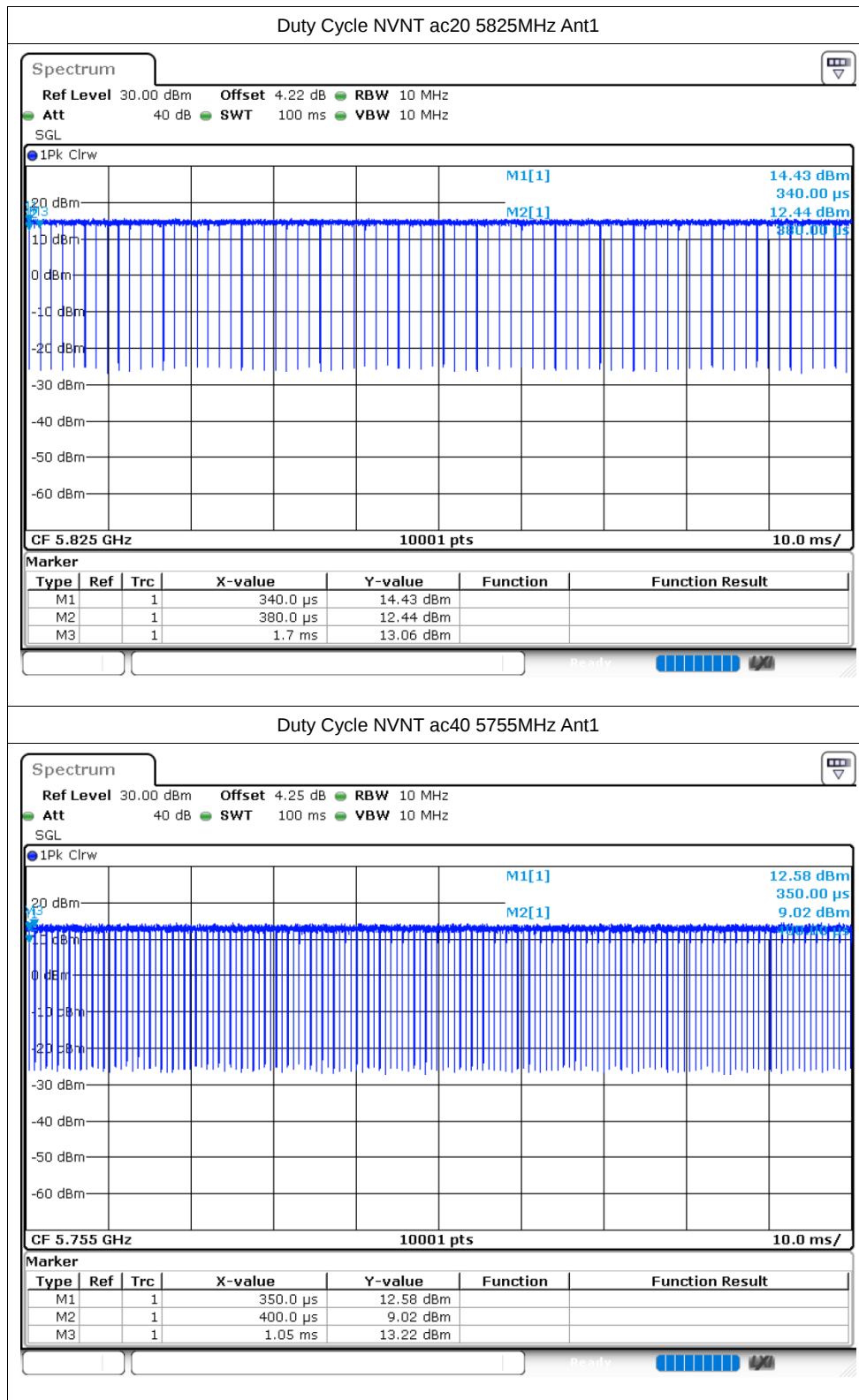
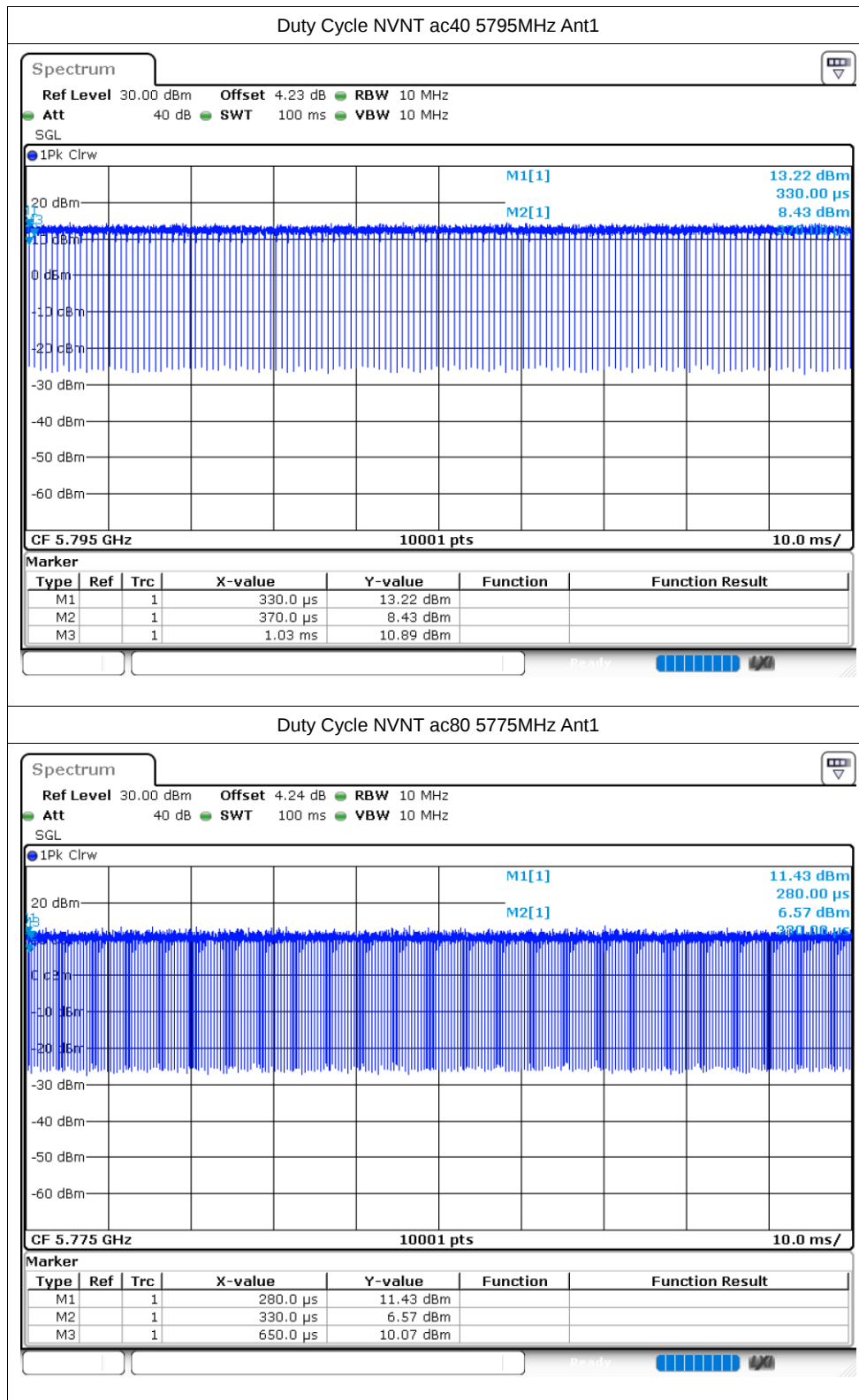






## Maximum Conducted Output Power

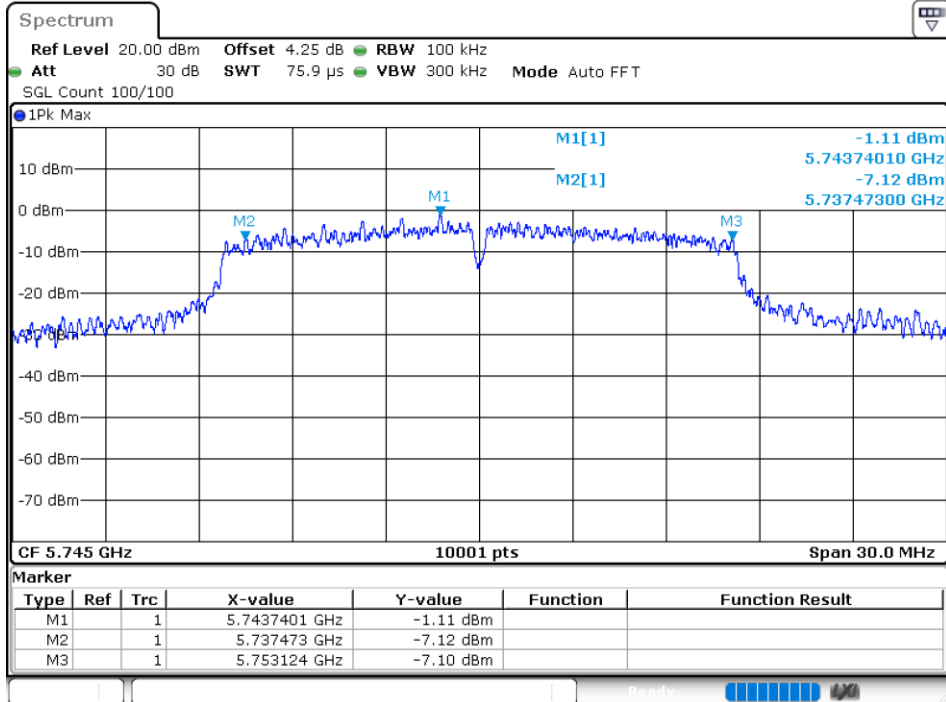
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5745               | Ant1    | 10.49                    | 0                   | 10.49                | 30             | Pass    |
| NVNT      | a    | 5785               | Ant1    | 11.8                     | 0                   | 11.8                 | 30             | Pass    |
| NVNT      | a    | 5825               | Ant1    | 11.75                    | 0                   | 11.75                | 30             | Pass    |
| NVNT      | n20  | 5745               | Ant1    | 10.35                    | 0                   | 10.35                | 30             | Pass    |
| NVNT      | n20  | 5785               | Ant1    | 11.8                     | 0                   | 11.8                 | 30             | Pass    |
| NVNT      | n20  | 5825               | Ant1    | 11.72                    | 0                   | 11.72                | 30             | Pass    |
| NVNT      | n40  | 5755               | Ant1    | 11.11                    | 0                   | 11.11                | 30             | Pass    |
| NVNT      | n40  | 5795               | Ant1    | 11.42                    | 0                   | 11.42                | 30             | Pass    |
| NVNT      | ac20 | 5745               | Ant1    | 10.23                    | 0                   | 10.23                | 30             | Pass    |
| NVNT      | ac20 | 5785               | Ant1    | 11.81                    | 0                   | 11.81                | 30             | Pass    |
| NVNT      | ac20 | 5825               | Ant1    | 11.71                    | 0                   | 11.71                | 30             | Pass    |
| NVNT      | ac40 | 5755               | Ant1    | 11.17                    | 0                   | 11.17                | 30             | Pass    |
| NVNT      | ac40 | 5795               | Ant1    | 11.49                    | 0                   | 11.49                | 30             | Pass    |
| NVNT      | ac80 | 5775               | Ant1    | 11.92                    | 0                   | 11.92                | 30             | Pass    |

## -6dB Bandwidth

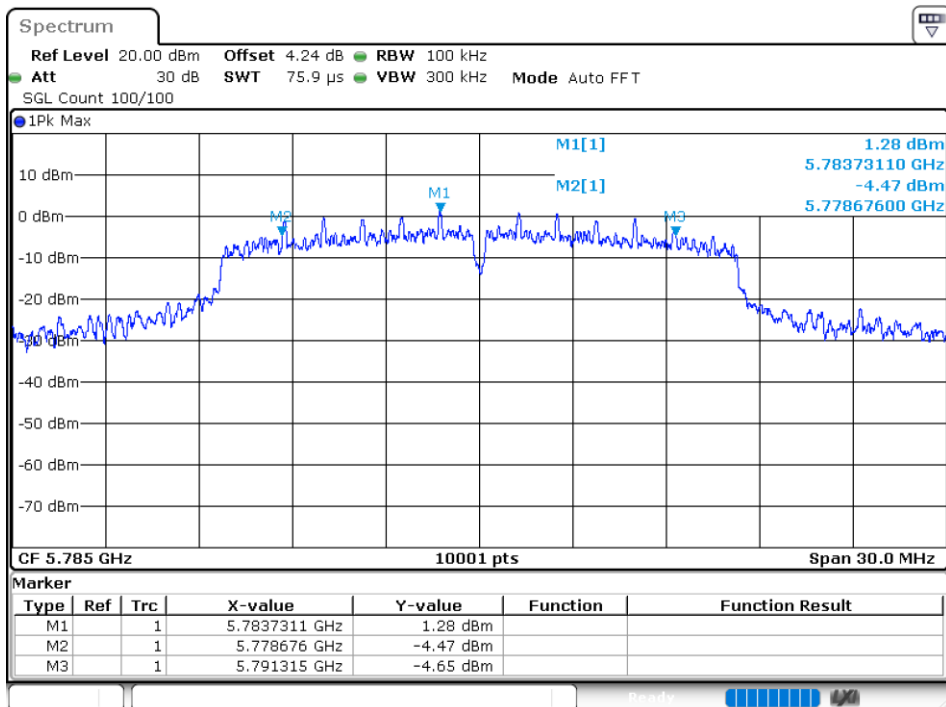
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 15.651                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 12.639                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.335                | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 11.352                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 16.263                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 13.794                | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 32.52                 | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 35.046                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 12.639                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 11.343                | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 15.237                | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 33.828                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.112                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.072                | 0.5                         | Pass    |

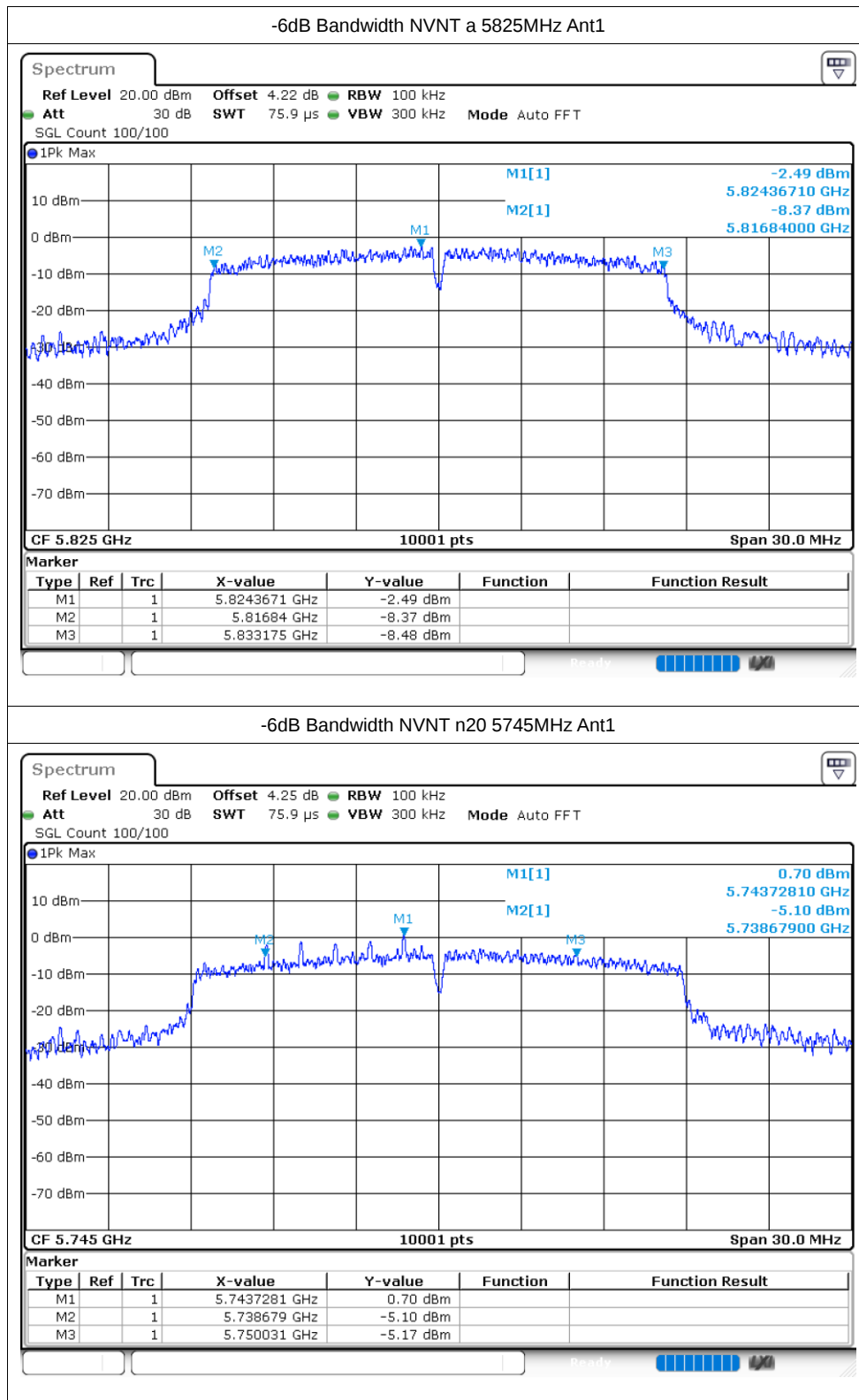
Test Graphs

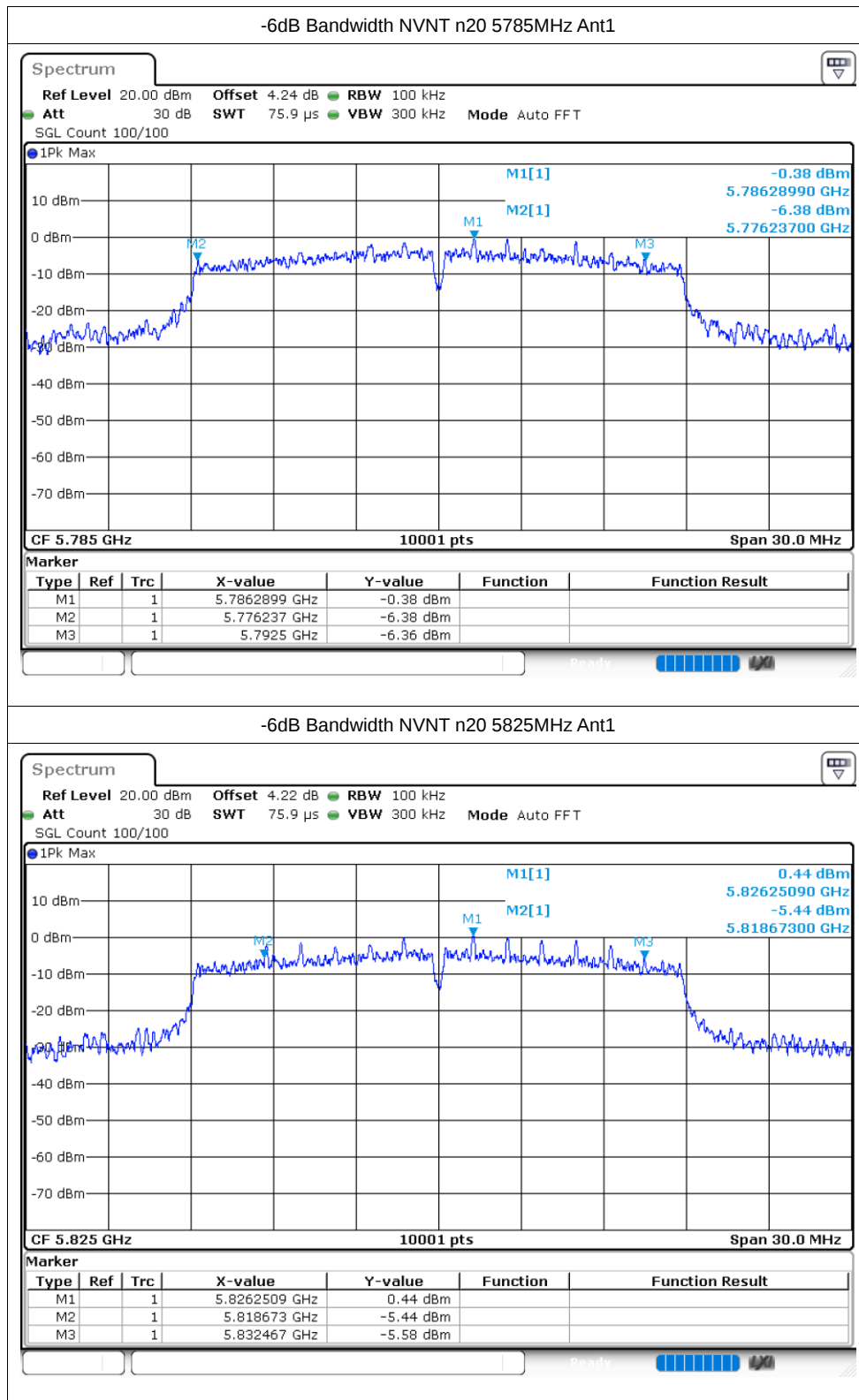
-6dB Bandwidth NVNT a 5745MHz Ant1

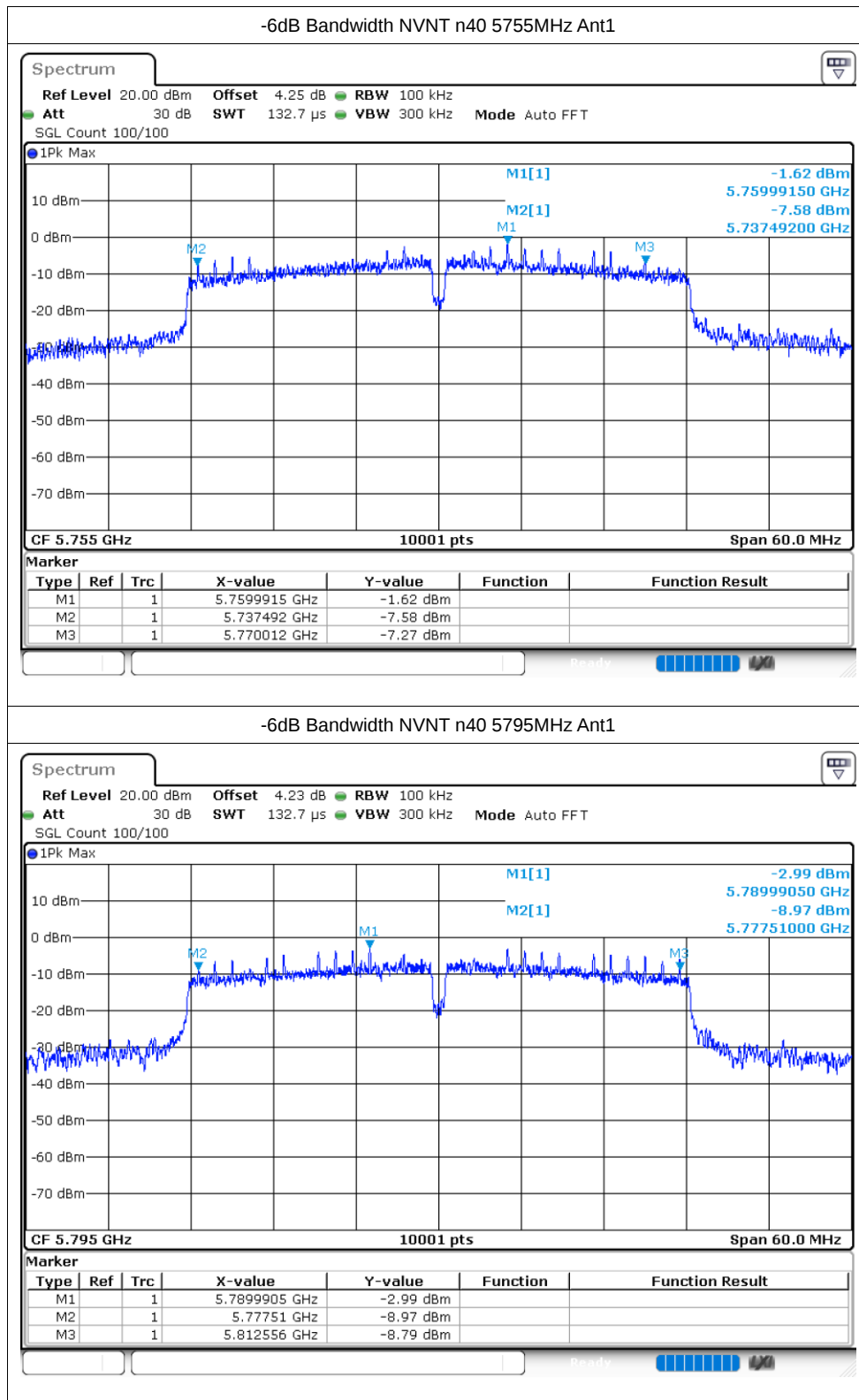


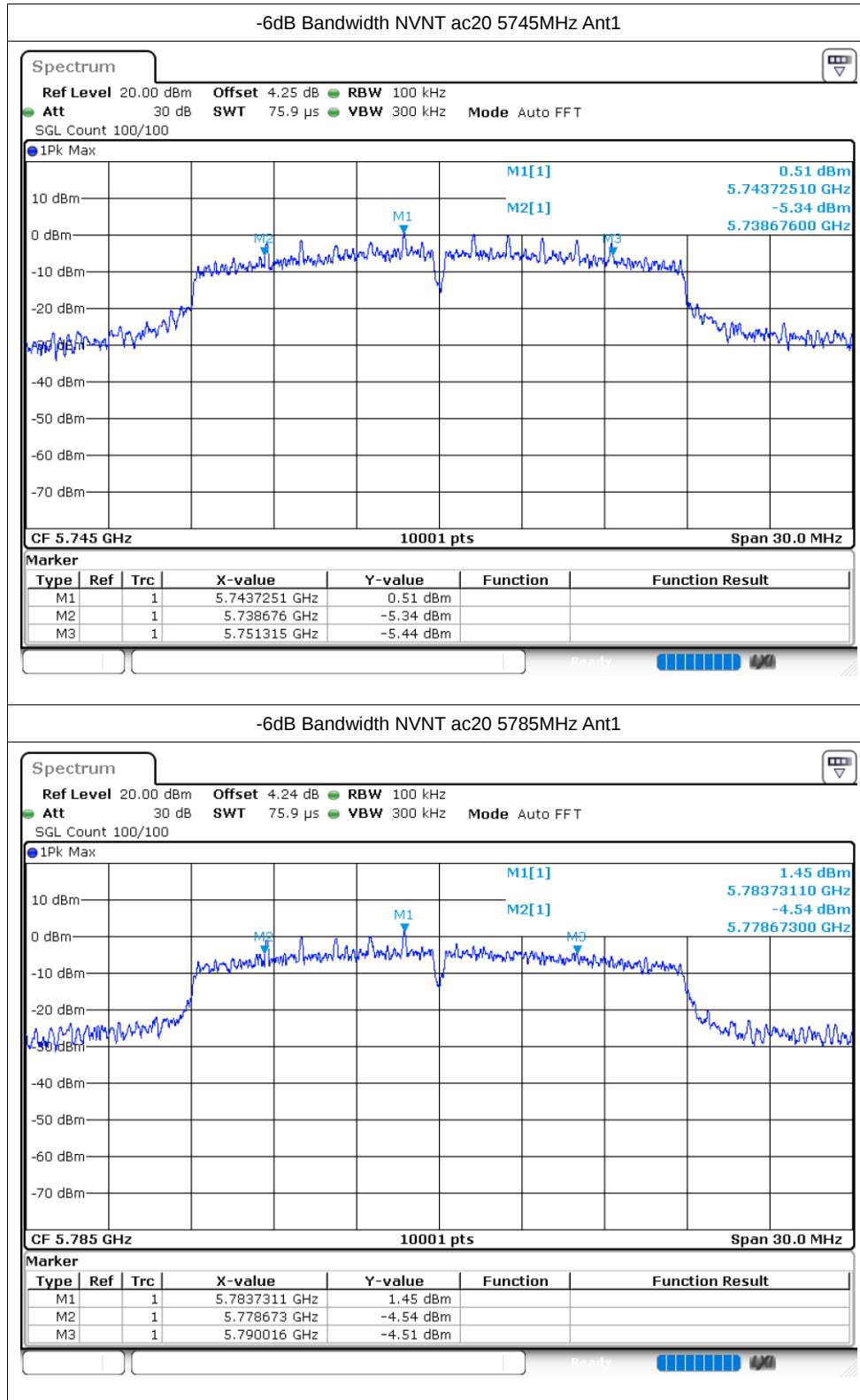
-6dB Bandwidth NVNT a 5785MHz Ant1

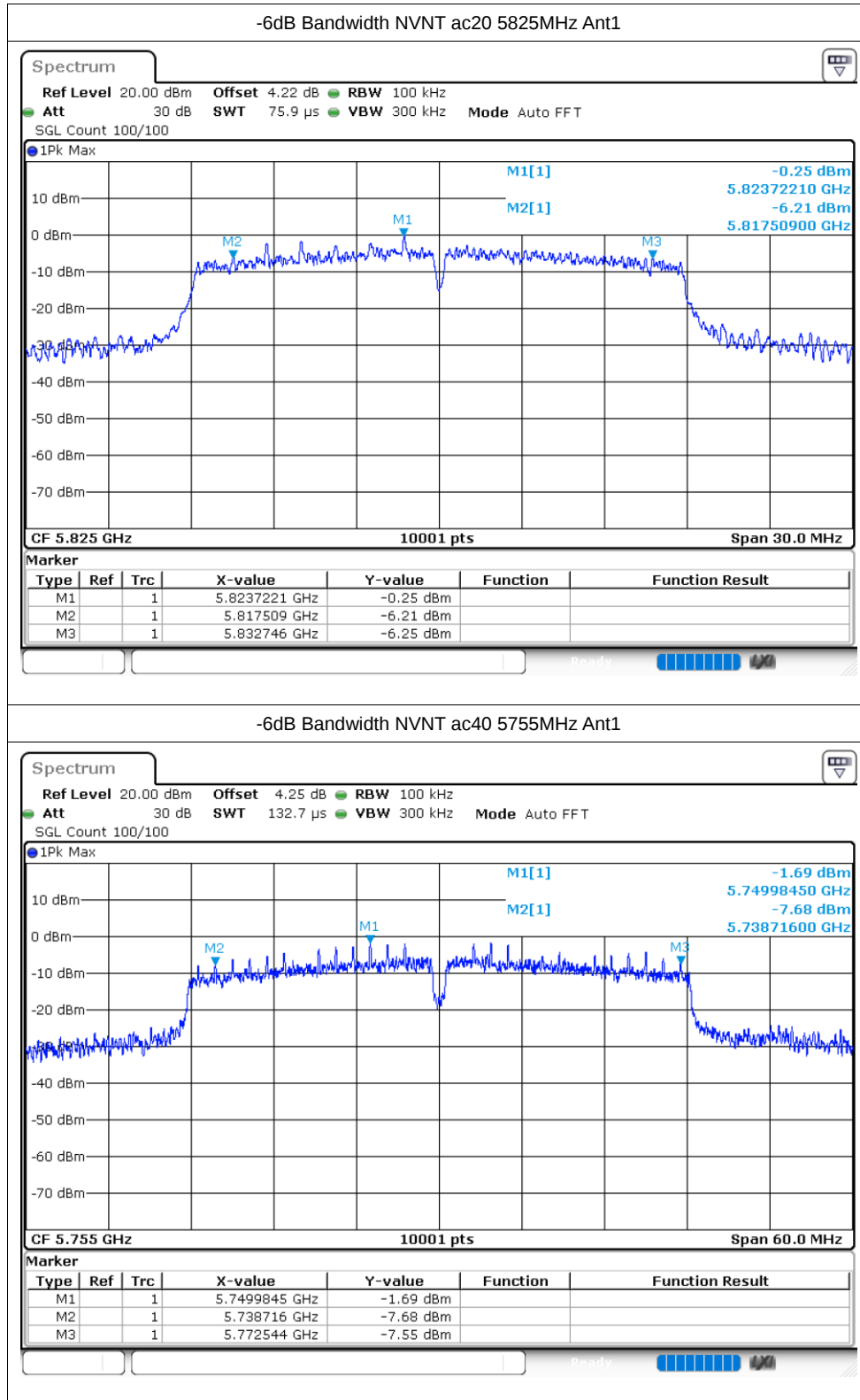


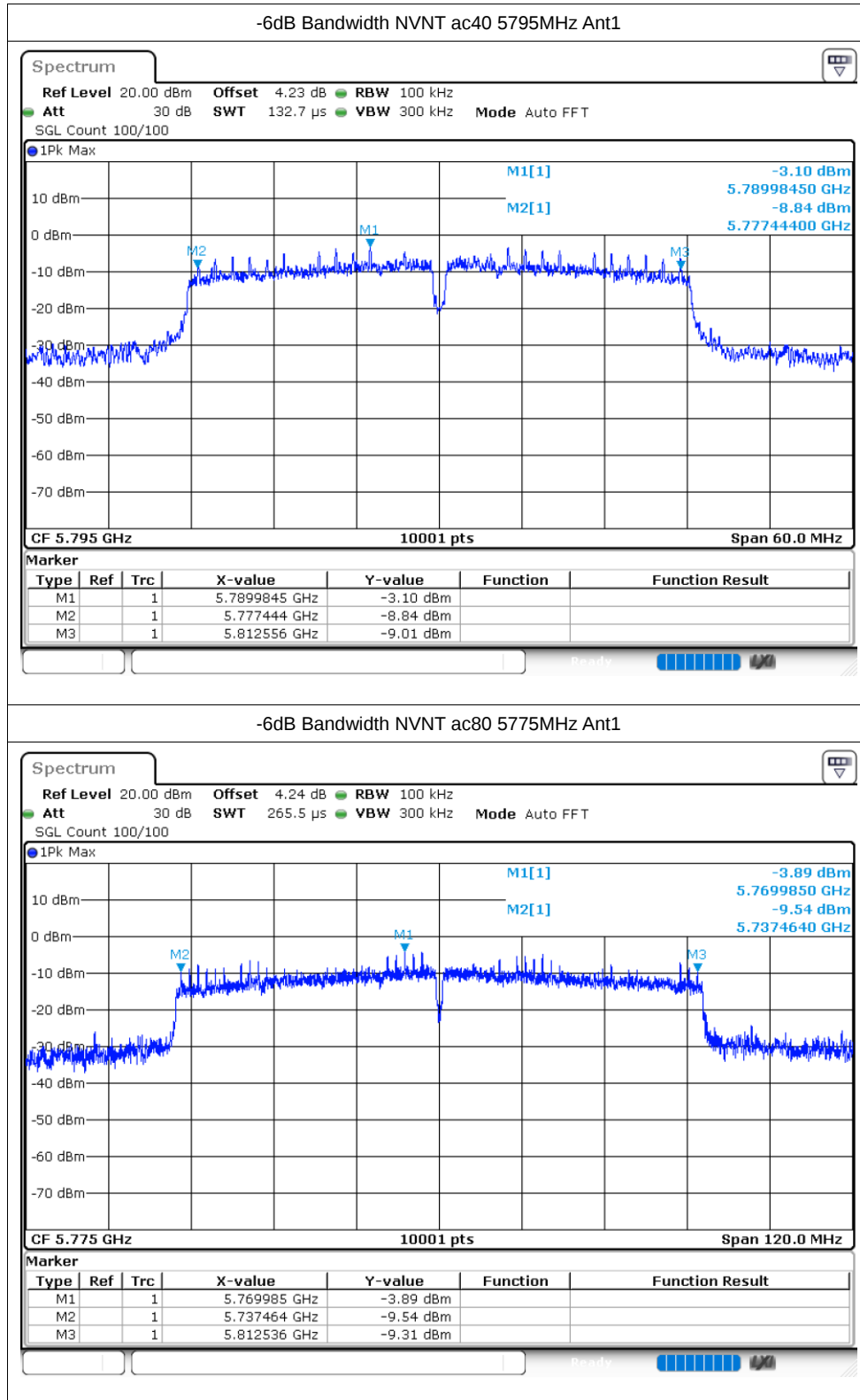










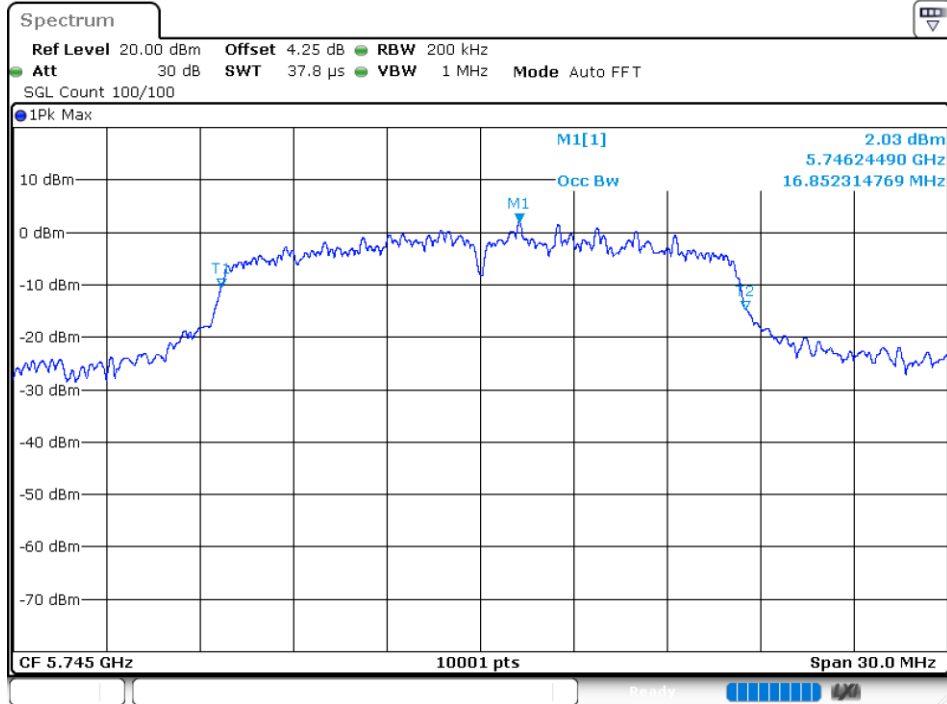


## Occupied Channel Bandwidth

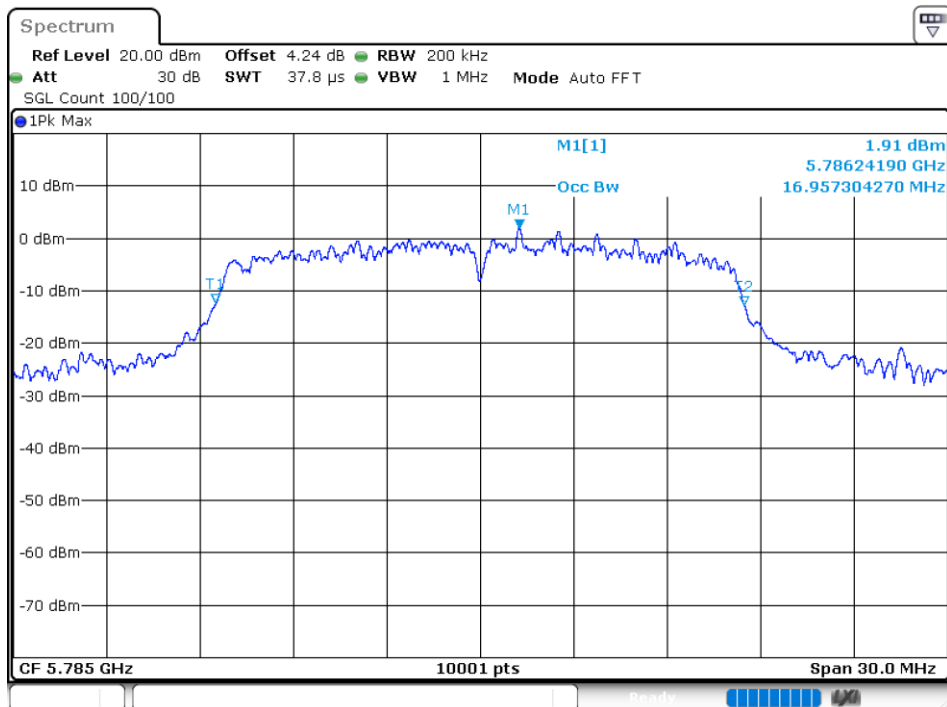
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.852        |
| NVNT      | a    | 5785            | Ant1    | 16.957        |
| NVNT      | a    | 5825            | Ant1    | 16.684        |
| NVNT      | n20  | 5745            | Ant1    | 17.71         |
| NVNT      | n20  | 5785            | Ant1    | 17.884        |
| NVNT      | n20  | 5825            | Ant1    | 17.782        |
| NVNT      | n40  | 5755            | Ant1    | 36.896        |
| NVNT      | n40  | 5795            | Ant1    | 36.524        |
| NVNT      | ac20 | 5745            | Ant1    | 18.007        |
| NVNT      | ac20 | 5785            | Ant1    | 18.061        |
| NVNT      | ac20 | 5825            | Ant1    | 17.707        |
| NVNT      | ac40 | 5755            | Ant1    | 37.262        |
| NVNT      | ac40 | 5795            | Ant1    | 36.44         |
| NVNT      | ac80 | 5775            | Ant1    | 76.456        |

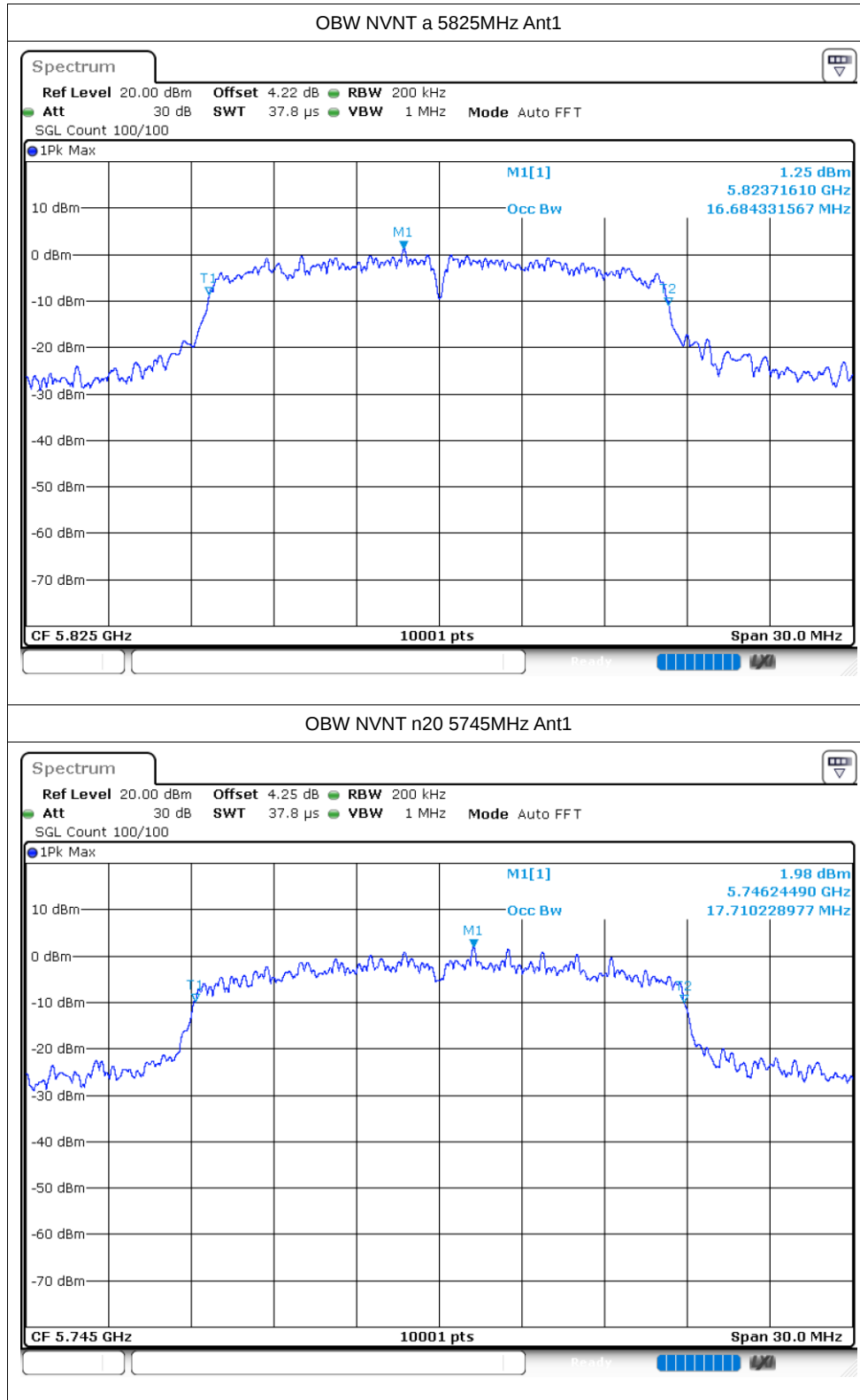
Test Graphs

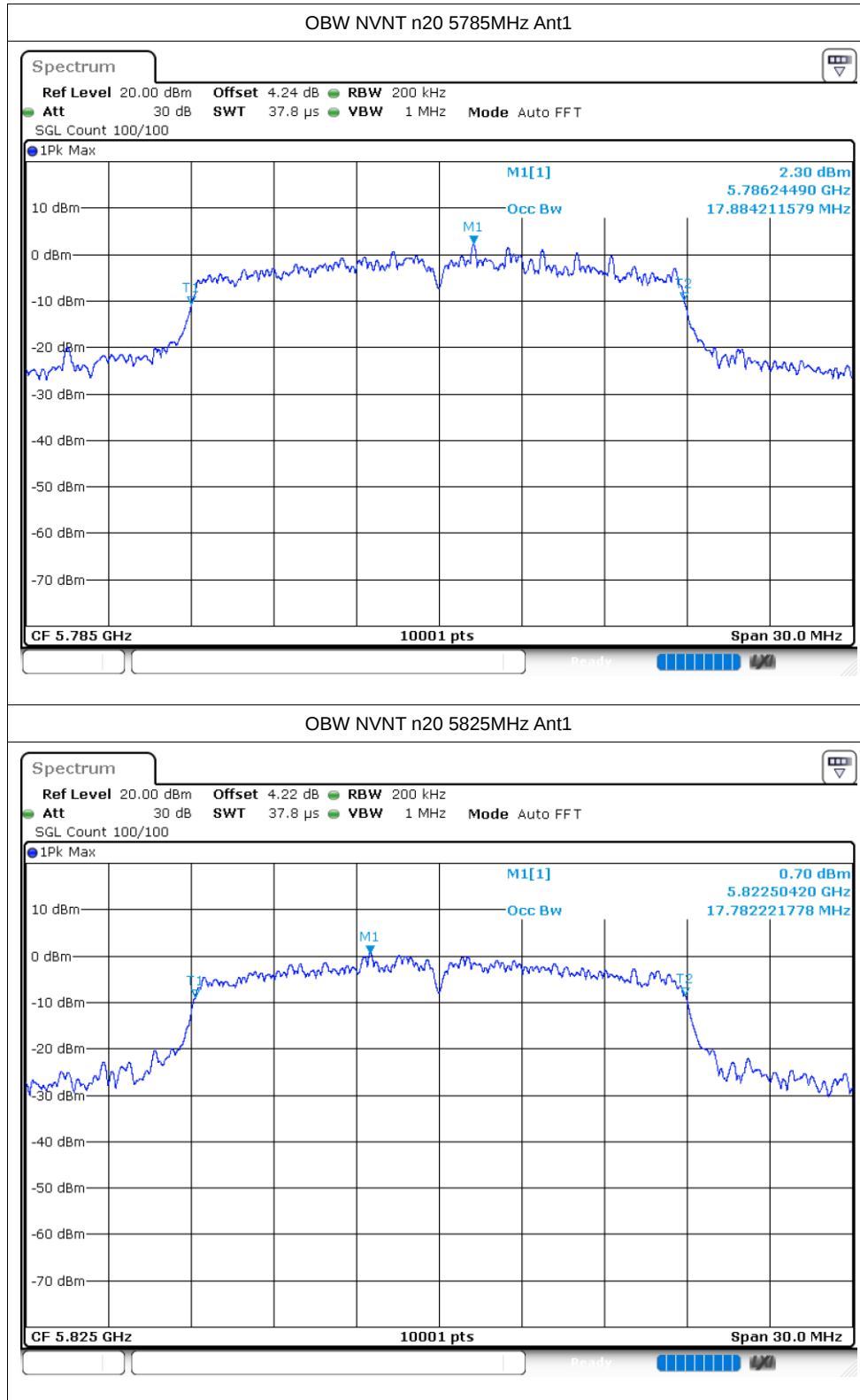
OBW NVNT a 5745MHz Ant1

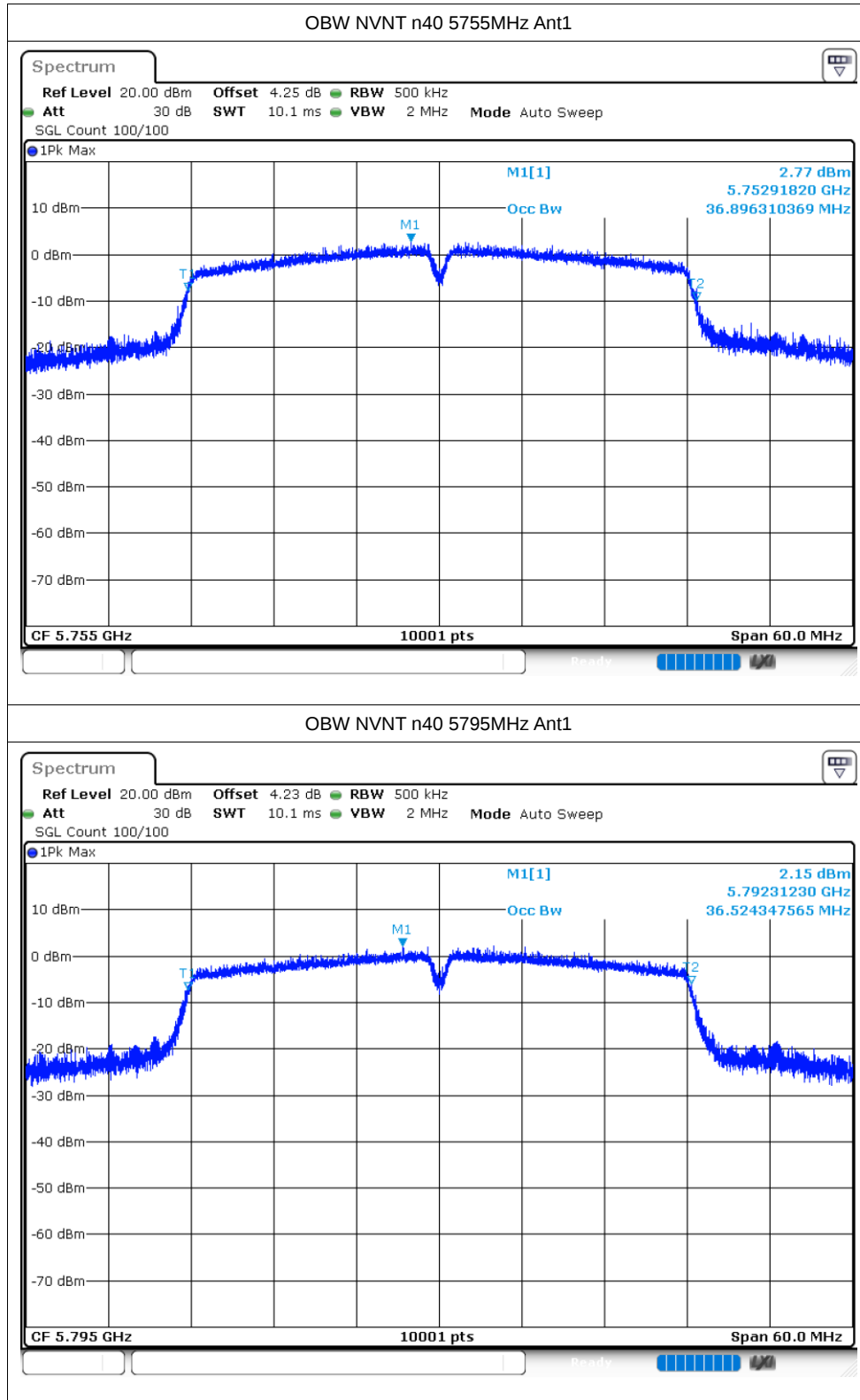


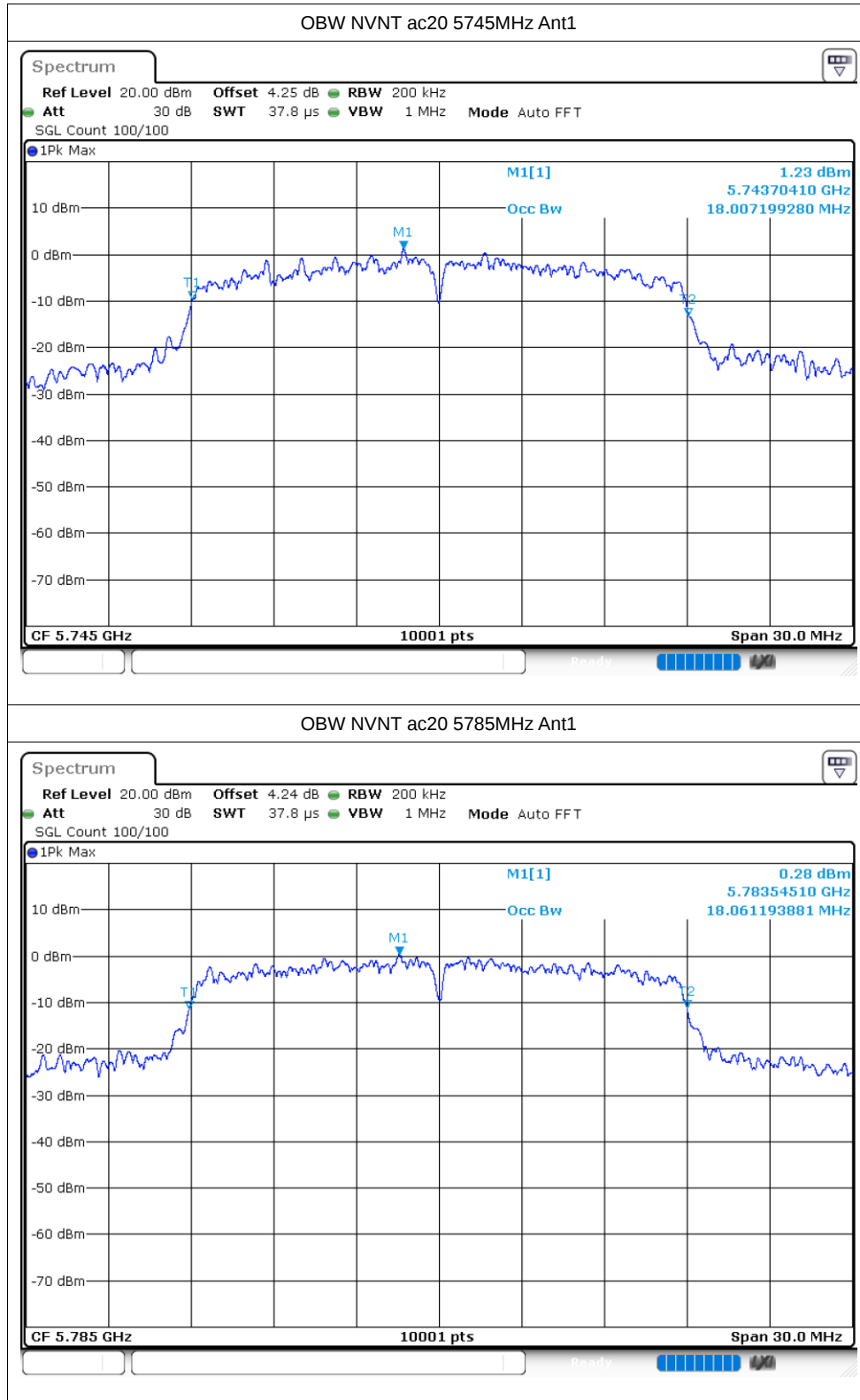
OBW NVNT a 5785MHz Ant1

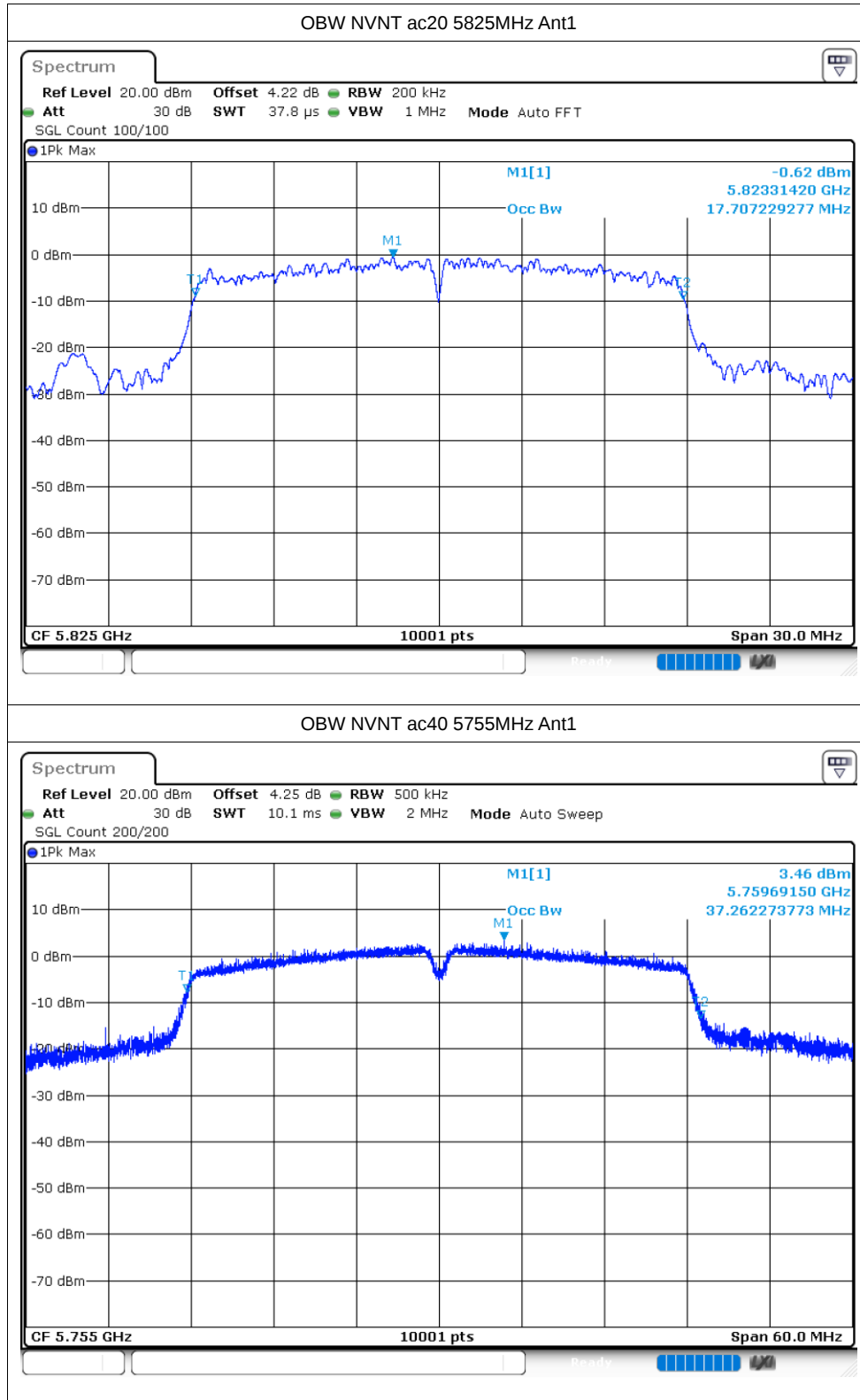


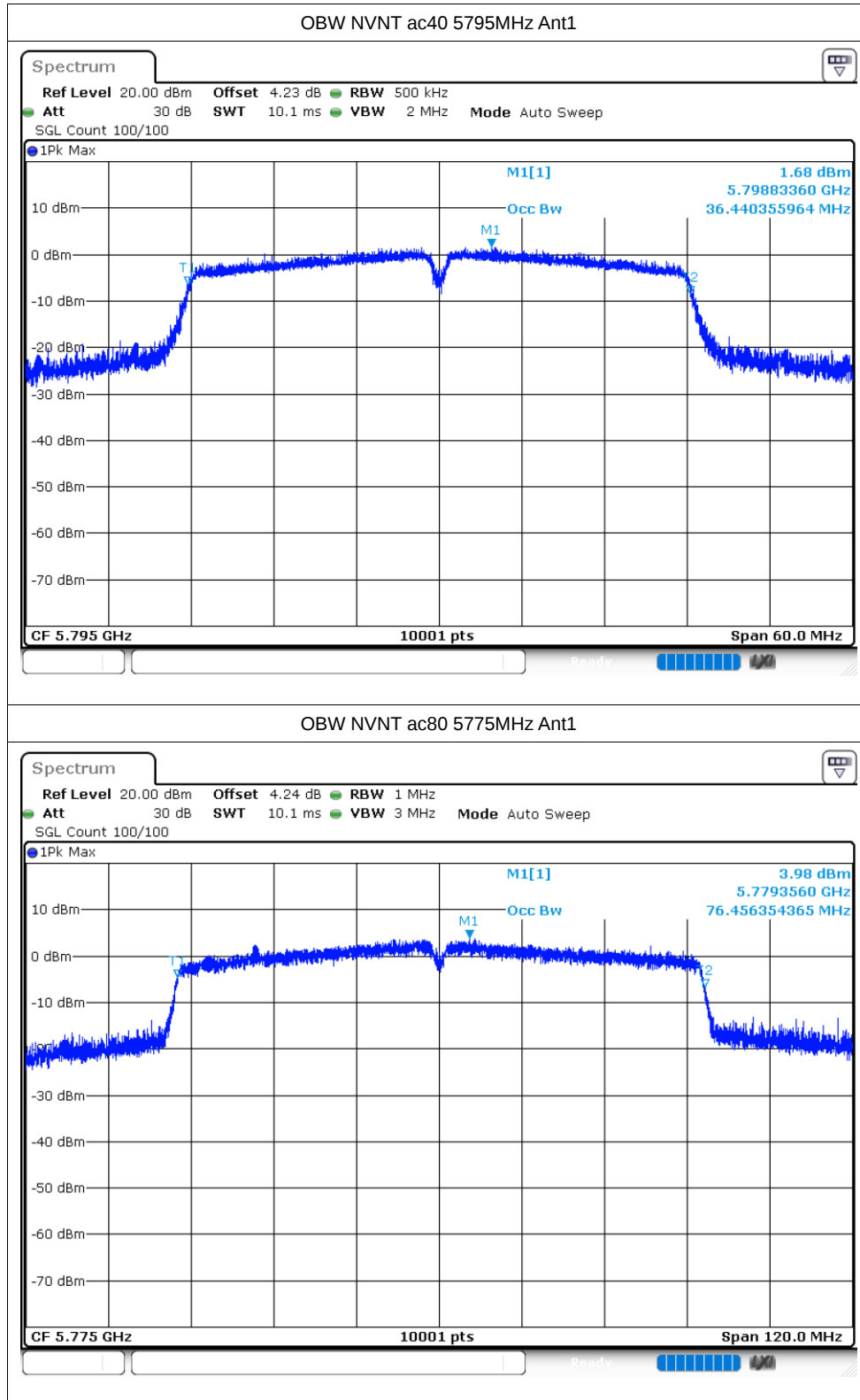










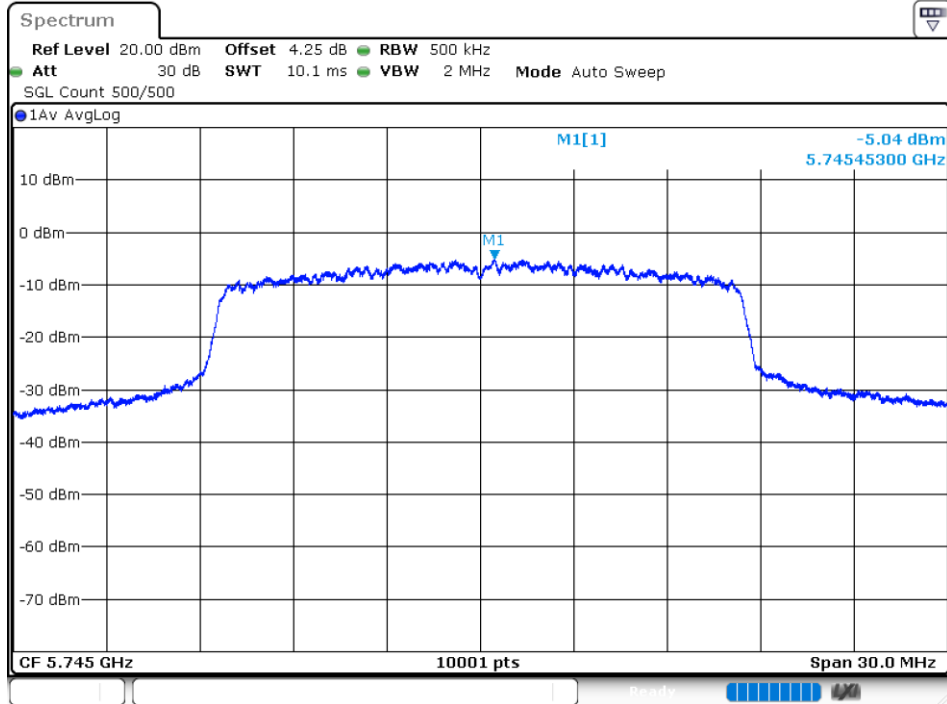


## Maximum Power Spectral Density Level

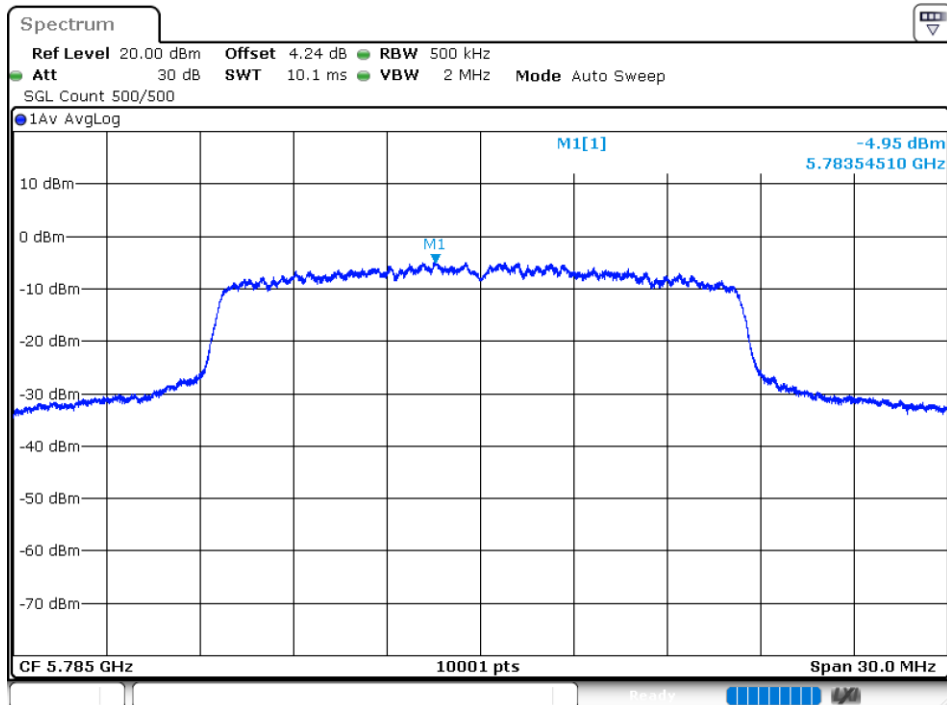
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -5.04               | 0.11             | -4.93           | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -4.95               | 0.11             | -4.84           | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -5.19               | 0.11             | -5.08           | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -5.59               | 0.11             | -5.48           | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -4.96               | 0.11             | -4.85           | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -5.48               | 0.11             | -5.37           | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -9.1                | 0.22             | -8.88           | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -9.92               | 0.22             | -9.7            | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -5.58               | 0.11             | -5.47           | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -4.79               | 0.11             | -4.68           | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -5.43               | 0.11             | -5.32           | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -8.36               | 0.22             | -8.14           | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -9.65               | 0.22             | -9.43           | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -13.94              | 0.43             | -13.51          | 30          | Pass    |

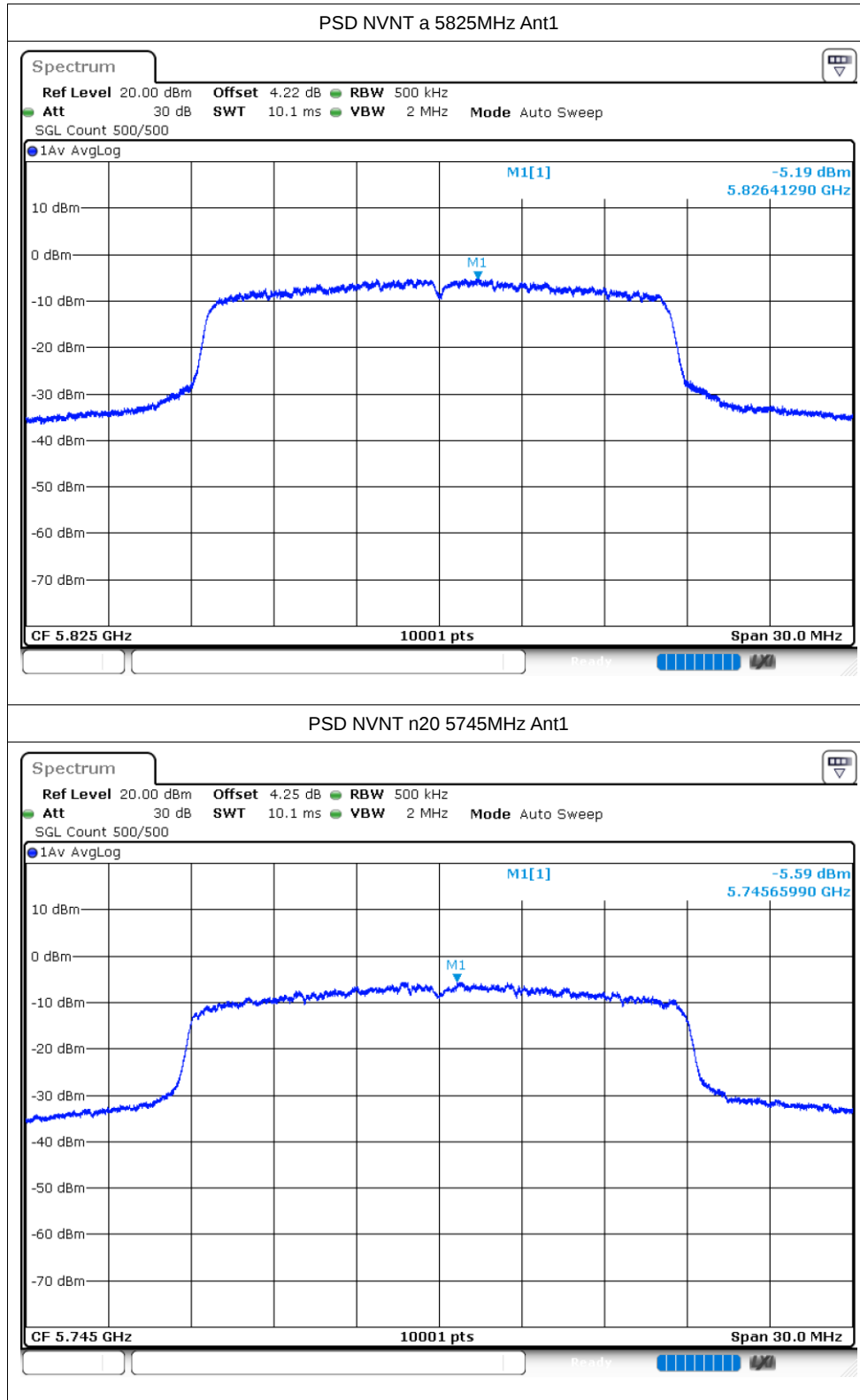
Test Graphs

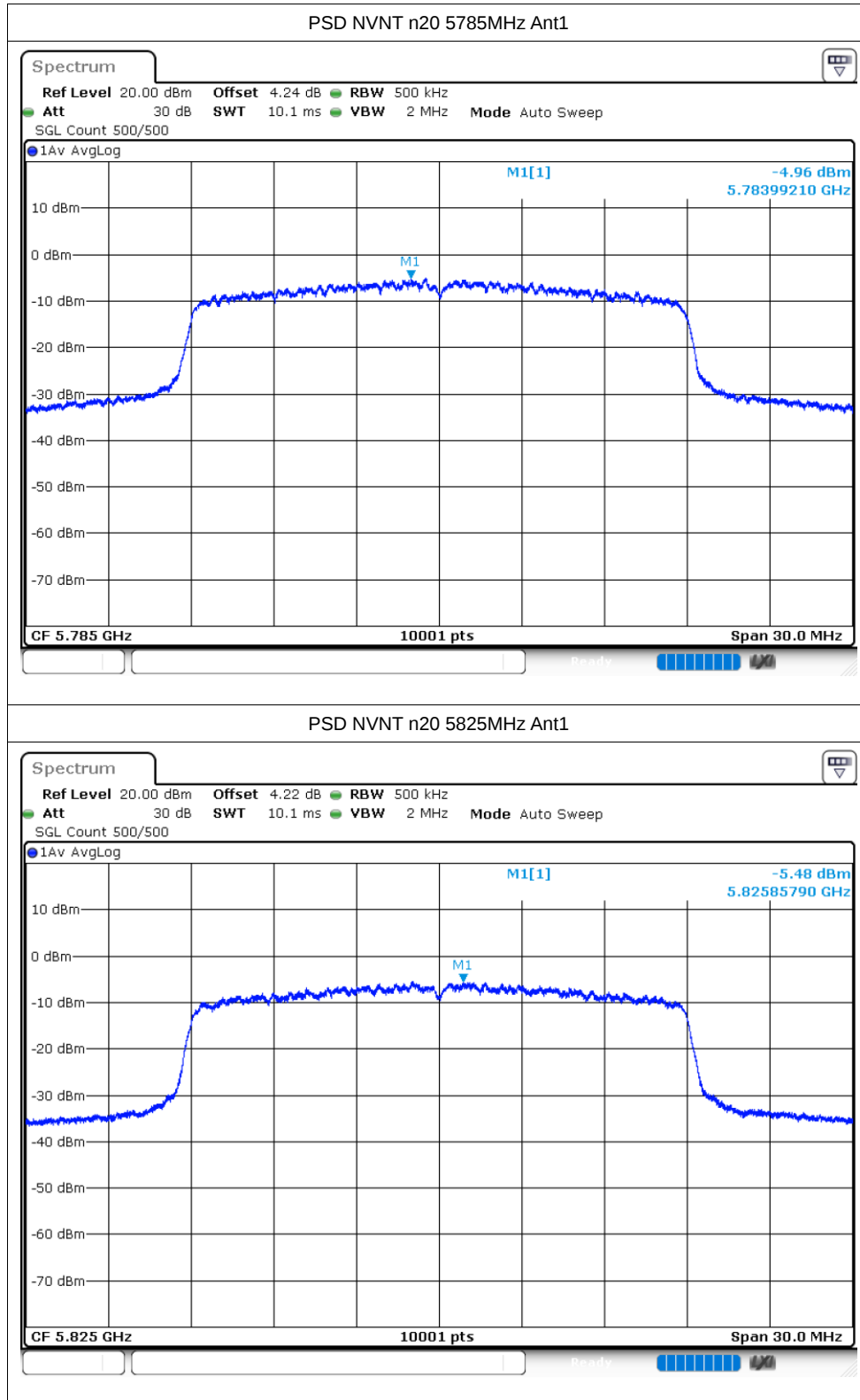
PSD NVNT a 5745MHz Ant1

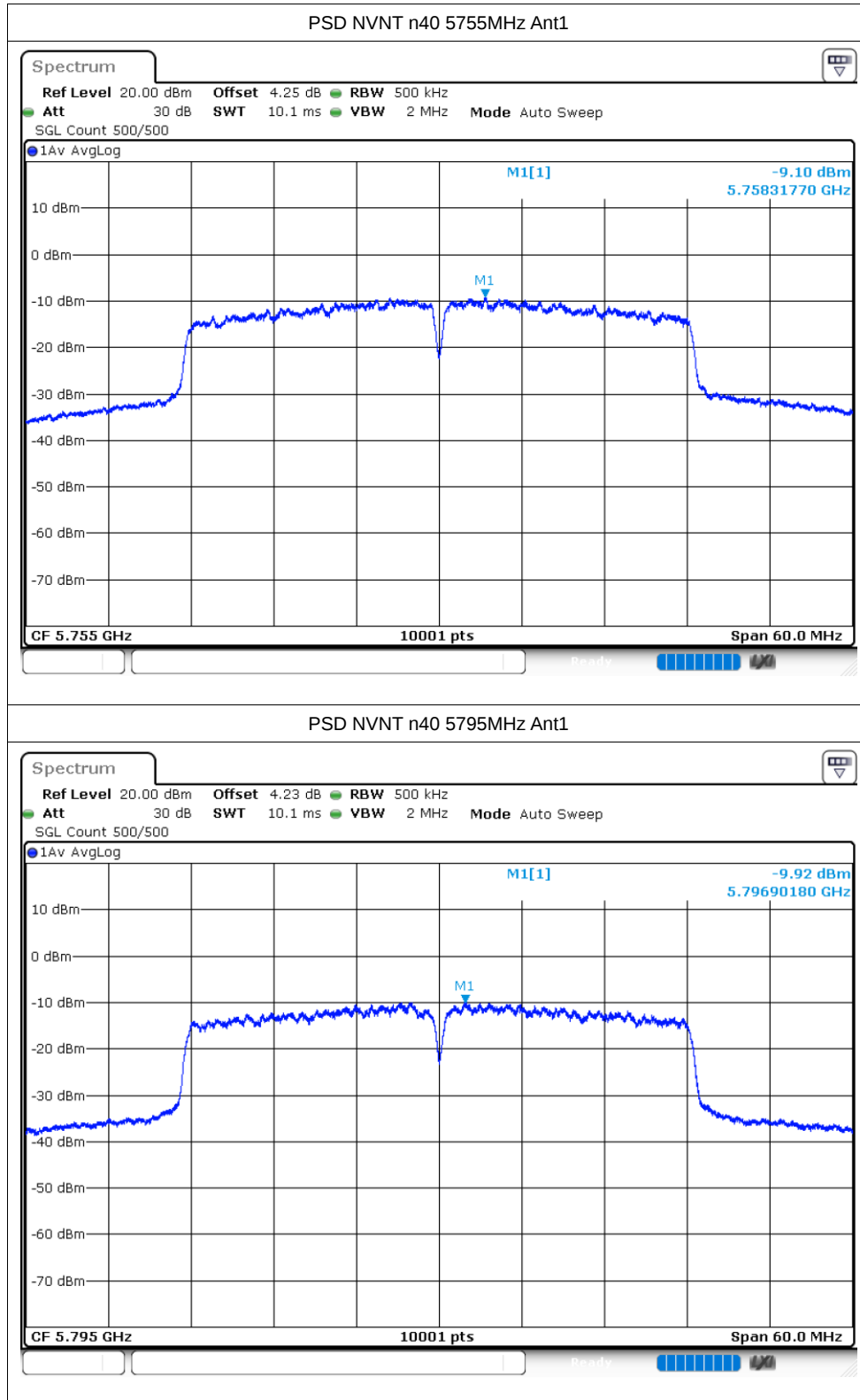


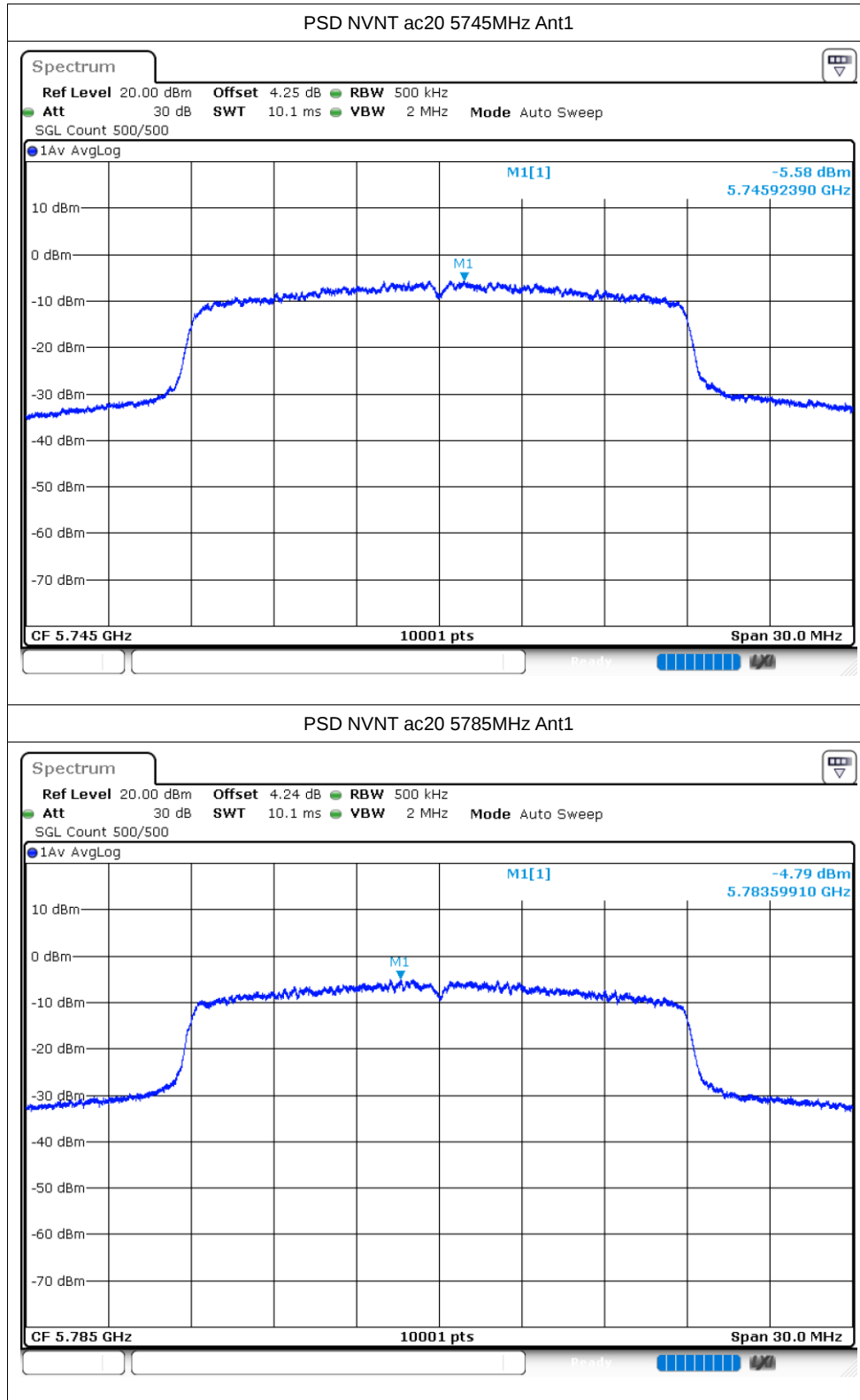
PSD NVNT a 5785MHz Ant1

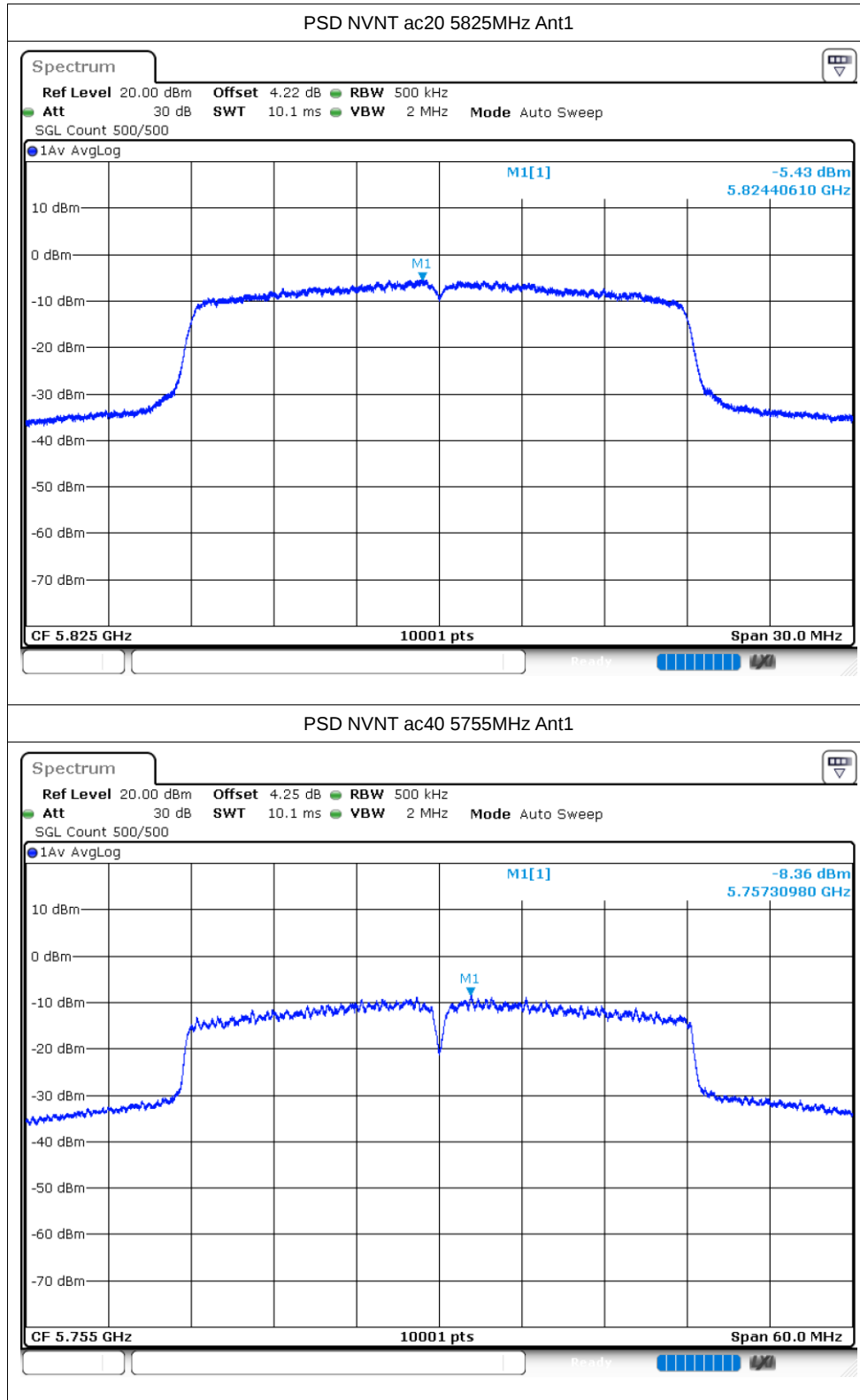


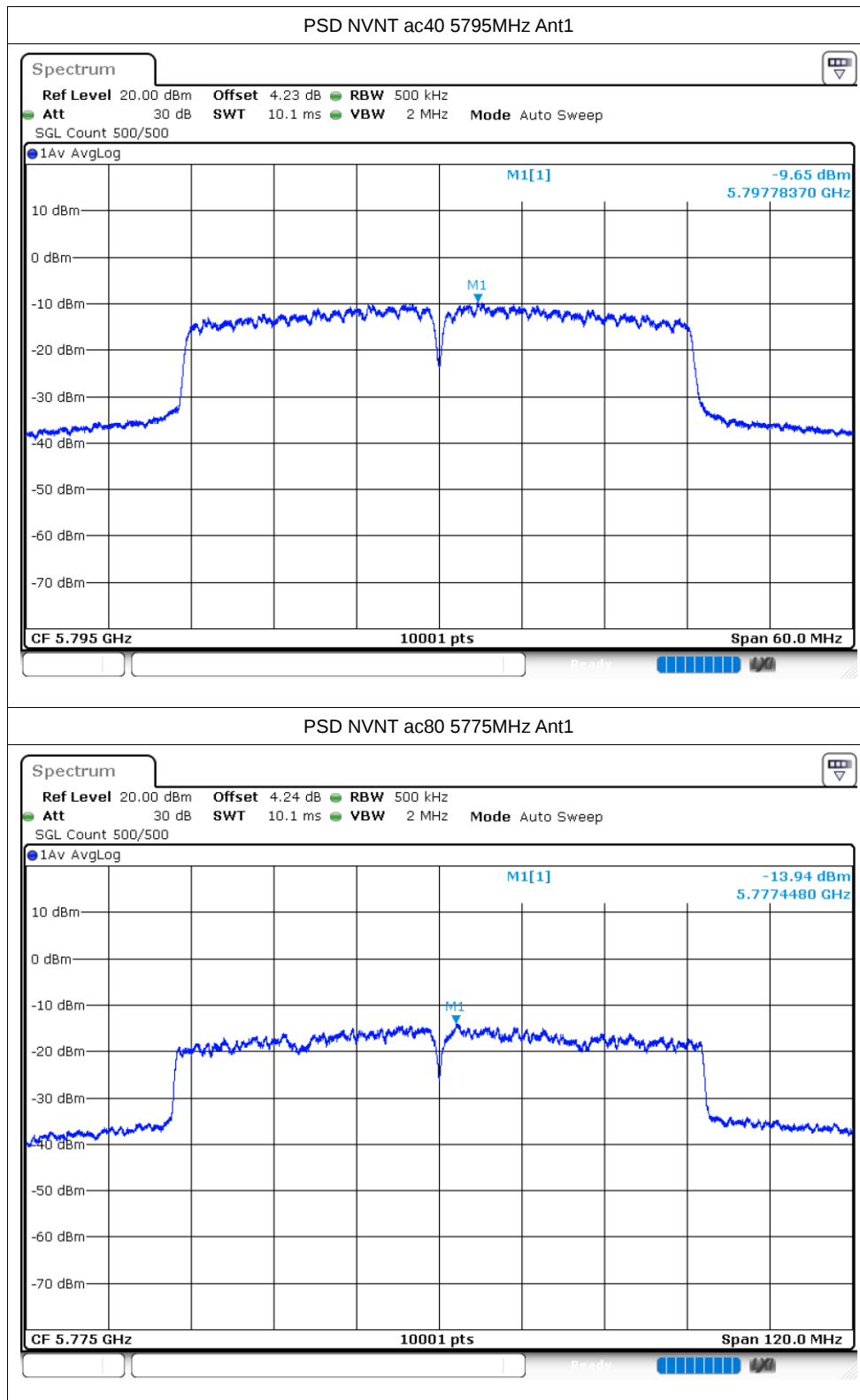










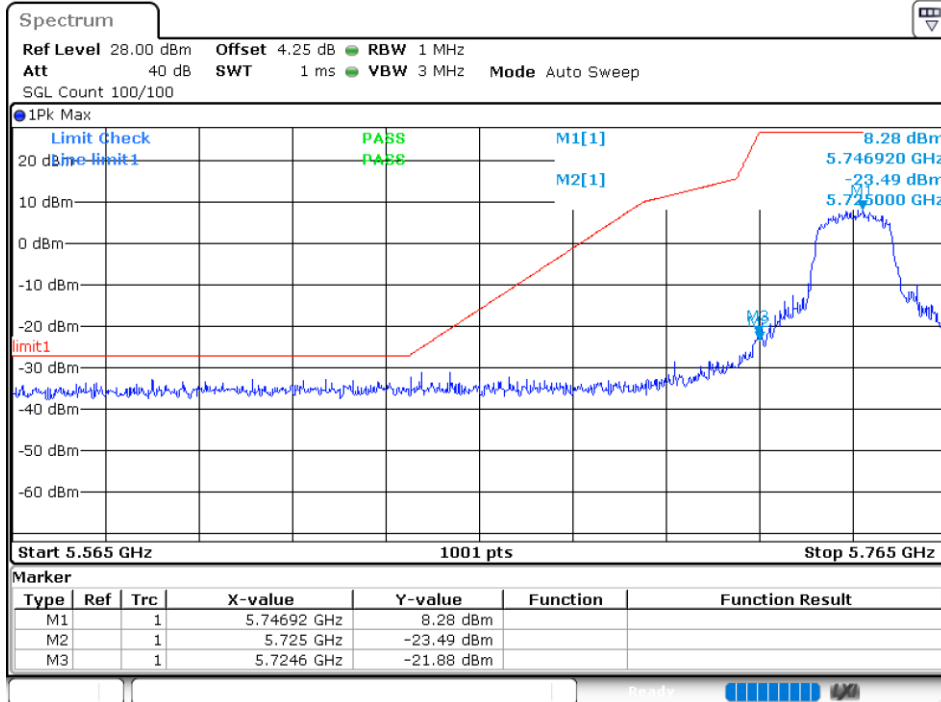


## Band Edge

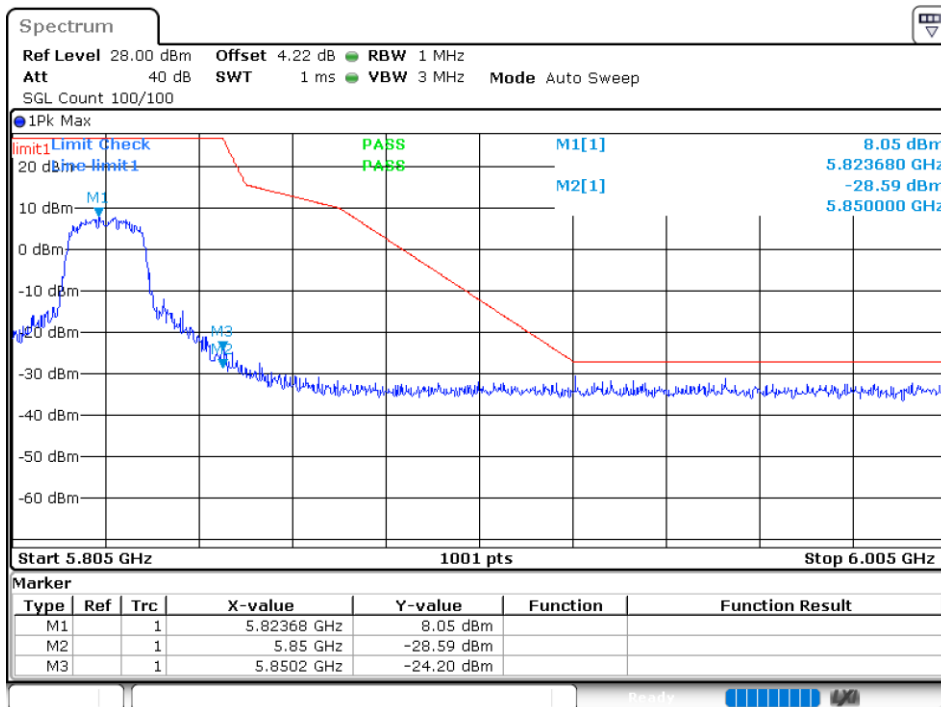
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|---------|
| NVNT      | a    | 5745            | Ant1    | -21.88          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -24.2           | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -18.07          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -25.22          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -17.75          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -29.21          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -21.09          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -24.6           | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -17.98          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -29.2           | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -17.27          | Pass    |

# Test Graphs

## Band Edge NVNT a 5745MHz Low Ant1



## Band Edge NVNT a 5825MHz High Ant1

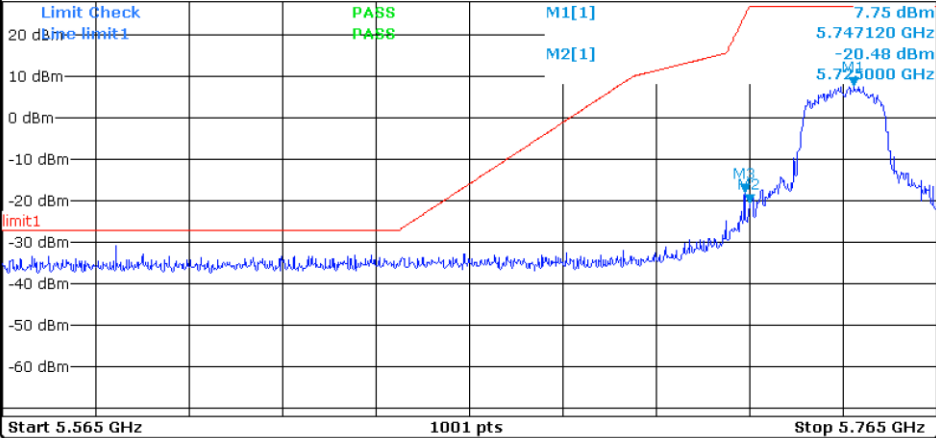


Band Edge NVNT n20 5745MHz Low Ant1

Spectrum

Ref Level 28.00 dBm Offset 4.25 dB RBW 1 MHz  
Att 40 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep  
SGL Count 100/100

1Pk Max



Marker

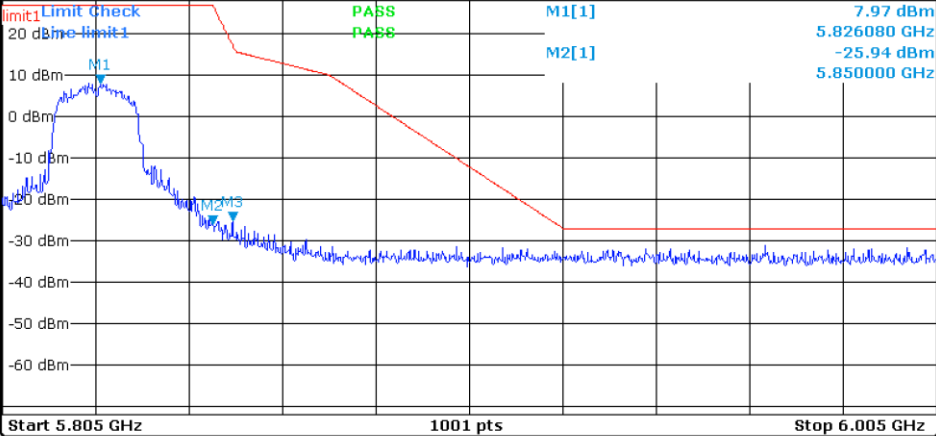
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   | 1   | 5.74712 GHz | 7.75 dBm   |          |                 |
| M2   | 1   | 1   | 5.725 GHz   | -20.48 dBm |          |                 |
| M3   | 1   | 1   | 5.724 GHz   | -18.07 dBm |          |                 |

Band Edge NVNT n20 5825MHz High Ant1

Spectrum

Ref Level 28.00 dBm Offset 4.22 dB RBW 1 MHz  
Att 40 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep  
SGL Count 100/100

1Pk Max



Marker

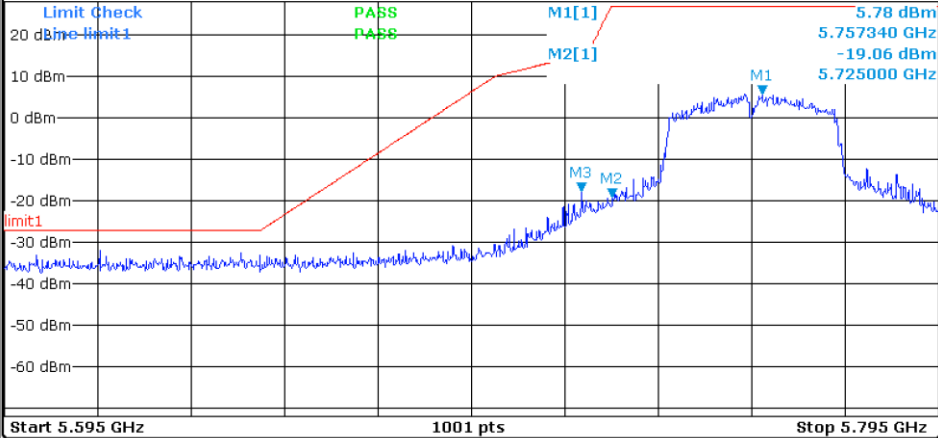
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   | 1   | 5.82608 GHz | 7.97 dBm   |          |                 |
| M2   | 1   | 1   | 5.85 GHz    | -25.94 dBm |          |                 |
| M3   | 1   | 1   | 5.8544 GHz  | -25.22 dBm |          |                 |

Band Edge NVNT n40 5755MHz Low Ant1

Spectrum

Ref Level 28.00 dBm Offset 4.25 dB RBW 1 MHz  
Att 40 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep  
SGL Count 100/100

1Pk Max



Marker

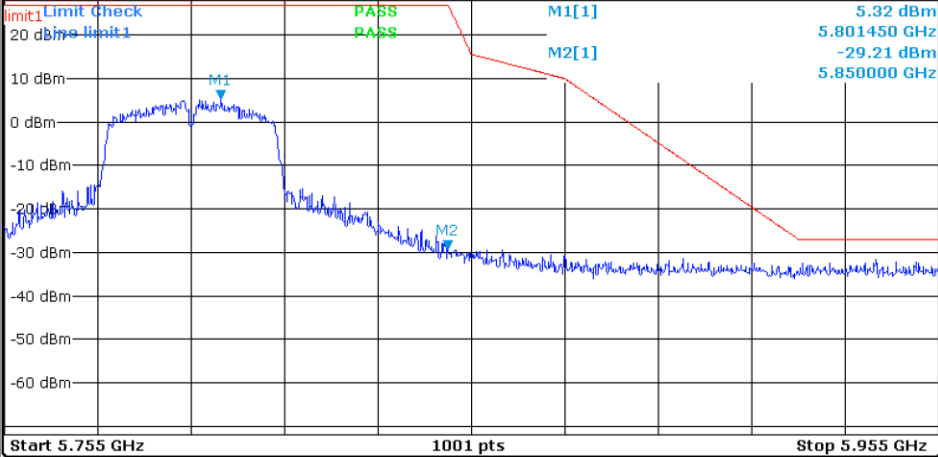
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   | 1   | 5.75734 GHz | 5.78 dBm   |          |                 |
| M2   | 1   | 1   | 5.725 GHz   | -19.06 dBm |          |                 |
| M3   | 1   | 1   | 5.7186 GHz  | -17.75 dBm |          |                 |

Band Edge NVNT n40 5795MHz High Ant1

Spectrum

Ref Level 28.00 dBm Offset 4.23 dB RBW 1 MHz  
Att 40 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep  
SGL Count 100/100

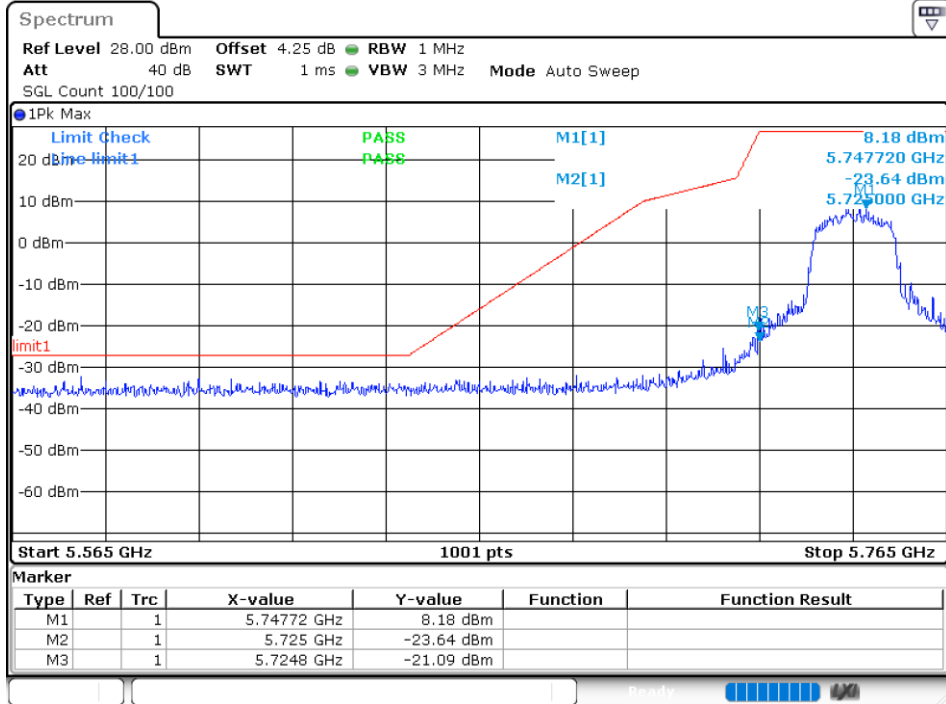
1Pk Max



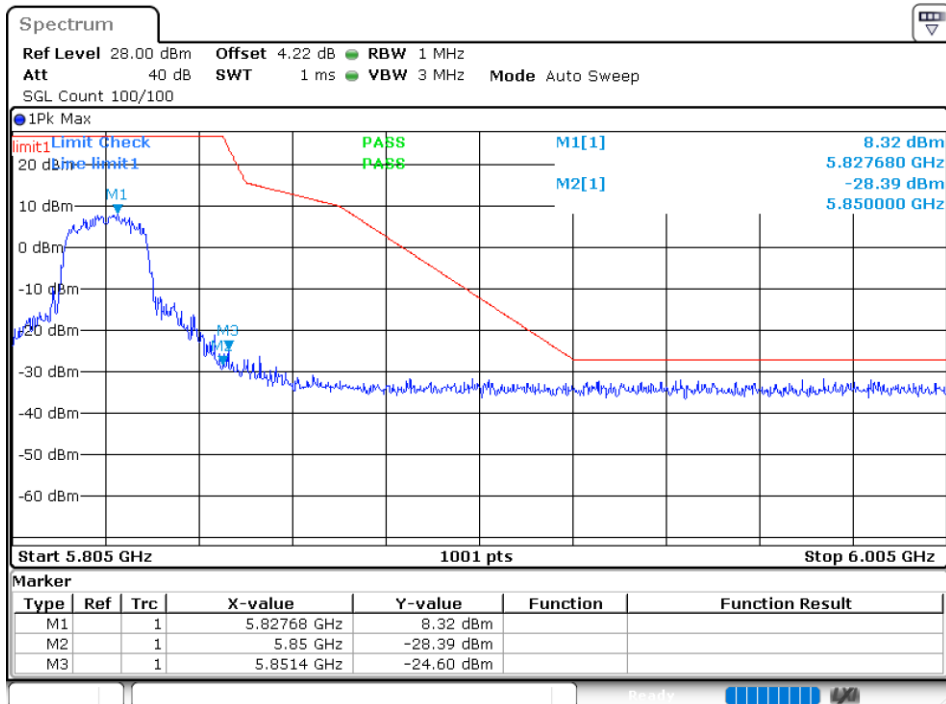
Marker

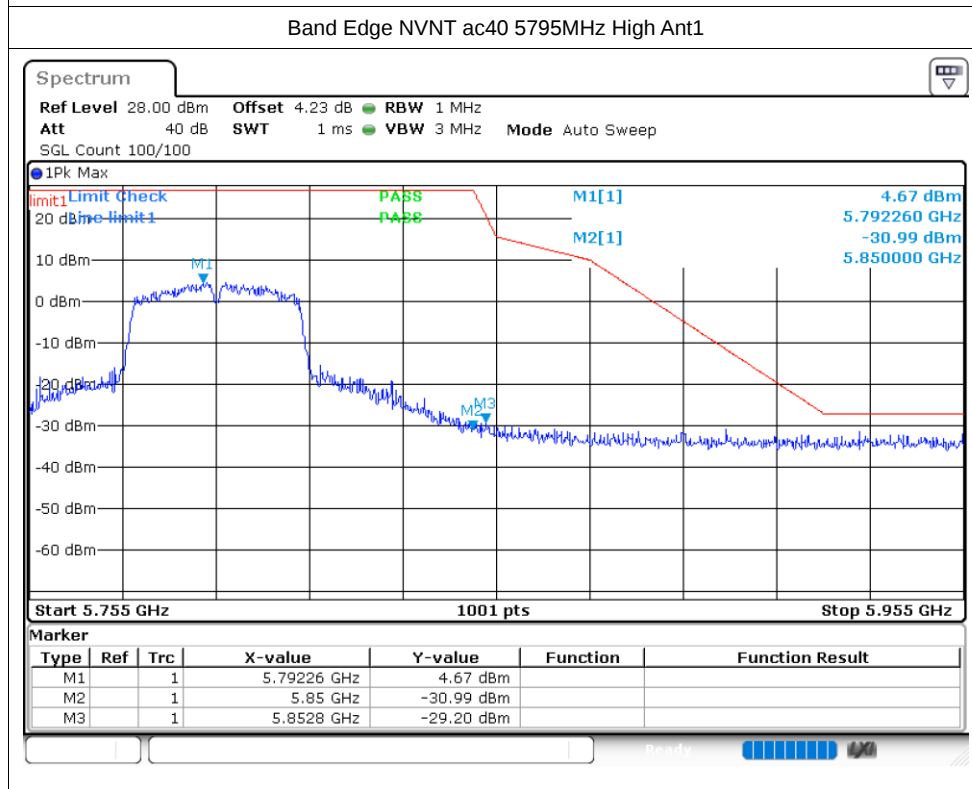
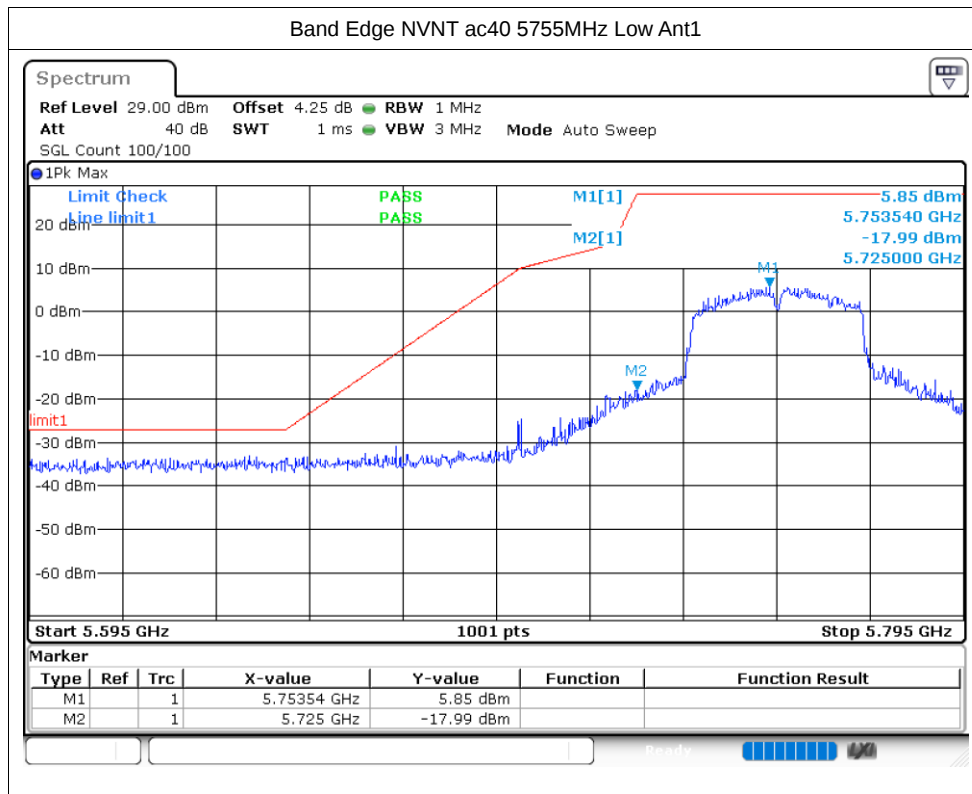
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   | 1   | 5.80145 GHz | 5.32 dBm   |          |                 |
| M2   | 1   | 1   | 5.85 GHz    | -29.21 dBm |          |                 |

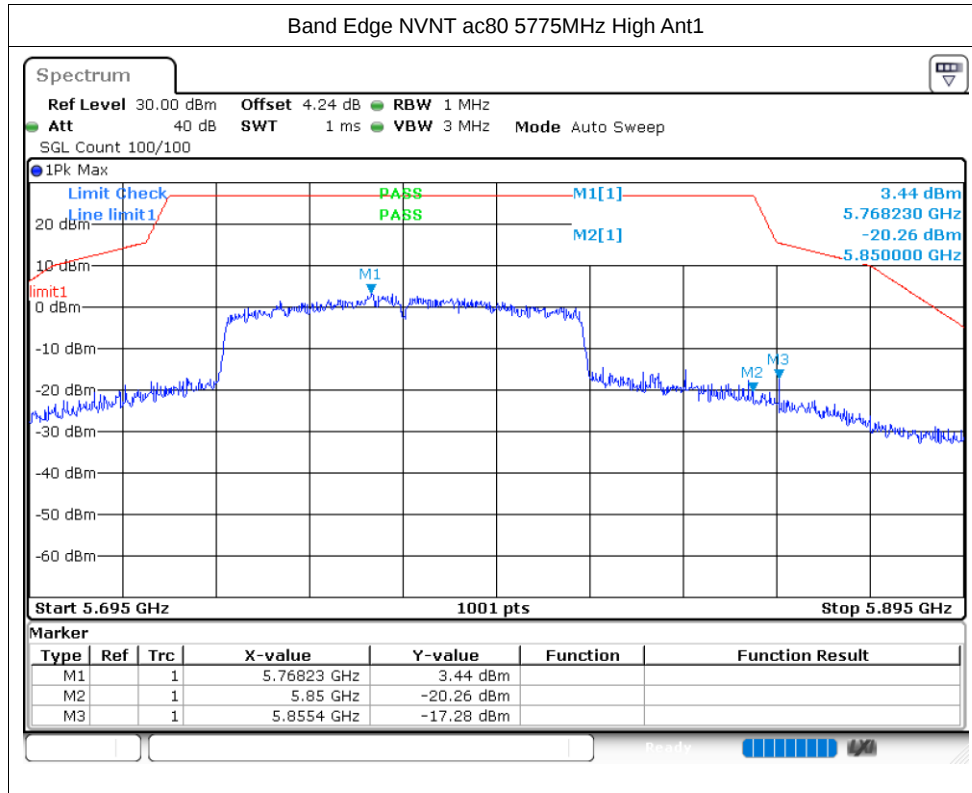
Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1





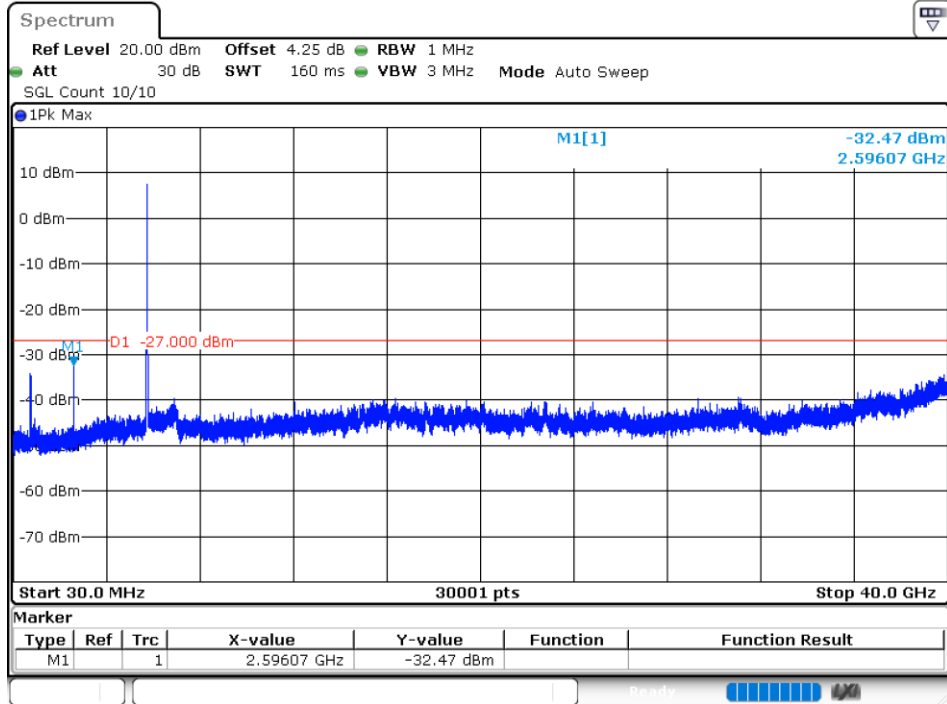


## Conducted RF Spurious Emission

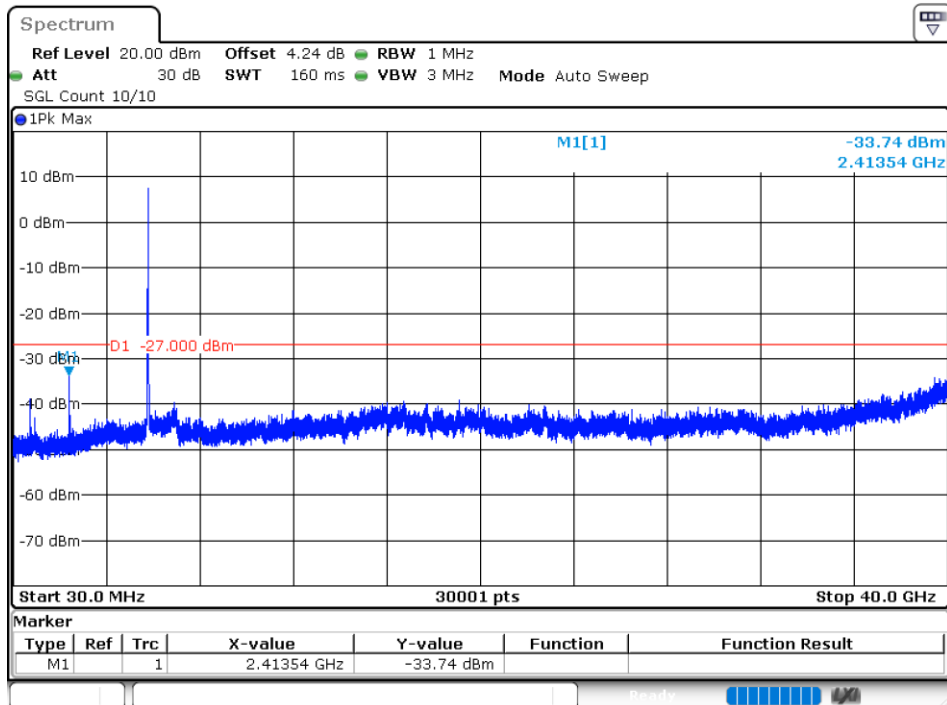
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -32.47          | -27         | Pass    |
| NVNT      | a    | 5785            | Ant1    | -33.73          | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | -34.35          | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -32.5           | -27         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -33.6           | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -34.21          | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -33.7           | -27         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -32.18          | -27         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -33.59          | -27         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -34.25          | -27         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -34.79          | -27         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -28.43          | -27         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -34.09          | -27         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -32.49          | -27         | Pass    |

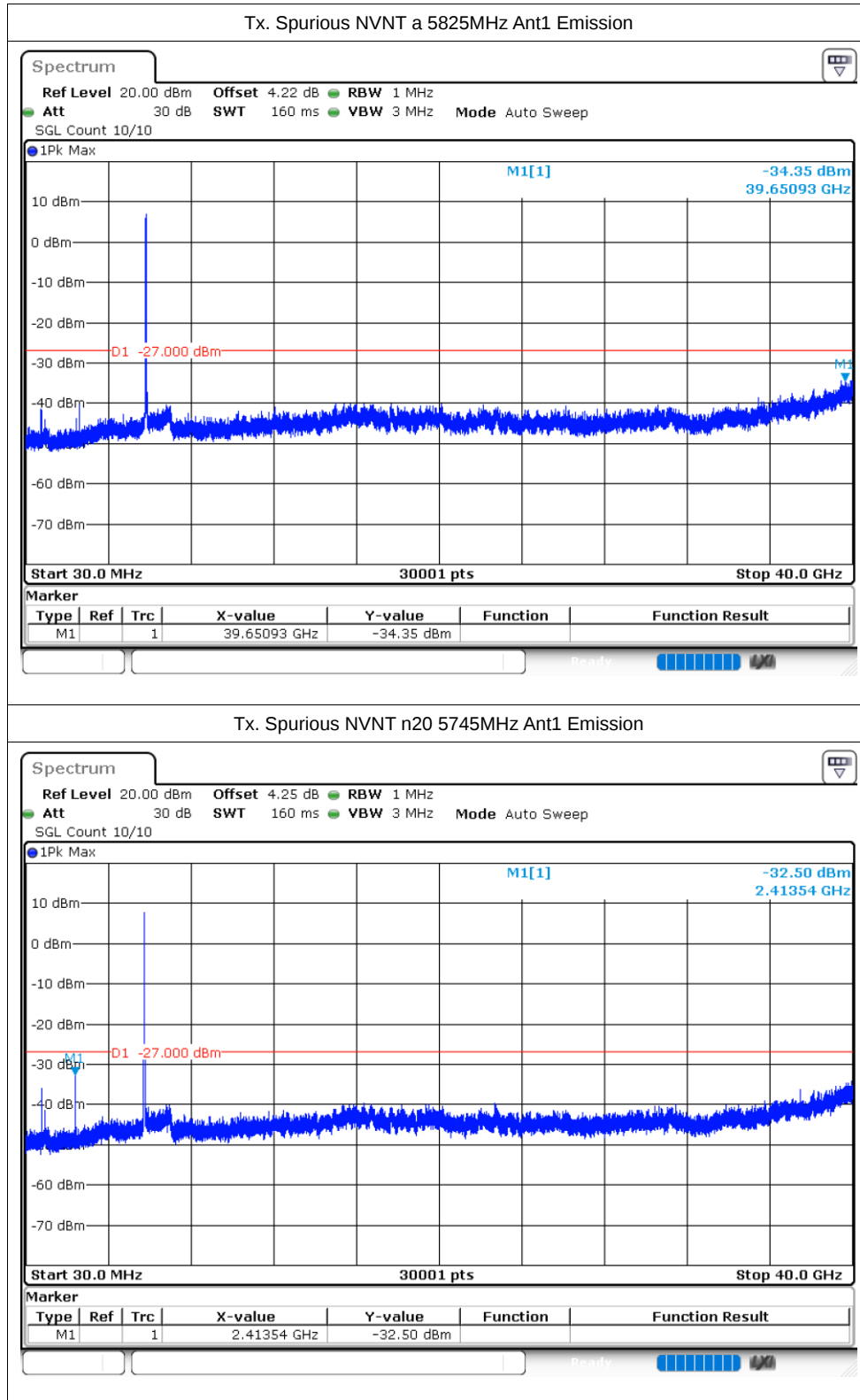
Test Graphs

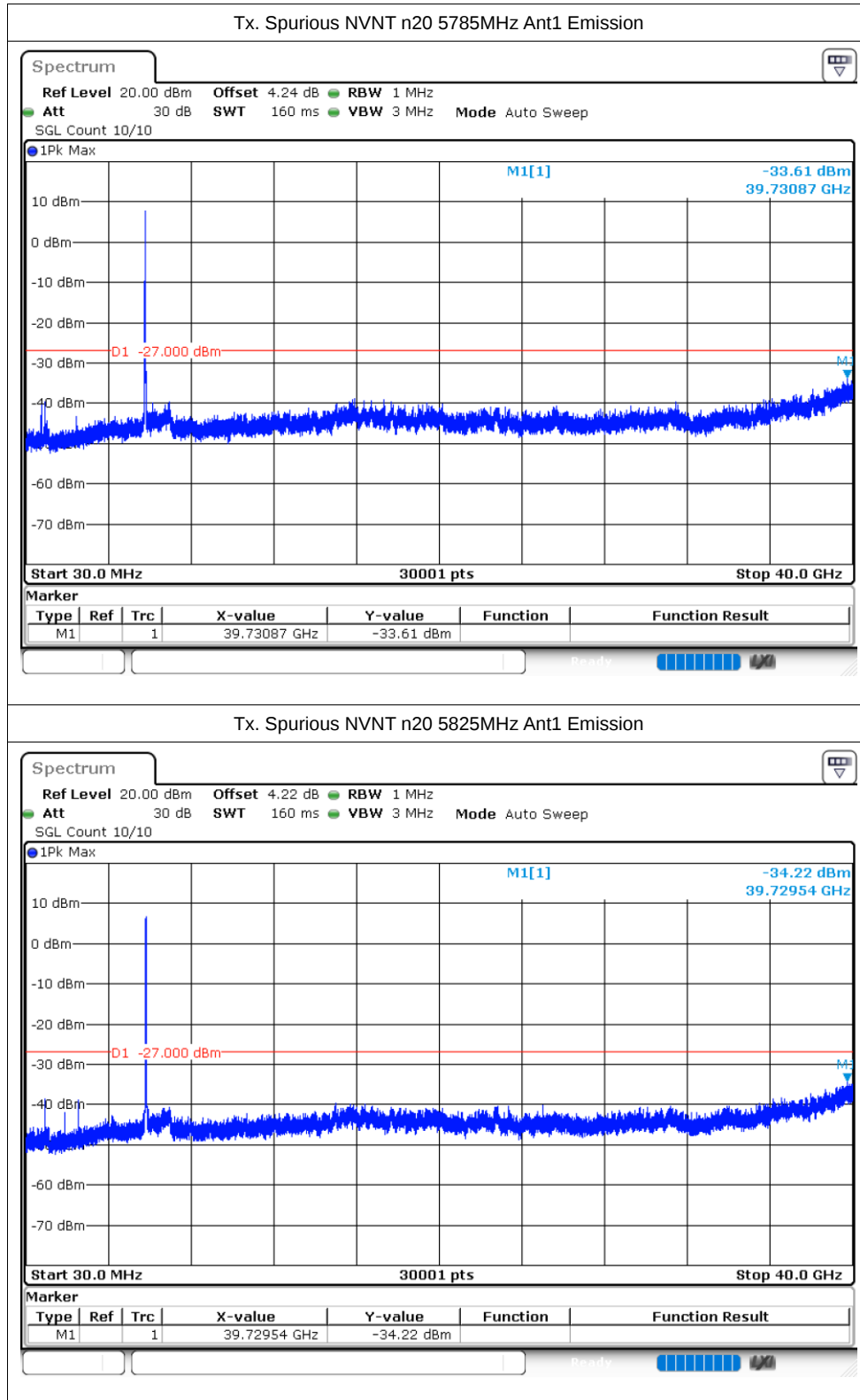
Tx. Spurious NVNT a 5745MHz Ant1 Emission

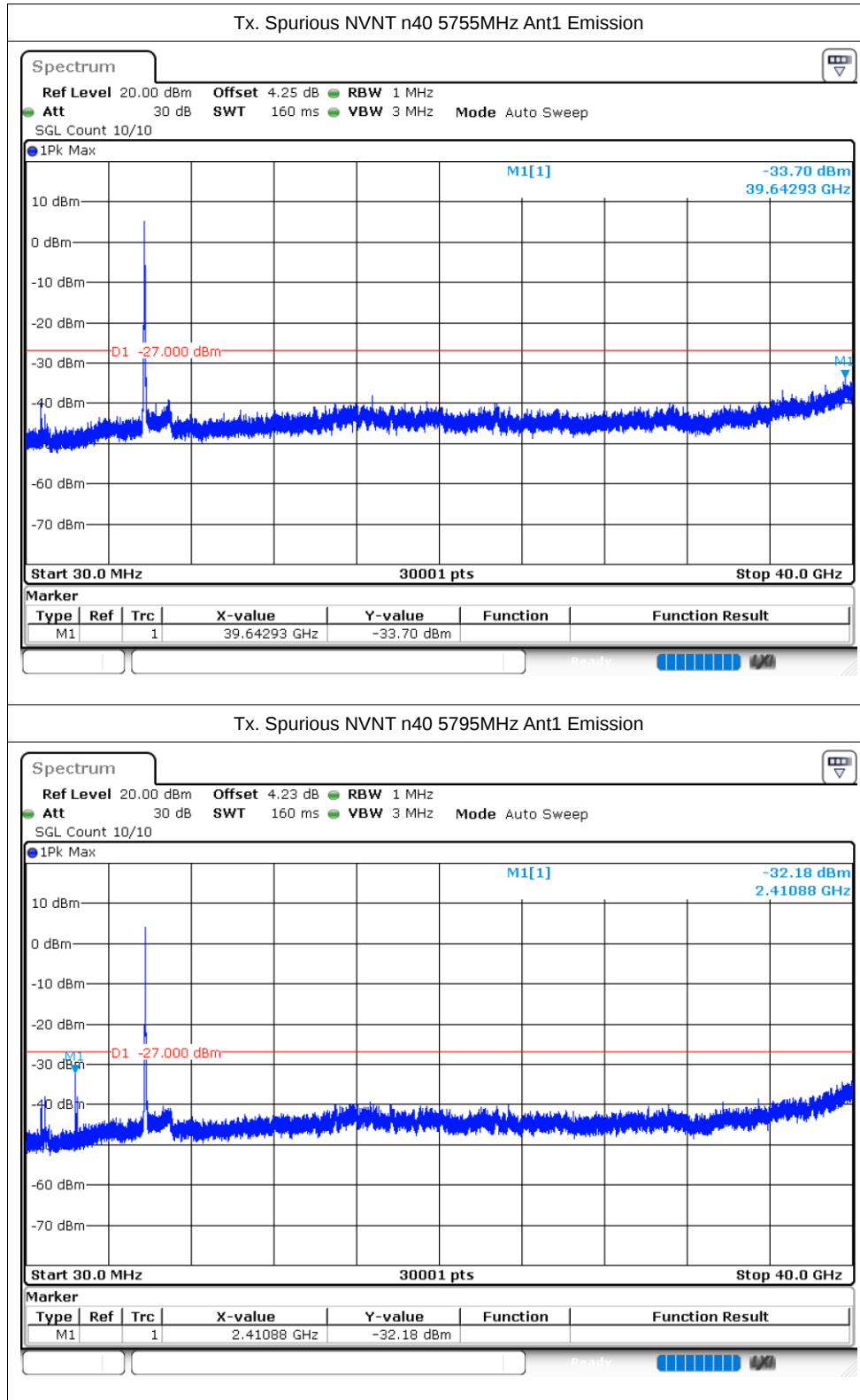


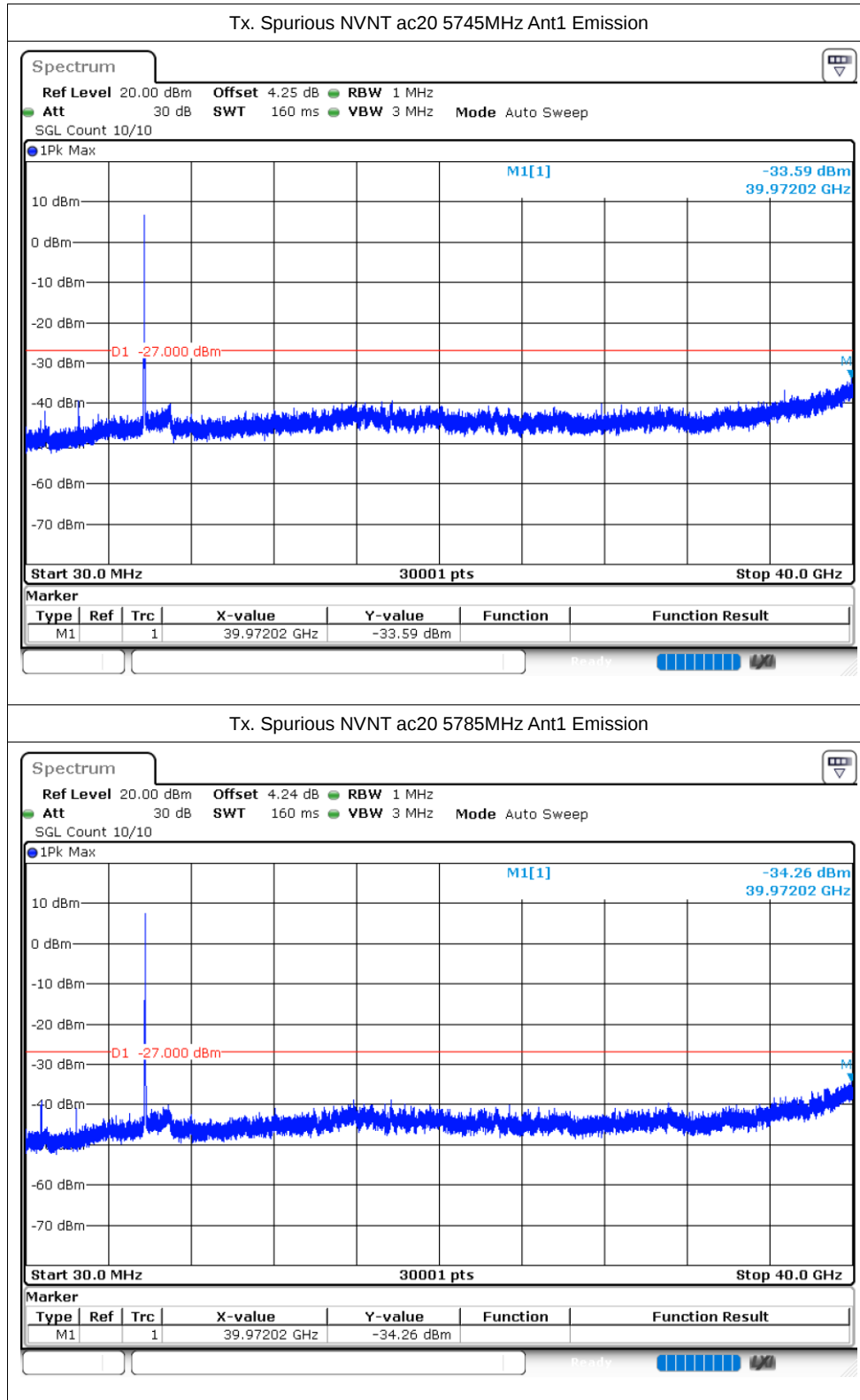
Tx. Spurious NVNT a 5785MHz Ant1 Emission

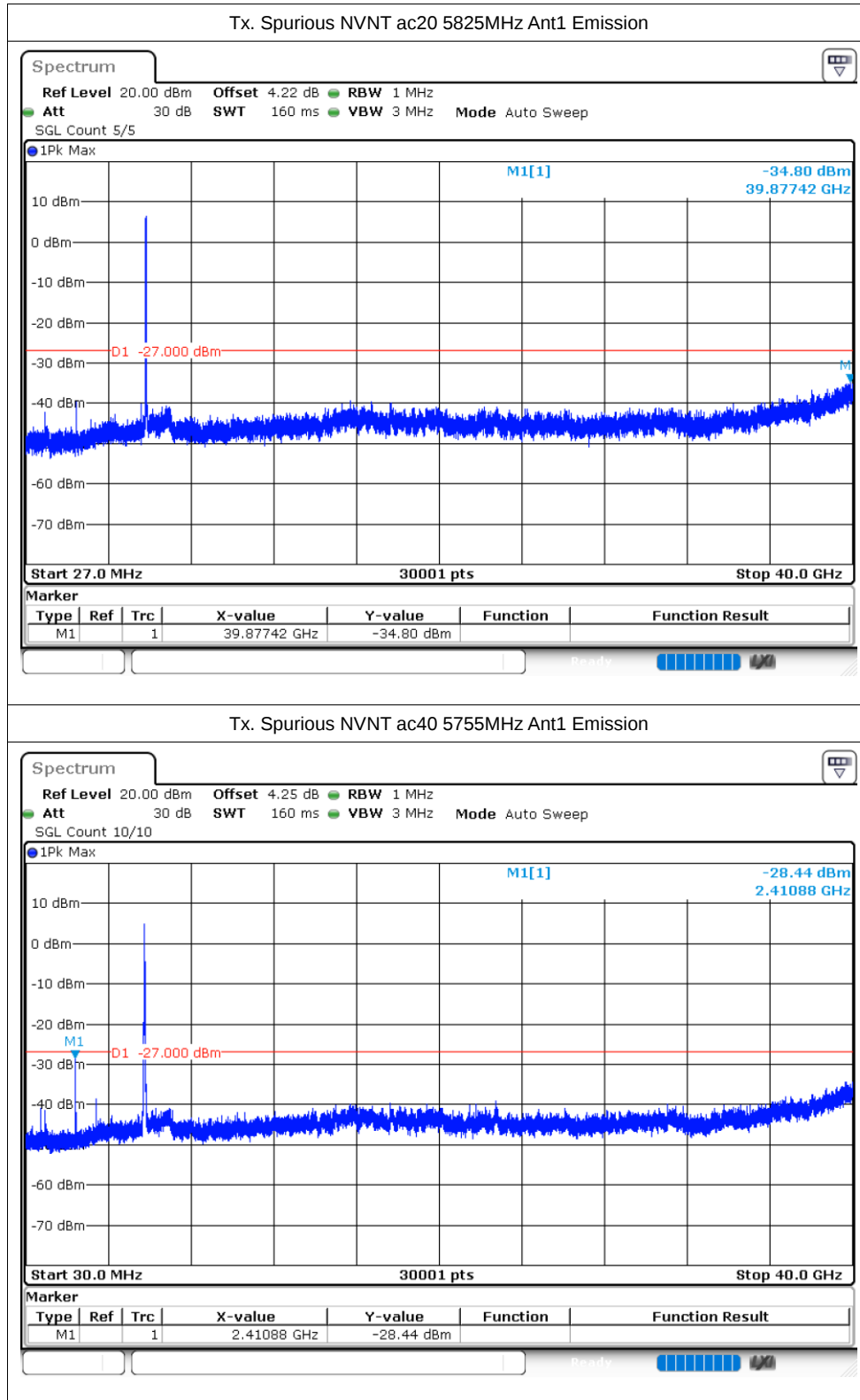


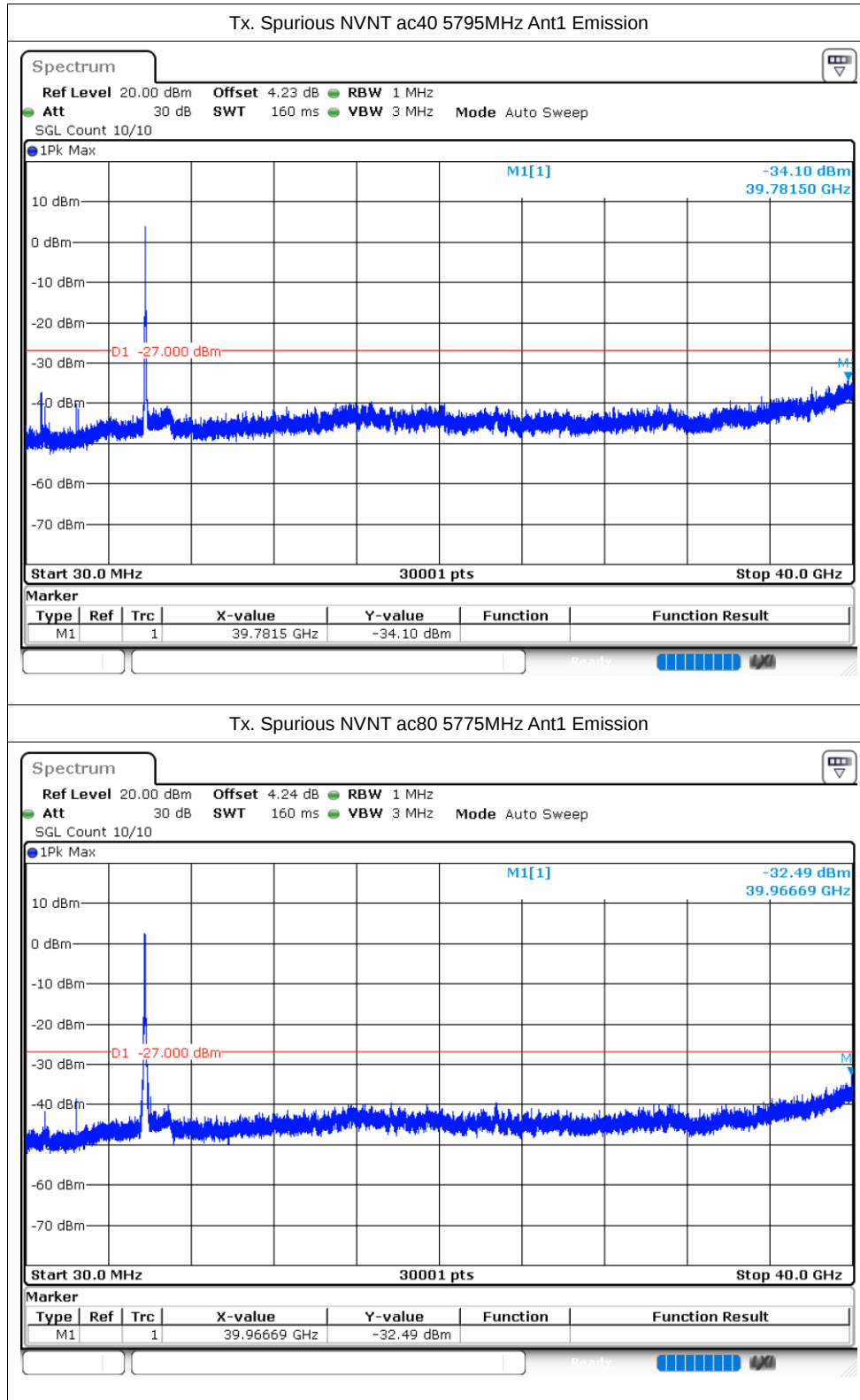








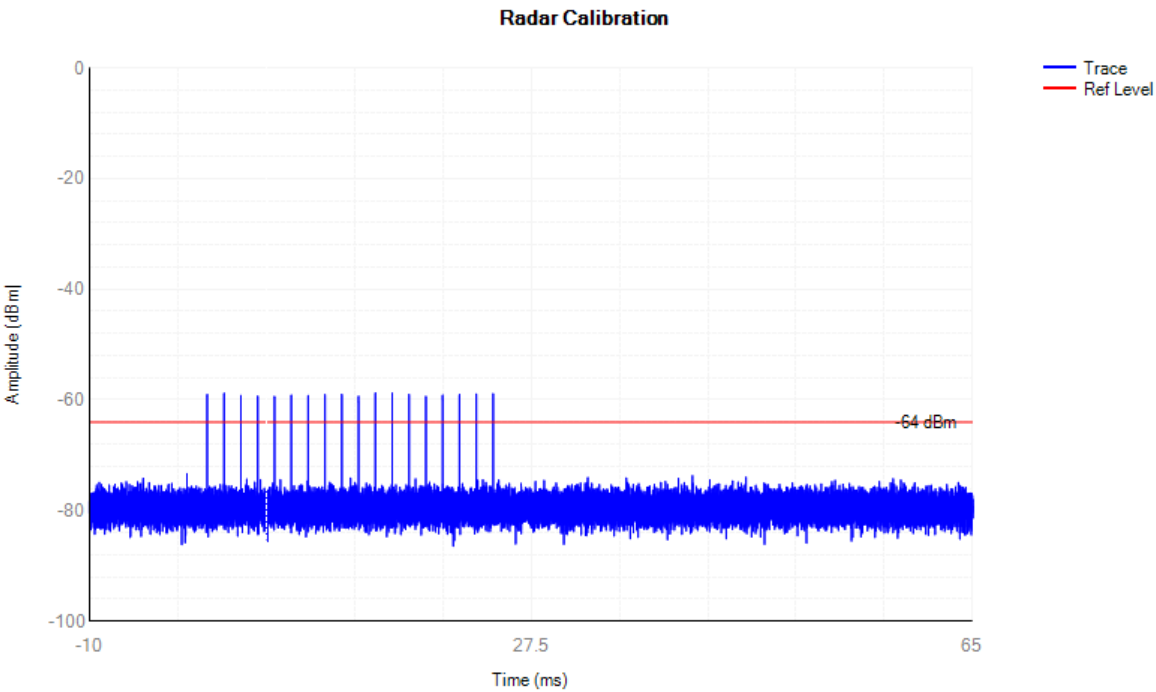




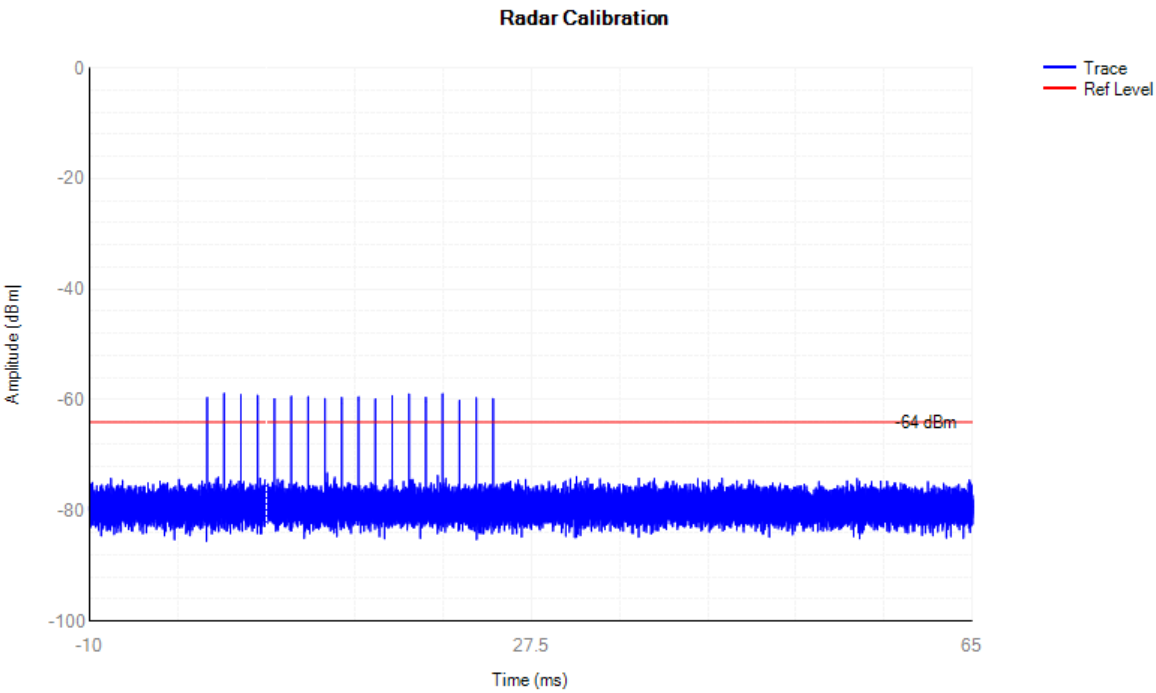
# DFS

## Calibration

5290MHz ac80 DFS\_FCC\_T0

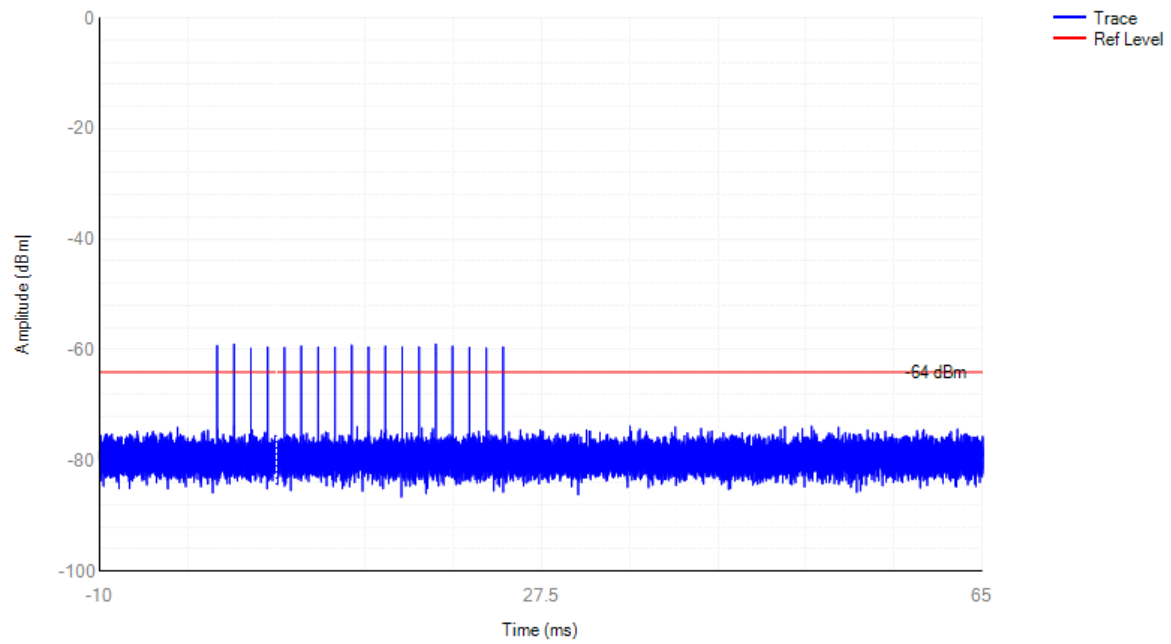


5530MHz ac80 DFS\_FCC\_T0



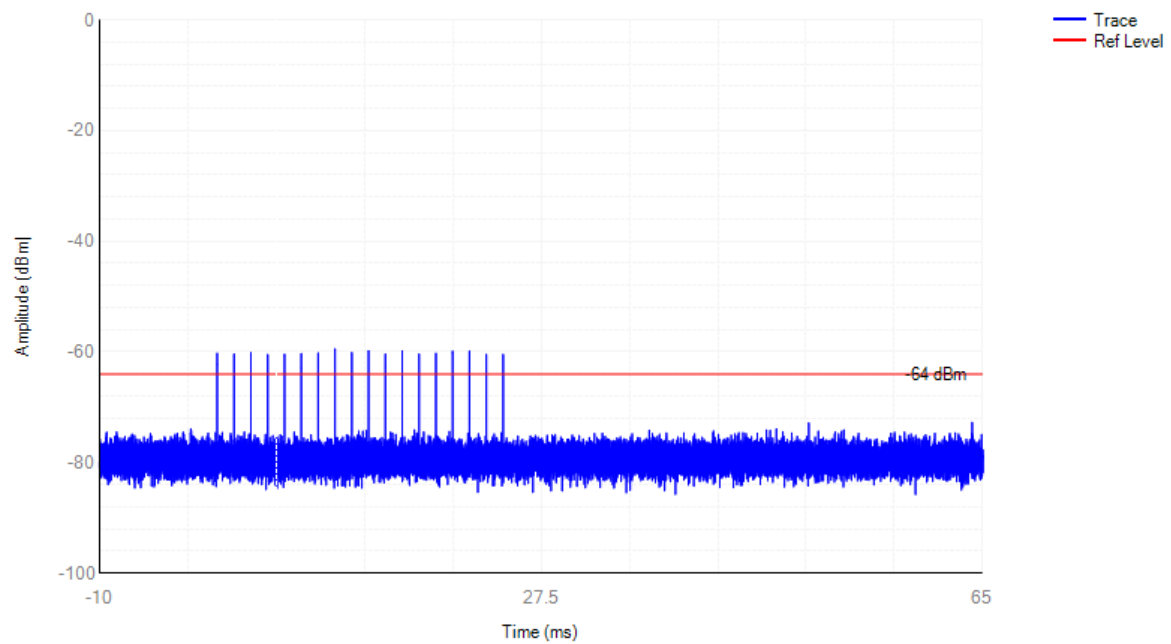
5310MHz n40 DFS\_FCC\_T0

### Radar Calibration



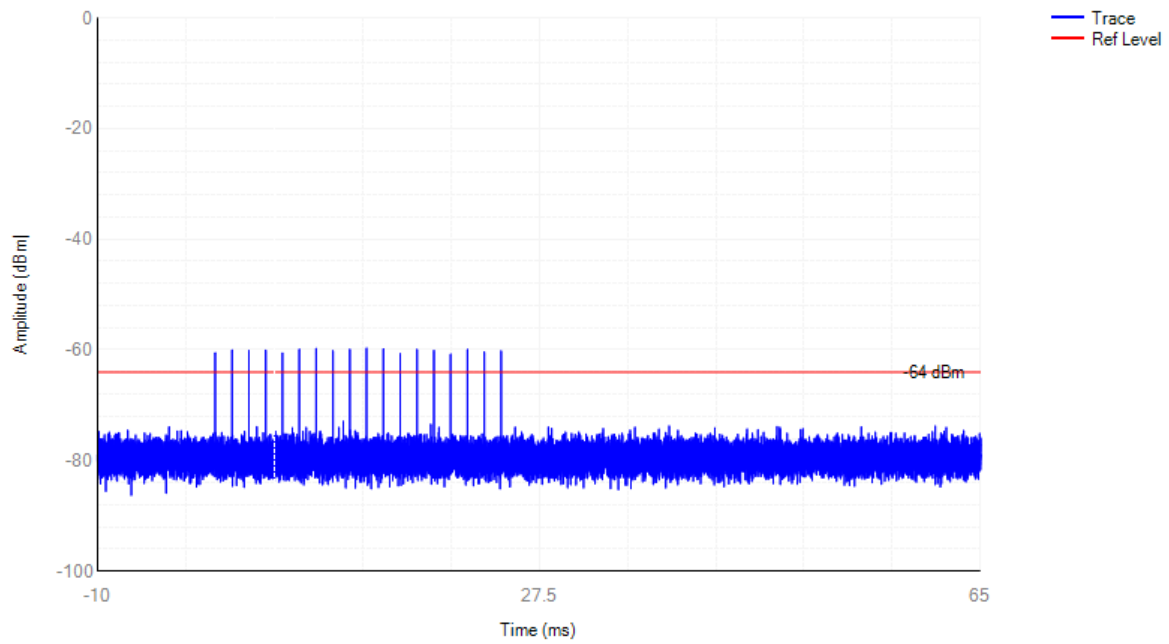
5510MHz n40 DFS\_FCC\_T0

### Radar Calibration



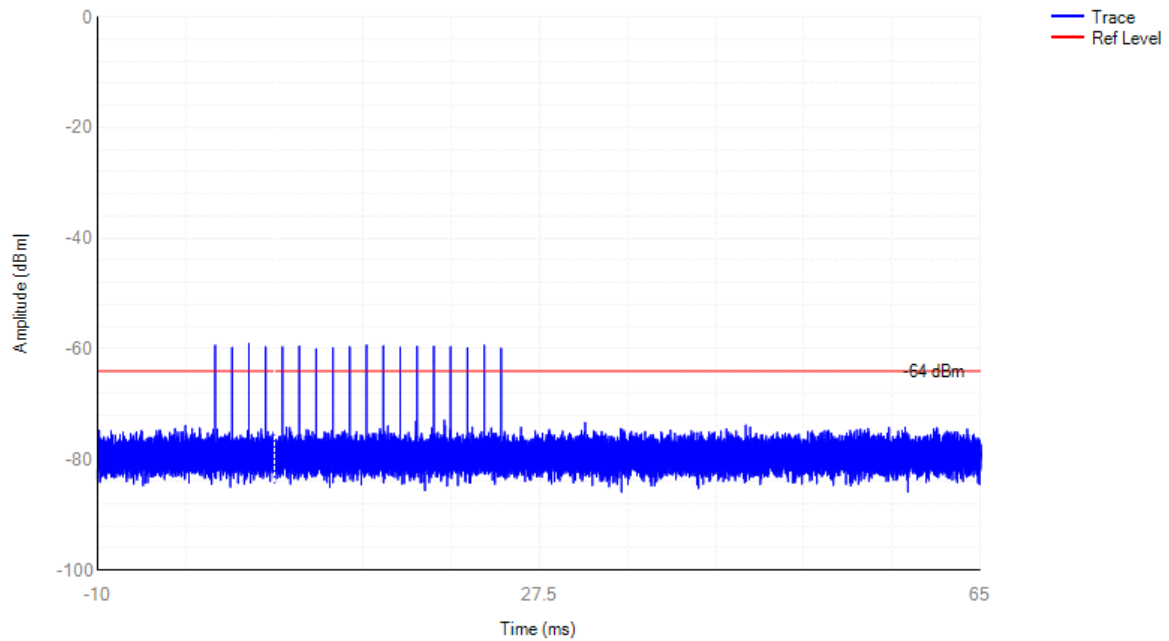
5320MHz a DFS\_FCC\_T0

### Radar Calibration



5500MHz a DFS\_FCC\_T0

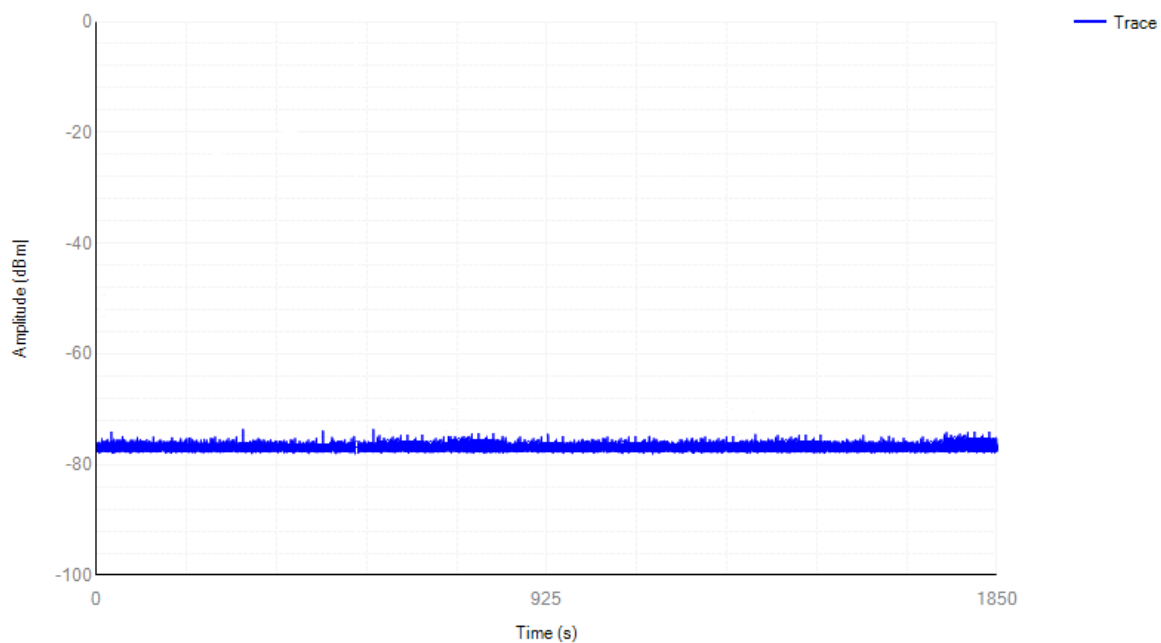
### Radar Calibration



### Non-Occupancy

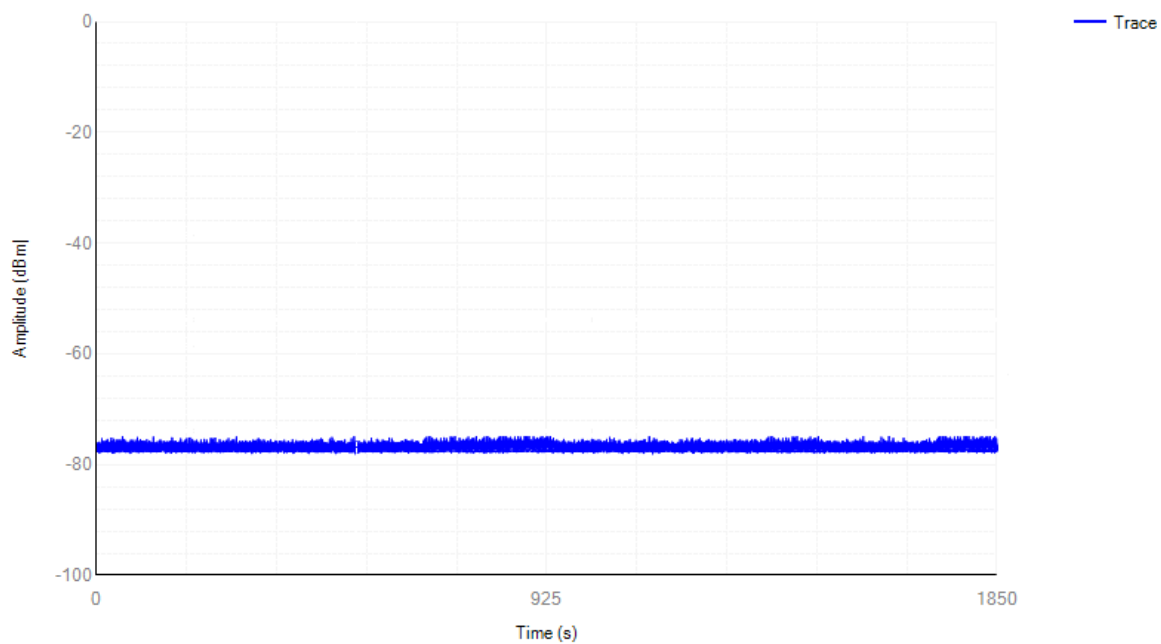
5290MHz ac80 Non-Occupancy

Non-Occupancy period



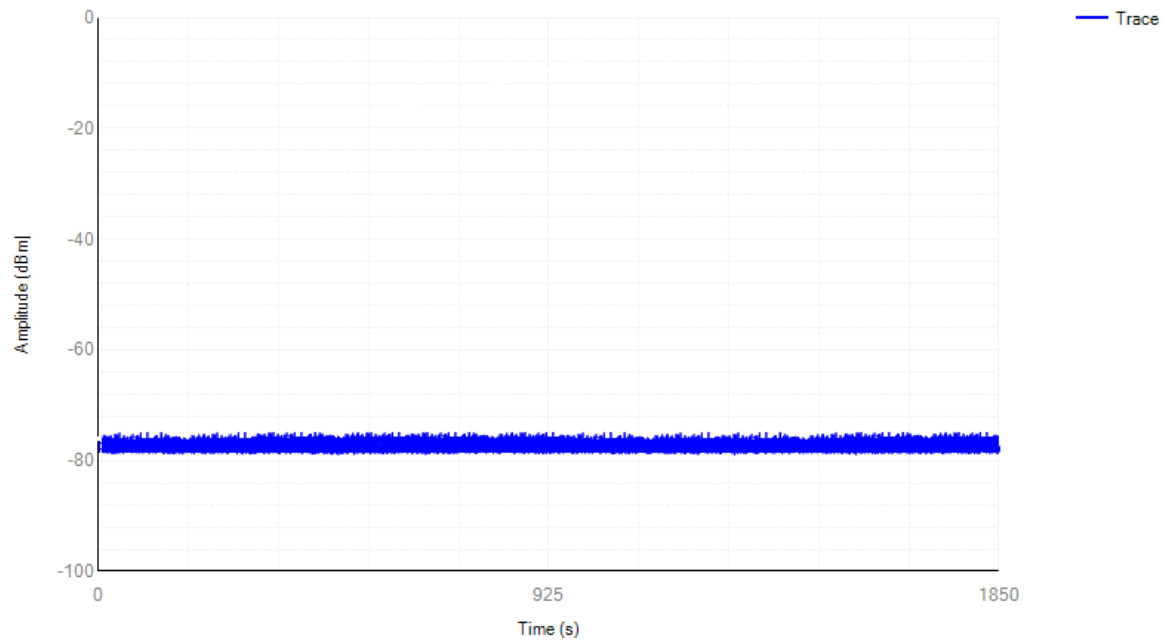
5530MHz ac80 Non-Occupancy

Non-Occupancy period



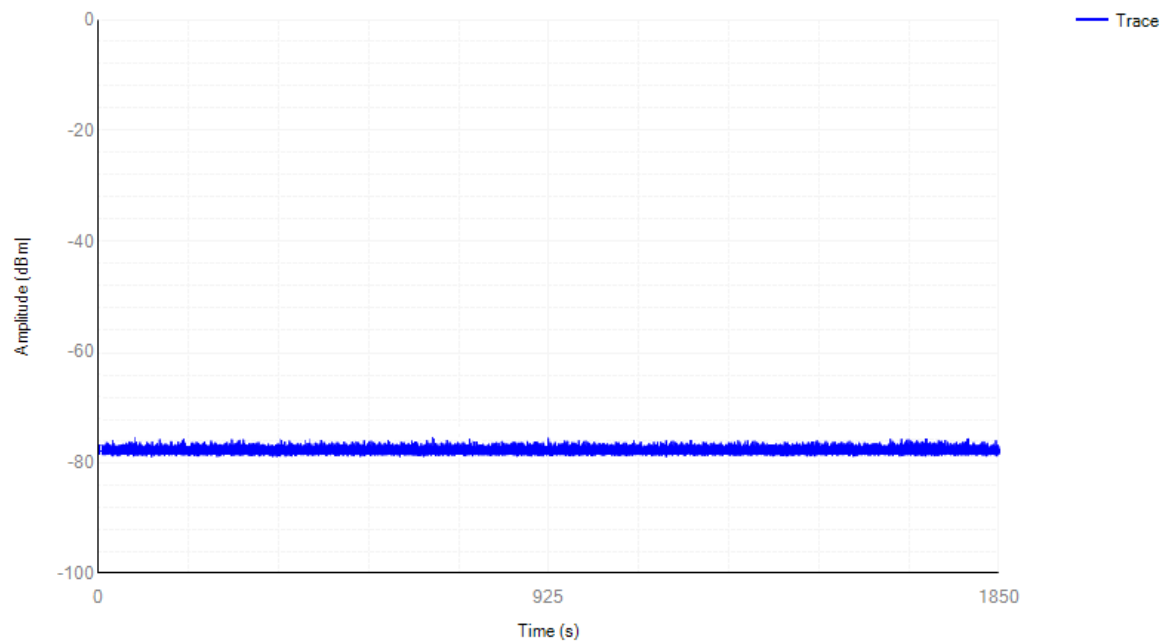
5310MHz n40 Non-Occupancy

### Non-Occupancy period



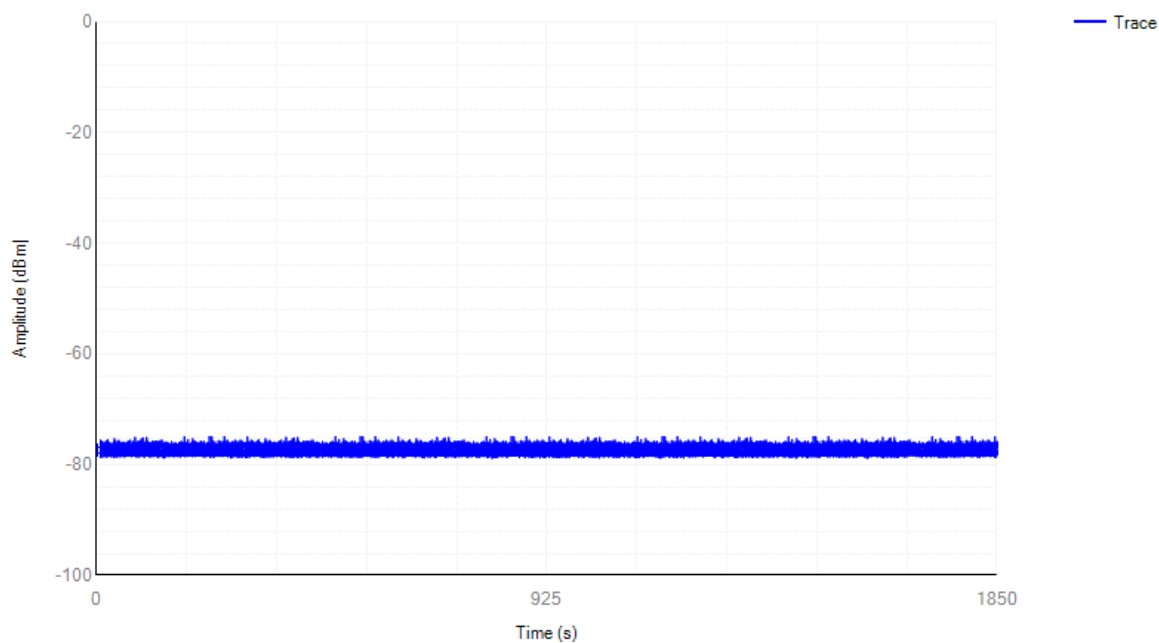
### 5510MHz n40 Non-Occupancy

### Non-Occupancy period



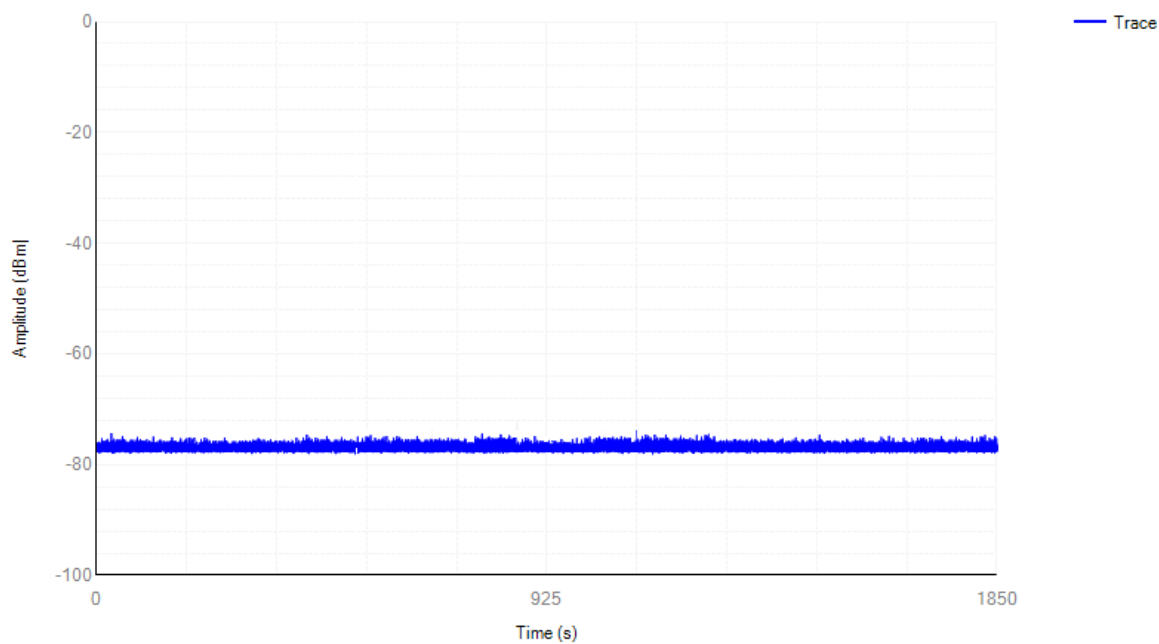
### 5320MHz a Non-Occupancy

### Non-Occupancy period



### 5500MHz a Non-Occupancy

### Non-Occupancy period



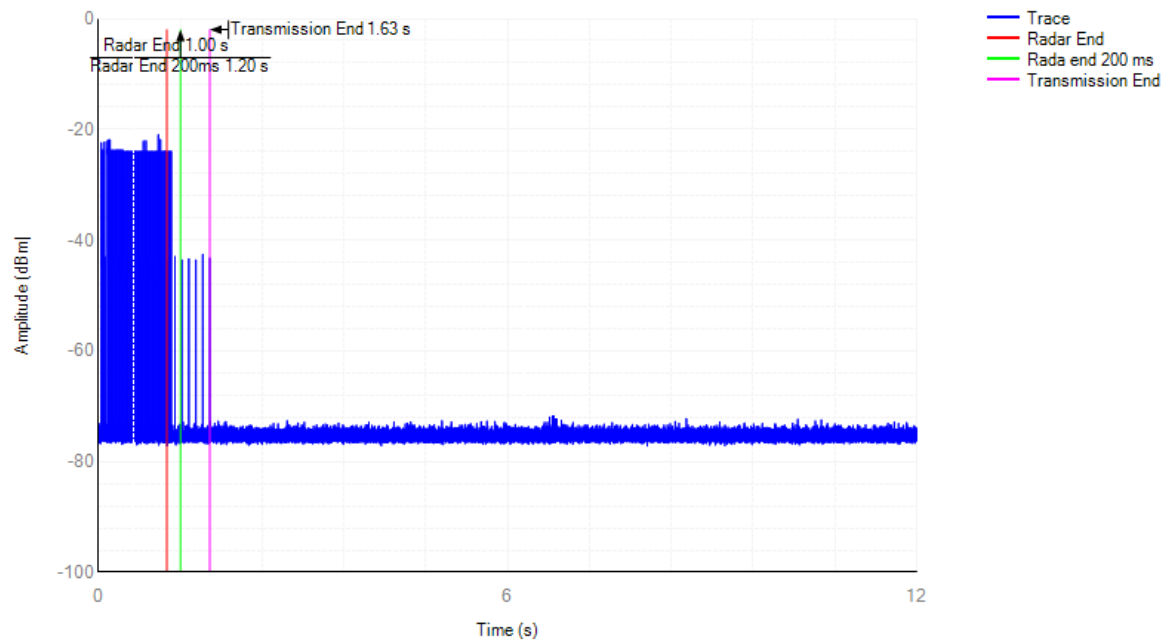
### Shutdown Time

| Mode | Frequency (MHz) | Channel Move Time (s) | Limit Channel Move Time (s) | Close Transmission Time (s) | Limit Close Transmission Time (s) | Close Transmission Time after 200ms(s) | Limit Close Transmission Time after 200ms (s) | Verdict |
|------|-----------------|-----------------------|-----------------------------|-----------------------------|-----------------------------------|----------------------------------------|-----------------------------------------------|---------|
| a    | 5260            | 0.63                  | 10                          | 0.006                       | 0.26                              | 0.002                                  | 0.06                                          | Pass    |
| a    | 5500            | 0.6684                | 10                          | 0.0072                      | 0.26                              | 0.002                                  | 0.06                                          | Pass    |

|      |      |        |    |        |      |        |      |      |
|------|------|--------|----|--------|------|--------|------|------|
| n40  | 5270 | 0.404  | 10 | 0.002  | 0.26 | 0.0012 | 0.06 | Pass |
| n40  | 5510 | 0.0724 | 10 | 0.002  | 0.26 | 0      | 0.06 | Pass |
| ac80 | 5290 | 0.0648 | 10 | 0.0036 | 0.26 | 0      | 0.06 | Pass |
| ac80 | 5530 | 0.3752 | 10 | 0.0052 | 0.26 | 0.0008 | 0.06 | Pass |

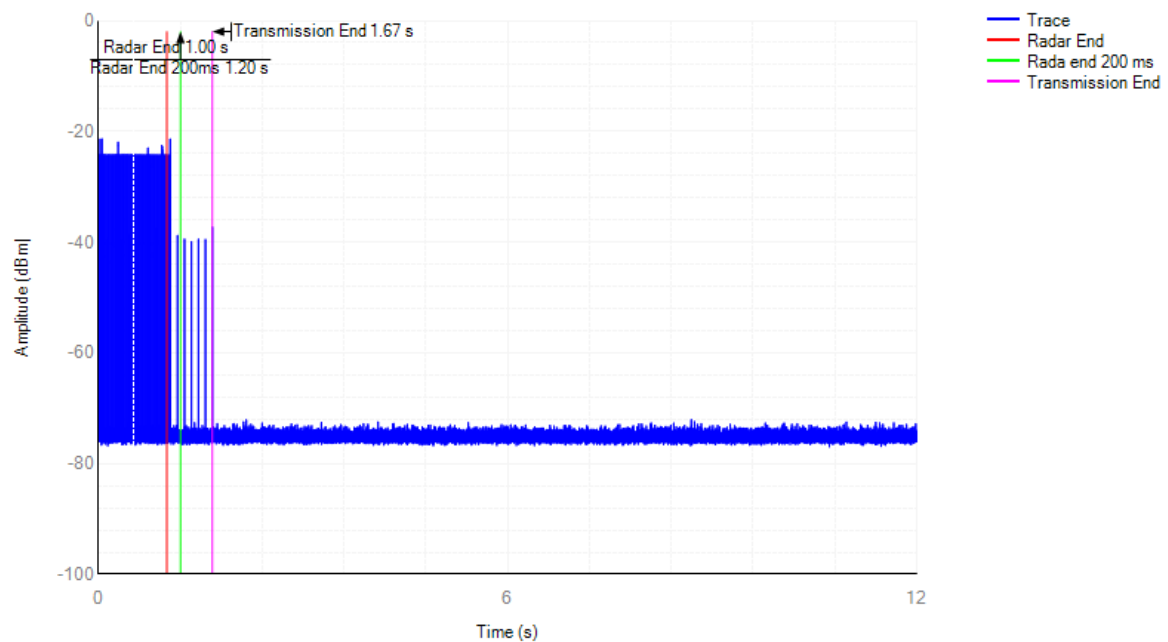
#### 5260MHz a Shutdown

##### Channel Shutdown



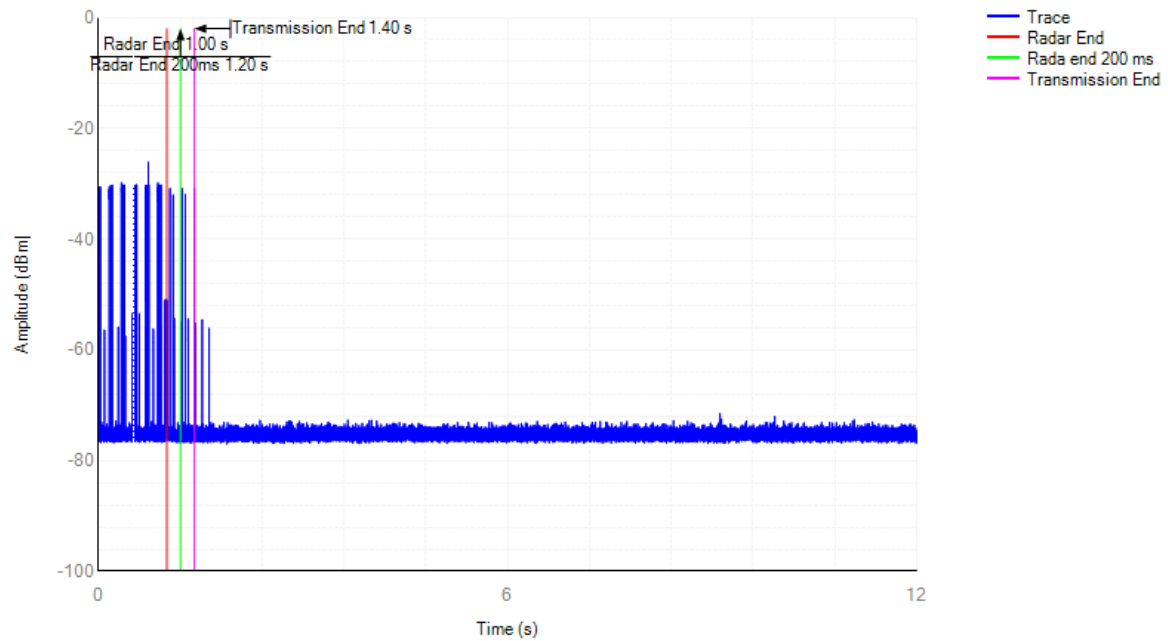
#### 5500MHz a Shutdown

##### Channel Shutdown



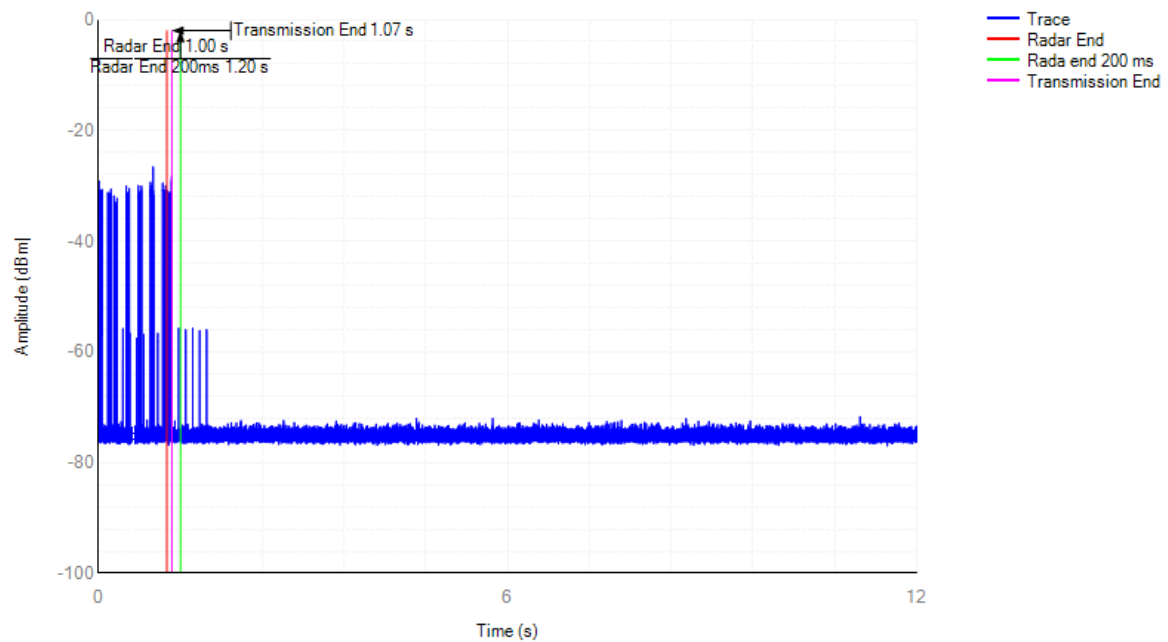
#### 5270MHz n40 Shutdown

### Channel Shutdown



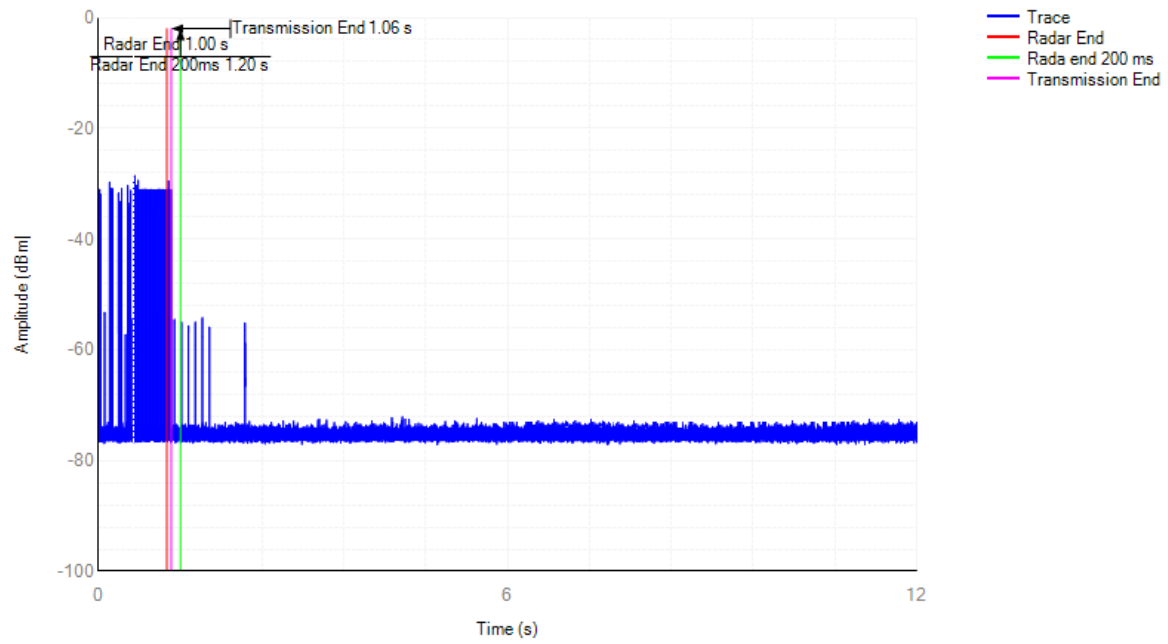
### 5510MHz n40 Shutdown

### Channel Shutdown



### 5290MHz ac80 Shutdown

### Channel Shutdown



### 5530MHz ac80 Shutdown

### Channel Shutdown

