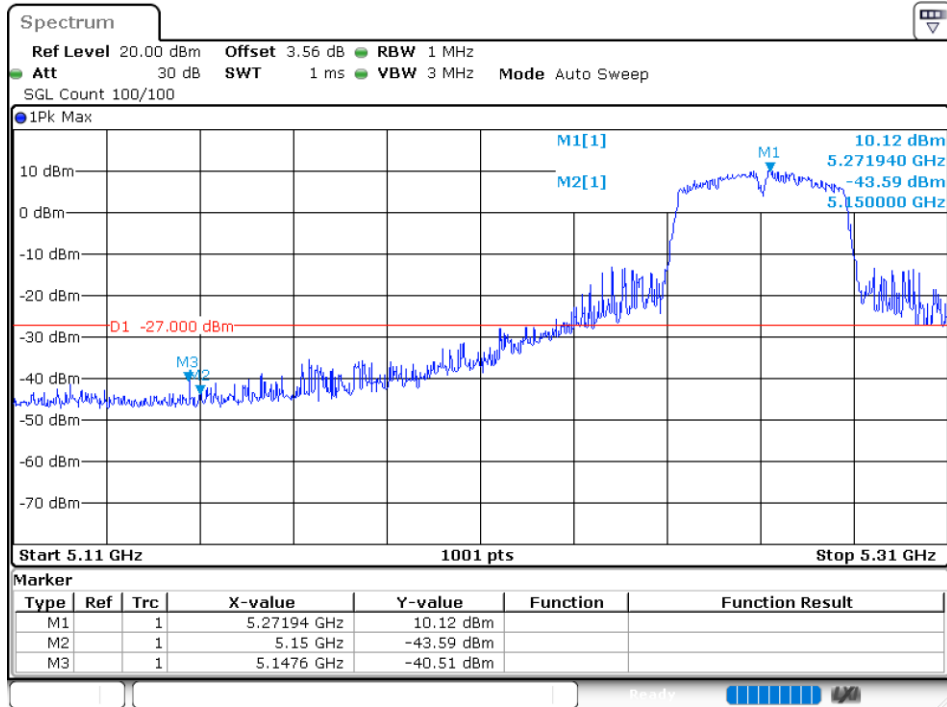
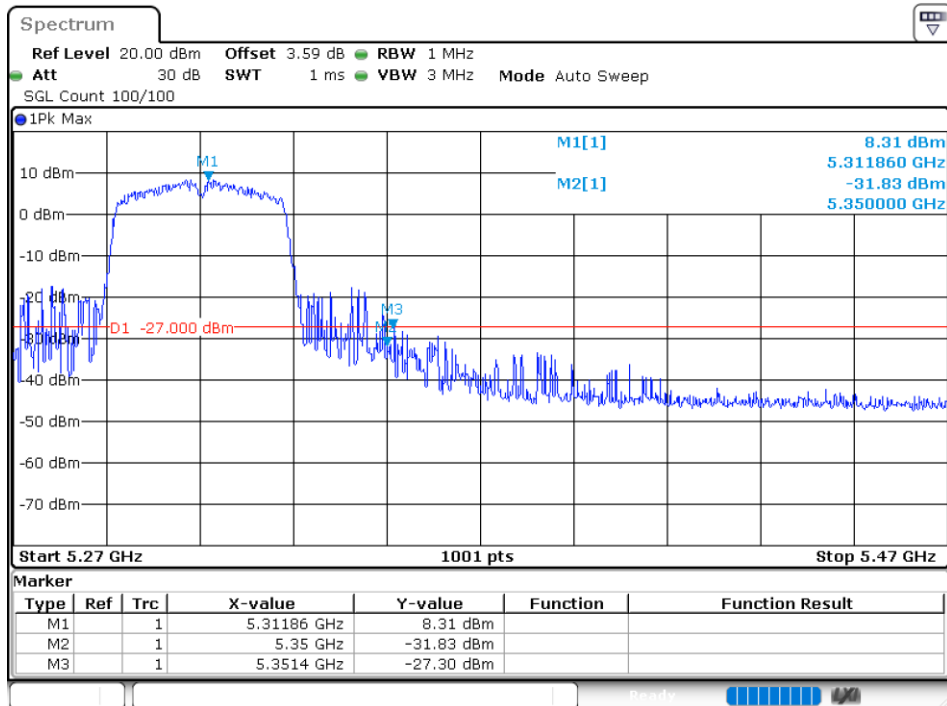


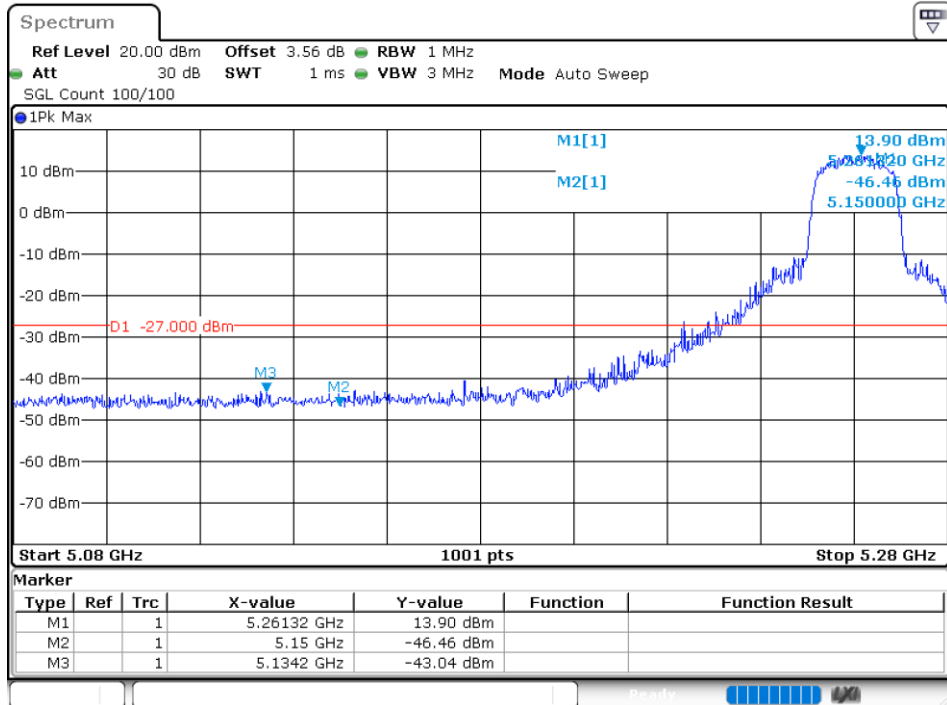
### Band Edge NVNT n40 5270MHz Low Ant1



### Band Edge NVNT n40 5310MHz High Ant1



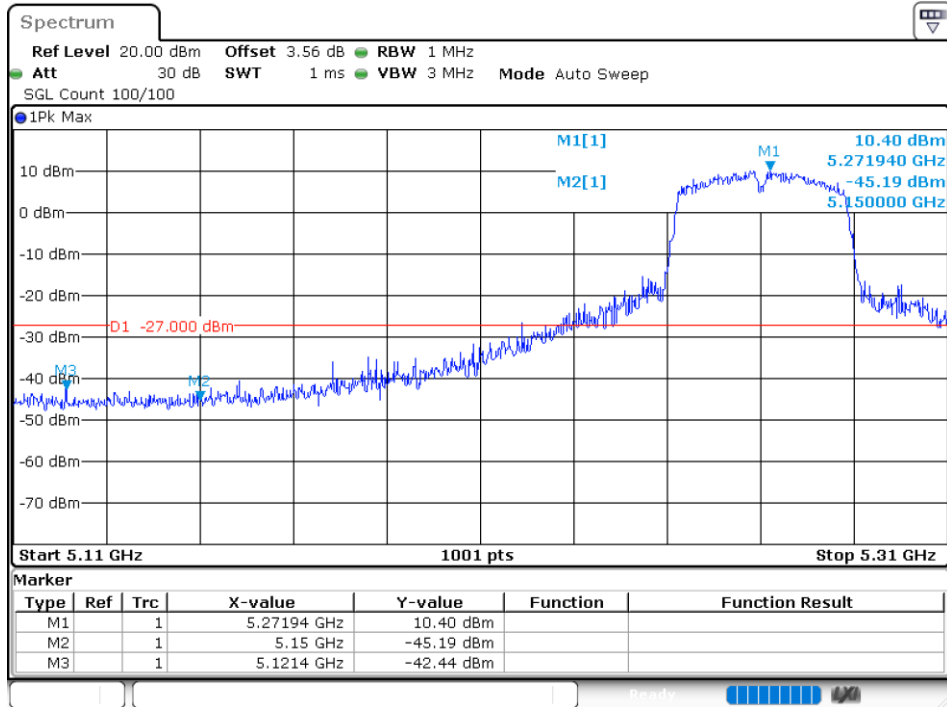
### Band Edge NVNT ac20 5260MHz Low Ant1



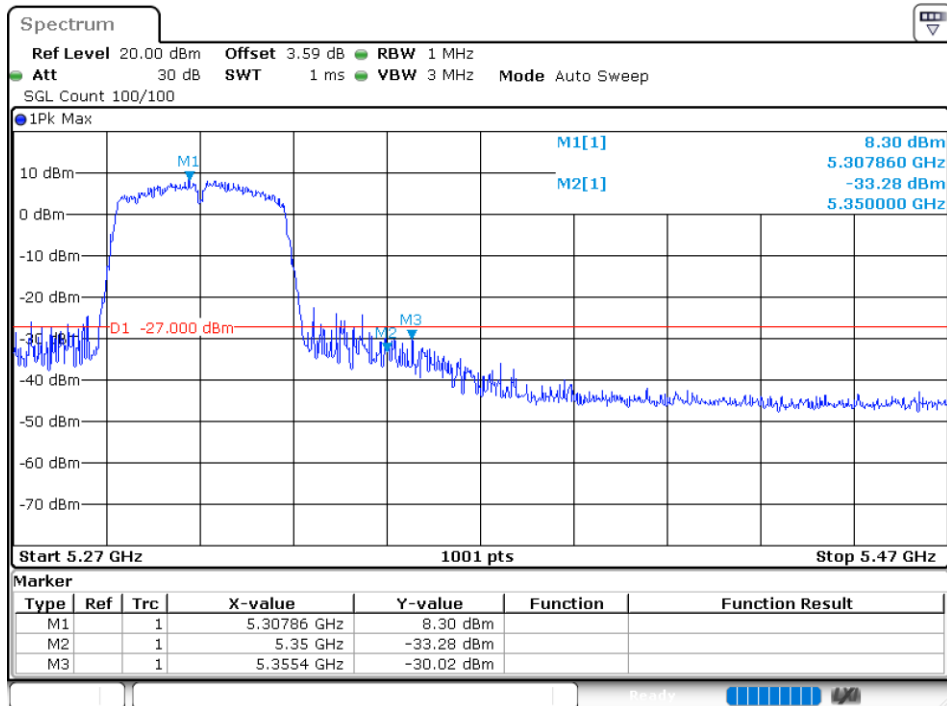
### Band Edge NVNT ac20 5320MHz High Ant1



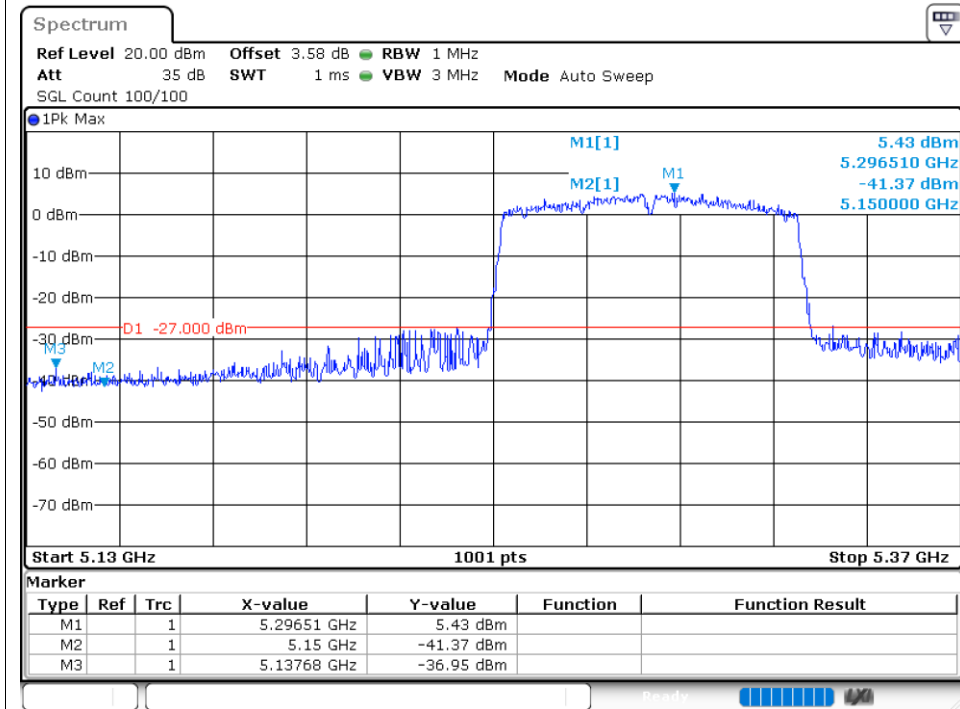
### Band Edge NVNT ac40 5270MHz Low Ant1



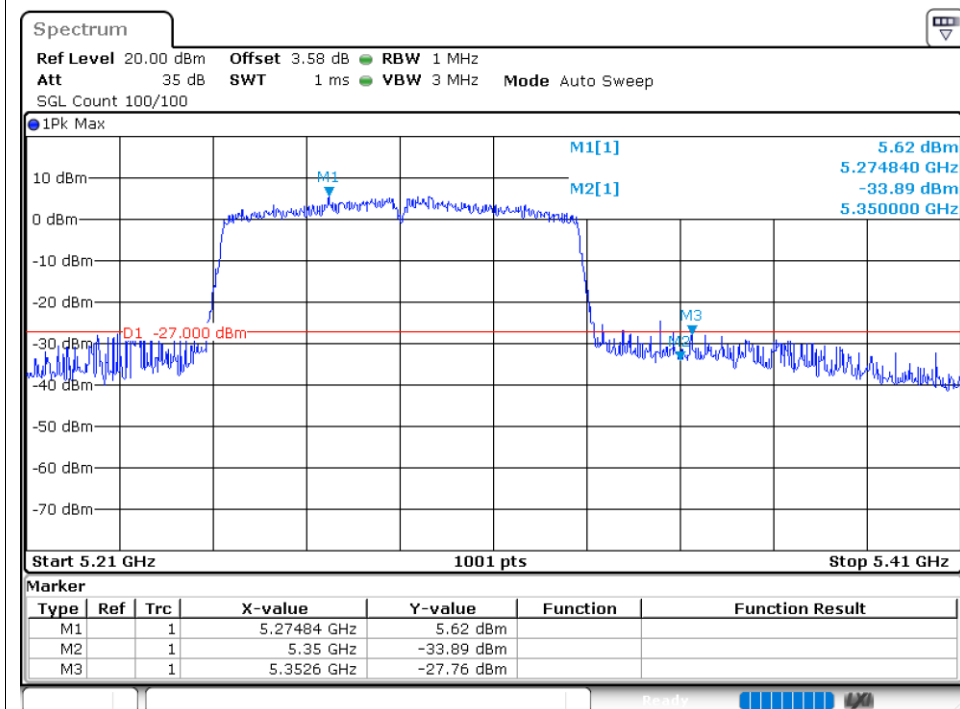
### Band Edge NVNT ac40 5310MHz High Ant1



### Band Edge NVNT ac80 5290MHz Low Ant1



### Band Edge NVNT ac80 5290MHz High Ant1



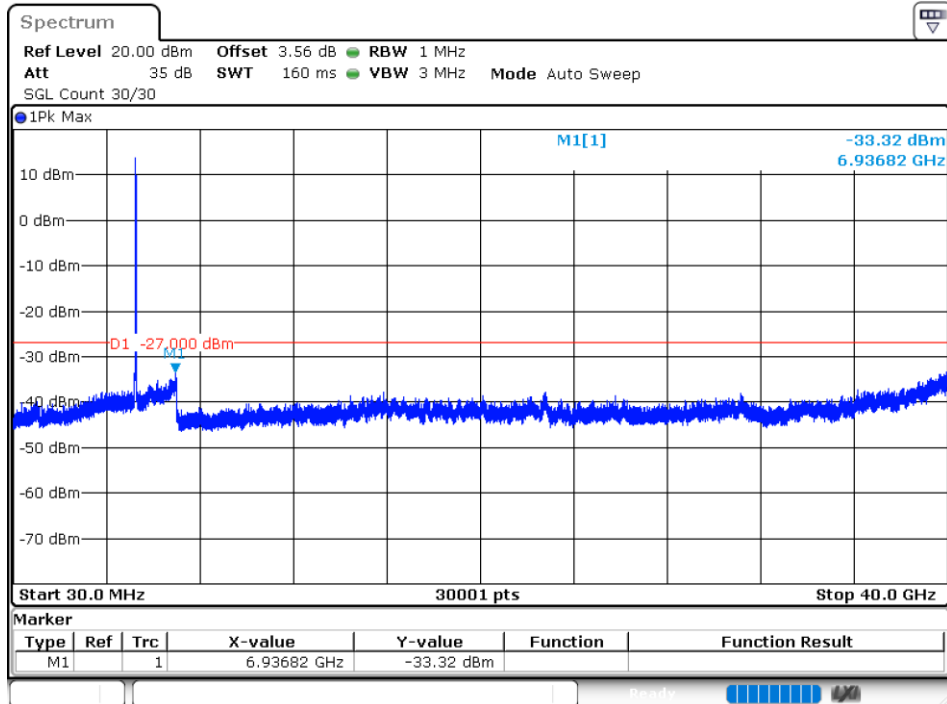
## Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | -33.32          | -27         | Pass    |
| NVNT      | a    | 5280            | Ant1    | -33.88          | -27         | Pass    |
| NVNT      | a    | 5320            | Ant1    | -34.43          | -27         | Pass    |
| NVNT      | n20  | 5260            | Ant1    | -34.81          | -27         | Pass    |
| NVNT      | n20  | 5280            | Ant1    | -32.89          | -27         | Pass    |
| NVNT      | n20  | 5320            | Ant1    | -33.98          | -27         | Pass    |
| NVNT      | n40  | 5270            | Ant1    | -34.87          | -27         | Pass    |
| NVNT      | n40  | 5310            | Ant1    | -35.15          | -27         | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | -33.5           | -27         | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | -34.74          | -27         | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | -34.77          | -27         | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | -35.18          | -27         | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | -35.39          | -27         | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | -44.1           | -27         | Pass    |

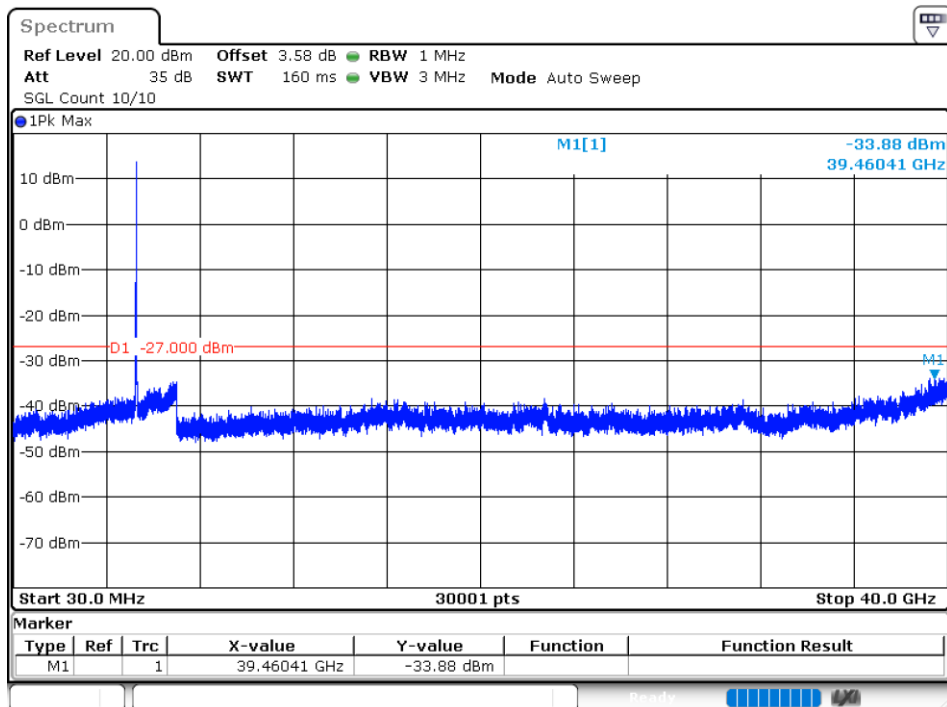
Note: This test has increased antenna gain.

## Test Graphs

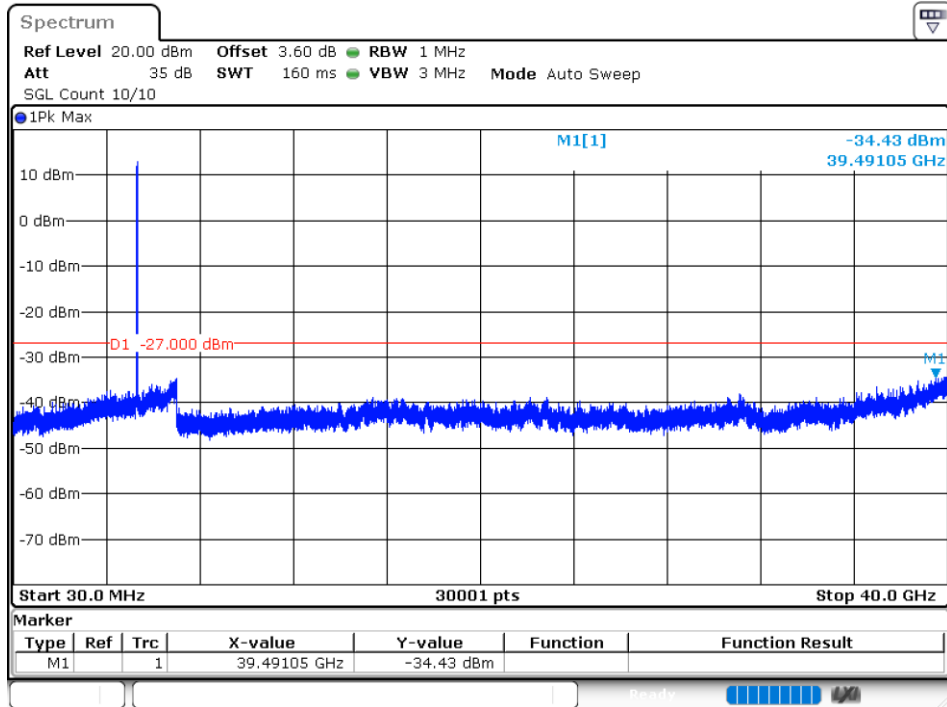
### Tx. Spurious NVNT a 5260MHz Ant1 Emission



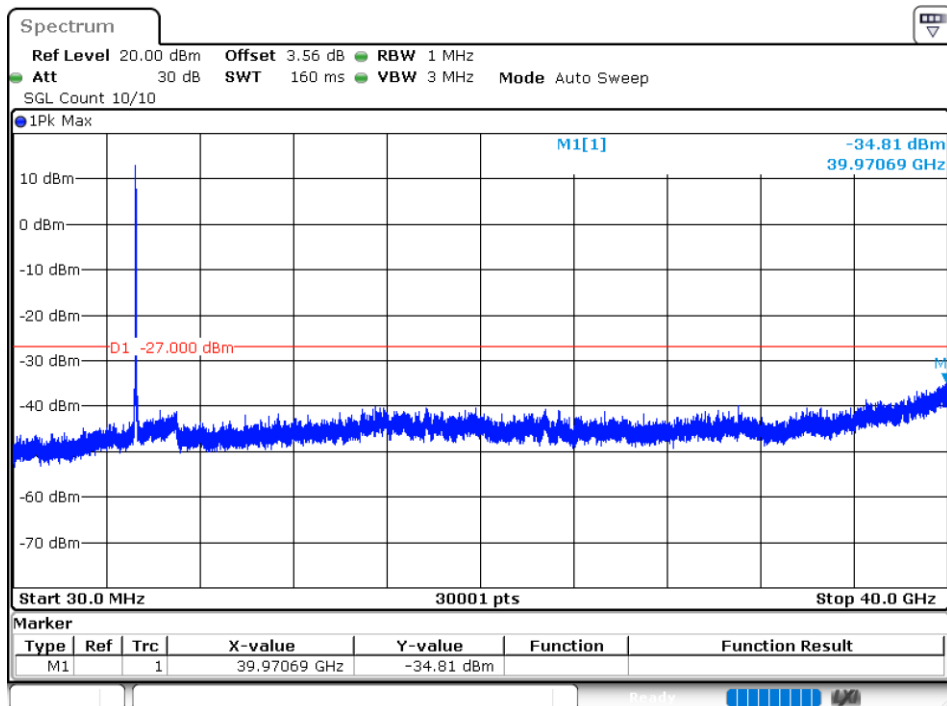
### Tx. Spurious NVNT a 5280MHz Ant1 Emission



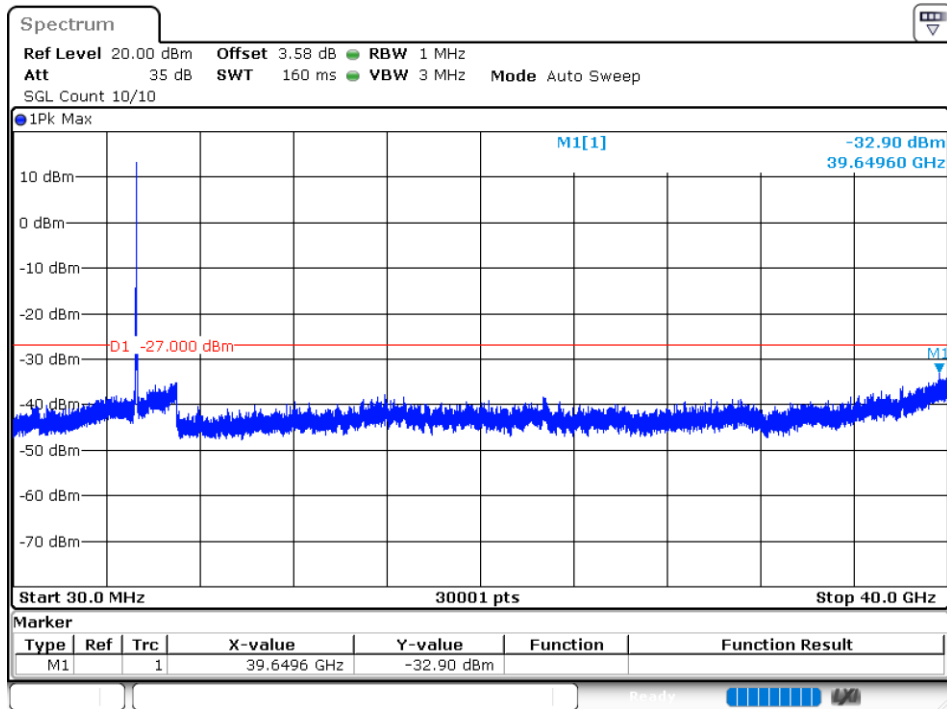
### Tx. Spurious NVNT a 5320MHz Ant1 Emission



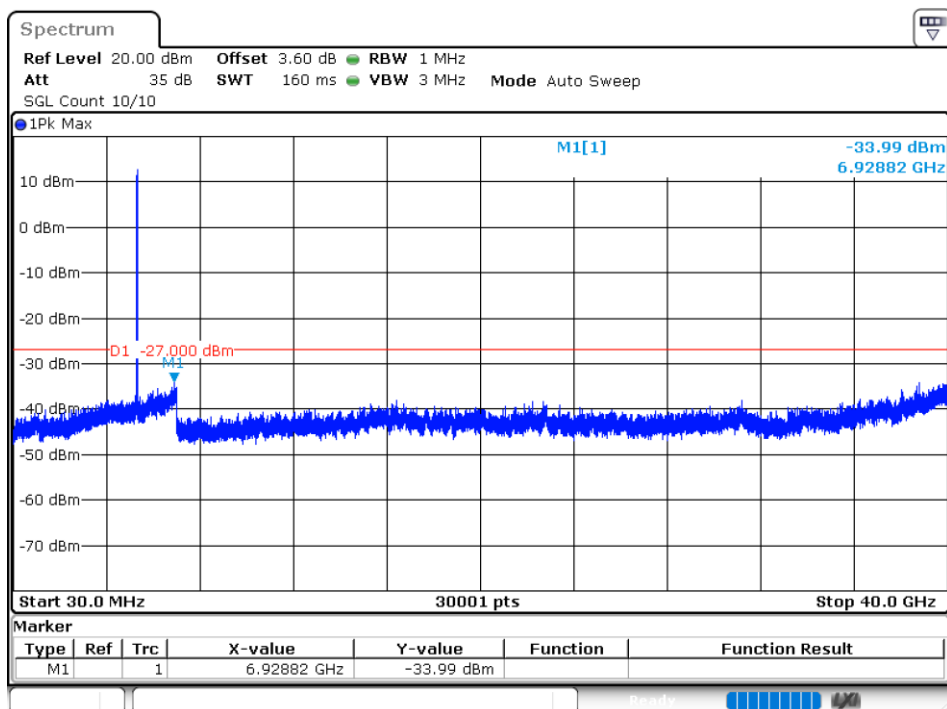
### Tx. Spurious NVNT n20 5260MHz Ant1 Emission



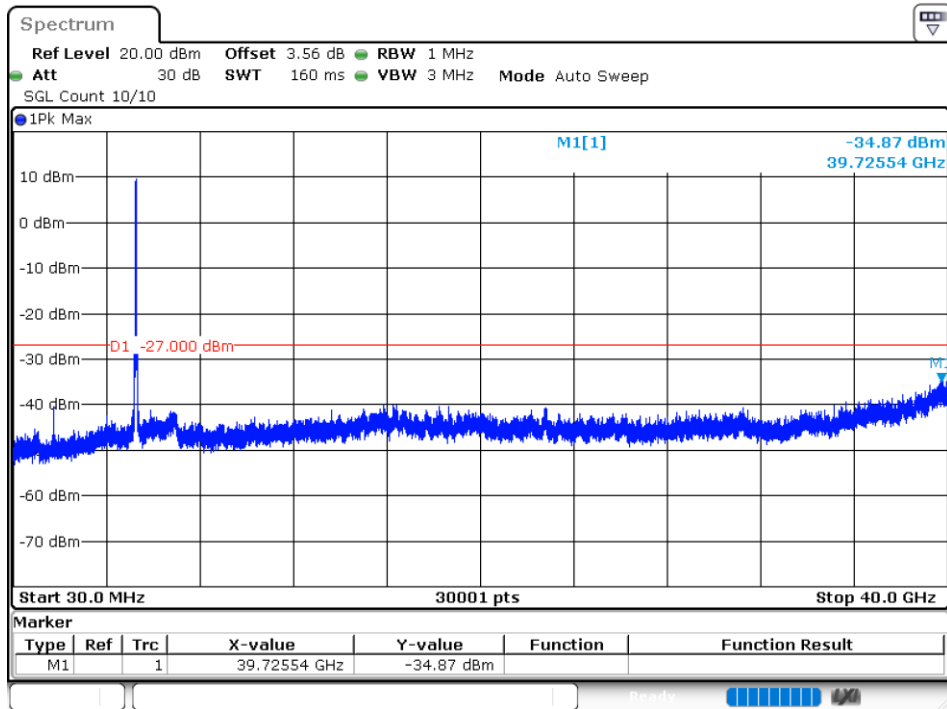
### Tx. Spurious NVNT n20 5280MHz Ant1 Emission



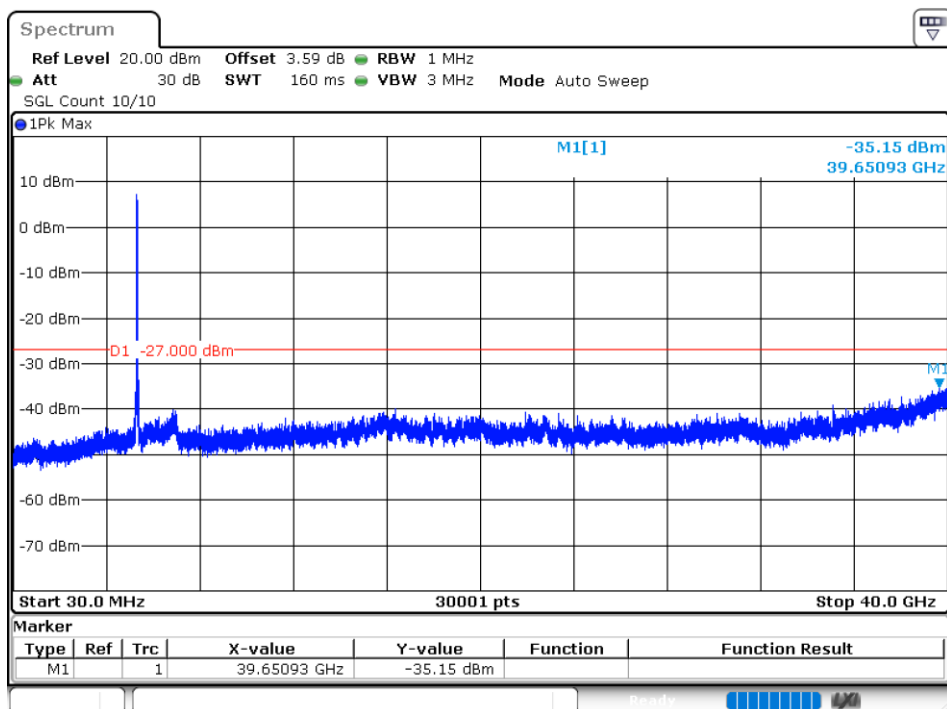
### Tx. Spurious NVNT n20 5320MHz Ant1 Emission



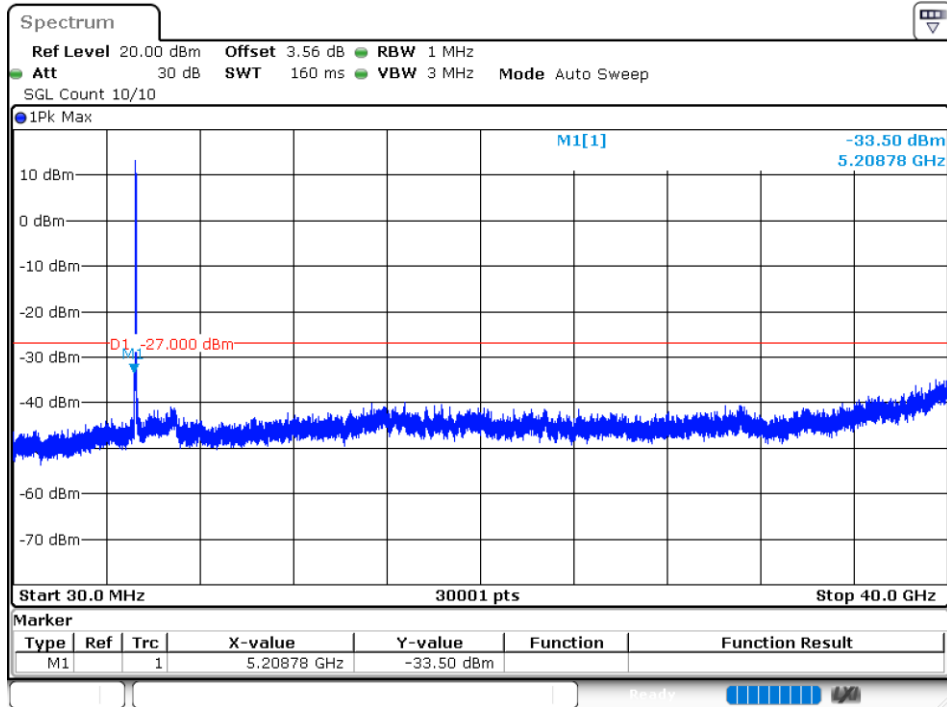
### Tx. Spurious NVNT n40 5270MHz Ant1 Emission



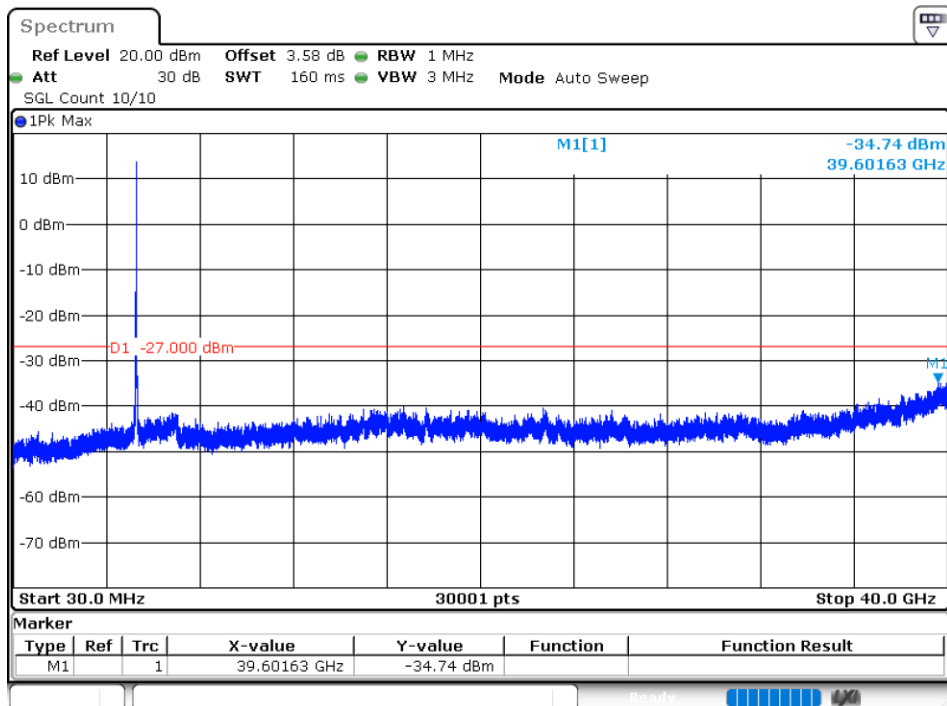
### Tx. Spurious NVNT n40 5310MHz Ant1 Emission



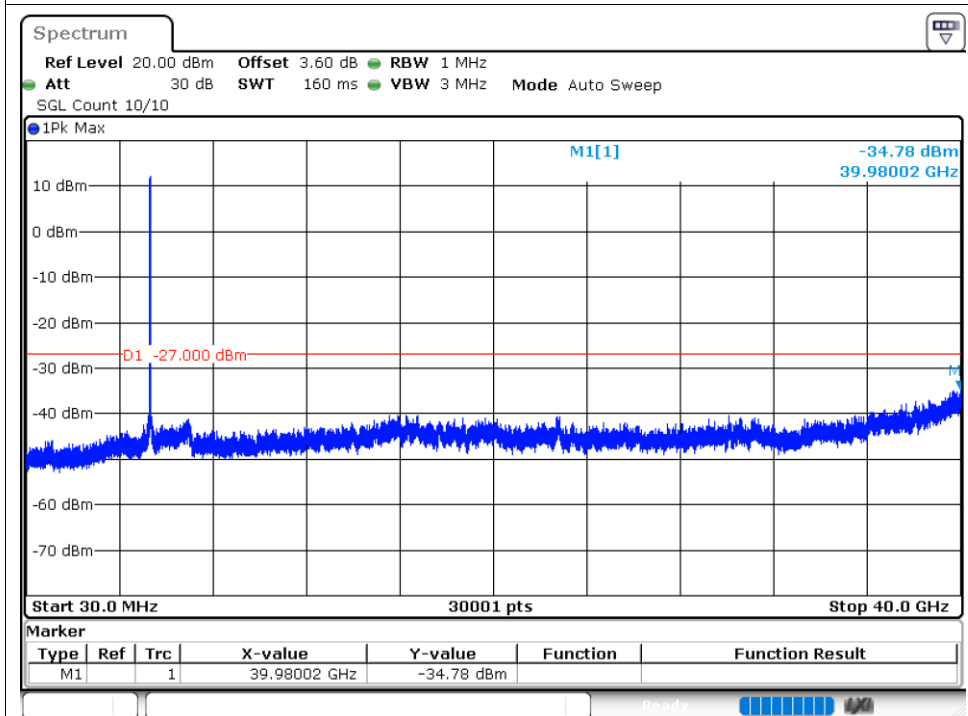
### Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



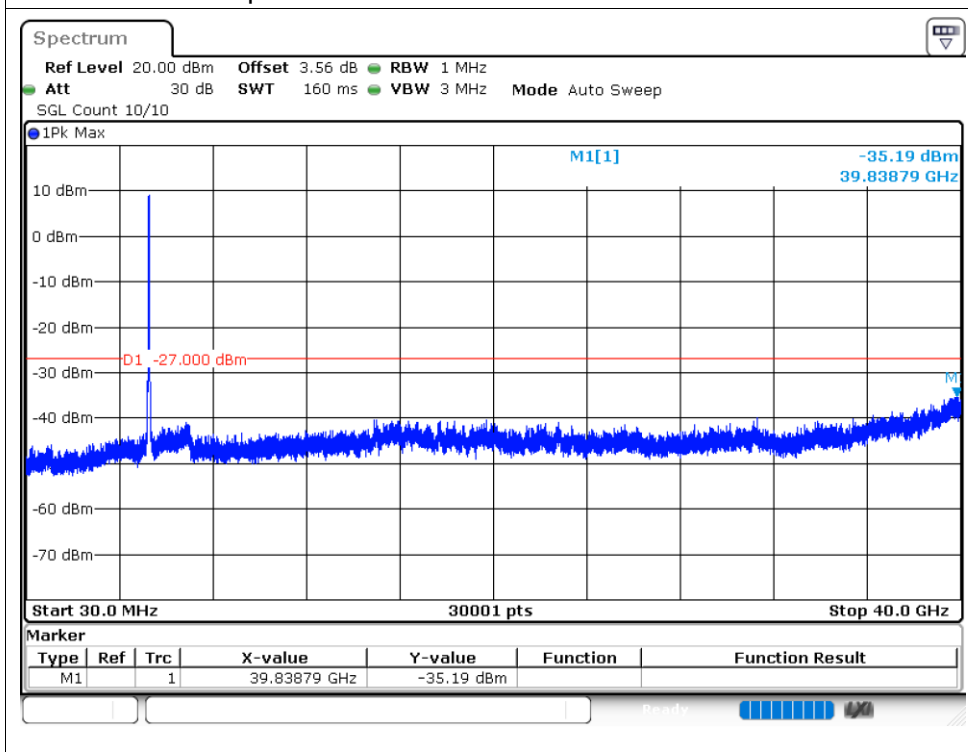
### Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



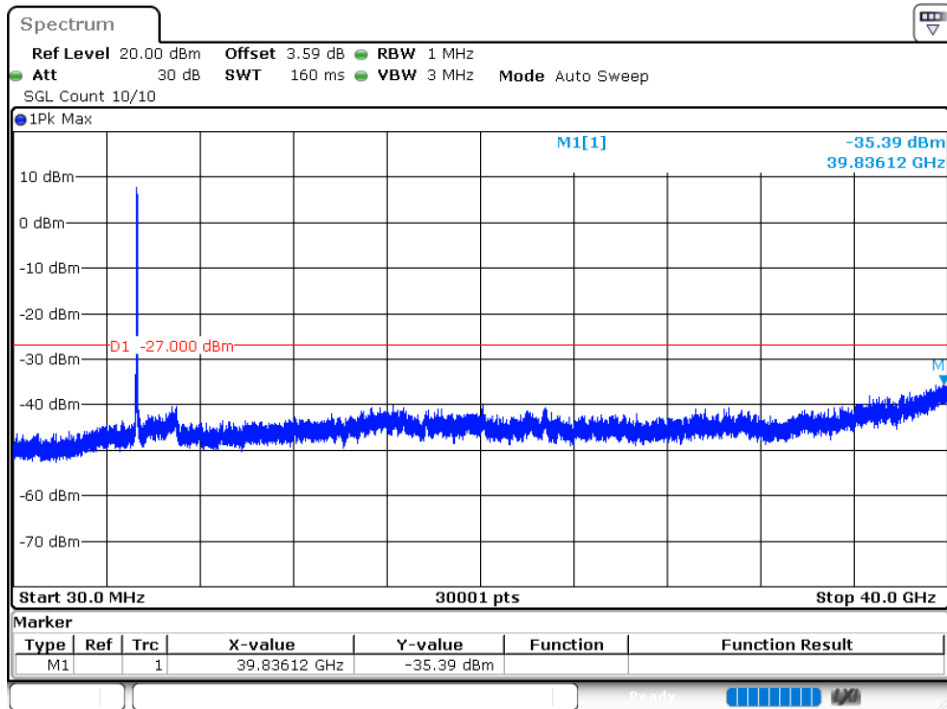
### Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



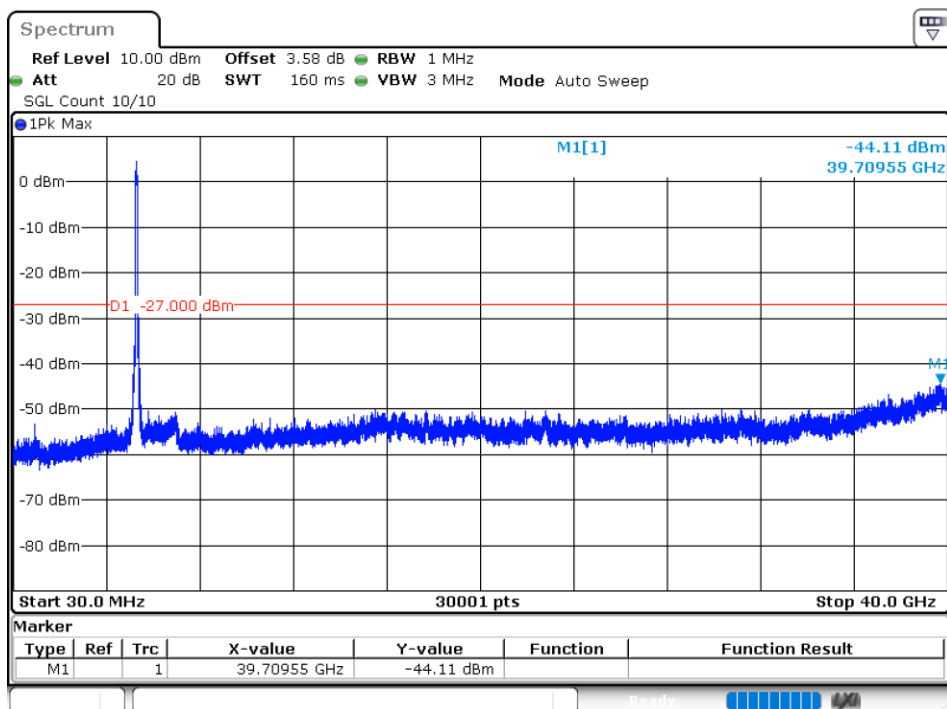
### Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



### Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



### Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



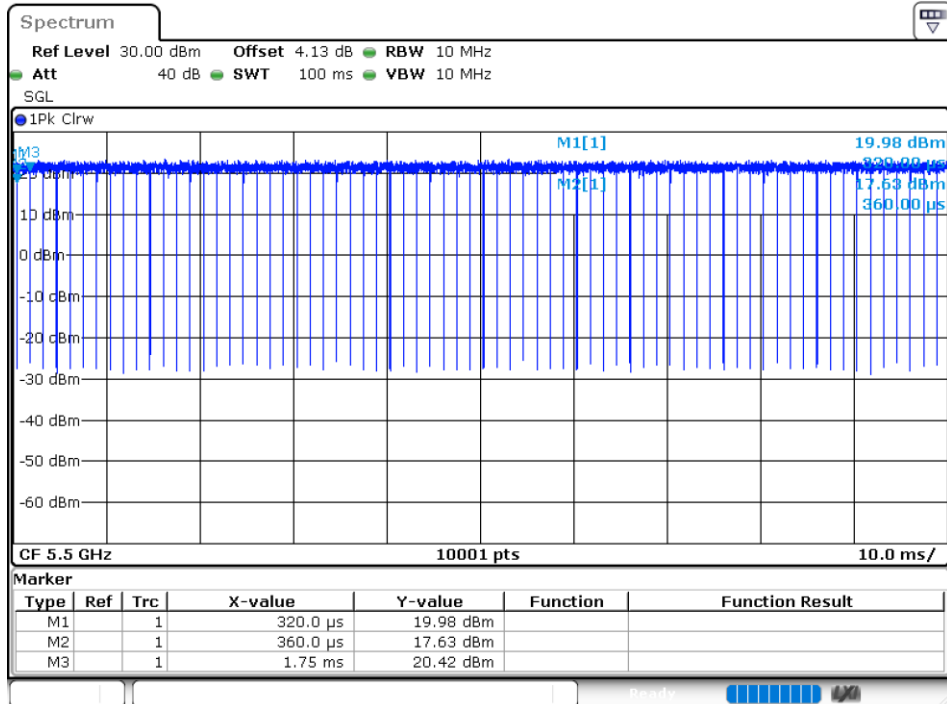
## 5.6G WIFI

### Duty Cycle

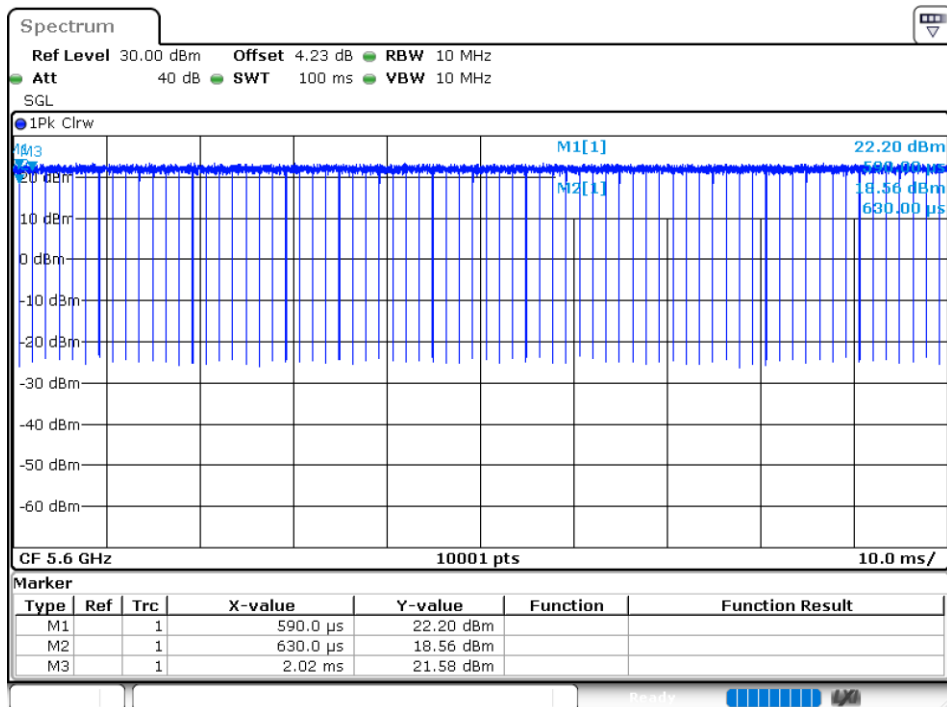
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5500            | Ant1    | 98.2           | 0.08                   | 0.72      |
| NVNT      | a    | 5600            | Ant1    | 98.19          | 0.08                   | 0.72      |
| NVNT      | a    | 5700            | Ant1    | 98.2           | 0.08                   | 0.72      |
| NVNT      | n20  | 5500            | Ant1    | 98.08          | 0.08                   | 0.77      |
| NVNT      | n20  | 5600            | Ant1    | 98.06          | 0.09                   | 0.77      |
| NVNT      | n20  | 5700            | Ant1    | 98.06          | 0.09                   | 0.77      |
| NVNT      | n40  | 5510            | Ant1    | 96.35          | 0.16                   | 1.54      |
| NVNT      | n40  | 5590            | Ant1    | 96.33          | 0.16                   | 1.54      |
| NVNT      | n40  | 5670            | Ant1    | 96.34          | 0.16                   | 1.54      |
| NVNT      | ac20 | 5500            | Ant1    | 98.08          | 0.08                   | 0.76      |
| NVNT      | ac20 | 5600            | Ant1    | 98.06          | 0.09                   | 0.76      |
| NVNT      | ac20 | 5700            | Ant1    | 98.08          | 0.08                   | 0.76      |
| NVNT      | ac40 | 5510            | Ant1    | 95.3           | 0.21                   | 1.54      |
| NVNT      | ac40 | 5590            | Ant1    | 95.15          | 0.22                   | 1.54      |
| NVNT      | ac40 | 5670            | Ant1    | 94.57          | 0.24                   | 1.54      |
| NVNT      | ac80 | 5530            | Ant1    | 93.16          | 0.31                   | 3.03      |
| NVNT      | ac80 | 5610            | Ant1    | 93.15          | 0.31                   | 3.03      |

## Test Graphs

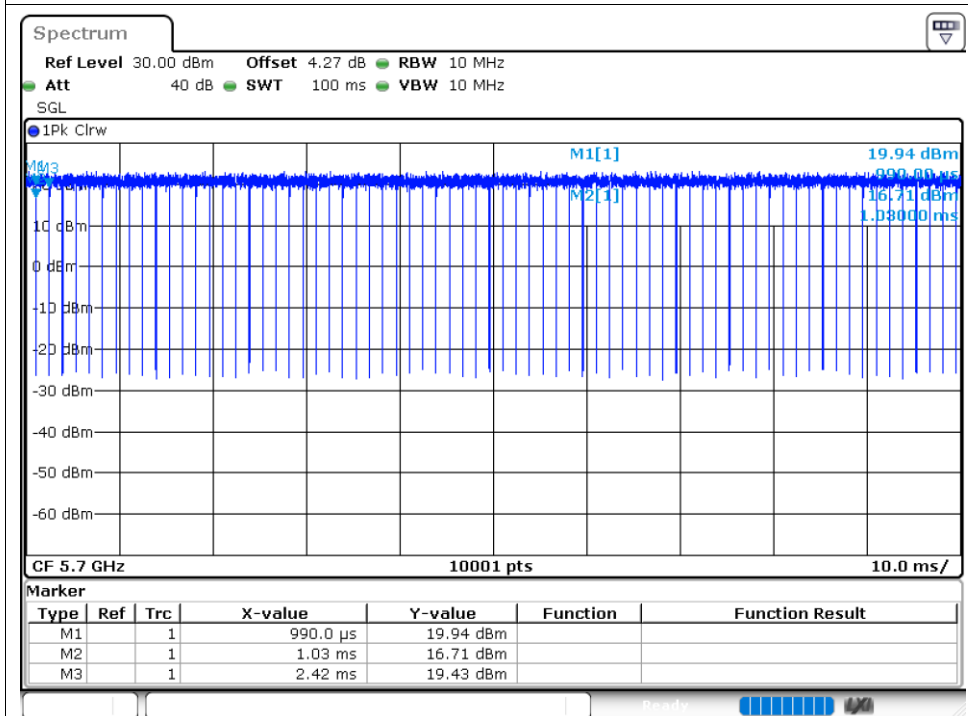
### Duty Cycle NVNT a 5500MHz Ant1



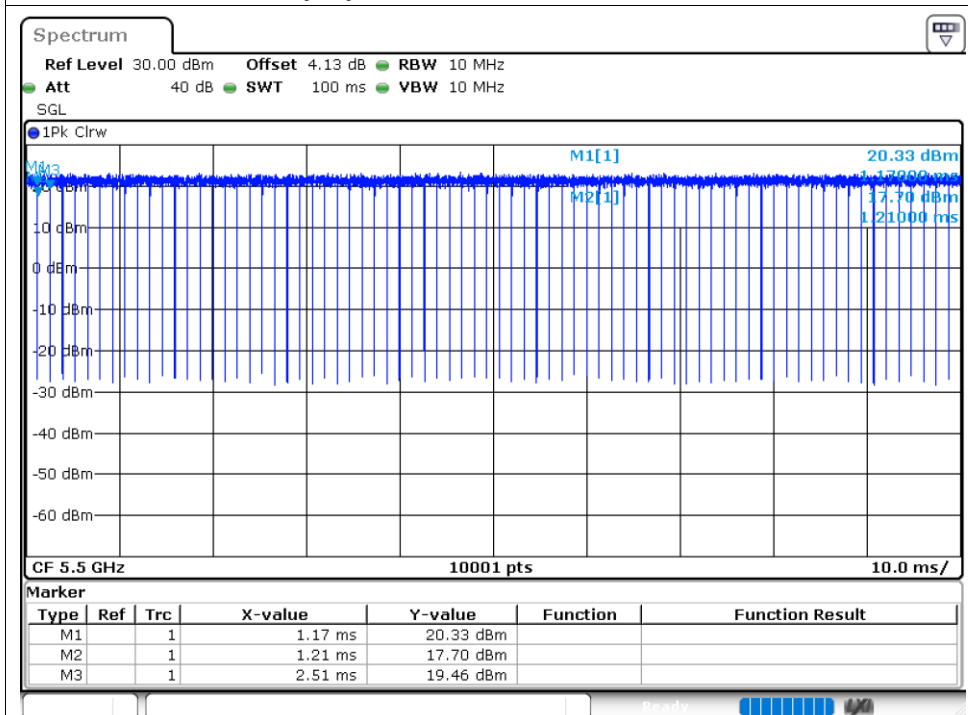
### Duty Cycle NVNT a 5600MHz Ant1



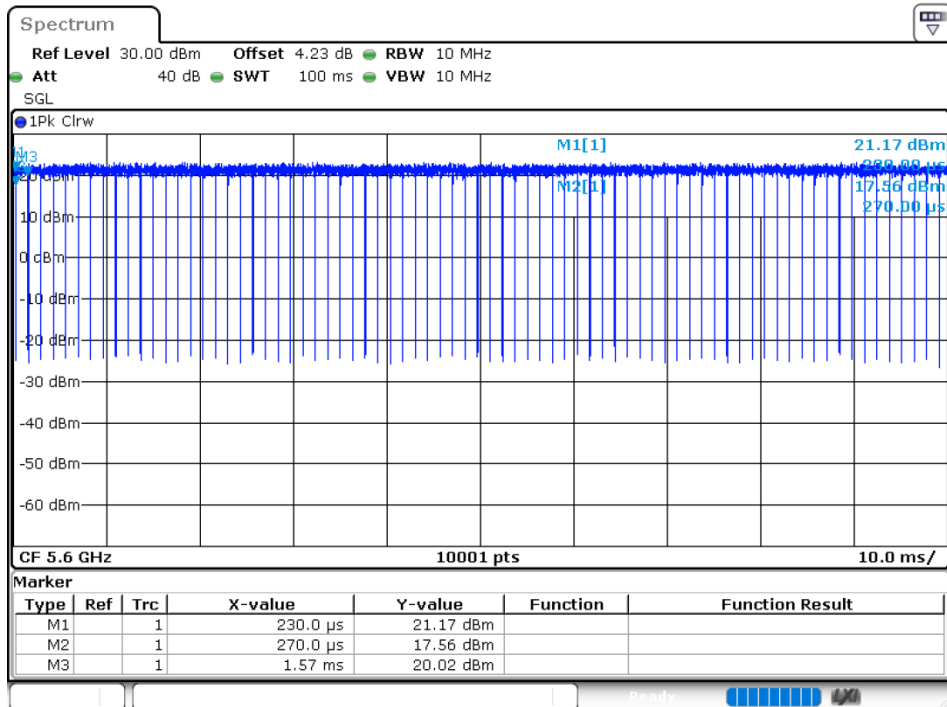
## Duty Cycle NVNT a 5700MHz Ant1



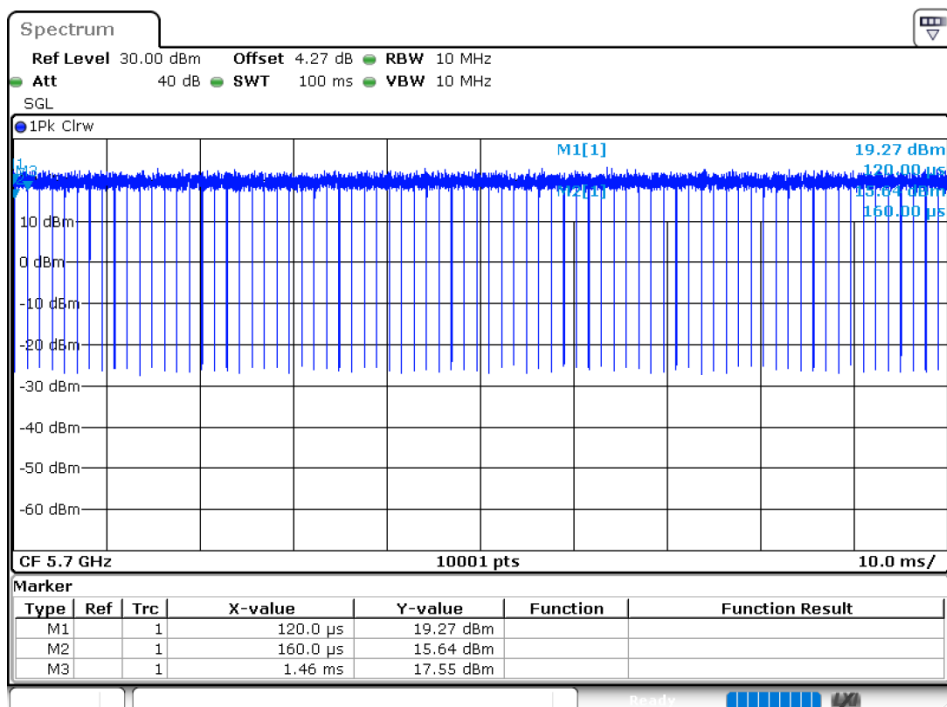
## Duty Cycle NVNT n20 5500MHz Ant1



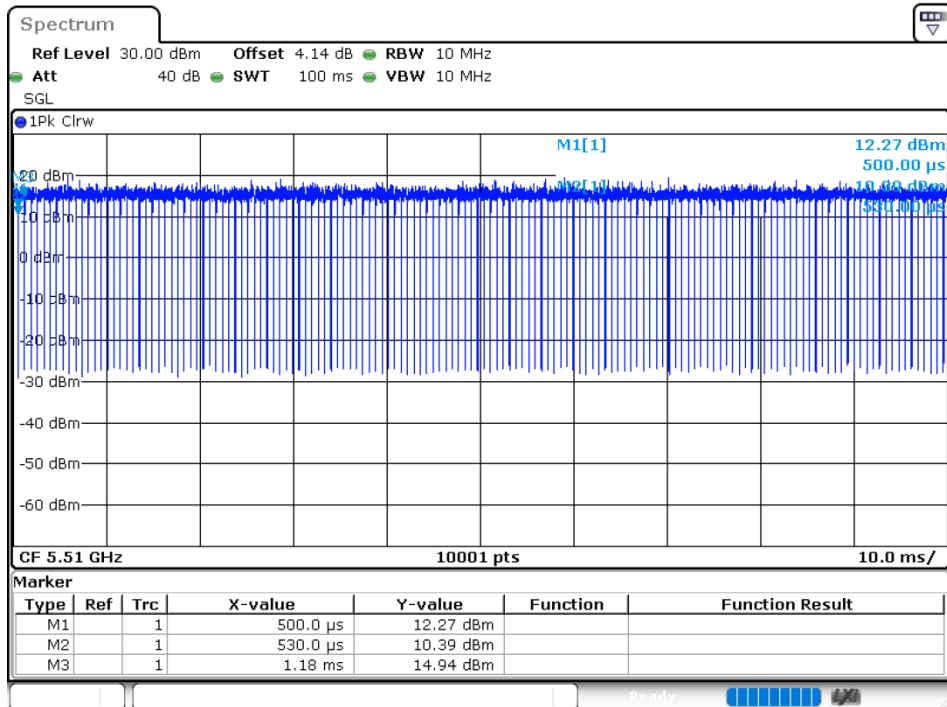
## Duty Cycle NVNT n20 5600MHz Ant1



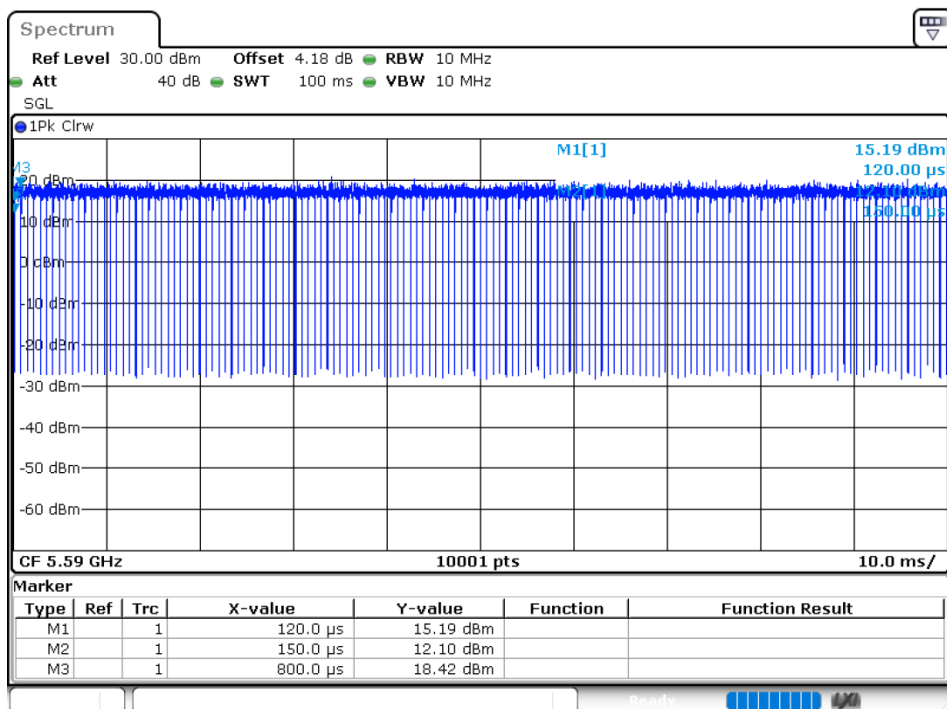
## Duty Cycle NVNT n20 5700MHz Ant1



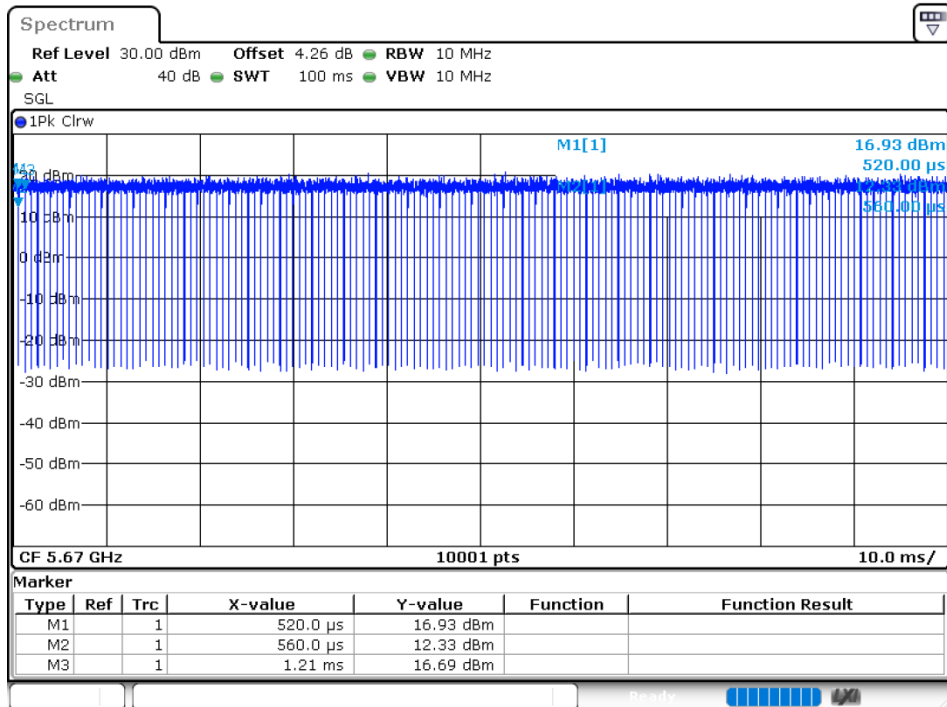
## Duty Cycle NVNT n40 5510MHz Ant1



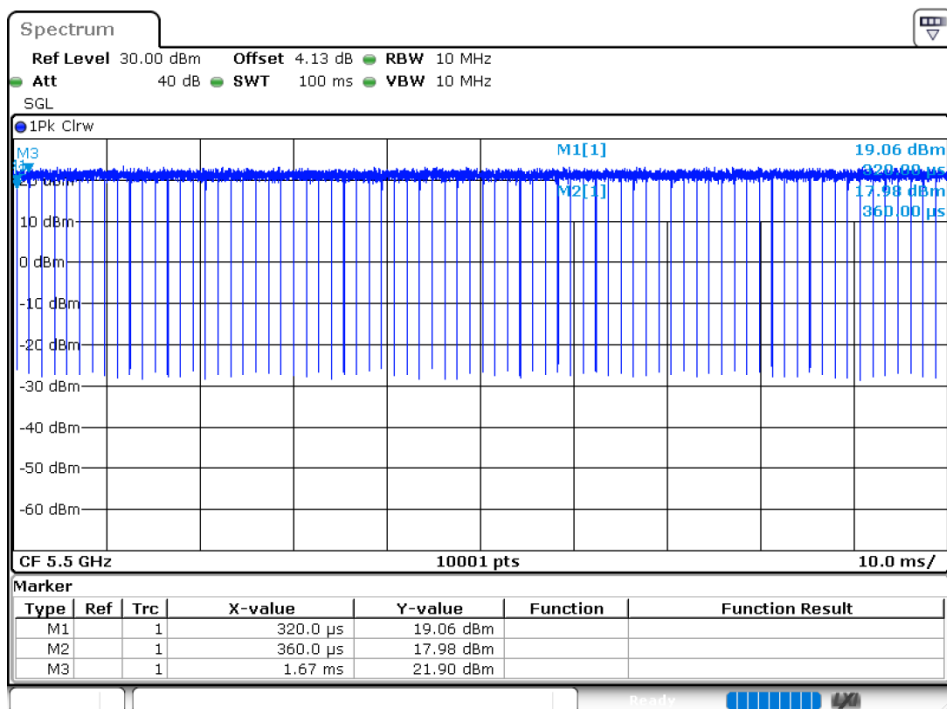
## Duty Cycle NVNT n40 5590MHz Ant1



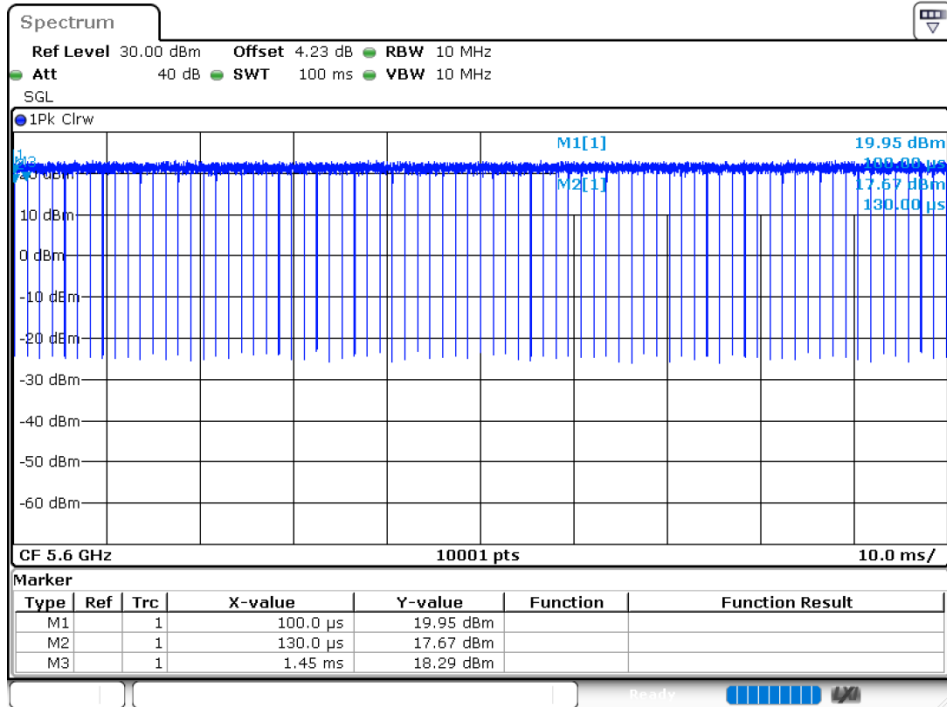
## Duty Cycle NVNT n40 5670MHz Ant1



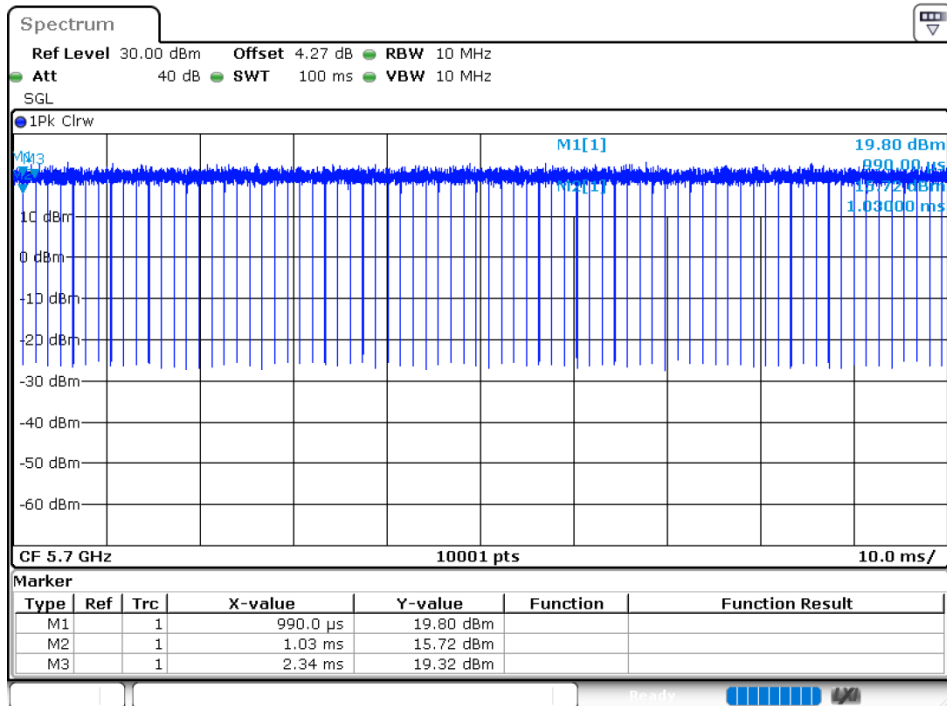
## Duty Cycle NVNT ac20 5500MHz Ant1



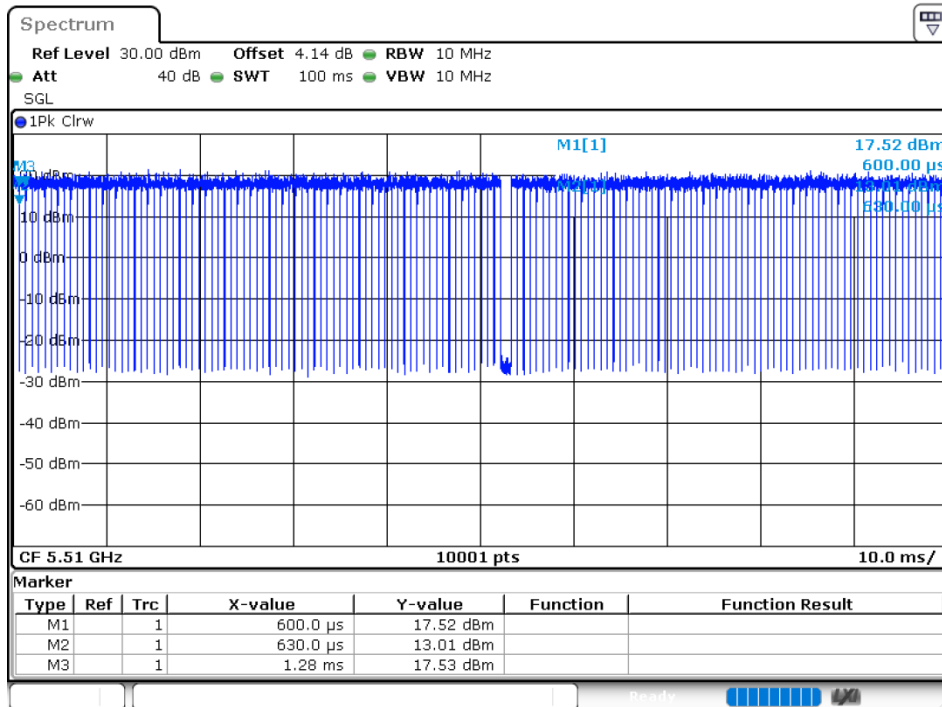
### Duty Cycle NVNT ac20 5600MHz Ant1



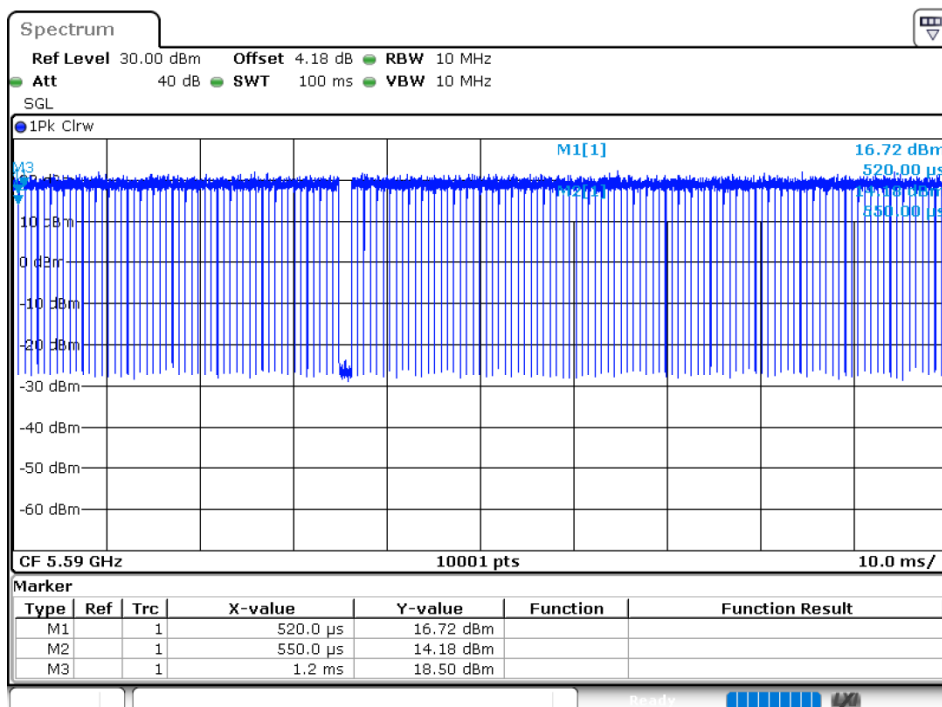
### Duty Cycle NVNT ac20 5700MHz Ant1



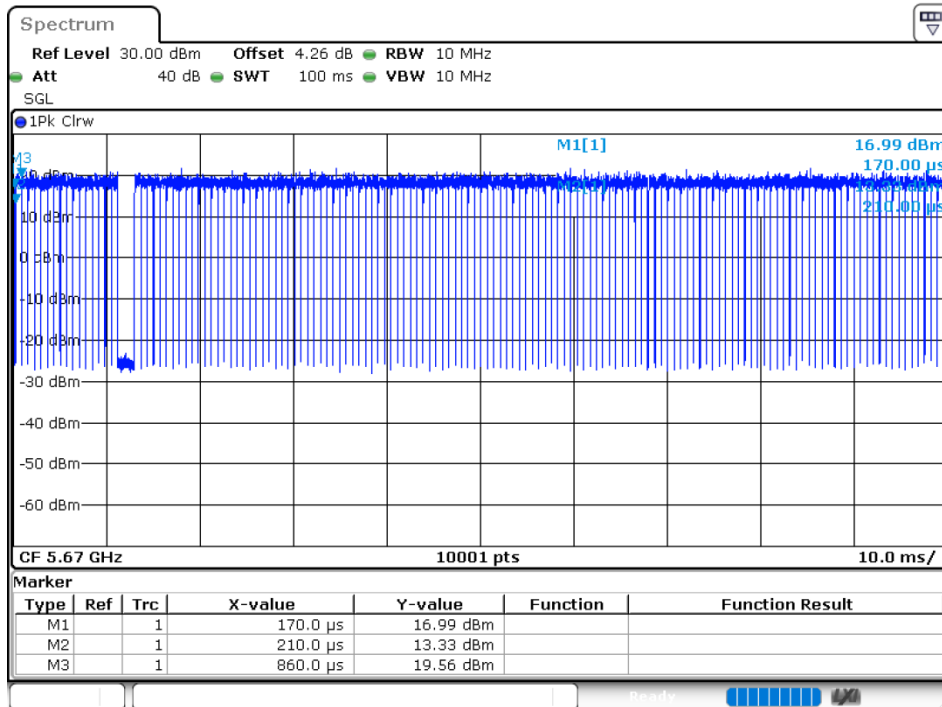
## Duty Cycle NVNT ac40 5510MHz Ant1



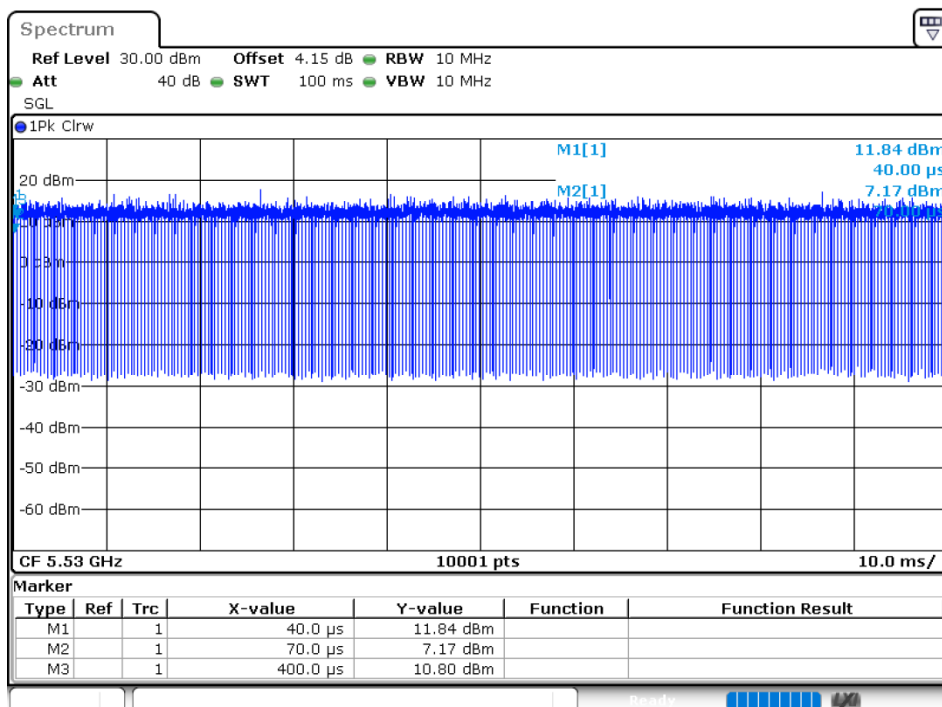
## Duty Cycle NVNT ac40 5590MHz Ant1

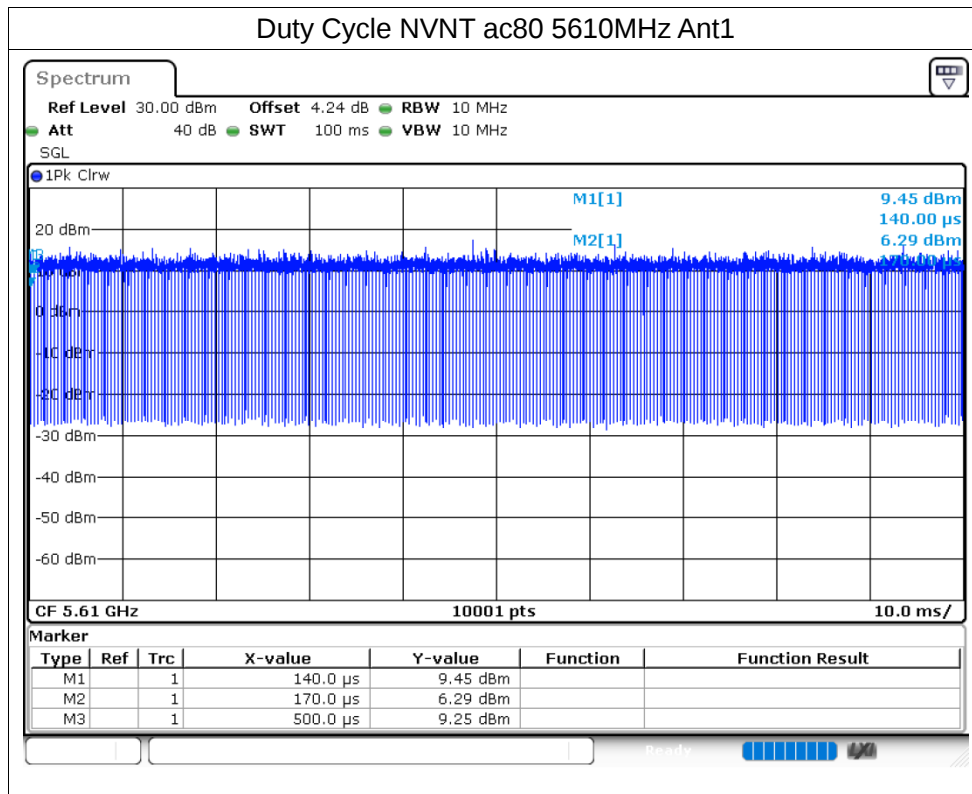


## Duty Cycle NVNT ac40 5670MHz Ant1



## Duty Cycle NVNT ac80 5530MHz Ant1





## Maximum Conducted Output Power

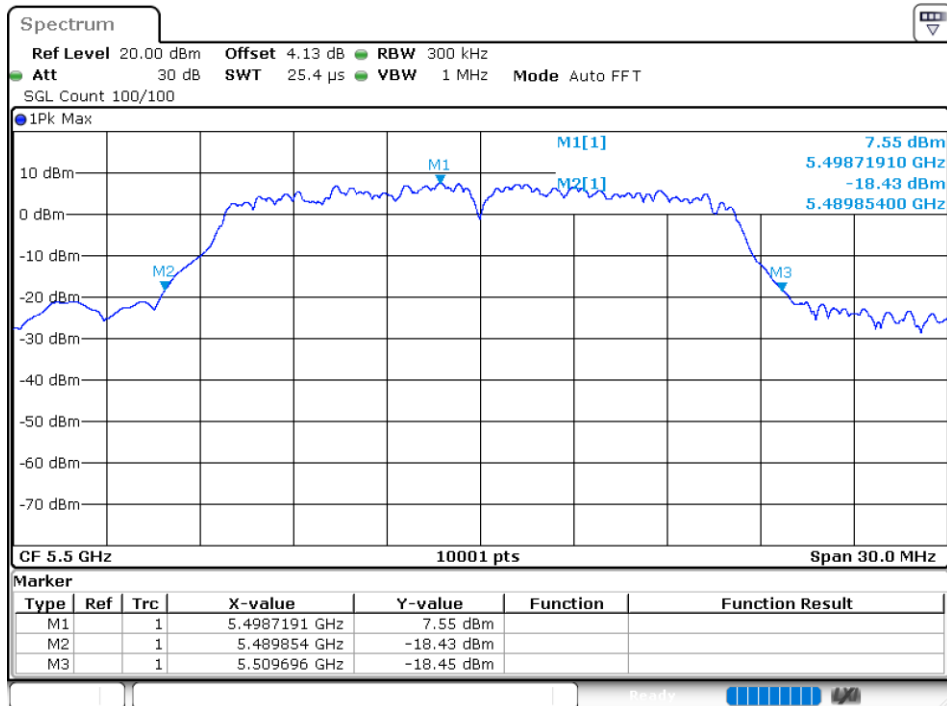
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | 15.78                 | 23.98       | Pass    |
| NVNT      | a    | 5600            | Ant1    | 16.33                 | 24          | Pass    |
| NVNT      | a    | 5700            | Ant1    | 15.84                 | 24          | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 15.75                 | 24          | Pass    |
| NVNT      | n20  | 5600            | Ant1    | 16.49                 | 24          | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 14.84                 | 24          | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 13.17                 | 24          | Pass    |
| NVNT      | n40  | 5590            | Ant1    | 15.64                 | 24          | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 15.78                 | 24          | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 15.65                 | 24          | Pass    |
| NVNT      | ac20 | 5600            | Ant1    | 16.54                 | 24          | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | 14.84                 | 24          | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | 15.83                 | 24          | Pass    |
| NVNT      | ac40 | 5590            | Ant1    | 16.37                 | 24          | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | 16.45                 | 24          | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | 13.66                 | 24          | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | 12.58                 | 24          | Pass    |

## -26dB Bandwidth

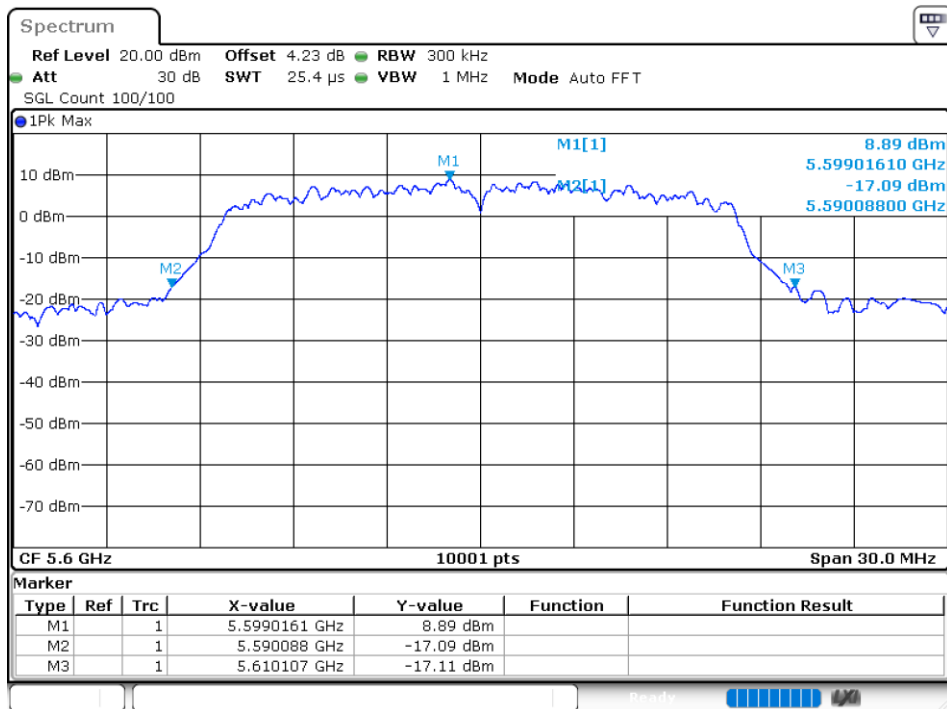
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|---------|
| NVNT      | a    | 5500            | Ant1    | 19.842                 | Pass    |
| NVNT      | a    | 5600            | Ant1    | 20.019                 | Pass    |
| NVNT      | a    | 5700            | Ant1    | 20.136                 | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 20.046                 | Pass    |
| NVNT      | n20  | 5600            | Ant1    | 20.808                 | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 20.217                 | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 40.932                 | Pass    |
| NVNT      | n40  | 5590            | Ant1    | 40.998                 | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 40.488                 | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 20.34                  | Pass    |
| NVNT      | ac20 | 5600            | Ant1    | 20.22                  | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | 20.133                 | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | 40.806                 | Pass    |
| NVNT      | ac40 | 5590            | Ant1    | 47.418                 | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | 40.878                 | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | 81.06                  | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | 81.192                 | Pass    |

## Test Graphs

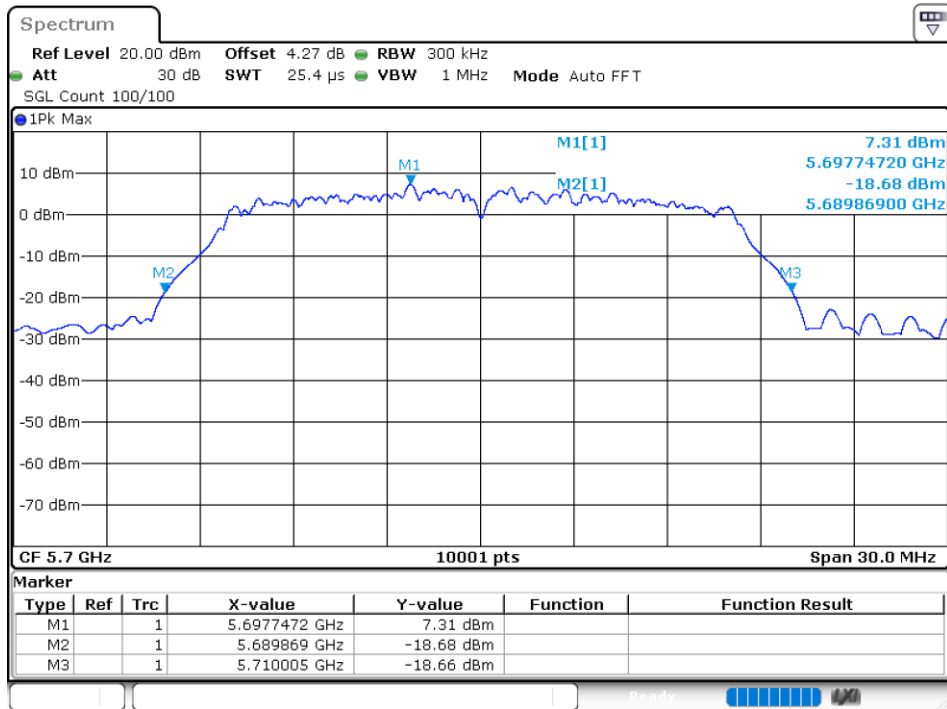
## -26dB Bandwidth NVNT a 5500MHz Ant1



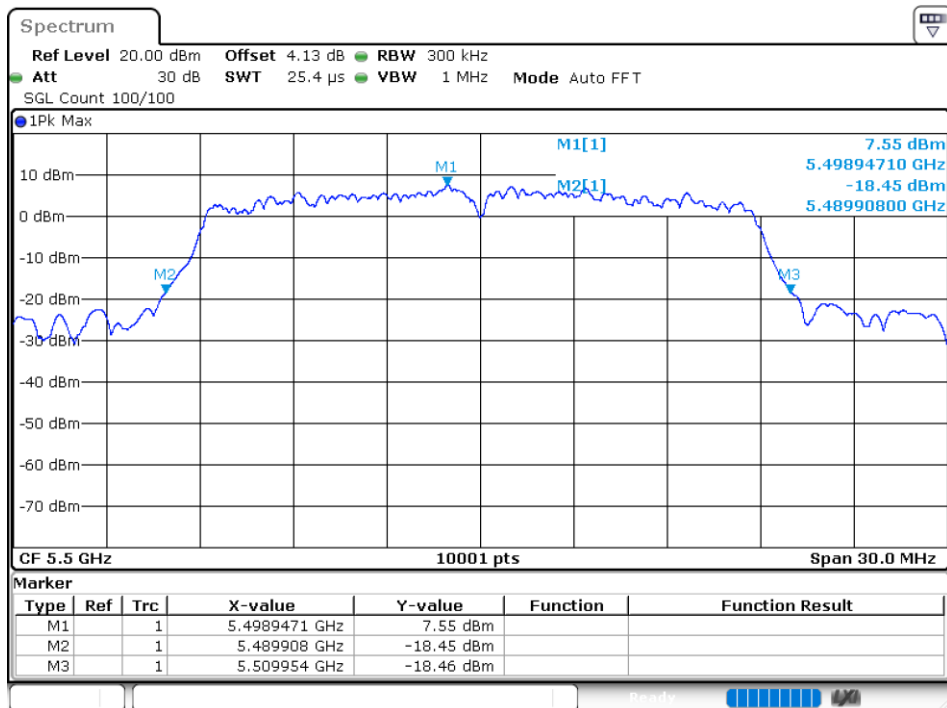
## -26dB Bandwidth NVNT a 5600MHz Ant1



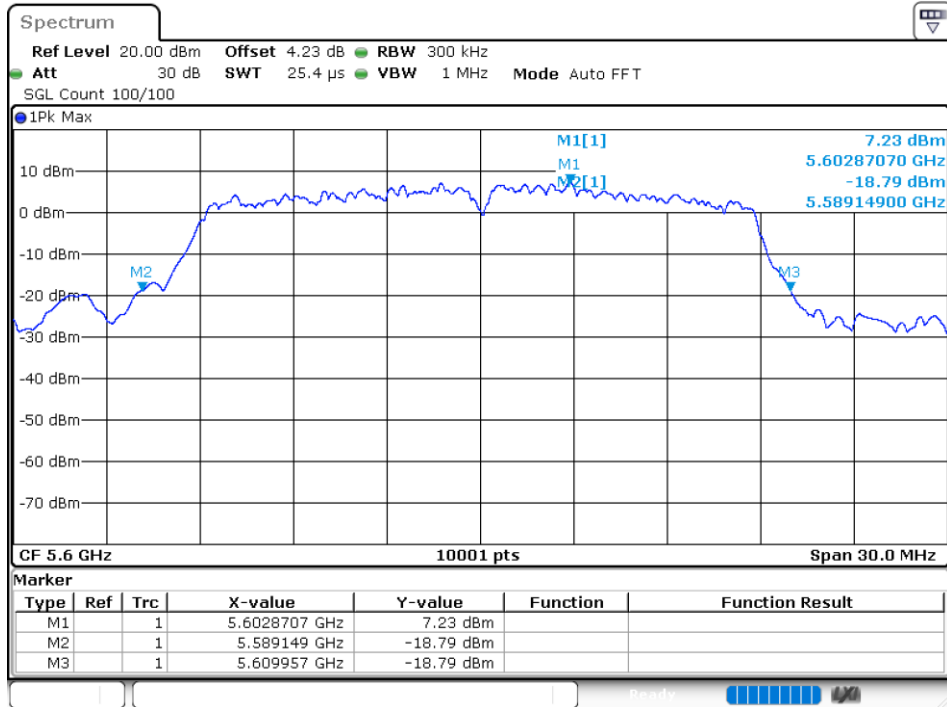
-26dB Bandwidth NVNT a 5700MHz Ant1



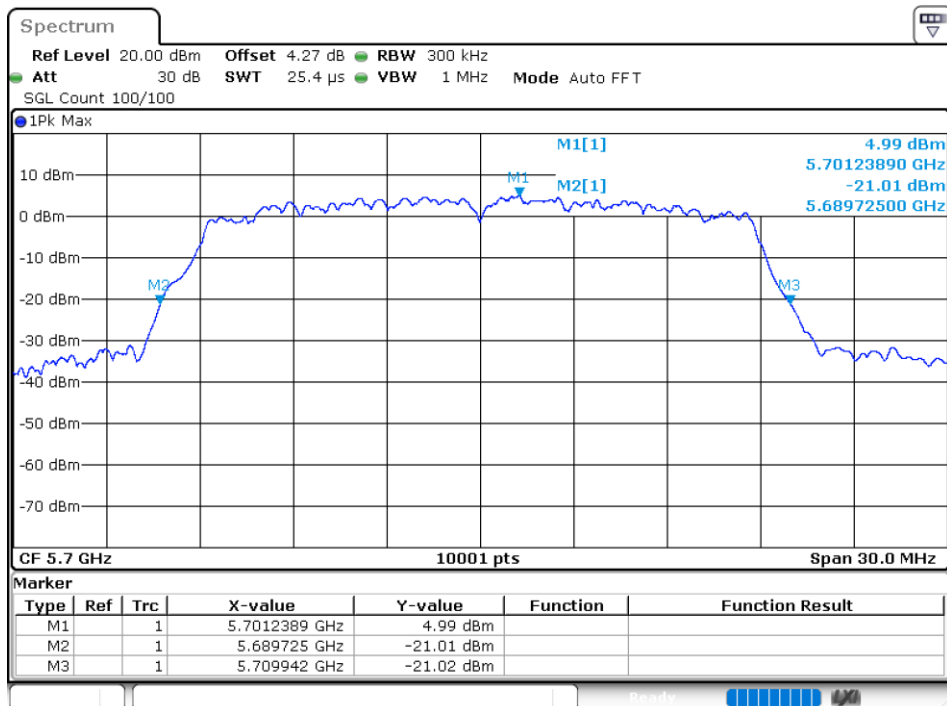
-26dB Bandwidth NVNT n20 5500MHz Ant1



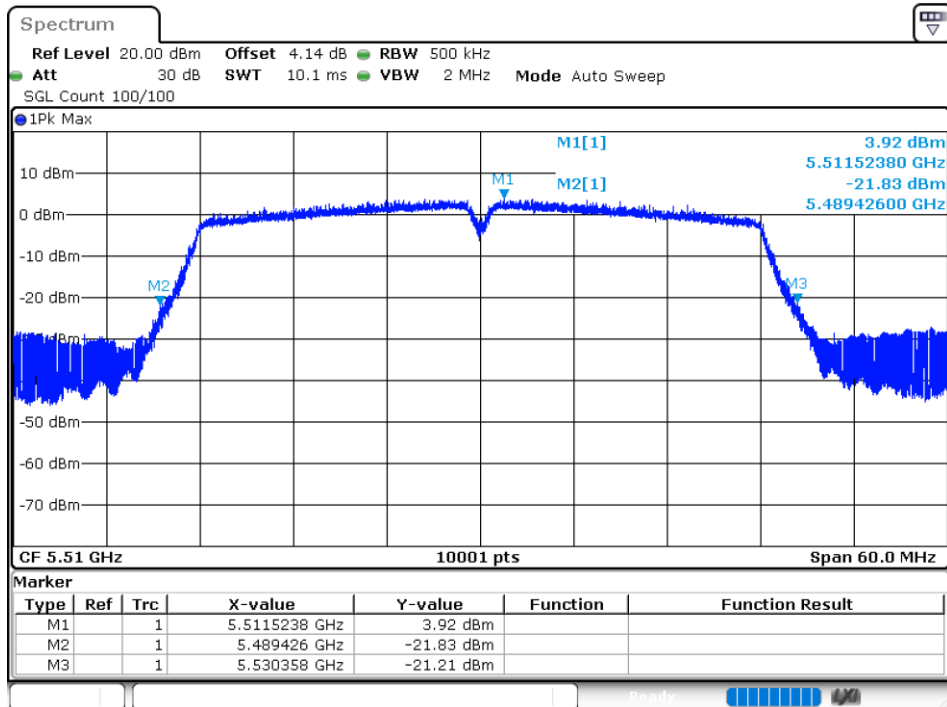
-26dB Bandwidth NVNT n20 5600MHz Ant1



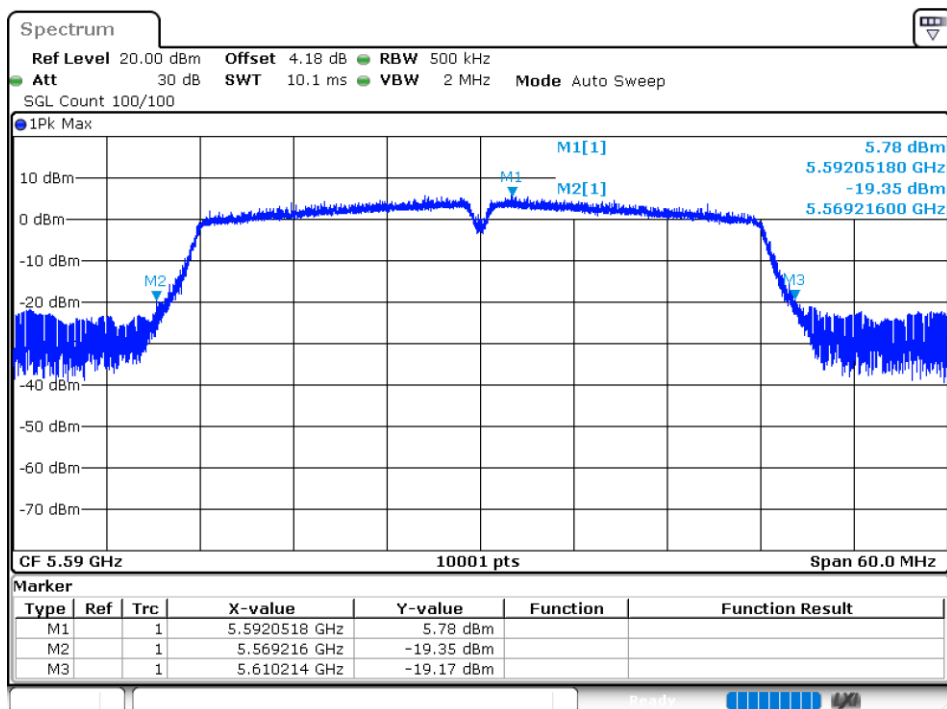
-26dB Bandwidth NVNT n20 5700MHz Ant1



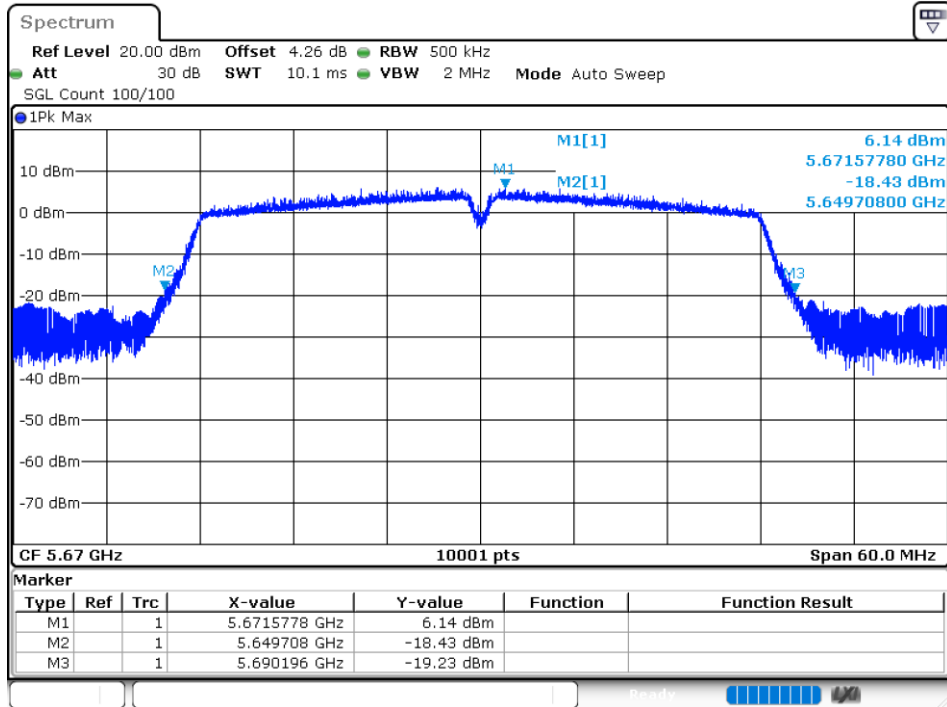
## -26dB Bandwidth NVNT n40 5510MHz Ant1



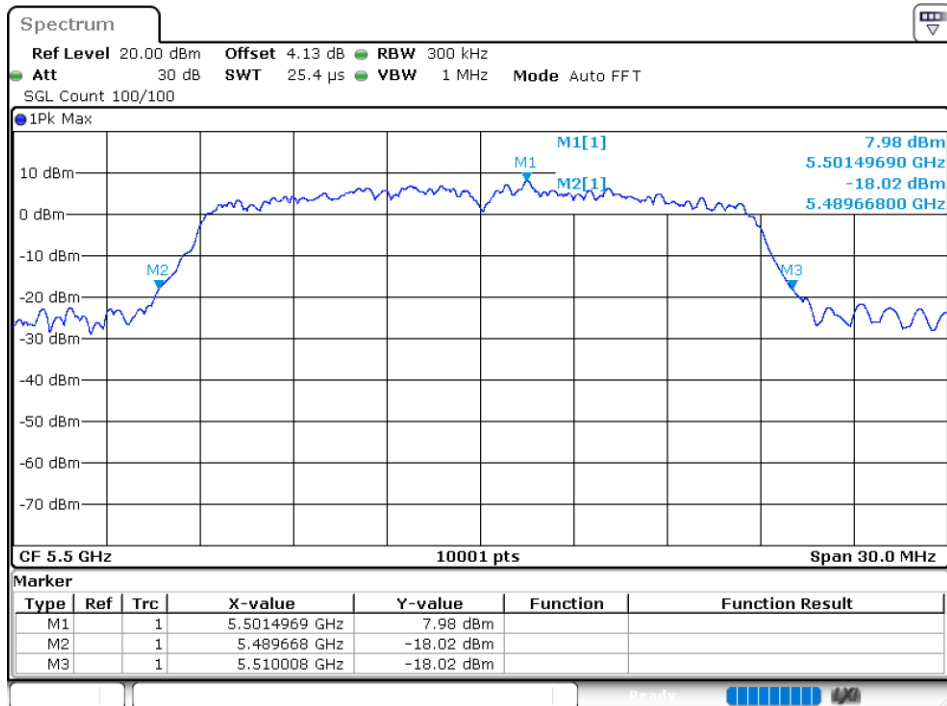
## -26dB Bandwidth NVNT n40 5590MHz Ant1



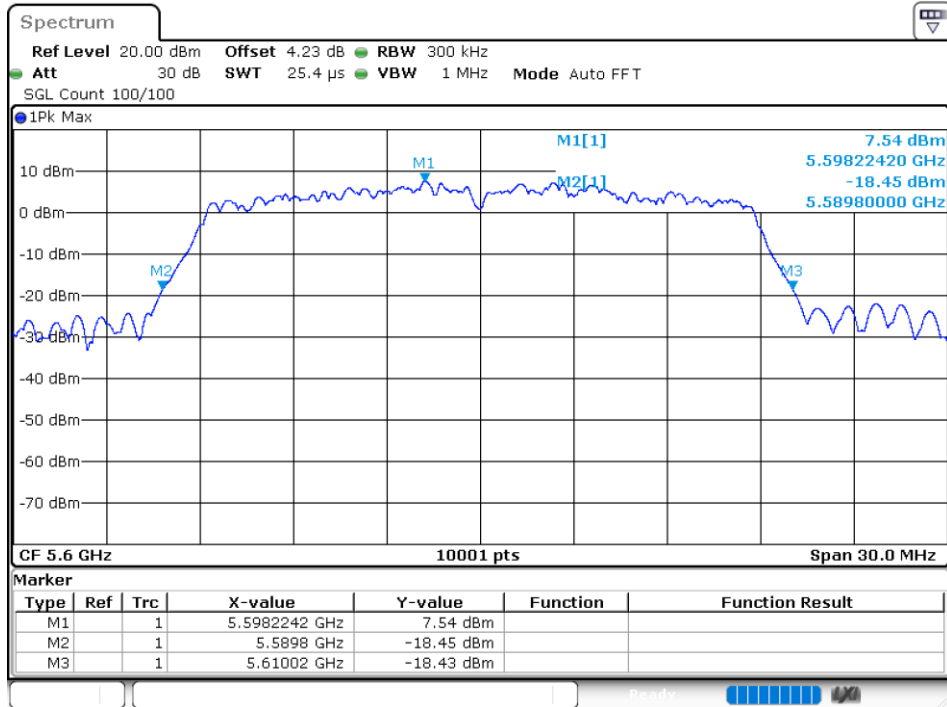
-26dB Bandwidth NVNT n40 5670MHz Ant1



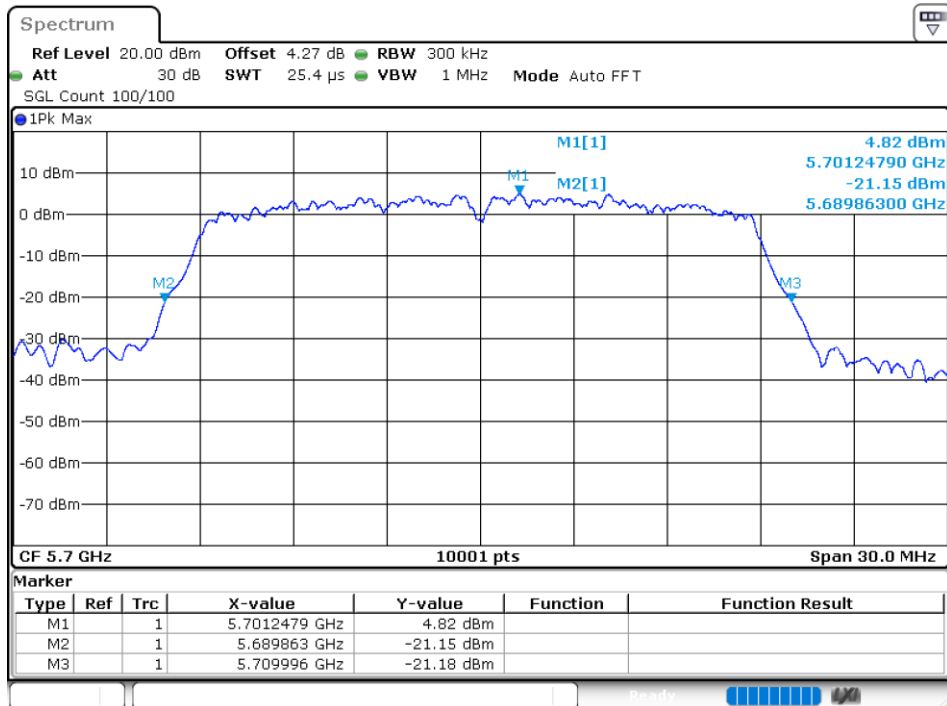
-26dB Bandwidth NVNT ac20 5500MHz Ant1



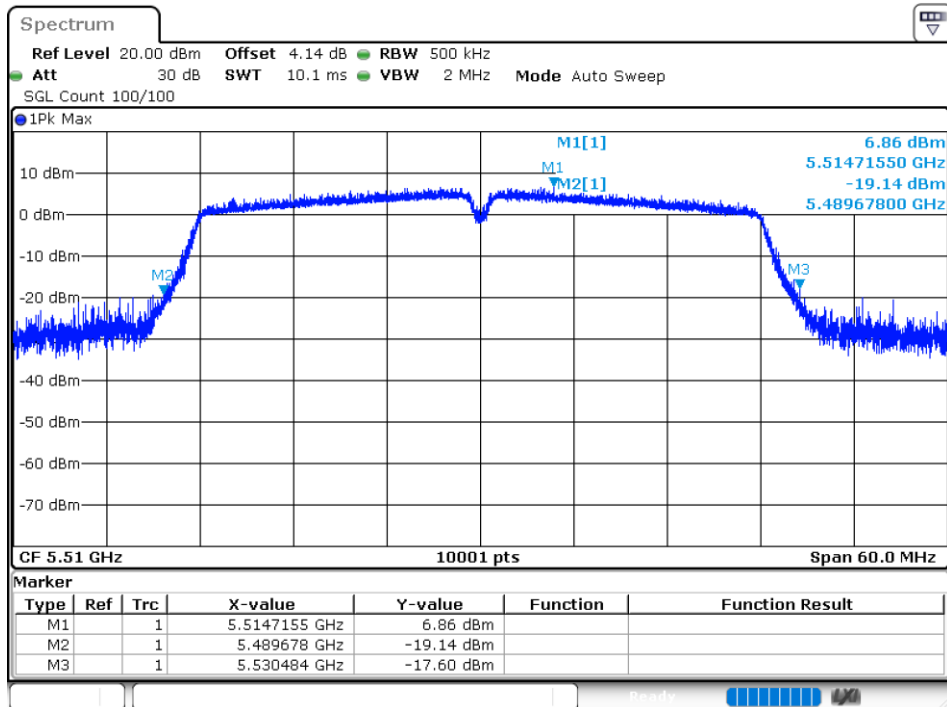
-26dB Bandwidth NVNT ac20 5600MHz Ant1



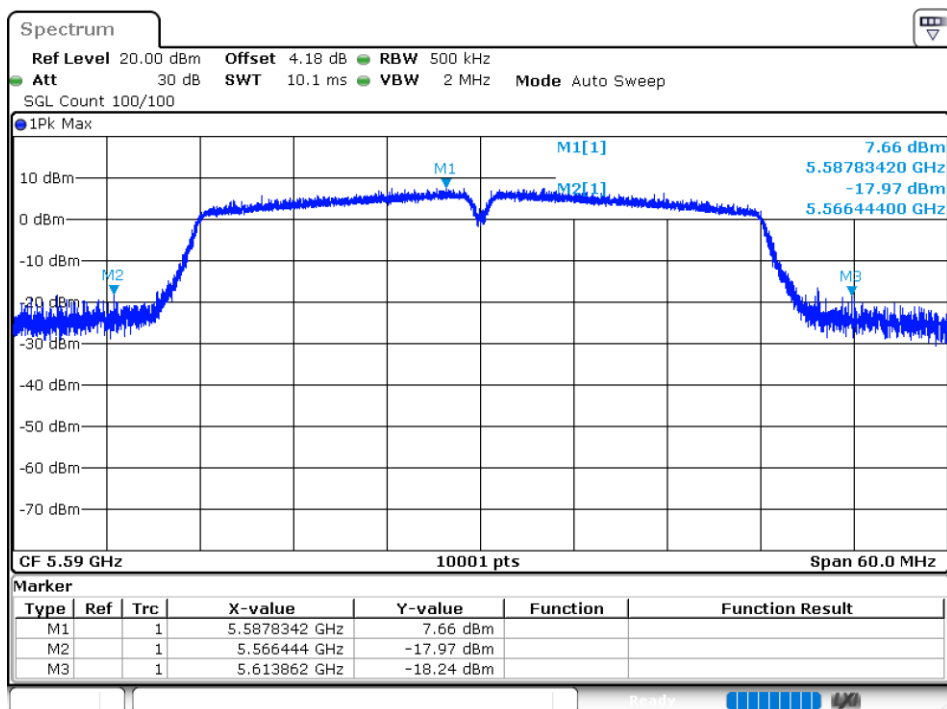
-26dB Bandwidth NVNT ac20 5700MHz Ant1



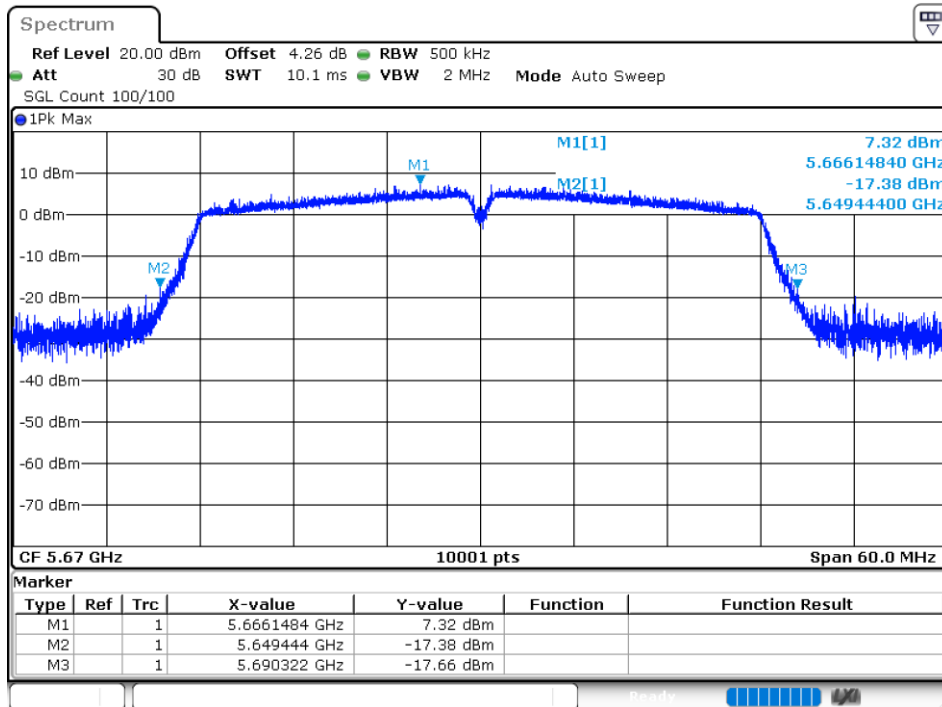
## -26dB Bandwidth NVNT ac40 5510MHz Ant1



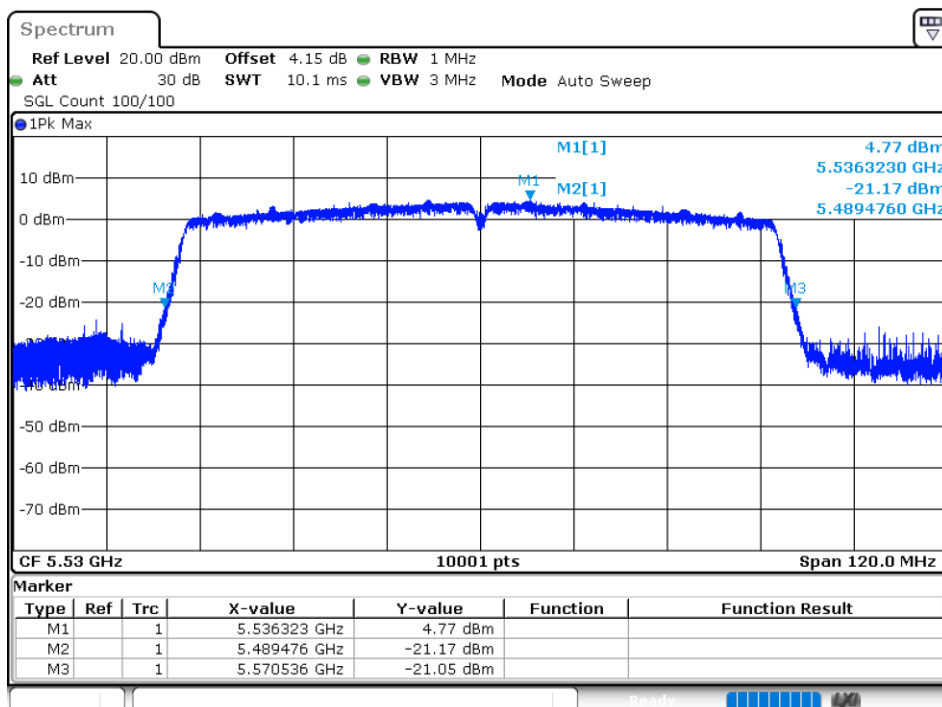
## -26dB Bandwidth NVNT ac40 5590MHz Ant1

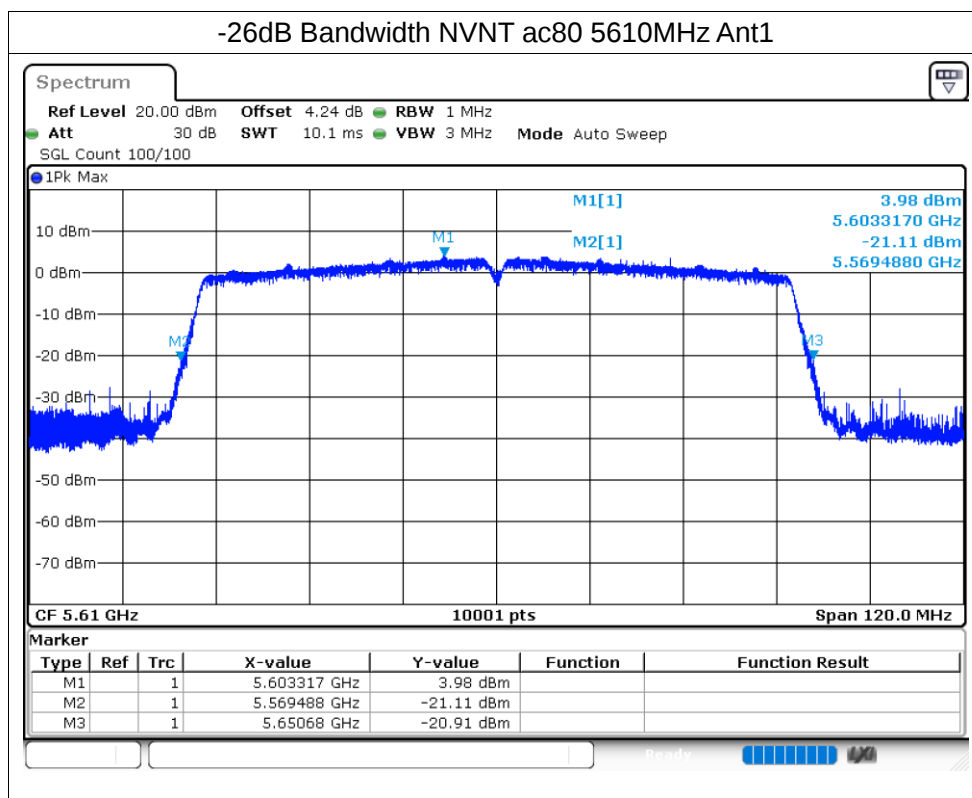


## -26dB Bandwidth NVNT ac40 5670MHz Ant1



## -26dB Bandwidth NVNT ac80 5530MHz Ant1



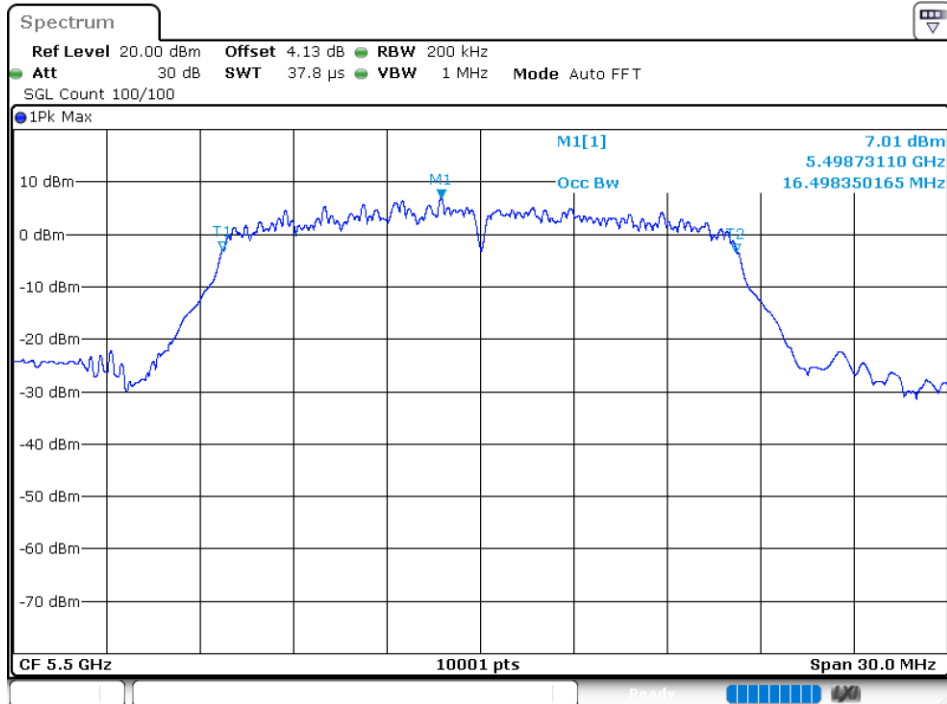


## Occupied Channel Bandwidth

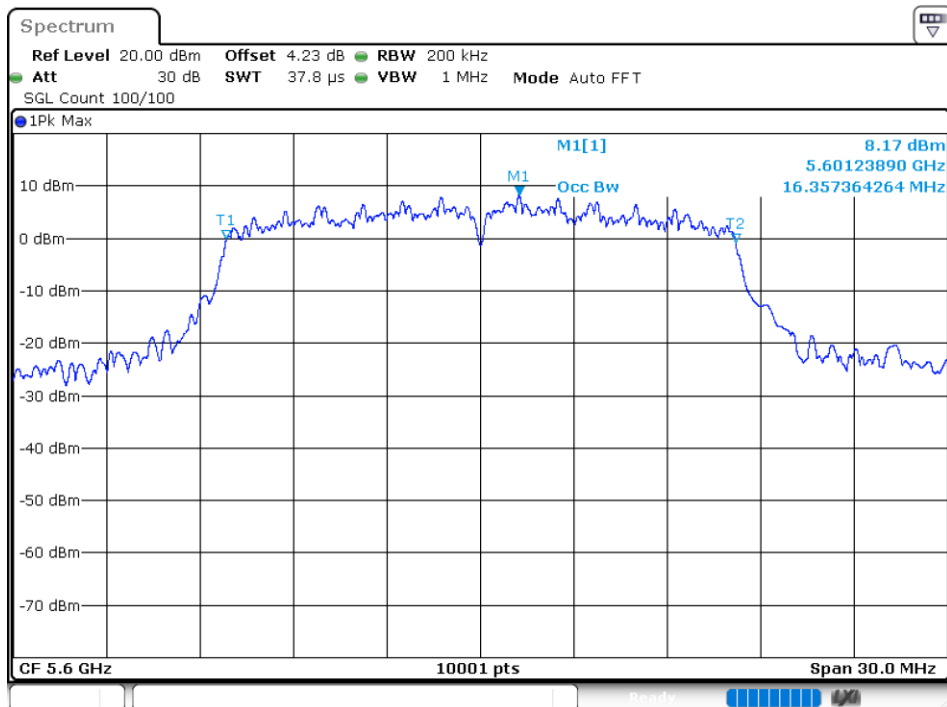
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5500            | Ant1    | 16.498        |
| NVNT      | a    | 5600            | Ant1    | 16.357        |
| NVNT      | a    | 5700            | Ant1    | 16.417        |
| NVNT      | n20  | 5500            | Ant1    | 17.644        |
| NVNT      | n20  | 5600            | Ant1    | 17.512        |
| NVNT      | n20  | 5700            | Ant1    | 17.518        |
| NVNT      | n40  | 5510            | Ant1    | 36.032        |
| NVNT      | n40  | 5590            | Ant1    | 36.05         |
| NVNT      | n40  | 5670            | Ant1    | 36.038        |
| NVNT      | ac20 | 5500            | Ant1    | 17.554        |
| NVNT      | ac20 | 5600            | Ant1    | 17.593        |
| NVNT      | ac20 | 5700            | Ant1    | 17.545        |
| NVNT      | ac40 | 5510            | Ant1    | 36.044        |
| NVNT      | ac40 | 5590            | Ant1    | 36.086        |
| NVNT      | ac40 | 5670            | Ant1    | 36.026        |
| NVNT      | ac80 | 5530            | Ant1    | 75.136        |
| NVNT      | ac80 | 5610            | Ant1    | 75.148        |

## Test Graphs

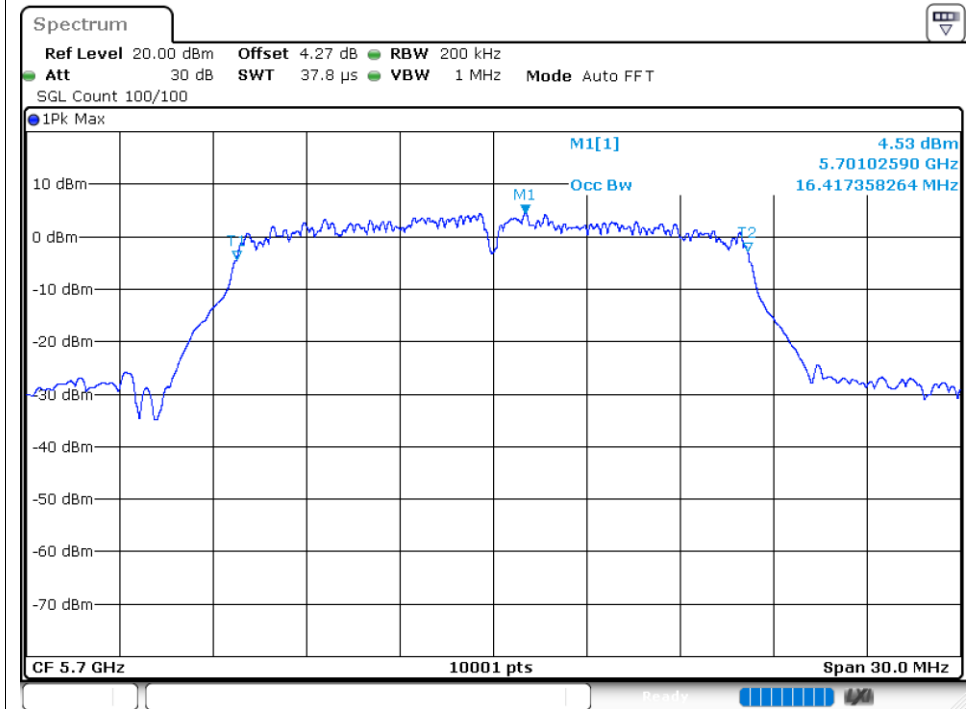
### OBW NVNT a 5500MHz Ant1



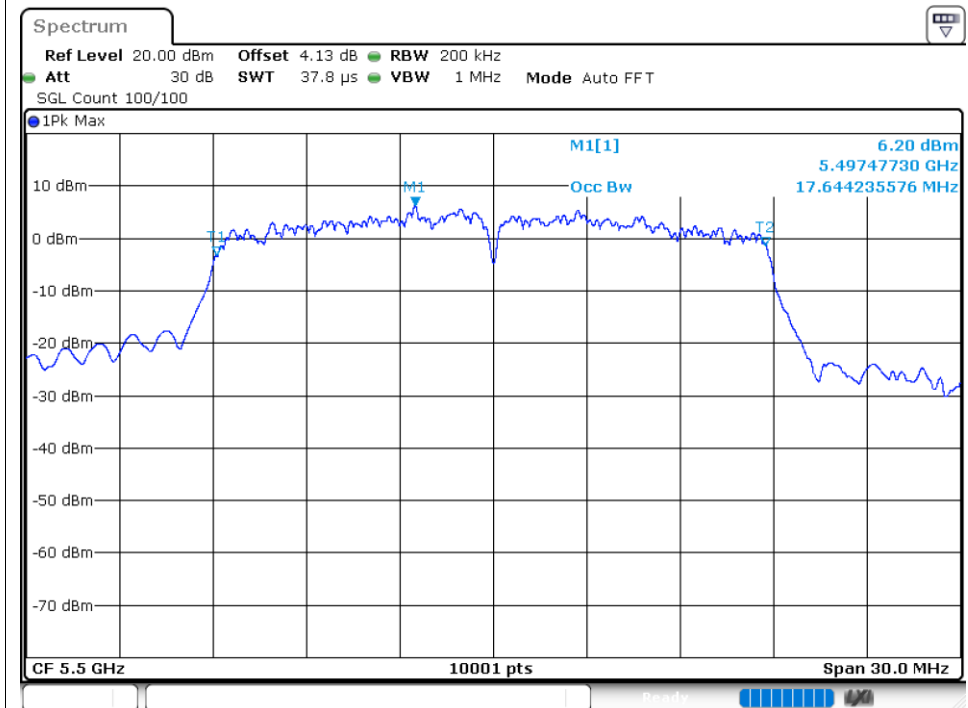
### OBW NVNT a 5600MHz Ant1



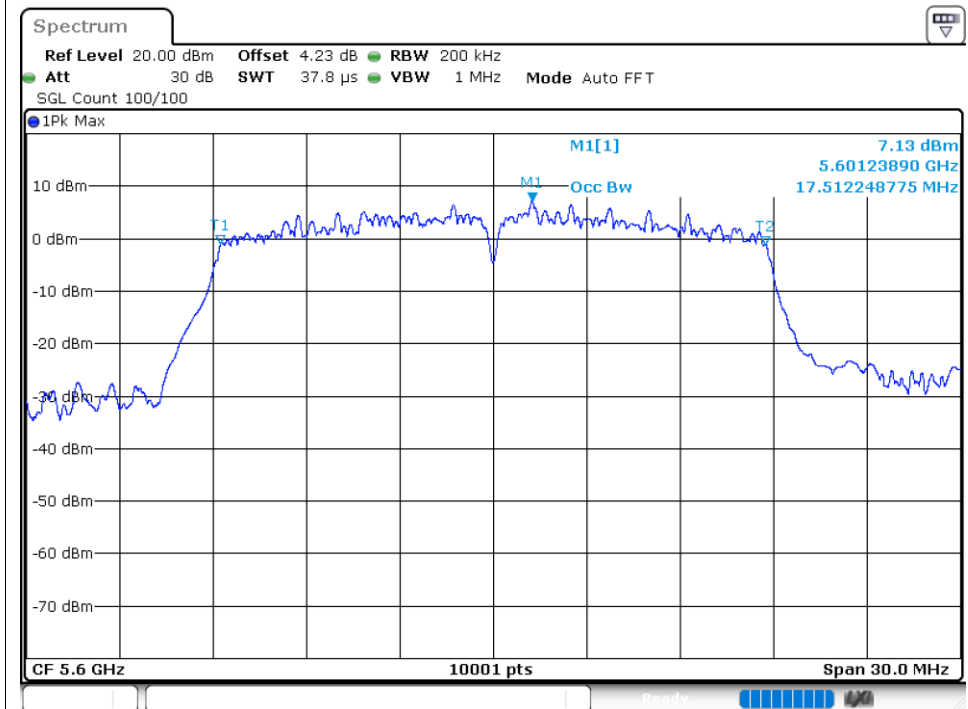
### OBW NVNT a 5700MHz Ant1



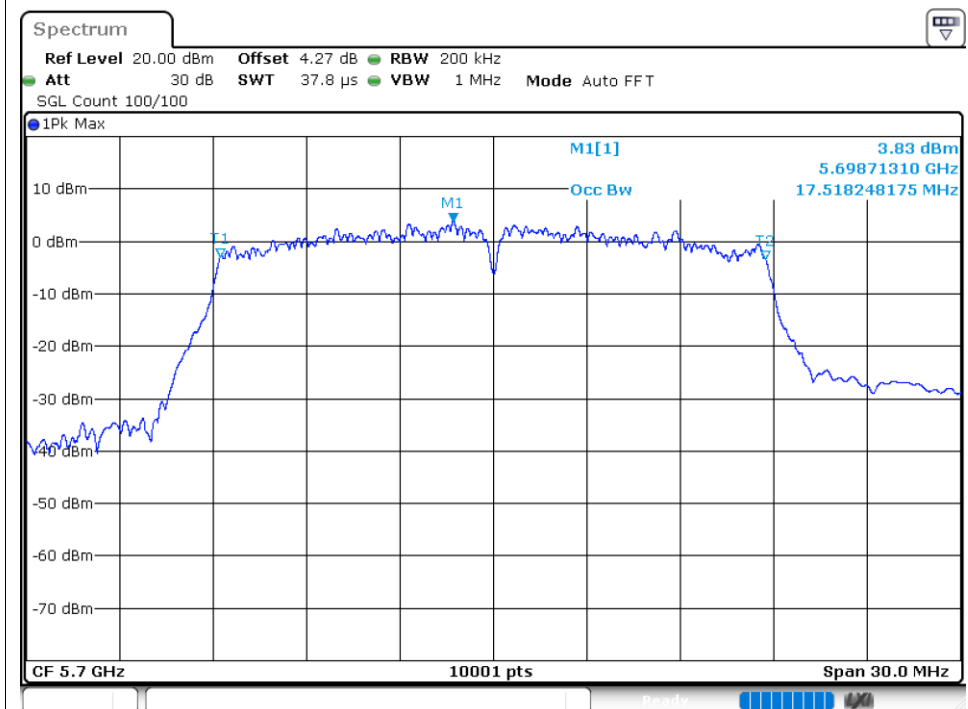
### OBW NVNT n20 5500MHz Ant1



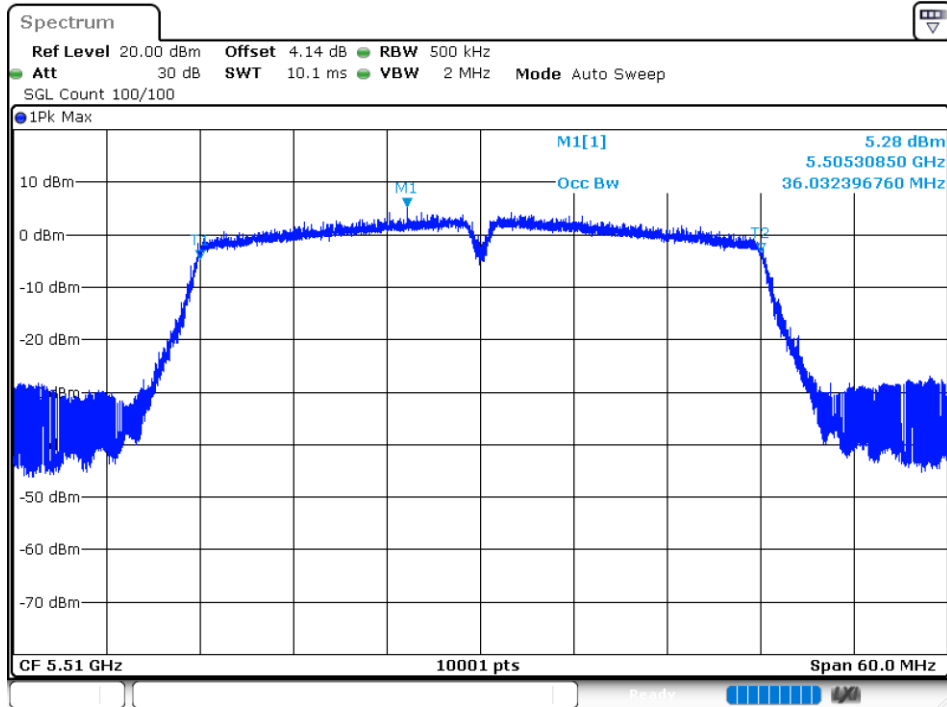
### OBW NVNT n20 5600MHz Ant1



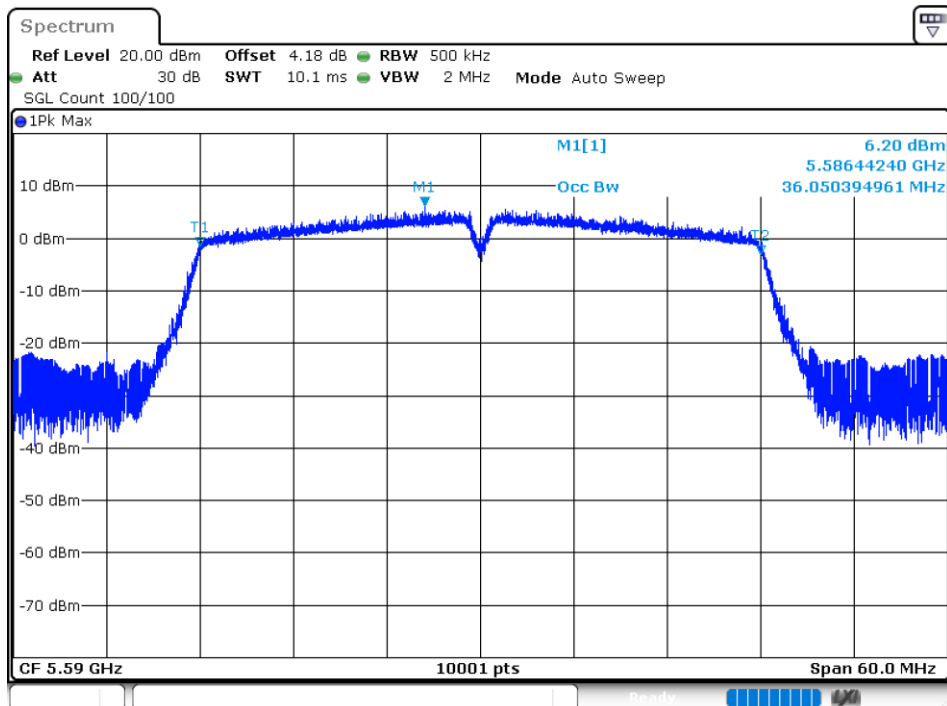
### OBW NVNT n20 5700MHz Ant1



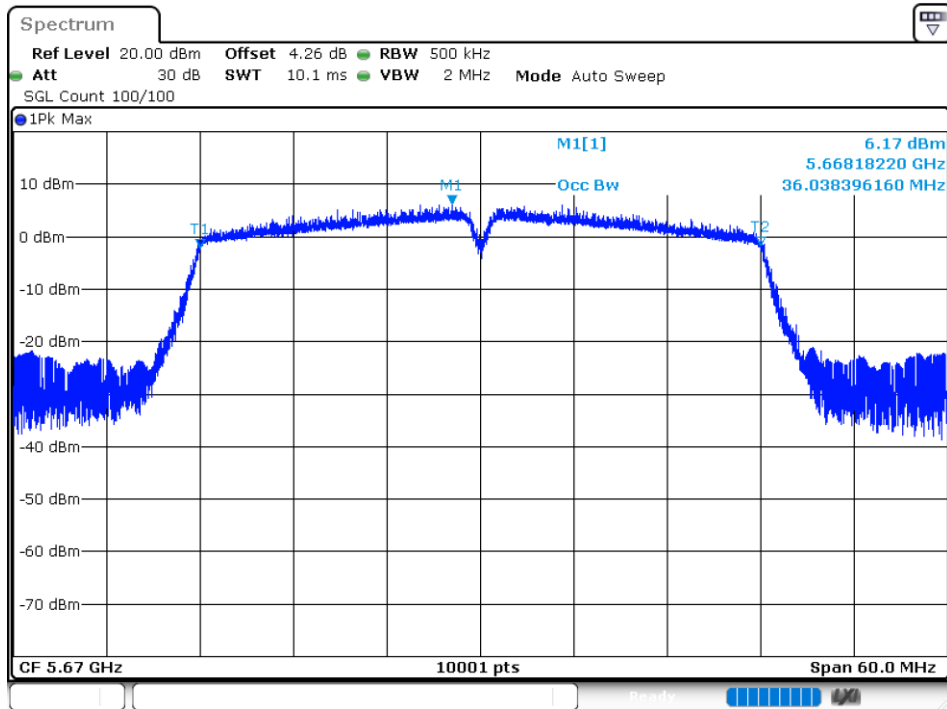
### OBW NVNT n40 5510MHz Ant1



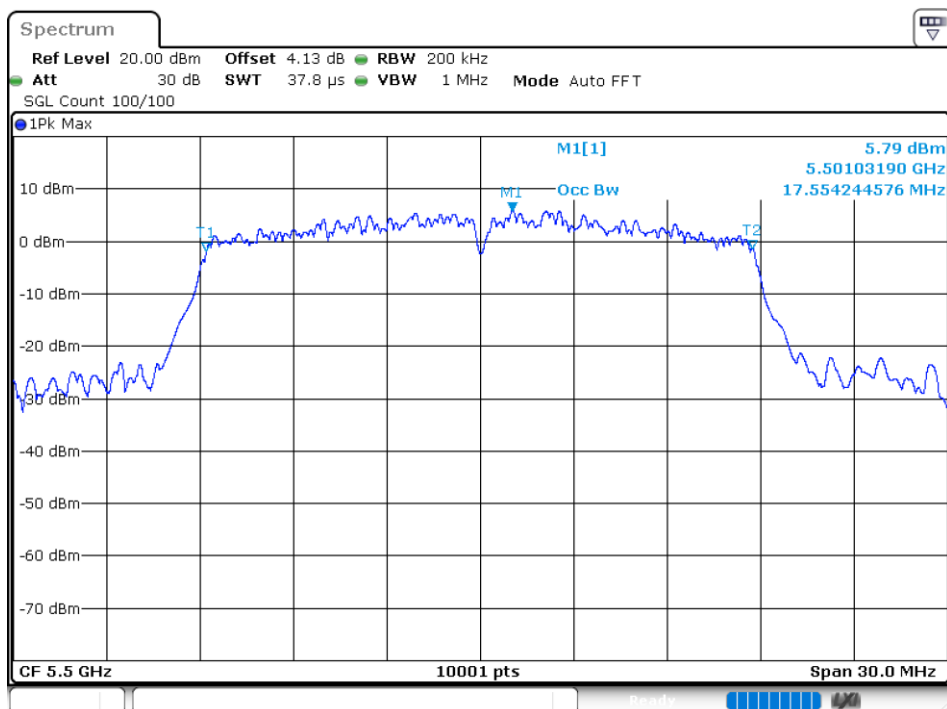
### OBW NVNT n40 5590MHz Ant1



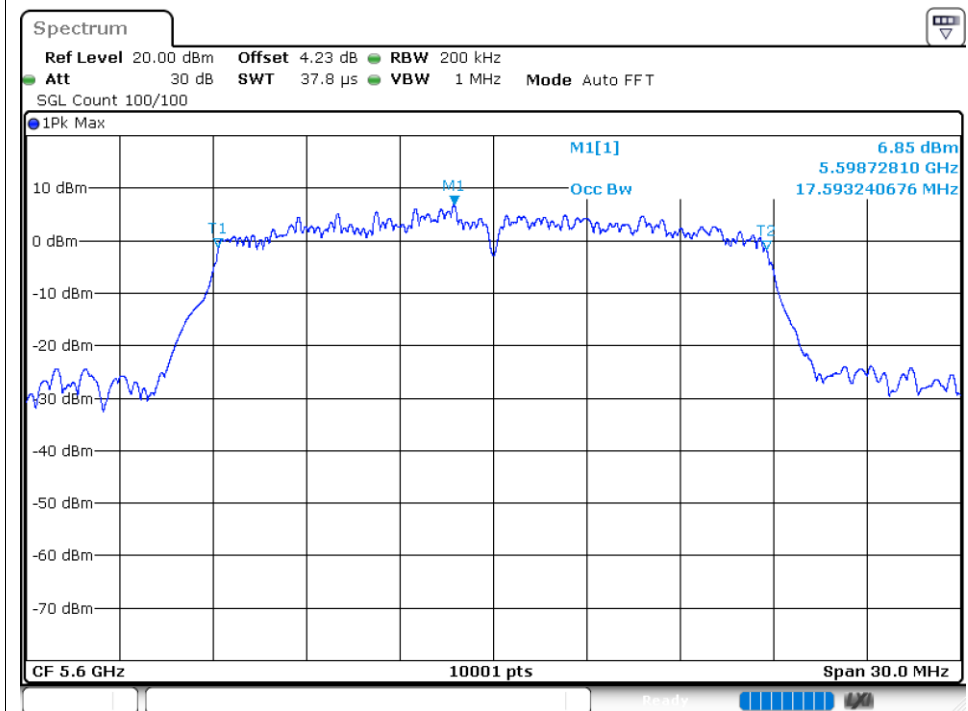
### OBW NVNT n40 5670MHz Ant1



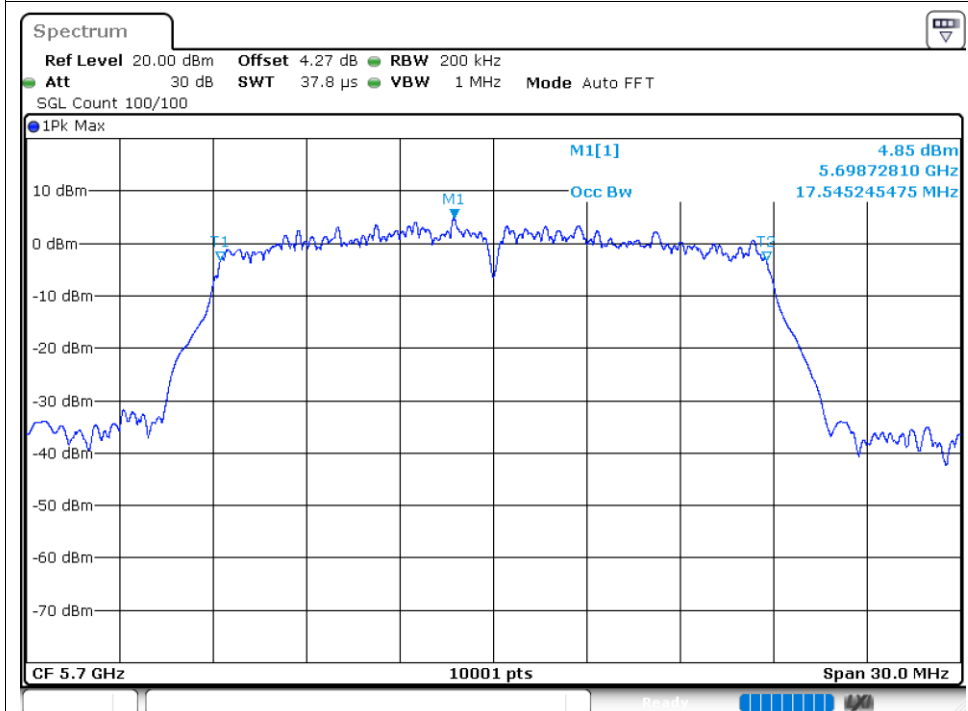
### OBW NVNT ac20 5500MHz Ant1



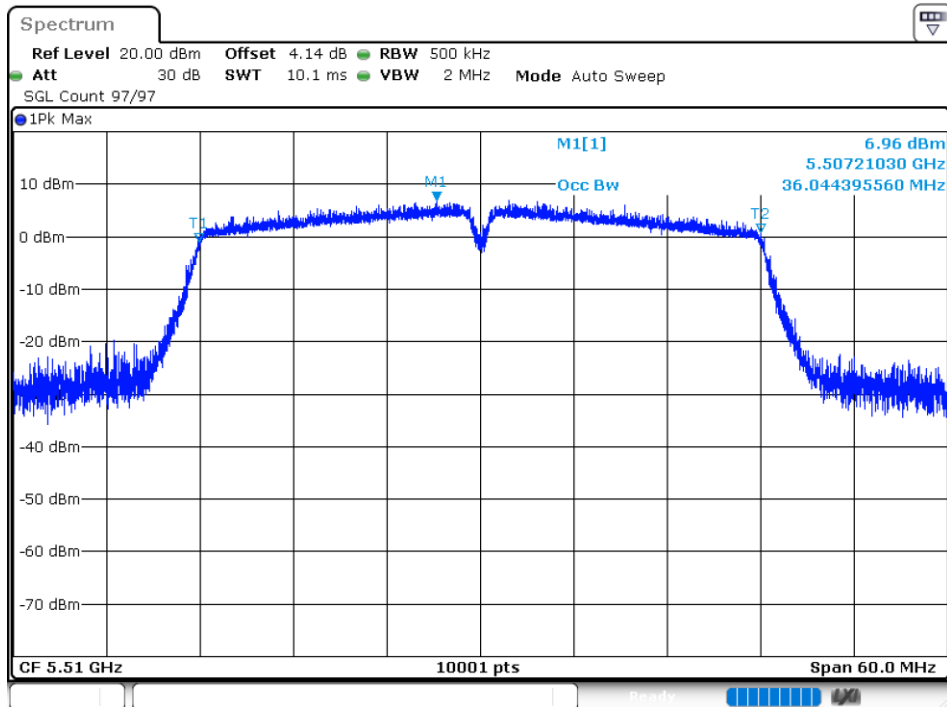
### OBW NVNT ac20 5600MHz Ant1



### OBW NVNT ac20 5700MHz Ant1



### OBW NVNT ac40 5510MHz Ant1



### OBW NVNT ac40 5590MHz Ant1

