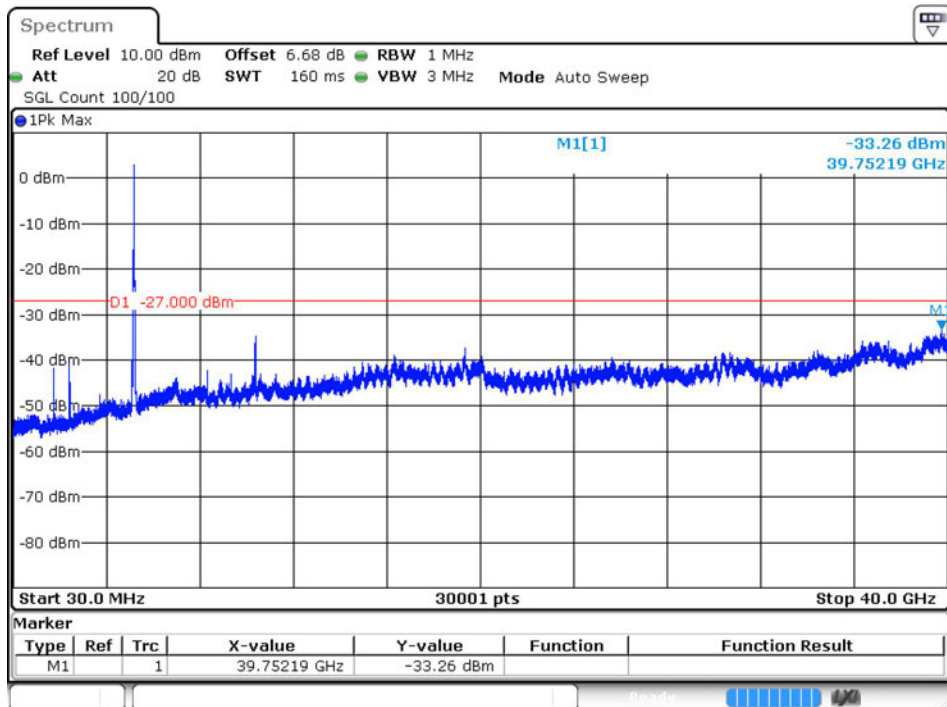
## Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



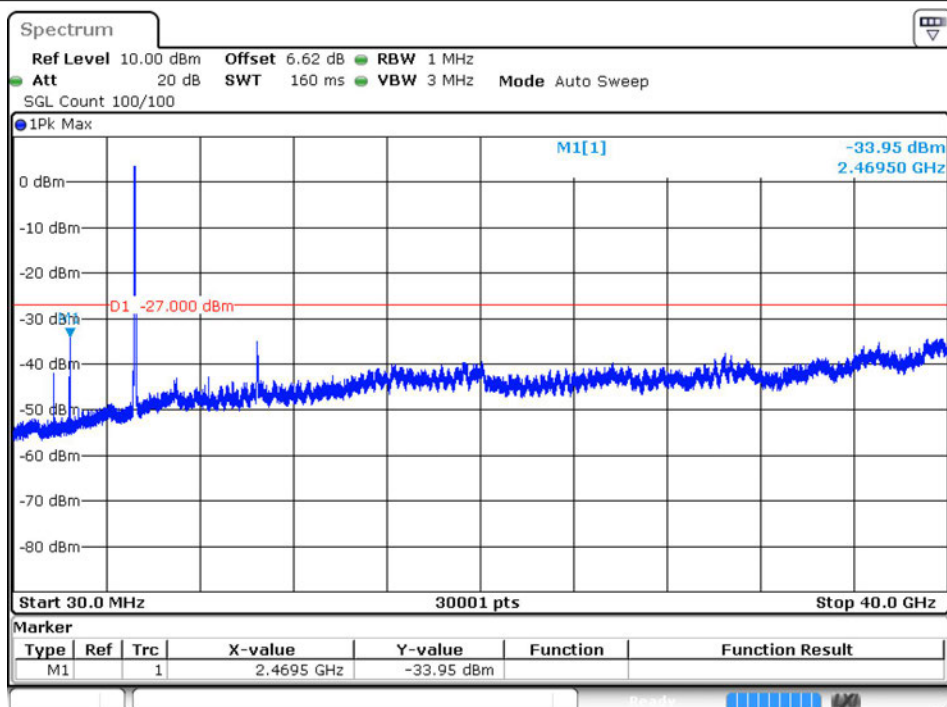
## Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



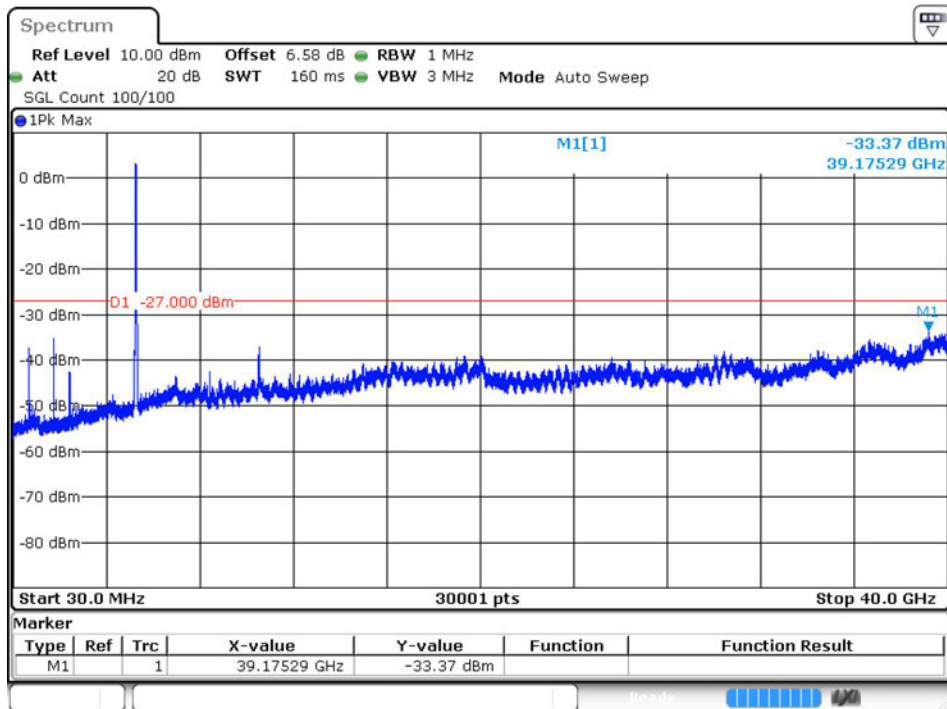
## Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



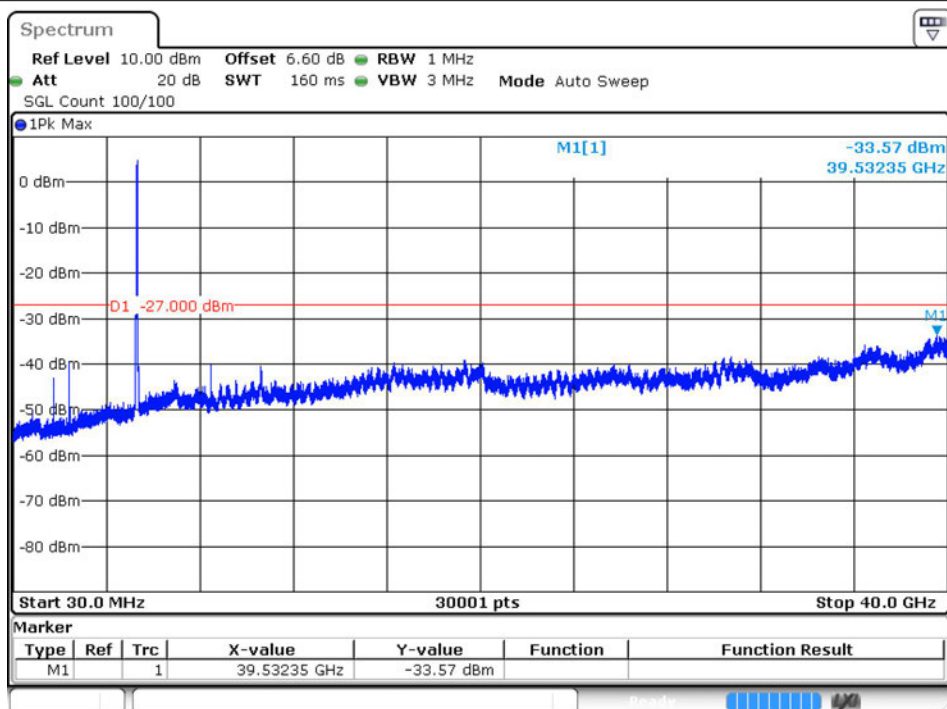
## Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



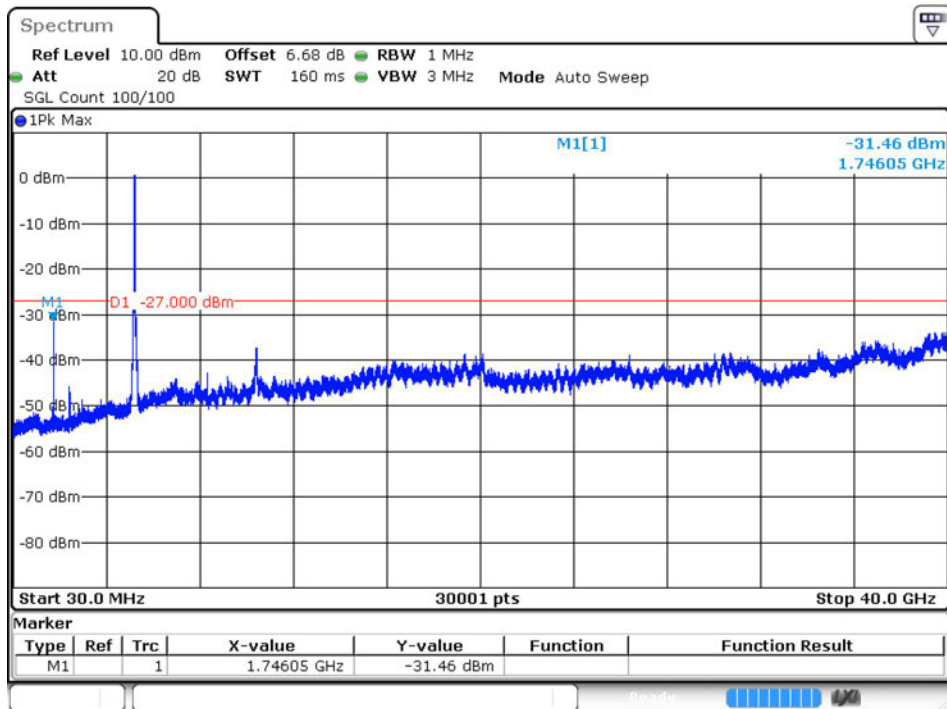
## Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



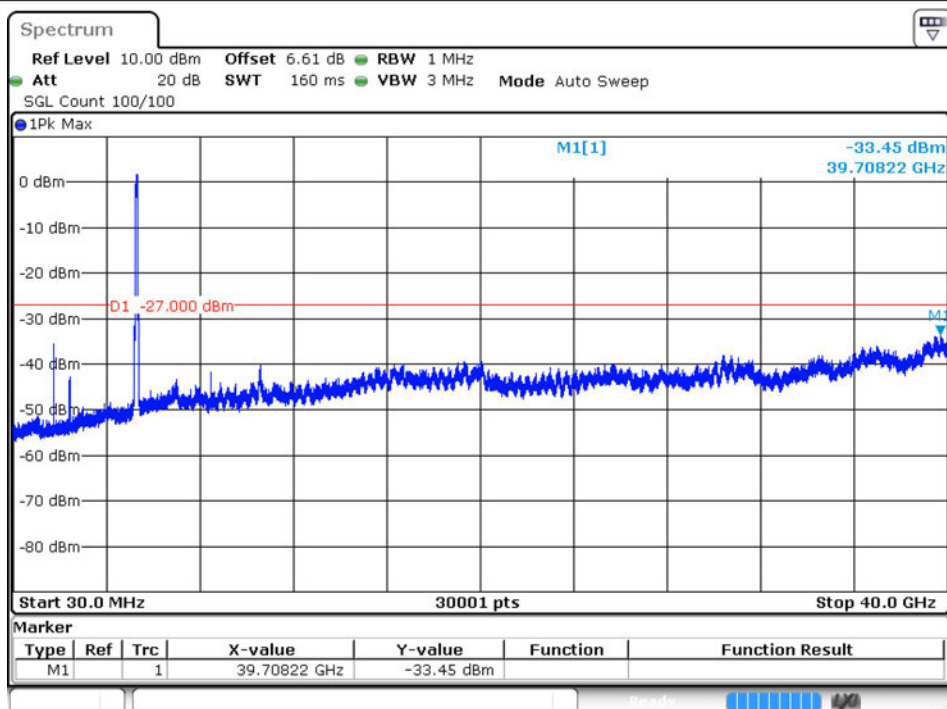
## Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



## Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



## Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



## 9.Restrict Band

| Mode      | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| 802.11a   | 5180            | Ant1    | 4500            | -43.95      | 2.01       | 53.29      | Peak     | 68.2           | Pass    |
| 802.11a   | 5180            | Ant1    | 4500            | -52.09      | 2.01       | 45.15      | Average  | 54             | Pass    |
| 802.11a   | 5180            | Ant1    | 5149.6          | -32.61      | 2.01       | 64.63      | Peak     | 68.2           | Pass    |
| 802.11a   | 5180            | Ant1    | 5149.6          | -46.43      | 2.01       | 50.81      | Average  | 54             | Pass    |
| 802.11a   | 5180            | Ant1    | 5150            | -34.15      | 2.01       | 63.09      | Peak     | 68.2           | Pass    |
| 802.11a   | 5180            | Ant1    | 5150            | -45.84      | 2.01       | 51.4       | Average  | 54             | Pass    |
| 802.11a   | 5240            | Ant1    | 5350            | -43.24      | 2.01       | 54         | Peak     | 68.2           | Pass    |
| 802.11a   | 5240            | Ant1    | 5350            | -51.28      | 2.01       | 45.96      | Average  | 54             | Pass    |
| 802.11a   | 5240            | Ant1    | 5388.72         | -39.19      | 2.01       | 58.05      | Peak     | 68.2           | Pass    |
| 802.11a   | 5240            | Ant1    | 5448            | -49.46      | 2.01       | 47.78      | Average  | 54             | Pass    |
| 802.11a   | 5240            | Ant1    | 5460            | -42.12      | 2.01       | 55.12      | Peak     | 68.2           | Pass    |
| 802.11a   | 5240            | Ant1    | 5460            | -51.12      | 2.01       | 46.12      | Average  | 54             | Pass    |
| 802.11a   | 5260            | Ant1    | 4500            | -42.48      | 2.01       | 54.76      | Peak     | 68.2           | Pass    |
| 802.11a   | 5260            | Ant1    | 4500            | -52.28      | 2.01       | 44.96      | Average  | 54             | Pass    |
| 802.11a   | 5260            | Ant1    | 4988.28         | -38.98      | 2.01       | 58.26      | Peak     | 68.2           | Pass    |
| 802.11a   | 5260            | Ant1    | 5027.28         | -49.84      | 2.01       | 47.4       | Average  | 54             | Pass    |
| 802.11a   | 5260            | Ant1    | 5150            | -42.38      | 2.01       | 54.86      | Peak     | 68.2           | Pass    |
| 802.11a   | 5260            | Ant1    | 5150            | -51.31      | 2.01       | 45.93      | Average  | 54             | Pass    |
| 802.11a   | 5320            | Ant1    | 5350            | -37.23      | 2.01       | 60.01      | Peak     | 68.2           | Pass    |
| 802.11a   | 5320            | Ant1    | 5350            | -48.51      | 2.01       | 48.73      | Average  | 54             | Pass    |
| 802.11a   | 5320            | Ant1    | 5350            | -37.23      | 2.01       | 60.01      | Peak     | 68.2           | Pass    |
| 802.11a   | 5320            | Ant1    | 5350            | -48.51      | 2.01       | 48.73      | Average  | 54             | Pass    |
| 802.11a   | 5320            | Ant1    | 5460            | -43.25      | 2.01       | 53.99      | Peak     | 68.2           | Pass    |
| 802.11a   | 5320            | Ant1    | 5460            | -51.41      | 2.01       | 45.83      | Average  | 54             | Pass    |
| 802.11n20 | 5180            | Ant1    | 4500            | -41.41      | 2.01       | 55.83      | Peak     | 68.2           | Pass    |
| 802.11n20 | 5180            | Ant1    | 4500            | -52.18      | 2.01       | 45.06      | Average  | 54             | Pass    |
| 802.11n20 | 5180            | Ant1    | 5149.6          | -30.7       | 2.01       | 66.54      | Peak     | 68.2           | Pass    |
| 802.11n20 | 5180            | Ant1    | 5149.6          | -45.7       | 2.01       | 51.54      | Average  | 54             | Pass    |
| 802.11n20 | 5180            | Ant1    | 5150            | -34.4       | 2.01       | 62.84      | Peak     | 68.2           | Pass    |
| 802.11n20 | 5180            | Ant1    | 5150            | -45.01      | 2.01       | 52.23      | Average  | 54             | Pass    |
| 802.11n20 | 5240            | Ant1    | 5350            | -43.69      | 2.01       | 53.55      | Peak     | 68.2           | Pass    |
| 802.11n20 | 5240            | Ant1    | 5350            | -51.61      | 2.01       | 45.63      | Average  | 54             | Pass    |
| 802.11n20 | 5240            | Ant1    | 5456.4          | -39.35      | 2.01       | 57.89      | Peak     | 68.2           | Pass    |
| 802.11n20 | 5240            | Ant1    | 5447.28         | -49.48      | 2.01       | 47.76      | Average  | 54             | Pass    |
| 802.11n20 | 5240            | Ant1    | 5460            | -41.36      | 2.01       | 55.88      | Peak     | 68.2           | Pass    |
| 802.11n20 | 5240            | Ant1    | 5460            | -51.05      | 2.01       | 46.19      | Average  | 54             | Pass    |
| 802.11n20 | 5260            | Ant1    | 4500            | -42.2       | 2.01       | 55.04      | Peak     | 68.2           | Pass    |
| 802.11n20 | 5260            | Ant1    | 4500            | -52.28      | 2.01       | 44.96      | Average  | 54             | Pass    |
| 802.11n20 | 5260            | Ant1    | 4837.74         | -39.03      | 2.01       | 58.21      | Peak     | 68.2           | Pass    |



|            |      |      |         |        |      |       |         |      |      |
|------------|------|------|---------|--------|------|-------|---------|------|------|
| 802.11n20  | 5260 | Ant1 | 5026.5  | -49.73 | 2.01 | 47.51 | Average | 54   | Pass |
| 802.11n20  | 5260 | Ant1 | 5150    | -42.52 | 2.01 | 54.72 | Peak    | 68.2 | Pass |
| 802.11n20  | 5260 | Ant1 | 5150    | -51.45 | 2.01 | 45.79 | Average | 54   | Pass |
| 802.11n20  | 5320 | Ant1 | 5350    | -33.87 | 2.01 | 63.37 | Peak    | 68.2 | Pass |
| 802.11n20  | 5320 | Ant1 | 5350    | -47.39 | 2.01 | 49.85 | Average | 54   | Pass |
| 802.11n20  | 5320 | Ant1 | 5350.6  | -32.8  | 2.01 | 64.44 | Peak    | 68.2 | Pass |
| 802.11n20  | 5320 | Ant1 | 5350.2  | -47.32 | 2.01 | 49.92 | Average | 54   | Pass |
| 802.11n20  | 5320 | Ant1 | 5460    | -43.79 | 2.01 | 53.45 | Peak    | 68.2 | Pass |
| 802.11n20  | 5320 | Ant1 | 5460    | -51.3  | 2.01 | 45.94 | Average | 54   | Pass |
| 802.11n40  | 5190 | Ant1 | 4500    | -41.44 | 2.01 | 55.8  | Peak    | 68.2 | Pass |
| 802.11n40  | 5190 | Ant1 | 4500    | -51.89 | 2.01 | 45.35 | Average | 54   | Pass |
| 802.11n40  | 5190 | Ant1 | 5145.32 | -30.9  | 2.01 | 66.34 | Peak    | 68.2 | Pass |
| 802.11n40  | 5190 | Ant1 | 5149.7  | -45.21 | 2.01 | 52.03 | Average | 54   | Pass |
| 802.11n40  | 5190 | Ant1 | 5150    | -33.29 | 2.01 | 63.95 | Peak    | 68.2 | Pass |
| 802.11n40  | 5190 | Ant1 | 5150    | -45.13 | 2.01 | 52.11 | Average | 54   | Pass |
| 802.11n40  | 5230 | Ant1 | 5350    | -42.69 | 2.01 | 54.55 | Peak    | 68.2 | Pass |
| 802.11n40  | 5230 | Ant1 | 5350    | -51.07 | 2.01 | 46.17 | Average | 54   | Pass |
| 802.11n40  | 5230 | Ant1 | 5447.04 | -39.64 | 2.01 | 57.6  | Peak    | 68.2 | Pass |
| 802.11n40  | 5230 | Ant1 | 5448.12 | -49.26 | 2.01 | 47.98 | Average | 54   | Pass |
| 802.11n40  | 5230 | Ant1 | 5460    | -41.91 | 2.01 | 55.33 | Peak    | 68.2 | Pass |
| 802.11n40  | 5230 | Ant1 | 5460    | -50.71 | 2.01 | 46.53 | Average | 54   | Pass |
| 802.11n40  | 5270 | Ant1 | 4500    | -41.49 | 2.01 | 55.75 | Peak    | 68.2 | Pass |
| 802.11n40  | 5270 | Ant1 | 4500    | -51.93 | 2.01 | 45.31 | Average | 54   | Pass |
| 802.11n40  | 5270 | Ant1 | 4931.73 | -38.98 | 2.01 | 58.26 | Peak    | 68.2 | Pass |
| 802.11n40  | 5270 | Ant1 | 4961.7  | -49.21 | 2.01 | 48.03 | Average | 54   | Pass |
| 802.11n40  | 5270 | Ant1 | 5150    | -42.02 | 2.01 | 55.22 | Peak    | 68.2 | Pass |
| 802.11n40  | 5270 | Ant1 | 5150    | -51.4  | 2.01 | 45.84 | Average | 54   | Pass |
| 802.11n40  | 5310 | Ant1 | 5350    | -36.29 | 2.01 | 60.95 | Peak    | 68.2 | Pass |
| 802.11n40  | 5310 | Ant1 | 5350    | -44.87 | 2.01 | 52.37 | Average | 54   | Pass |
| 802.11n40  | 5310 | Ant1 | 5352.2  | -34.36 | 2.01 | 62.88 | Peak    | 68.2 | Pass |
| 802.11n40  | 5310 | Ant1 | 5350.6  | -44.6  | 2.01 | 52.64 | Average | 54   | Pass |
| 802.11n40  | 5310 | Ant1 | 5460    | -41.56 | 2.01 | 55.68 | Peak    | 68.2 | Pass |
| 802.11n40  | 5310 | Ant1 | 5460    | -51.04 | 2.01 | 46.2  | Average | 54   | Pass |
| 802.11ac20 | 5180 | Ant1 | 4500    | -43.3  | 2.01 | 53.94 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5180 | Ant1 | 4500    | -52.18 | 2.01 | 45.06 | Average | 54   | Pass |
| 802.11ac20 | 5180 | Ant1 | 5145.4  | -34.88 | 2.01 | 62.36 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5180 | Ant1 | 5149.6  | -47.74 | 2.01 | 49.5  | Average | 54   | Pass |
| 802.11ac20 | 5180 | Ant1 | 5150    | -34.18 | 2.01 | 63.06 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5180 | Ant1 | 5150    | -47.22 | 2.01 | 50.02 | Average | 54   | Pass |
| 802.11ac20 | 5240 | Ant1 | 5350    | -40.17 | 2.01 | 57.07 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5240 | Ant1 | 5350    | -51.39 | 2.01 | 45.85 | Average | 54   | Pass |
| 802.11ac20 | 5240 | Ant1 | 5447.04 | -38.9  | 2.01 | 58.34 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5240 | Ant1 | 5446.8  | -49.6  | 2.01 | 47.64 | Average | 54   | Pass |



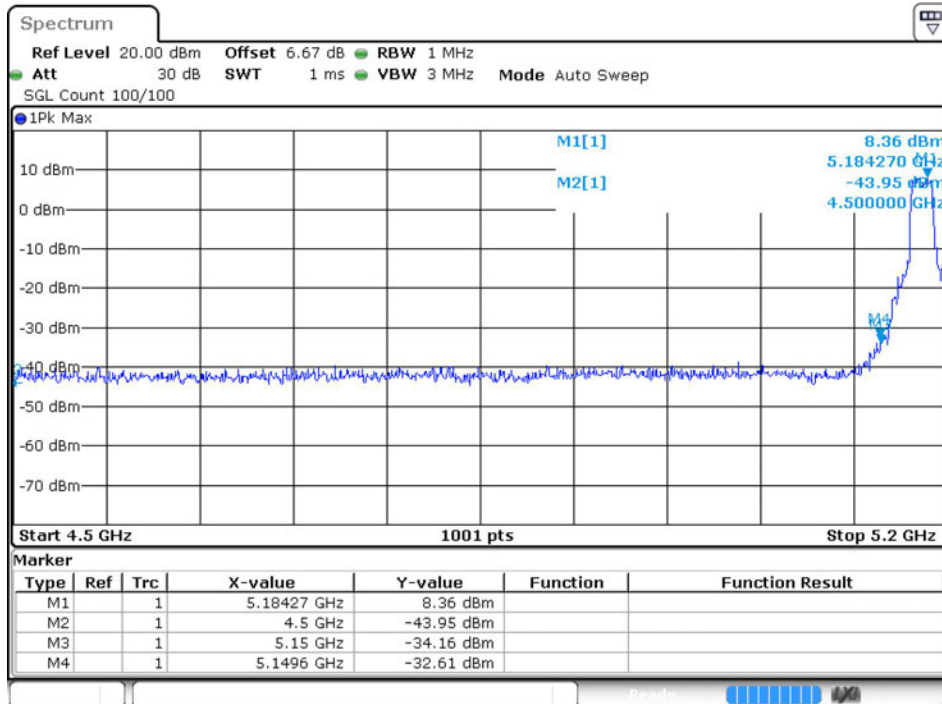
|            |      |      |         |        |      |       |         |      |      |
|------------|------|------|---------|--------|------|-------|---------|------|------|
| 802.11ac20 | 5240 | Ant1 | 5460    | -42.23 | 2.01 | 55.01 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5240 | Ant1 | 5460    | -50.85 | 2.01 | 46.39 | Average | 54   | Pass |
| 802.11ac20 | 5260 | Ant1 | 4500    | -42.55 | 2.01 | 54.69 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5260 | Ant1 | 4500    | -52.39 | 2.01 | 44.85 | Average | 54   | Pass |
| 802.11ac20 | 5260 | Ant1 | 4978.14 | -39.44 | 2.01 | 57.8  | Peak    | 68.2 | Pass |
| 802.11ac20 | 5260 | Ant1 | 5029.62 | -49.79 | 2.01 | 47.45 | Average | 54   | Pass |
| 802.11ac20 | 5260 | Ant1 | 5150    | -42.9  | 2.01 | 54.34 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5260 | Ant1 | 5150    | -51.46 | 2.01 | 45.78 | Average | 54   | Pass |
| 802.11ac20 | 5320 | Ant1 | 5350    | -32.69 | 2.01 | 64.55 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5320 | Ant1 | 5350    | -47.36 | 2.01 | 49.88 | Average | 54   | Pass |
| 802.11ac20 | 5320 | Ant1 | 5351.6  | -32.15 | 2.01 | 65.09 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5320 | Ant1 | 5350.4  | -47.22 | 2.01 | 50.02 | Average | 54   | Pass |
| 802.11ac20 | 5320 | Ant1 | 5460    | -44.2  | 2.01 | 53.04 | Peak    | 68.2 | Pass |
| 802.11ac20 | 5320 | Ant1 | 5460    | -51.25 | 2.01 | 45.99 | Average | 54   | Pass |
| 802.11ac40 | 5190 | Ant1 | 4500    | -42.58 | 2.01 | 54.66 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5190 | Ant1 | 4500    | -52.16 | 2.01 | 45.08 | Average | 54   | Pass |
| 802.11ac40 | 5190 | Ant1 | 5146.05 | -32.5  | 2.01 | 64.74 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5190 | Ant1 | 5149.7  | -47.37 | 2.01 | 49.87 | Average | 54   | Pass |
| 802.11ac40 | 5190 | Ant1 | 5150    | -35.32 | 2.01 | 61.92 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5190 | Ant1 | 5150    | -47.13 | 2.01 | 50.11 | Average | 54   | Pass |
| 802.11ac40 | 5230 | Ant1 | 5350    | -41.02 | 2.01 | 56.22 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5230 | Ant1 | 5350    | -51.5  | 2.01 | 45.74 | Average | 54   | Pass |
| 802.11ac40 | 5230 | Ant1 | 5455.95 | -38.95 | 2.01 | 58.29 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5230 | Ant1 | 5447.31 | -49.14 | 2.01 | 48.1  | Average | 54   | Pass |
| 802.11ac40 | 5230 | Ant1 | 5460    | -42.42 | 2.01 | 54.82 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5230 | Ant1 | 5460    | -50.81 | 2.01 | 46.43 | Average | 54   | Pass |
| 802.11ac40 | 5270 | Ant1 | 4500    | -42    | 2.01 | 55.24 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5270 | Ant1 | 4500    | -52.06 | 2.01 | 45.18 | Average | 54   | Pass |
| 802.11ac40 | 5270 | Ant1 | 5095.35 | -38.02 | 2.01 | 59.22 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5270 | Ant1 | 5032.17 | -49    | 2.01 | 48.24 | Average | 54   | Pass |
| 802.11ac40 | 5270 | Ant1 | 5150    | -41.61 | 2.01 | 55.63 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5270 | Ant1 | 5150    | -51.62 | 2.01 | 45.62 | Average | 54   | Pass |
| 802.11ac40 | 5310 | Ant1 | 5350    | -36.74 | 2.01 | 60.5  | Peak    | 68.2 | Pass |
| 802.11ac40 | 5310 | Ant1 | 5350    | -44.7  | 2.01 | 52.54 | Average | 54   | Pass |
| 802.11ac40 | 5310 | Ant1 | 5350.6  | -34.36 | 2.01 | 62.88 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5310 | Ant1 | 5351    | -44.2  | 2.01 | 53.04 | Average | 54   | Pass |
| 802.11ac40 | 5310 | Ant1 | 5460    | -43.29 | 2.01 | 53.95 | Peak    | 68.2 | Pass |
| 802.11ac40 | 5310 | Ant1 | 5460    | -51.27 | 2.01 | 45.97 | Average | 54   | Pass |
| 802.11ac80 | 5210 | Ant1 | 4500    | -42.63 | 2.01 | 54.61 | Peak    | 68.2 | Pass |
| 802.11ac80 | 5210 | Ant1 | 4500    | -52.92 | 2.01 | 44.32 | Average | 54   | Pass |
| 802.11ac80 | 5210 | Ant1 | 5117.78 | -37.39 | 2.01 | 59.85 | Peak    | 68.2 | Pass |
| 802.11ac80 | 5210 | Ant1 | 4966.1  | -50.16 | 2.01 | 47.08 | Average | 54   | Pass |
| 802.11ac80 | 5210 | Ant1 | 5150    | -38.61 | 2.01 | 58.63 | Peak    | 68.2 | Pass |



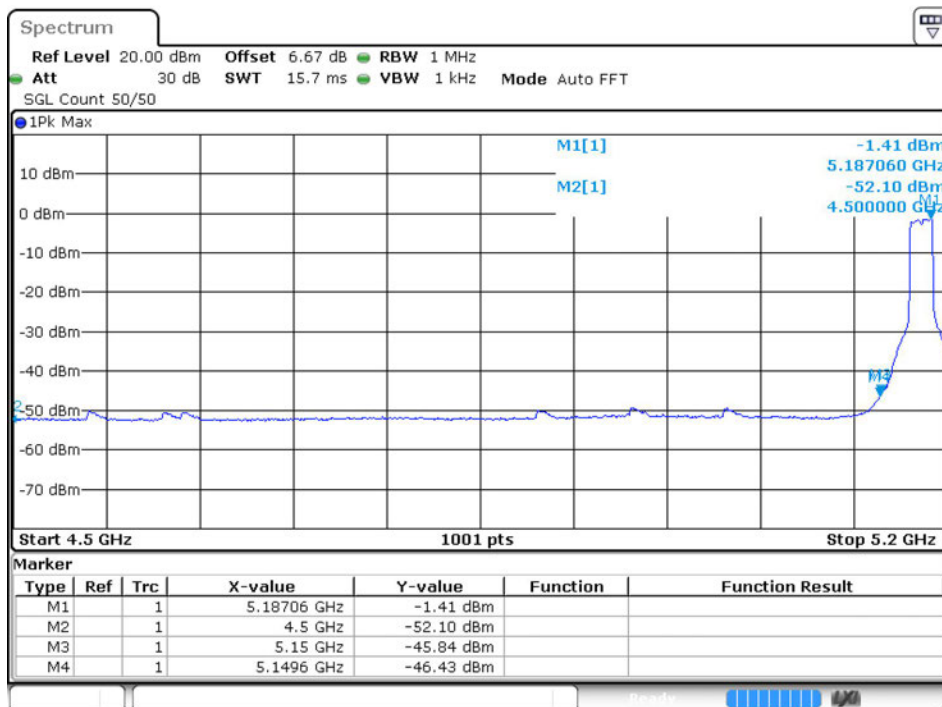
|            |      |      |         |        |      |       |         |      |      |
|------------|------|------|---------|--------|------|-------|---------|------|------|
| 802.11ac80 | 5210 | Ant1 | 5150    | -50.34 | 2.01 | 46.9  | Average | 54   | Pass |
| 802.11ac80 | 5290 | Ant1 | 0       | -42.3  | 2.01 | 54.94 | Peak    | 68.2 | Pass |
| 802.11ac80 | 5290 | Ant1 | 0       | -51.76 | 2.01 | 45.48 | Average | 54   | Pass |
| 802.11ac80 | 5290 | Ant1 | 4964.58 | -38.48 | 2.01 | 58.76 | Peak    | 68.2 | Pass |
| 802.11ac80 | 5290 | Ant1 | 4964.58 | -48.66 | 2.01 | 48.58 | Average | 54   | Pass |
| 802.11ac80 | 5290 | Ant1 | 5150    | -43    | 2.01 | 54.24 | Peak    | 68.2 | Pass |
| 802.11ac80 | 5290 | Ant1 | 5150    | -50.78 | 2.01 | 46.46 | Average | 54   | Pass |

## Test Graphs

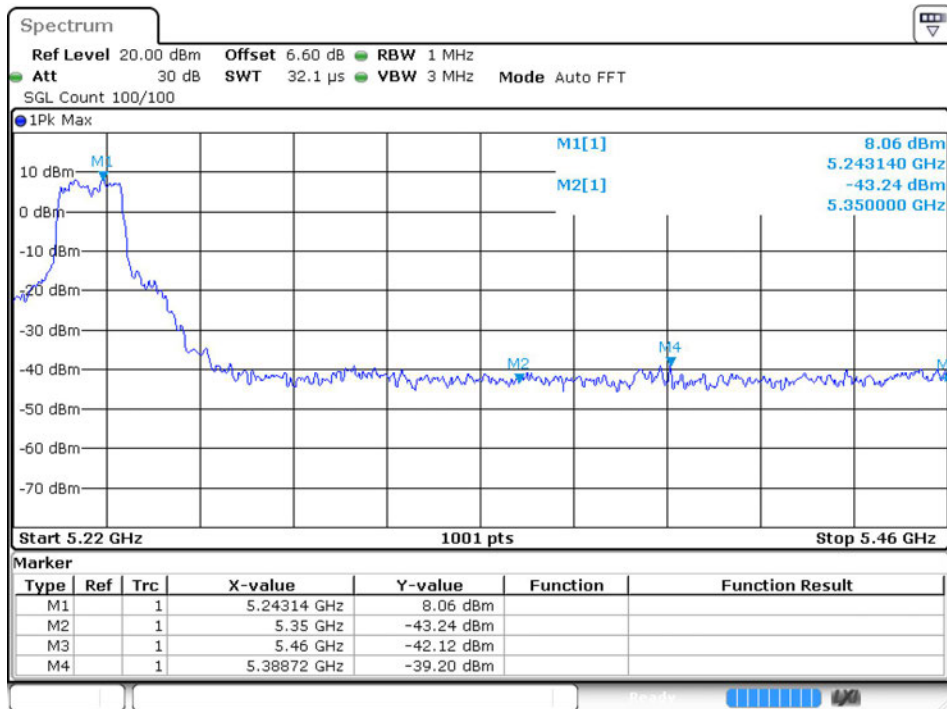
## Restrict Band NVNT a 5180MHz Ant1 Peak



## Restrict Band NVNT a 5180MHz Ant1 Average



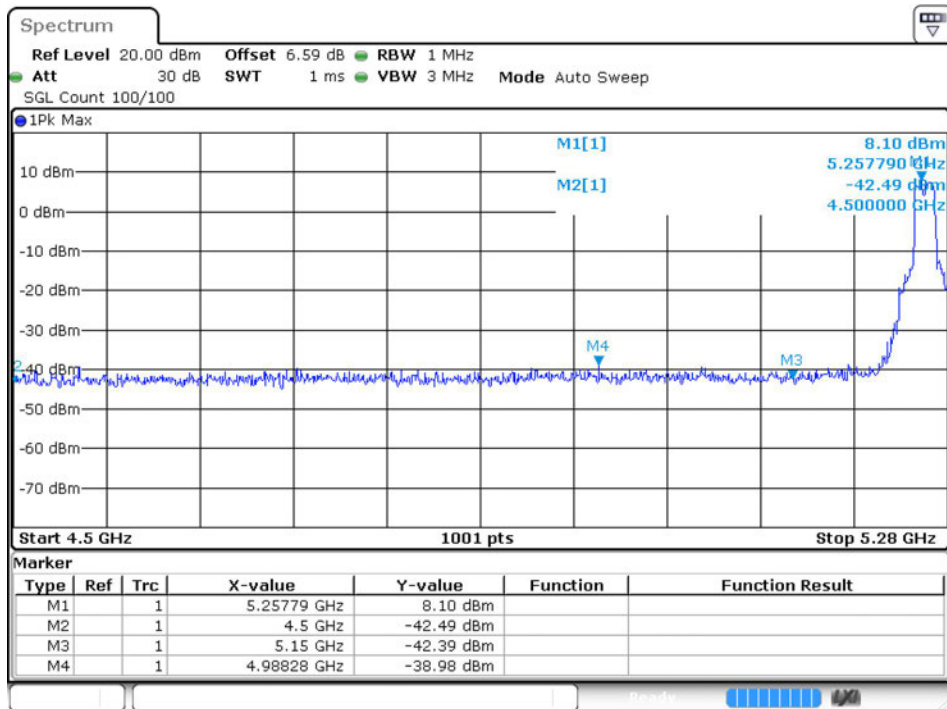
## Restrict Band NVNT a 5240MHz Ant1 Peak



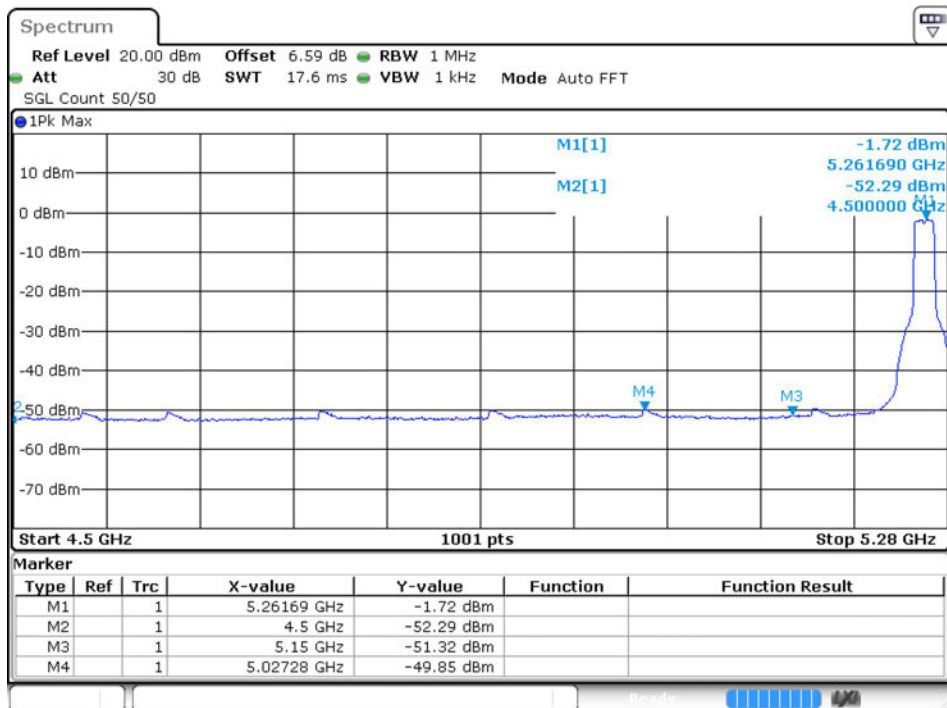
## Restrict Band NVNT a 5240MHz Ant1 Average



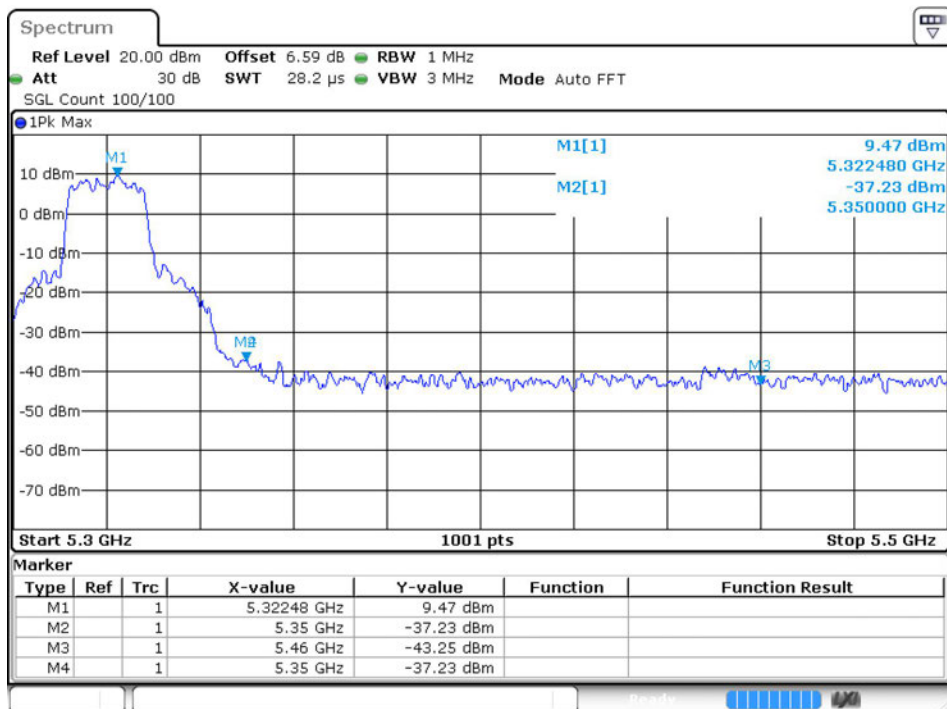
## Restrict Band NVNT a 5260MHz Ant1 Peak



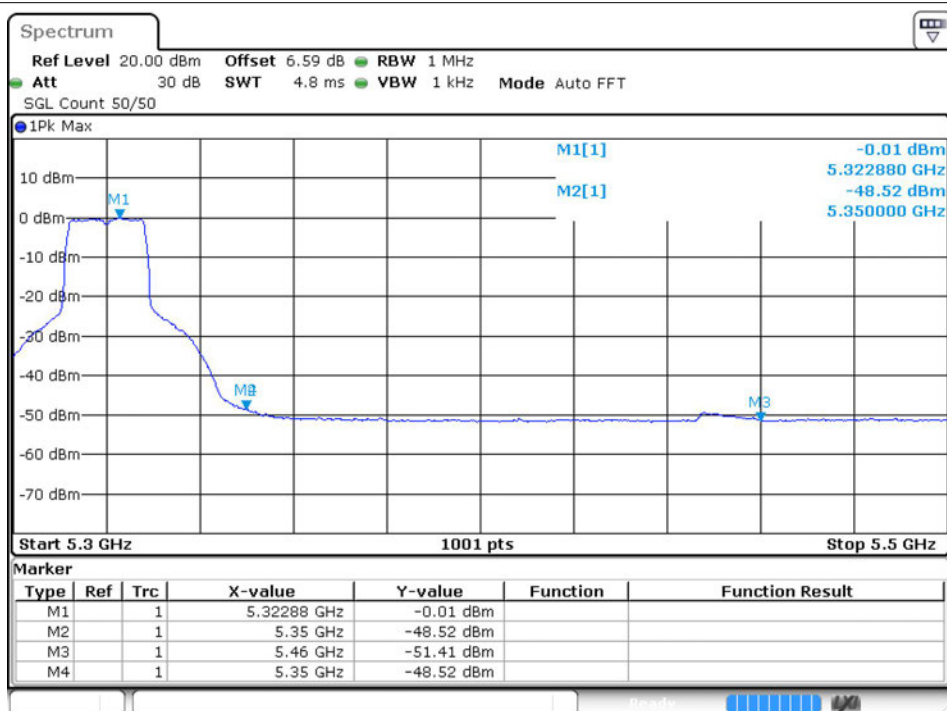
## Restrict Band NVNT a 5260MHz Ant1 Average



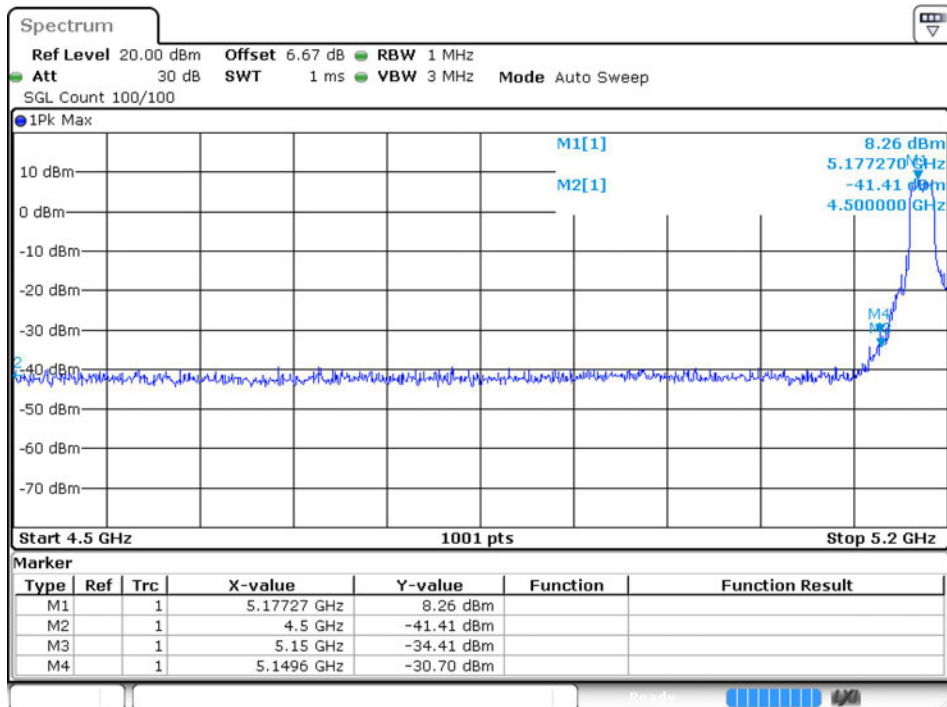
## Restrict Band NVNT a 5320MHz Ant1 Peak



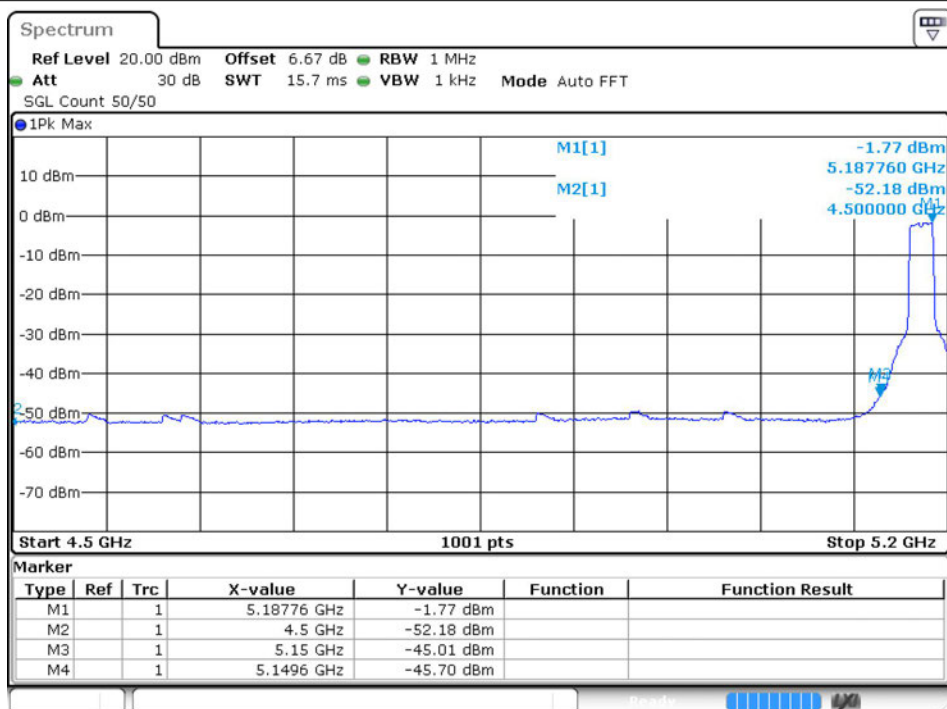
## Restrict Band NVNT a 5320MHz Ant1 Average



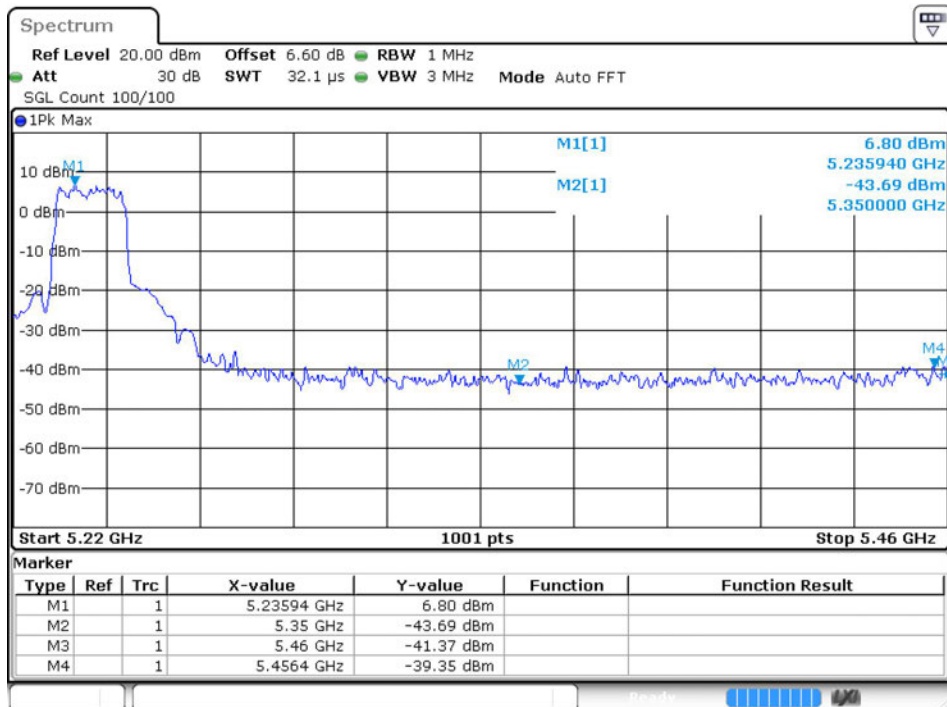
## Restrict Band NVNT n20 5180MHz Ant1 Peak



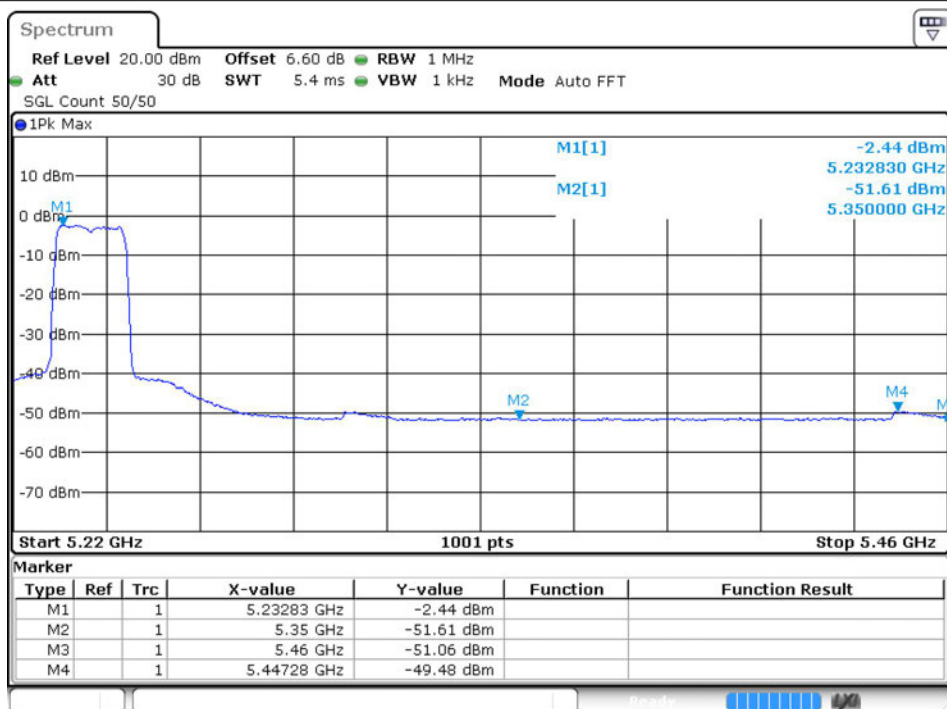
## Restrict Band NVNT n20 5180MHz Ant1 Average



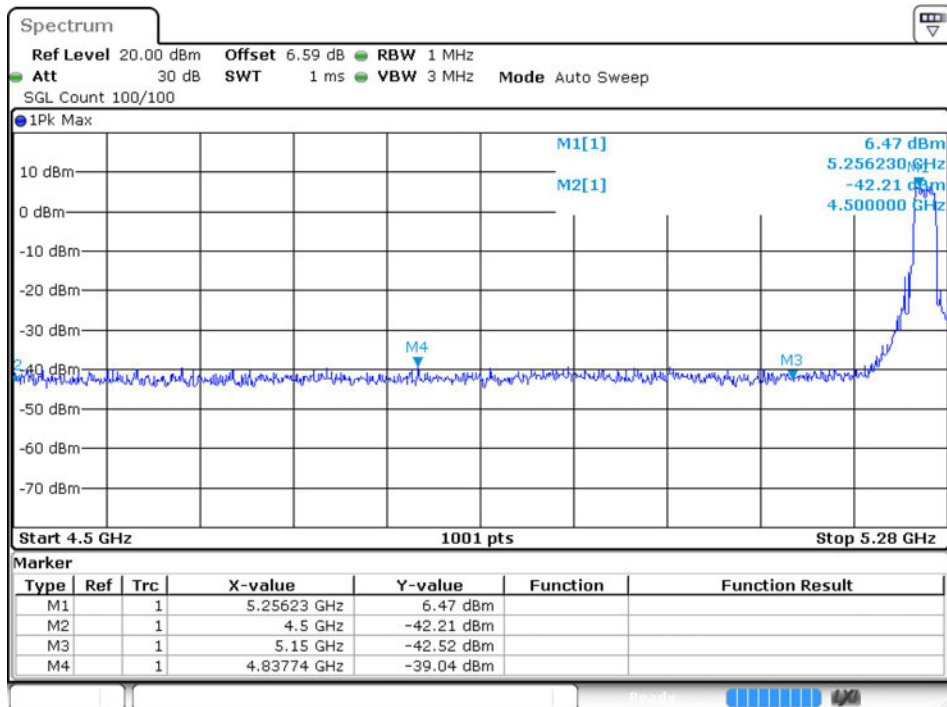
## Restrict Band NVNT n20 5240MHz Ant1 Peak



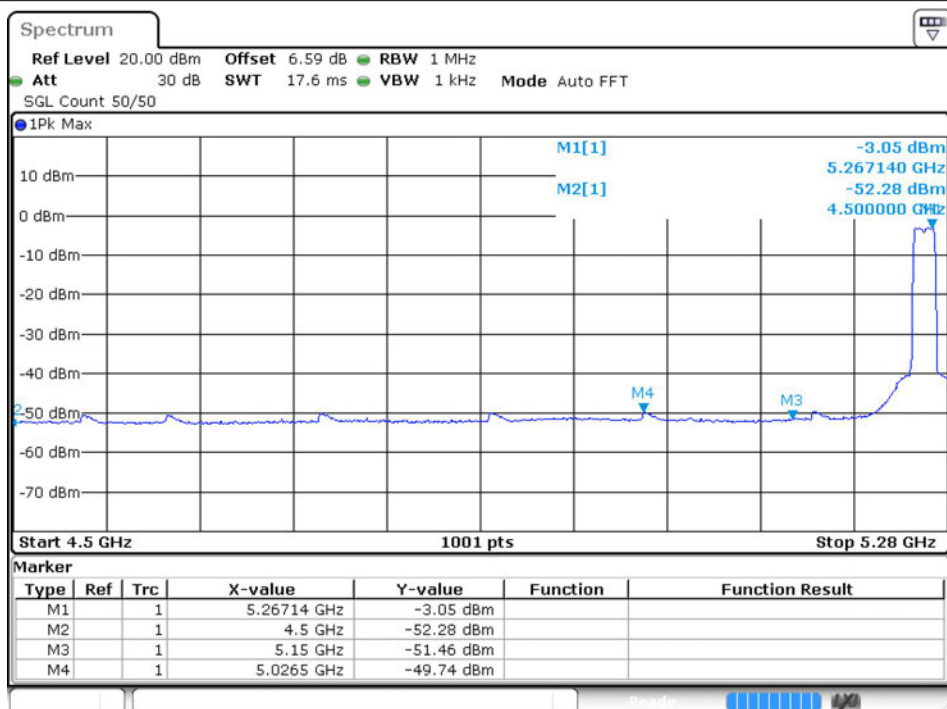
## Restrict Band NVNT n20 5240MHz Ant1 Average



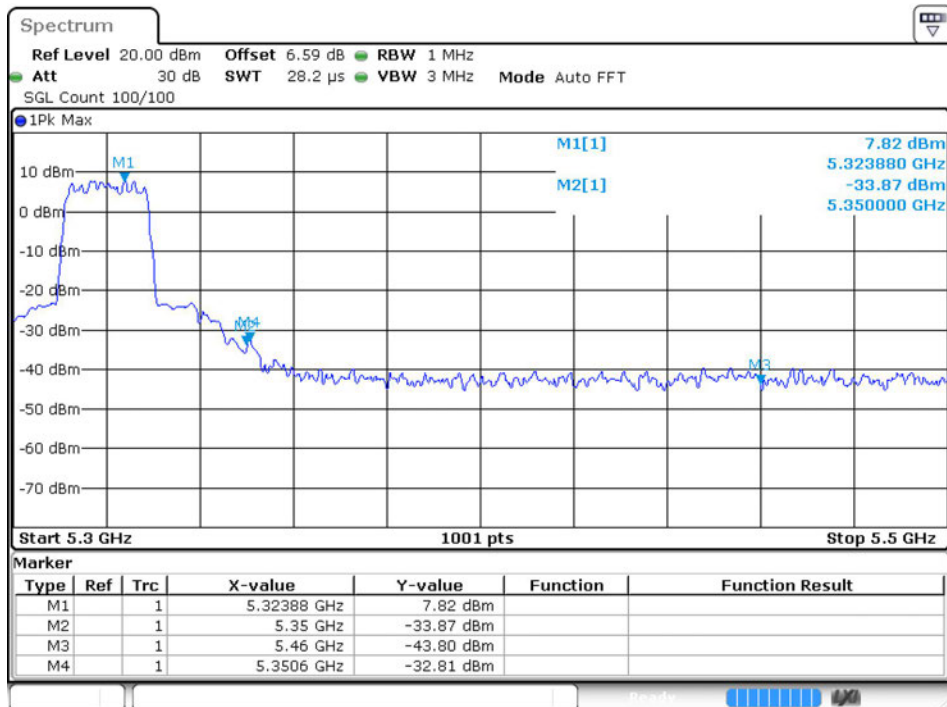
## Restrict Band NVNT n20 5260MHz Ant1 Peak



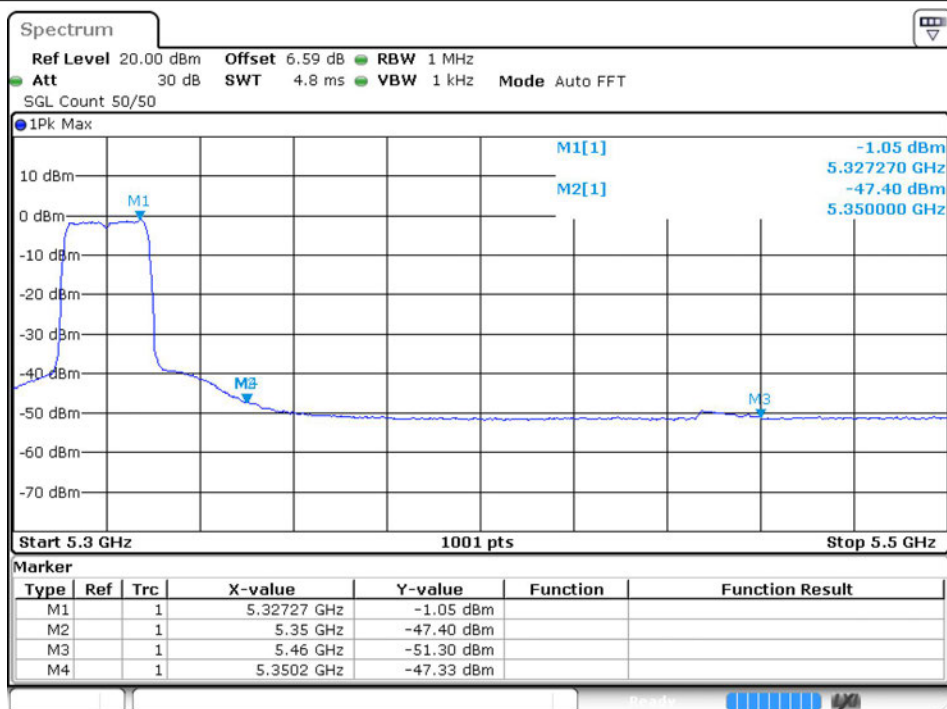
## Restrict Band NVNT n20 5260MHz Ant1 Average



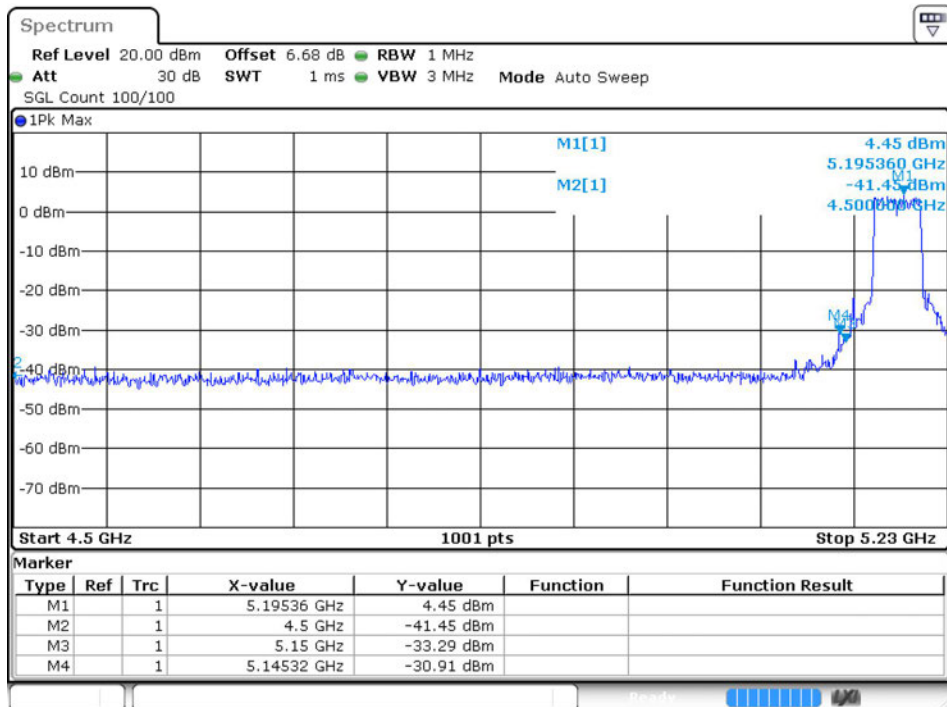
## Restrict Band NVNT n20 5320MHz Ant1 Peak



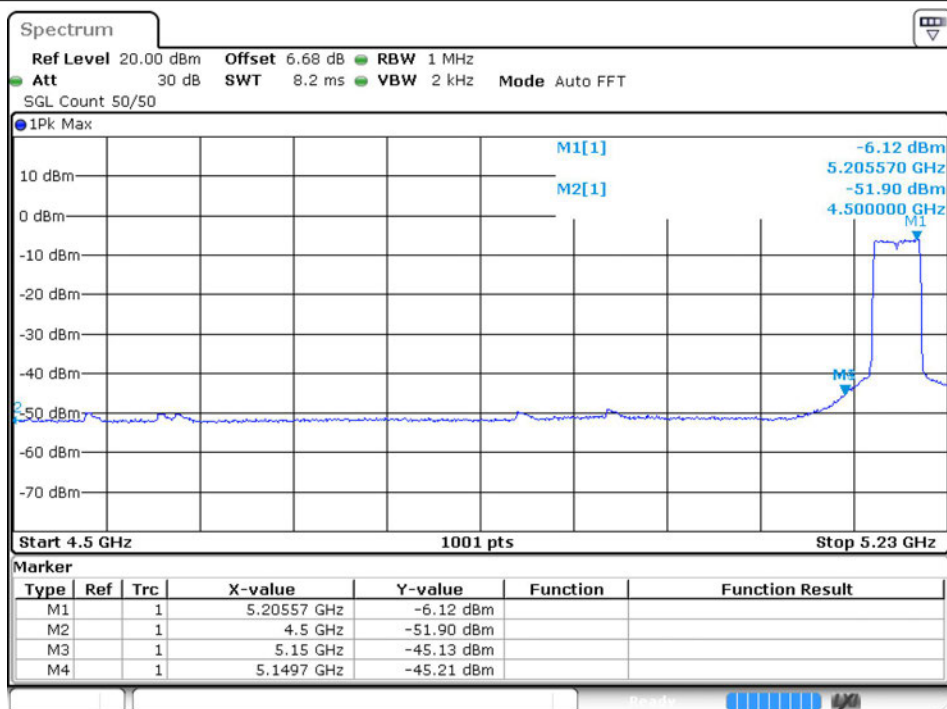
## Restrict Band NVNT n20 5320MHz Ant1 Average



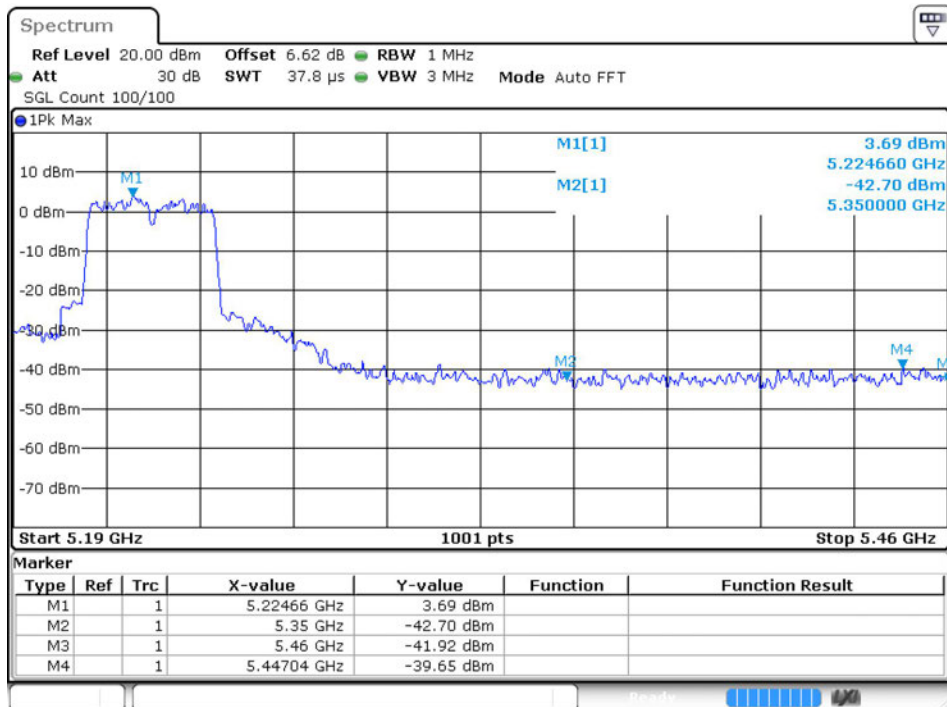
## Restrict Band NVNT n40 5190MHz Ant1 Peak



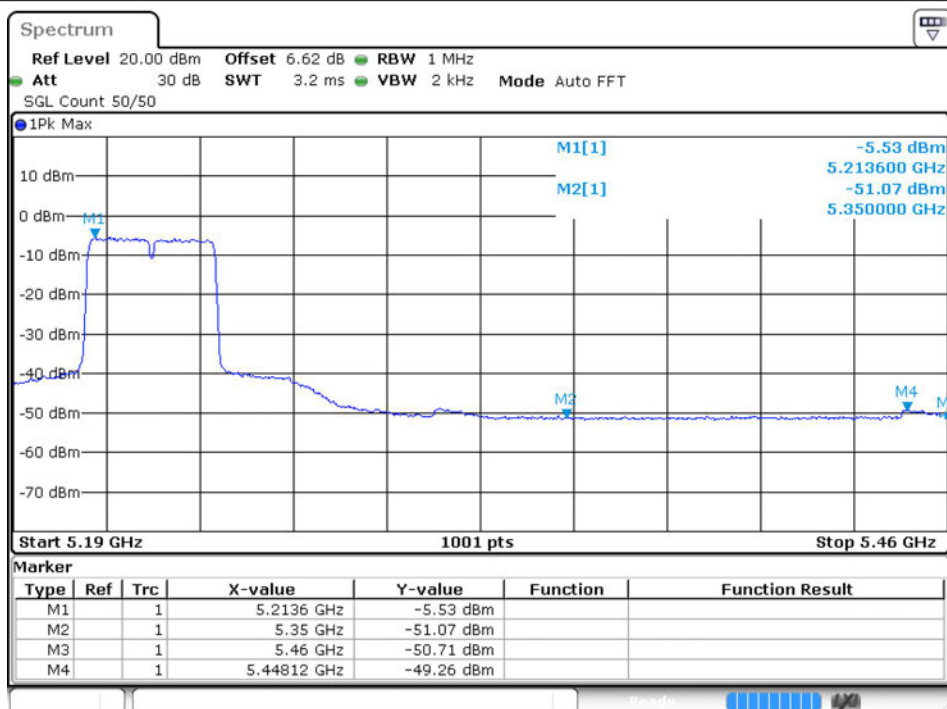
## Restrict Band NVNT n40 5190MHz Ant1 Average



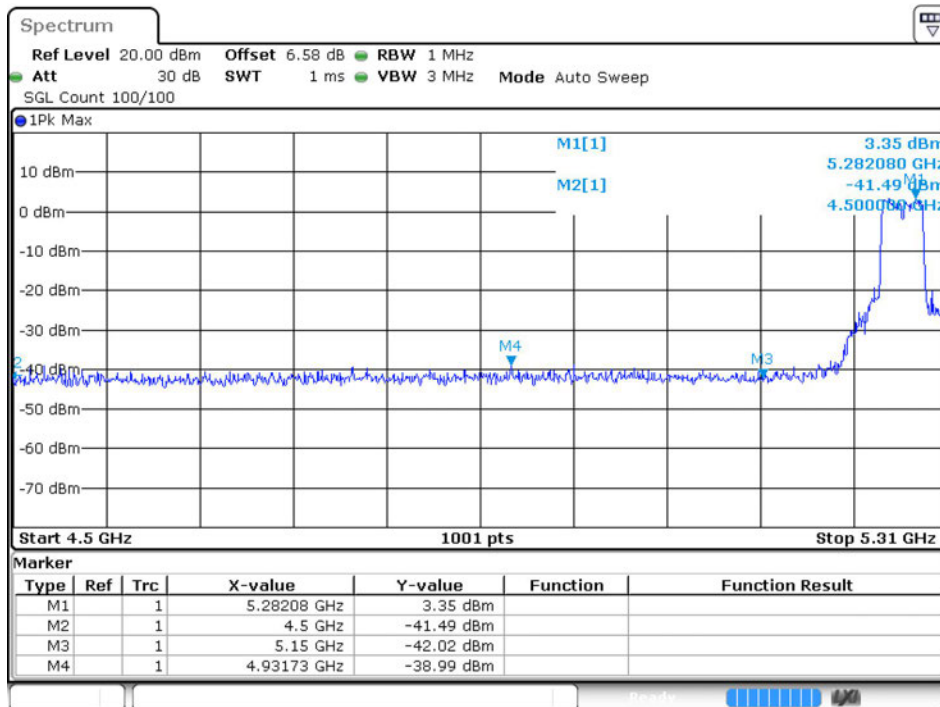
## Restrict Band NVNT n40 5230MHz Ant1 Peak



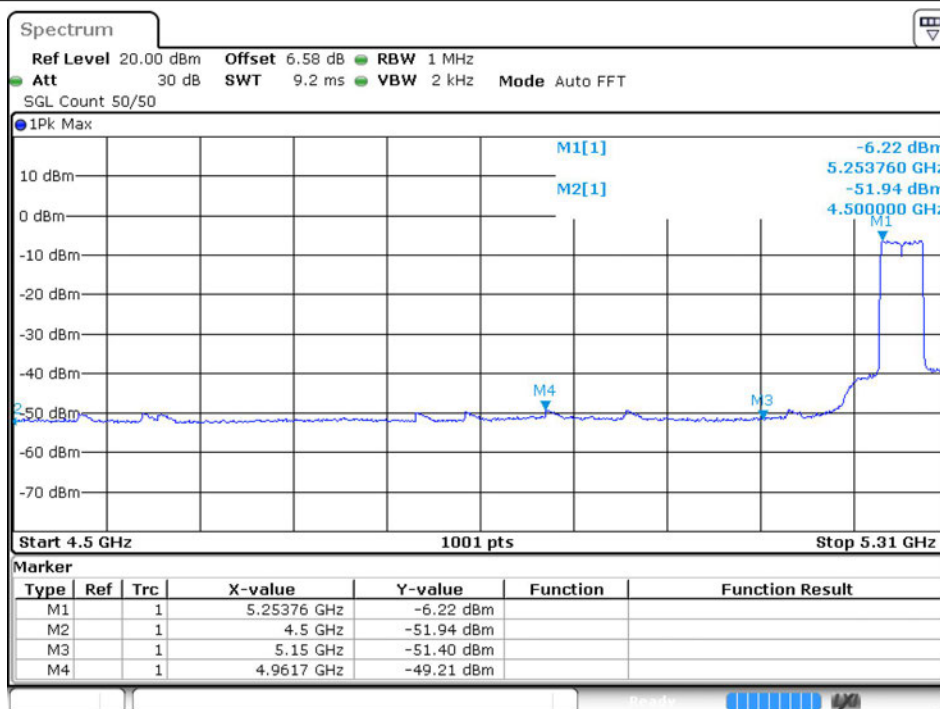
## Restrict Band NVNT n40 5230MHz Ant1 Average



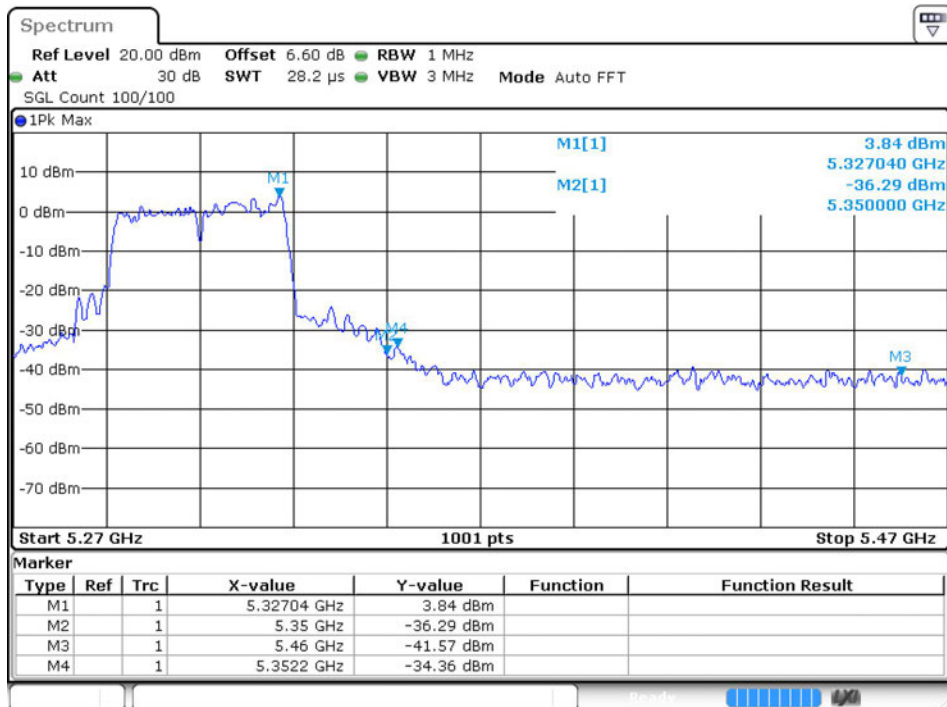
## Restrict Band NVNT n40 5270MHz Ant1 Peak



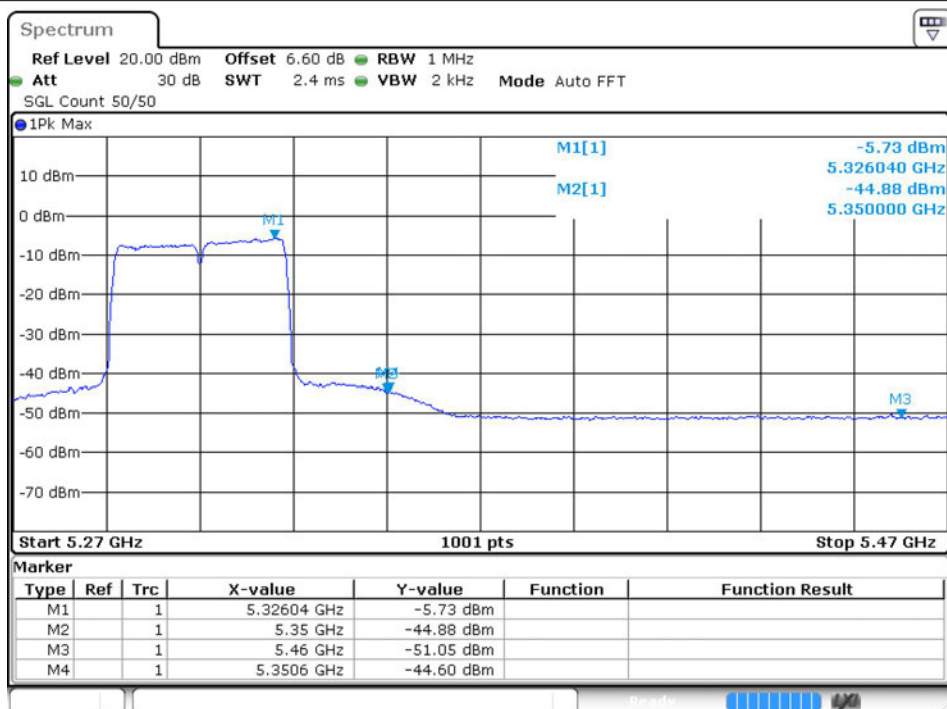
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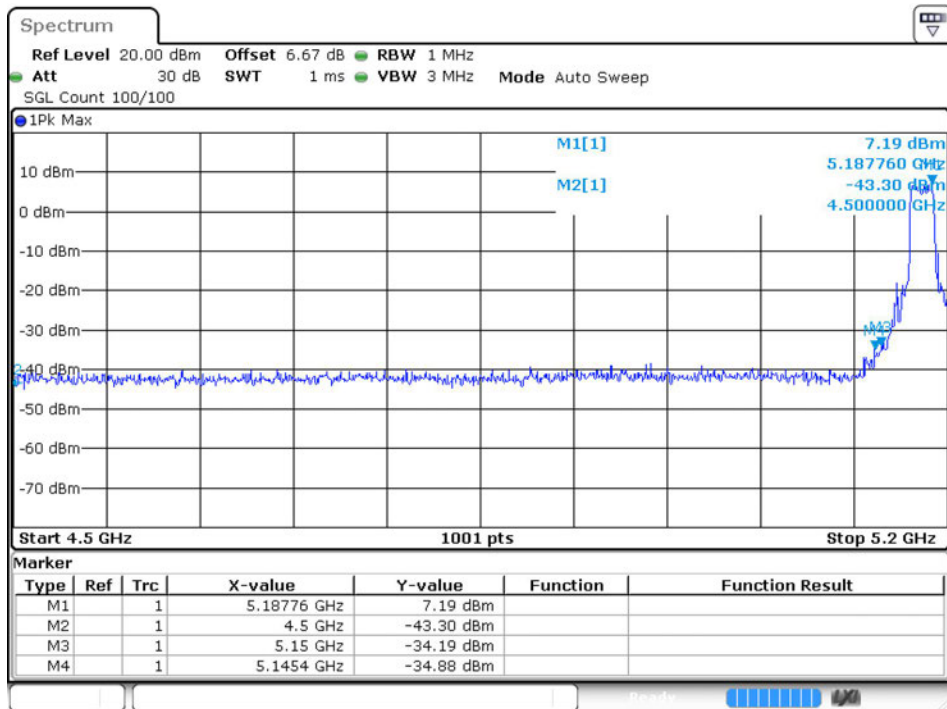
## Restrict Band NVNT n40 5310MHz Ant1 Peak



## Restrict Band NVNT n40 5310MHz Ant1 Average



## Restrict Band NVNT ac20 5180MHz Ant1 Peak



## Restrict Band NVNT ac20 5180MHz Ant1 Average

