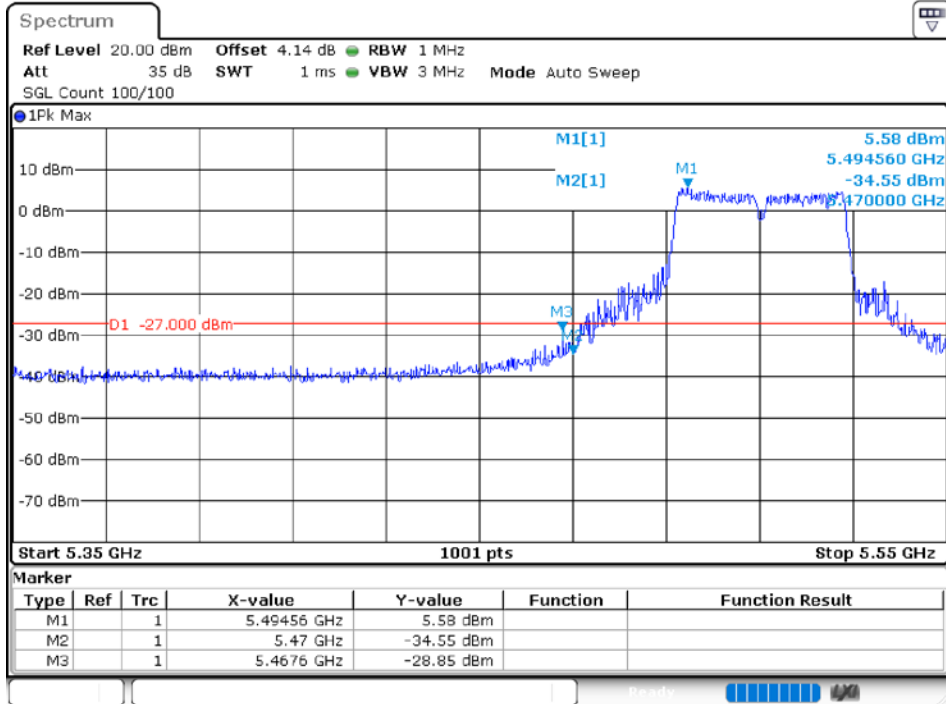
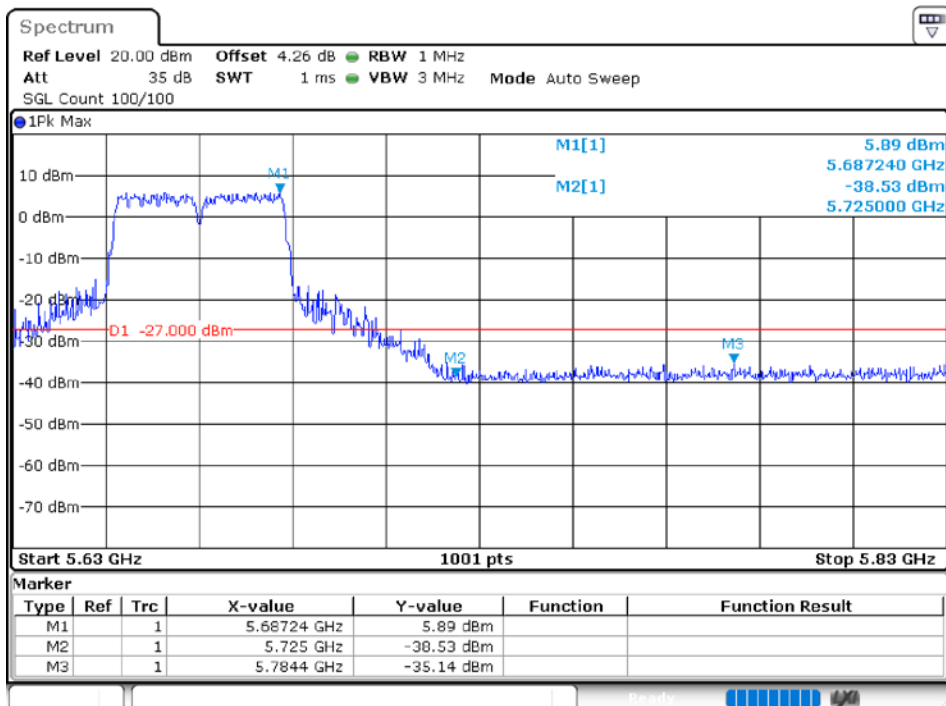
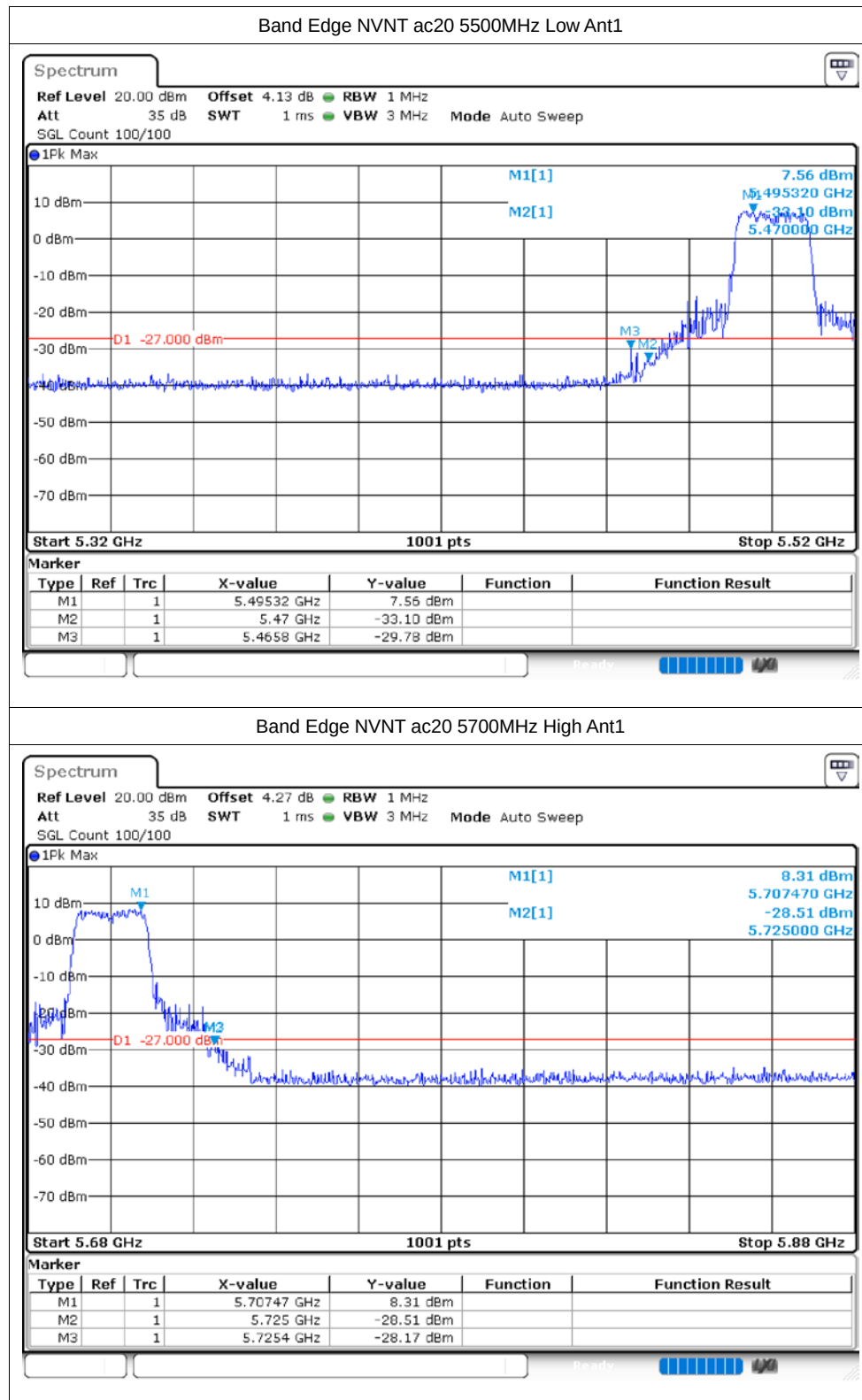


Band Edge NVNT n40 5510MHz Low Ant1

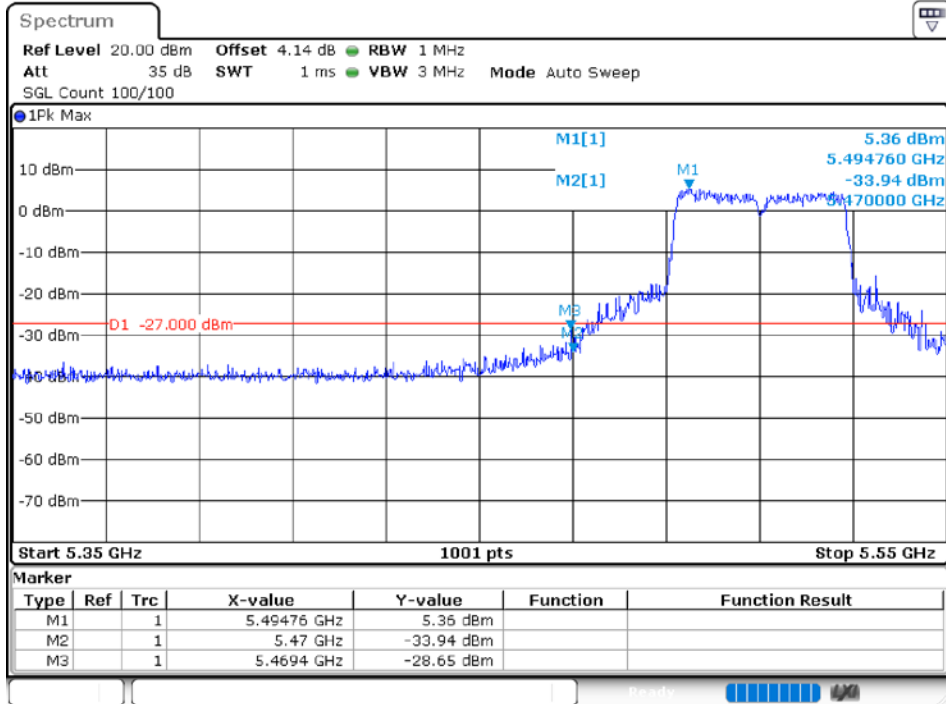


Band Edge NVNT n40 5670MHz High Ant1





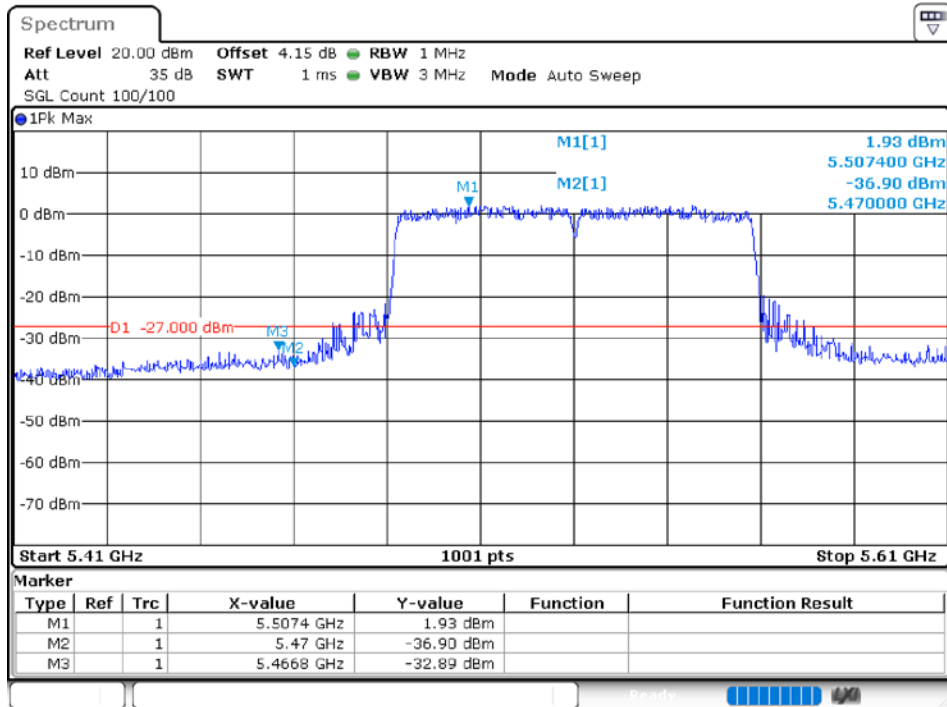
Band Edge NVNT ac40 5510MHz Low Ant1



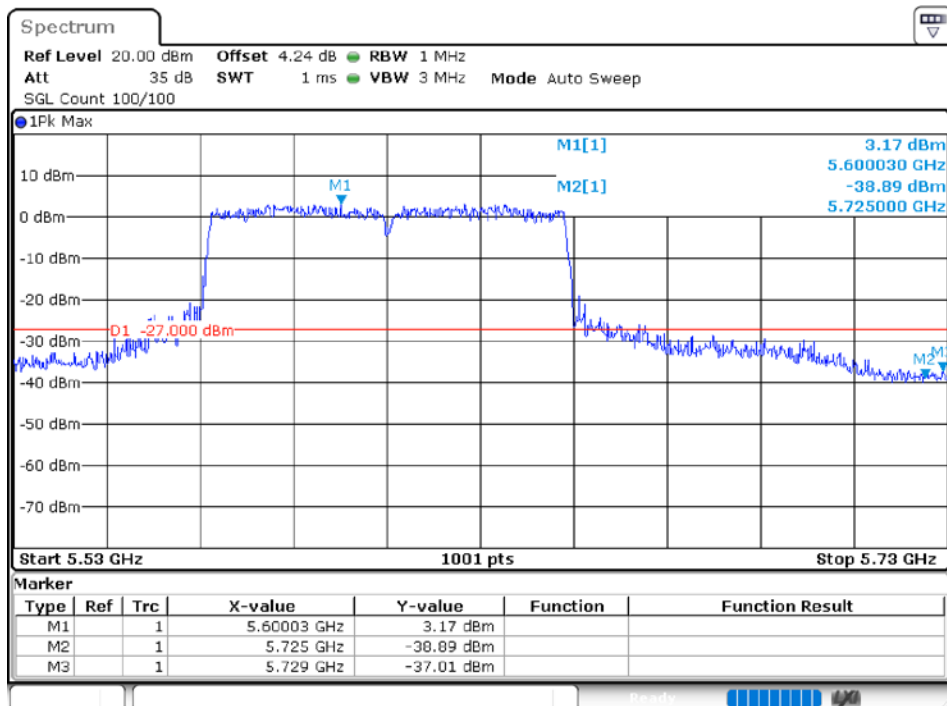
Band Edge NVNT ac40 5670MHz High Ant1



Band Edge NVNT ac80 5530MHz Low Ant1



Band Edge NVNT ac80 5610MHz High Ant1

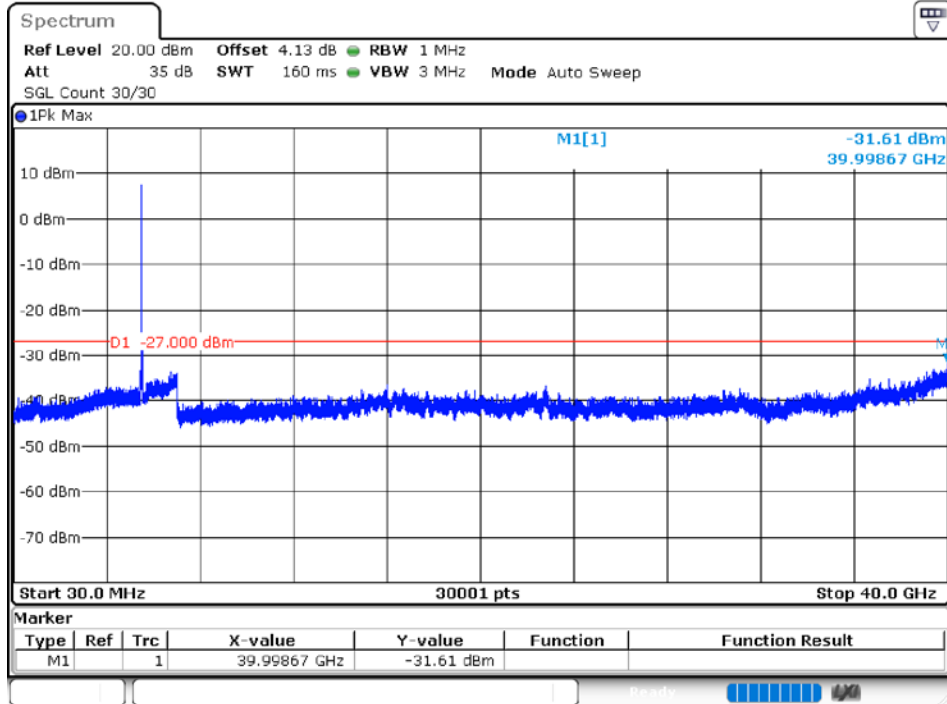


## Conducted RF Spurious Emission

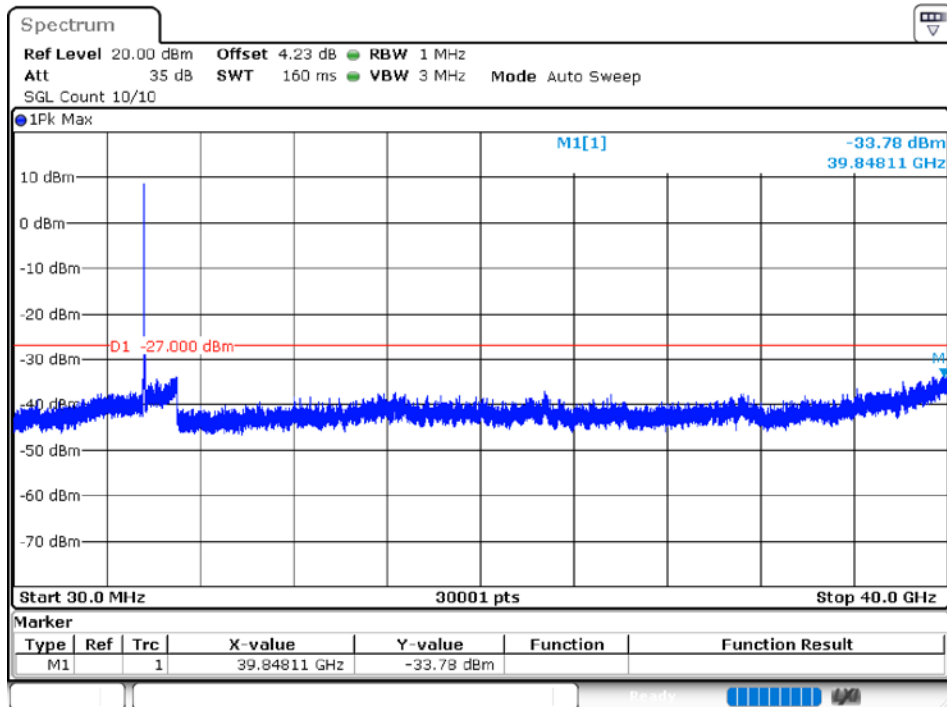
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | -31.61          | -27         | Pass    |
| NVNT      | a    | 5600            | Ant1    | -33.78          | -27         | Pass    |
| NVNT      | a    | 5700            | Ant1    | -32.17          | -27         | Pass    |
| NVNT      | n20  | 5500            | Ant1    | -33.35          | -27         | Pass    |
| NVNT      | n20  | 5600            | Ant1    | -33.05          | -27         | Pass    |
| NVNT      | n20  | 5700            | Ant1    | -32.64          | -27         | Pass    |
| NVNT      | n40  | 5510            | Ant1    | -32.67          | -27         | Pass    |
| NVNT      | n40  | 5590            | Ant1    | -33.15          | -27         | Pass    |
| NVNT      | n40  | 5670            | Ant1    | -31.76          | -27         | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | -32.18          | -27         | Pass    |
| NVNT      | ac20 | 5600            | Ant1    | -32.86          | -27         | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | -32.84          | -27         | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | -33.46          | -27         | Pass    |
| NVNT      | ac40 | 5590            | Ant1    | -32.54          | -27         | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | -31.96          | -27         | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | -33.07          | -27         | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | -30.39          | -27         | Pass    |

Test Graphs

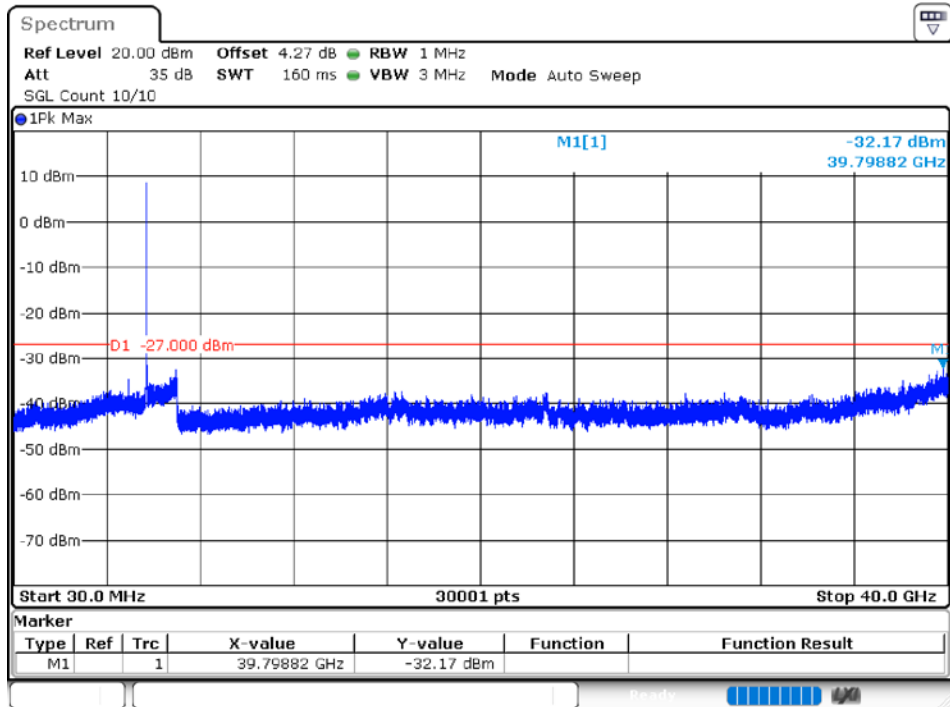
Tx. Spurious NVNT a 5500MHz Ant1 Emission



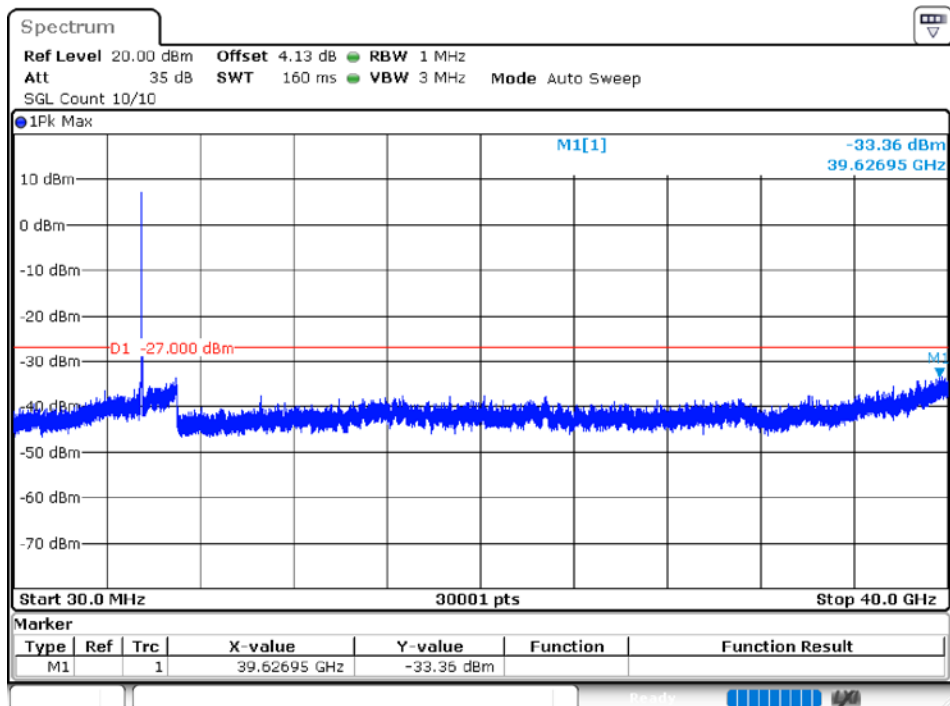
Tx. Spurious NVNT a 5600MHz Ant1 Emission



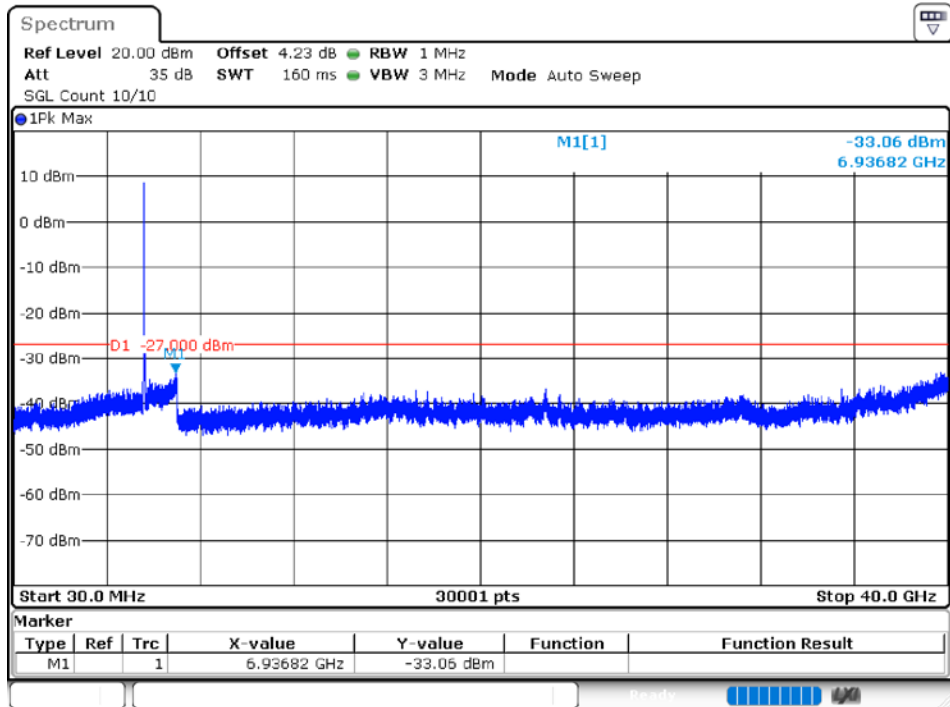
Tx. Spurious NVNT a 5700MHz Ant1 Emission



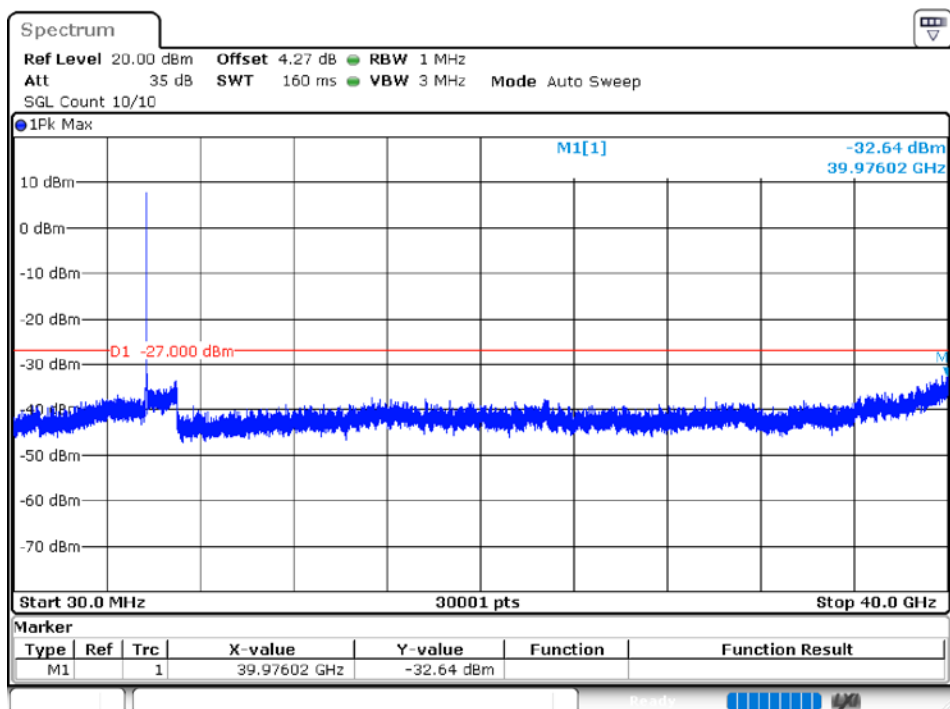
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



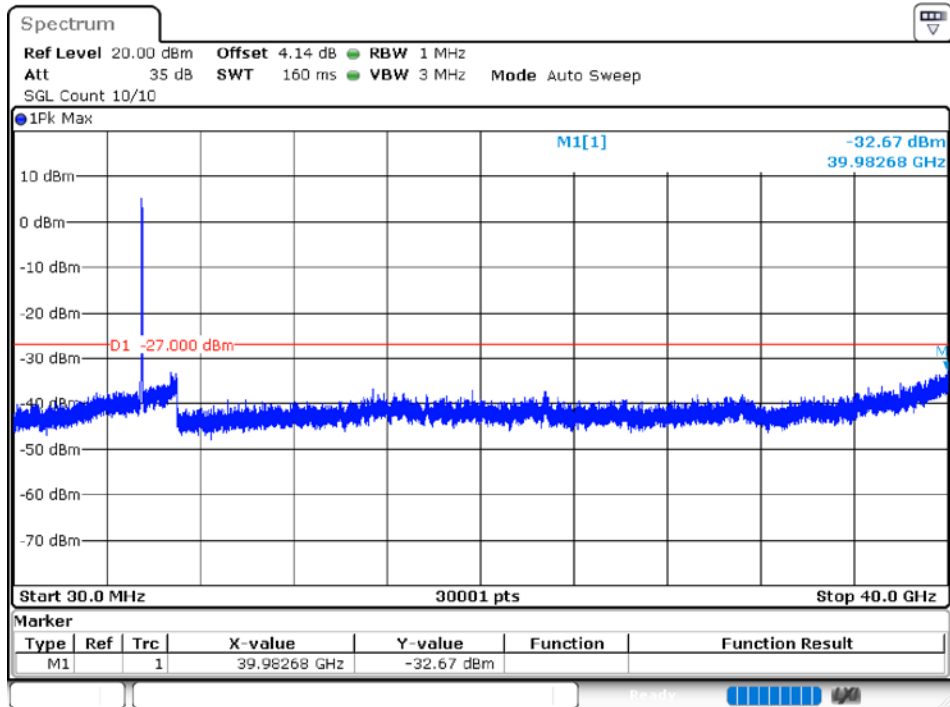
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



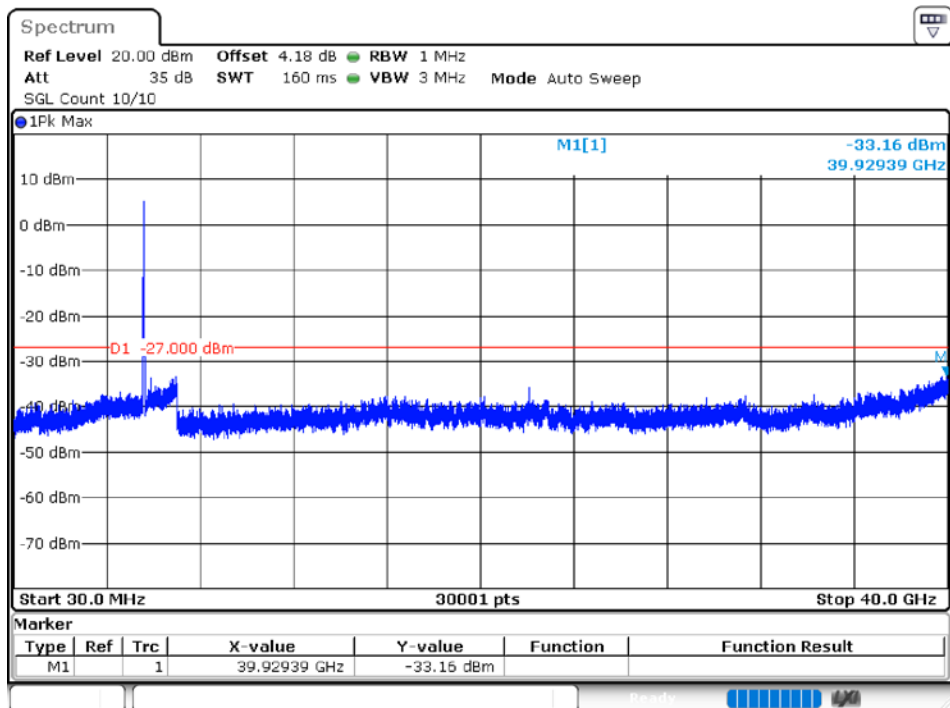
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



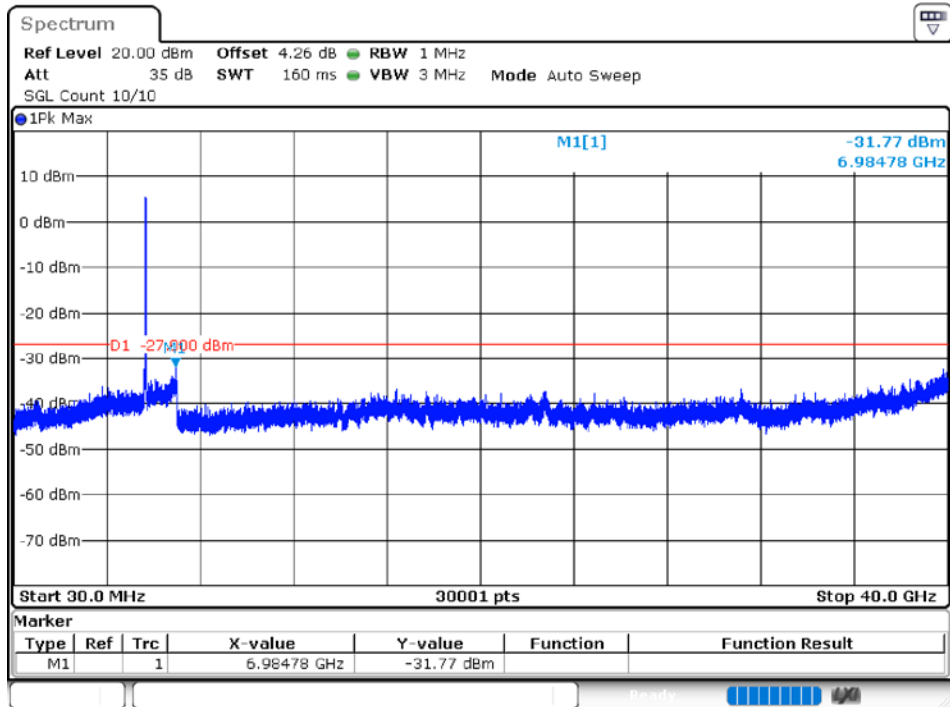
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



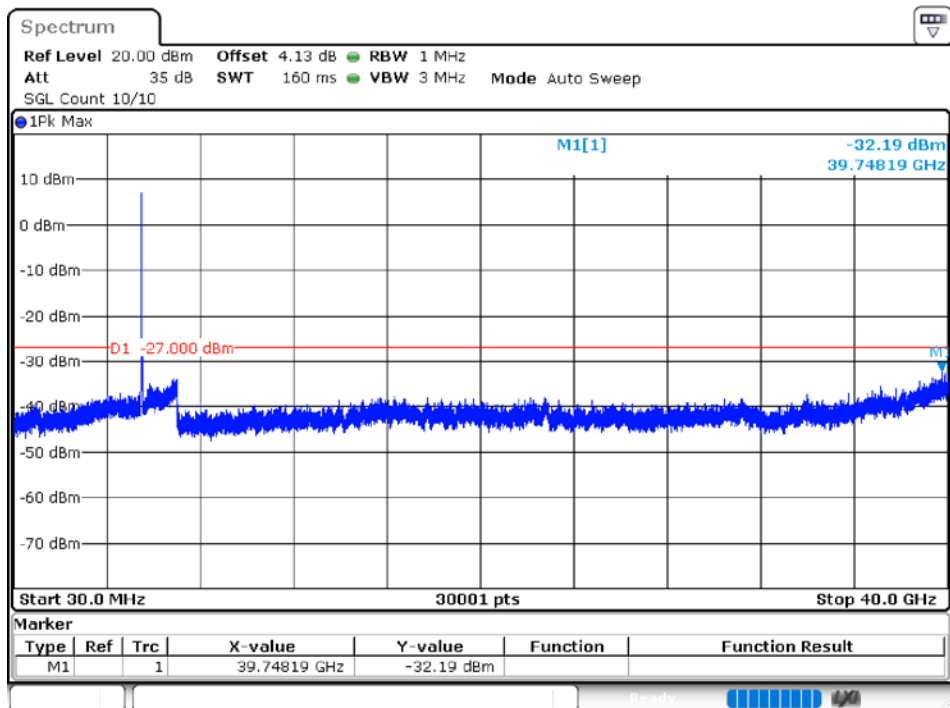
Tx. Spurious NVNT n40 5590MHz Ant1 Emission



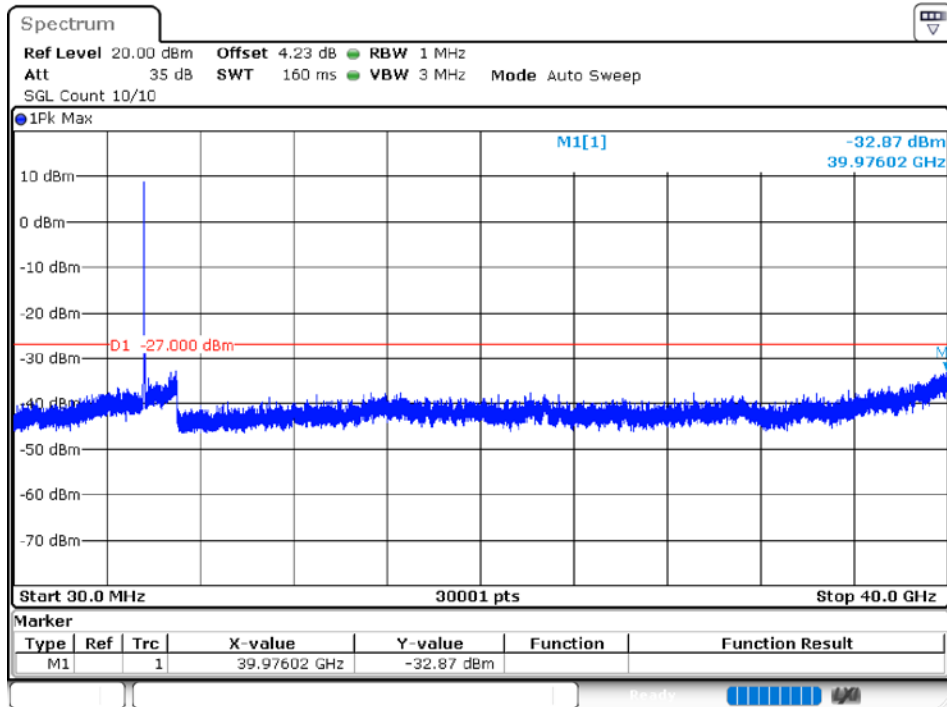
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



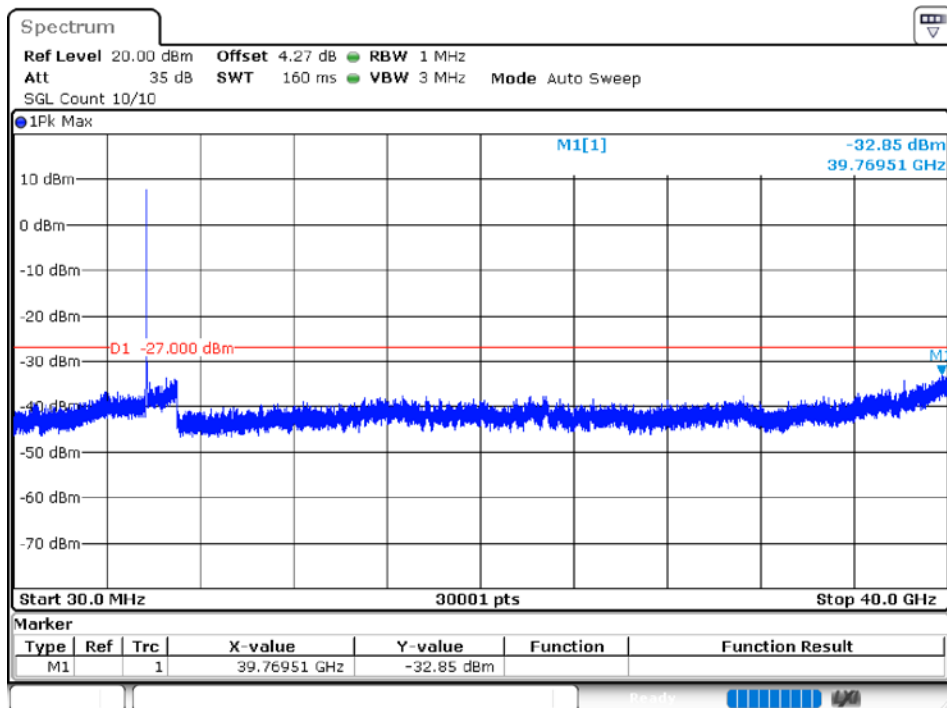
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



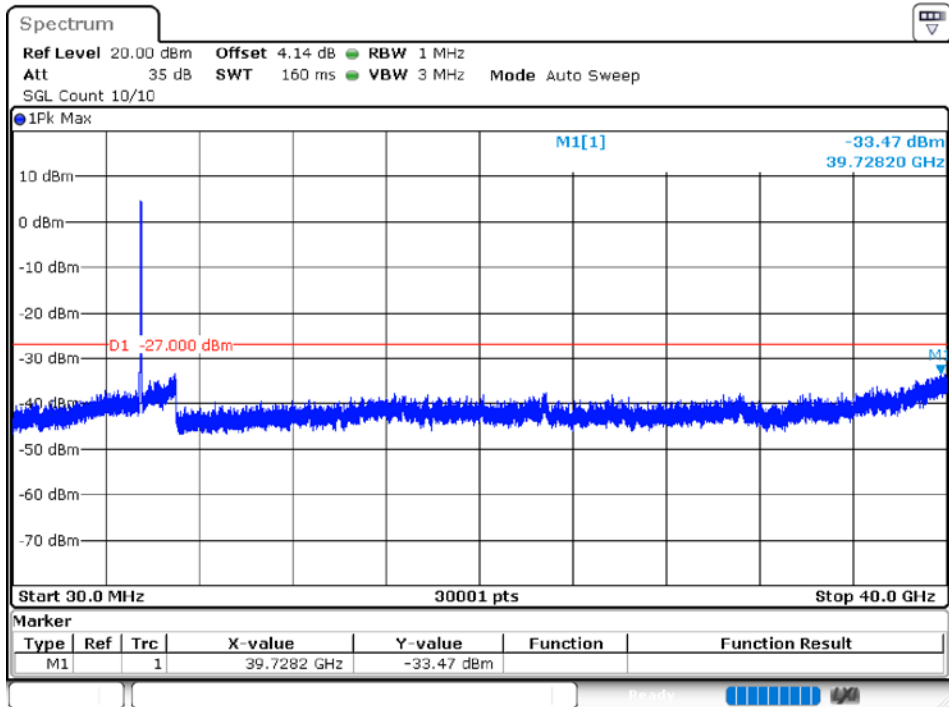
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



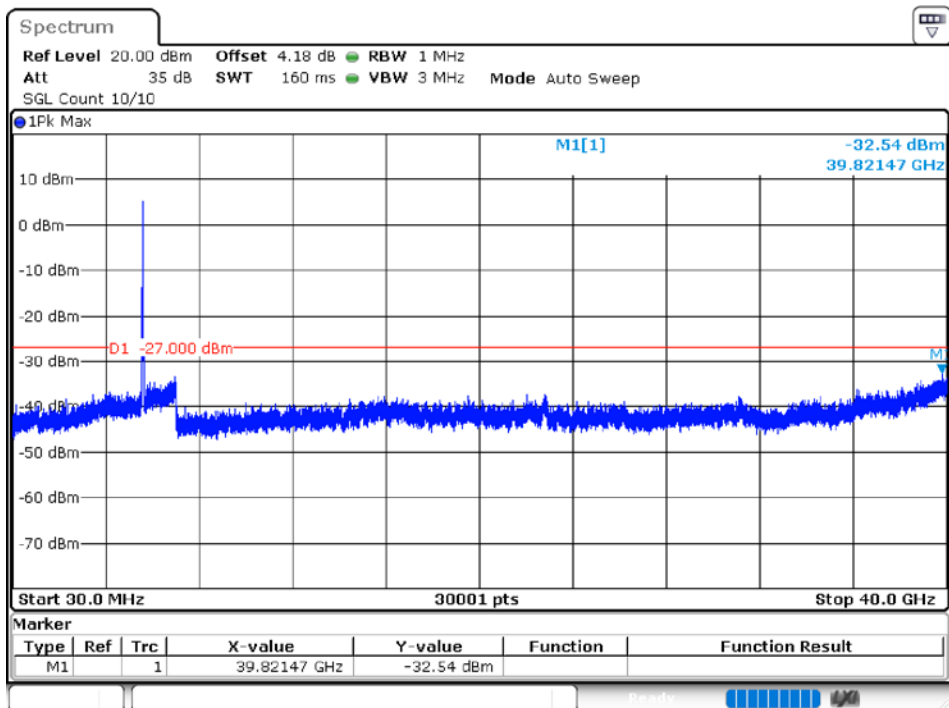
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



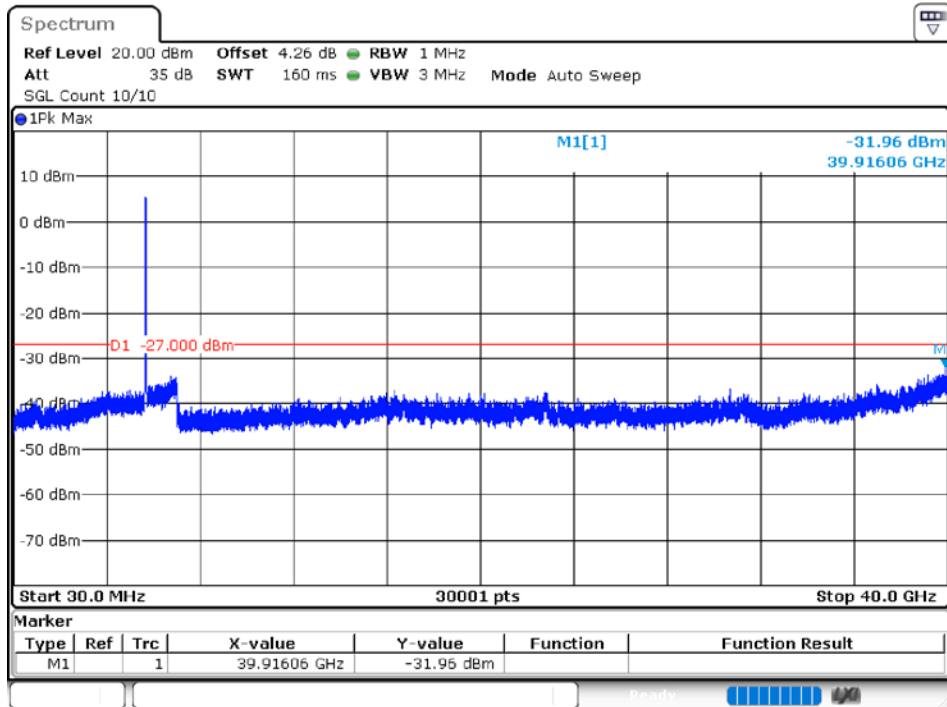
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



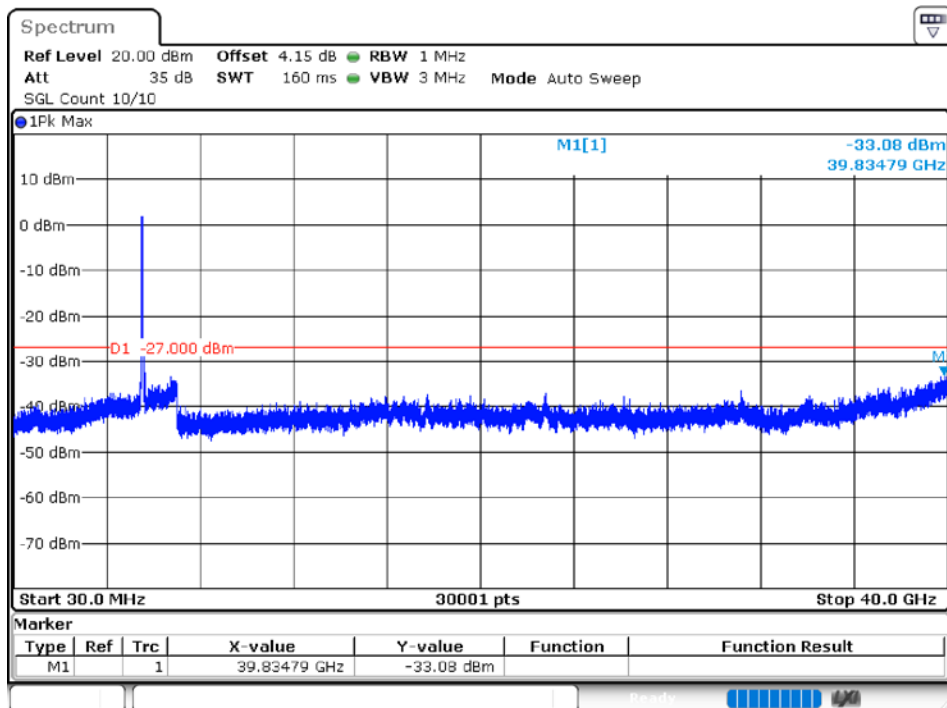
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission

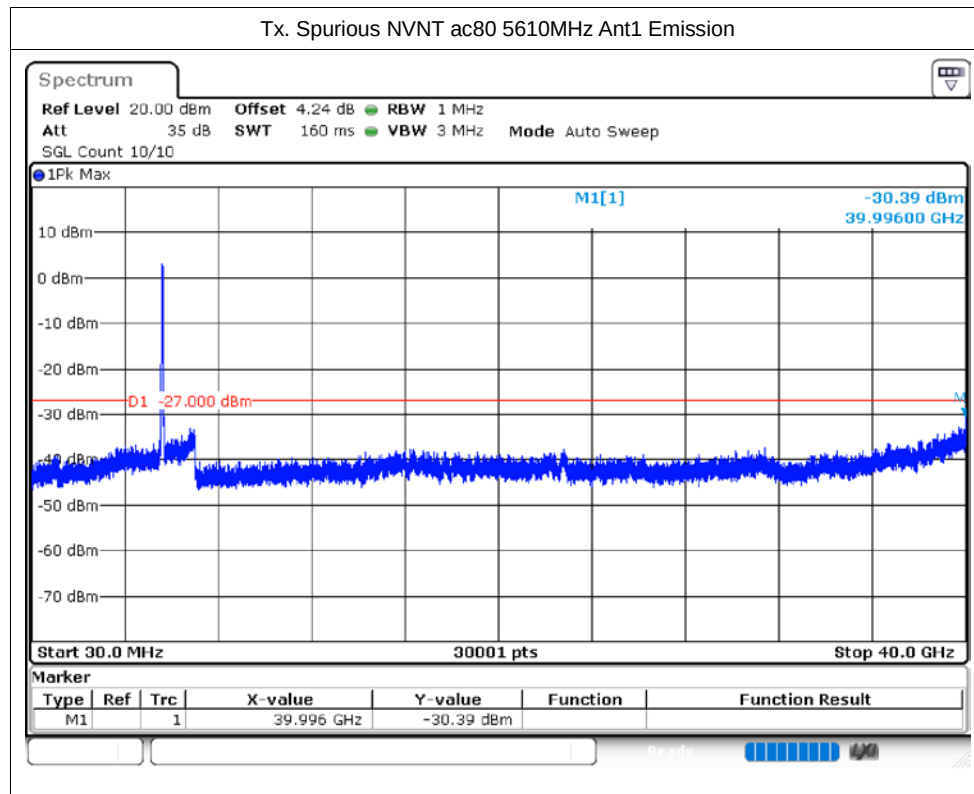


Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant1 Emission





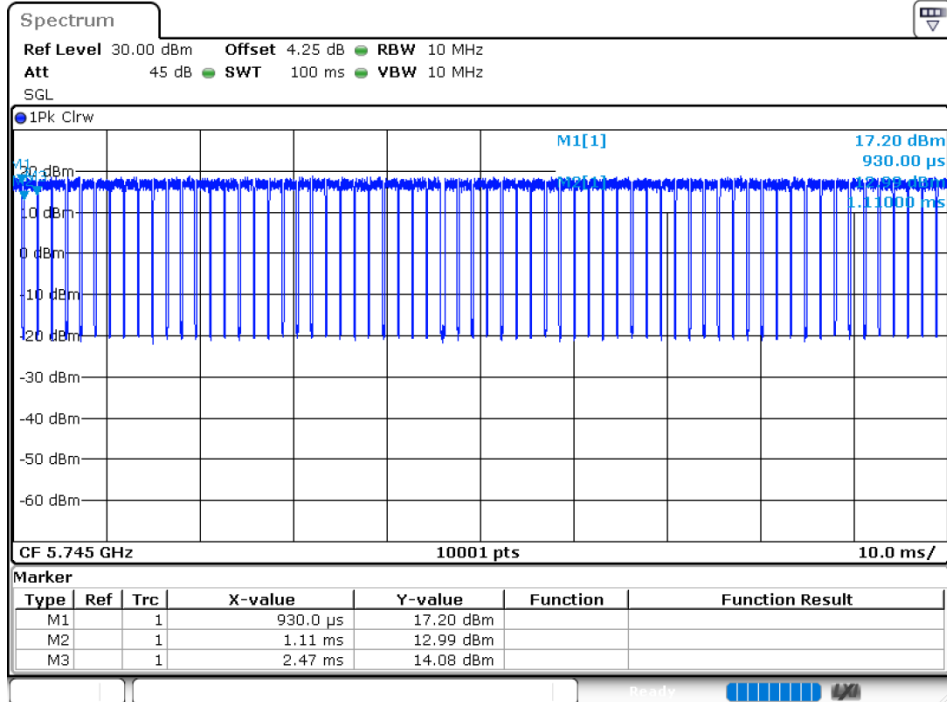
## 5.8G WIFI

### Duty Cycle

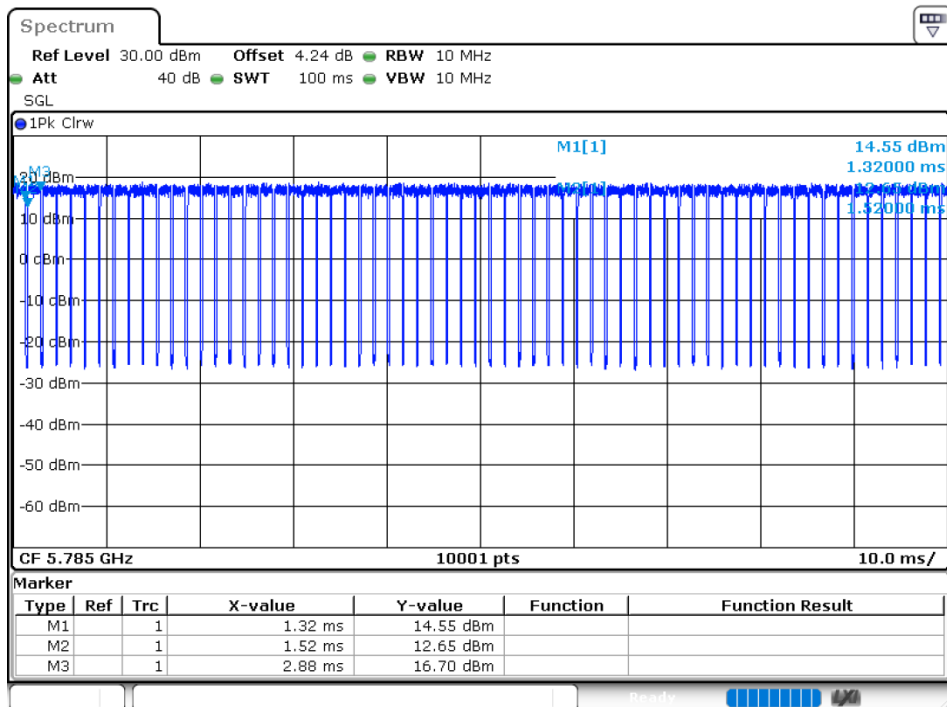
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 88.34          | 0.54                   | 0.74      |
| NVNT      | a    | 5785            | Ant1    | 88.34          | 0.54                   | 0.74      |
| NVNT      | a    | 5825            | Ant1    | 96.66          | 0.15                   | 0.73      |
| NVNT      | n20  | 5745            | Ant1    | 86.77          | 0.62                   | 0.88      |
| NVNT      | n20  | 5785            | Ant1    | 86.67          | 0.62                   | 0.88      |
| NVNT      | n20  | 5825            | Ant1    | 96.28          | 0.16                   | 50        |
| NVNT      | n40  | 5755            | Ant1    | 90.64          | 0.43                   | 33.33     |
| NVNT      | n40  | 5795            | Ant1    | 92.62          | 0.33                   | 100       |
| NVNT      | ac20 | 5745            | Ant1    | 86.68          | 0.62                   | 0.87      |
| NVNT      | ac20 | 5785            | Ant1    | 86.6           | 0.62                   | 0.86      |
| NVNT      | ac20 | 5825            | Ant1    | 86.87          | 0.61                   | 0.86      |
| NVNT      | ac40 | 5755            | Ant1    | 76.33          | 1.17                   | 1.72      |
| NVNT      | ac40 | 5795            | Ant1    | 76.73          | 1.15                   | 1.72      |
| NVNT      | ac80 | 5775            | Ant1    | 62.9           | 2.01                   | 3.45      |

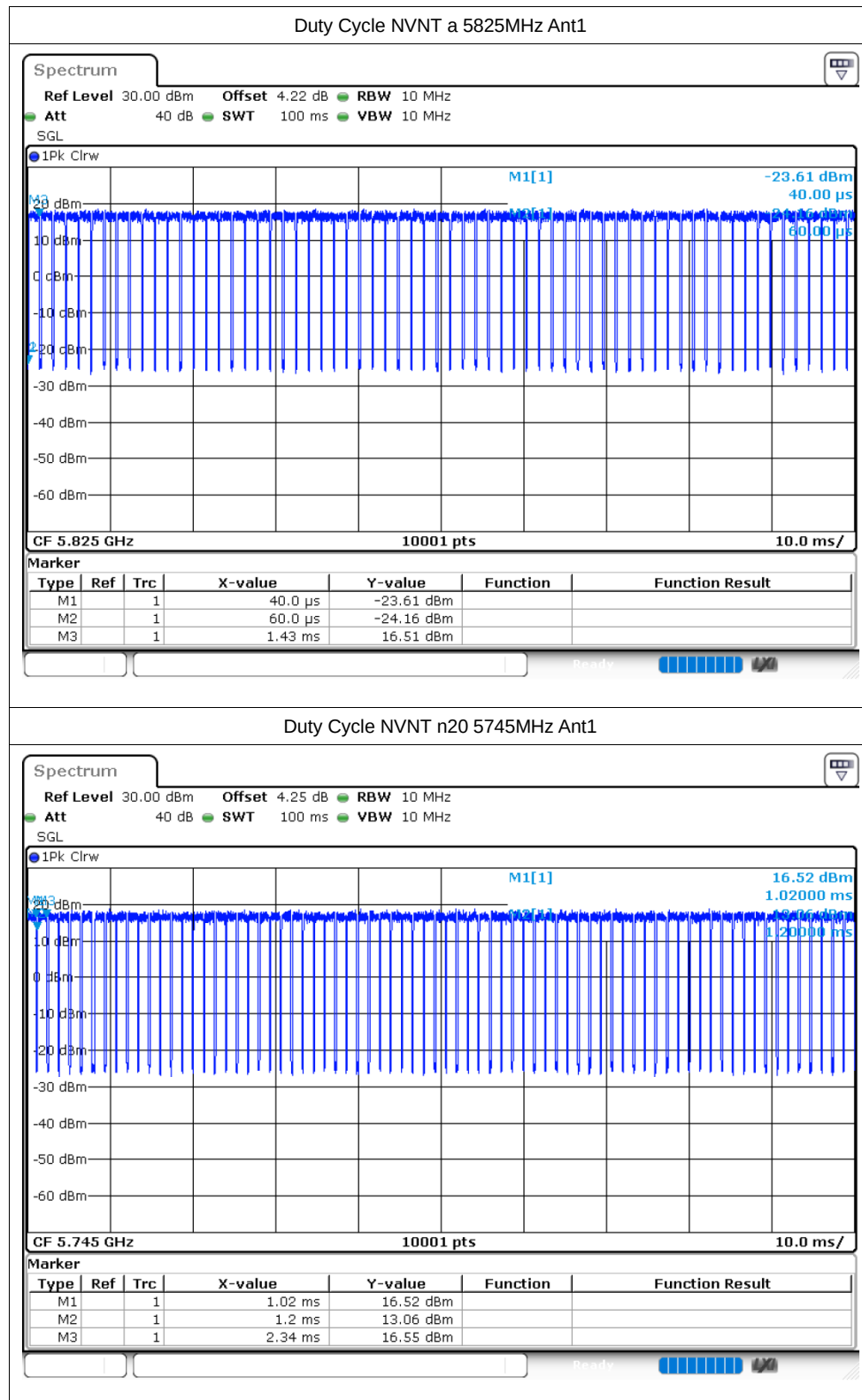
Test Graphs

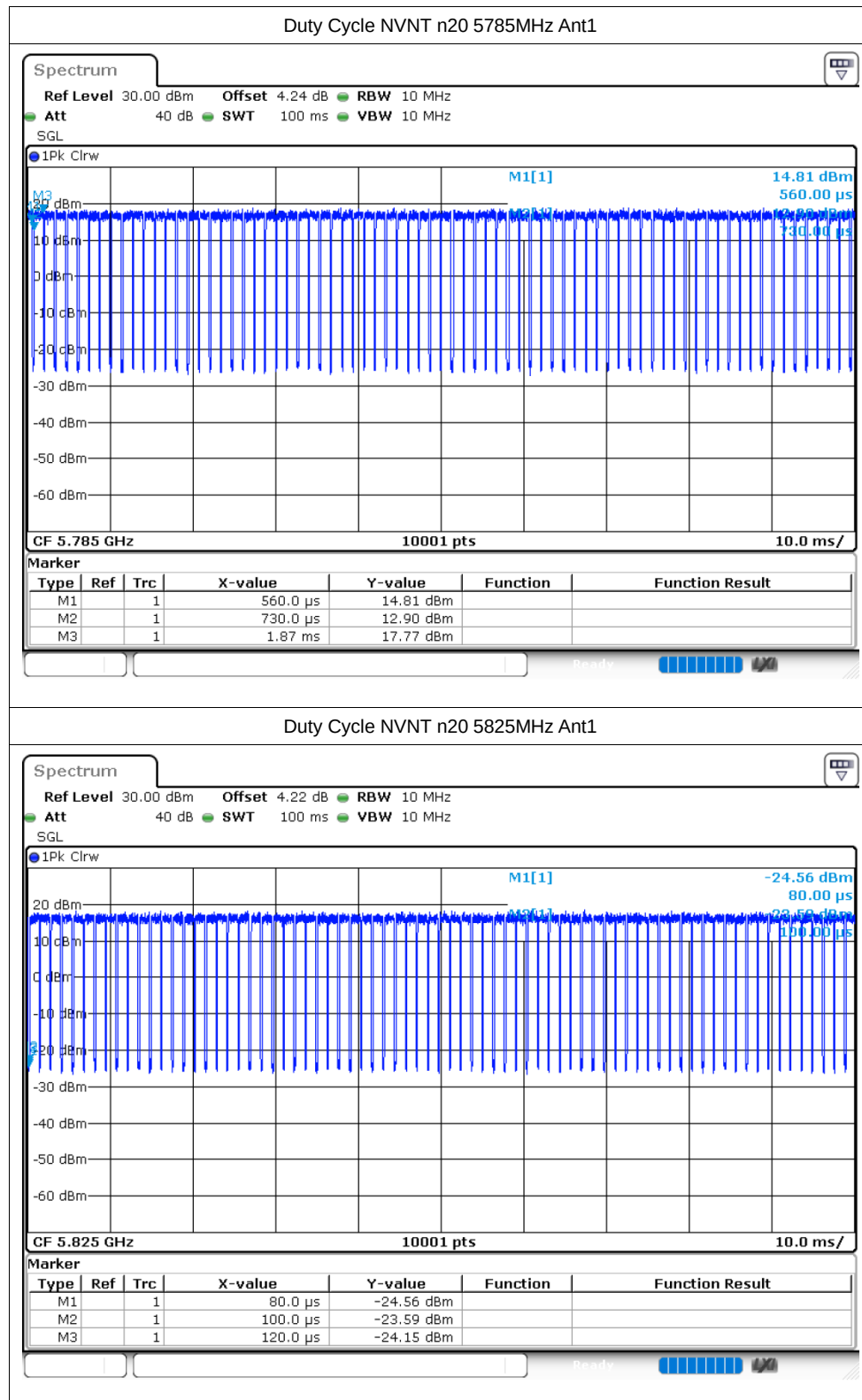
Duty Cycle NVNT a 5745MHz Ant1



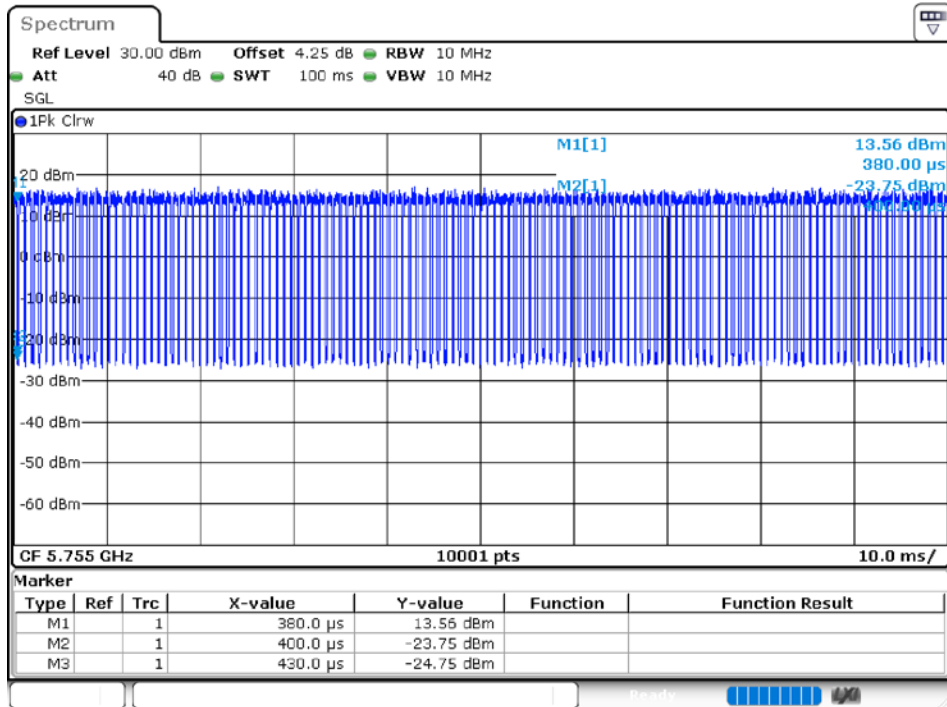
Duty Cycle NVNT a 5785MHz Ant1



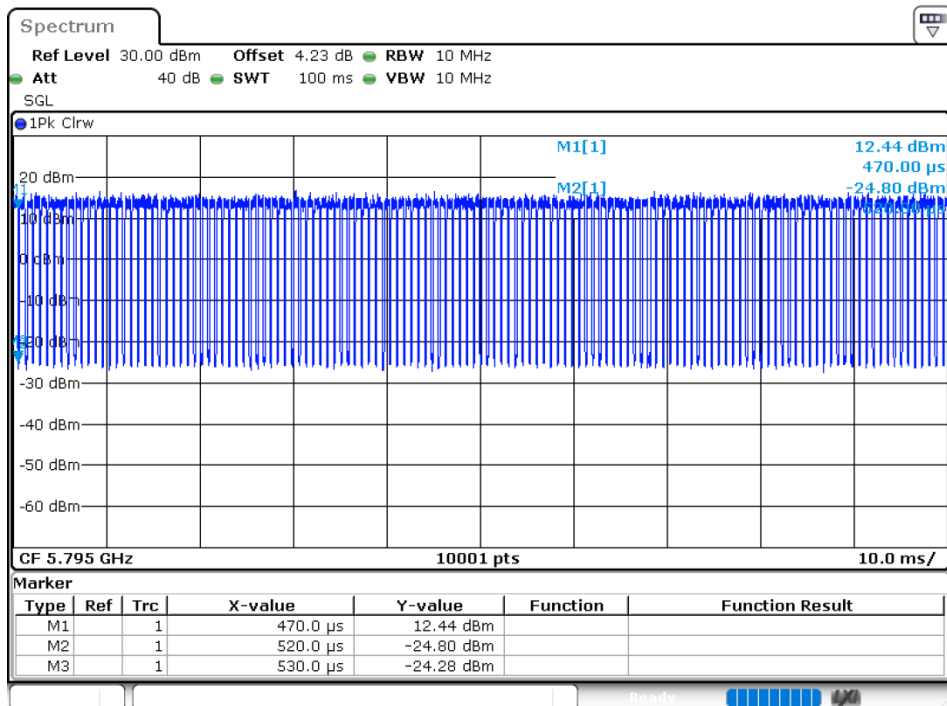




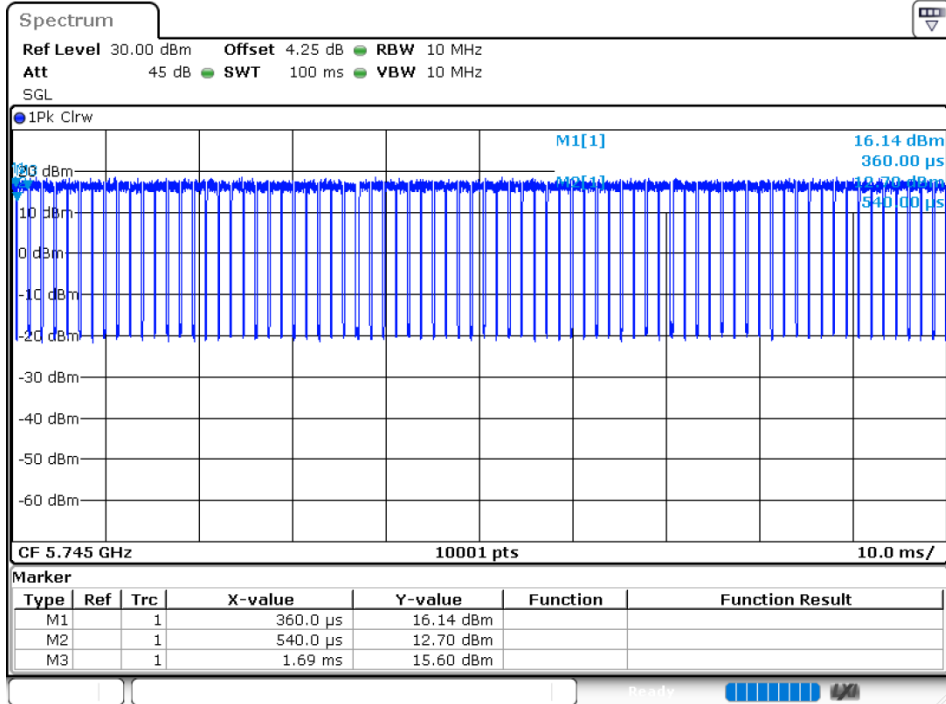
Duty Cycle NVNT n40 5755MHz Ant1



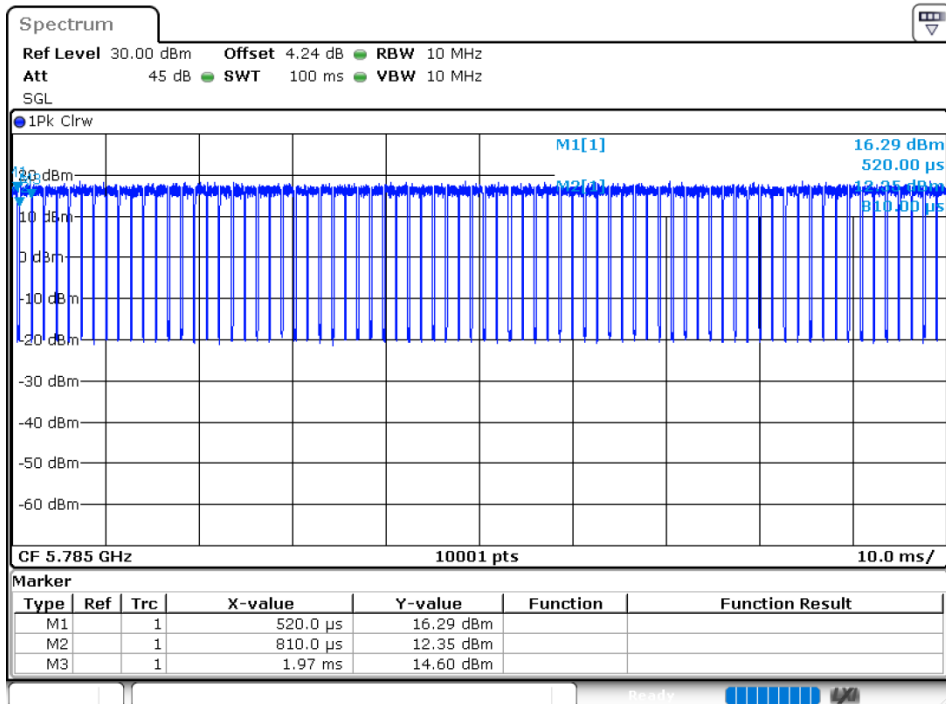
Duty Cycle NVNT n40 5795MHz Ant1

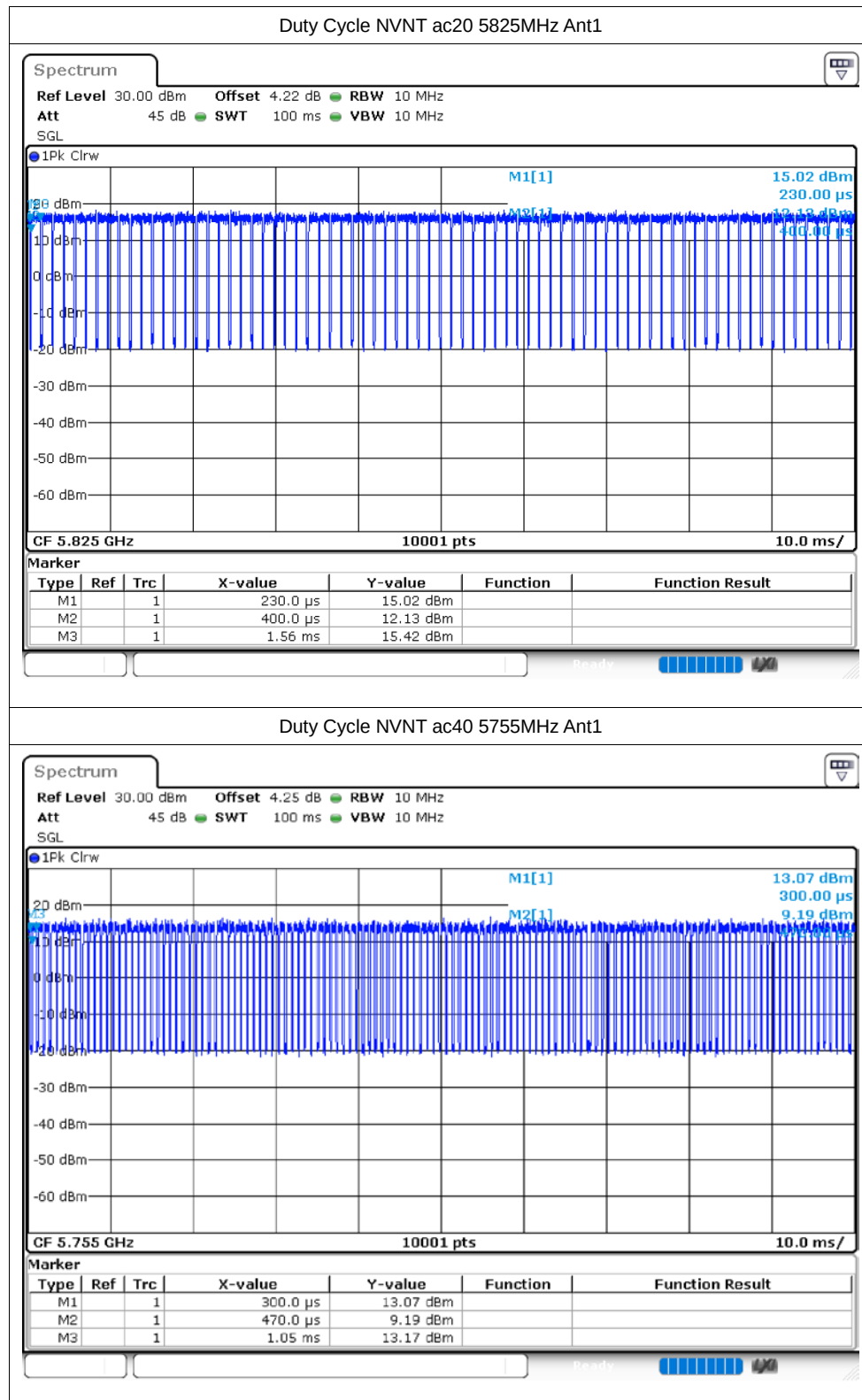


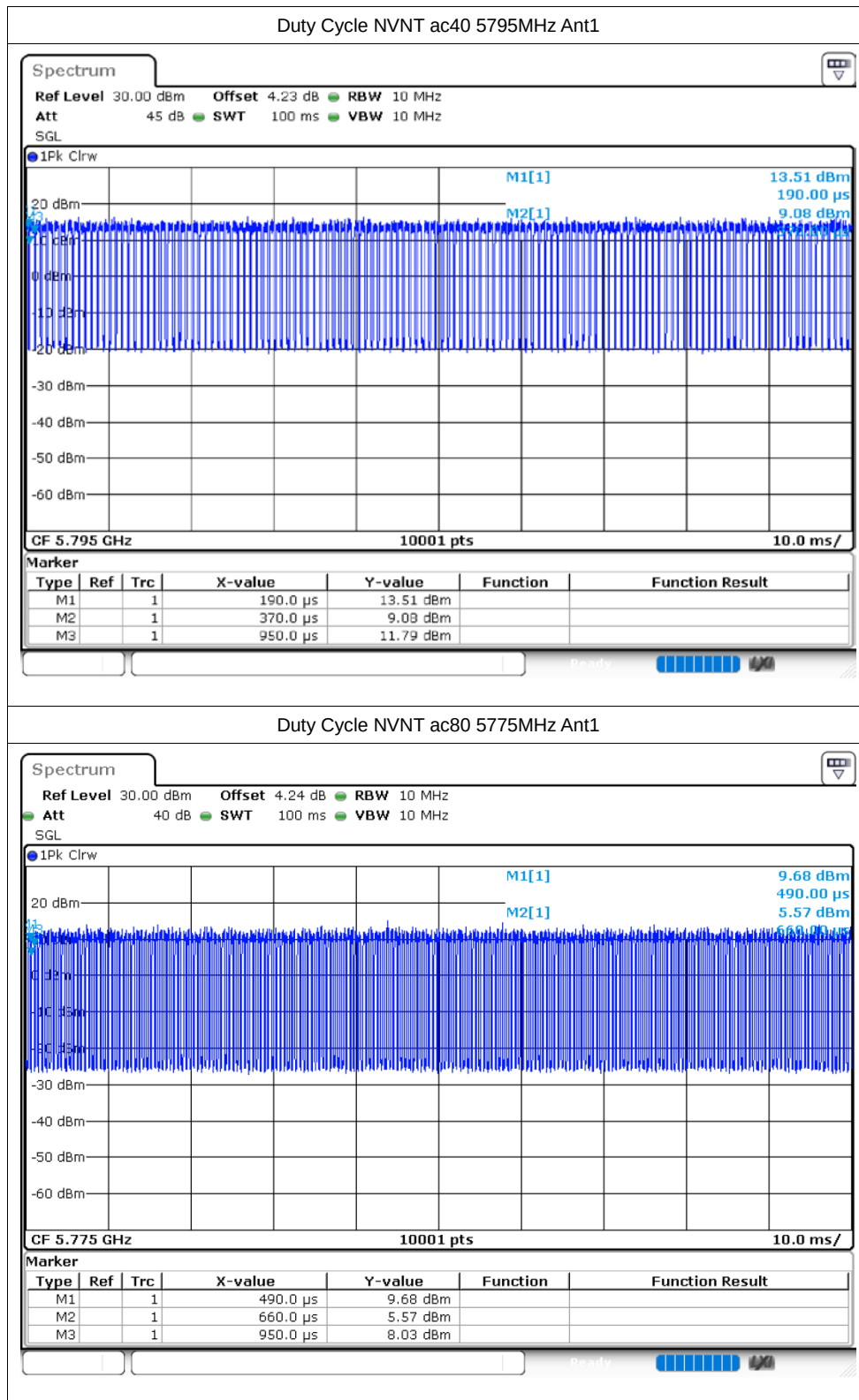
Duty Cycle NVNT ac20 5745MHz Ant1



Duty Cycle NVNT ac20 5785MHz Ant1







## Maximum Conducted Output Power

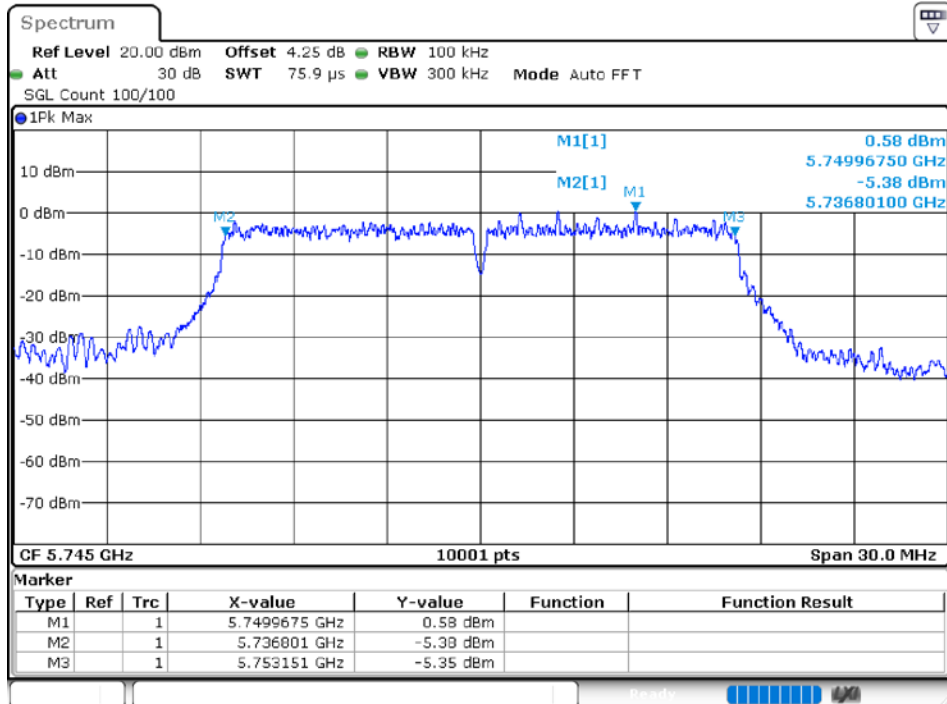
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | a    | 5745               | Ant1    | 13.4                     | 30             | Pass    |
| NVNT      | a    | 5785               | Ant1    | 12.71                    | 30             | Pass    |
| NVNT      | a    | 5825               | Ant1    | 12.61                    | 30             | Pass    |
| NVNT      | n20  | 5745               | Ant1    | 13.13                    | 30             | Pass    |
| NVNT      | n20  | 5785               | Ant1    | 12.97                    | 30             | Pass    |
| NVNT      | n20  | 5825               | Ant1    | 12.7                     | 30             | Pass    |
| NVNT      | n40  | 5755               | Ant1    | 13.48                    | 30             | Pass    |
| NVNT      | n40  | 5795               | Ant1    | 13.21                    | 30             | Pass    |
| NVNT      | ac20 | 5745               | Ant1    | 13.12                    | 30             | Pass    |
| NVNT      | ac20 | 5785               | Ant1    | 13.01                    | 30             | Pass    |
| NVNT      | ac20 | 5825               | Ant1    | 12.48                    | 30             | Pass    |
| NVNT      | ac40 | 5755               | Ant1    | 13.24                    | 30             | Pass    |
| NVNT      | ac40 | 5795               | Ant1    | 13.19                    | 30             | Pass    |
| NVNT      | ac80 | 5775               | Ant1    | 13.15                    | 30             | Pass    |

## -6dB Bandwidth

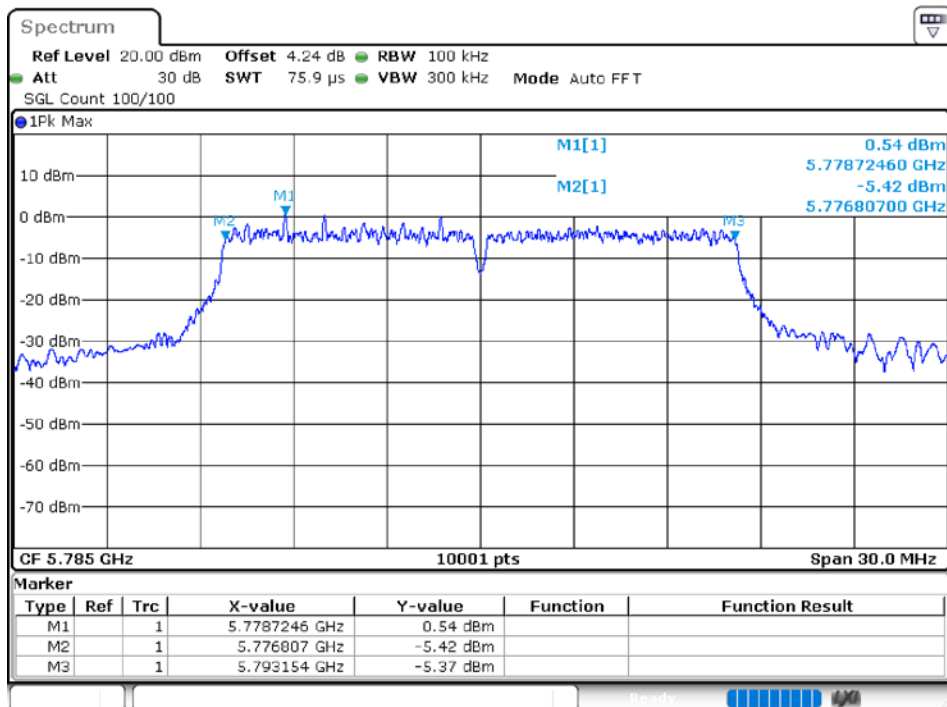
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.35                 | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.347                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.329                | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.589                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.586                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.643                | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 36.048                | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 36.024                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.571                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.412                | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.589                | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 35.478                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 36.408                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.36                 | 0.5                         | Pass    |

# Test Graphs

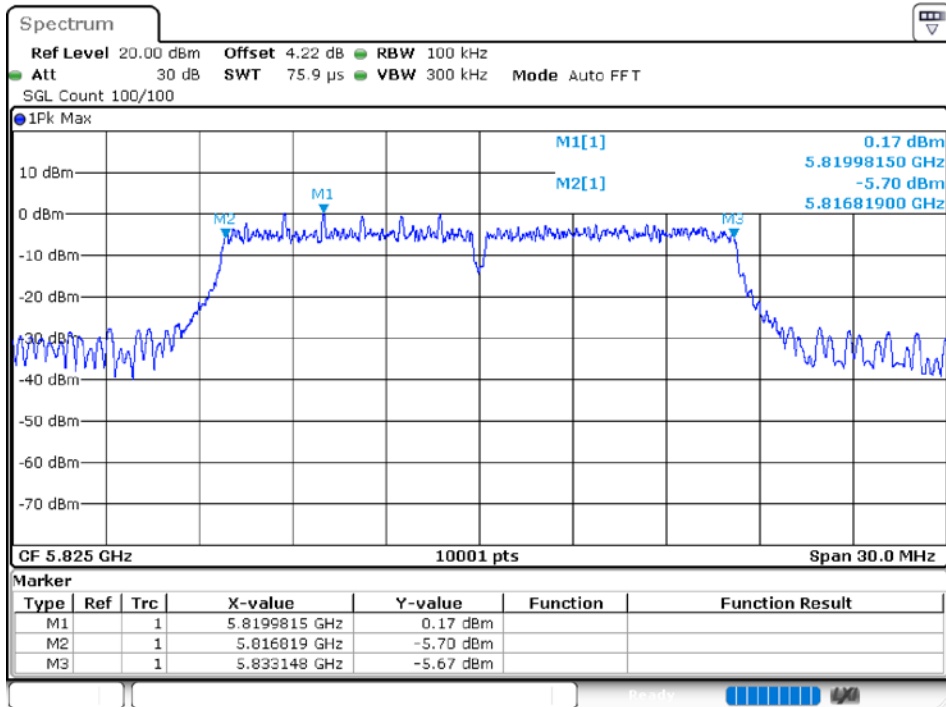
## -6dB Bandwidth NVNT a 5745MHz Ant1



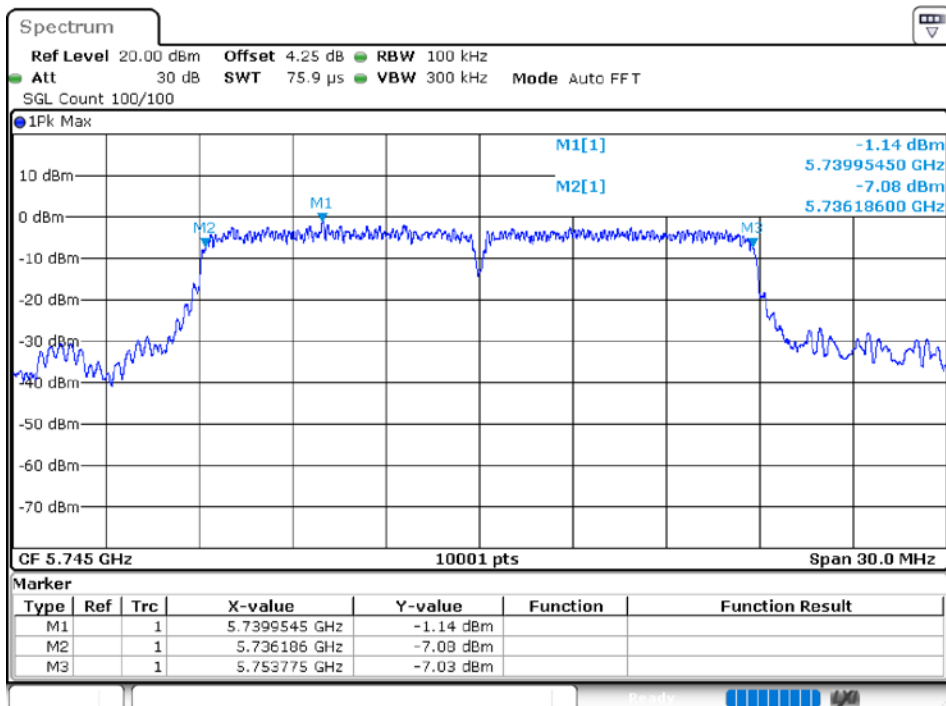
## -6dB Bandwidth NVNT a 5785MHz Ant1



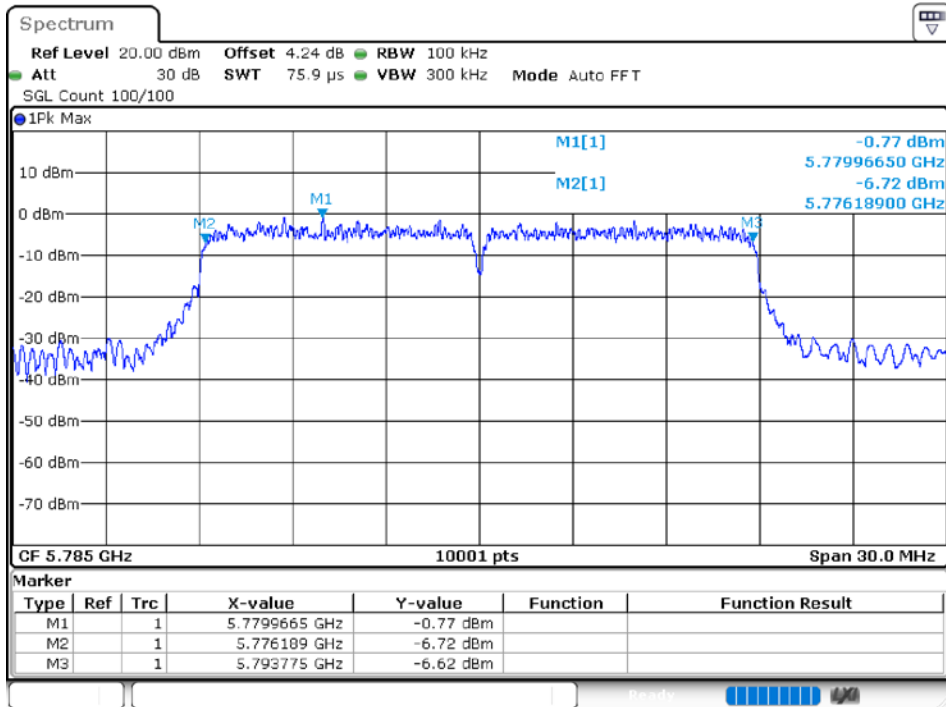
-6dB Bandwidth NVNT a 5825MHz Ant1



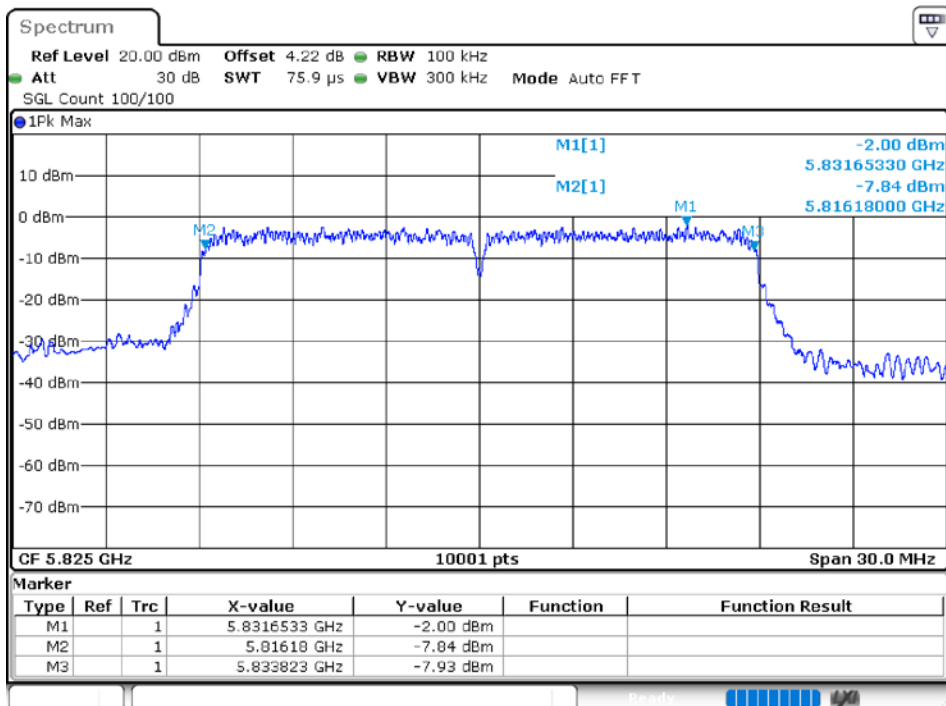
-6dB Bandwidth NVNT n20 5745MHz Ant1



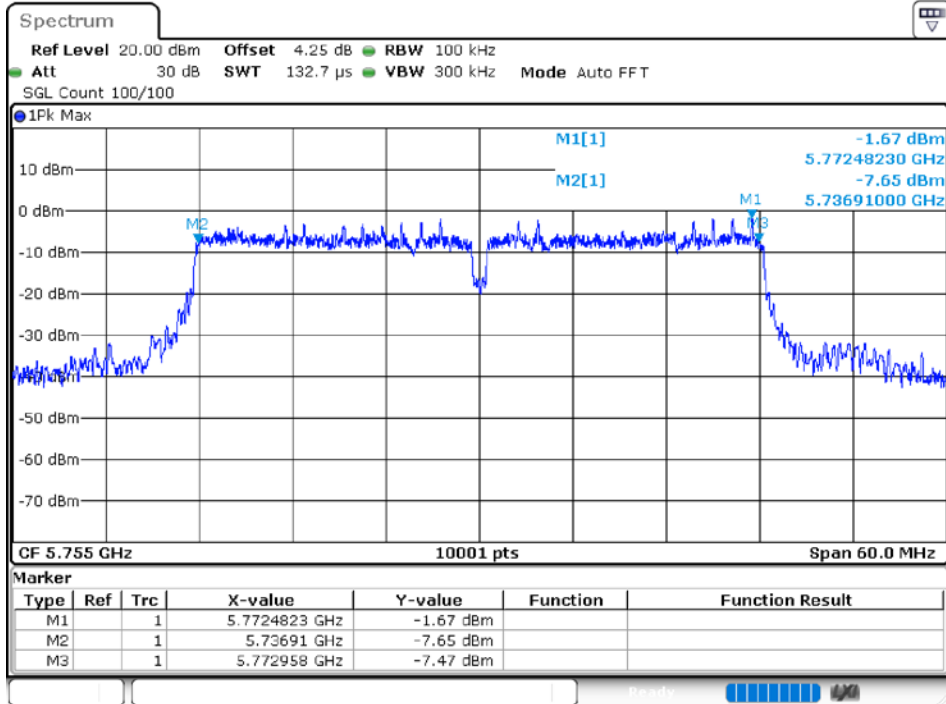
-6dB Bandwidth NVNT n20 5785MHz Ant1



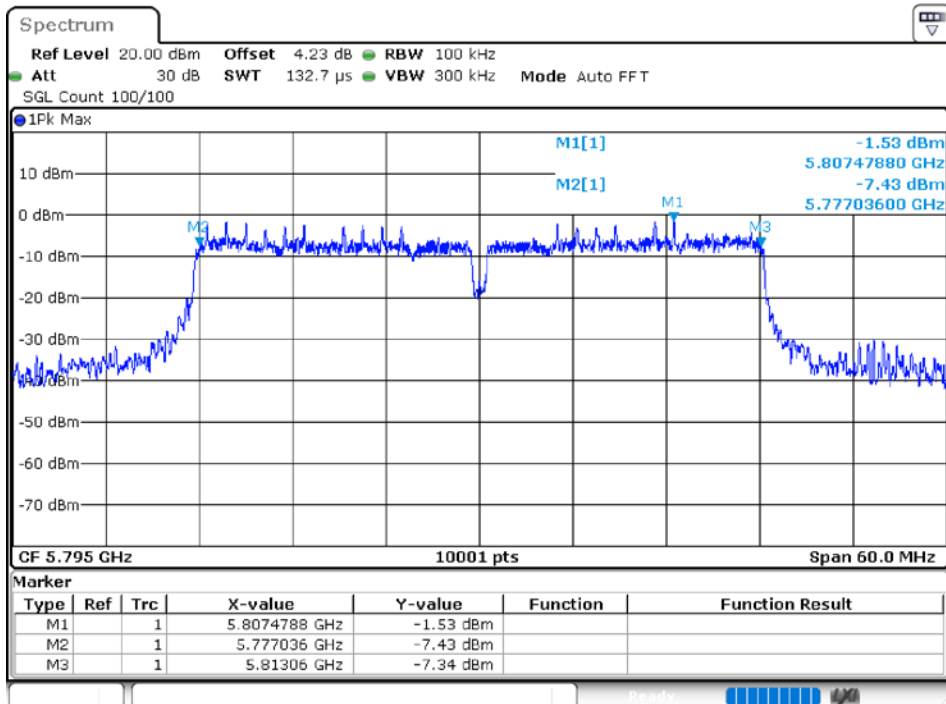
-6dB Bandwidth NVNT n20 5825MHz Ant1



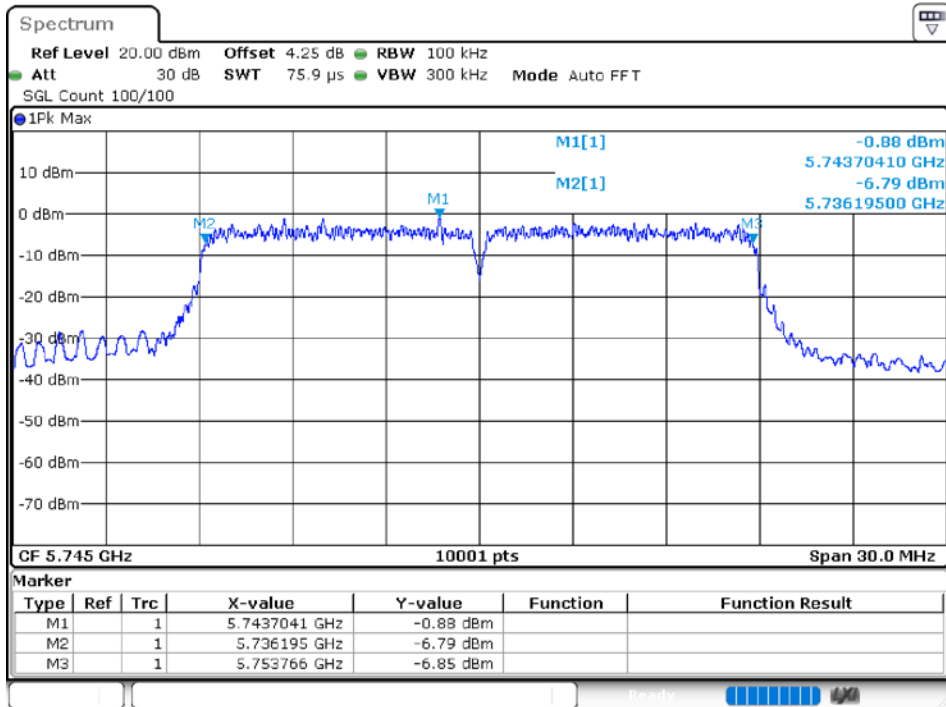
-6dB Bandwidth NVNT n40 5755MHz Ant1



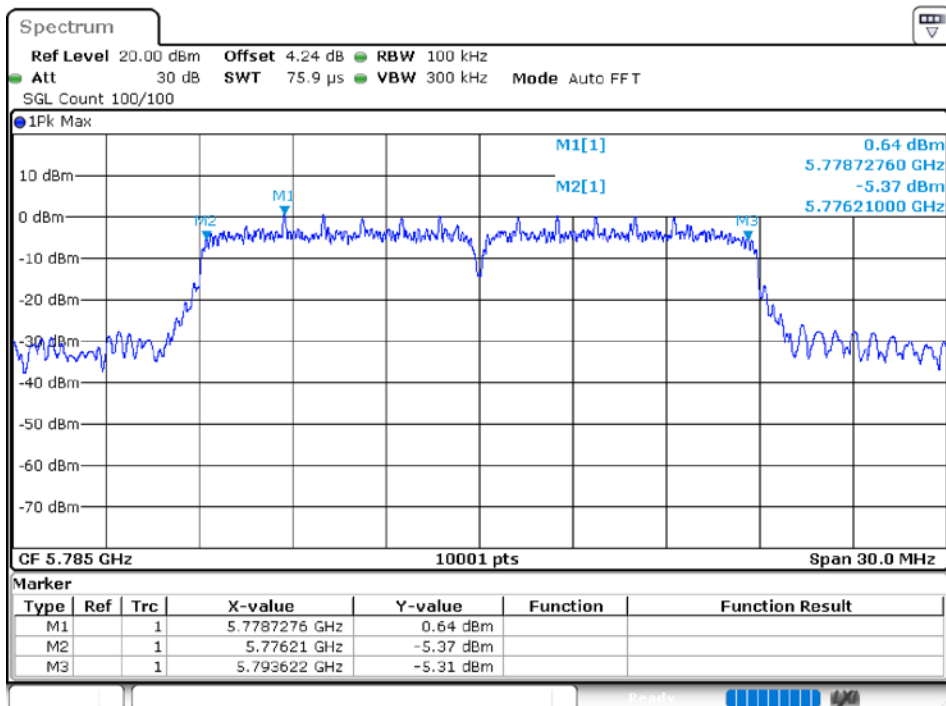
-6dB Bandwidth NVNT n40 5795MHz Ant1



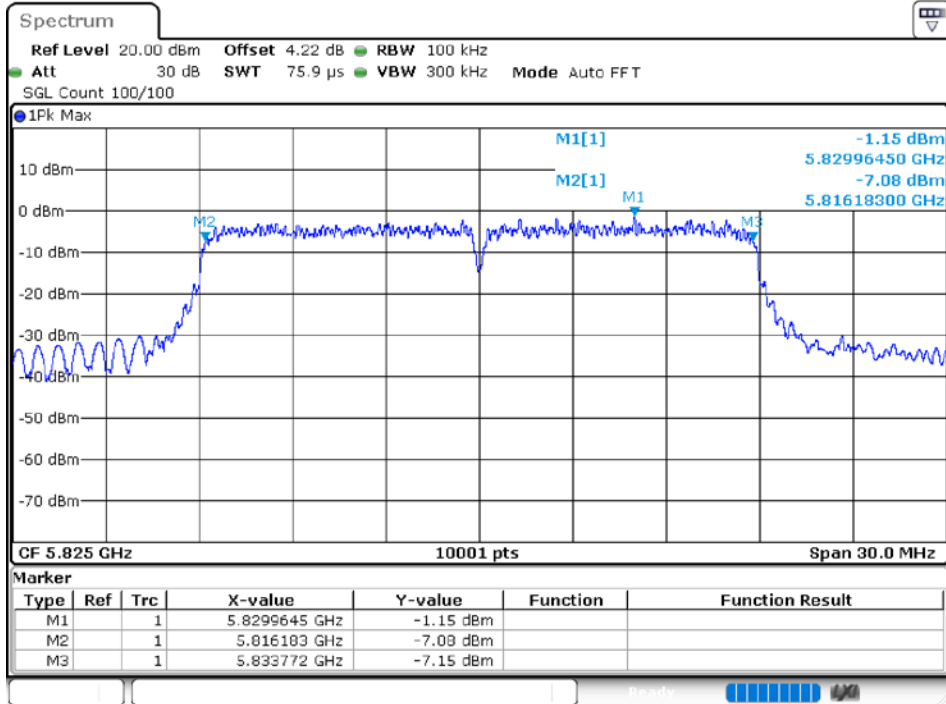
-6dB Bandwidth NVNT ac20 5745MHz Ant1



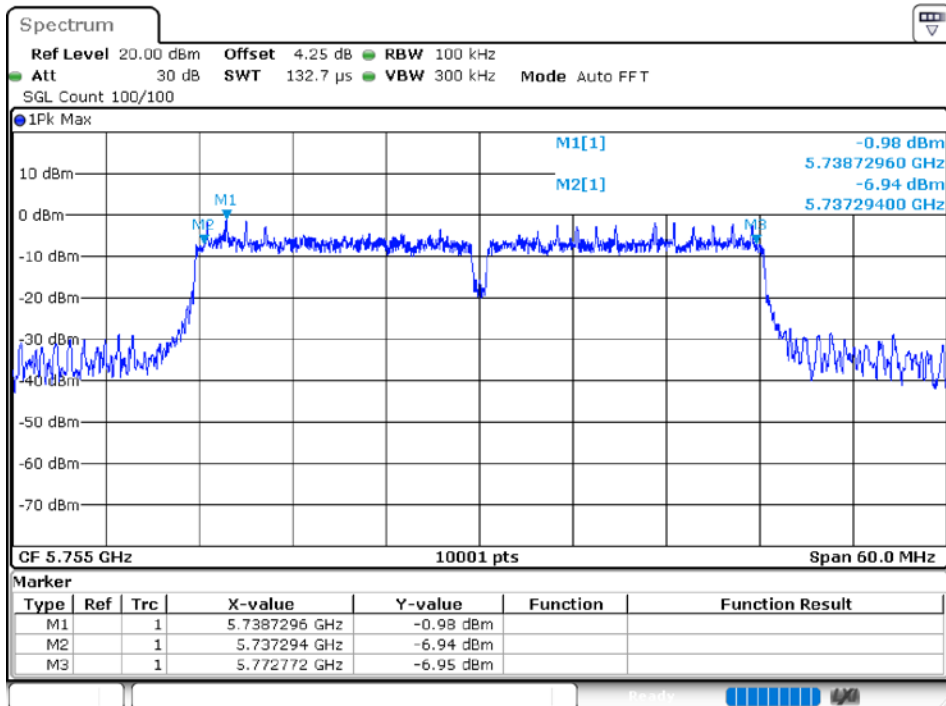
-6dB Bandwidth NVNT ac20 5785MHz Ant1



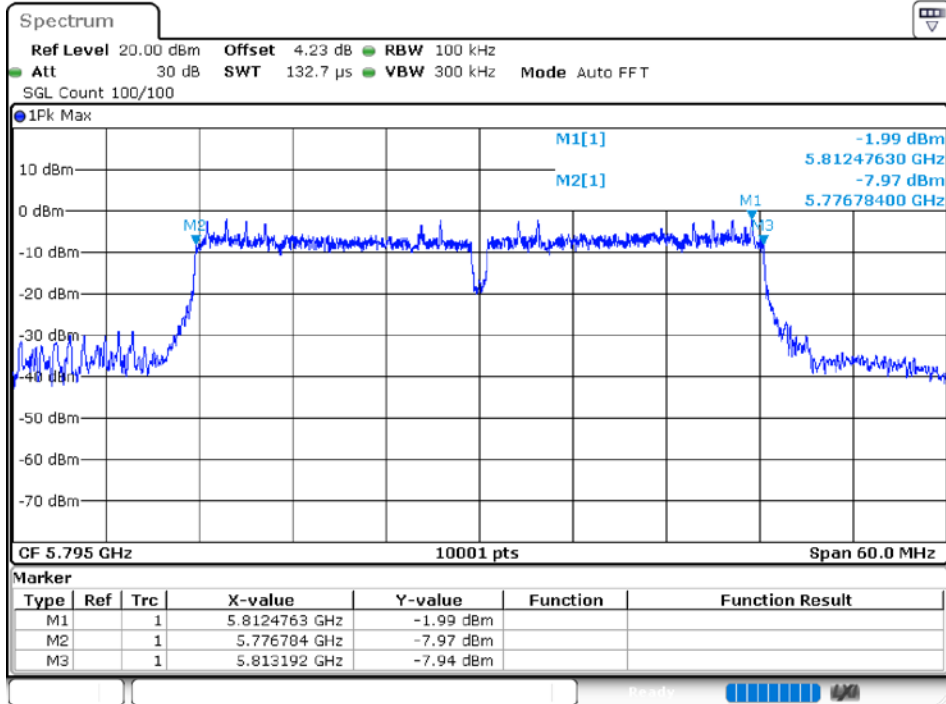
-6dB Bandwidth NVNT ac20 5825MHz Ant1



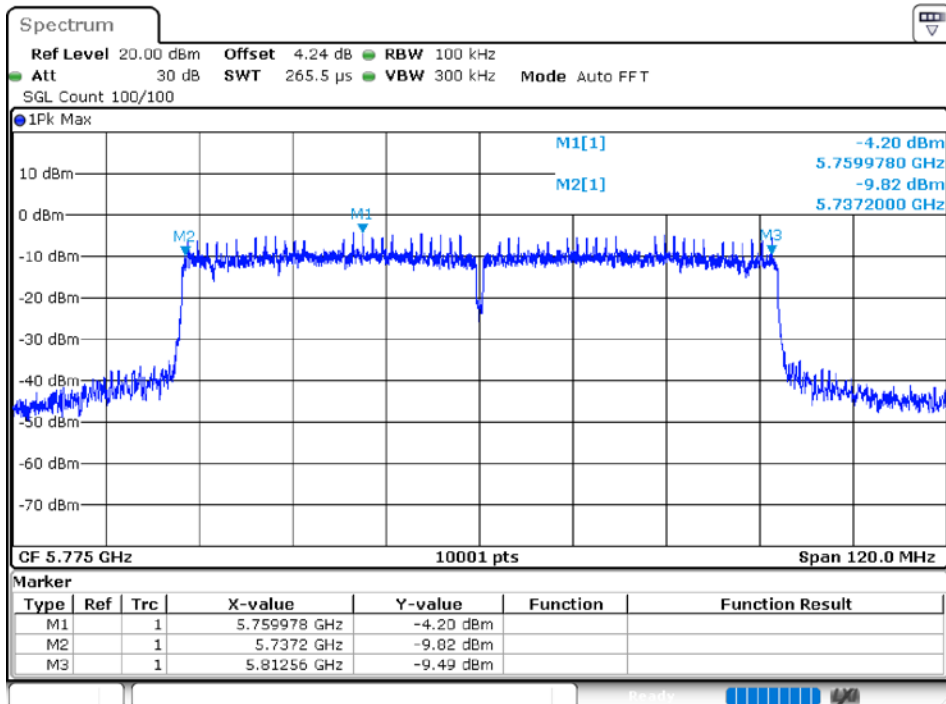
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

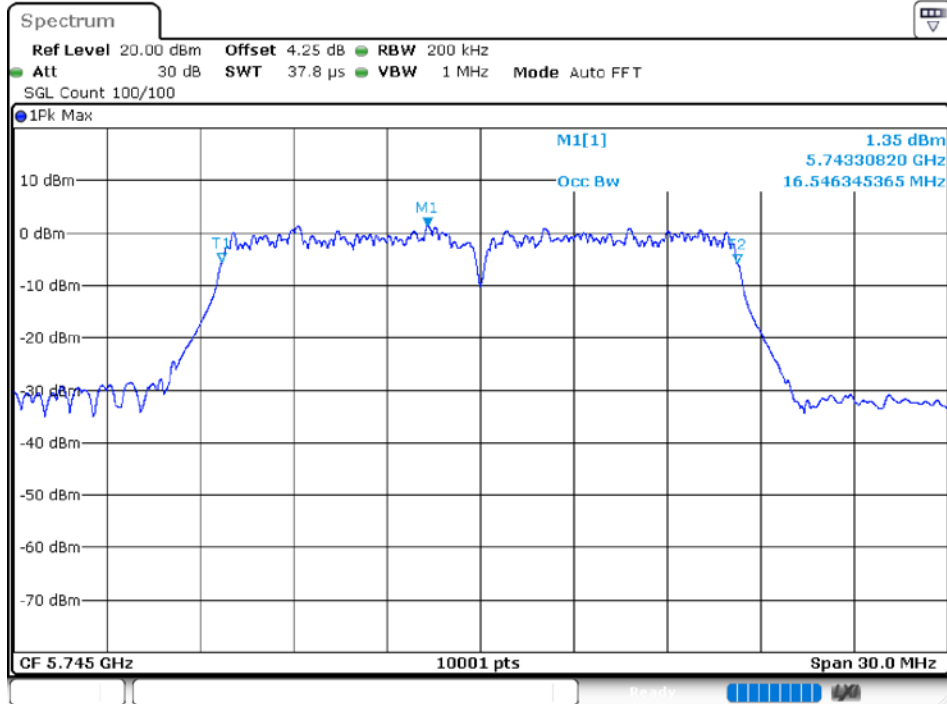


## Occupied Channel Bandwidth

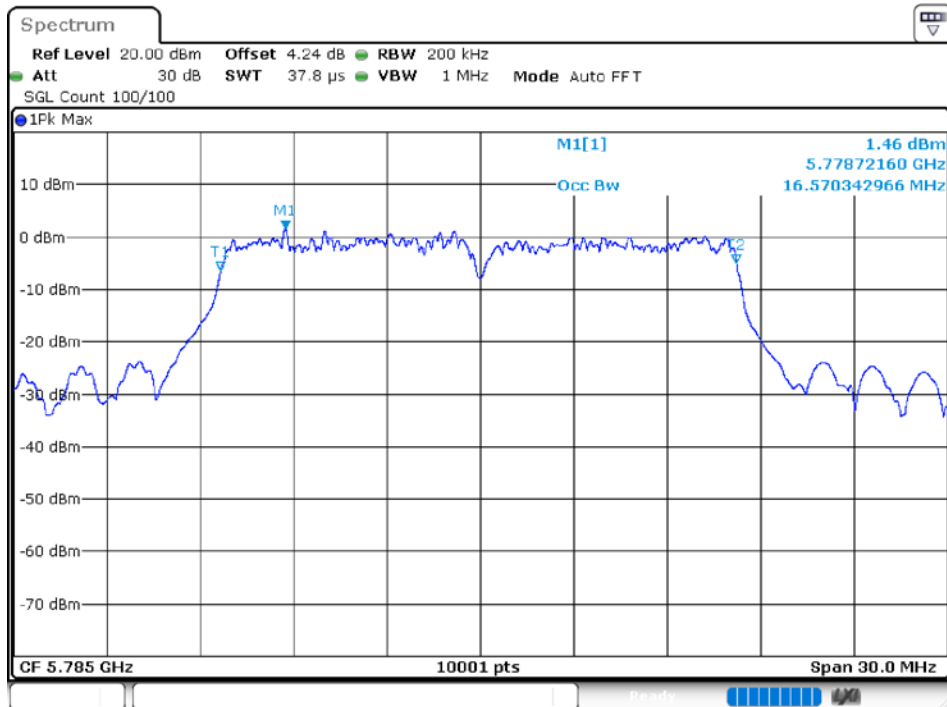
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.546        |
| NVNT      | a    | 5785            | Ant1    | 16.57         |
| NVNT      | a    | 5825            | Ant1    | 16.45         |
| NVNT      | n20  | 5745            | Ant1    | 17.662        |
| NVNT      | n20  | 5785            | Ant1    | 17.749        |
| NVNT      | n20  | 5825            | Ant1    | 17.629        |
| NVNT      | n40  | 5755            | Ant1    | 36.44         |
| NVNT      | n40  | 5795            | Ant1    | 36.464        |
| NVNT      | ac20 | 5745            | Ant1    | 17.626        |
| NVNT      | ac20 | 5785            | Ant1    | 17.572        |
| NVNT      | ac20 | 5825            | Ant1    | 17.644        |
| NVNT      | ac40 | 5755            | Ant1    | 36.416        |
| NVNT      | ac40 | 5795            | Ant1    | 36.44         |
| NVNT      | ac80 | 5775            | Ant1    | 75.508        |

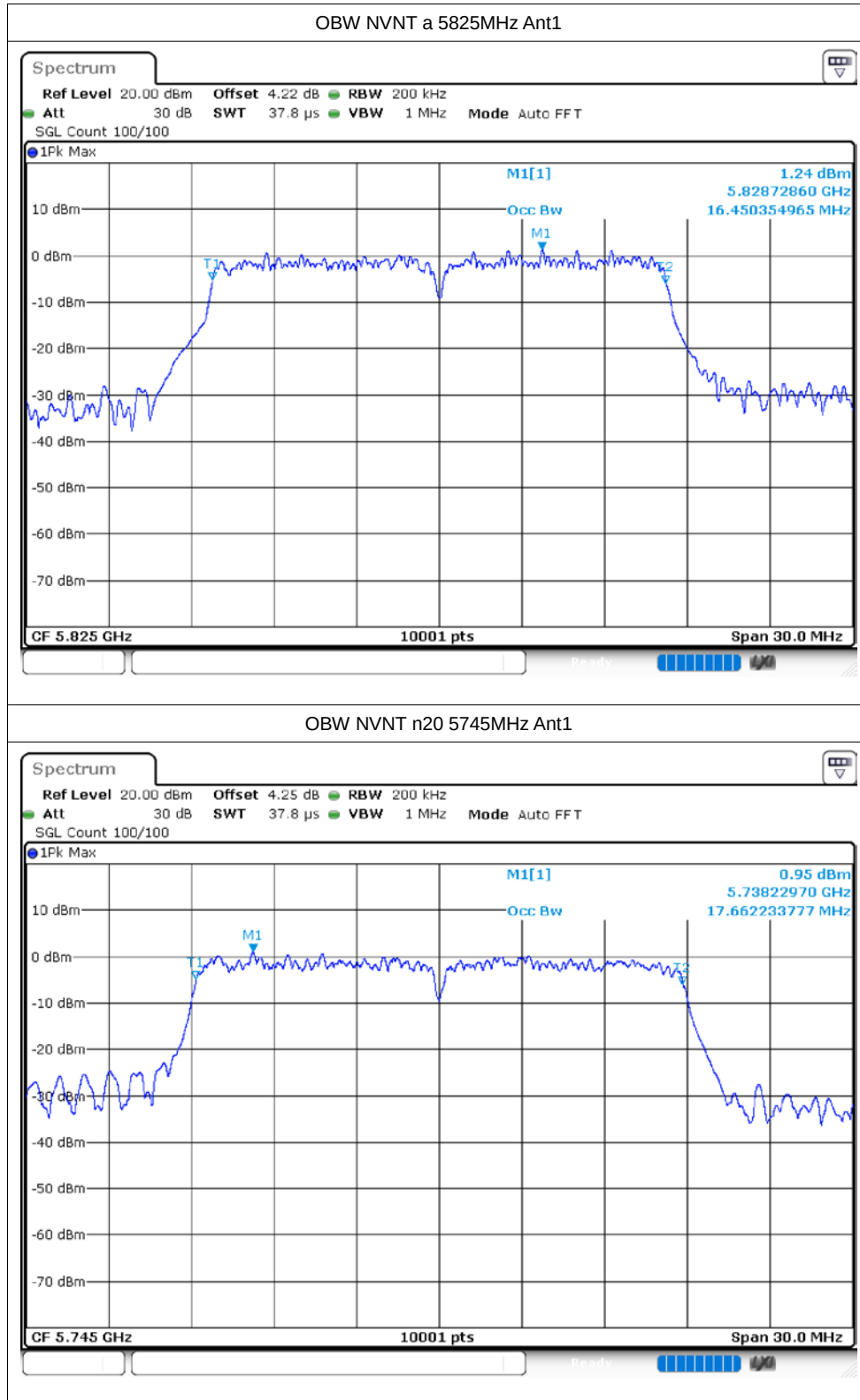
Test Graphs

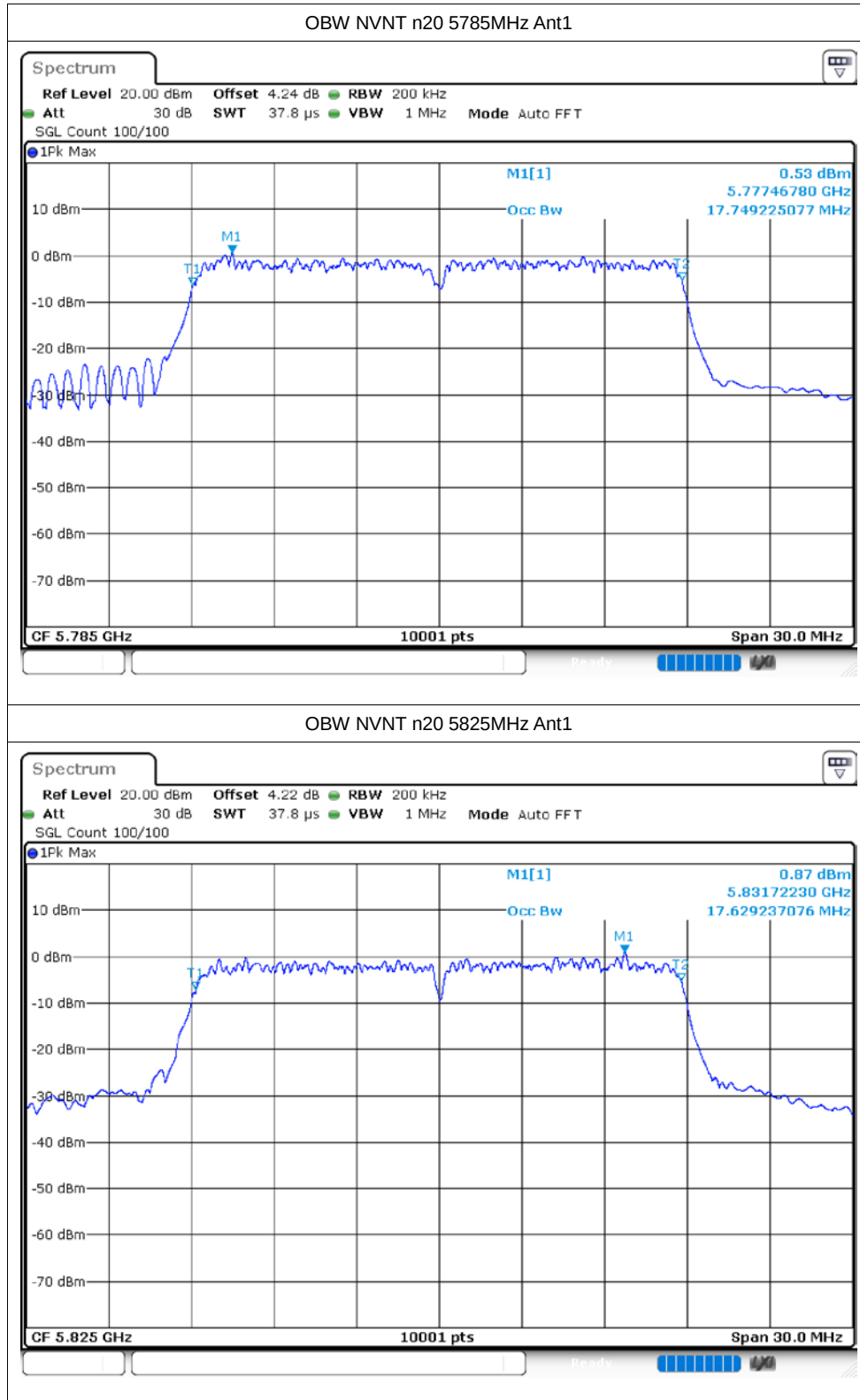
OBW NVNT a 5745MHz Ant1

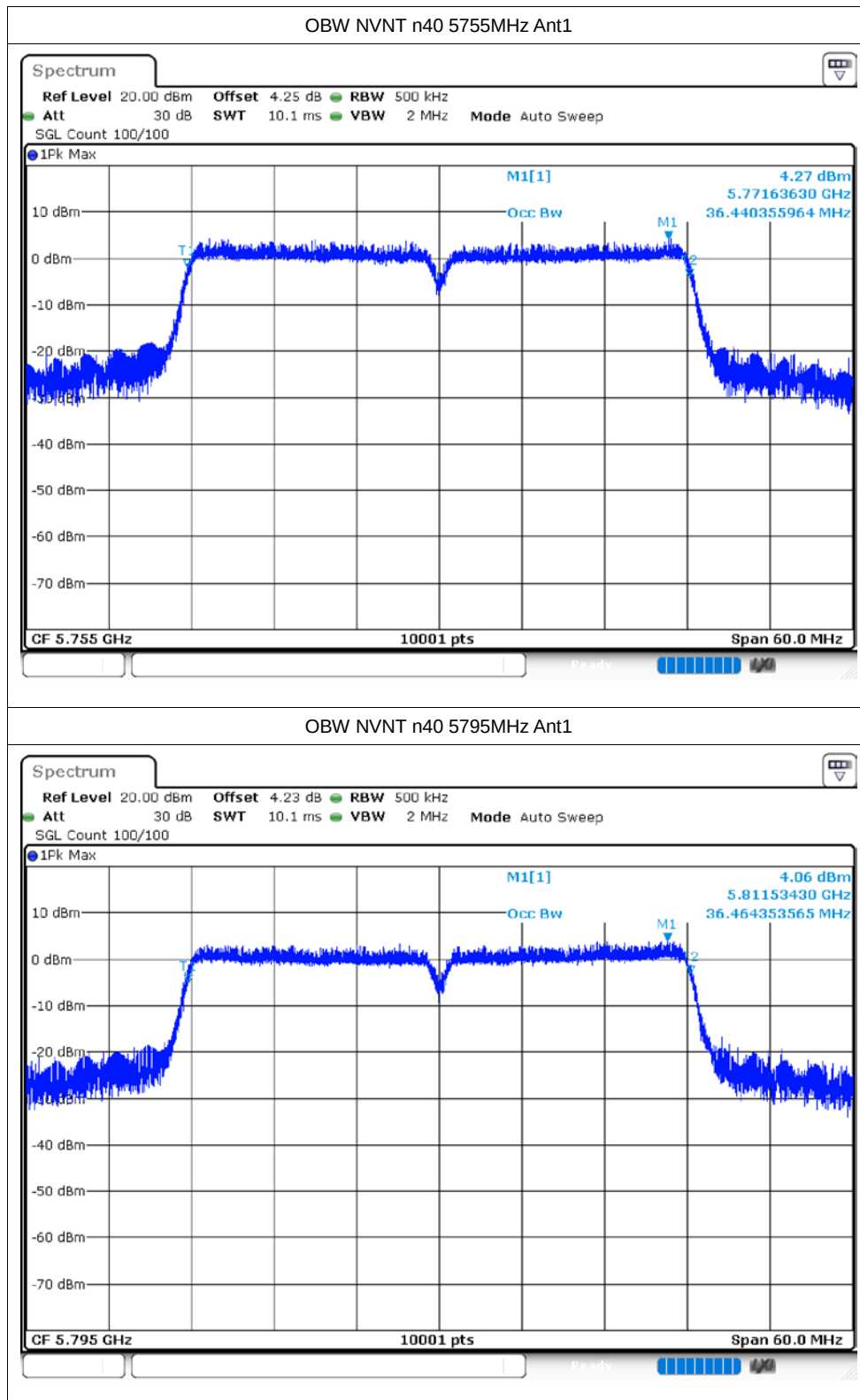


OBW NVNT a 5785MHz Ant1

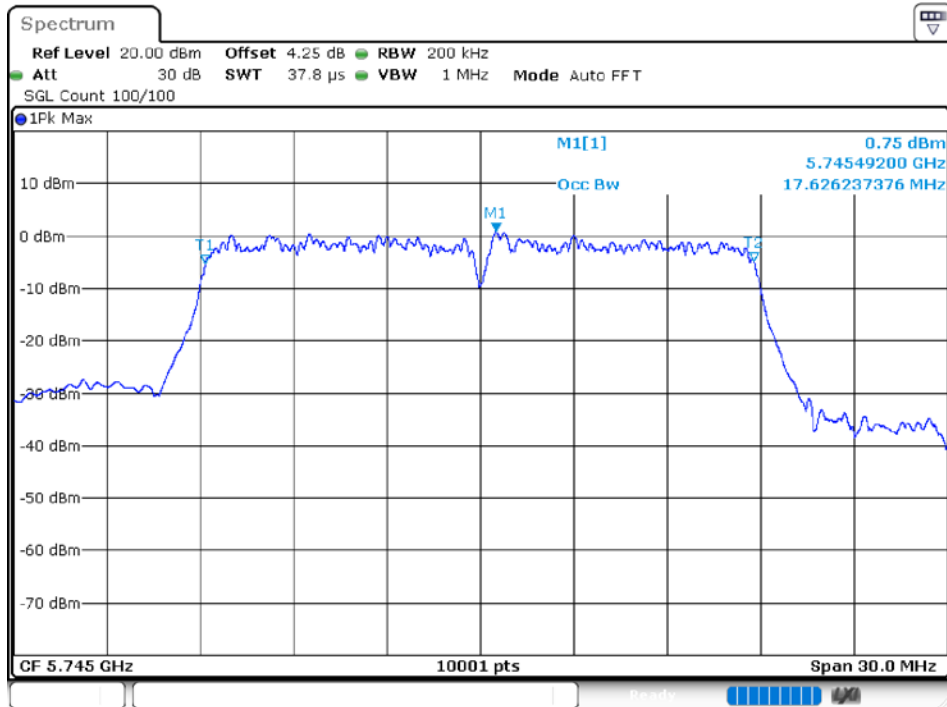




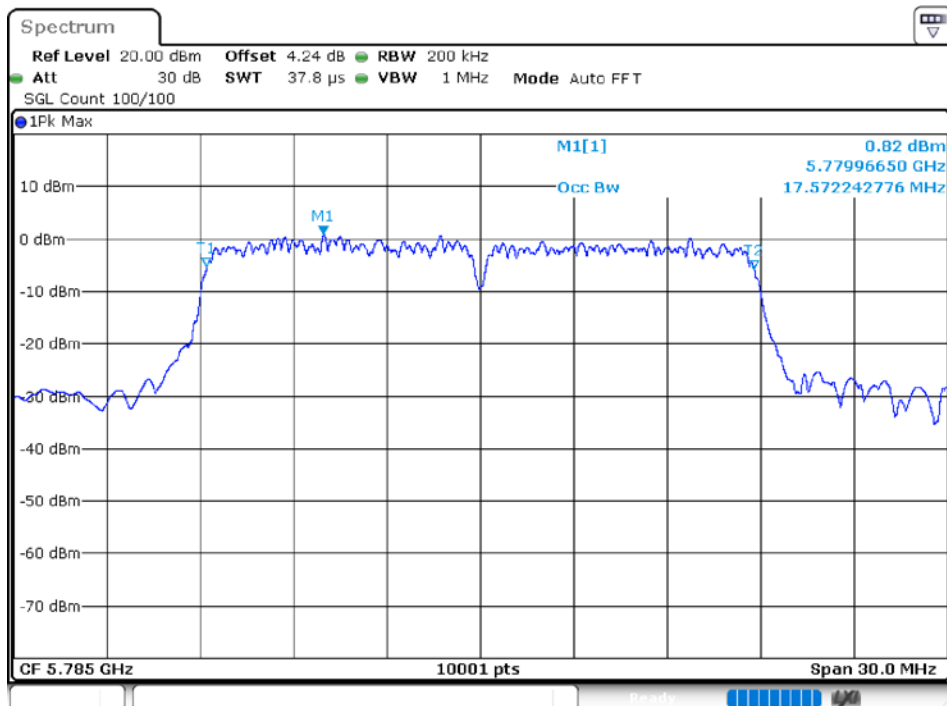


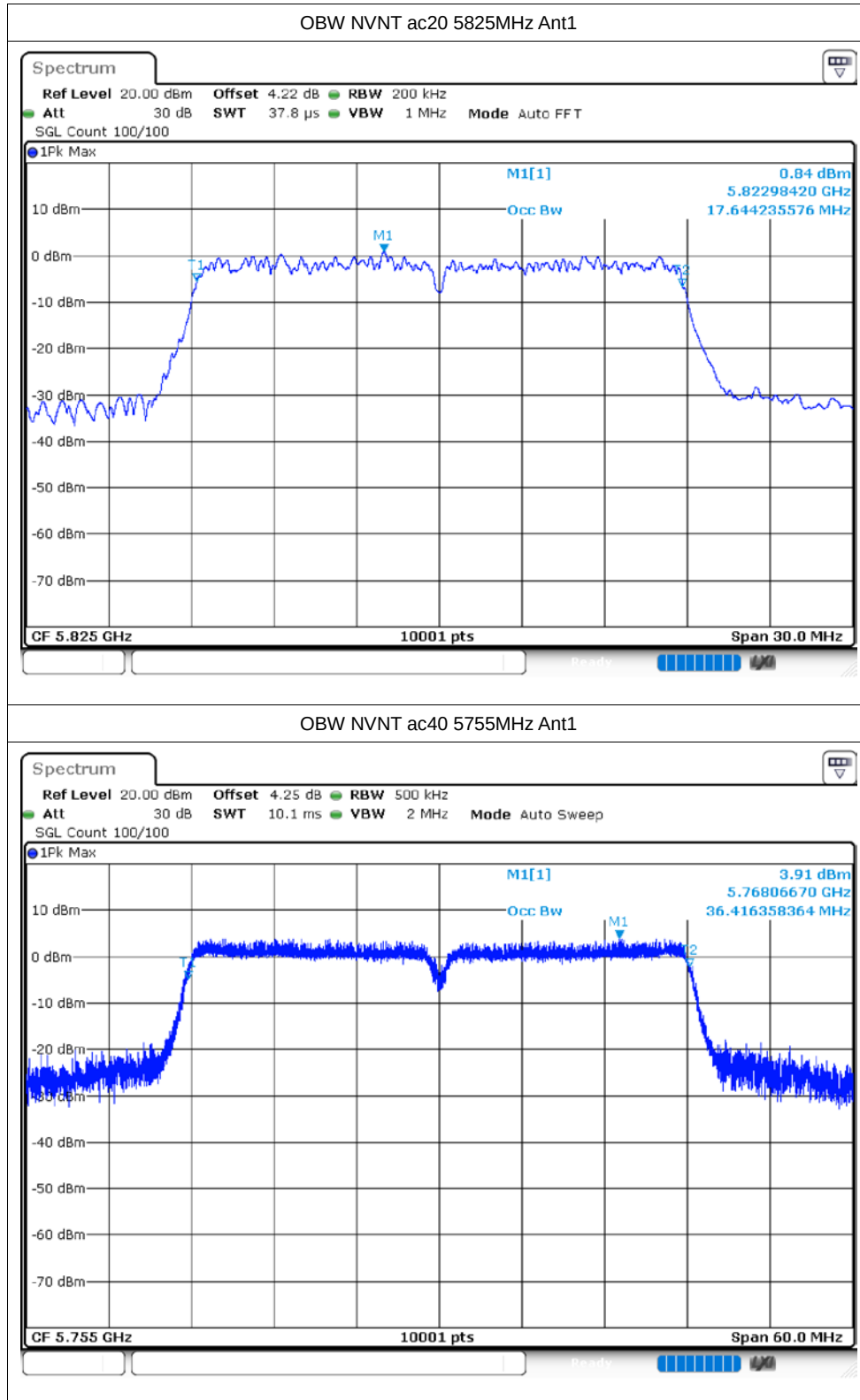


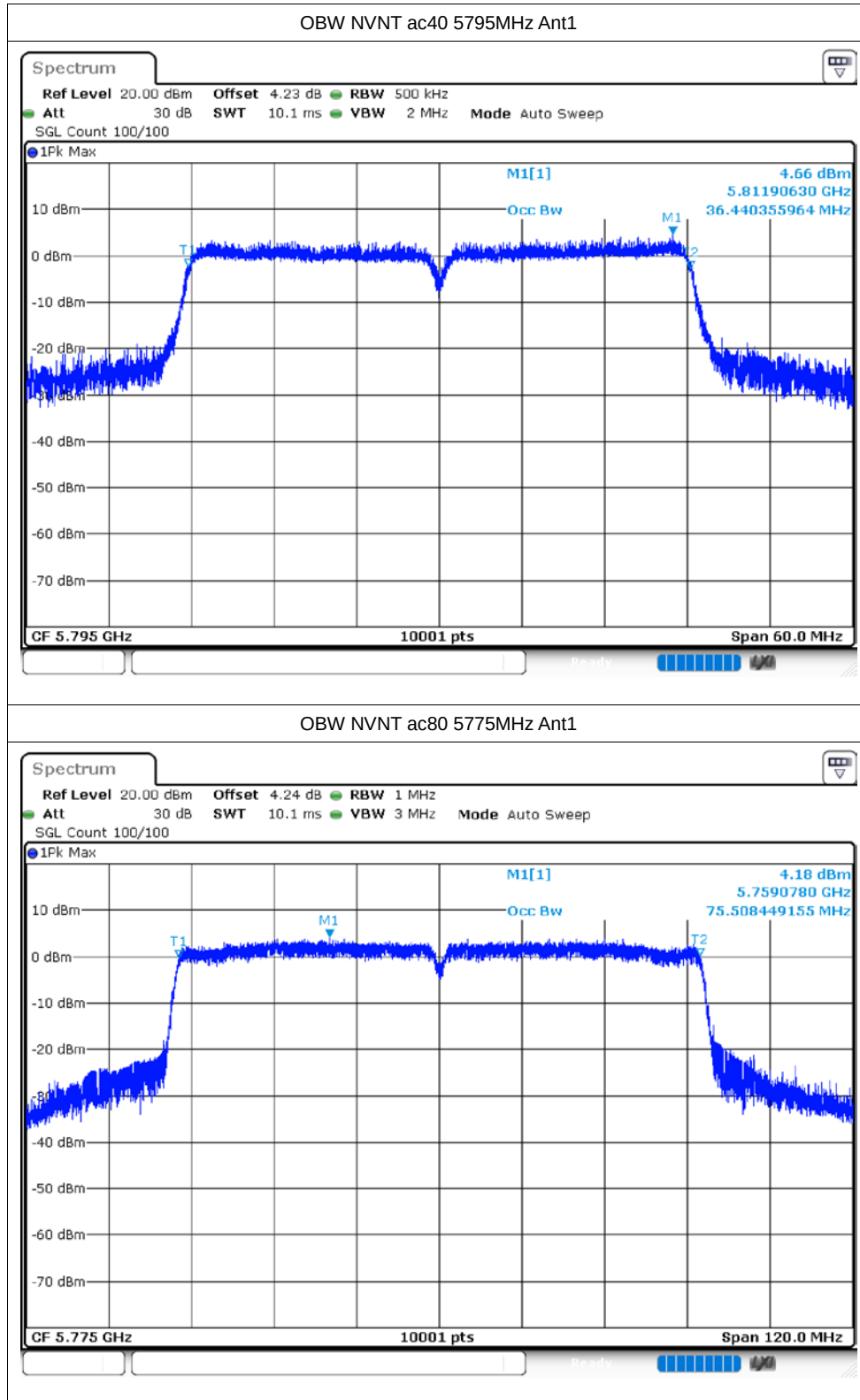
OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5785MHz Ant1





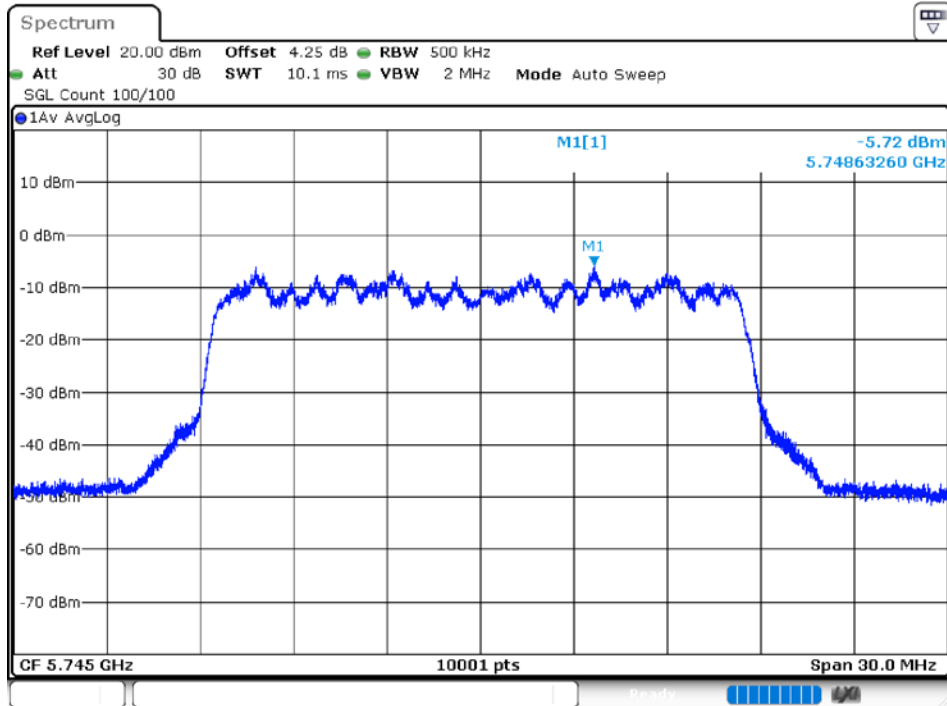


## Maximum Power Spectral Density Level

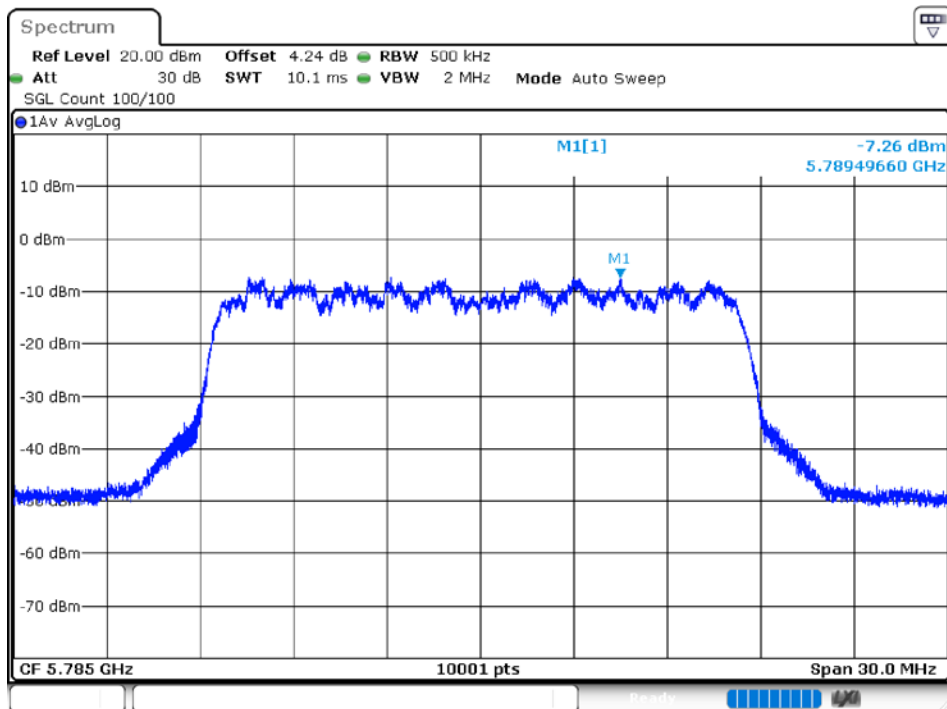
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -5.72               | 0.54             | -5.18           | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -7.26               | 0.54             | -6.72           | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -7.87               | 0.15             | -7.72           | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -6.71               | 0.62             | -6.09           | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -7.81               | 0.62             | -7.19           | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -7.3                | 0.16             | -7.14           | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -11.87              | 0.44             | -11.43          | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -12.94              | 0.33             | -12.61          | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -6.98               | 0.62             | -6.36           | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -8                  | 0.62             | -7.38           | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -7.91               | 0.61             | -7.3            | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -12.67              | 1.17             | -11.5           | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -15.06              | 1.15             | -13.91          | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -21.33              | 2.01             | -19.32          | 30          | Pass    |

Test Graphs

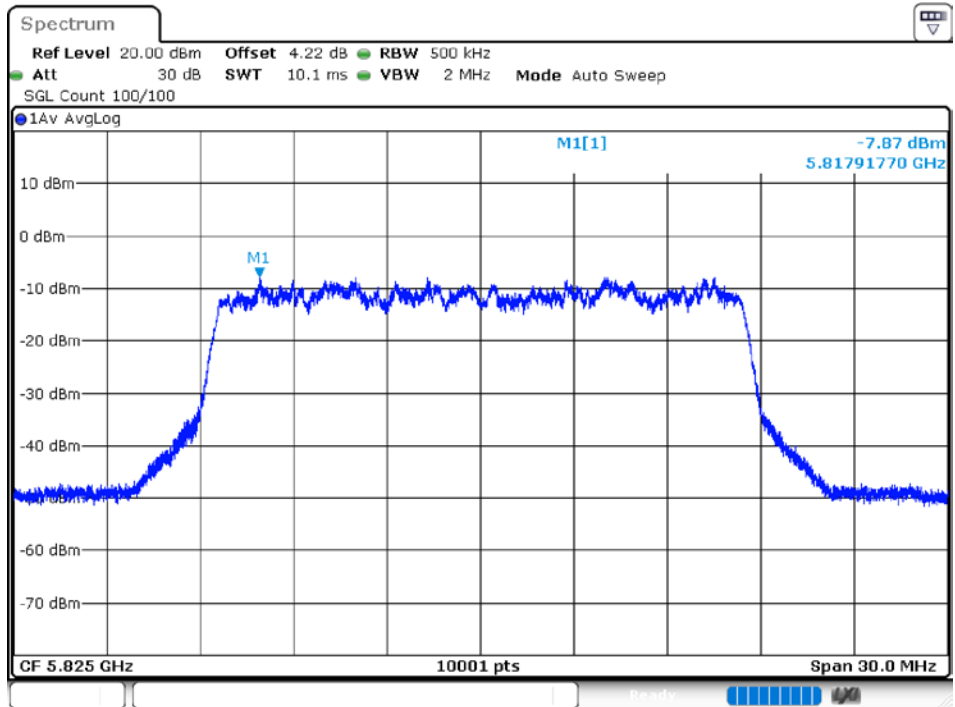
PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1

