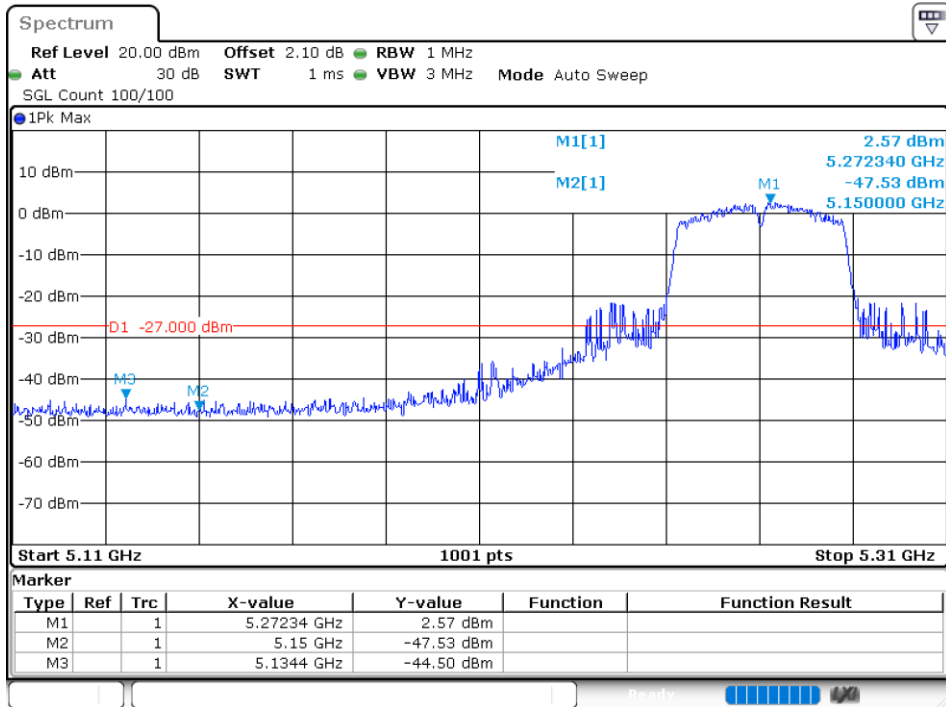
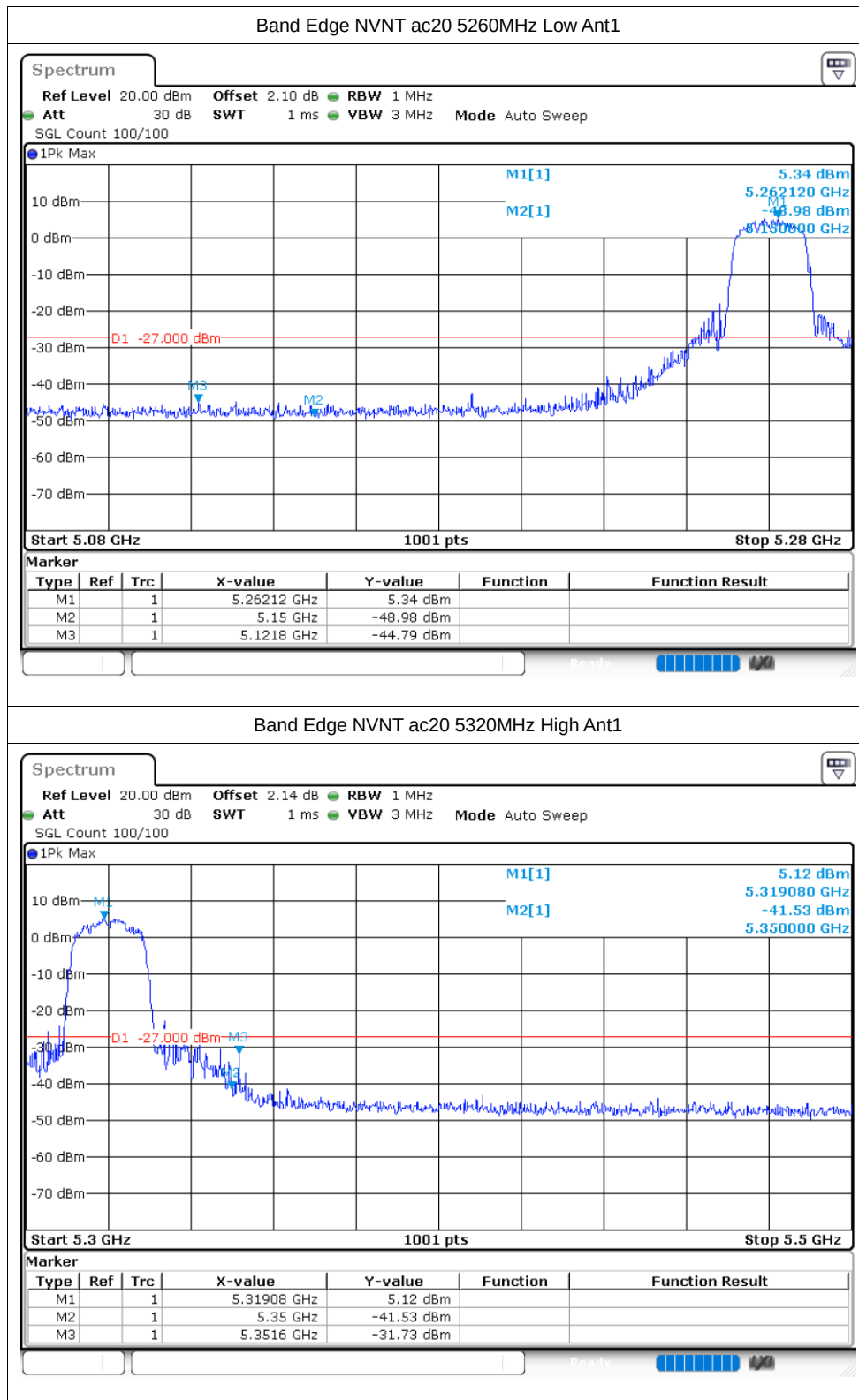


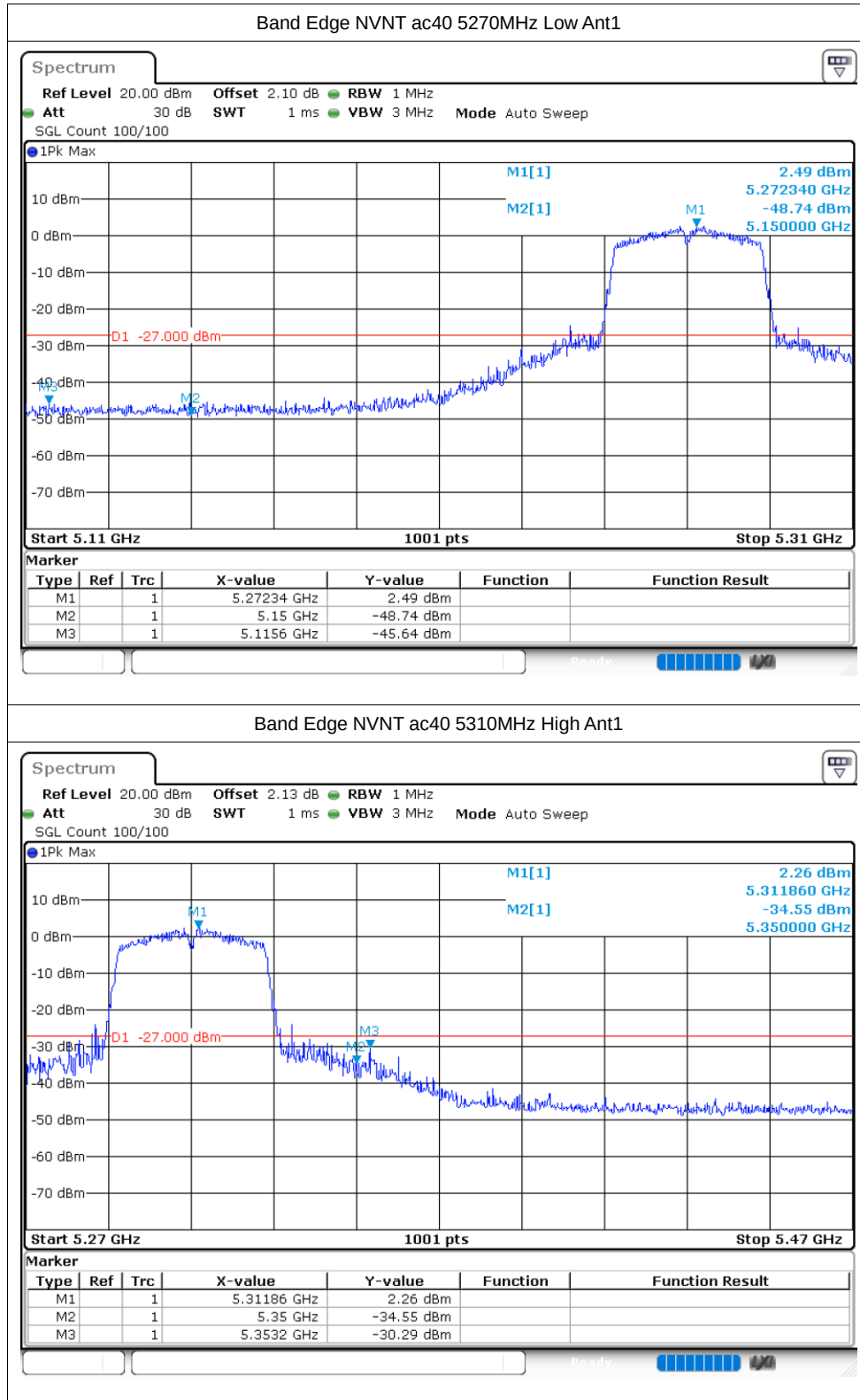
Band Edge NVNT n40 5270MHz Low Ant1



Band Edge NVNT n40 5310MHz High Ant1





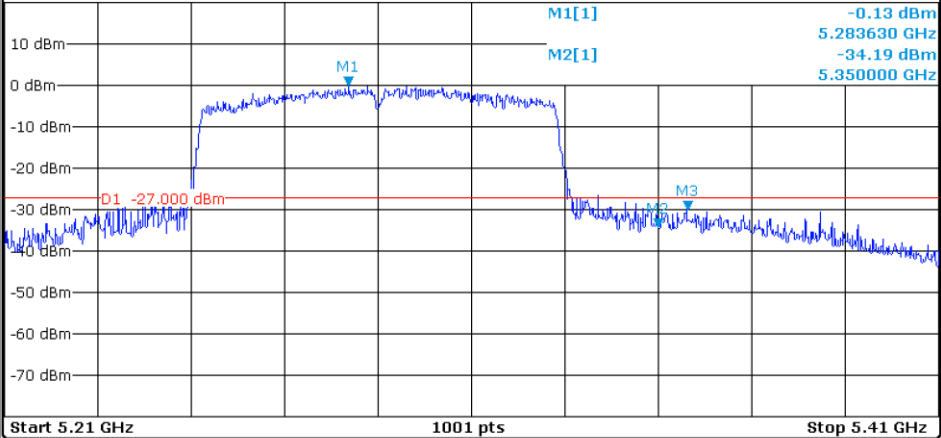


Band Edge NVNT ac80 5290MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 2.12 dB RBW 1 MHz  
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep  
SGL Count 100/100

1Pk Max



Marker

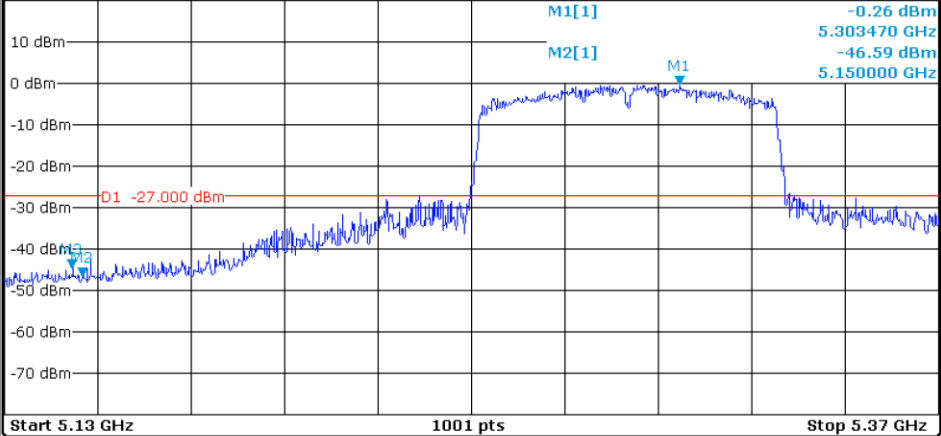
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 5.28363 GHz | -0.13 dBm  |          |                 |
| M2   |     | 1   | 5.35 GHz    | -34.19 dBm |          |                 |
| M3   |     | 1   | 5.3562 GHz  | -30.10 dBm |          |                 |

Band Edge NVNT ac80 5290MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 2.12 dB RBW 1 MHz  
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep  
SGL Count 100/100

1Pk Max



Marker

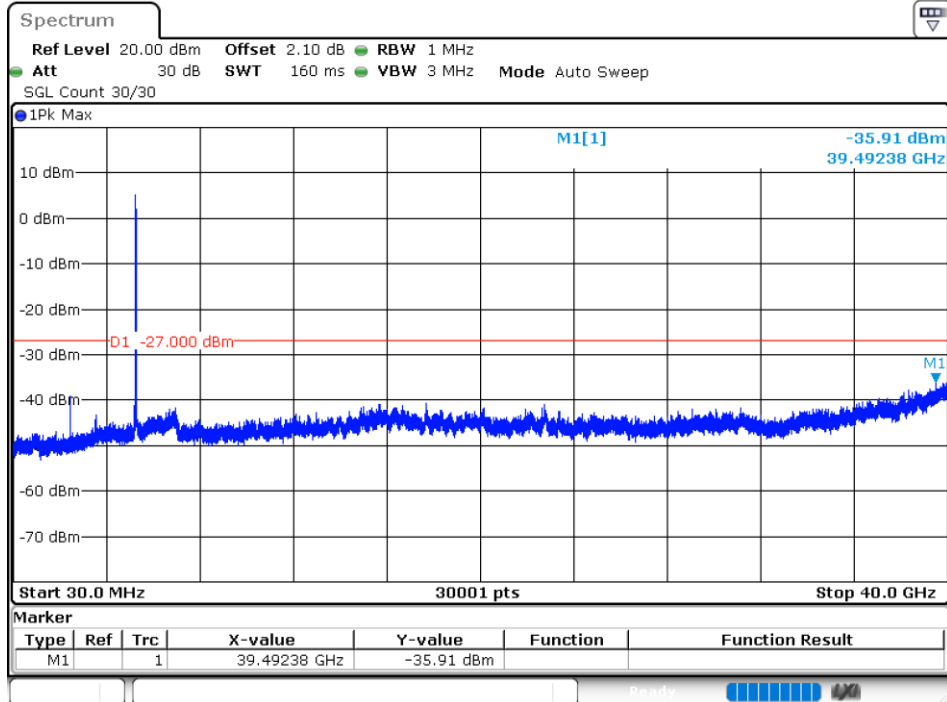
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 5.30347 GHz | -0.26 dBm  |          |                 |
| M2   |     | 1   | 5.15 GHz    | -46.59 dBm |          |                 |
| M3   |     | 1   | 5.14752 GHz | -44.69 dBm |          |                 |

## Conducted RF Spurious Emission

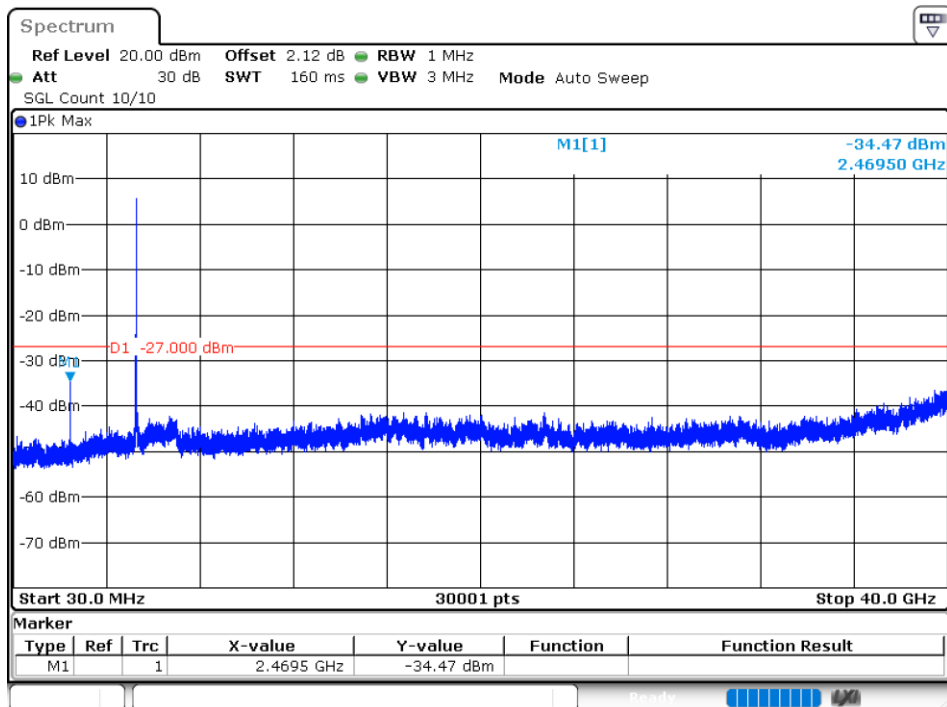
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5260            | Ant1    | -35.91          | -27         | Pass    |
| NVNT      | a    | 5280            | Ant1    | -34.47          | -27         | Pass    |
| NVNT      | a    | 5320            | Ant1    | -36.2           | -27         | Pass    |
| NVNT      | n20  | 5260            | Ant1    | -36.52          | -27         | Pass    |
| NVNT      | n20  | 5280            | Ant1    | -35.23          | -27         | Pass    |
| NVNT      | n20  | 5320            | Ant1    | -36.78          | -27         | Pass    |
| NVNT      | n40  | 5270            | Ant1    | -36.83          | -27         | Pass    |
| NVNT      | n40  | 5310            | Ant1    | -36.36          | -27         | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | -36.22          | -27         | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | -35.6           | -27         | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | -36.12          | -27         | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | -35.98          | -27         | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | -36.09          | -27         | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | -35.79          | -27         | Pass    |

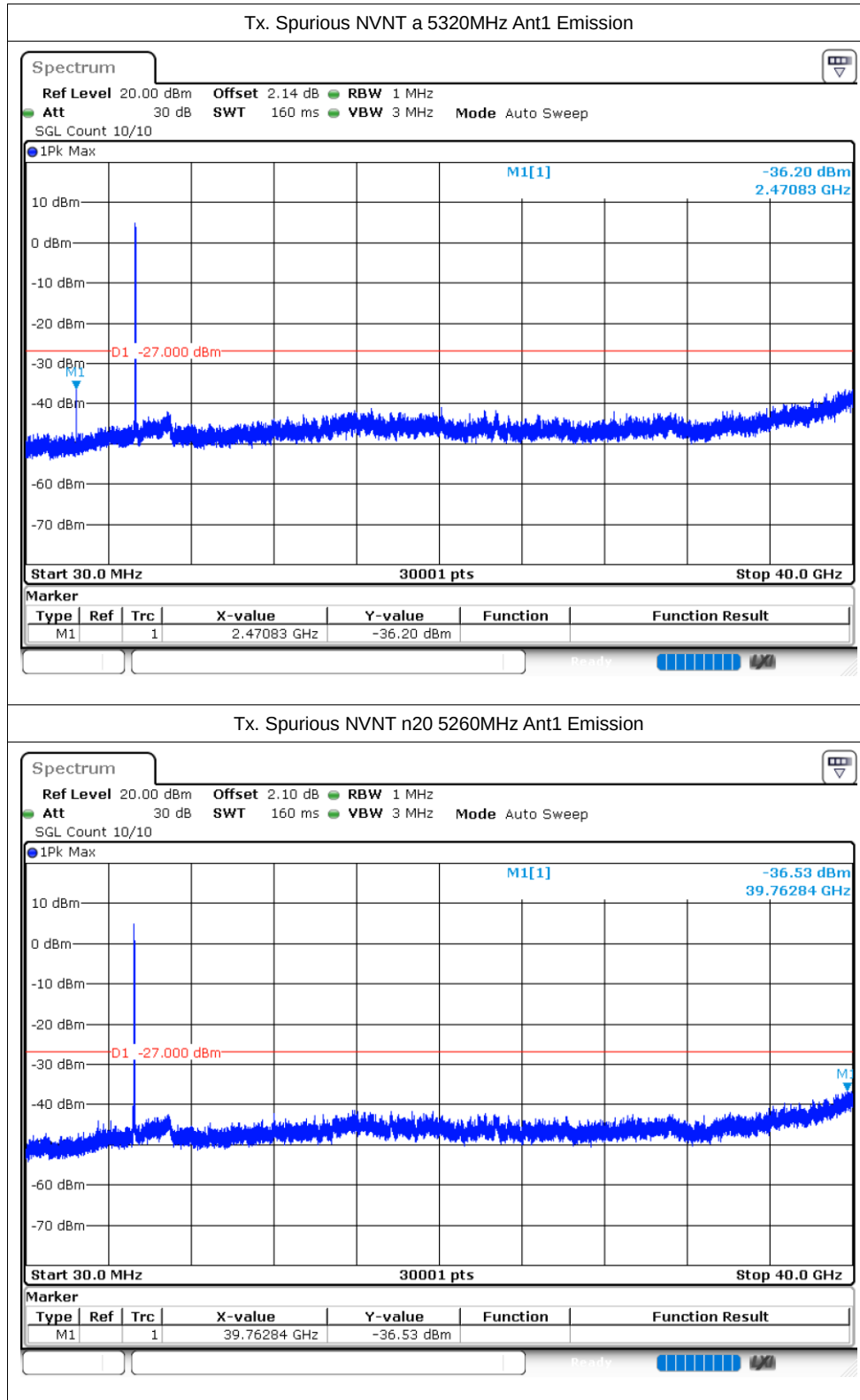
Test Graphs

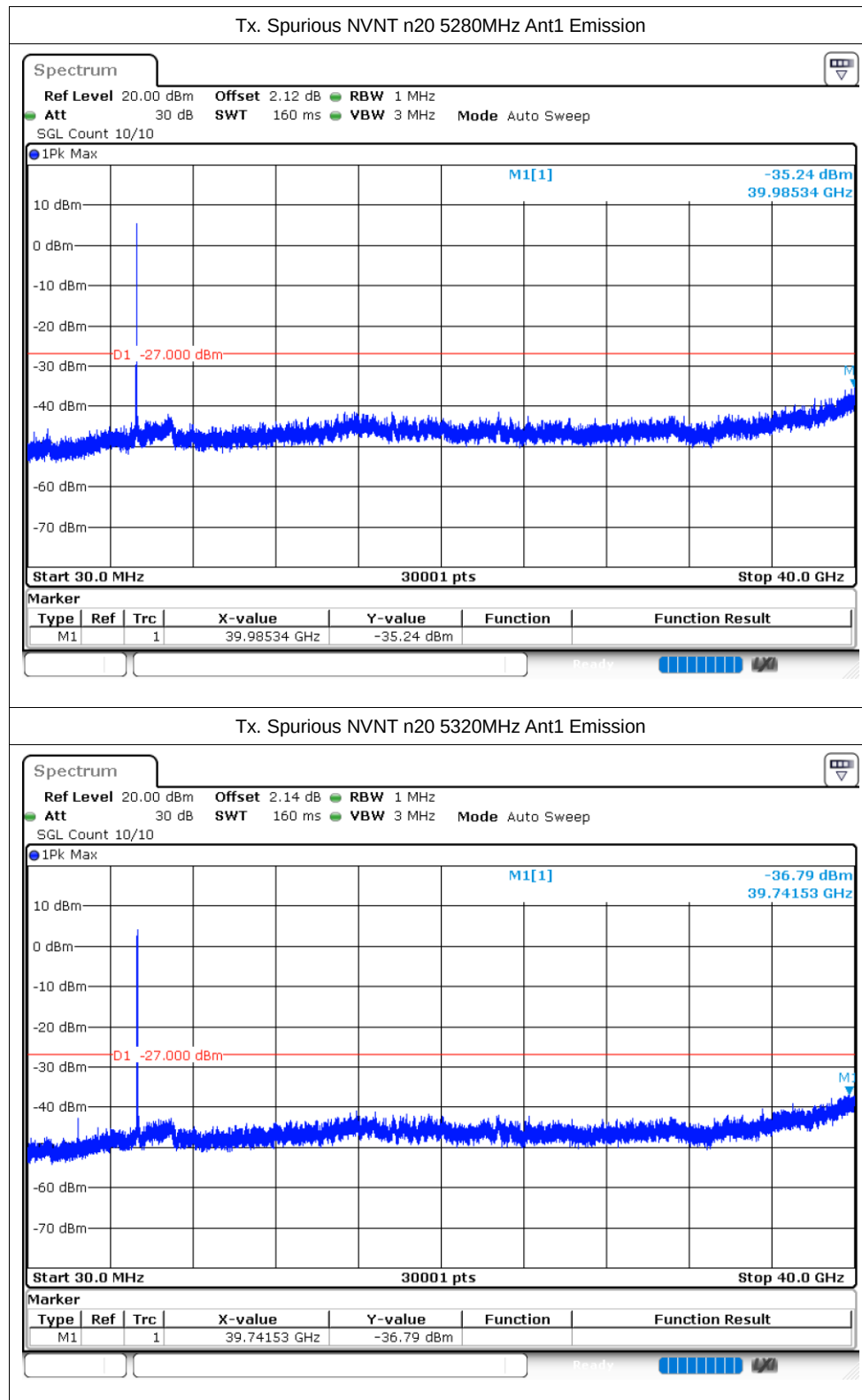
Tx. Spurious NVNT a 5260MHz Ant1 Emission

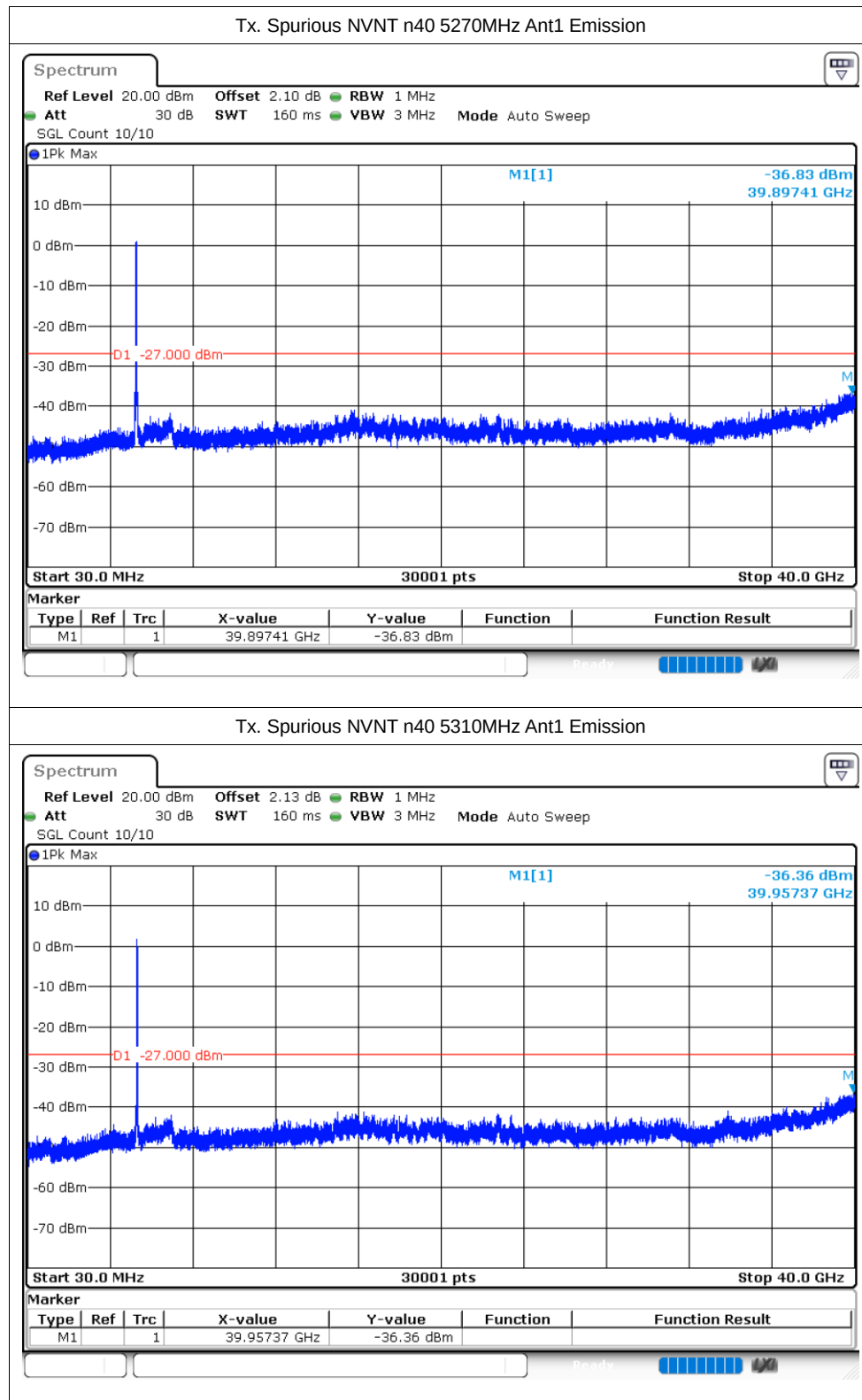


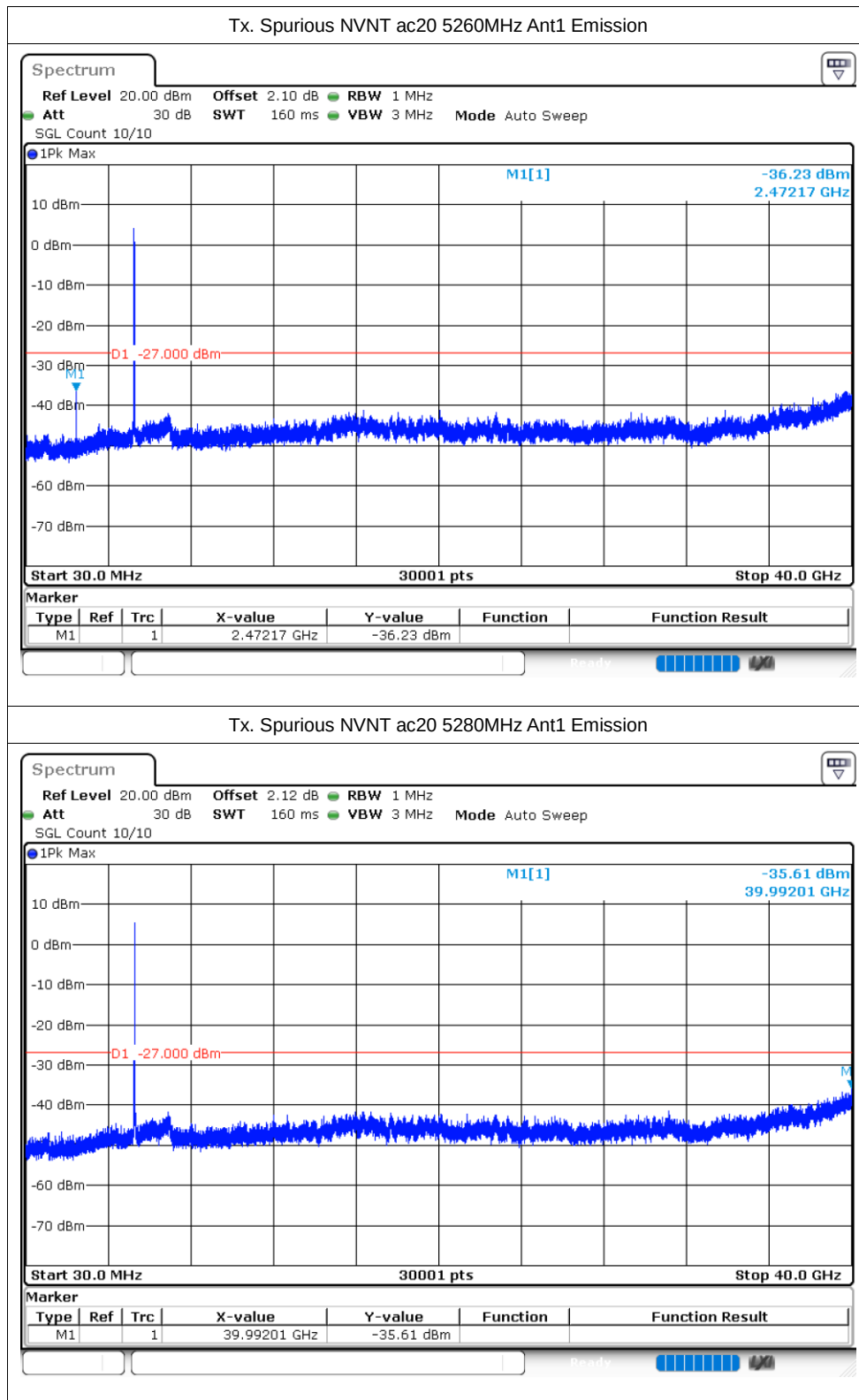
Tx. Spurious NVNT a 5280MHz Ant1 Emission

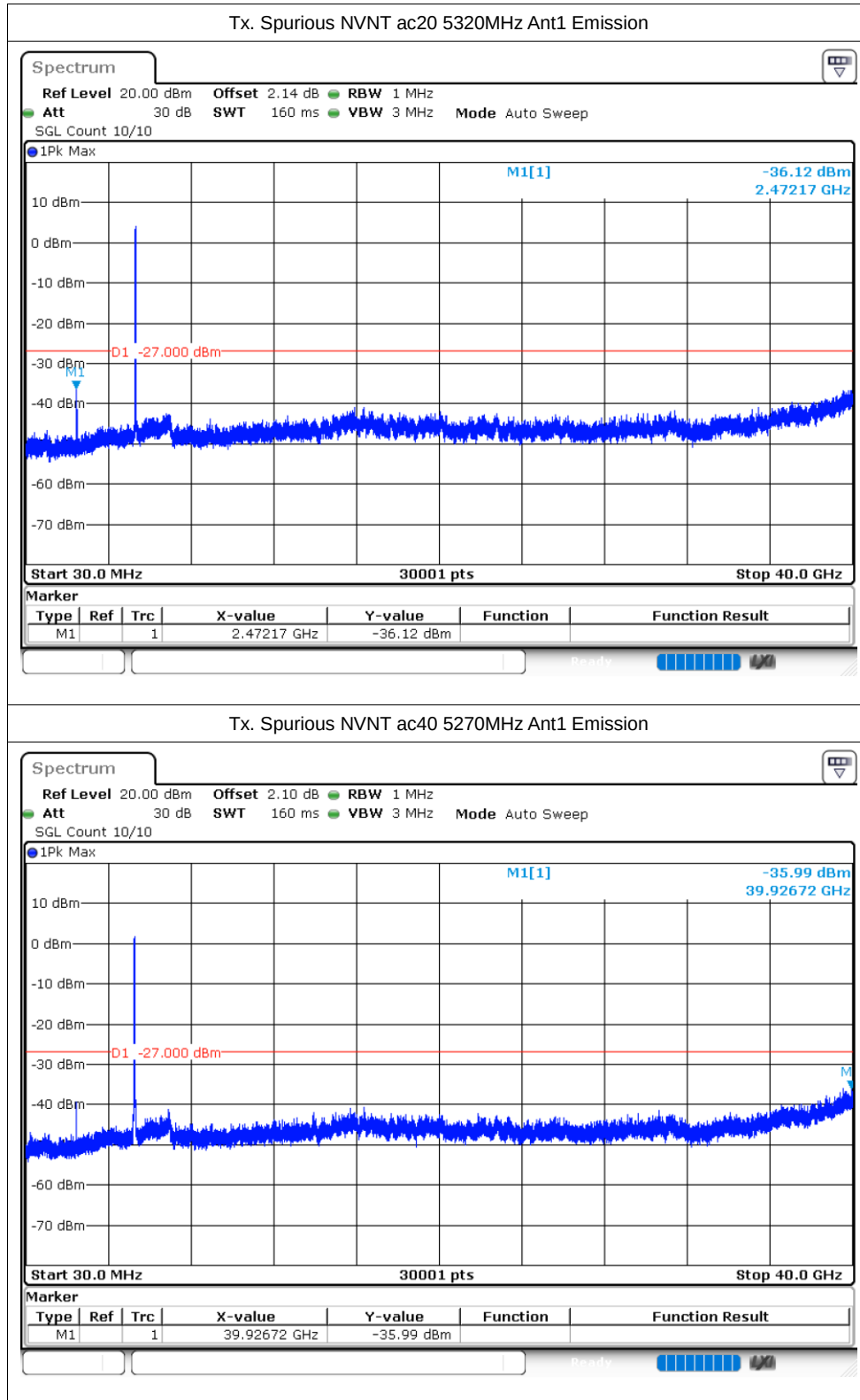


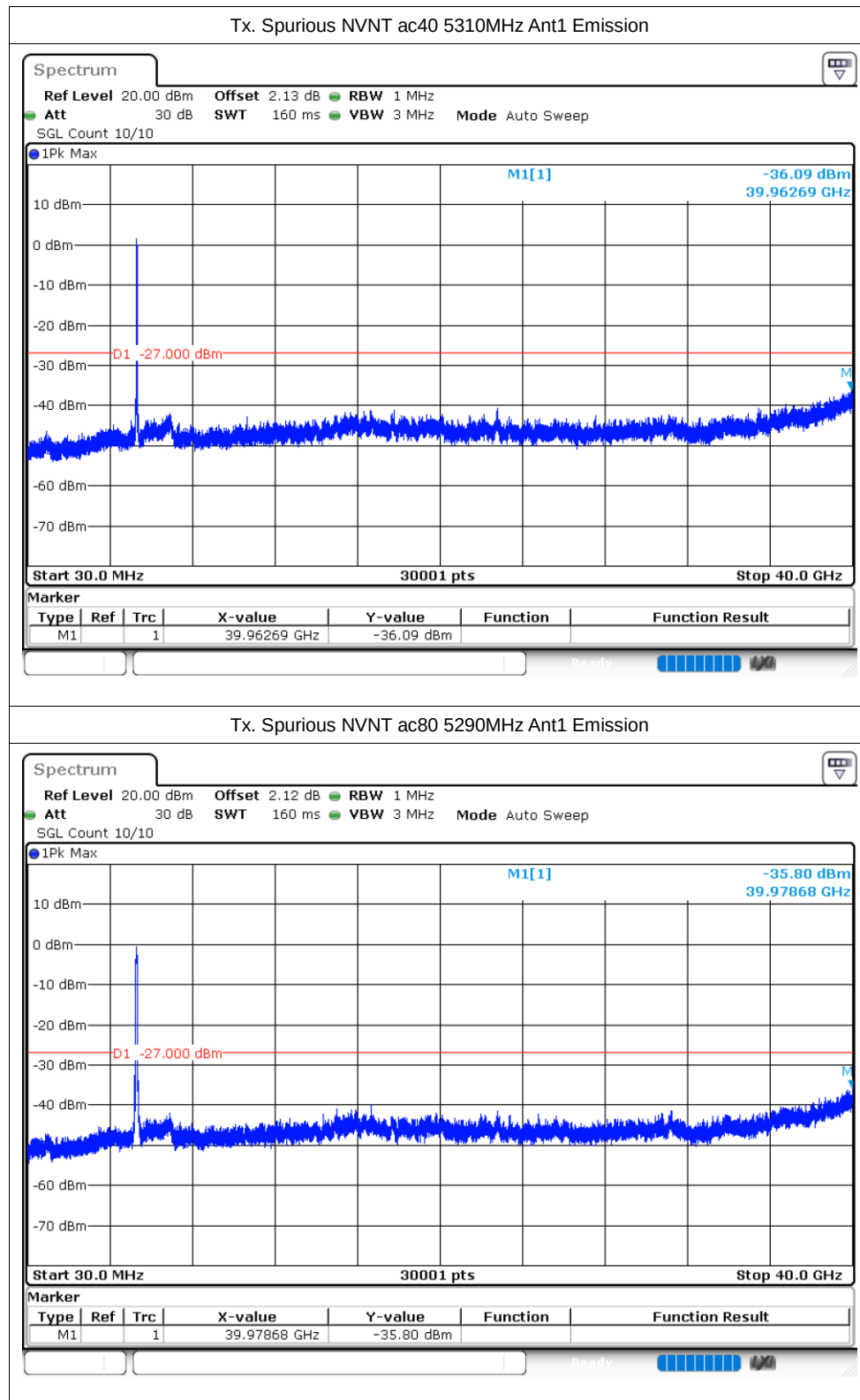












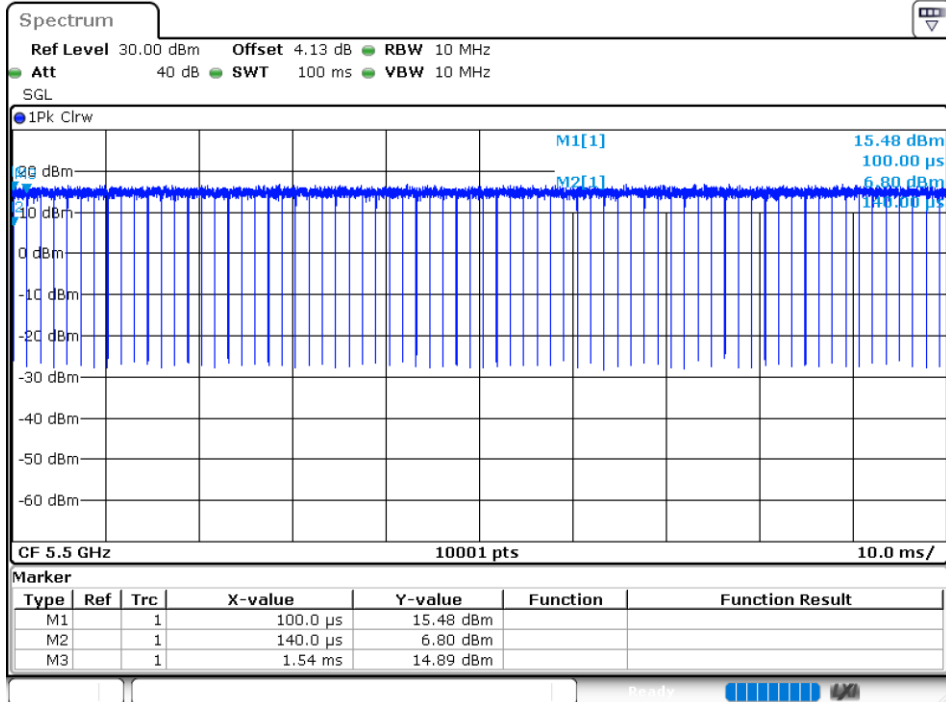
## 5.6G WIFI

### Duty Cycle

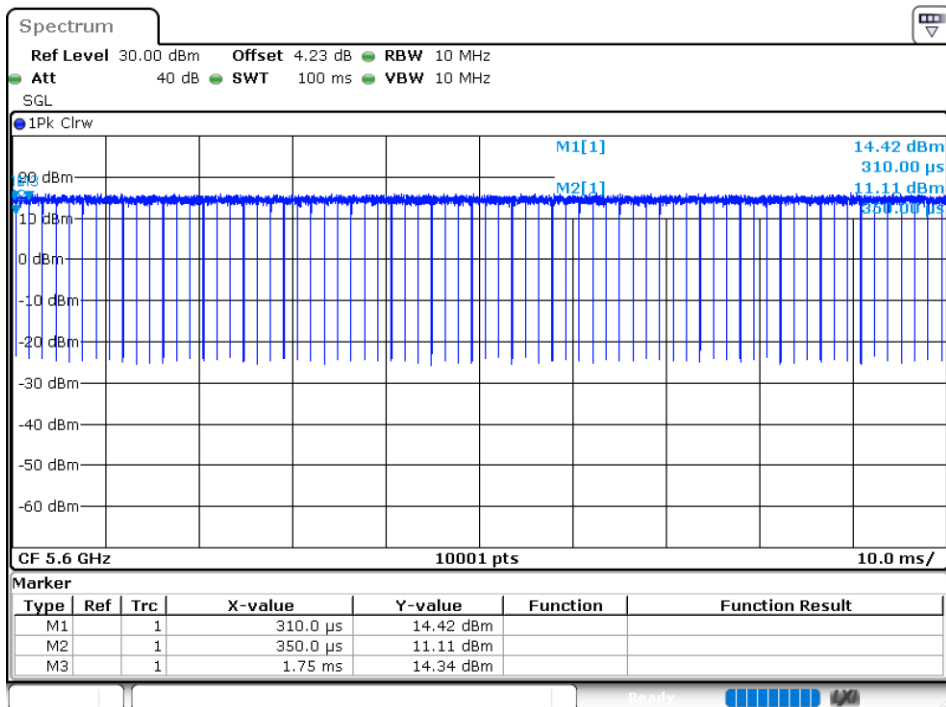
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5500            | Ant1    | 97.6           | 0.11                   | 0.71      |
| NVNT      | a    | 5600            | Ant1    | 97.6           | 0.11                   | 0.71      |
| NVNT      | a    | 5700            | Ant1    | 97.59          | 0.11                   | 0.71      |
| NVNT      | n20  | 5500            | Ant1    | 97.41          | 0.11                   | 0.77      |
| NVNT      | n20  | 5600            | Ant1    | 97.43          | 0.11                   | 0.77      |
| NVNT      | n20  | 5700            | Ant1    | 97.45          | 0.11                   | 0.77      |
| NVNT      | n40  | 5510            | Ant1    | 95.06          | 0.22                   | 1.54      |
| NVNT      | n40  | 5590            | Ant1    | 95.07          | 0.22                   | 1.54      |
| NVNT      | n40  | 5670            | Ant1    | 95.06          | 0.22                   | 1.56      |
| NVNT      | ac20 | 5500            | Ant1    | 97.46          | 0.11                   | 0.76      |
| NVNT      | ac20 | 5600            | Ant1    | 97.4           | 0.11                   | 0.76      |
| NVNT      | ac20 | 5700            | Ant1    | 97.49          | 0.11                   | 0.76      |
| NVNT      | ac40 | 5510            | Ant1    | 95.08          | 0.22                   | 1.52      |
| NVNT      | ac40 | 5590            | Ant1    | 95.12          | 0.22                   | 1.54      |
| NVNT      | ac40 | 5670            | Ant1    | 95.11          | 0.22                   | 1.54      |
| NVNT      | ac80 | 5530            | Ant1    | 90.59          | 0.43                   | 3.03      |
| NVNT      | ac80 | 5610            | Ant1    | 90.59          | 0.43                   | 3.03      |

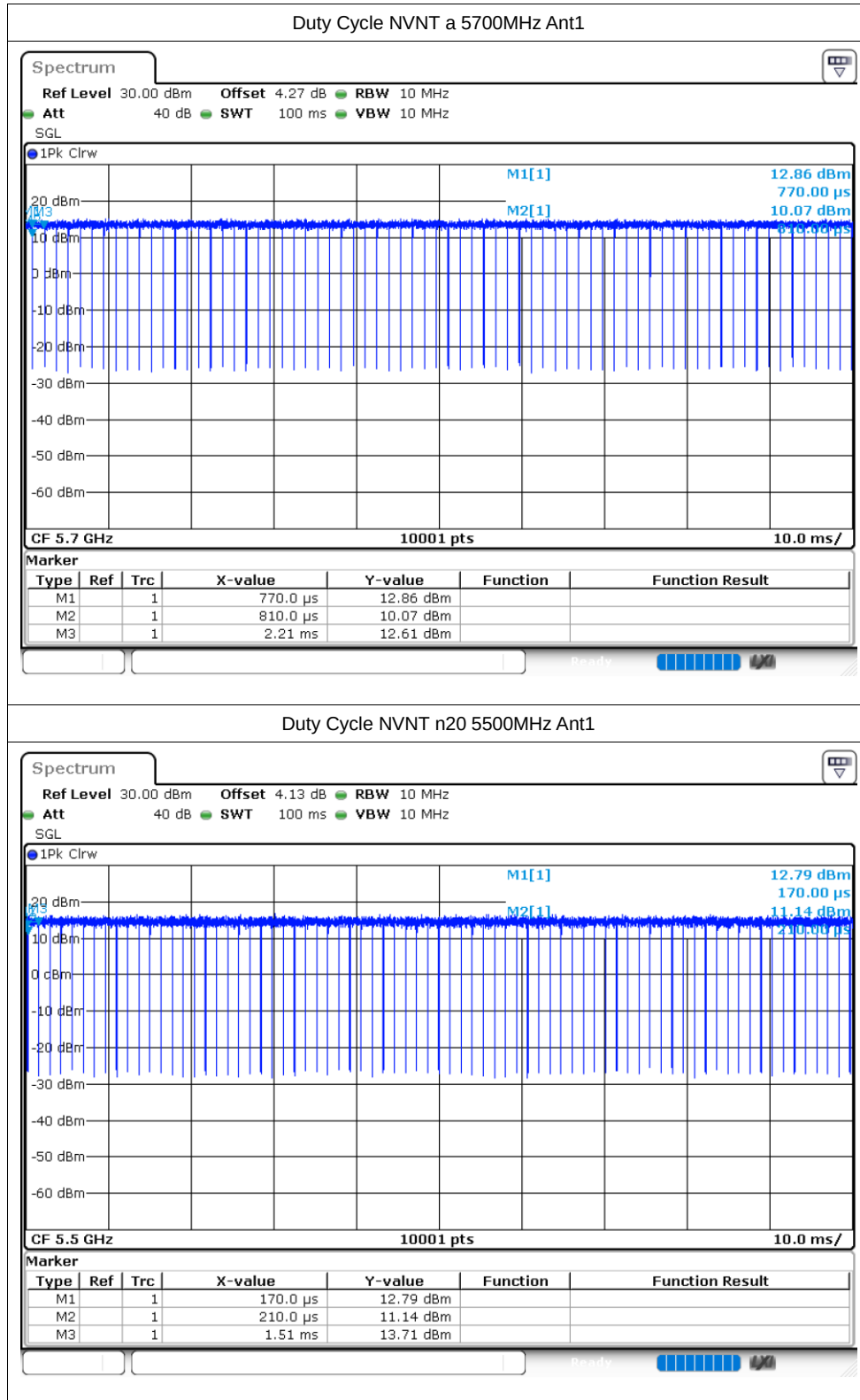
## Test Graphs

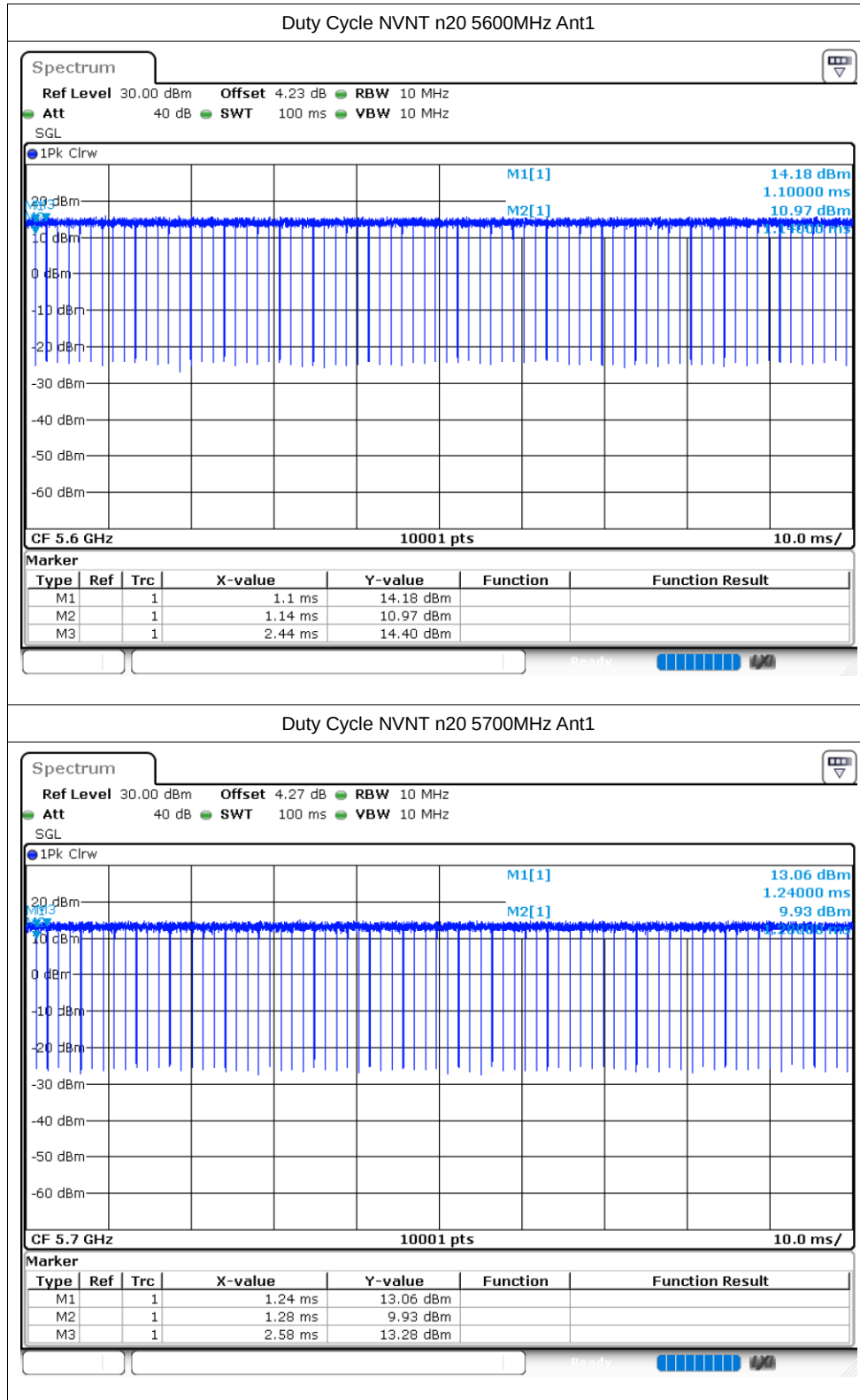
### Duty Cycle NVNT a 5500MHz Ant1

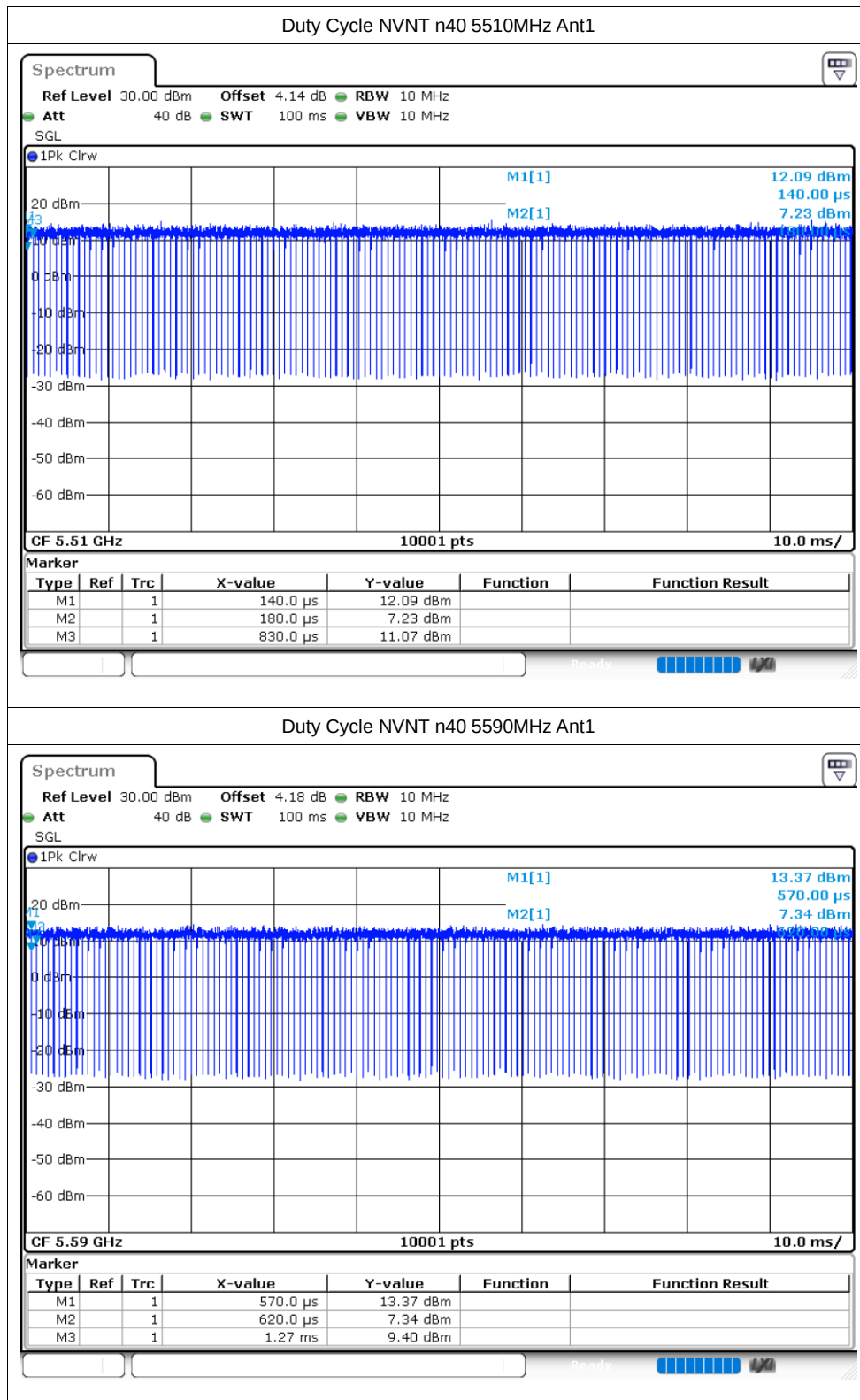


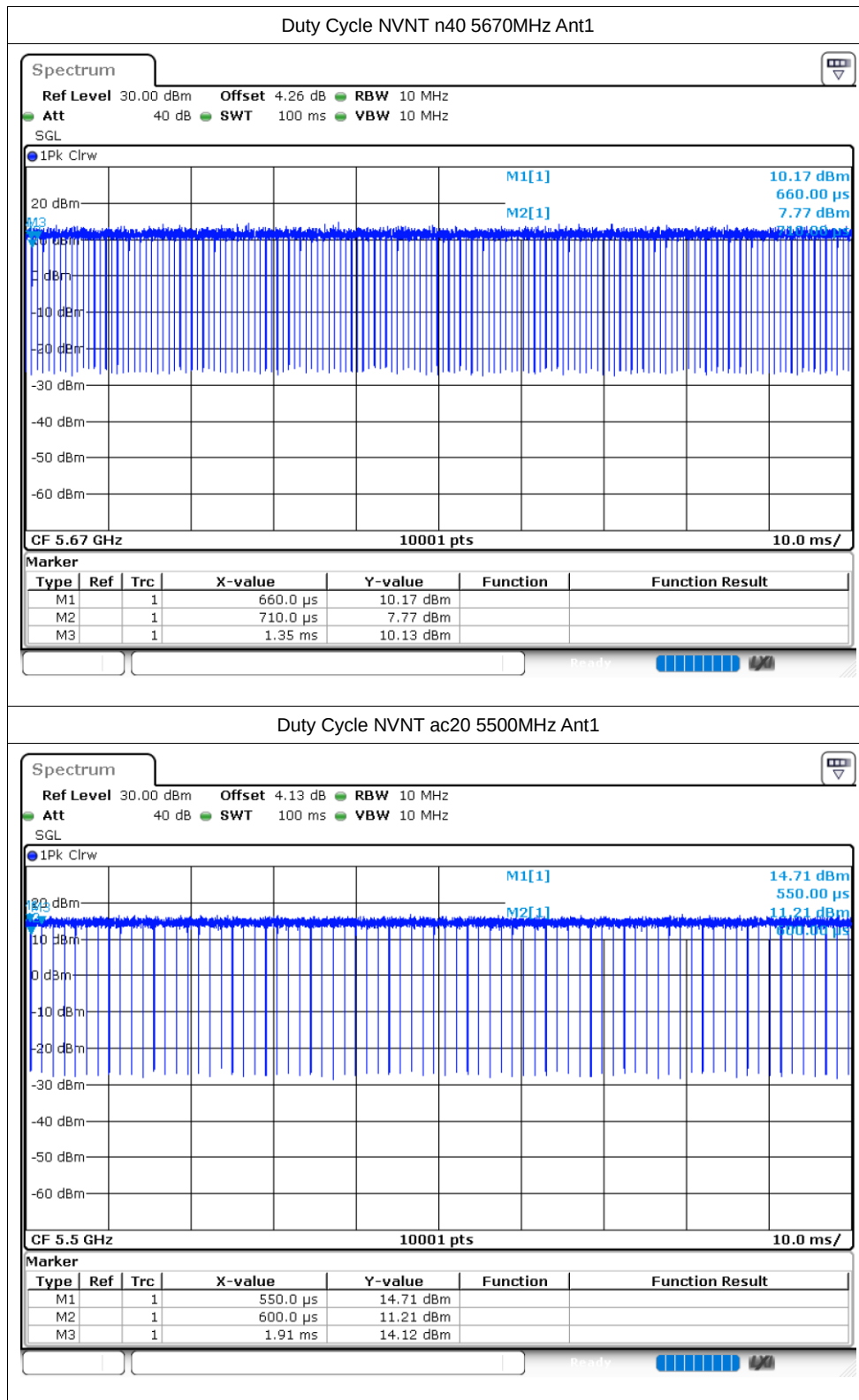
### Duty Cycle NVNT a 5600MHz Ant1

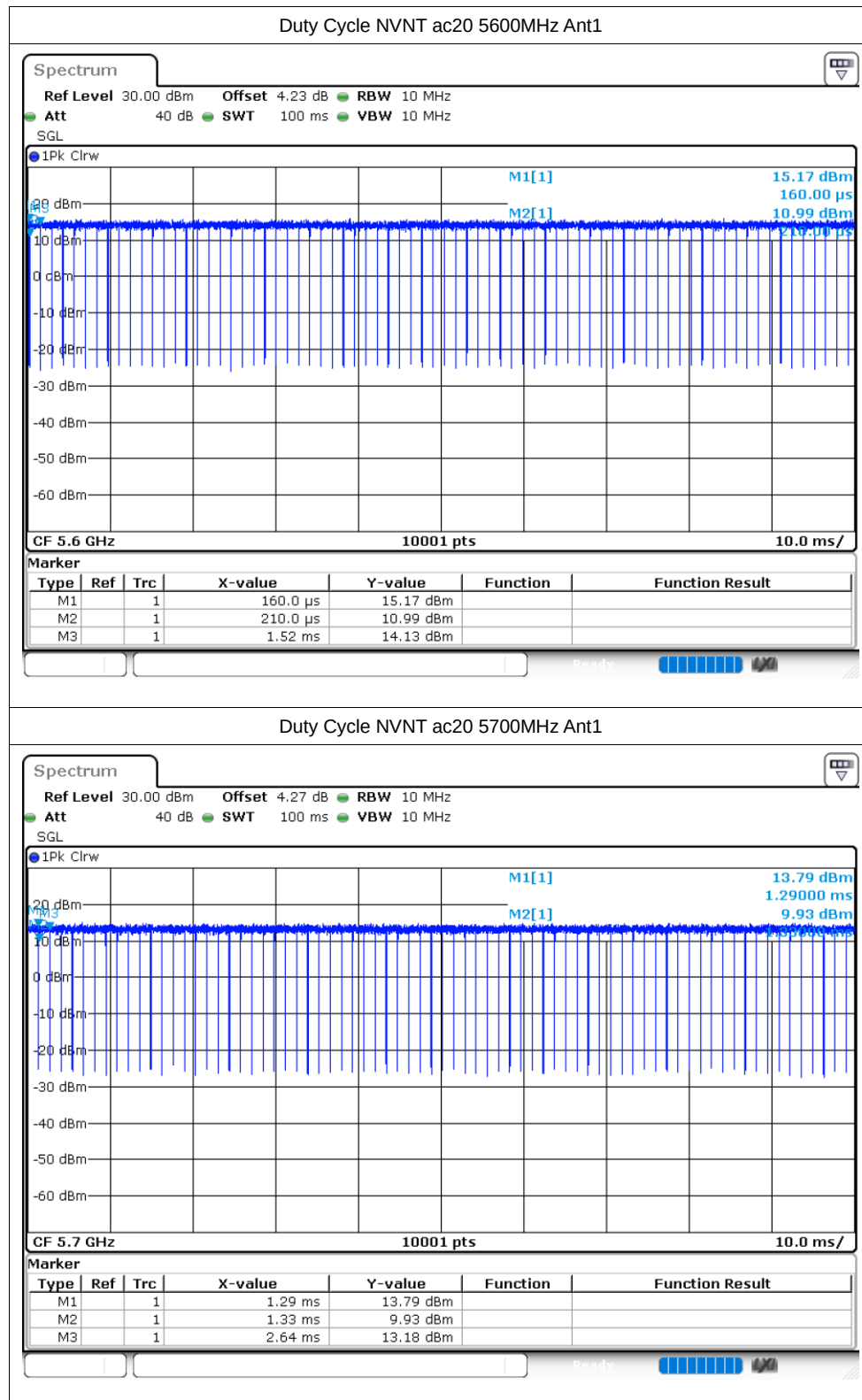


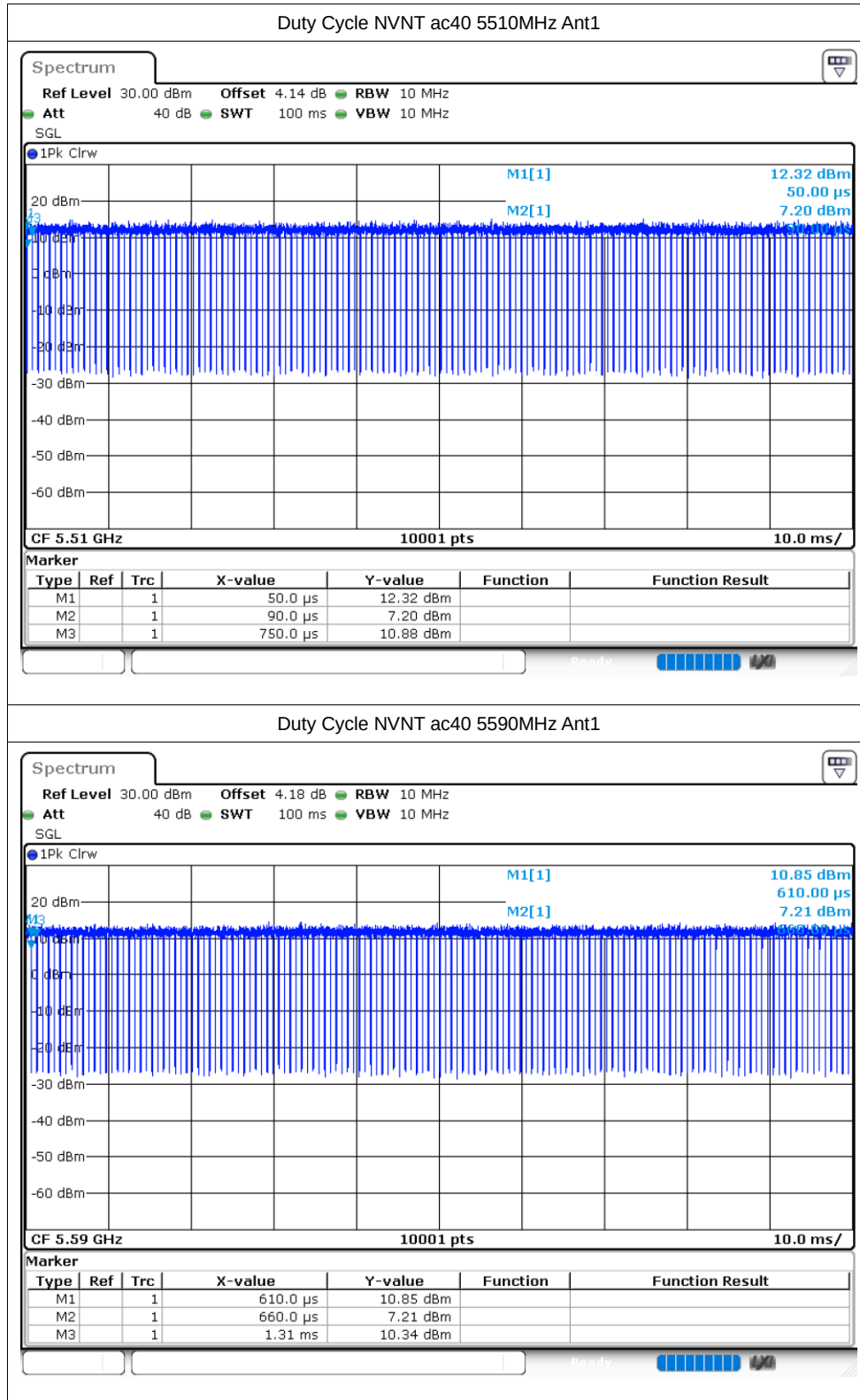


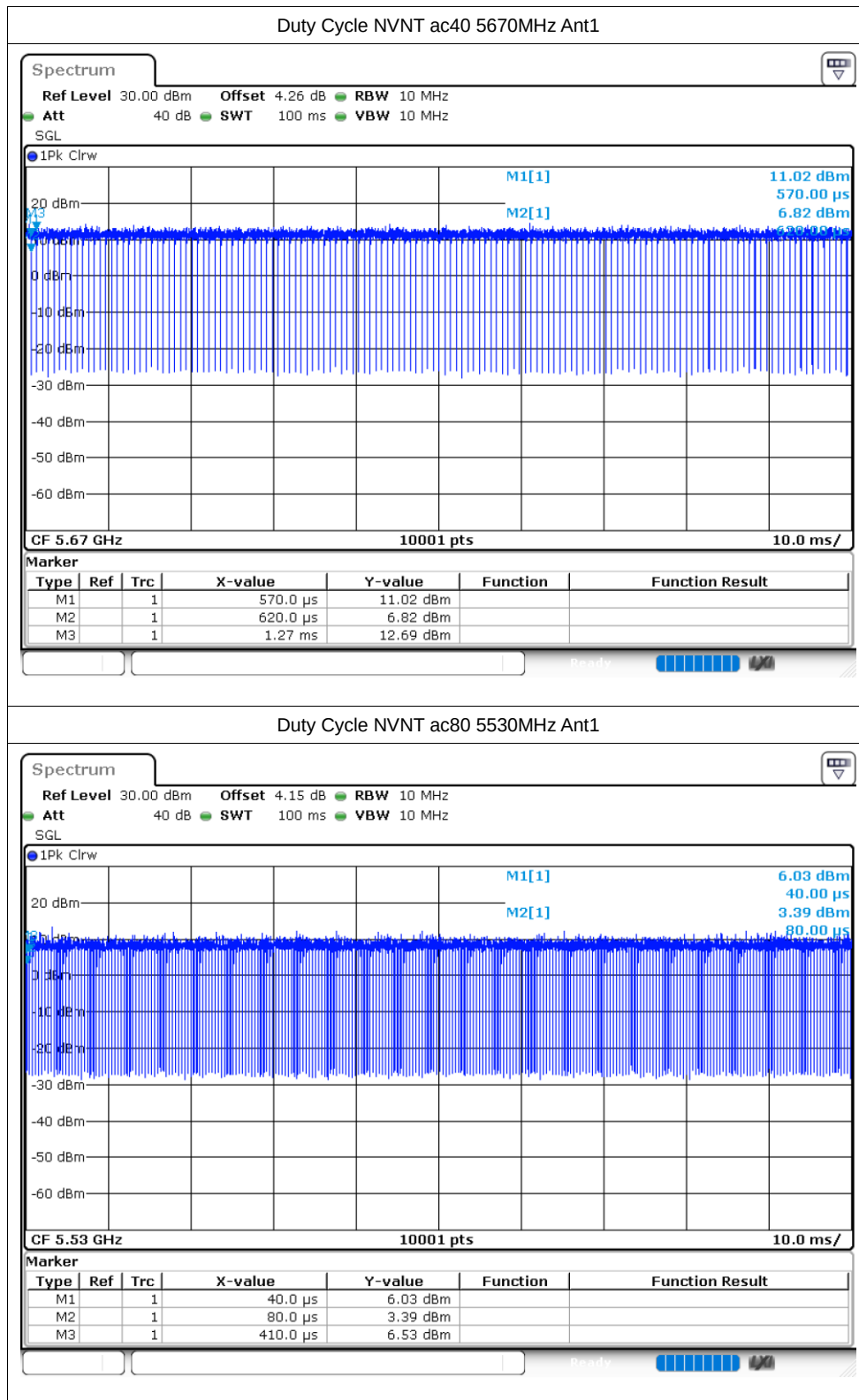


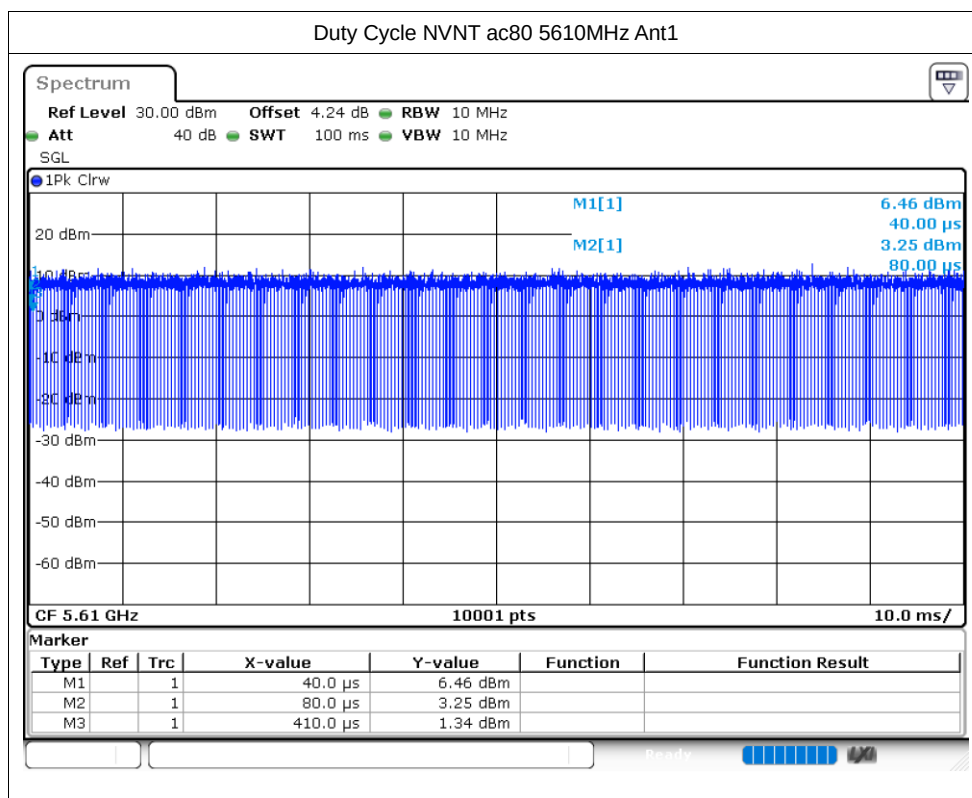












## Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | 11.19                 | 24          | Pass    |
| NVNT      | a    | 5600            | Ant1    | 10.42                 | 24          | Pass    |
| NVNT      | a    | 5700            | Ant1    | 10.13                 | 24          | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 11.01                 | 24          | Pass    |
| NVNT      | n20  | 5600            | Ant1    | 10.19                 | 24          | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 10.21                 | 24          | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 10.62                 | 24          | Pass    |
| NVNT      | n40  | 5590            | Ant1    | 10.1                  | 24          | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 10.24                 | 24          | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 10.76                 | 24          | Pass    |
| NVNT      | ac20 | 5600            | Ant1    | 10.2                  | 24          | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | 10.16                 | 24          | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | 10.6                  | 24          | Pass    |
| NVNT      | ac40 | 5590            | Ant1    | 10.15                 | 24          | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | 10.05                 | 24          | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | 10.35                 | 24          | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | 9.31                  | 24          | Pass    |

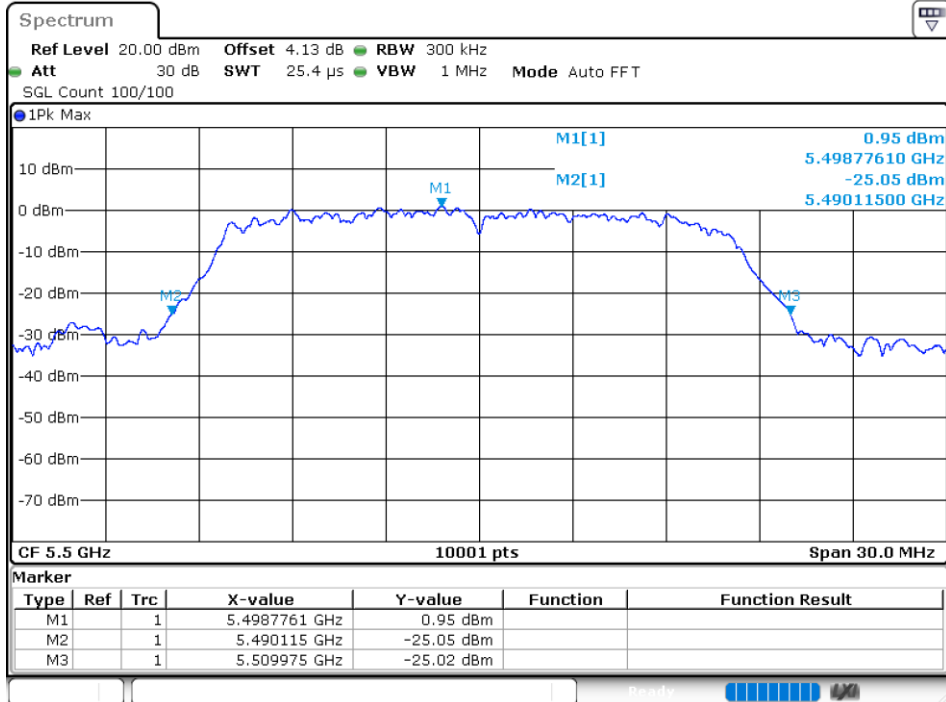
Note: The average power value already includes the duty cycle factor

## -26dB Bandwidth

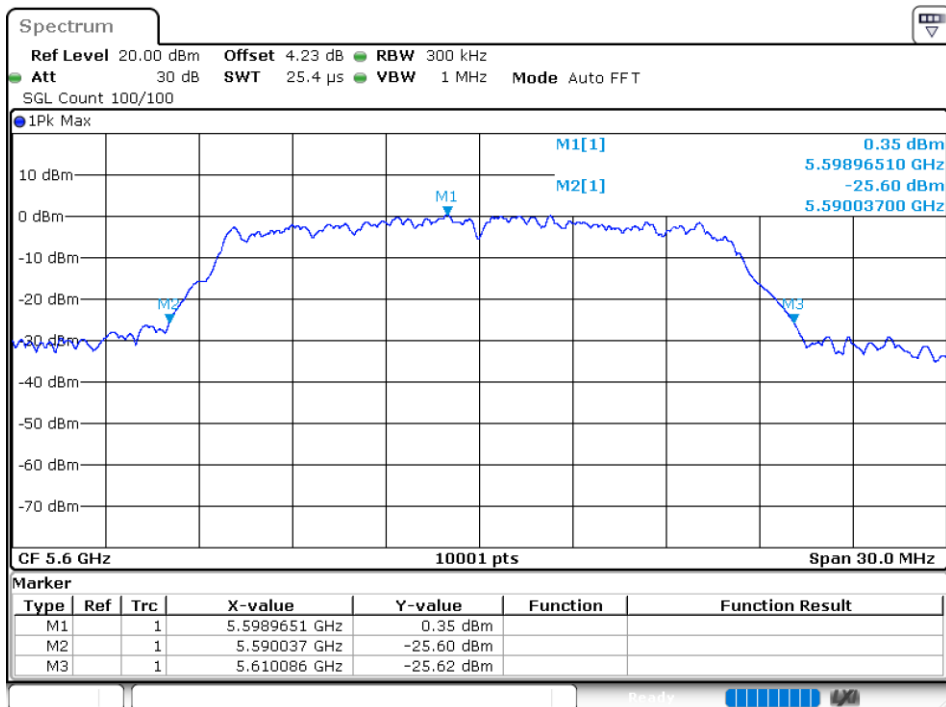
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|---------|
| NVNT      | a    | 5500            | Ant1    | 19.86                  | Pass    |
| NVNT      | a    | 5600            | Ant1    | 20.049                 | Pass    |
| NVNT      | a    | 5700            | Ant1    | 20.415                 | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 20.4                   | Pass    |
| NVNT      | n20  | 5600            | Ant1    | 20.244                 | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 21.69                  | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 54.156                 | Pass    |
| NVNT      | n40  | 5590            | Ant1    | 58.986                 | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 54.03                  | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 20.067                 | Pass    |
| NVNT      | ac20 | 5600            | Ant1    | 23.583                 | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | 20.301                 | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | 46.536                 | Pass    |
| NVNT      | ac40 | 5590            | Ant1    | 49.962                 | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | 54.504                 | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | 99.984                 | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | 100.416                | Pass    |

Test Graphs

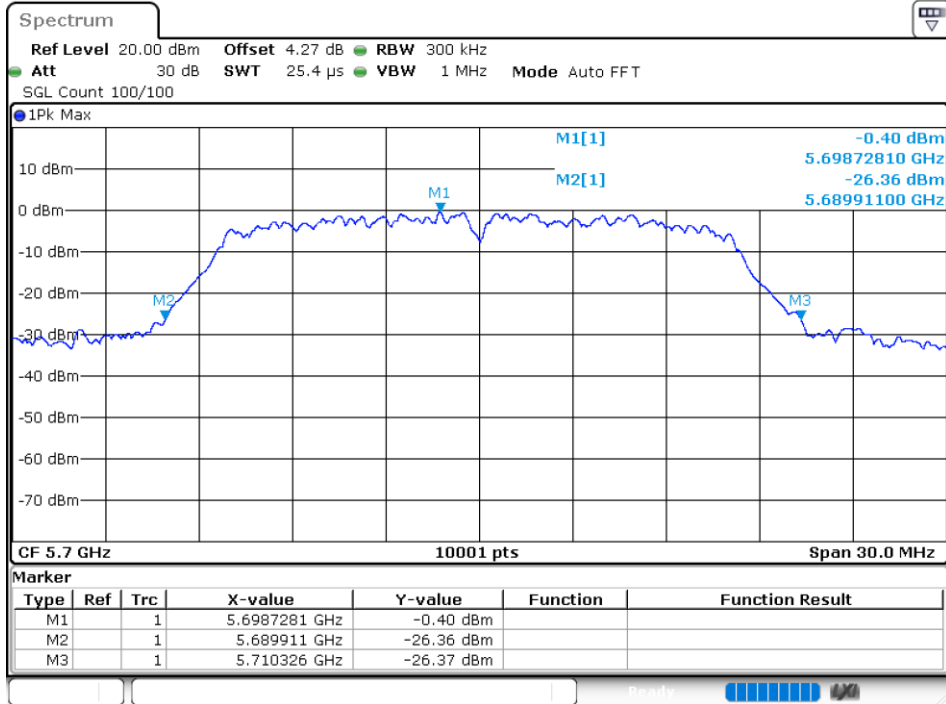
-26dB Bandwidth NVNT a 5500MHz Ant1



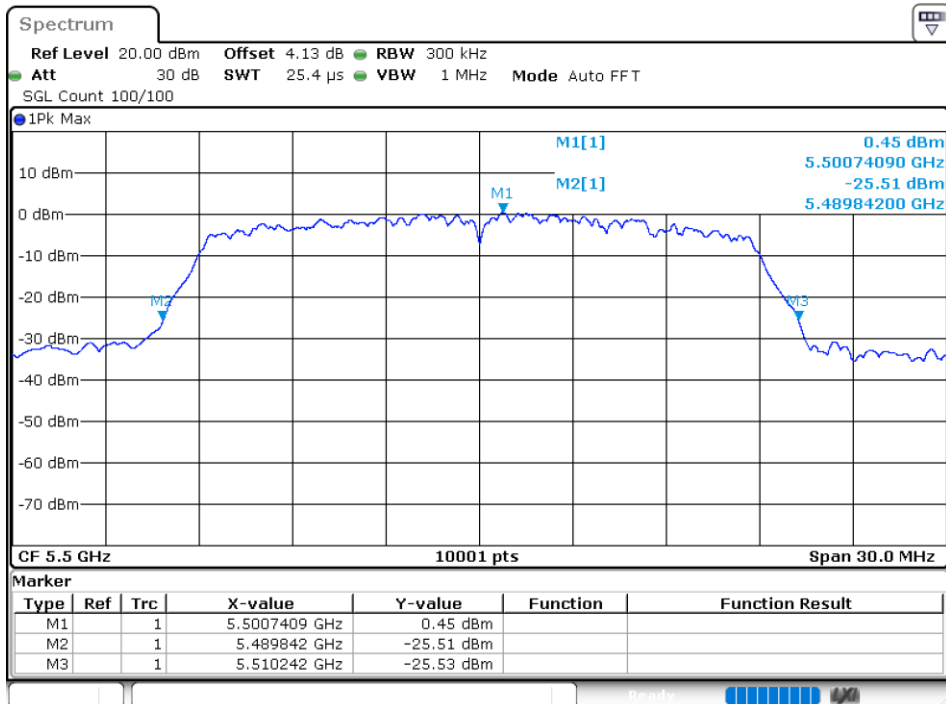
-26dB Bandwidth NVNT a 5600MHz Ant1

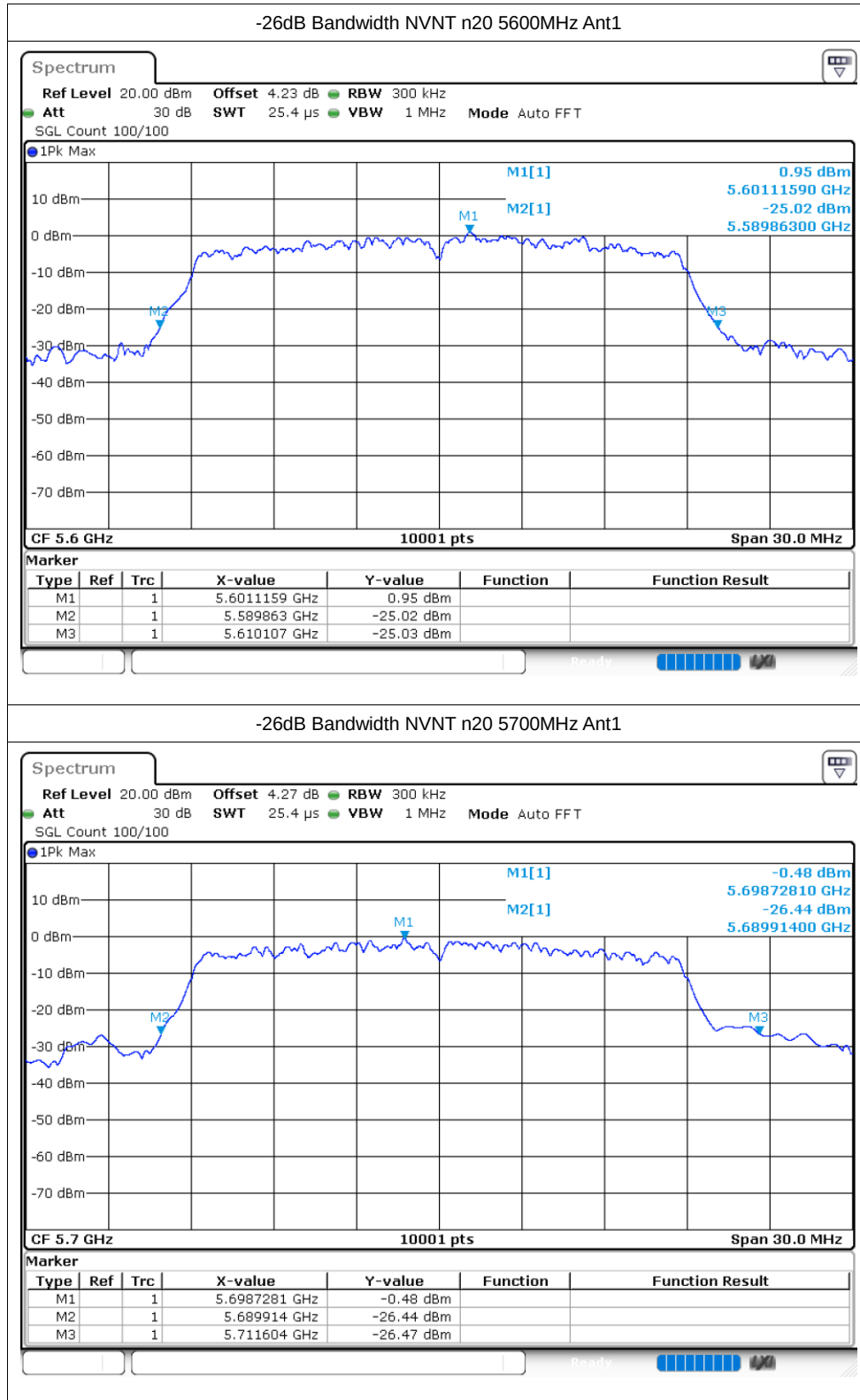


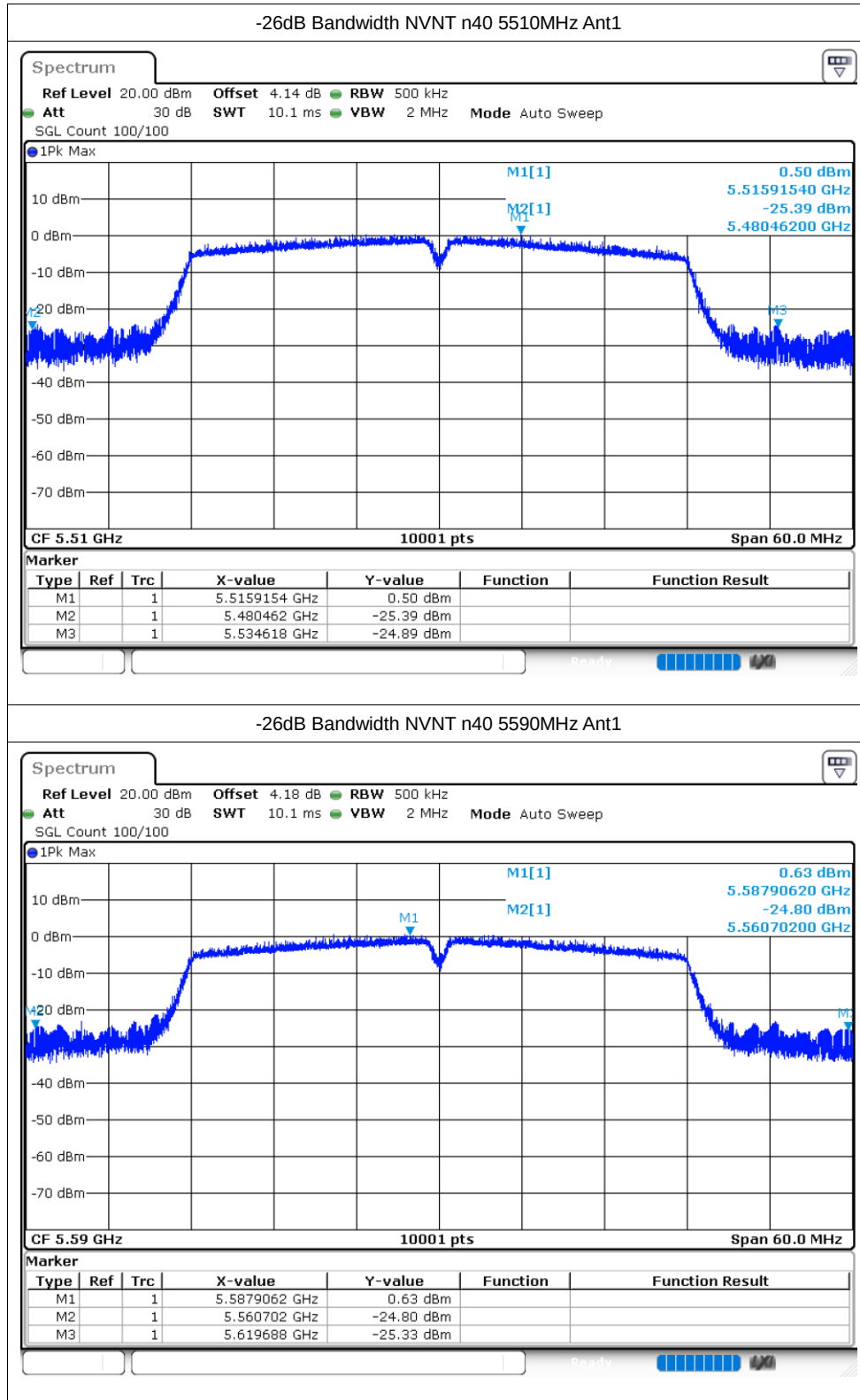
-26dB Bandwidth NVNT a 5700MHz Ant1

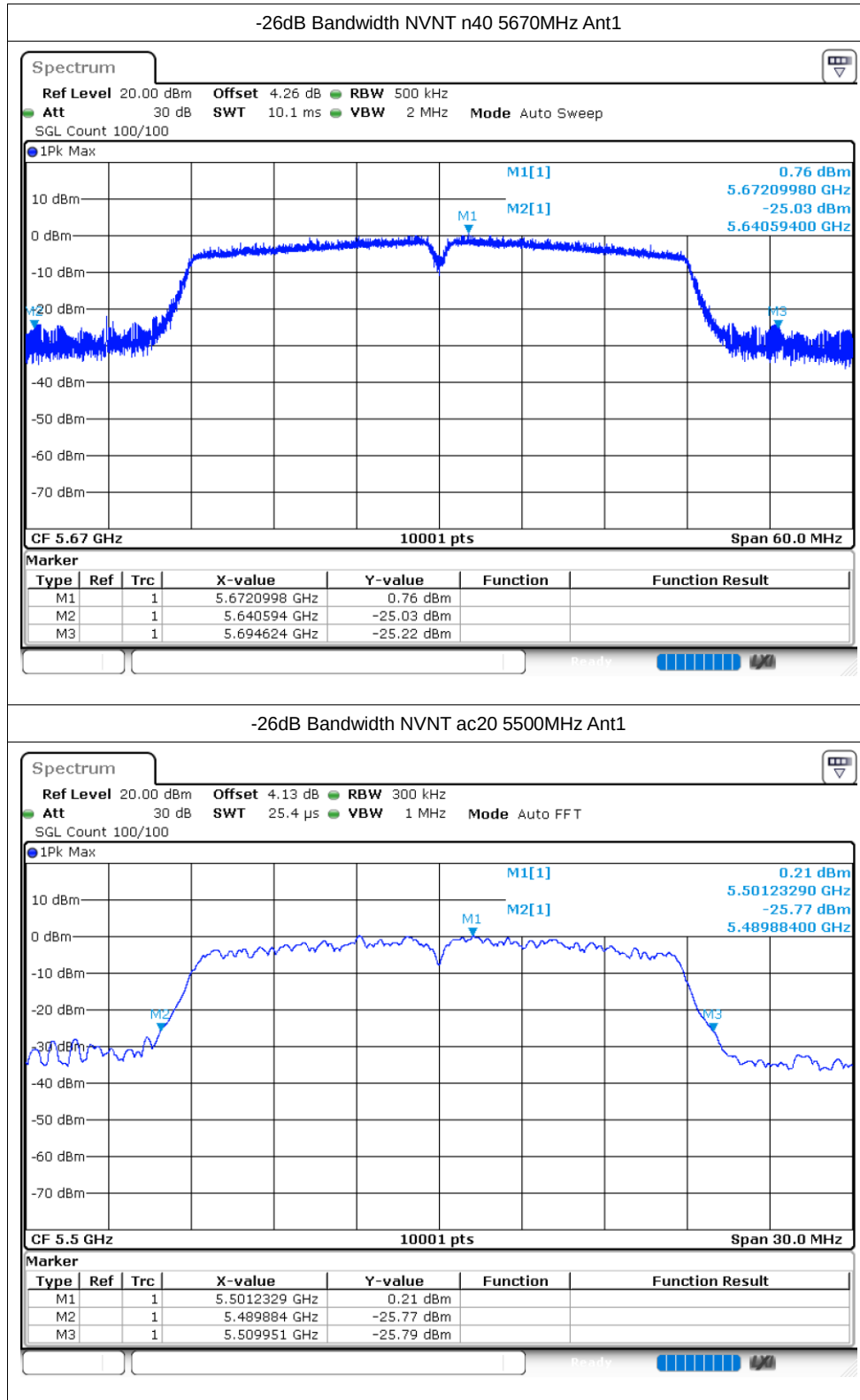


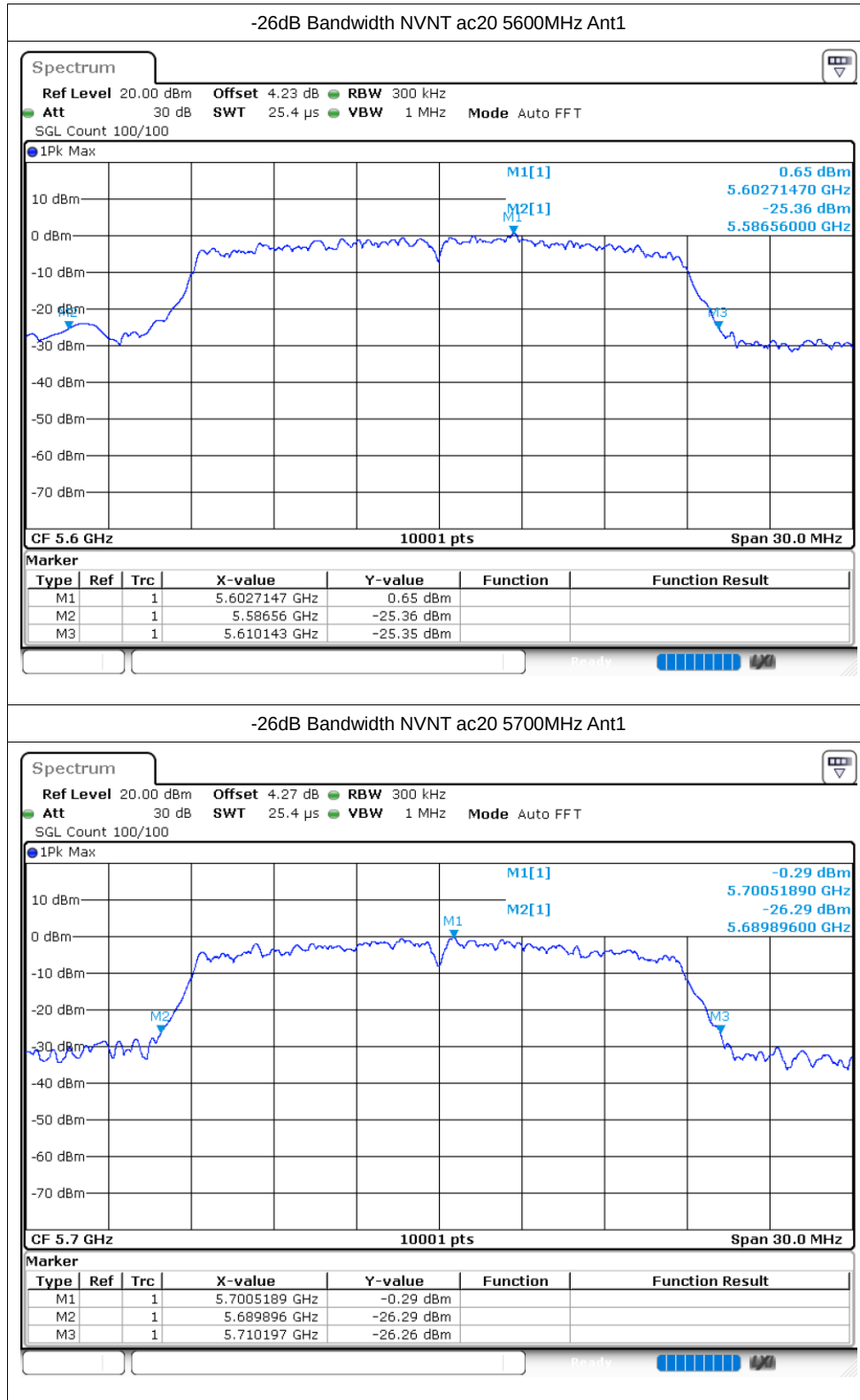
-26dB Bandwidth NVNT n20 5500MHz Ant1



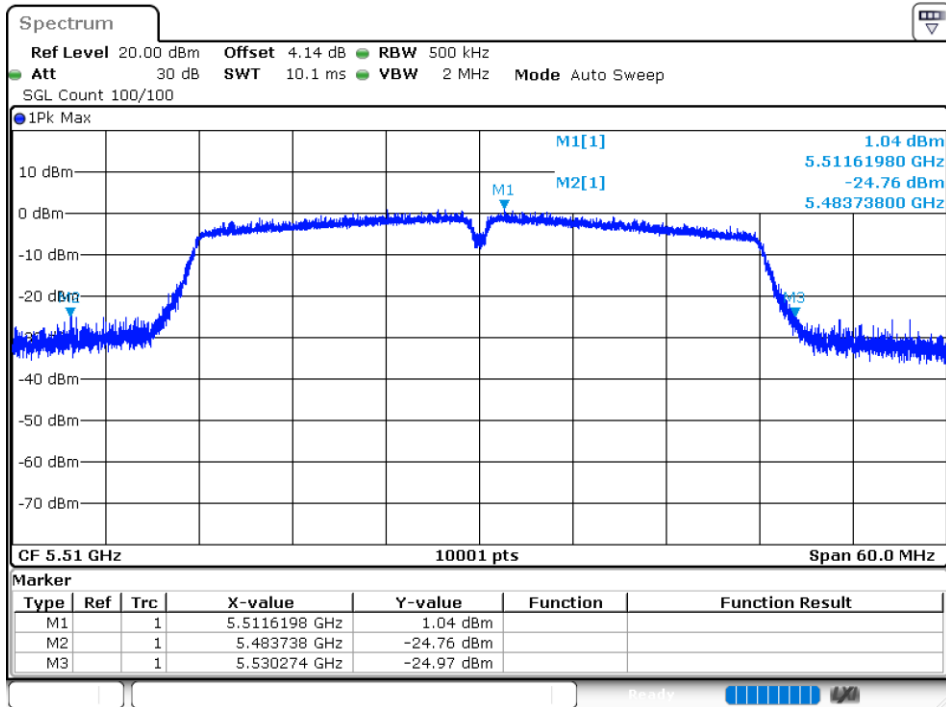




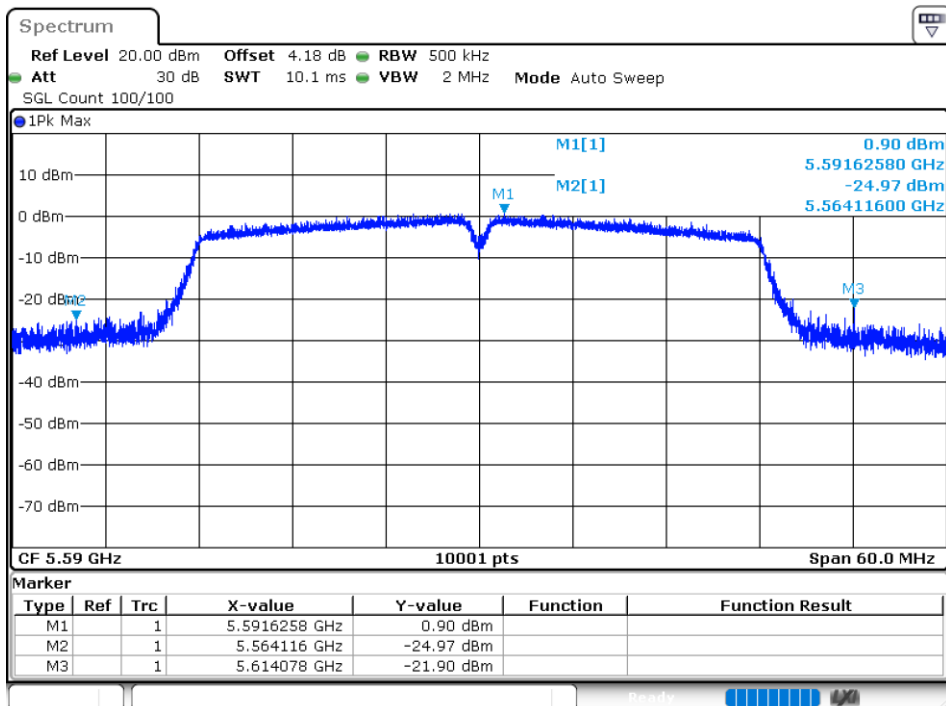


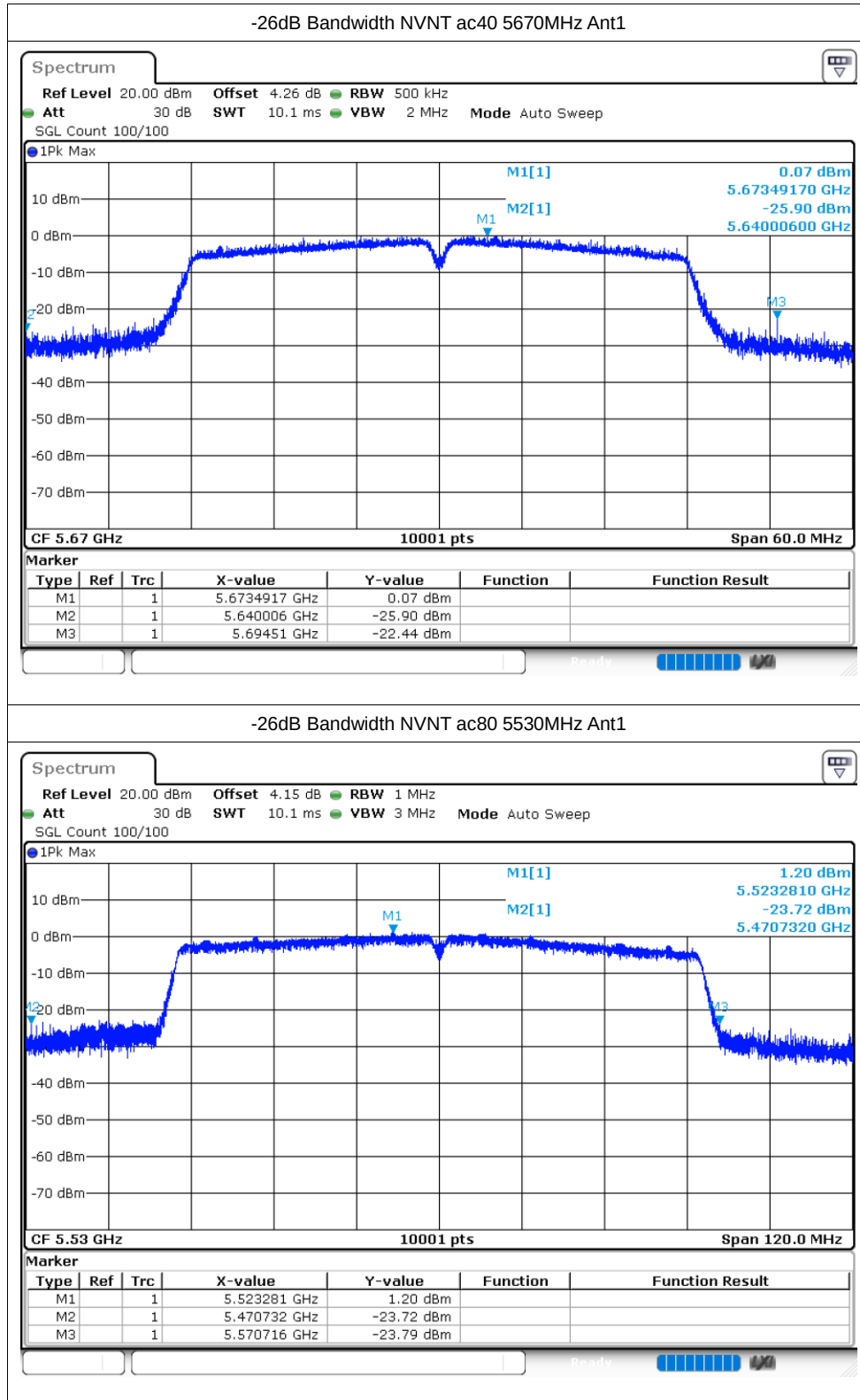


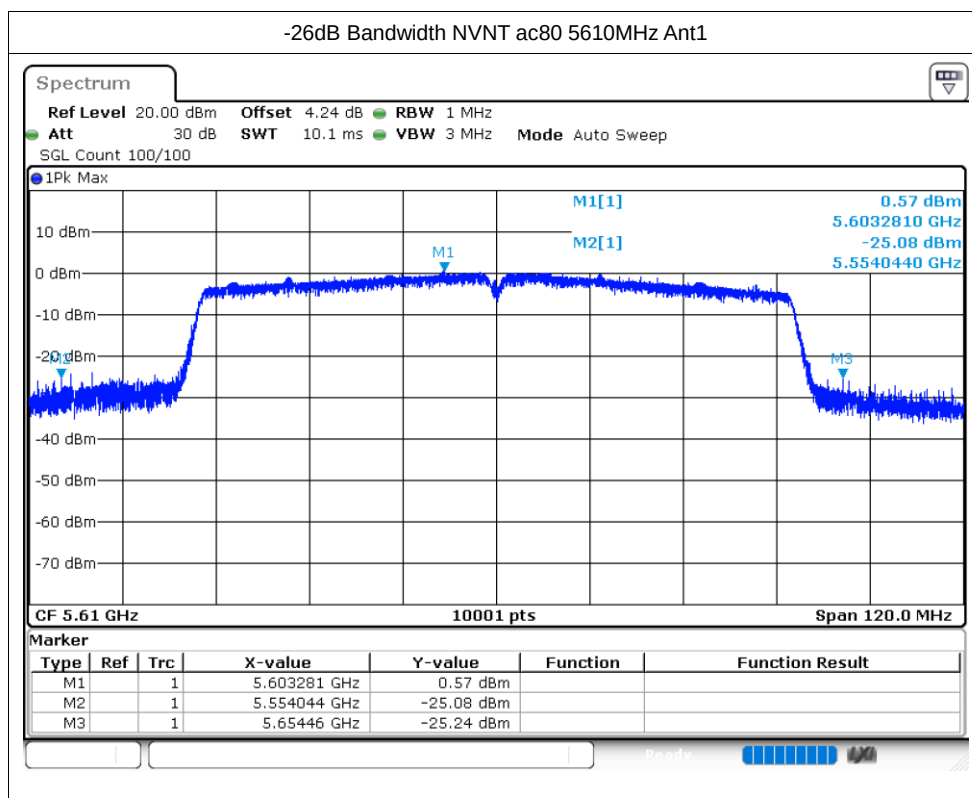
-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5590MHz Ant1





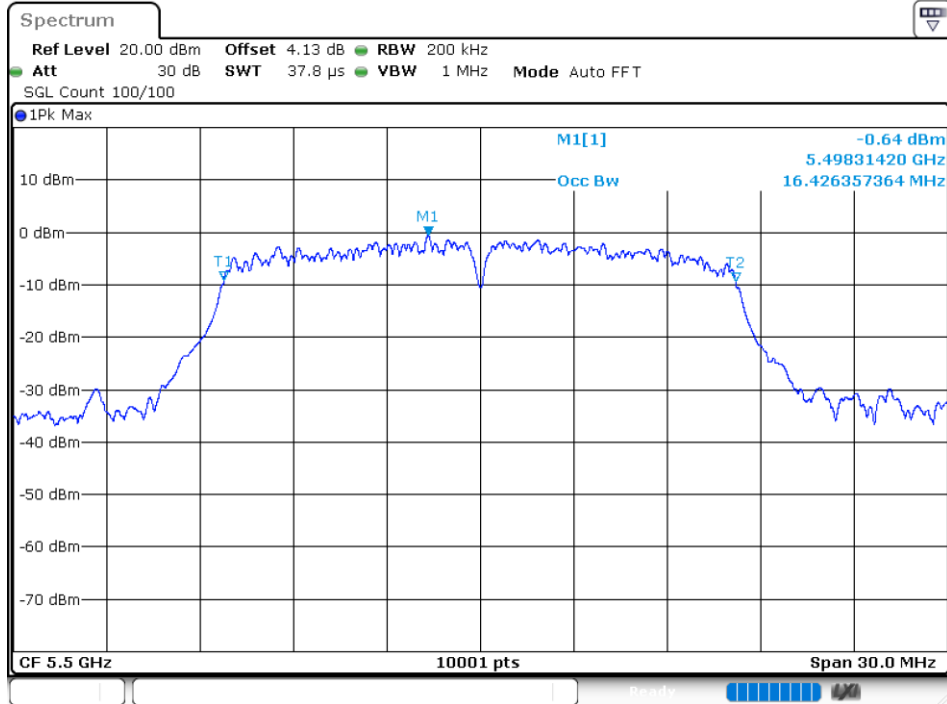


## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5500            | Ant1    | 16.426        |
| NVNT      | a    | 5600            | Ant1    | 16.582        |
| NVNT      | a    | 5700            | Ant1    | 16.507        |
| NVNT      | n20  | 5500            | Ant1    | 17.629        |
| NVNT      | n20  | 5600            | Ant1    | 17.524        |
| NVNT      | n20  | 5700            | Ant1    | 17.536        |
| NVNT      | n40  | 5510            | Ant1    | 36.14         |
| NVNT      | n40  | 5590            | Ant1    | 36.164        |
| NVNT      | n40  | 5670            | Ant1    | 36.134        |
| NVNT      | ac20 | 5500            | Ant1    | 17.551        |
| NVNT      | ac20 | 5600            | Ant1    | 17.683        |
| NVNT      | ac20 | 5700            | Ant1    | 17.539        |
| NVNT      | ac40 | 5510            | Ant1    | 36.062        |
| NVNT      | ac40 | 5590            | Ant1    | 36.122        |
| NVNT      | ac40 | 5670            | Ant1    | 36.128        |
| NVNT      | ac80 | 5530            | Ant1    | 75.34         |
| NVNT      | ac80 | 5610            | Ant1    | 75.28         |

Test Graphs

OBW NVNT a 5500MHz Ant1



OBW NVNT a 5600MHz Ant1

