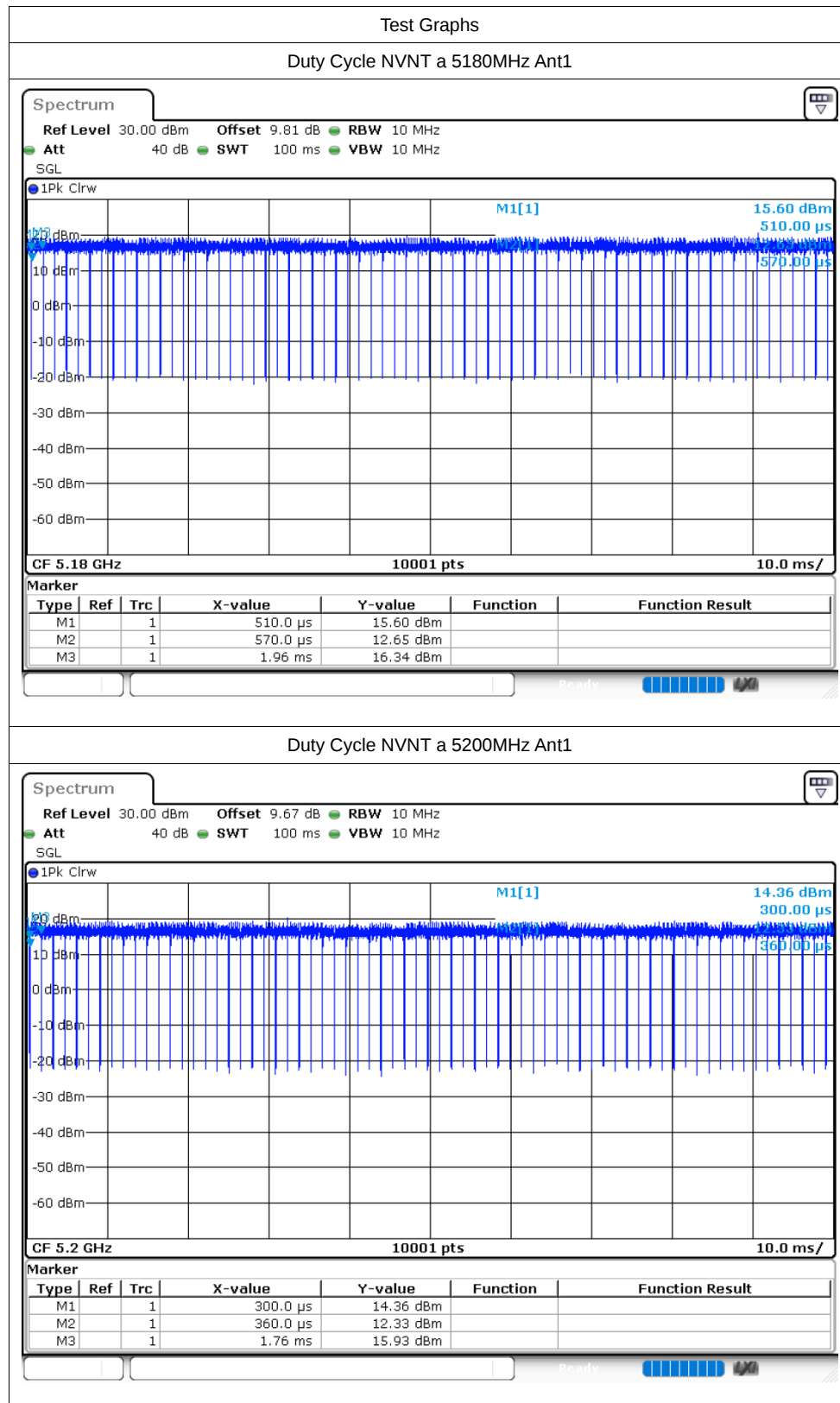
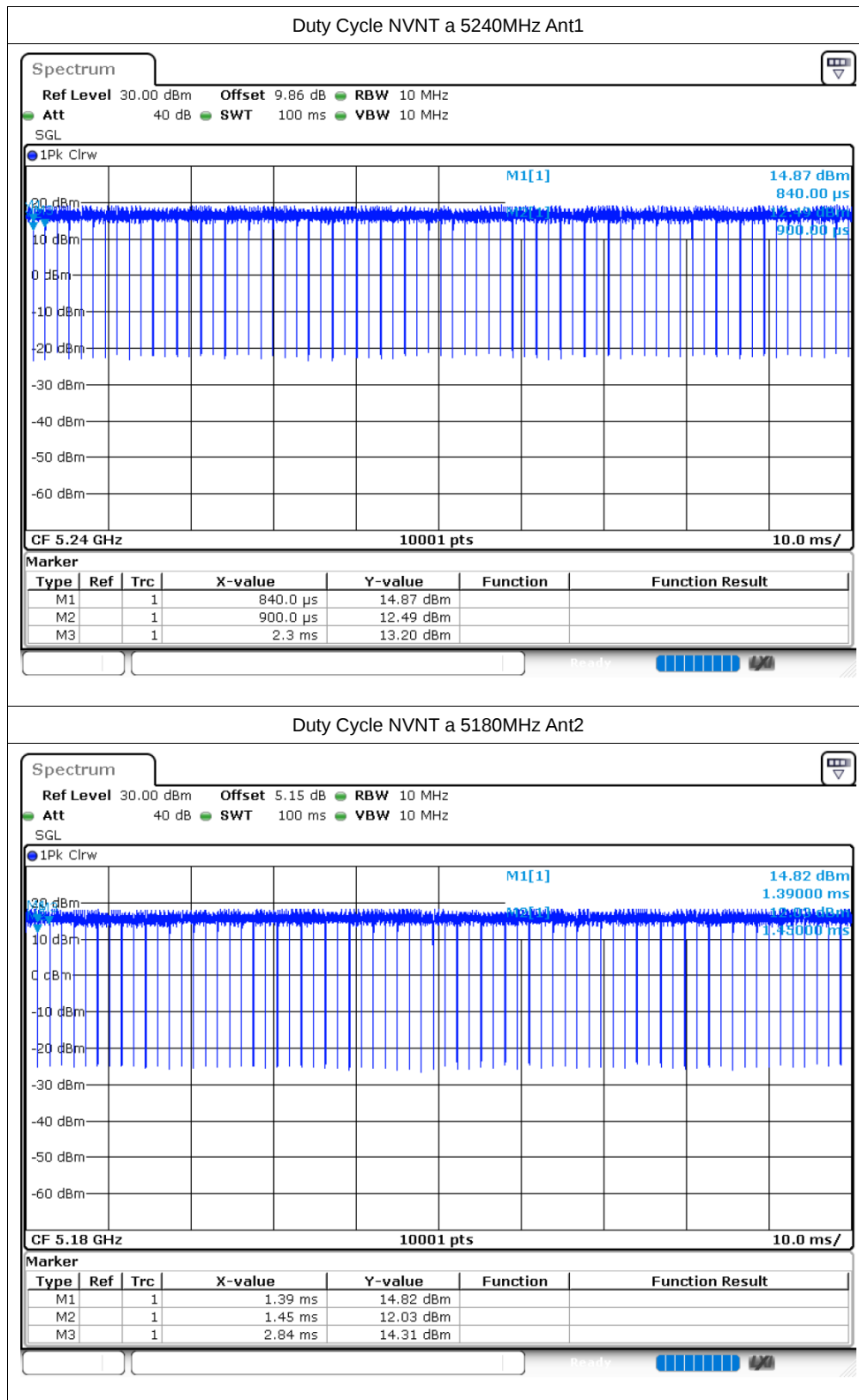


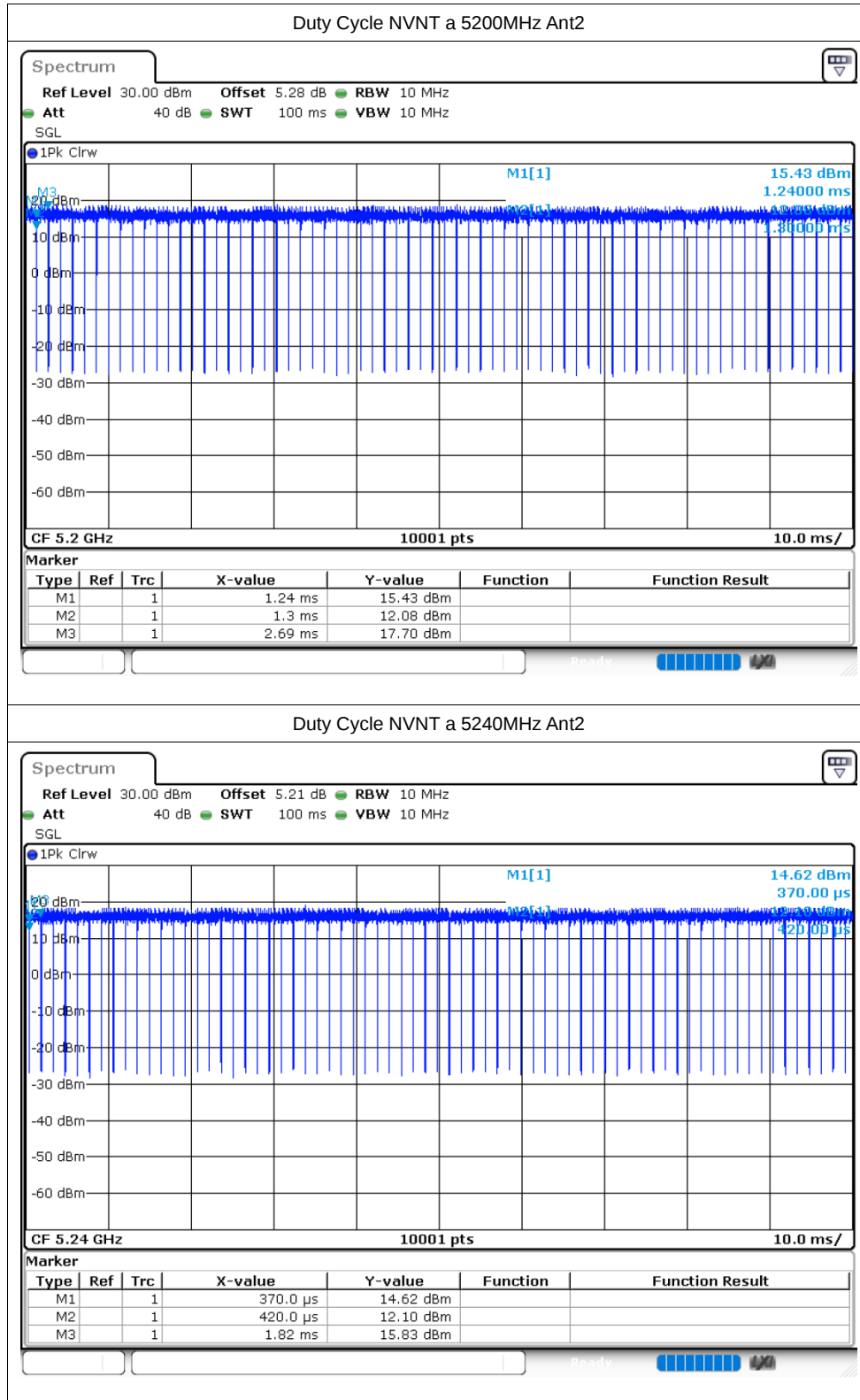
## 5.2G:

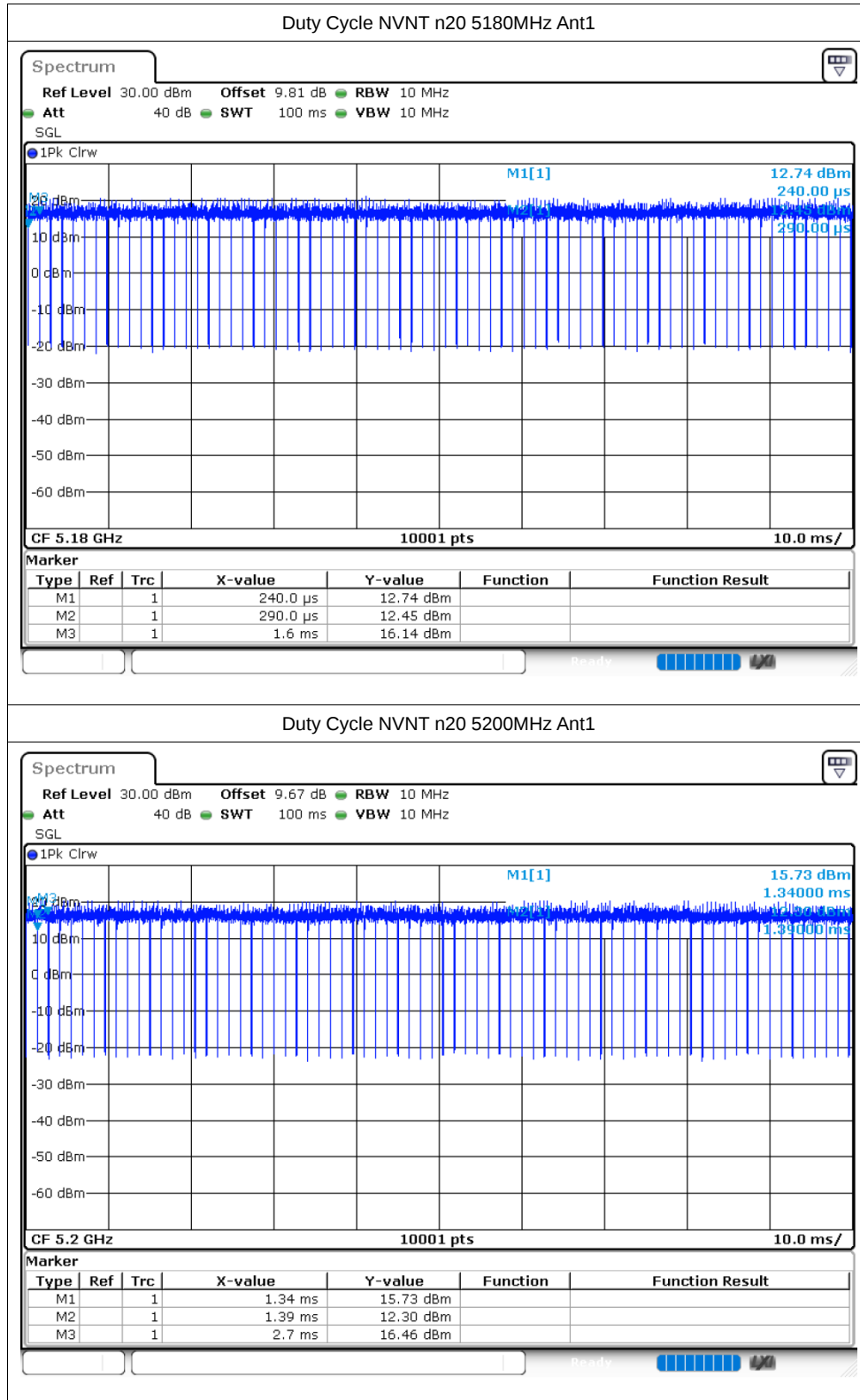
## Duty Cycle

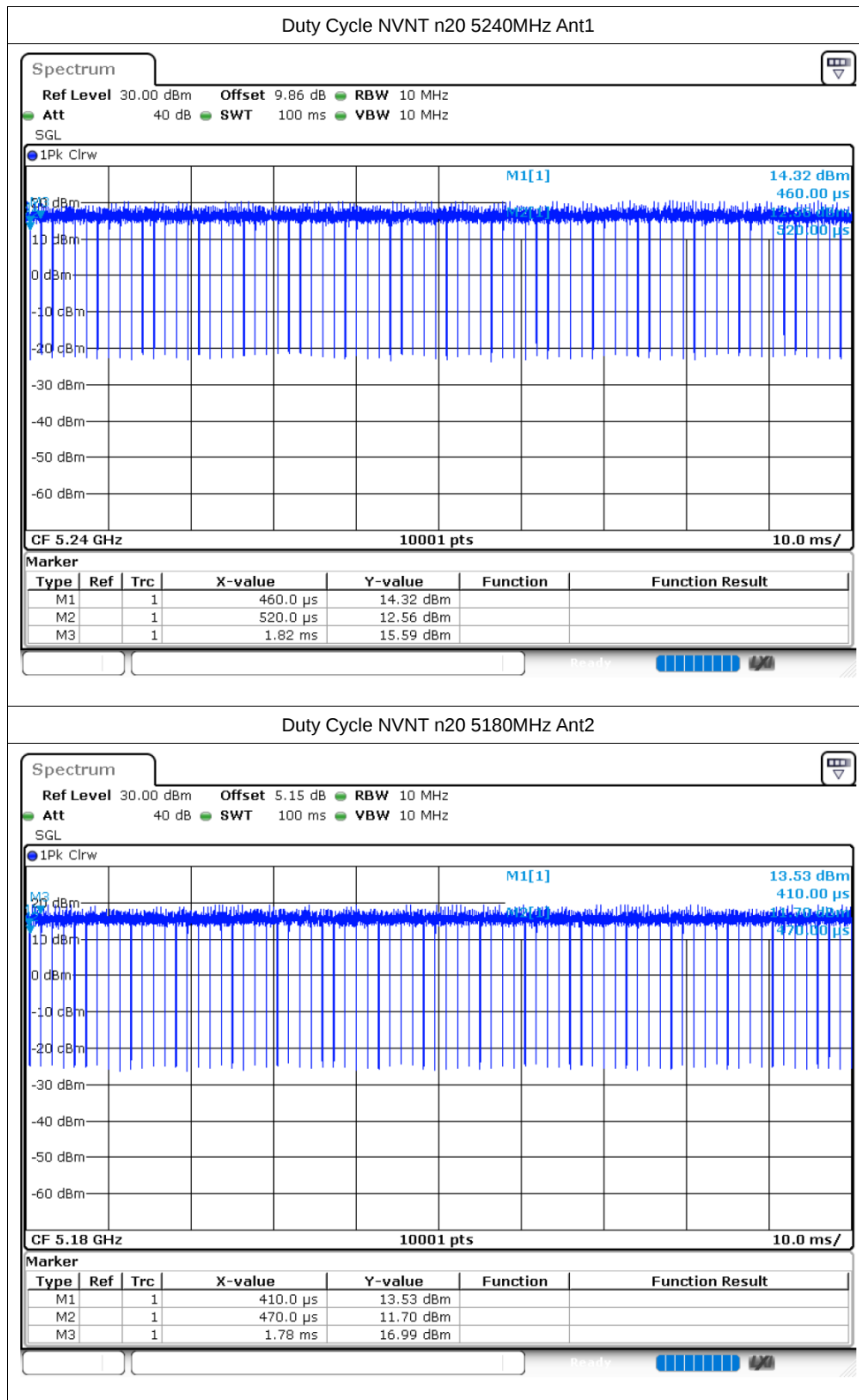
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 96.87          | 0.14                   | 0.72      |
| NVNT      | a    | 5200            | Ant1    | 96.89          | 0.14                   | 0.71      |
| NVNT      | a    | 5240            | Ant1    | 96.9           | 0.14                   | 0.71      |
| NVNT      | a    | 5180            | Ant2    | 96.93          | 0.14                   | 0.72      |
| NVNT      | a    | 5200            | Ant2    | 96.87          | 0.14                   | 0.72      |
| NVNT      | a    | 5240            | Ant2    | 96.86          | 0.14                   | 0.71      |
| NVNT      | n20  | 5180            | Ant1    | 96.62          | 0.15                   | 0.76      |
| NVNT      | n20  | 5200            | Ant1    | 96.65          | 0.15                   | 0.76      |
| NVNT      | n20  | 5240            | Ant1    | 96.66          | 0.15                   | 0.77      |
| NVNT      | n20  | 5180            | Ant2    | 96.63          | 0.15                   | 0.76      |
| NVNT      | n20  | 5200            | Ant2    | 96.67          | 0.15                   | 0.76      |
| NVNT      | n20  | 5240            | Ant2    | 96.65          | 0.15                   | 0.76      |
| NVNT      | n40  | 5190            | Ant1    | 93.63          | 0.29                   | 1.54      |
| NVNT      | n40  | 5230            | Ant1    | 93.63          | 0.29                   | 1.54      |
| NVNT      | n40  | 5190            | Ant2    | 93.61          | 0.29                   | 1.56      |
| NVNT      | n40  | 5230            | Ant2    | 93.61          | 0.29                   | 1.56      |
| NVNT      | ac20 | 5180            | Ant1    | 96.71          | 0.15                   | 0.76      |
| NVNT      | ac20 | 5200            | Ant1    | 96.74          | 0.14                   | 0.76      |
| NVNT      | ac20 | 5240            | Ant1    | 96.62          | 0.15                   | 0.76      |
| NVNT      | ac20 | 5180            | Ant2    | 96.65          | 0.15                   | 0.76      |
| NVNT      | ac20 | 5200            | Ant2    | 96.63          | 0.15                   | 0.76      |
| NVNT      | ac20 | 5240            | Ant2    | 96.68          | 0.15                   | 0.76      |
| NVNT      | ac40 | 5190            | Ant1    | 93.68          | 0.28                   | 1.52      |
| NVNT      | ac40 | 5230            | Ant1    | 93.71          | 0.28                   | 1.54      |
| NVNT      | ac40 | 5190            | Ant2    | 93.65          | 0.28                   | 1.54      |
| NVNT      | ac40 | 5230            | Ant2    | 93.7           | 0.28                   | 1.54      |
| NVNT      | ac80 | 5210            | Ant1    | 88.13          | 0.55                   | 3.03      |
| NVNT      | ac80 | 5210            | Ant2    | 88.16          | 0.55                   | 3.12      |

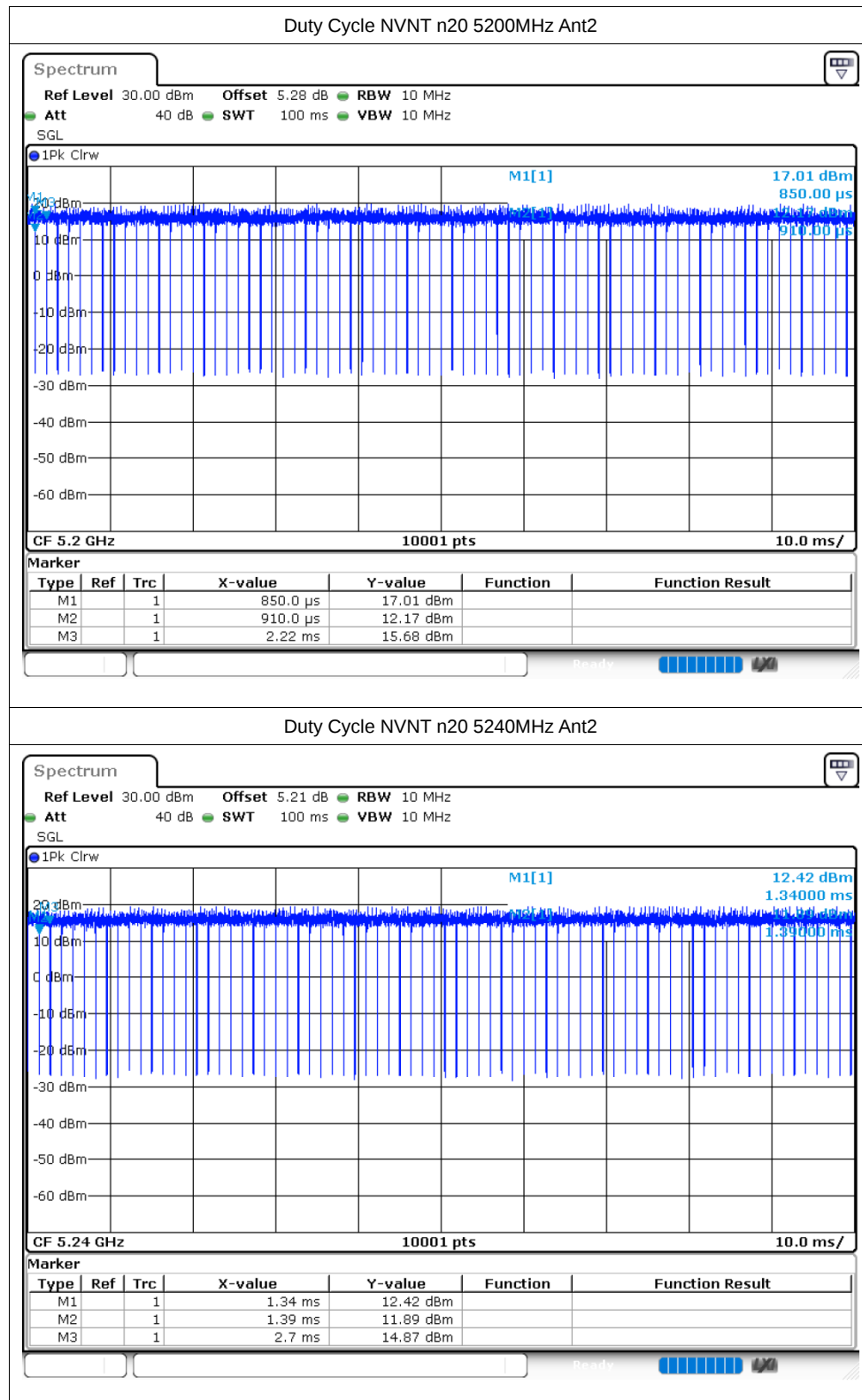


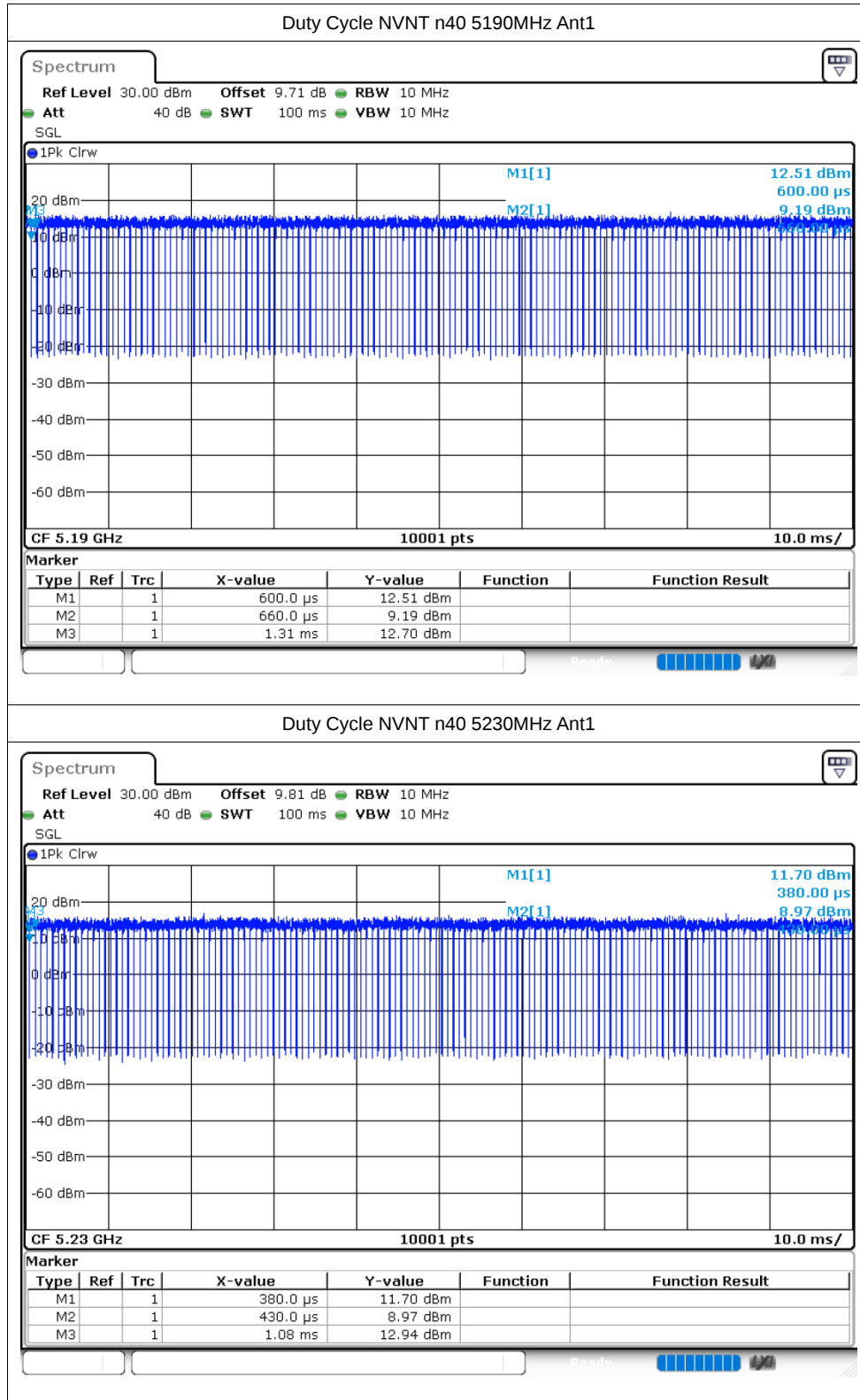


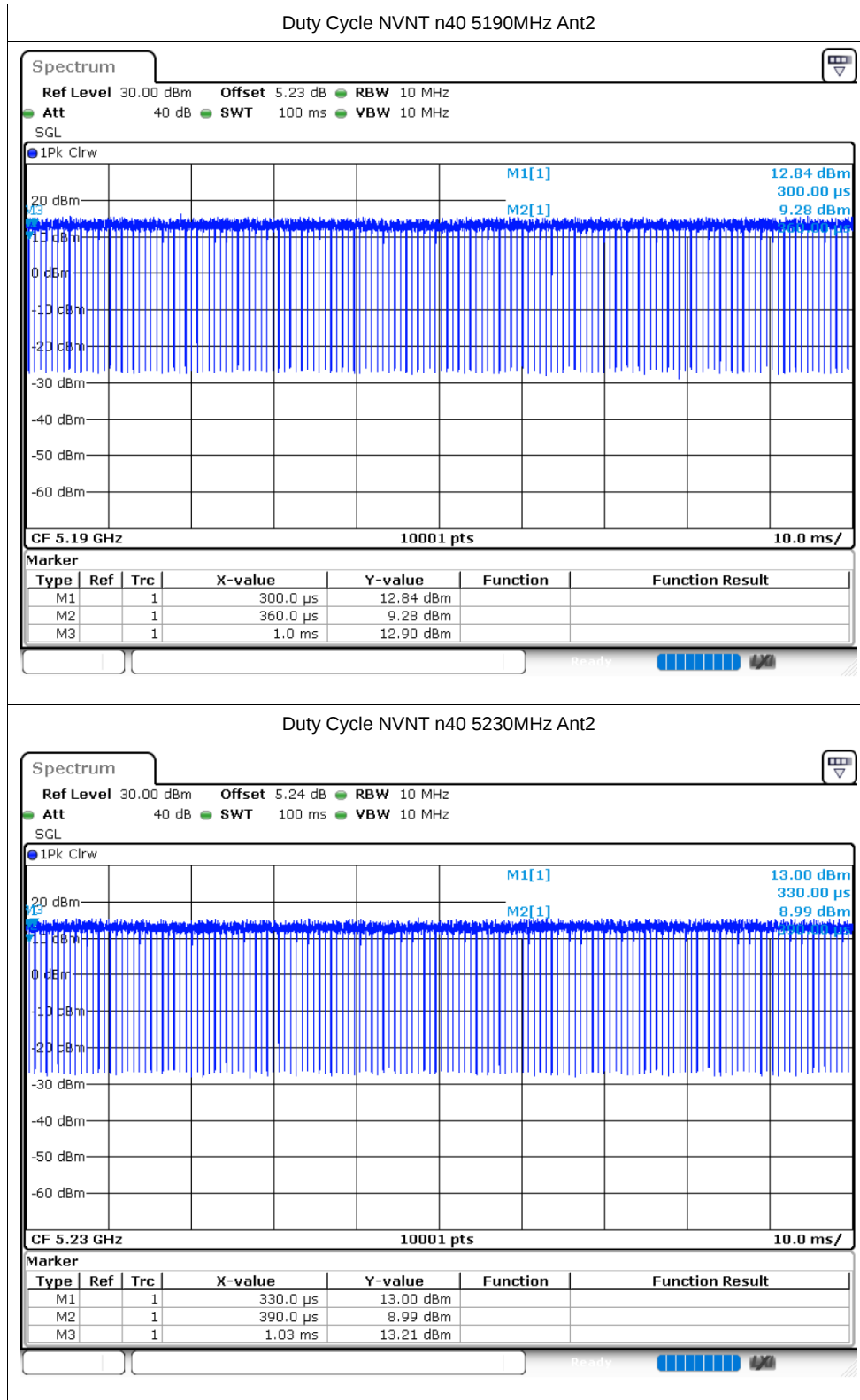


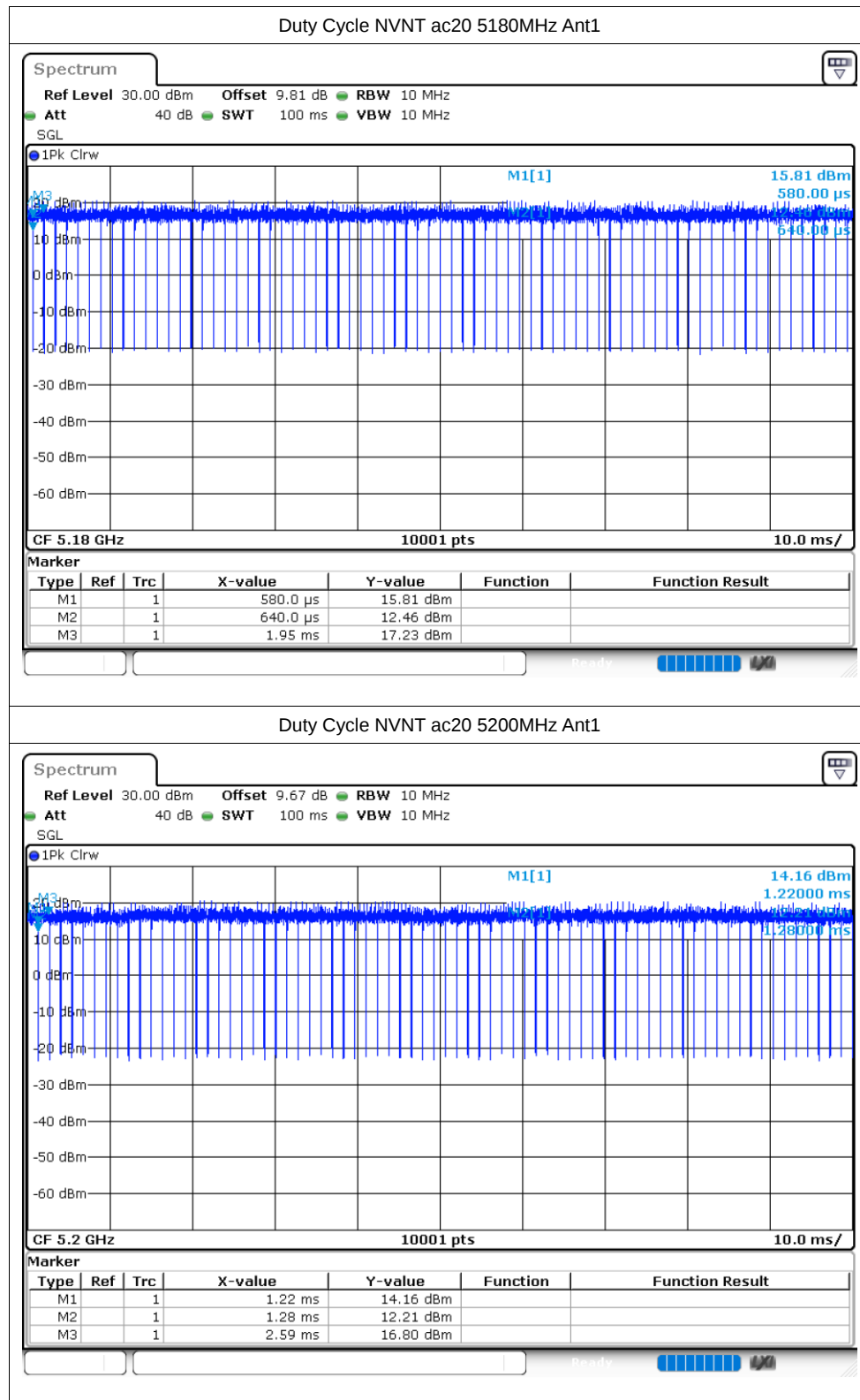


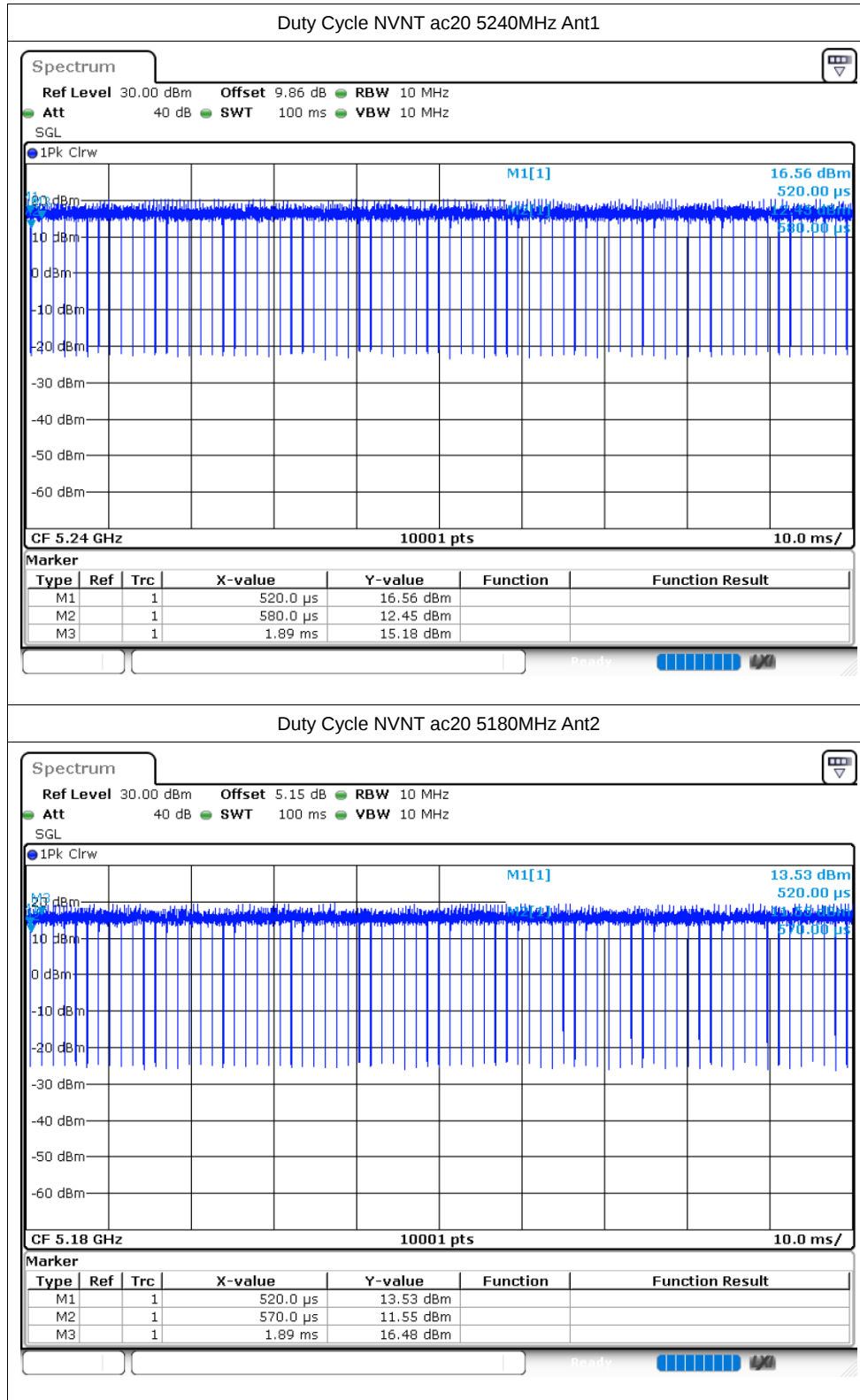


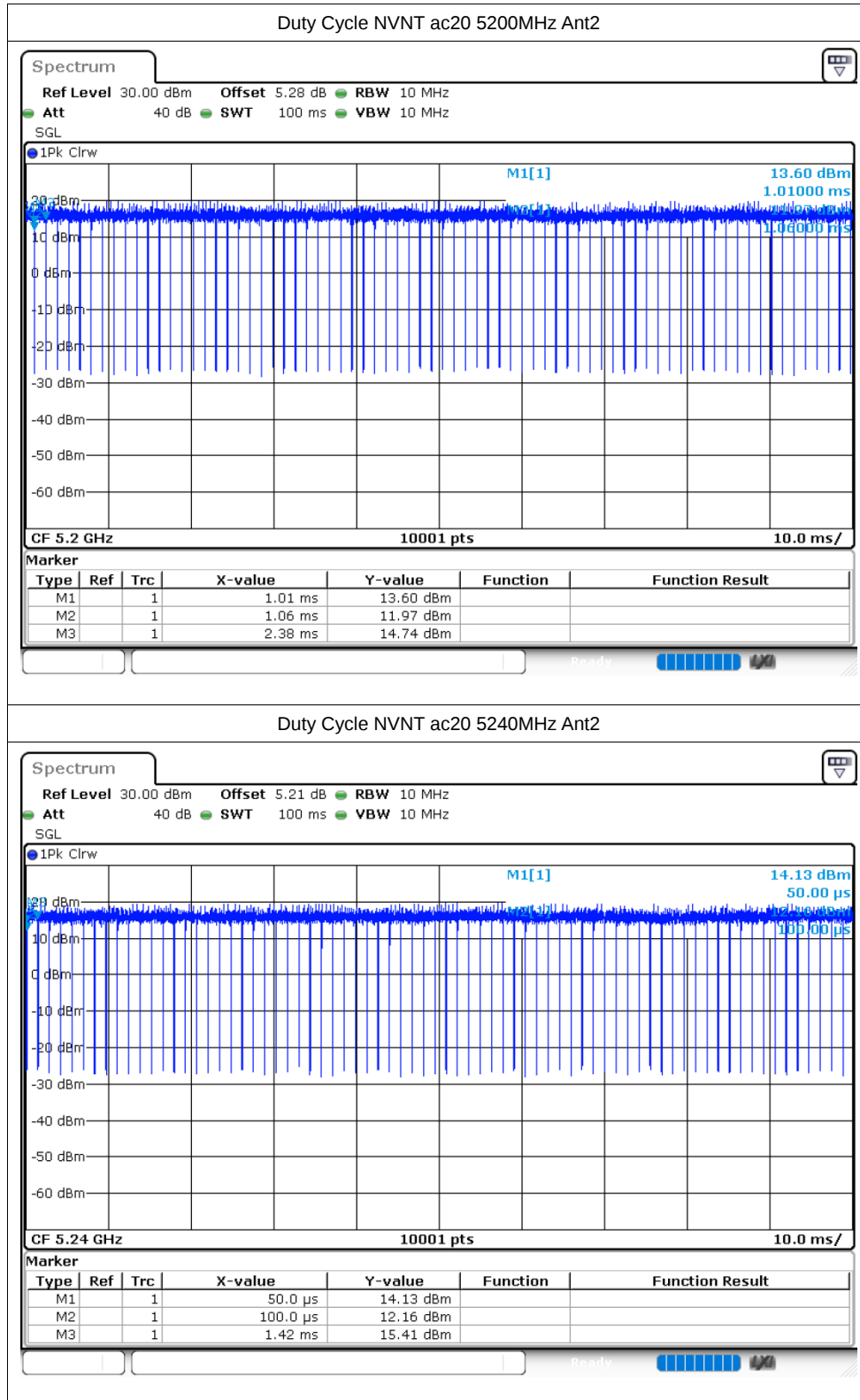


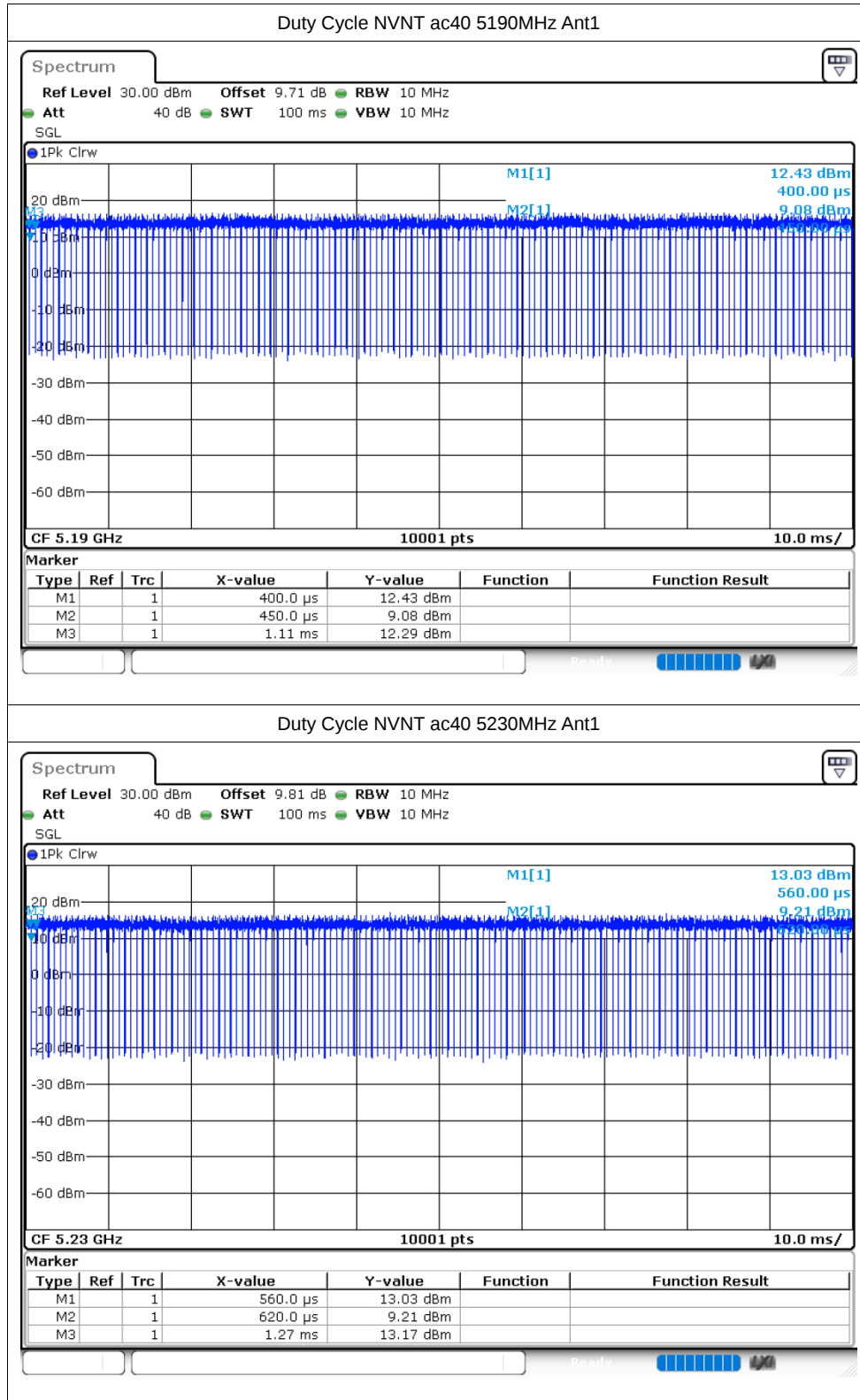


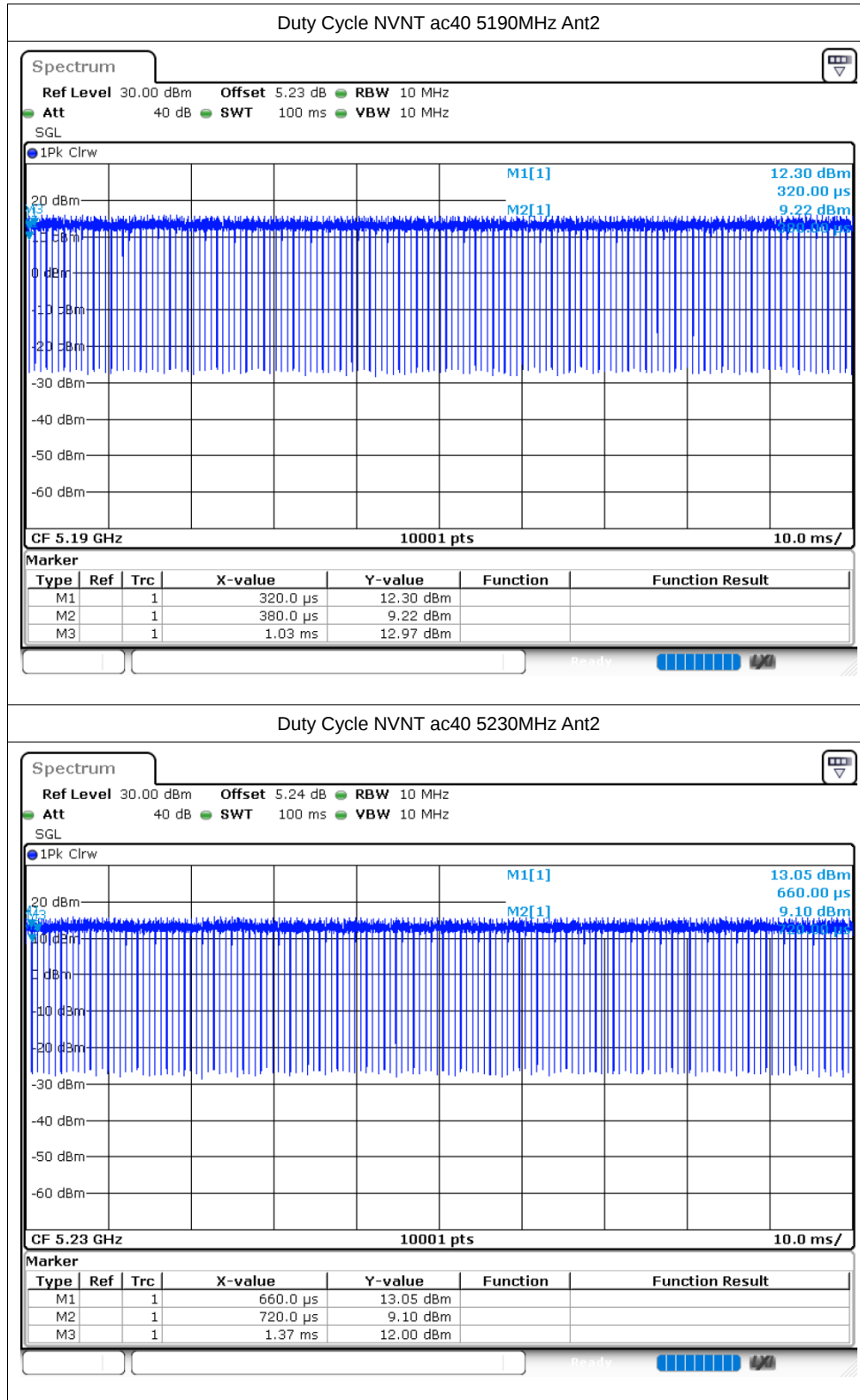


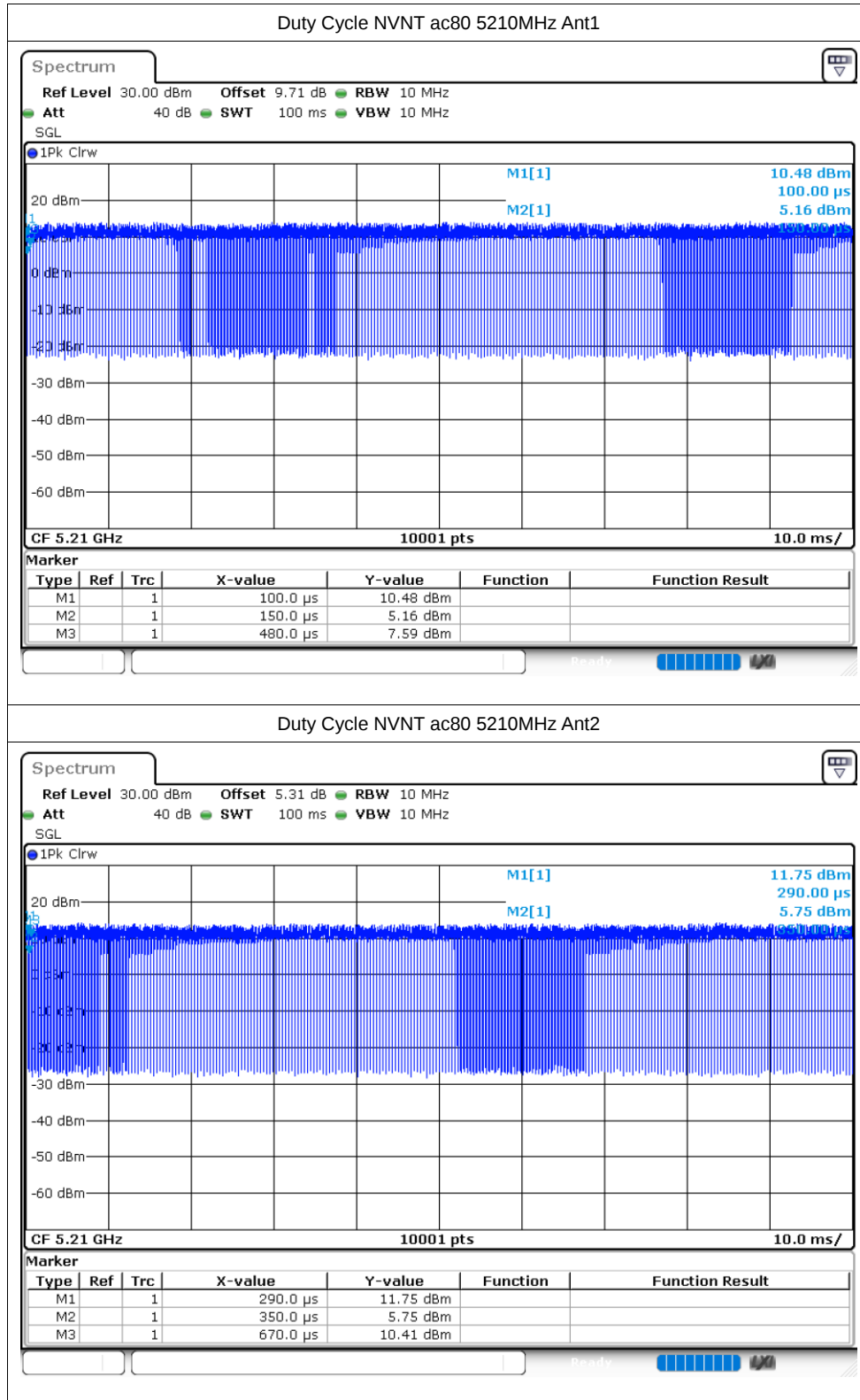












## Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5180               | Ant1    | 9.39                     | 0.14                | 9.53                 | 24             | Pass    |
| NVNT      | a    | 5200               | Ant1    | 9.64                     | 0.14                | 9.78                 | 24             | Pass    |
| NVNT      | a    | 5240               | Ant1    | 9.21                     | 0.14                | 9.35                 | 24             | Pass    |
| NVNT      | a    | 5180               | Ant2    | 9.97                     | 0.14                | 10.11                | 24             | Pass    |
| NVNT      | a    | 5200               | Ant2    | 9.48                     | 0.14                | 9.62                 | 24             | Pass    |
| NVNT      | a    | 5240               | Ant2    | 9.86                     | 0.14                | 10                   | 24             | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 9.24                     | 0.15                | 9.39                 | 24             | Pass    |
| NVNT      | n20  | 5200               | Ant1    | 9.43                     | 0.15                | 9.58                 | 24             | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 9.04                     | 0.15                | 9.19                 | 24             | Pass    |
| NVNT      | n20  | 5180               | Ant2    | 9.64                     | 0.15                | 9.79                 | 24             | Pass    |
| NVNT      | n20  | 5200               | Ant2    | 9.24                     | 0.15                | 9.39                 | 24             | Pass    |
| NVNT      | n20  | 5240               | Ant2    | 9.65                     | 0.15                | 9.8                  | 24             | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 9.52                     | 0.29                | 9.81                 | 24             | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 9.39                     | 0.29                | 9.68                 | 24             | Pass    |
| NVNT      | n40  | 5190               | Ant2    | 9.38                     | 0.29                | 9.67                 | 24             | Pass    |
| NVNT      | n40  | 5230               | Ant2    | 9.61                     | 0.29                | 9.9                  | 24             | Pass    |
| NVNT      | ac20 | 5180               | Ant1    | 9.26                     | 0.15                | 9.41                 | 24             | Pass    |
| NVNT      | ac20 | 5200               | Ant1    | 9.44                     | 0.14                | 9.58                 | 24             | Pass    |
| NVNT      | ac20 | 5240               | Ant1    | 9                        | 0.15                | 9.15                 | 24             | Pass    |
| NVNT      | ac20 | 5180               | Ant2    | 9.74                     | 0.15                | 9.89                 | 24             | Pass    |
| NVNT      | ac20 | 5200               | Ant2    | 9.31                     | 0.15                | 9.46                 | 24             | Pass    |
| NVNT      | ac20 | 5240               | Ant2    | 9.72                     | 0.15                | 9.87                 | 24             | Pass    |
| NVNT      | ac40 | 5190               | Ant1    | 9.51                     | 0.28                | 9.79                 | 24             | Pass    |
| NVNT      | ac40 | 5230               | Ant1    | 9.38                     | 0.28                | 9.66                 | 24             | Pass    |
| NVNT      | ac40 | 5190               | Ant2    | 9.51                     | 0.28                | 9.79                 | 24             | Pass    |
| NVNT      | ac40 | 5230               | Ant2    | 9.65                     | 0.28                | 9.93                 | 24             | Pass    |
| NVNT      | ac80 | 5210               | Ant1    | 9.21                     | 0.55                | 9.76                 | 24             | Pass    |
| NVNT      | ac80 | 5210               | Ant2    | 9.7                      | 0.55                | 10.25                | 24             | Pass    |

## -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 19.566                 | Pass    |
| NVNT      | a    | 5200            | Ant1    | 19.773                 | Pass    |
| NVNT      | a    | 5240            | Ant1    | 19.368                 | Pass    |
| NVNT      | a    | 5180            | Ant2    | 19.731                 | Pass    |
| NVNT      | a    | 5200            | Ant2    | 19.986                 | Pass    |
| NVNT      | a    | 5240            | Ant2    | 20.088                 | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 20.31                  | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 20.382                 | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 20.484                 | Pass    |
| NVNT      | n20  | 5180            | Ant2    | 20.247                 | Pass    |
| NVNT      | n20  | 5200            | Ant2    | 20.025                 | Pass    |
| NVNT      | n20  | 5240            | Ant2    | 20.25                  | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 40.578                 | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 40.536                 | Pass    |
| NVNT      | n40  | 5190            | Ant2    | 40.494                 | Pass    |
| NVNT      | n40  | 5230            | Ant2    | 40.506                 | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 20.187                 | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 20.169                 | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 20.079                 | Pass    |
| NVNT      | ac20 | 5180            | Ant2    | 20.364                 | Pass    |
| NVNT      | ac20 | 5200            | Ant2    | 20.139                 | Pass    |
| NVNT      | ac20 | 5240            | Ant2    | 20.229                 | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 40.362                 | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 40.446                 | Pass    |
| NVNT      | ac40 | 5190            | Ant2    | 40.476                 | Pass    |
| NVNT      | ac40 | 5230            | Ant2    | 40.5                   | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 81.18                  | Pass    |
| NVNT      | ac80 | 5210            | Ant2    | 81.036                 | Pass    |

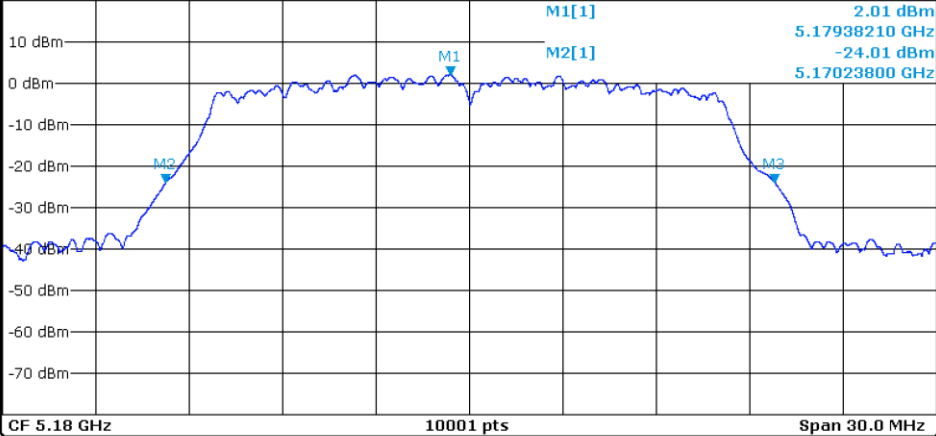
# Test Graphs

## -26dB Bandwidth NVNT a 5180MHz Ant1

### Spectrum

Ref Level 20.00 dBm Offset 9.81 dB RBW 300 kHz  
 Att 30 dB SWT 25.4  $\mu$ s VBW 1 MHz Mode Auto FFT  
 SGL Count 100/100

1Pk Max



### Marker

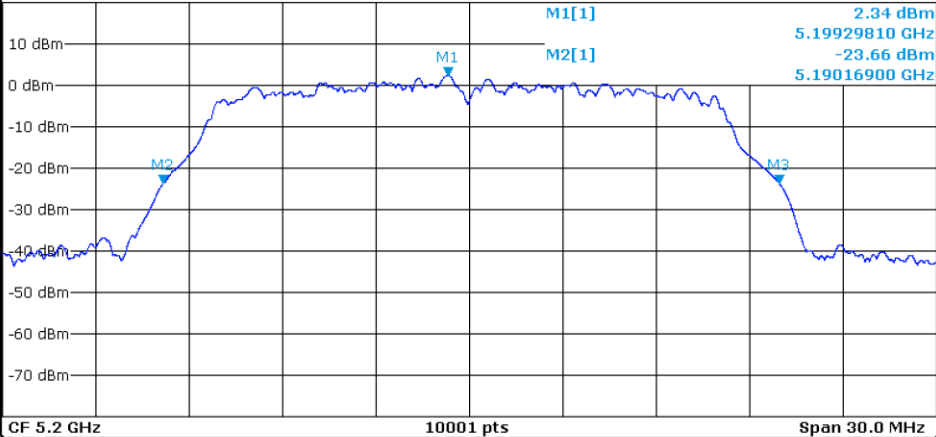
| Type | Ref | Trc | X-value       | Y-value    | Function | Function Result |
|------|-----|-----|---------------|------------|----------|-----------------|
| M1   | 1   |     | 5.1793821 GHz | 2.01 dBm   |          |                 |
| M2   | 1   |     | 5.170238 GHz  | -24.01 dBm |          |                 |
| M3   | 1   |     | 5.189804 GHz  | -23.98 dBm |          |                 |

## -26dB Bandwidth NVNT a 5200MHz Ant1

### Spectrum

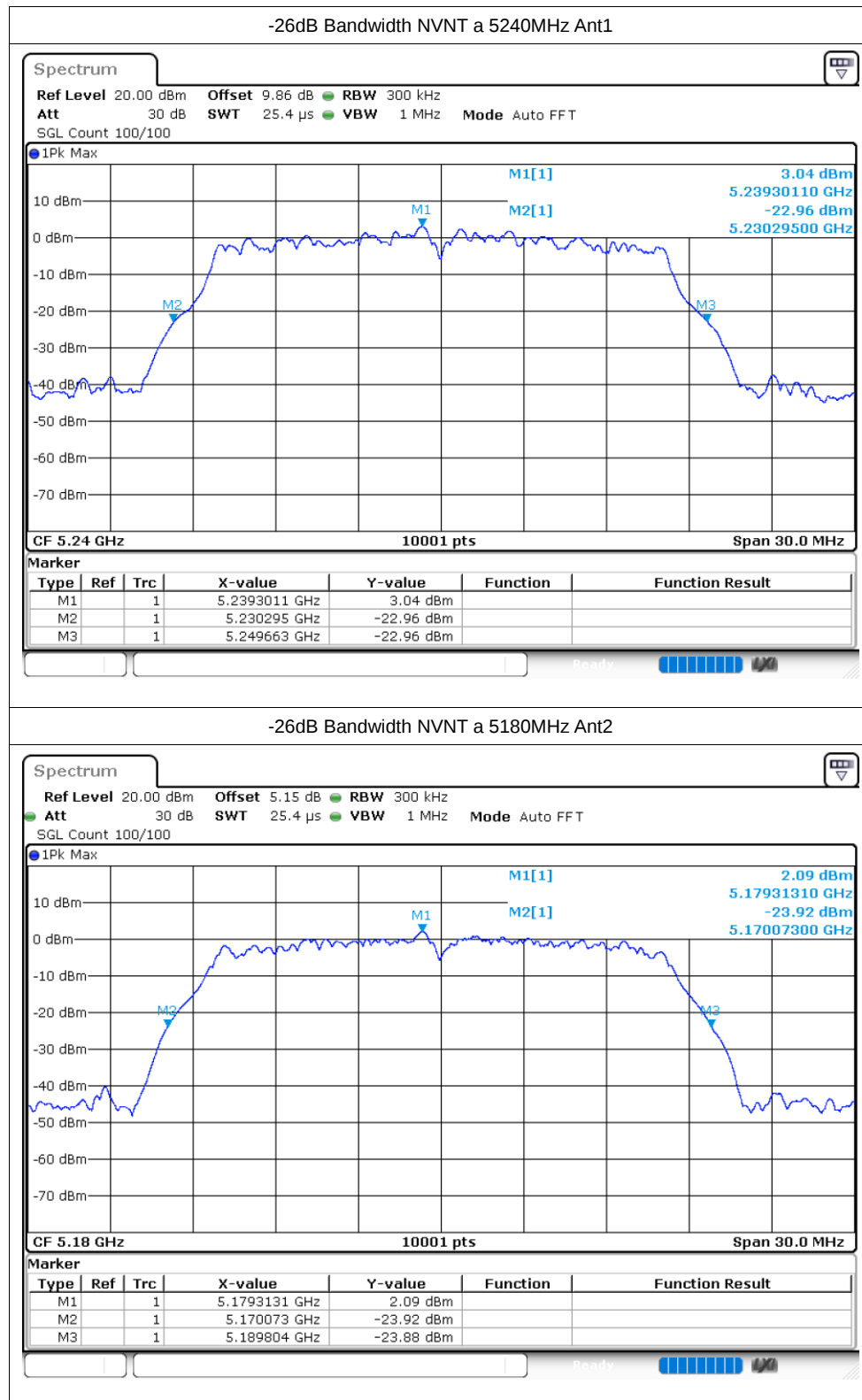
Ref Level 20.00 dBm Offset 9.67 dB RBW 300 kHz  
 Att 30 dB SWT 25.4  $\mu$ s VBW 1 MHz Mode Auto FFT  
 SGL Count 100/100

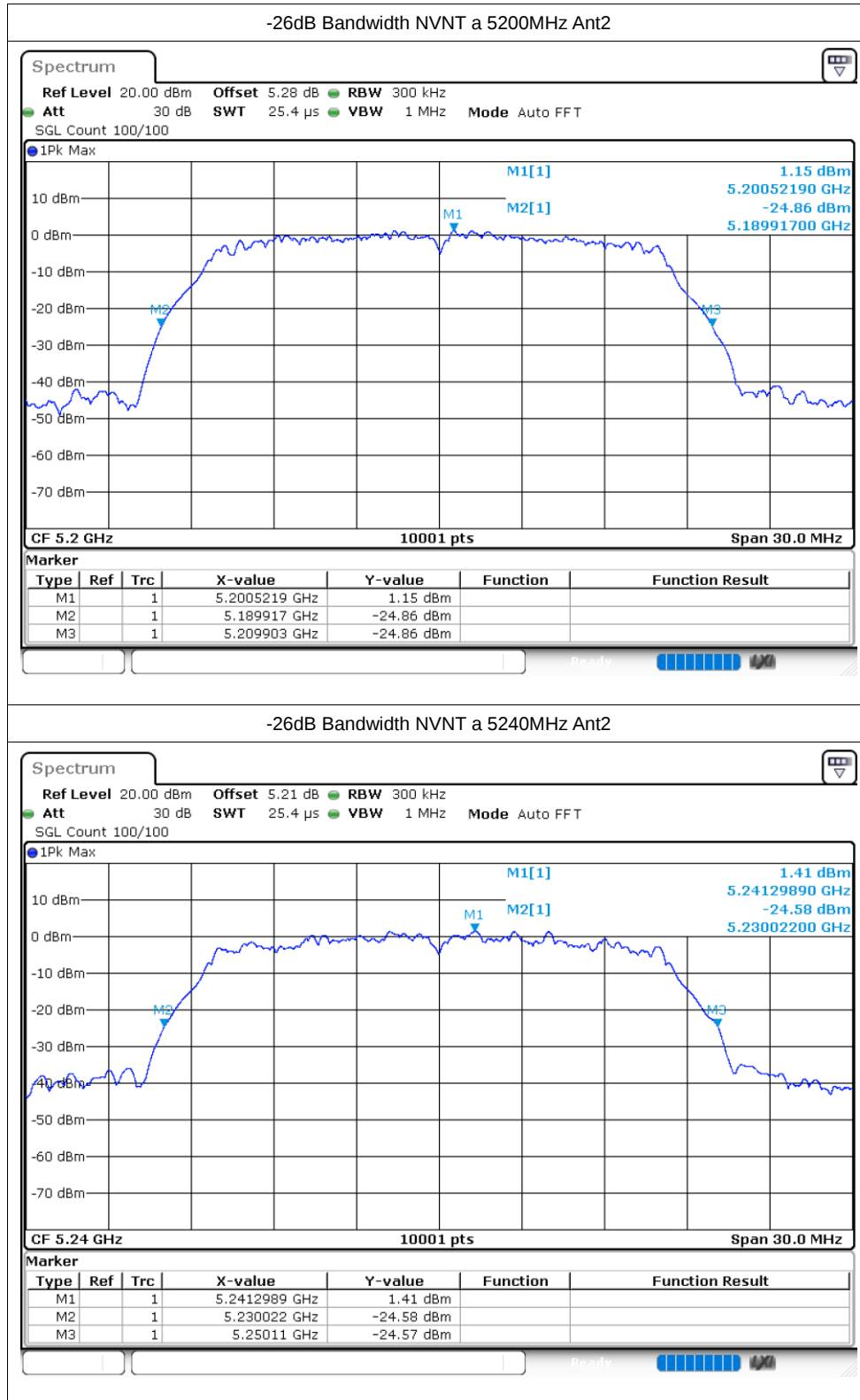
1Pk Max

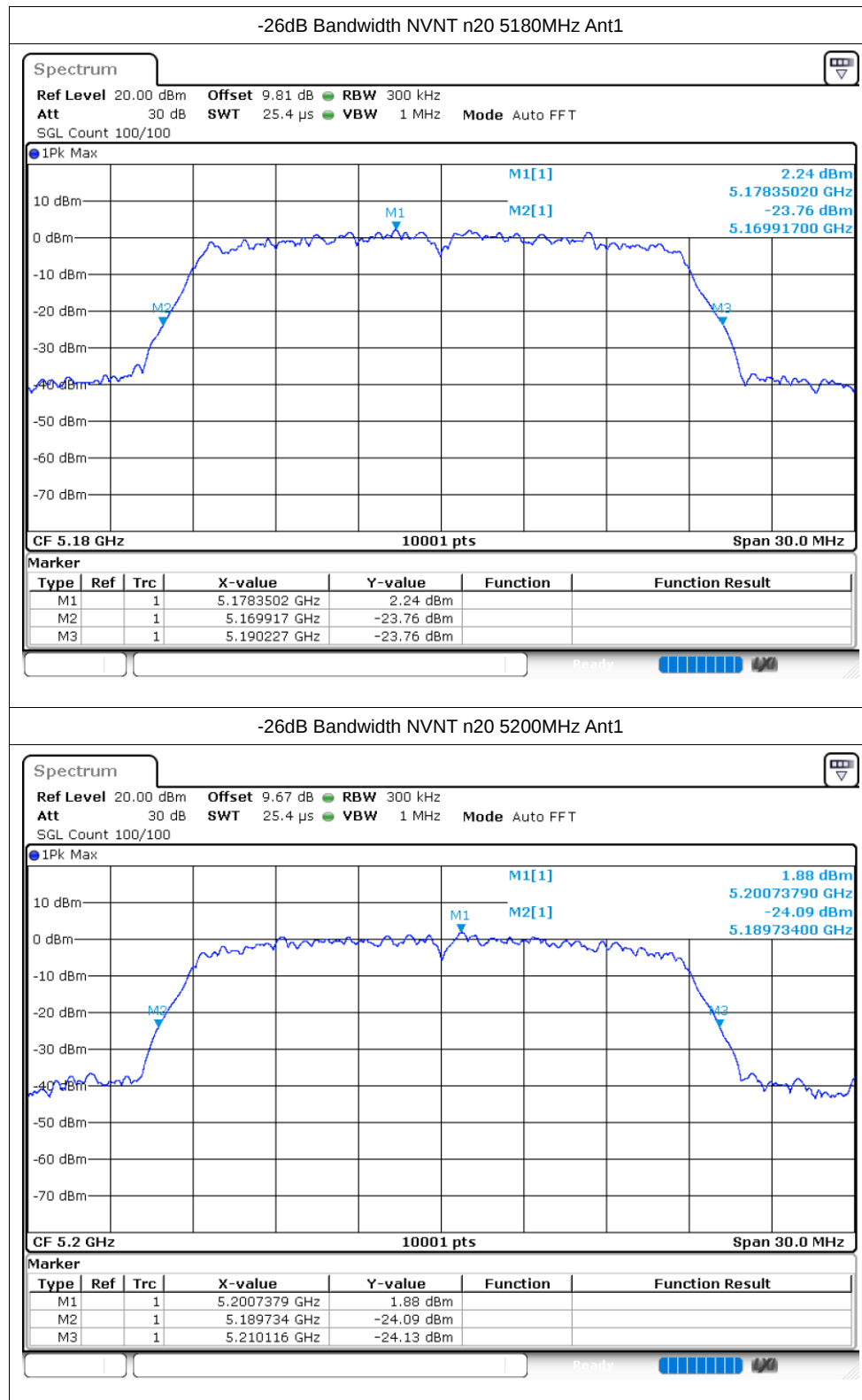


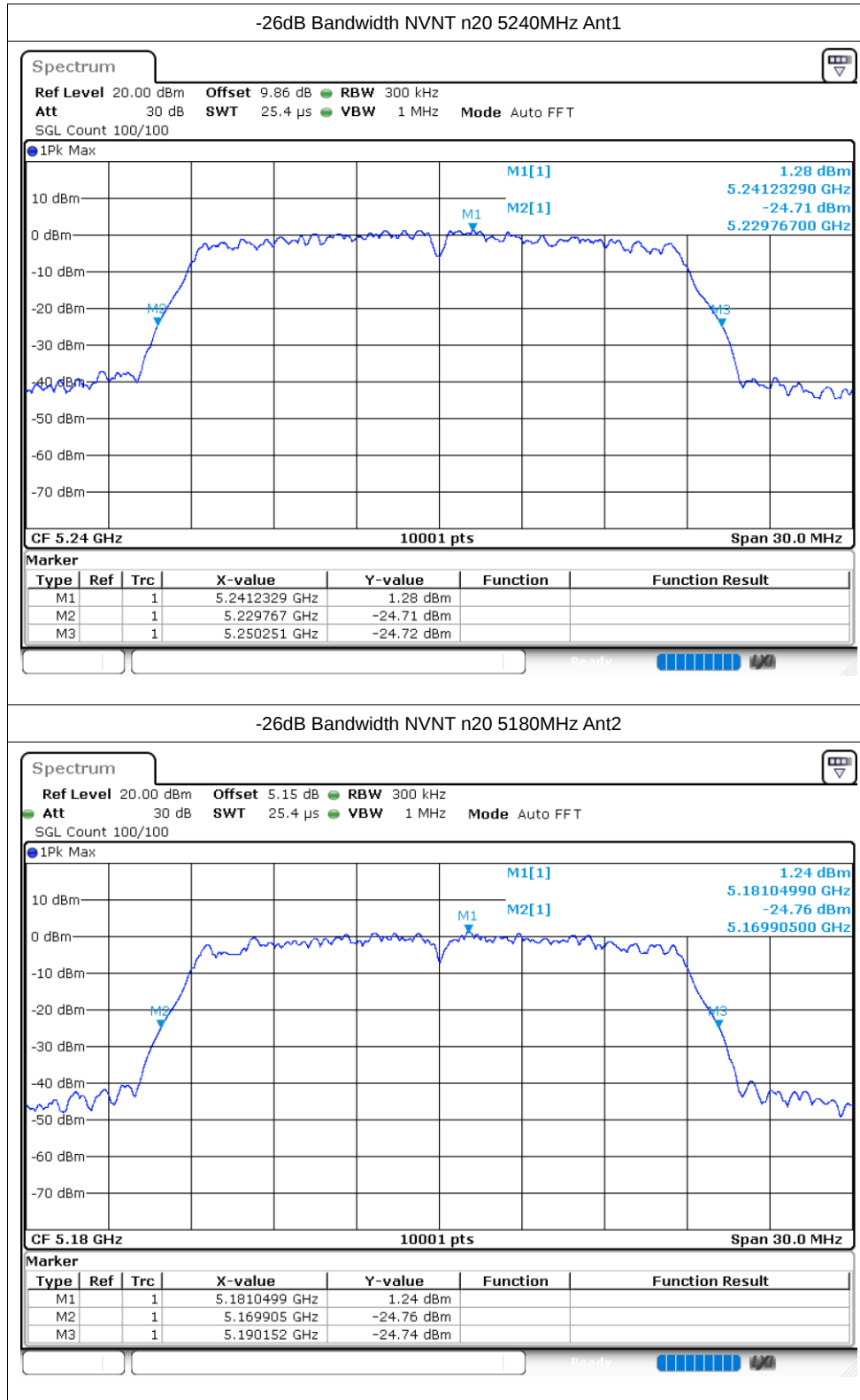
### Marker

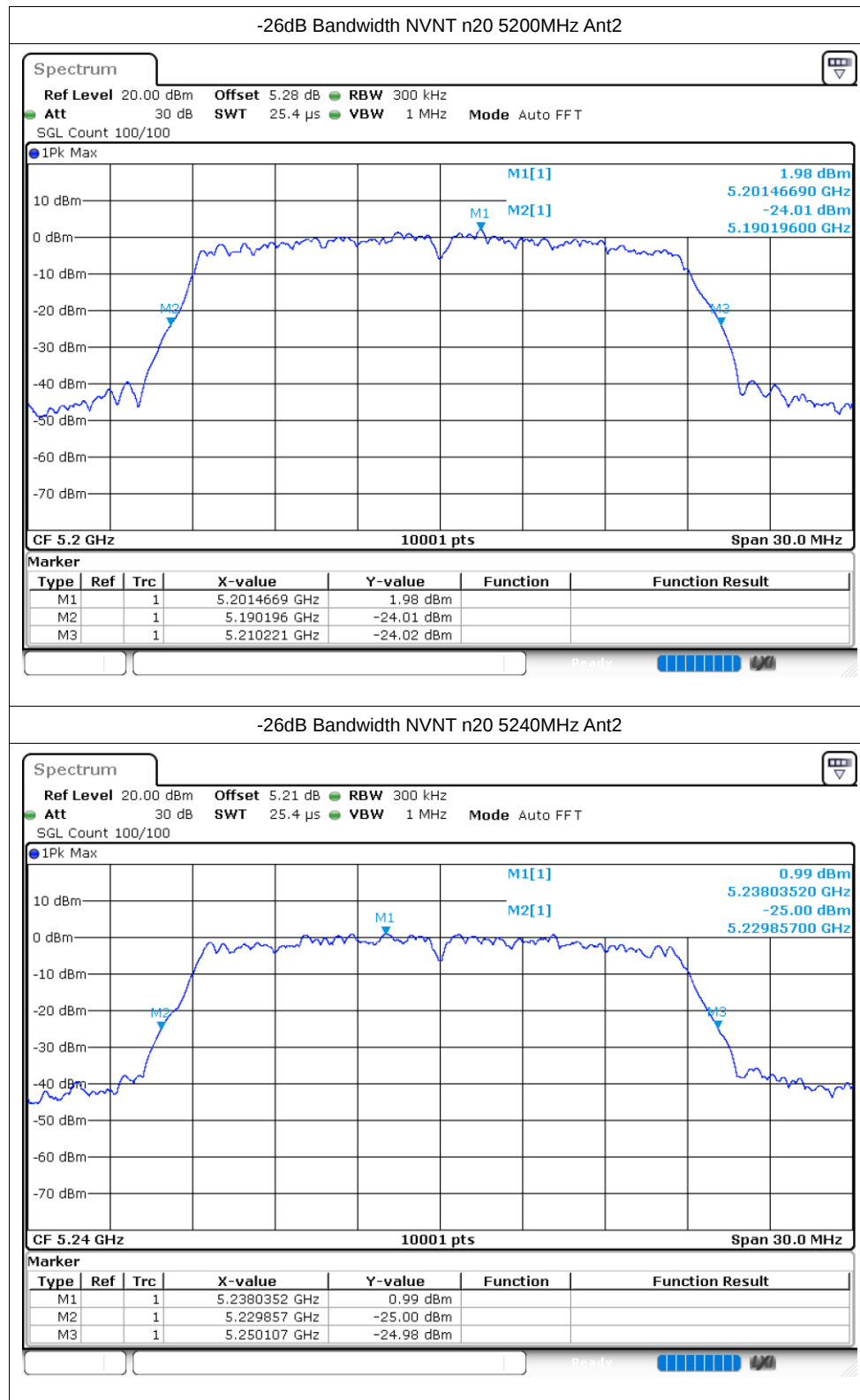
| Type | Ref | Trc | X-value       | Y-value    | Function | Function Result |
|------|-----|-----|---------------|------------|----------|-----------------|
| M1   | 1   |     | 5.1992981 GHz | 2.34 dBm   |          |                 |
| M2   | 1   |     | 5.190169 GHz  | -23.66 dBm |          |                 |
| M3   | 1   |     | 5.209942 GHz  | -23.65 dBm |          |                 |

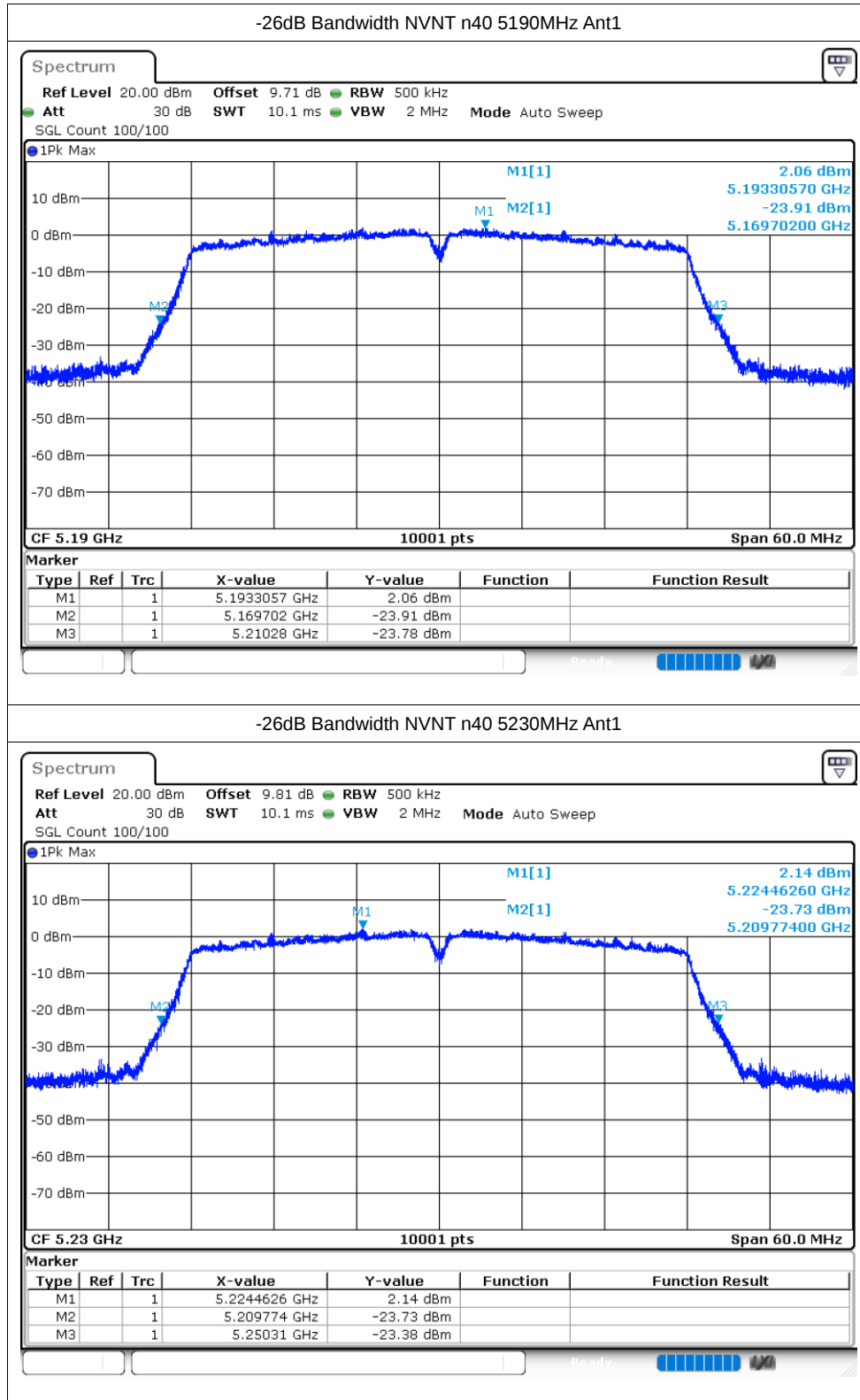


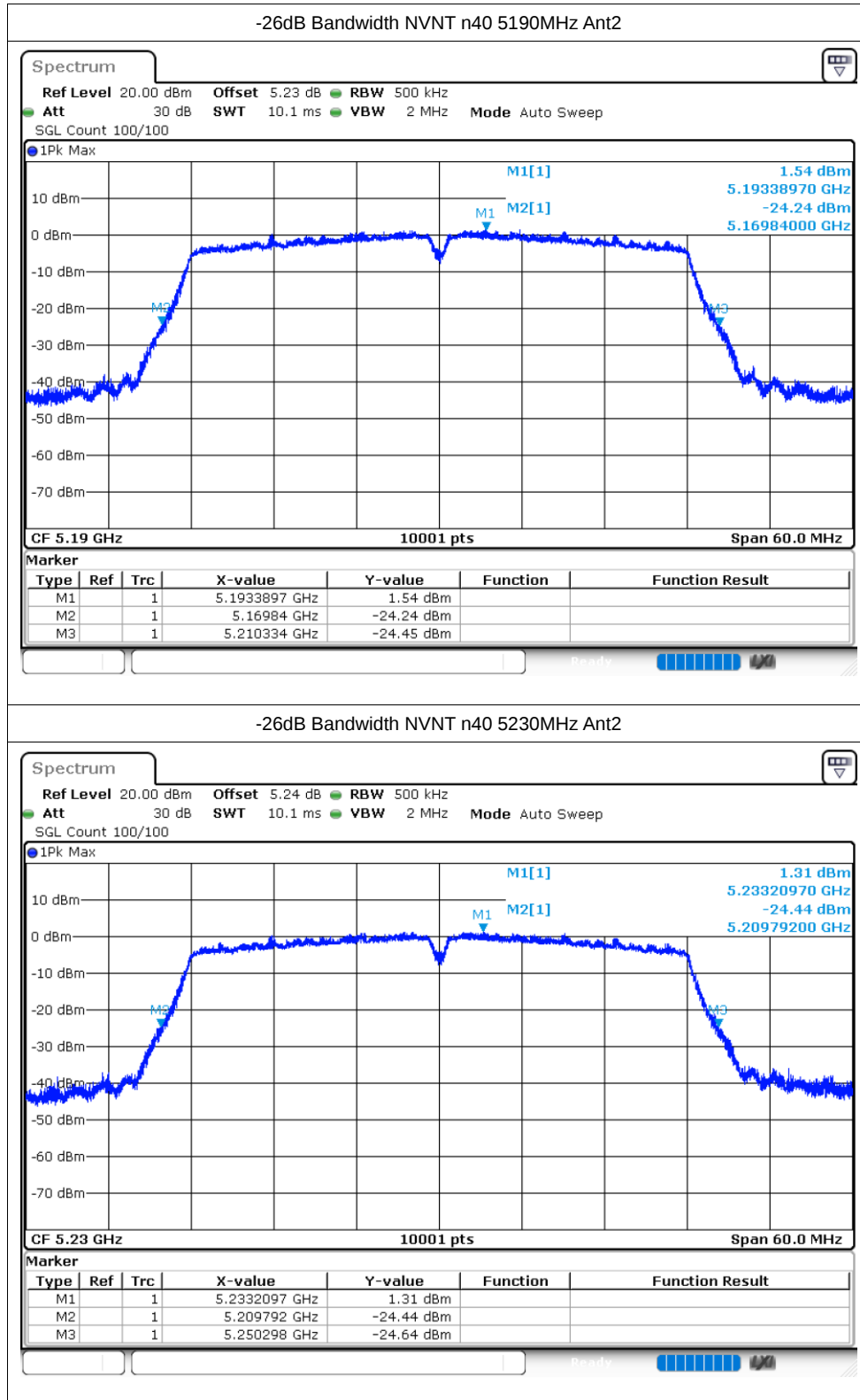


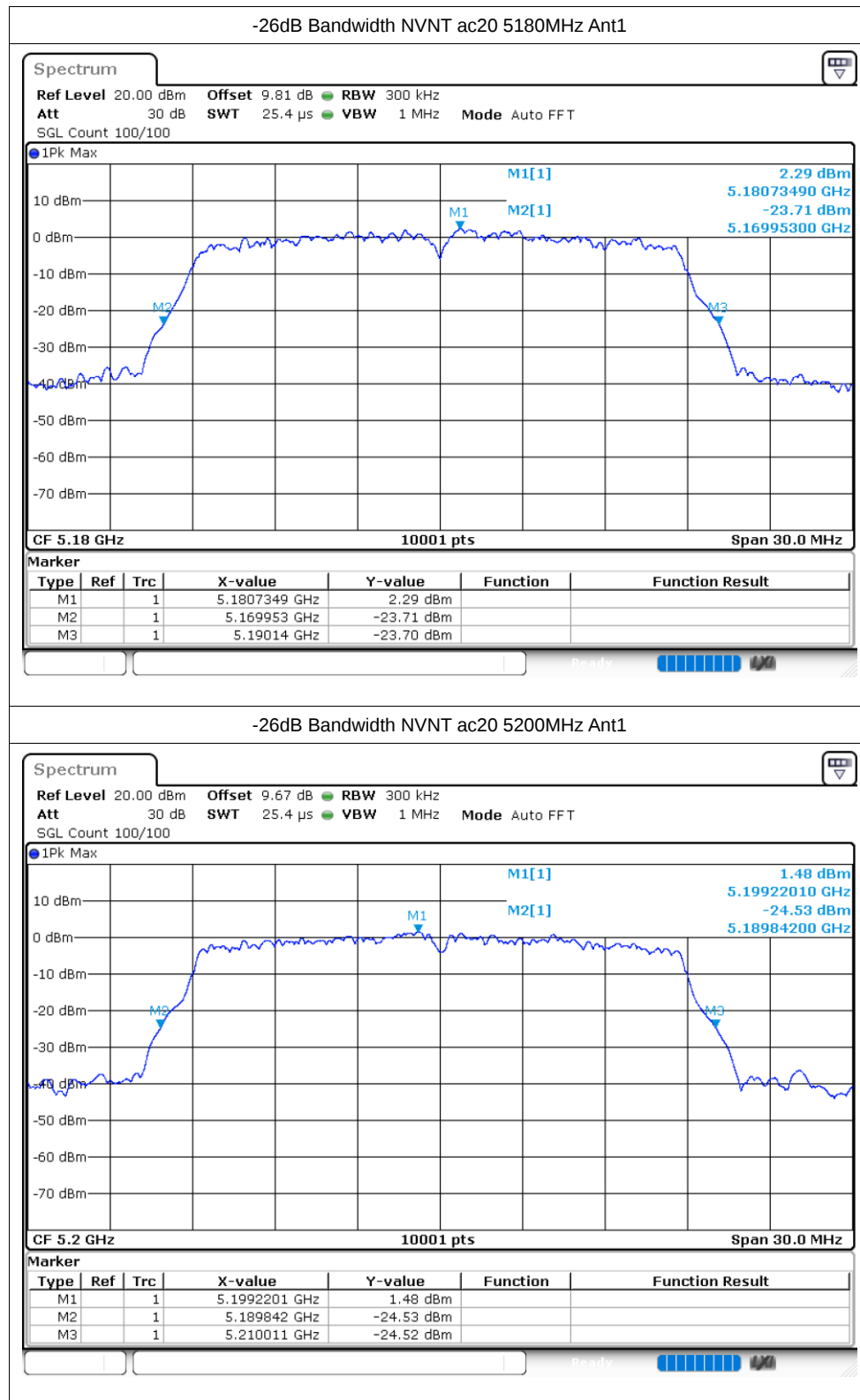


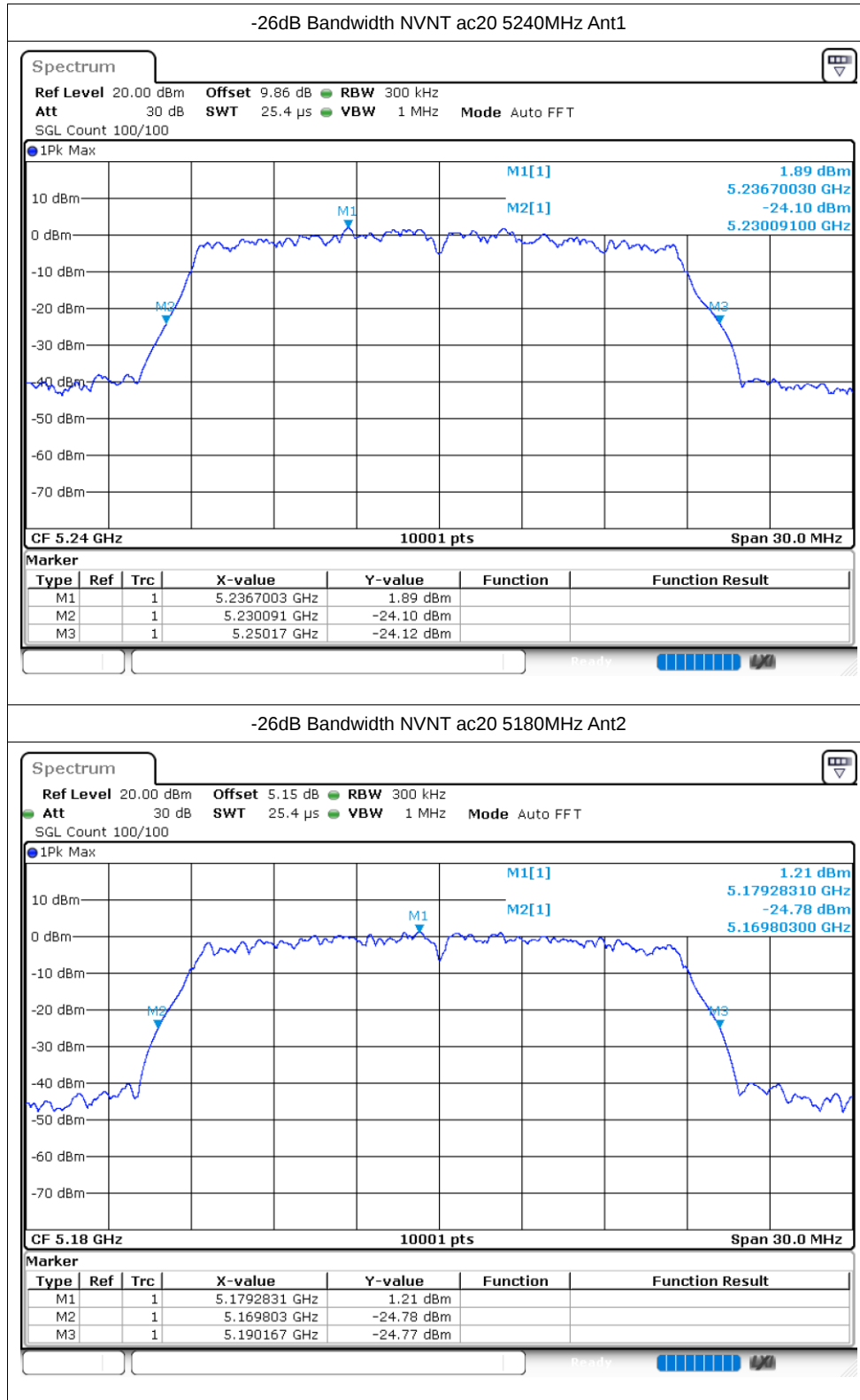


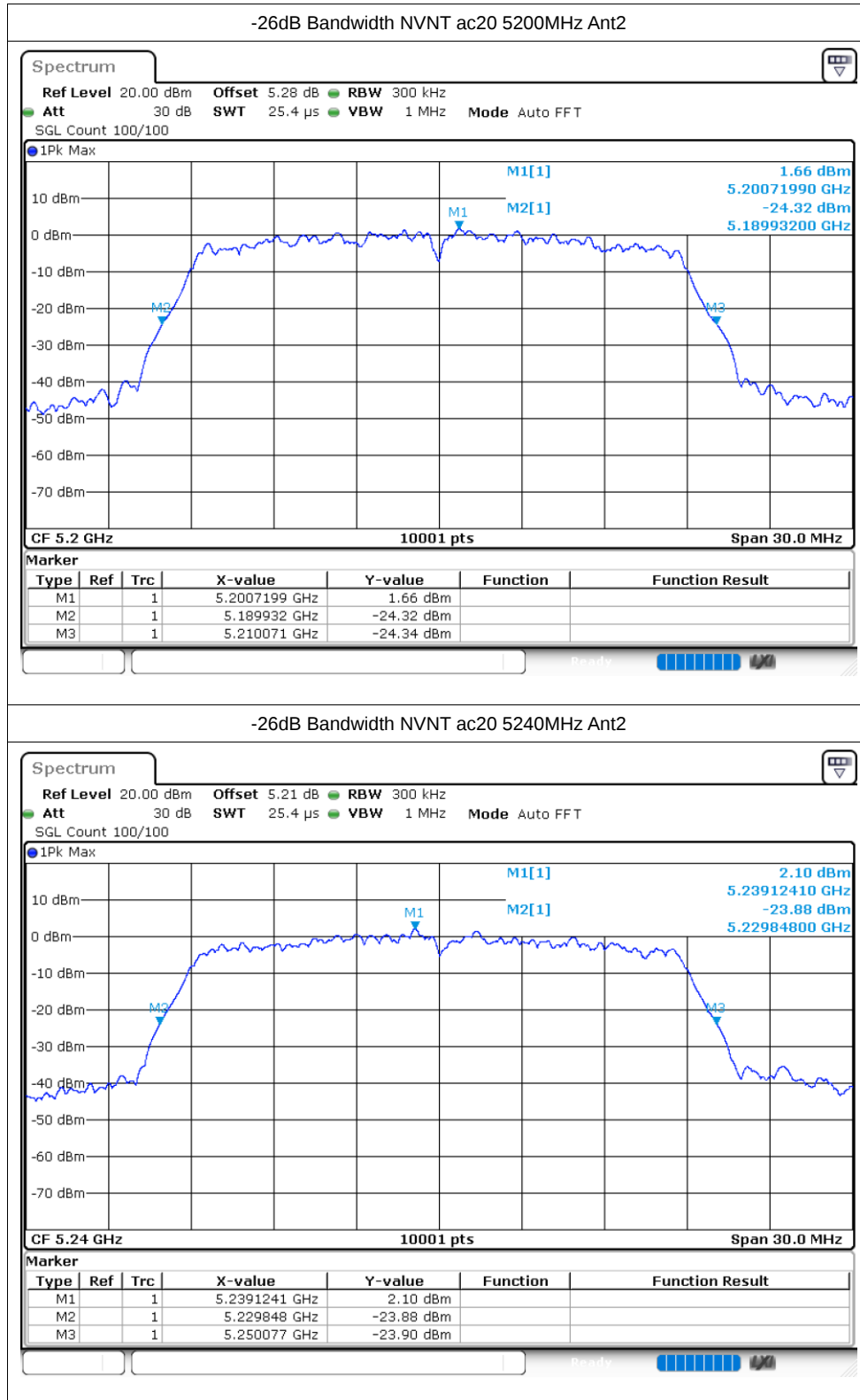


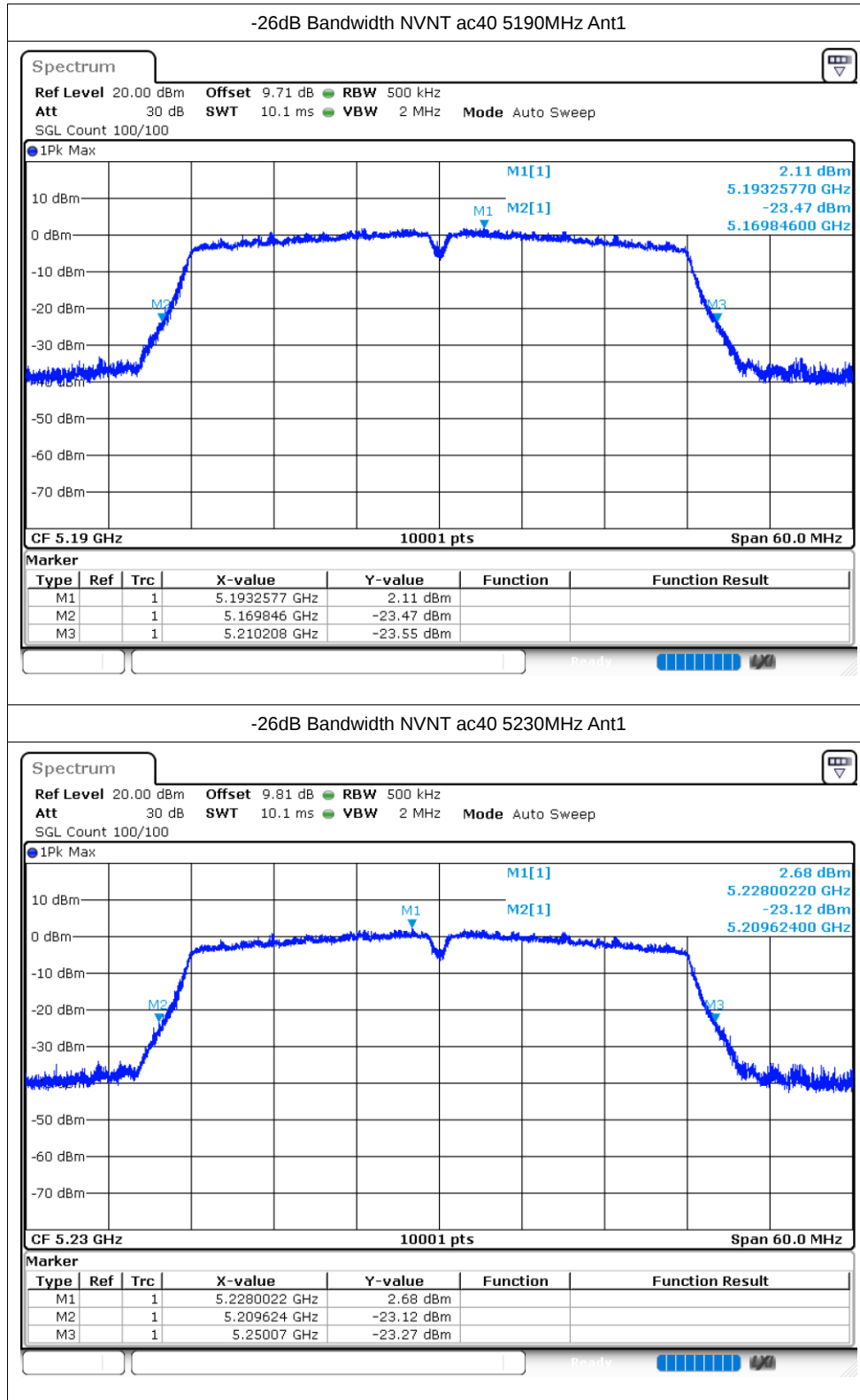


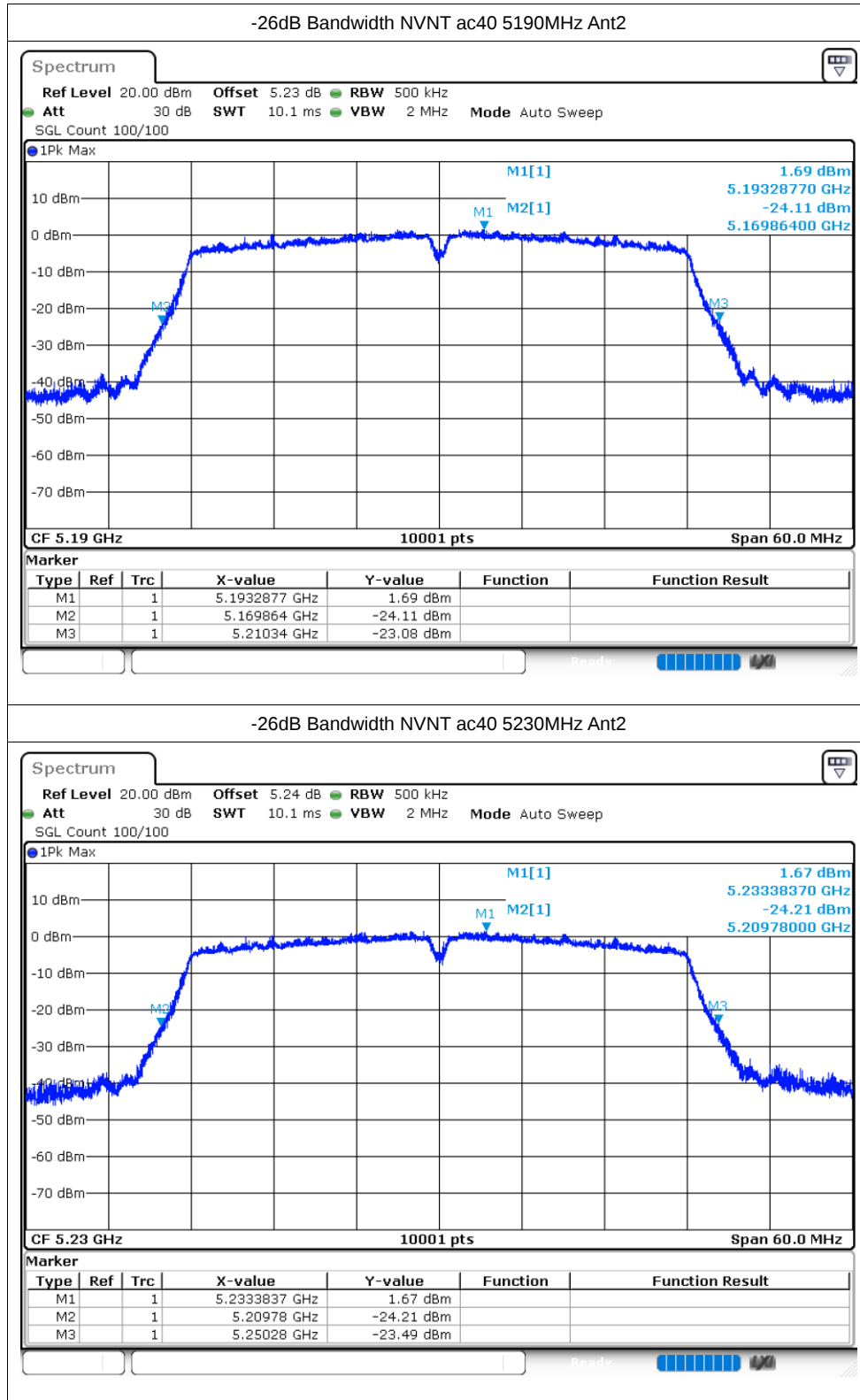


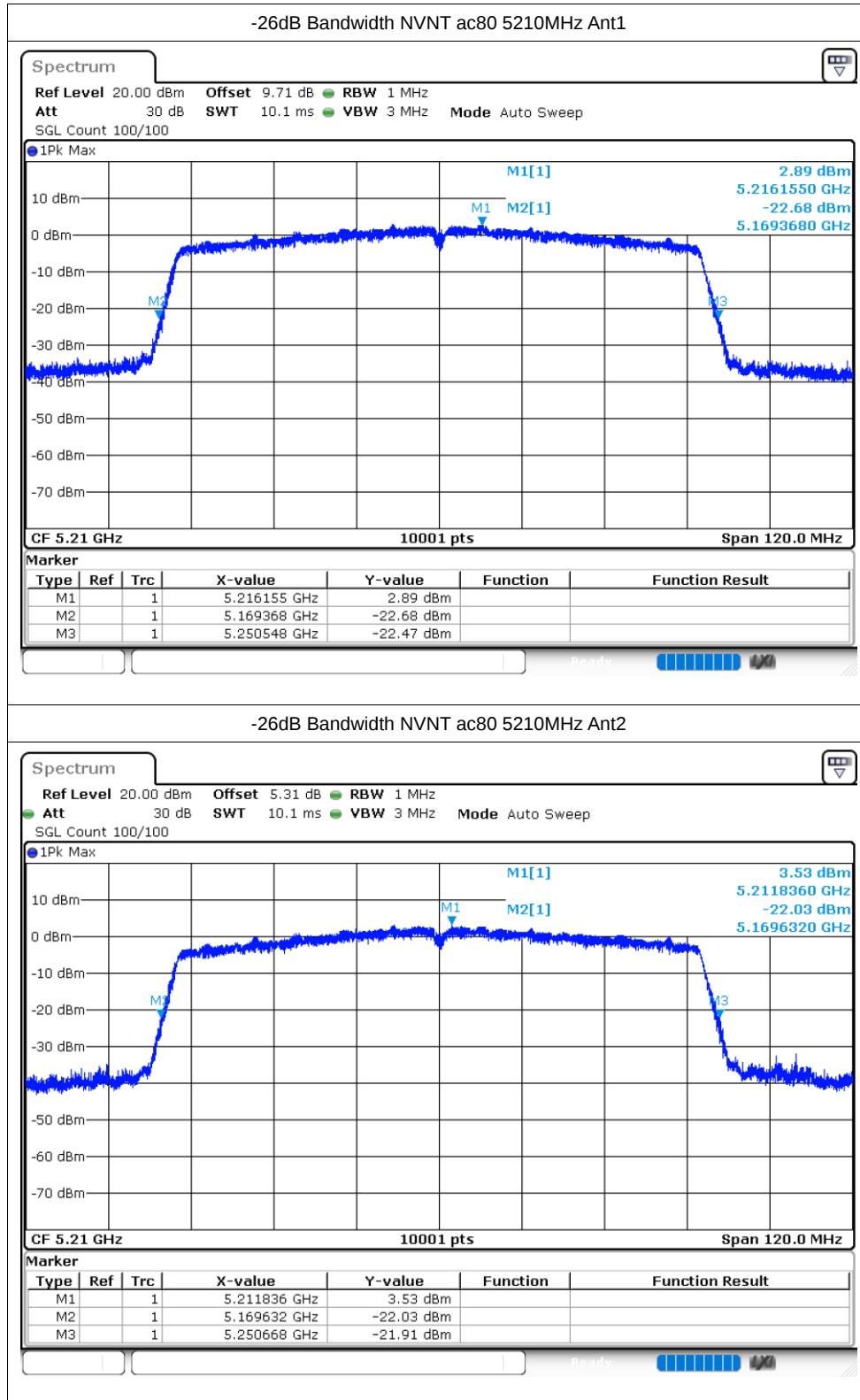










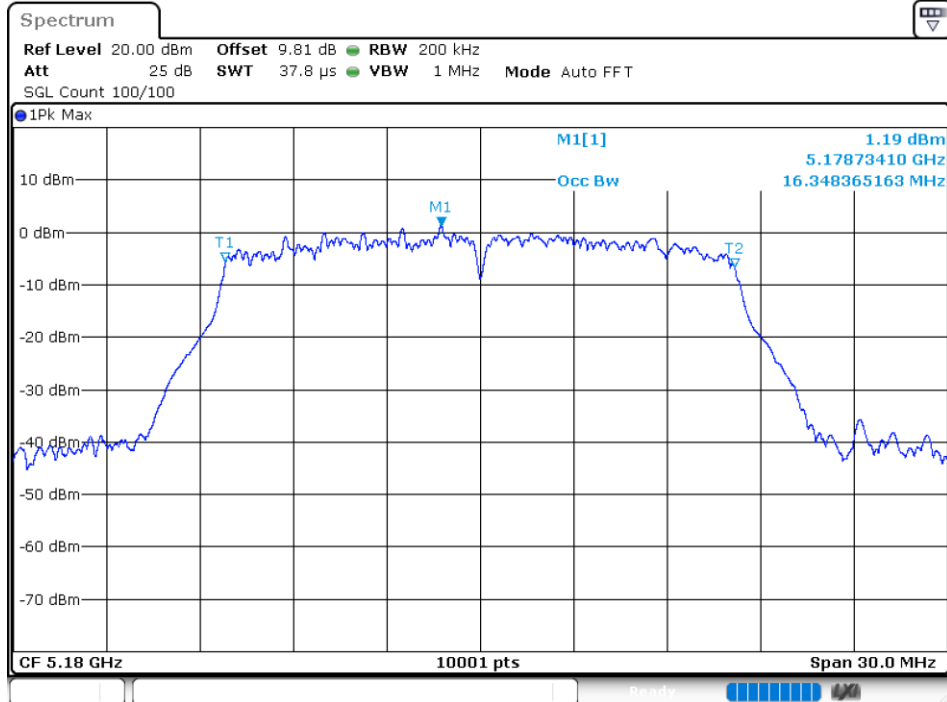


## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5180            | Ant1    | 16.348        |
| NVNT      | a    | 5200            | Ant1    | 16.36         |
| NVNT      | a    | 5240            | Ant1    | 16.372        |
| NVNT      | a    | 5180            | Ant2    | 16.336        |
| NVNT      | a    | 5200            | Ant2    | 16.45         |
| NVNT      | a    | 5240            | Ant2    | 16.363        |
| NVNT      | n20  | 5180            | Ant1    | 17.587        |
| NVNT      | n20  | 5200            | Ant1    | 17.551        |
| NVNT      | n20  | 5240            | Ant1    | 17.62         |
| NVNT      | n20  | 5180            | Ant2    | 17.587        |
| NVNT      | n20  | 5200            | Ant2    | 17.506        |
| NVNT      | n20  | 5240            | Ant2    | 17.524        |
| NVNT      | n40  | 5190            | Ant1    | 36.008        |
| NVNT      | n40  | 5230            | Ant1    | 35.99         |
| NVNT      | n40  | 5190            | Ant2    | 36.02         |
| NVNT      | n40  | 5230            | Ant2    | 35.99         |
| NVNT      | ac20 | 5180            | Ant1    | 17.638        |
| NVNT      | ac20 | 5200            | Ant1    | 17.497        |
| NVNT      | ac20 | 5240            | Ant1    | 17.512        |
| NVNT      | ac20 | 5180            | Ant2    | 17.614        |
| NVNT      | ac20 | 5200            | Ant2    | 17.578        |
| NVNT      | ac20 | 5240            | Ant2    | 17.596        |
| NVNT      | ac40 | 5190            | Ant1    | 36.032        |
| NVNT      | ac40 | 5230            | Ant1    | 35.99         |
| NVNT      | ac40 | 5190            | Ant2    | 35.996        |
| NVNT      | ac40 | 5230            | Ant2    | 35.996        |
| NVNT      | ac80 | 5210            | Ant1    | 74.993        |
| NVNT      | ac80 | 5210            | Ant2    | 74.933        |

# Test Graphs

## OBW NVNT a 5180MHz Ant1



## OBW NVNT a 5200MHz Ant1

