

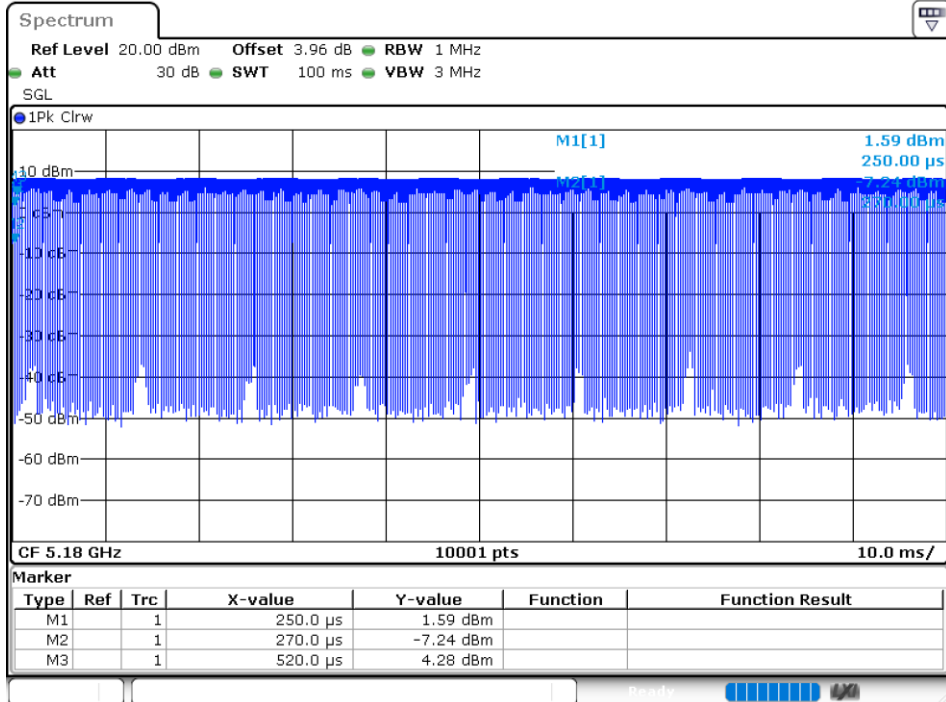
# WIFI 5.2G:

## Duty Cycle

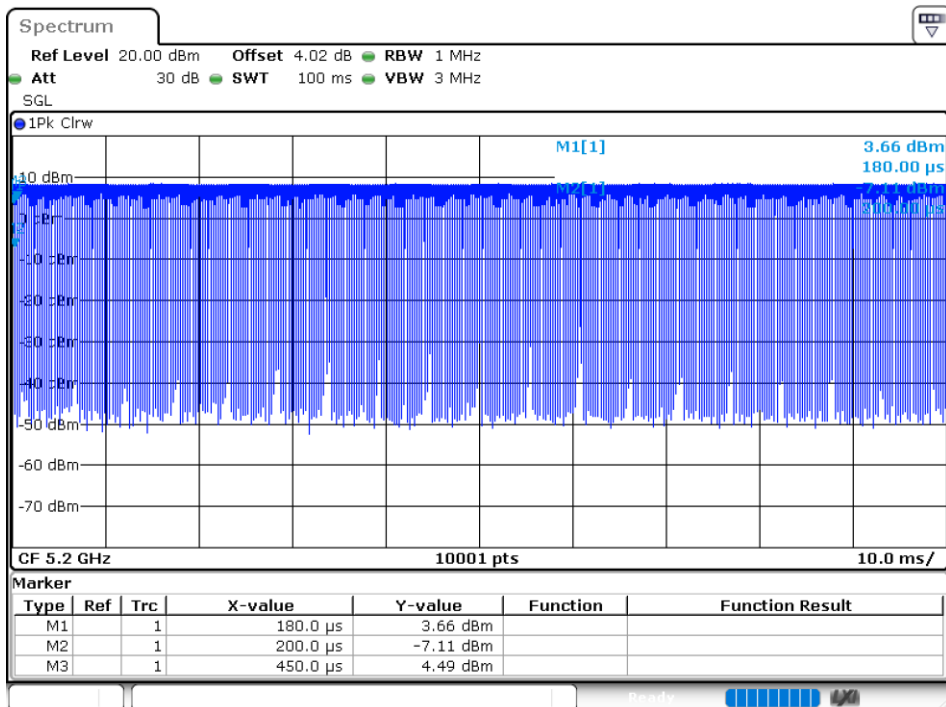
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 96.12          | 0.17                   | 4         |
| NVNT      | a    | 5200            | Ant1    | 96.21          | 0.17                   | 4         |
| NVNT      | a    | 5240            | Ant1    | 96.22          | 0.17                   | 4         |
| NVNT      | n20  | 5180            | Ant1    | 81.64          | 0.88                   | 5.88      |
| NVNT      | n20  | 5200            | Ant1    | 81.66          | 0.88                   | 5.88      |
| NVNT      | n20  | 5240            | Ant1    | 81.68          | 0.88                   | 5.88      |
| NVNT      | n40  | 5190            | Ant1    | 61.05          | 2.14                   | 7.69      |
| NVNT      | n40  | 5230            | Ant1    | 61.02          | 2.15                   | 7.69      |
| NVNT      | ac20 | 5180            | Ant1    | 70.03          | 1.55                   | 5         |
| NVNT      | ac20 | 5200            | Ant1    | 70.04          | 1.55                   | 5         |
| NVNT      | ac20 | 5240            | Ant1    | 70.05          | 1.55                   | 5         |
| NVNT      | ac40 | 5190            | Ant1    | 58.37          | 2.34                   | 9.09      |
| NVNT      | ac40 | 5230            | Ant1    | 57.51          | 2.4                    | 9.09      |
| NVNT      | ac80 | 5210            | Ant1    | 82.71          | 0.82                   | 2.17      |

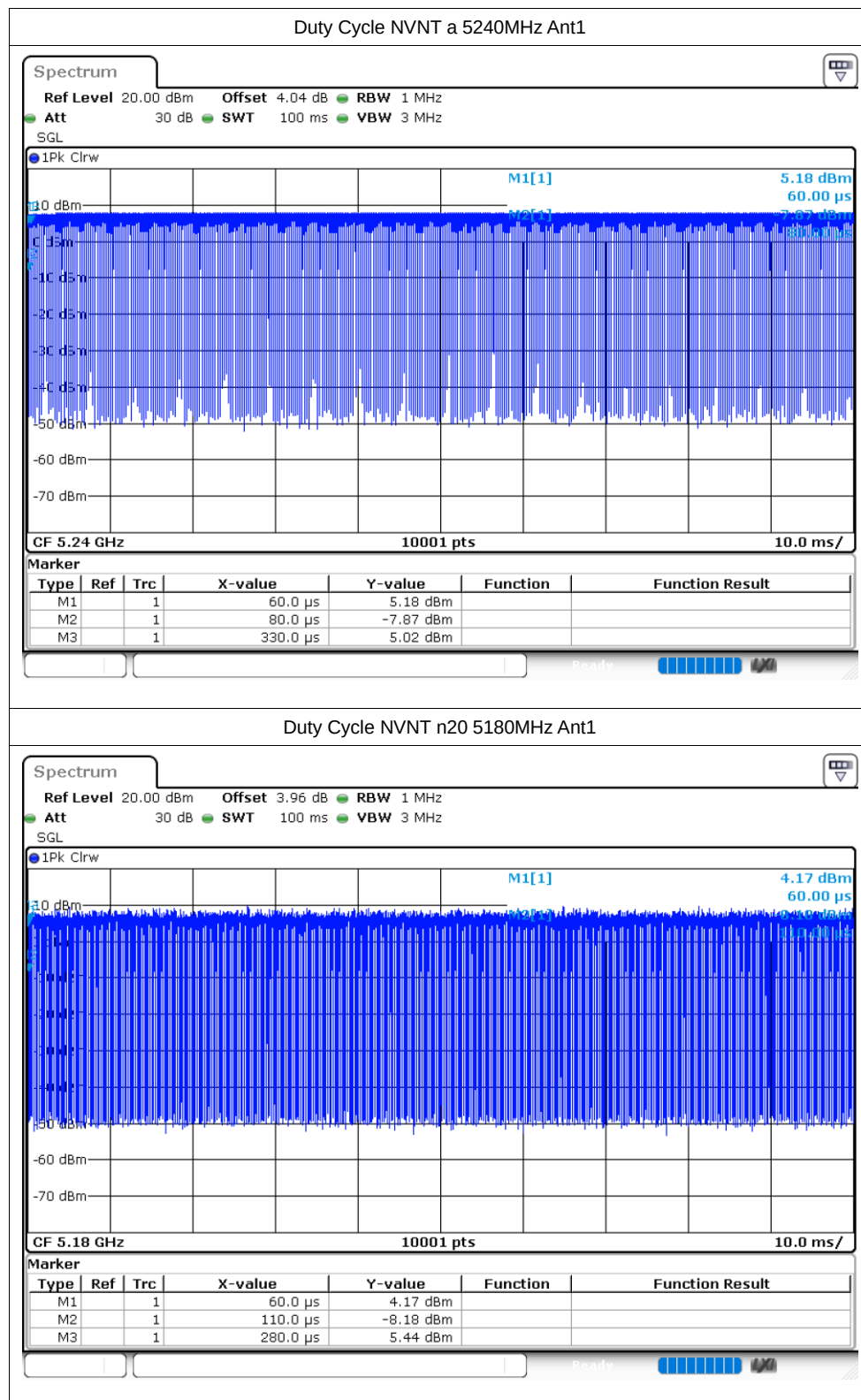
### Test Graphs

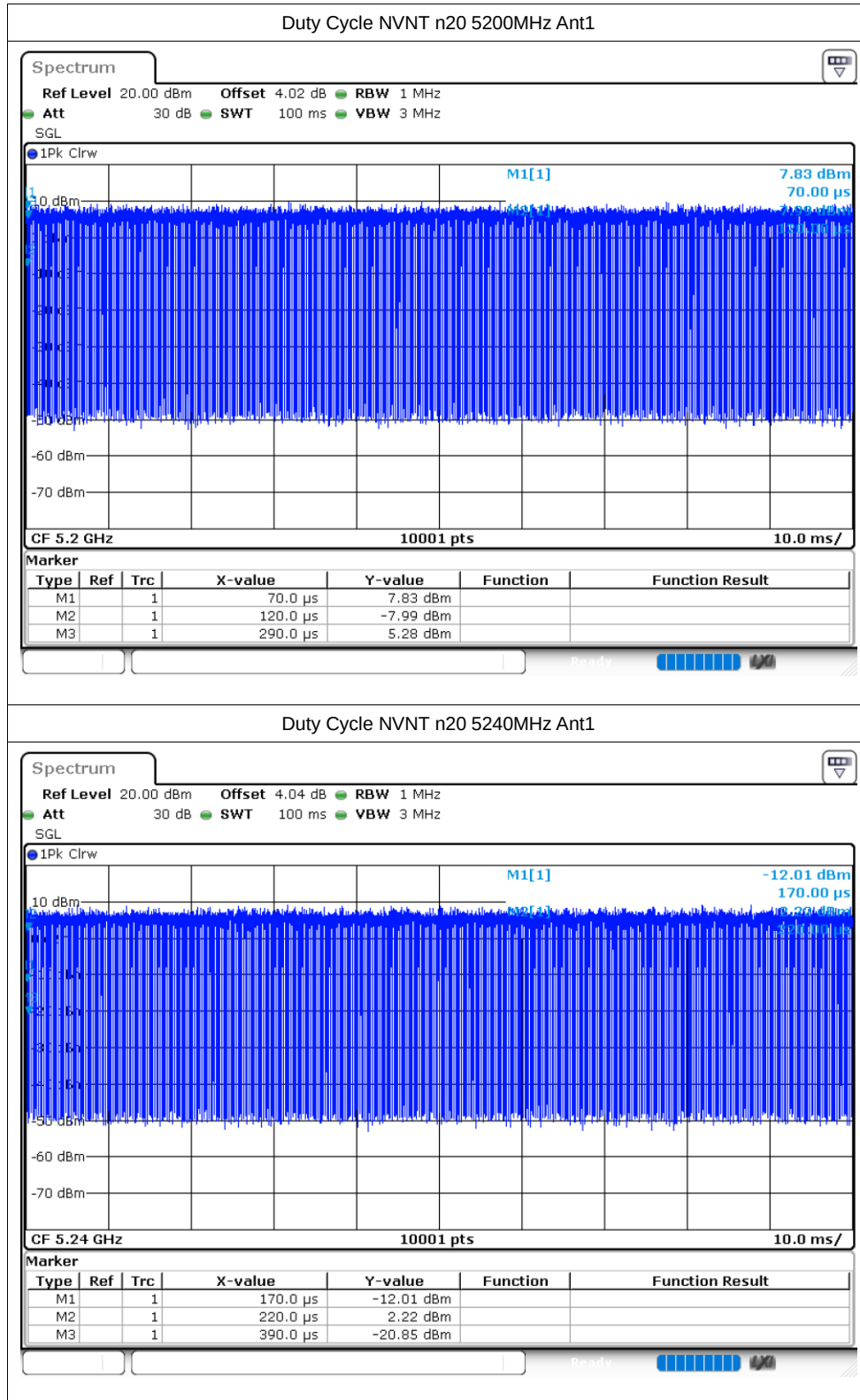
#### Duty Cycle NVNT a 5180MHz Ant1

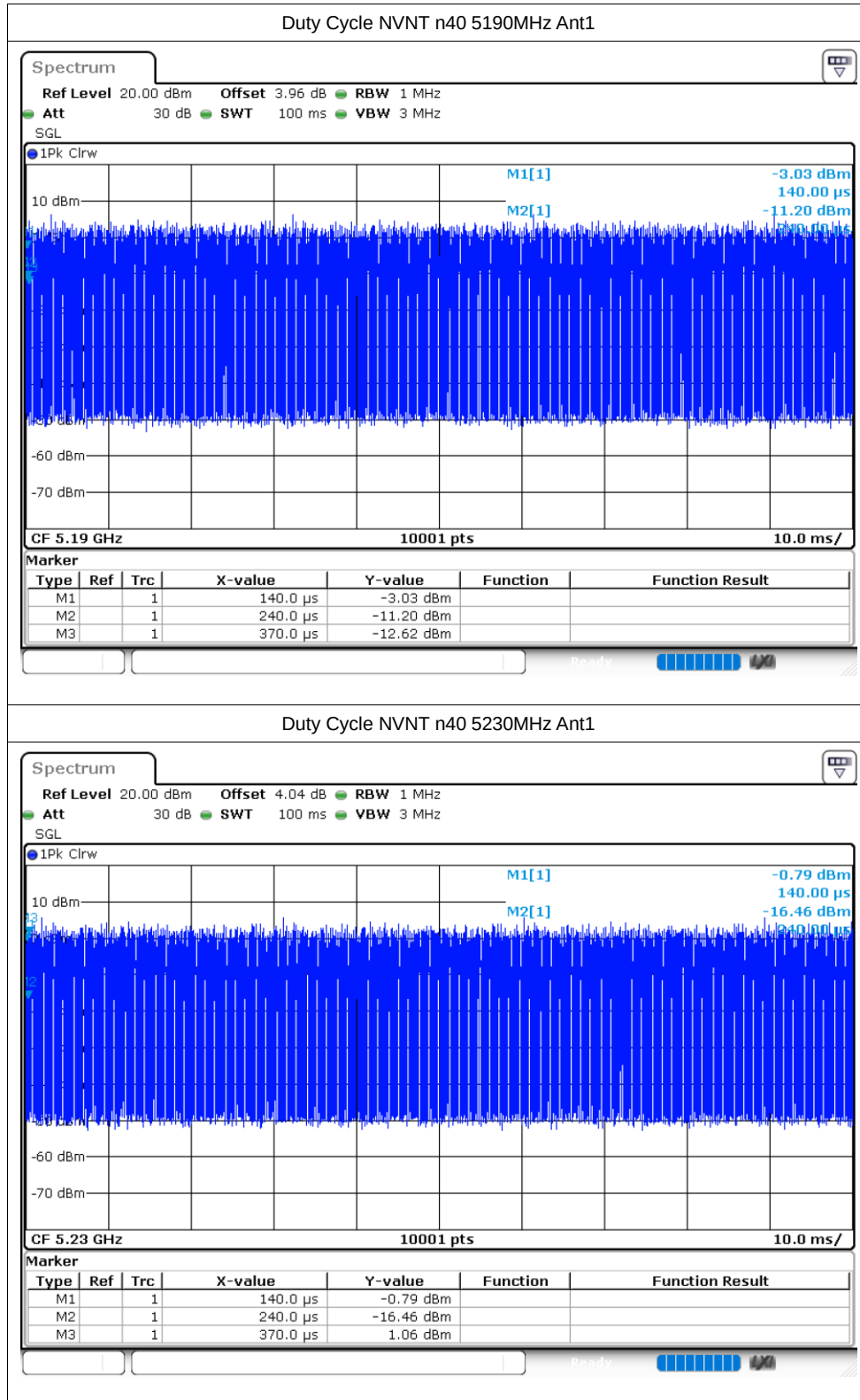


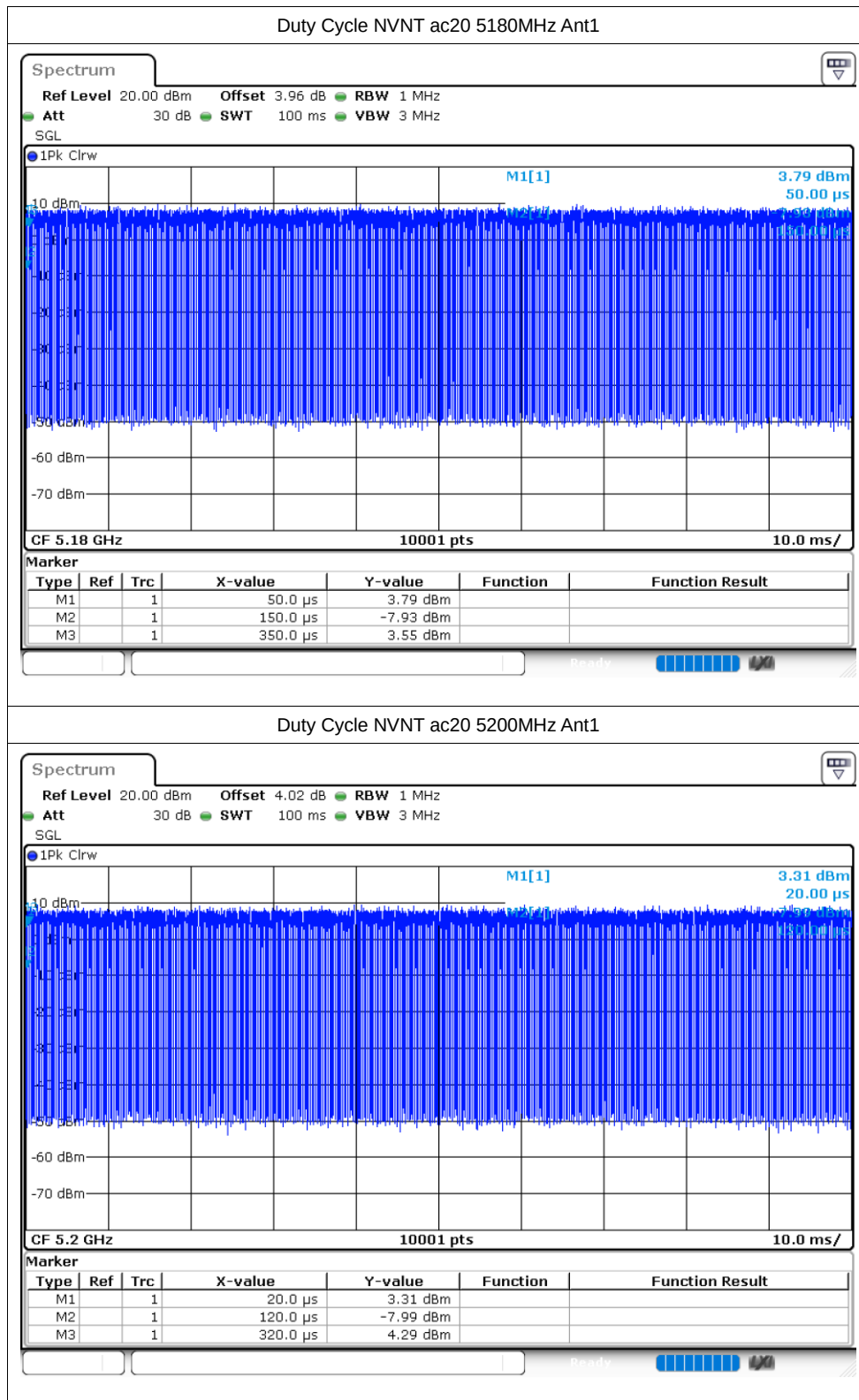
#### Duty Cycle NVNT a 5200MHz Ant1

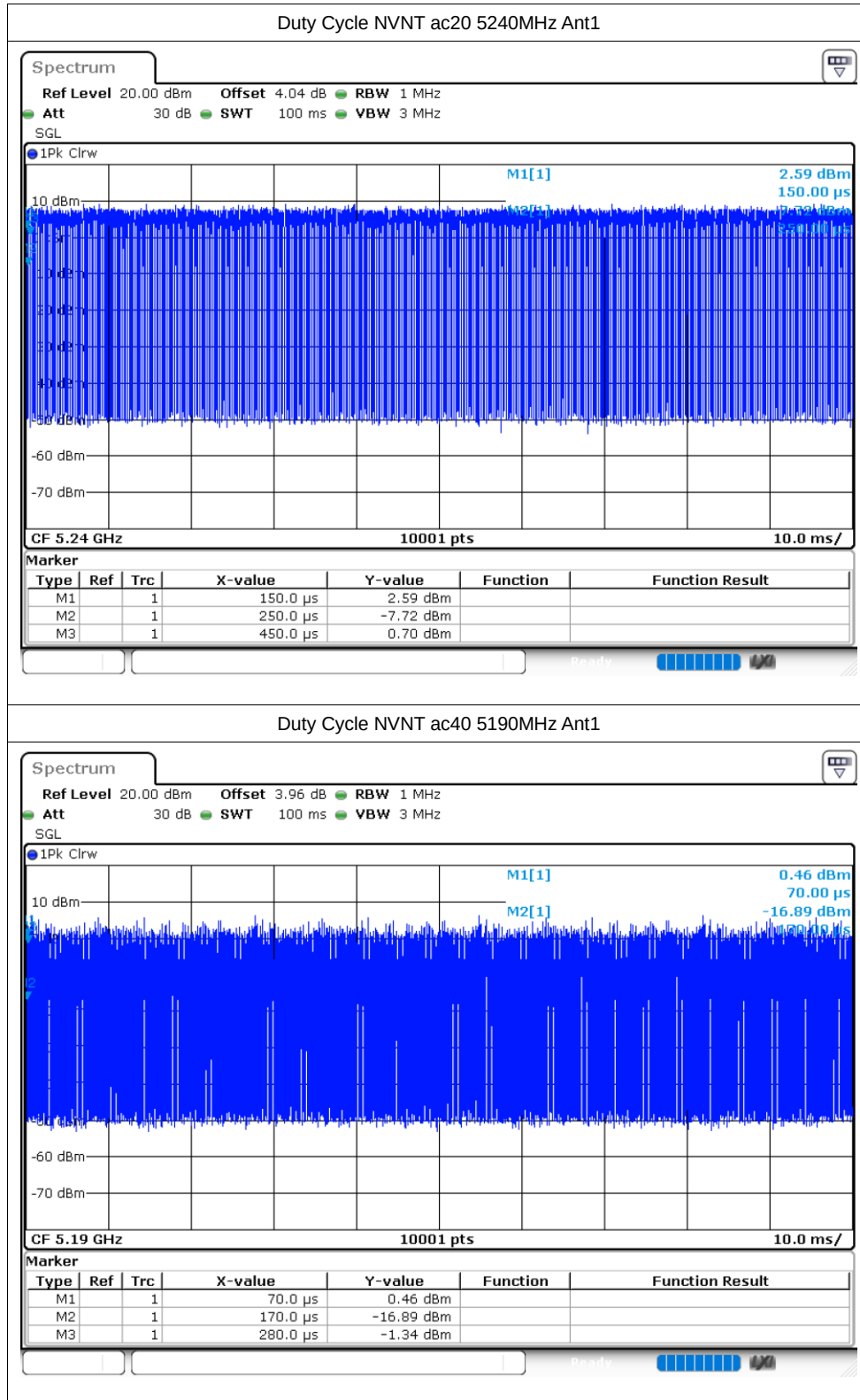


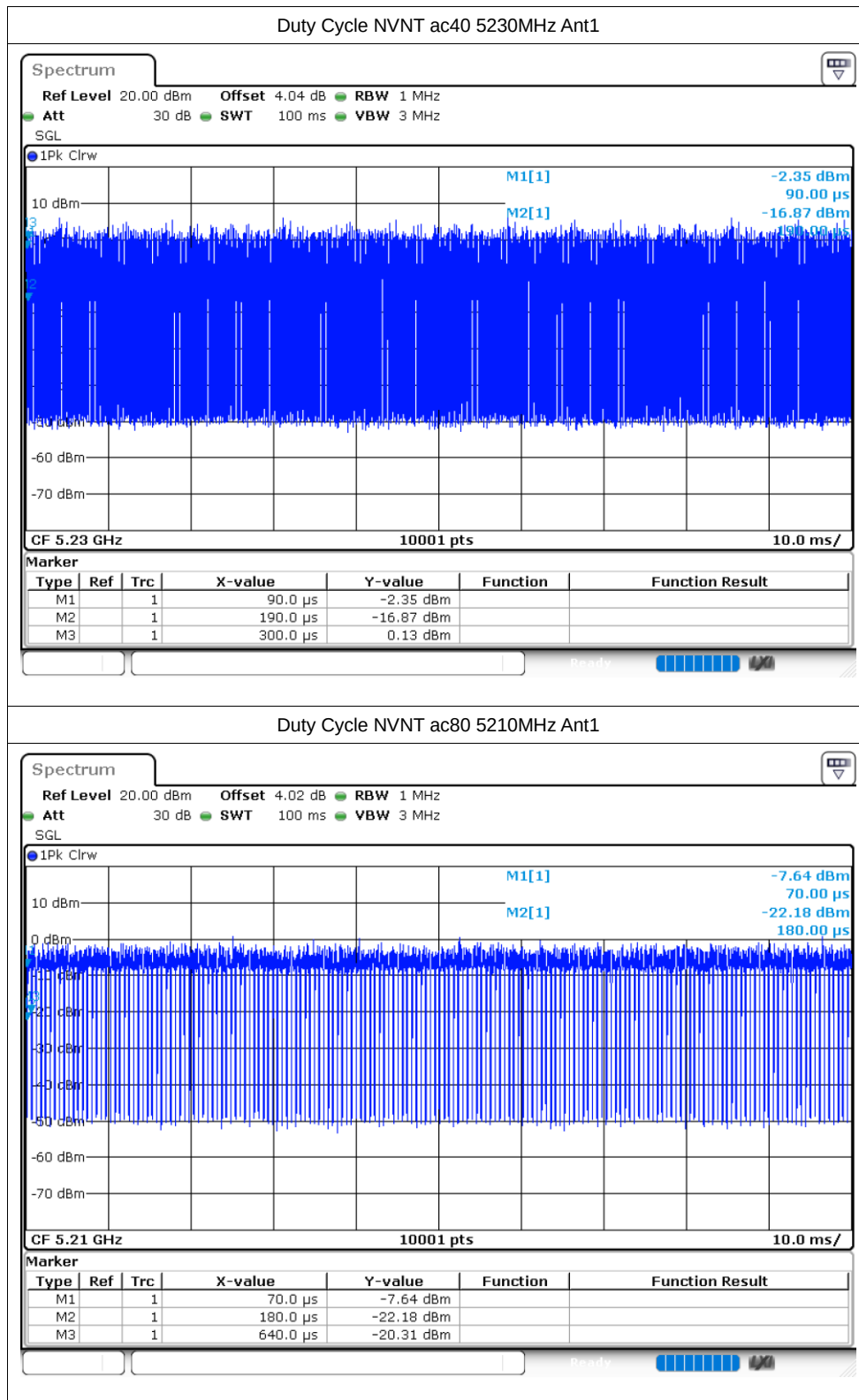












## Maximum Conducted Output Power

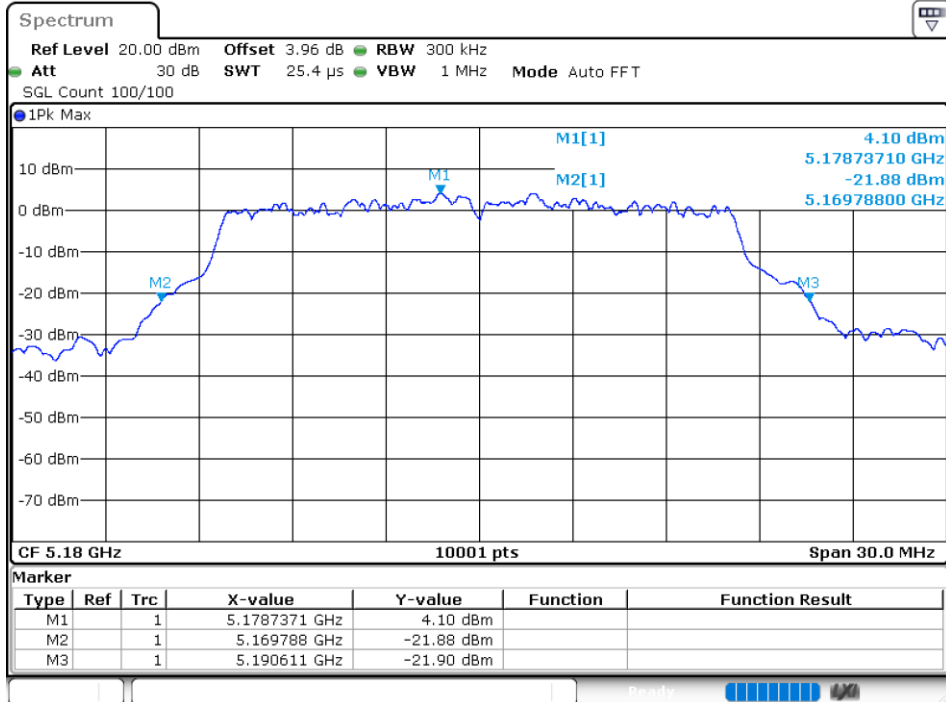
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | a    | 5180               | Ant1    | 7.65                     | 23.16          | Pass    |
| NVNT      | a    | 5200               | Ant1    | 7.63                     | 23.16          | Pass    |
| NVNT      | a    | 5240               | Ant1    | 7.86                     | 23.16          | Pass    |
| NVNT      | n20  | 5180               | Ant1    | 7.09                     | 23.16          | Pass    |
| NVNT      | n20  | 5200               | Ant1    | 7.63                     | 23.16          | Pass    |
| NVNT      | n20  | 5240               | Ant1    | 7.7                      | 23.16          | Pass    |
| NVNT      | n40  | 5190               | Ant1    | 7.45                     | 23.16          | Pass    |
| NVNT      | n40  | 5230               | Ant1    | 7.98                     | 23.16          | Pass    |
| NVNT      | ac20 | 5180               | Ant1    | 7.15                     | 23.16          | Pass    |
| NVNT      | ac20 | 5200               | Ant1    | 7.48                     | 23.16          | Pass    |
| NVNT      | ac20 | 5240               | Ant1    | 7.98                     | 23.16          | Pass    |
| NVNT      | ac40 | 5190               | Ant1    | 7.57                     | 23.16          | Pass    |
| NVNT      | ac40 | 5230               | Ant1    | 7.98                     | 23.16          | Pass    |
| NVNT      | ac80 | 5210               | Ant1    | 5.08                     | 23.16          | Pass    |

## -26dB Bandwidth

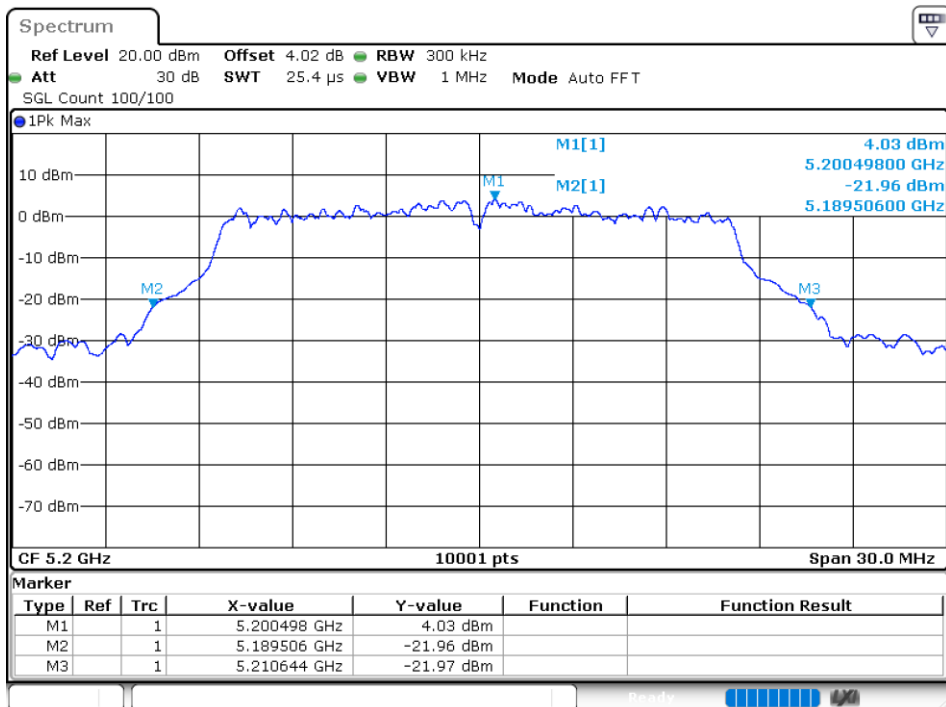
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 20.823                 | 0.5                          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 21.138                 | 0.5                          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 21.084                 | 0.5                          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 21.276                 | 0.5                          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 20.964                 | 0.5                          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 21.513                 | 0.5                          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 39.27                  | 0.5                          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 39.744                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 21.171                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 21.168                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 21.474                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 39.252                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 39.378                 | 0.5                          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 81.3                   | 0.5                          | Pass    |

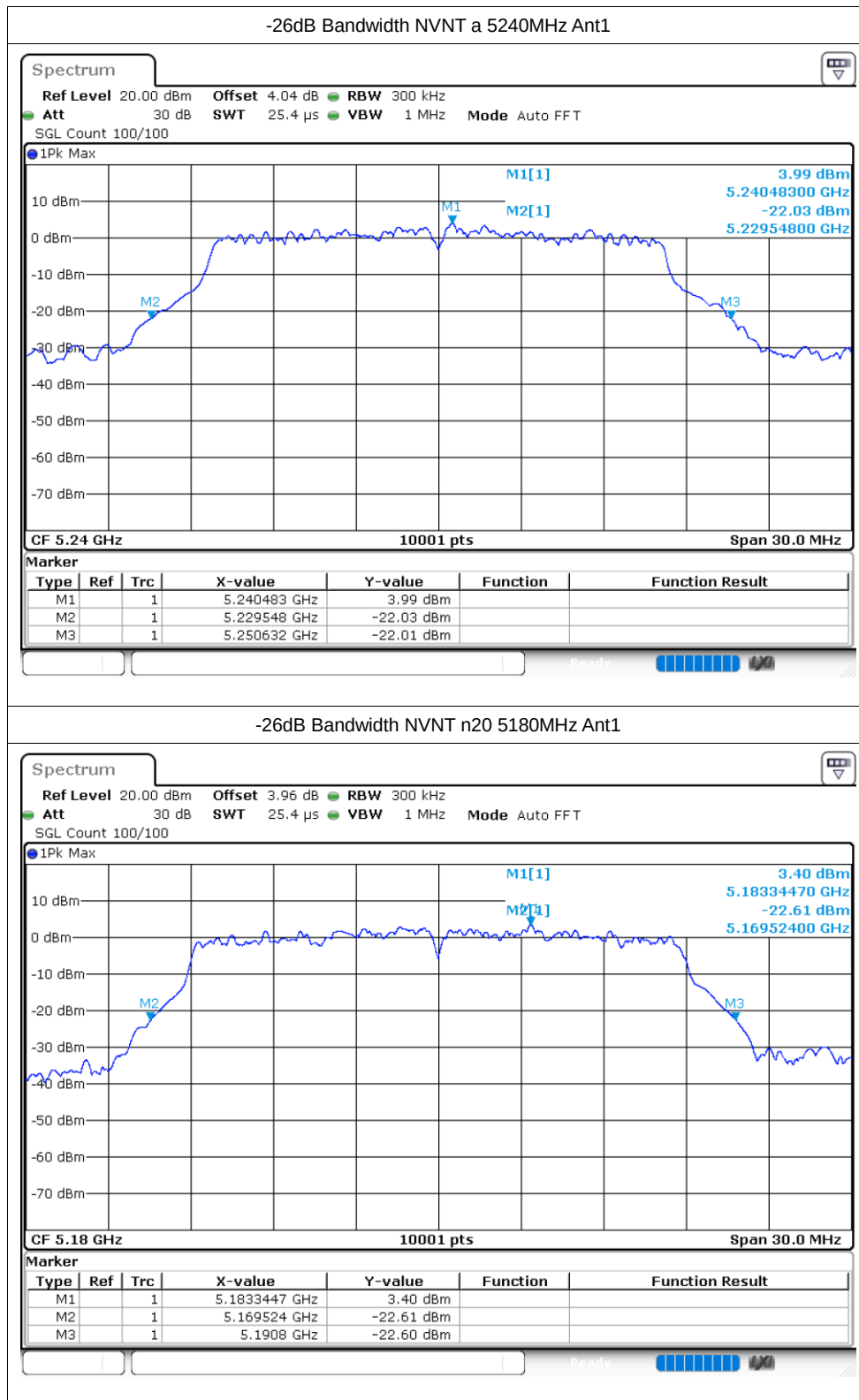
# Test Graphs

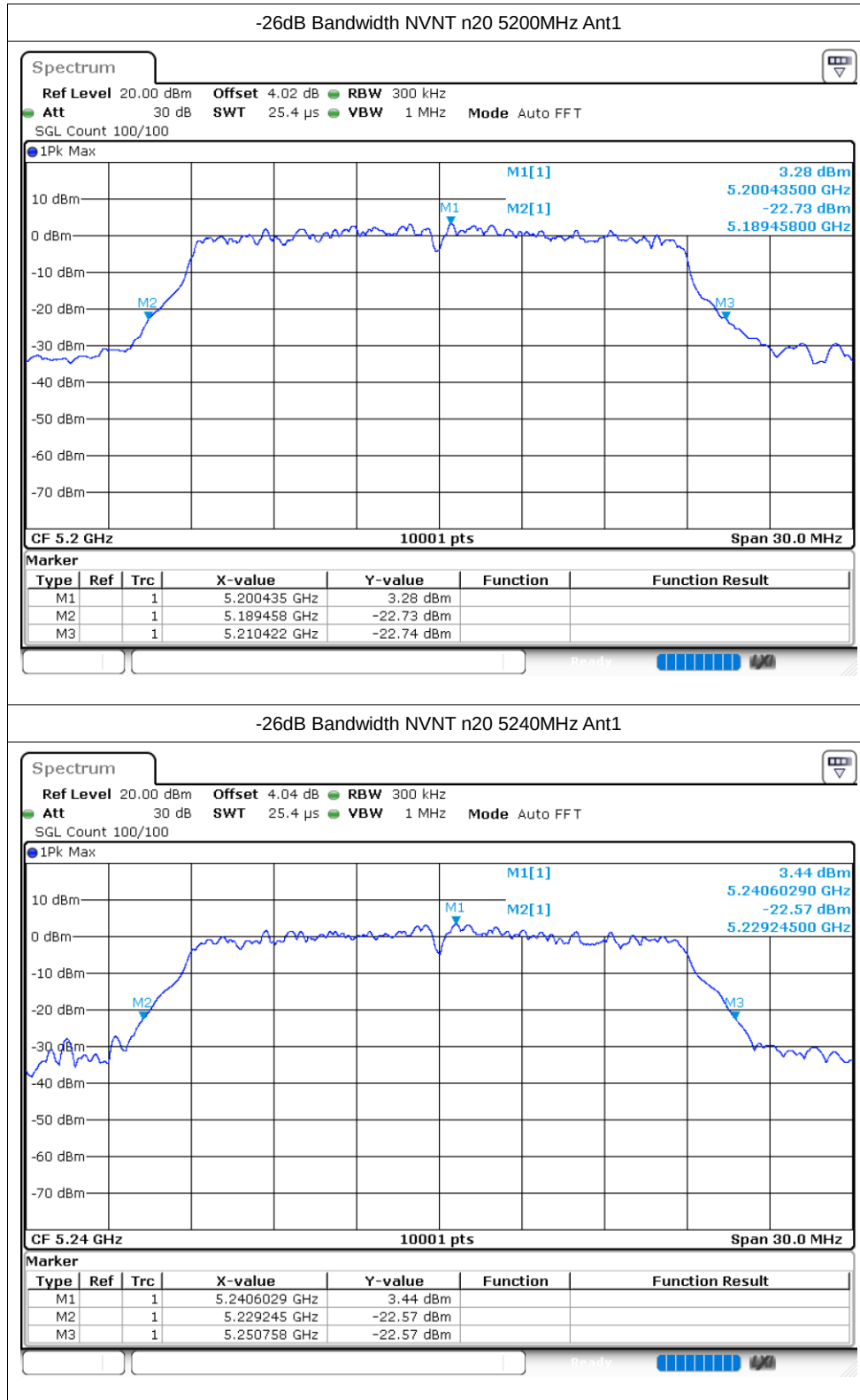
## -26dB Bandwidth NVNT a 5180MHz Ant1

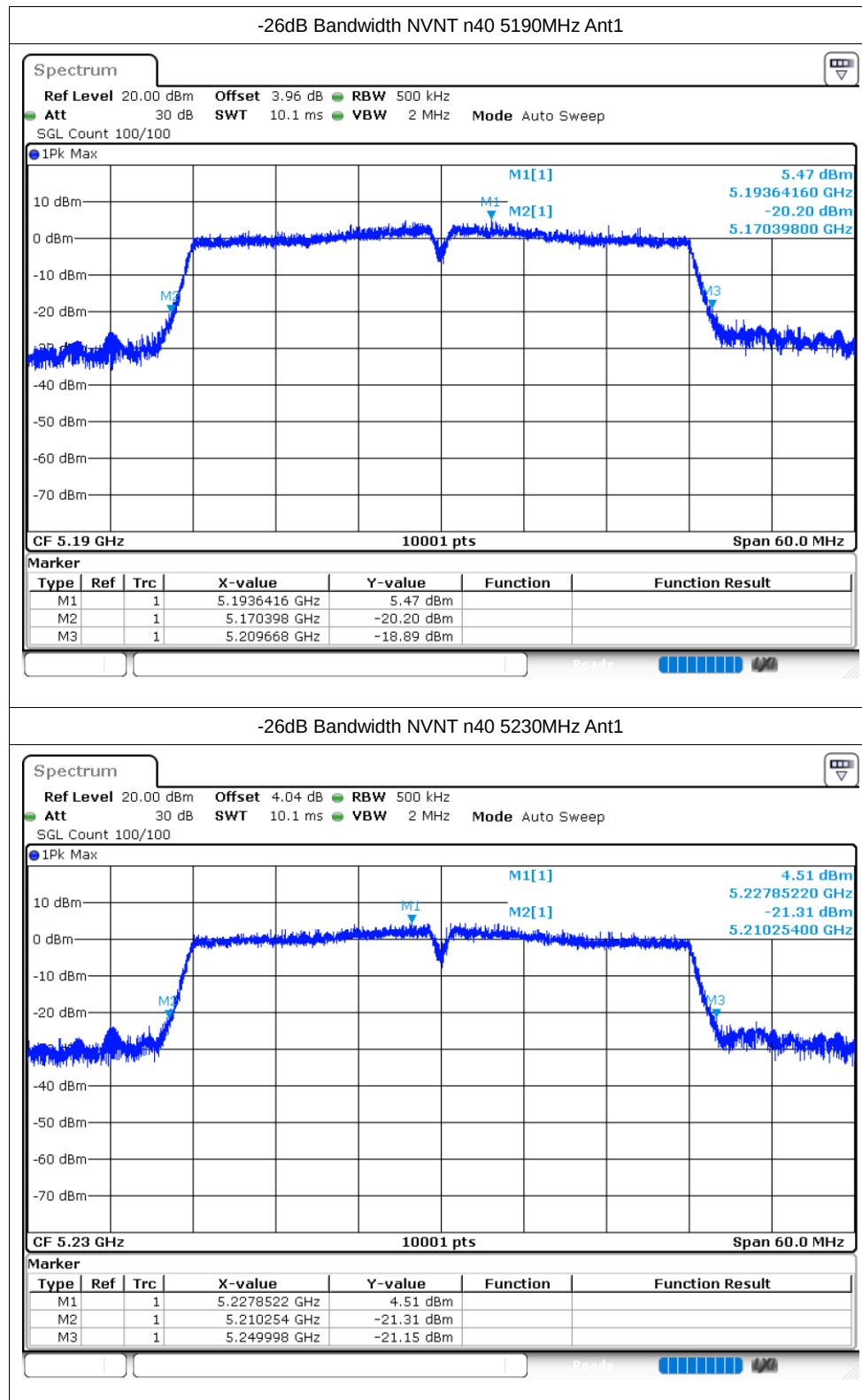


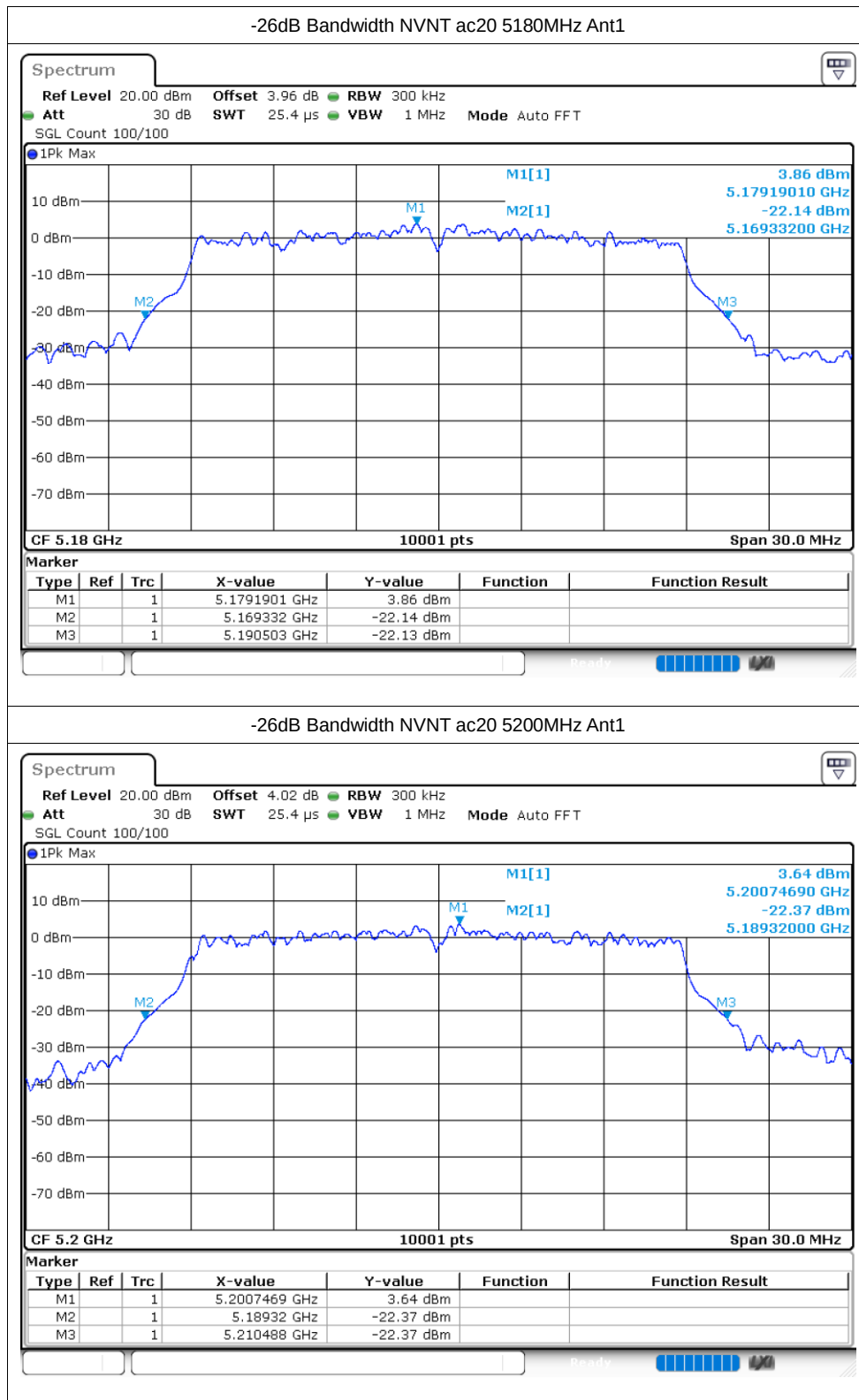
## -26dB Bandwidth NVNT a 5200MHz Ant1

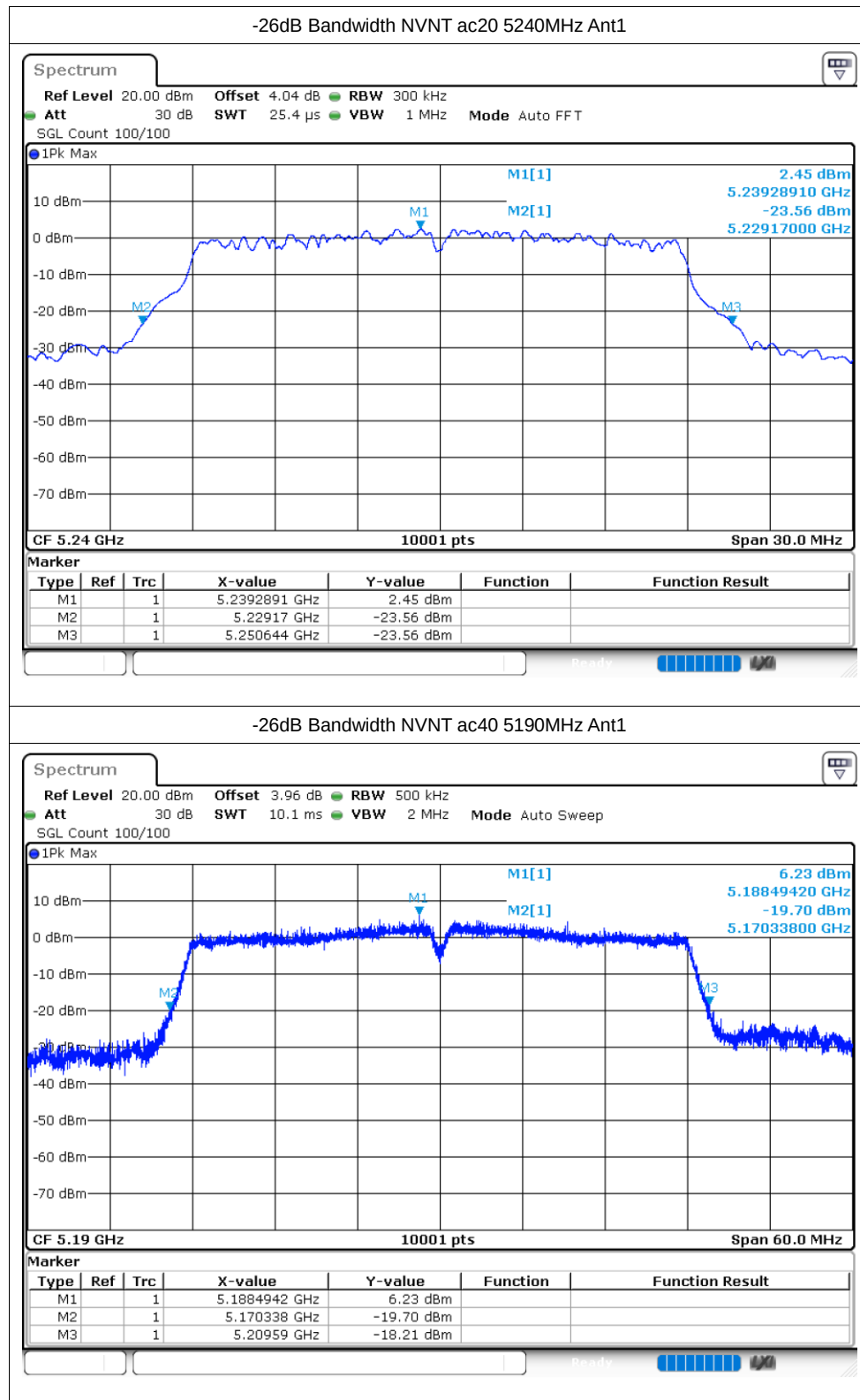


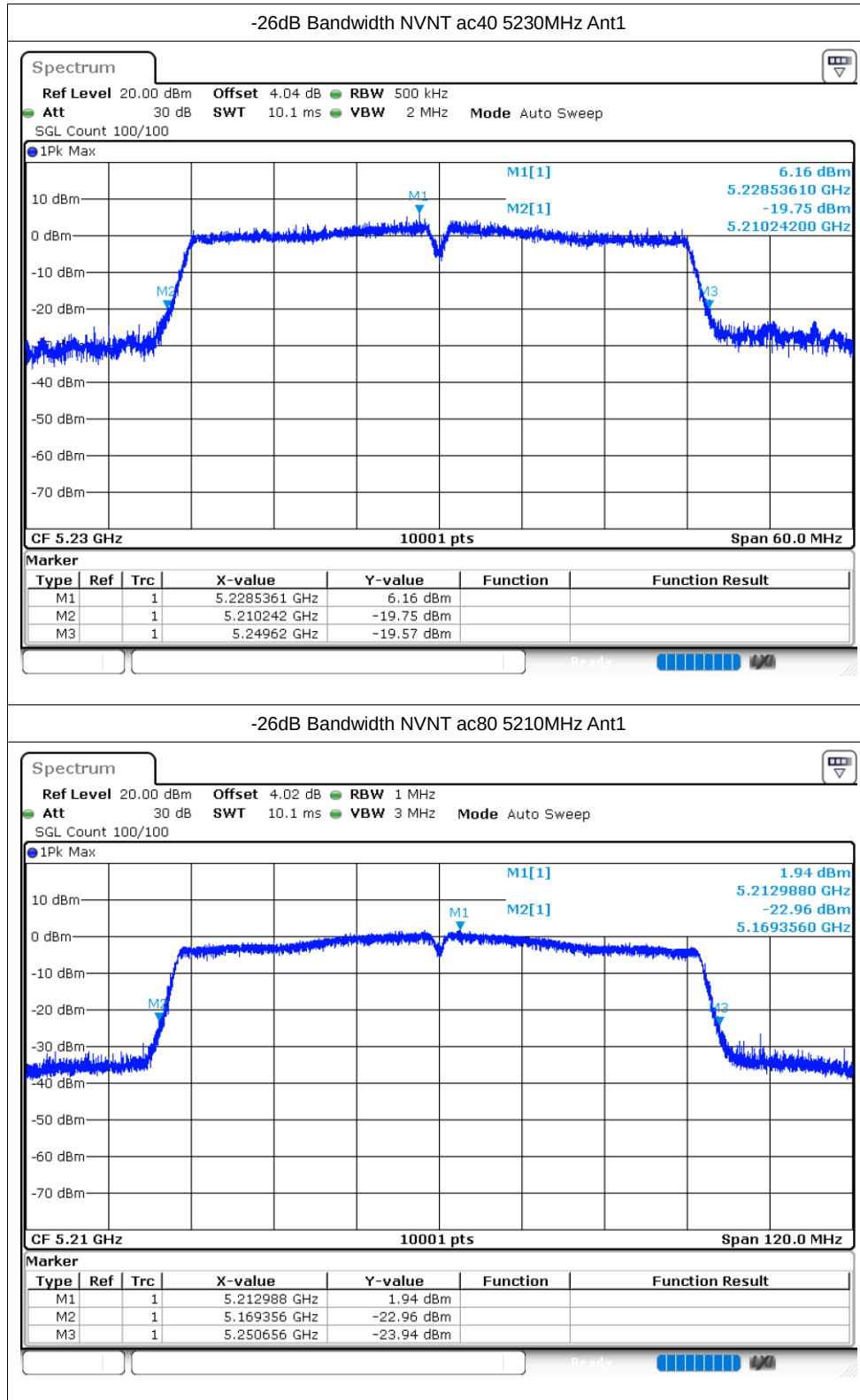










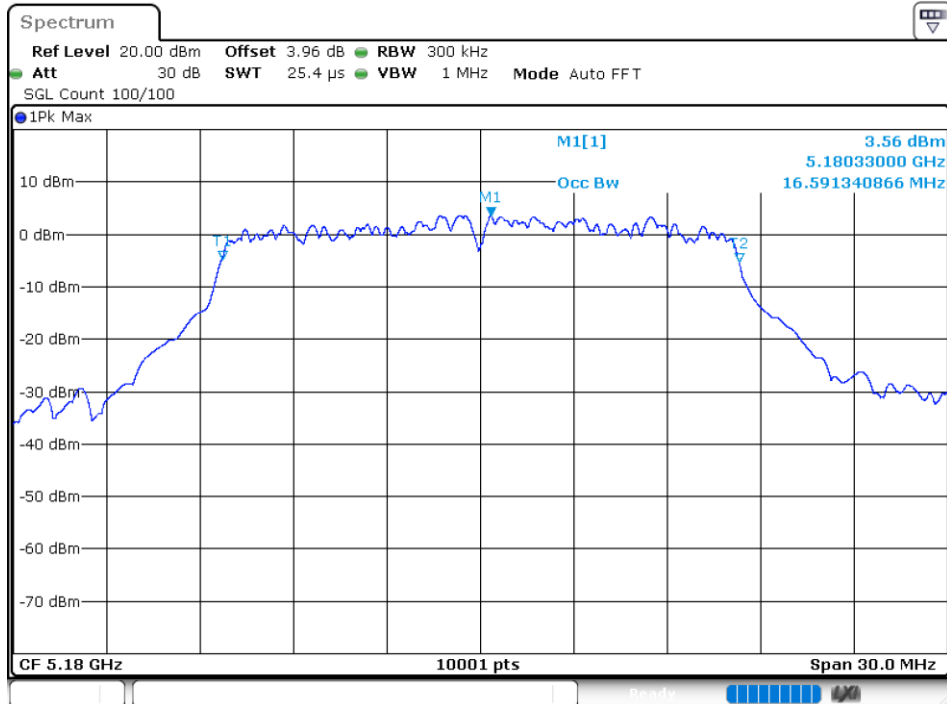


## Occupied Channel Bandwidth

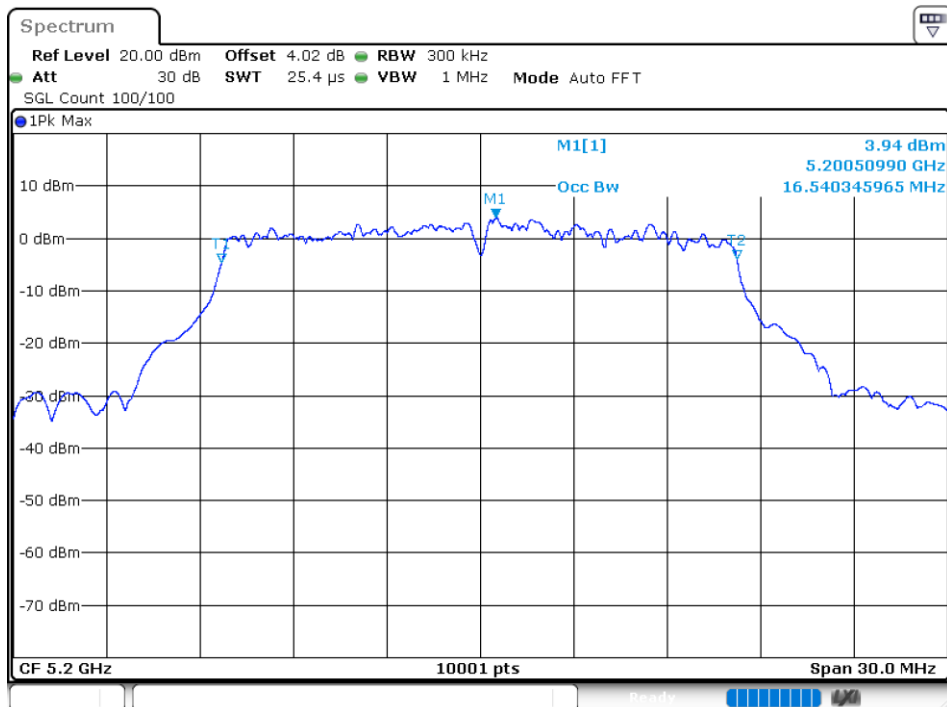
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5180            | Ant1    | 16.591        |
| NVNT      | a    | 5200            | Ant1    | 16.54         |
| NVNT      | a    | 5240            | Ant1    | 16.672        |
| NVNT      | n20  | 5180            | Ant1    | 17.755        |
| NVNT      | n20  | 5200            | Ant1    | 17.668        |
| NVNT      | n20  | 5240            | Ant1    | 17.671        |
| NVNT      | n40  | 5190            | Ant1    | 36.206        |
| NVNT      | n40  | 5230            | Ant1    | 36.2          |
| NVNT      | ac20 | 5180            | Ant1    | 17.824        |
| NVNT      | ac20 | 5200            | Ant1    | 17.8          |
| NVNT      | ac20 | 5240            | Ant1    | 17.806        |
| NVNT      | ac40 | 5190            | Ant1    | 36.2          |
| NVNT      | ac40 | 5230            | Ant1    | 36.254        |
| NVNT      | ac80 | 5210            | Ant1    | 75.328        |

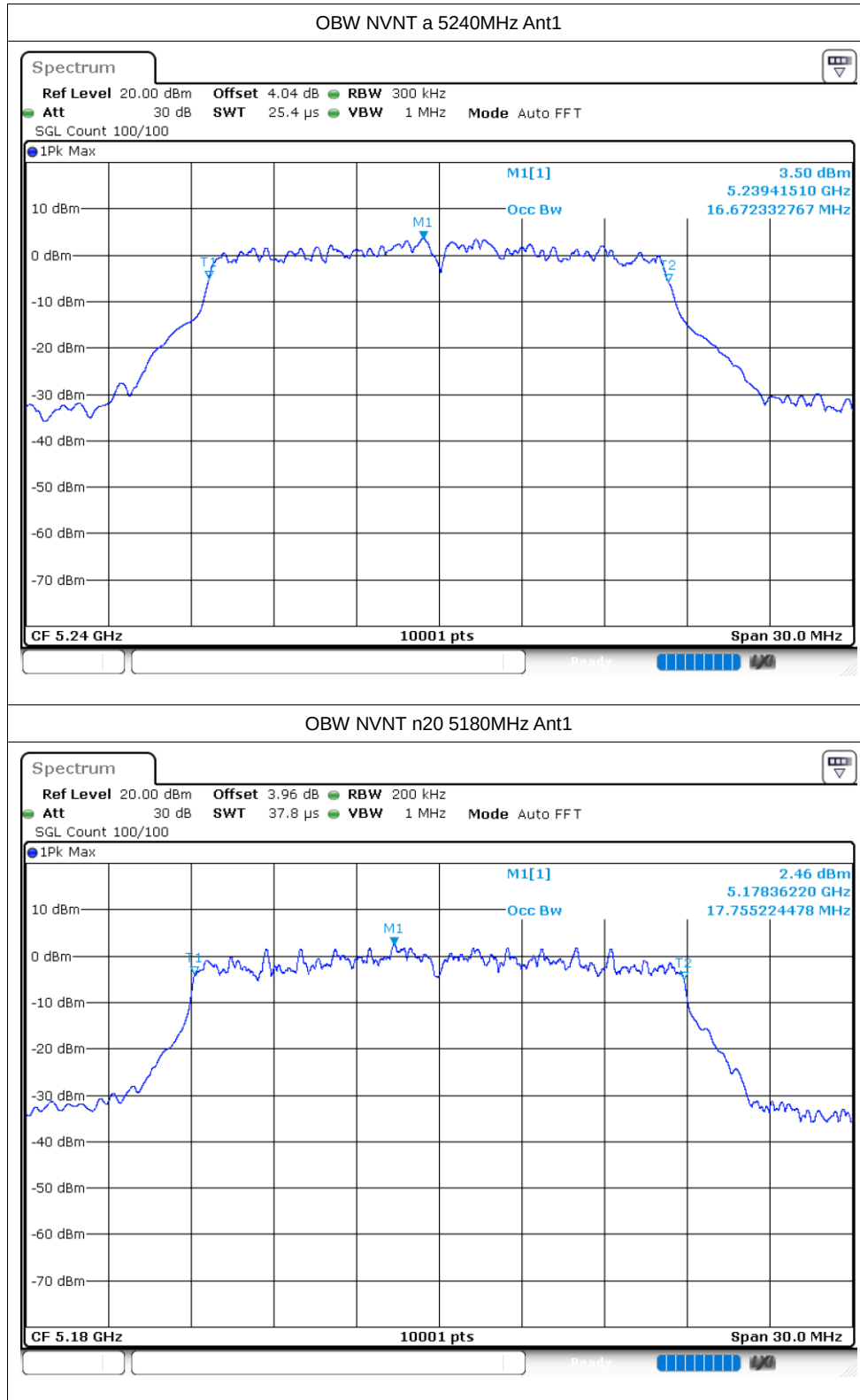
# Test Graphs

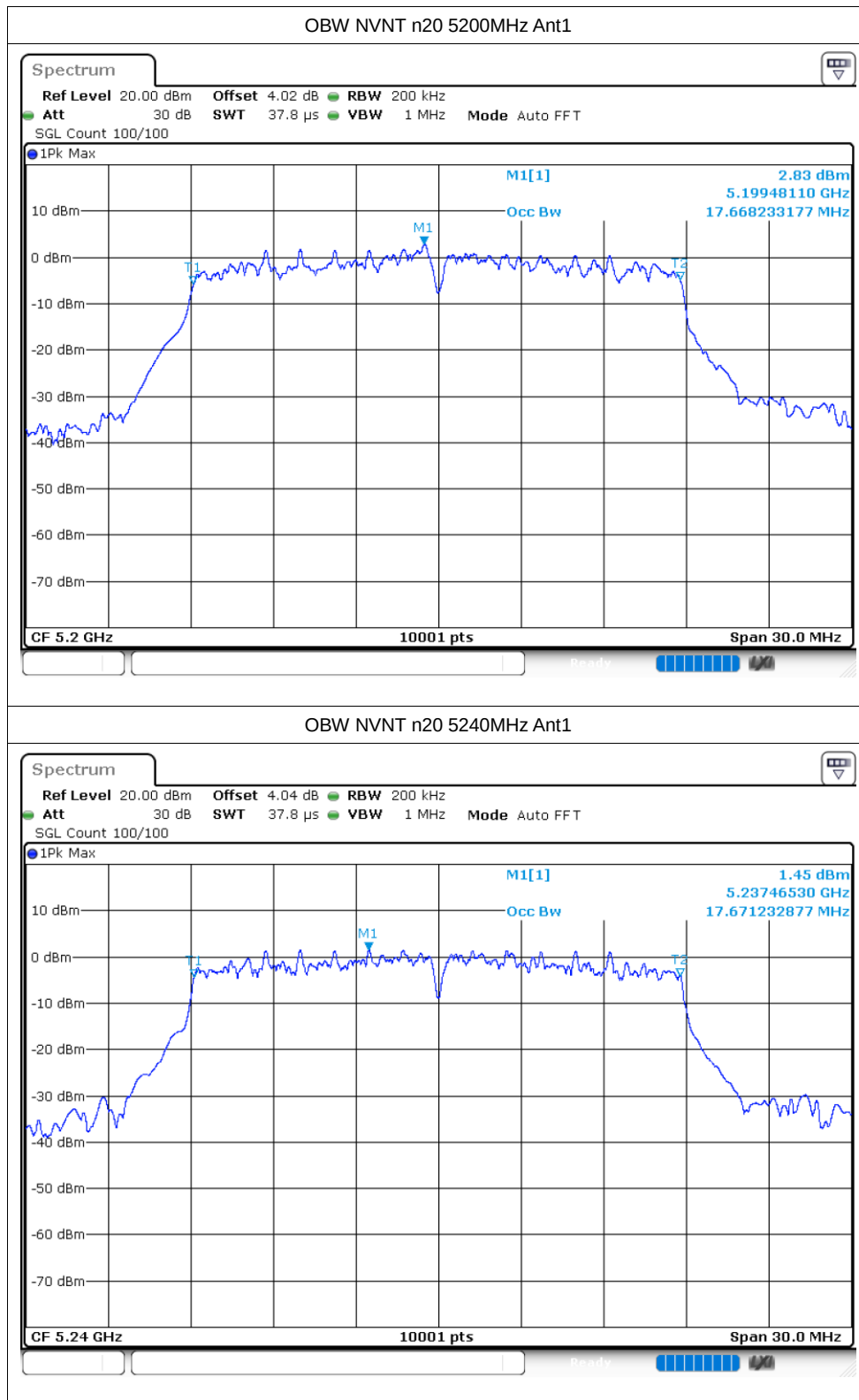
## OBW NVNT a 5180MHz Ant1

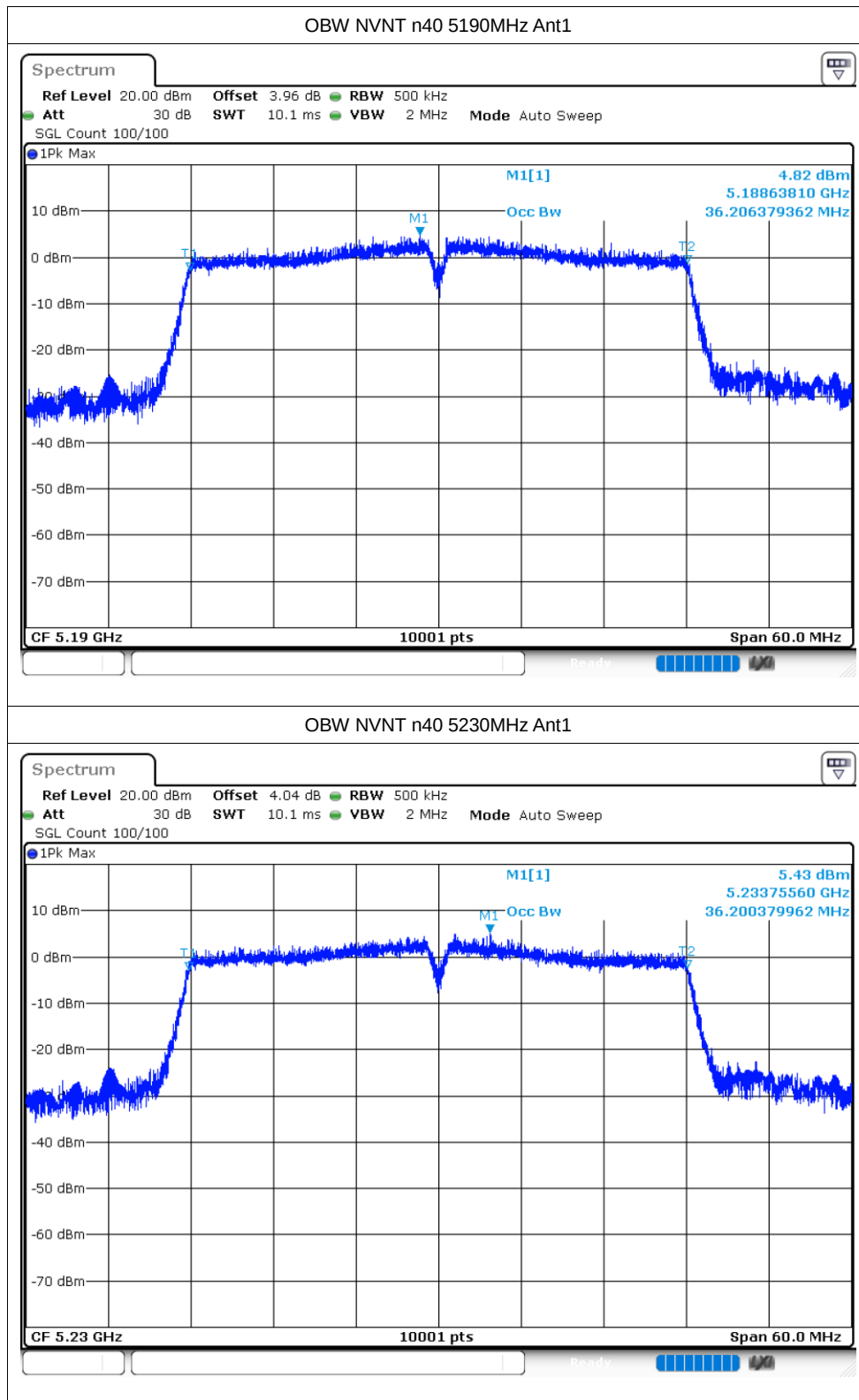


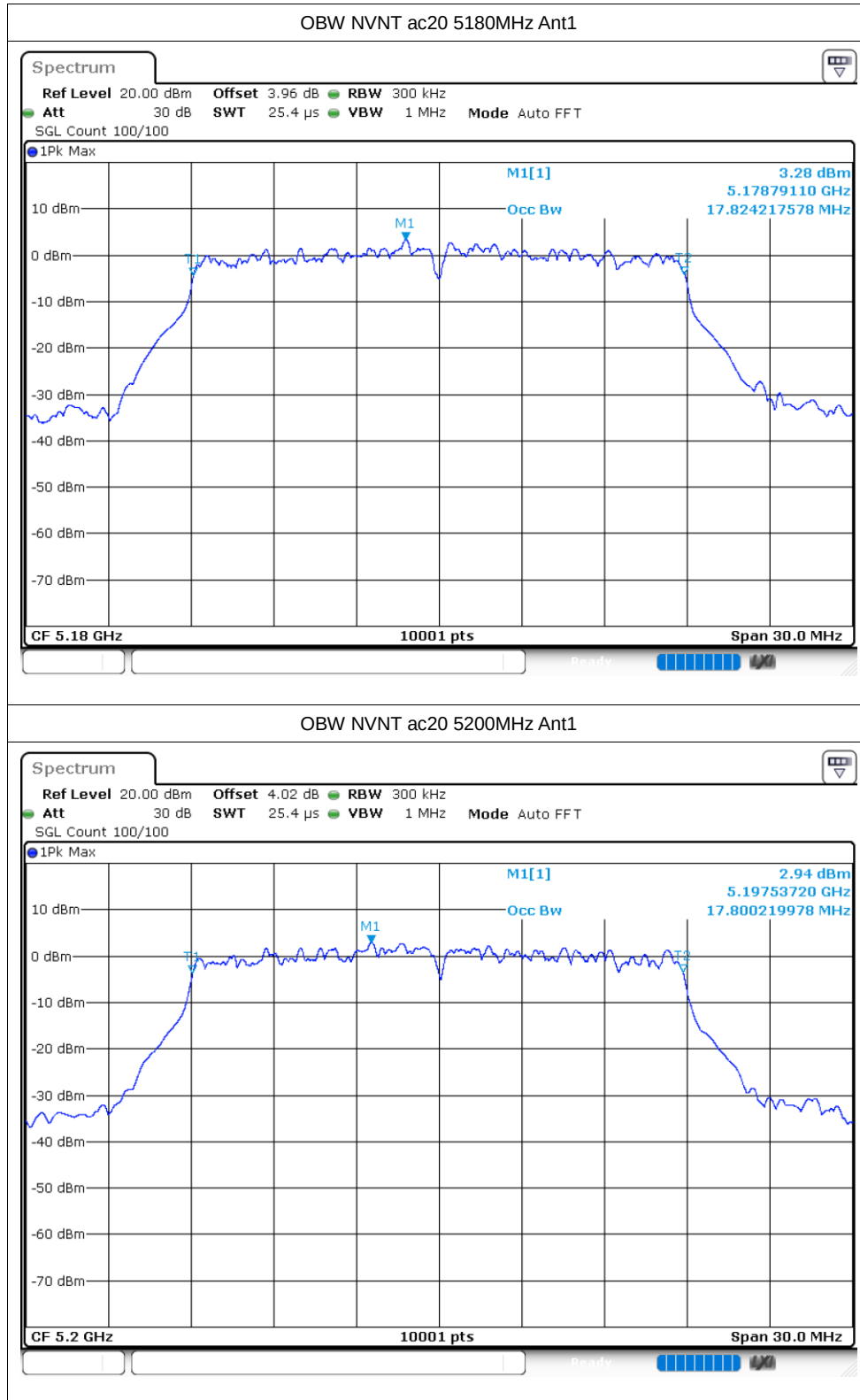
## OBW NVNT a 5200MHz Ant1

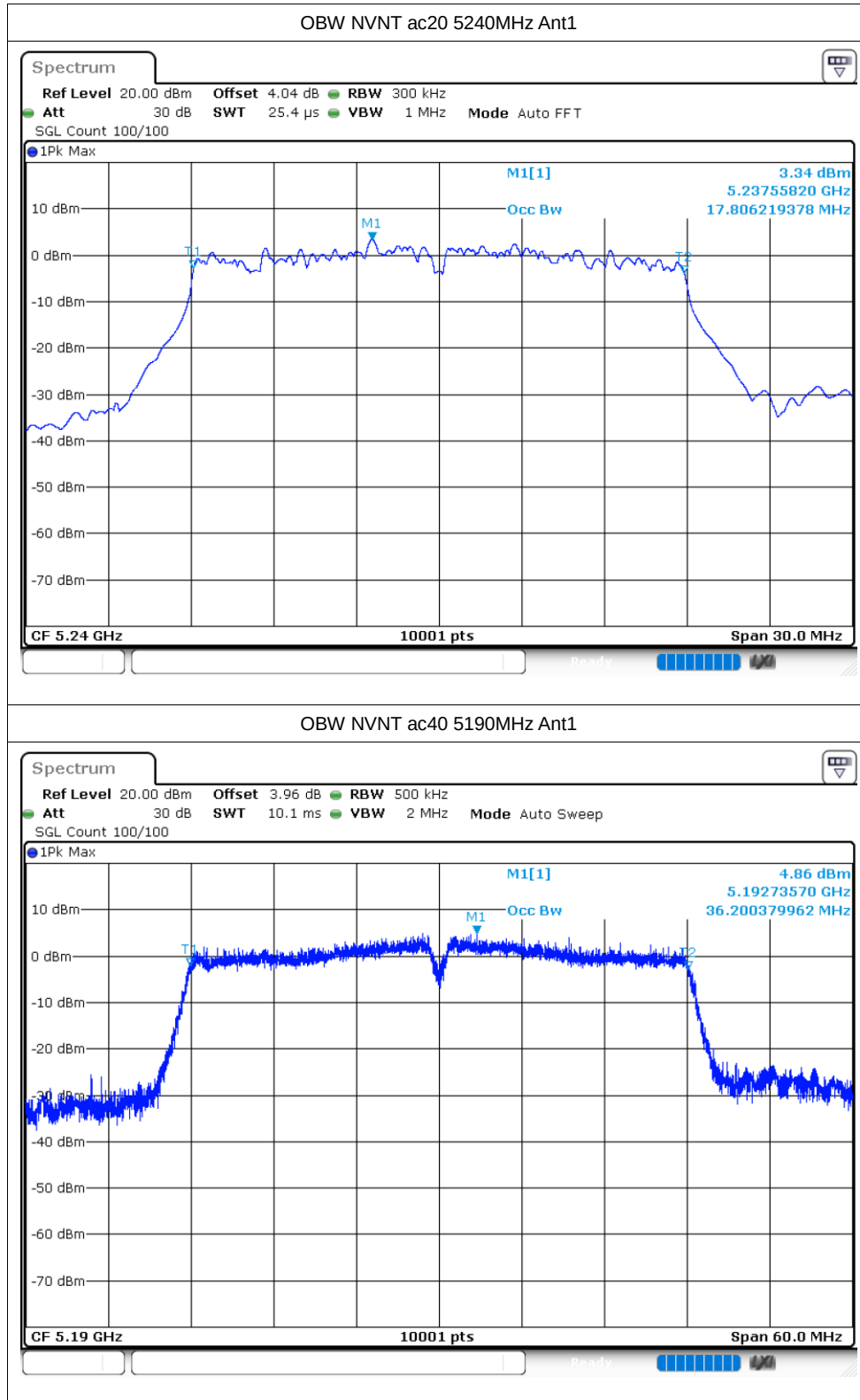


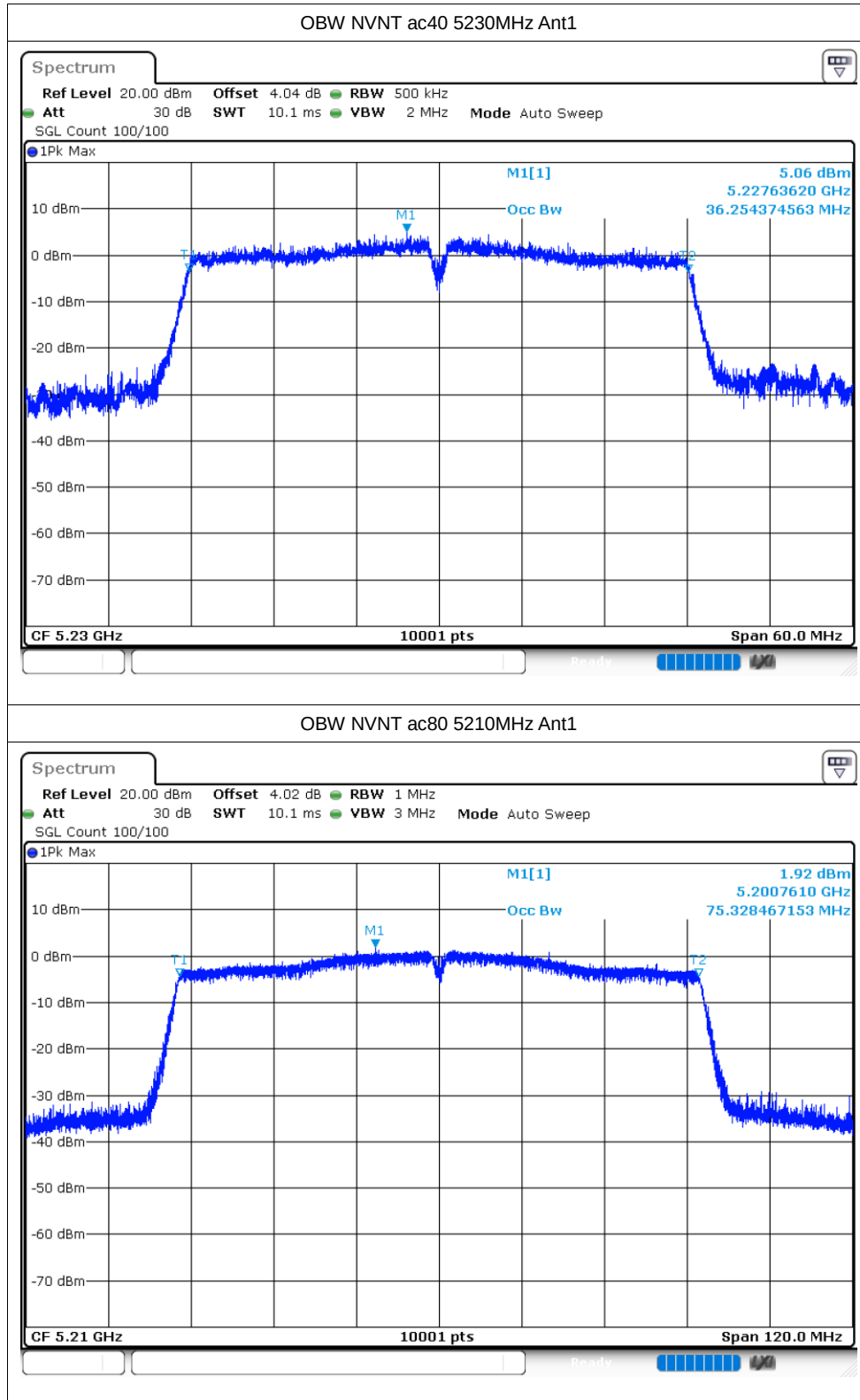










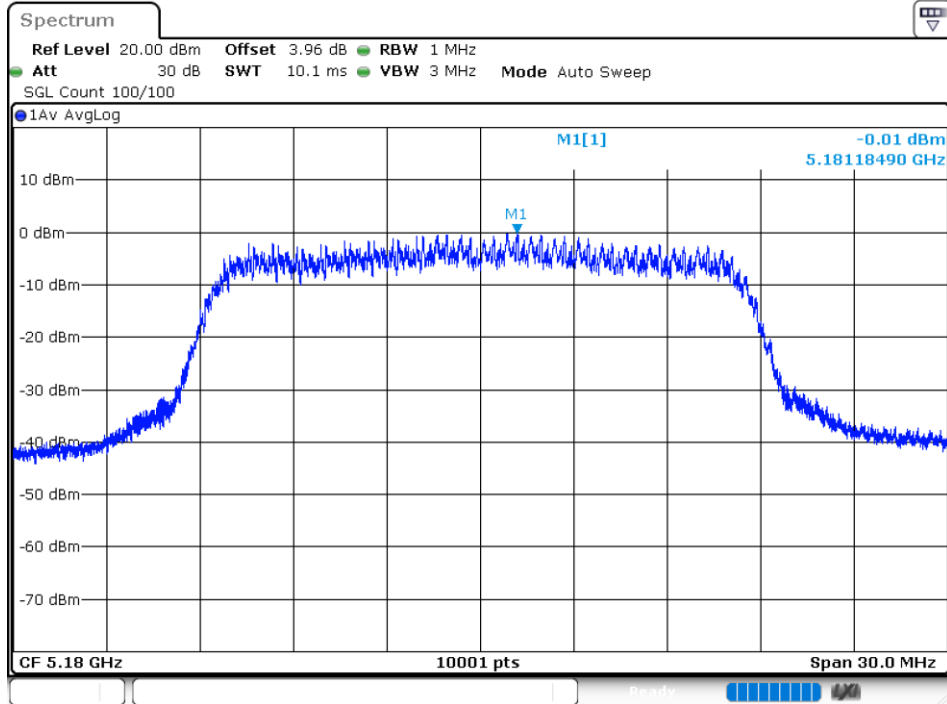


## Maximum Power Spectral Density Level

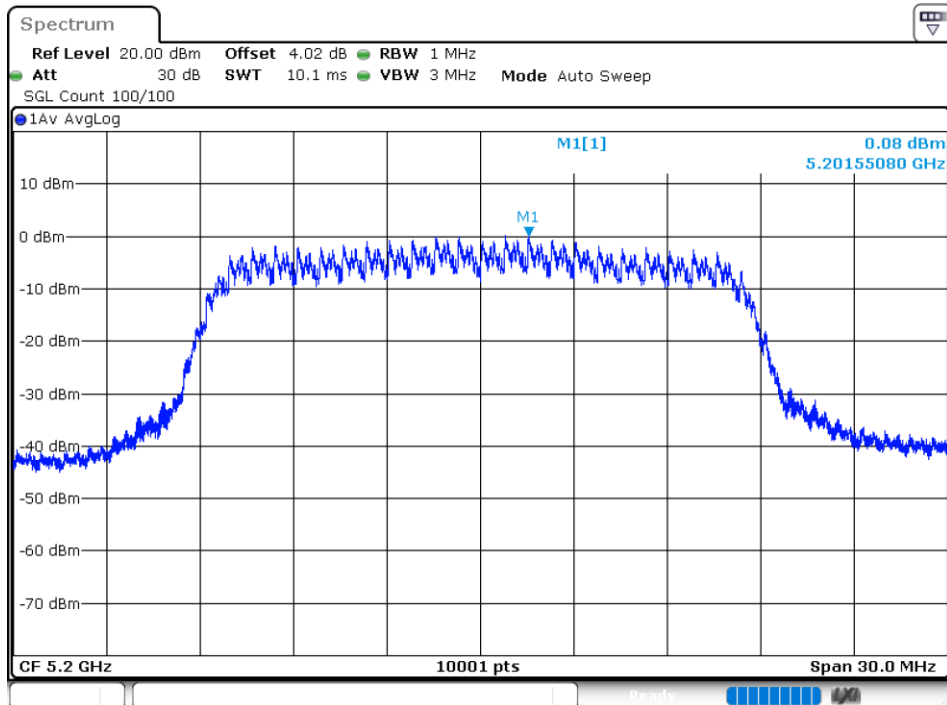
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | -0.01               | 0.17             | 0.16            | 10.16       | Pass    |
| NVNT      | a    | 5200            | Ant1    | 0.08                | 0.17             | 0.25            | 10.16       | Pass    |
| NVNT      | a    | 5240            | Ant1    | -0.7                | 0.17             | -0.53           | 10.16       | Pass    |
| NVNT      | n20  | 5180            | Ant1    | -7.9                | 0.88             | -7.02           | 10.16       | Pass    |
| NVNT      | n20  | 5200            | Ant1    | -8.38               | 0.88             | -7.5            | 10.16       | Pass    |
| NVNT      | n20  | 5240            | Ant1    | -7.4                | 0.88             | -6.52           | 10.16       | Pass    |
| NVNT      | n40  | 5190            | Ant1    | -17.99              | 2.14             | -15.85          | 10.16       | Pass    |
| NVNT      | n40  | 5230            | Ant1    | -23.04              | 2.15             | -20.89          | 10.16       | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | -12.5               | 1.55             | -10.95          | 10.16       | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | -13.61              | 1.55             | -12.06          | 10.16       | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | -14.66              | 1.55             | -13.11          | 10.16       | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | -23.44              | 2.34             | -21.1           | 10.16       | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | -15.85              | 2.4              | -13.45          | 10.16       | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | -12.66              | 0.82             | -11.84          | 10.16       | Pass    |

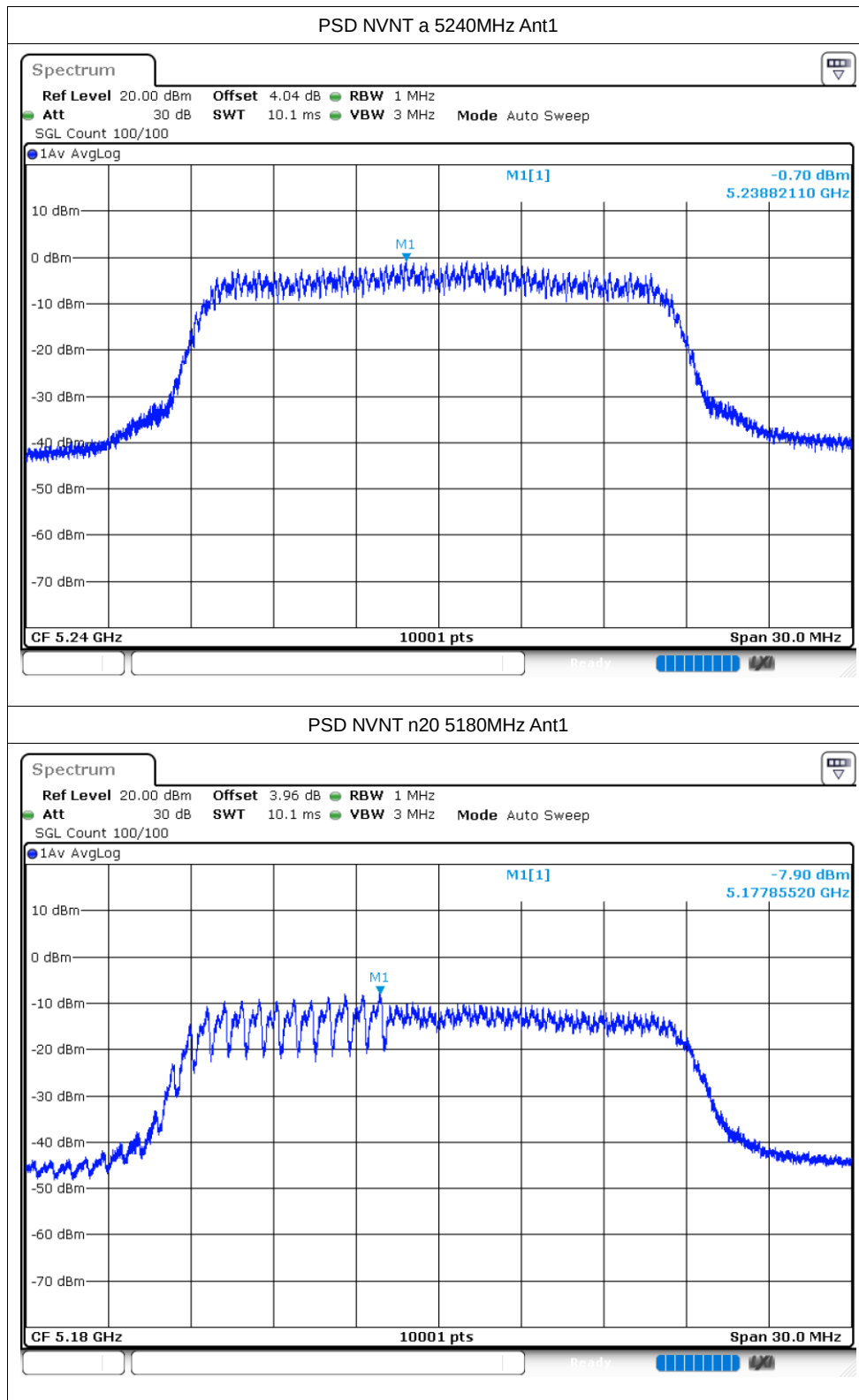
Test Graphs

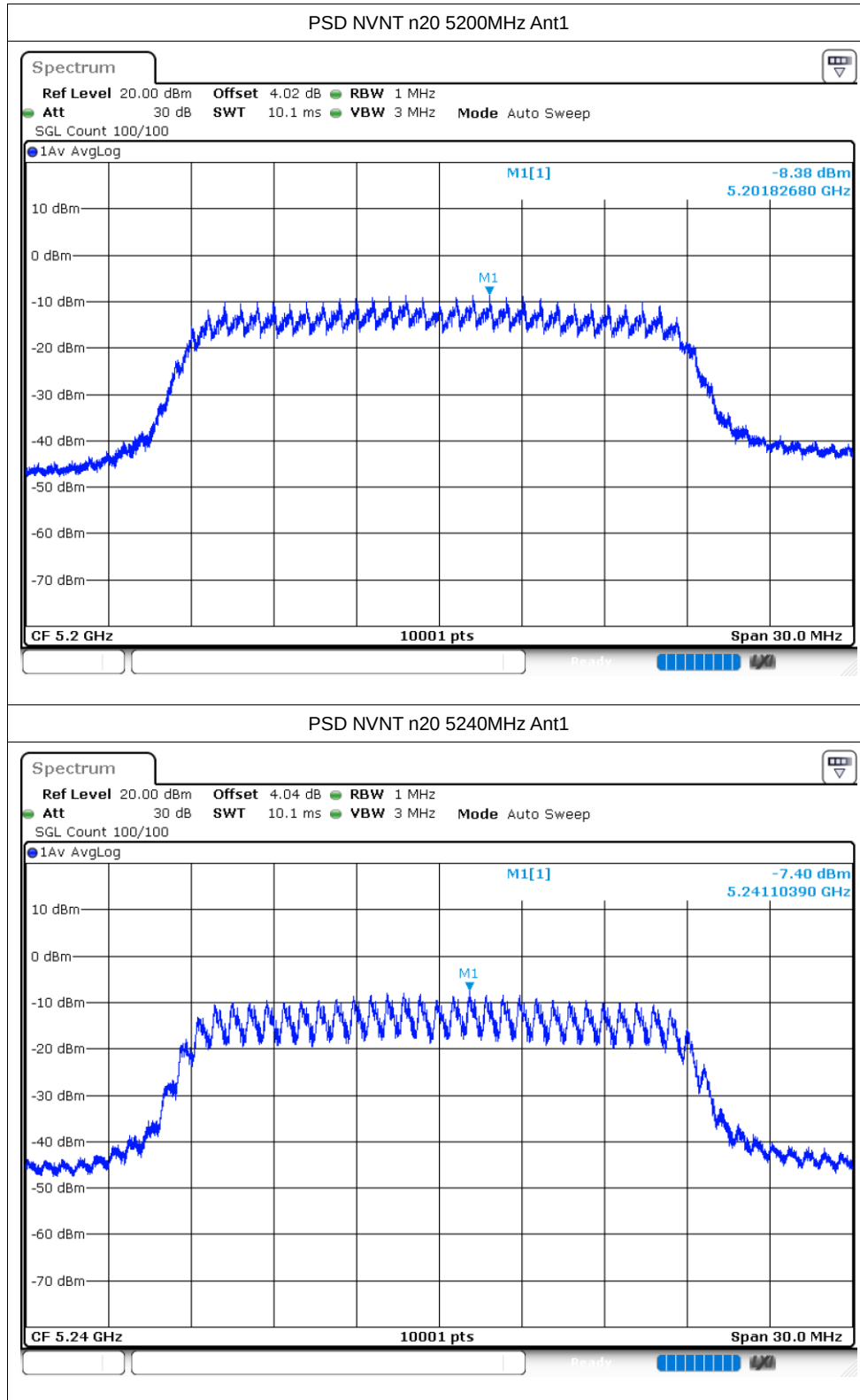
PSD NVNT a 5180MHz Ant1

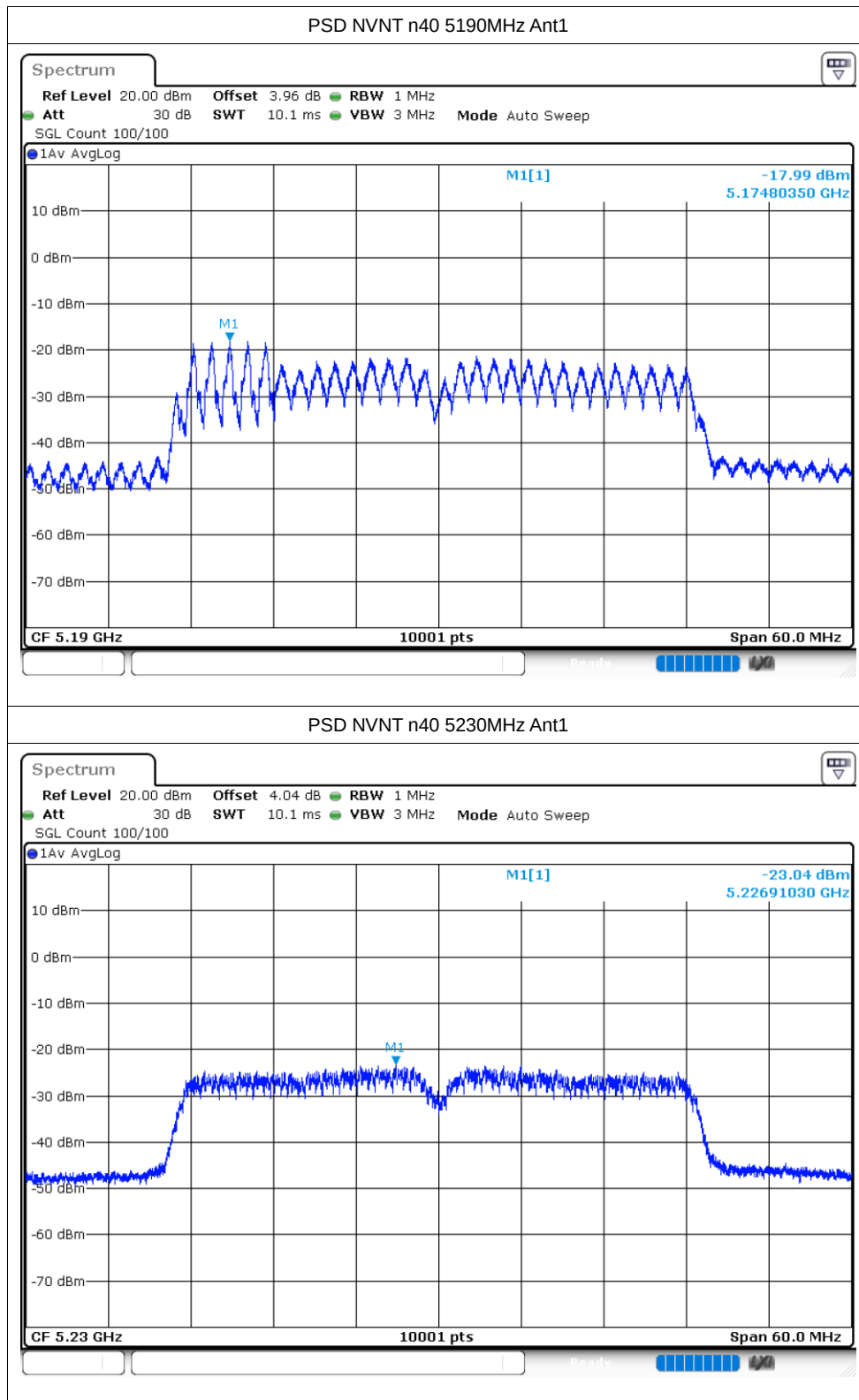


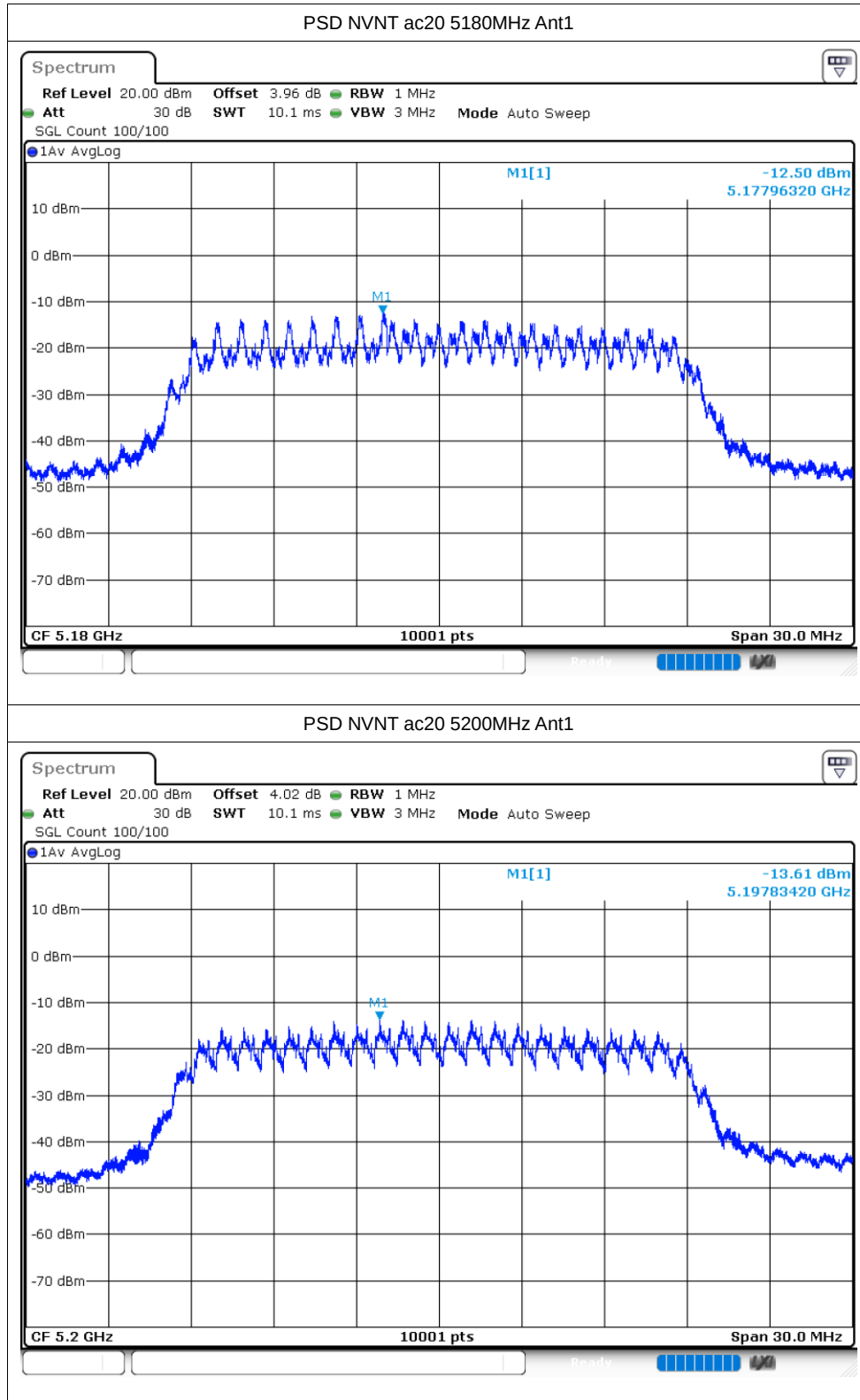
PSD NVNT a 5200MHz Ant1

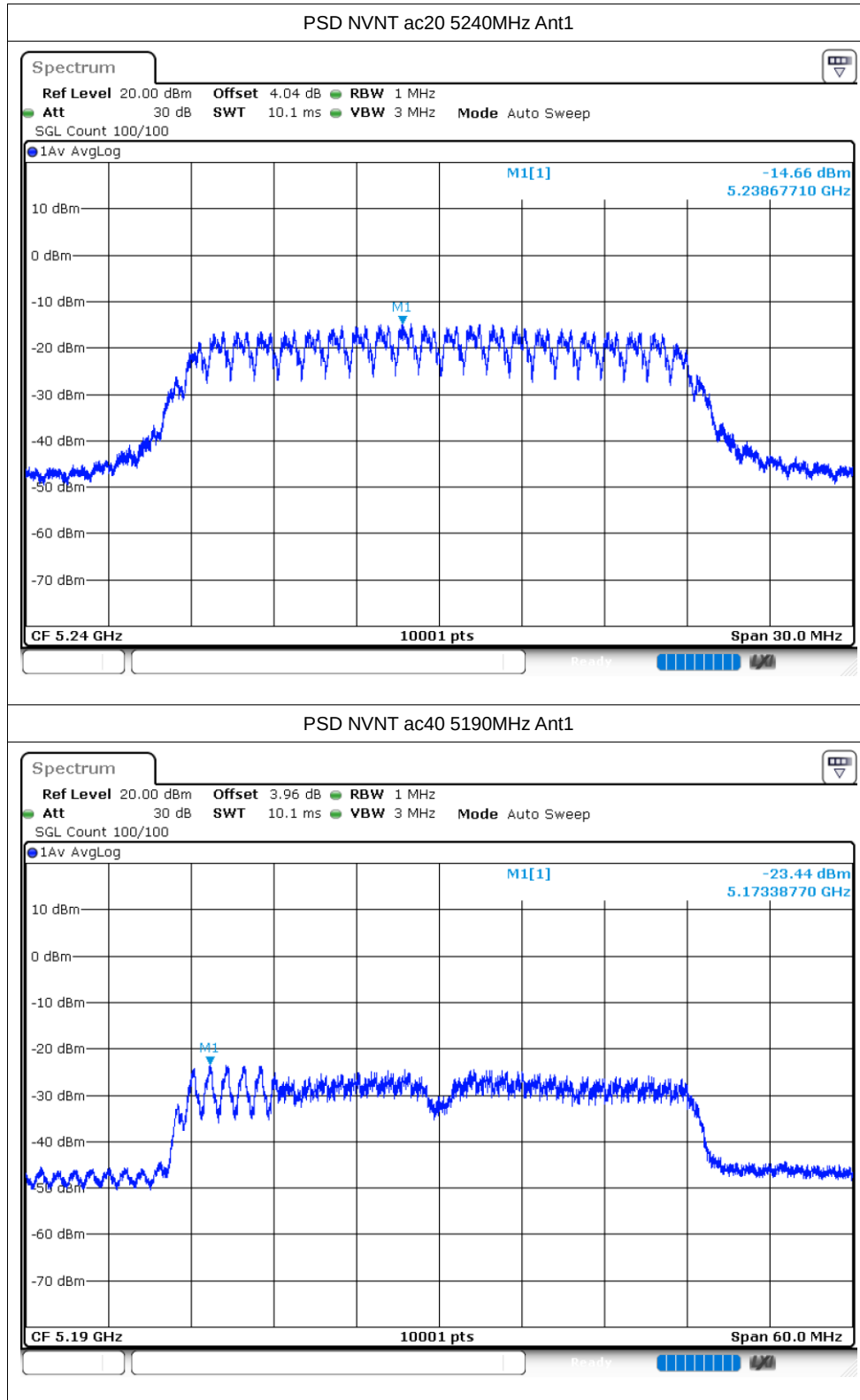


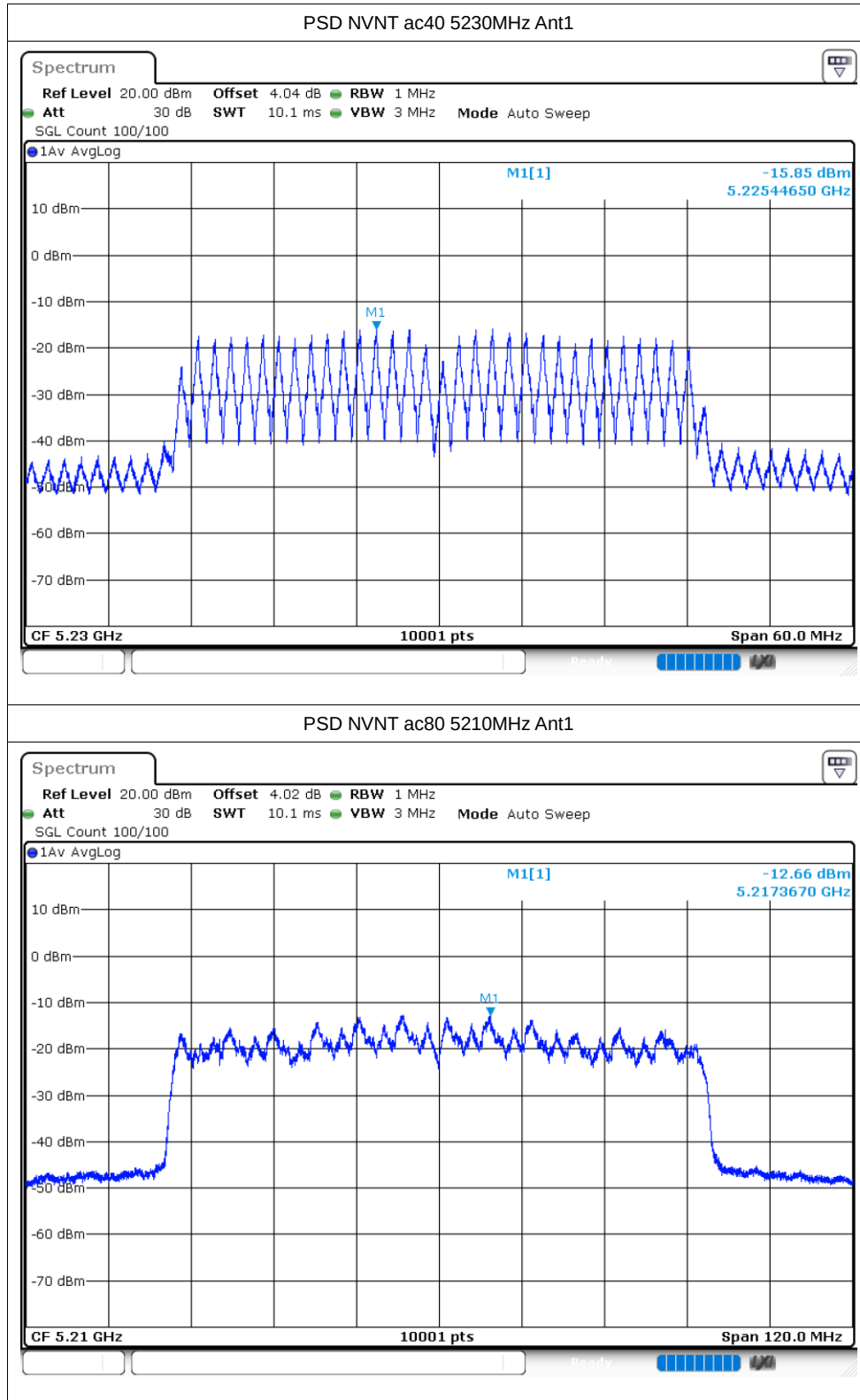












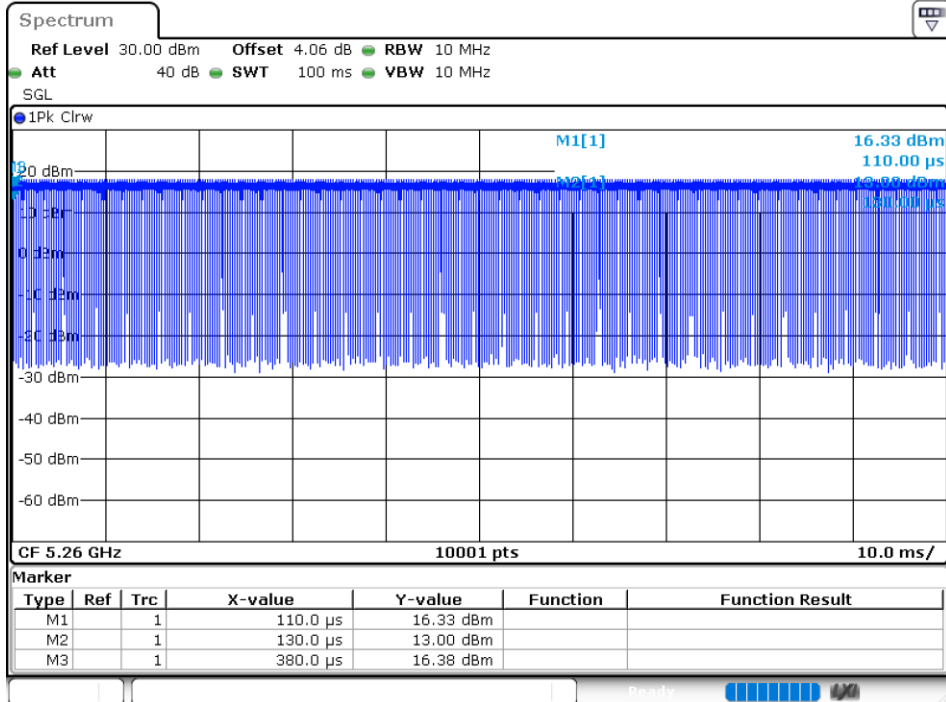
# WIFI 5.3G:

## Duty Cycle

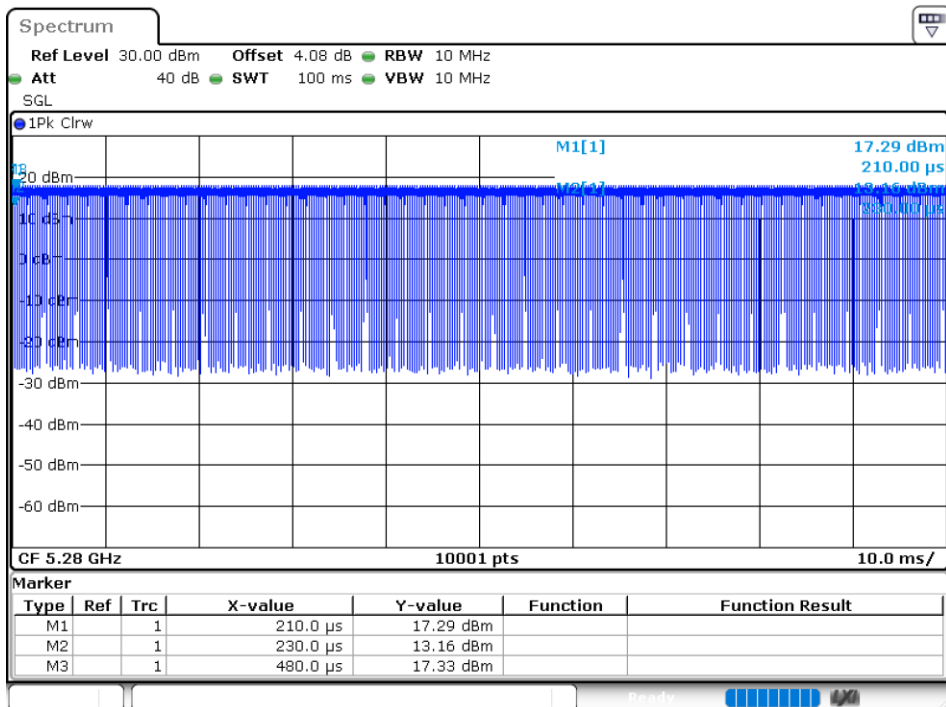
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5260            | Ant1    | 95.83          | 0.18                   | 4         |
| NVNT      | a    | 5280            | Ant1    | 95.88          | 0.18                   | 4         |
| NVNT      | a    | 5320            | Ant1    | 95.86          | 0.18                   | 4.17      |
| NVNT      | n20  | 5260            | Ant1    | 81.06          | 0.91                   | 5.88      |
| NVNT      | n20  | 5280            | Ant1    | 81.08          | 0.91                   | 5.88      |
| NVNT      | n20  | 5320            | Ant1    | 81.09          | 0.91                   | 5.88      |
| NVNT      | n40  | 5270            | Ant1    | 60.07          | 2.21                   | 7.69      |
| NVNT      | n40  | 5310            | Ant1    | 60.12          | 2.21                   | 8.33      |
| NVNT      | ac20 | 5260            | Ant1    | 69.62          | 1.57                   | 5         |
| NVNT      | ac20 | 5280            | Ant1    | 69.69          | 1.57                   | 5         |
| NVNT      | ac20 | 5320            | Ant1    | 69.57          | 1.58                   | 5         |
| NVNT      | ac40 | 5270            | Ant1    | 57.1           | 2.43                   | 9.09      |
| NVNT      | ac40 | 5310            | Ant1    | 57.16          | 2.43                   | 9.09      |
| NVNT      | ac80 | 5290            | Ant1    | 83.7           | 0.77                   | 2.17      |

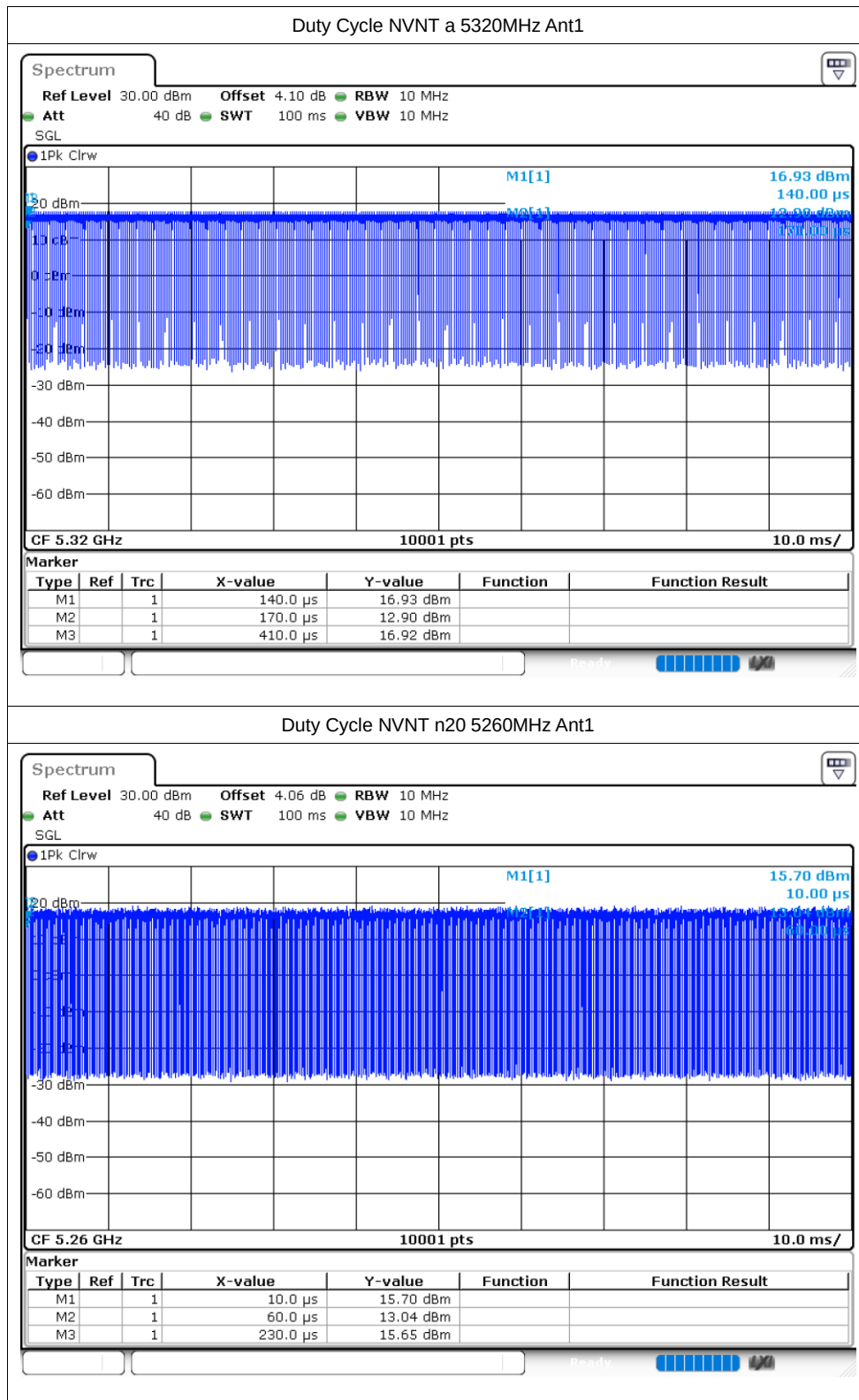
# Test Graphs

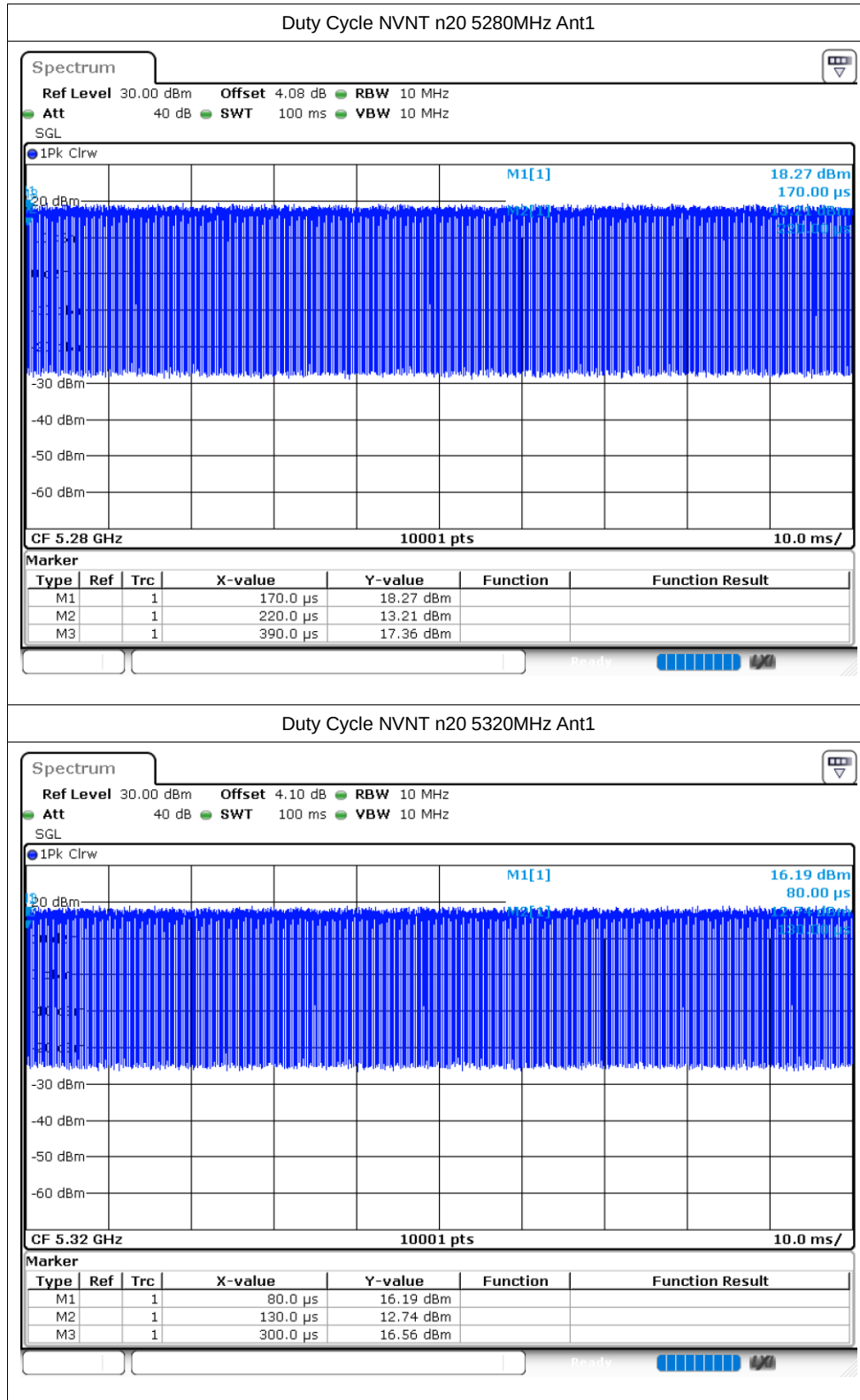
## Duty Cycle NVNT a 5260MHz Ant1

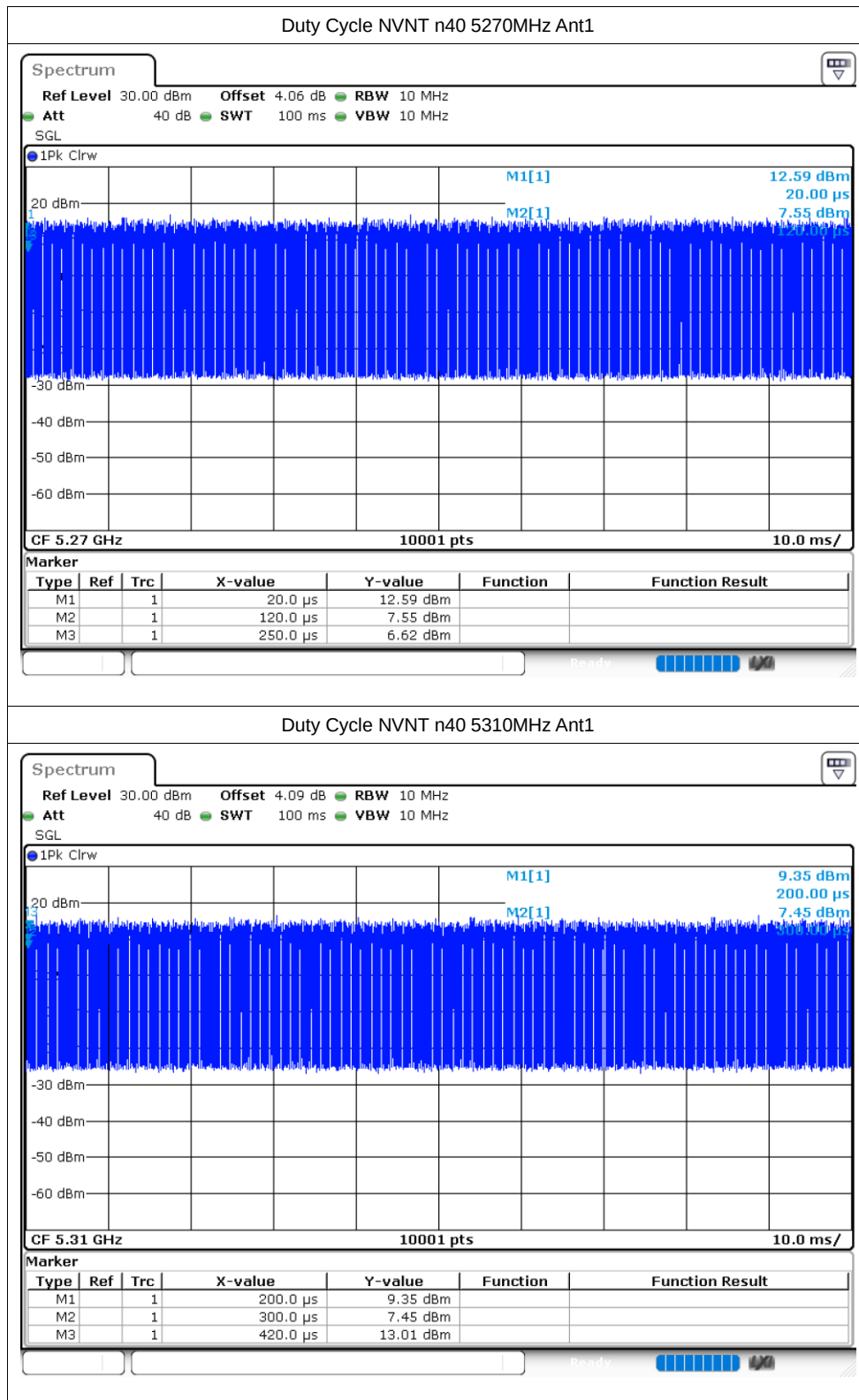


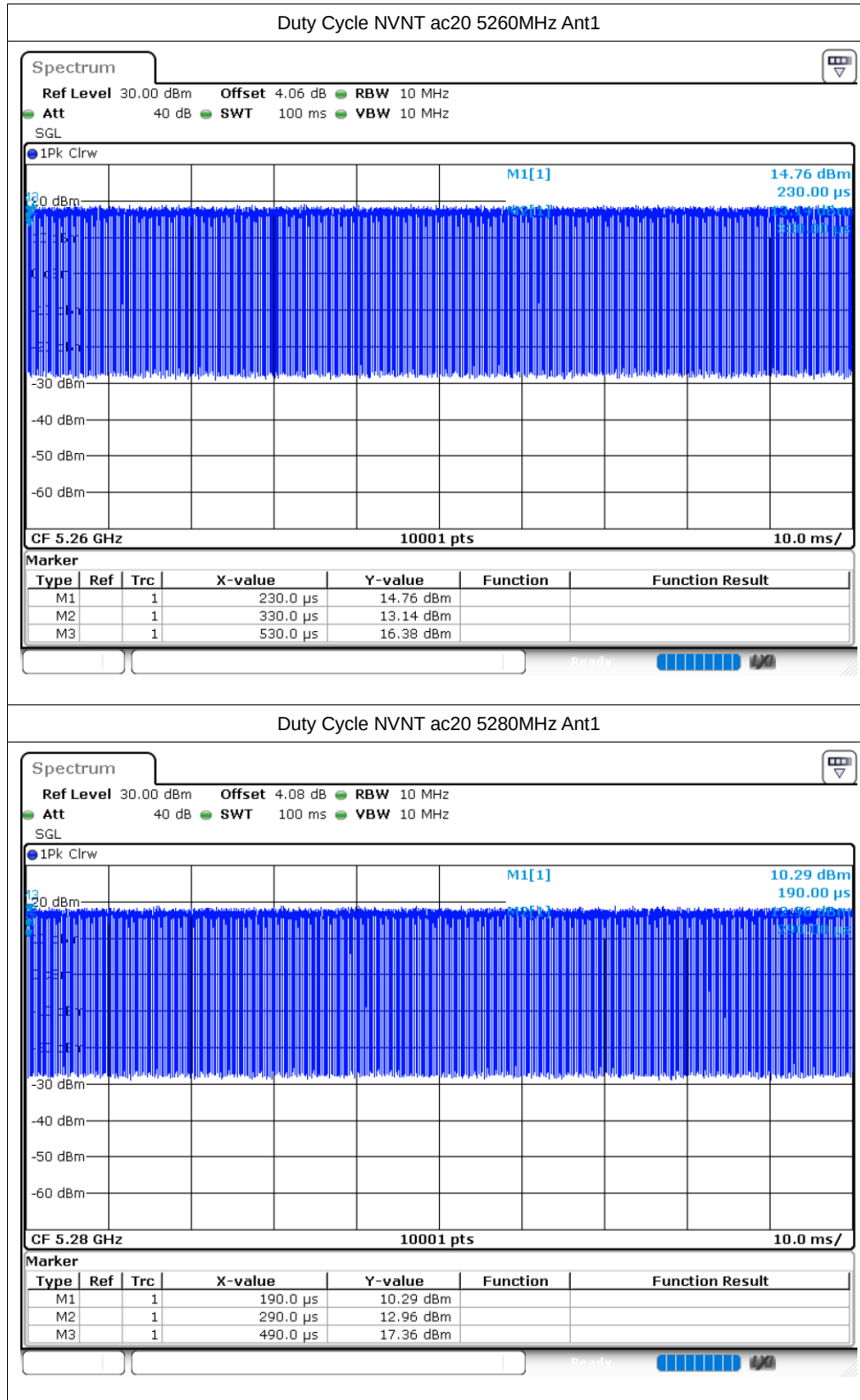
## Duty Cycle NVNT a 5280MHz Ant1

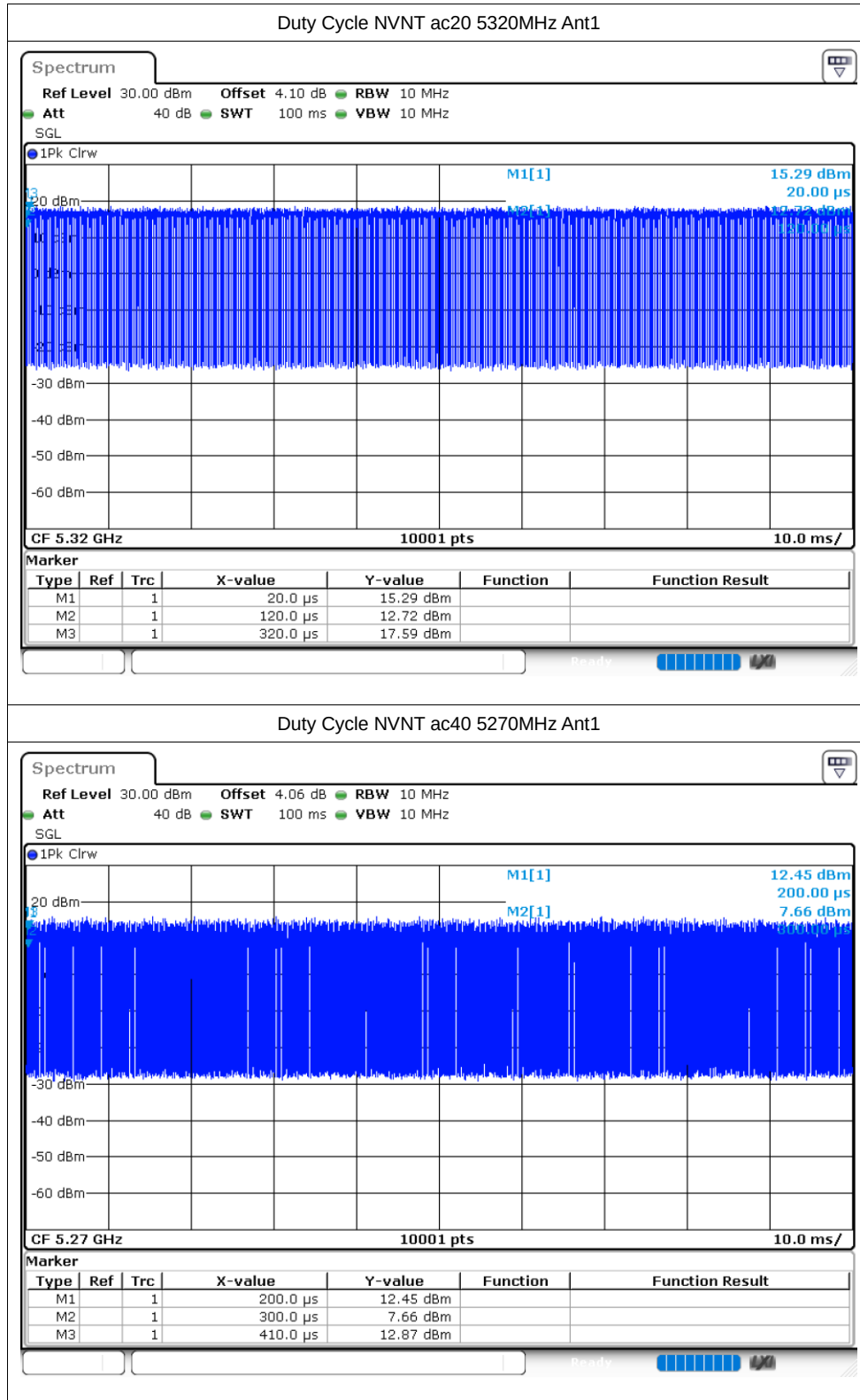


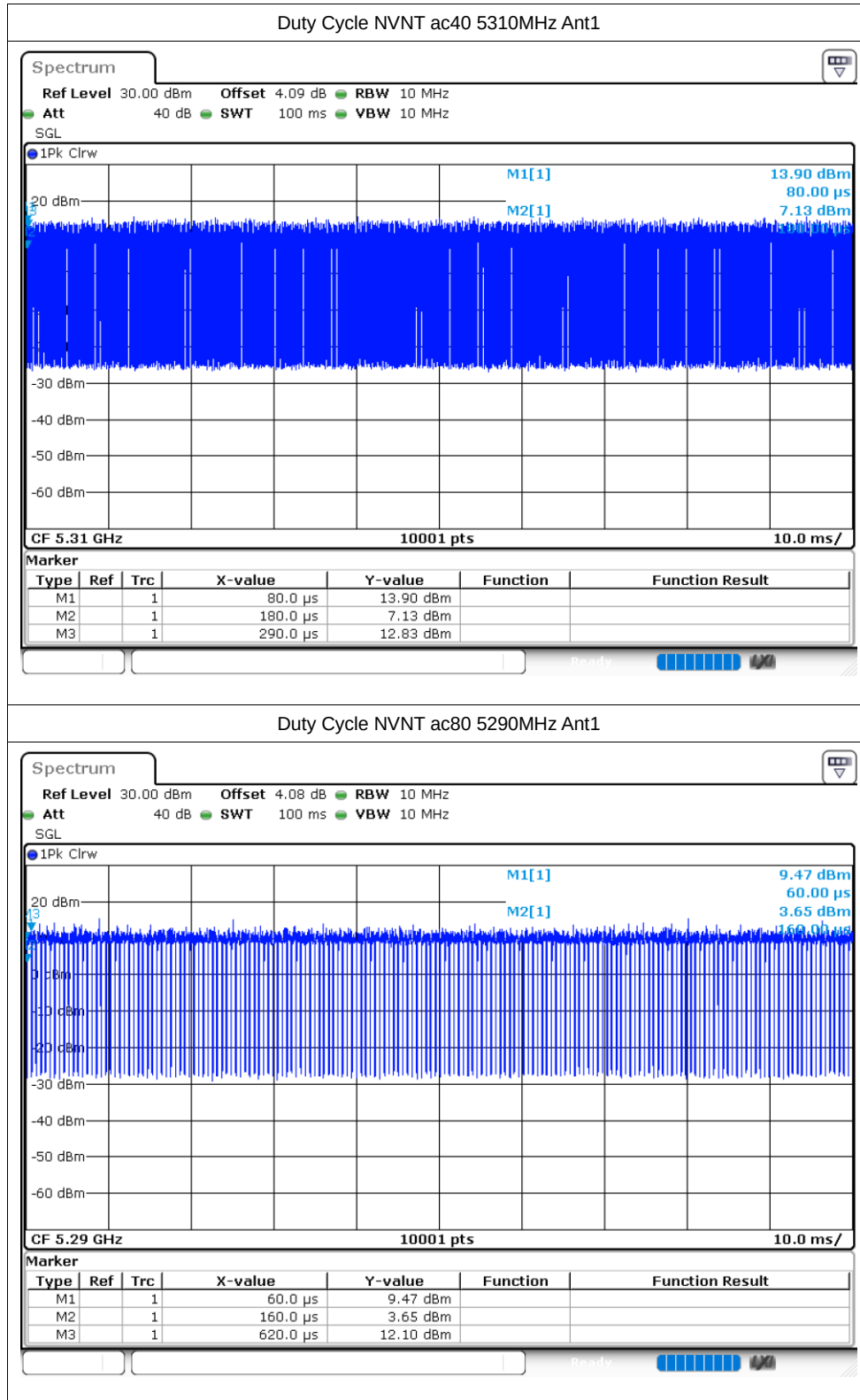












## Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | a    | 5260               | Ant1    | 7.81                     | 23.16          | Pass    |
| NVNT      | a    | 5280               | Ant1    | 7.66                     | 23.16          | Pass    |
| NVNT      | a    | 5320               | Ant1    | 7.57                     | 23.16          | Pass    |
| NVNT      | n20  | 5260               | Ant1    | 7.98                     | 23.16          | Pass    |
| NVNT      | n20  | 5280               | Ant1    | 7.9                      | 23.16          | Pass    |
| NVNT      | n20  | 5320               | Ant1    | 7.86                     | 23.16          | Pass    |
| NVNT      | n40  | 5270               | Ant1    | 6.8                      | 23.16          | Pass    |
| NVNT      | n40  | 5310               | Ant1    | 6.67                     | 23.16          | Pass    |
| NVNT      | ac20 | 5260               | Ant1    | 7.95                     | 23.16          | Pass    |
| NVNT      | ac20 | 5280               | Ant1    | 7.92                     | 23.16          | Pass    |
| NVNT      | ac20 | 5320               | Ant1    | 7.98                     | 23.16          | Pass    |
| NVNT      | ac40 | 5270               | Ant1    | 6.89                     | 23.16          | Pass    |
| NVNT      | ac40 | 5310               | Ant1    | 6.62                     | 23.16          | Pass    |
| NVNT      | ac80 | 5290               | Ant1    | 6.34                     | 23.16          | Pass    |

## -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5260            | Ant1    | 23.307                 | 0.5                          | Pass    |
| NVNT      | a    | 5280            | Ant1    | 23.562                 | 0.5                          | Pass    |
| NVNT      | a    | 5320            | Ant1    | 22.176                 | 0.5                          | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 20.742                 | 0.5                          | Pass    |
| NVNT      | n20  | 5280            | Ant1    | 21.207                 | 0.5                          | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 20.874                 | 0.5                          | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 39.762                 | 0.5                          | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 39.57                  | 0.5                          | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 20.964                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | 20.997                 | 0.5                          | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | 21.159                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5270            | Ant1    | 39.624                 | 0.5                          | Pass    |
| NVNT      | ac40 | 5310            | Ant1    | 39.582                 | 0.5                          | Pass    |
| NVNT      | ac80 | 5290            | Ant1    | 81.948                 | 0.5                          | Pass    |