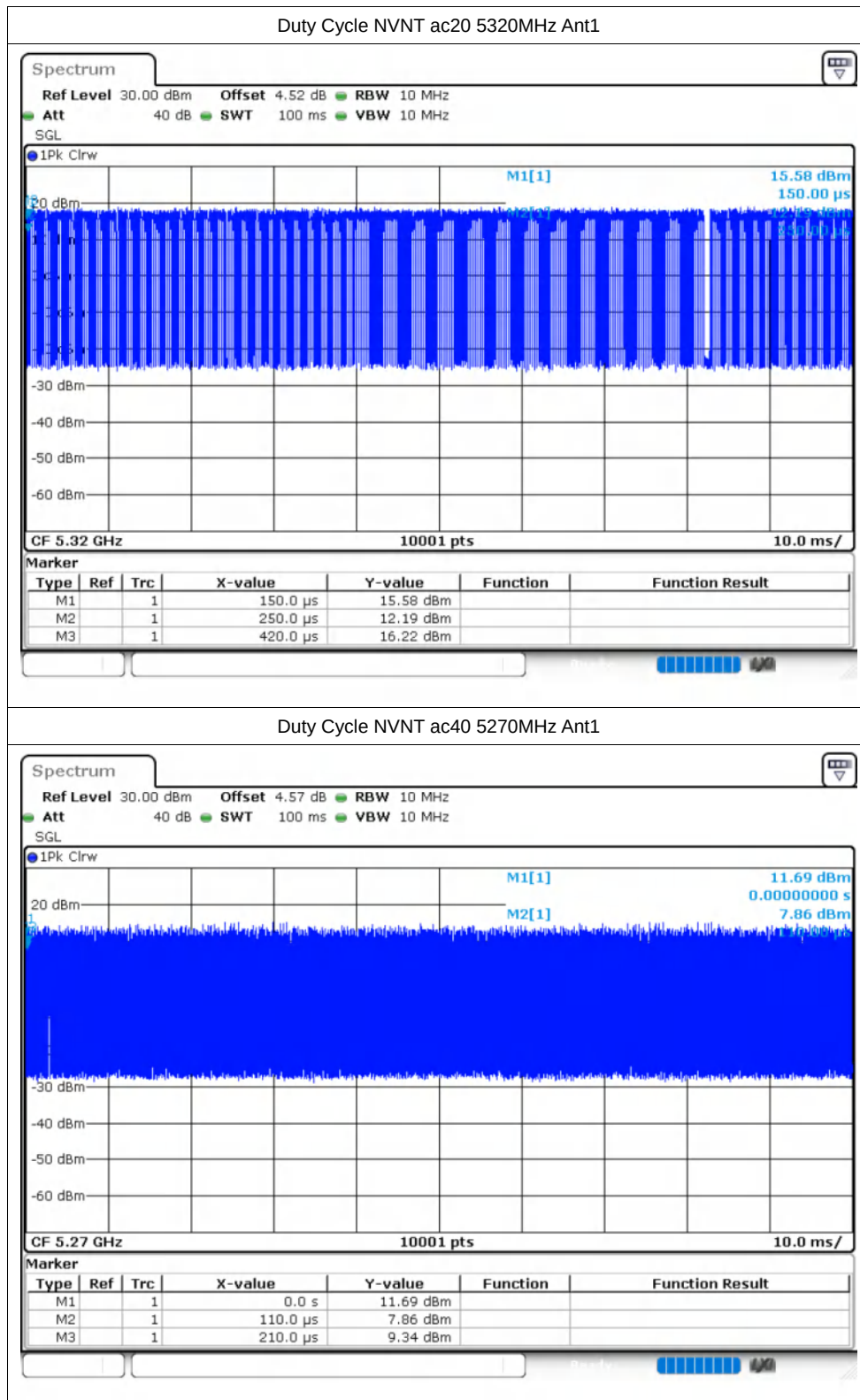
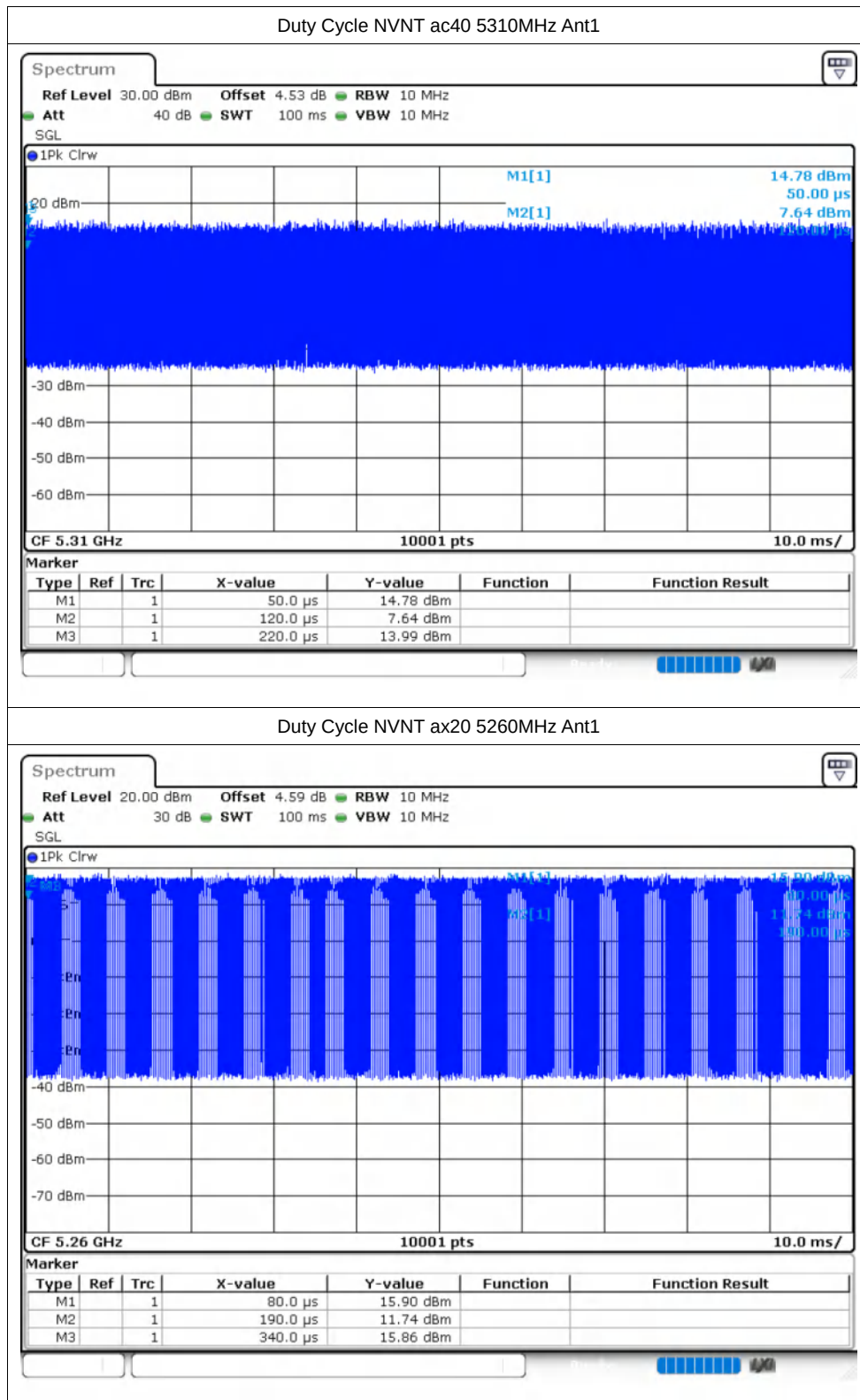
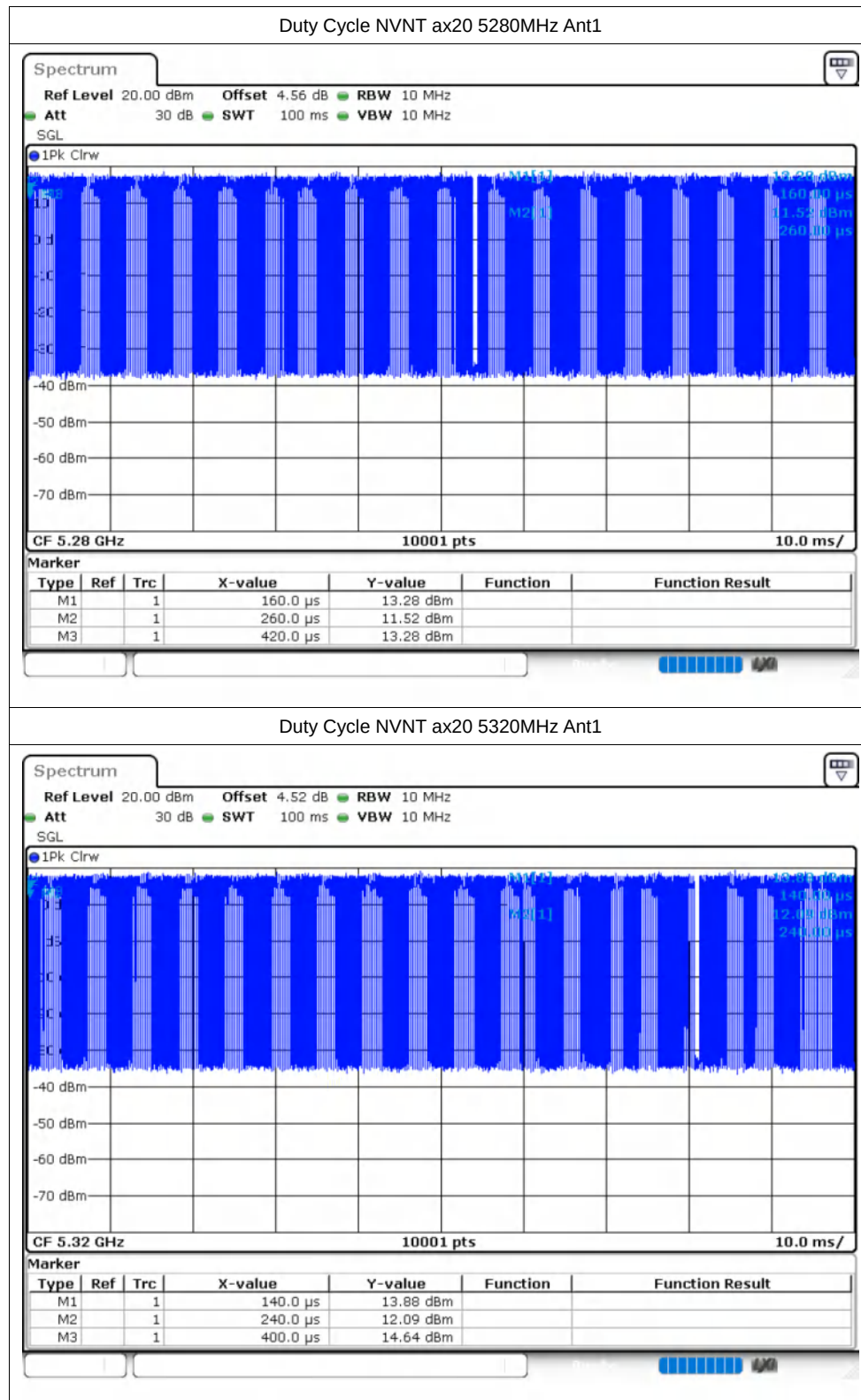
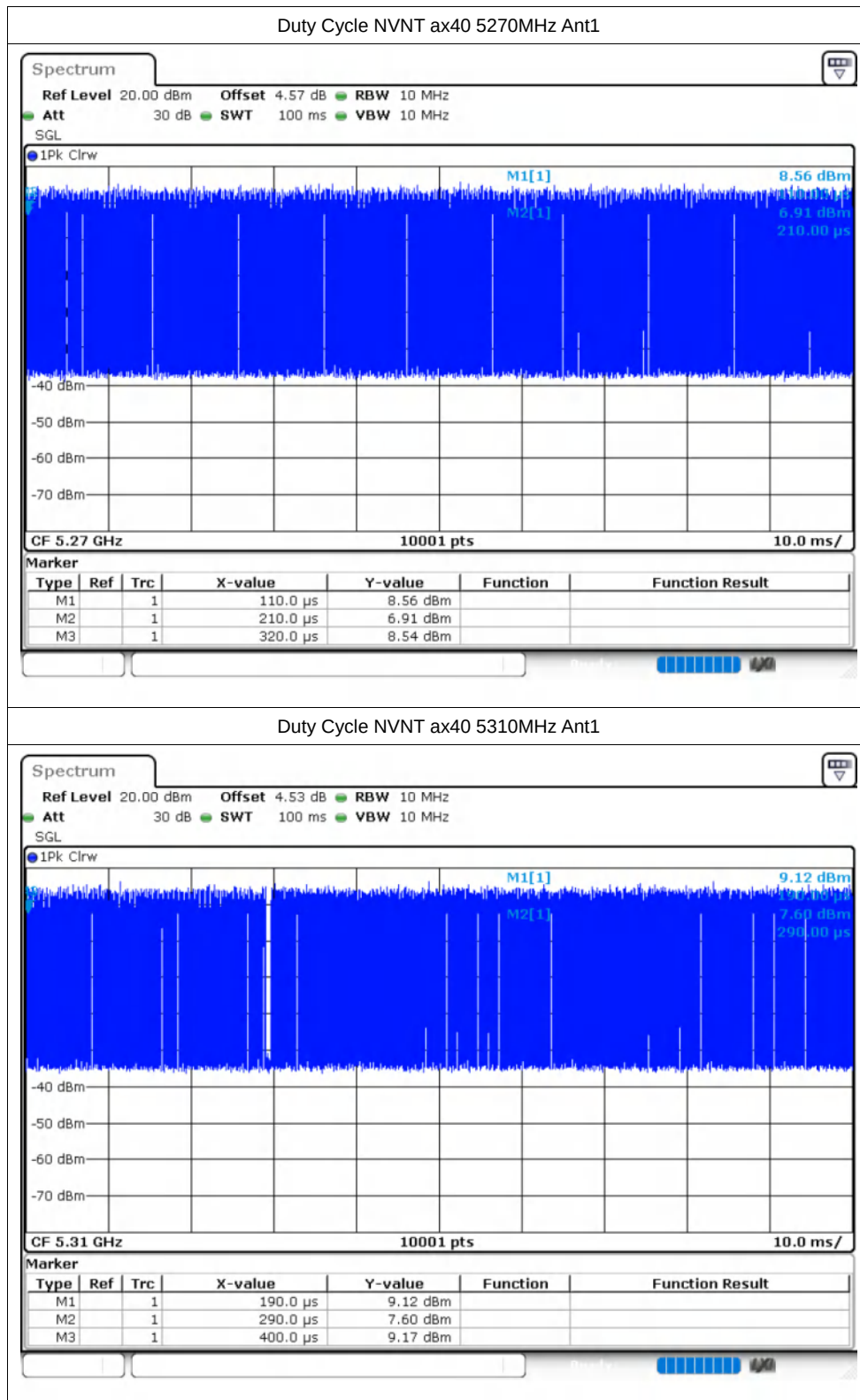










## Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted AVG Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|------------------------------|----------------|---------|
| NVNT      | a    | 5260               | Ant1    | 11.21                        | 24             | Pass    |
| NVNT      | a    | 5280               | Ant1    | 12.05                        | 24             | Pass    |
| NVNT      | a    | 5320               | Ant1    | 12.87                        | 24             | Pass    |
| NVNT      | n20  | 5260               | Ant1    | 11.64                        | 24             | Pass    |
| NVNT      | n20  | 5280               | Ant1    | 11.92                        | 24             | Pass    |
| NVNT      | n20  | 5320               | Ant1    | 12.73                        | 24             | Pass    |
| NVNT      | n40  | 5270               | Ant1    | 10.52                        | 24             | Pass    |
| NVNT      | n40  | 5310               | Ant1    | 11.25                        | 24             | Pass    |
| NVNT      | ac20 | 5260               | Ant1    | 12                           | 24             | Pass    |
| NVNT      | ac20 | 5280               | Ant1    | 11.85                        | 24             | Pass    |
| NVNT      | ac20 | 5320               | Ant1    | 12.76                        | 24             | Pass    |
| NVNT      | ac40 | 5270               | Ant1    | 10.6                         | 24             | Pass    |
| NVNT      | ac40 | 5310               | Ant1    | 10.29                        | 24             | Pass    |
| NVNT      | ax20 | 5260               | Ant1    | 11.32                        | 24             | Pass    |
| NVNT      | ax20 | 5280               | Ant1    | 11.77                        | 24             | Pass    |
| NVNT      | ax20 | 5320               | Ant1    | 11.79                        | 24             | Pass    |
| NVNT      | ax40 | 5270               | Ant1    | 10.31                        | 24             | Pass    |
| NVNT      | ax40 | 5310               | Ant1    | 11.28                        | 24             | Pass    |

Note:

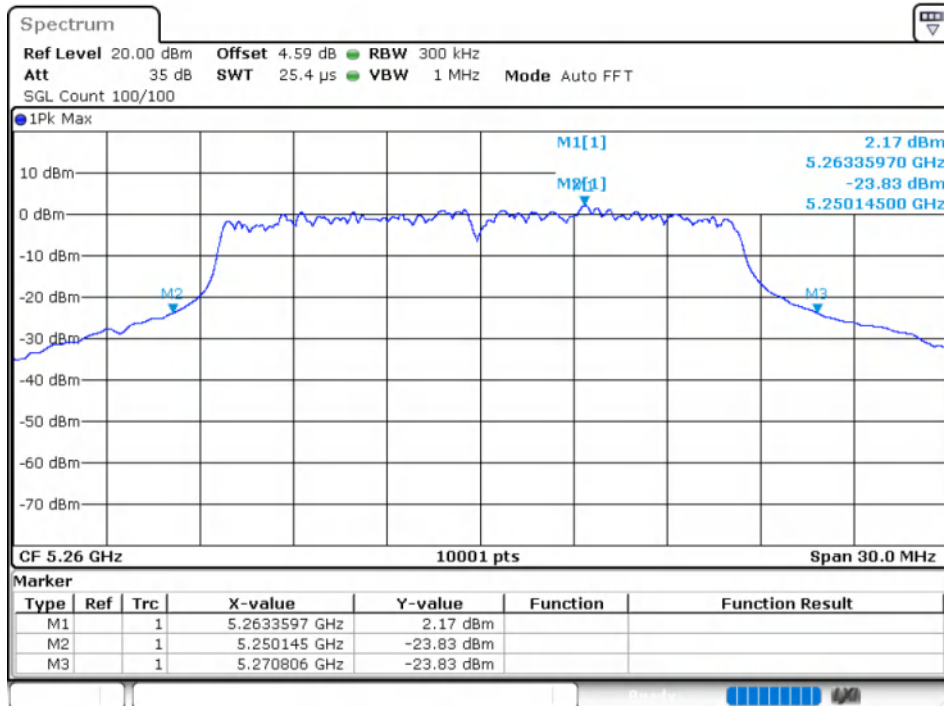
1. The conducted average power contains duty cycle factor.
2. The limit is based on the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz.

## -26dB Bandwidth

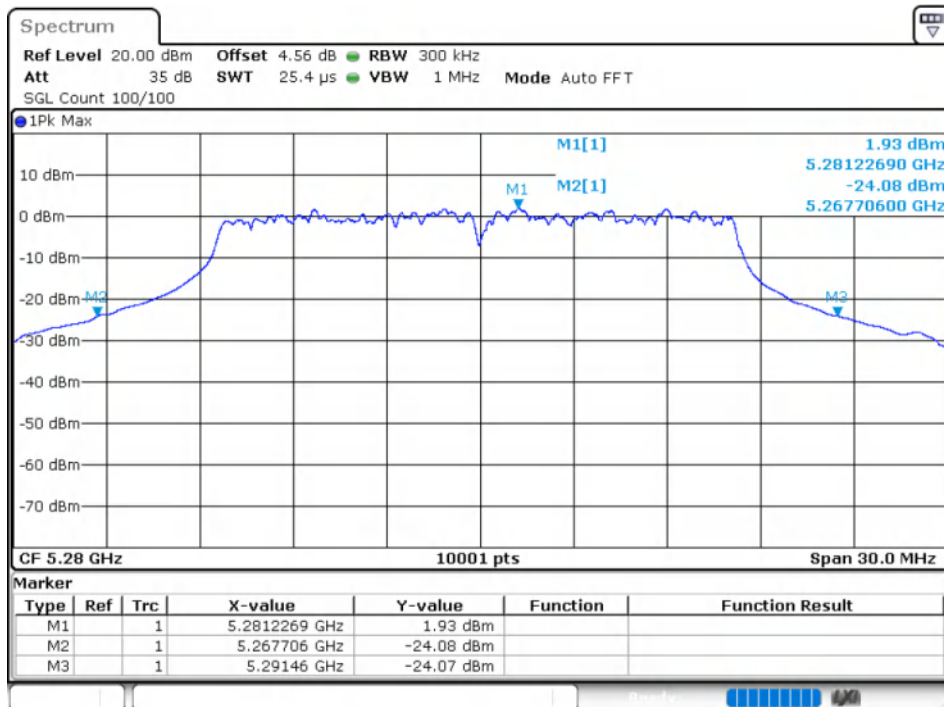
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) |
|-----------|------|-----------------|---------|------------------------|
| NVNT      | a    | 5260            | Ant1    | 20.661                 |
| NVNT      | a    | 5280            | Ant1    | 23.754                 |
| NVNT      | a    | 5320            | Ant1    | 21.519                 |
| NVNT      | n20  | 5260            | Ant1    | 23.436                 |
| NVNT      | n20  | 5280            | Ant1    | 23.982                 |
| NVNT      | n20  | 5320            | Ant1    | 23.259                 |
| NVNT      | n40  | 5270            | Ant1    | 44.748                 |
| NVNT      | n40  | 5310            | Ant1    | 44.676                 |
| NVNT      | ac20 | 5260            | Ant1    | 24.942                 |
| NVNT      | ac20 | 5280            | Ant1    | 24.255                 |
| NVNT      | ac20 | 5320            | Ant1    | 24.645                 |
| NVNT      | ac40 | 5270            | Ant1    | 44.268                 |
| NVNT      | ac40 | 5310            | Ant1    | 44.706                 |
| NVNT      | ax20 | 5260            | Ant1    | 26.982                 |
| NVNT      | ax20 | 5280            | Ant1    | 26.871                 |
| NVNT      | ax20 | 5320            | Ant1    | 26.94                  |
| NVNT      | ax40 | 5270            | Ant1    | 45.258                 |
| NVNT      | ax40 | 5310            | Ant1    | 44.664                 |

# Test Graphs

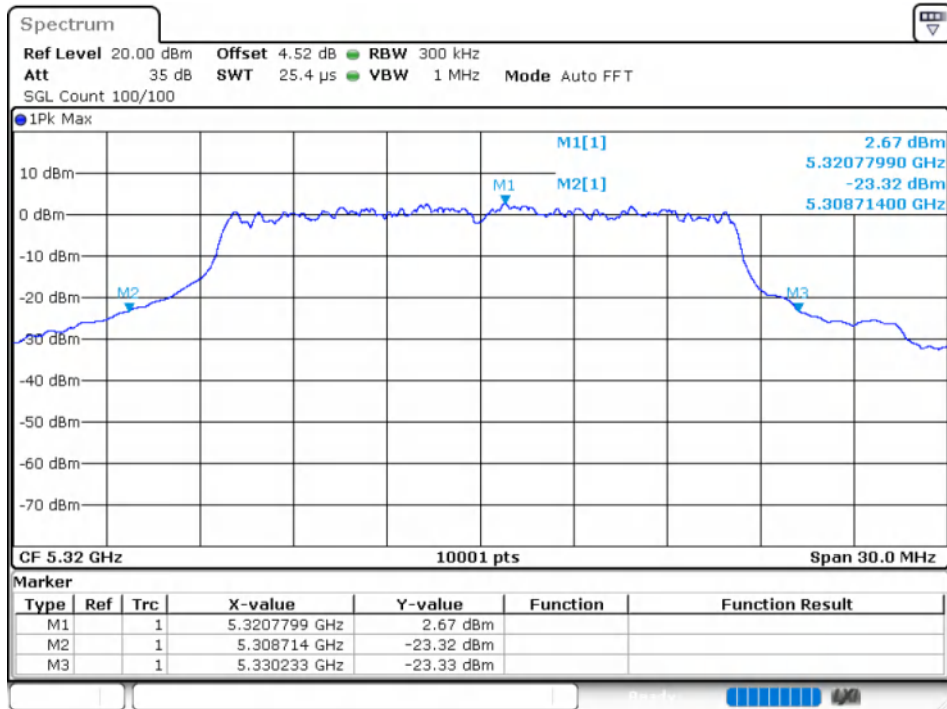
## -26dB Bandwidth NVNT a 5260MHz Ant1



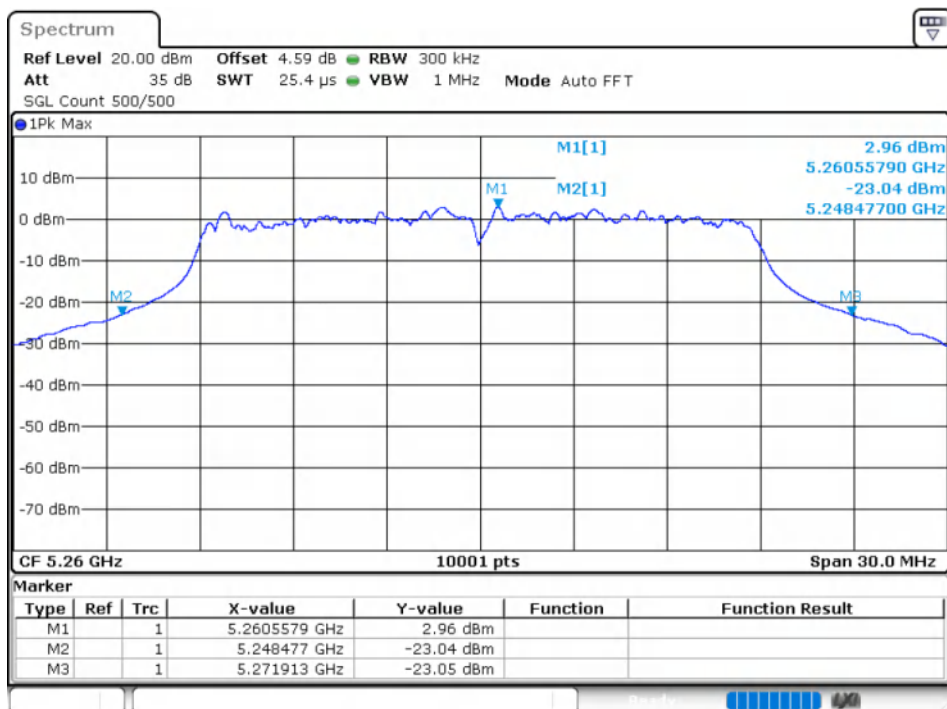
## -26dB Bandwidth NVNT a 5280MHz Ant1



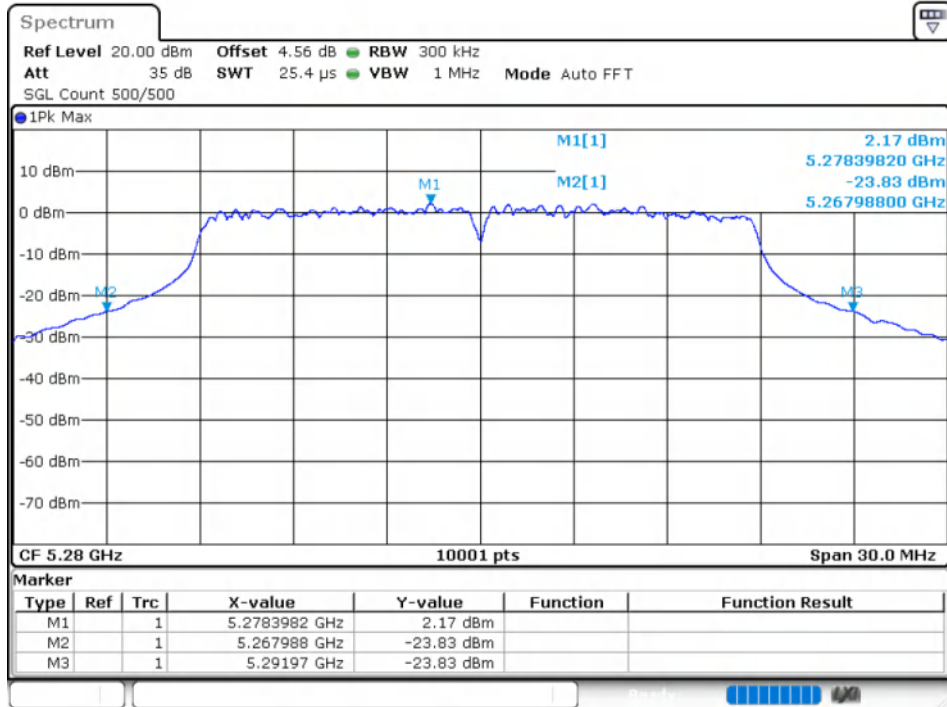
-26dB Bandwidth NVNT a 5320MHz Ant1



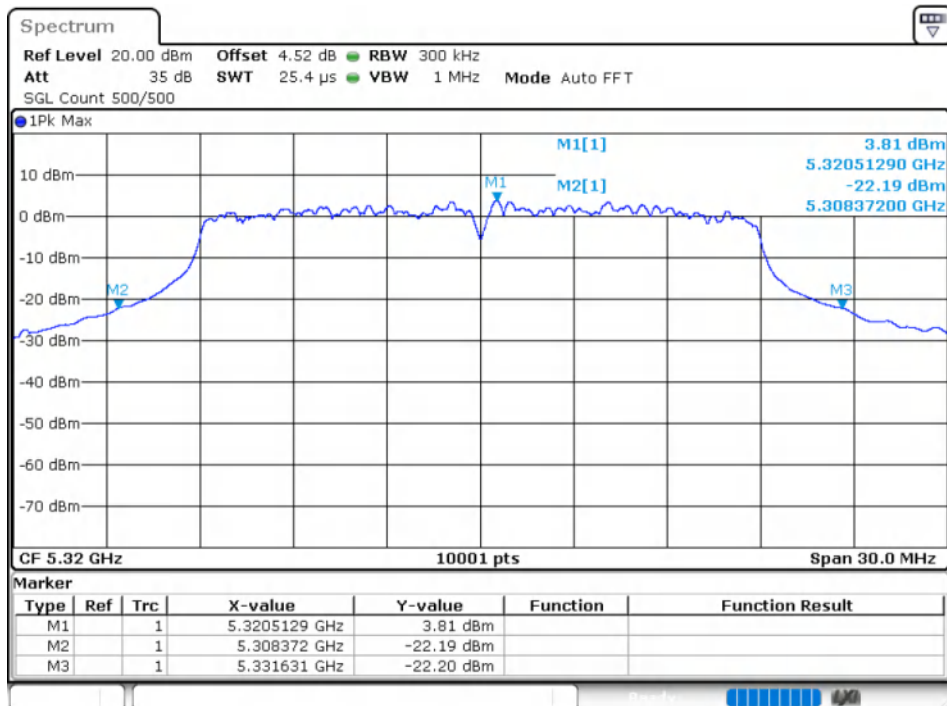
-26dB Bandwidth NVNT n20 5260MHz Ant1



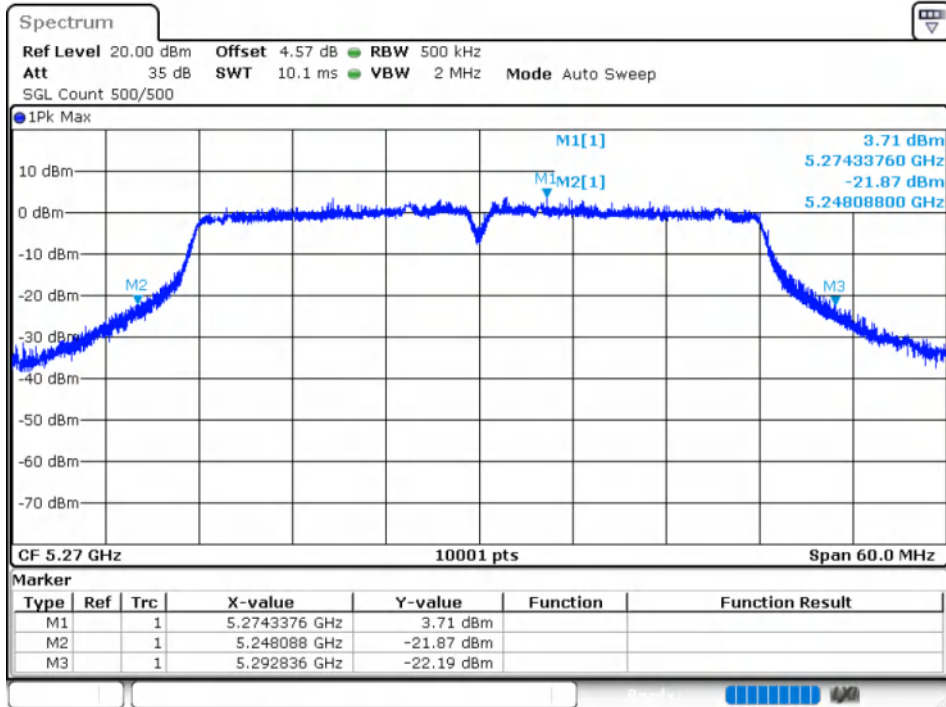
-26dB Bandwidth NVNT n20 5280MHz Ant1



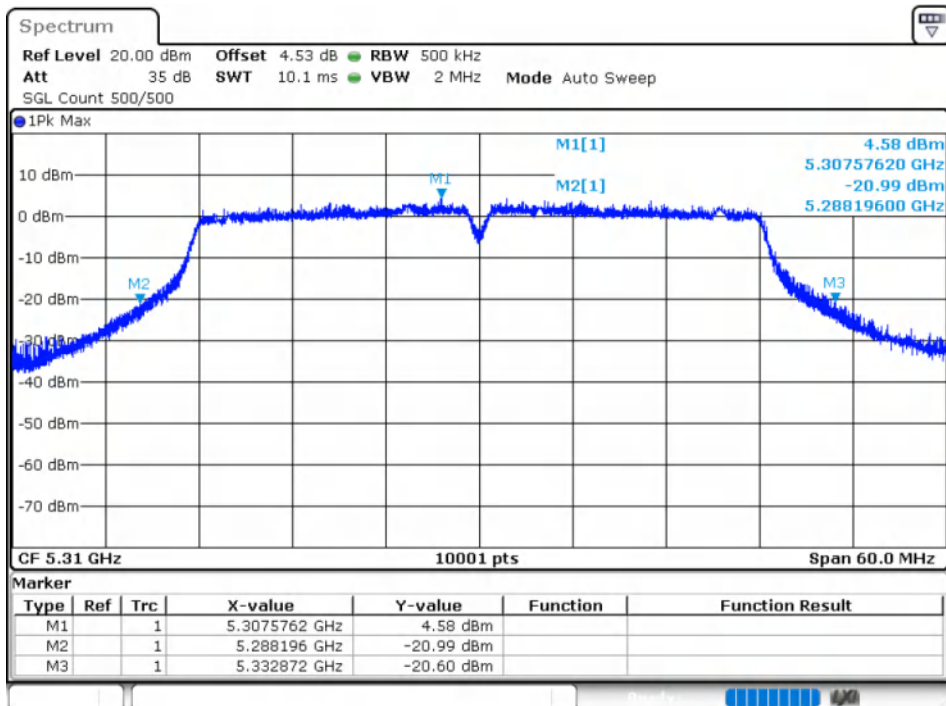
-26dB Bandwidth NVNT n20 5320MHz Ant1



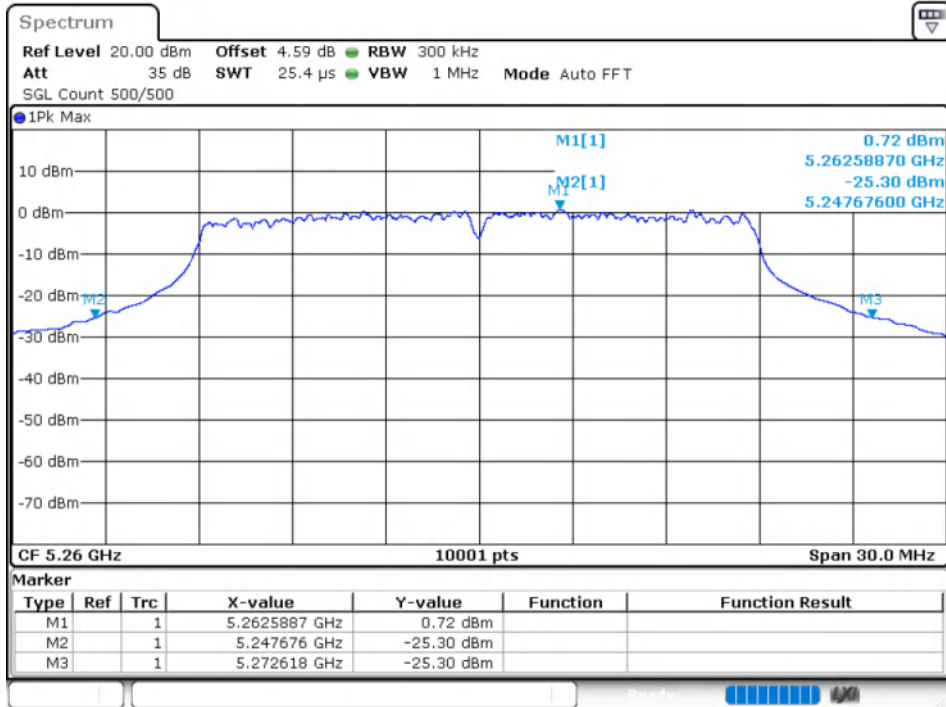
-26dB Bandwidth NVNT n40 5270MHz Ant1



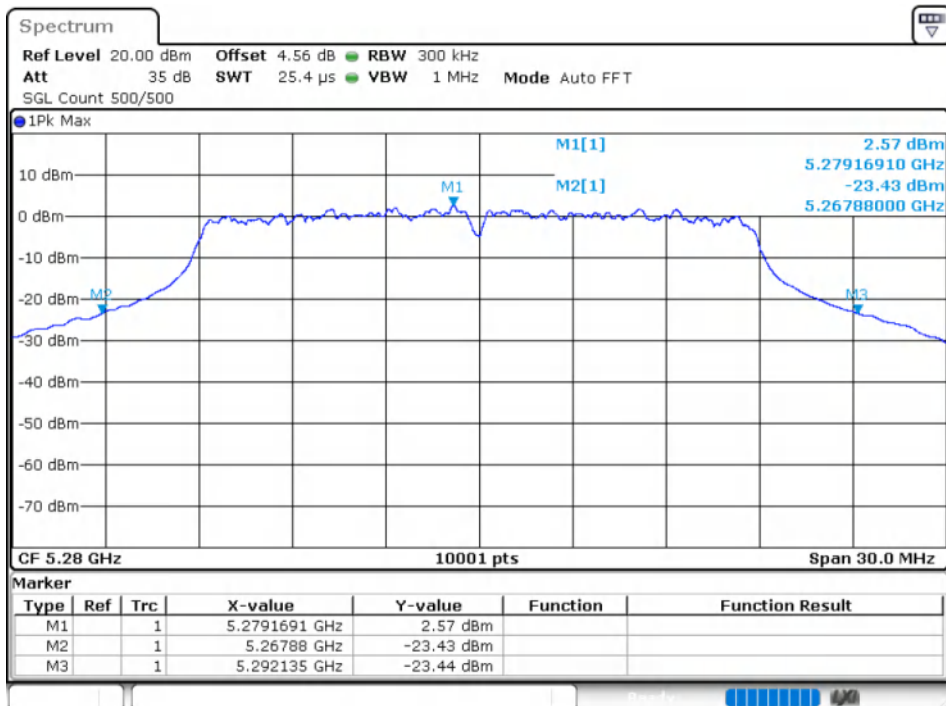
-26dB Bandwidth NVNT n40 5310MHz Ant1



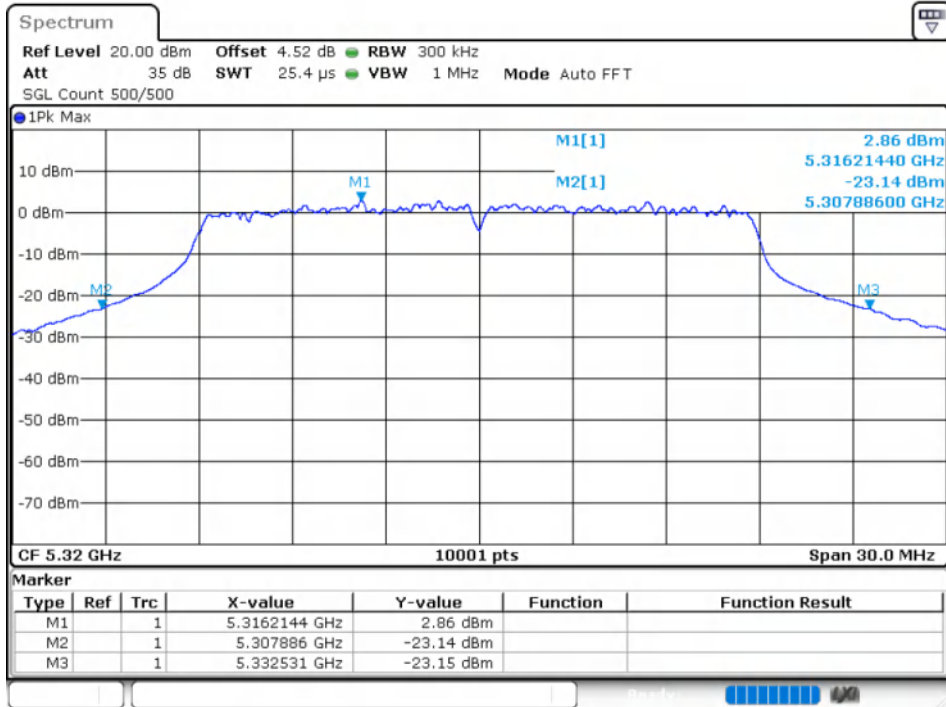
-26dB Bandwidth NVNT ac20 5260MHz Ant1



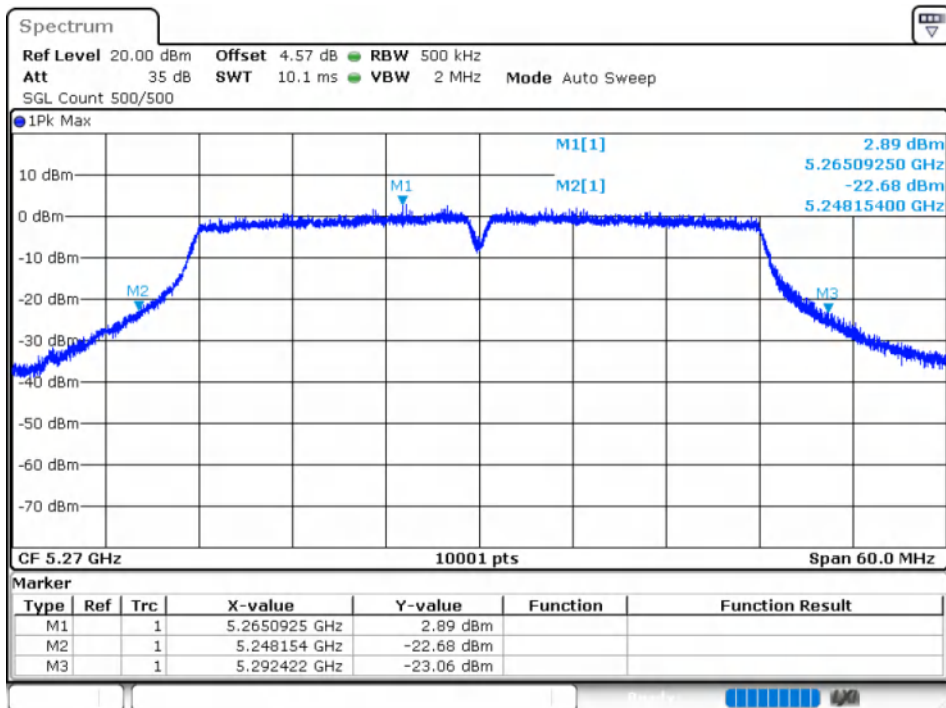
-26dB Bandwidth NVNT ac20 5280MHz Ant1



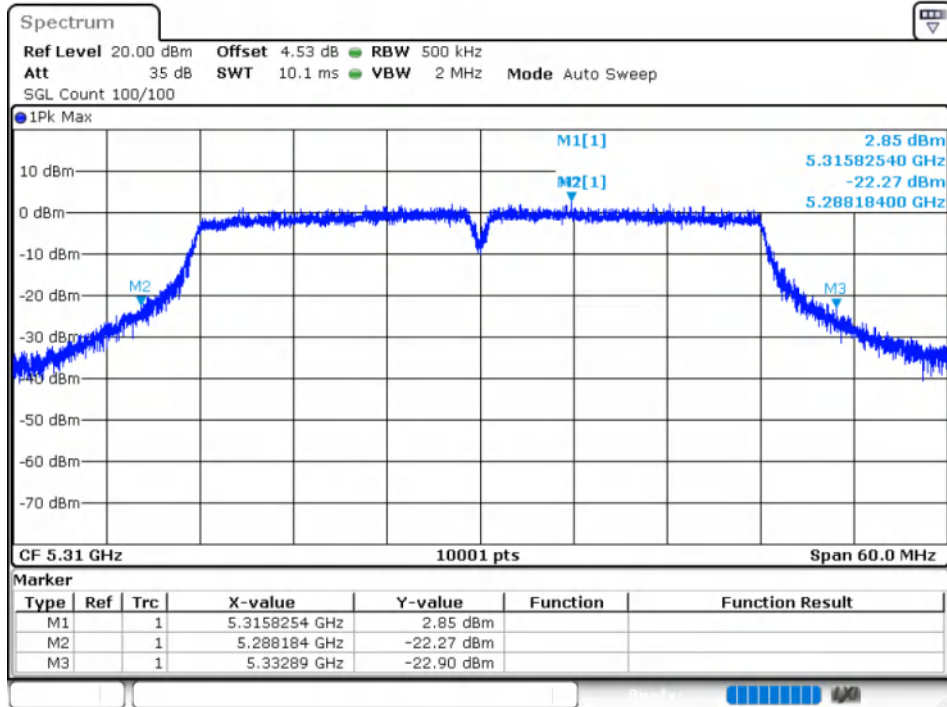
-26dB Bandwidth NVNT ac20 5320MHz Ant1



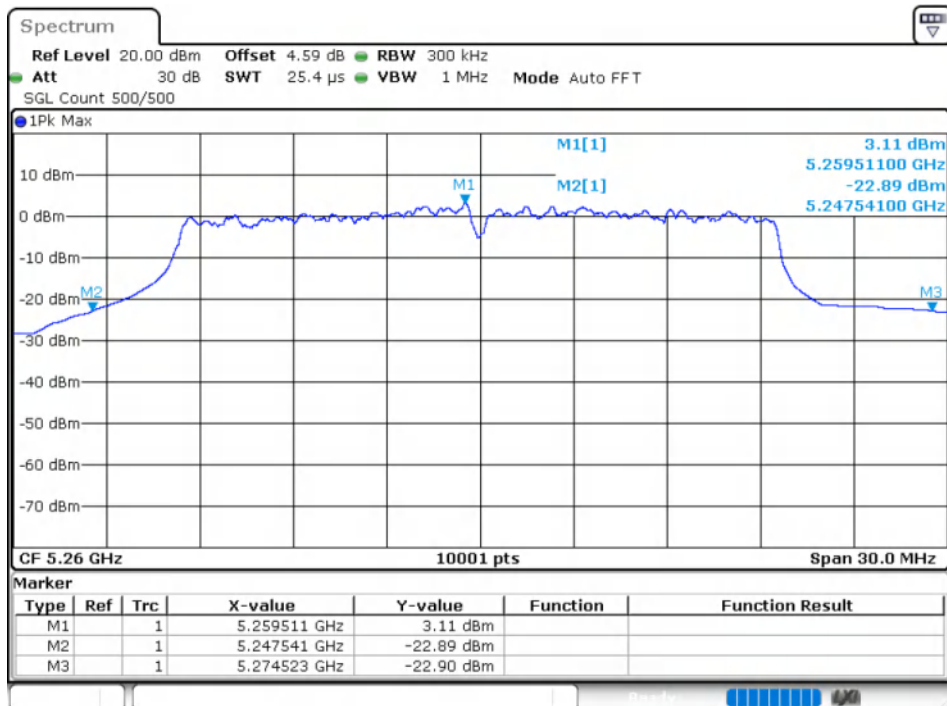
-26dB Bandwidth NVNT ac40 5270MHz Ant1



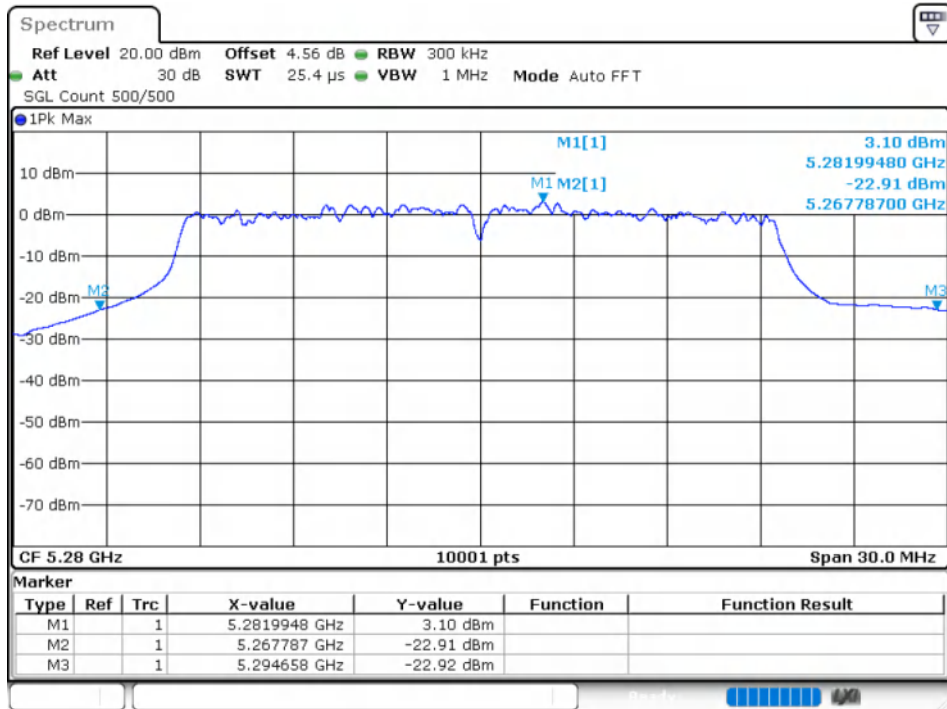
-26dB Bandwidth NVNT ac40 5310MHz Ant1



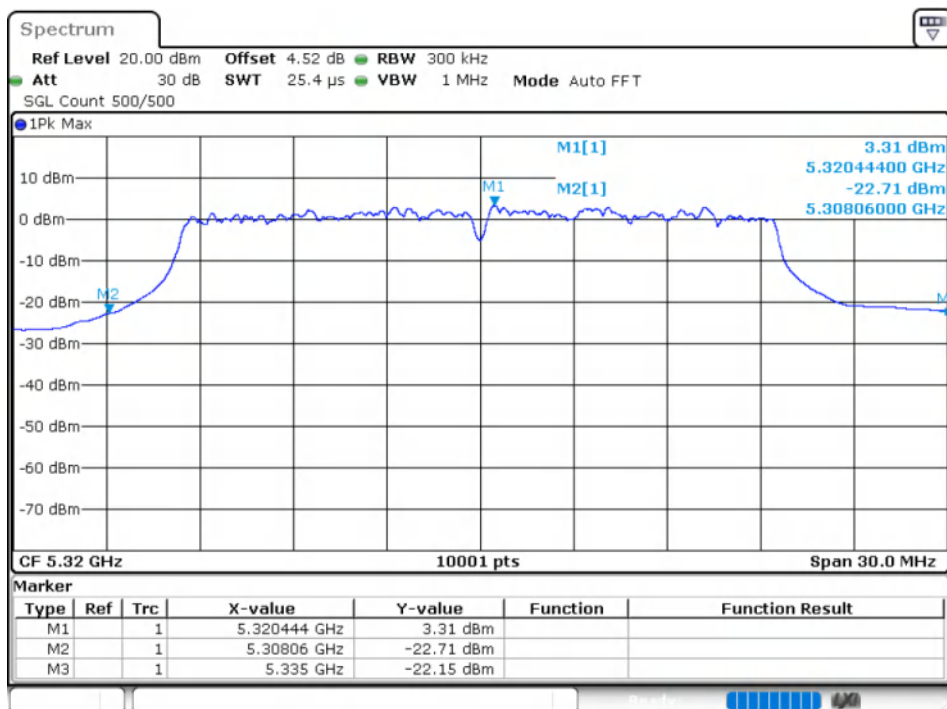
-26dB Bandwidth NVNT ax20 5260MHz Ant1



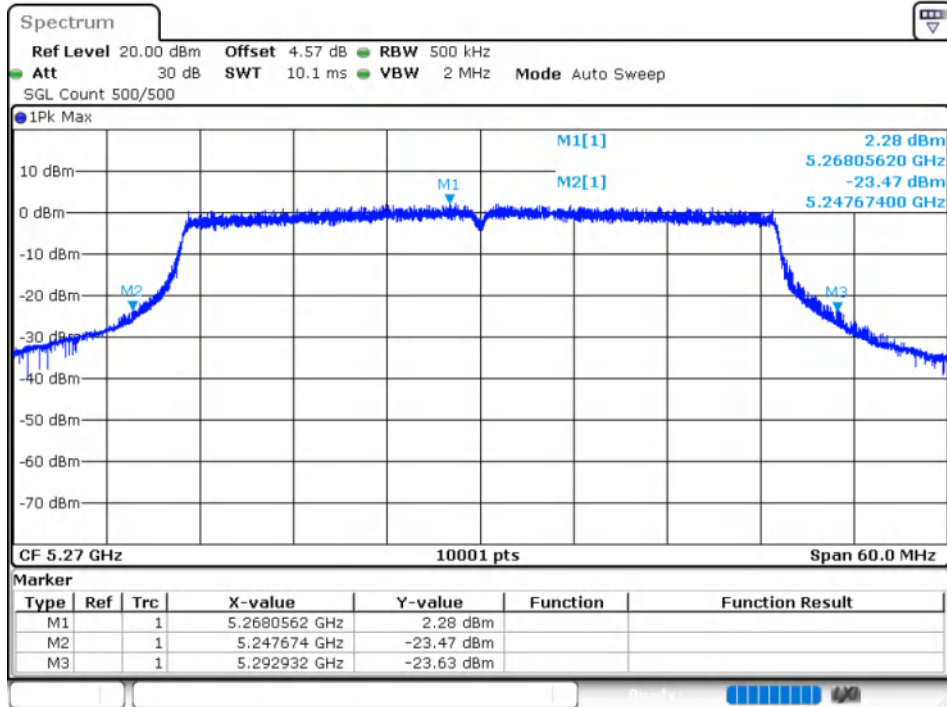
-26dB Bandwidth NVNT ax20 5280MHz Ant1



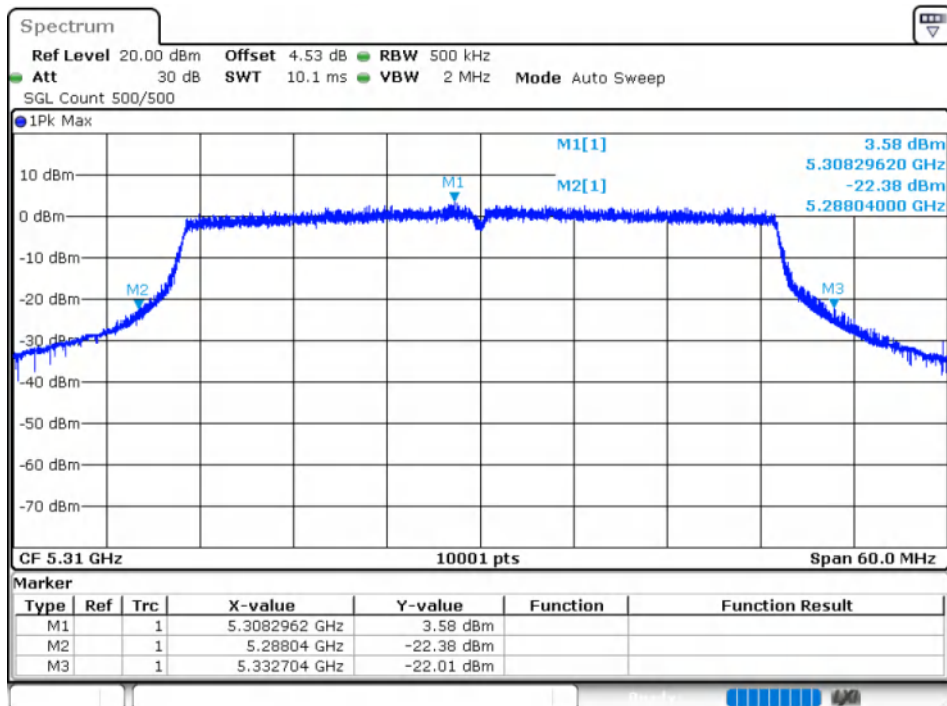
-26dB Bandwidth NVNT ax20 5320MHz Ant1



-26dB Bandwidth NVNT ax40 5270MHz Ant1



-26dB Bandwidth NVNT ax40 5310MHz Ant1

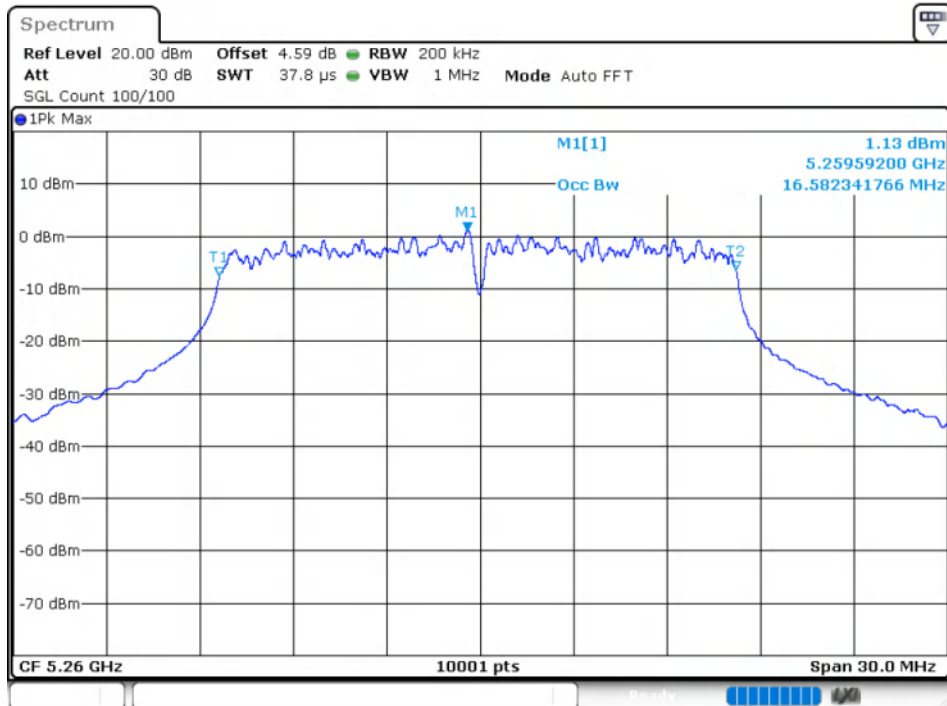


## Occupied Channel Bandwidth

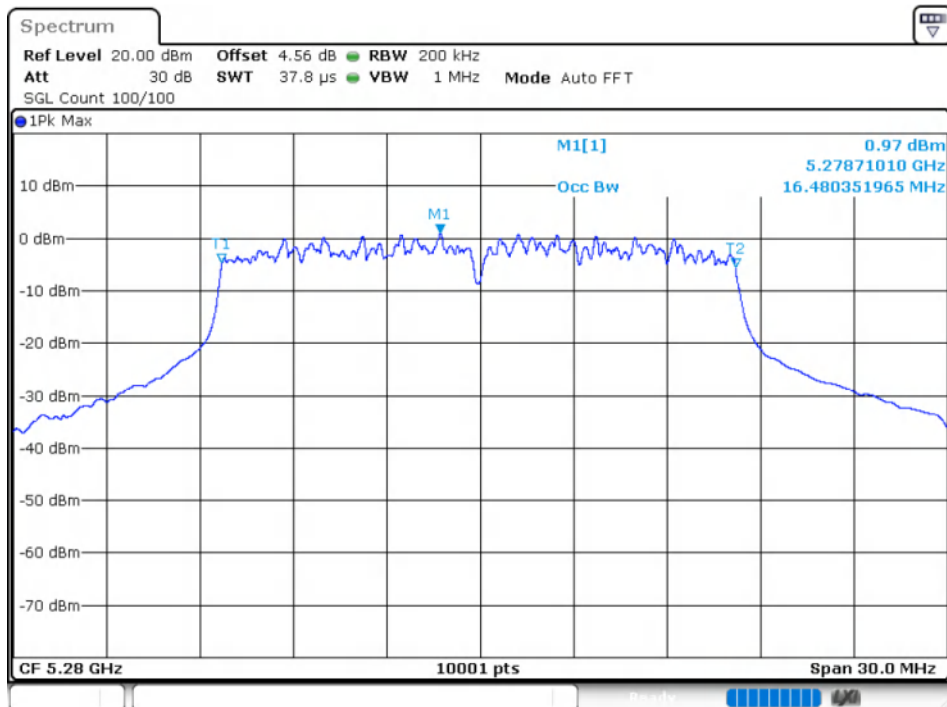
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5260            | Ant1    | 16.582        |
| NVNT      | a    | 5280            | Ant1    | 16.48         |
| NVNT      | a    | 5320            | Ant1    | 16.459        |
| NVNT      | n20  | 5260            | Ant1    | 17.746        |
| NVNT      | n20  | 5280            | Ant1    | 17.785        |
| NVNT      | n20  | 5320            | Ant1    | 17.791        |
| NVNT      | n40  | 5270            | Ant1    | 36.458        |
| NVNT      | n40  | 5310            | Ant1    | 36.476        |
| NVNT      | ac20 | 5260            | Ant1    | 17.788        |
| NVNT      | ac20 | 5280            | Ant1    | 17.83         |
| NVNT      | ac20 | 5320            | Ant1    | 17.773        |
| NVNT      | ac40 | 5270            | Ant1    | 36.53         |
| NVNT      | ac40 | 5310            | Ant1    | 36.47         |
| NVNT      | ax20 | 5260            | Ant1    | 18.991        |
| NVNT      | ax20 | 5280            | Ant1    | 19.021        |
| NVNT      | ax20 | 5320            | Ant1    | 19.051        |
| NVNT      | ax40 | 5270            | Ant1    | 37.904        |
| NVNT      | ax40 | 5310            | Ant1    | 37.91         |

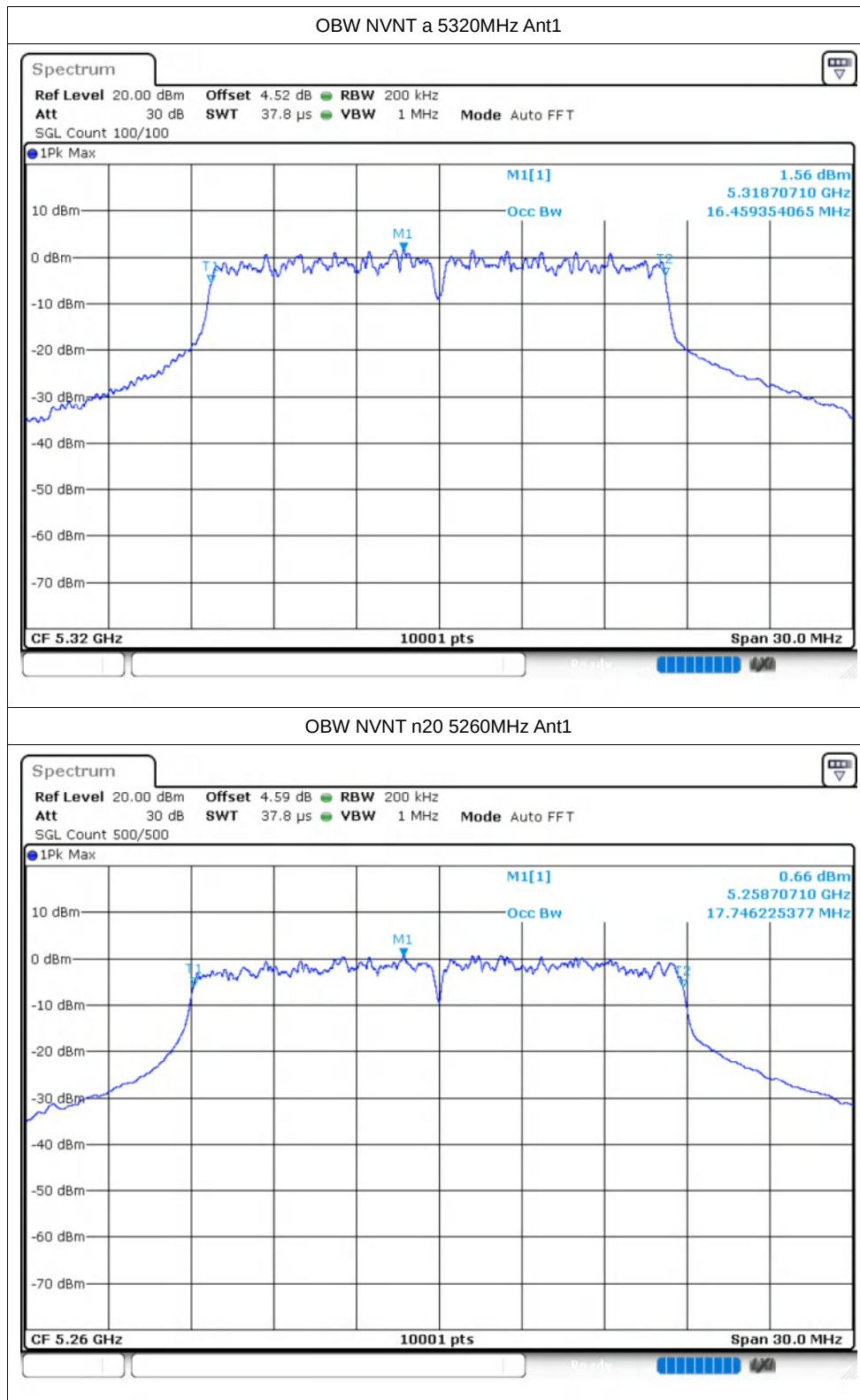
Test Graphs

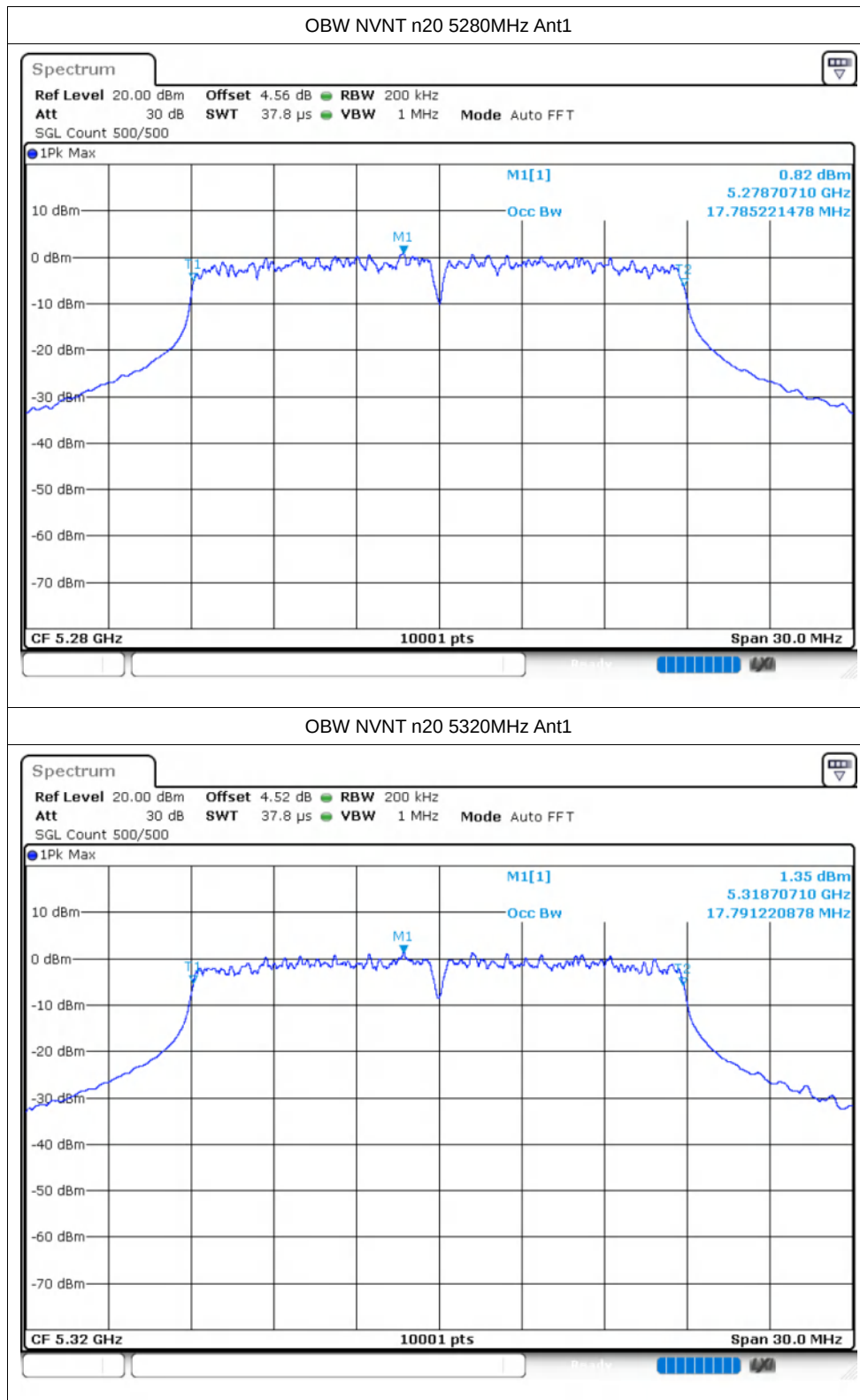
OBW NVNT a 5260MHz Ant1



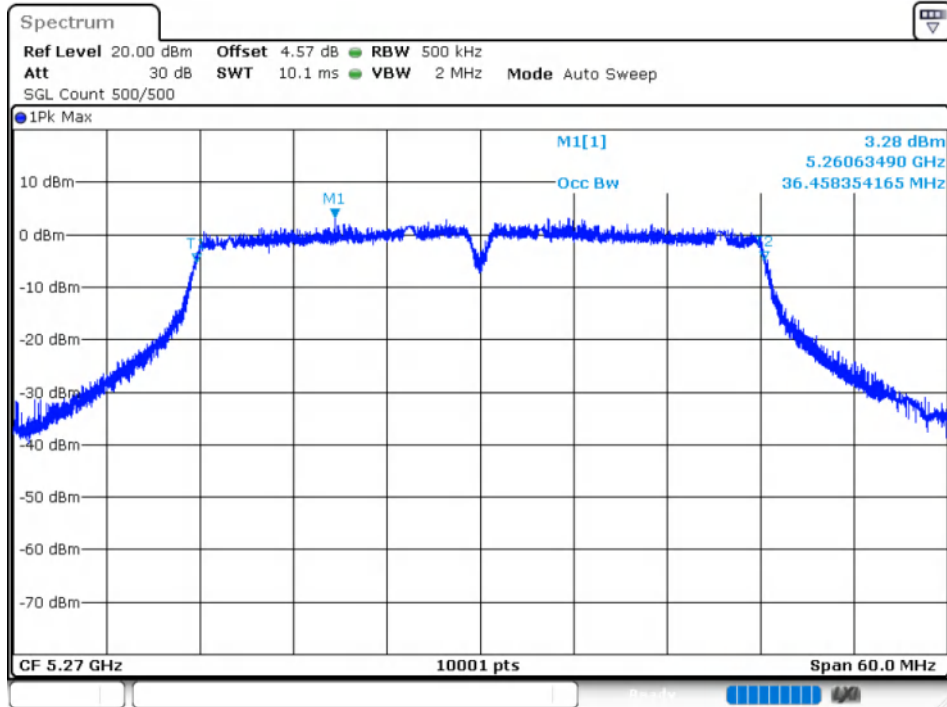
OBW NVNT a 5280MHz Ant1



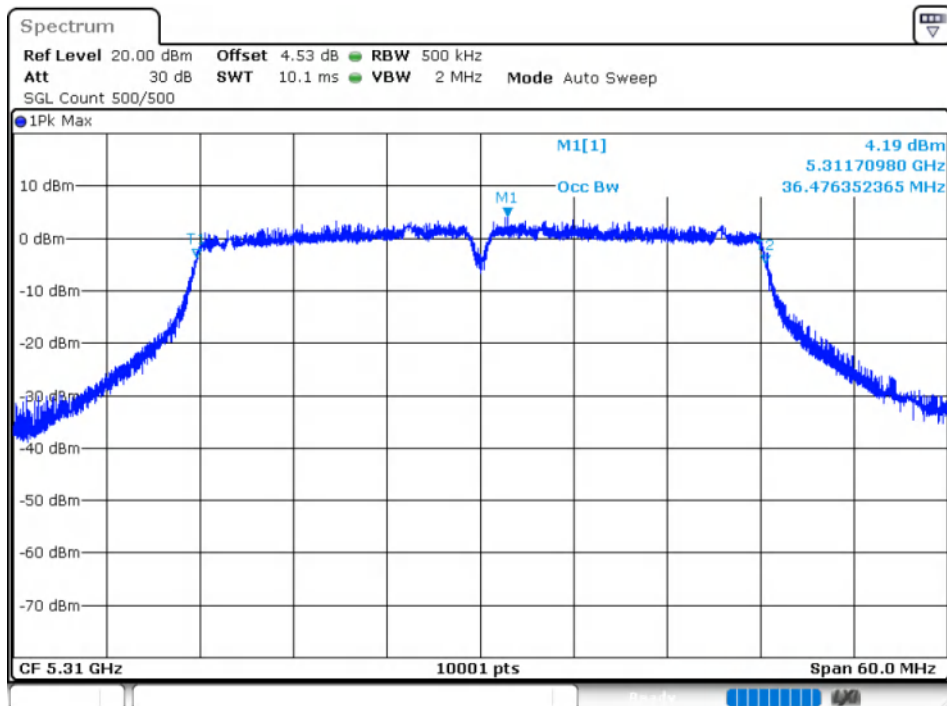


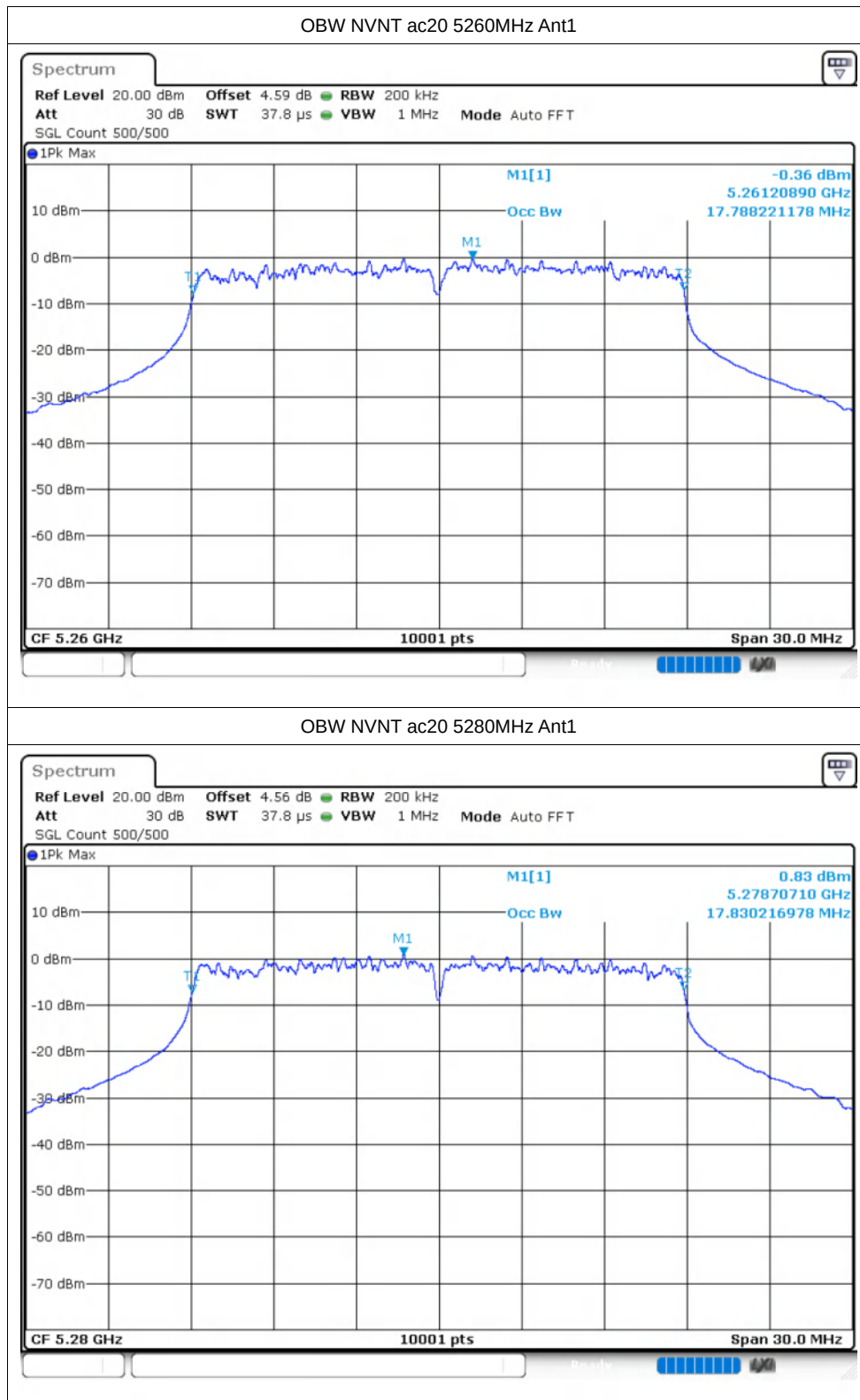


OBW NVNT n40 5270MHz Ant1

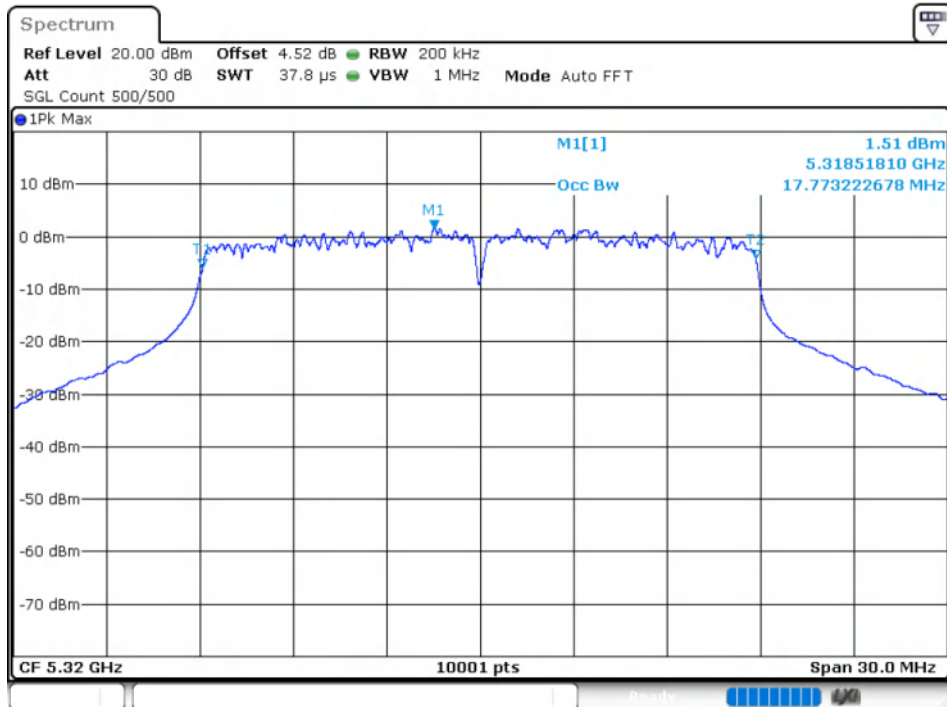


OBW NVNT n40 5310MHz Ant1

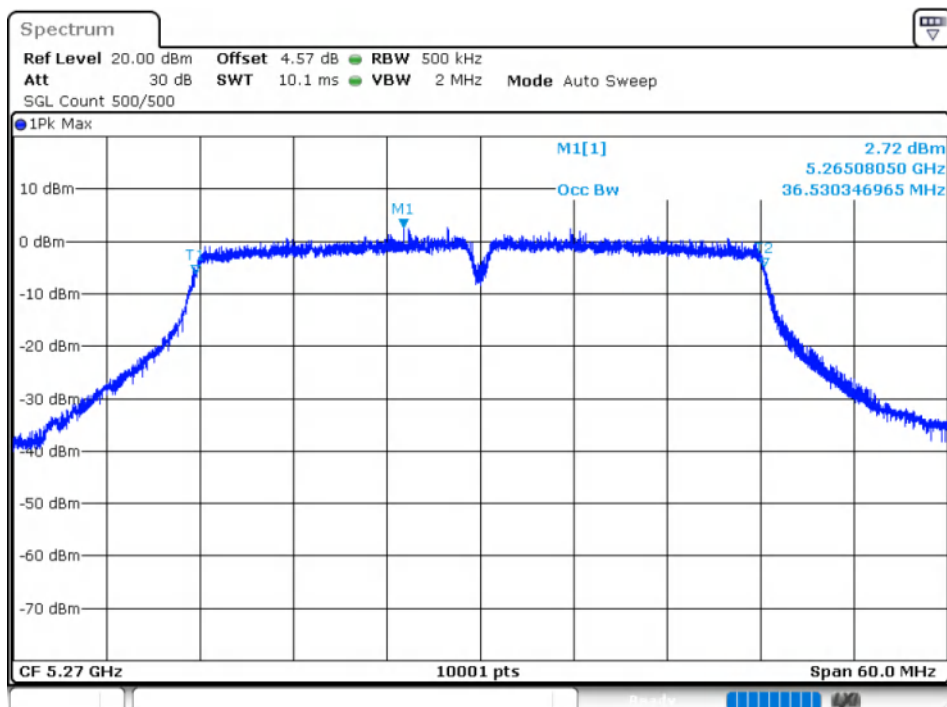




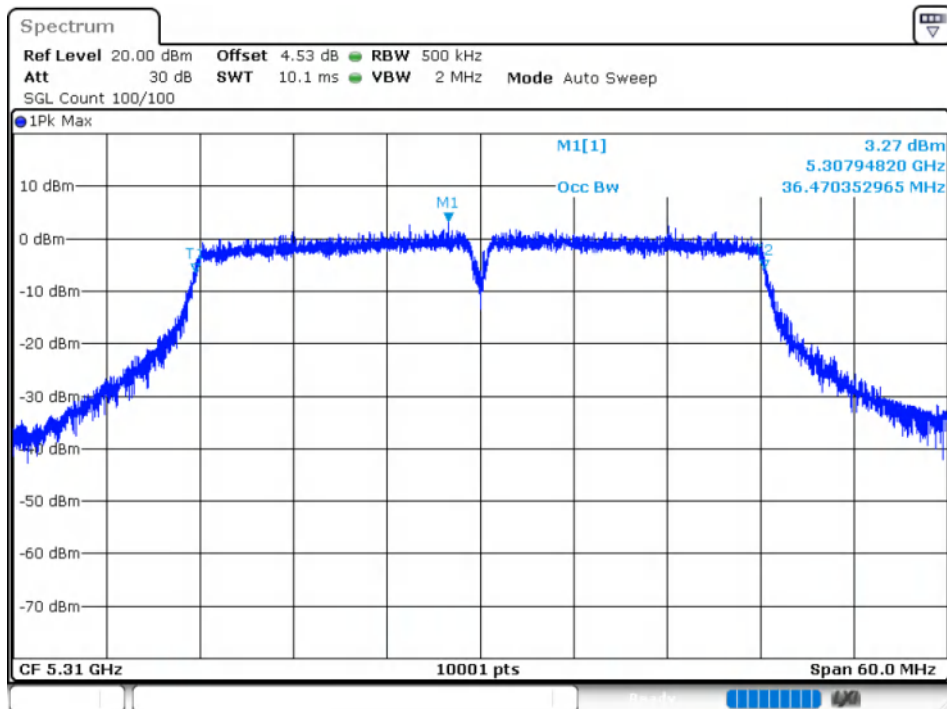
OBW NVNT ac20 5320MHz Ant1



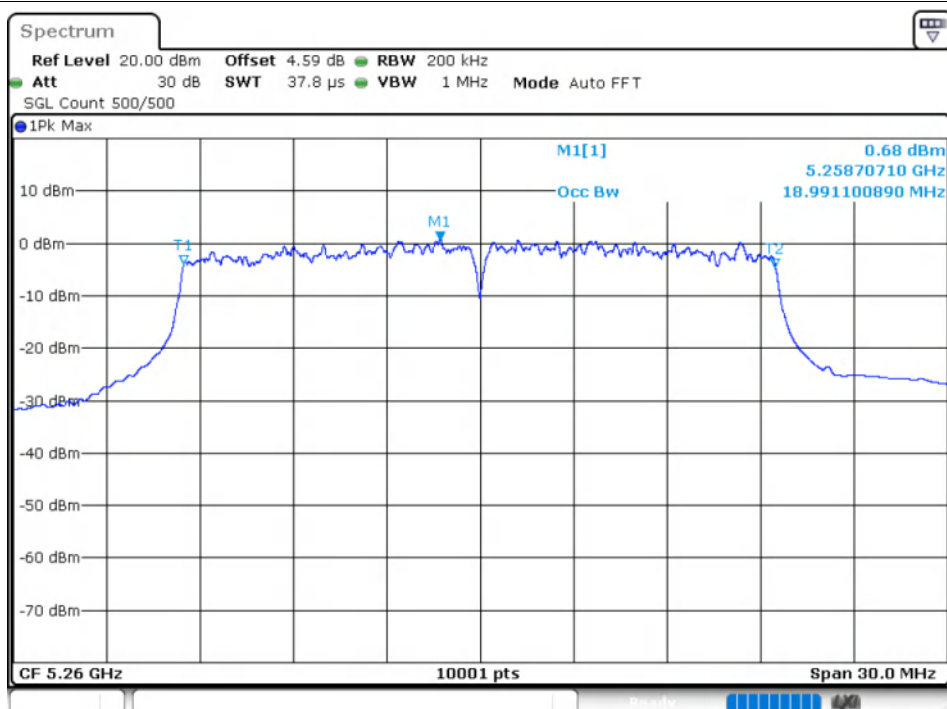
OBW NVNT ac40 5270MHz Ant1



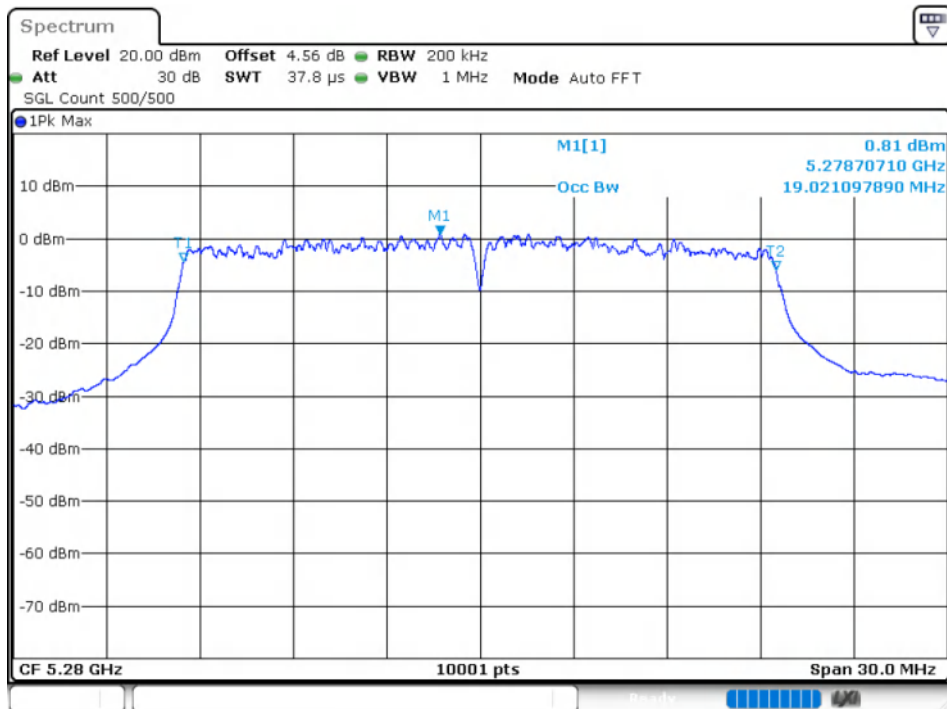
OBW NVNT ac40 5310MHz Ant1



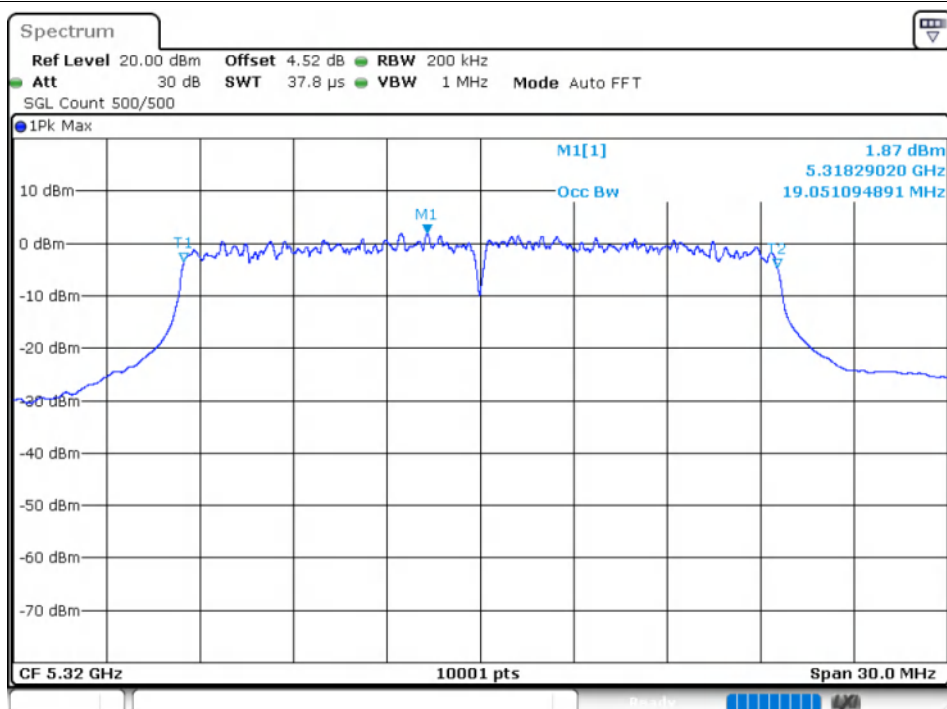
OBW NVNT ax20 5260MHz Ant1



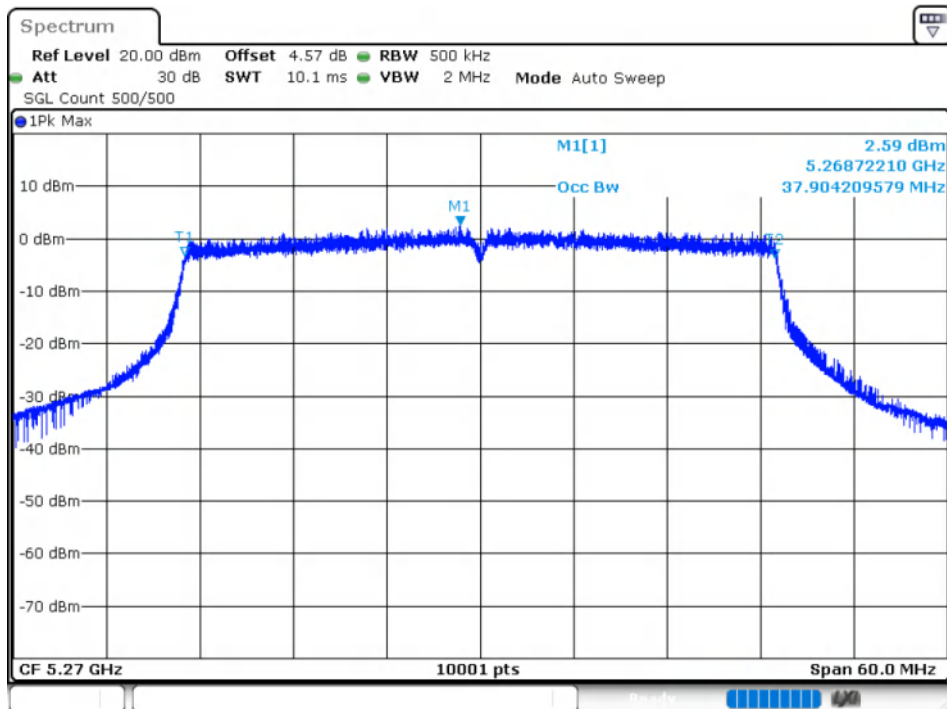
OBW NVNT ax20 5280MHz Ant1



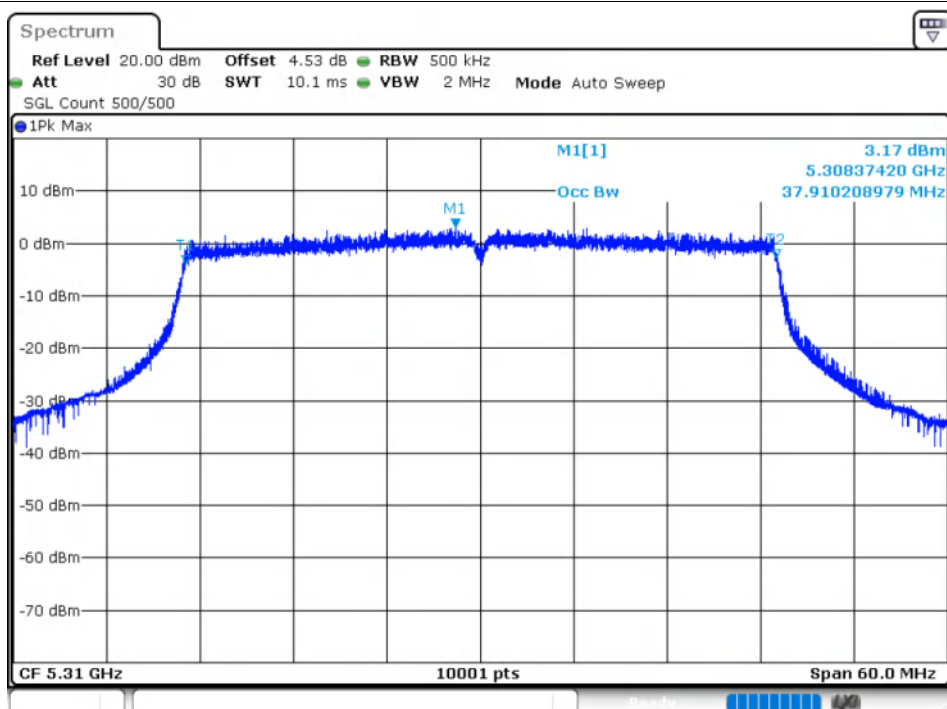
OBW NVNT ax20 5320MHz Ant1



OBW NVNT ax40 5270MHz Ant1



OBW NVNT ax40 5310MHz Ant1

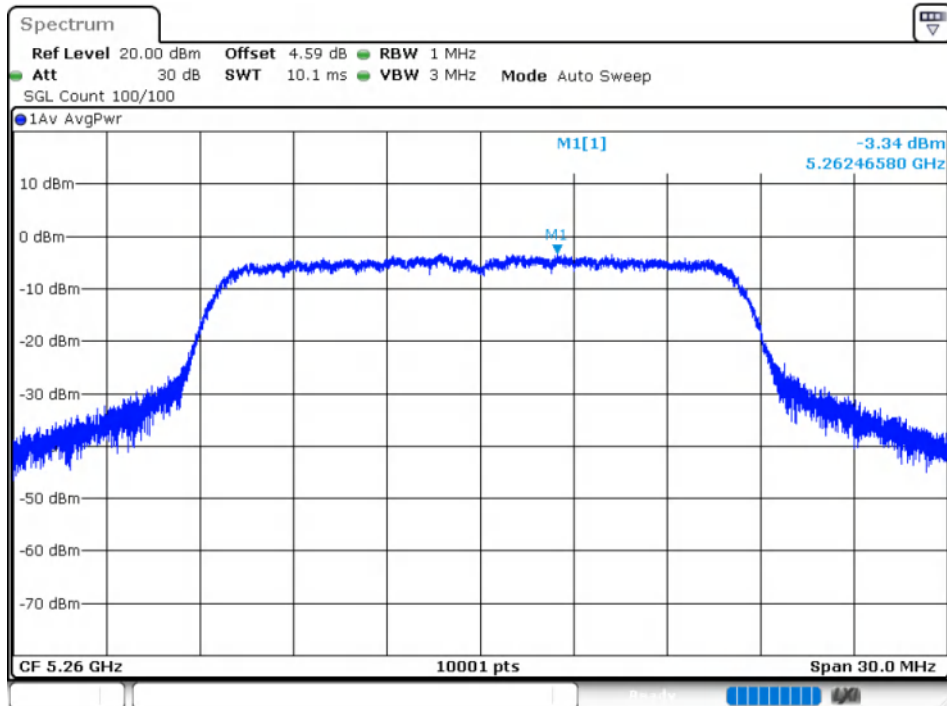


## Maximum Power Spectral Density Level

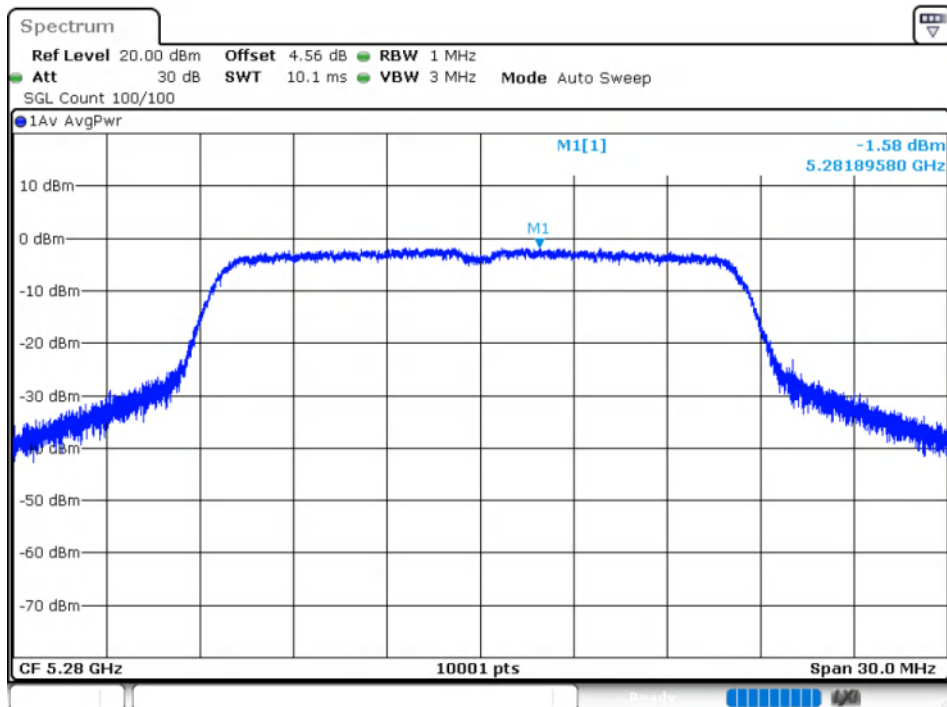
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | -3.34               | 1.79             | -1.55           | 11          | Pass    |
| NVNT      | a    | 5280            | Ant1    | -1.58               | 1.79             | 0.21            | 11          | Pass    |
| NVNT      | a    | 5320            | Ant1    | -0.76               | 1.79             | 1.03            | 11          | Pass    |
| NVNT      | n20  | 5260            | Ant1    | -2.91               | 1.9              | -1.01           | 11          | Pass    |
| NVNT      | n20  | 5280            | Ant1    | -2.67               | 1.91             | -0.76           | 11          | Pass    |
| NVNT      | n20  | 5320            | Ant1    | -1.96               | 1.92             | -0.04           | 11          | Pass    |
| NVNT      | n40  | 5270            | Ant1    | -6.61               | 2.72             | -3.89           | 11          | Pass    |
| NVNT      | n40  | 5310            | Ant1    | -6.16               | 2.01             | -4.15           | 11          | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | -3.71               | 1.79             | -1.92           | 11          | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | -2.39               | 1.8              | -0.59           | 11          | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | -1.63               | 1.61             | -0.02           | 11          | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | -7.41               | 2.65             | -4.76           | 11          | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | -5.37               | 2.13             | -3.24           | 11          | Pass    |
| NVNT      | ax20 | 5260            | Ant1    | -3.17               | 1.92             | -1.25           | 11          | Pass    |
| NVNT      | ax20 | 5280            | Ant1    | -2.93               | 1.94             | -0.99           | 11          | Pass    |
| NVNT      | ax20 | 5320            | Ant1    | -2.27               | 1.92             | -0.35           | 11          | Pass    |
| NVNT      | ax40 | 5270            | Ant1    | -7.87               | 2.47             | -5.4            | 11          | Pass    |
| NVNT      | ax40 | 5310            | Ant1    | -6.06               | 1.98             | -4.08           | 11          | Pass    |

# Test Graphs

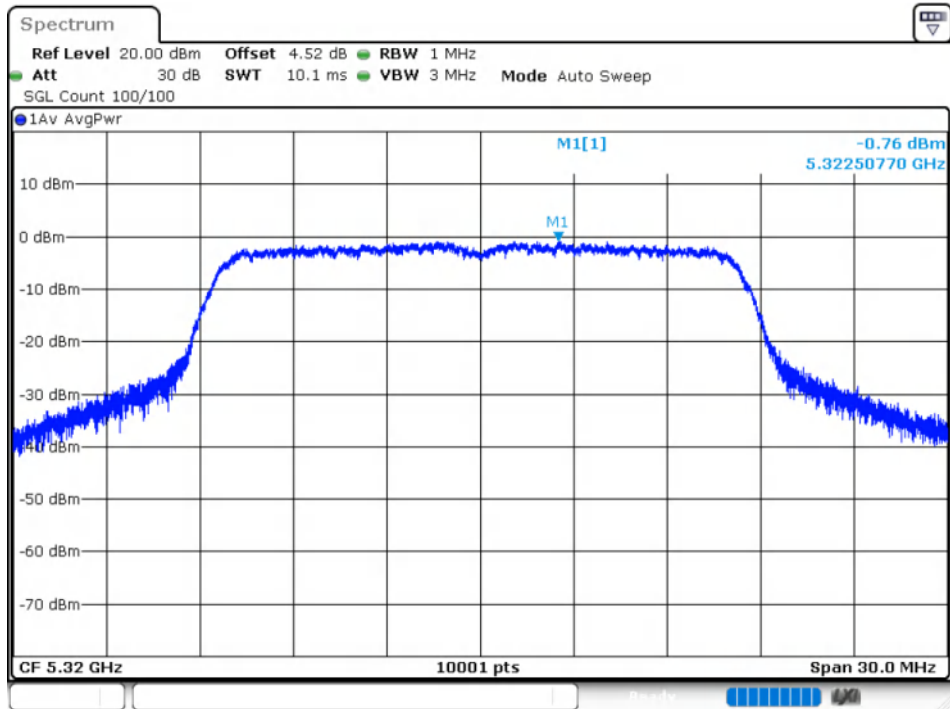
## PSD NVNT a 5260MHz Ant1



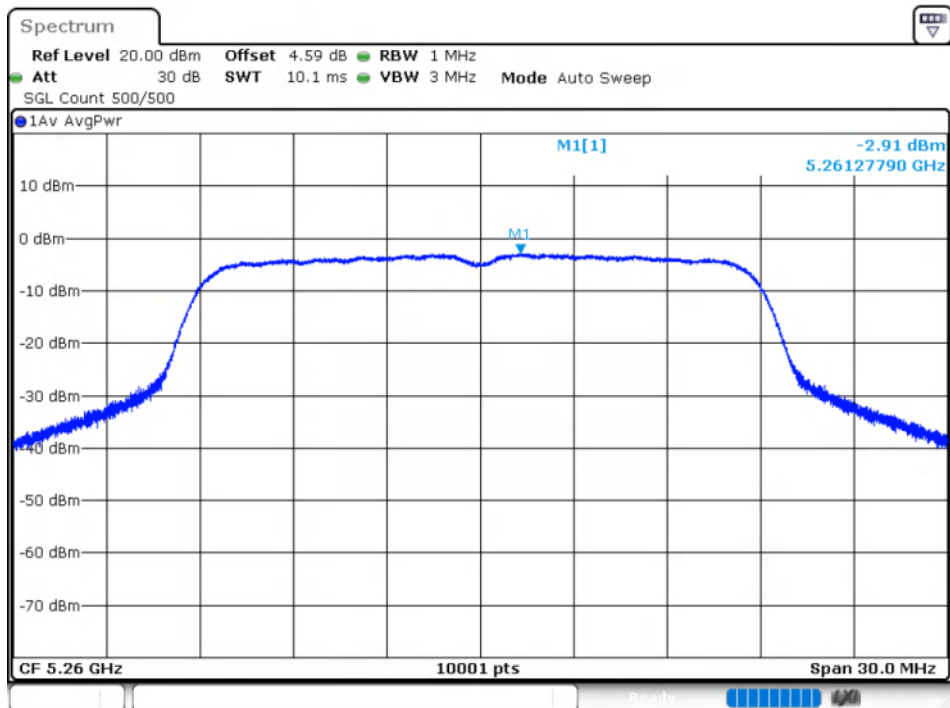
## PSD NVNT a 5280MHz Ant1

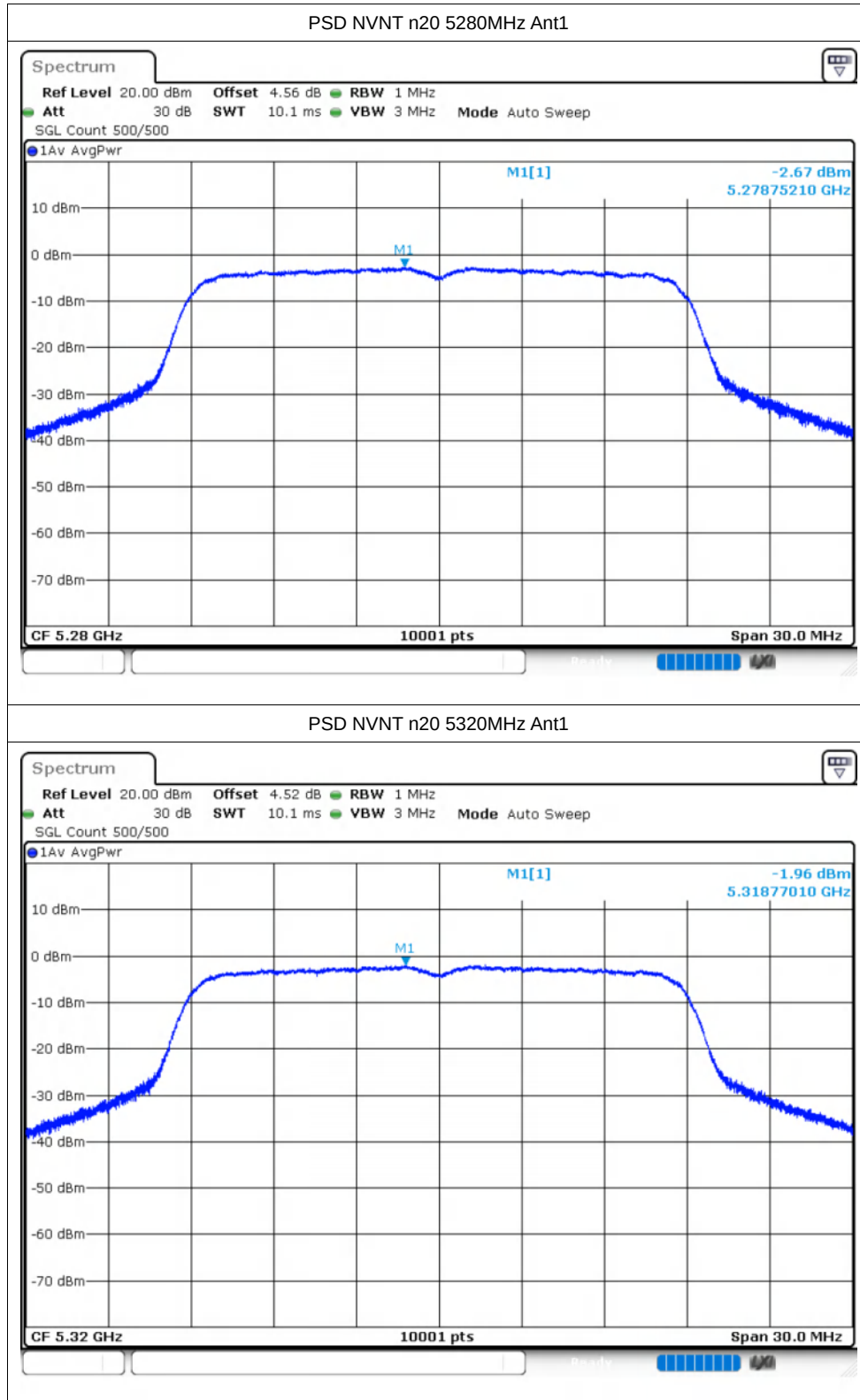


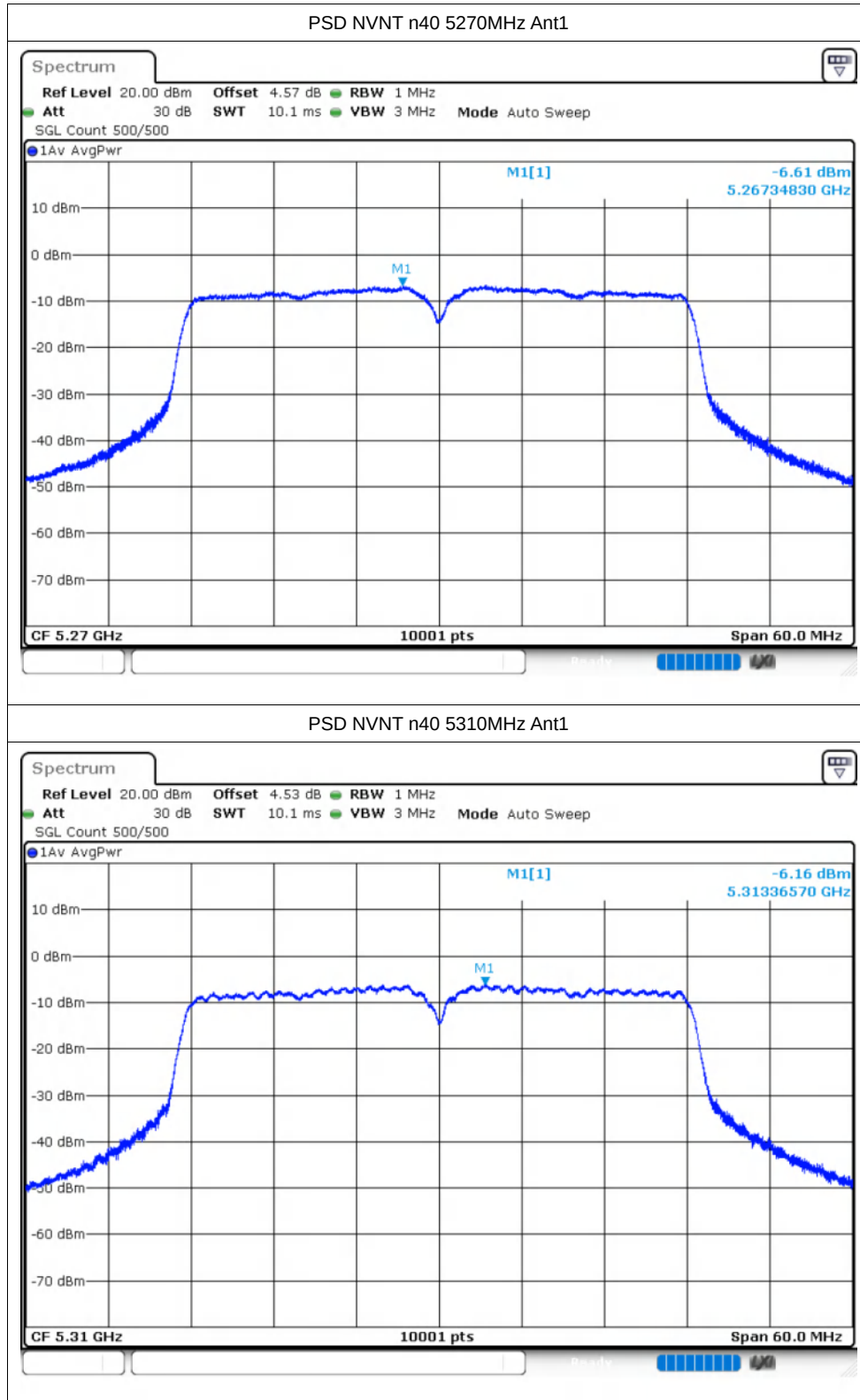
PSD NVNT a 5320MHz Ant1

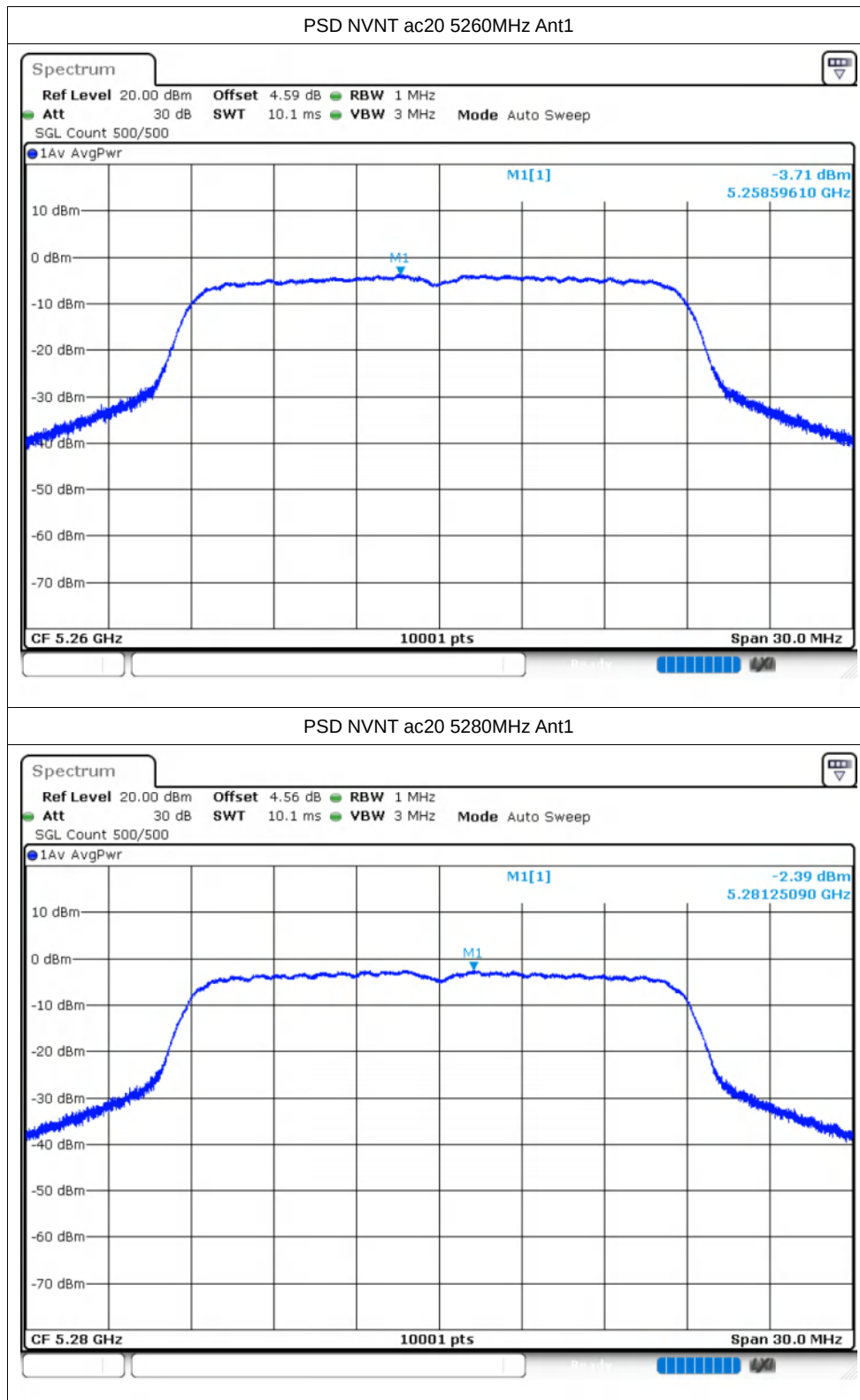


PSD NVNT n20 5260MHz Ant1

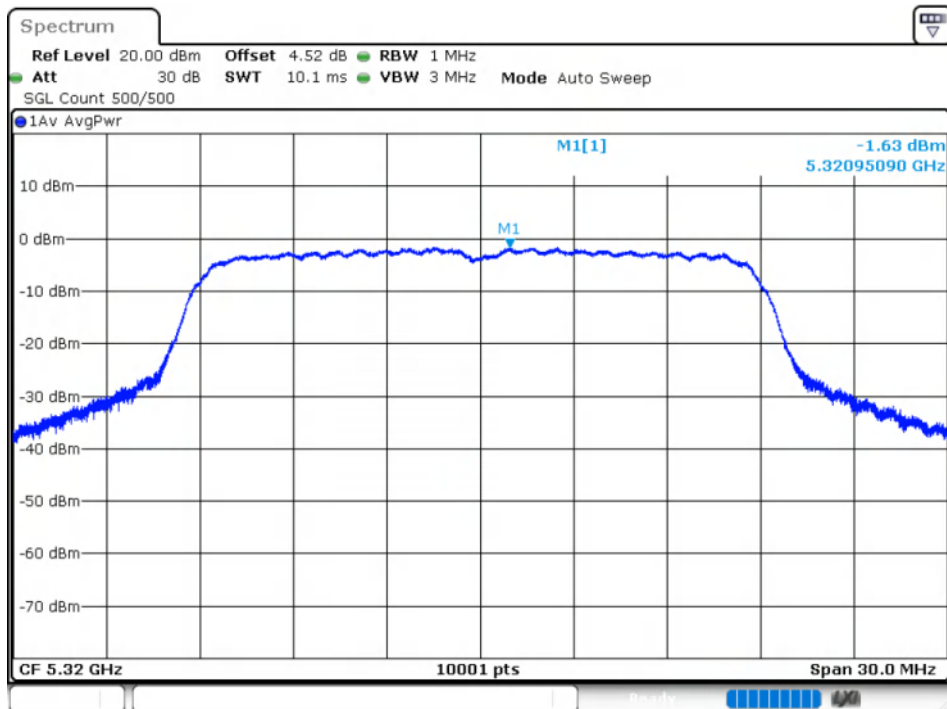




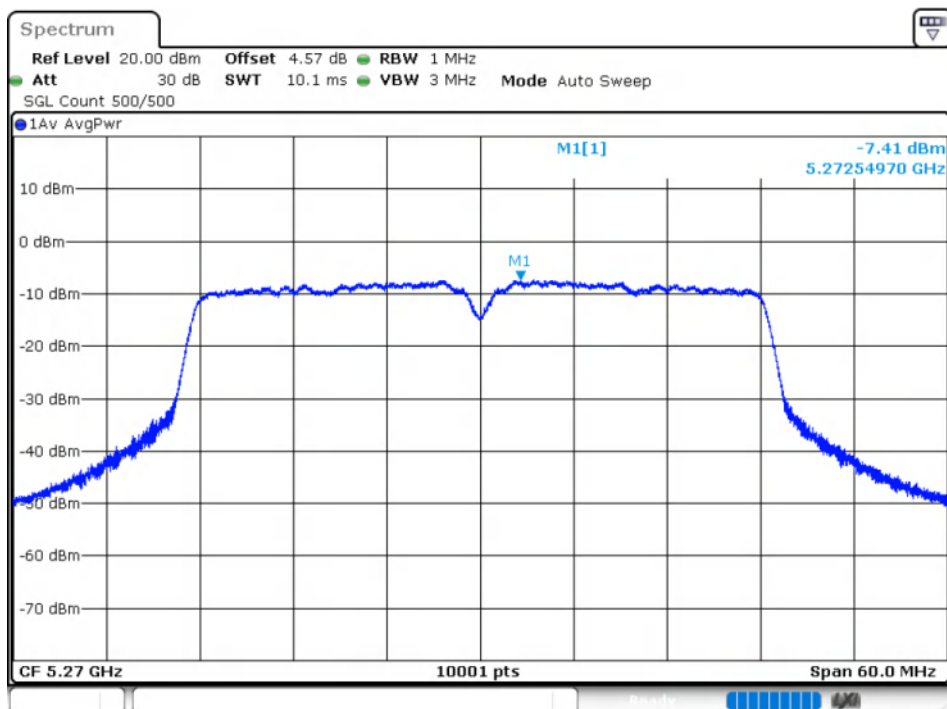




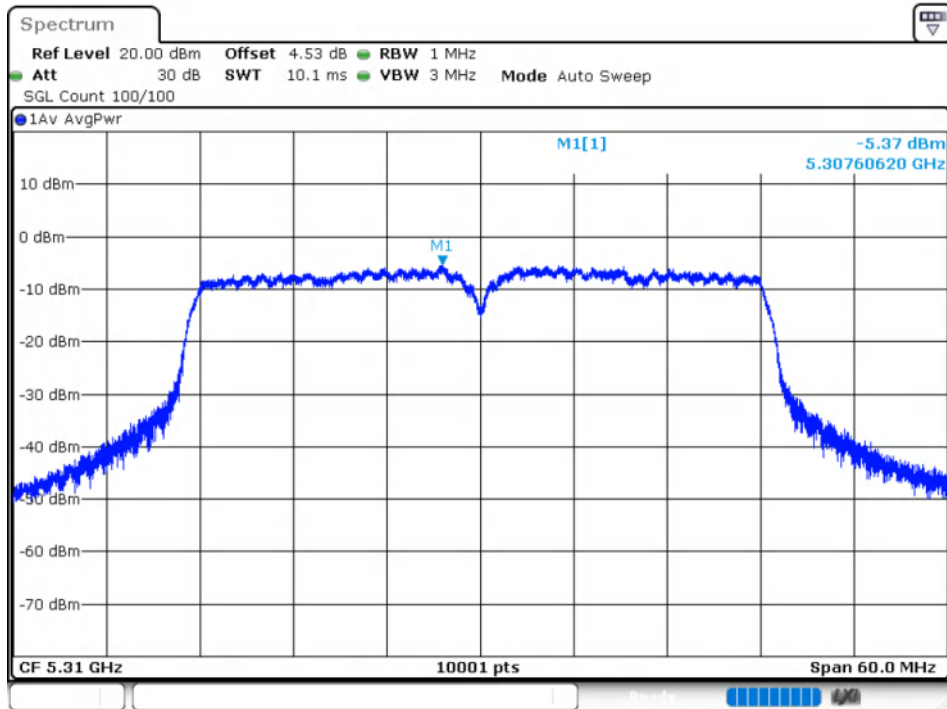
PSD NVNT ac20 5320MHz Ant1



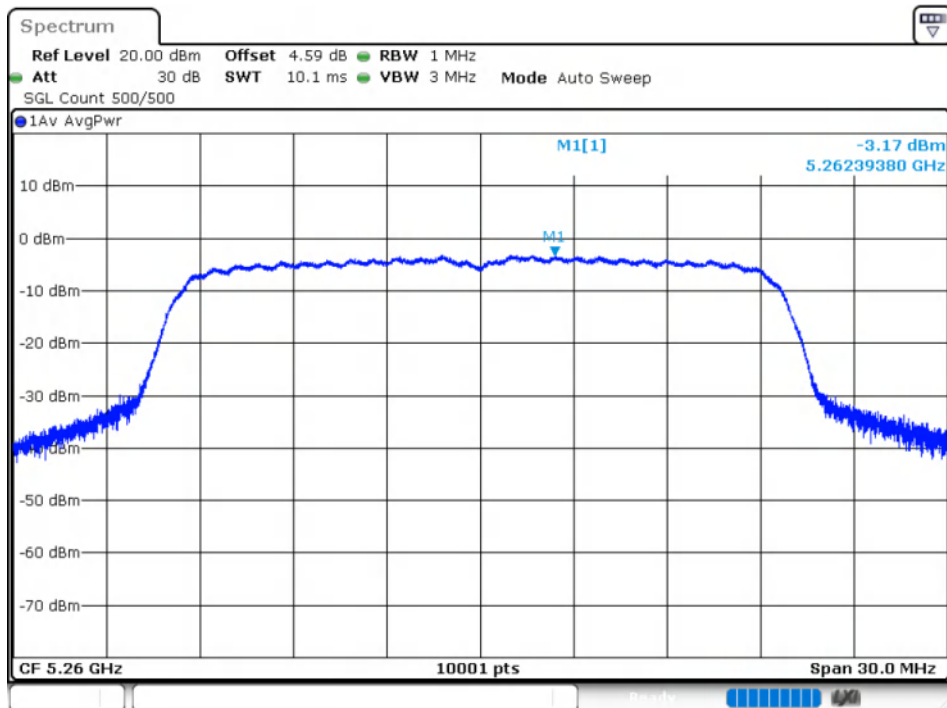
PSD NVNT ac40 5270MHz Ant1

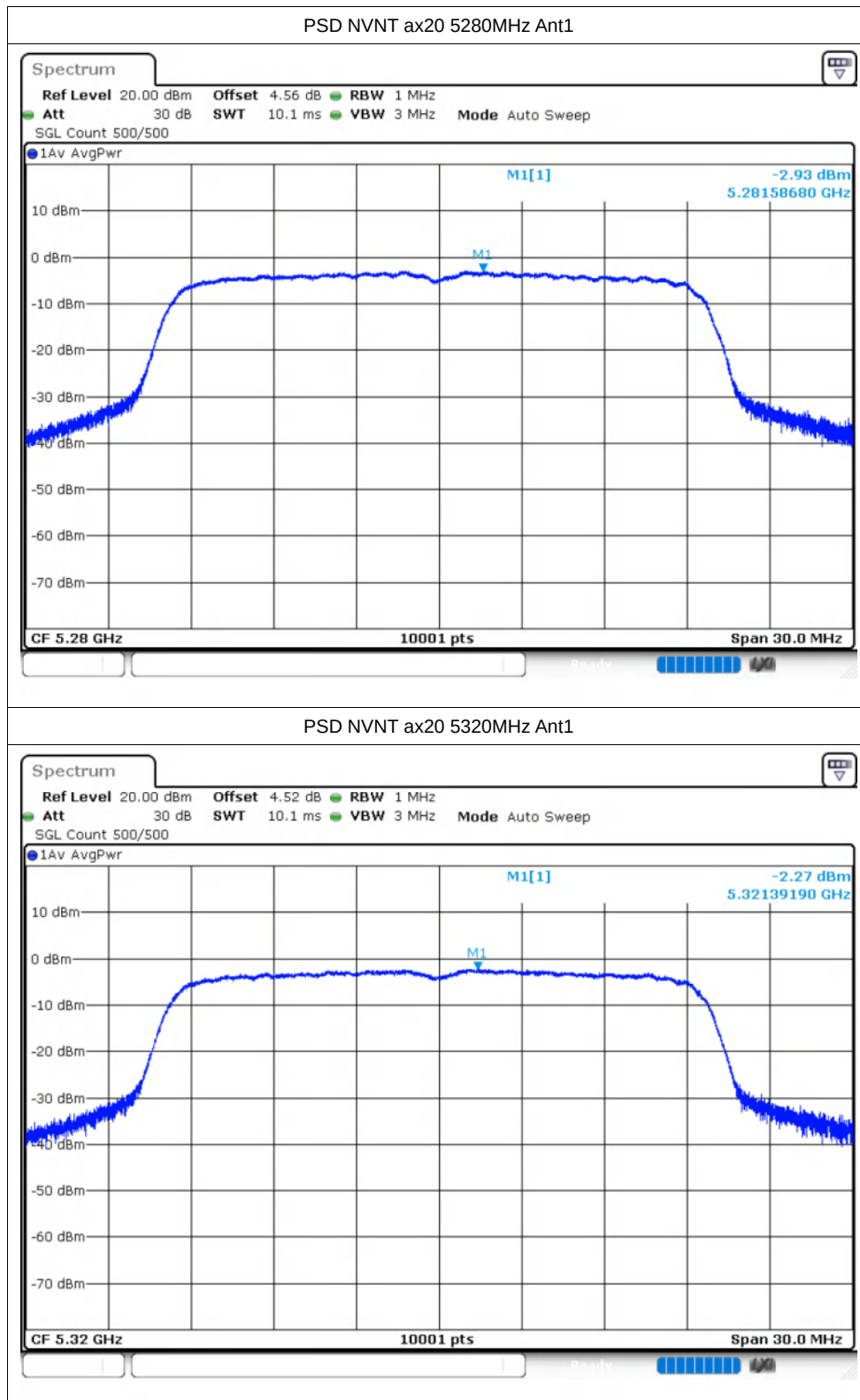


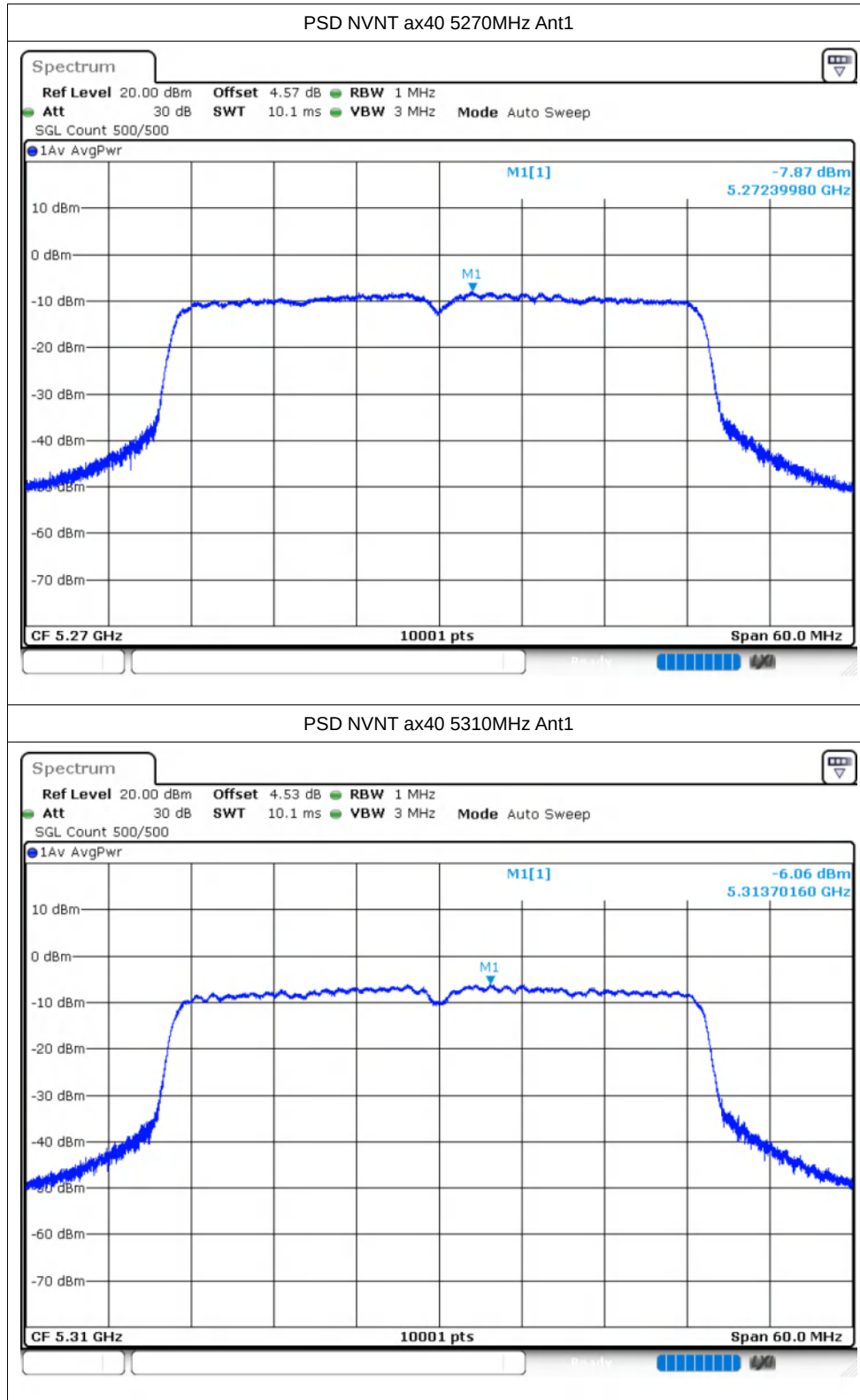
PSD NVNT ac40 5310MHz Ant1



PSD NVNT ax20 5260MHz Ant1





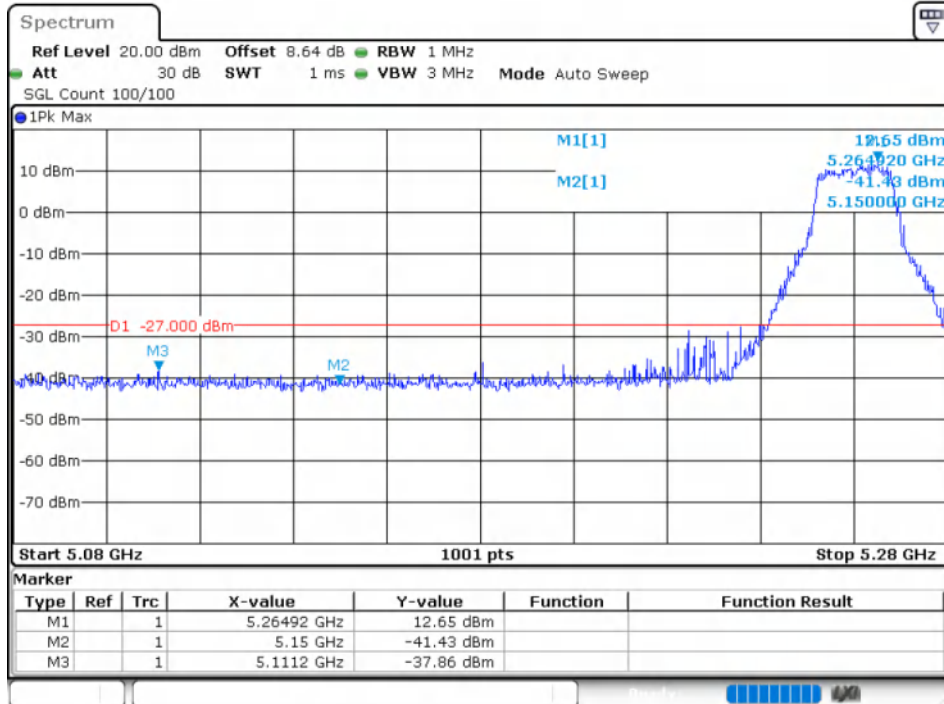


## Band Edge

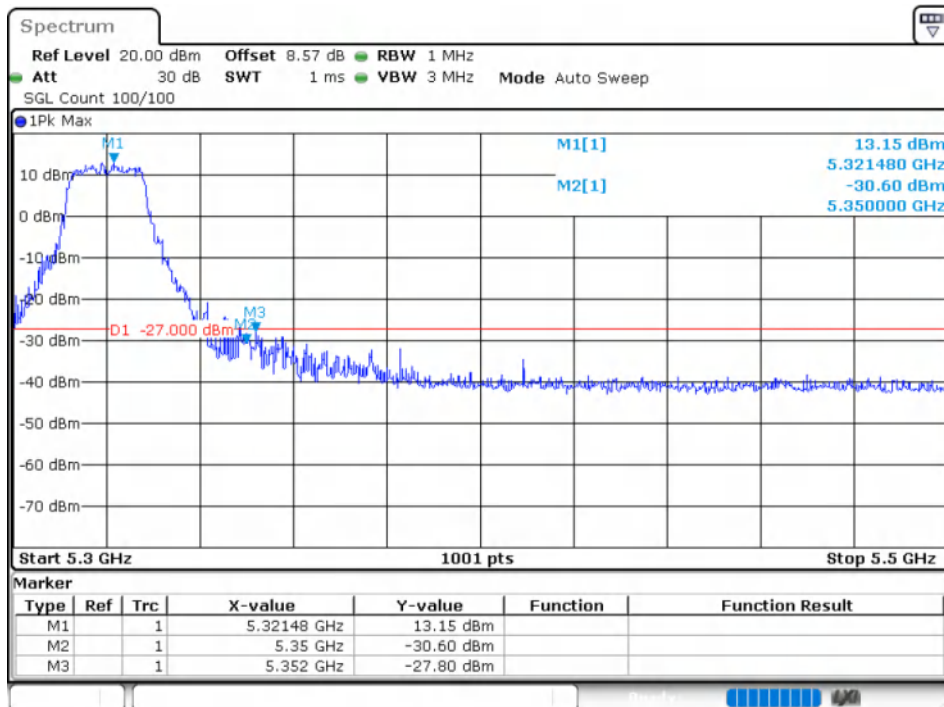
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | -37.86          | -27         | Pass    |
| NVNT      | a    | 5320            | Ant1    | -27.79          | -27         | Pass    |
| NVNT      | n20  | 5260            | Ant1    | -37.9           | -27         | Pass    |
| NVNT      | n20  | 5320            | Ant1    | -28.66          | -27         | Pass    |
| NVNT      | n40  | 5270            | Ant1    | -38.7           | -27         | Pass    |
| NVNT      | n40  | 5310            | Ant1    | -30.55          | -27         | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | -38.14          | -27         | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | -27.66          | -27         | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | -38.34          | -27         | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | -30.07          | -27         | Pass    |
| NVNT      | ax20 | 5260            | Ant1    | -37.83          | -27         | Pass    |
| NVNT      | ax20 | 5320            | Ant1    | -27.62          | -27         | Pass    |
| NVNT      | ax40 | 5270            | Ant1    | -36.72          | -27         | Pass    |
| NVNT      | ax40 | 5310            | Ant1    | -28.34          | -27         | Pass    |

# Test Graphs

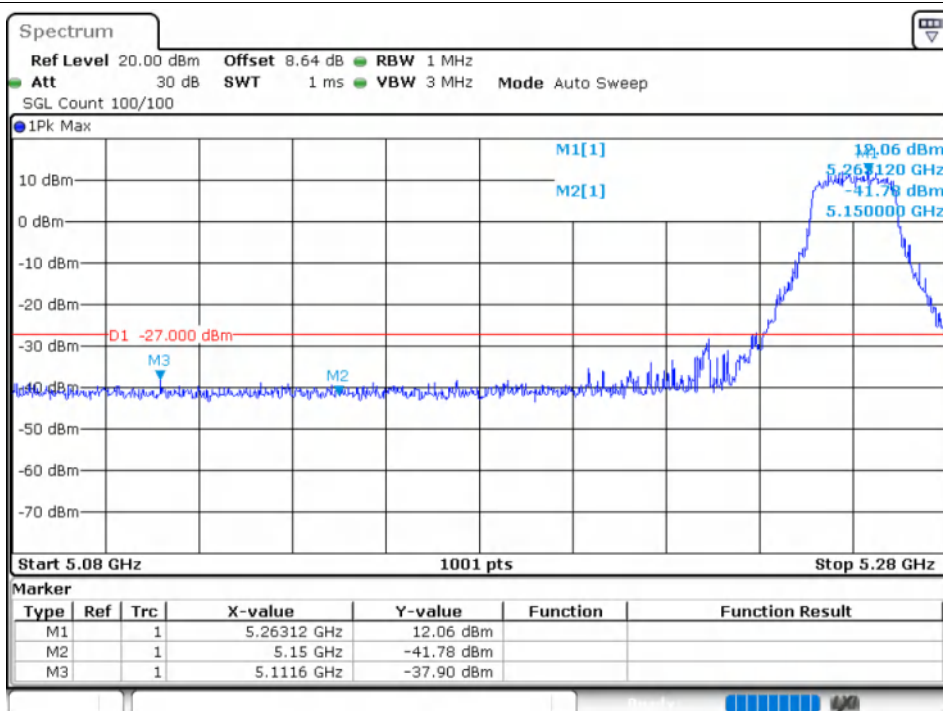
## Band Edge NVNT a 5260MHz Low Ant1



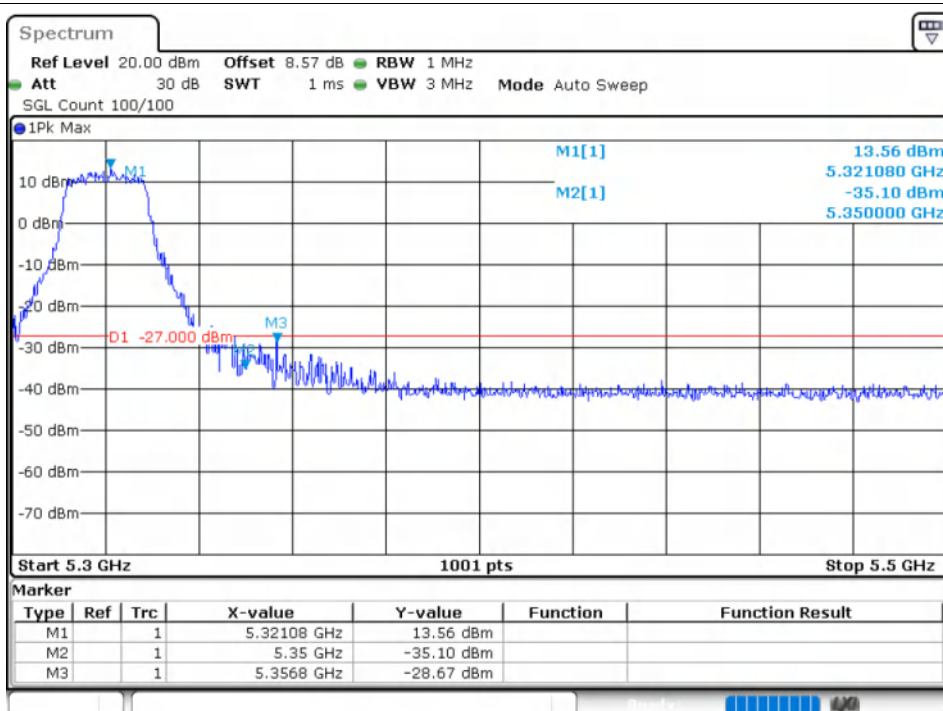
## Band Edge NVNT a 5320MHz High Ant1



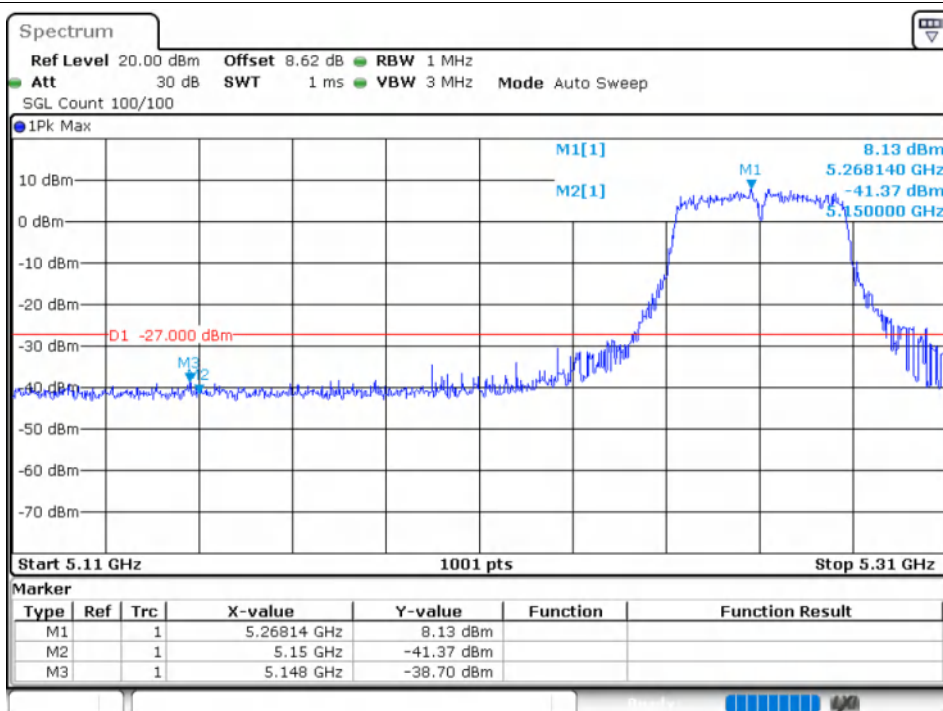
Band Edge NVNT n20 5260MHz Low Ant1



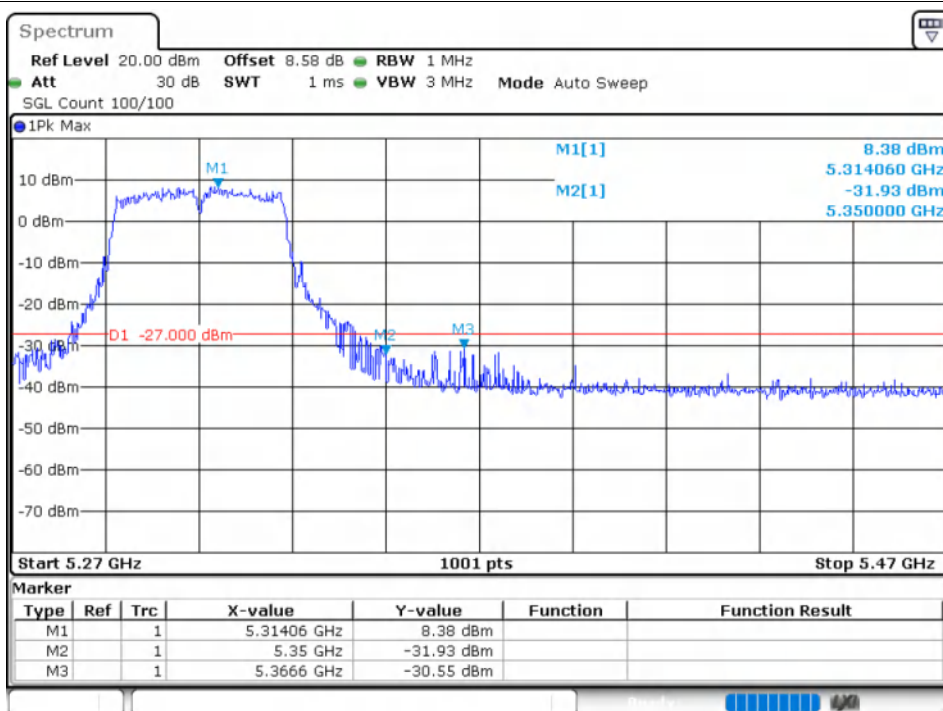
Band Edge NVNT n20 5320MHz High Ant1

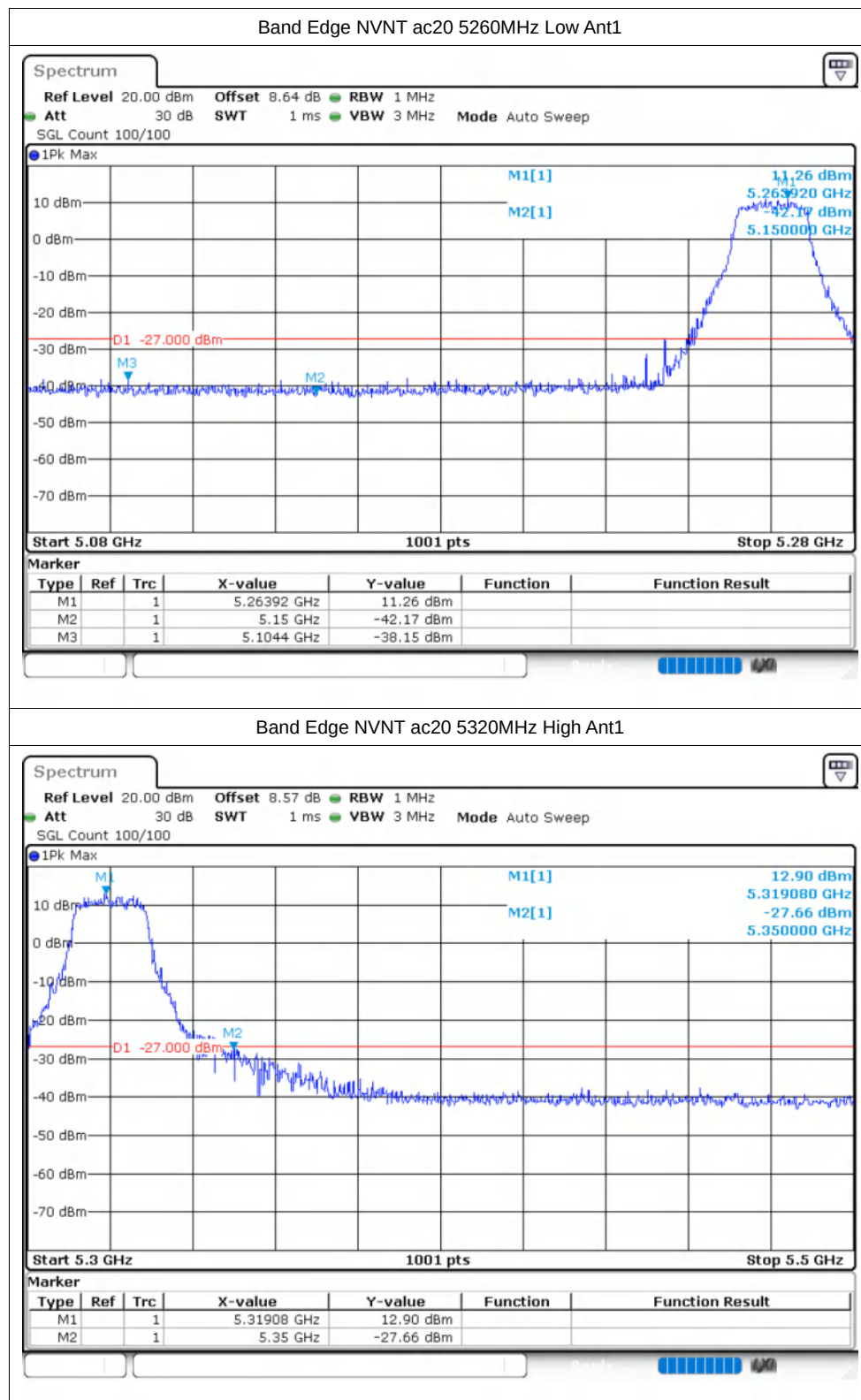


Band Edge NVNT n40 5270MHz Low Ant1

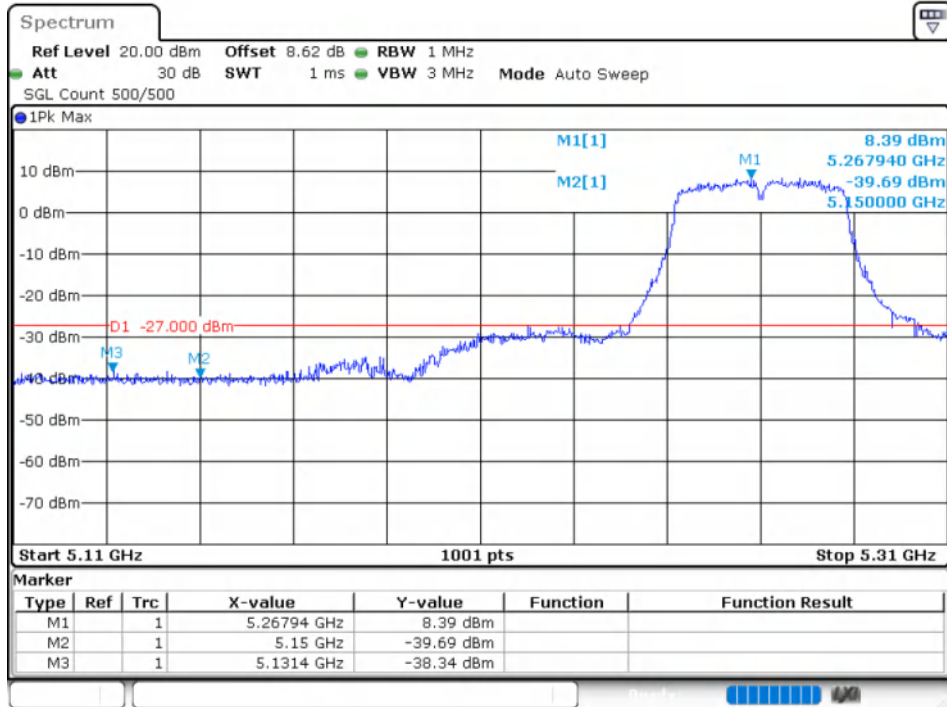


Band Edge NVNT n40 5310MHz High Ant1

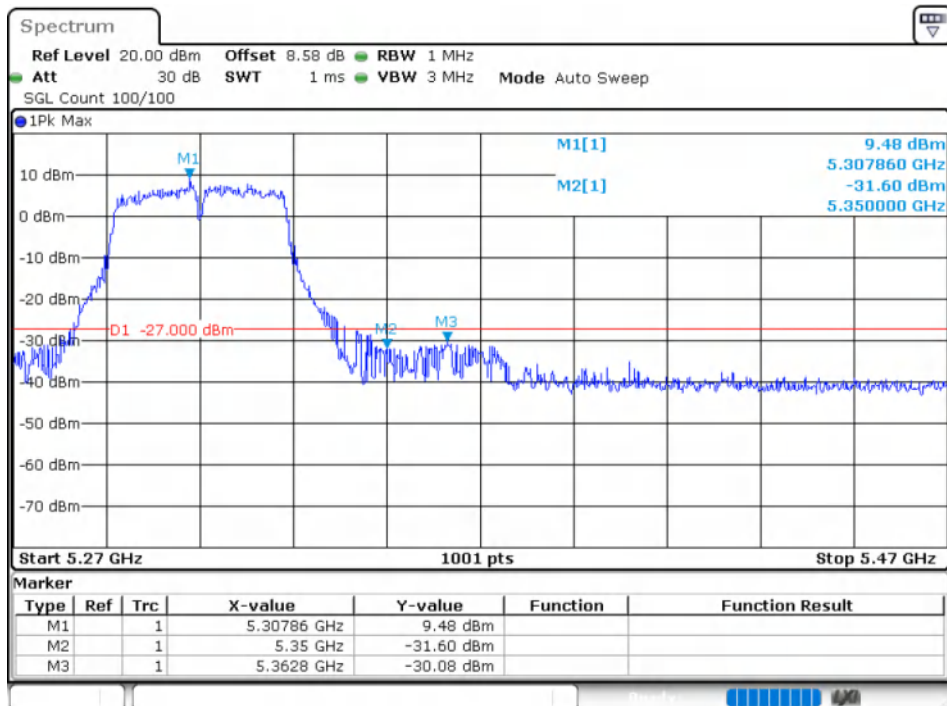




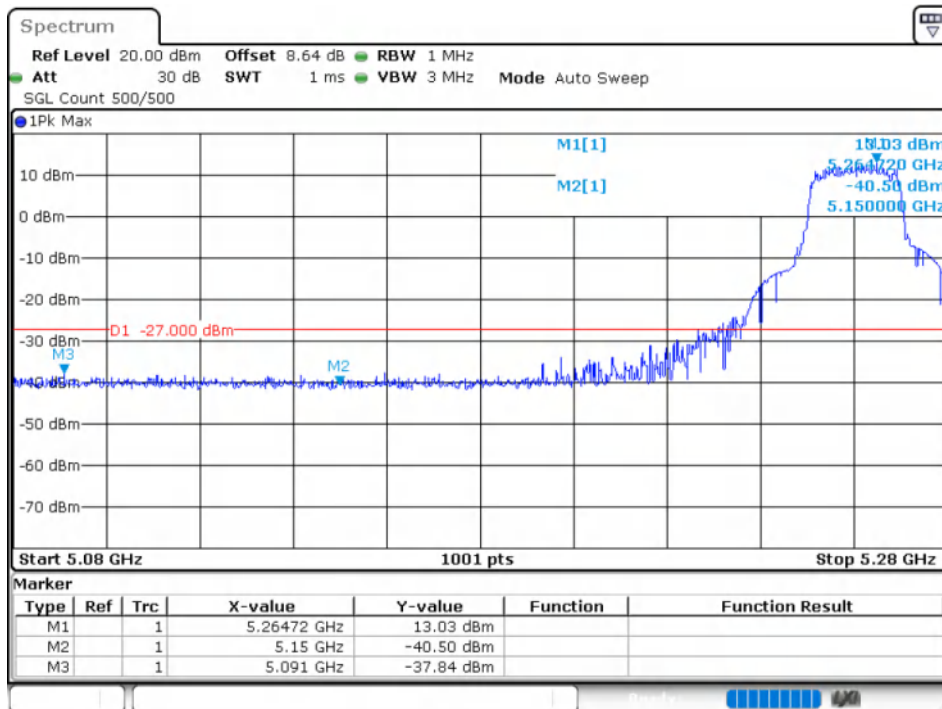
Band Edge NVNT ac40 5270MHz Low Ant1



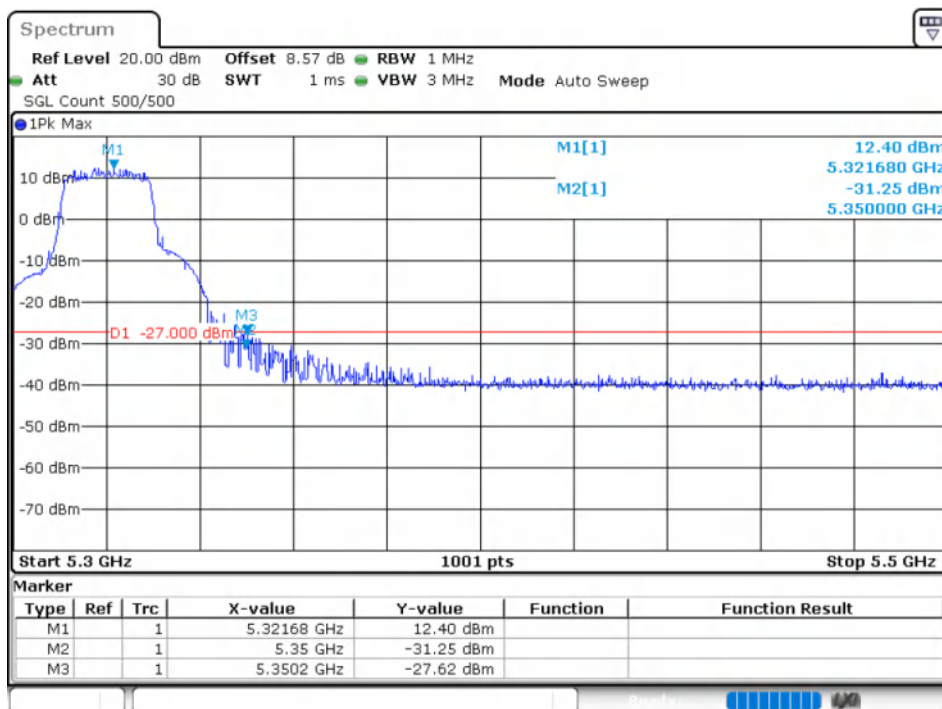
Band Edge NVNT ac40 5310MHz High Ant1



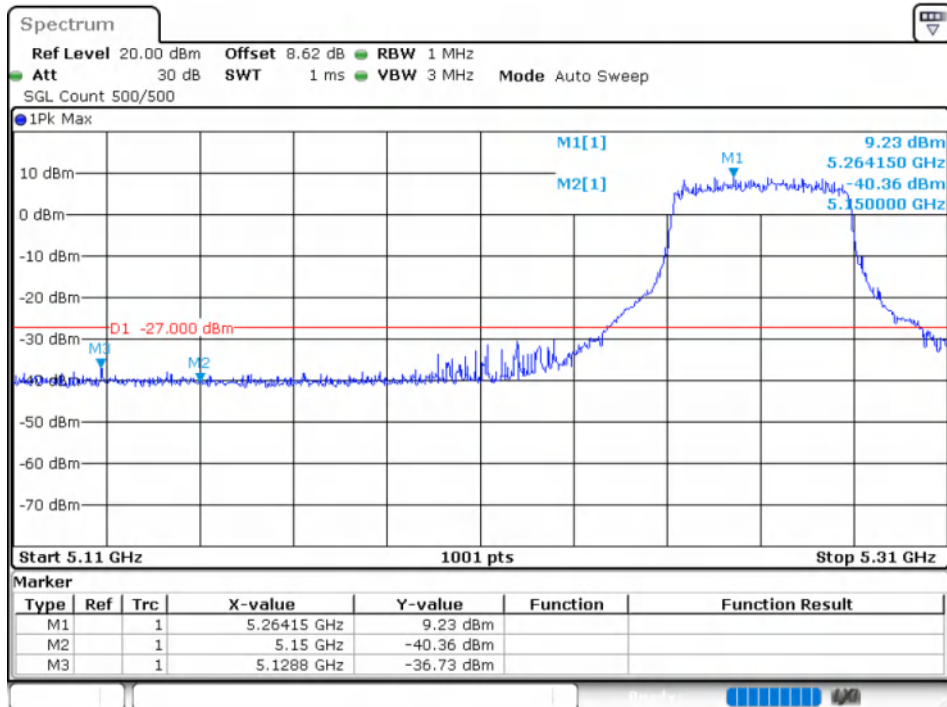
Band Edge NVNT ax20 5260MHz Low Ant1



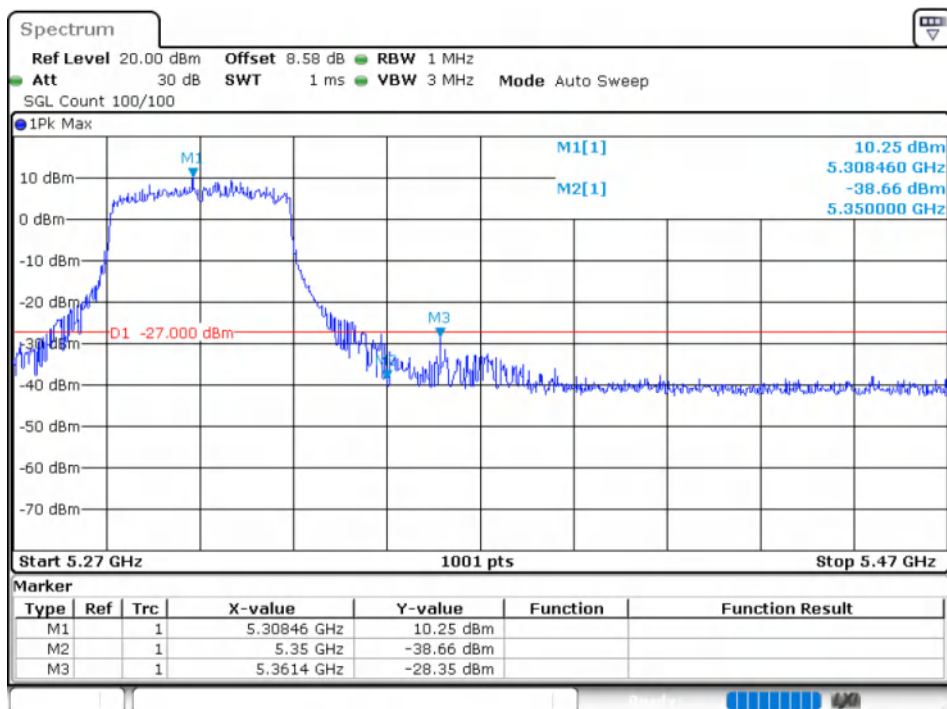
Band Edge NVNT ax20 5320MHz High Ant1



Band Edge NVNT ax40 5270MHz Low Ant1



Band Edge NVNT ax40 5310MHz High Ant1

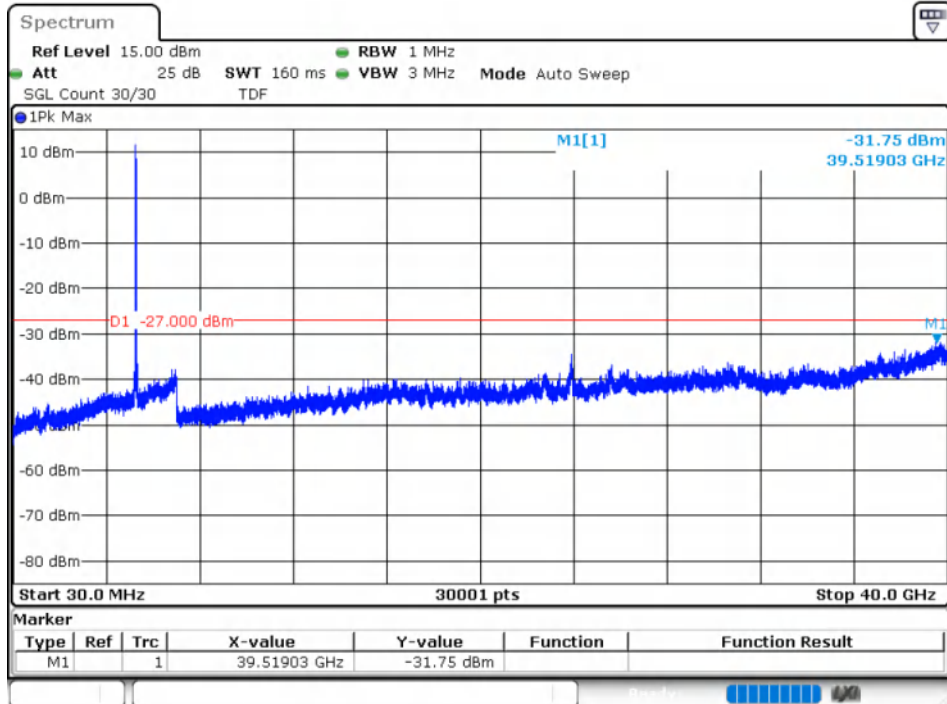


## Conducted RF Spurious Emission

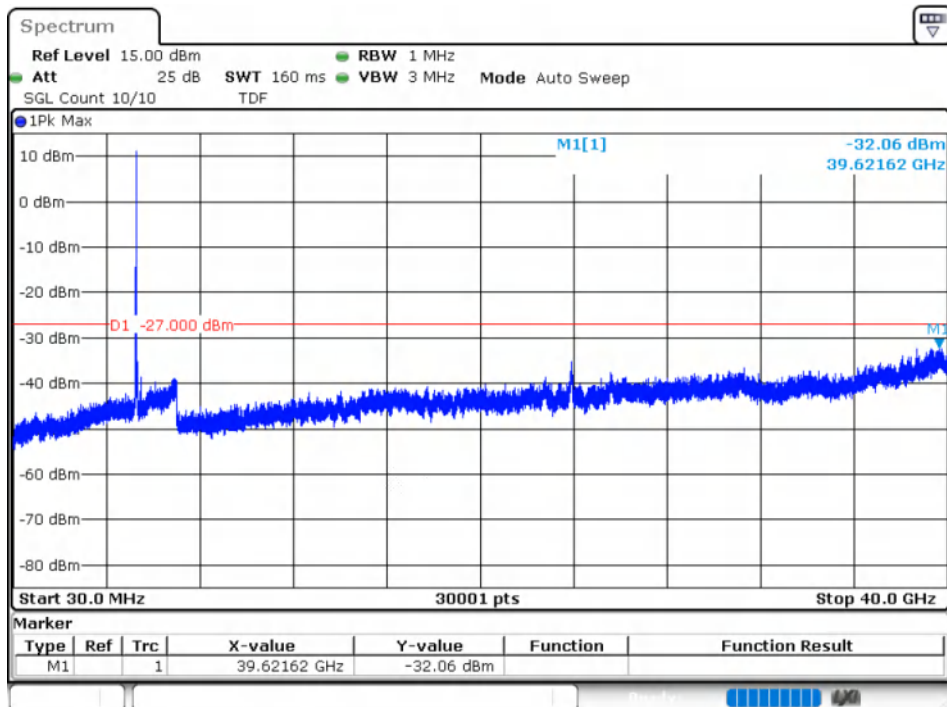
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | -31.74          | -27         | Pass    |
| NVNT      | a    | 5280            | Ant1    | -32.06          | -27         | Pass    |
| NVNT      | a    | 5320            | Ant1    | -32.35          | -27         | Pass    |
| NVNT      | n20  | 5260            | Ant1    | -32.01          | -27         | Pass    |
| NVNT      | n20  | 5280            | Ant1    | -32.19          | -27         | Pass    |
| NVNT      | n20  | 5320            | Ant1    | -31.89          | -27         | Pass    |
| NVNT      | n40  | 5270            | Ant1    | -32.04          | -27         | Pass    |
| NVNT      | n40  | 5310            | Ant1    | -31.73          | -27         | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | -31.18          | -27         | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | -31.89          | -27         | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | -31.63          | -27         | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | -32.43          | -27         | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | -32.02          | -27         | Pass    |
| NVNT      | ax20 | 5260            | Ant1    | -31.86          | -27         | Pass    |
| NVNT      | ax20 | 5280            | Ant1    | -31.92          | -27         | Pass    |
| NVNT      | ax20 | 5320            | Ant1    | -31.09          | -27         | Pass    |
| NVNT      | ax40 | 5270            | Ant1    | -30.4           | -27         | Pass    |
| NVNT      | ax40 | 5310            | Ant1    | -31.74          | -27         | Pass    |

Test Graphs

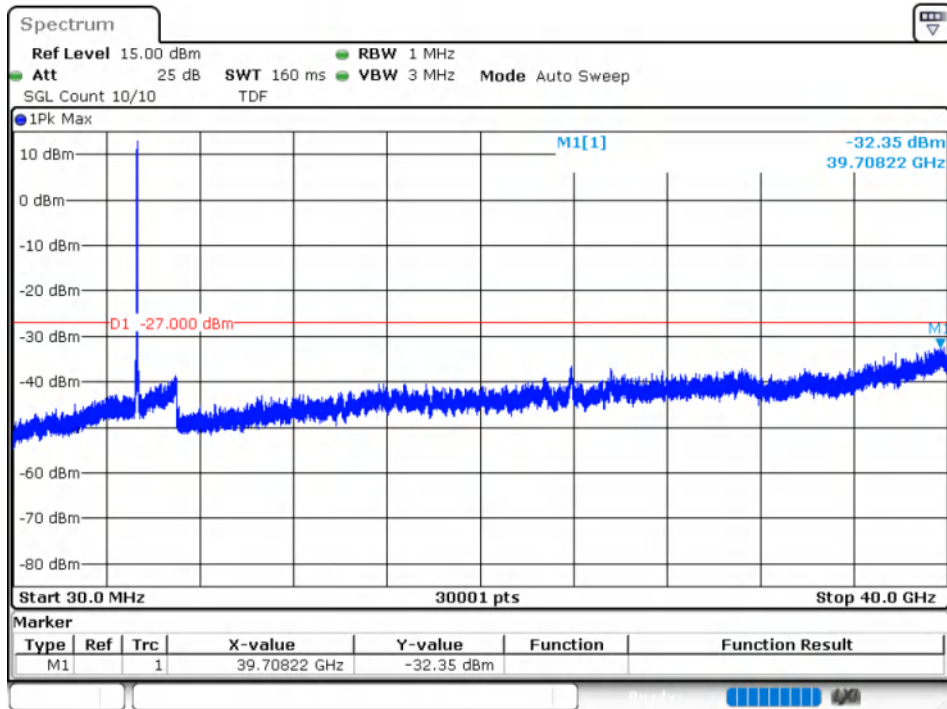
Tx. Spurious NVNT a 5260MHz Ant1 Emission



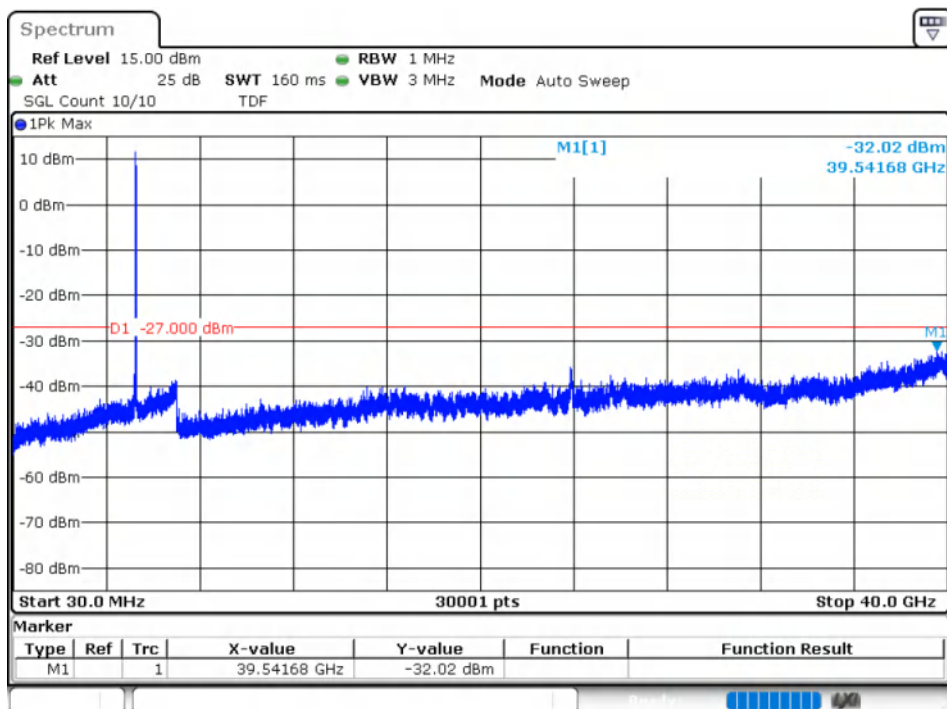
Tx. Spurious NVNT a 5280MHz Ant1 Emission



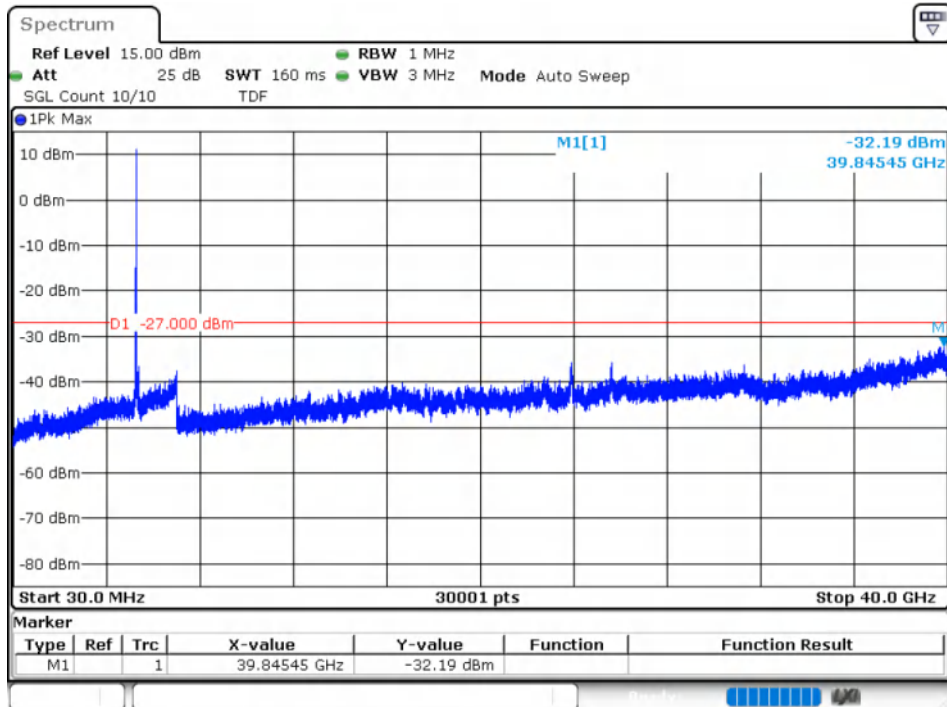
Tx. Spurious NVNT a 5320MHz Ant1 Emission



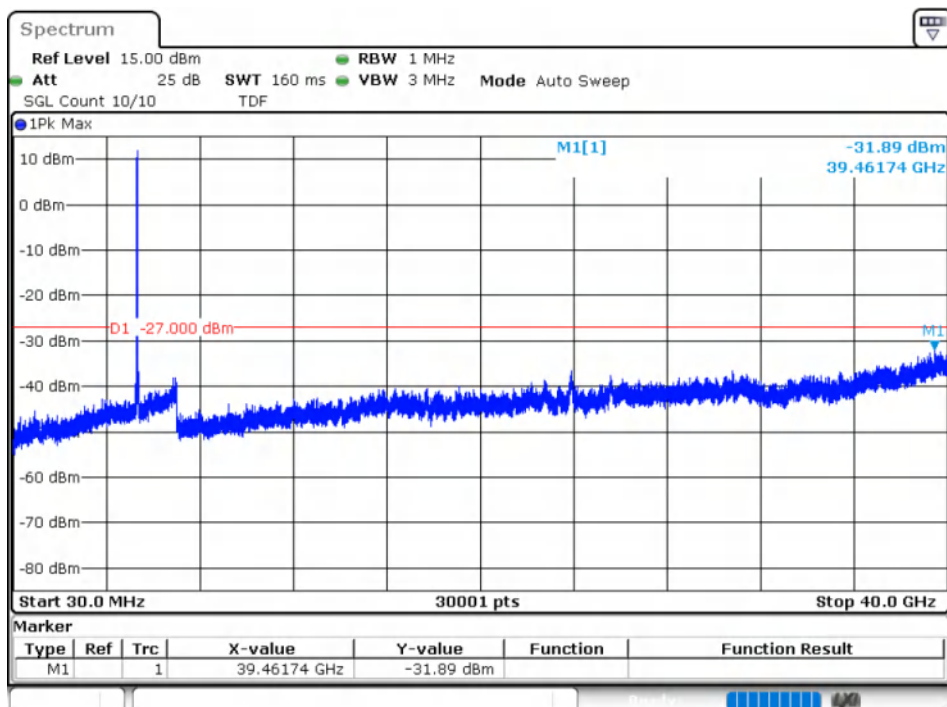
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



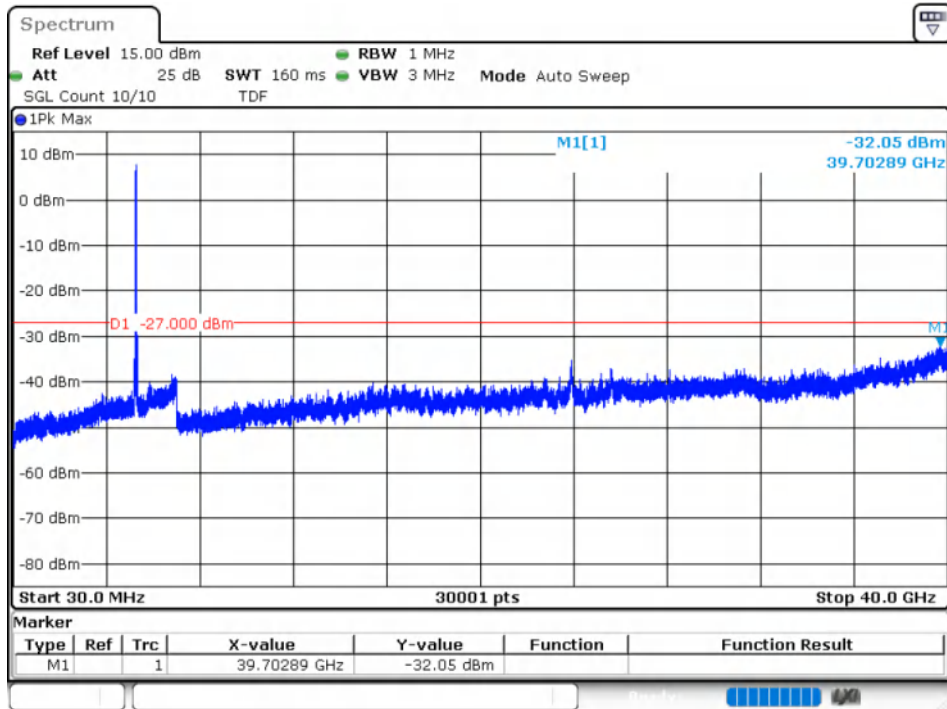
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



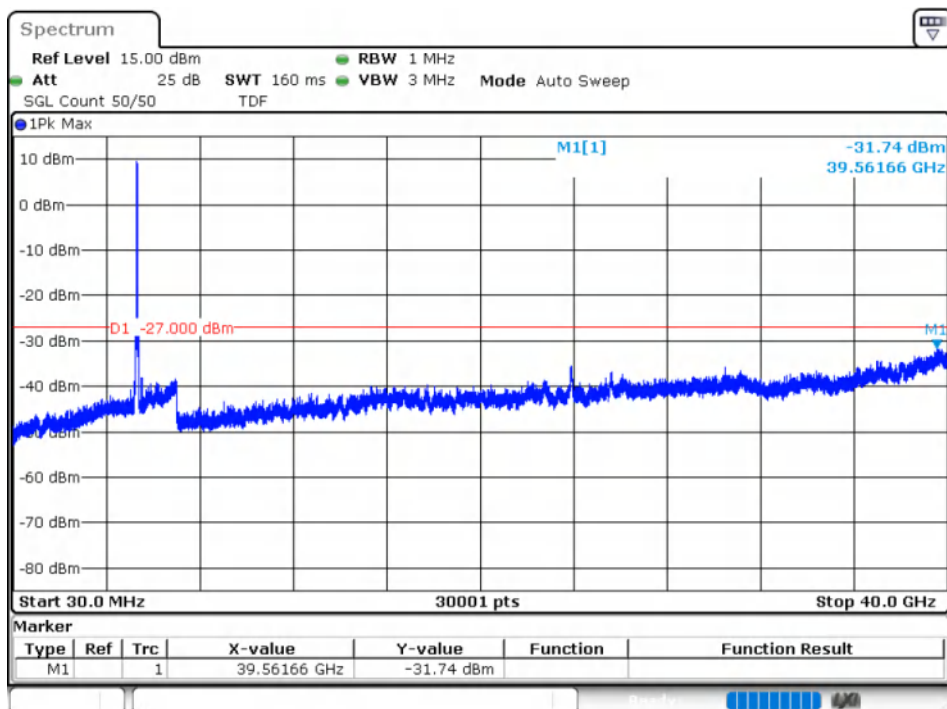
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



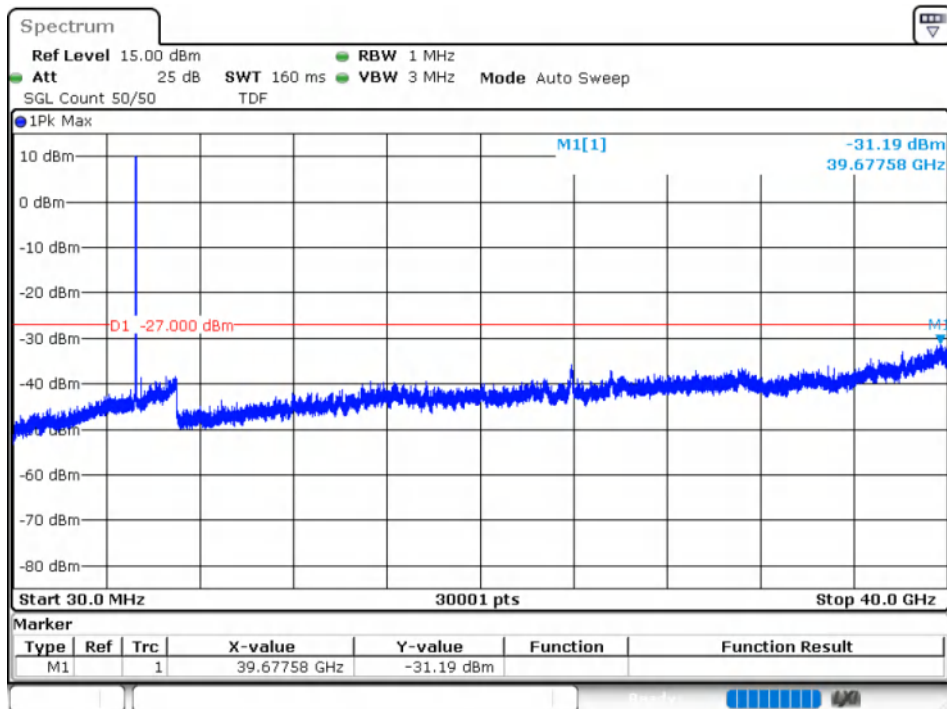
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



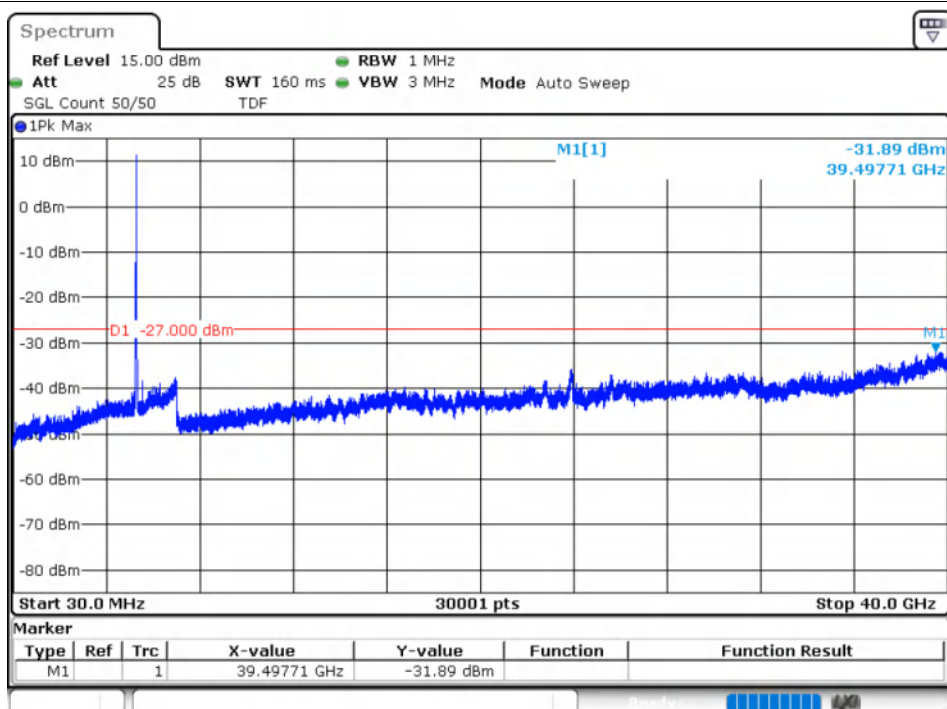
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



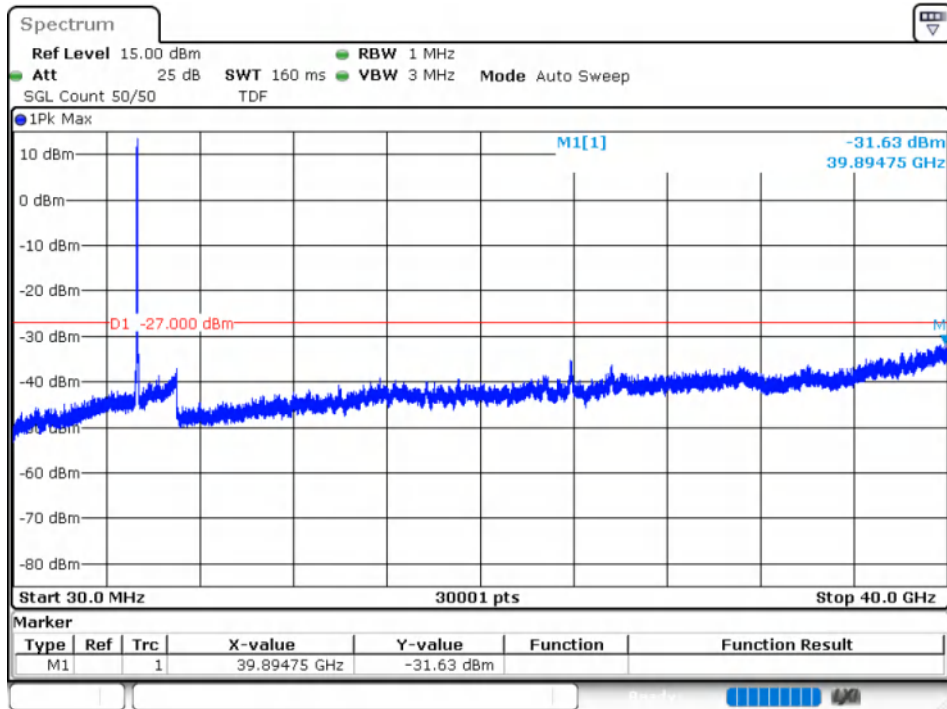
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



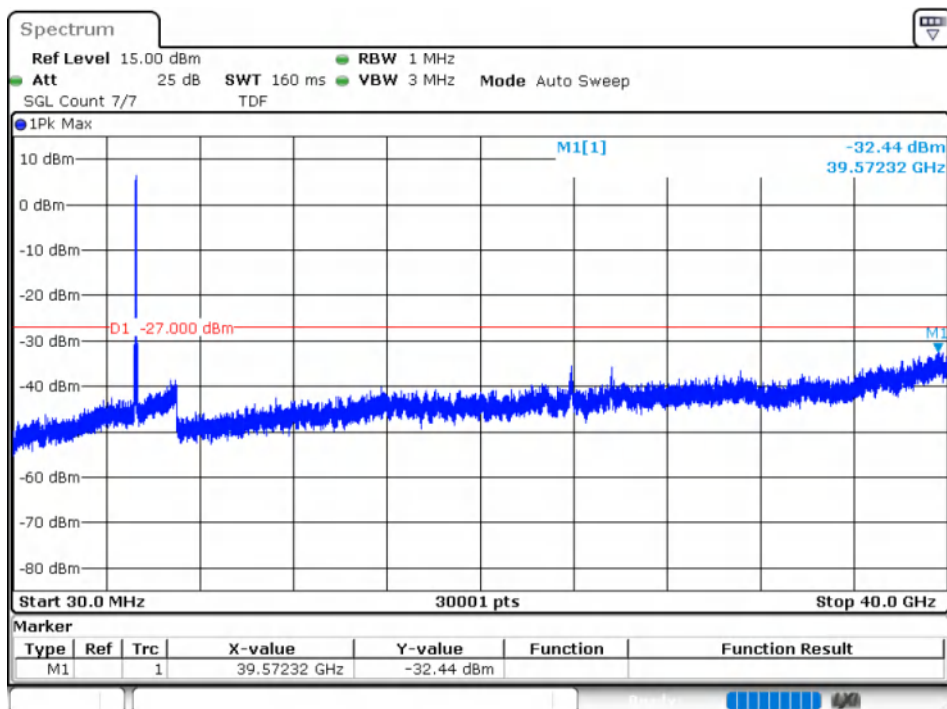
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



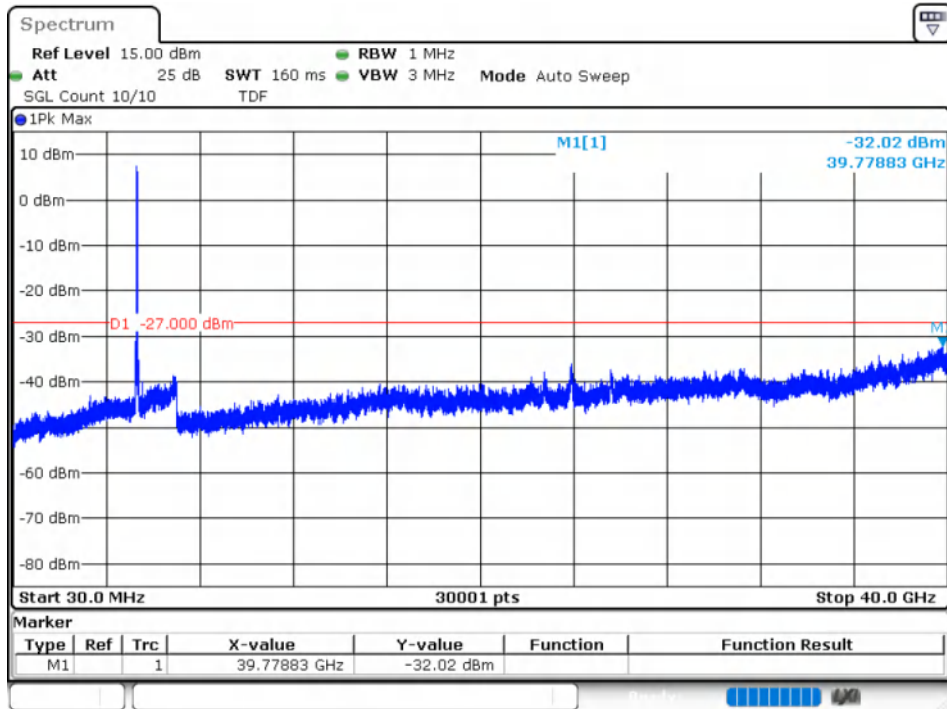
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



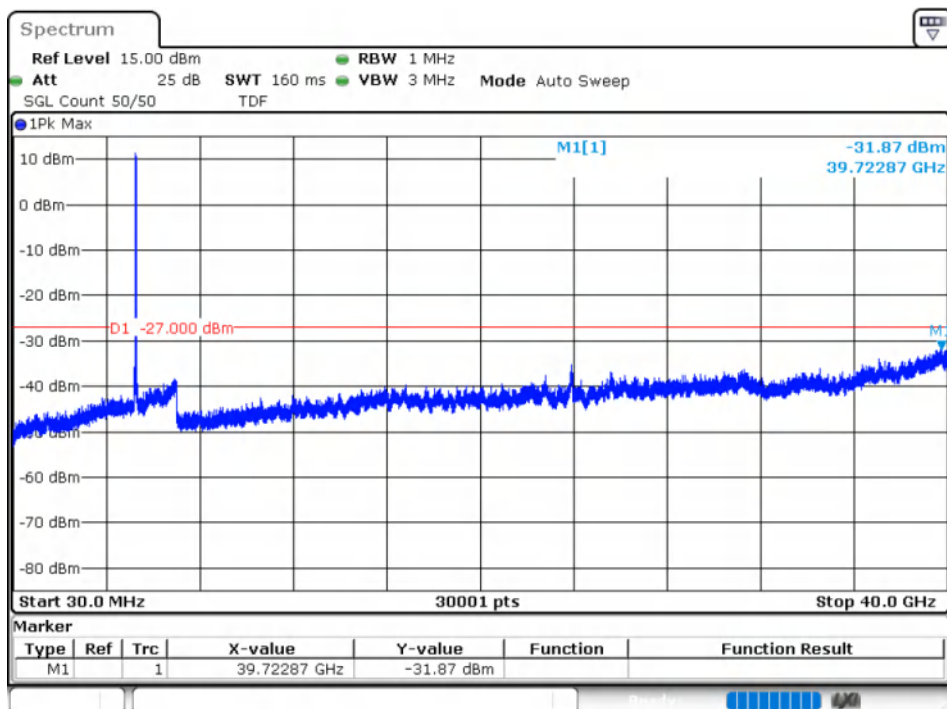
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



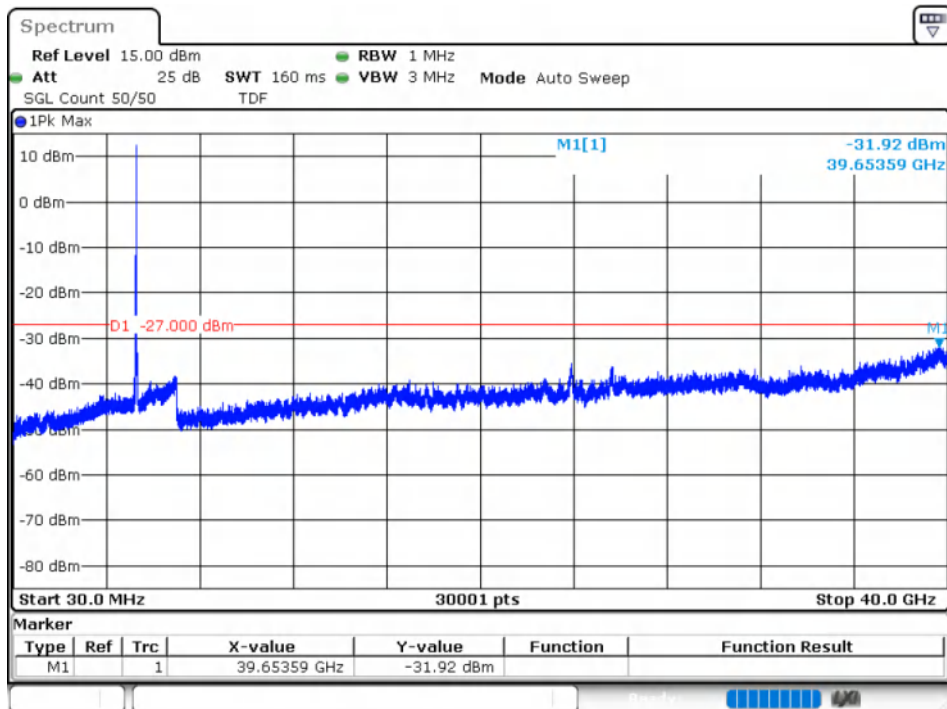
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



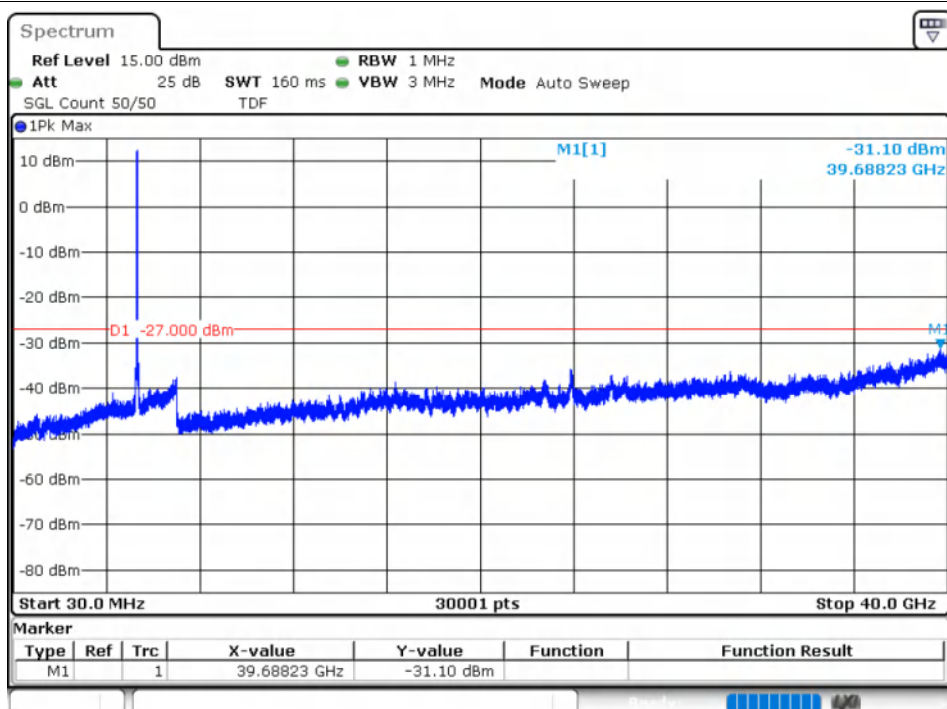
Tx. Spurious NVNT ax20 5260MHz Ant1 Emission



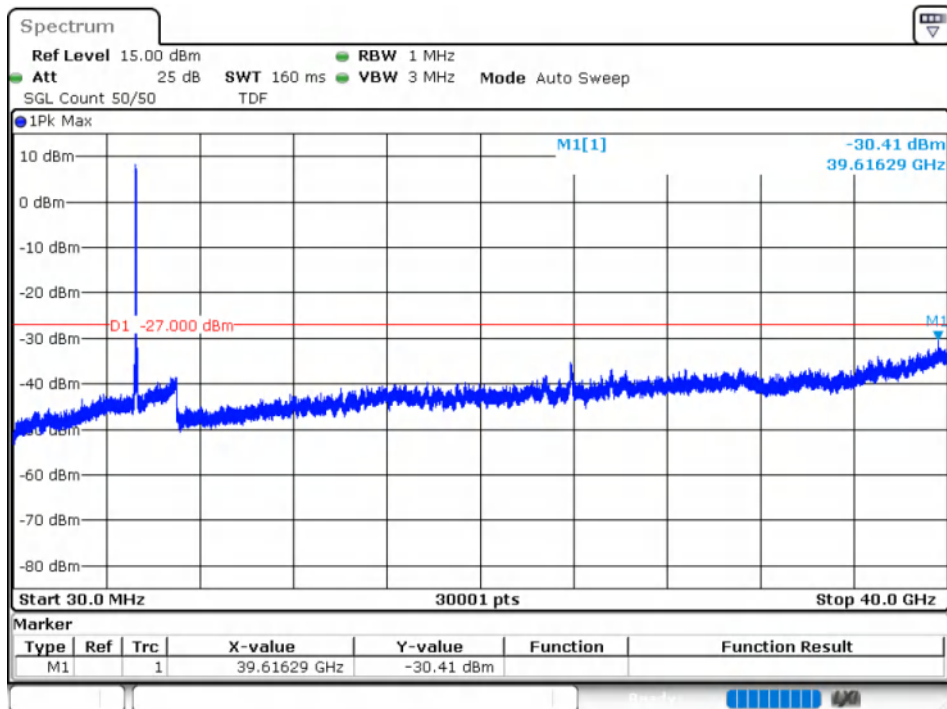
Tx. Spurious NVNT ax20 5280MHz Ant1 Emission



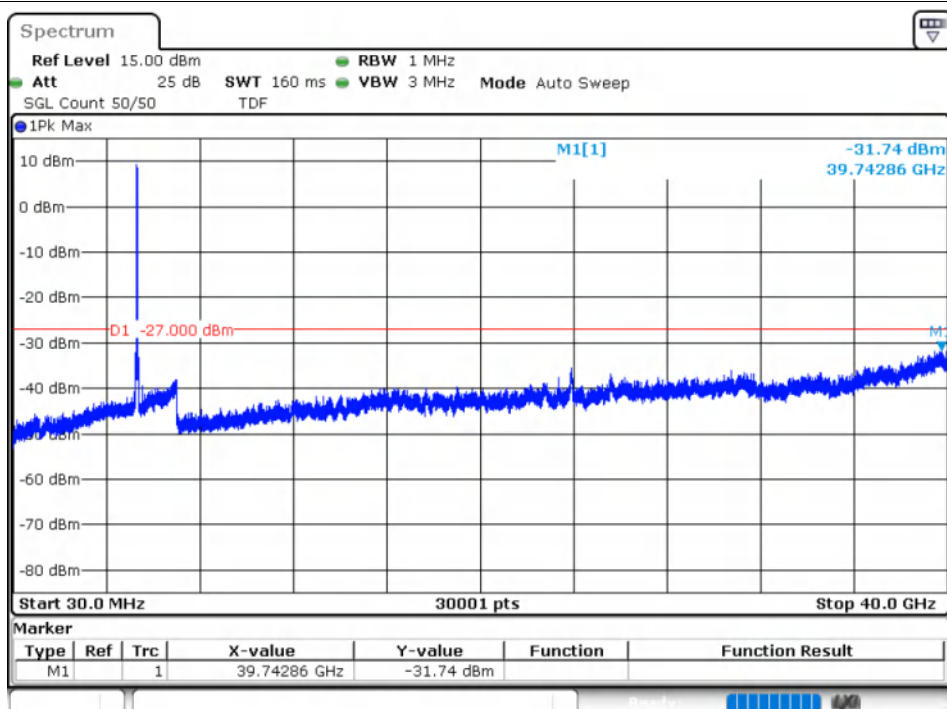
Tx. Spurious NVNT ax20 5320MHz Ant1 Emission



Tx. Spurious NVNT ax40 5270MHz Ant1 Emission



Tx. Spurious NVNT ax40 5310MHz Ant1 Emission



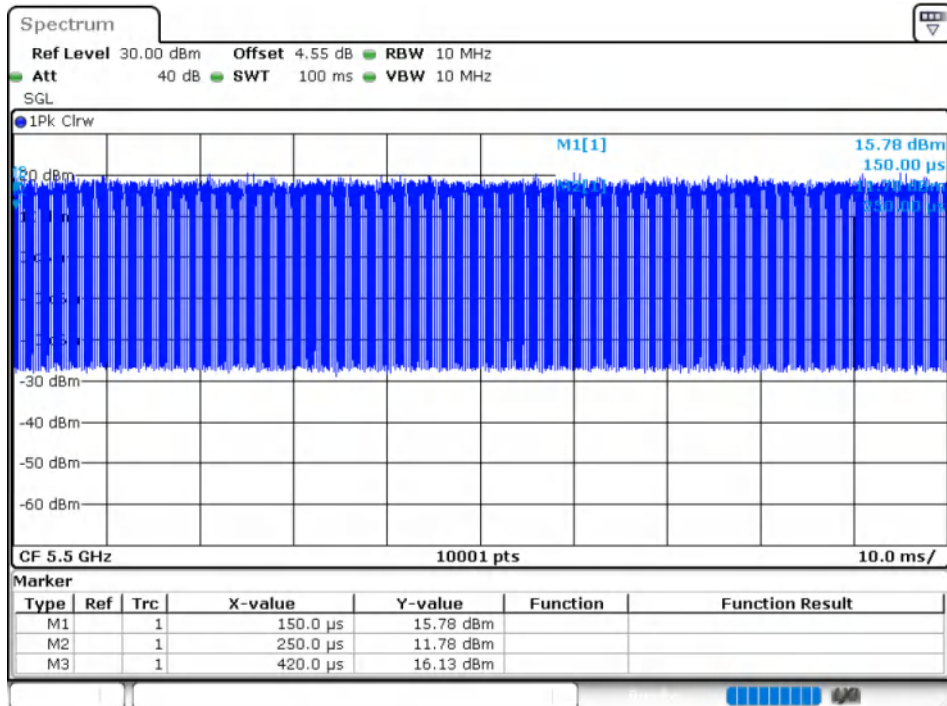
## WIFI 5.6G

### Duty Cycle

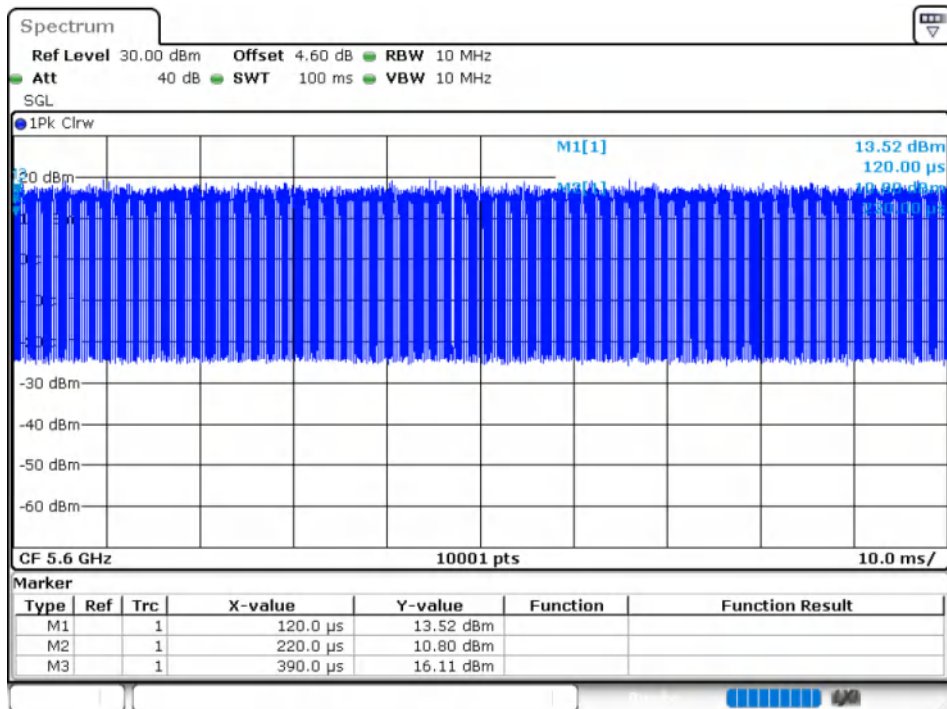
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5500            | Ant1    | 66.26          | 1.79                   | 5.88      |
| NVNT      | a    | 5600            | Ant1    | 65.89          | 1.81                   | 5.88      |
| NVNT      | a    | 5700            | Ant1    | 66.09          | 1.8                    | 5.88      |
| NVNT      | n20  | 5500            | Ant1    | 64.63          | 1.9                    | 6.25      |
| NVNT      | n20  | 5600            | Ant1    | 64.18          | 1.93                   | 6.25      |
| NVNT      | n20  | 5700            | Ant1    | 64.62          | 1.9                    | 6.25      |
| NVNT      | n40  | 5510            | Ant1    | 23.4           | 6.31                   | 11.11     |
| NVNT      | n40  | 5590            | Ant1    | 53.42          | 2.72                   | 10        |
| NVNT      | n40  | 5670            | Ant1    | 53.46          | 2.72                   | 10        |
| NVNT      | ac20 | 5500            | Ant1    | 66.14          | 1.8                    | 5.88      |
| NVNT      | ac20 | 5600            | Ant1    | 65.97          | 1.81                   | 5.88      |
| NVNT      | ac20 | 5700            | Ant1    | 66.25          | 1.79                   | 5.88      |
| NVNT      | ac40 | 5510            | Ant1    | 24.15          | 6.17                   | 10        |
| NVNT      | ac40 | 5590            | Ant1    | 54.37          | 2.65                   | 10        |
| NVNT      | ac40 | 5670            | Ant1    | 54.33          | 2.65                   | 10        |
| NVNT      | ax20 | 5500            | Ant1    | 64.09          | 1.93                   | 6.67      |
| NVNT      | ax20 | 5600            | Ant1    | 63.21          | 1.99                   | 6.25      |
| NVNT      | ax20 | 5700            | Ant1    | 64.05          | 1.93                   | 6.67      |
| NVNT      | ax40 | 5510            | Ant1    | 56.46          | 2.48                   | 9.09      |
| NVNT      | ax40 | 5590            | Ant1    | 56.45          | 2.48                   | 9.09      |
| NVNT      | ax40 | 5670            | Ant1    | 56.45          | 2.48                   | 9.09      |

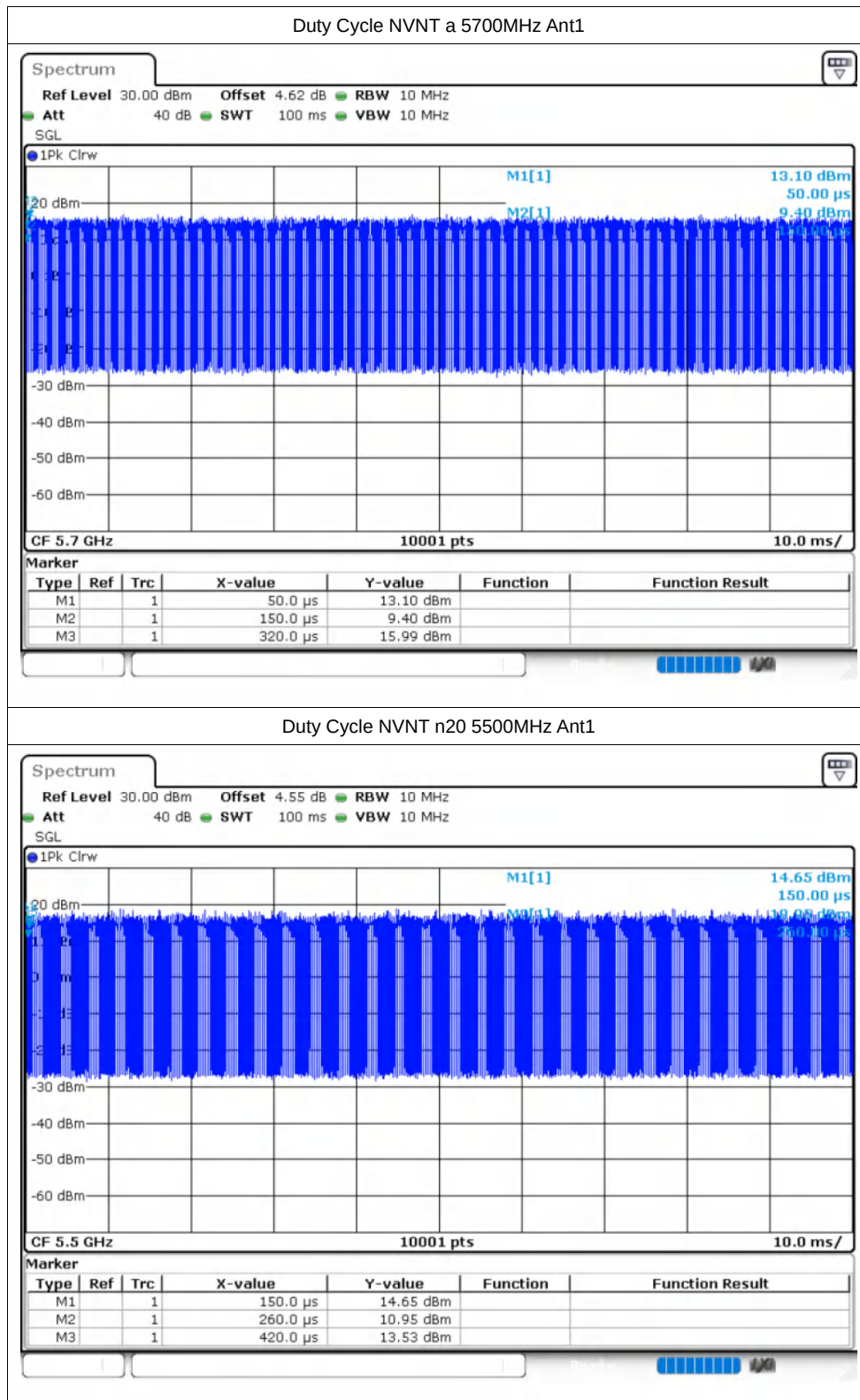
## Test Graphs

### Duty Cycle NVNT a 5500MHz Ant1

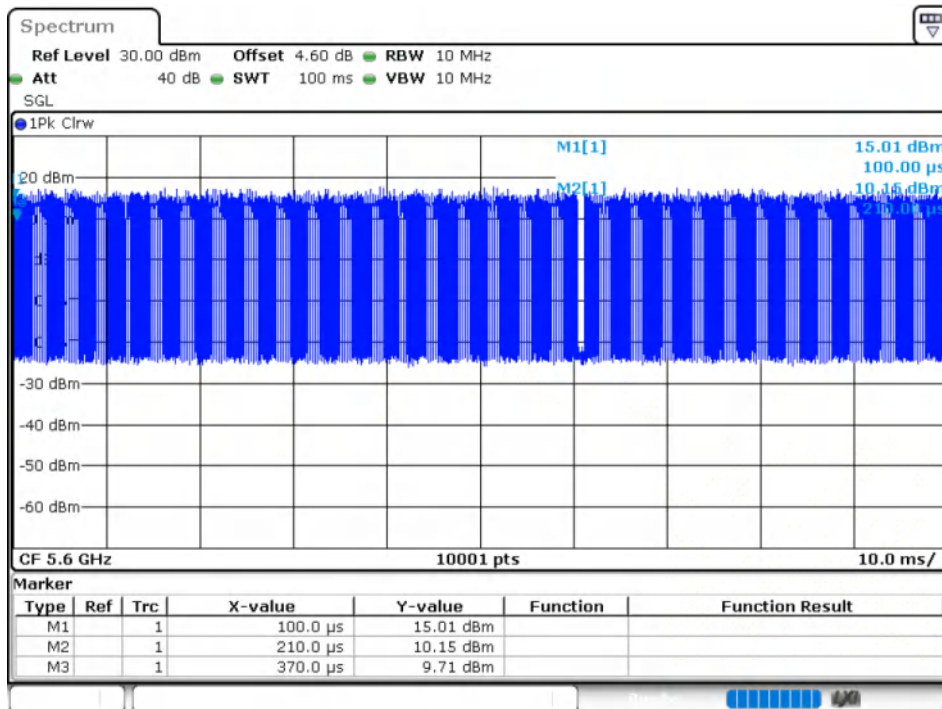


### Duty Cycle NVNT a 5600MHz Ant1

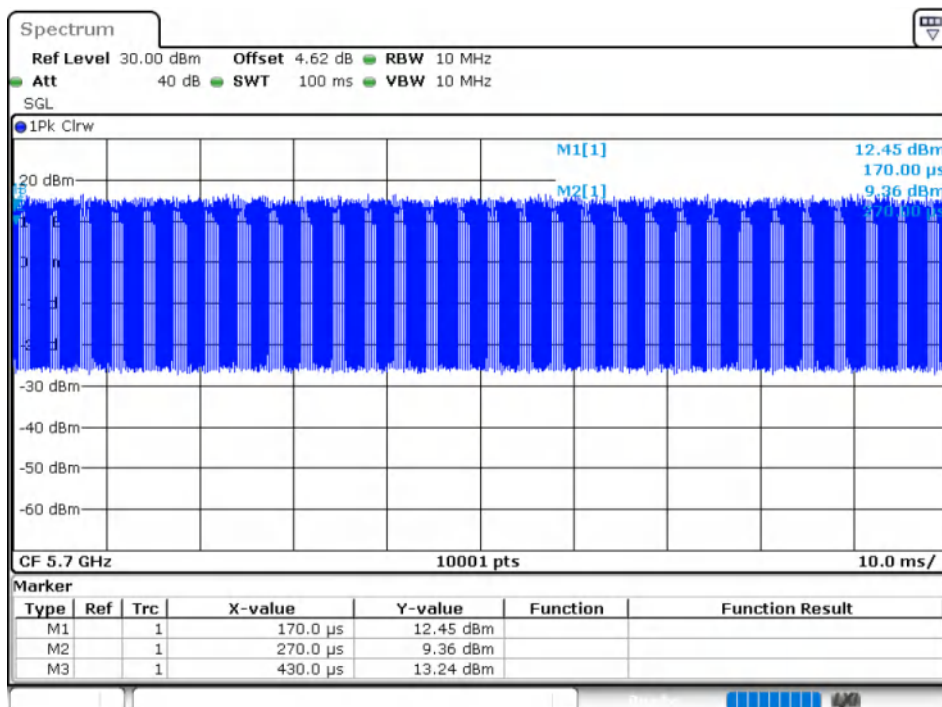


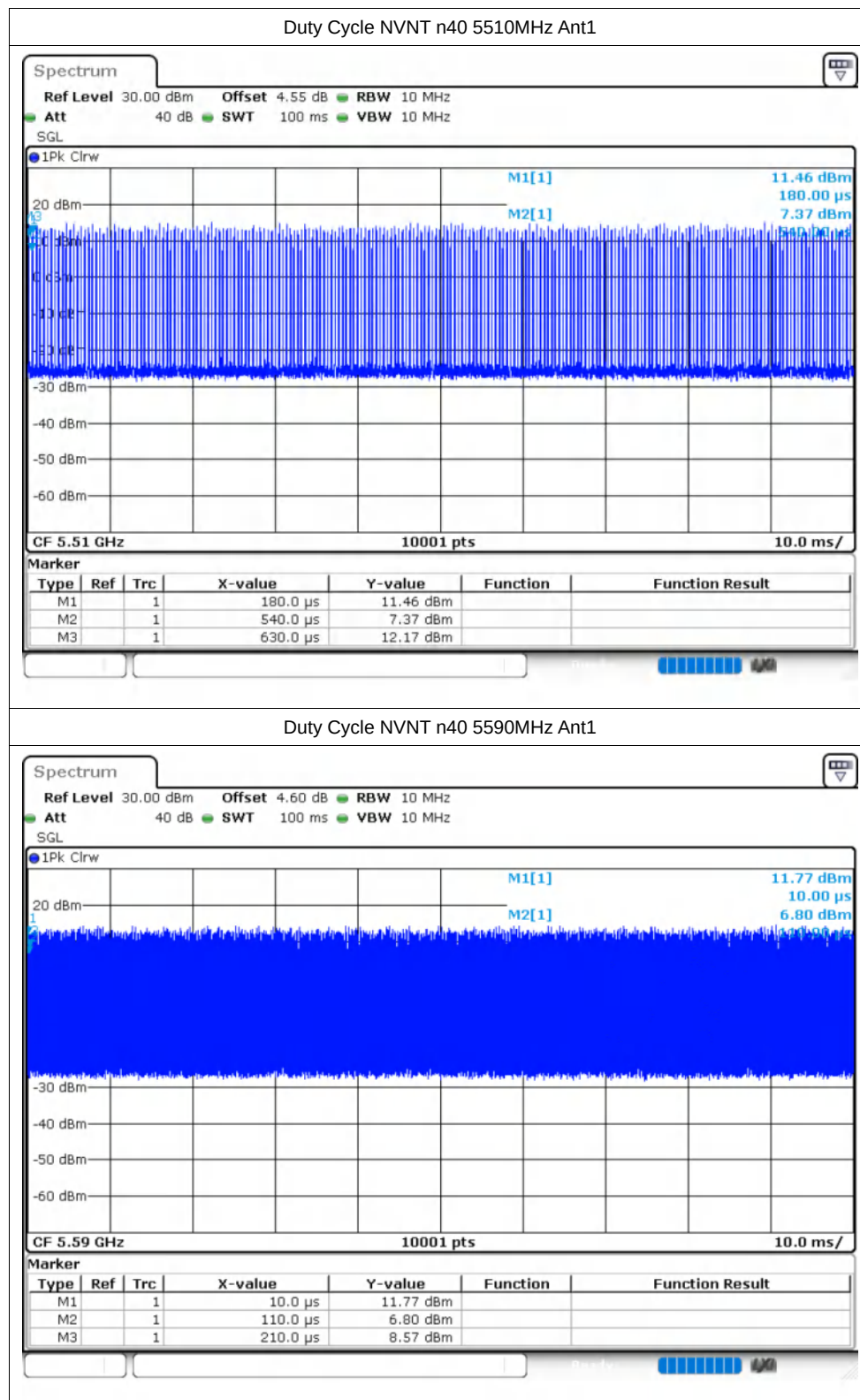


Duty Cycle NVNT n20 5600MHz Ant1

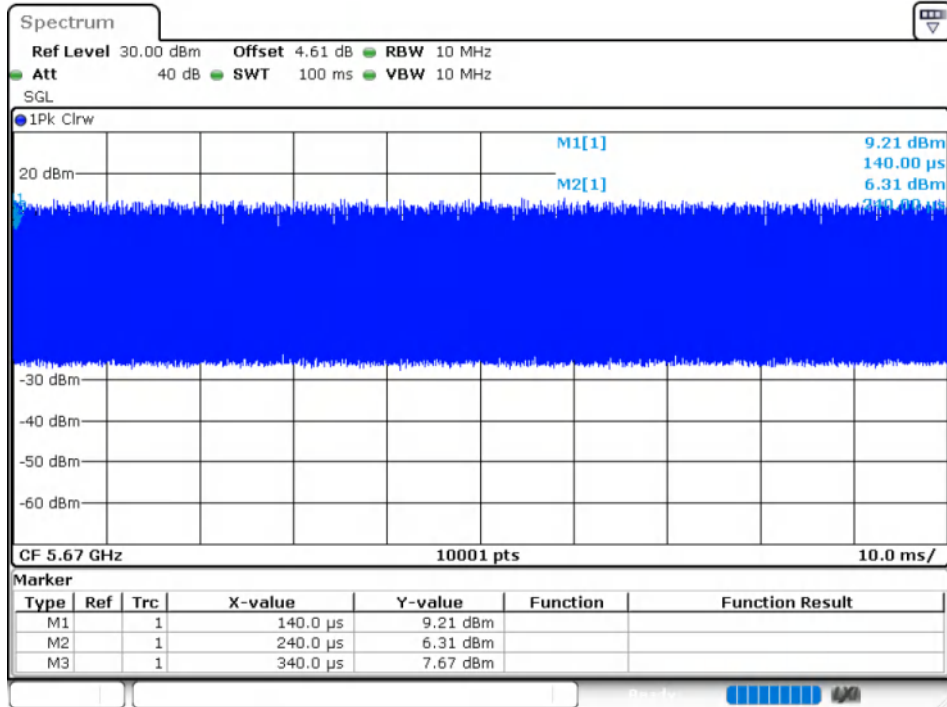


Duty Cycle NVNT n20 5700MHz Ant1





Duty Cycle NVNT n40 5670MHz Ant1



Duty Cycle NVNT ac20 5500MHz Ant1

