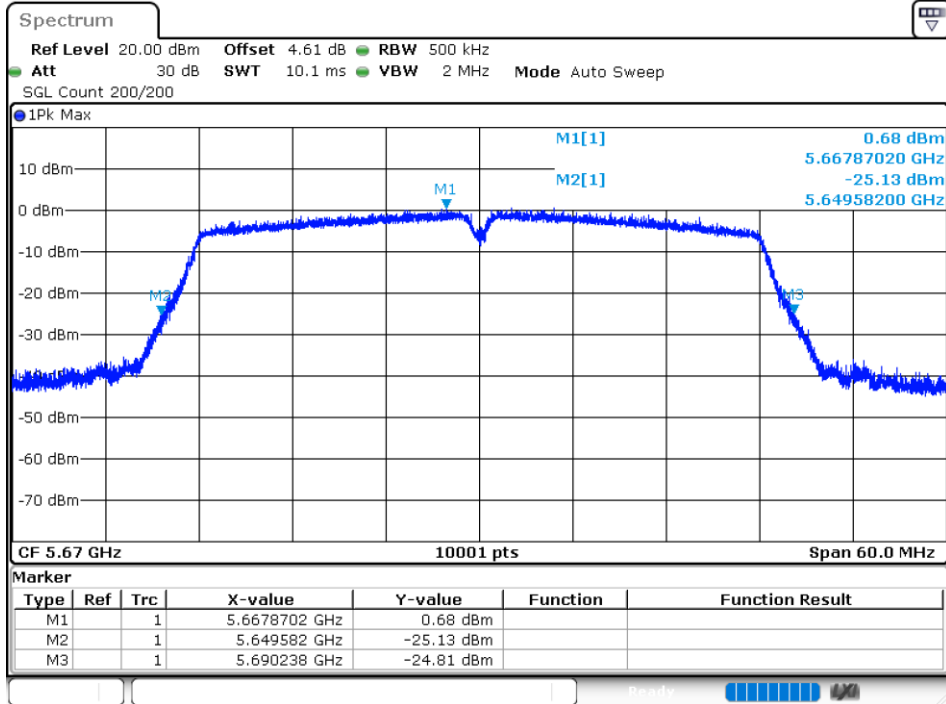
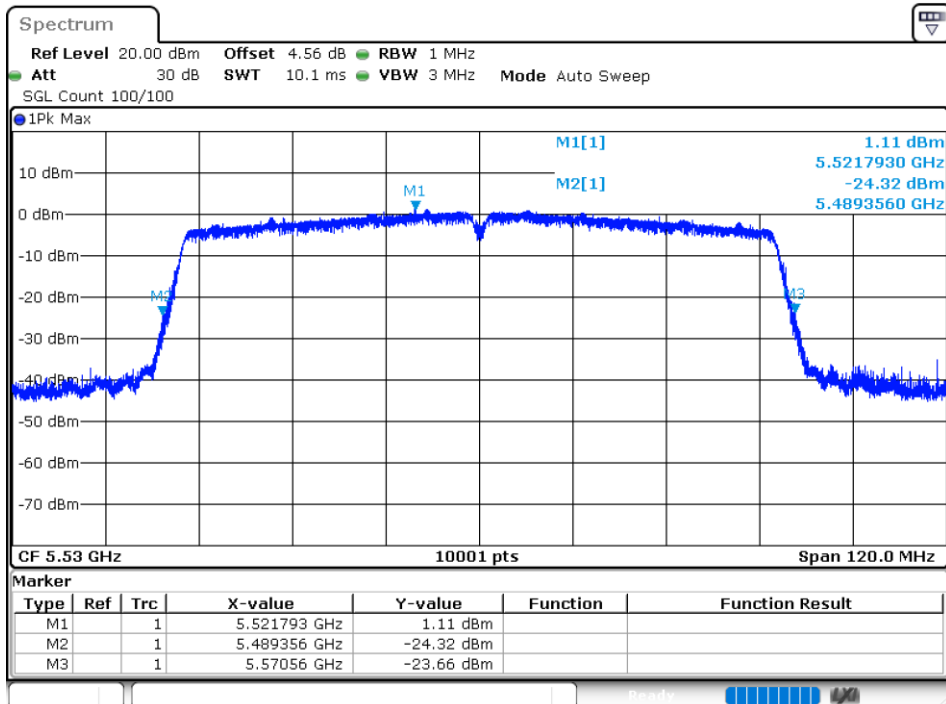
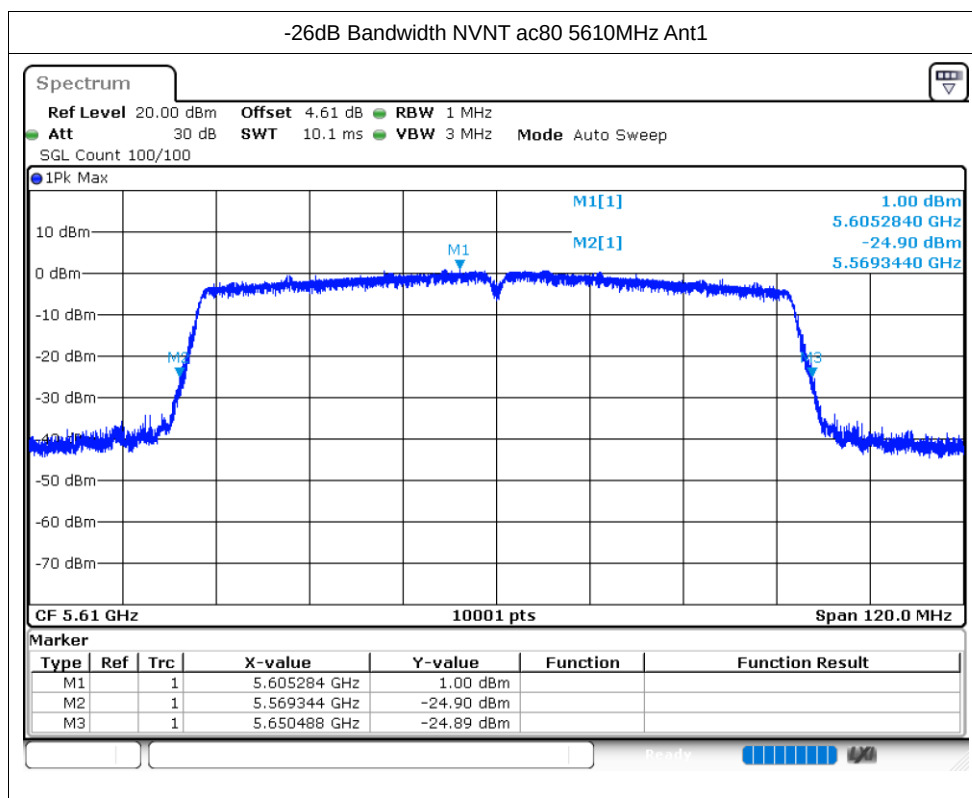


-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1



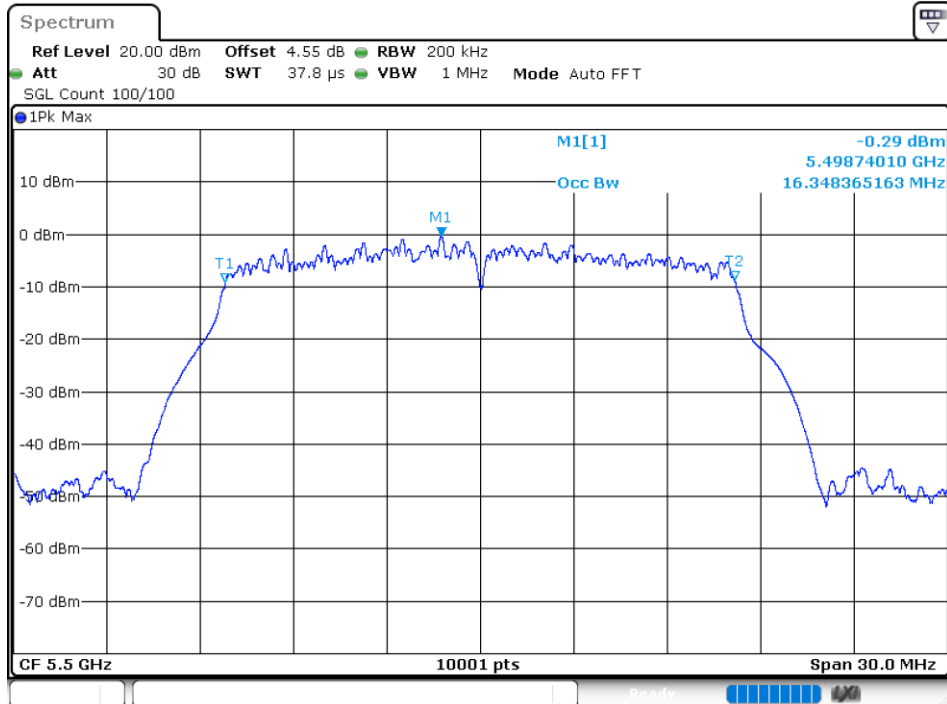


## Occupied Channel Bandwidth

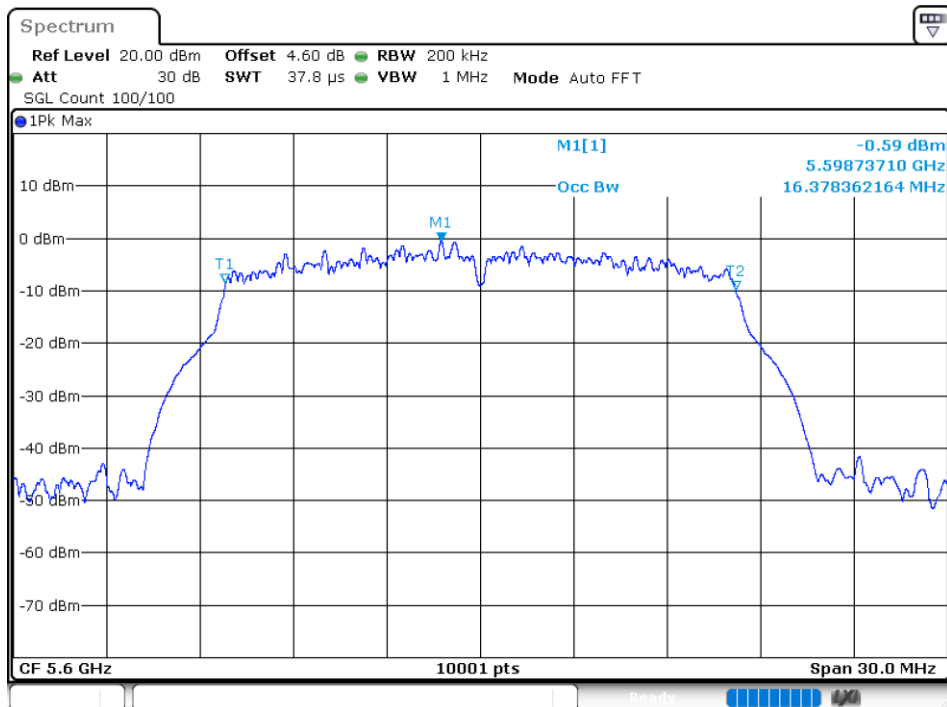
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5500            | Ant1    | 16.348        |
| NVNT      | a    | 5600            | Ant1    | 16.378        |
| NVNT      | a    | 5700            | Ant1    | 16.438        |
| NVNT      | n20  | 5500            | Ant1    | 17.5          |
| NVNT      | n20  | 5600            | Ant1    | 17.566        |
| NVNT      | n20  | 5700            | Ant1    | 17.524        |
| NVNT      | n40  | 5510            | Ant1    | 36.026        |
| NVNT      | n40  | 5590            | Ant1    | 36.014        |
| NVNT      | n40  | 5670            | Ant1    | 36.008        |
| NVNT      | ac20 | 5500            | Ant1    | 17.554        |
| NVNT      | ac20 | 5600            | Ant1    | 17.551        |
| NVNT      | ac20 | 5700            | Ant1    | 17.509        |
| NVNT      | ac40 | 5510            | Ant1    | 35.996        |
| NVNT      | ac40 | 5590            | Ant1    | 35.978        |
| NVNT      | ac40 | 5670            | Ant1    | 36.038        |
| NVNT      | ac80 | 5530            | Ant1    | 75.088        |
| NVNT      | ac80 | 5610            | Ant1    | 75.148        |

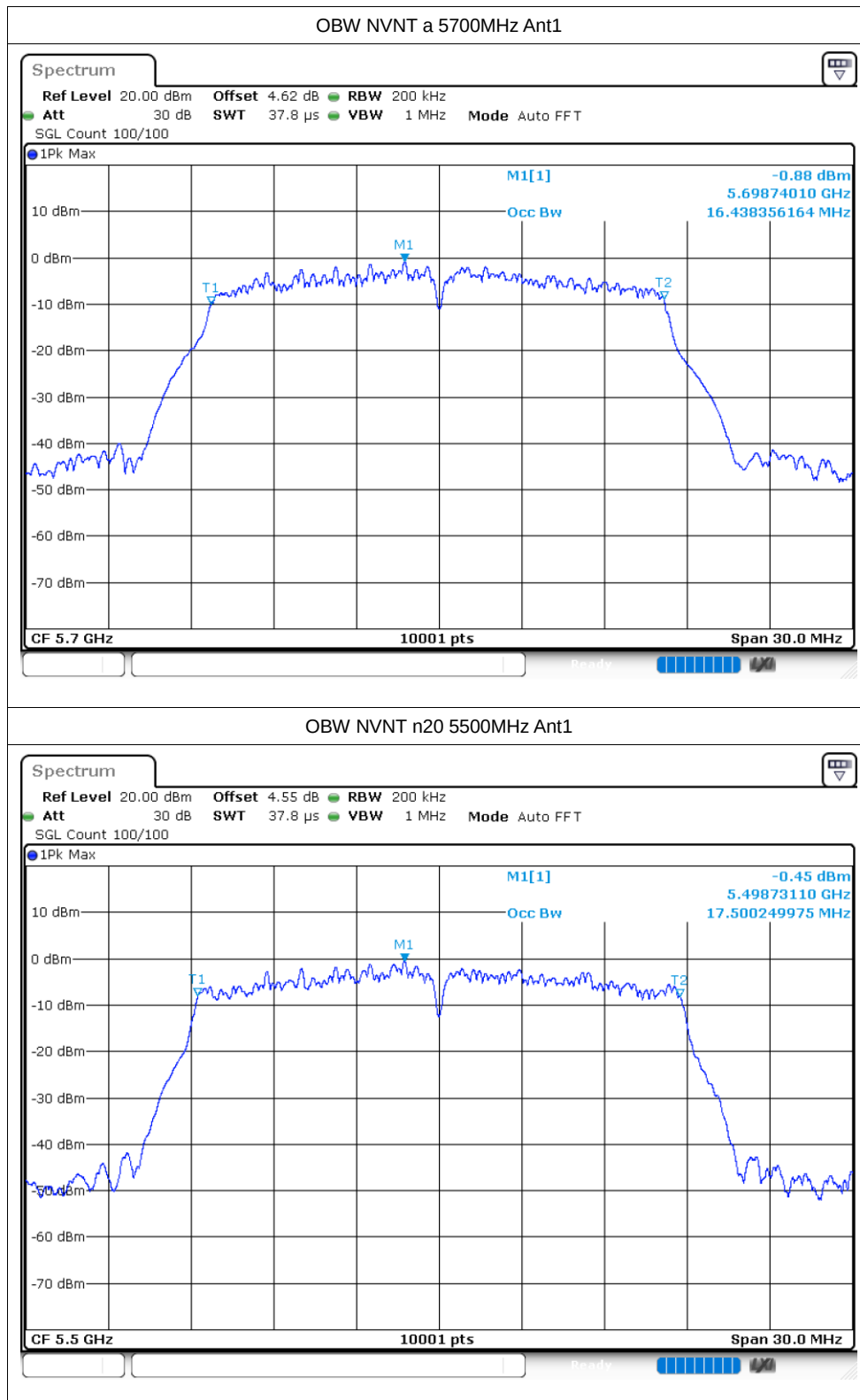
# Test Graphs

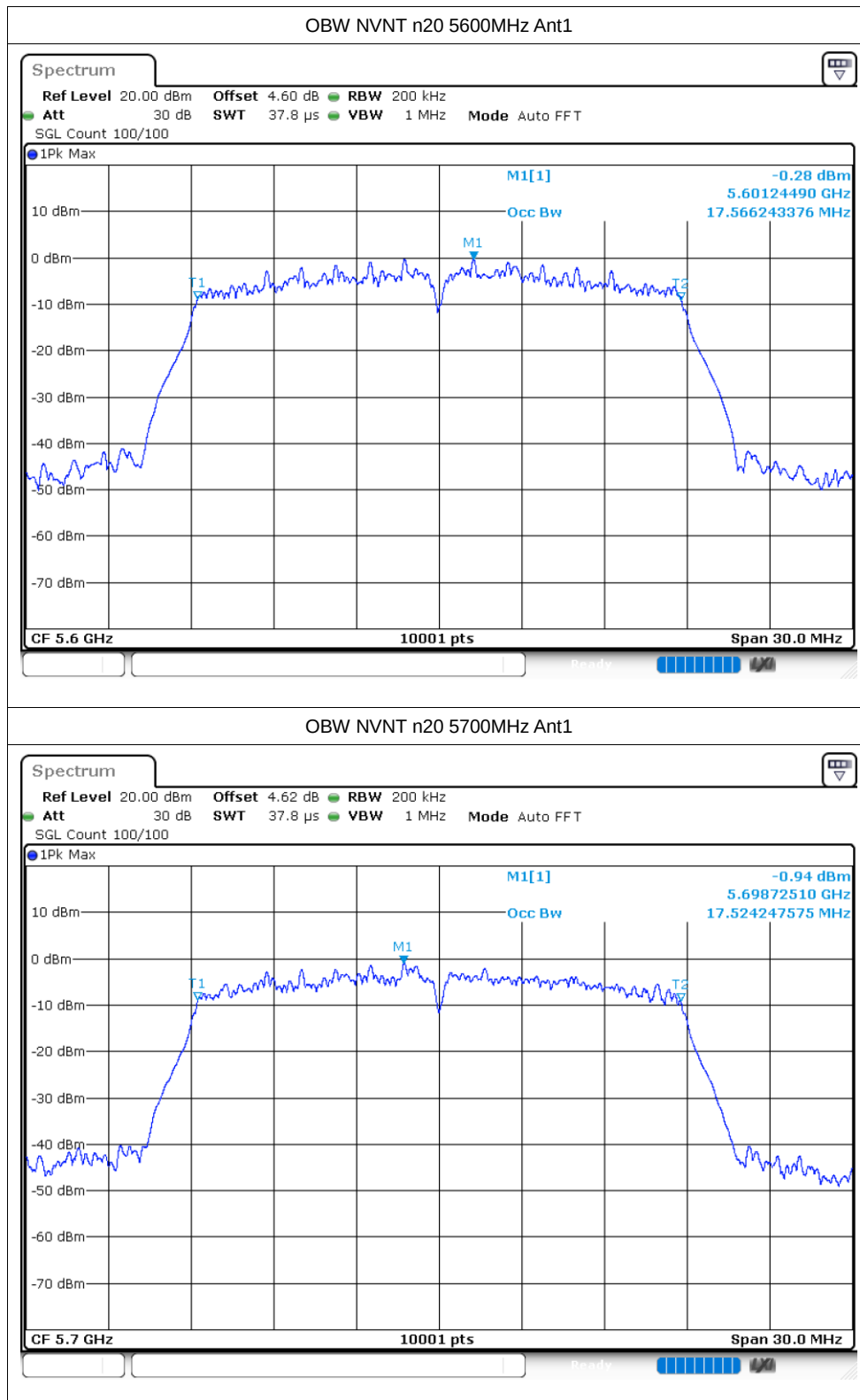
## OBW NVNT a 5500MHz Ant1

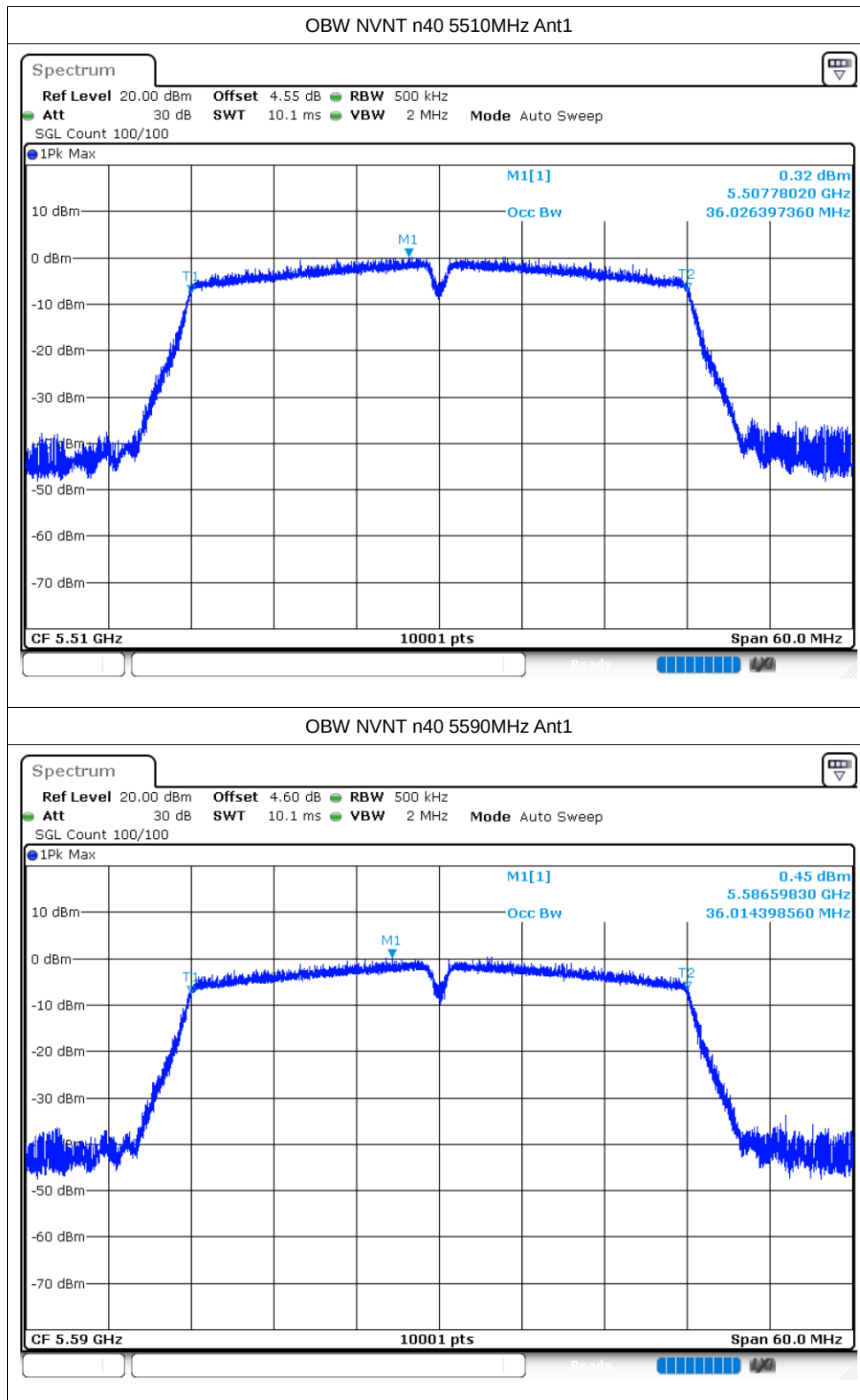


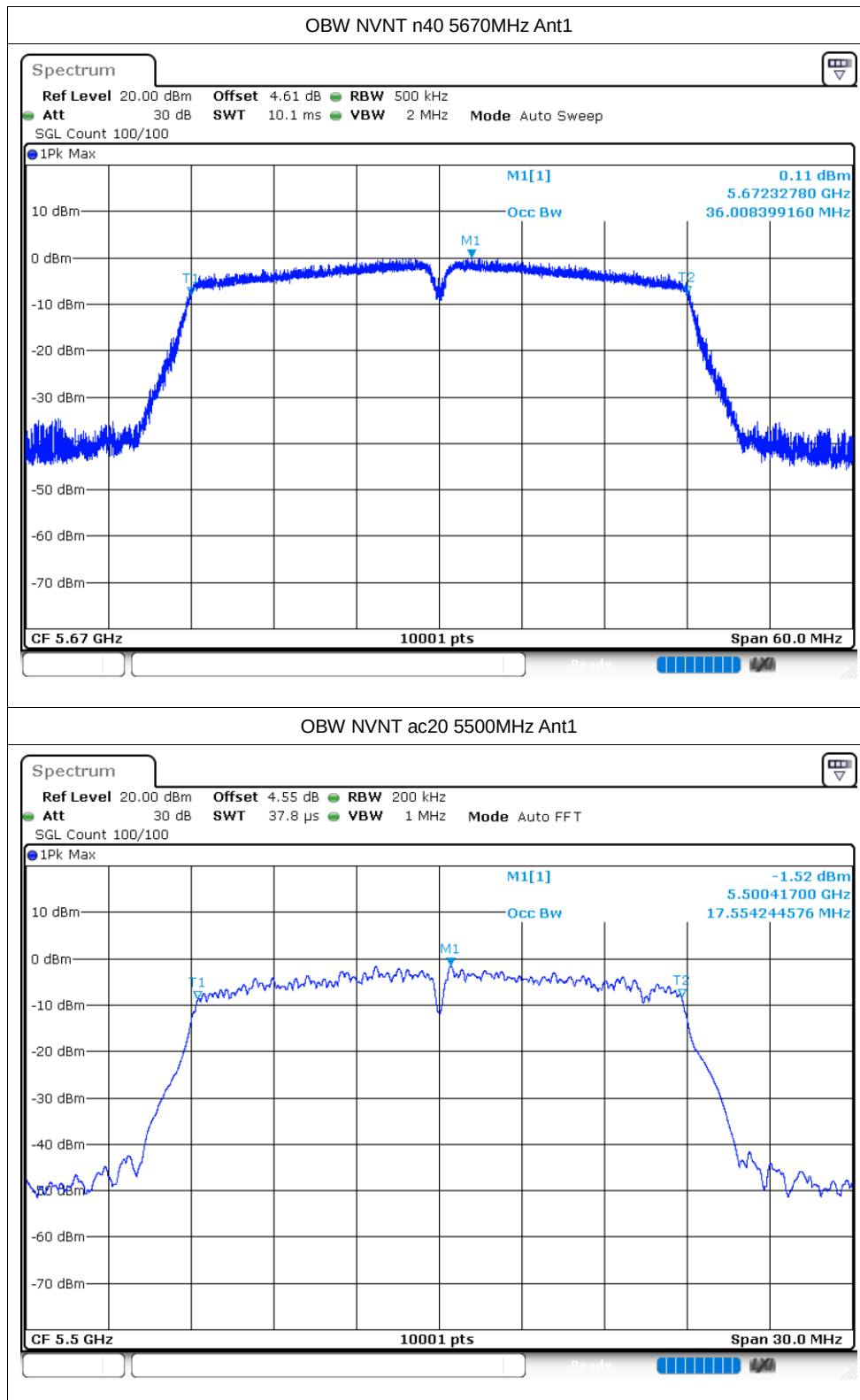
## OBW NVNT a 5600MHz Ant1

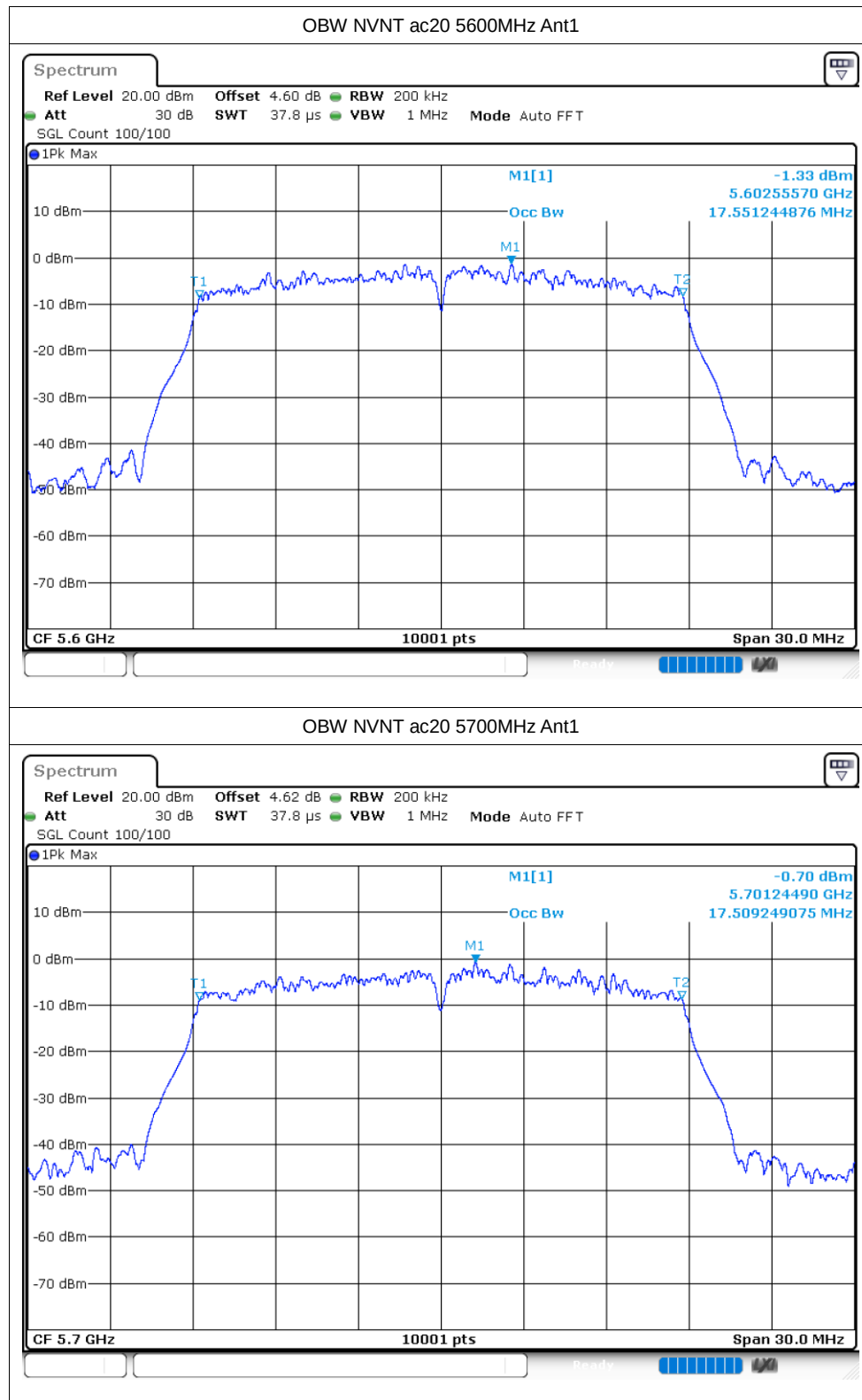


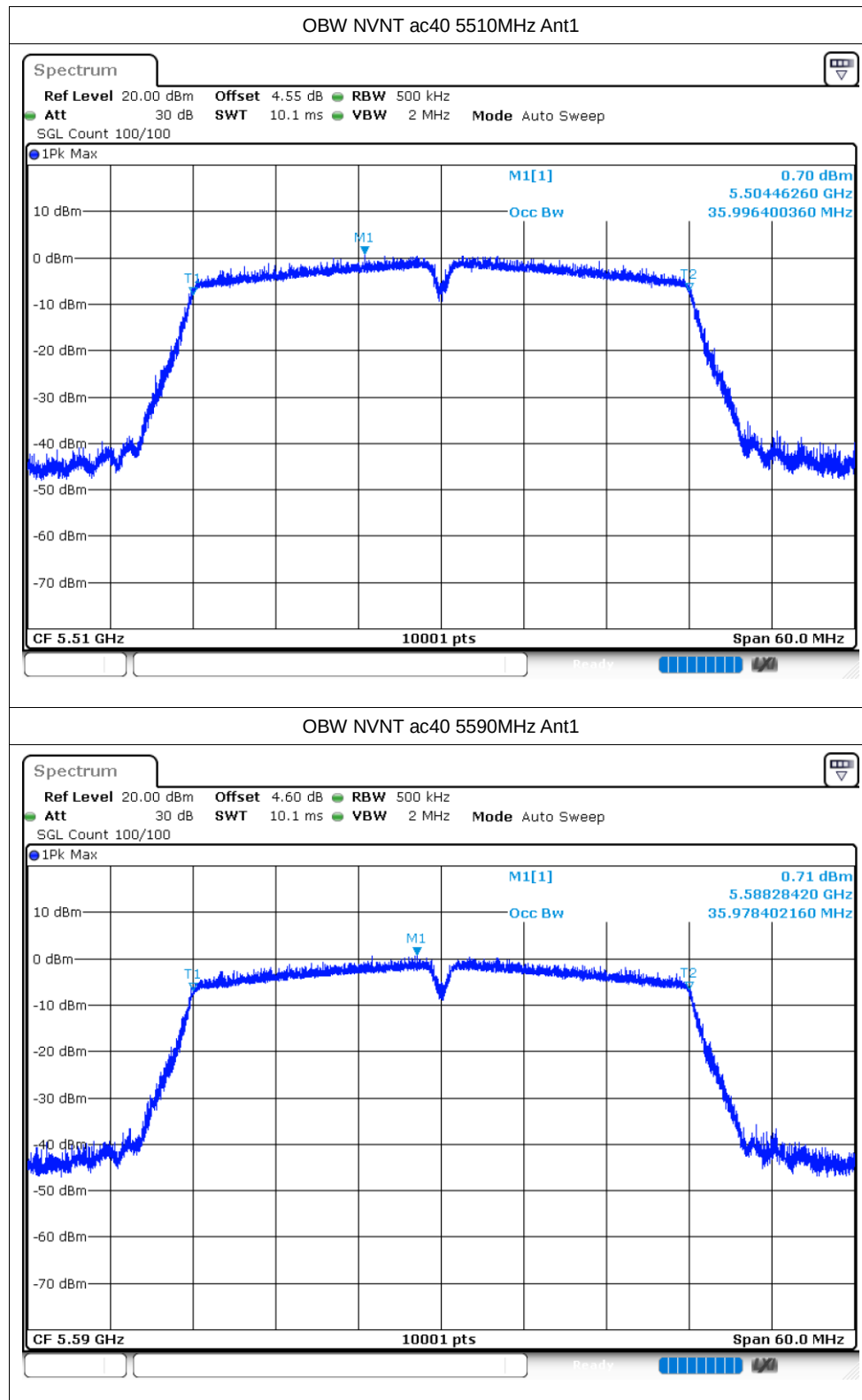


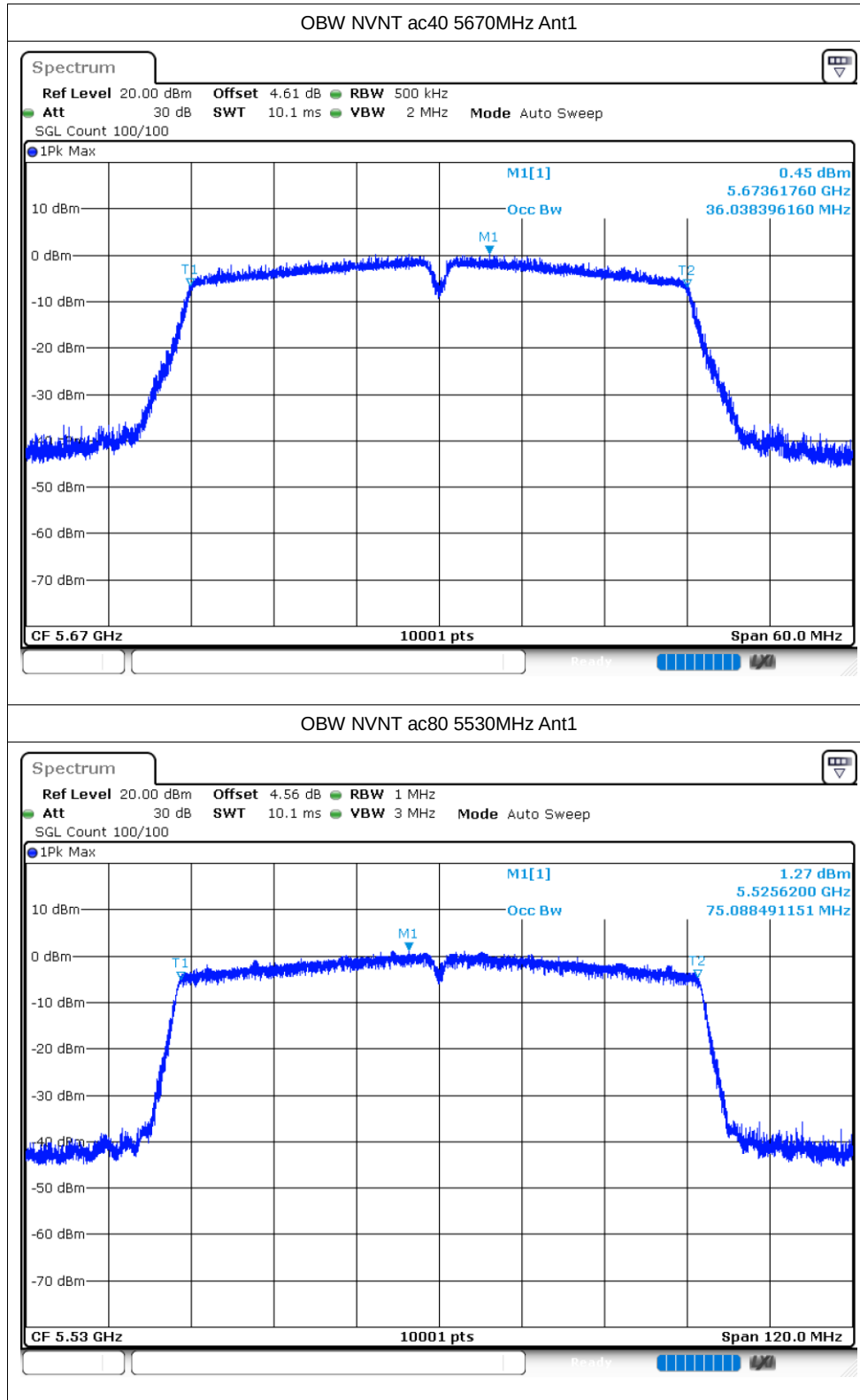


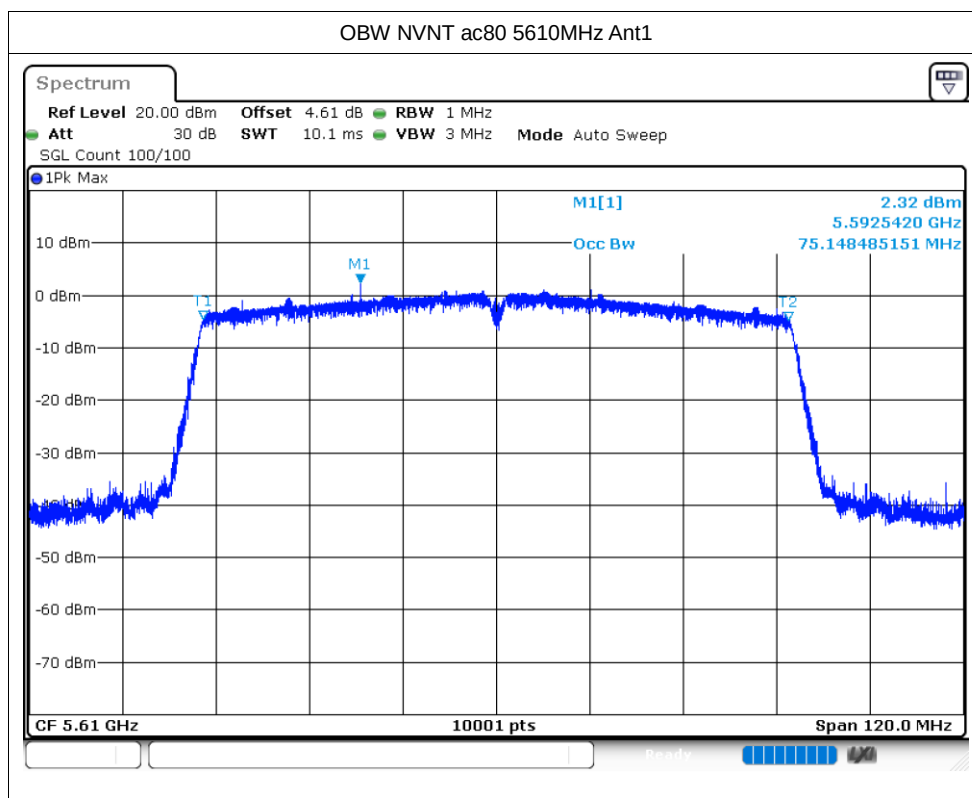










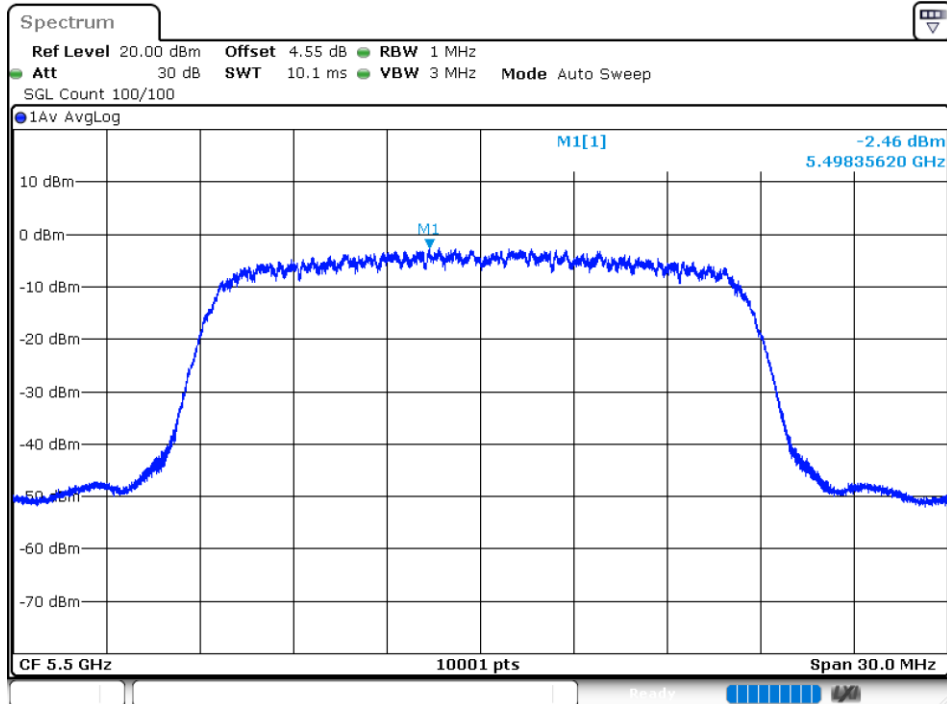


## Maximum Power Spectral Density Level

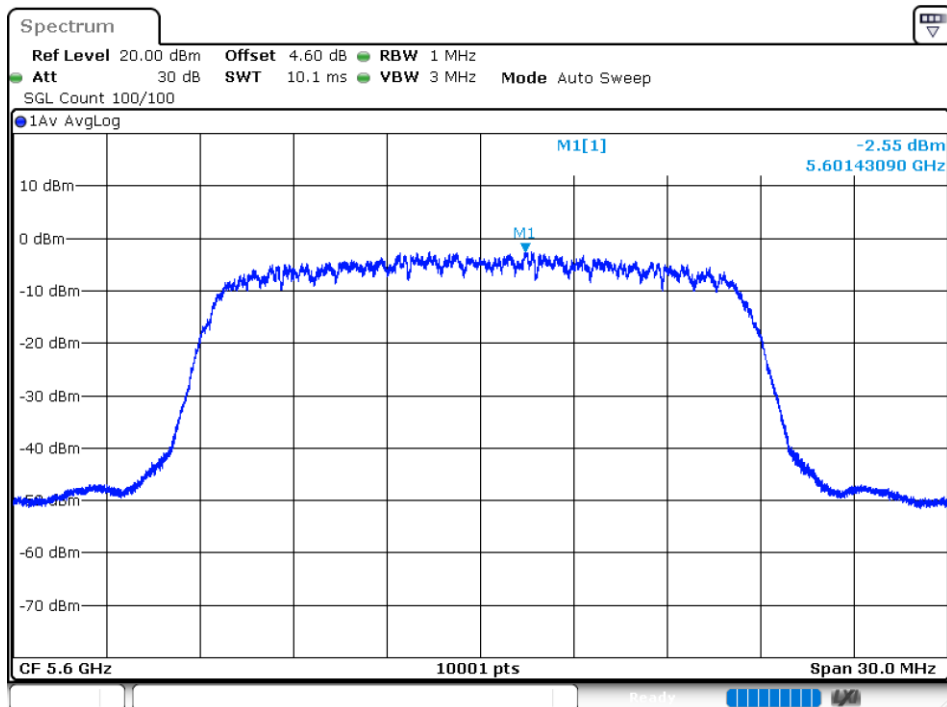
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | -2.46               | 0.08             | -2.38           | 11          | Pass    |
| NVNT      | a    | 5600            | Ant1    | -2.55               | 0.08             | -2.47           | 11          | Pass    |
| NVNT      | a    | 5700            | Ant1    | -2.56               | 0.08             | -2.48           | 11          | Pass    |
| NVNT      | n20  | 5500            | Ant1    | -2.69               | 0.09             | -2.6            | 11          | Pass    |
| NVNT      | n20  | 5600            | Ant1    | -2.82               | 0.09             | -2.73           | 11          | Pass    |
| NVNT      | n20  | 5700            | Ant1    | -3.29               | 0.08             | -3.21           | 11          | Pass    |
| NVNT      | n40  | 5510            | Ant1    | -6.21               | 0.16             | -6.05           | 11          | Pass    |
| NVNT      | n40  | 5590            | Ant1    | -6.4                | 0.16             | -6.24           | 11          | Pass    |
| NVNT      | n40  | 5670            | Ant1    | -6.25               | 0.16             | -6.09           | 11          | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | -2.32               | 0.09             | -2.23           | 11          | Pass    |
| NVNT      | ac20 | 5600            | Ant1    | -3.15               | 0.08             | -3.07           | 11          | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | -3.07               | 0.08             | -2.99           | 11          | Pass    |
| NVNT      | ac40 | 5510            | Ant1    | -6.23               | 0.16             | -6.07           | 11          | Pass    |
| NVNT      | ac40 | 5590            | Ant1    | -5.73               | 0.16             | -5.57           | 11          | Pass    |
| NVNT      | ac40 | 5670            | Ant1    | -6.01               | 0.16             | -5.85           | 11          | Pass    |
| NVNT      | ac80 | 5530            | Ant1    | -10.76              | 0.31             | -10.45          | 11          | Pass    |
| NVNT      | ac80 | 5610            | Ant1    | -10.28              | 0.31             | -9.97           | 11          | Pass    |

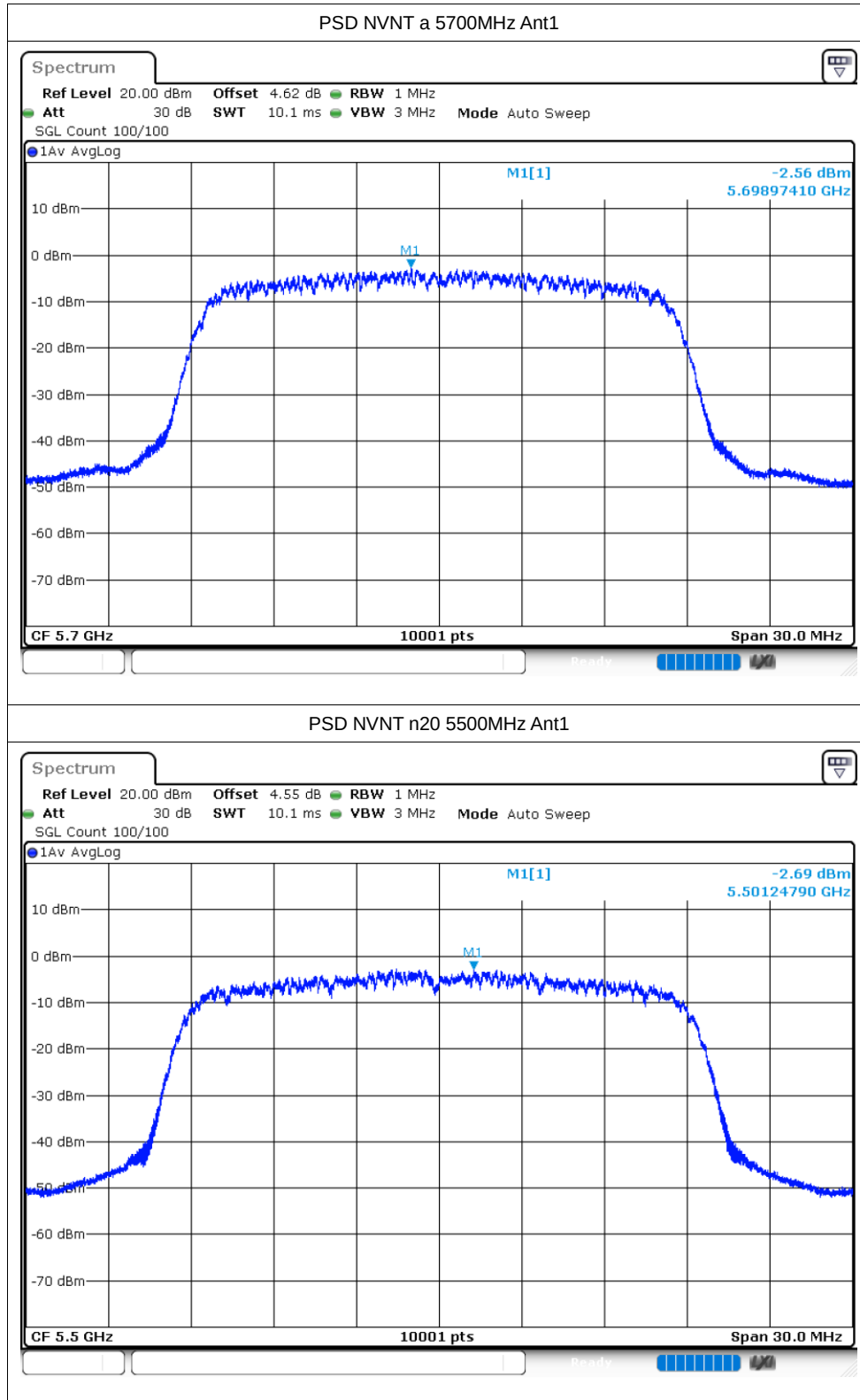
# Test Graphs

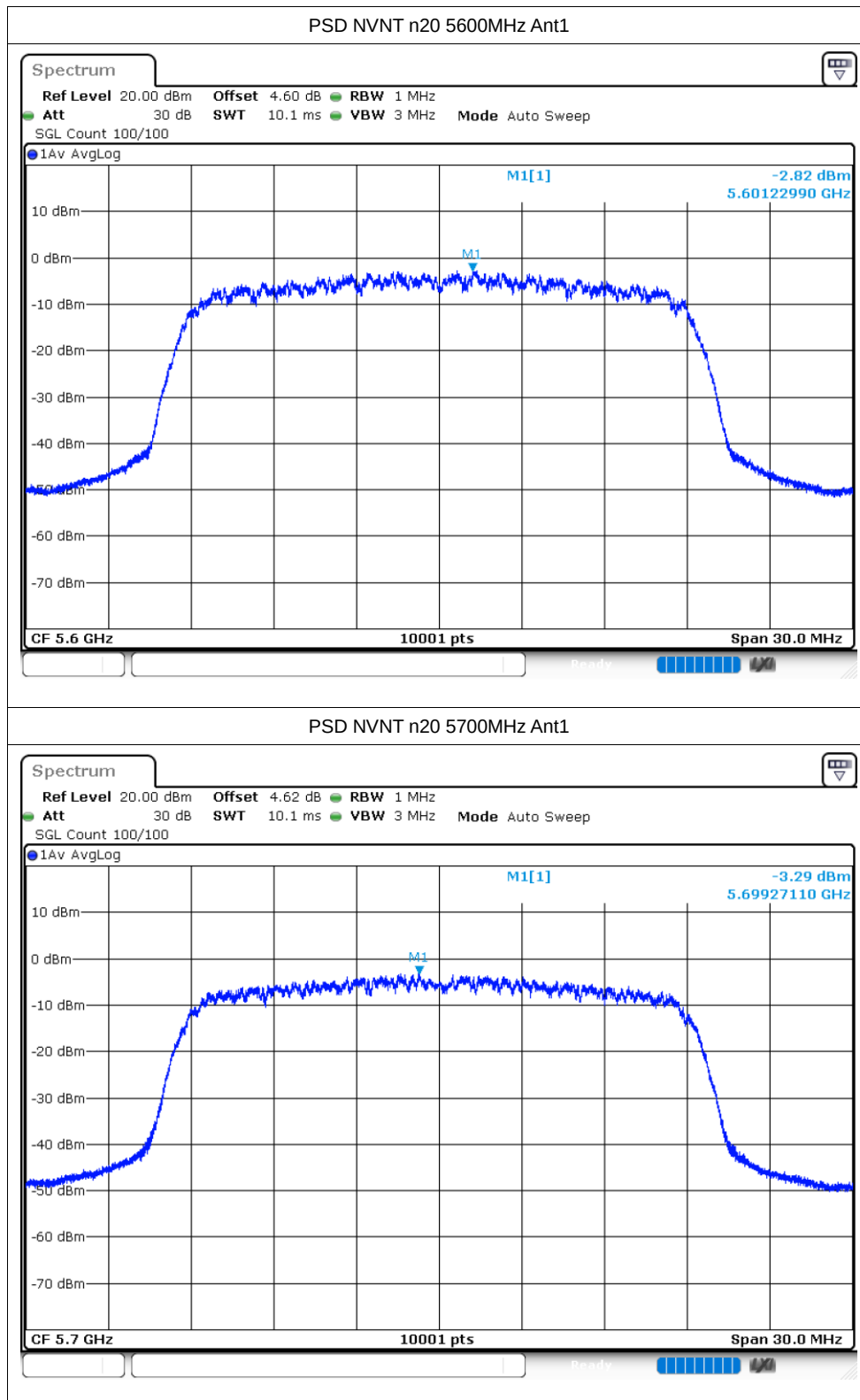
## PSD NVNT a 5500MHz Ant1

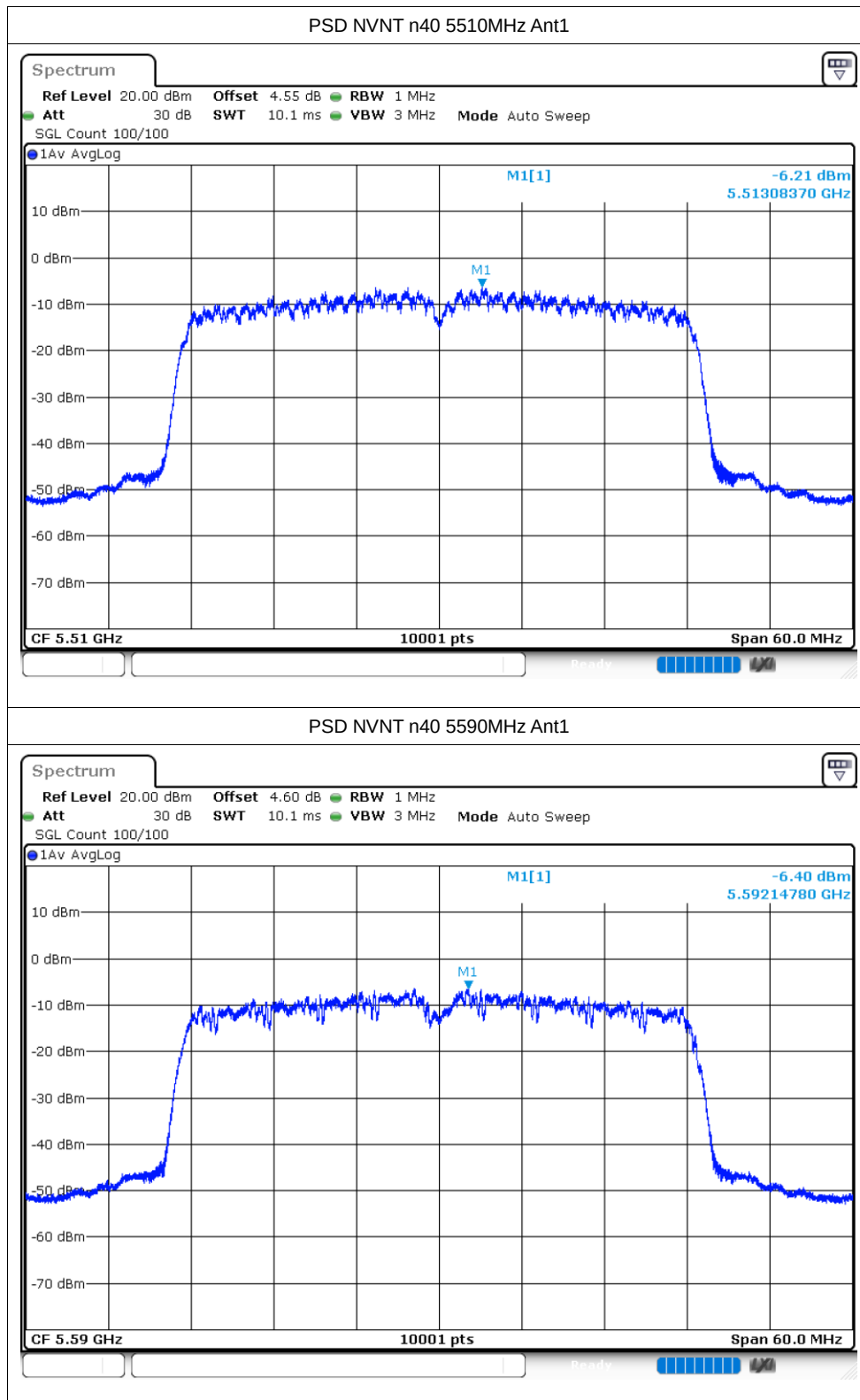


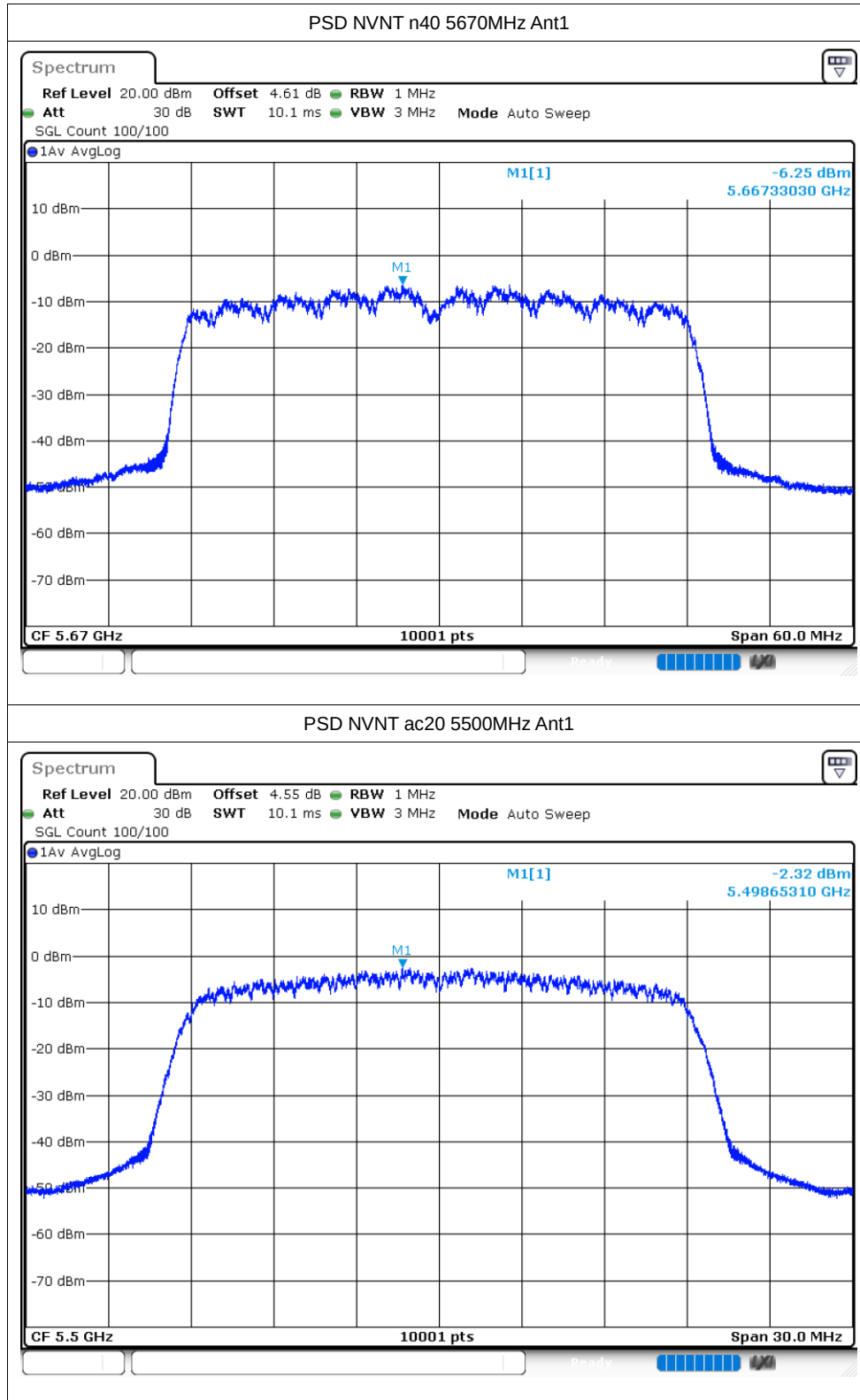
## PSD NVNT a 5600MHz Ant1

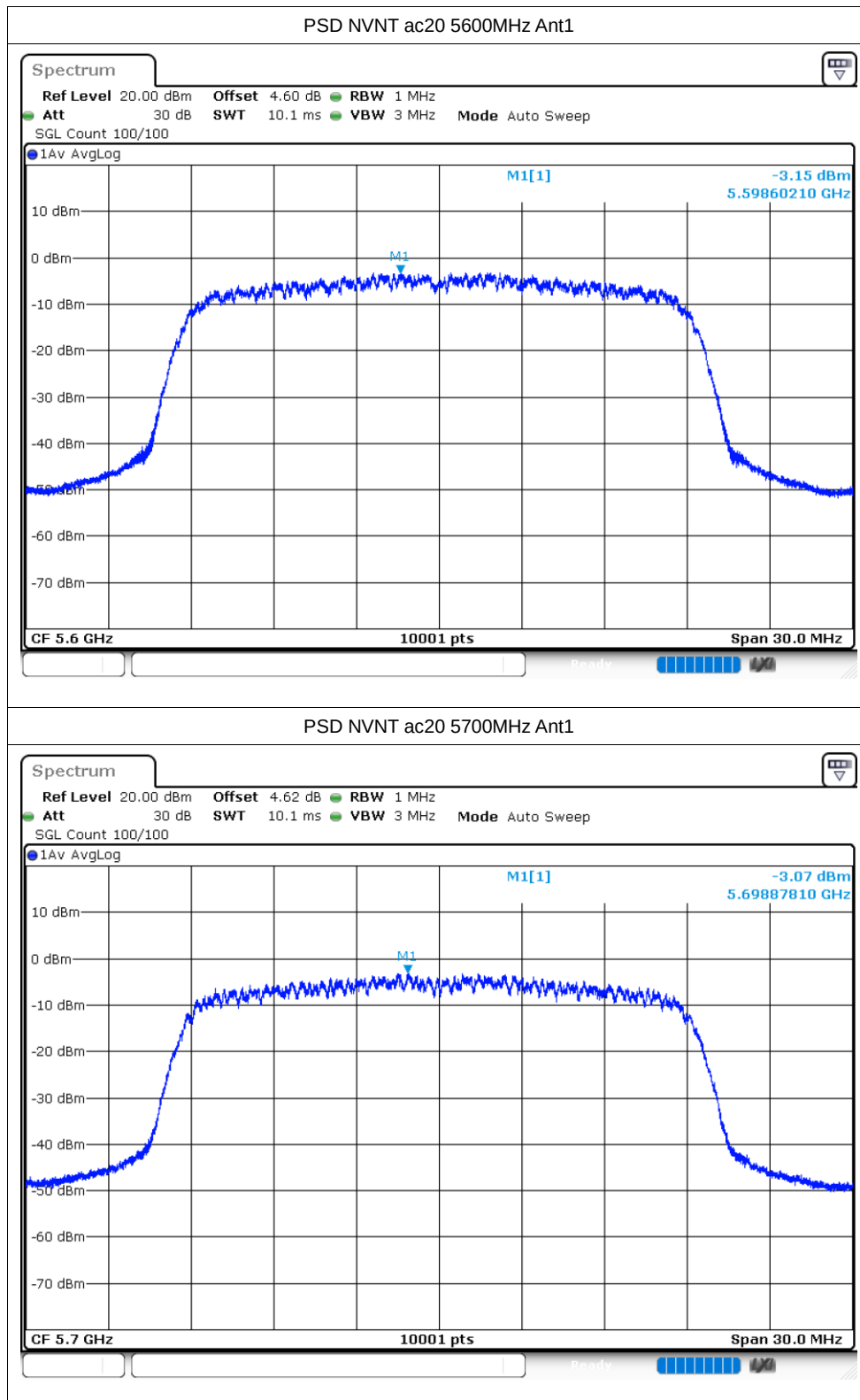


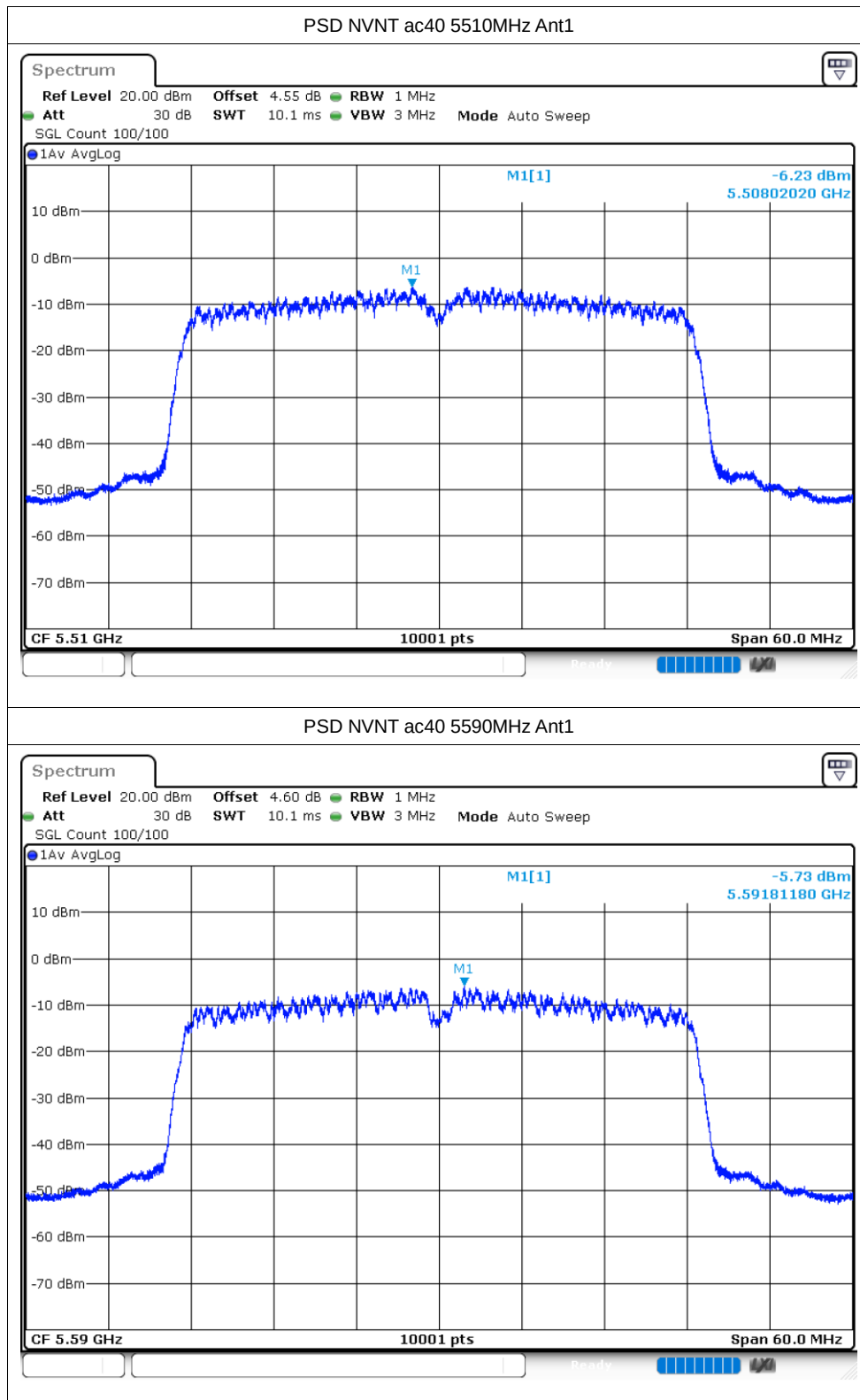


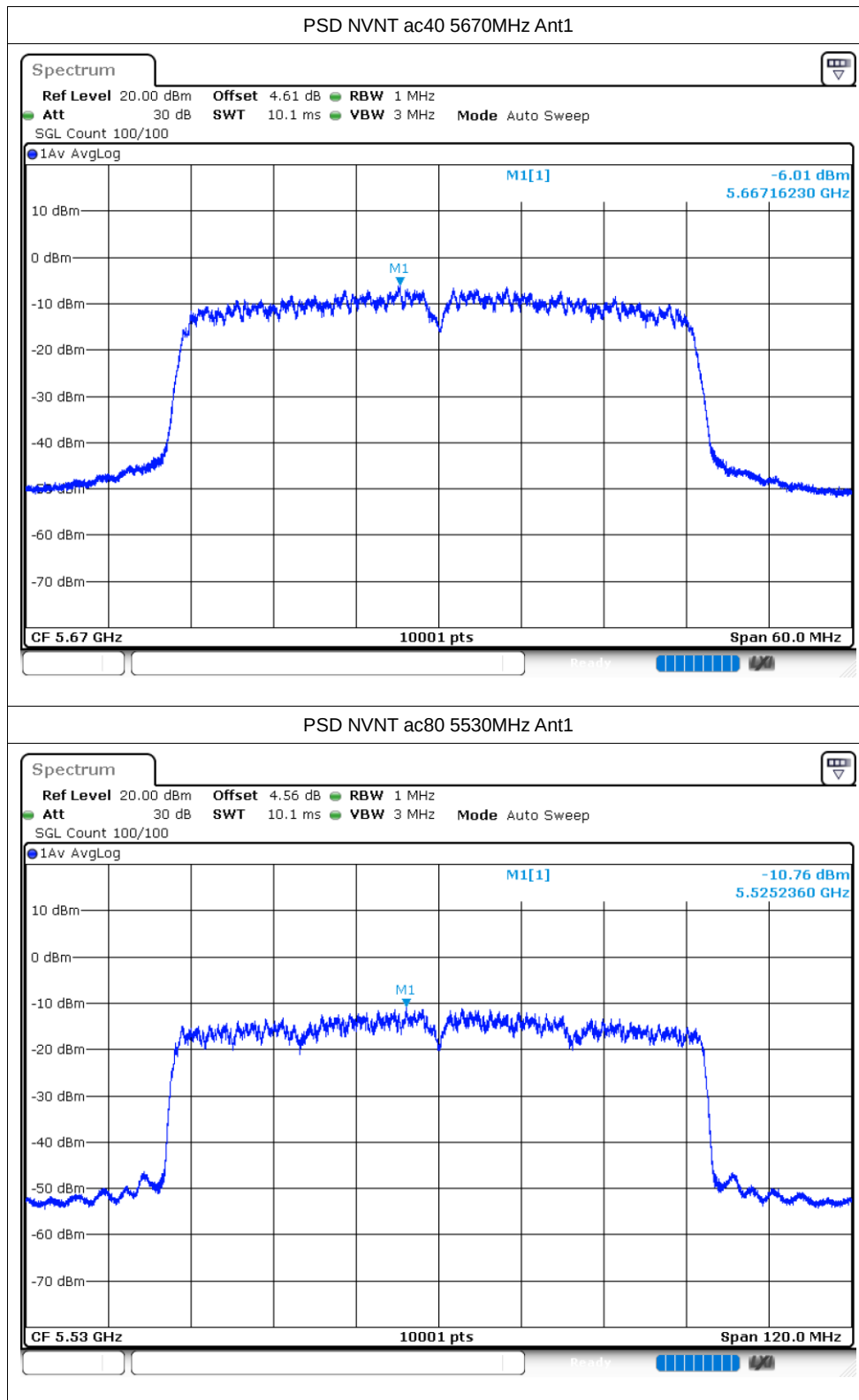


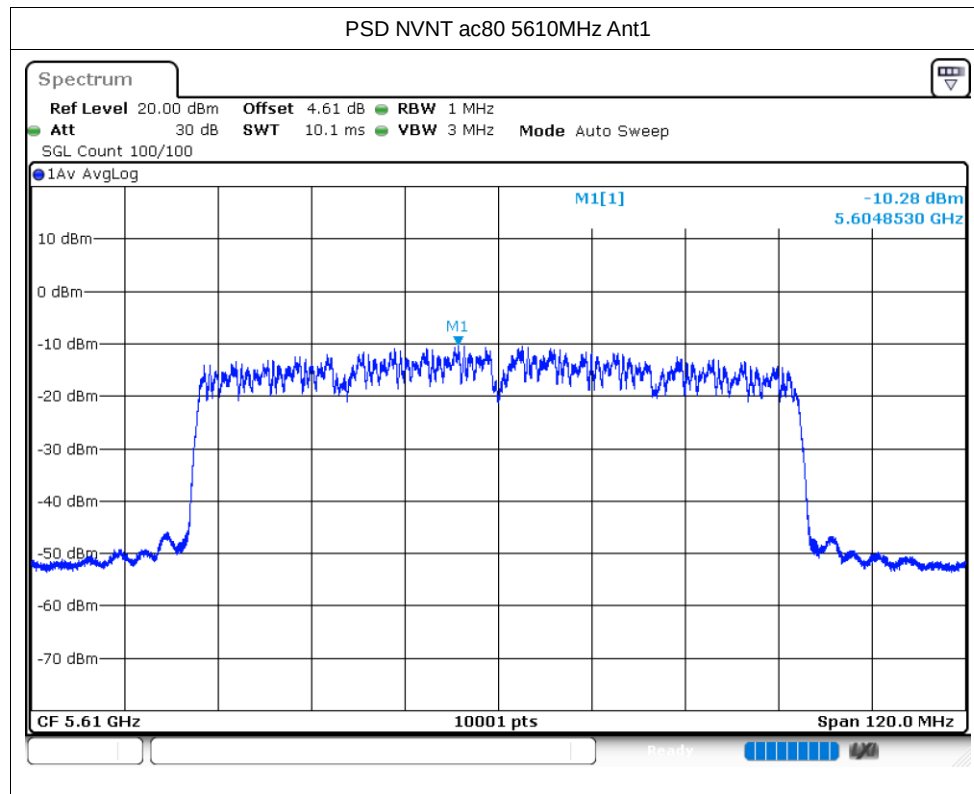












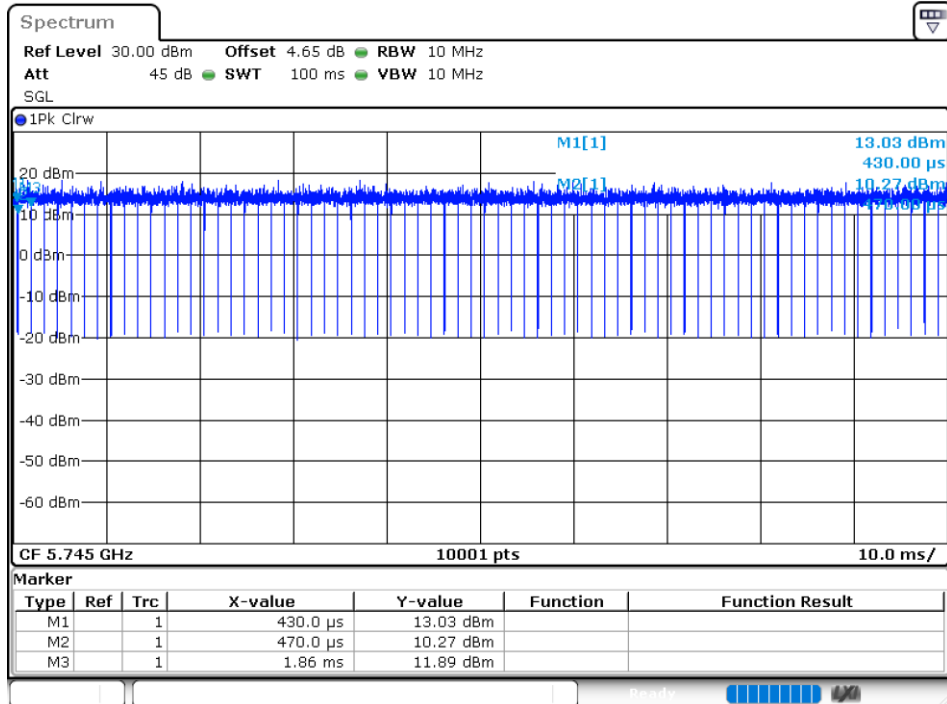
# 5.8G WIFI

## Duty Cycle

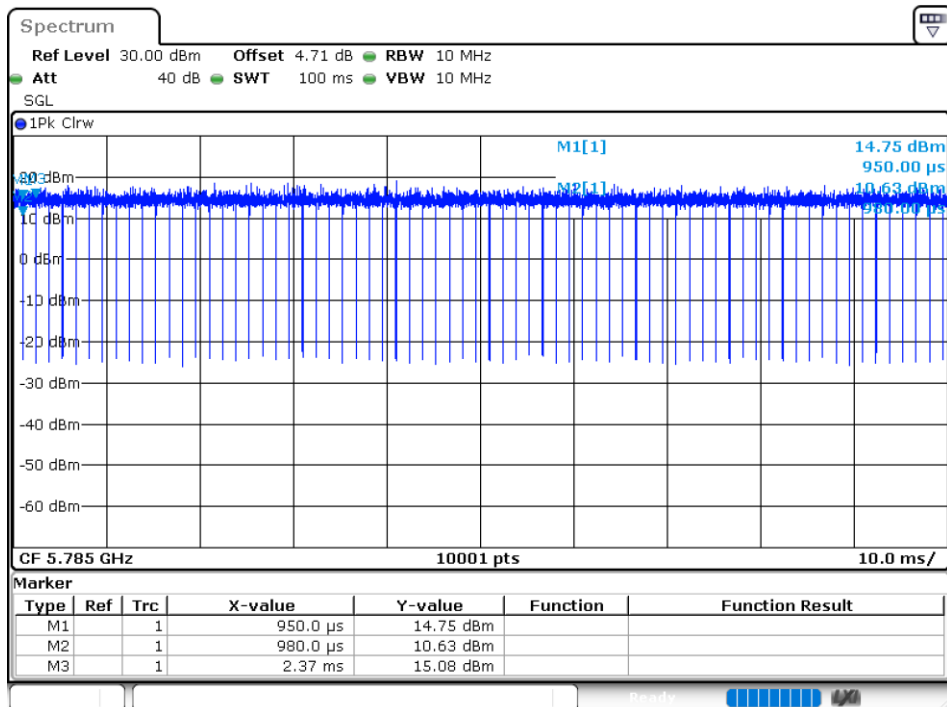
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 98.19          | 0.08                   | 0.72      |
| NVNT      | a    | 5785            | Ant1    | 98.17          | 0.08                   | 0.72      |
| NVNT      | a    | 5825            | Ant1    | 99.82          | 0.01                   | 0.23      |
| NVNT      | n20  | 5745            | Ant1    | 98.06          | 0.09                   | 0.77      |
| NVNT      | n20  | 5785            | Ant1    | 98.06          | 0.09                   | 0.77      |
| NVNT      | n20  | 5825            | Ant1    | 98.07          | 0.08                   | 0.77      |
| NVNT      | n40  | 5755            | Ant1    | 96.39          | 0.16                   | 1.54      |
| NVNT      | n40  | 5795            | Ant1    | 99.53          | 0.02                   | 0.24      |
| NVNT      | ac20 | 5745            | Ant1    | 98.09          | 0.08                   | 0.76      |
| NVNT      | ac20 | 5785            | Ant1    | 98.07          | 0.08                   | 0.76      |
| NVNT      | ac20 | 5825            | Ant1    | 98.07          | 0.08                   | 0.76      |
| NVNT      | ac40 | 5755            | Ant1    | 96.37          | 0.16                   | 1.54      |
| NVNT      | ac40 | 5795            | Ant1    | 96.37          | 0.16                   | 1.54      |
| NVNT      | ac80 | 5775            | Ant1    | 92.74          | 0.33                   | 3.12      |

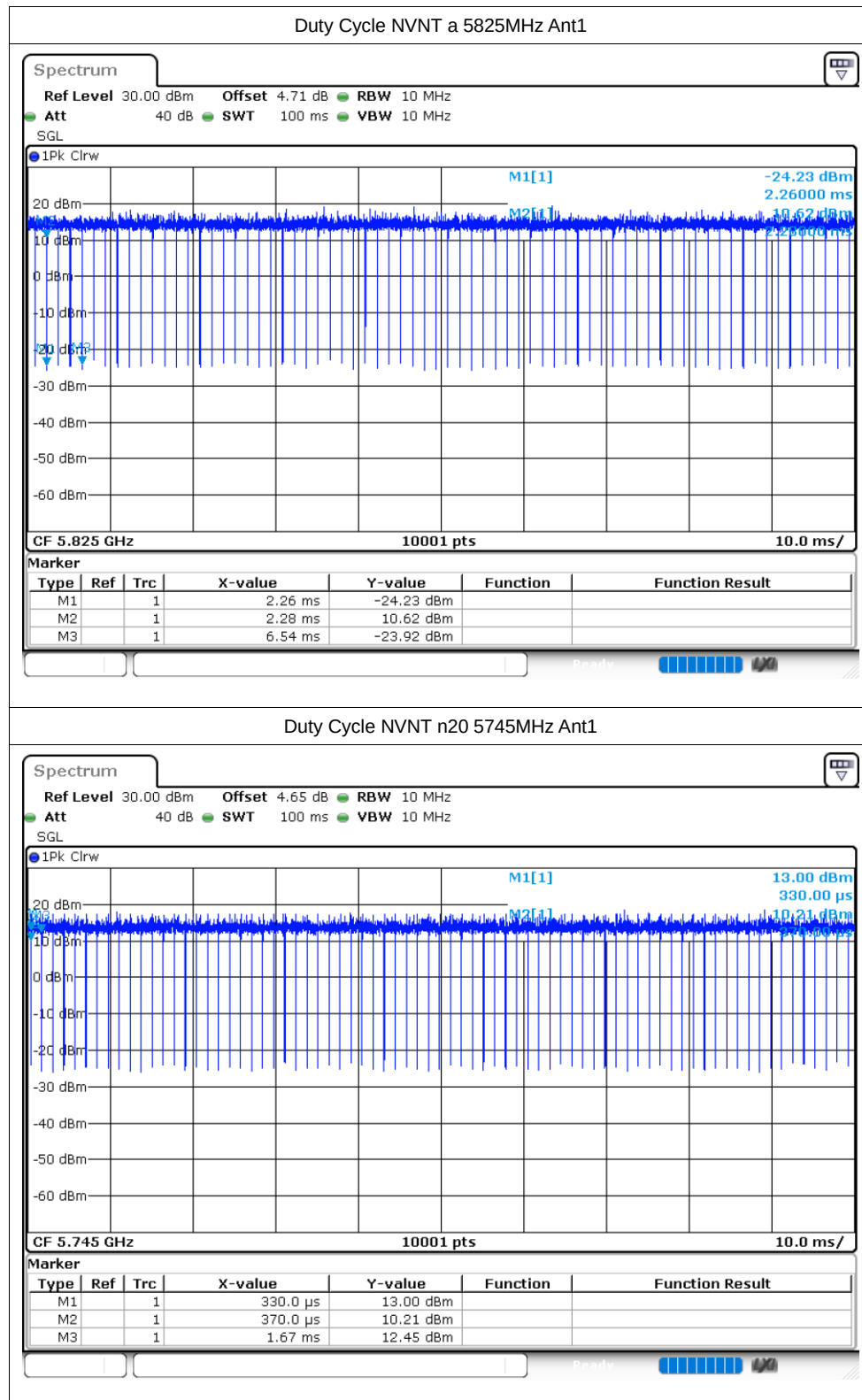
## Test Graphs

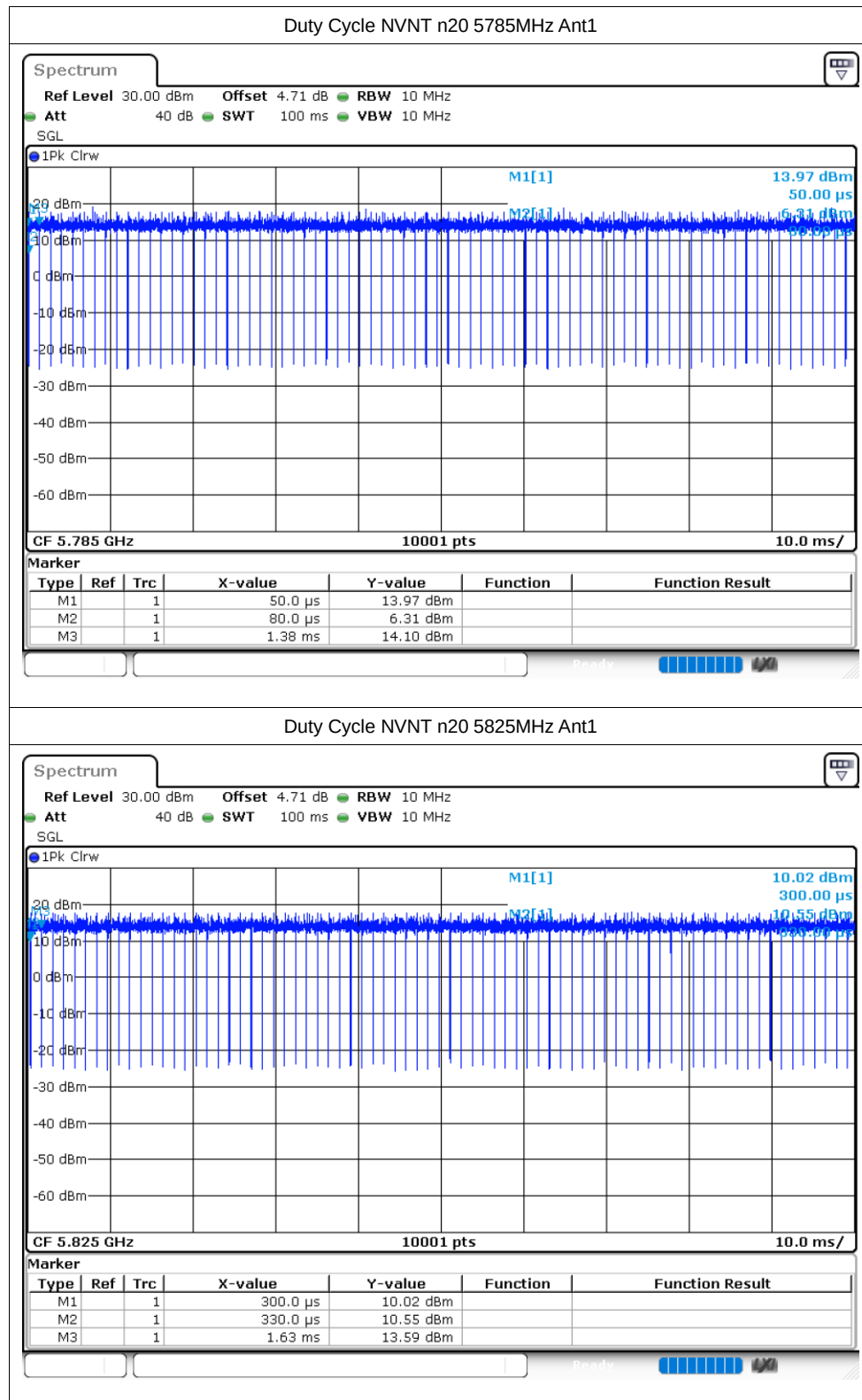
### Duty Cycle NVNT a 5745MHz Ant1

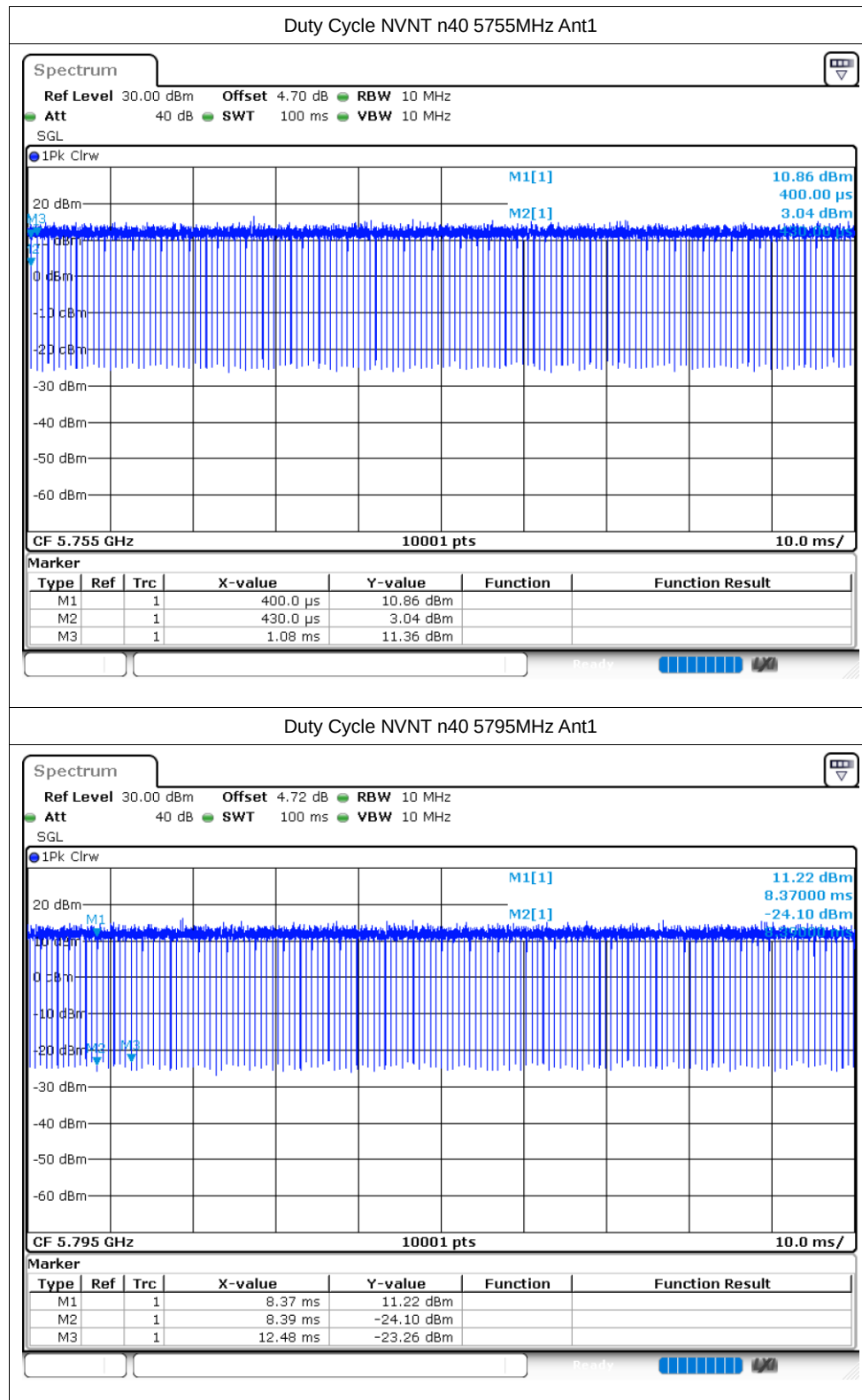


### Duty Cycle NVNT a 5785MHz Ant1

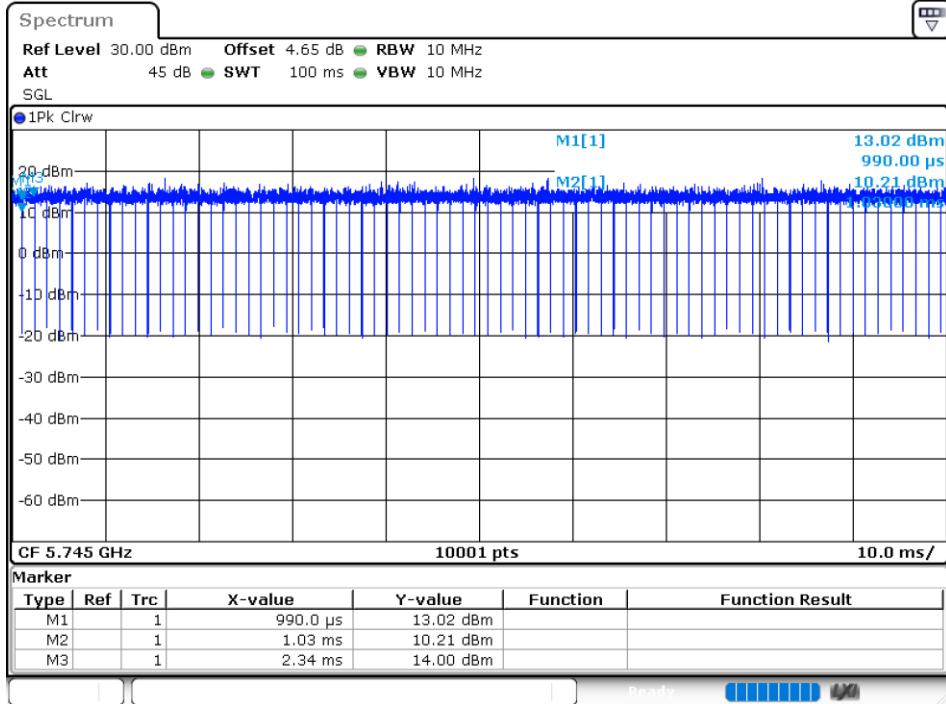




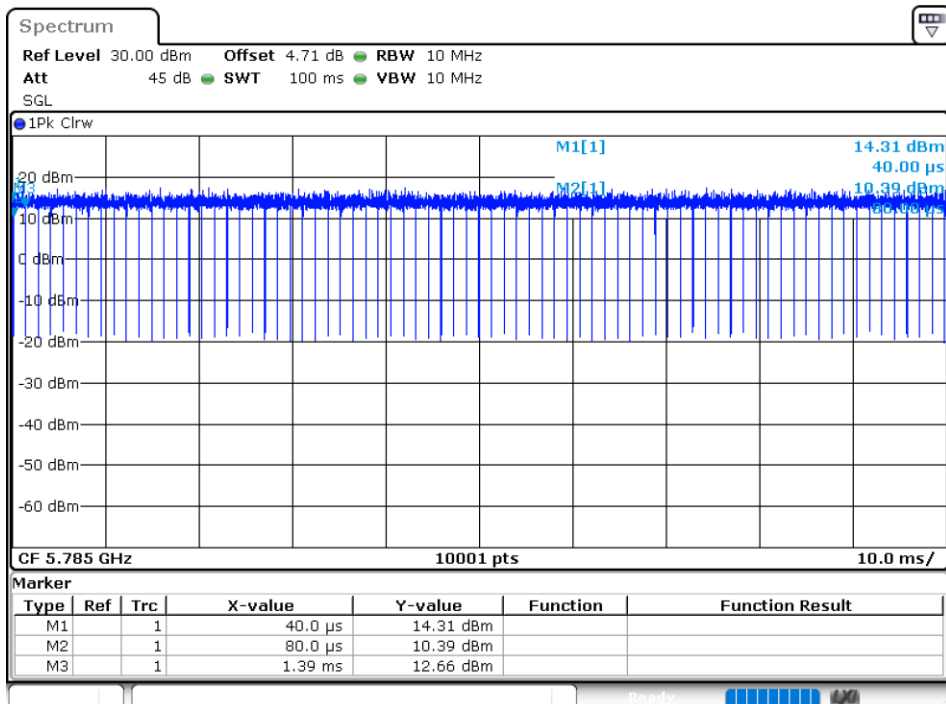




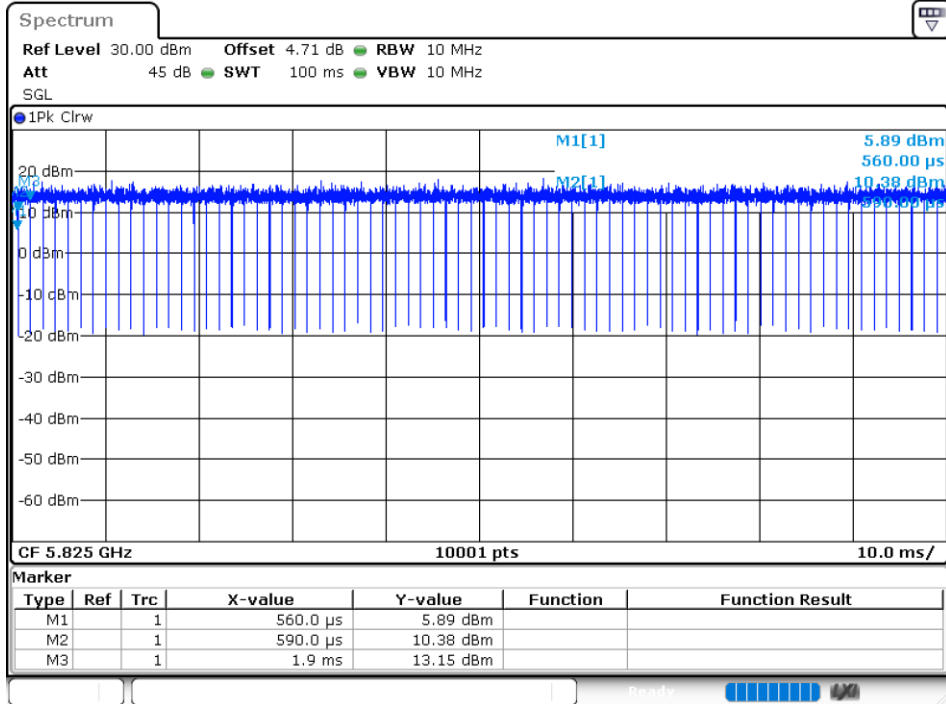
Duty Cycle NVNT ac20 5745MHz Ant1



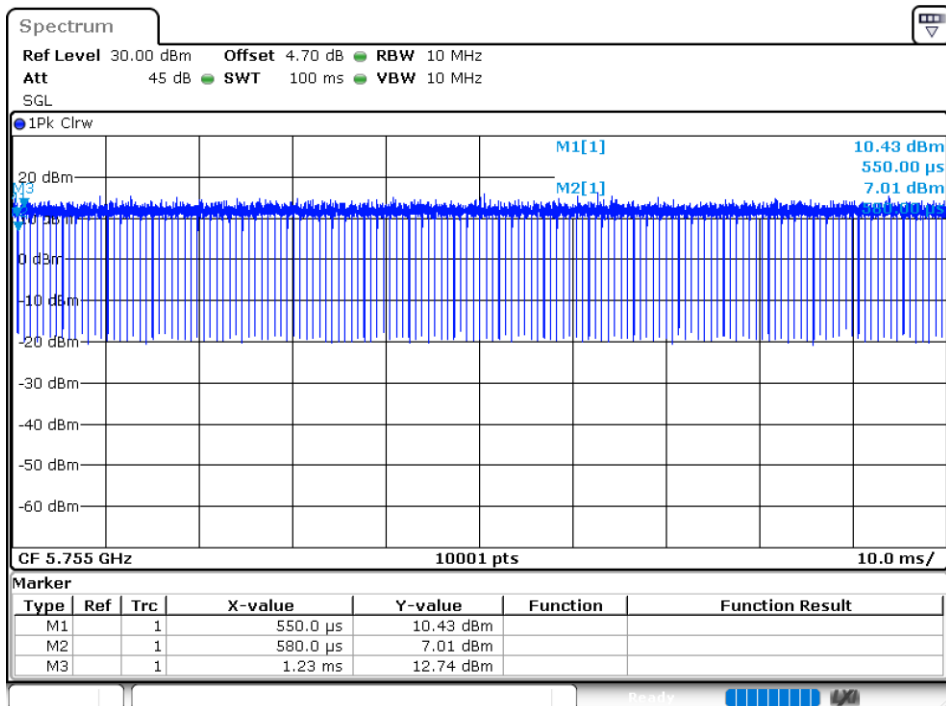
Duty Cycle NVNT ac20 5785MHz Ant1

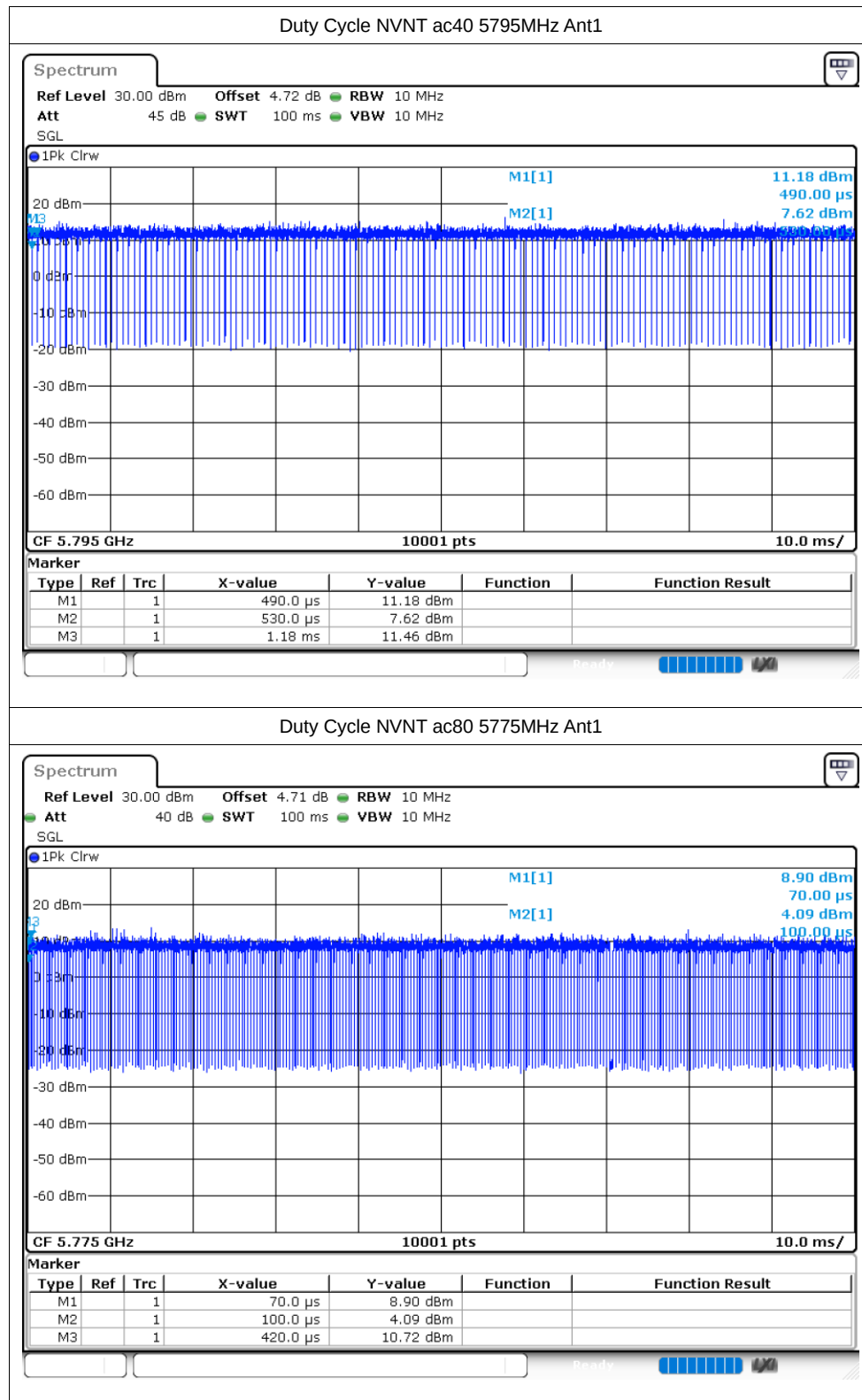


Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1





## Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|----------------------|----------------|---------|
| NVNT      | a    | 5745               | Ant1    | 8.87                 | 30             | Pass    |
| NVNT      | a    | 5785               | Ant1    | 8.9                  | 30             | Pass    |
| NVNT      | a    | 5825               | Ant1    | 8.85                 | 30             | Pass    |
| NVNT      | n20  | 5745               | Ant1    | 8.62                 | 30             | Pass    |
| NVNT      | n20  | 5785               | Ant1    | 8.94                 | 30             | Pass    |
| NVNT      | n20  | 5825               | Ant1    | 8.94                 | 30             | Pass    |
| NVNT      | n40  | 5755               | Ant1    | 8.67                 | 30             | Pass    |
| NVNT      | n40  | 5795               | Ant1    | 9.13                 | 30             | Pass    |
| NVNT      | ac20 | 5745               | Ant1    | 8.69                 | 30             | Pass    |
| NVNT      | ac20 | 5785               | Ant1    | 8.85                 | 30             | Pass    |
| NVNT      | ac20 | 5825               | Ant1    | 8.79                 | 30             | Pass    |
| NVNT      | ac40 | 5755               | Ant1    | 8.68                 | 30             | Pass    |
| NVNT      | ac40 | 5795               | Ant1    | 8.99                 | 30             | Pass    |
| NVNT      | ac80 | 5775               | Ant1    | 8.51                 | 30             | Pass    |

## -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.323                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.332                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 14.022                | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 14.652                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 14.373                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.541                | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 25.944                | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 35.088                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.553                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.526                | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.532                | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 33.834                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.058                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.072                | 0.5                         | Pass    |

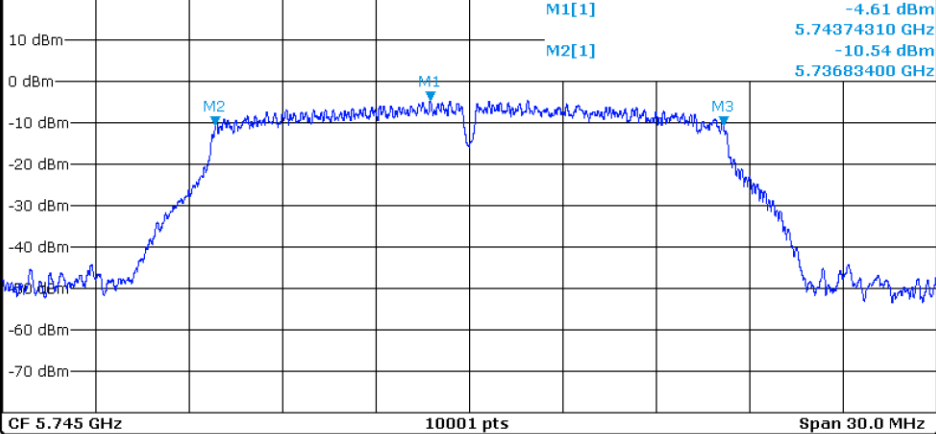
# Test Graphs

## -6dB Bandwidth NVNT a 5745MHz Ant1

### Spectrum

Ref Level 20.00 dBm Offset 4.65 dB RBW 100 kHz  
Att 30 dB SWT 75.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max



### Marker

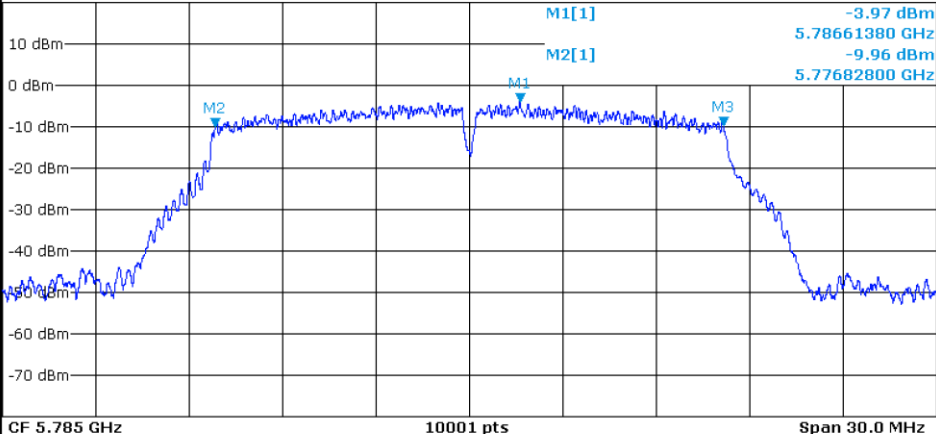
| Type | Ref | Trc | X-value       | Y-value    | Function | Function Result |
|------|-----|-----|---------------|------------|----------|-----------------|
| M1   |     | 1   | 5.7437431 GHz | -4.61 dBm  |          |                 |
| M2   |     | 1   | 5.736834 GHz  | -10.54 dBm |          |                 |
| M3   |     | 1   | 5.753157 GHz  | -10.52 dBm |          |                 |

## -6dB Bandwidth NVNT a 5785MHz Ant1

### Spectrum

Ref Level 20.00 dBm Offset 4.71 dB RBW 100 kHz  
Att 30 dB SWT 75.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

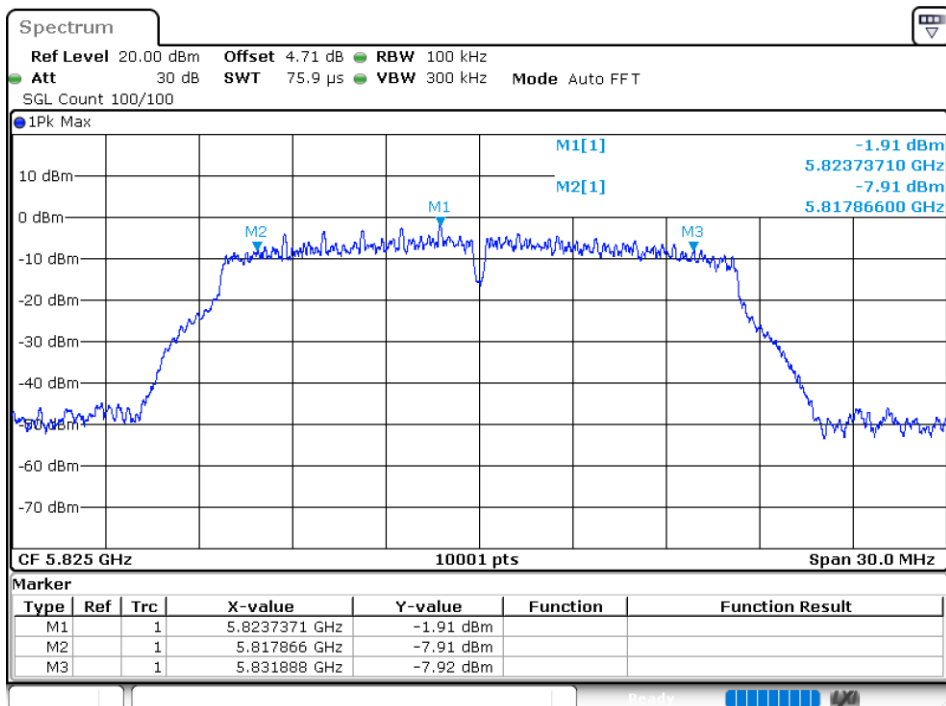
1Pk Max



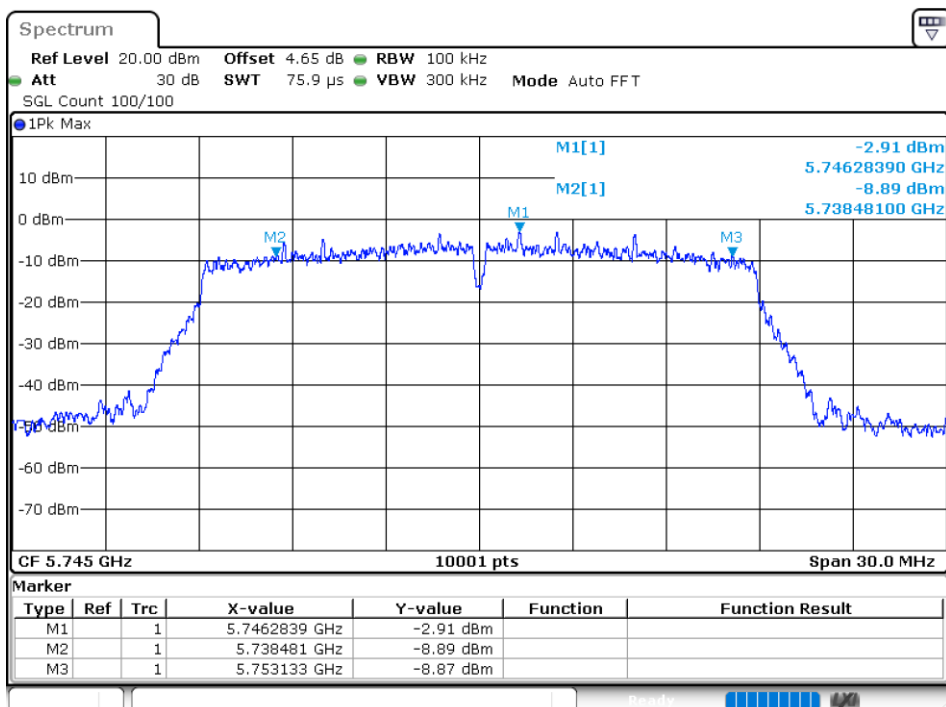
### Marker

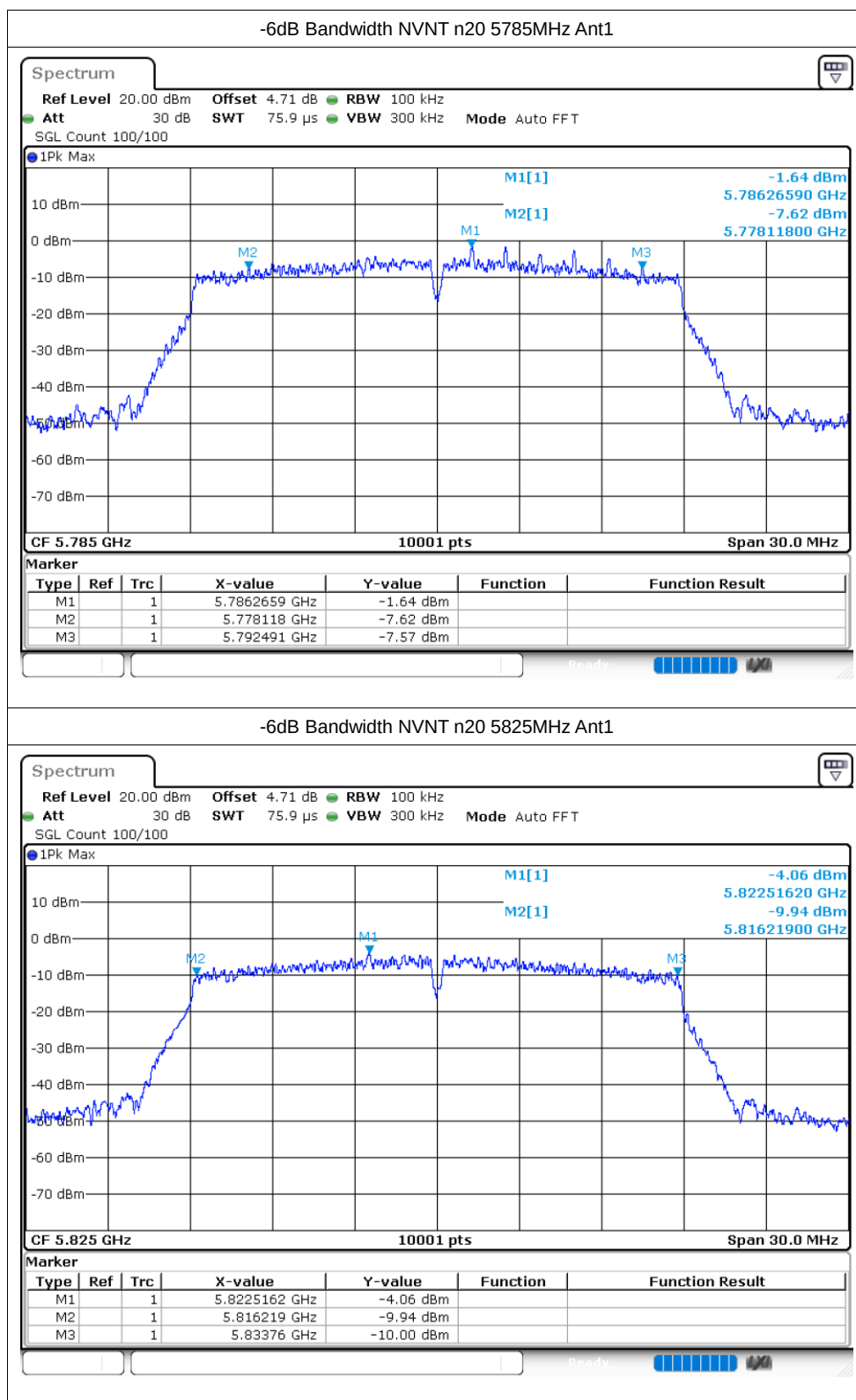
| Type | Ref | Trc | X-value       | Y-value   | Function | Function Result |
|------|-----|-----|---------------|-----------|----------|-----------------|
| M1   |     | 1   | 5.7866138 GHz | -3.97 dBm |          |                 |
| M2   |     | 1   | 5.776828 GHz  | -9.96 dBm |          |                 |
| M3   |     | 1   | 5.79316 GHz   | -9.78 dBm |          |                 |

-6dB Bandwidth NVNT a 5825MHz Ant1

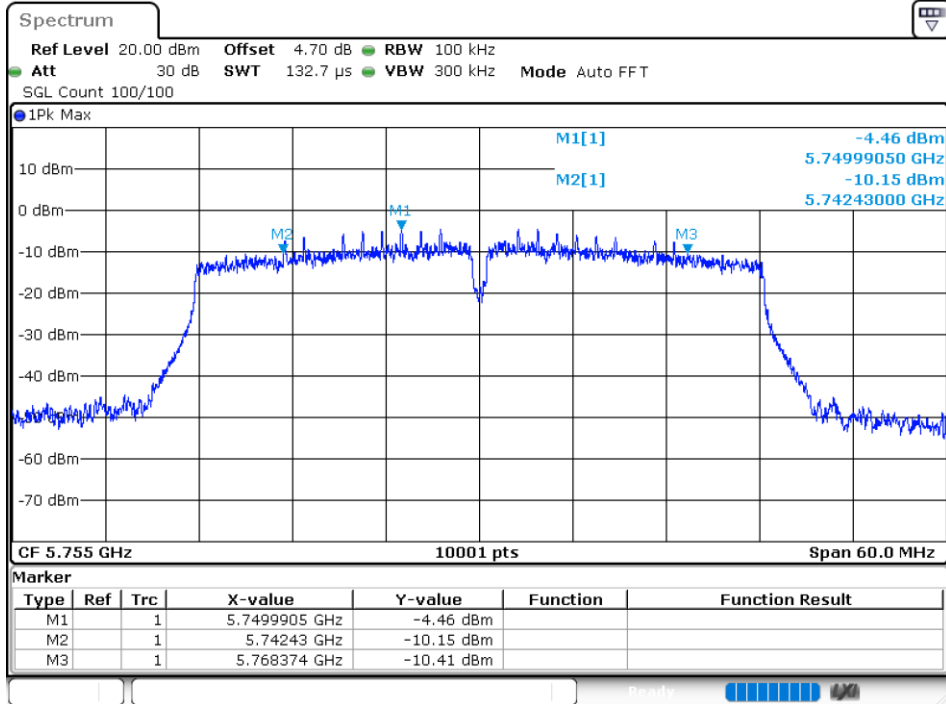


-6dB Bandwidth NVNT n20 5745MHz Ant1

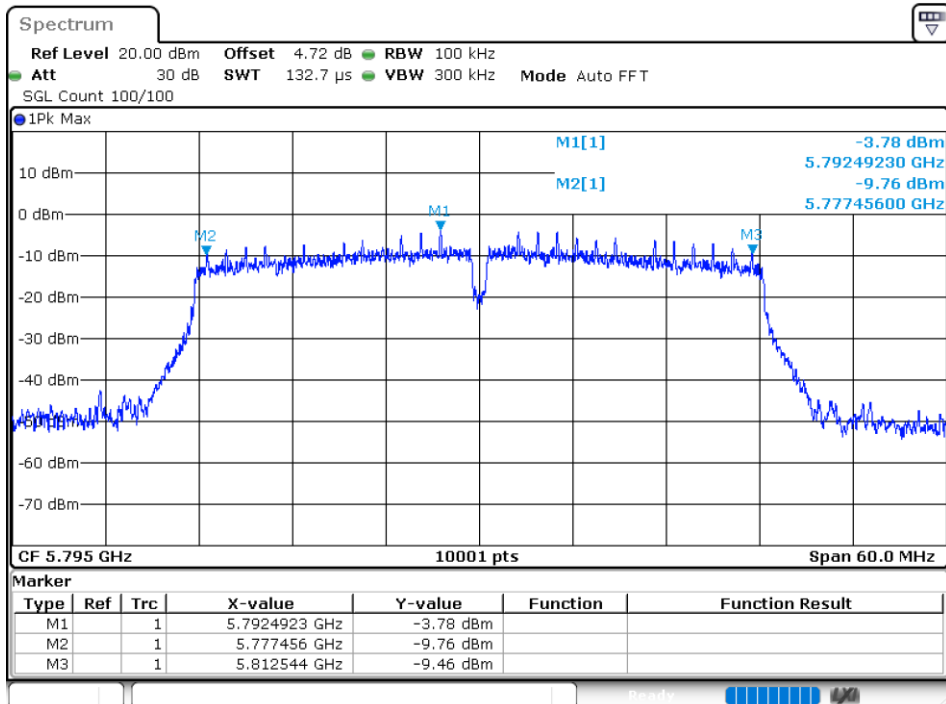


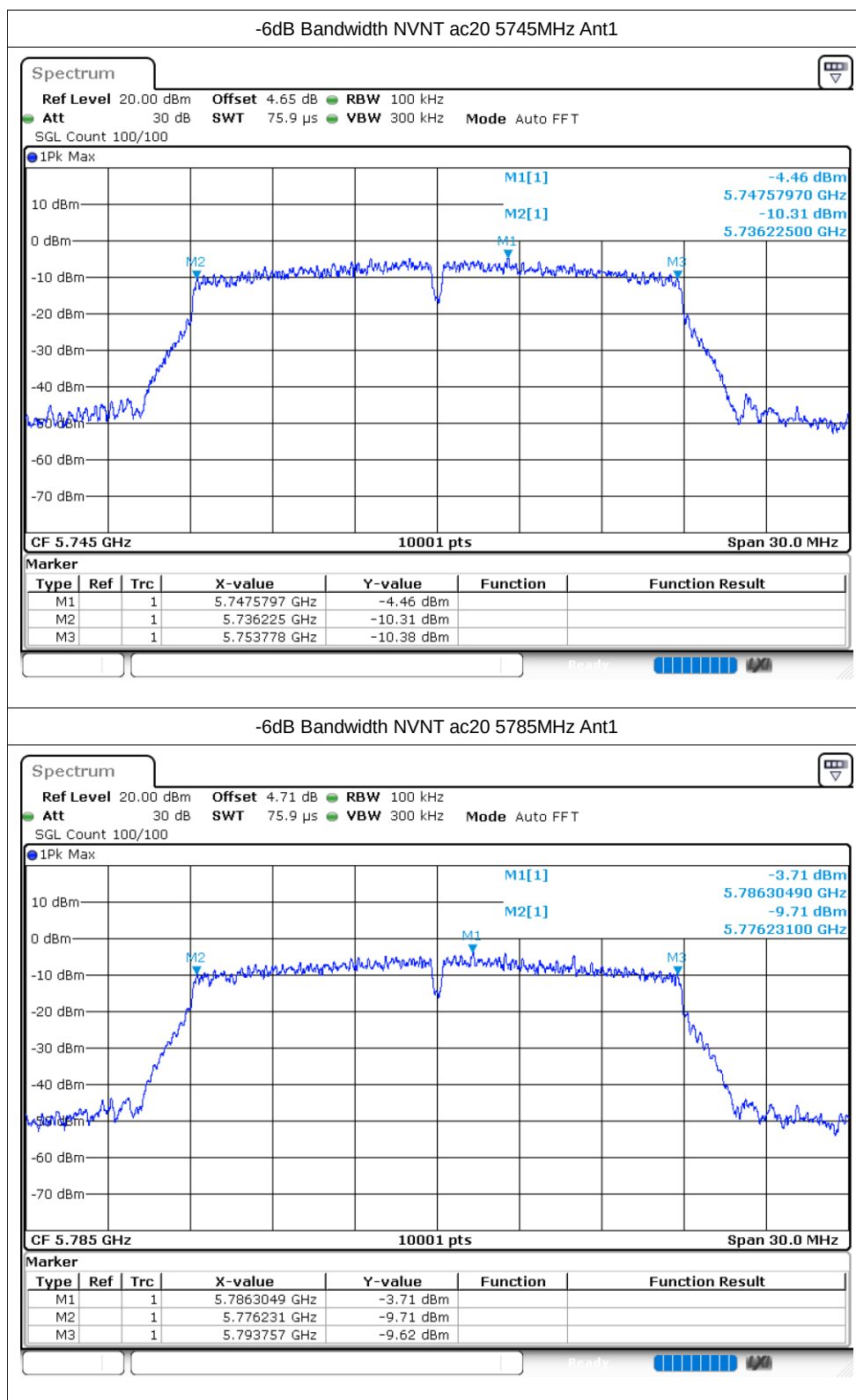


-6dB Bandwidth NVNT n40 5755MHz Ant1

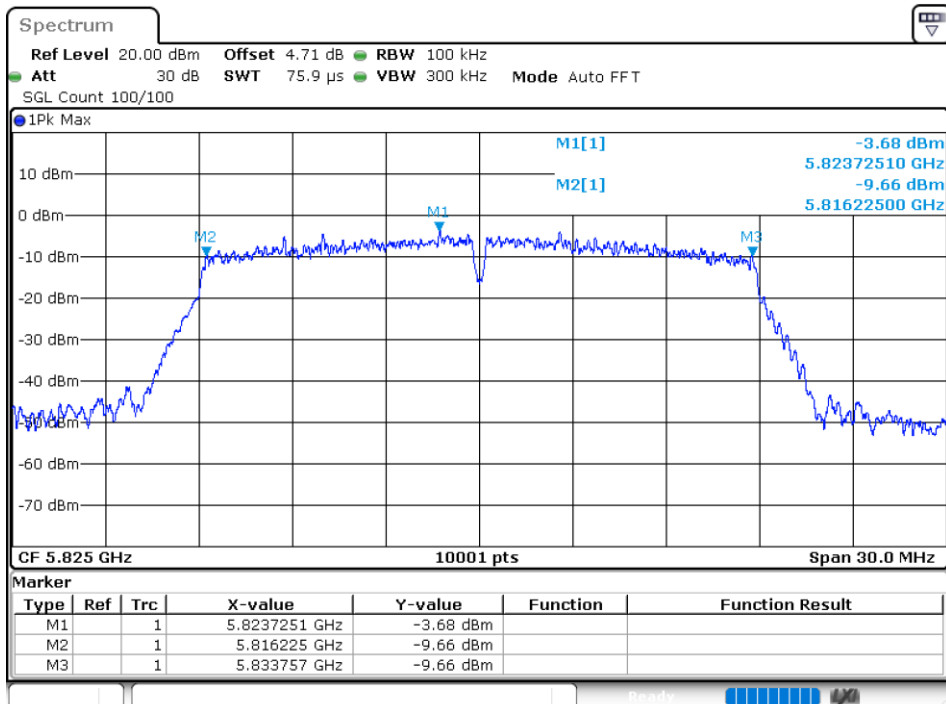


-6dB Bandwidth NVNT n40 5795MHz Ant1

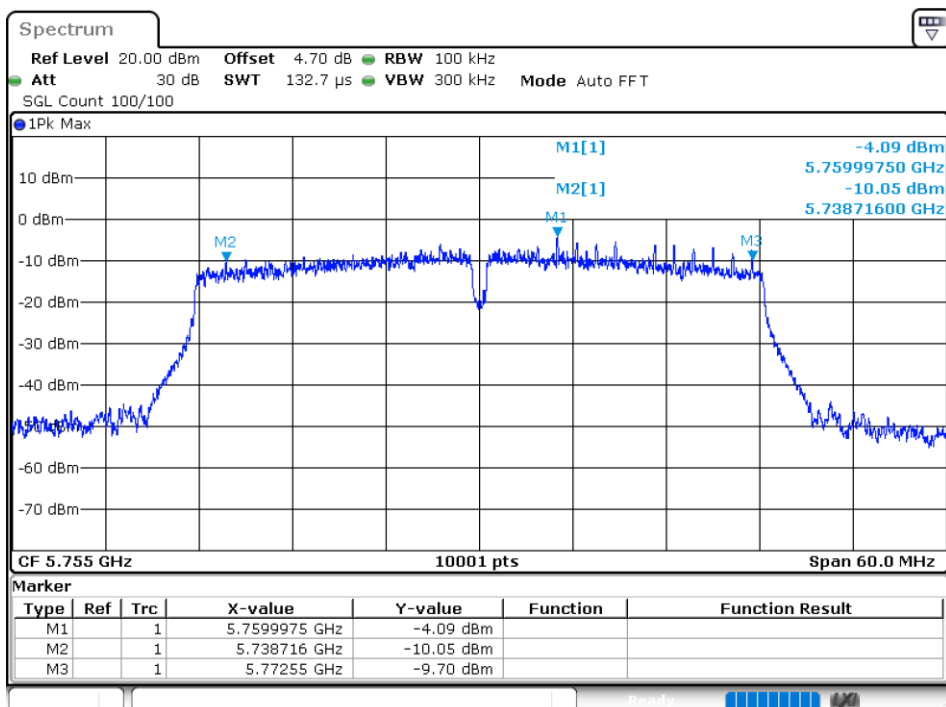




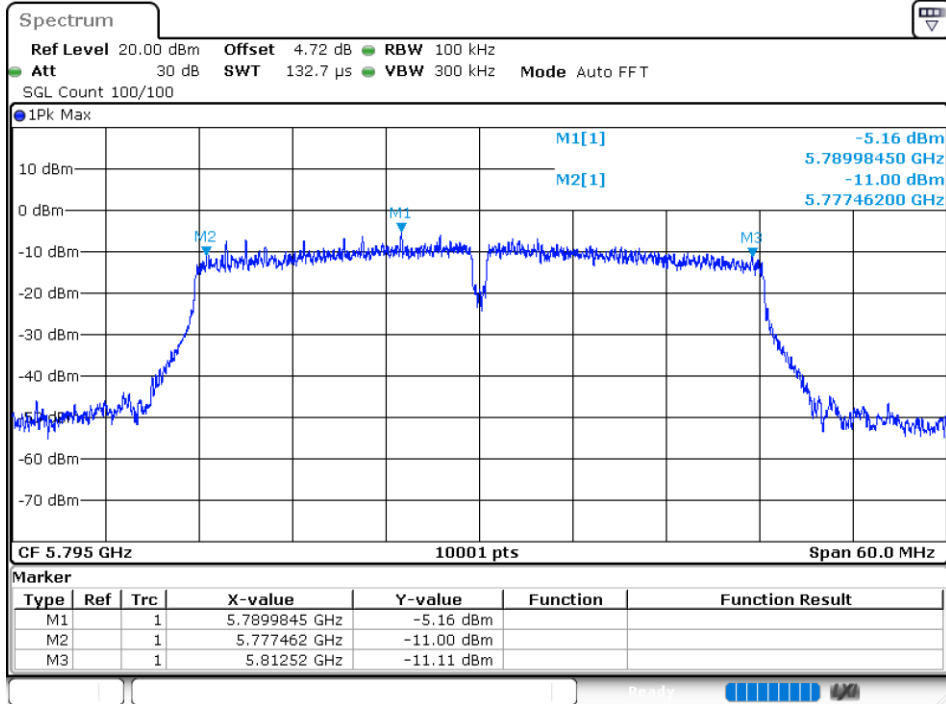
## -6dB Bandwidth NVNT ac20 5825MHz Ant1



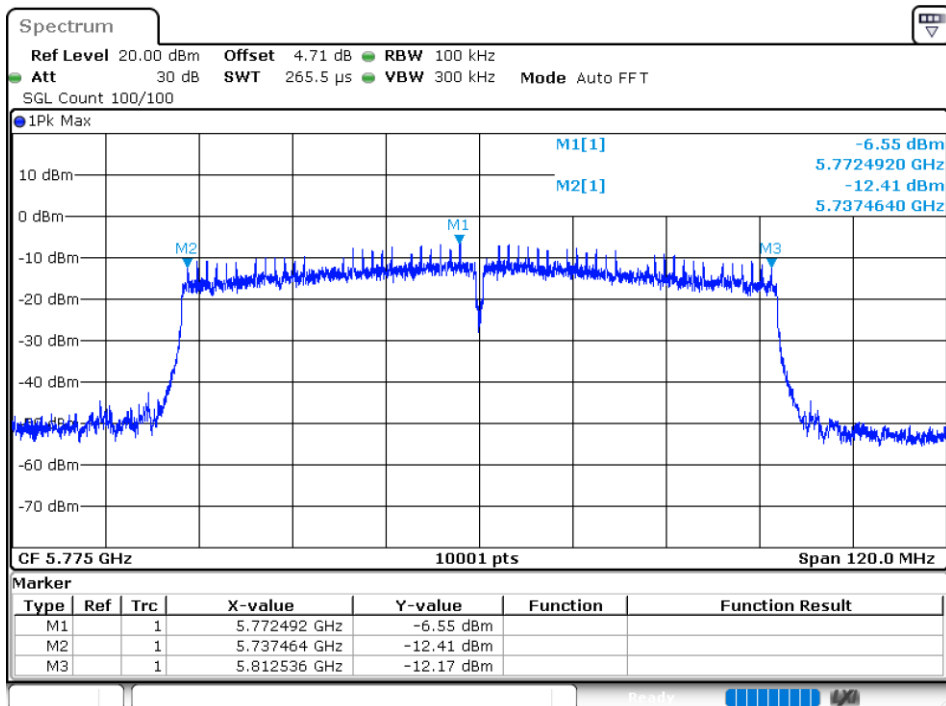
## -6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

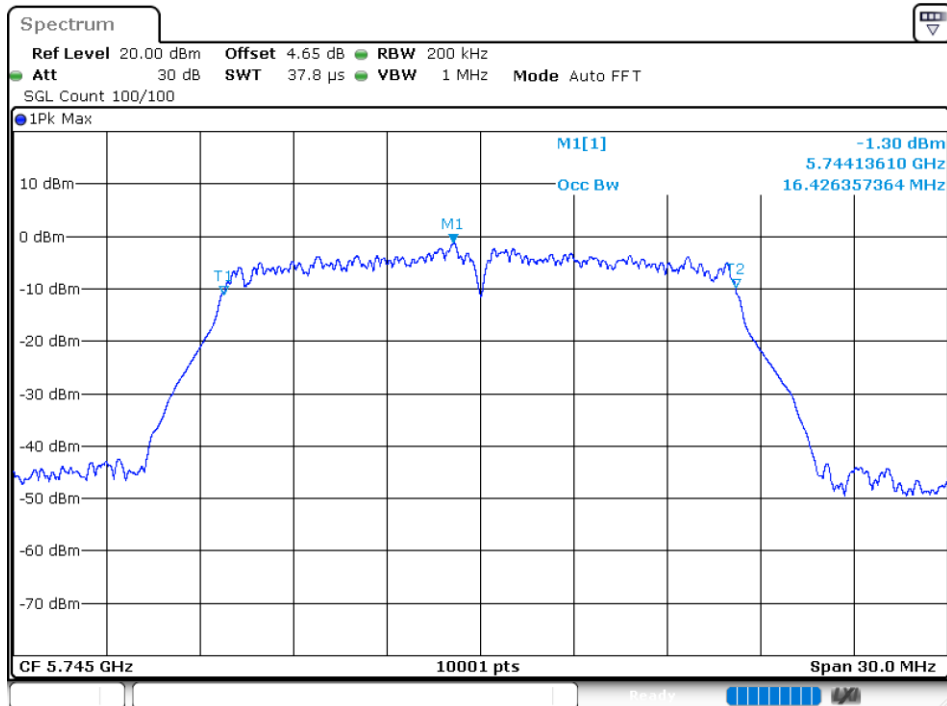


## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.426        |
| NVNT      | a    | 5785            | Ant1    | 16.408        |
| NVNT      | a    | 5825            | Ant1    | 16.303        |
| NVNT      | n20  | 5745            | Ant1    | 17.578        |
| NVNT      | n20  | 5785            | Ant1    | 17.5          |
| NVNT      | n20  | 5825            | Ant1    | 17.557        |
| NVNT      | n40  | 5755            | Ant1    | 35.996        |
| NVNT      | n40  | 5795            | Ant1    | 36.032        |
| NVNT      | ac20 | 5745            | Ant1    | 17.521        |
| NVNT      | ac20 | 5785            | Ant1    | 17.455        |
| NVNT      | ac20 | 5825            | Ant1    | 17.515        |
| NVNT      | ac40 | 5755            | Ant1    | 35.978        |
| NVNT      | ac40 | 5795            | Ant1    | 36.014        |
| NVNT      | ac80 | 5775            | Ant1    | 74.969        |

Test Graphs

OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1

