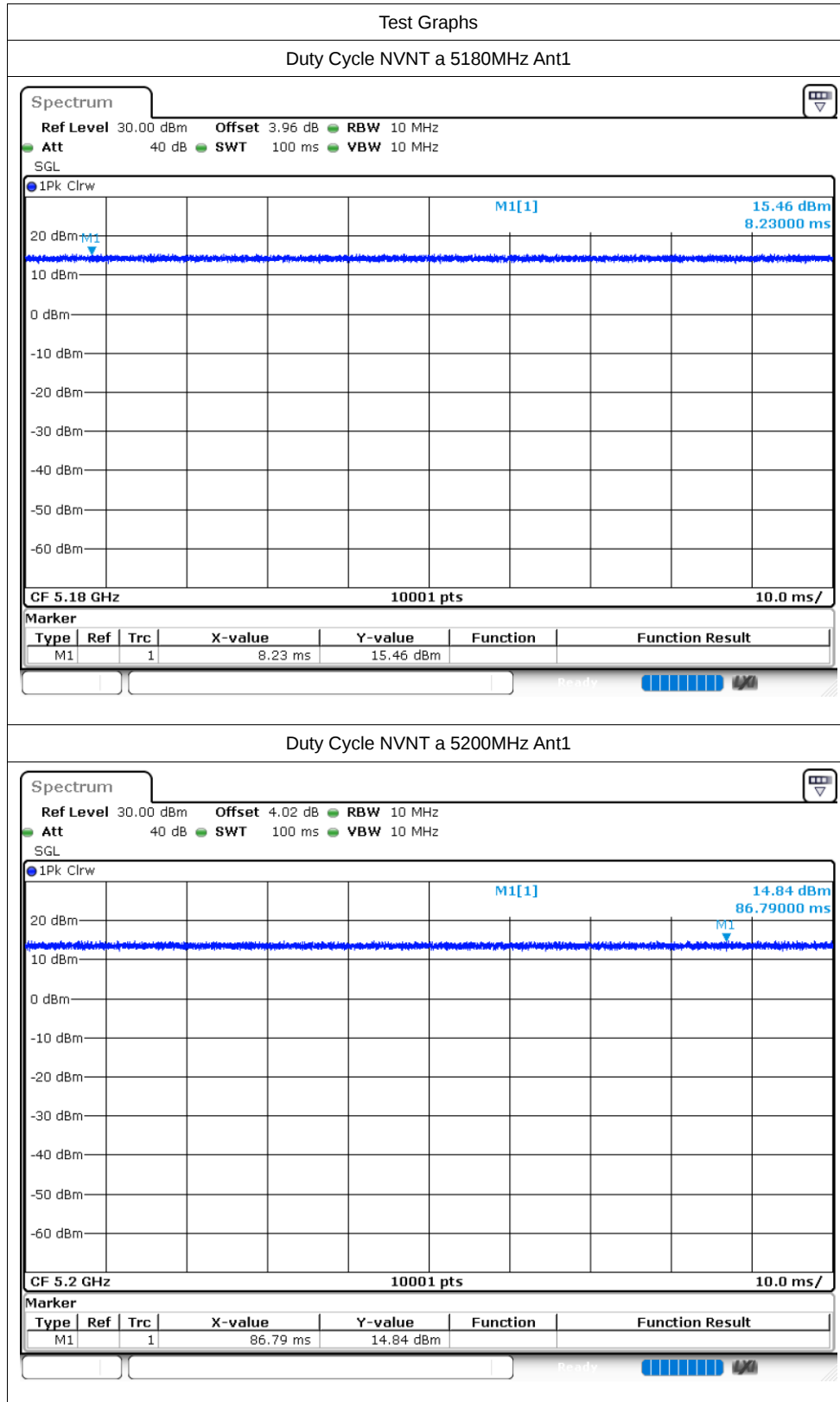


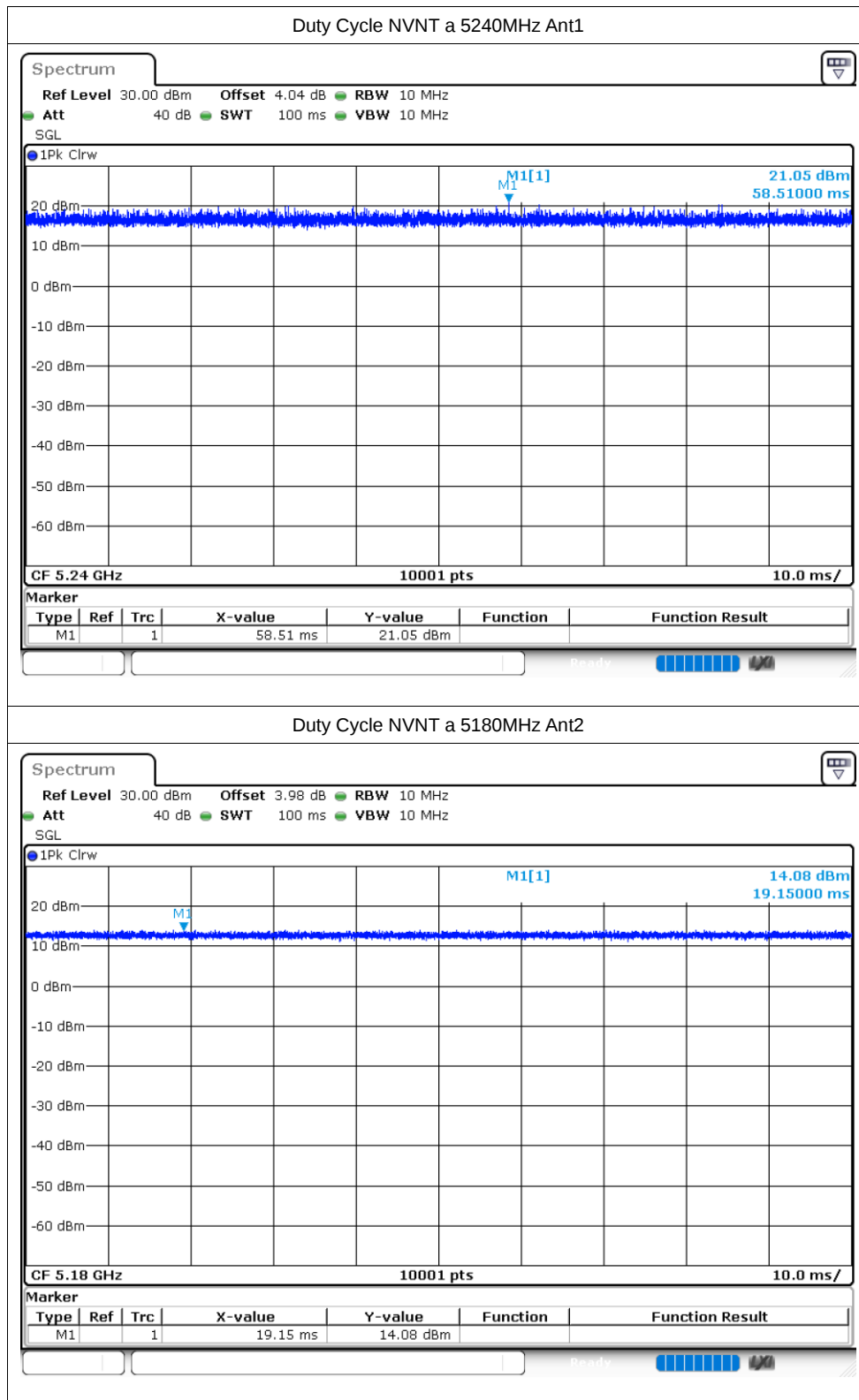
## WIFI 5.2G:

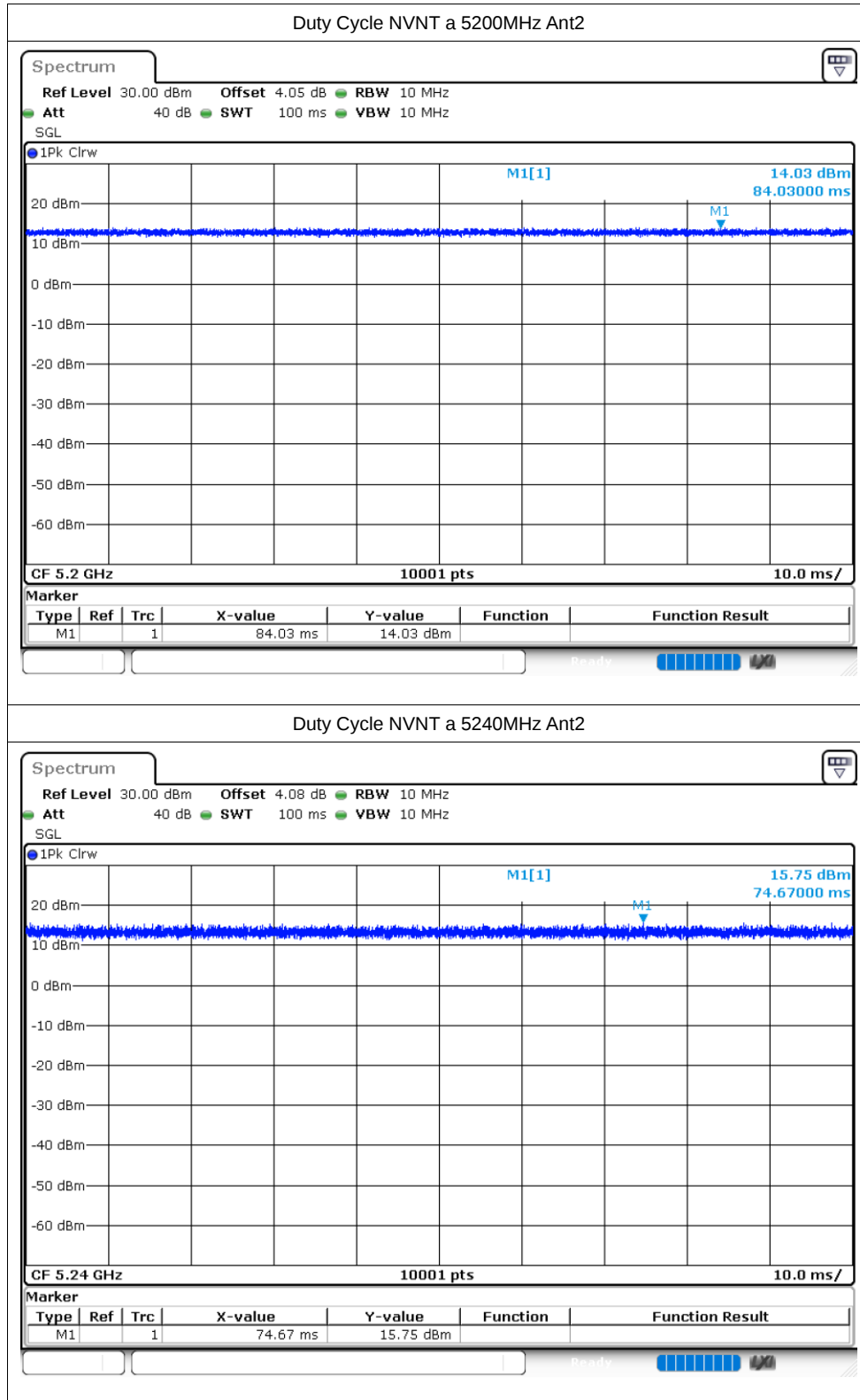
### Duty Cycle

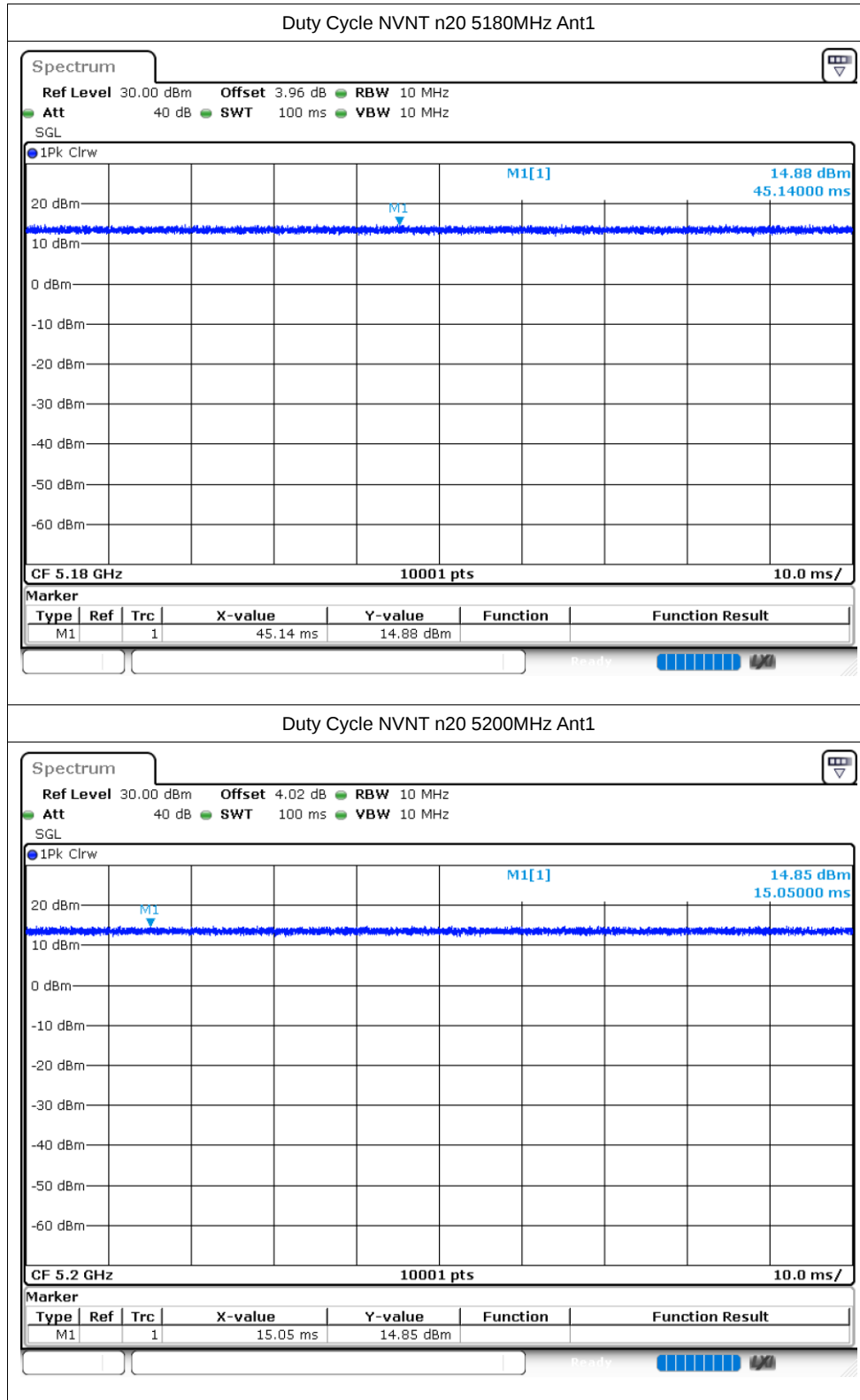
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 100            | 0                      | 0         |
| NVNT      | a    | 5200            | Ant1    | 100            | 0                      | 0         |
| NVNT      | a    | 5240            | Ant1    | 100            | 0                      | 0         |
| NVNT      | a    | 5180            | Ant2    | 100            | 0                      | 0         |
| NVNT      | a    | 5200            | Ant2    | 100            | 0                      | 0         |
| NVNT      | a    | 5240            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n20  | 5180            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5200            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5240            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n20  | 5180            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n20  | 5200            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n20  | 5240            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n40  | 5190            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n40  | 5230            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n40  | 5190            | Ant2    | 100            | 0                      | 0         |
| NVNT      | n40  | 5230            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5180            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5200            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5240            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5180            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5200            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ac20 | 5240            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ac40 | 5190            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac40 | 5230            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac40 | 5190            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ac40 | 5230            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ac80 | 5210            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ac80 | 5210            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ax20 | 5180            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ax20 | 5200            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ax20 | 5240            | Ant1    | 100            | 0                      | 0         |
| NVNT      | ax20 | 5180            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ax20 | 5200            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ax20 | 5240            | Ant2    | 100            | 0                      | 0         |
| NVNT      | ax40 | 5190            | Ant1    | 100            | 0                      | 0         |

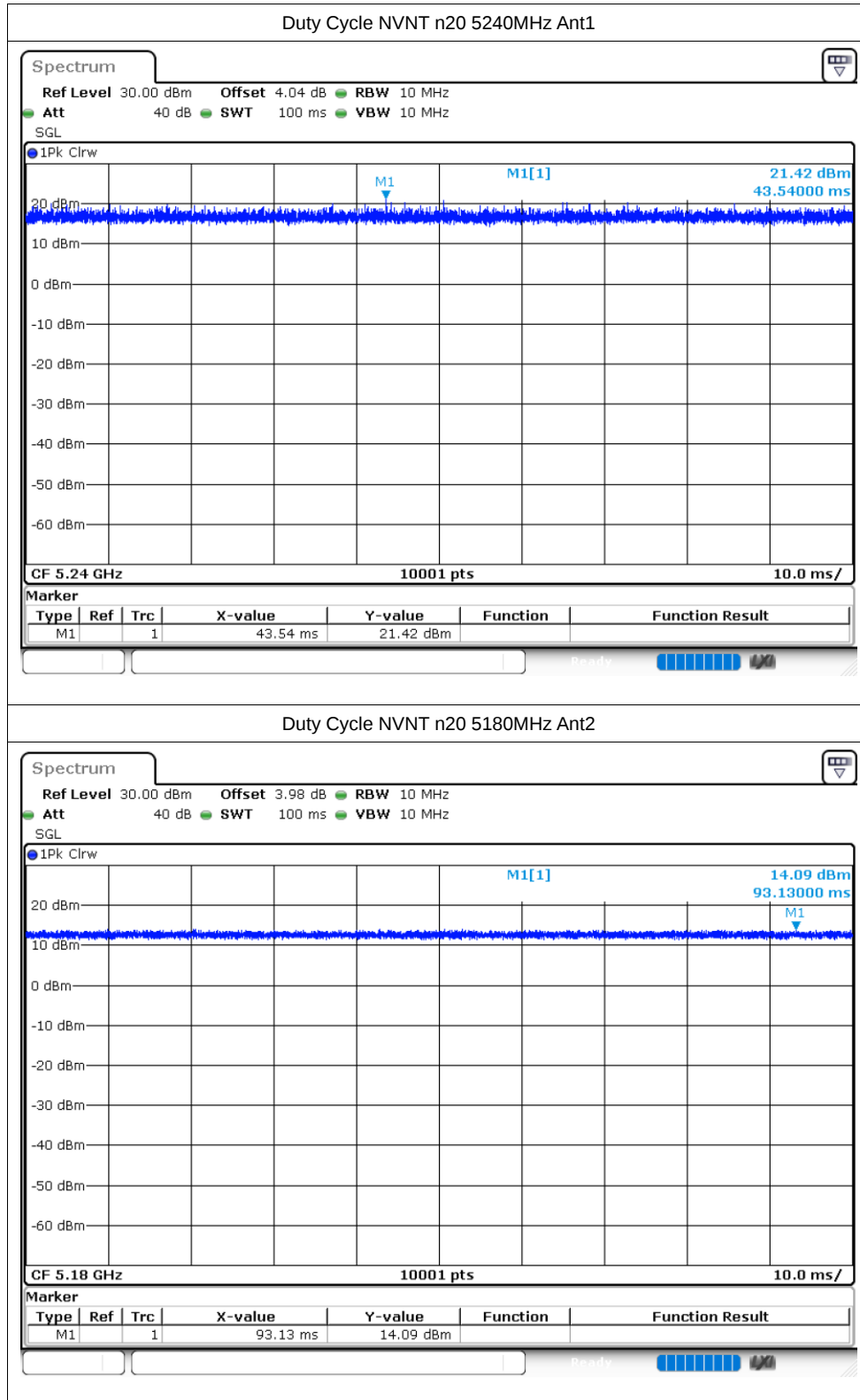
|      |      |      |      |     |   |   |
|------|------|------|------|-----|---|---|
| NVNT | ax40 | 5230 | Ant1 | 100 | 0 | 0 |
| NVNT | ax40 | 5190 | Ant2 | 100 | 0 | 0 |
| NVNT | ax40 | 5230 | Ant2 | 100 | 0 | 0 |
| NVNT | ax80 | 5210 | Ant1 | 100 | 0 | 0 |
| NVNT | ax80 | 5210 | Ant2 | 100 | 0 | 0 |

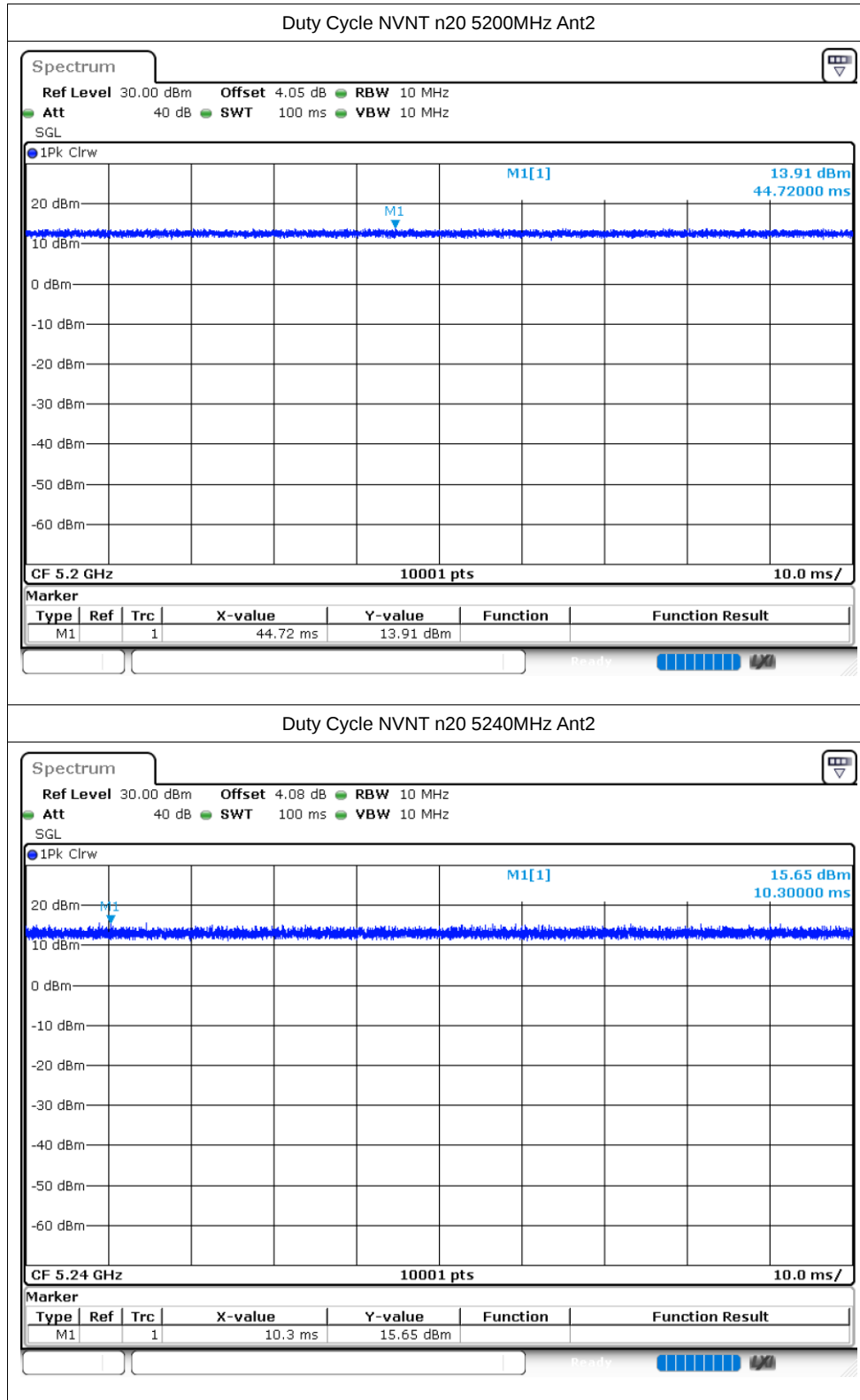


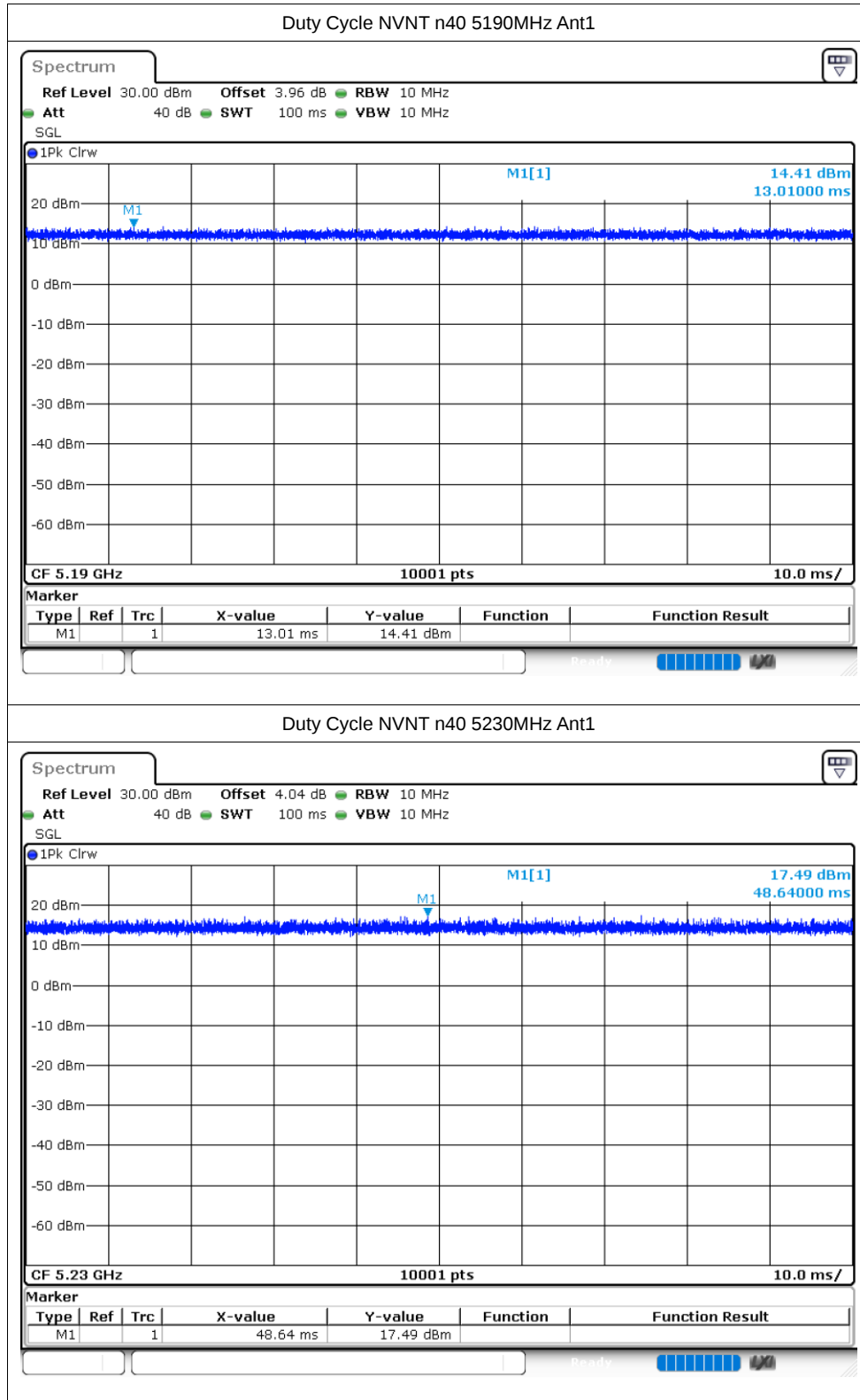


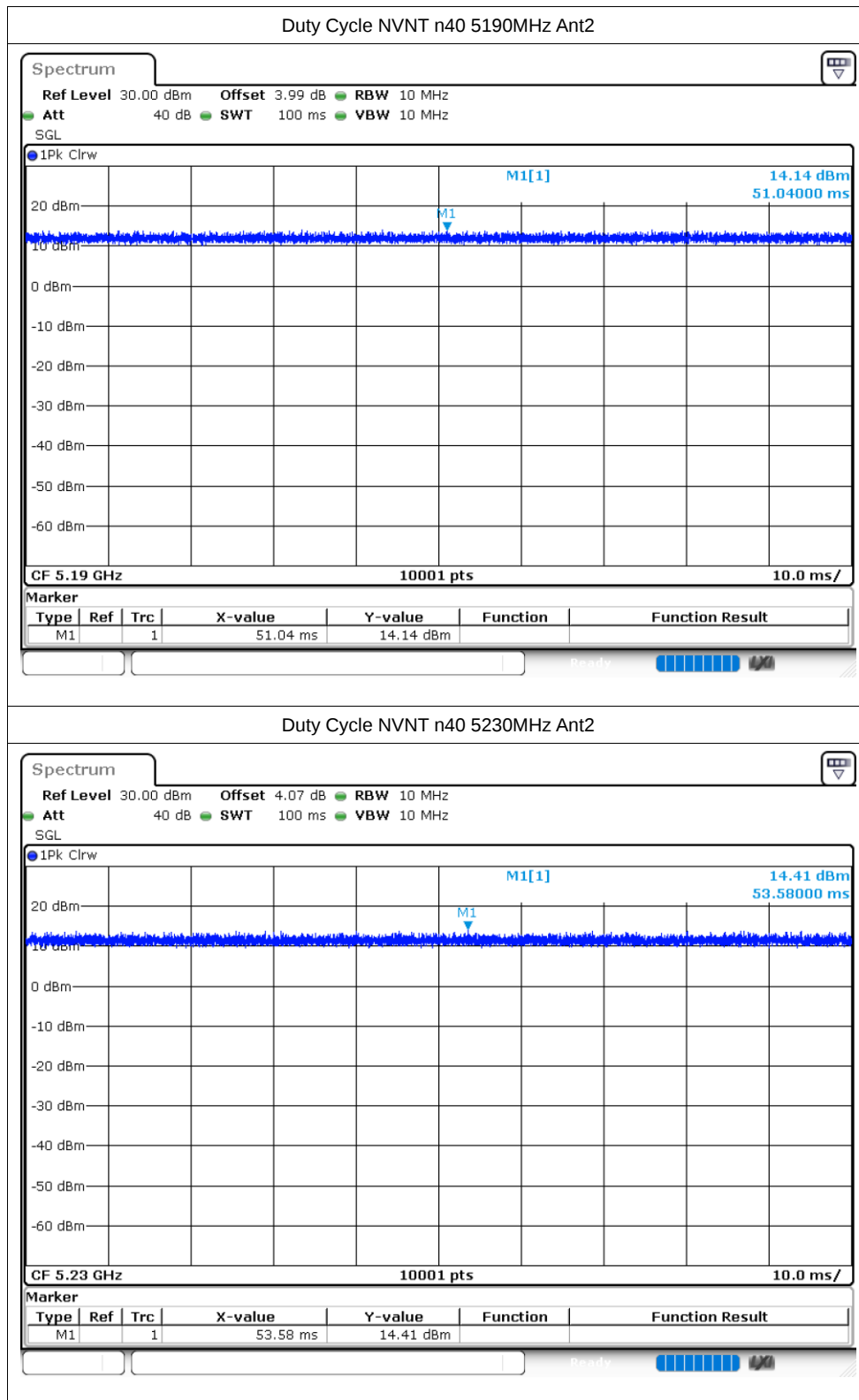


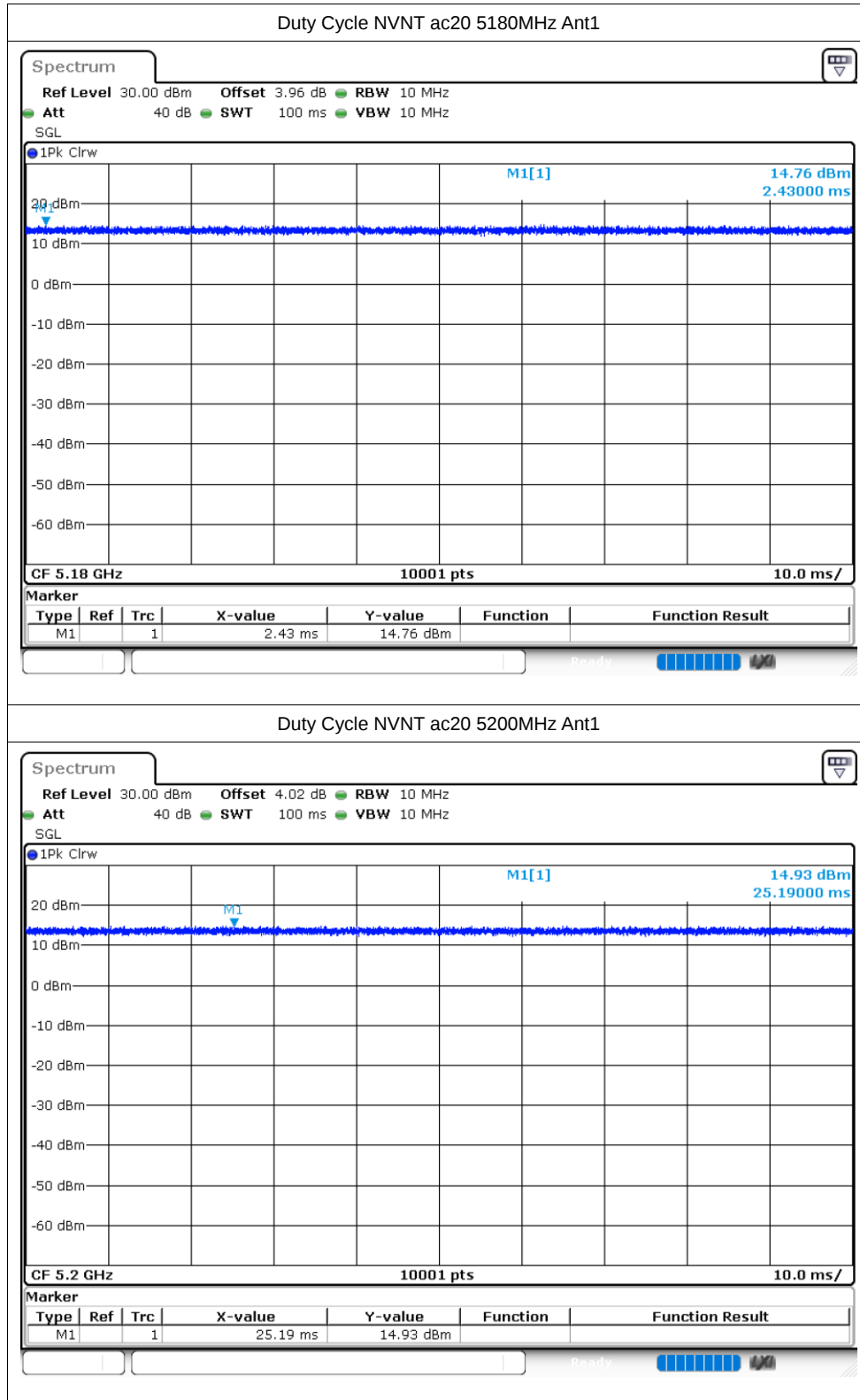


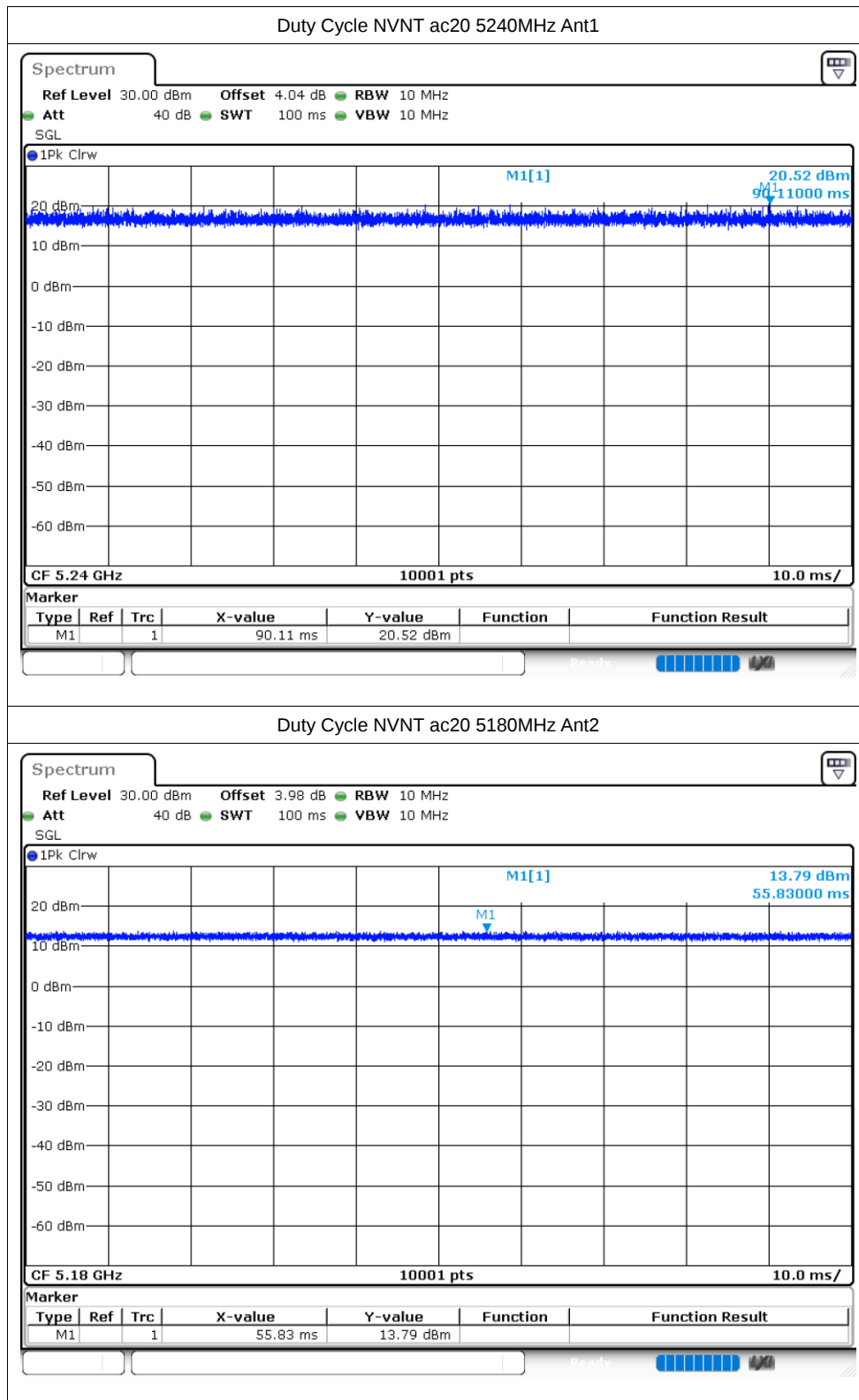


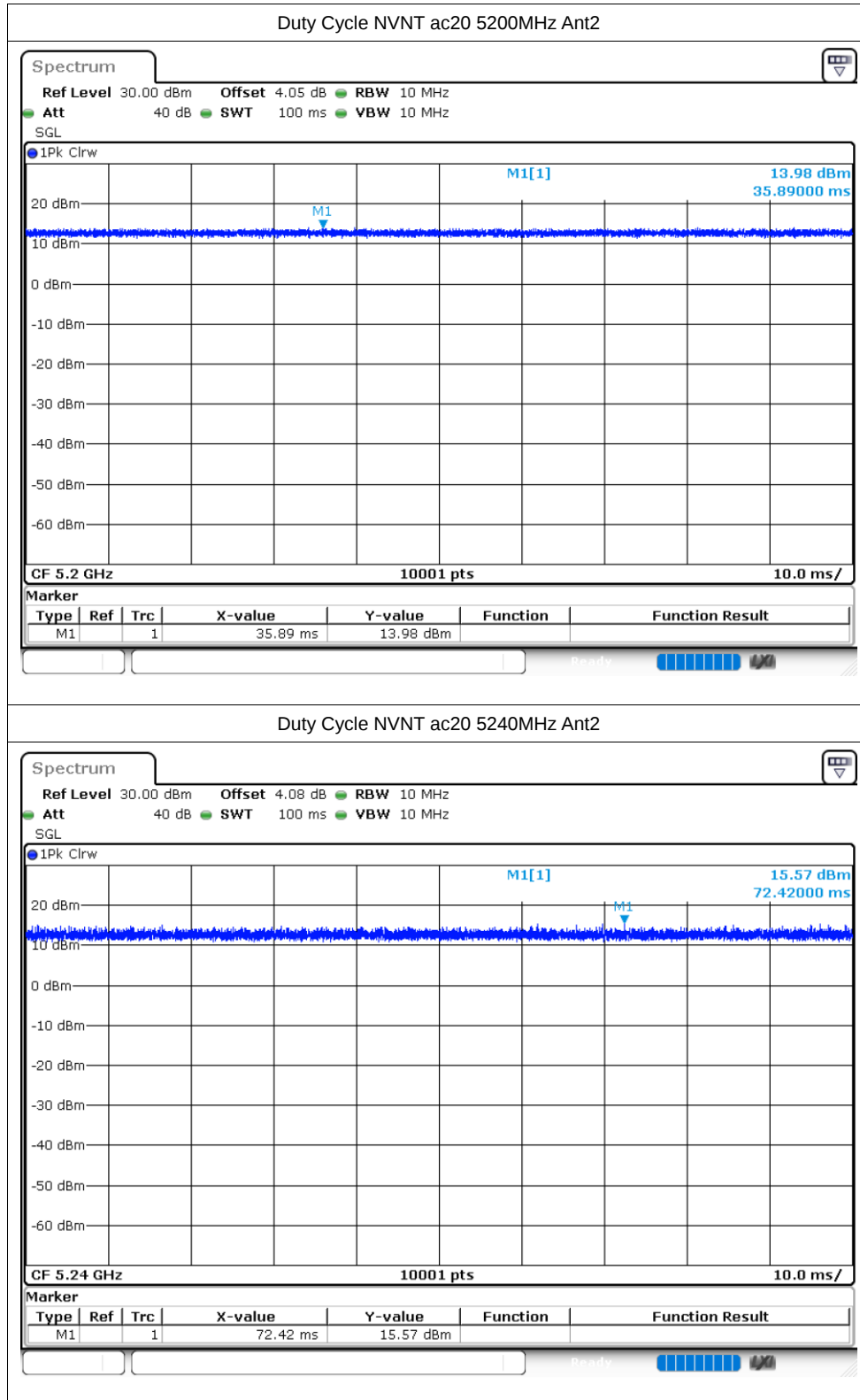


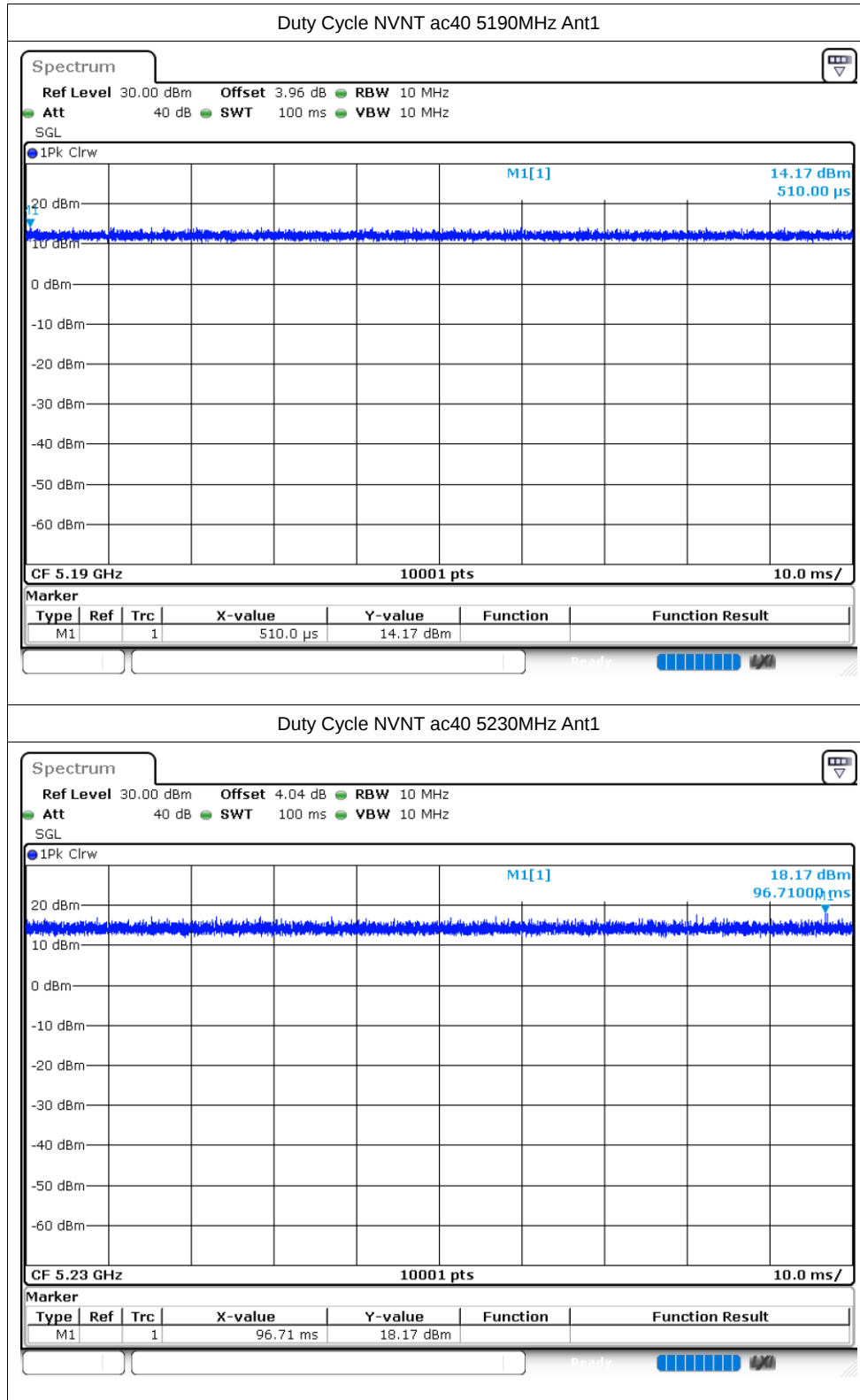


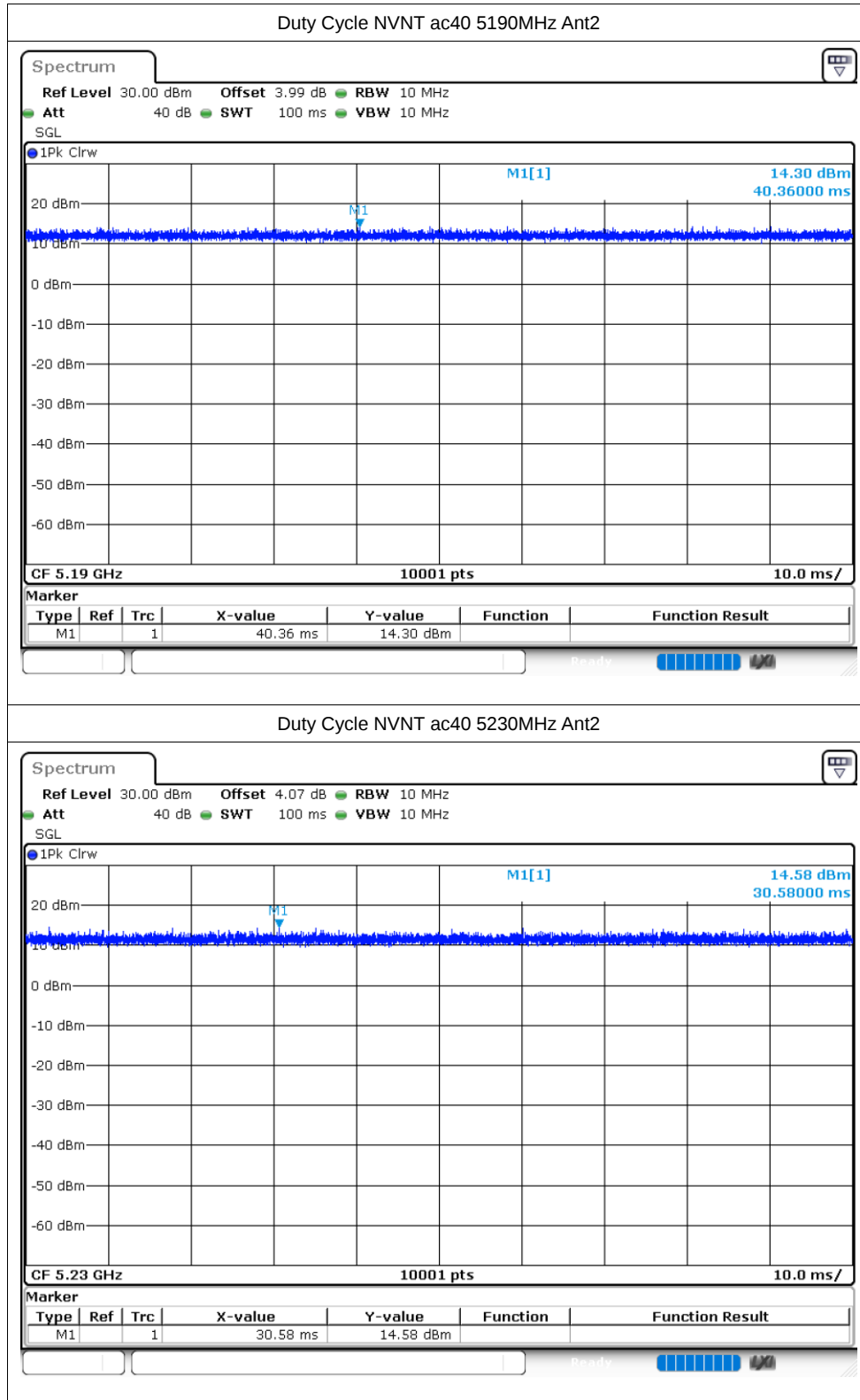


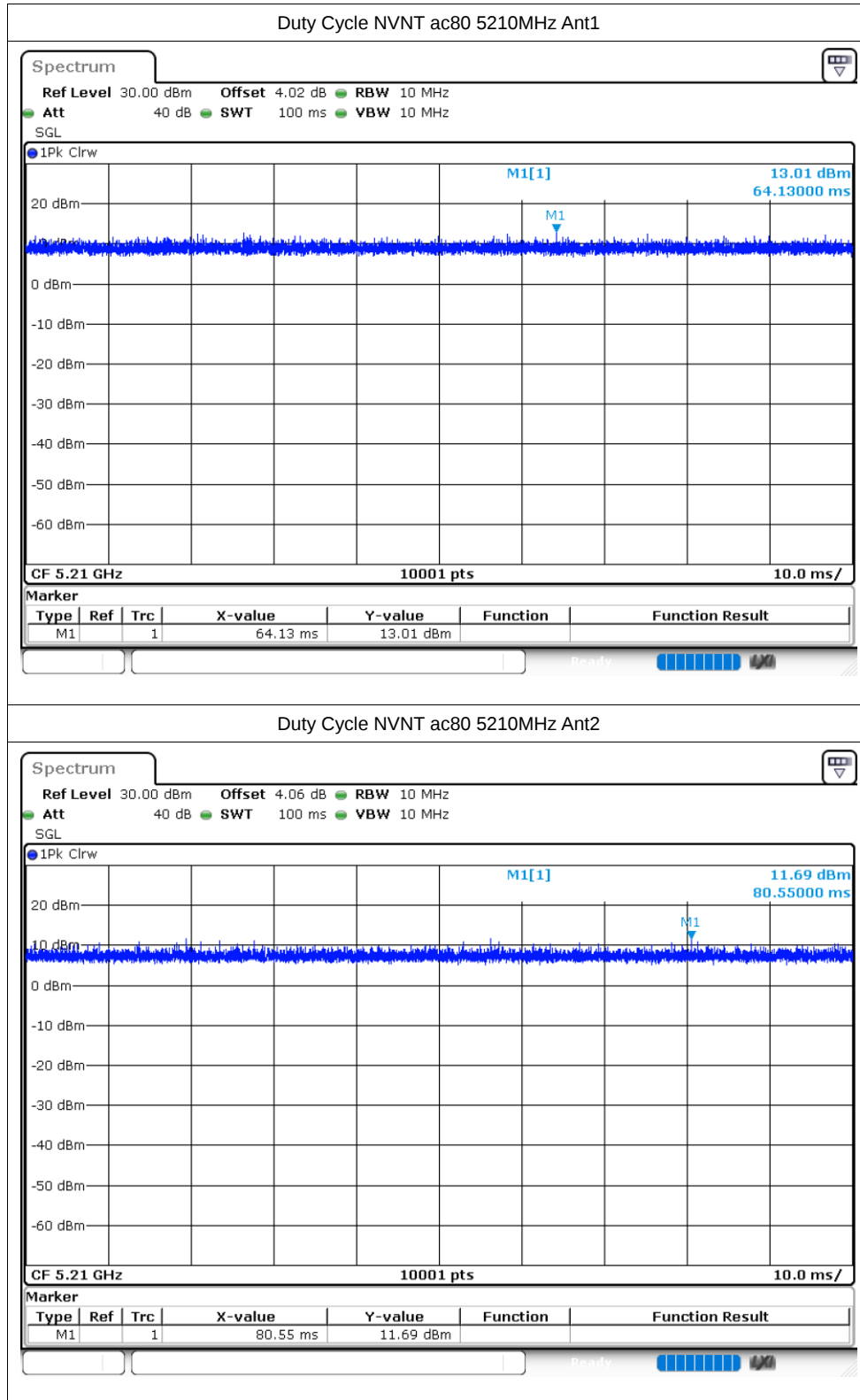


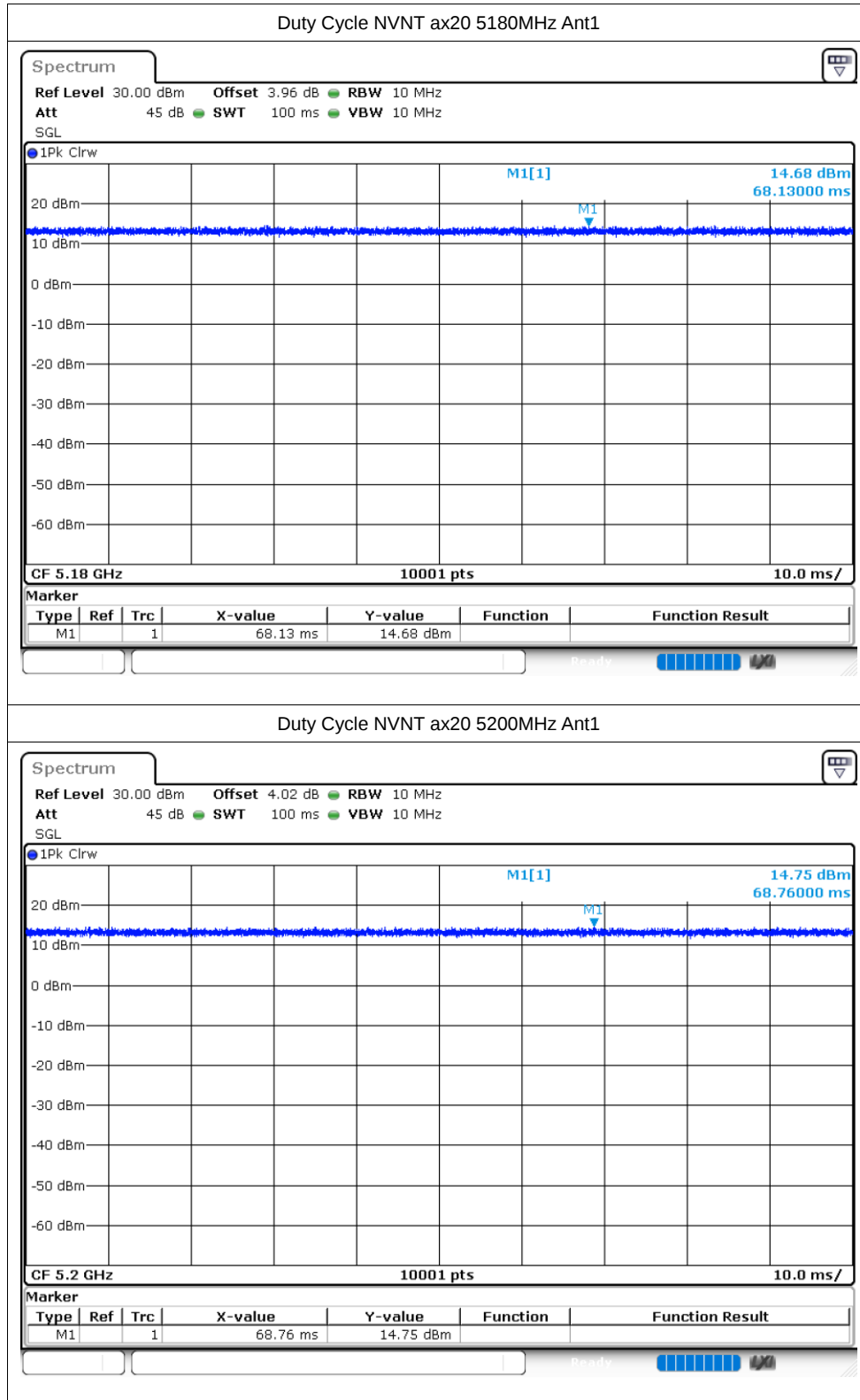


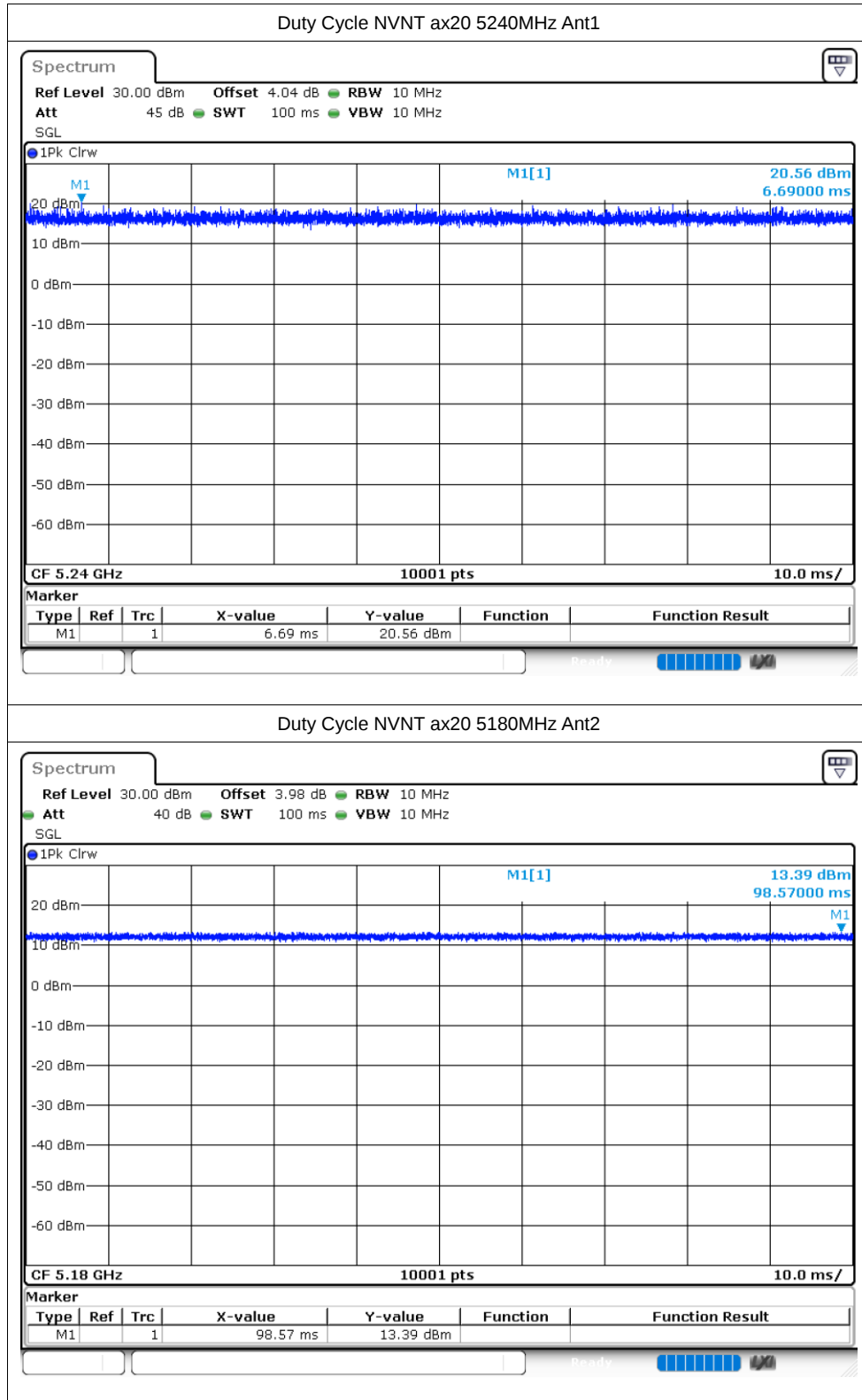


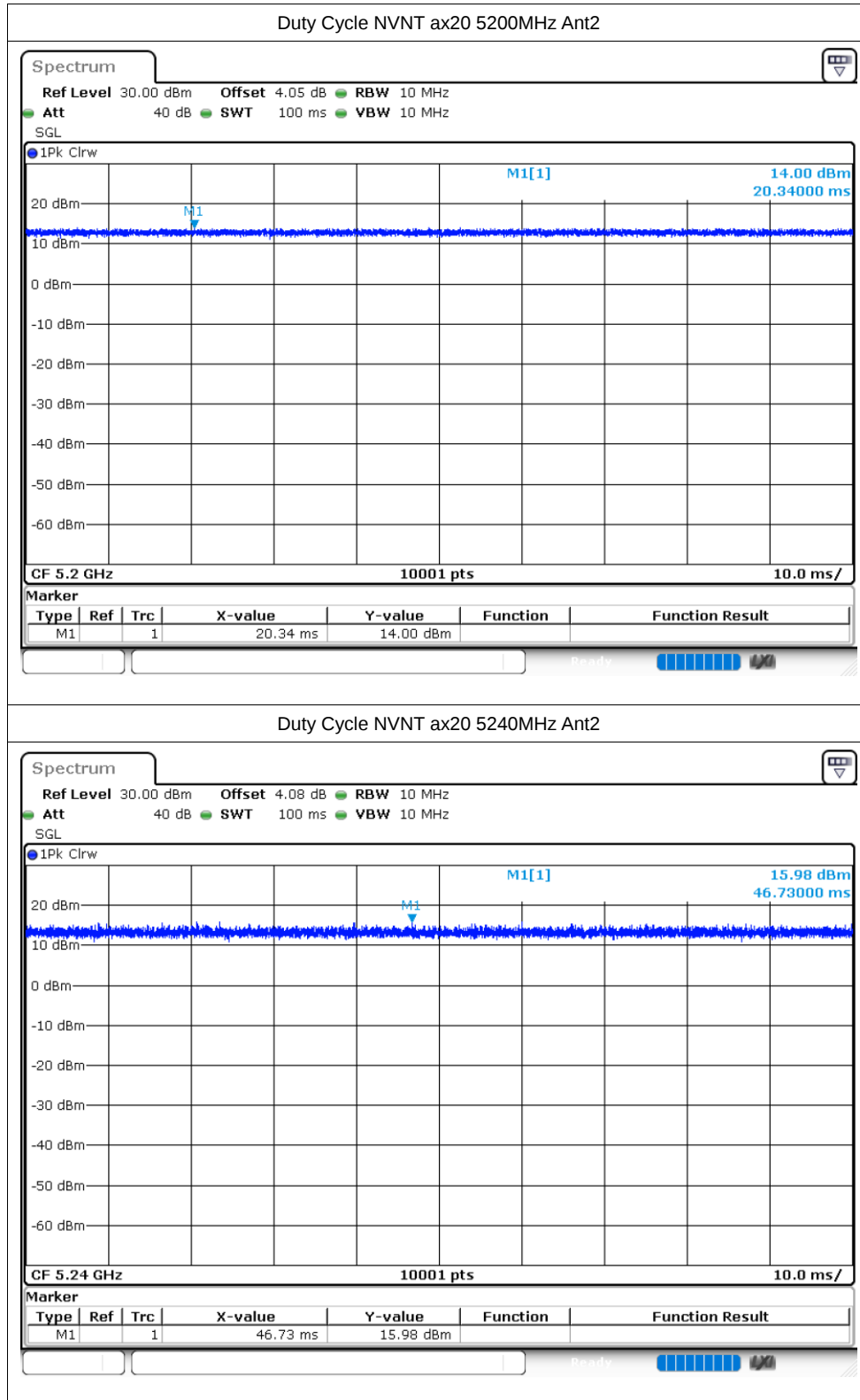


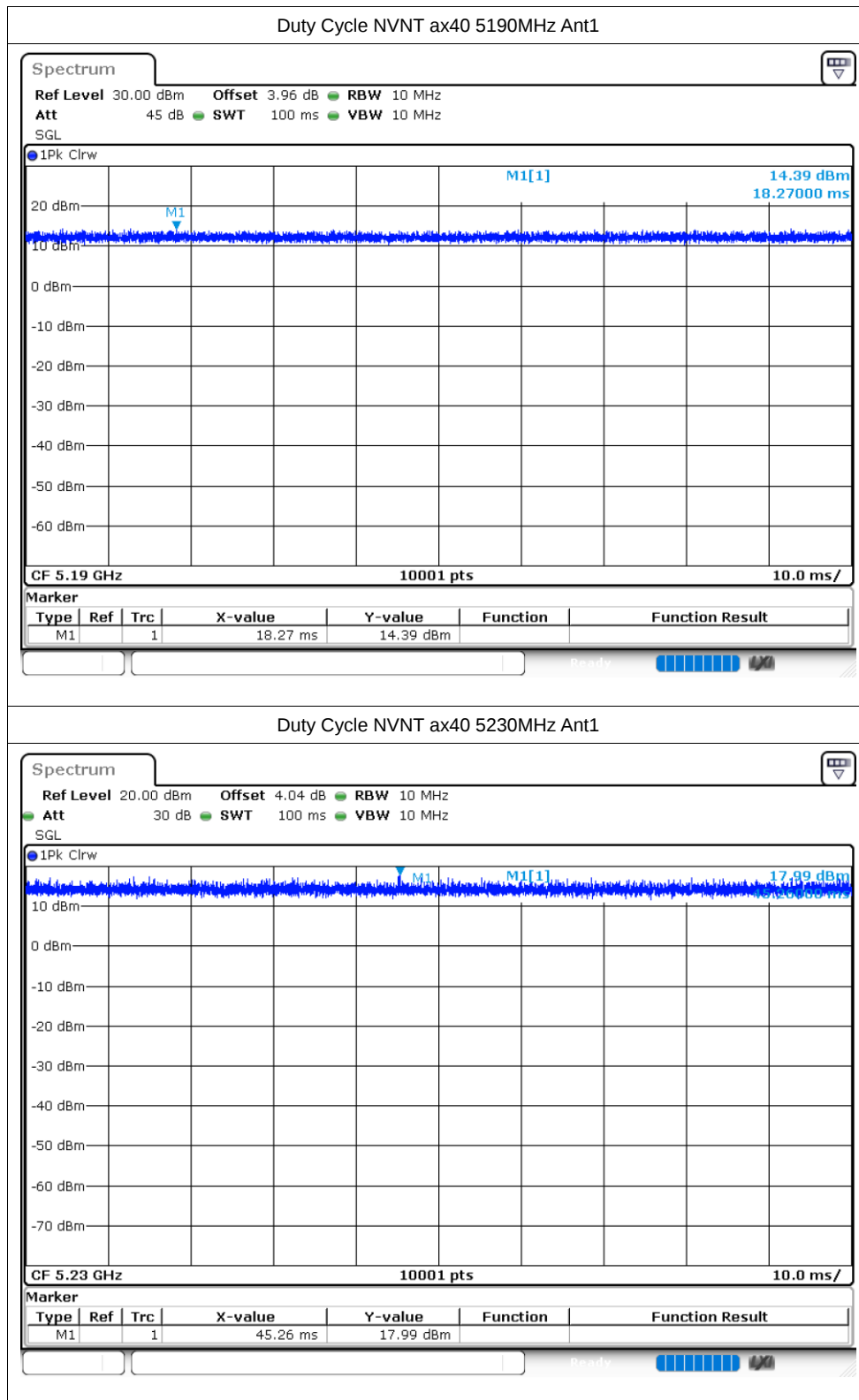


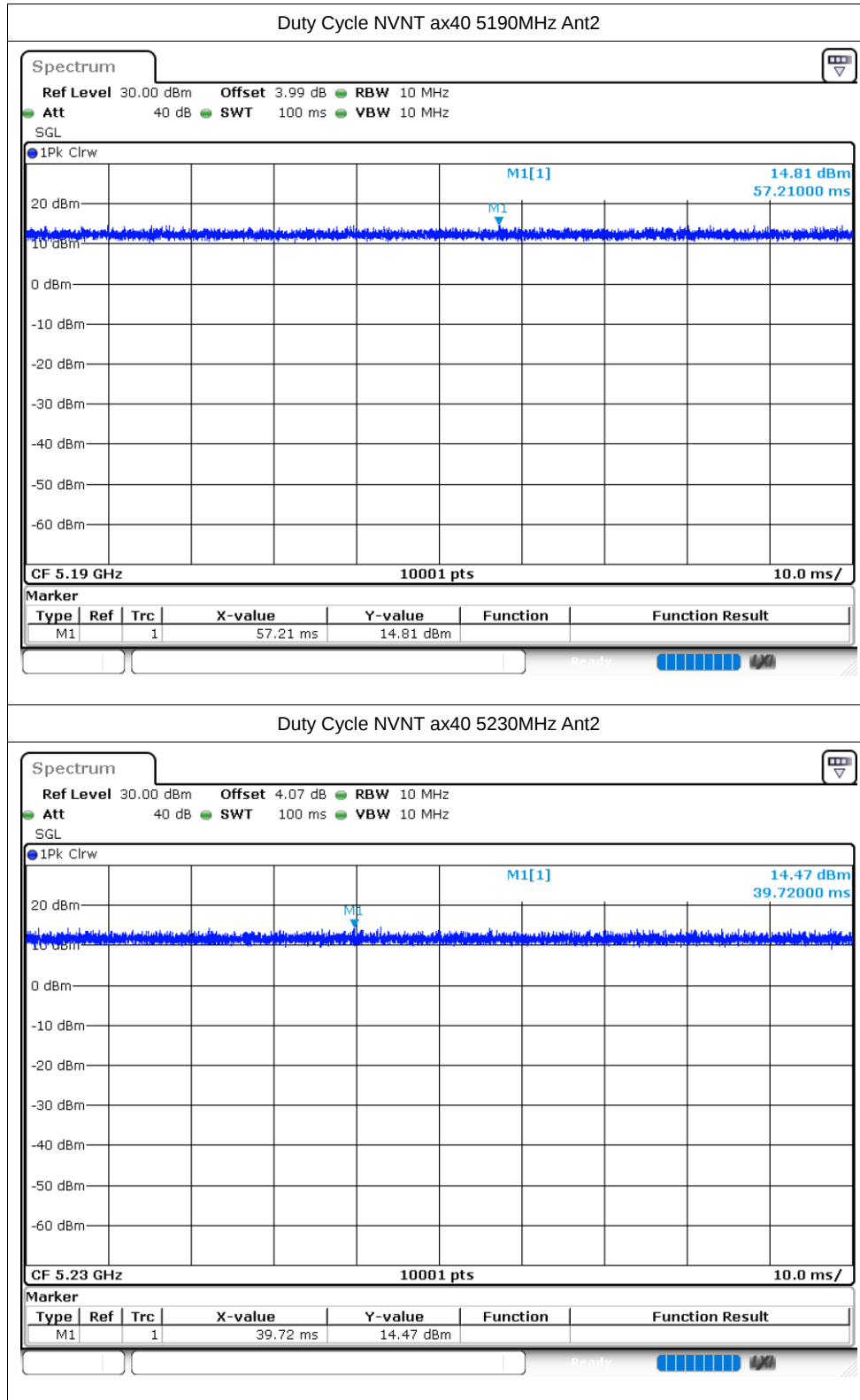


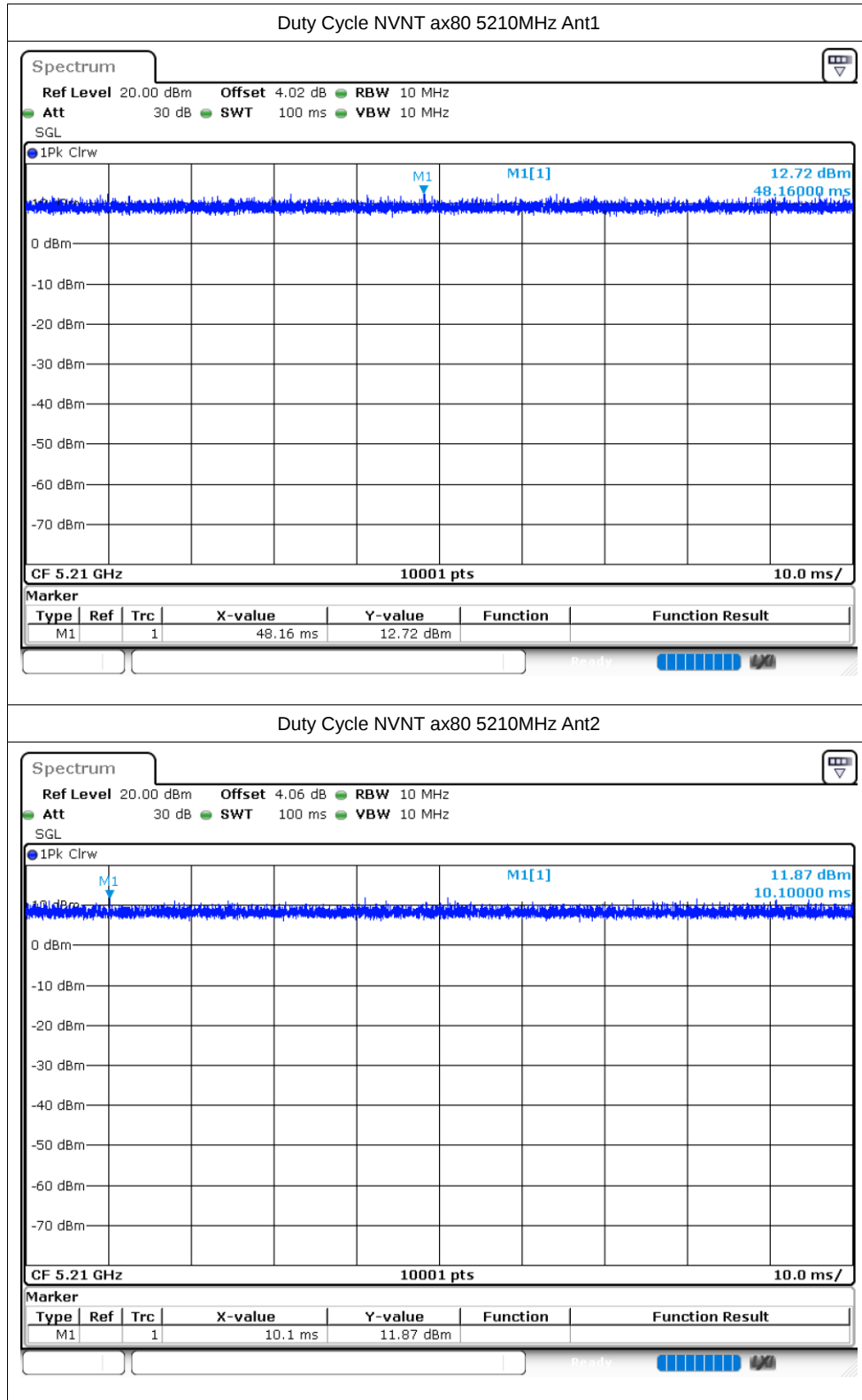












## Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 12.1                  | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 11.5                  | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 11.98                 | 24          | Pass    |
| NVNT      | a    | 5180            | Ant2    | 10.94                 | 24          | Pass    |
| NVNT      | a    | 5200            | Ant2    | 11.28                 | 24          | Pass    |
| NVNT      | a    | 5240            | Ant2    | 10.59                 | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 11.31                 | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 11.59                 | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 12.27                 | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant2    | 10.96                 | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant2    | 11.21                 | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant2    | 10.58                 | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 11.92                 | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 12.45                 | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant2    | 11.29                 | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant2    | 10.88                 | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 11.39                 | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 11.59                 | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 12.3                  | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant2    | 10.86                 | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant2    | 11.21                 | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant2    | 10.22                 | 24          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 11.77                 | 24          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 12.14                 | 24          | Pass    |
| NVNT      | ac40 | 5190            | Ant2    | 11.36                 | 24          | Pass    |
| NVNT      | ac40 | 5230            | Ant2    | 10.95                 | 24          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 11.88                 | 24          | Pass    |
| NVNT      | ac80 | 5210            | Ant2    | 10.58                 | 24          | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 11.24                 | 24          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 11.36                 | 24          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 12.36                 | 24          | Pass    |
| NVNT      | ax20 | 5180            | Ant2    | 10.58                 | 24          | Pass    |
| NVNT      | ax20 | 5200            | Ant2    | 11.38                 | 24          | Pass    |
| NVNT      | ax20 | 5240            | Ant2    | 10.75                 | 24          | Pass    |
| NVNT      | ax40 | 5190            | Ant1    | 11.95                 | 24          | Pass    |
| NVNT      | ax40 | 5230            | Ant1    | 10.26                 | 24          | Pass    |
| NVNT      | ax40 | 5190            | Ant2    | 11.44                 | 24          | Pass    |
| NVNT      | ax40 | 5230            | Ant2    | 10.9                  | 24          | Pass    |
| NVNT      | ax80 | 5210            | Ant1    | 11.63                 | 24          | Pass    |
| NVNT      | ax80 | 5210            | Ant2    | 10.85                 | 24          | Pass    |

## -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 28.107                 | Pass    |
| NVNT      | a    | 5200            | Ant1    | 25.584                 | Pass    |
| NVNT      | a    | 5240            | Ant1    | 20.55                  | Pass    |
| NVNT      | a    | 5180            | Ant2    | 25.827                 | Pass    |
| NVNT      | a    | 5200            | Ant2    | 29.169                 | Pass    |
| NVNT      | a    | 5240            | Ant2    | 25.209                 | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 28.563                 | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 28.827                 | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 22.788                 | Pass    |
| NVNT      | n20  | 5180            | Ant2    | 26.805                 | Pass    |
| NVNT      | n20  | 5200            | Ant2    | 29.772                 | Pass    |
| NVNT      | n20  | 5240            | Ant2    | 23.613                 | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 55.614                 | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 41.19                  | Pass    |
| NVNT      | n40  | 5190            | Ant2    | 48.138                 | Pass    |
| NVNT      | n40  | 5230            | Ant2    | 45.594                 | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 29.898                 | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 29.823                 | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 22.179                 | Pass    |
| NVNT      | ac20 | 5180            | Ant2    | 29.229                 | Pass    |
| NVNT      | ac20 | 5200            | Ant2    | 29.076                 | Pass    |
| NVNT      | ac20 | 5240            | Ant2    | 23.985                 | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 55.524                 | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 40.908                 | Pass    |
| NVNT      | ac40 | 5190            | Ant2    | 53.424                 | Pass    |
| NVNT      | ac40 | 5230            | Ant2    | 50.196                 | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 107.1                  | Pass    |
| NVNT      | ac80 | 5210            | Ant2    | 105.084                | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 29.223                 | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 30                     | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 21.774                 | Pass    |
| NVNT      | ax20 | 5180            | Ant2    | 27.861                 | Pass    |
| NVNT      | ax20 | 5200            | Ant2    | 28.215                 | Pass    |
| NVNT      | ax20 | 5240            | Ant2    | 22.602                 | Pass    |
| NVNT      | ax40 | 5190            | Ant1    | 52.794                 | Pass    |
| NVNT      | ax40 | 5230            | Ant1    | 39.726                 | Pass    |
| NVNT      | ax40 | 5190            | Ant2    | 47.202                 | Pass    |
| NVNT      | ax40 | 5230            | Ant2    | 44.52                  | Pass    |
| NVNT      | ax80 | 5210            | Ant1    | 92.4                   | Pass    |
| NVNT      | ax80 | 5210            | Ant2    | 80.604                 | Pass    |

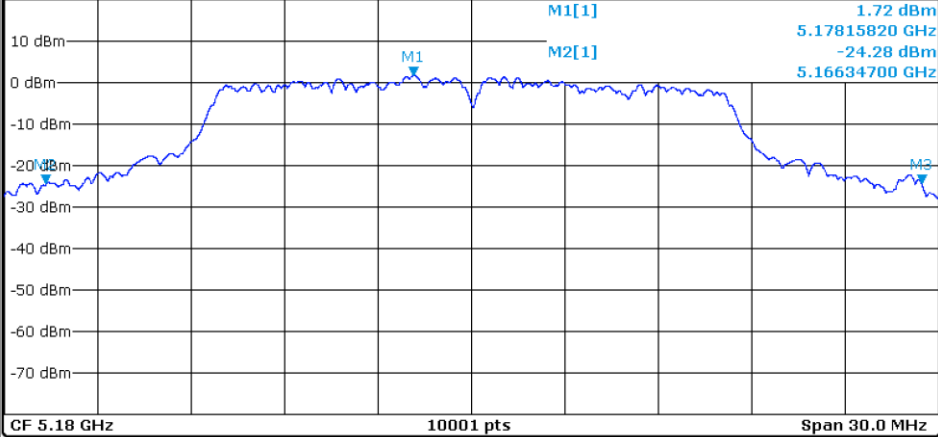
### Test Graphs

#### -26dB Bandwidth NVNT a 5180MHz Ant1

##### Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz  
Att 35 dB SWT 25.4  $\mu$ s VBW 1 MHz Mode Auto FFT  
SGL Count 100/100

1Pk Max



##### Marker

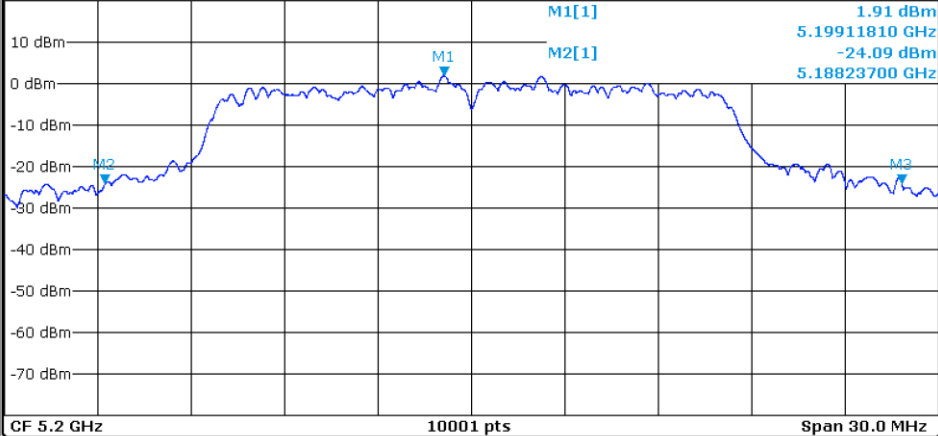
| Type | Ref | Trc | X-value       | Y-value    | Function | Function Result |
|------|-----|-----|---------------|------------|----------|-----------------|
| M1   |     | 1   | 5.1781582 GHz | 1.72 dBm   |          |                 |
| M2   |     | 1   | 5.166347 GHz  | -24.28 dBm |          |                 |
| M3   |     | 1   | 5.194454 GHz  | -24.28 dBm |          |                 |

#### -26dB Bandwidth NVNT a 5200MHz Ant1

##### Spectrum

Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz  
Att 35 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   | 5.1991181 GHz | 1.91 dBm   |          |                 |
| M2   |     | 1   | 5.188237 GHz  | -24.09 dBm |          |                 |
| M3   |     | 1   | 5.213821 GHz  | -24.09 dBm |          |                 |

