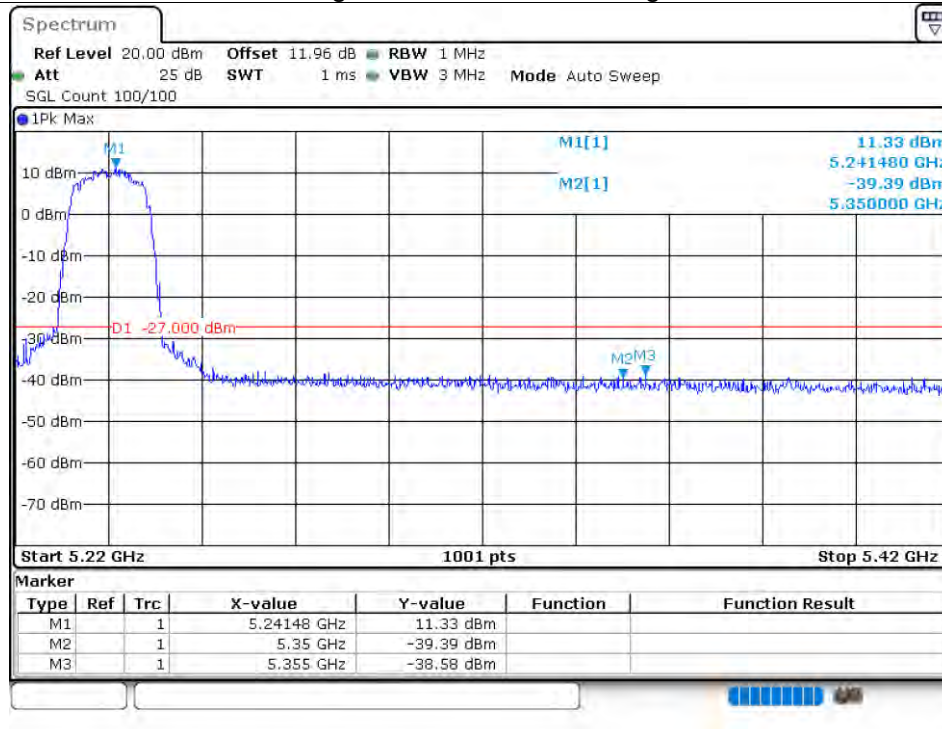


### Test Graphs

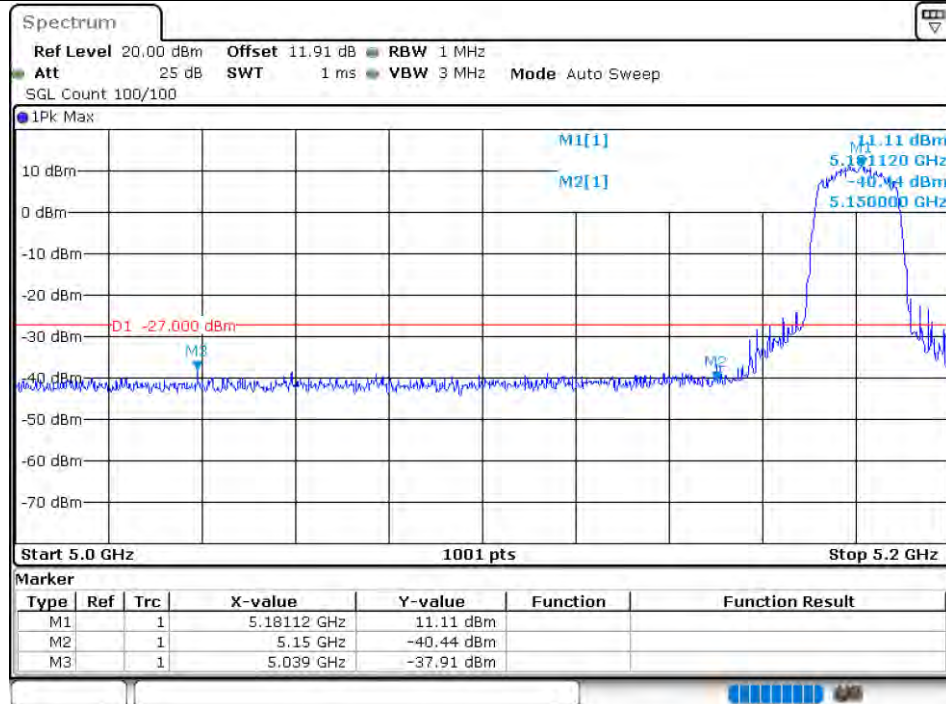
#### Band Edge NVNT a 5180MHz Low Ant1



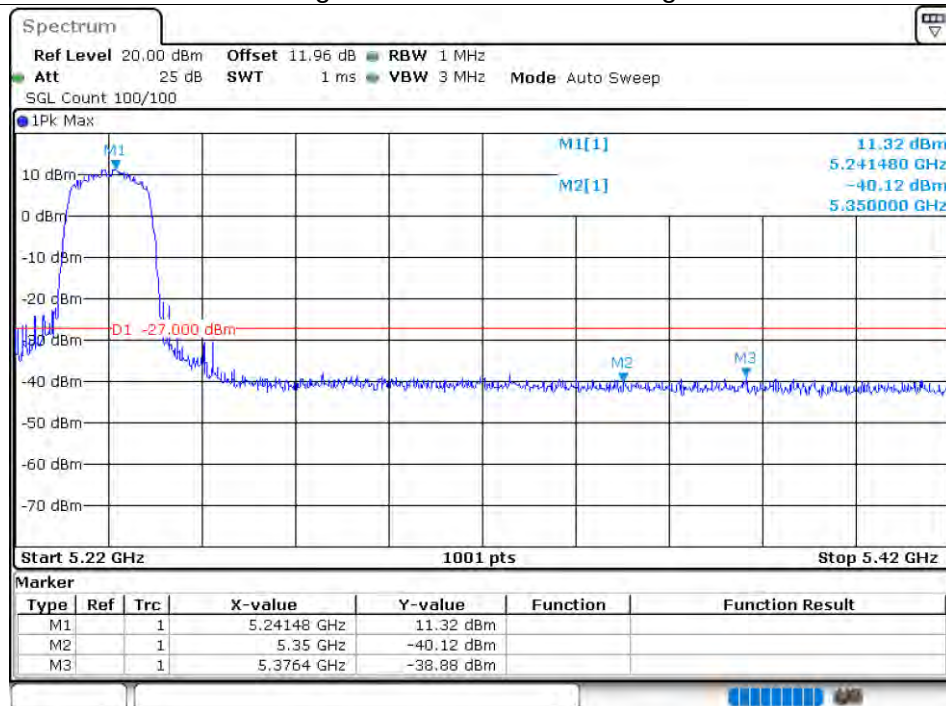
#### Band Edge NVNT a 5240MHz High Ant1



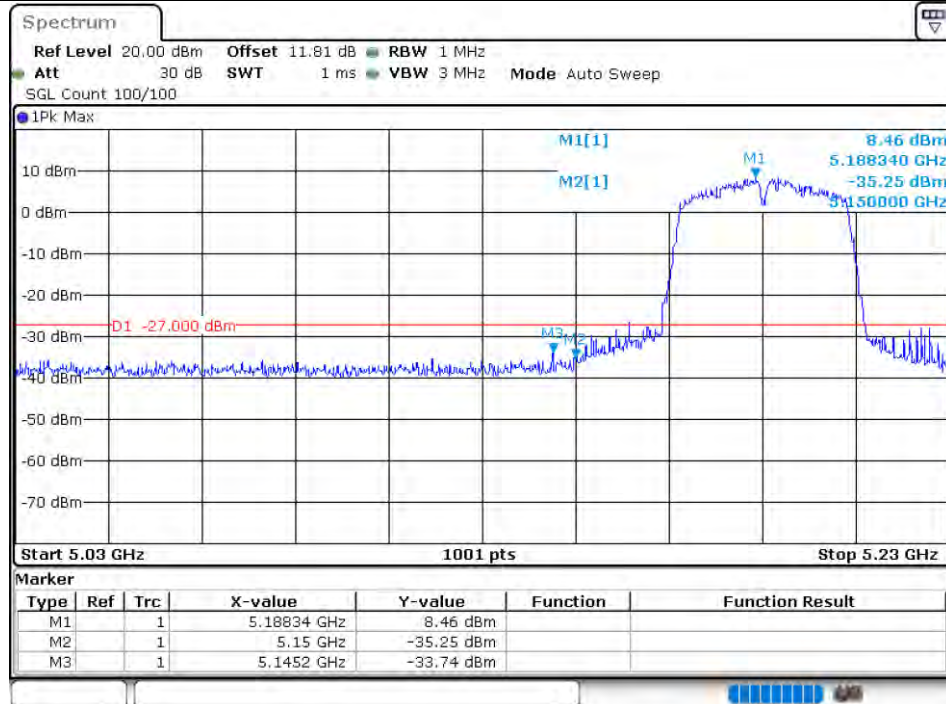
### Band Edge NVNT n20 5180MHz Low Ant1



### Band Edge NVNT n20 5240MHz High Ant1



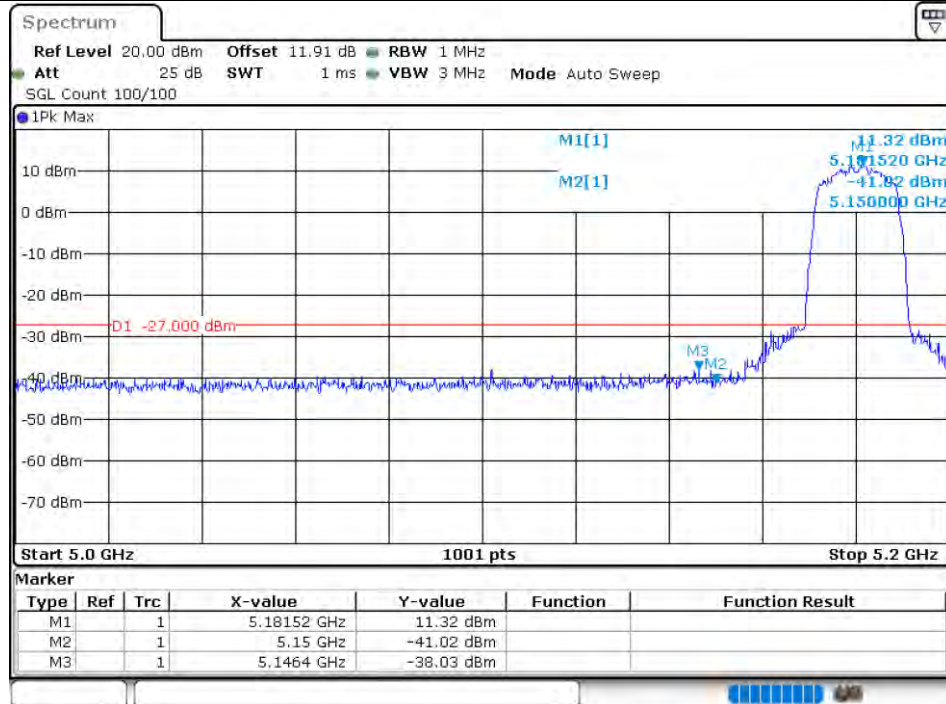
### Band Edge NVNT n40 5190MHz Low Ant1



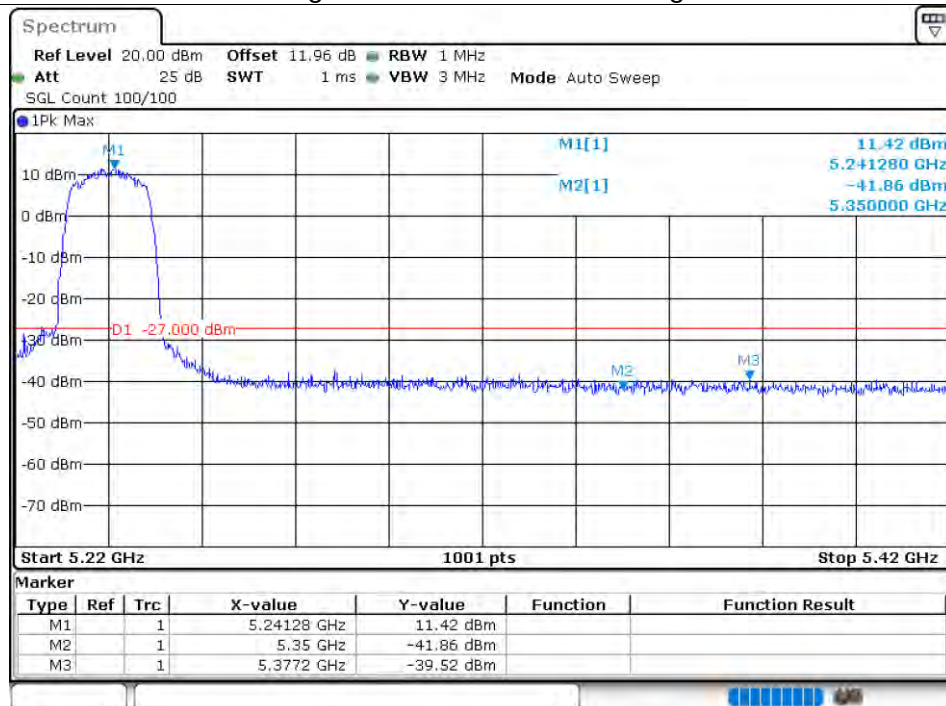
### Band Edge NVNT n40 5230MHz High Ant1



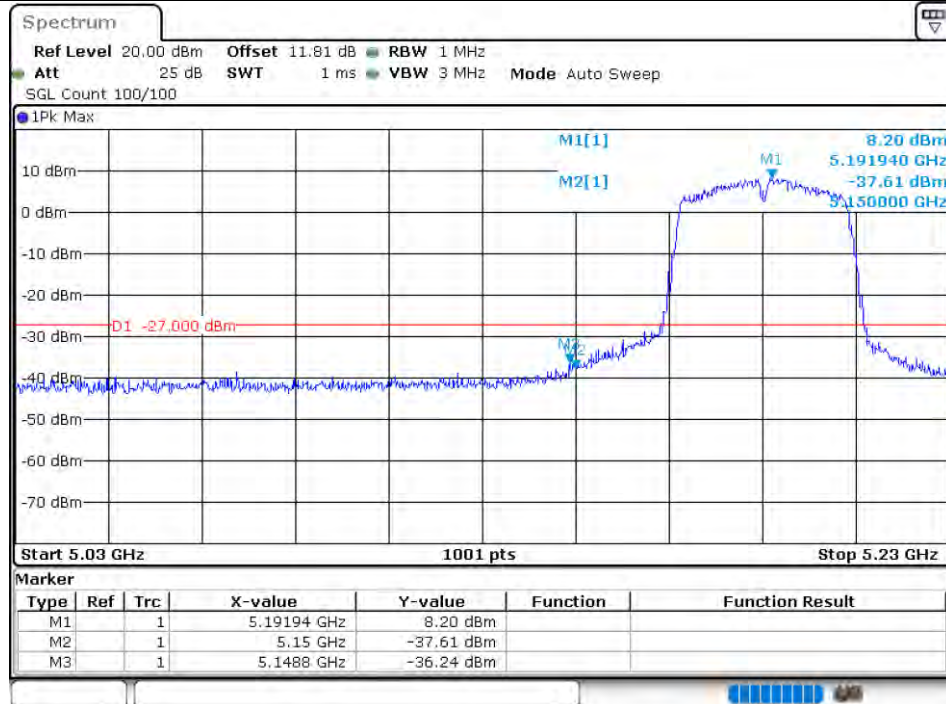
### Band Edge NVNT ac20 5180MHz Low Ant1



### Band Edge NVNT ac20 5240MHz High Ant1



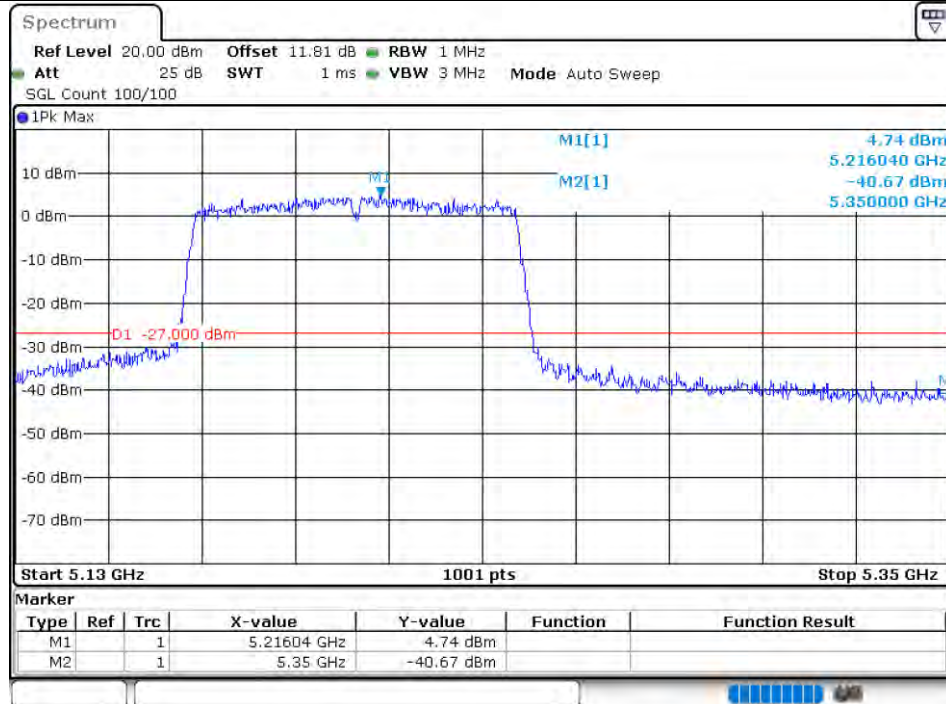
### Band Edge NVNT ac40 5190MHz Low Ant1



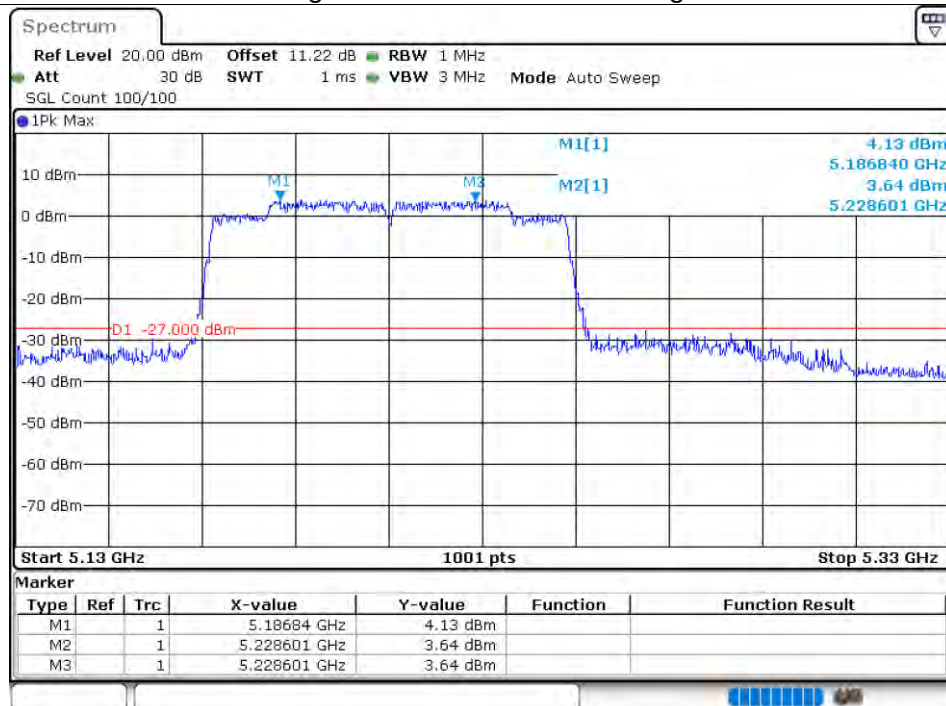
### Band Edge NVNT ac40 5230MHz High Ant1



### Band Edge NVNT ac80 5210MHz High Ant1

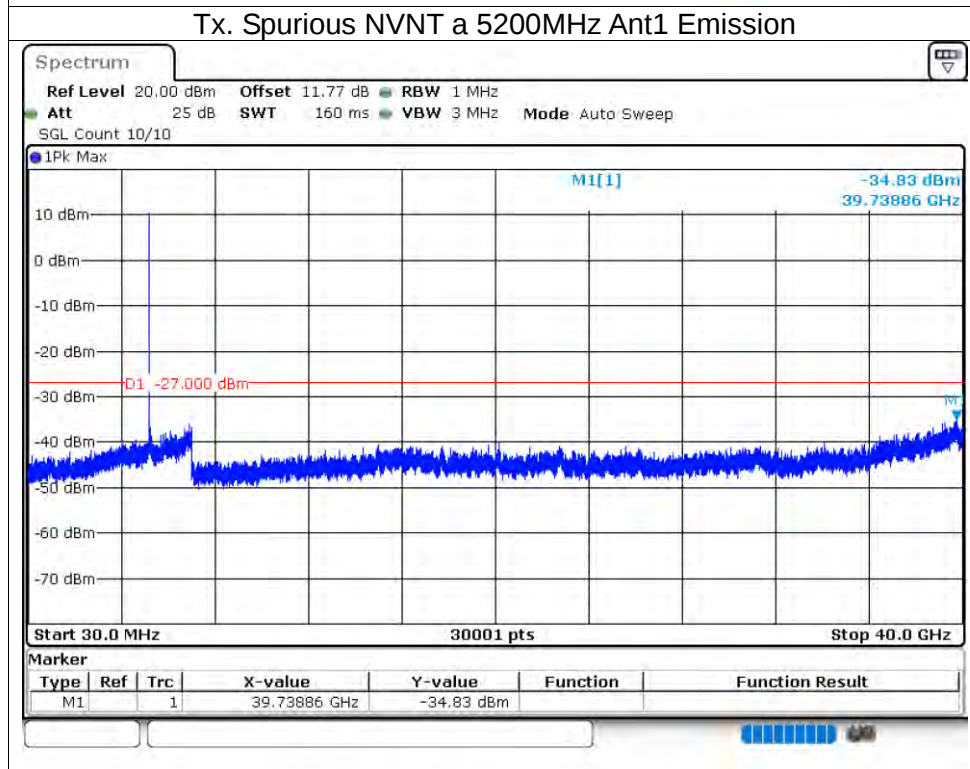
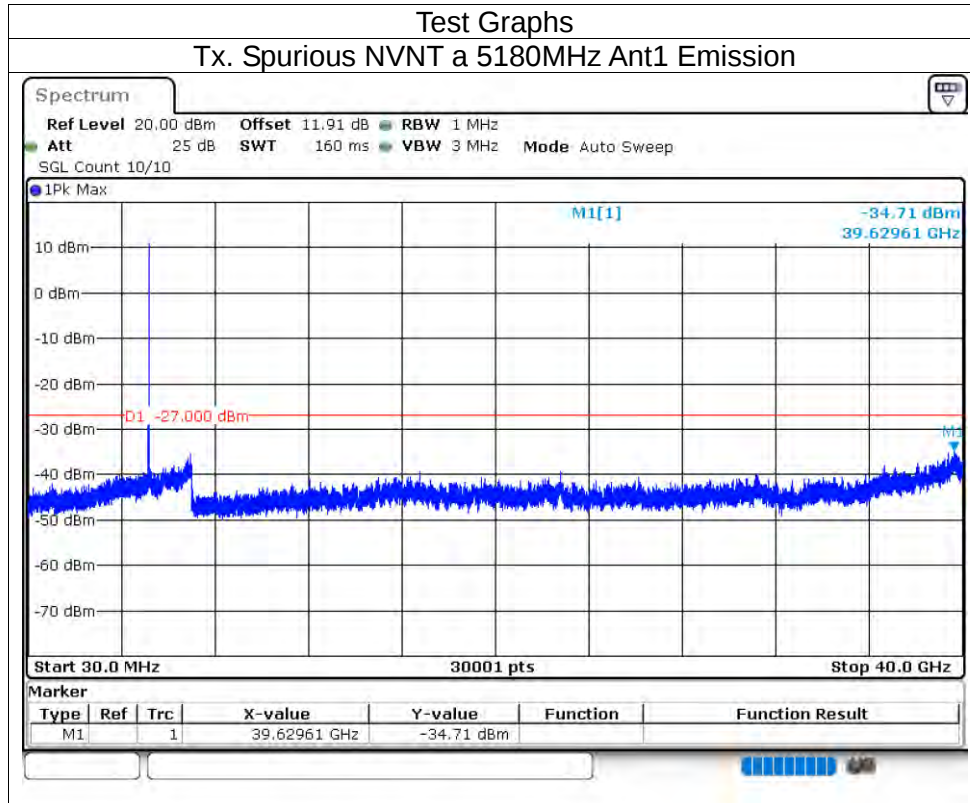


### Band Edge NVNT ax80 5210MHz High Ant1

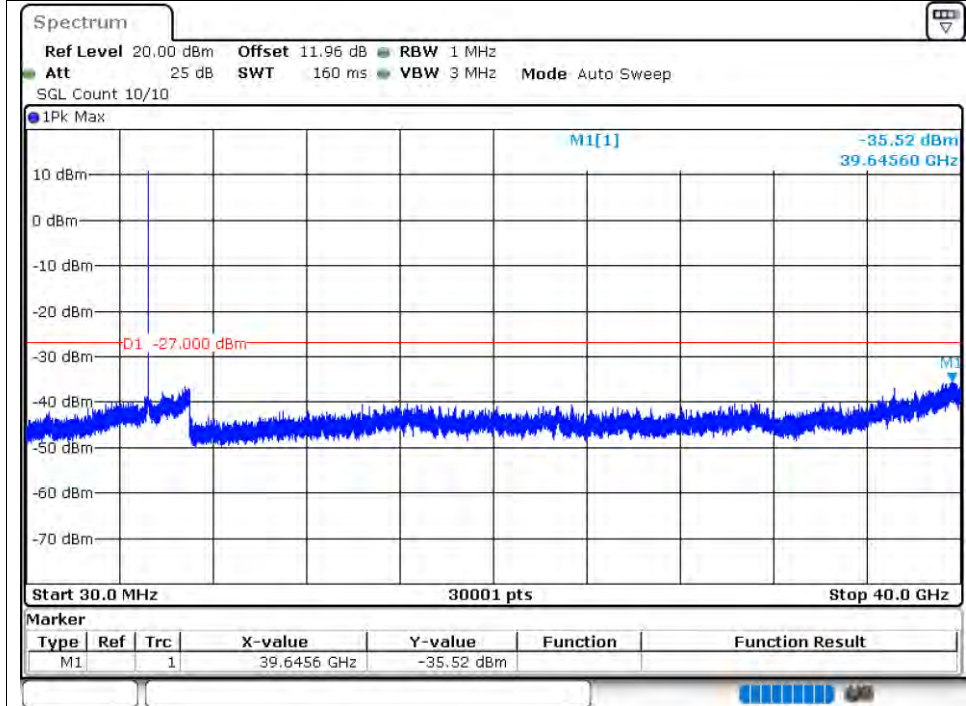


## 5.7 CONDUCTED RF SPURIOUS EMISSION

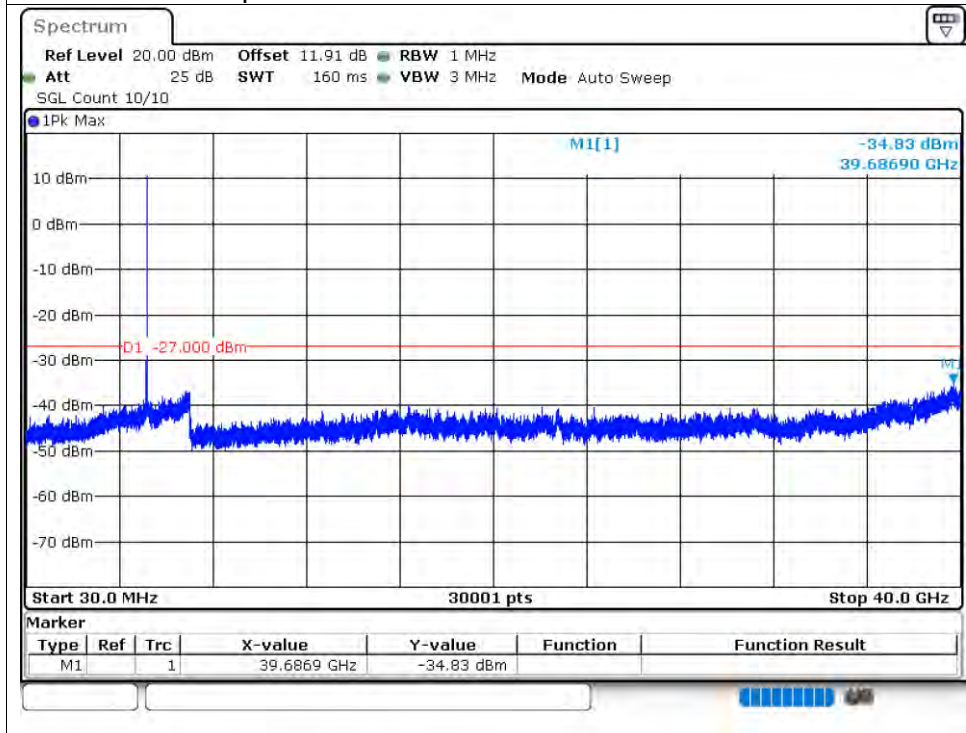
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | -34.7           | -27         | Pass    |
| NVNT      | a    | 5200            | Ant1    | -34.82          | -27         | Pass    |
| NVNT      | a    | 5240            | Ant1    | -35.51          | -27         | Pass    |
| NVNT      | n20  | 5180            | Ant1    | -34.82          | -27         | Pass    |
| NVNT      | n20  | 5200            | Ant1    | -35.36          | -27         | Pass    |
| NVNT      | n20  | 5240            | Ant1    | -34.87          | -27         | Pass    |
| NVNT      | n40  | 5190            | Ant1    | -34.69          | -27         | Pass    |
| NVNT      | n40  | 5230            | Ant1    | -34.01          | -27         | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | -36.22          | -27         | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | -34.73          | -27         | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | -35.46          | -27         | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | -35             | -27         | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | -35.47          | -27         | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | -34.69          | -27         | Pass    |

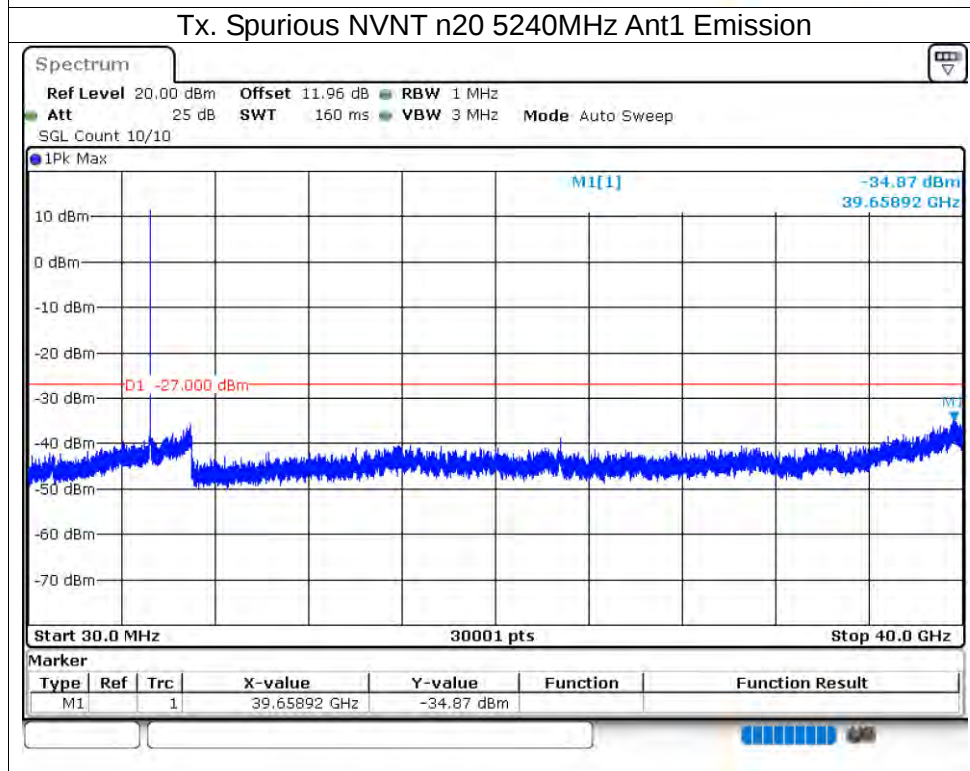
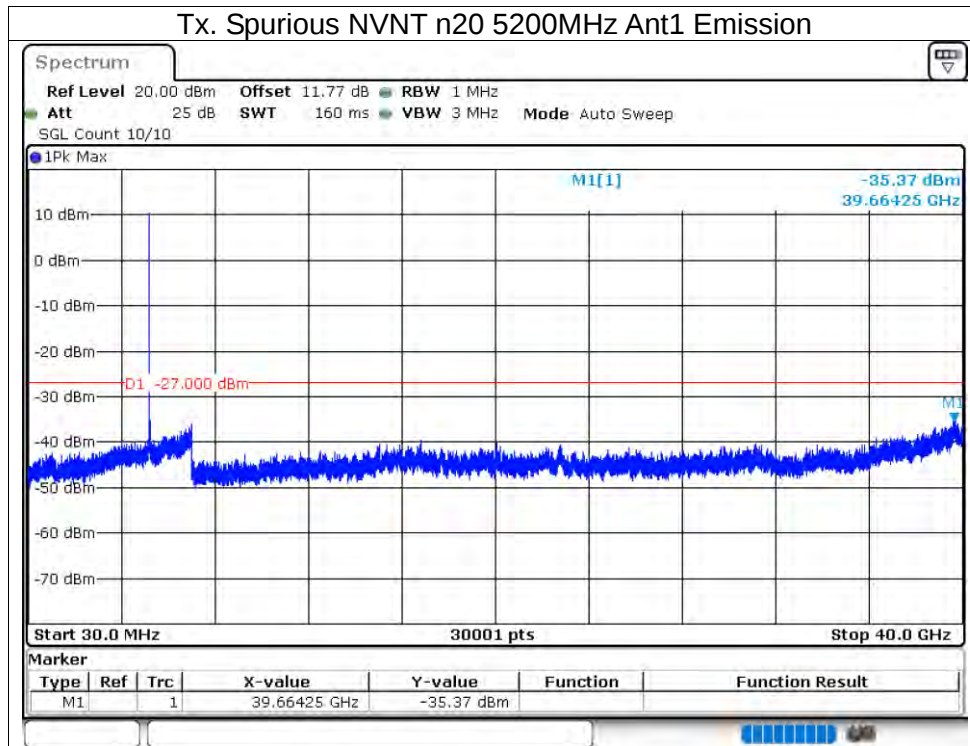


### Tx. Spurious NVNT a 5240MHz Ant1 Emission

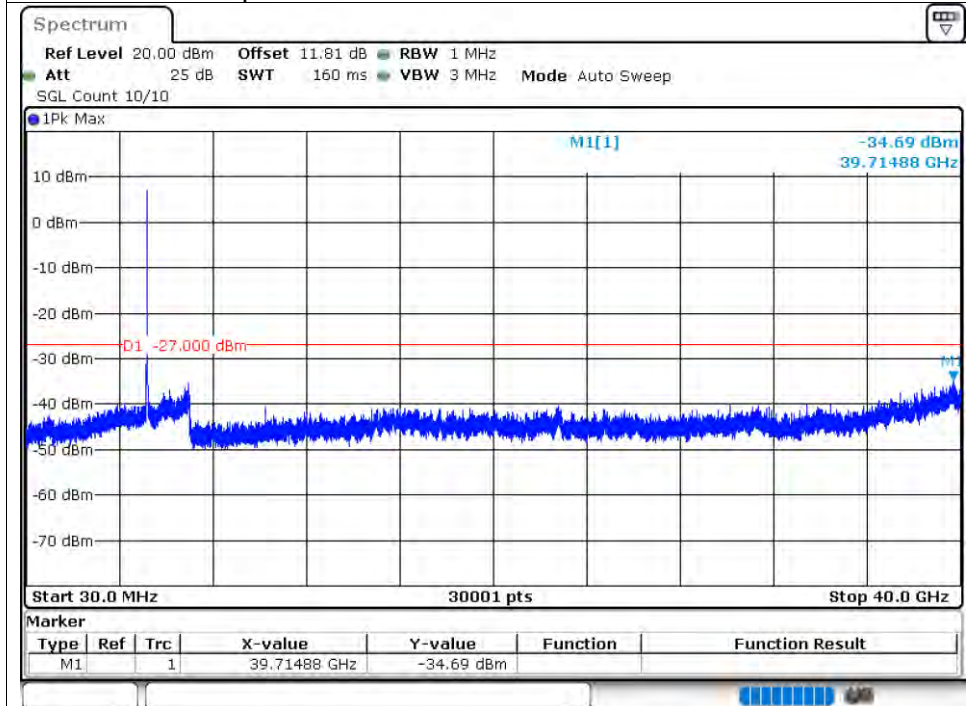


### Tx. Spurious NVNT n20 5180MHz Ant1 Emission

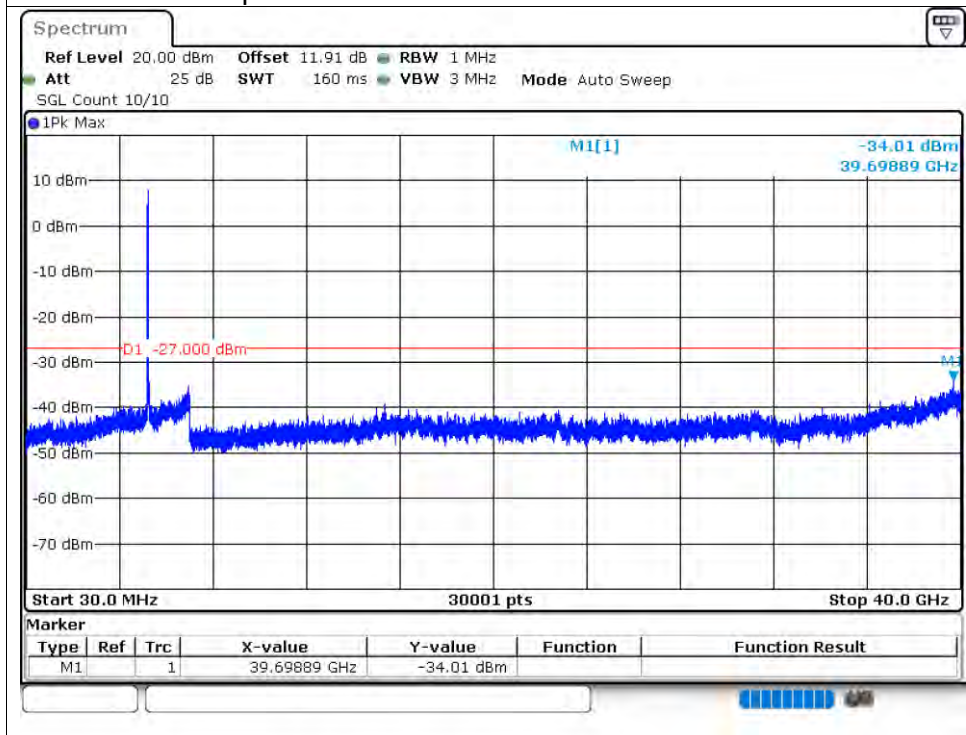


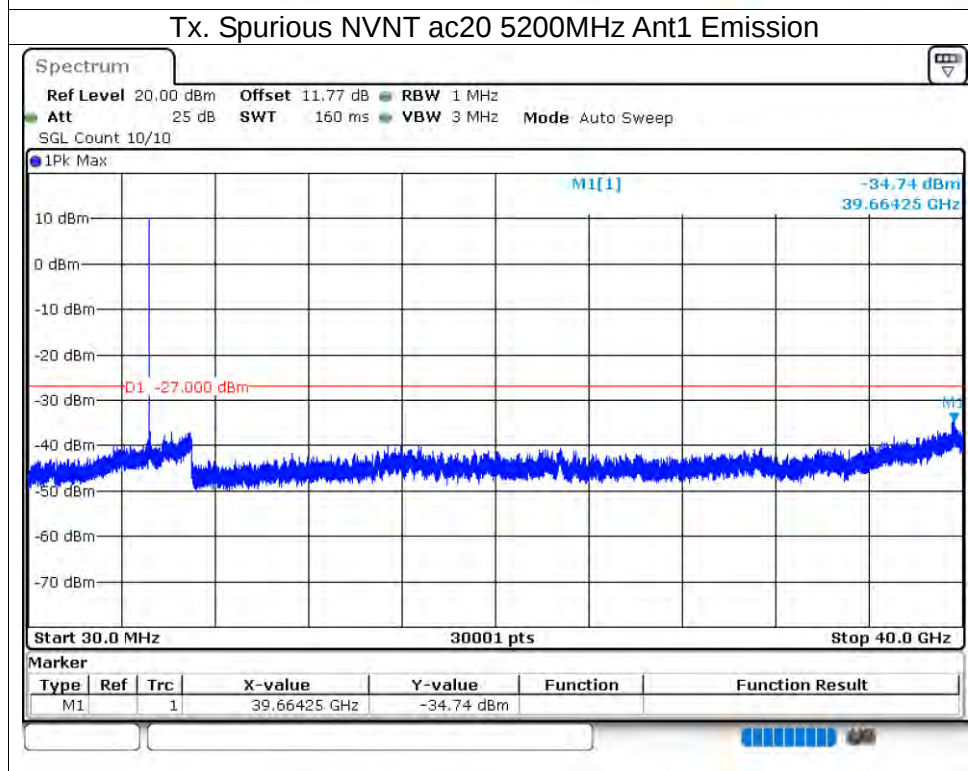
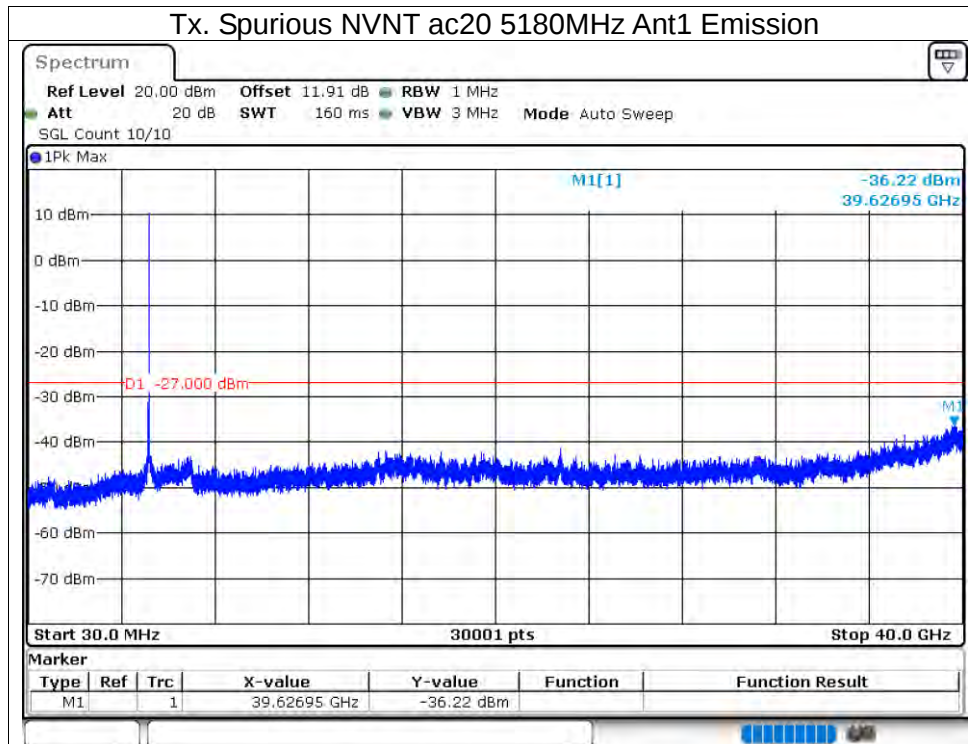


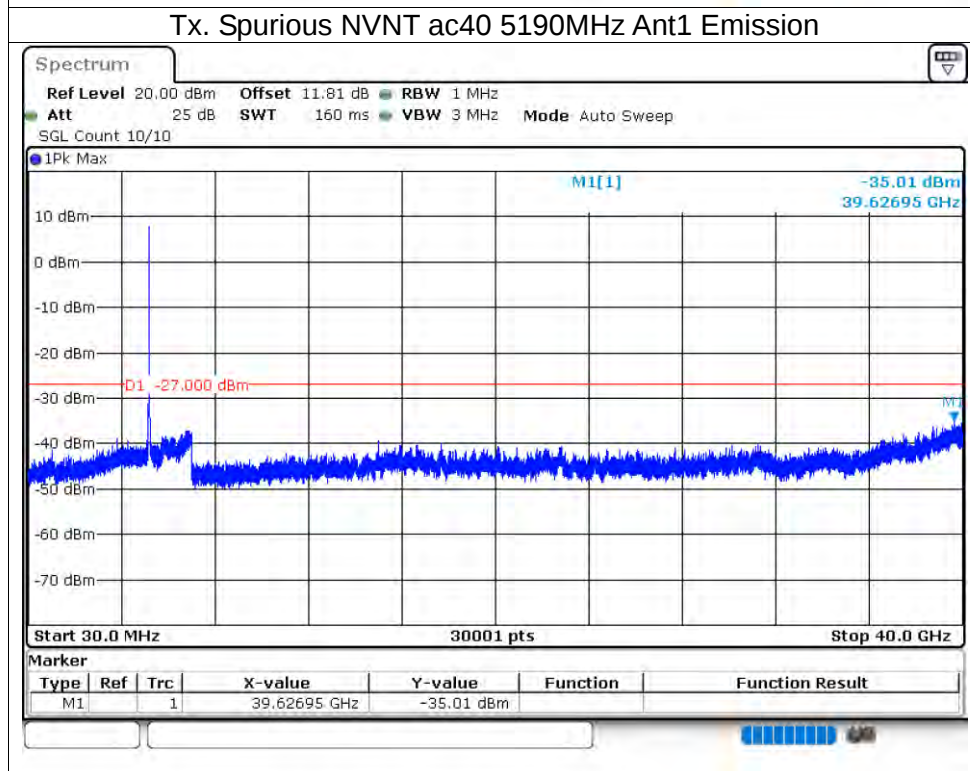
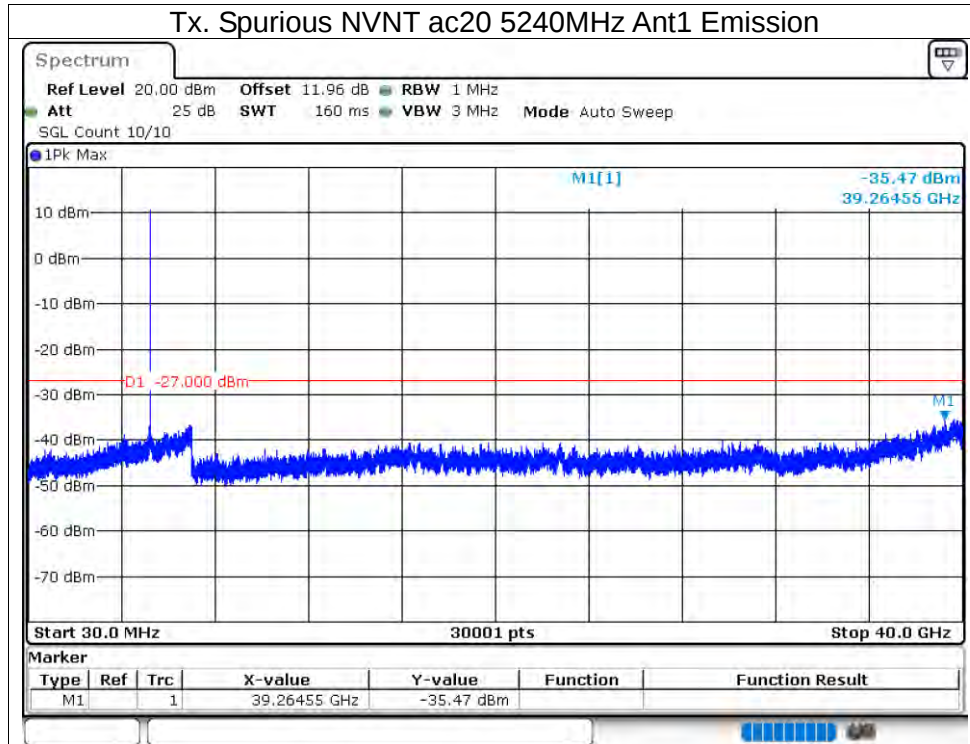
### Tx. Spurious NVNT n40 5190MHz Ant1 Emission



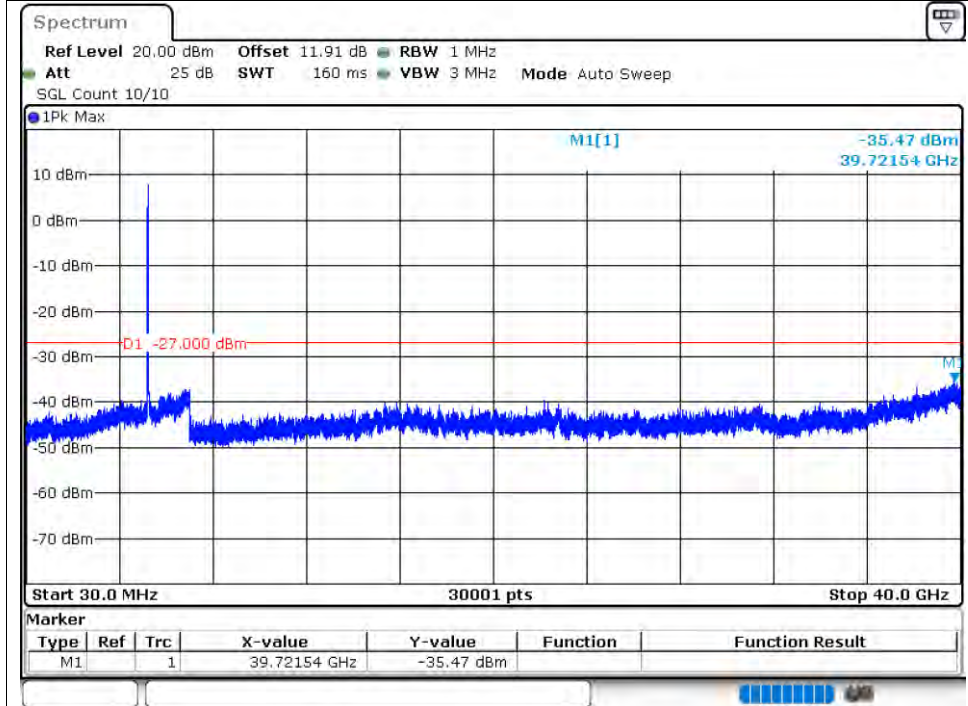
### Tx. Spurious NVNT n40 5230MHz Ant1 Emission



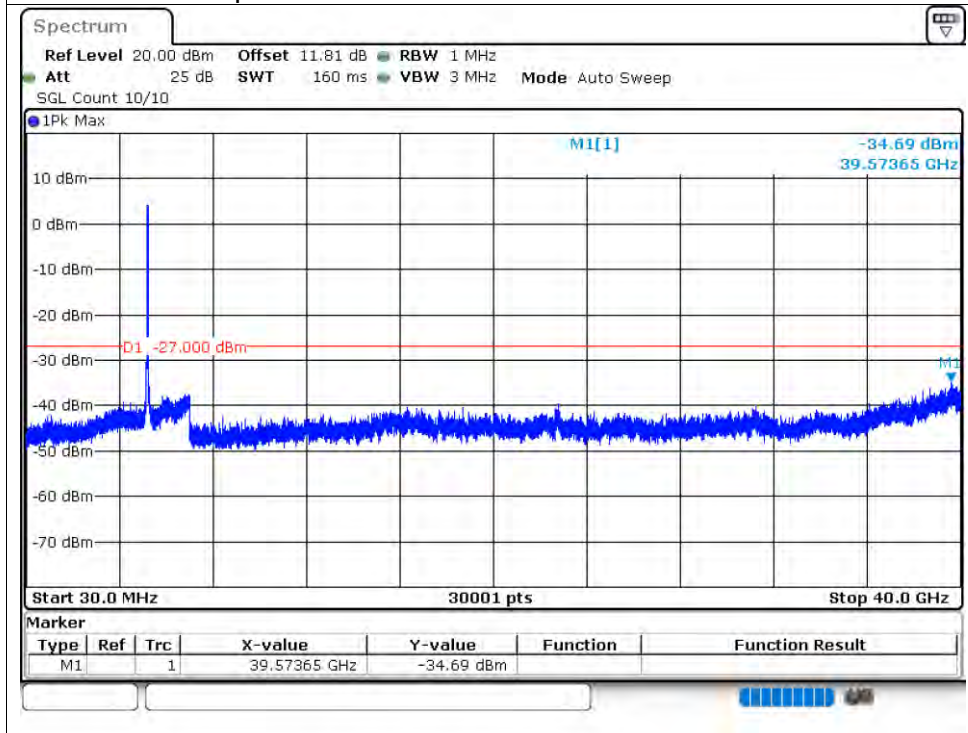




### Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



### Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



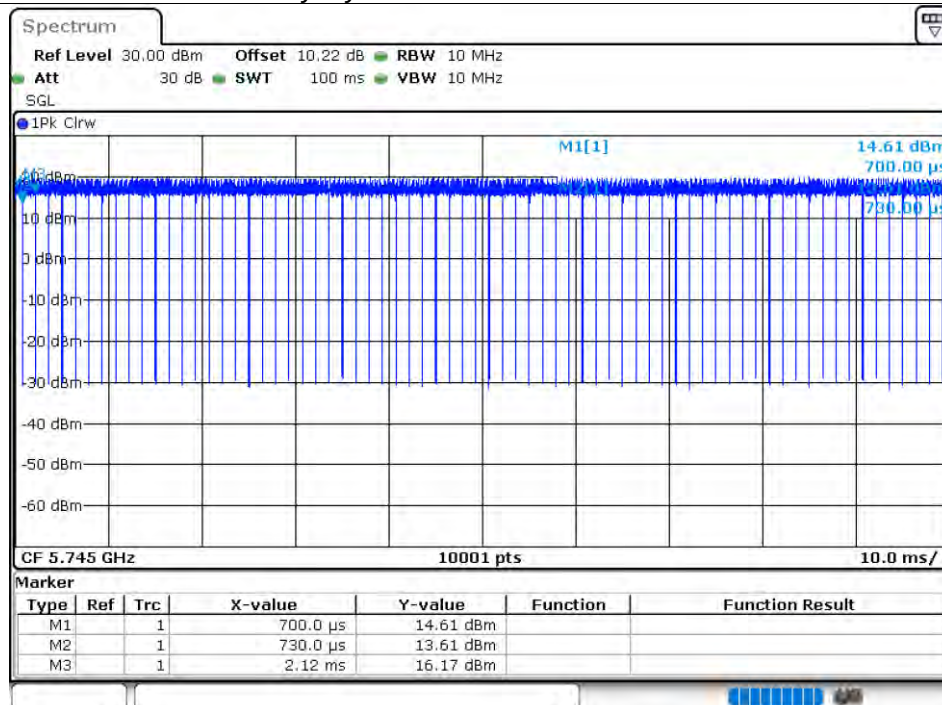
## 5.8G WIFI

### 5.1 DUTY CYCLE

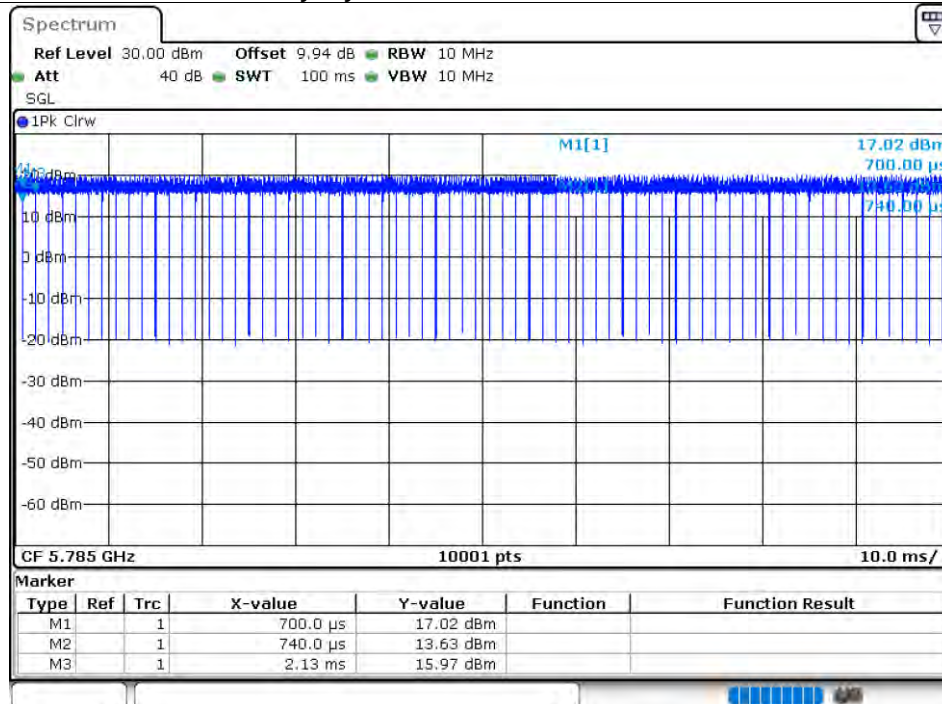
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 98.24          | 0.08                   | 0.72      |
| NVNT      | a    | 5785            | Ant1    | 98.16          | 0.08                   | 0.72      |
| NVNT      | a    | 5825            | Ant1    | 98.22          | 0.08                   | 0.72      |
| NVNT      | n20  | 5745            | Ant1    | 98.04          | 0.09                   | 0.77      |
| NVNT      | n20  | 5785            | Ant1    | 98.03          | 0.09                   | 0.77      |
| NVNT      | n20  | 5825            | Ant1    | 98.11          | 0.08                   | 0.77      |
| NVNT      | n40  | 5755            | Ant1    | 96.35          | 0.16                   | 1.54      |
| NVNT      | n40  | 5795            | Ant1    | 96.31          | 0.16                   | 1.54      |
| NVNT      | ac20 | 5745            | Ant1    | 98.16          | 0.08                   | 0.76      |
| NVNT      | ac20 | 5785            | Ant1    | 98.05          | 0.09                   | 0.76      |
| NVNT      | ac20 | 5825            | Ant1    | 98.14          | 0.08                   | 0.76      |
| NVNT      | ac40 | 5755            | Ant1    | 96.34          | 0.16                   | 1.54      |
| NVNT      | ac40 | 5795            | Ant1    | 96.31          | 0.16                   | 1.54      |
| NVNT      | ac80 | 5775            | Ant1    | 92.83          | 0.32                   | 3.12      |

### Test Graphs

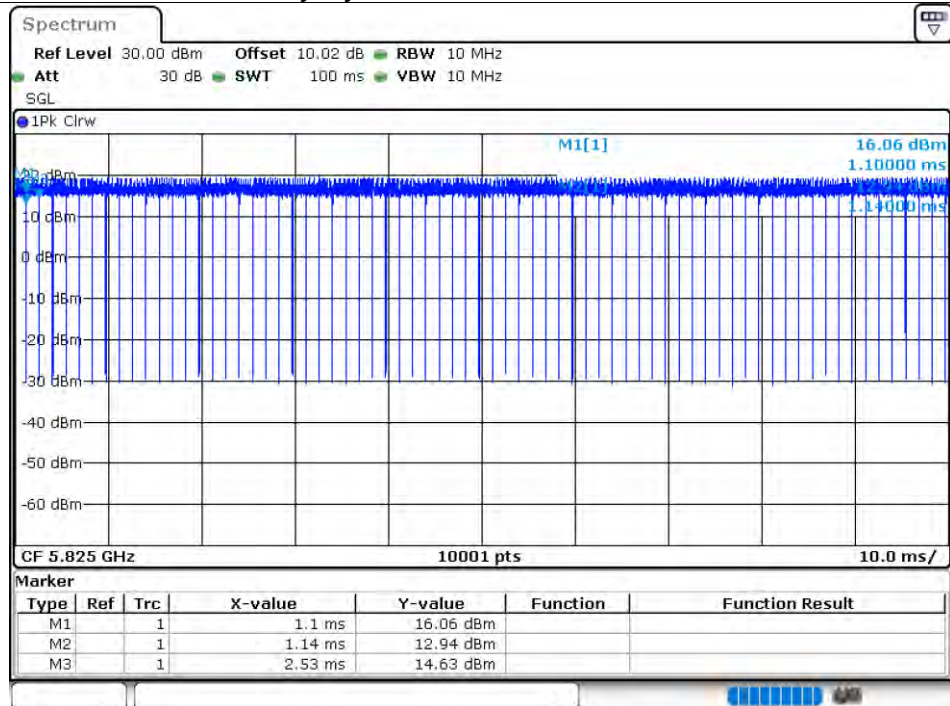
#### Duty Cycle NVNT a 5745MHz Ant1



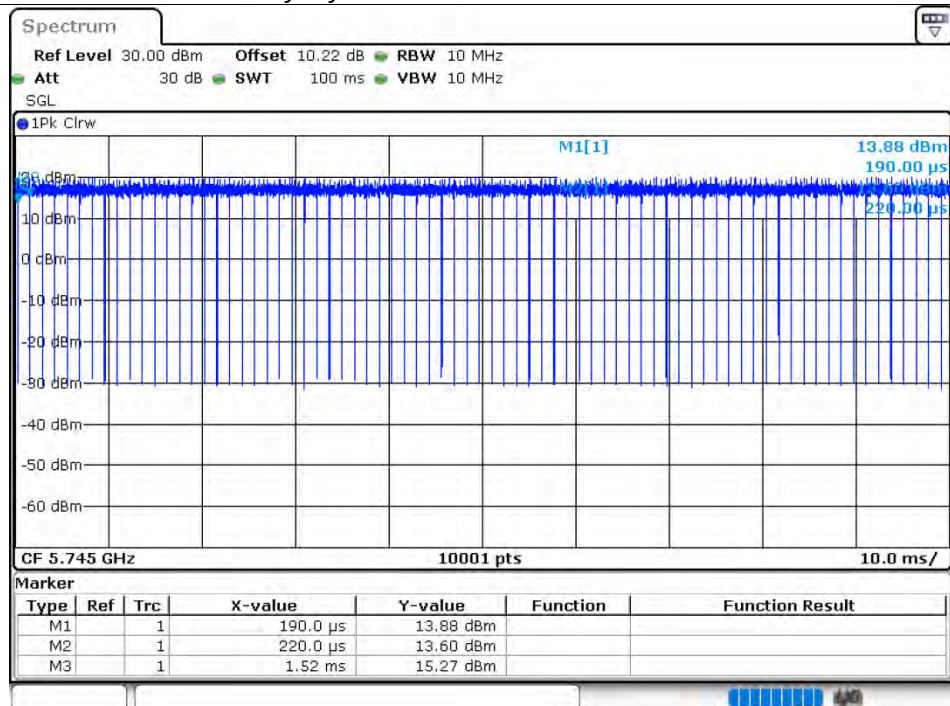
#### Duty Cycle NVNT a 5785MHz Ant1



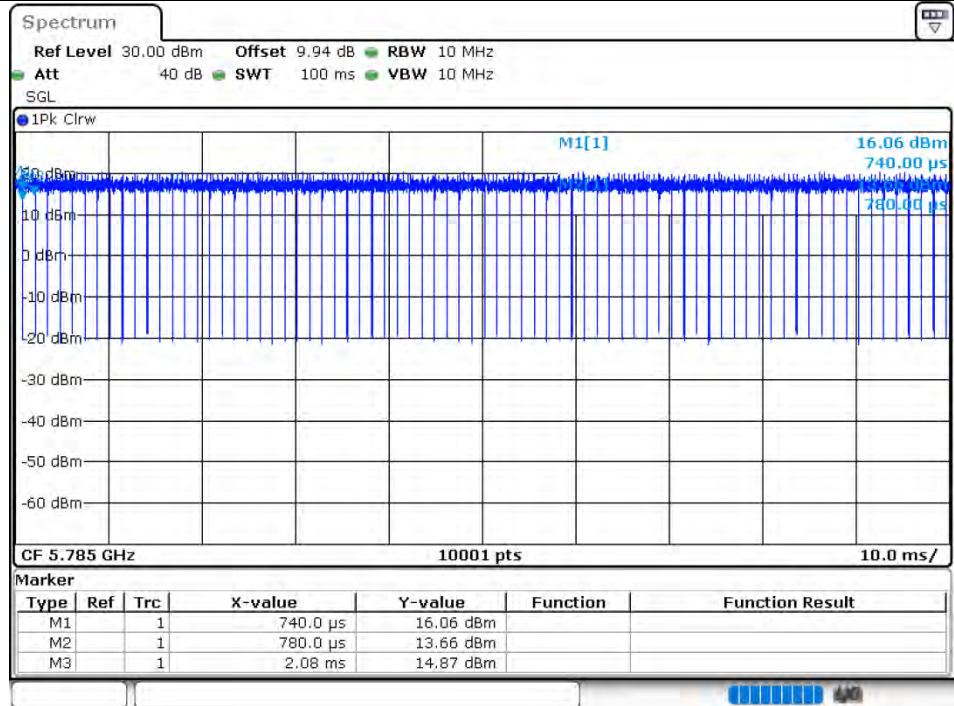
### Duty Cycle NVNT a 5825MHz Ant1



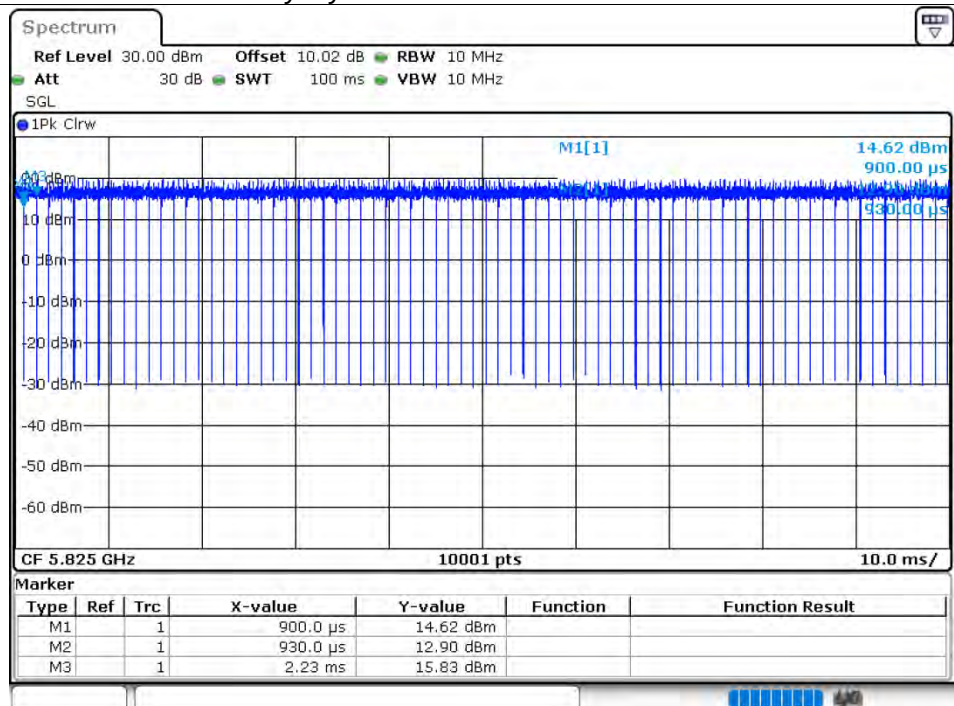
### Duty Cycle NVNT n20 5745MHz Ant1



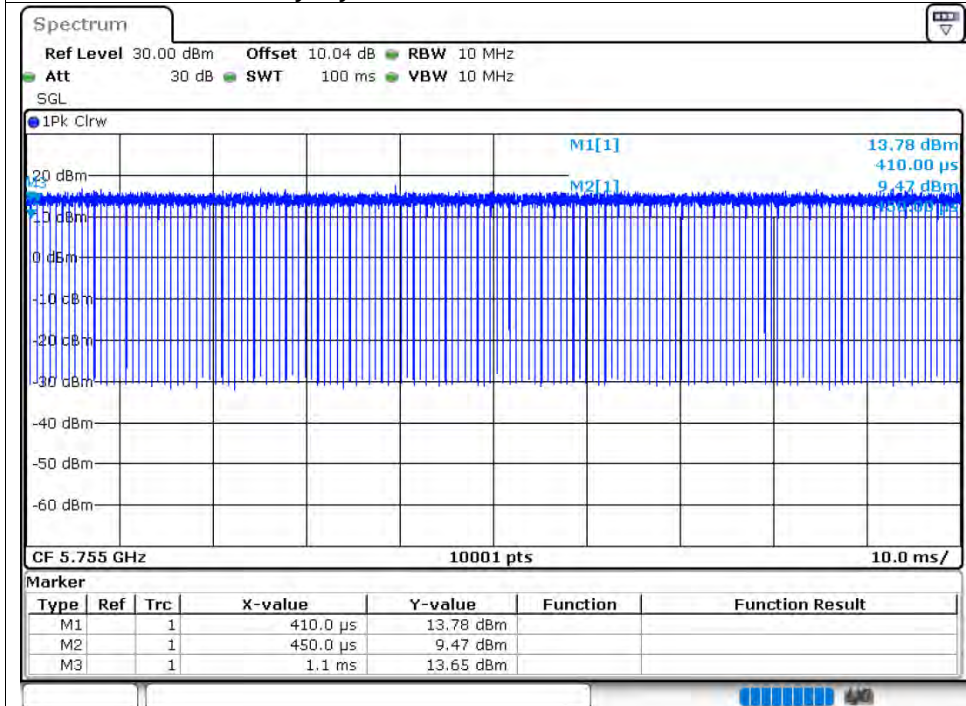
### Duty Cycle NVNT n20 5785MHz Ant1



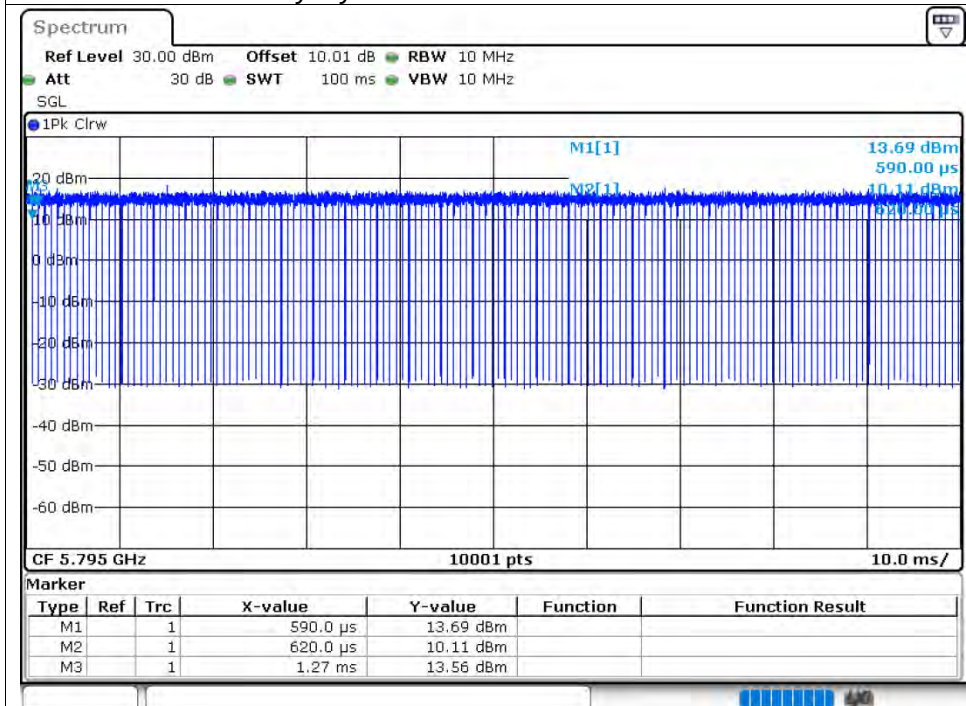
### Duty Cycle NVNT n20 5825MHz Ant1



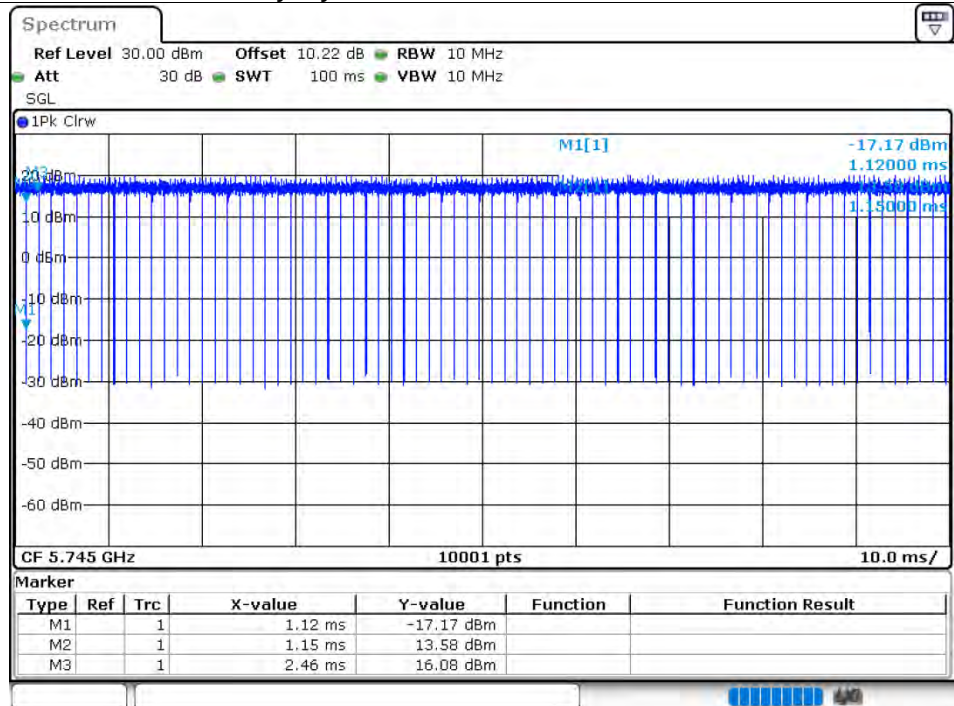
### Duty Cycle NVNT n40 5755MHz Ant1



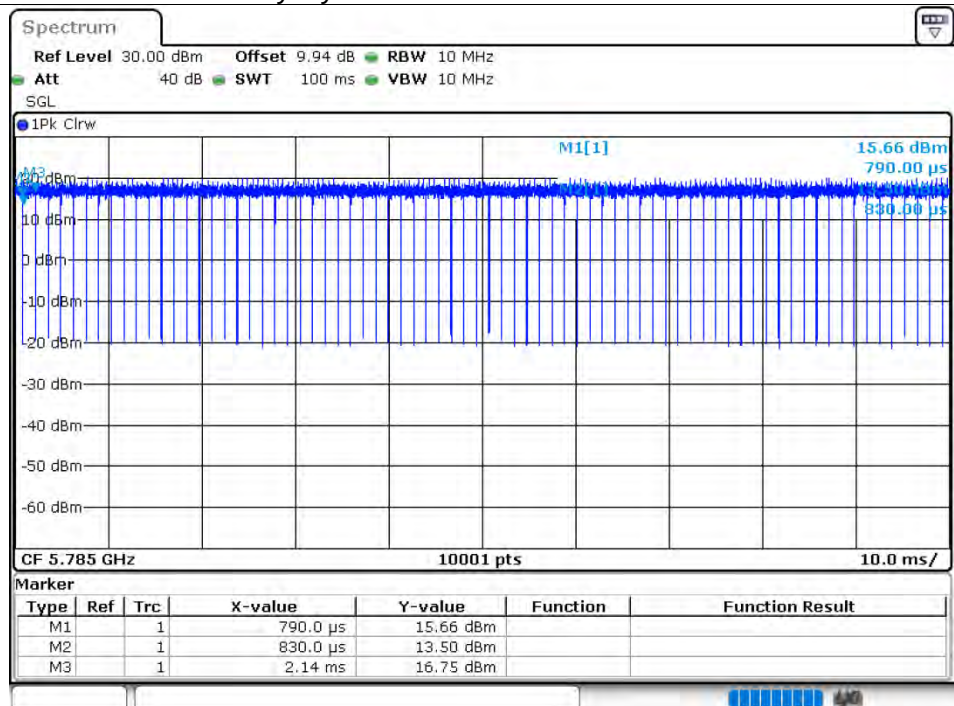
### Duty Cycle NVNT n40 5795MHz Ant1



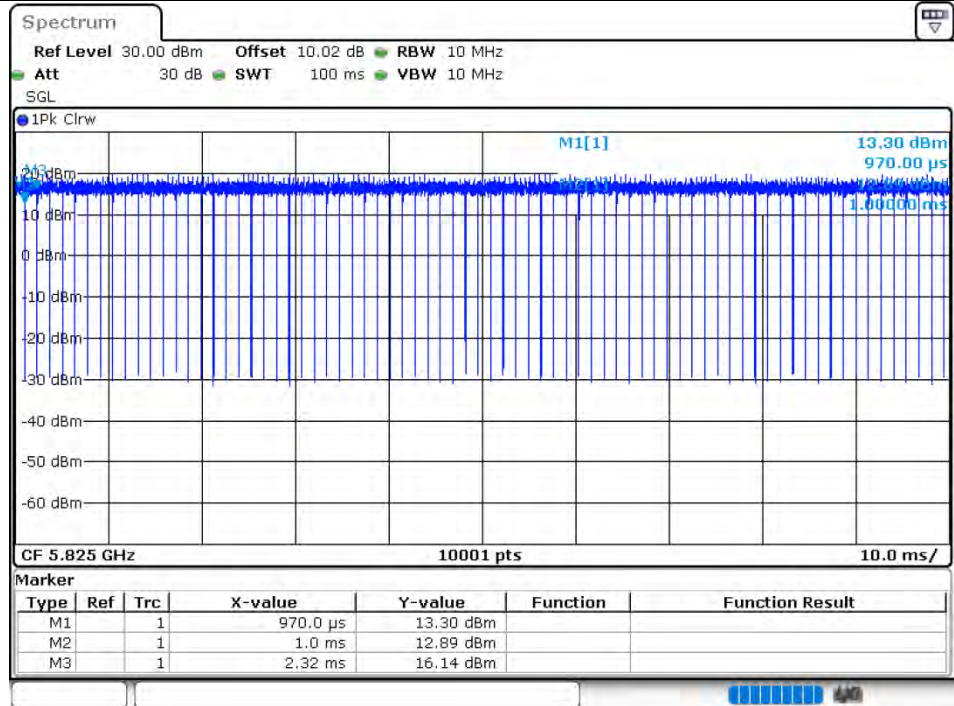
### Duty Cycle NVNT ac20 5745MHz Ant1



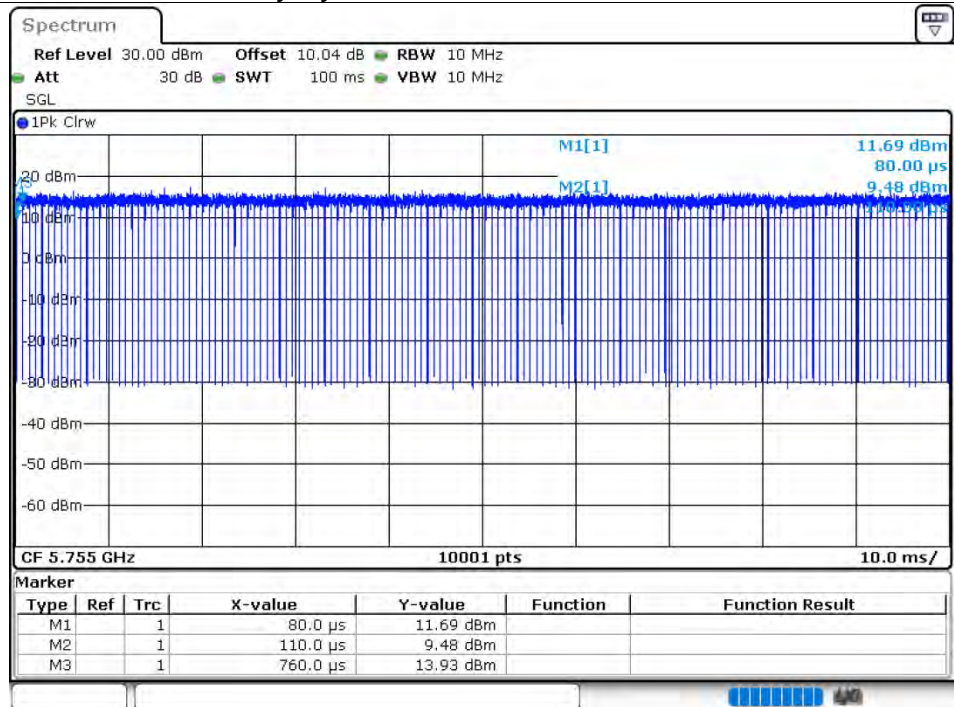
### Duty Cycle NVNT ac20 5785MHz Ant1



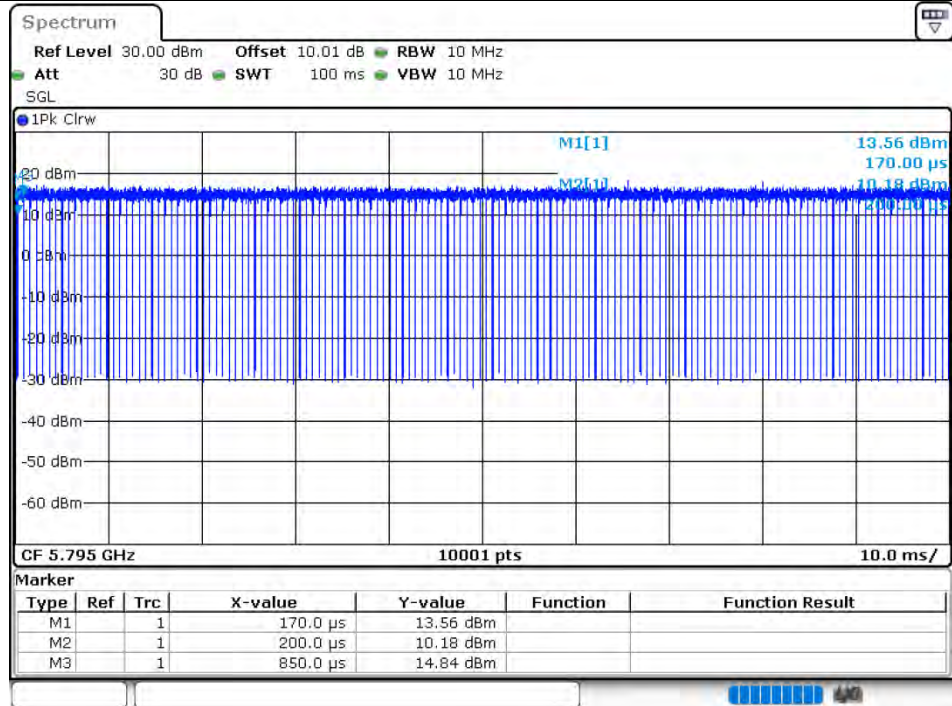
### Duty Cycle NVNT ac20 5825MHz Ant1



### Duty Cycle NVNT ac40 5755MHz Ant1



### Duty Cycle NVNT ac40 5795MHz Ant1



### Duty Cycle NVNT ac80 5775MHz Ant1



## 5.2 MAXIMUM CONDUCTED OUTPUT POWER

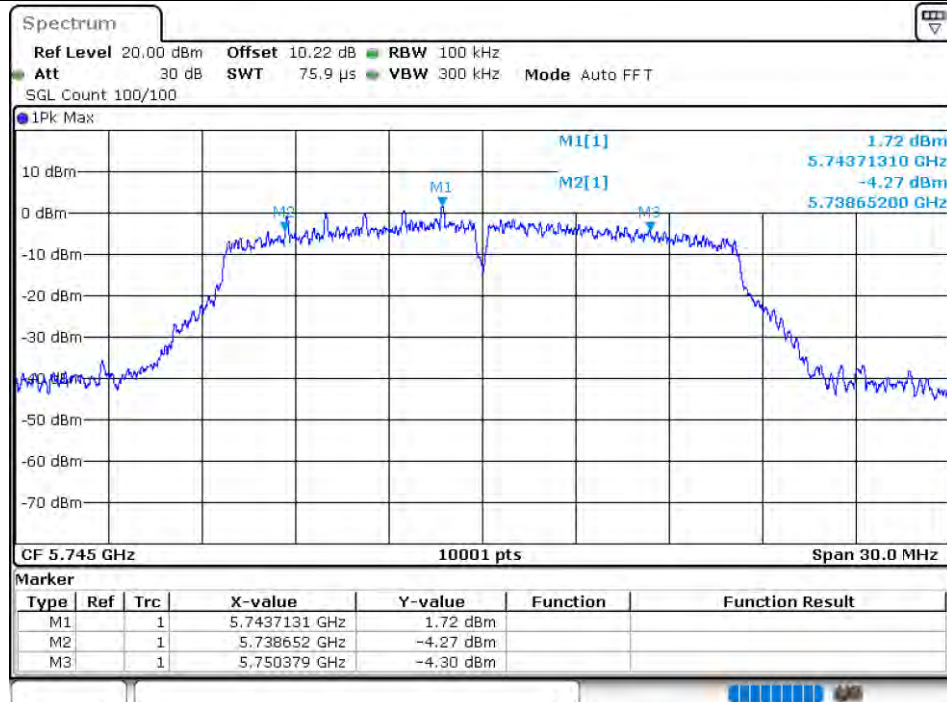
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 10.36                 | 0.08             | 10.44             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 10.57                 | 0.08             | 10.65             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 10.22                 | 0.08             | 10.3              | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 10.2                  | 0.09             | 10.29             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 10.41                 | 0.09             | 10.5              | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 10.1                  | 0.08             | 10.18             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 10.4                  | 0.16             | 10.56             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 10.6                  | 0.16             | 10.76             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 10.22                 | 0.08             | 10.3              | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 10.42                 | 0.09             | 10.51             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 10.08                 | 0.08             | 10.16             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 10.28                 | 0.16             | 10.44             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 10.57                 | 0.16             | 10.73             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 10.12                 | 0.32             | 10.44             | 30          | Pass    |

### 5.3 -6DB BANDWIDTH

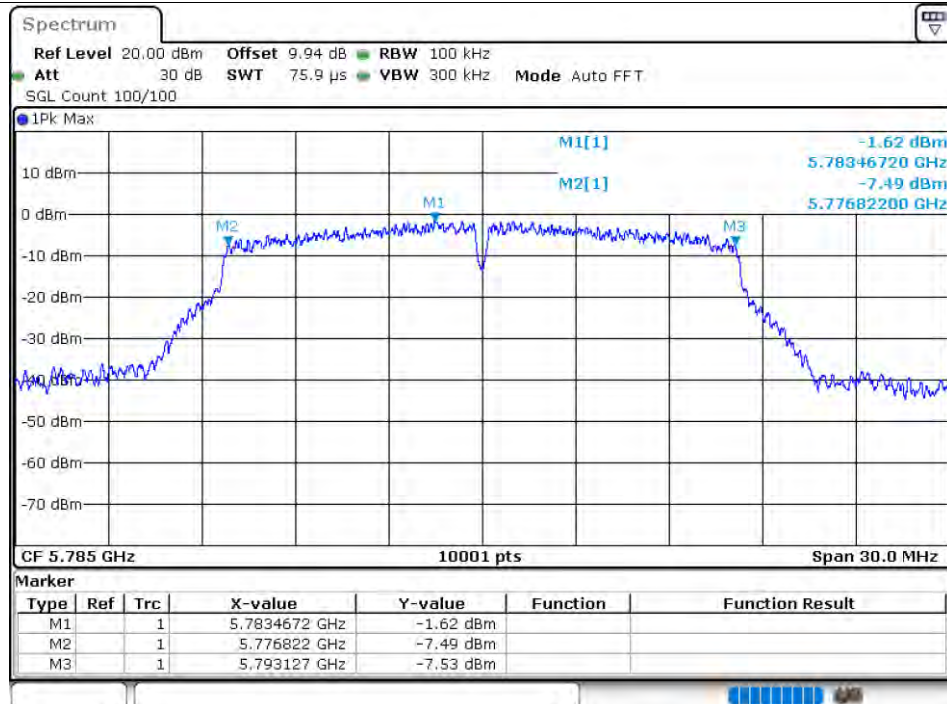
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 11.727                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.305                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.29                 | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 16.893                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 15.504                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 12.642                | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 33.852                | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 25.086                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.046                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.544                | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.154                | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 25.122                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.052                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.912                | 0.5                         | Pass    |

### Test Graphs

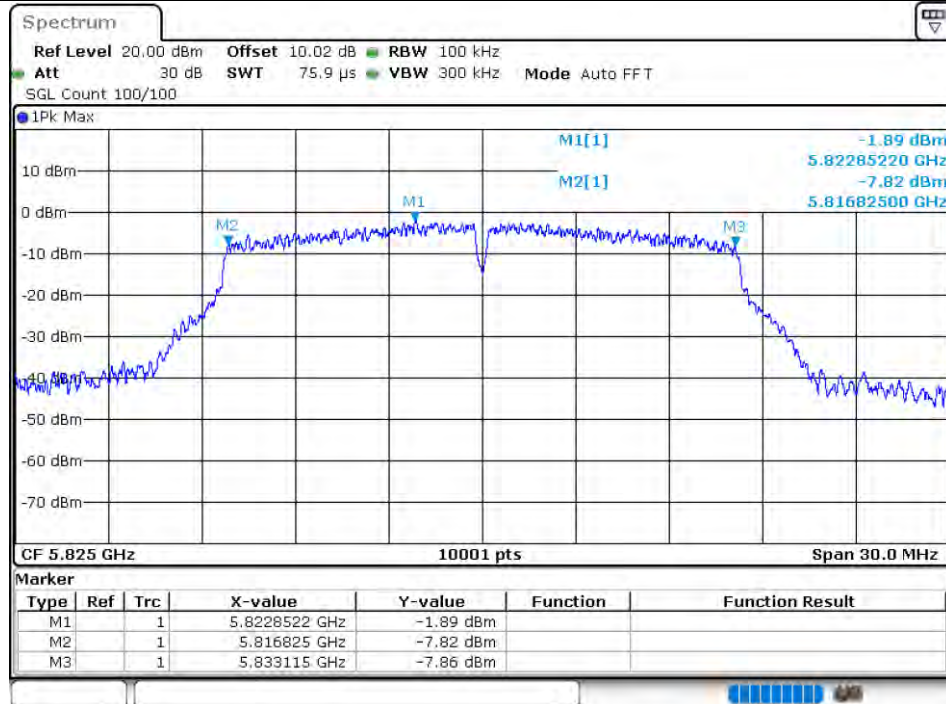
#### -6dB Bandwidth NVNT a 5745MHz Ant1



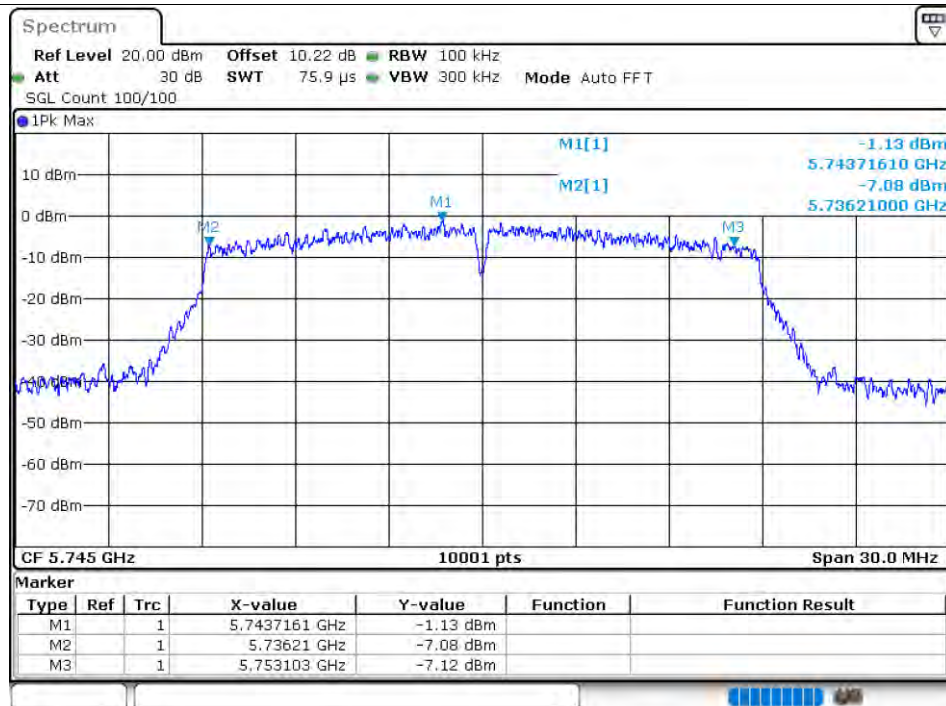
#### -6dB Bandwidth NVNT a 5785MHz Ant1



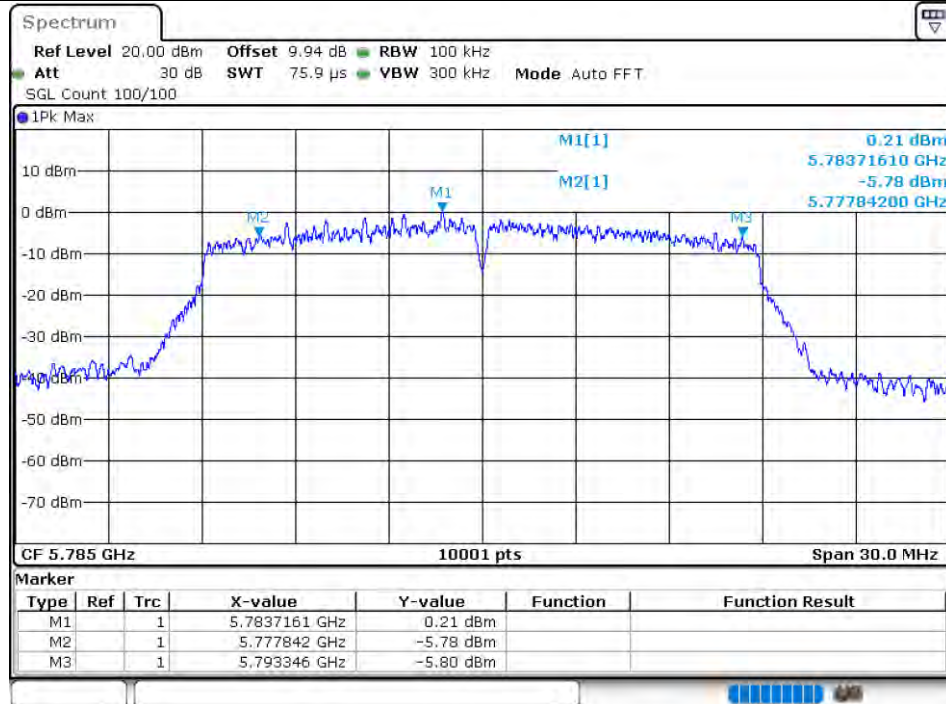
### -6dB Bandwidth NVNT a 5825MHz Ant1



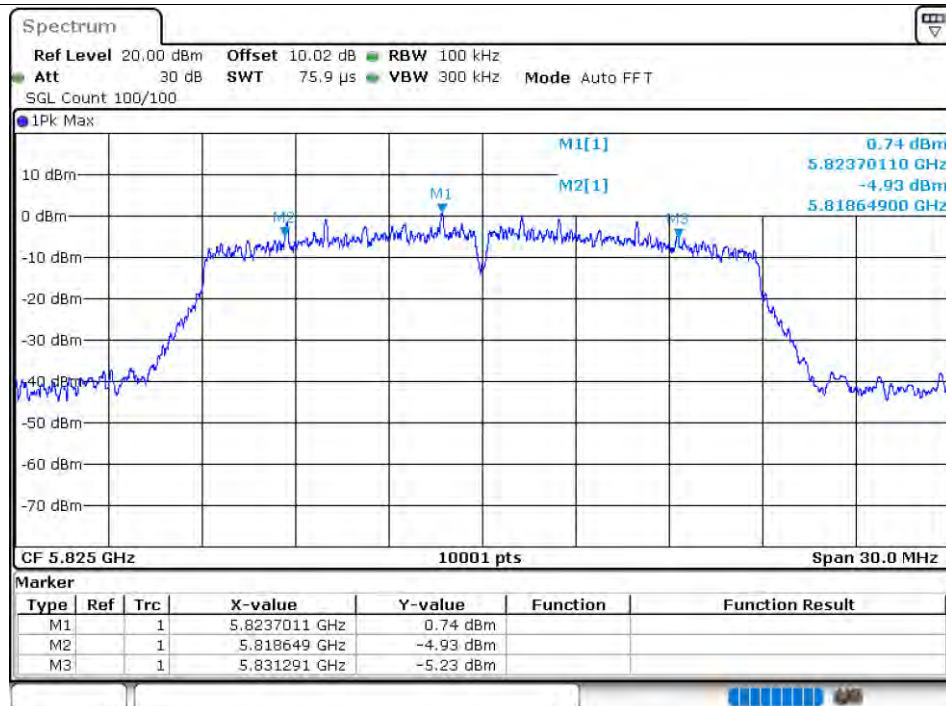
### -6dB Bandwidth NVNT n20 5745MHz Ant1



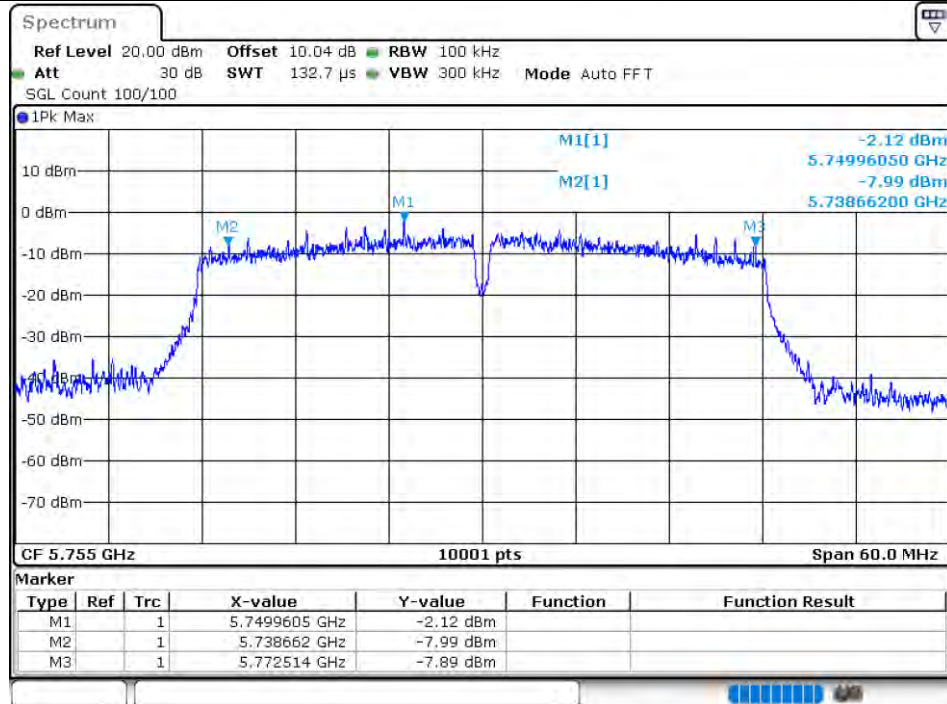
### -6dB Bandwidth NVNT n20 5785MHz Ant1



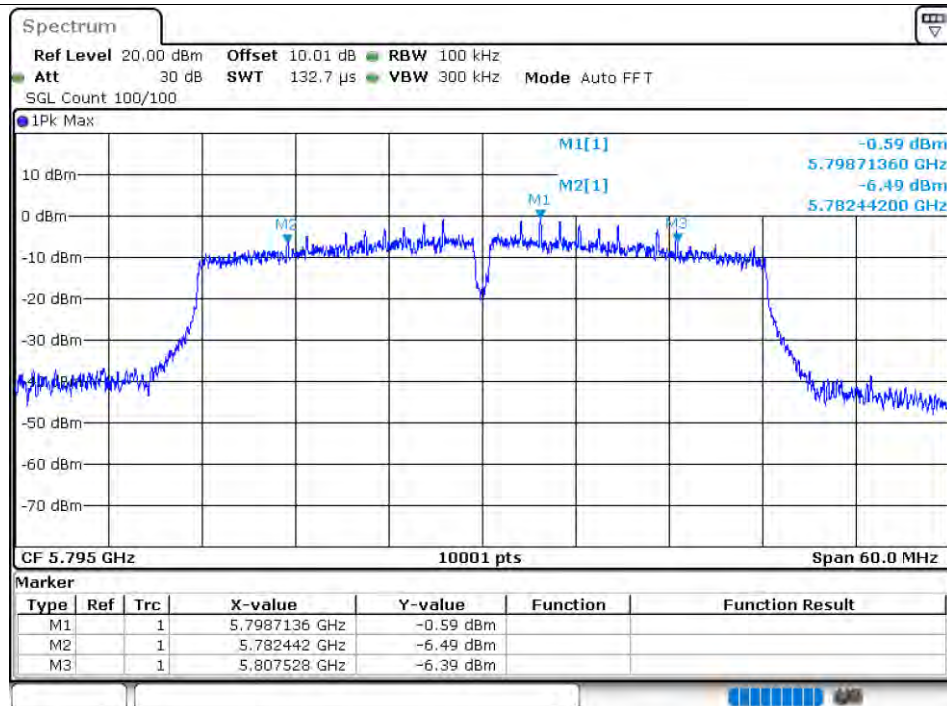
### -6dB Bandwidth NVNT n20 5825MHz Ant1



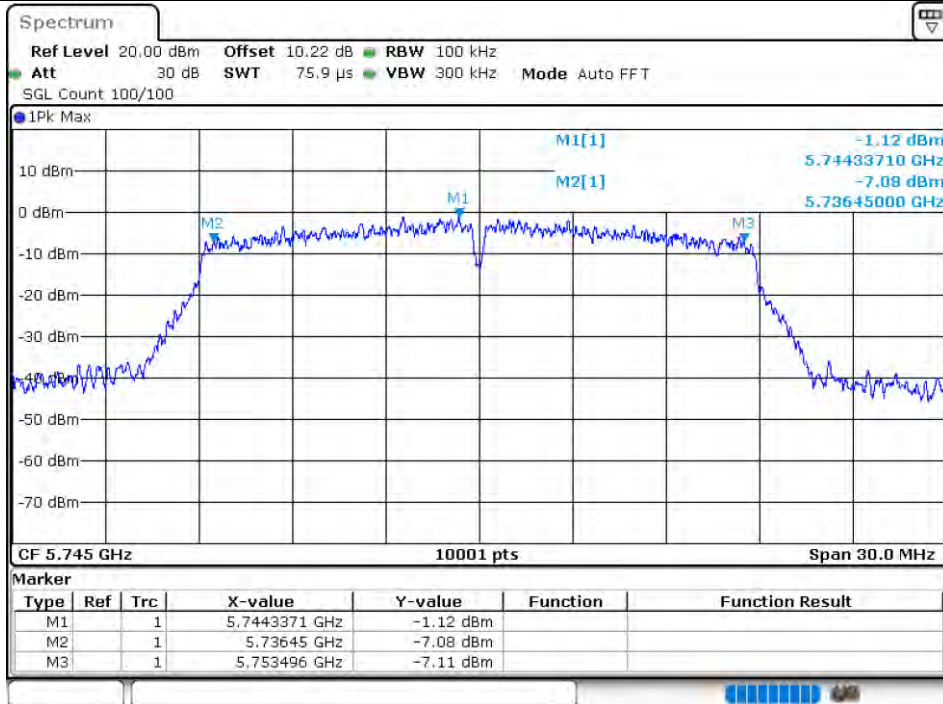
### -6dB Bandwidth NVNT n40 5755MHz Ant1



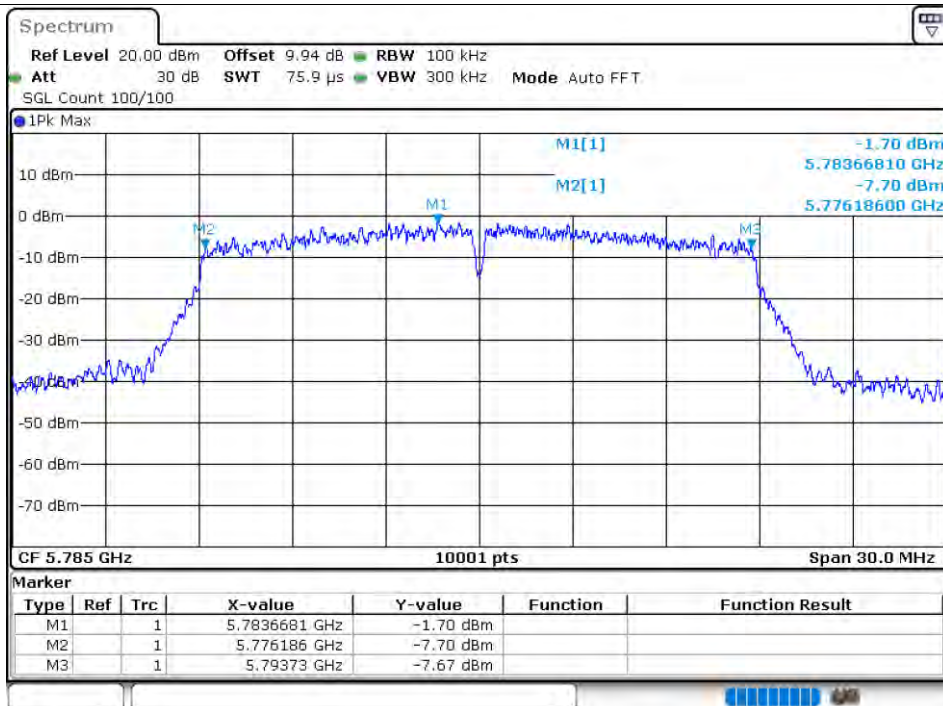
### -6dB Bandwidth NVNT n40 5795MHz Ant1



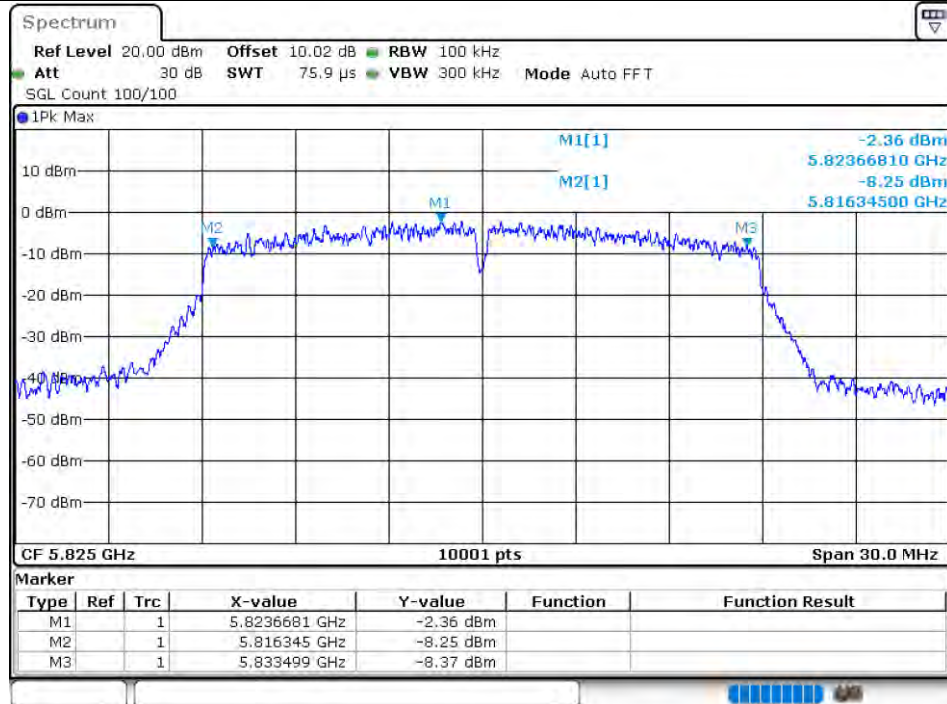
### -6dB Bandwidth NVNT ac20 5745MHz Ant1



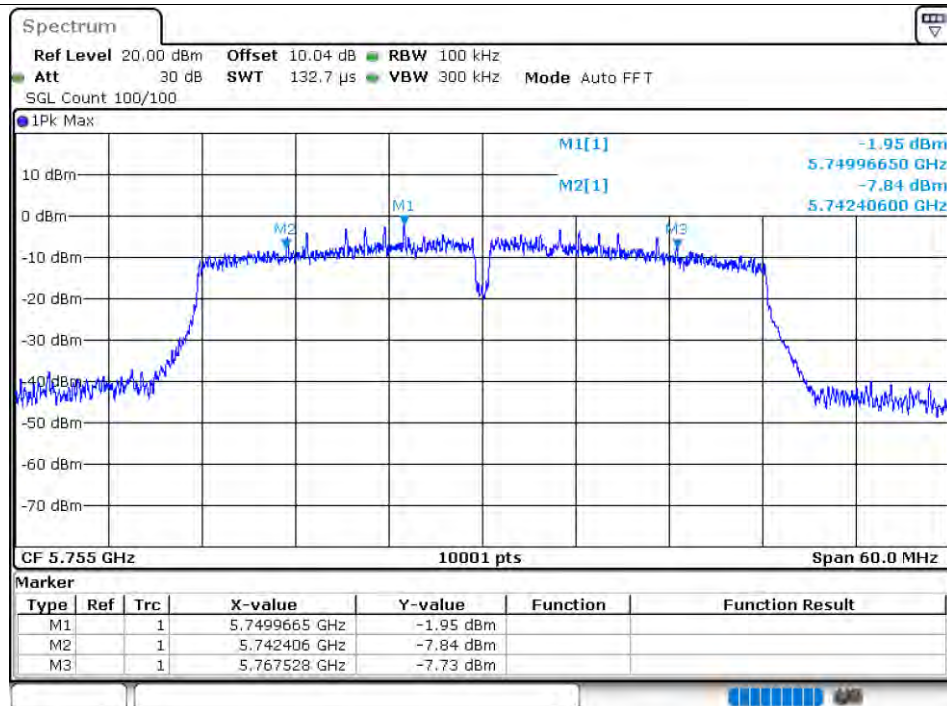
### -6dB Bandwidth NVNT ac20 5785MHz Ant1



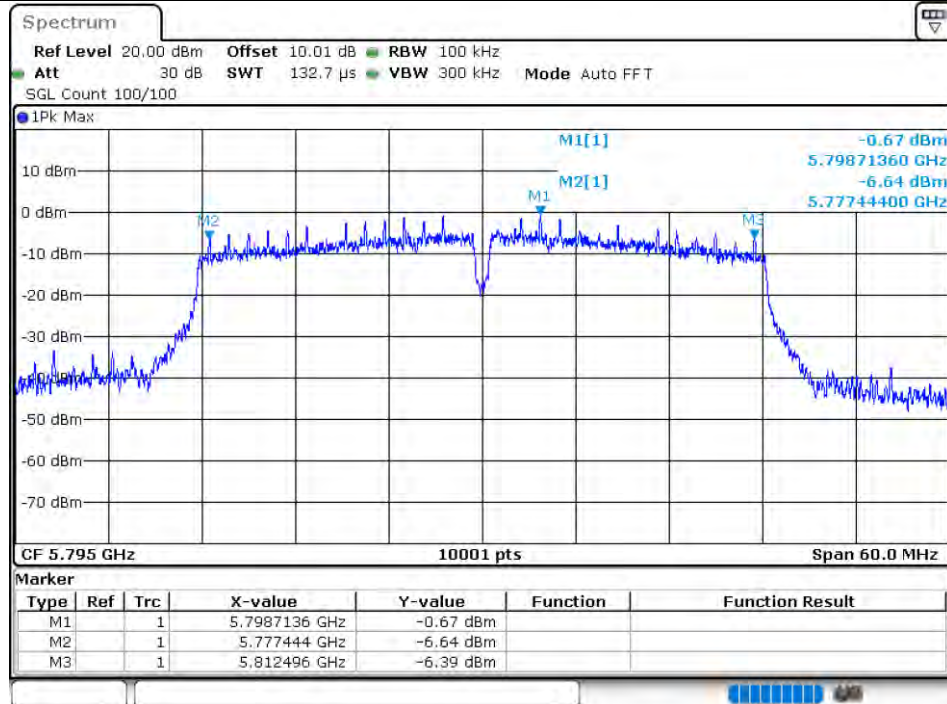
### -6dB Bandwidth NVNT ac20 5825MHz Ant1



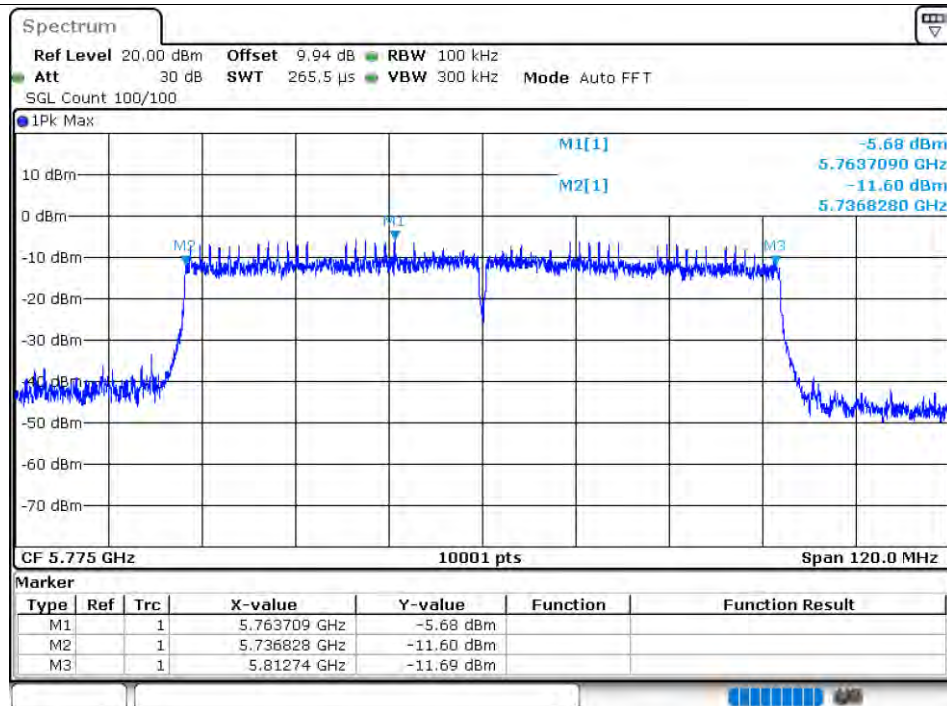
### -6dB Bandwidth NVNT ac40 5755MHz Ant1



### -6dB Bandwidth NVNT ac40 5795MHz Ant1



### -6dB Bandwidth NVNT ac80 5775MHz Ant1

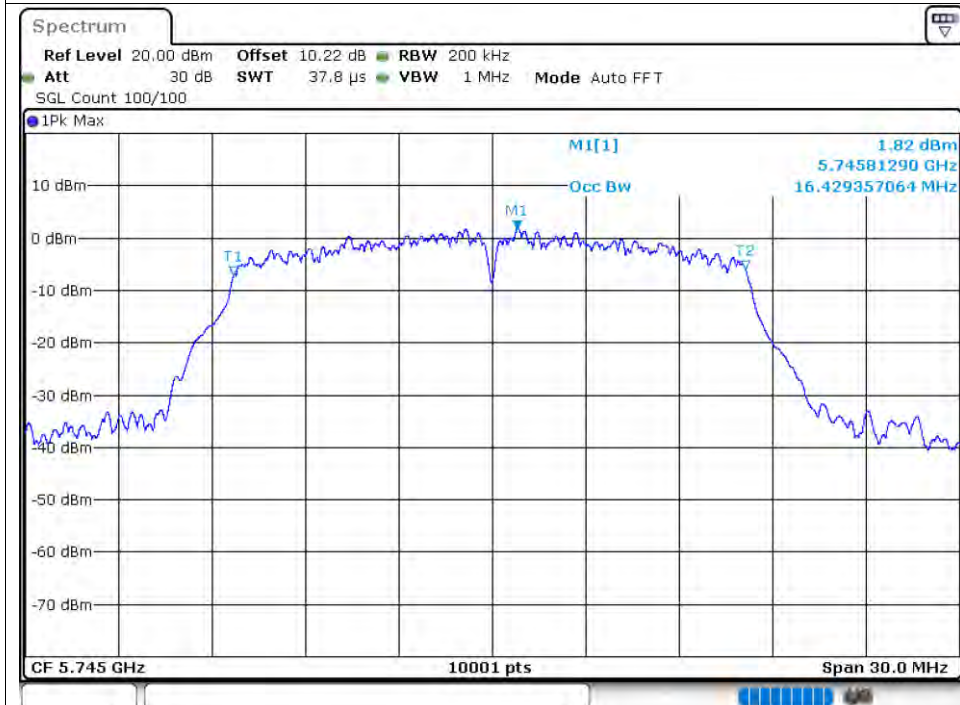


## 5.4 OCCUPIED CHANNEL BANDWIDTH

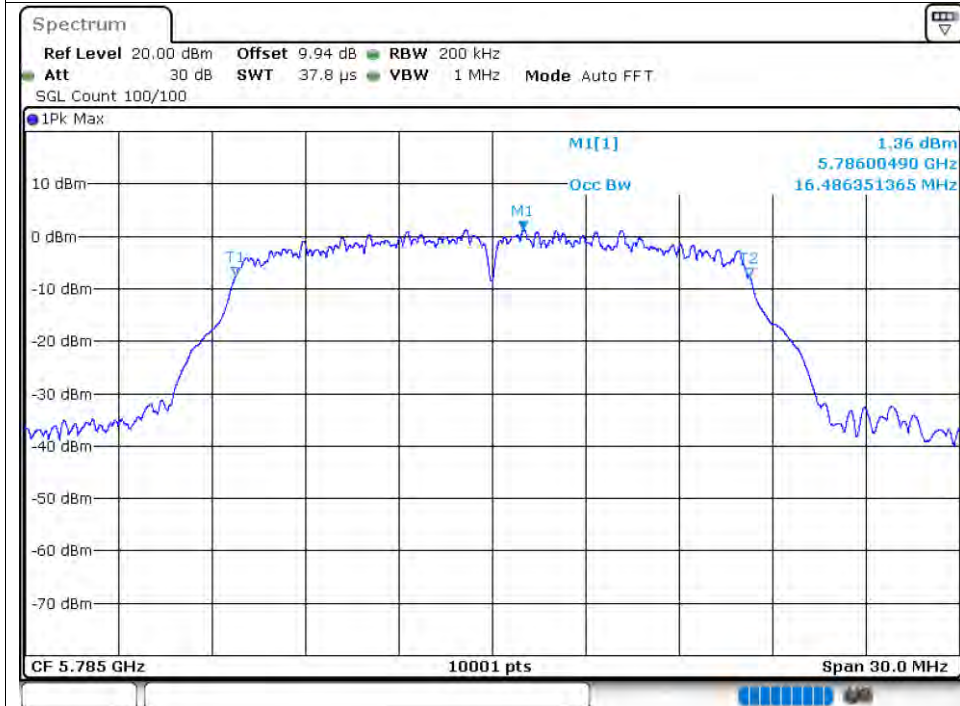
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.429        |
| NVNT      | a    | 5785            | Ant1    | 16.486        |
| NVNT      | a    | 5825            | Ant1    | 16.39         |
| NVNT      | n20  | 5745            | Ant1    | 17.515        |
| NVNT      | n20  | 5785            | Ant1    | 17.554        |
| NVNT      | n20  | 5825            | Ant1    | 17.521        |
| NVNT      | n40  | 5755            | Ant1    | 35.96         |
| NVNT      | n40  | 5795            | Ant1    | 35.972        |
| NVNT      | ac20 | 5745            | Ant1    | 17.509        |
| NVNT      | ac20 | 5785            | Ant1    | 17.47         |
| NVNT      | ac20 | 5825            | Ant1    | 17.476        |
| NVNT      | ac40 | 5755            | Ant1    | 35.918        |
| NVNT      | ac40 | 5795            | Ant1    | 35.936        |
| NVNT      | ac80 | 5775            | Ant1    | 75.712        |

### Test Graphs

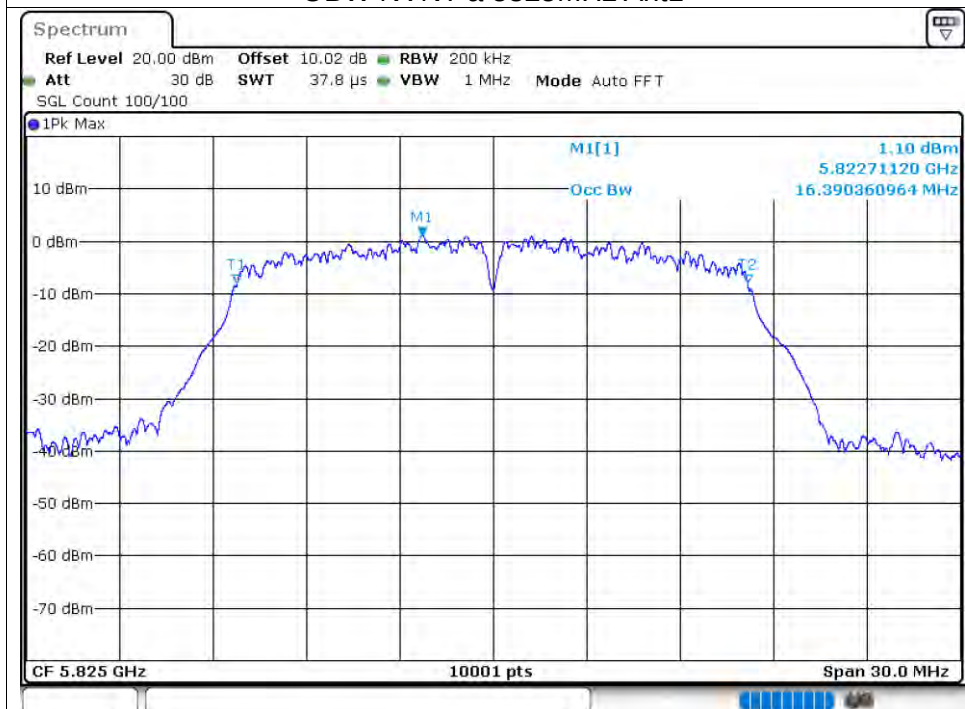
#### OBW NVNT a 5745MHz Ant1



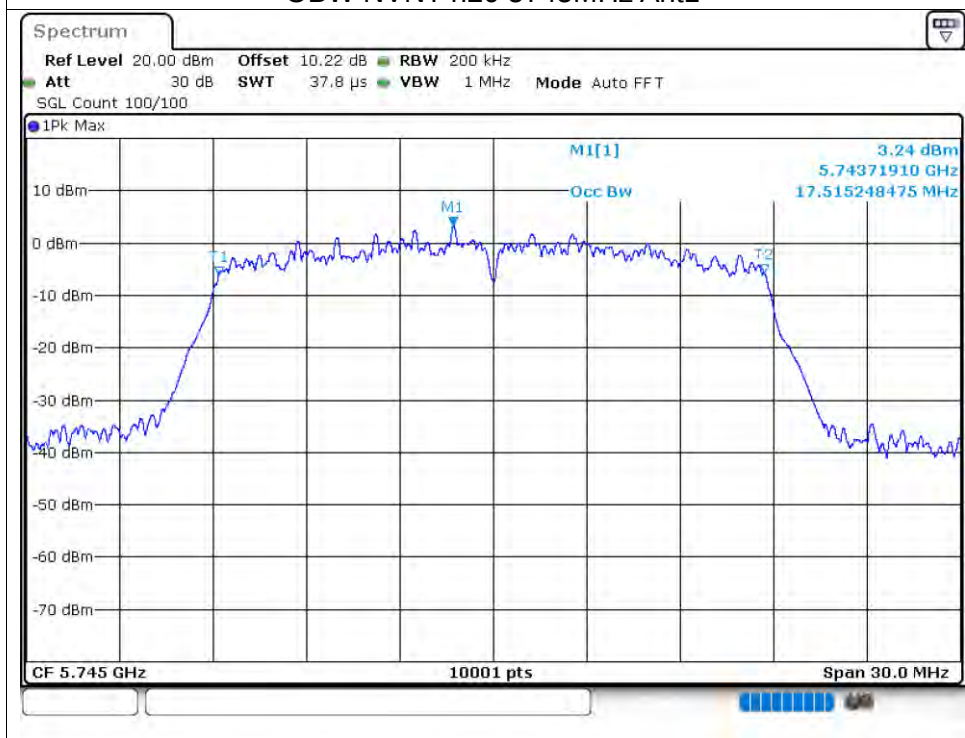
#### OBW NVNT a 5785MHz Ant1



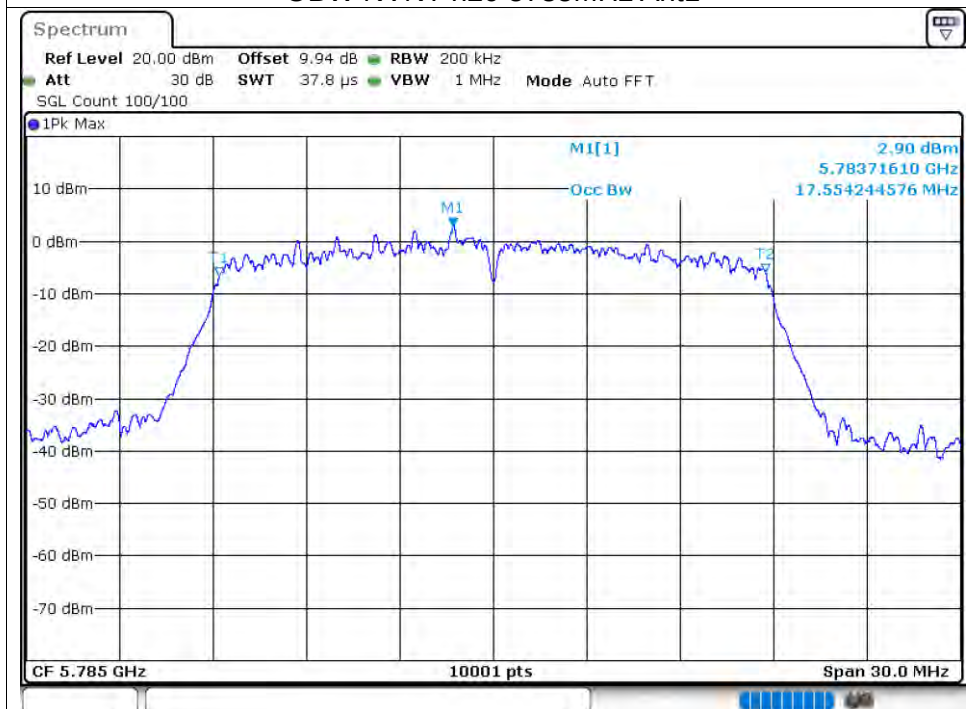
### OBW NVNT a 5825MHz Ant1



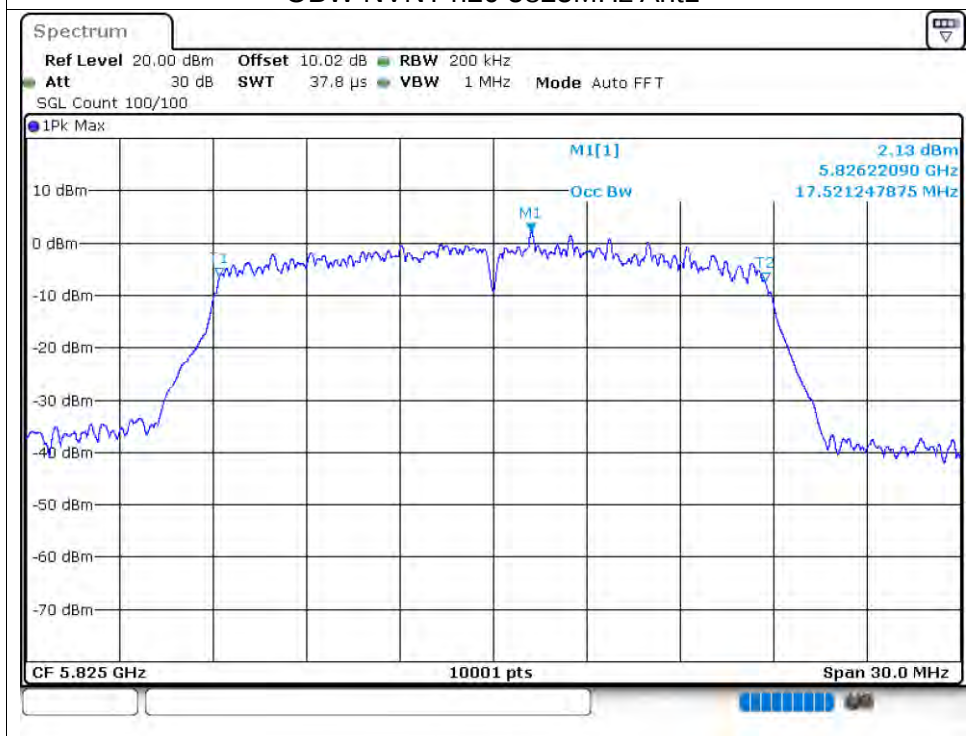
### OBW NVNT n20 5745MHz Ant1



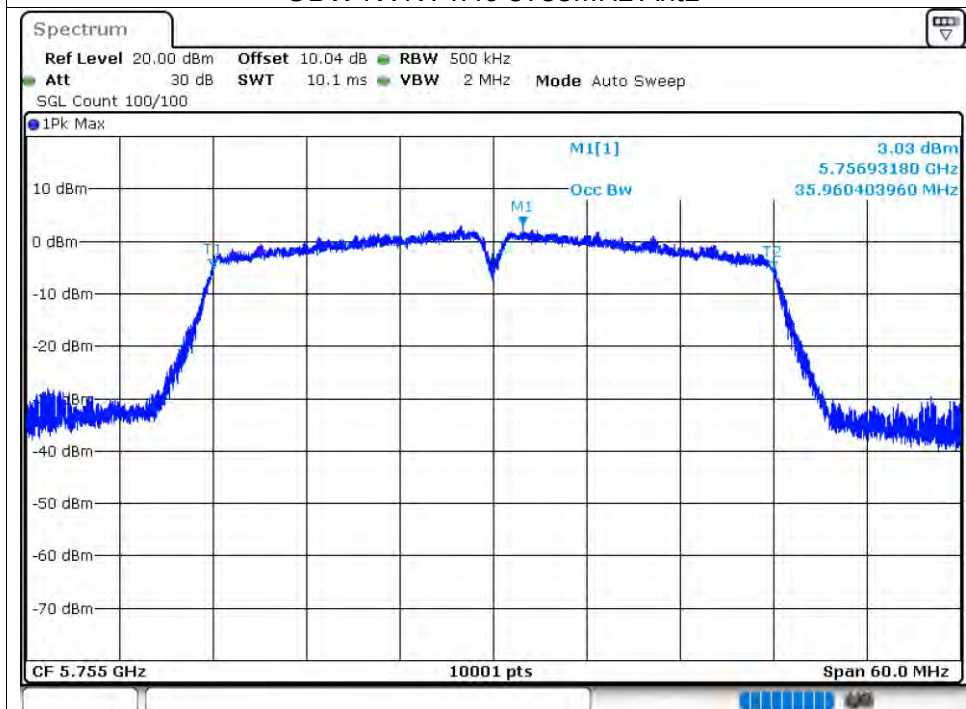
### OBW NVNT n20 5785MHz Ant1



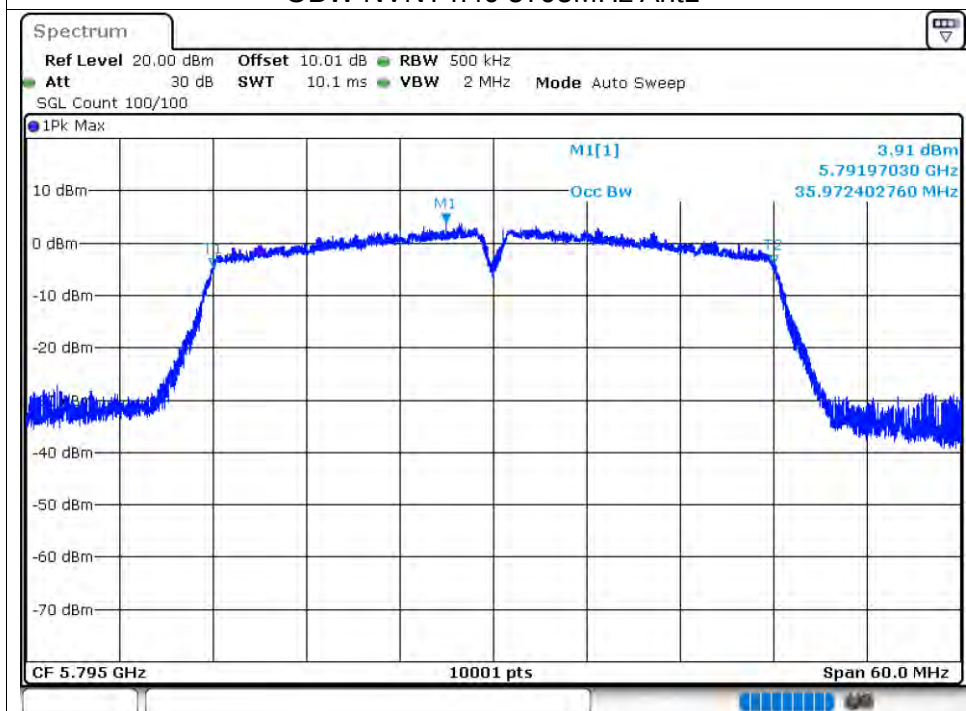
### OBW NVNT n20 5825MHz Ant1



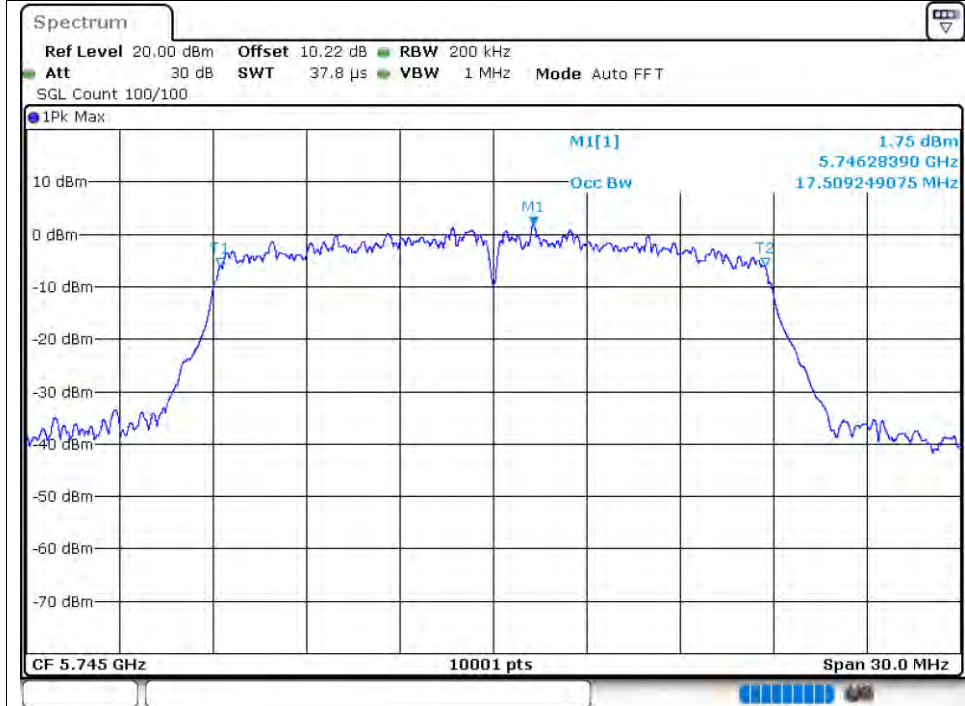
### OBW NVNT n40 5755MHz Ant1



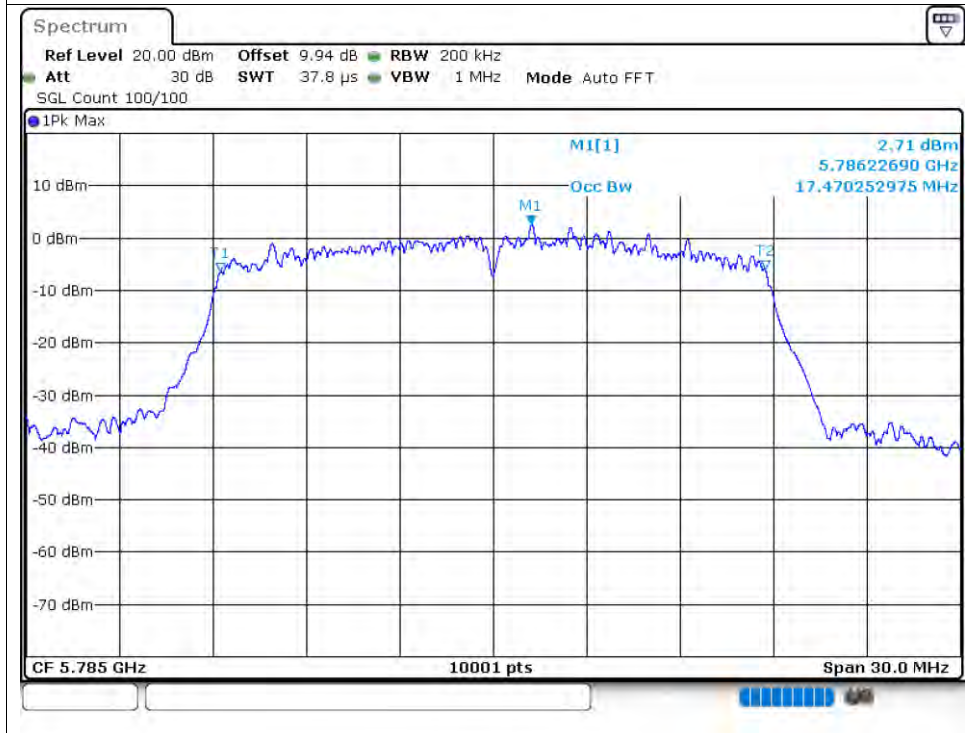
### OBW NVNT n40 5795MHz Ant1



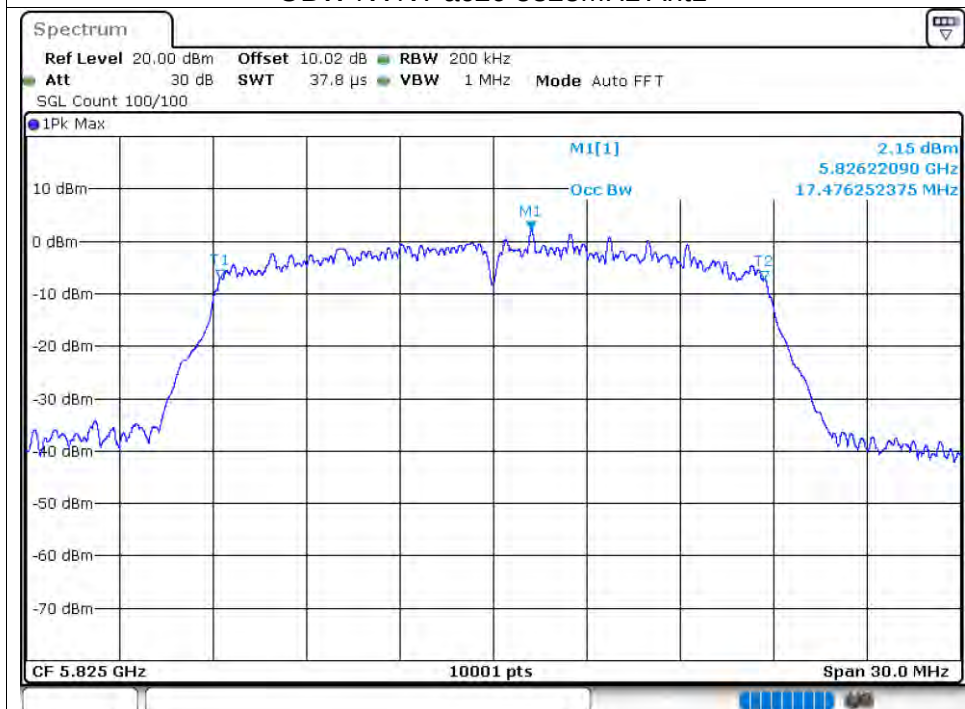
### OBW NVNT ac20 5745MHz Ant1



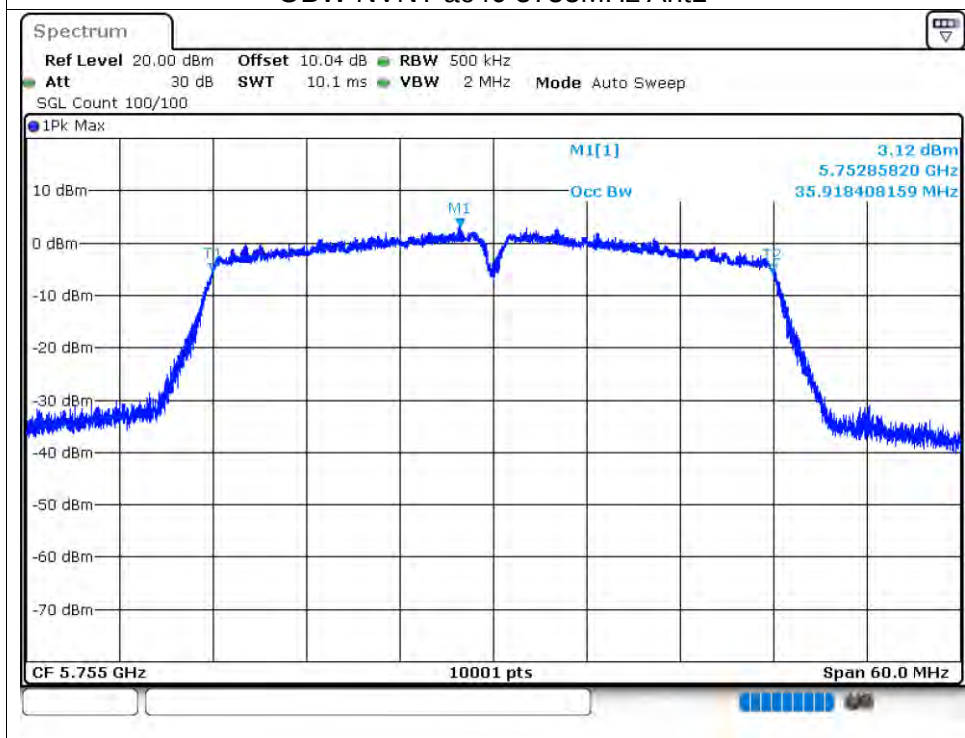
### OBW NVNT ac20 5785MHz Ant1



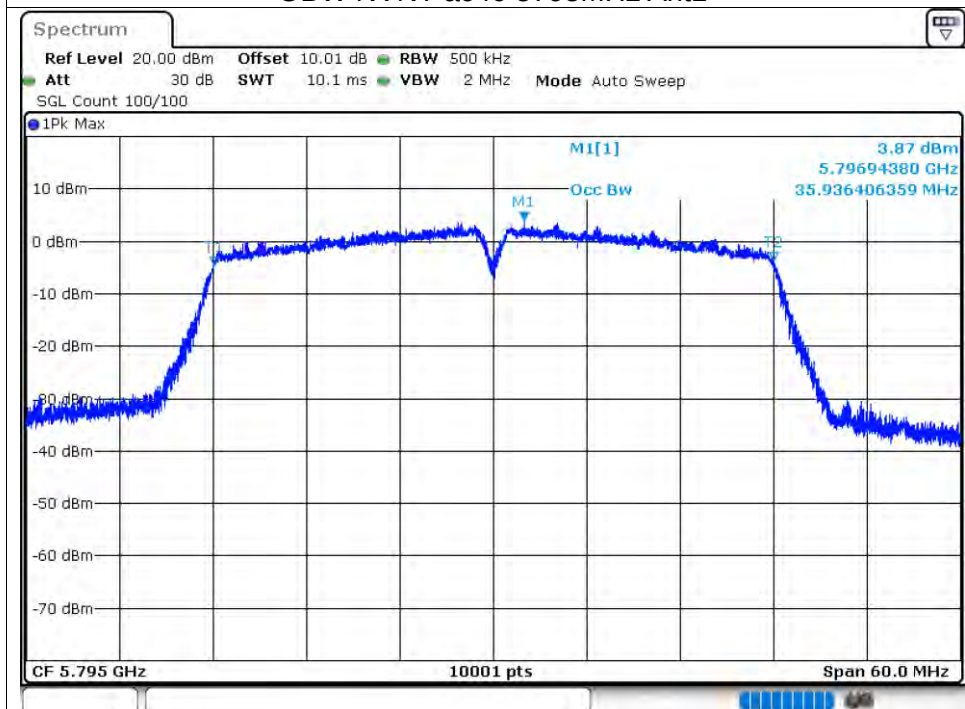
### OBW NVNT ac20 5825MHz Ant1



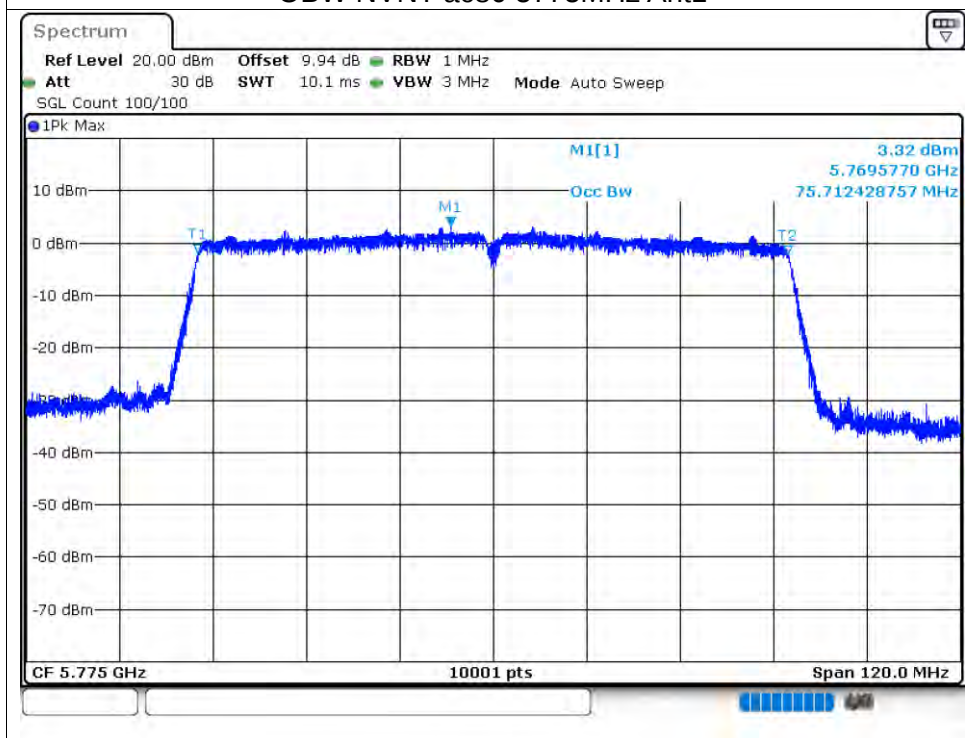
### OBW NVNT ac40 5755MHz Ant1



### OBW NVNT ac40 5795MHz Ant1



### OBW NVNT ac80 5775MHz Ant1



## 5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

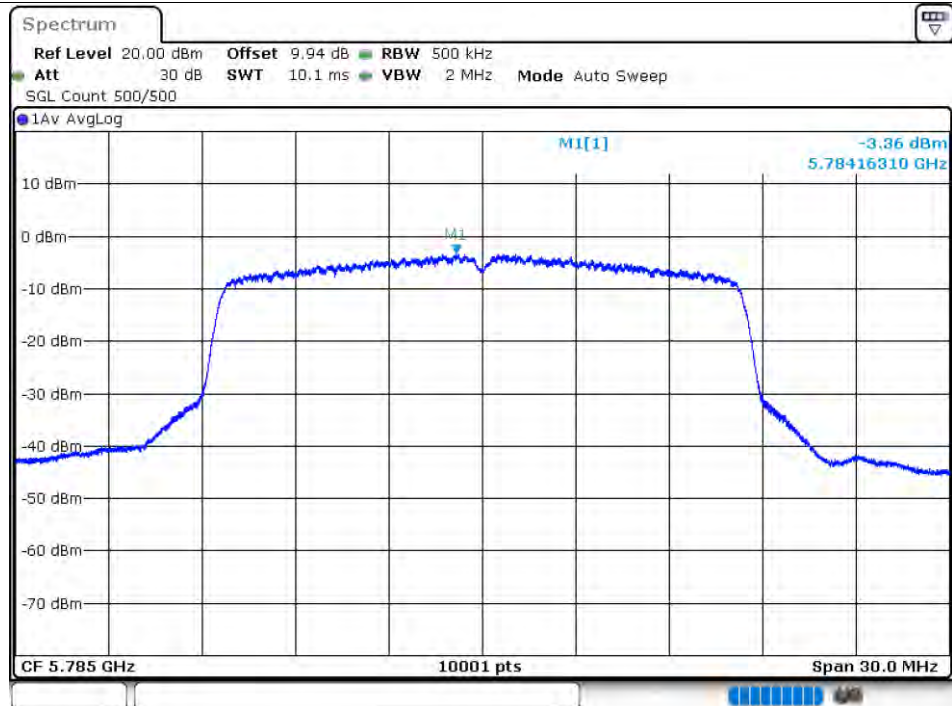
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -3.2                | 0.08             | -3.12           | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -3.36               | 0.08             | -3.28           | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -3.96               | 0.08             | -3.88           | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -3.53               | 0.09             | -3.44           | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -4.01               | 0.09             | -3.92           | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -4.09               | 0.08             | -4.01           | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -7.1                | 0.16             | -6.94           | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -7.35               | 0.16             | -7.19           | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -3.67               | 0.08             | -3.59           | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -3.6                | 0.09             | -3.51           | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -4.43               | 0.08             | -4.35           | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -7.75               | 0.16             | -7.59           | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -7.23               | 0.16             | -7.07           | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -12.13              | 0.32             | -11.81          | 30          | Pass    |

### Test Graphs

#### PSD NVNT a 5745MHz Ant1



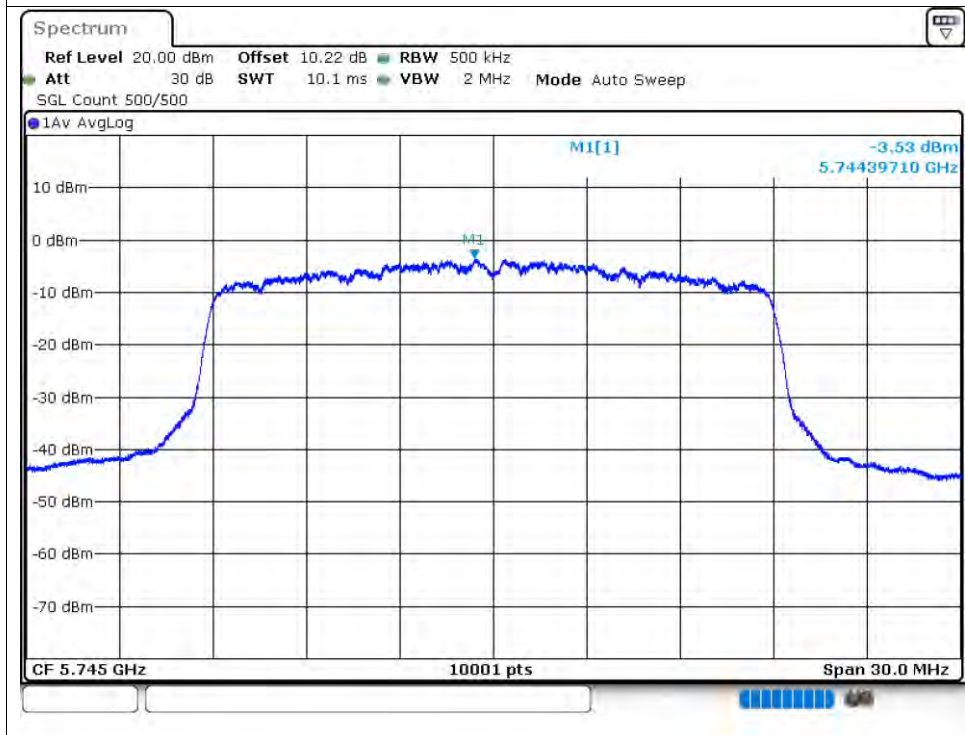
#### PSD NVNT a 5785MHz Ant1



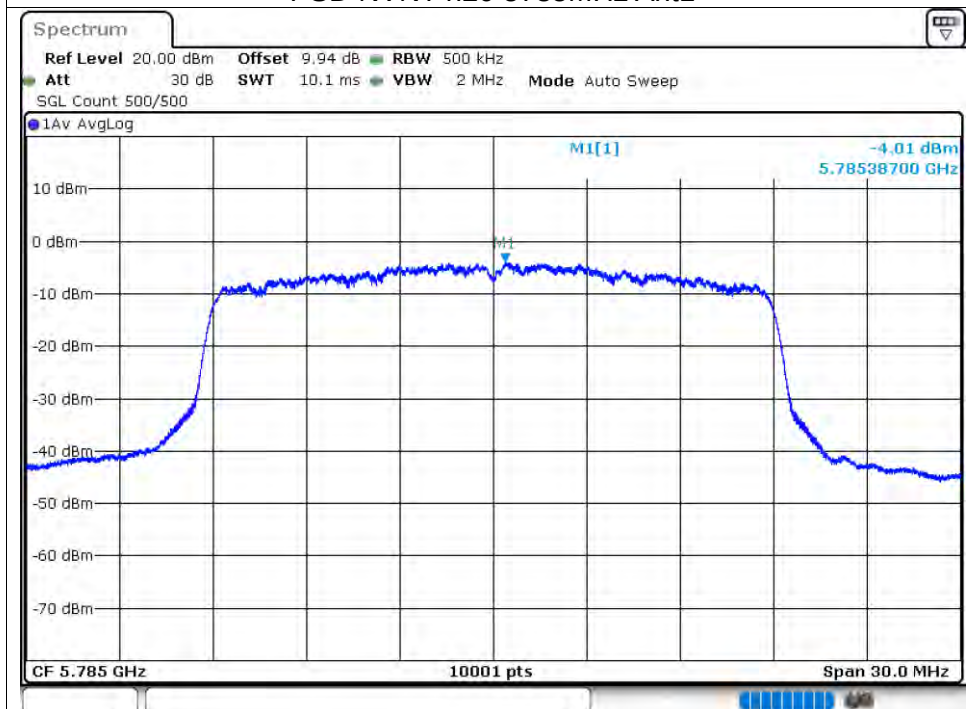
### PSD NVNT a 5825MHz Ant1



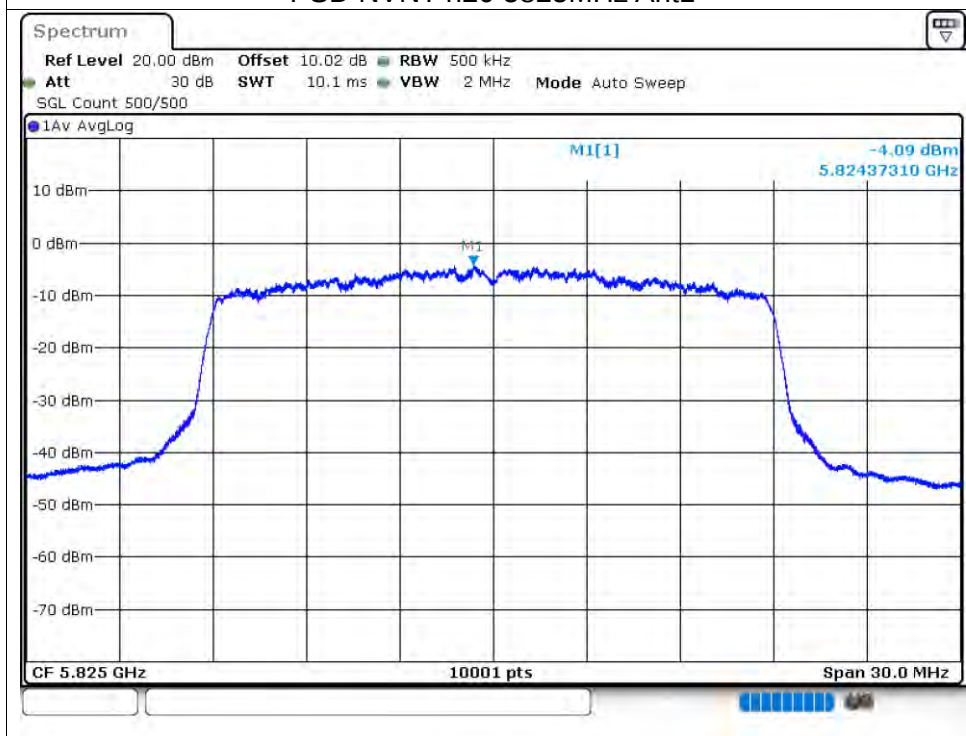
### PSD NVNT n20 5745MHz Ant1



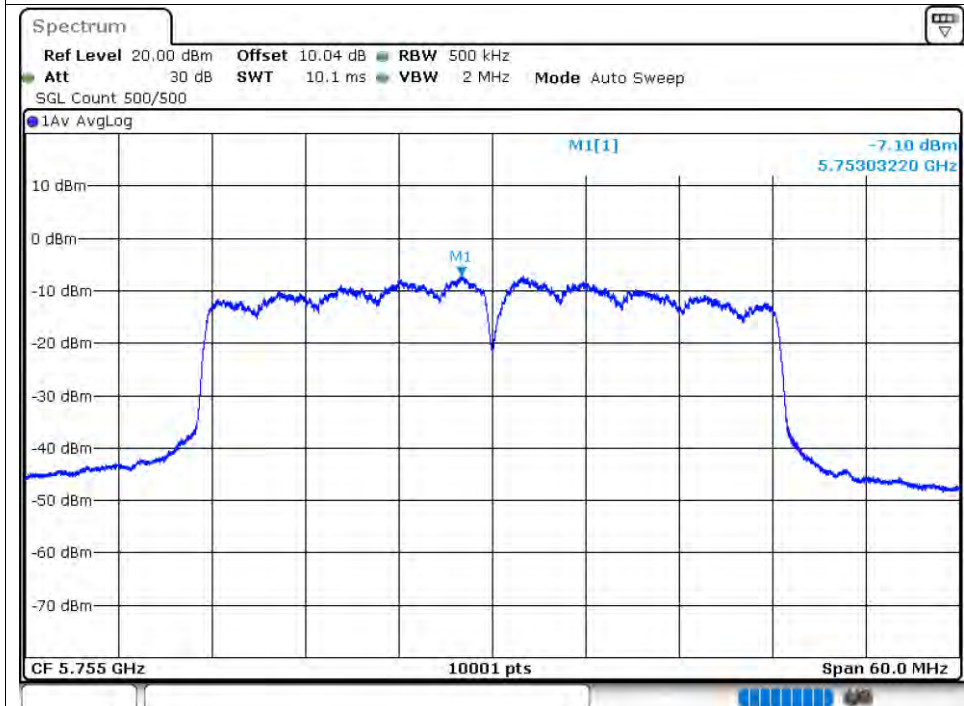
### PSD NVNT n20 5785MHz Ant1



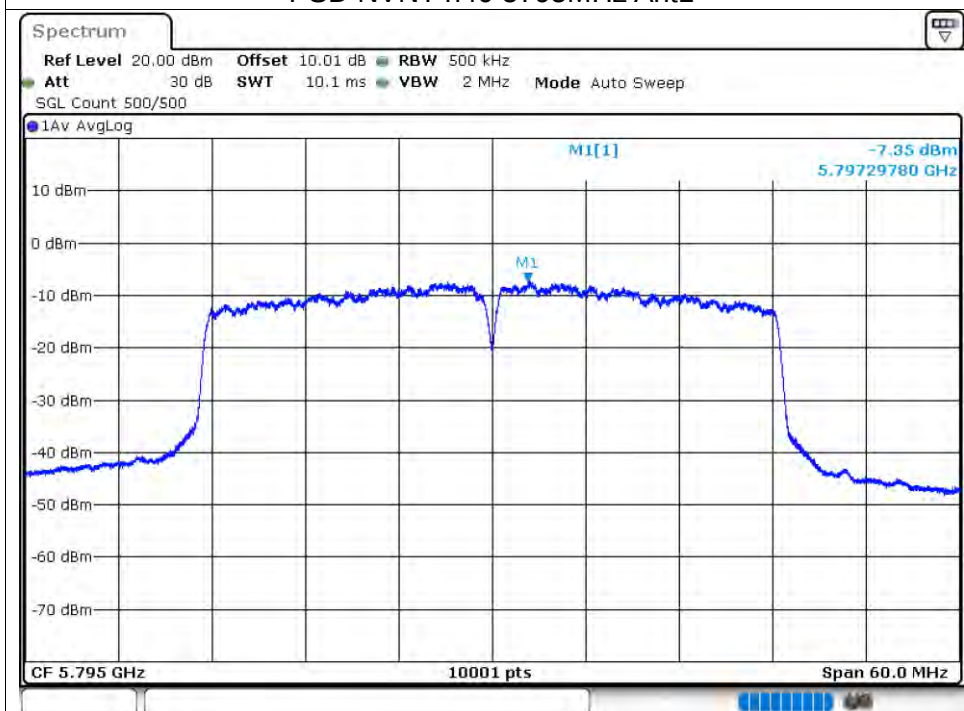
### PSD NVNT n20 5825MHz Ant1



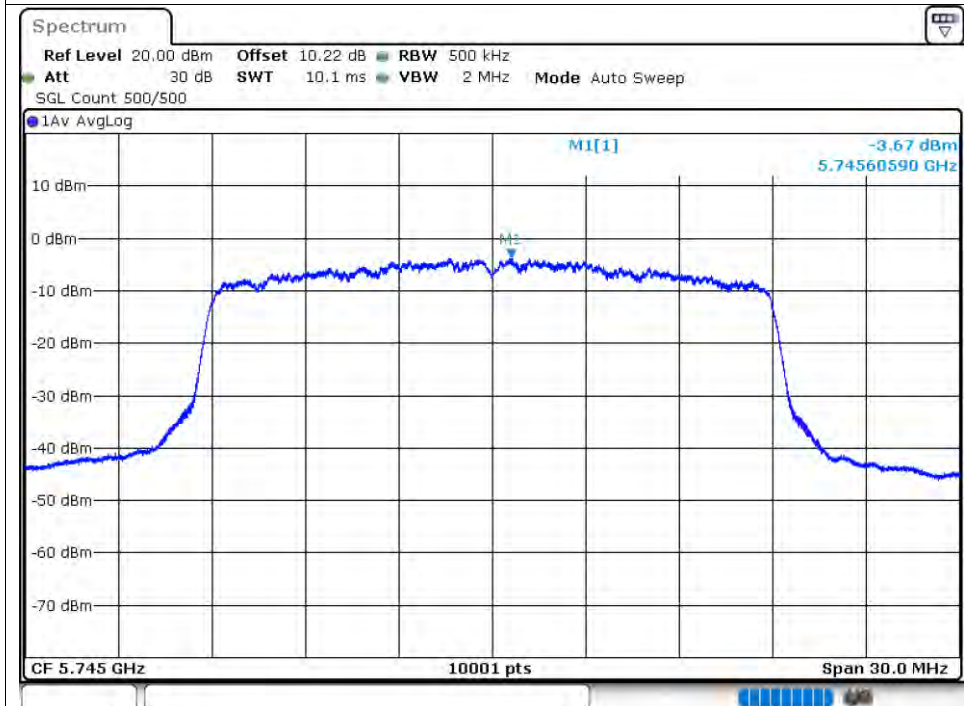
### PSD NVNT n40 5755MHz Ant1



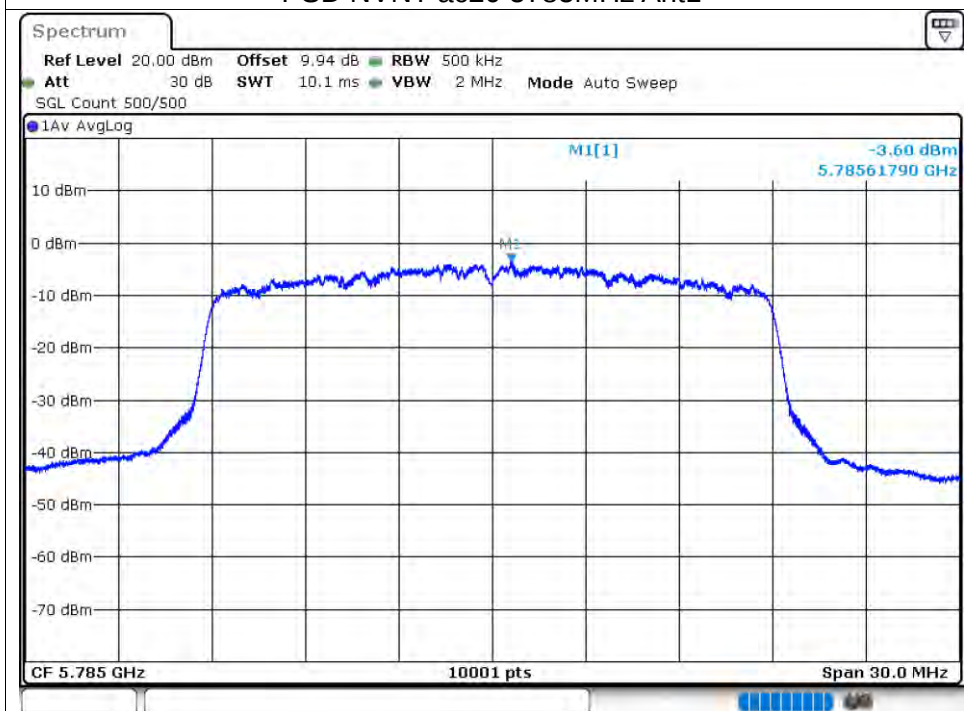
### PSD NVNT n40 5795MHz Ant1



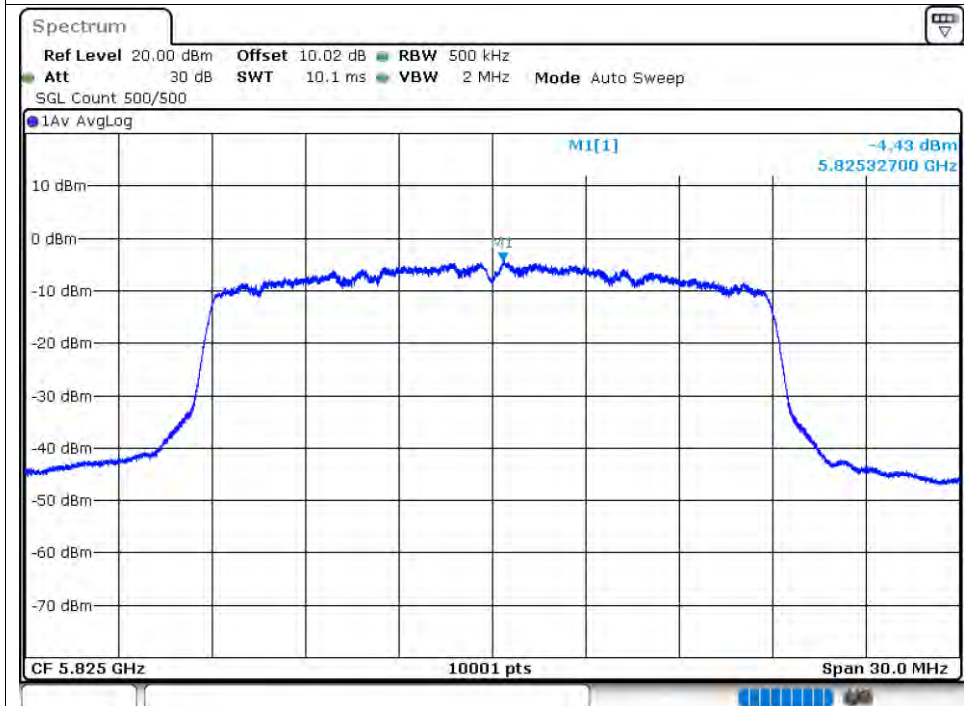
### PSD NVNT ac20 5745MHz Ant1



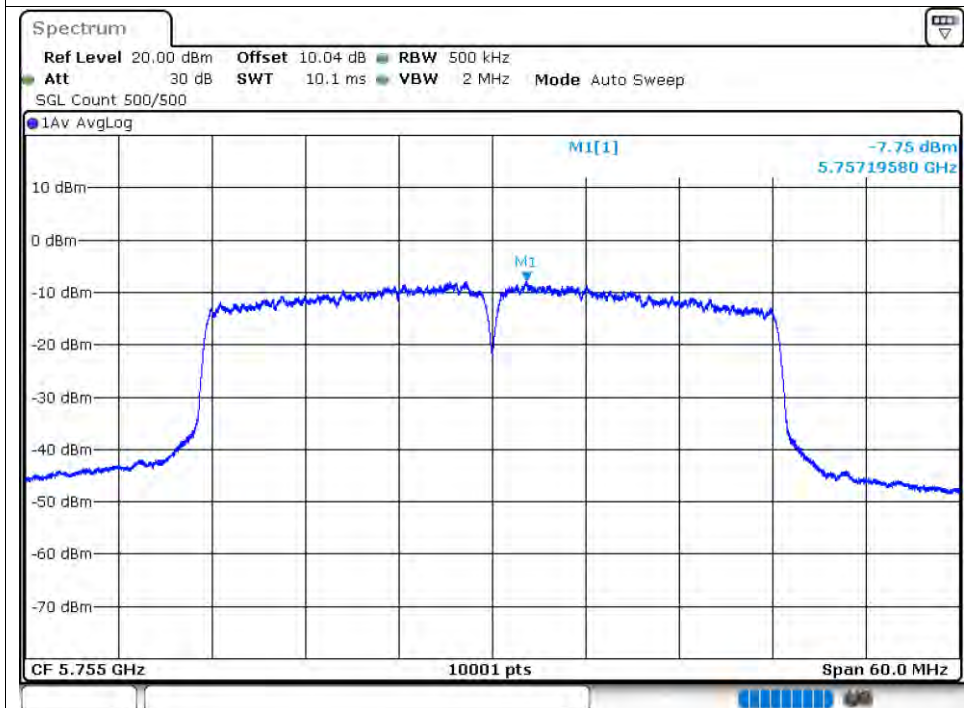
### PSD NVNT ac20 5785MHz Ant1



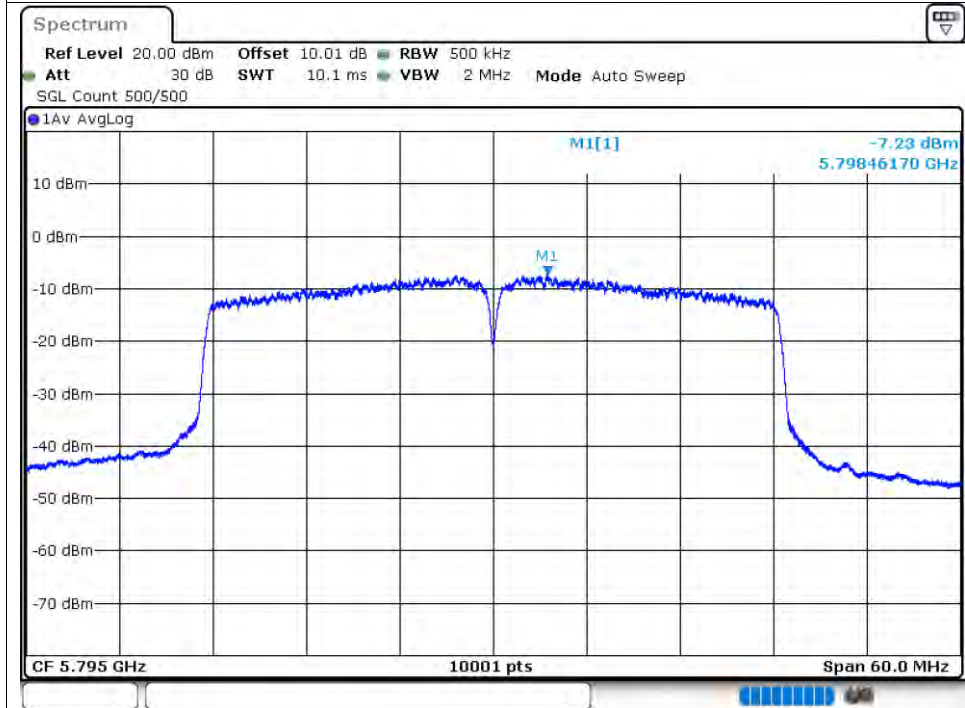
### PSD NVNT ac20 5825MHz Ant1



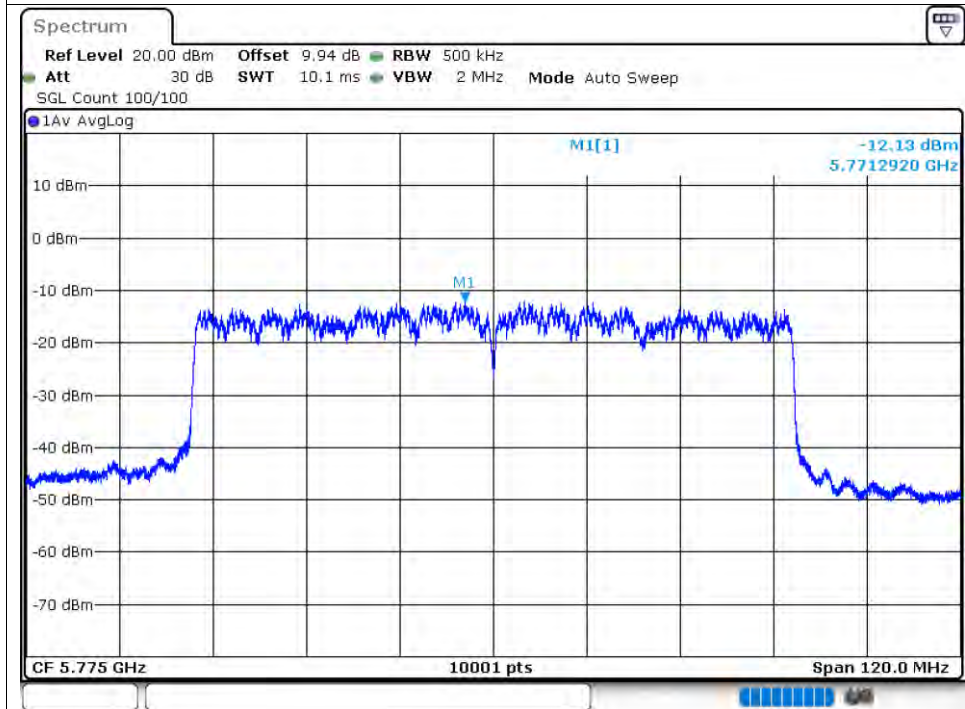
### PSD NVNT ac40 5755MHz Ant1



### PSD NVNT ac40 5795MHz Ant1



### PSD NVNT ac80 5775MHz Ant1

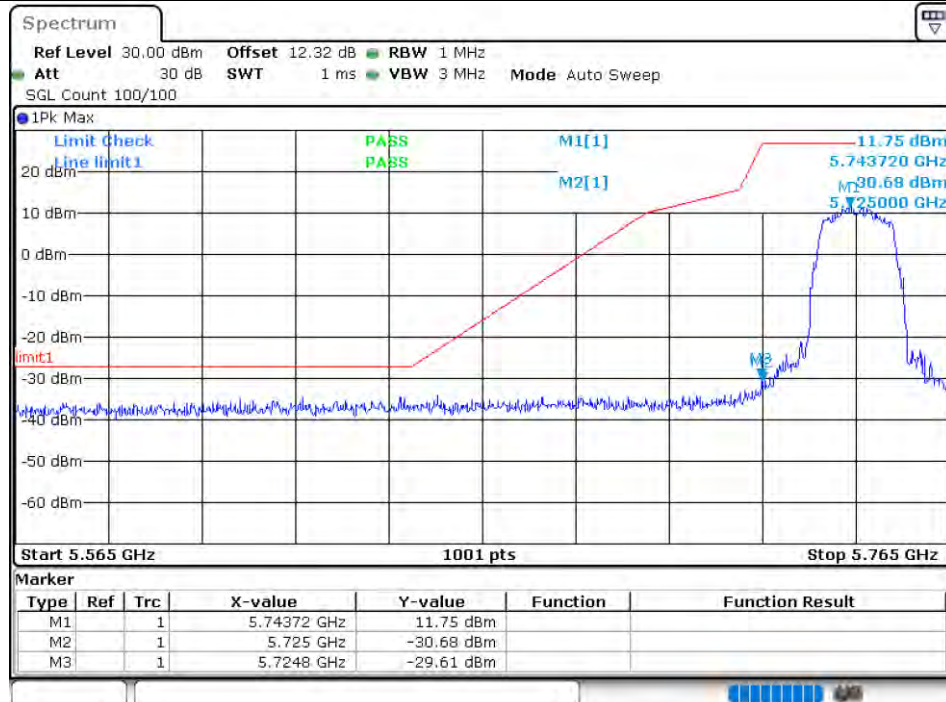


## 5.6 BAND EDGE

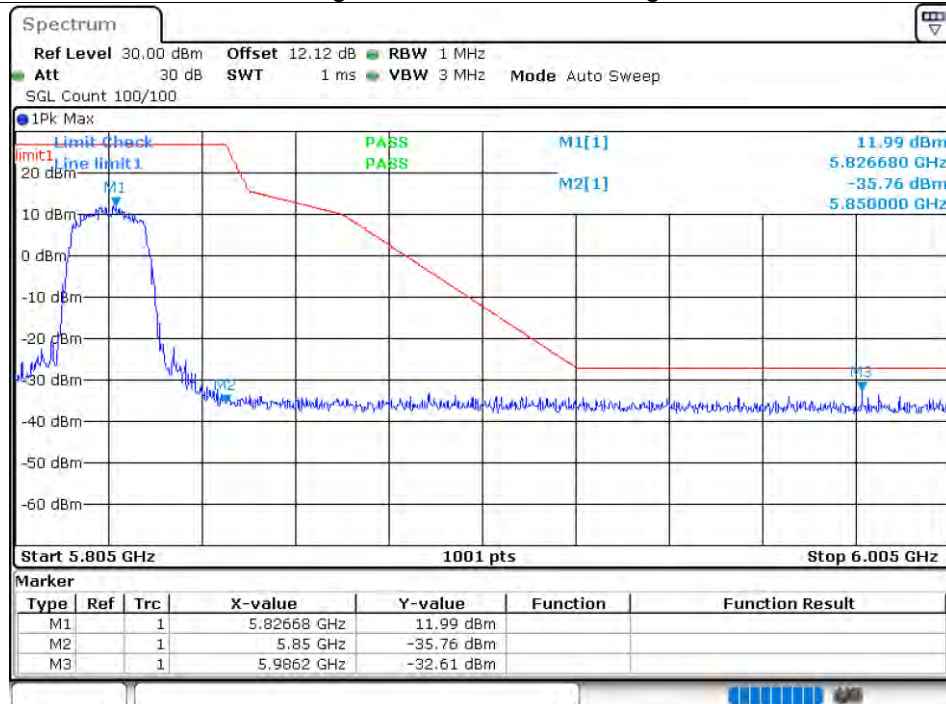
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -29.61          |             | Pass    |
| NVNT      | a    | 5825            | Ant1    | -32.6           |             | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -29.97          |             | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -32.05          |             | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -21.84          |             | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -32.93          |             | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -27.89          |             | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -33.26          |             | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -28.6           |             | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -32.85          |             | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -32.37          |             | Pass    |

### Test Graphs

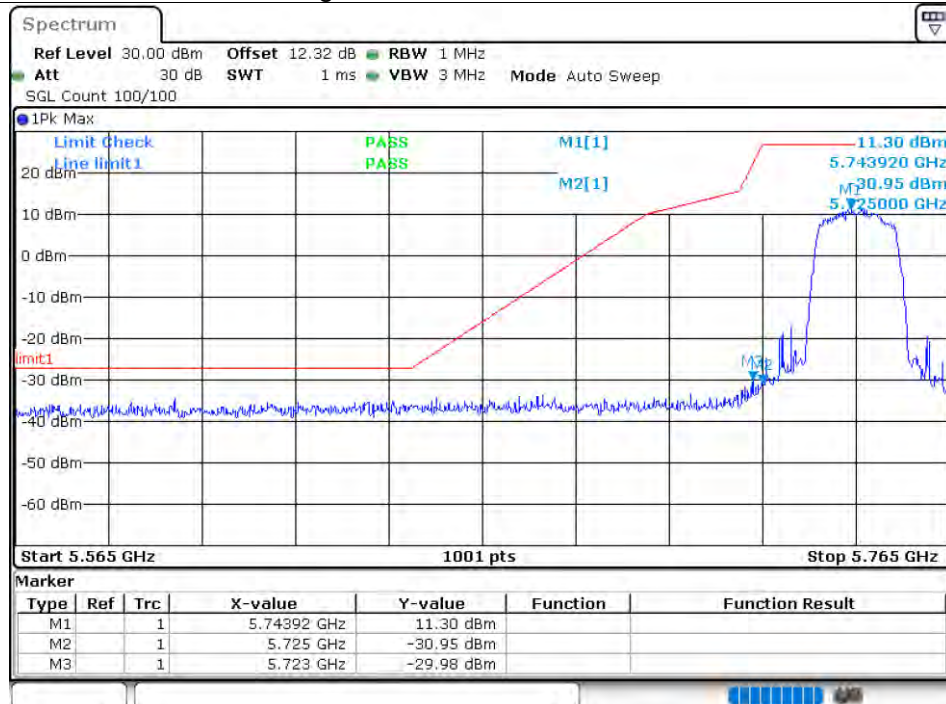
#### Band Edge NVNT a 5745MHz Low Ant1



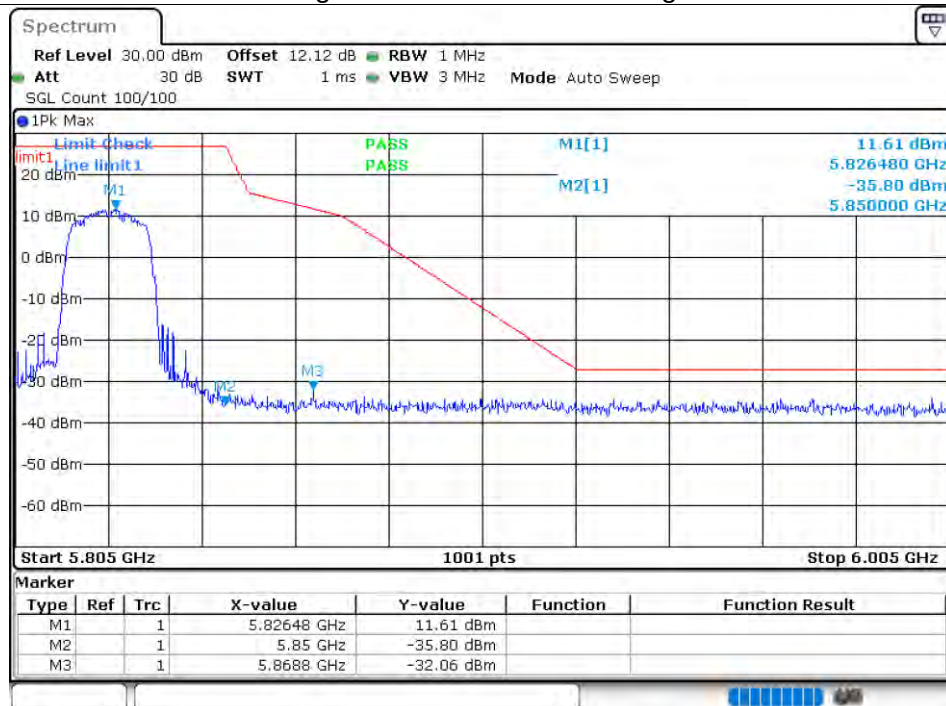
#### Band Edge NVNT a 5825MHz High Ant1



### Band Edge NVNT n20 5745MHz Low Ant1



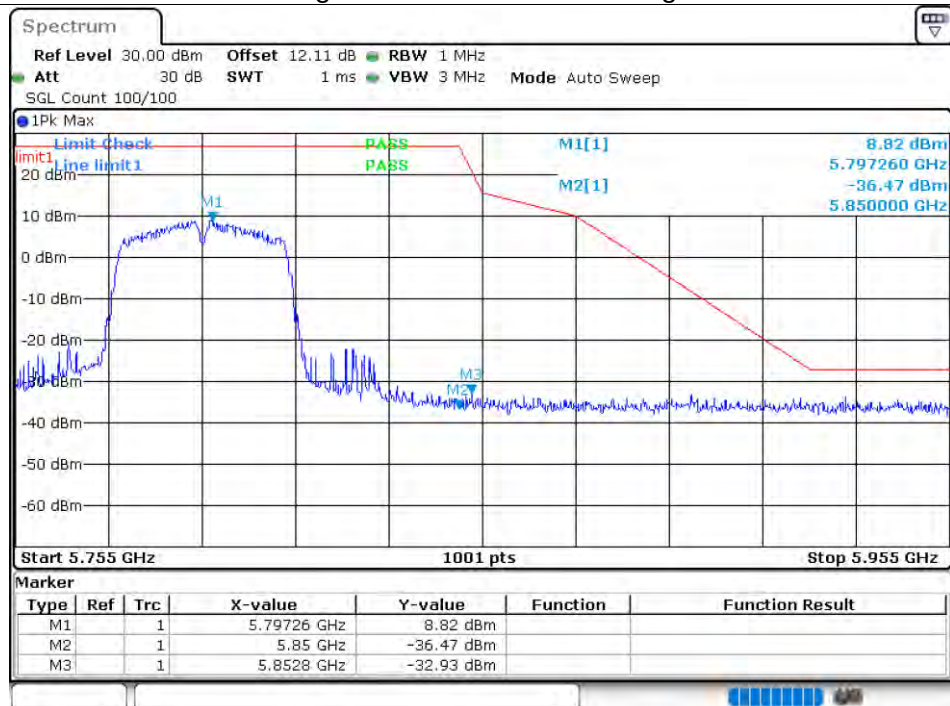
### Band Edge NVNT n20 5825MHz High Ant1



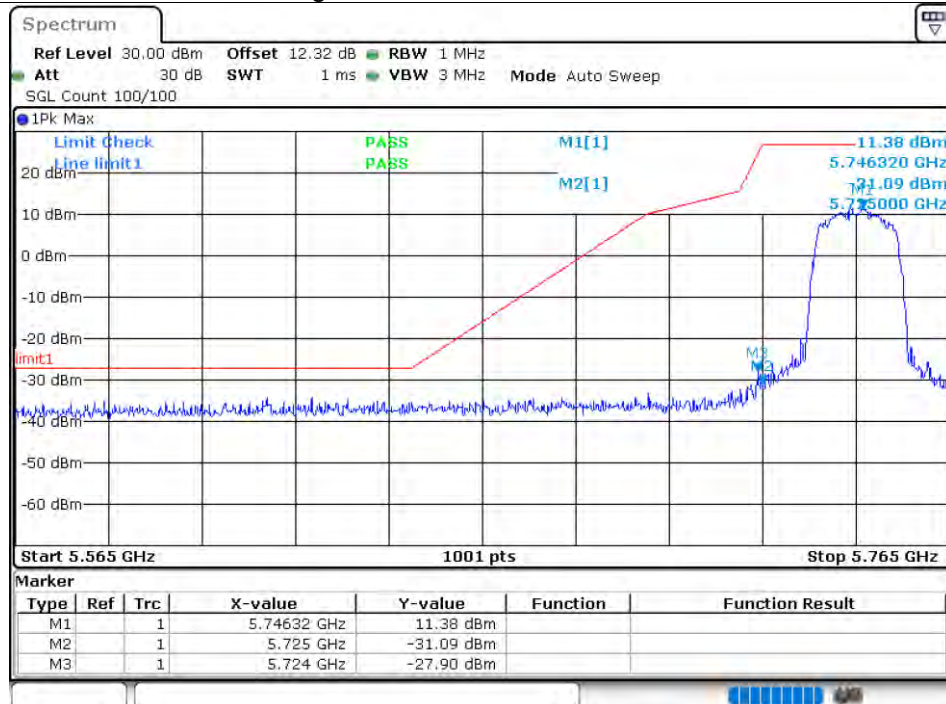
### Band Edge NVNT n40 5755MHz Low Ant1



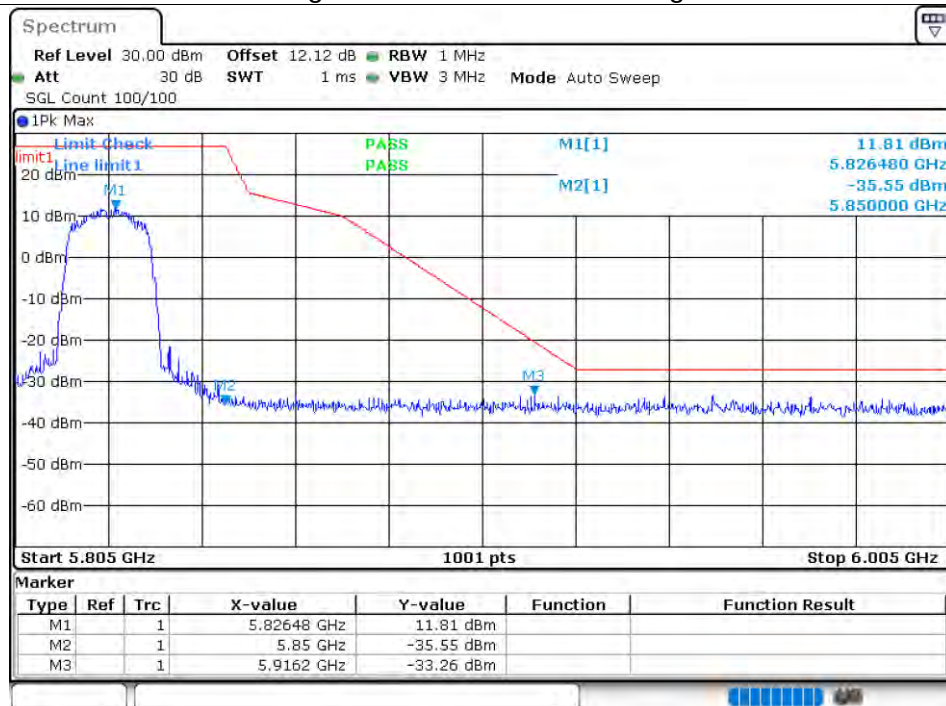
### Band Edge NVNT n40 5795MHz High Ant1



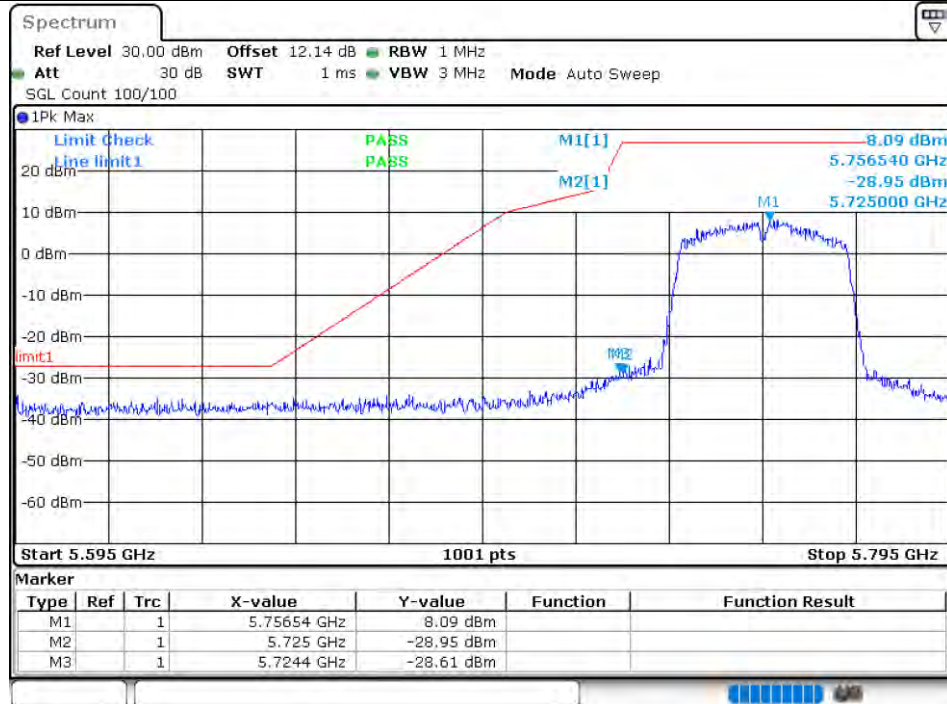
### Band Edge NVNT ac20 5745MHz Low Ant1



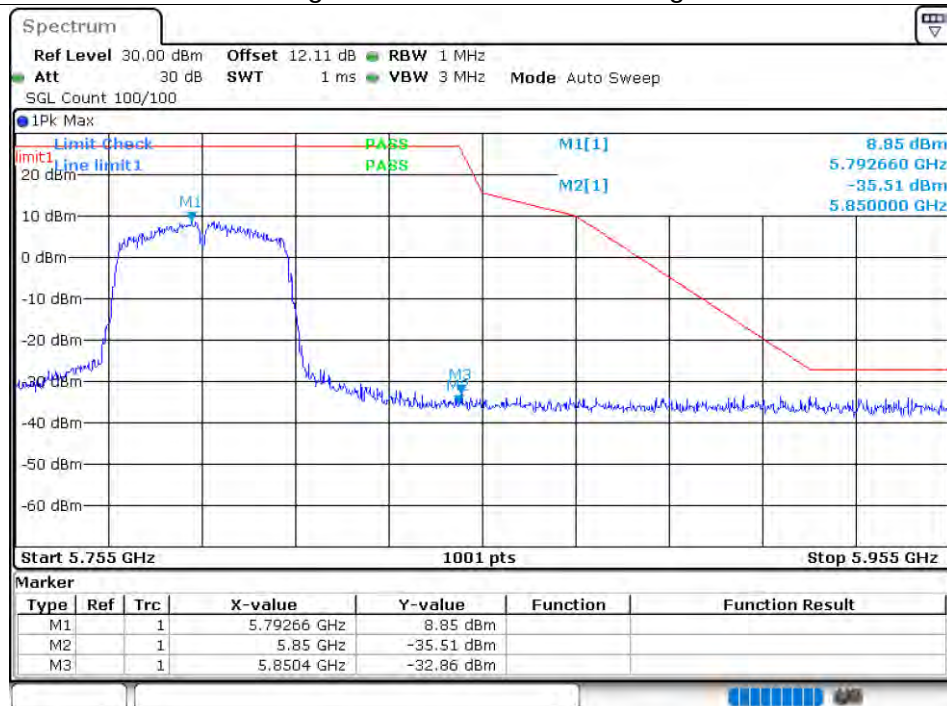
### Band Edge NVNT ac20 5825MHz High Ant1

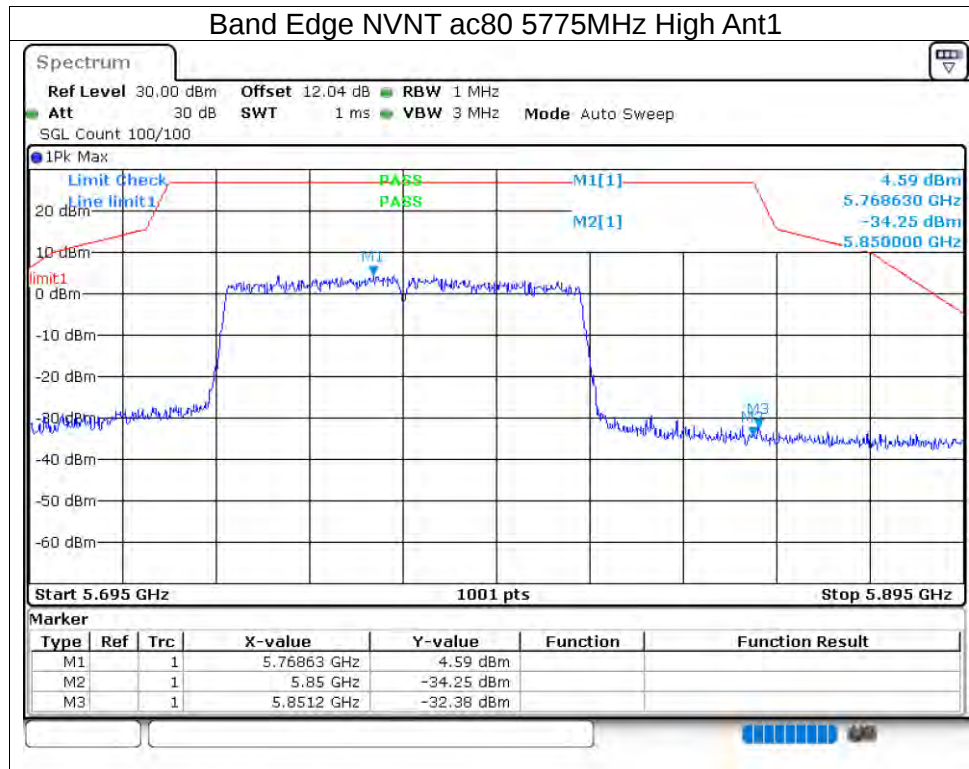


### Band Edge NVNT ac40 5755MHz Low Ant1



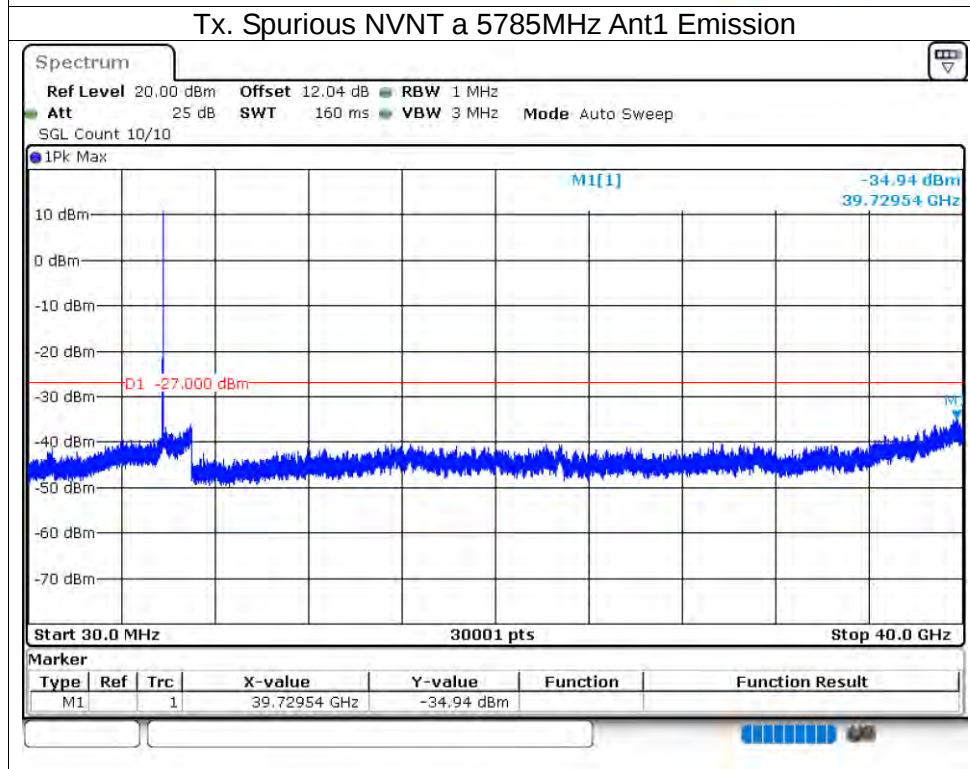
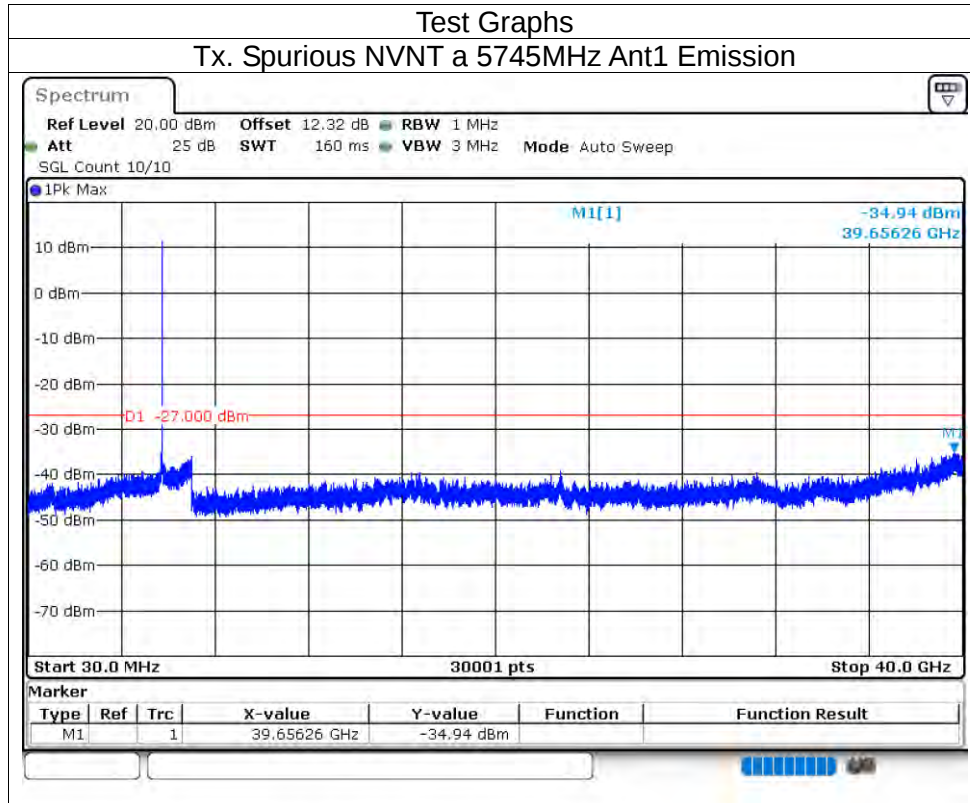
### Band Edge NVNT ac40 5795MHz High Ant1



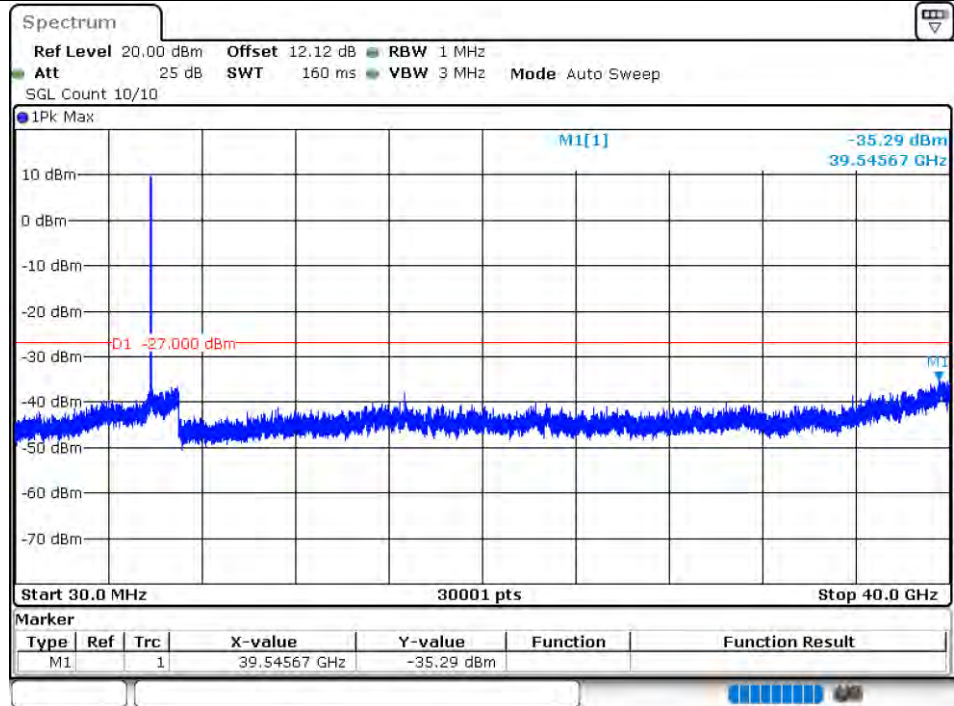


## 5.7 CONDUCTED RF SPURIOUS EMISSION

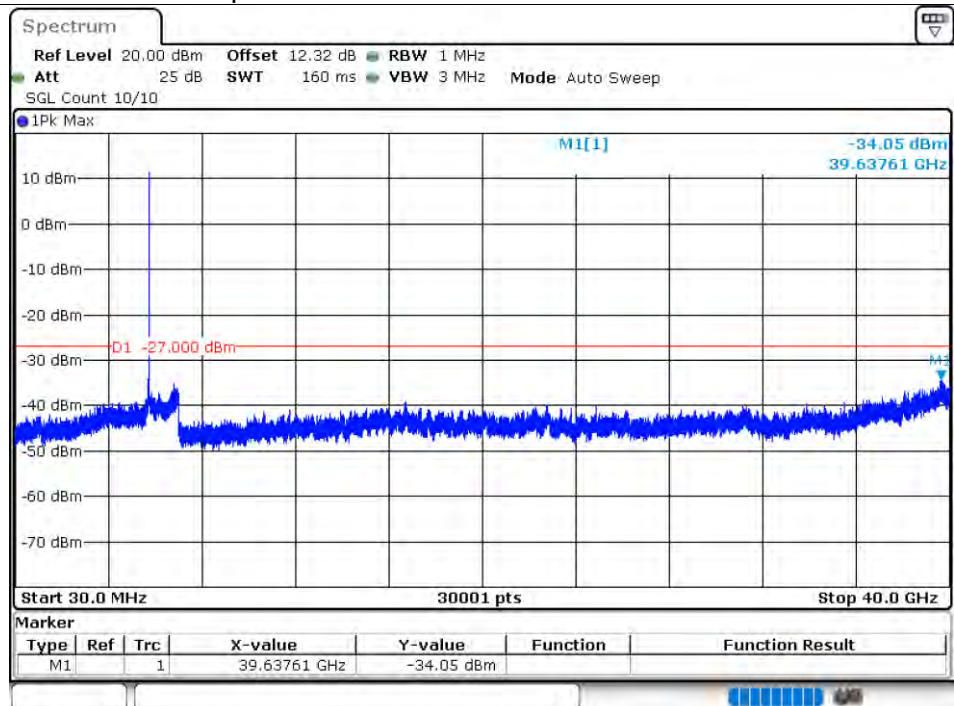
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -34.93          | -27         | Pass    |
| NVNT      | a    | 5785            | Ant1    | -34.94          | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | -35.29          | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -34.04          | -27         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -34.62          | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -34.21          | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -34.17          | -27         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -34.37          | -27         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -34.66          | -27         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -34.77          | -27         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -35.09          | -27         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -35.14          | -27         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -34.74          | -27         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -34             | -27         | Pass    |



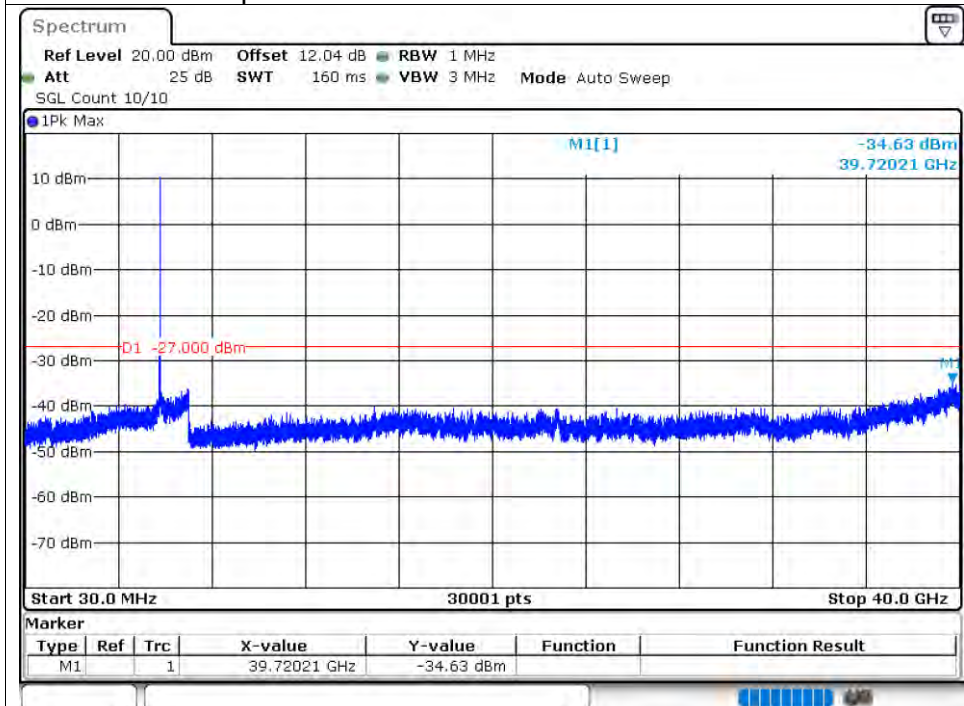
### Tx. Spurious NVNT a 5825MHz Ant1 Emission



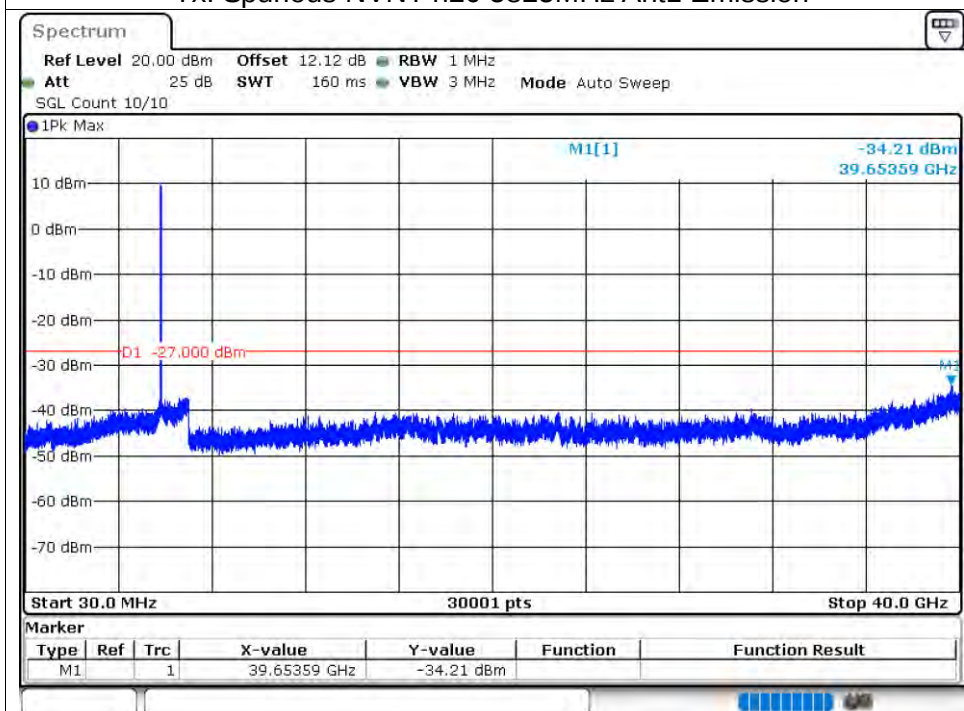
### Tx. Spurious NVNT n20 5745MHz Ant1 Emission

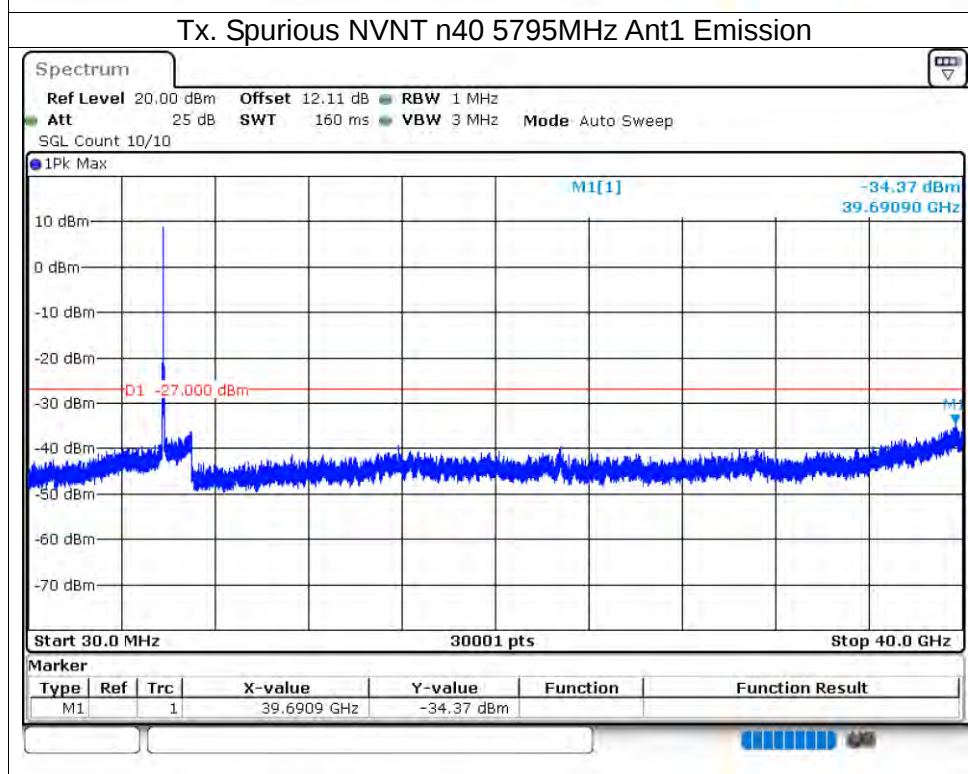
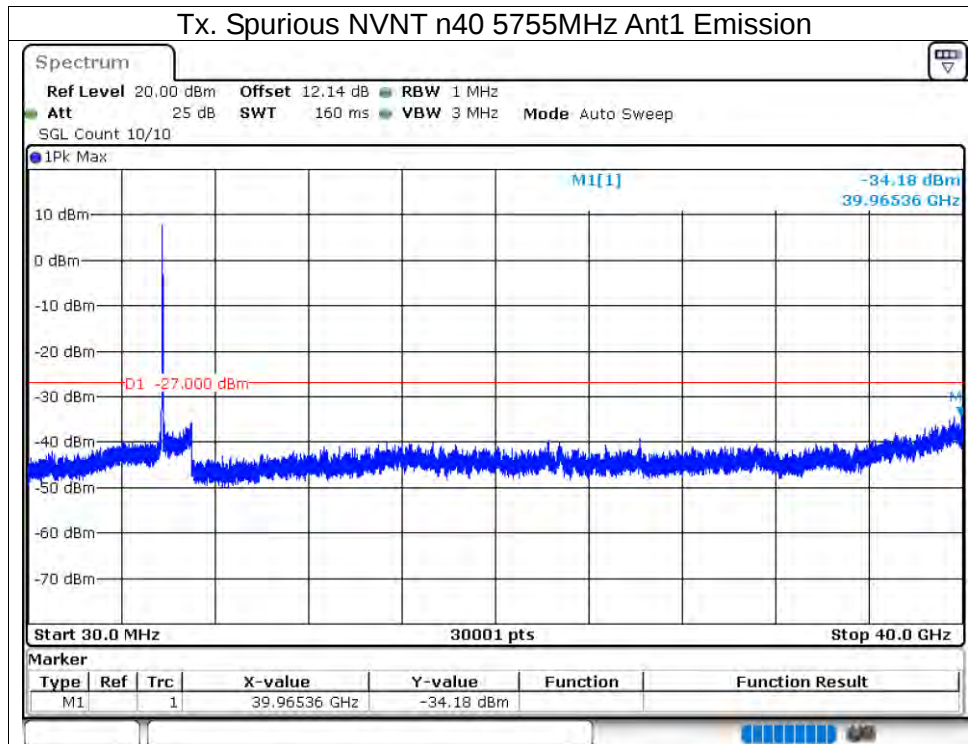


### Tx. Spurious NVNT n20 5785MHz Ant1 Emission

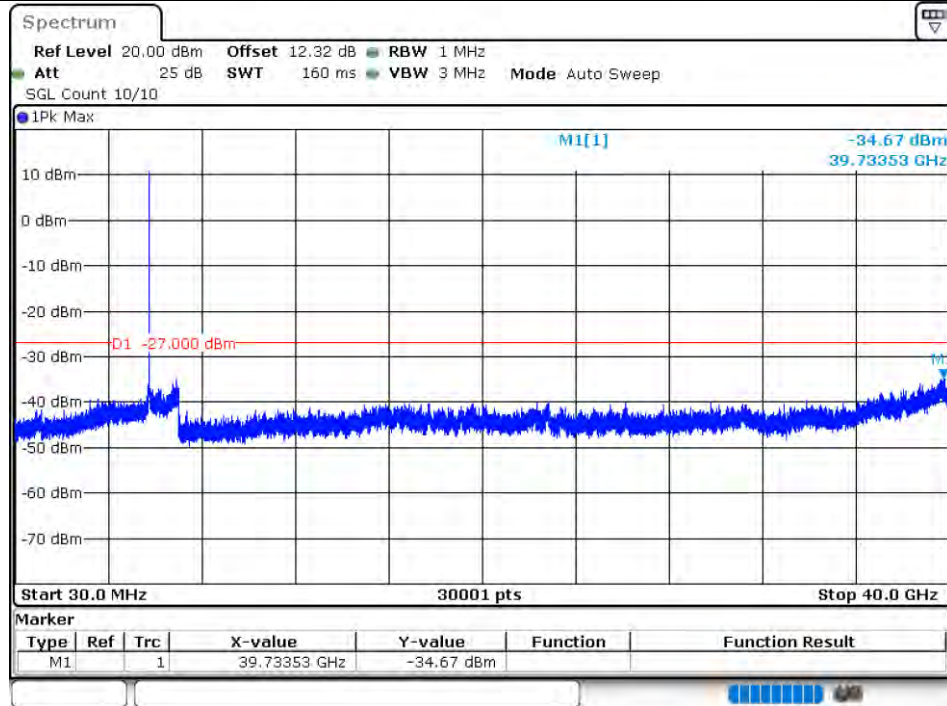


### Tx. Spurious NVNT n20 5825MHz Ant1 Emission

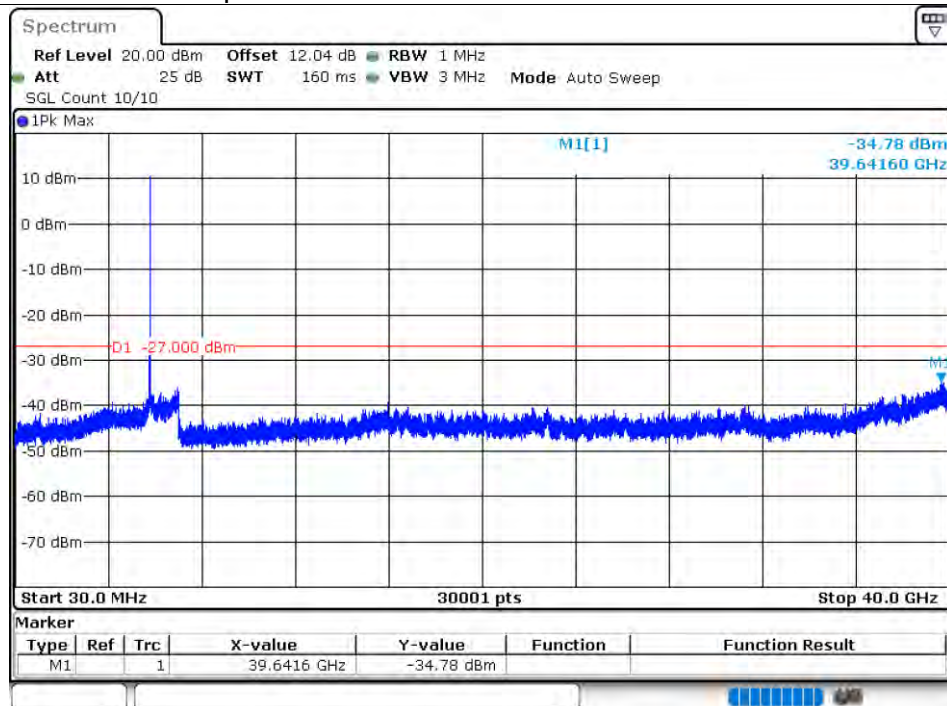


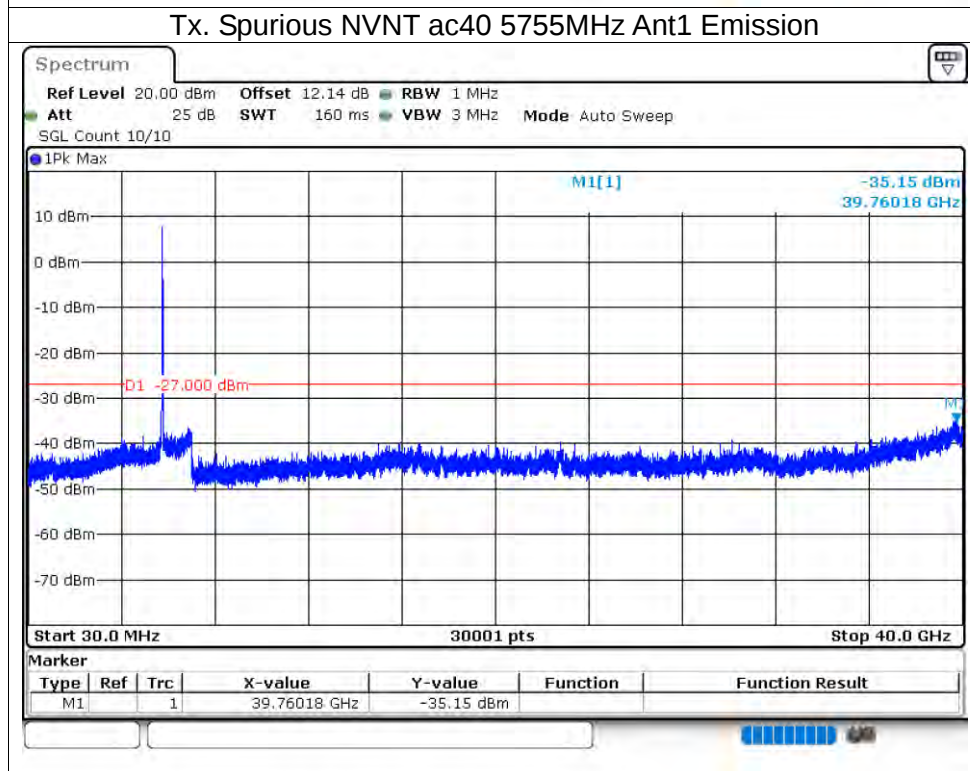
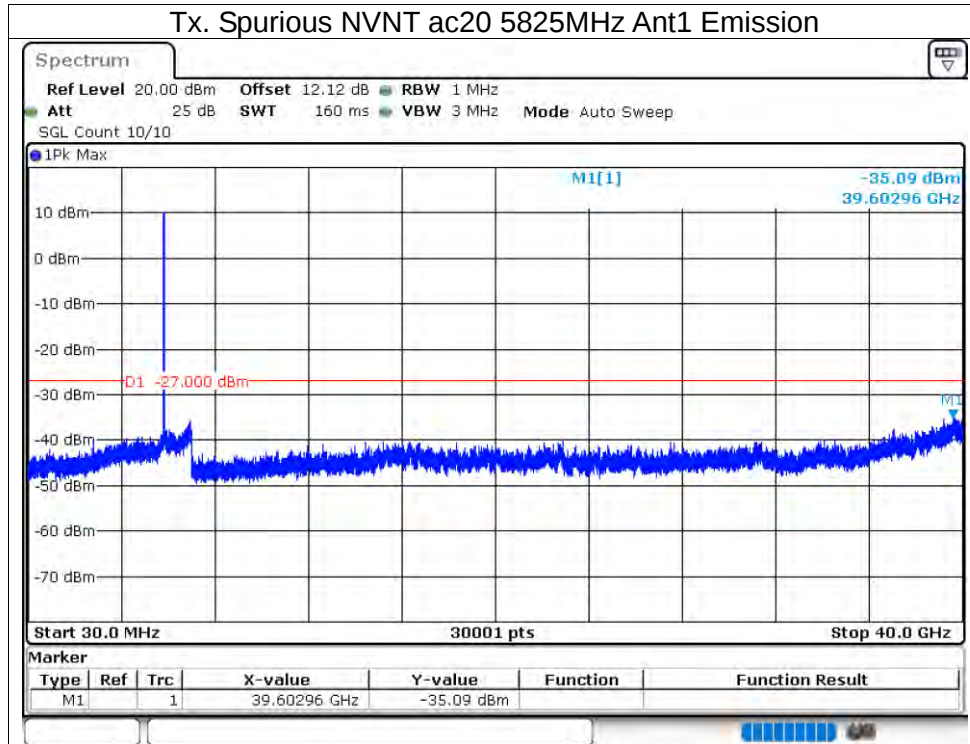


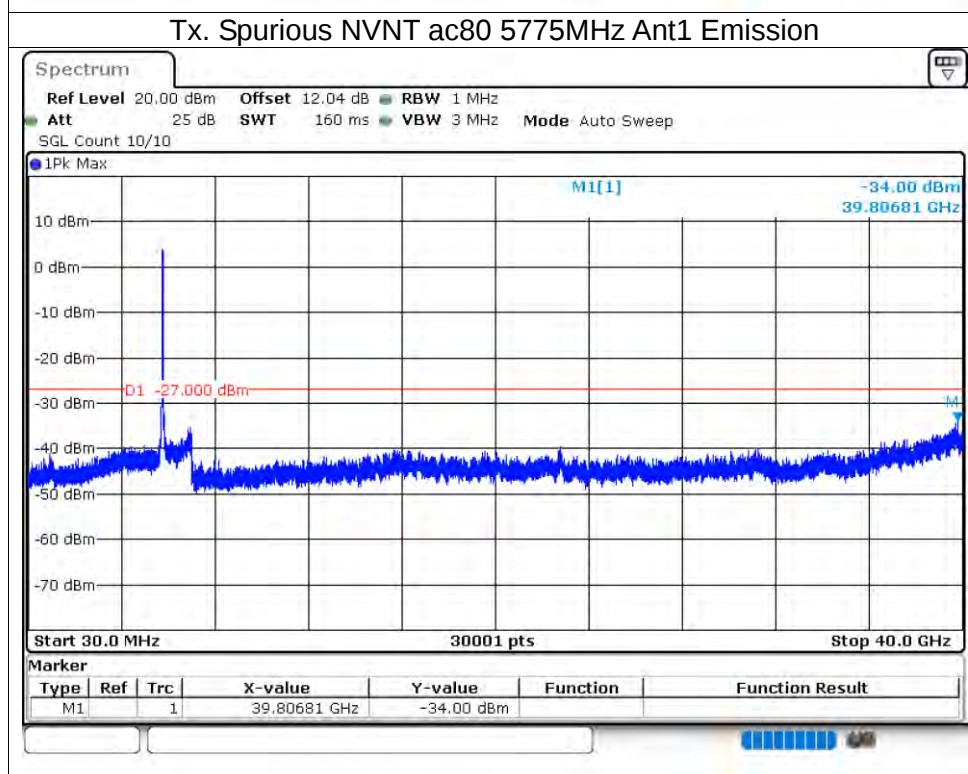
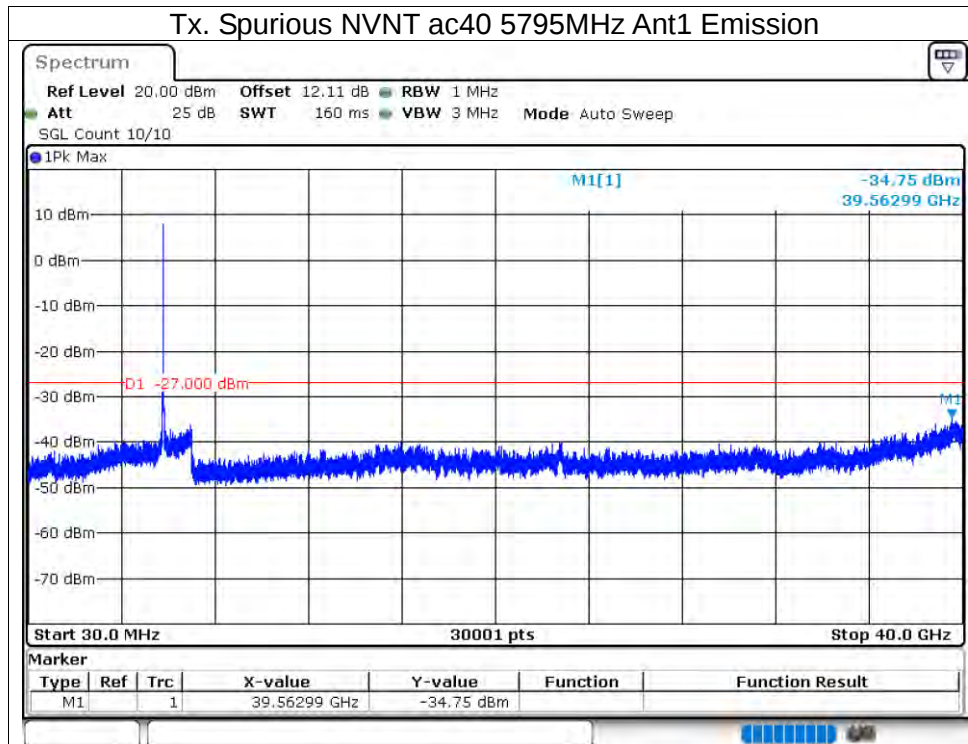
### Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



### Tx. Spurious NVNT ac20 5785MHz Ant1 Emission







END OF REPORT