

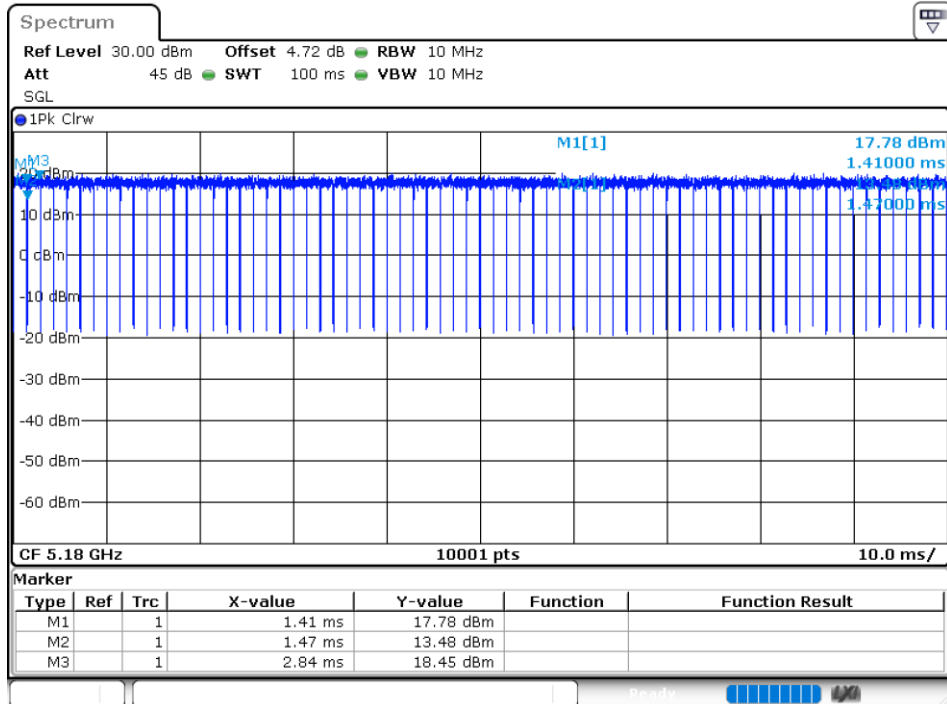
## 5.2G WIFI

### Duty Cycle

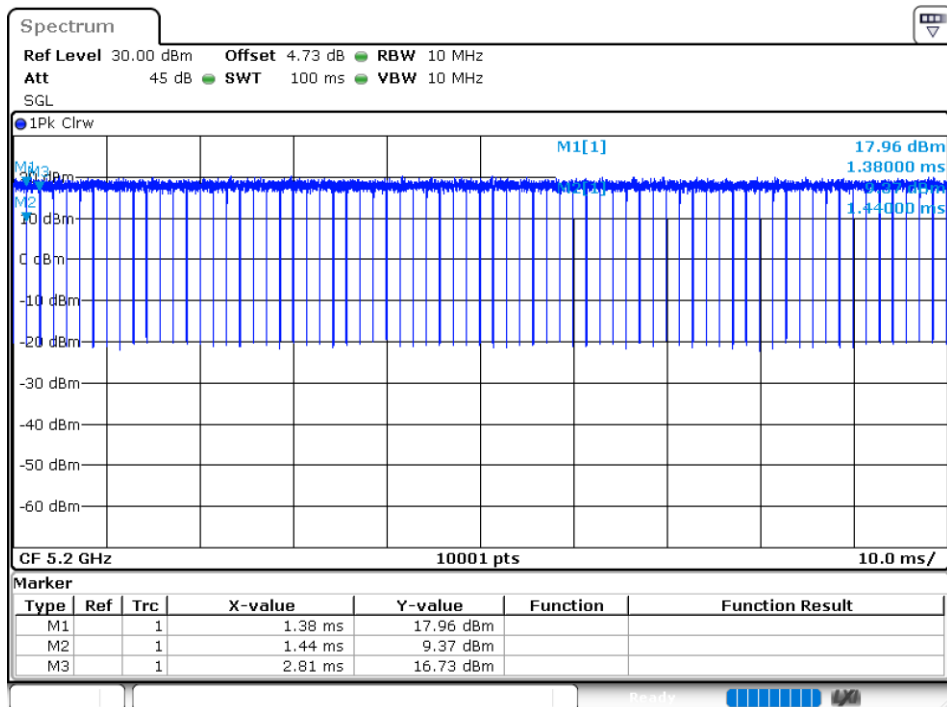
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 96.3           | 0.16                   | 0.73      |
| NVNT      | a    | 5200            | Ant1    | 96.31          | 0.16                   | 0.73      |
| NVNT      | a    | 5240            | Ant1    | 96.3           | 0.16                   | 0.74      |

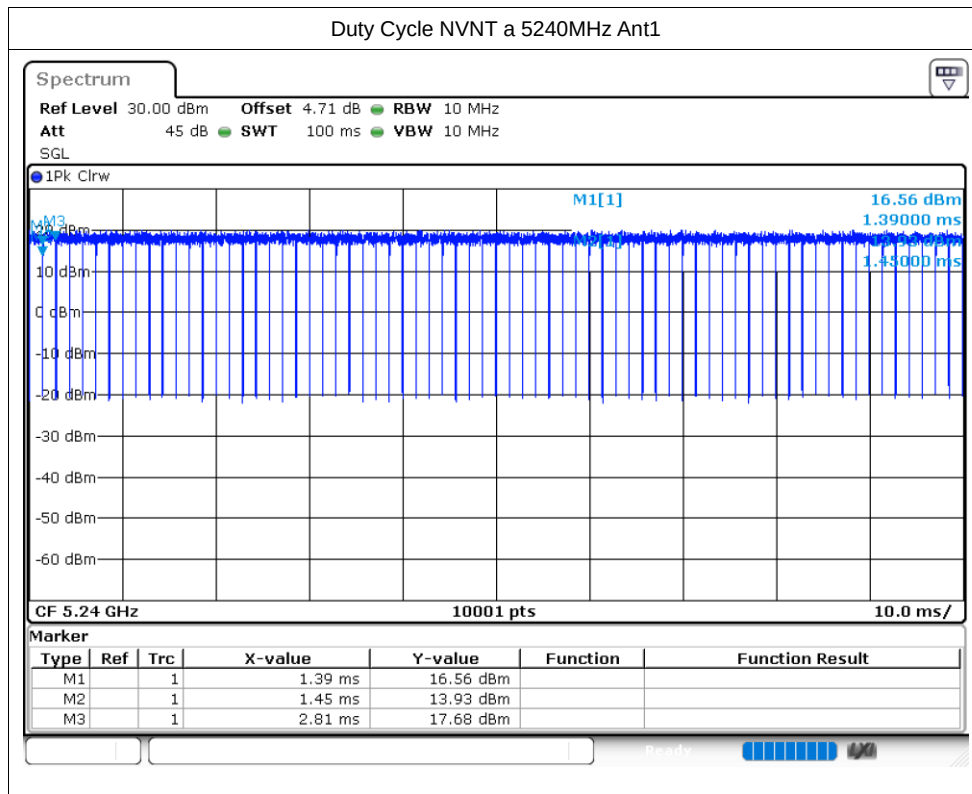
# Test Graphs

## Duty Cycle NVNT a 5180MHz Ant1



## Duty Cycle NVNT a 5200MHz Ant1





## Maximum Conducted Output Power

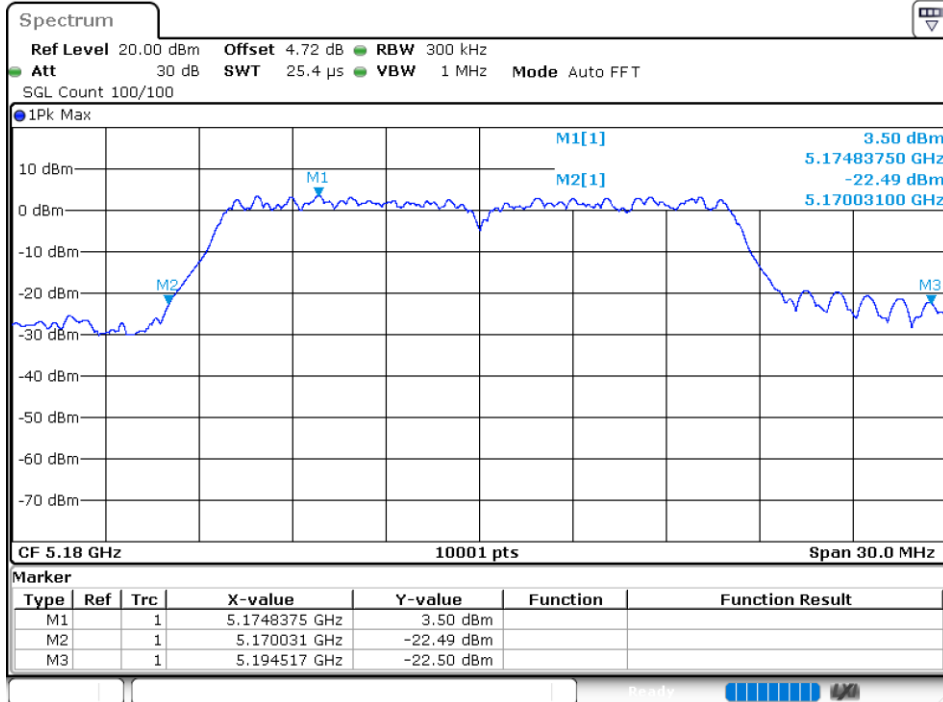
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | a    | 5180               | Ant1    | 13.72                    | 24             | Pass    |
| NVNT      | a    | 5200               | Ant1    | 13.54                    | 24             | Pass    |
| NVNT      | a    | 5240               | Ant1    | 13.57                    | 24             | Pass    |

## -26dB Bandwidth

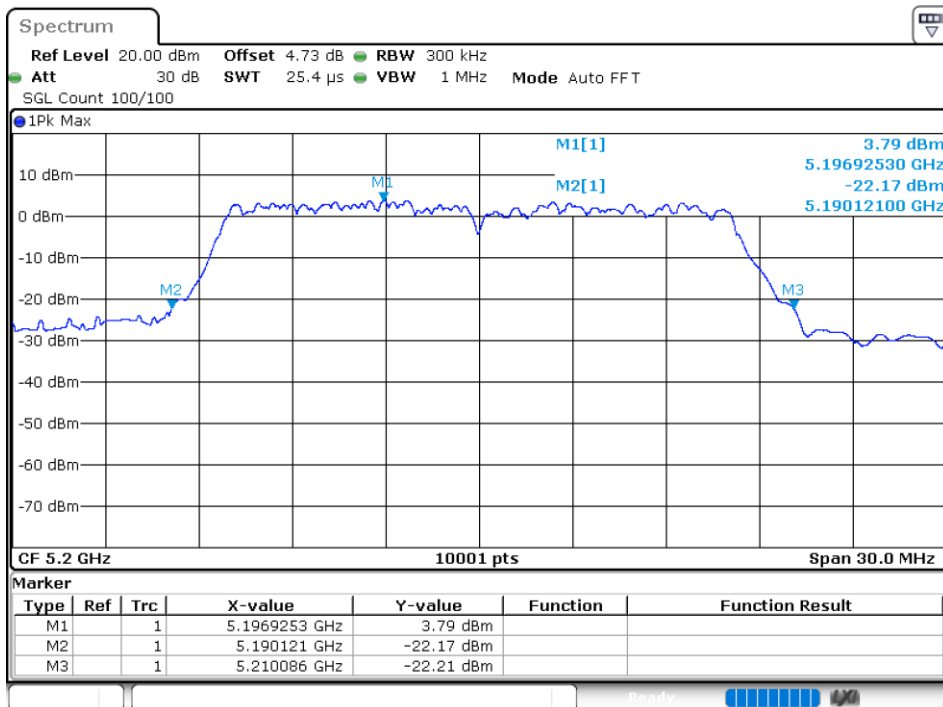
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 24.486                 | Pass    |
| NVNT      | a    | 5200            | Ant1    | 19.965                 | Pass    |
| NVNT      | a    | 5240            | Ant1    | 20.844                 | Pass    |

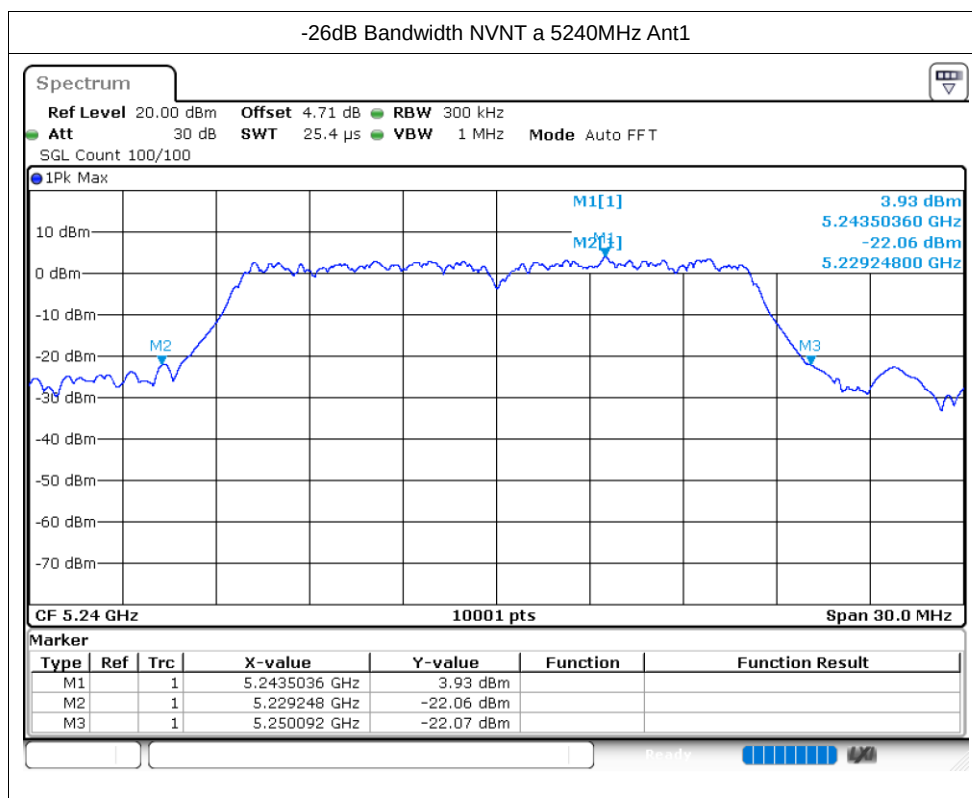
# Test Graphs

## -26dB Bandwidth NVNT a 5180MHz Ant1



## -26dB Bandwidth NVNT a 5200MHz Ant1



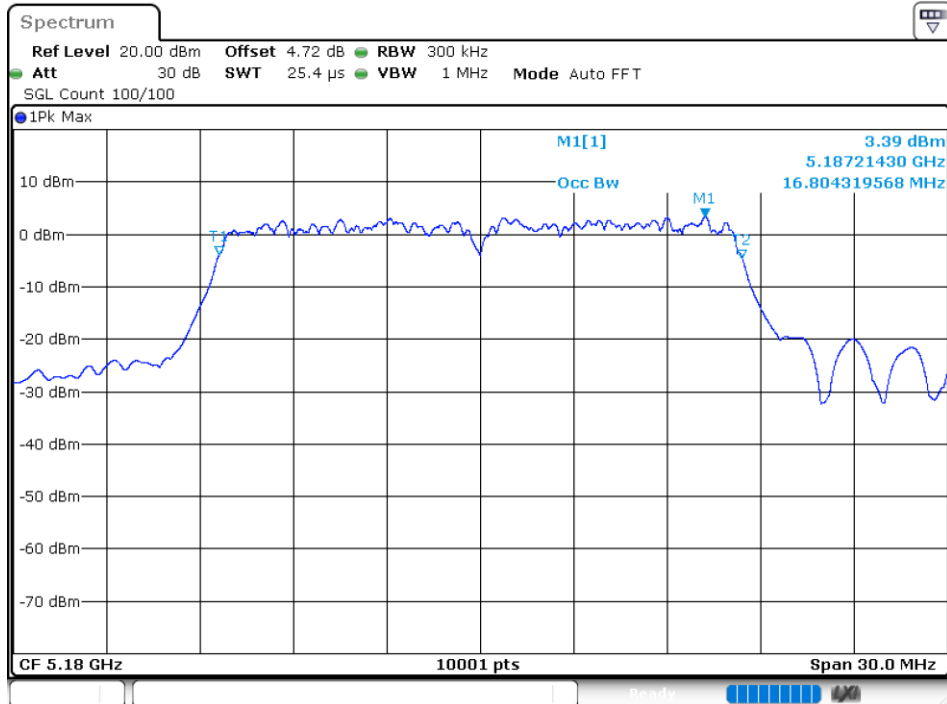


# Occupied Channel Bandwidth

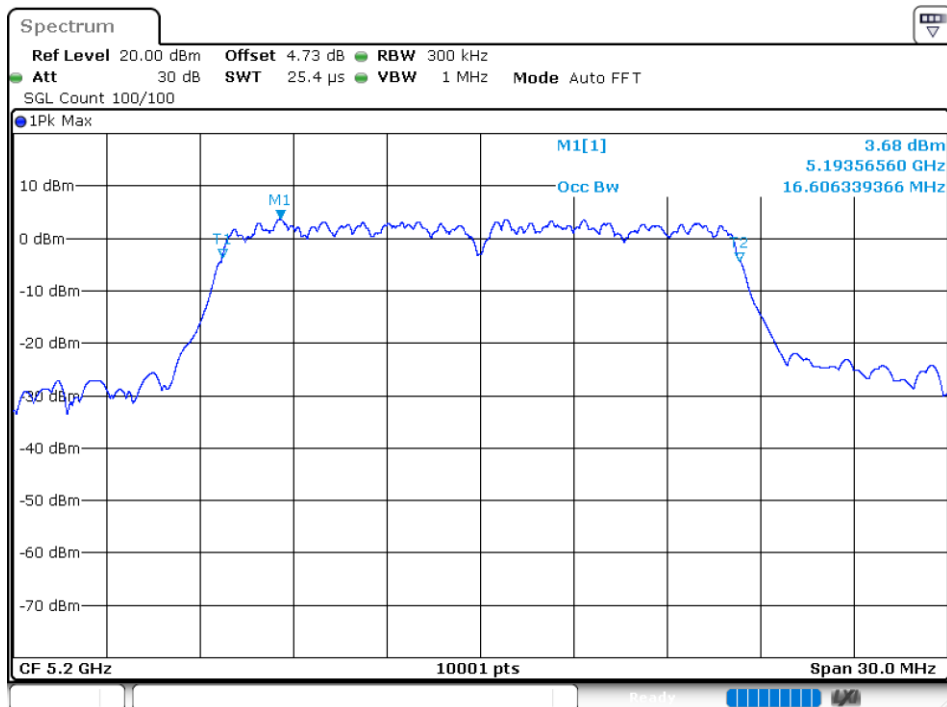
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5180            | Ant1    | 16.804        |
| NVNT      | a    | 5200            | Ant1    | 16.606        |
| NVNT      | a    | 5240            | Ant1    | 16.615        |

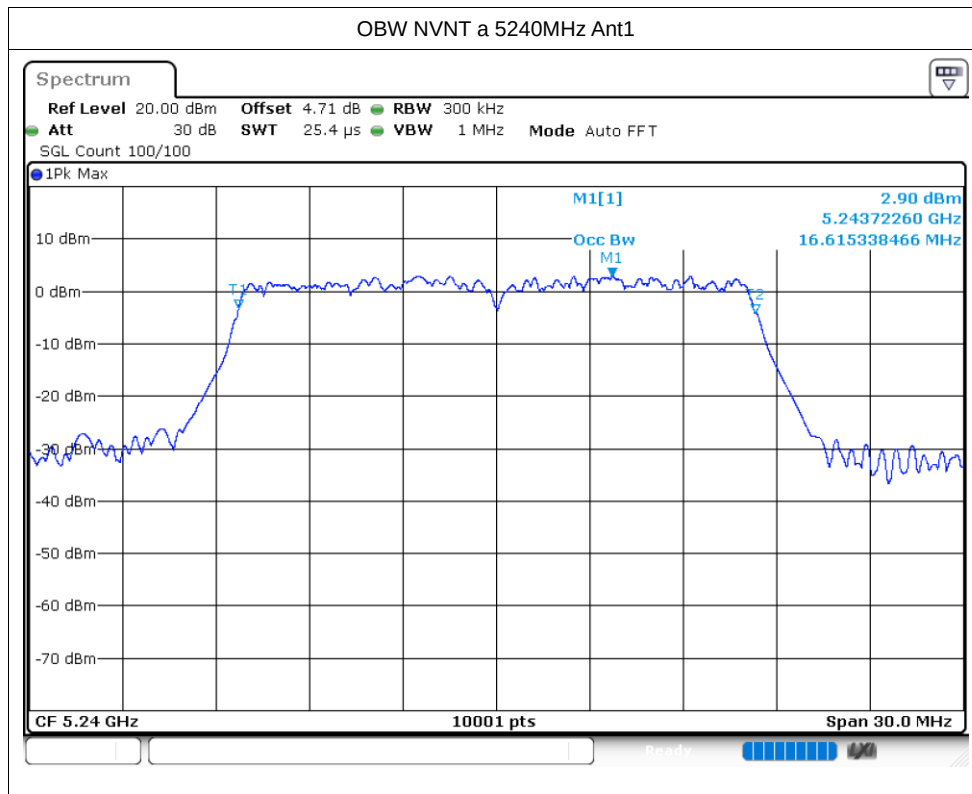
Test Graphs

OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



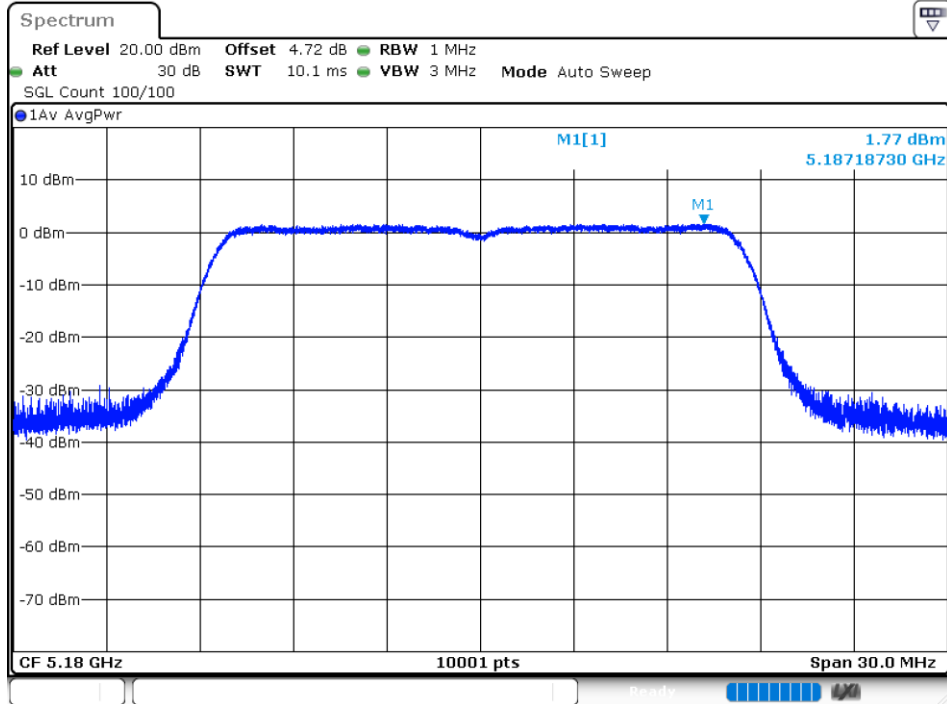


## Maximum Power Spectral Density Level

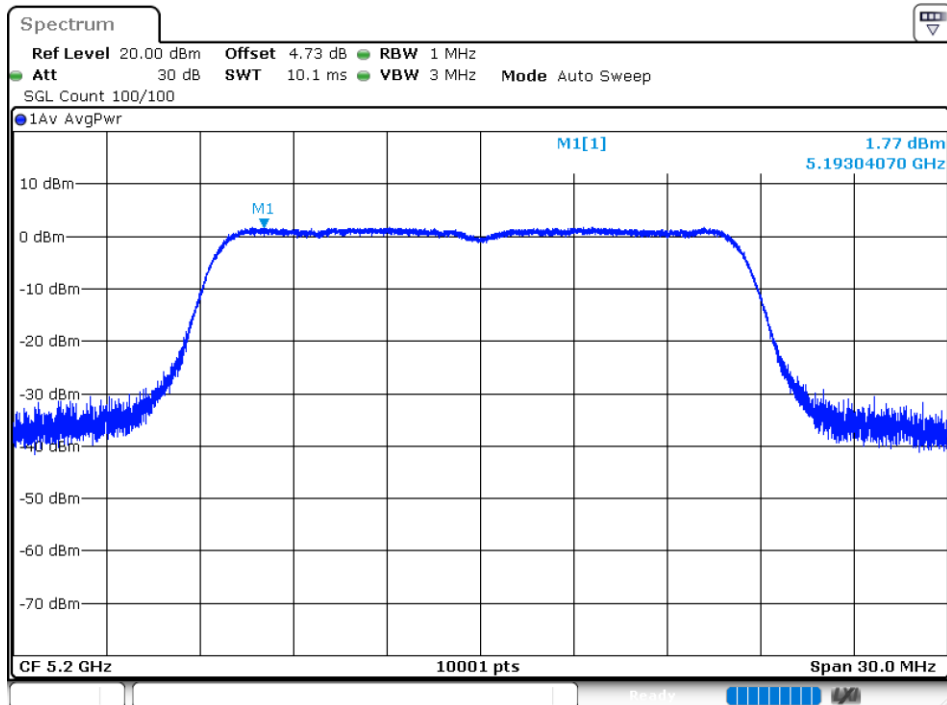
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 1.77                | 0.16             | 1.93            | 11          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 1.77                | 0.16             | 1.93            | 11          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 1.48                | 0.16             | 1.64            | 11          | Pass    |

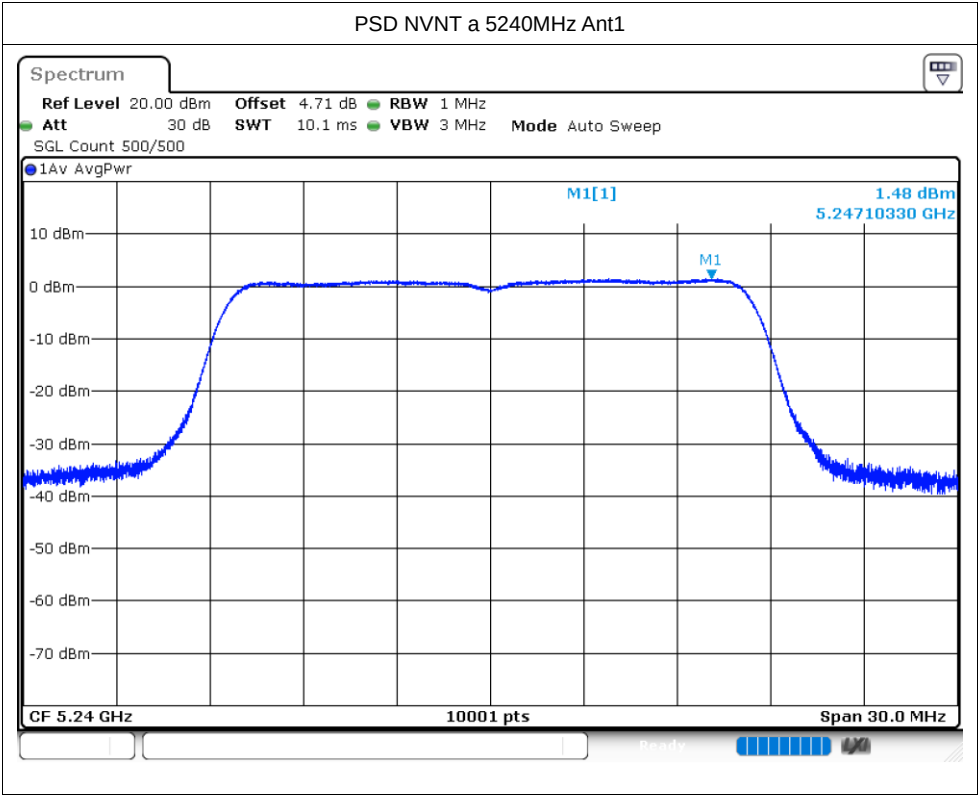
Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1





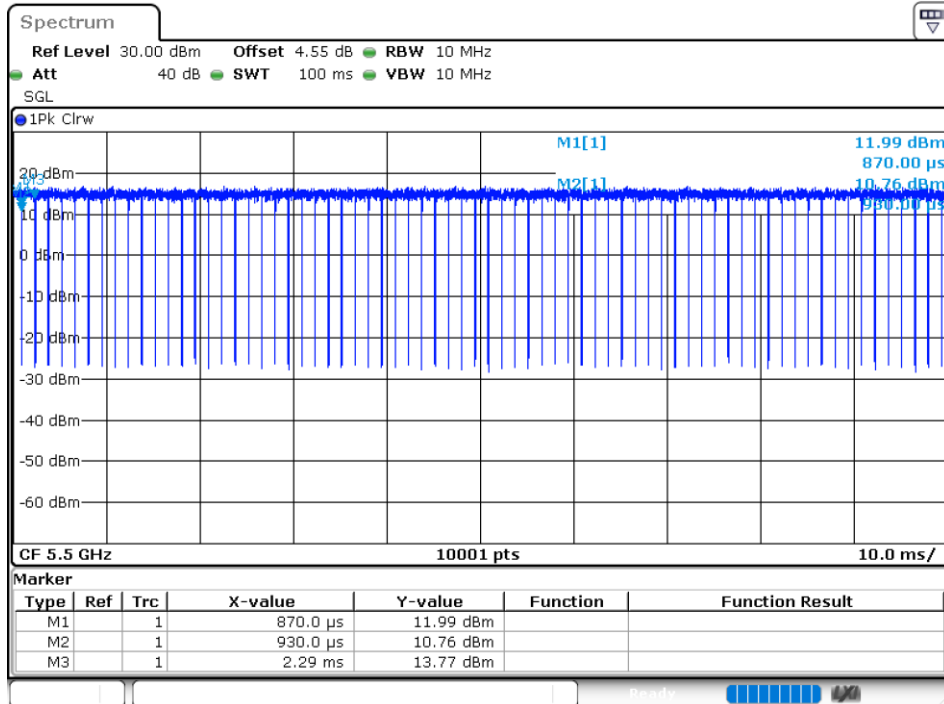
# 5.6G WIFI

## Duty Cycle

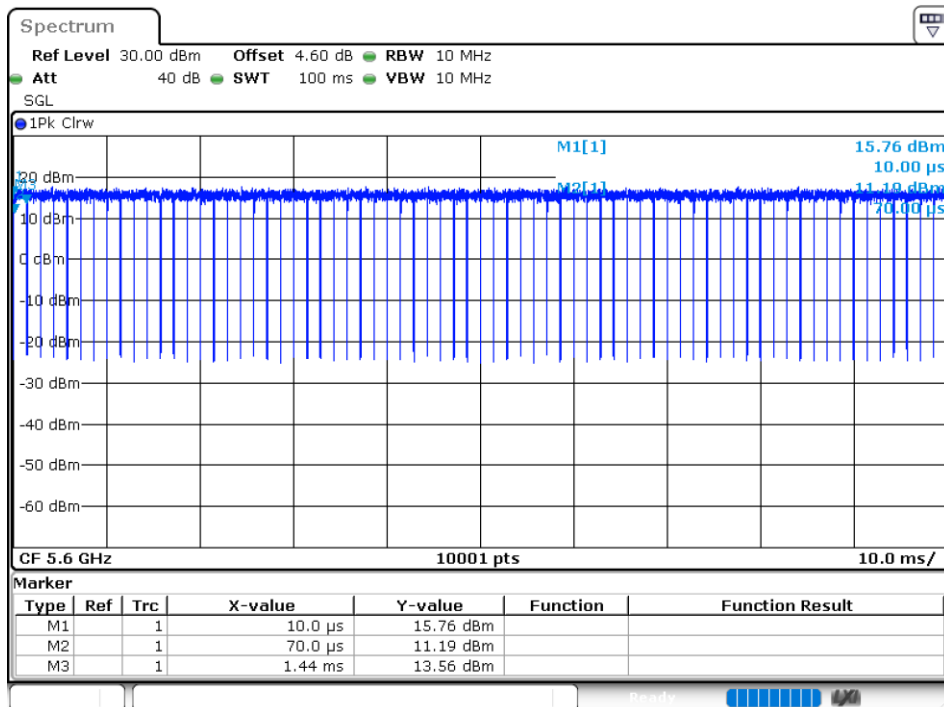
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5500            | Ant1    | 96.28          | 0.16                   | 0.74      |
| NVNT      | a    | 5600            | Ant1    | 96.24          | 0.17                   | 0.73      |
| NVNT      | a    | 5700            | Ant1    | 96.3           | 0.16                   | 0.73      |

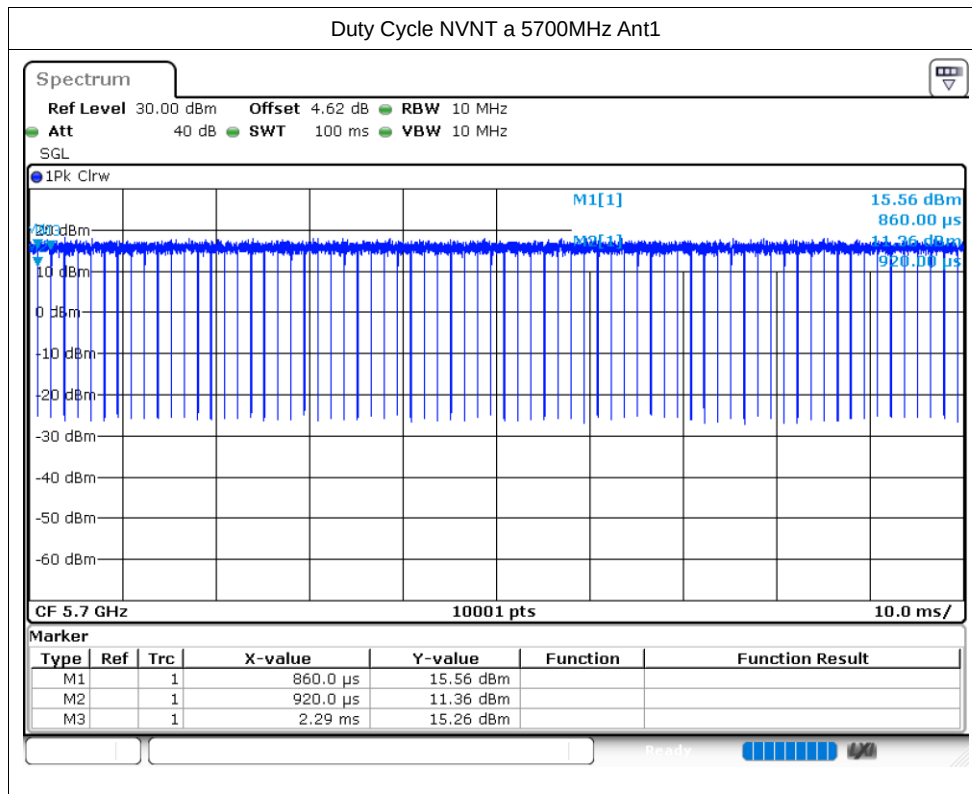
# Test Graphs

## Duty Cycle NVNT a 5500MHz Ant1



## Duty Cycle NVNT a 5600MHz Ant1





## Maximum Conducted Output Power

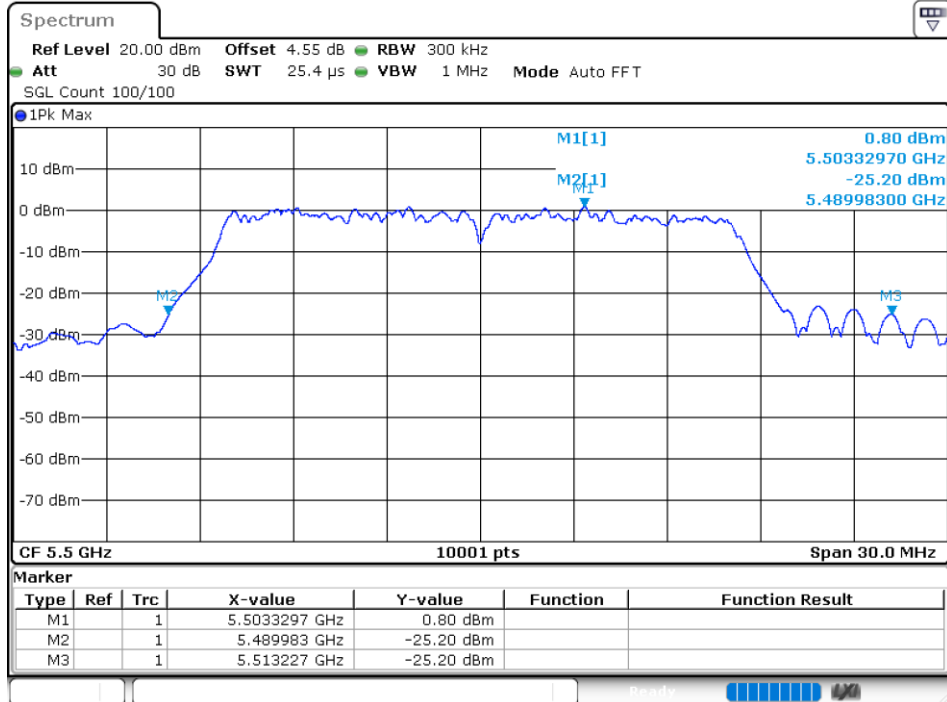
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | a    | 5500               | Ant1    | 11.28                    | 24             | Pass    |
| NVNT      | a    | 5600               | Ant1    | 11.41                    | 24             | Pass    |
| NVNT      | a    | 5700               | Ant1    | 11.47                    | 24             | Pass    |

-26dB Bandwidth

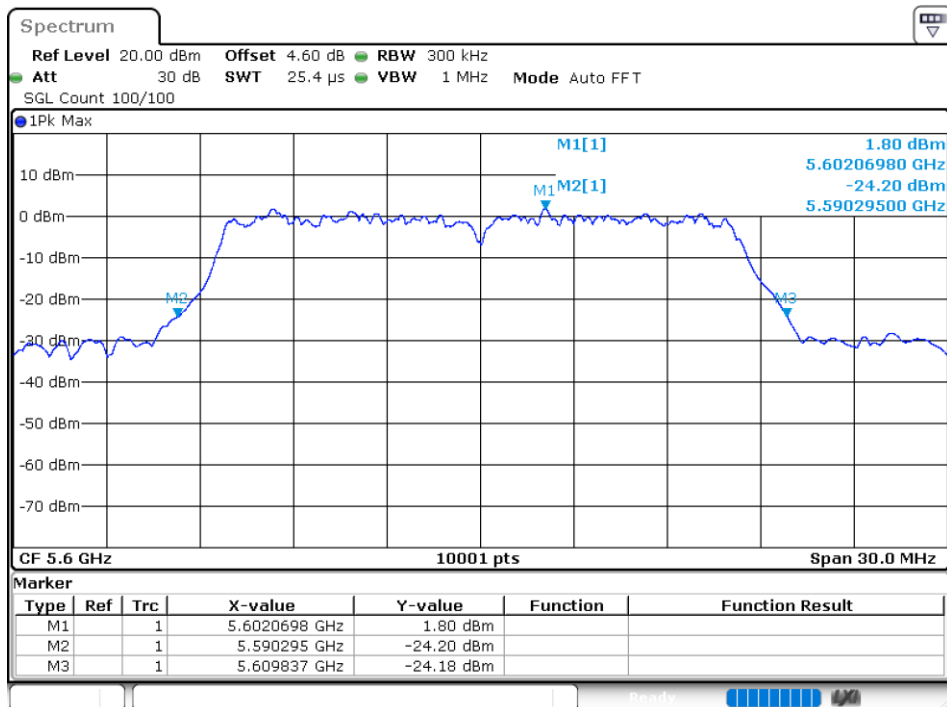
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|---------|
| NVNT      | a    | 5500            | Ant1    | 23.244                 | Pass    |
| NVNT      | a    | 5600            | Ant1    | 19.542                 | Pass    |
| NVNT      | a    | 5700            | Ant1    | 19.722                 | Pass    |

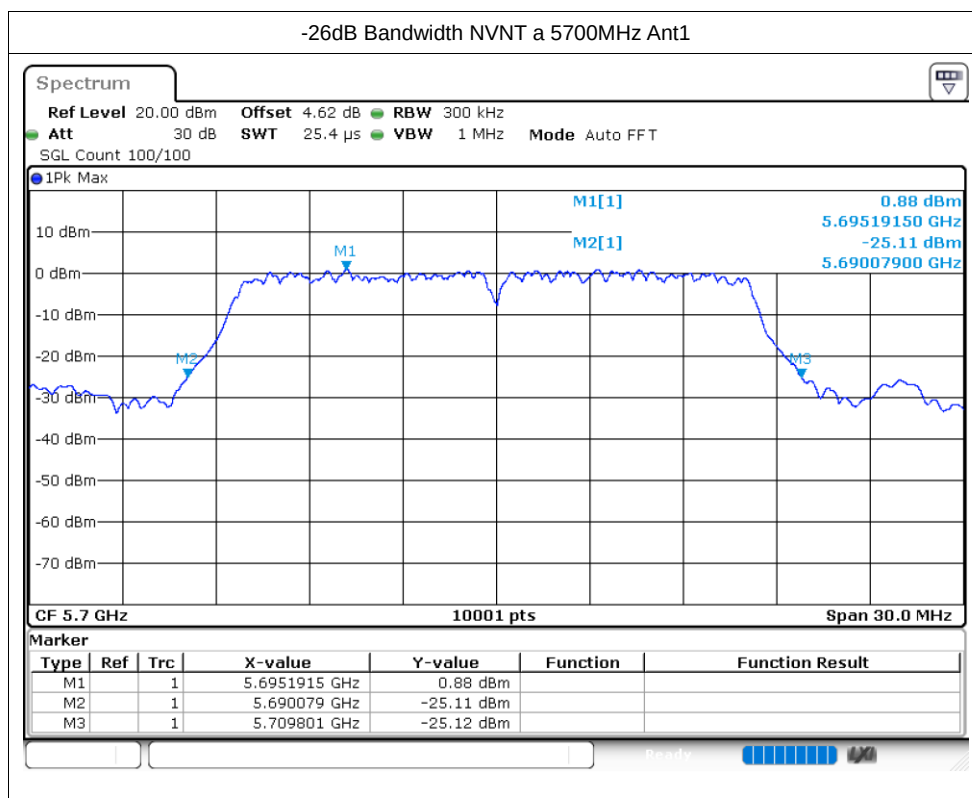
# Test Graphs

## -26dB Bandwidth NVNT a 5500MHz Ant1



## -26dB Bandwidth NVNT a 5600MHz Ant1



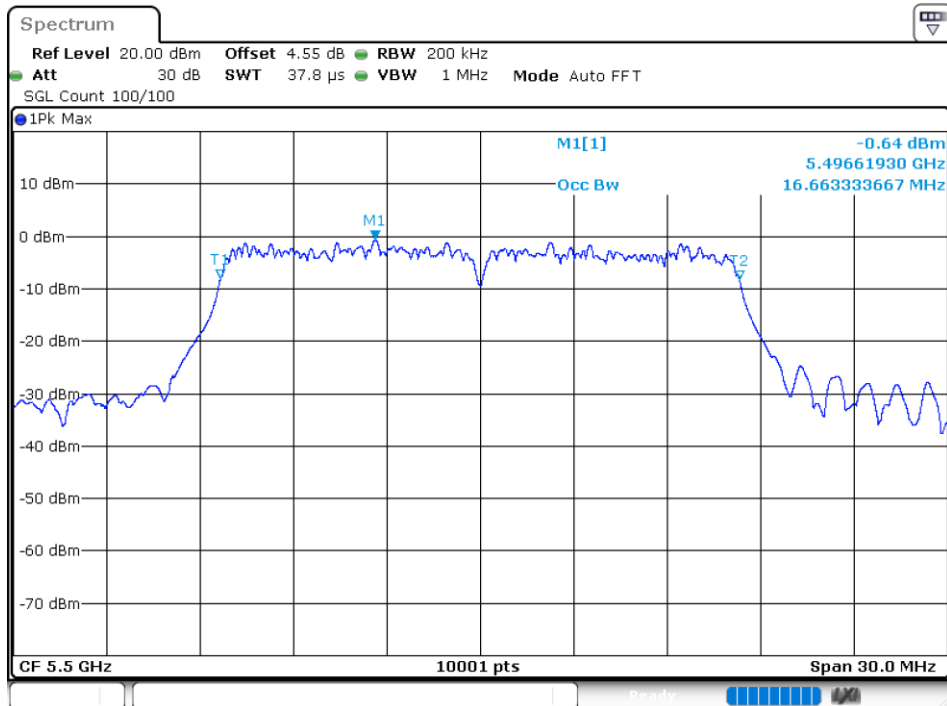


## Occupied Channel Bandwidth

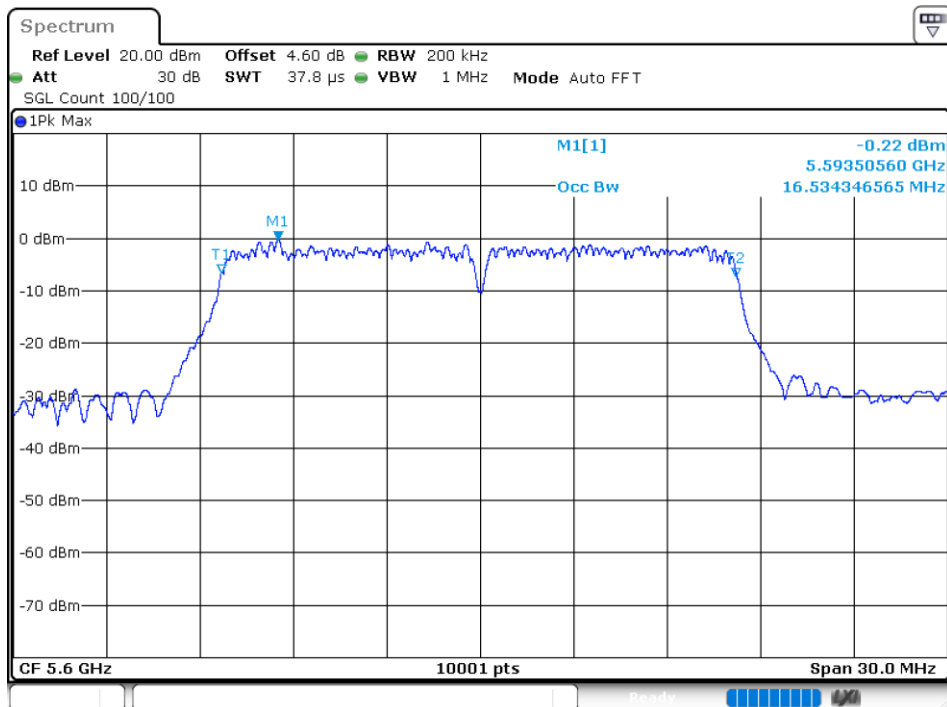
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5500            | Ant1    | 16.663        |
| NVNT      | a    | 5600            | Ant1    | 16.534        |
| NVNT      | a    | 5700            | Ant1    | 16.42         |

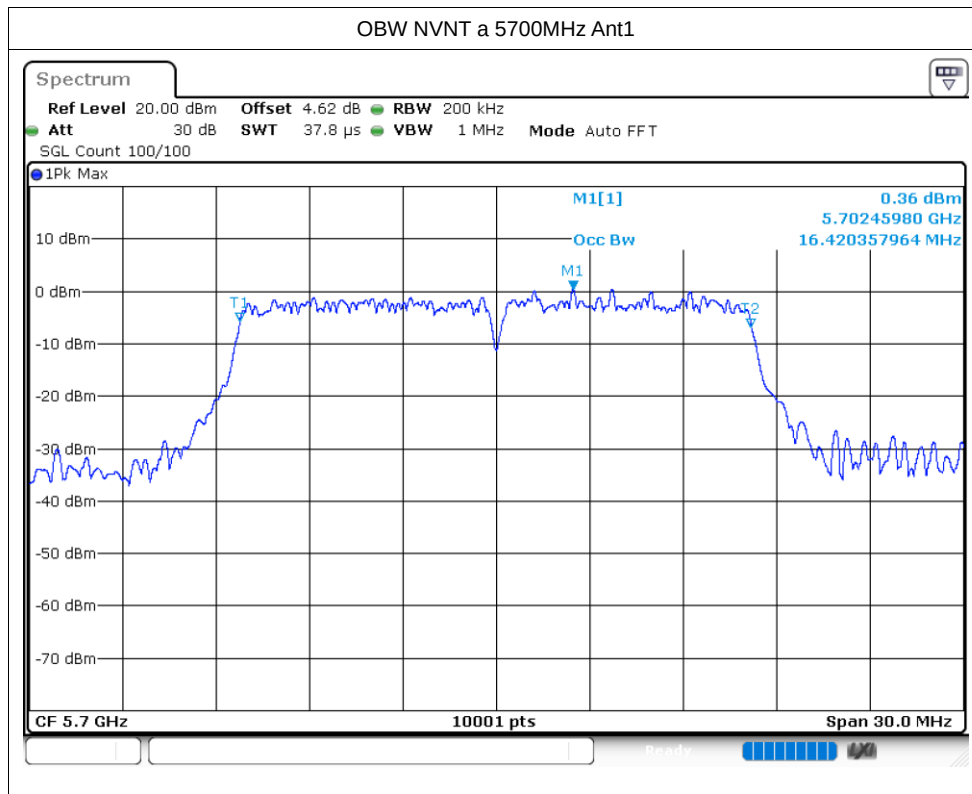
Test Graphs

OBW NVNT a 5500MHz Ant1



OBW NVNT a 5600MHz Ant1



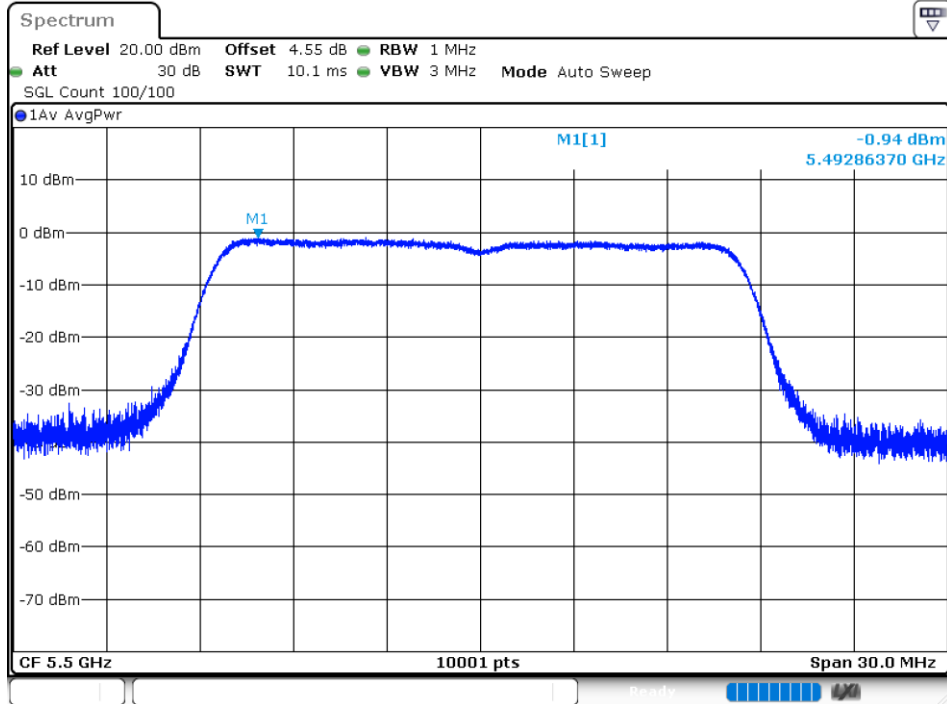


## Maximum Power Spectral Density Level

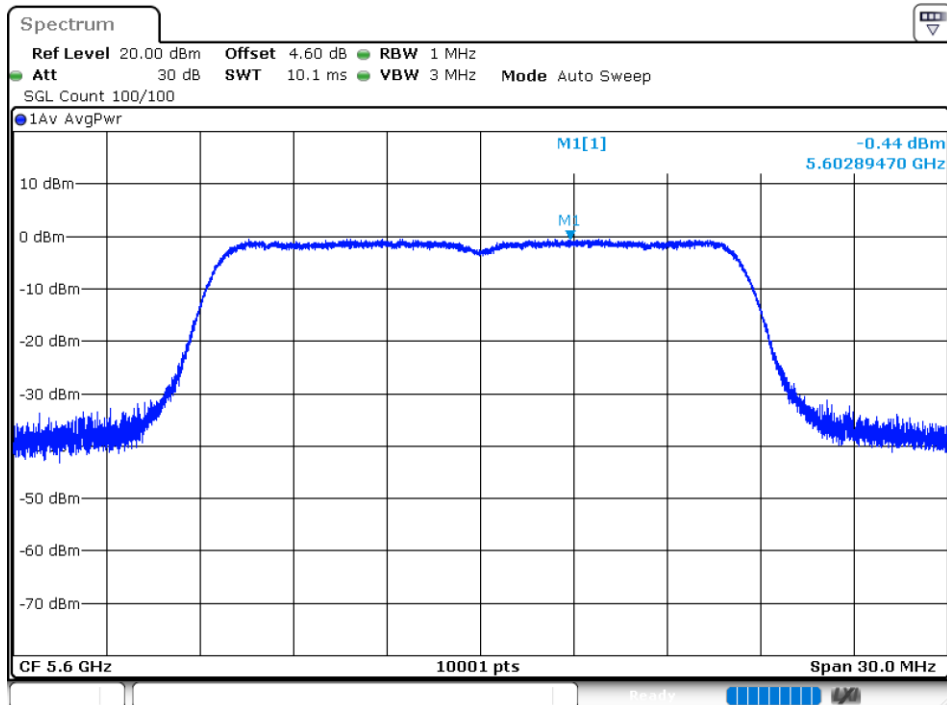
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5500            | Ant1    | -0.94               | 0.16             | -0.78           | 11          | Pass    |
| NVNT      | a    | 5600            | Ant1    | -0.44               | 0.17             | -0.27           | 11          | Pass    |
| NVNT      | a    | 5700            | Ant1    | -0.45               | 0.16             | -0.29           | 11          | Pass    |

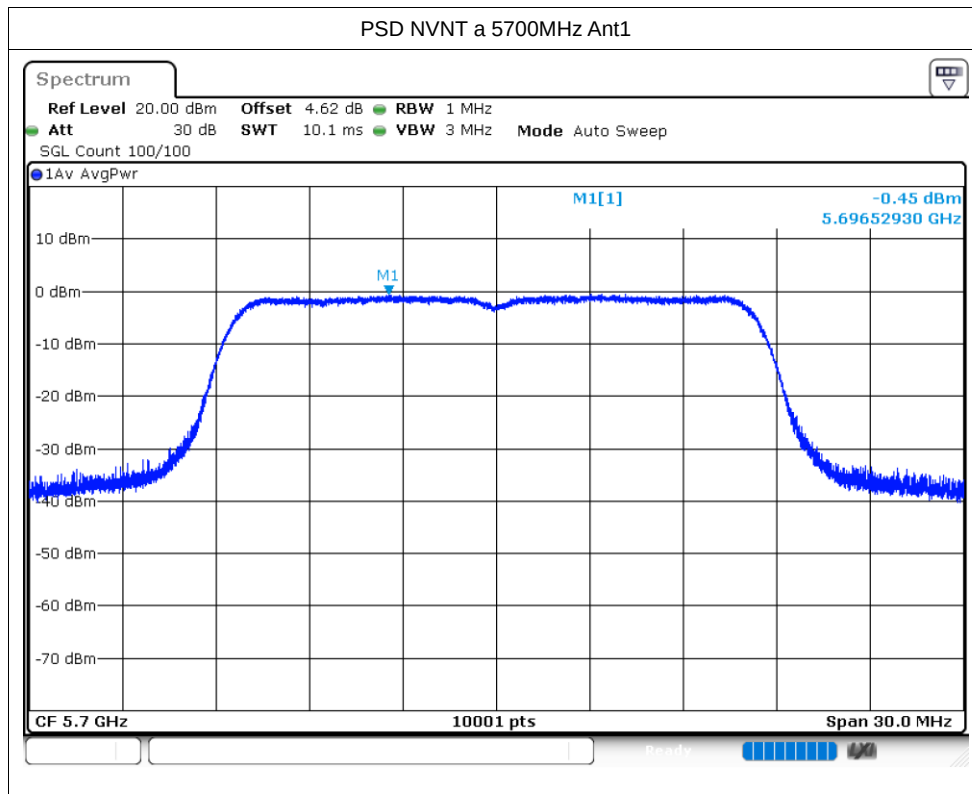
Test Graphs

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    | 96.34          | 0.16                   | 0.74      |
| NVNT      | a    | 5785            | Ant1    | 96.34          | 0.16                   | 0.74      |
| NVNT      | a    | 5825            | Ant1    | 99.48          | 0.02                   | 0.69      |

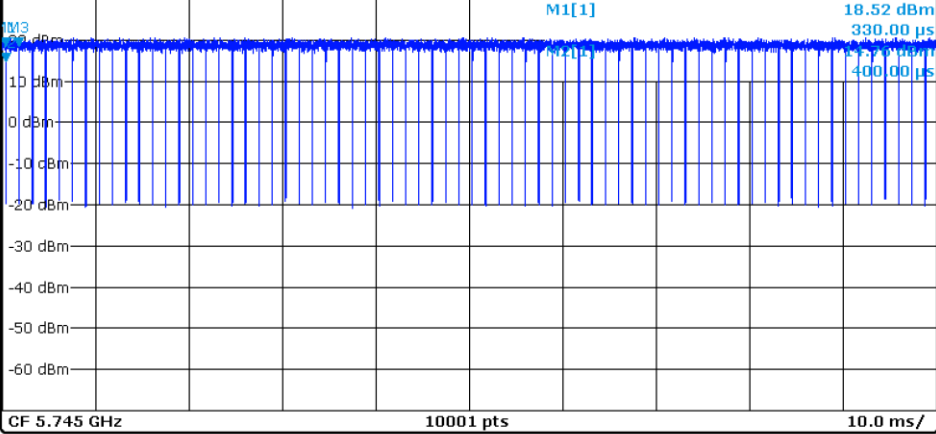
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.65 dB RBW 10 MHz  
Att 45 dB SWT 100 ms VBW 10 MHz  
SGL

1Pk Clrw



Marker

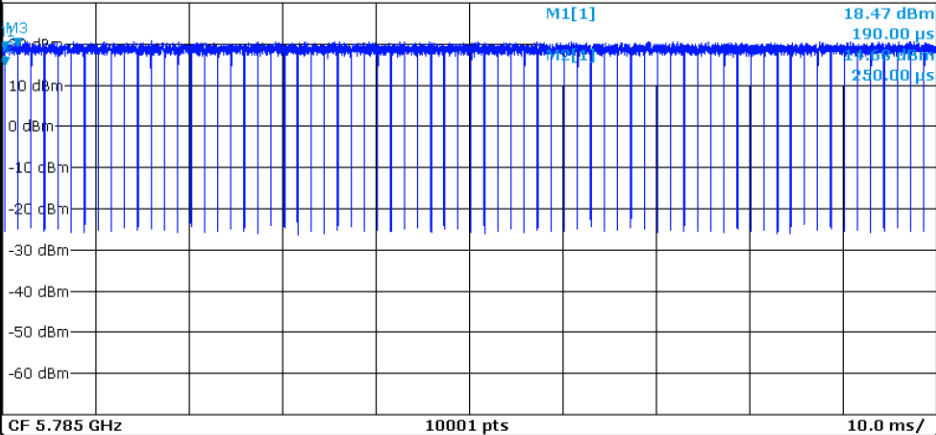
| Type | Ref | Trc | X-value       | Y-value   | Function | Function Result |
|------|-----|-----|---------------|-----------|----------|-----------------|
| M1   | 1   |     | 330.0 $\mu$ s | 18.52 dBm |          |                 |
| M2   | 1   |     | 400.0 $\mu$ s | 14.76 dBm |          |                 |
| M3   | 1   |     | 1.76 ms       | 18.36 dBm |          |                 |

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

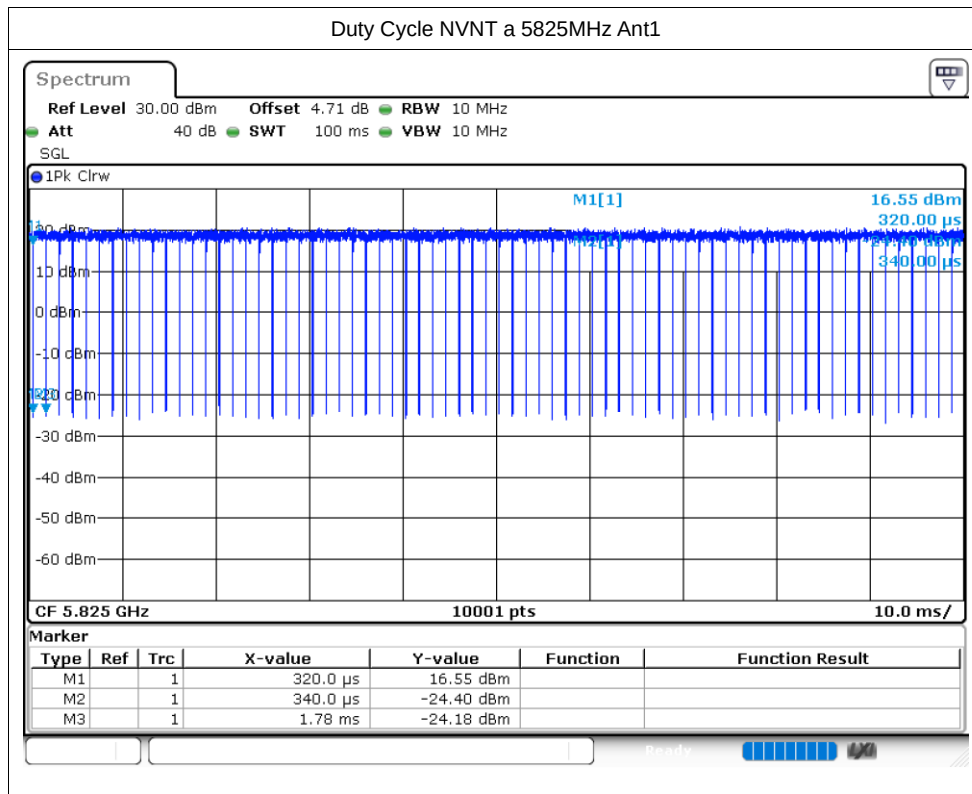
Ref Level 30.00 dBm Offset 4.71 dB RBW 10 MHz  
Att 40 dB SWT 100 ms VBW 10 MHz  
SGL

1Pk Clrw



Marker

| Type | Ref | Trc | X-value       | Y-value   | Function | Function Result |
|------|-----|-----|---------------|-----------|----------|-----------------|
| M1   | 1   |     | 190.0 $\mu$ s | 18.47 dBm |          |                 |
| M2   | 1   |     | 250.0 $\mu$ s | 14.68 dBm |          |                 |
| M3   | 1   |     | 1.61 ms       | 19.34 dBm |          |                 |



## Maximum Conducted Output Power

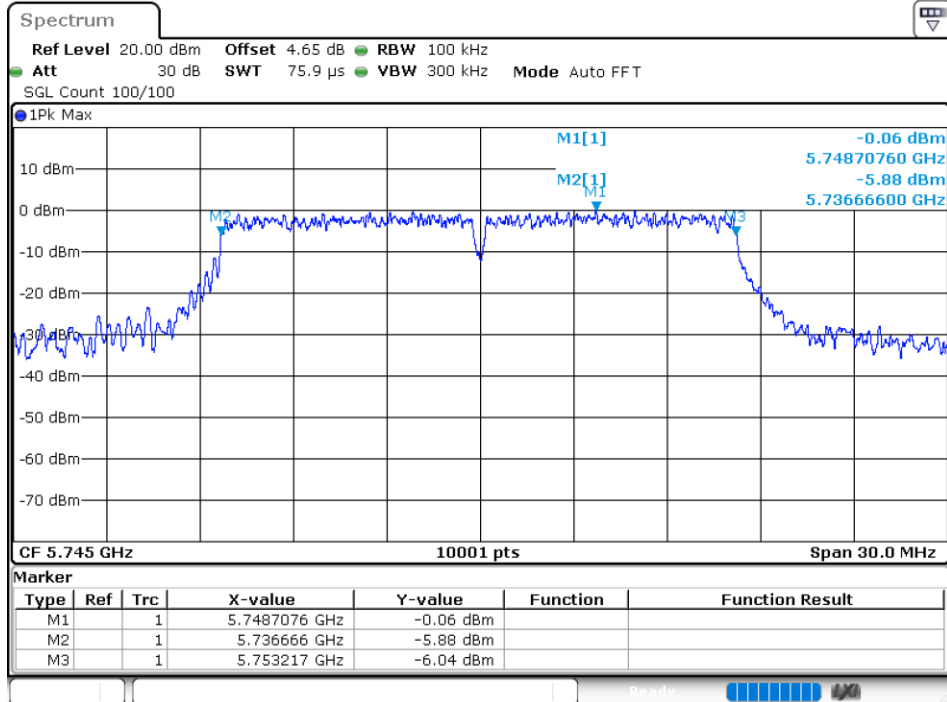
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | a    | 5745               | Ant1    | 14.75                    | 30             | Pass    |
| NVNT      | a    | 5785               | Ant1    | 14.79                    | 30             | Pass    |
| NVNT      | a    | 5825               | Ant1    | 14.08                    | 30             | Pass    |

# -6dB Bandwidth

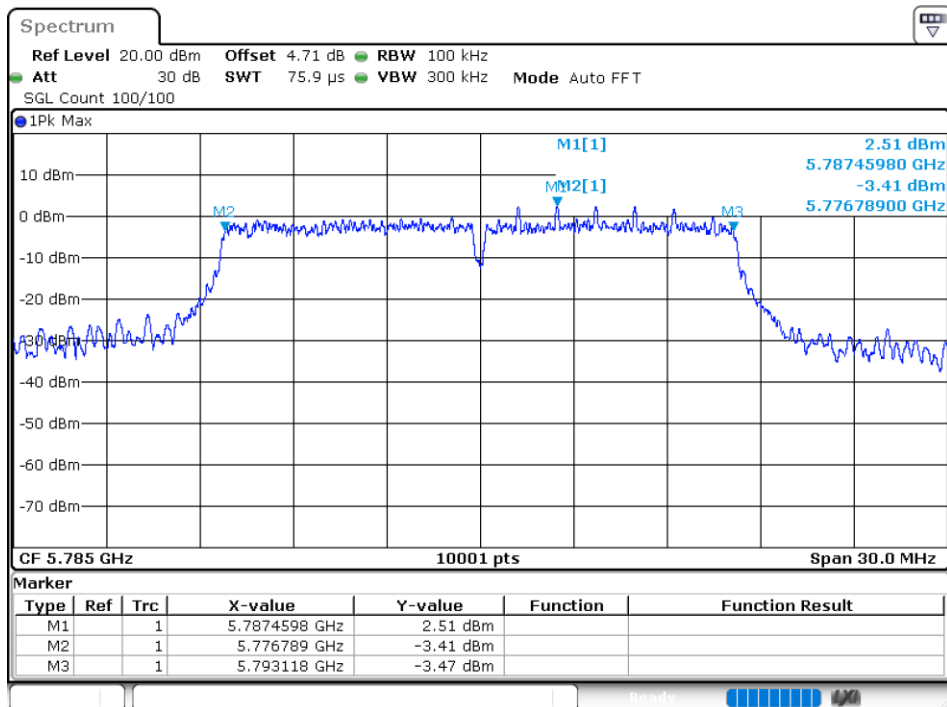
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.551                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.329                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.437                | 0.5                         | Pass    |

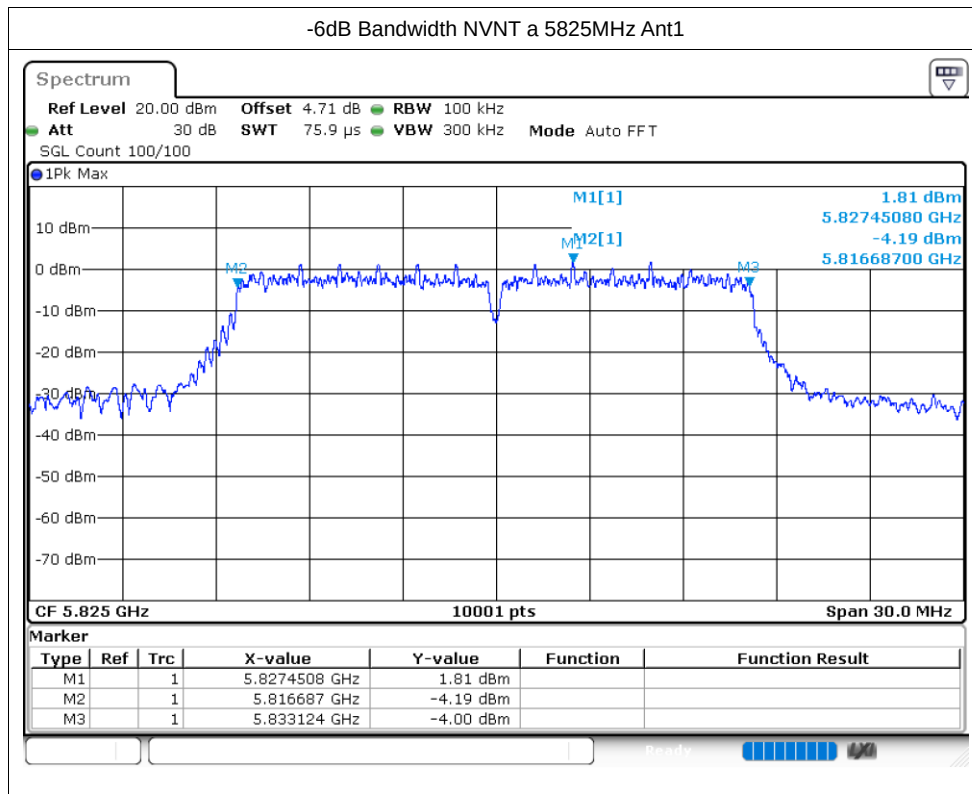
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



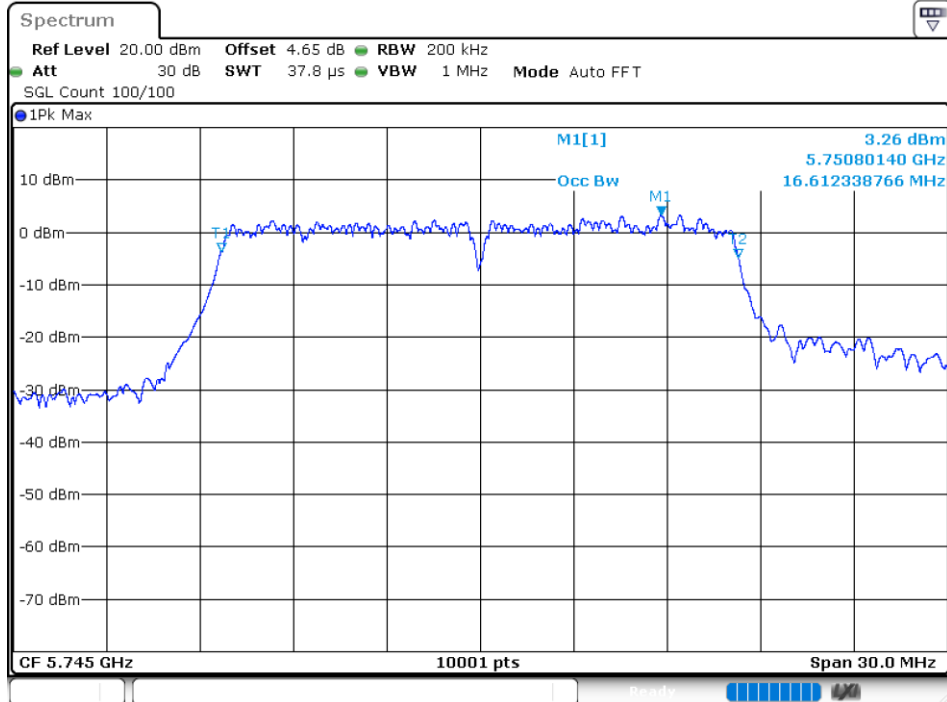


## Occupied Channel Bandwidth

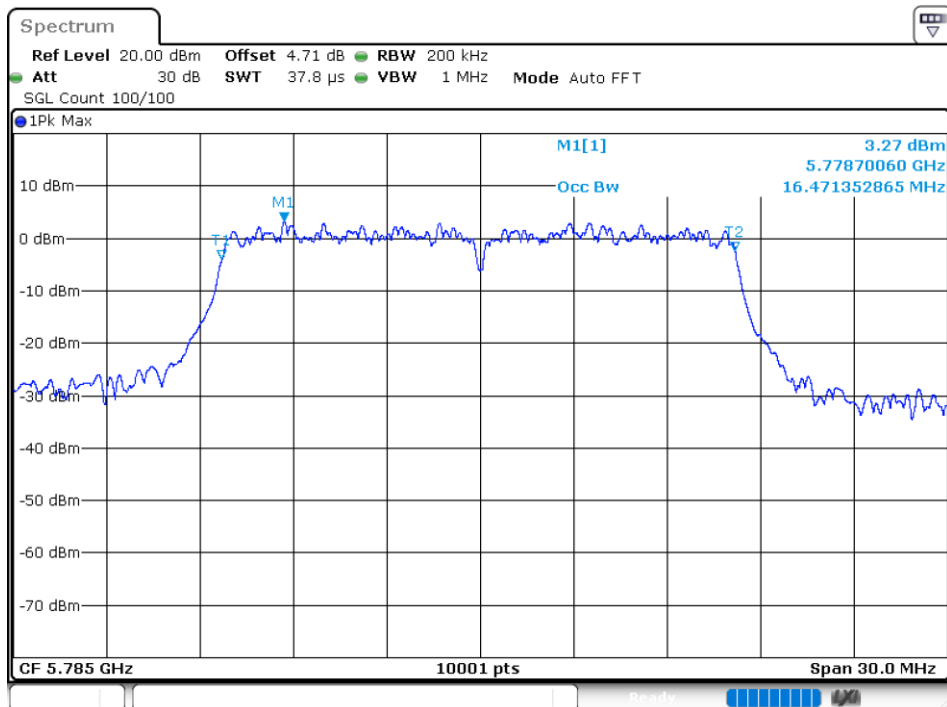
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.612        |
| NVNT      | a    | 5785            | Ant1    | 16.471        |
| NVNT      | a    | 5825            | Ant1    | 16.579        |

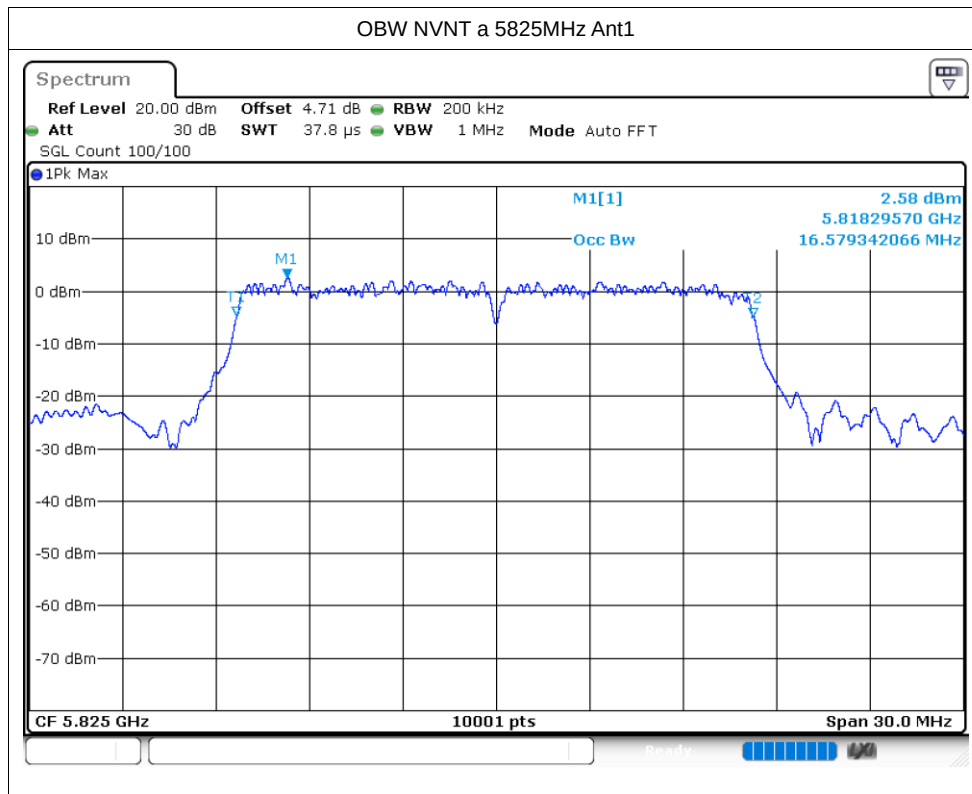
# Test Graphs

## OBW NVNT a 5745MHz Ant1



## OBW NVNT a 5785MHz Ant1



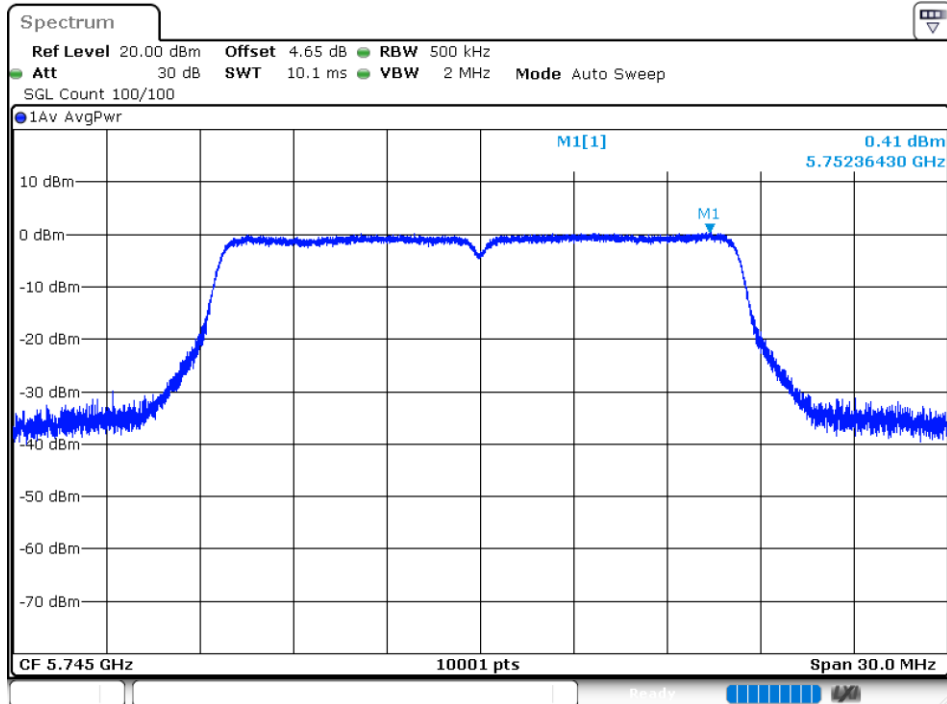


# Maximum Power Spectral Density Level

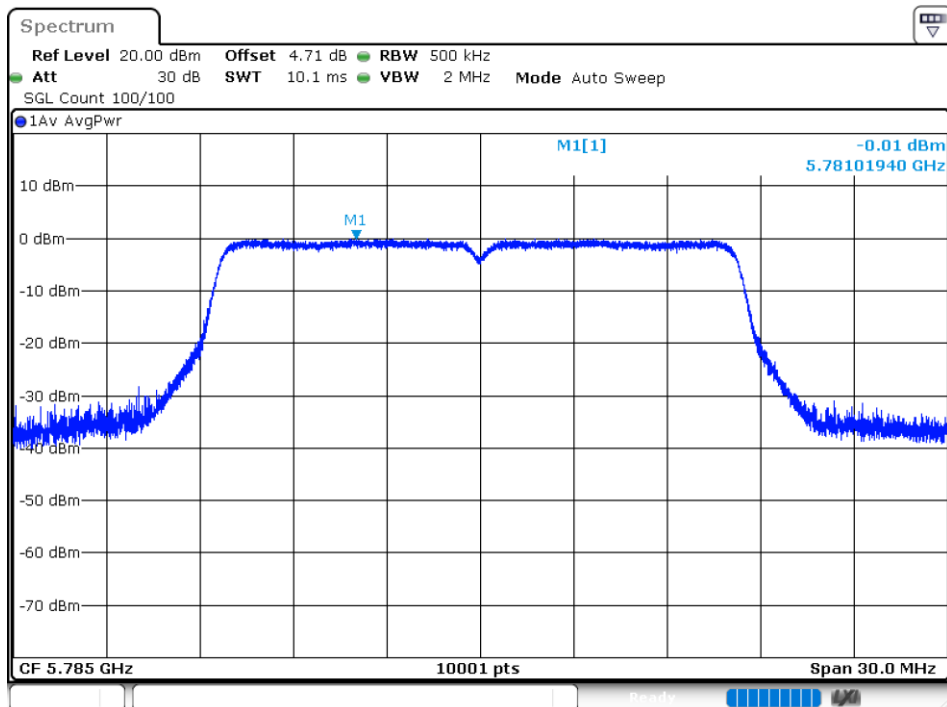
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 0.41                | 0.16             | 0.57            | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -0.01               | 0.16             | 0.15            | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -0.18               | 0.02             | -0.16           | 30          | Pass    |

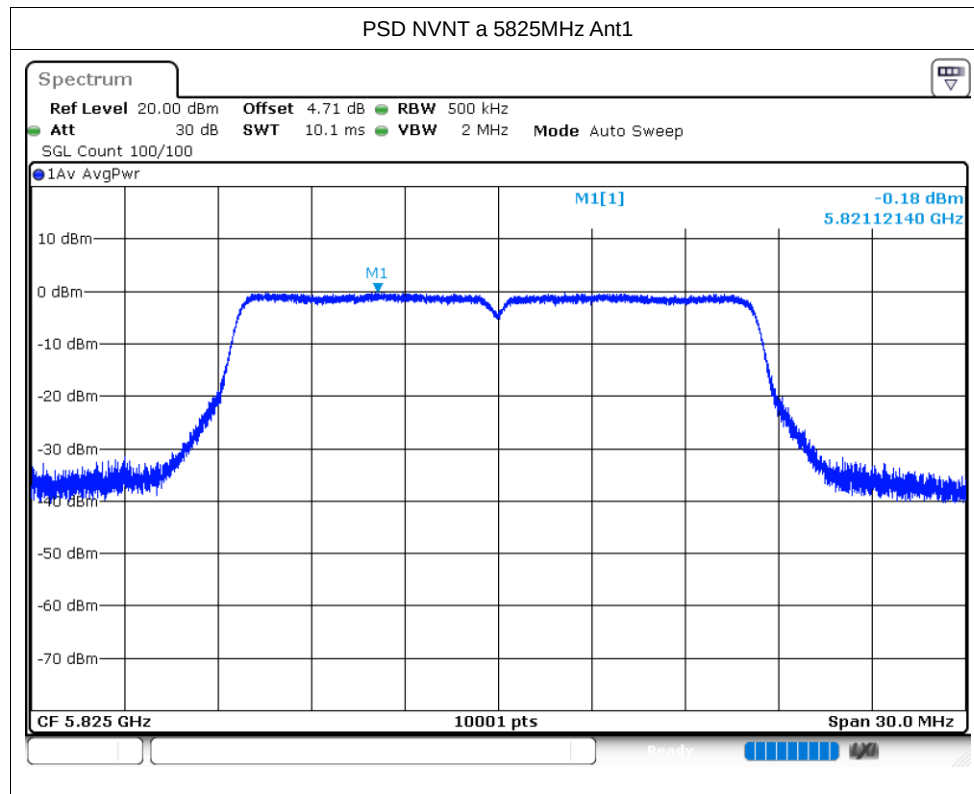
Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1

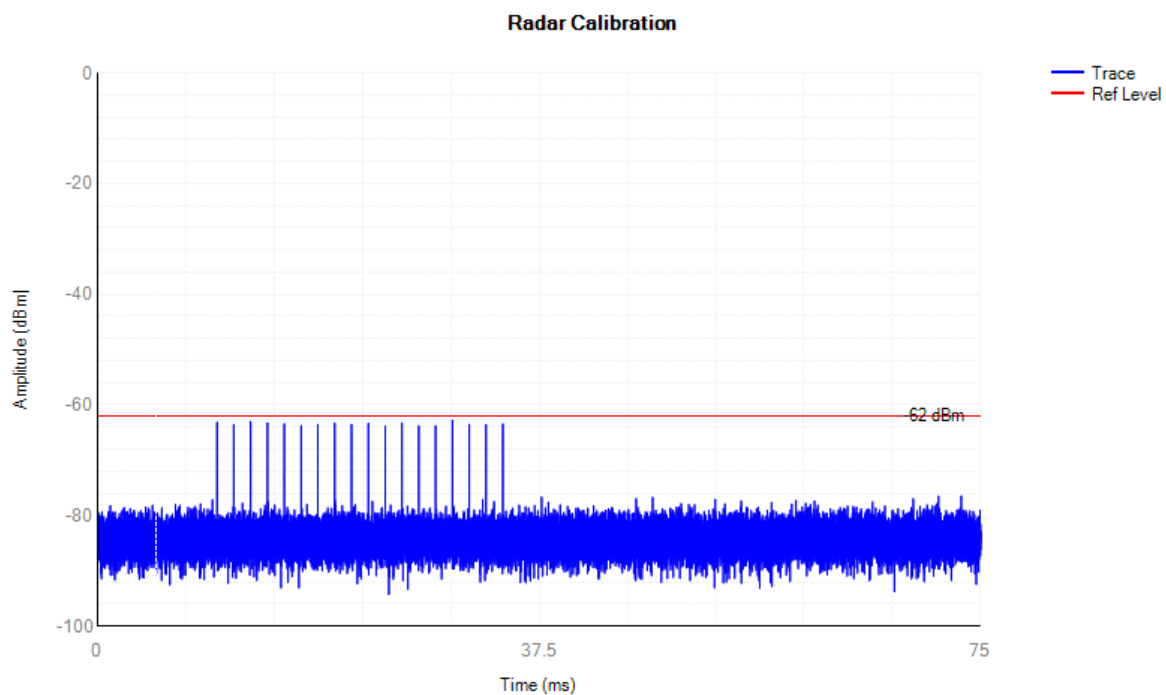




# DFS

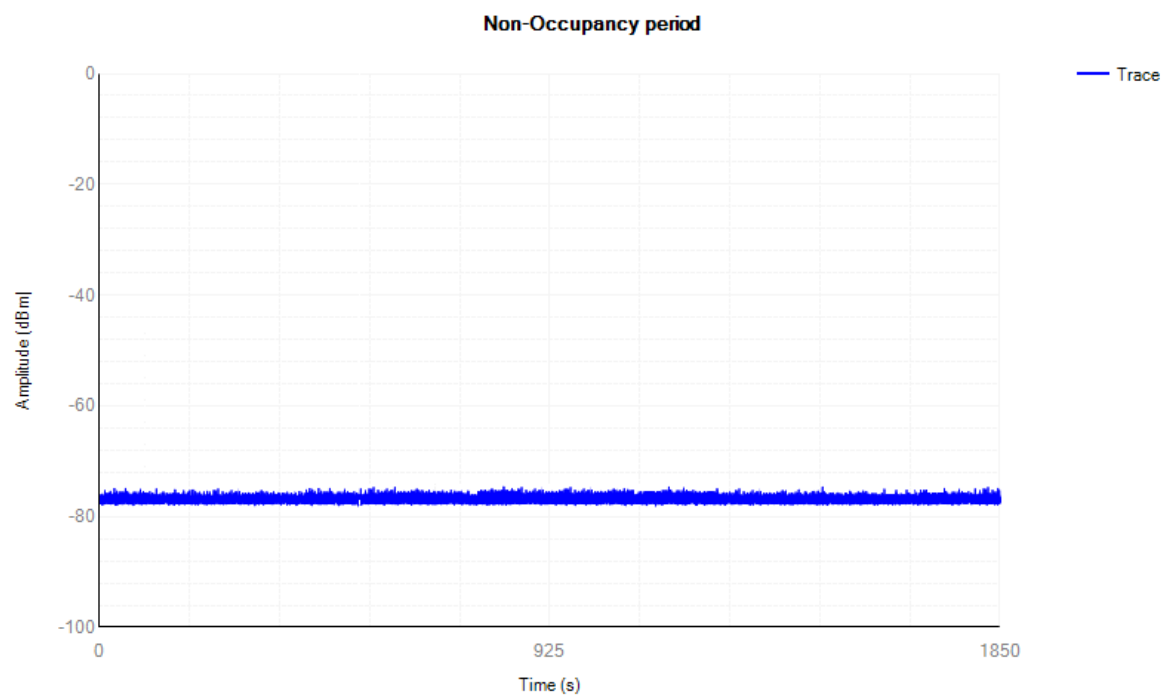
## Calibration

5500MHz a DFS\_FCC\_T0



## Non-Occupancy

5500MHz a Non-Occupancy



## Shutdown Time

| Mode | Frequency<br>(MHz) | Channel<br>Move<br>Time (s) | Limit<br>Channel<br>Move Time<br>(s) | Close<br>Transmission<br>Time (s) | Limit Close<br>Transmission<br>Time (s) | Close<br>Transmission<br>Time after<br>200ms(s) | Limit Close<br>Transmission<br>Time after 200ms<br>(s) | Verdict |
|------|--------------------|-----------------------------|--------------------------------------|-----------------------------------|-----------------------------------------|-------------------------------------------------|--------------------------------------------------------|---------|
| a    | 5500               | 0.514                       | 10                                   | 0.0092                            | 0.26                                    | 0.0024                                          | 0.06                                                   | Pass    |

5500MHz a Shutdown

### Channel Shutdown

