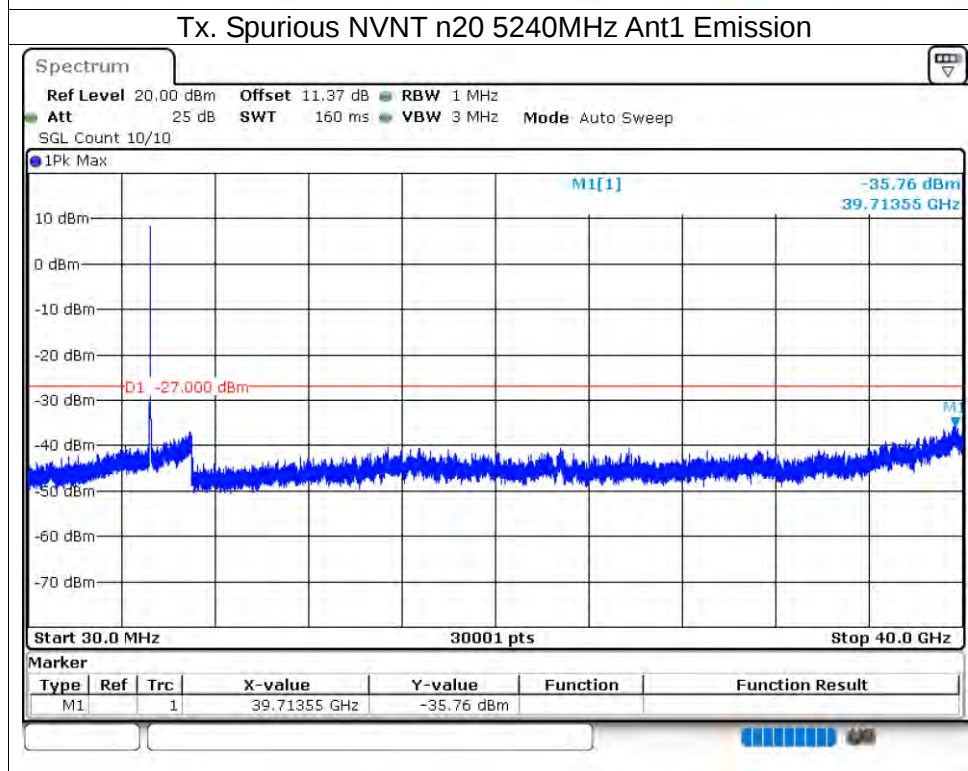
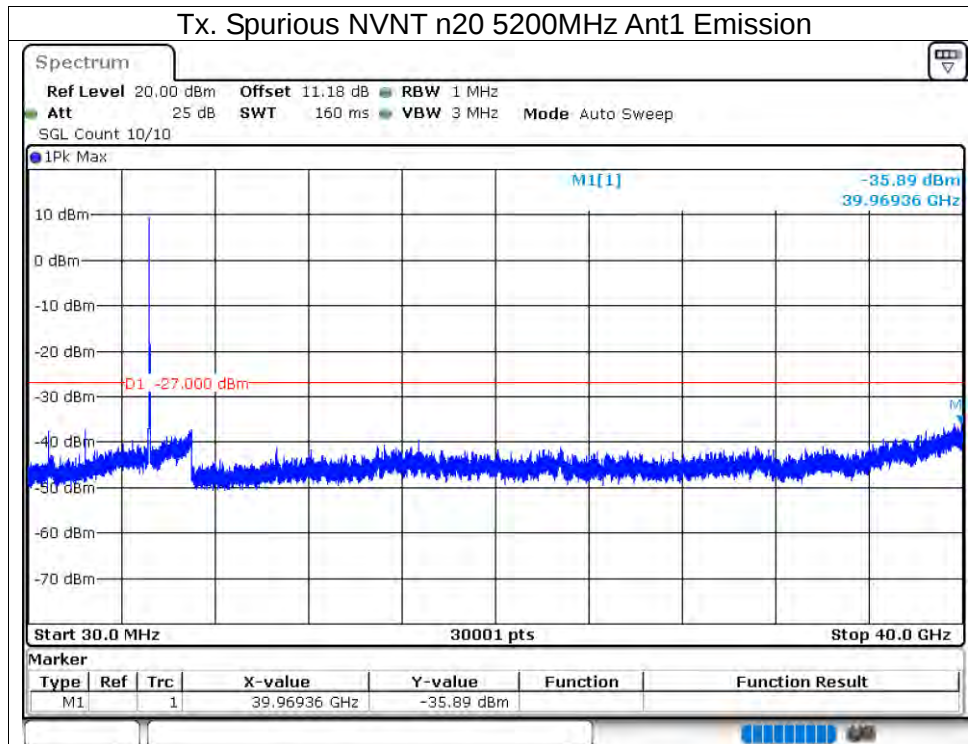
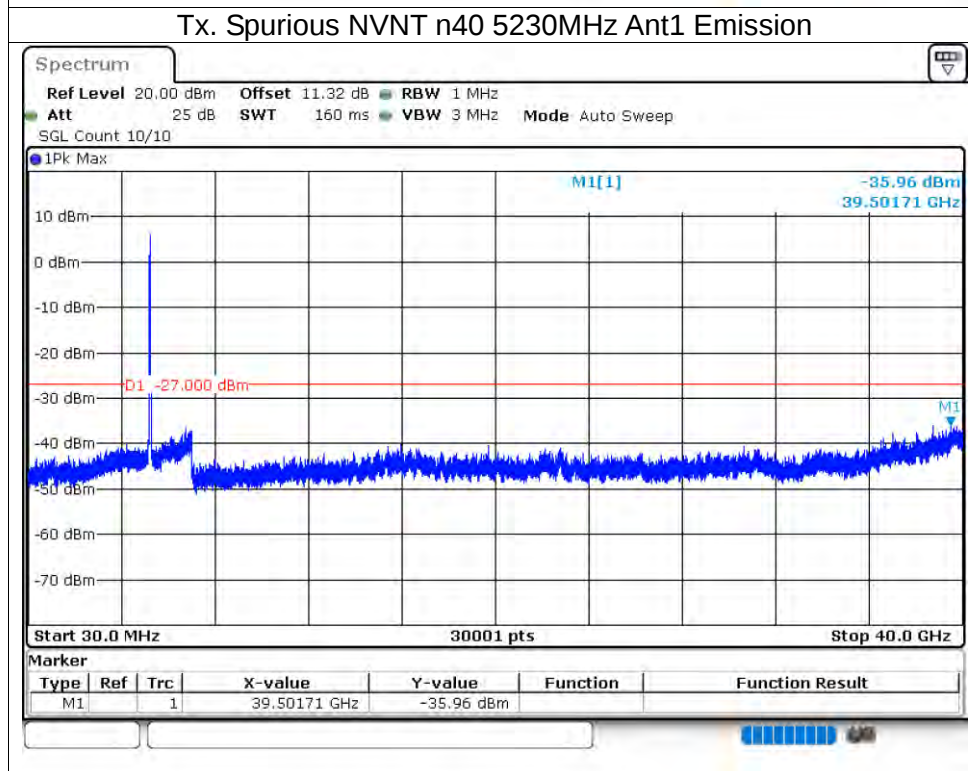
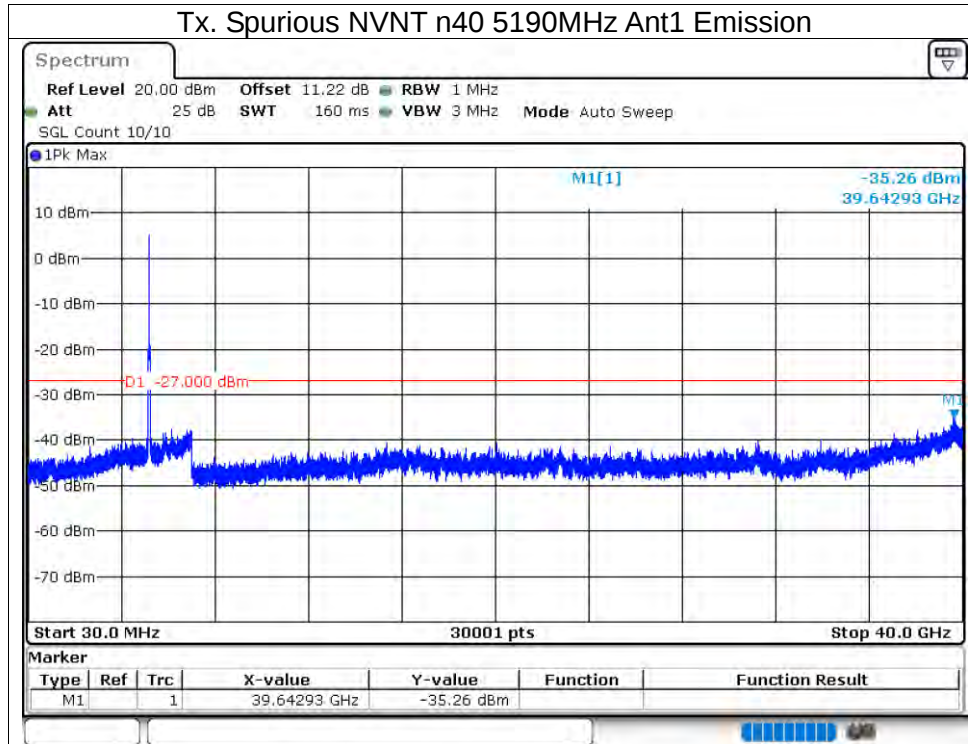
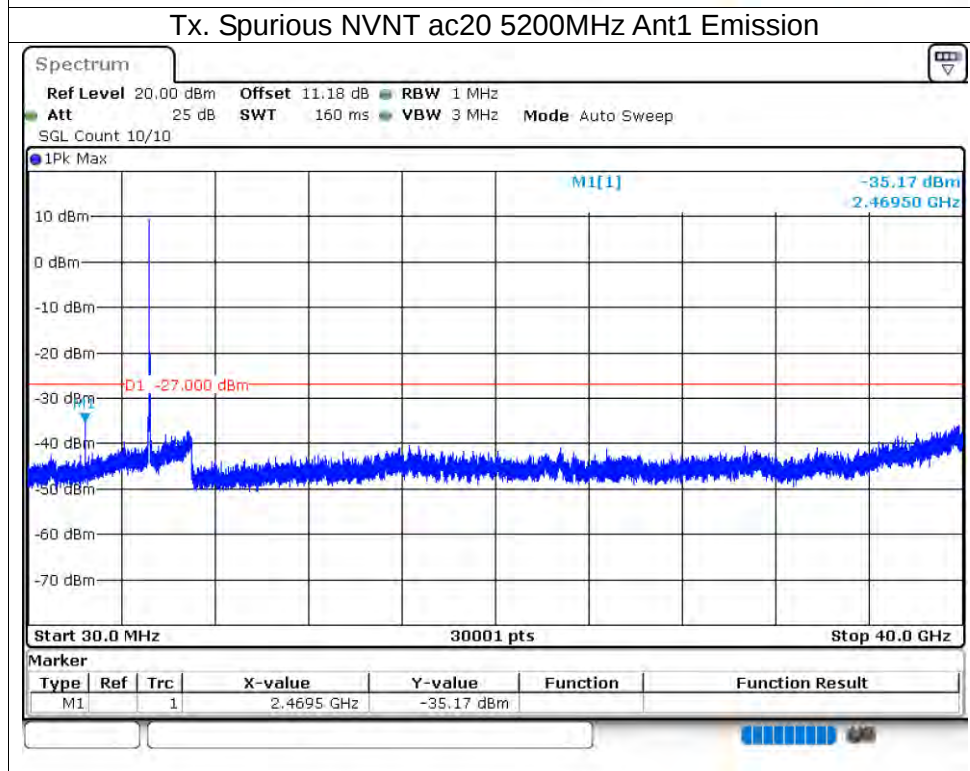
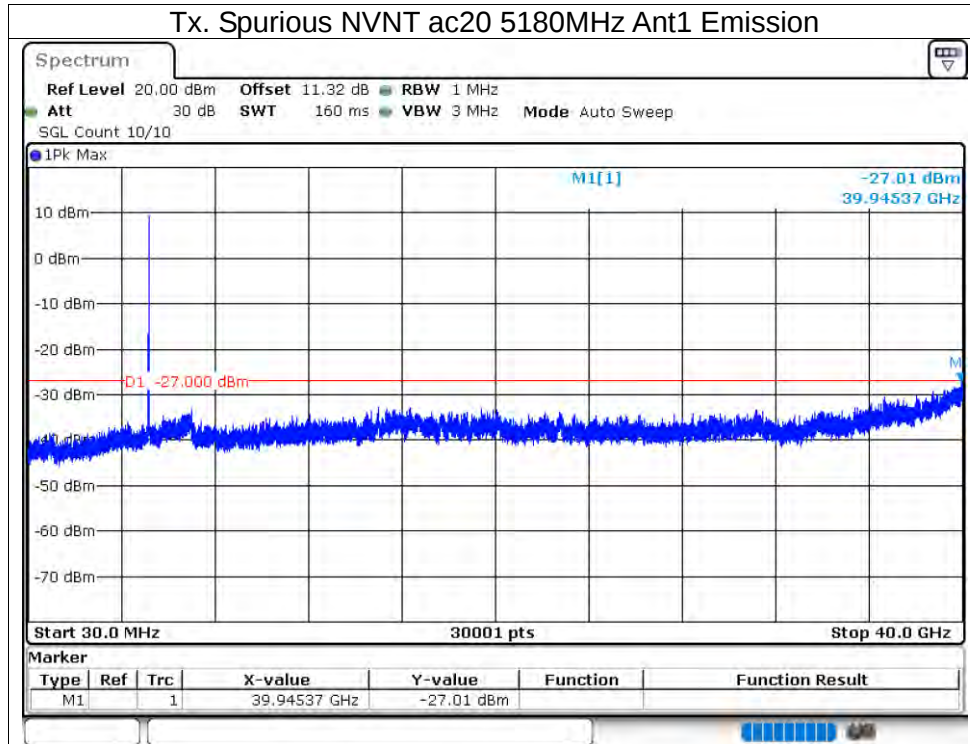
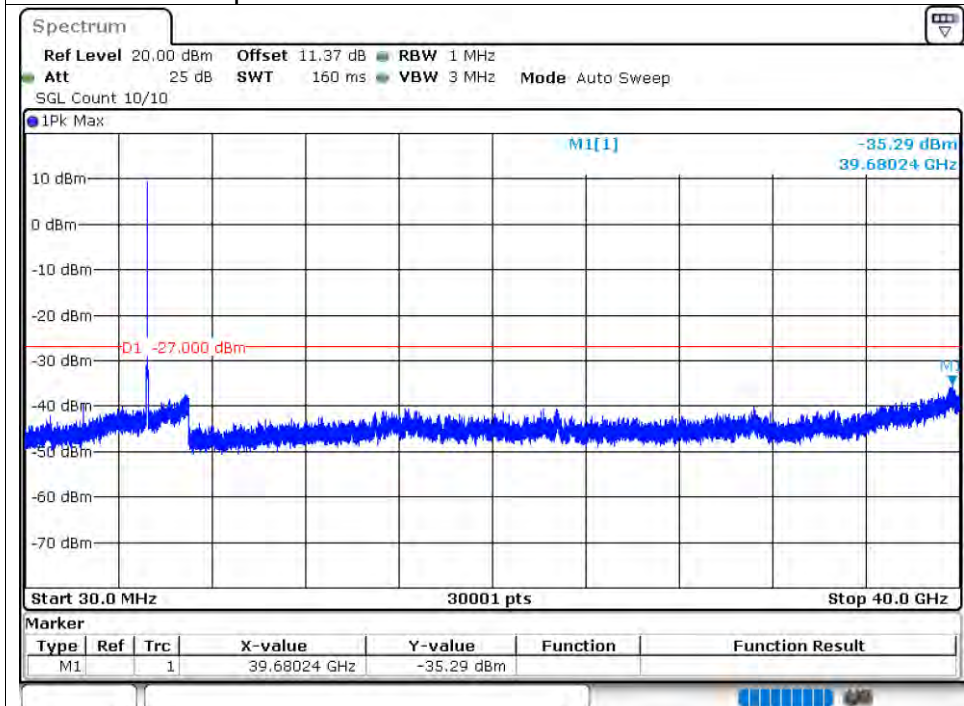




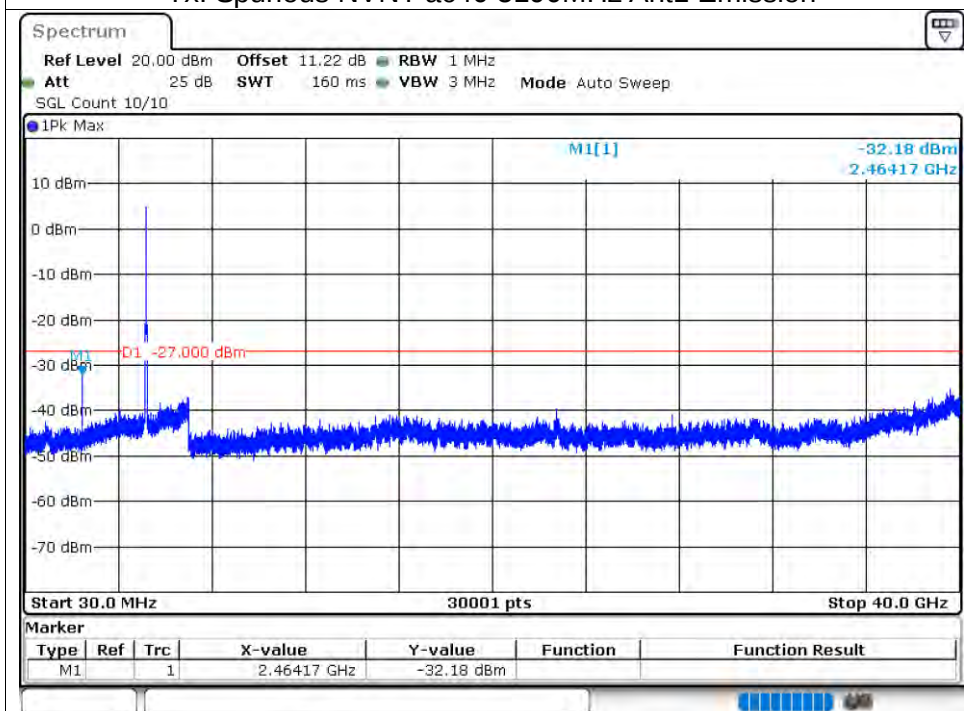


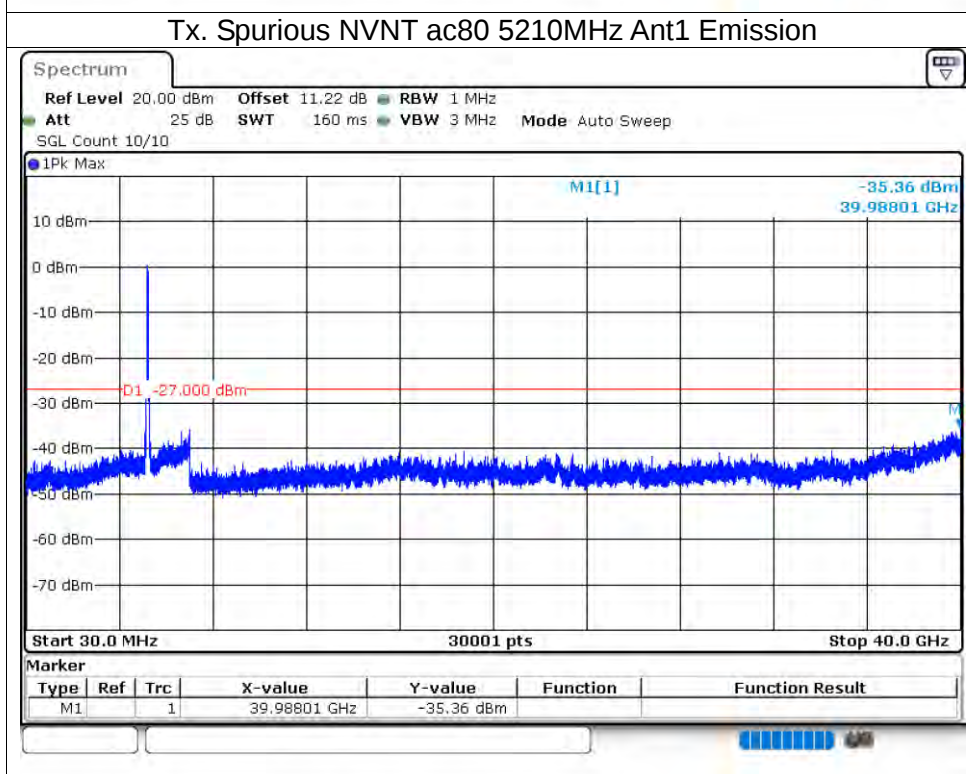
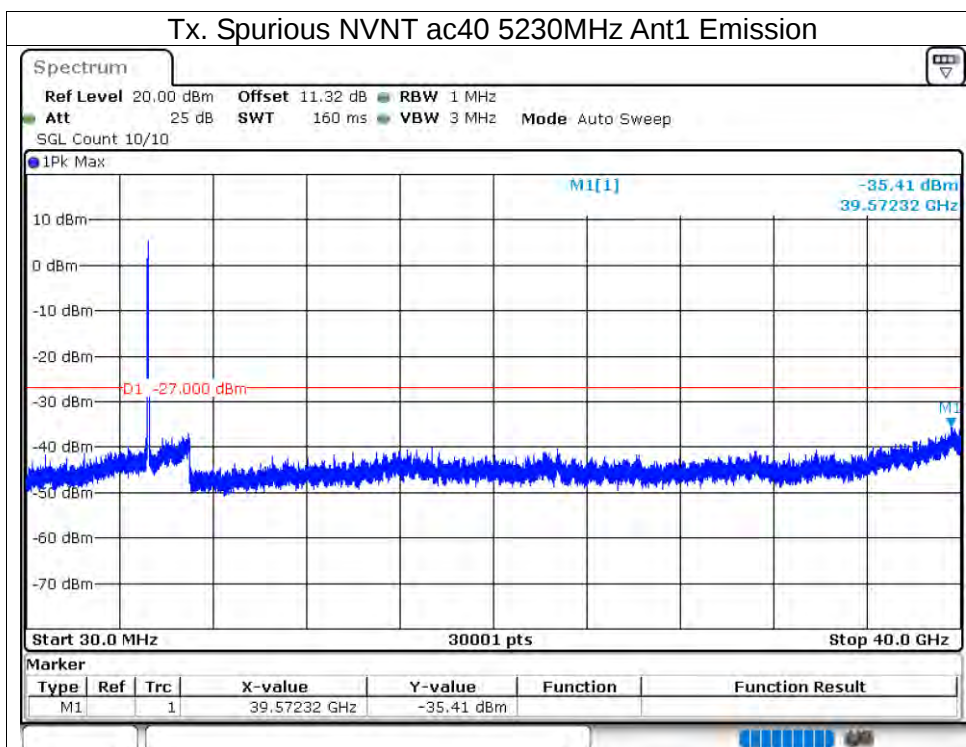


### Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



### Tx. Spurious NVNT ac40 5190MHz Ant1 Emission

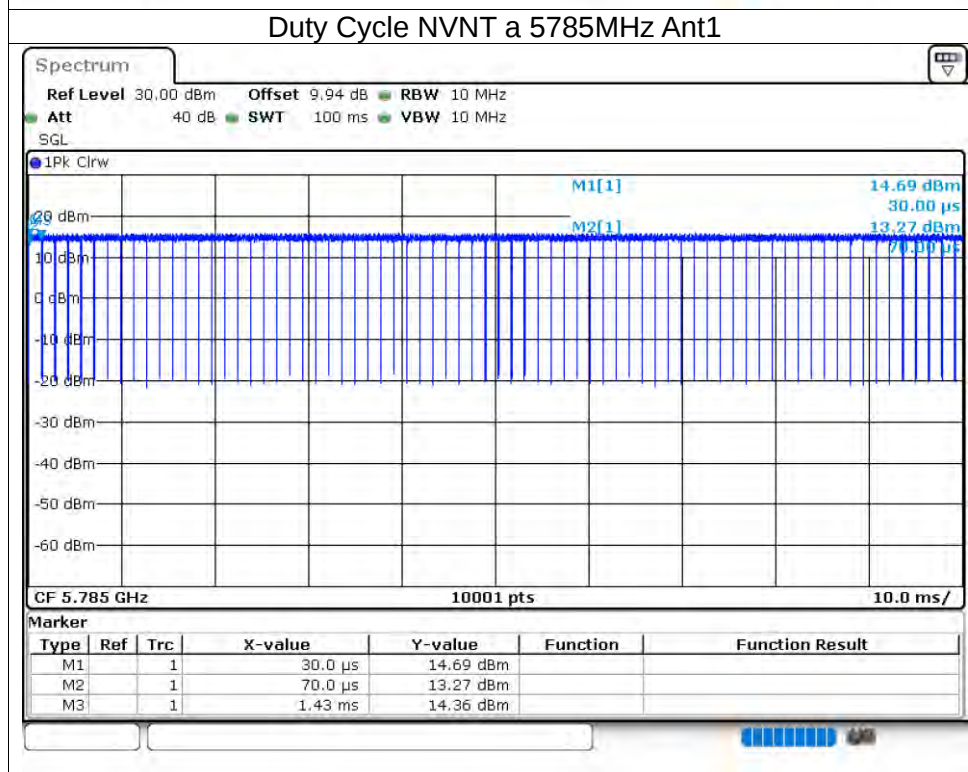
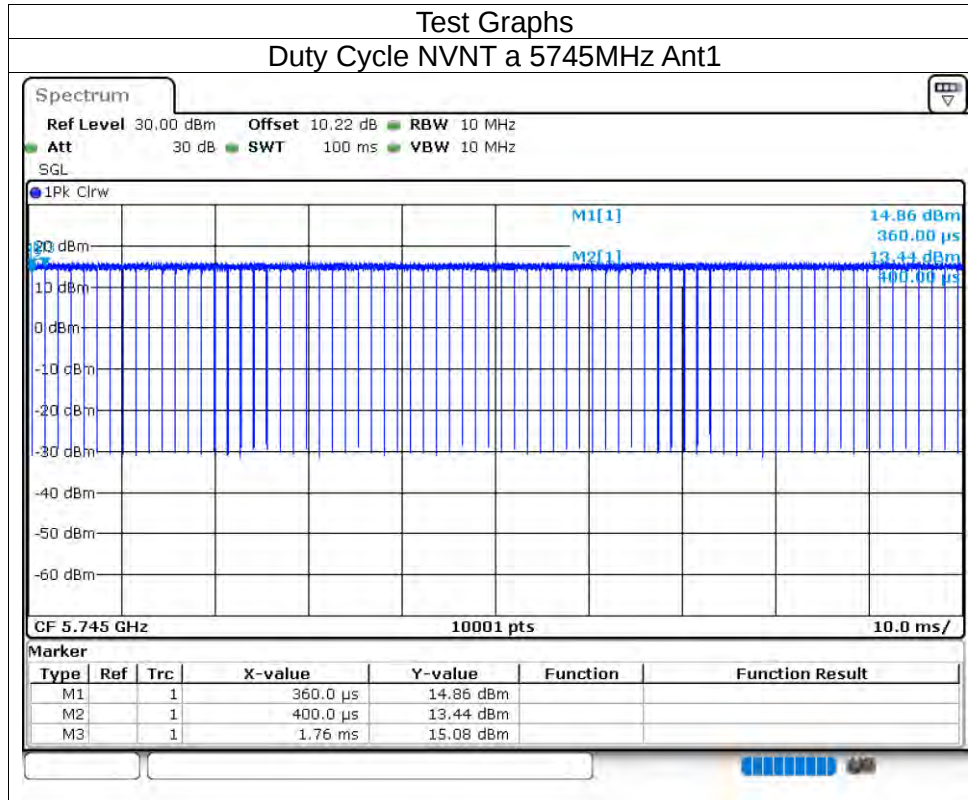


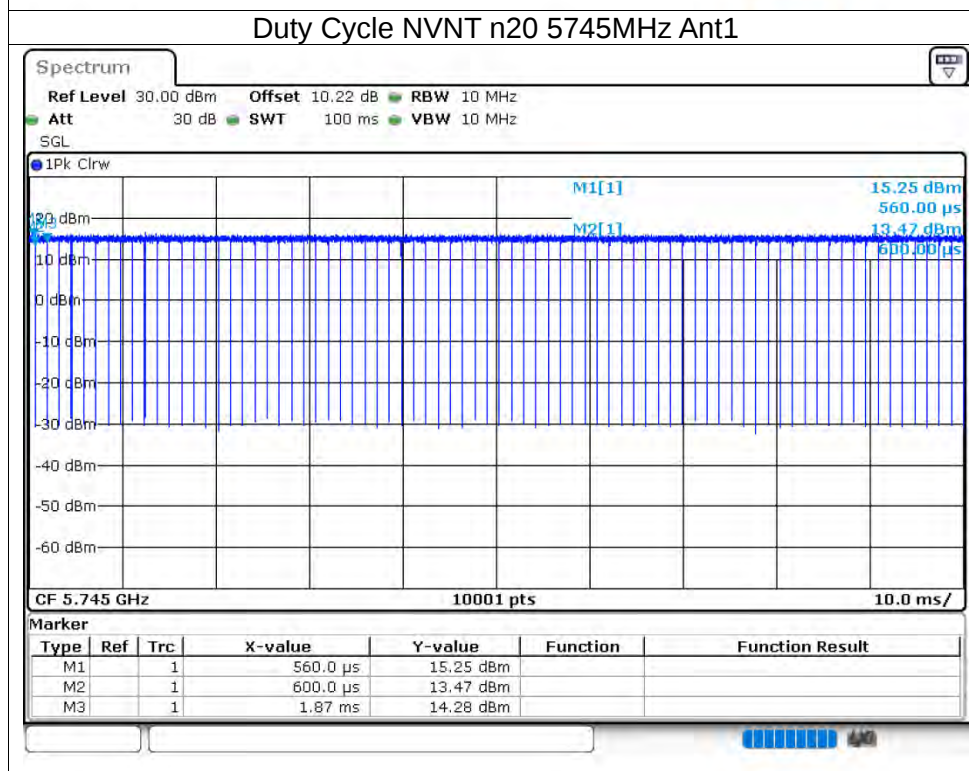
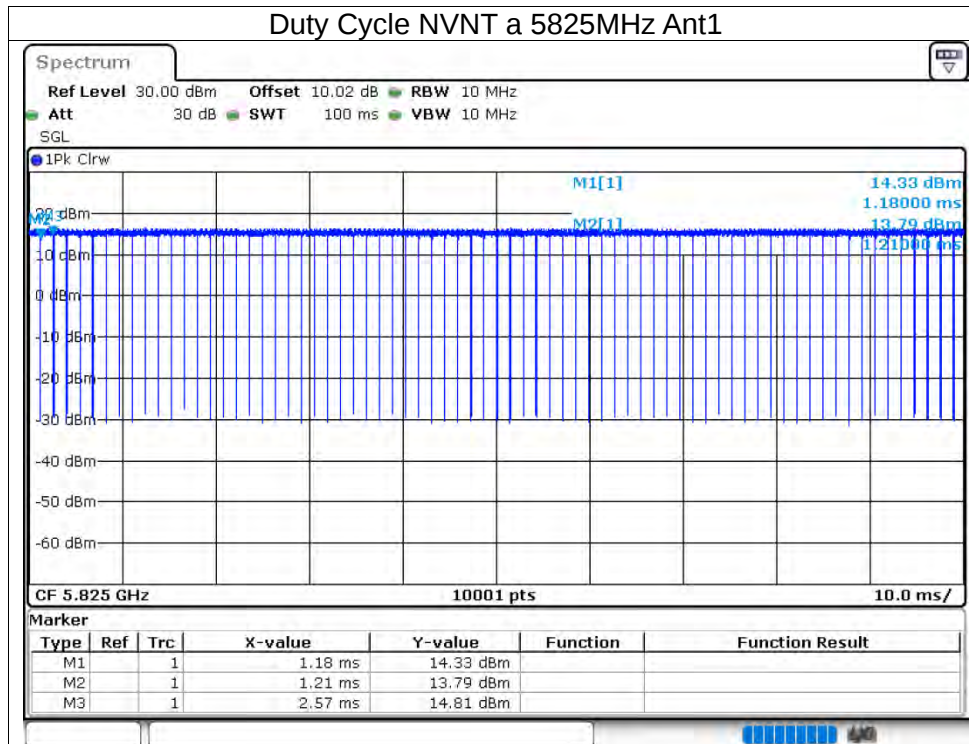


## 5.8G WIFI

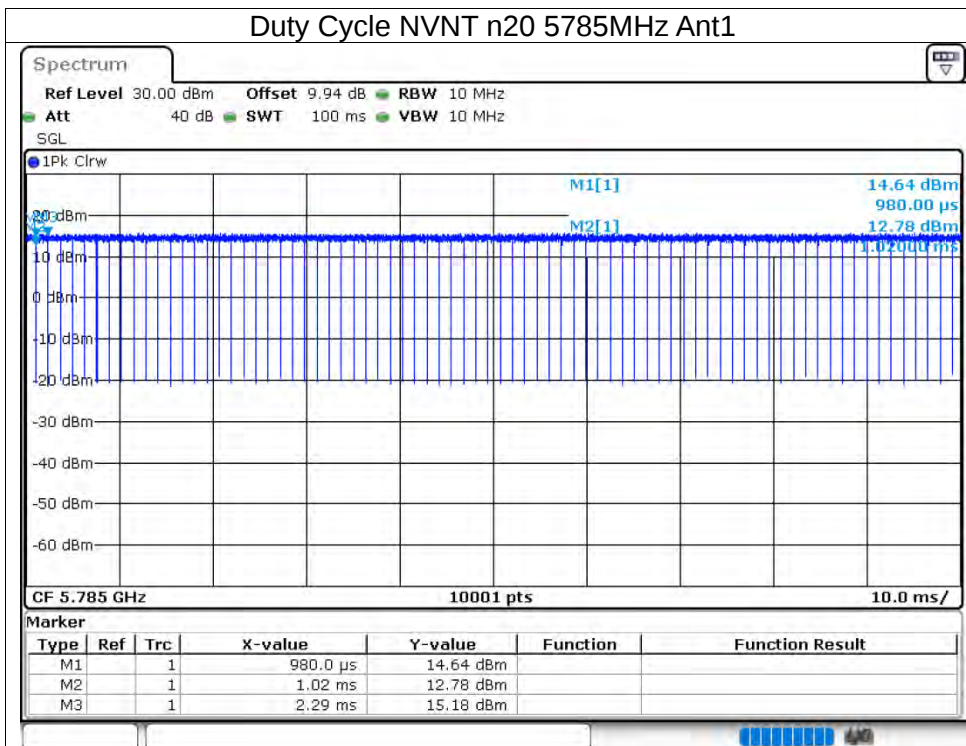
### 5.1 DUTY CYCLE

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 98.15          | 0.08                   | 0.74      |
| NVNT      | a    | 5785            | Ant1    | 98.11          | 0.08                   | 0.74      |
| NVNT      | a    | 5825            | Ant1    | 98.18          | 0.08                   | 0.74      |
| NVNT      | n20  | 5745            | Ant1    | 98             | 0.09                   | 0.79      |
| NVNT      | n20  | 5785            | Ant1    | 97.99          | 0.09                   | 0.79      |
| NVNT      | n20  | 5825            | Ant1    | 98.04          | 0.09                   | 0.79      |
| NVNT      | n40  | 5755            | Ant1    | 96.2           | 0.17                   | 1.59      |
| NVNT      | n40  | 5795            | Ant1    | 96.22          | 0.17                   | 1.56      |
| NVNT      | ac20 | 5745            | Ant1    | 98.05          | 0.09                   | 0.78      |
| NVNT      | ac20 | 5785            | Ant1    | 98.01          | 0.09                   | 0.78      |
| NVNT      | ac20 | 5825            | Ant1    | 98.05          | 0.09                   | 0.78      |
| NVNT      | ac40 | 5755            | Ant1    | 96.26          | 0.17                   | 1.56      |
| NVNT      | ac40 | 5795            | Ant1    | 96.24          | 0.17                   | 1.56      |
| NVNT      | ac80 | 5775            | Ant1    | 92.69          | 0.33                   | 3.13      |

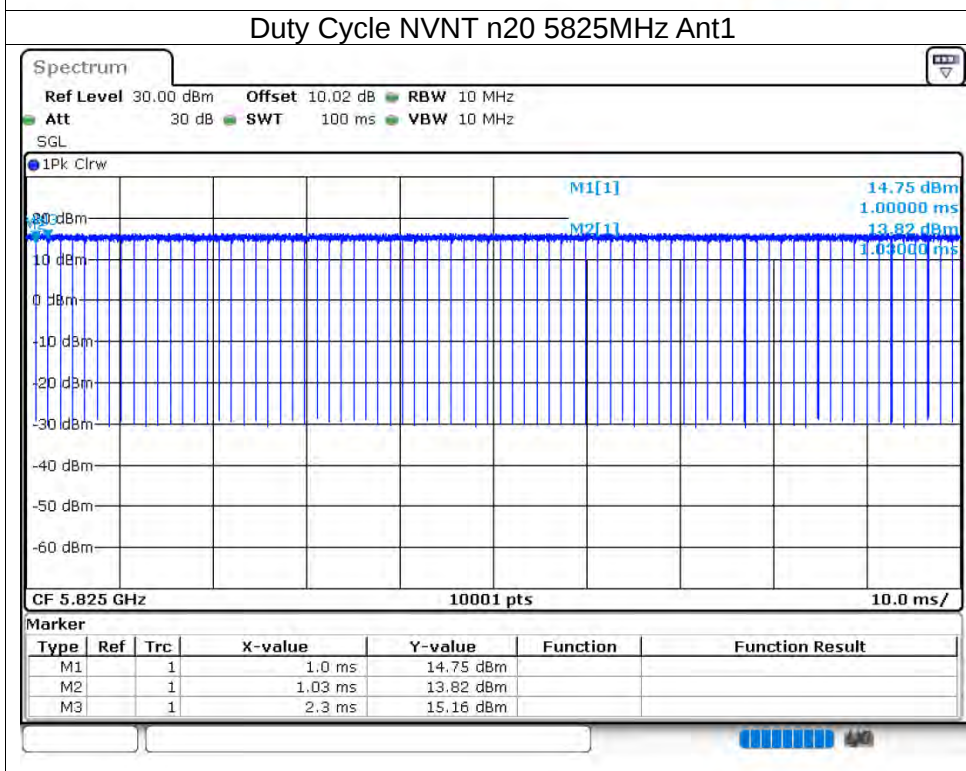




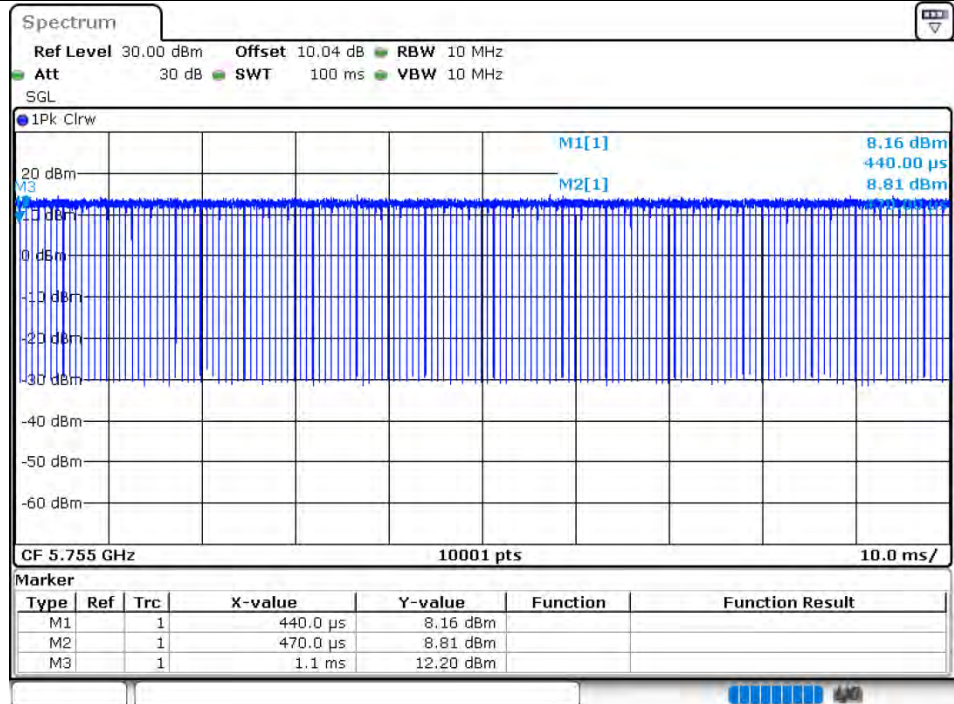
### Duty Cycle NVNT n20 5785MHz Ant1



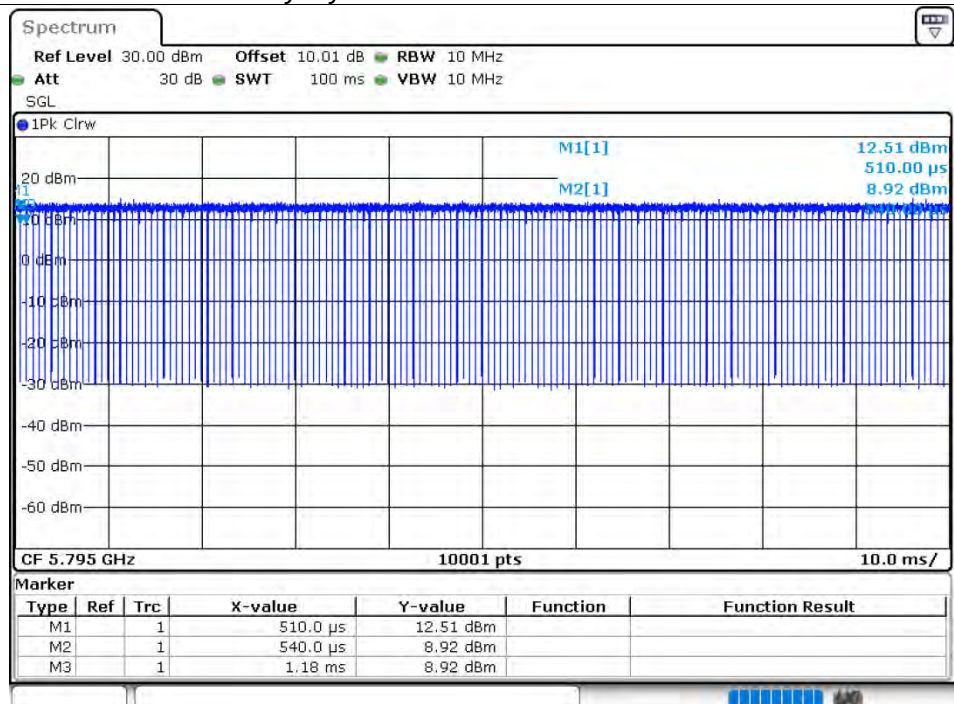
### Duty Cycle NVNT n20 5825MHz Ant1



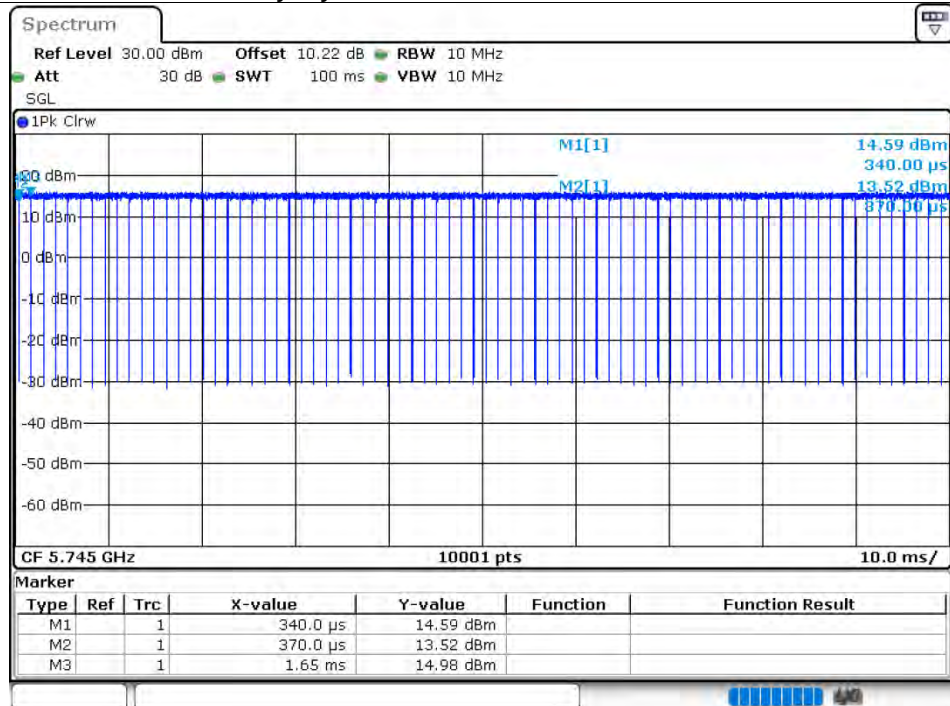
### Duty Cycle NVNT n40 5755MHz Ant1



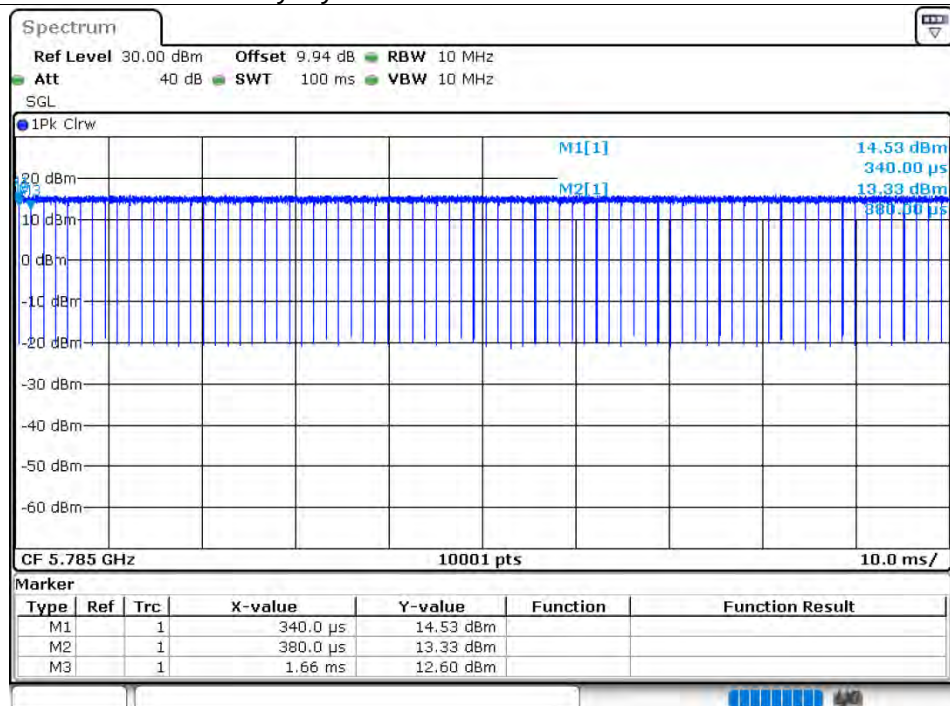
### Duty Cycle NVNT n40 5795MHz Ant1



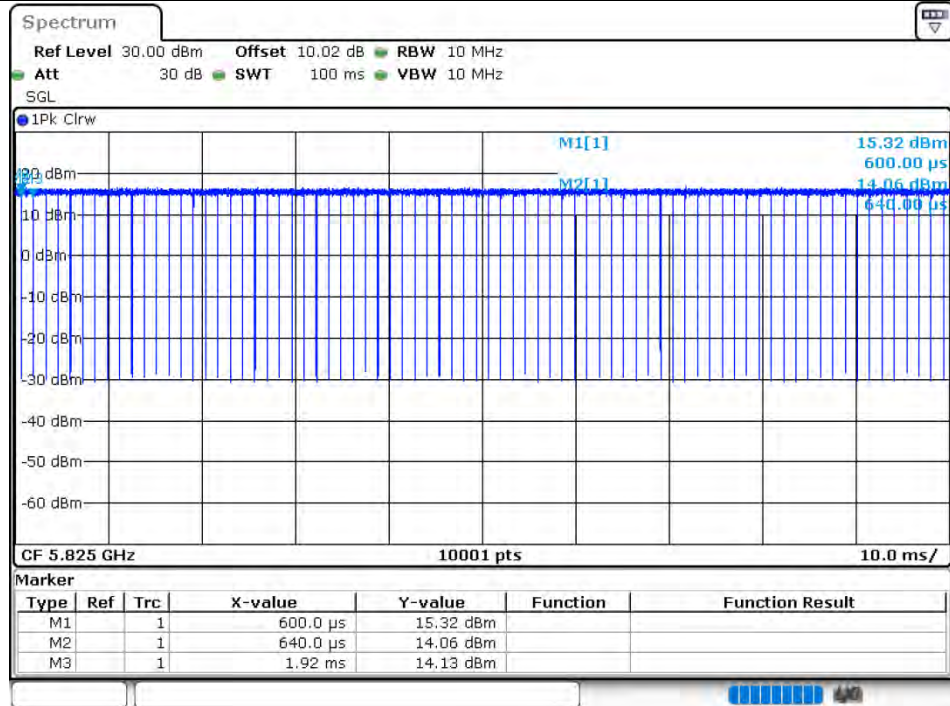
### Duty Cycle NVNT ac20 5745MHz Ant1



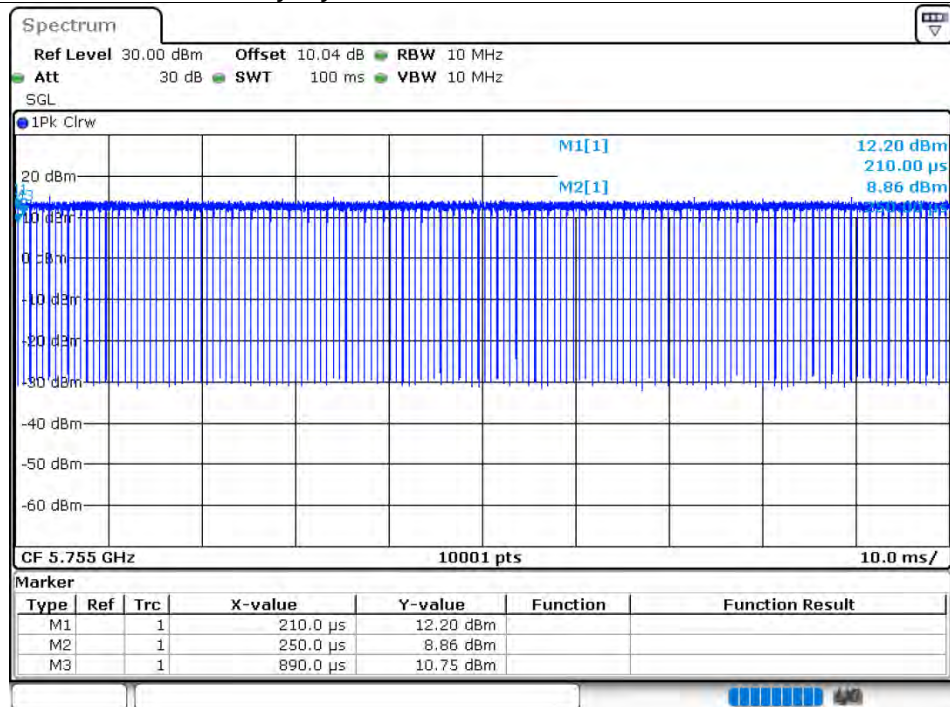
### Duty Cycle NVNT ac20 5785MHz Ant1



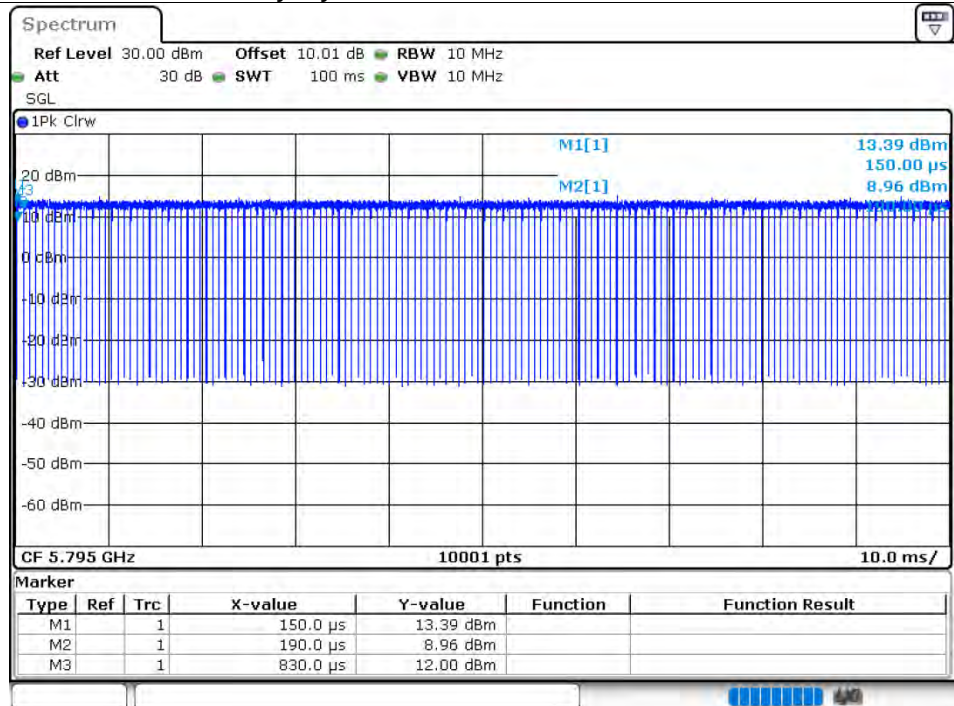
### Duty Cycle NVNT ac20 5825MHz Ant1



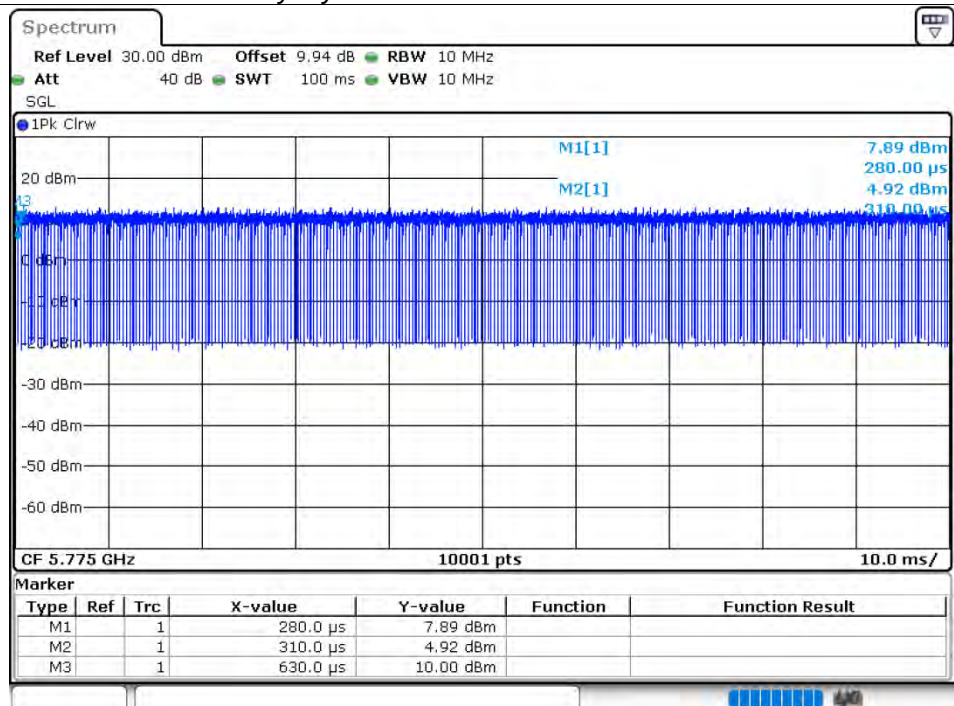
### Duty Cycle NVNT ac40 5755MHz Ant1



### Duty Cycle NVNT ac40 5795MHz Ant1



### Duty Cycle NVNT ac80 5775MHz Ant1



## 5.2 MAXIMUM CONDUCTED OUTPUT POWER

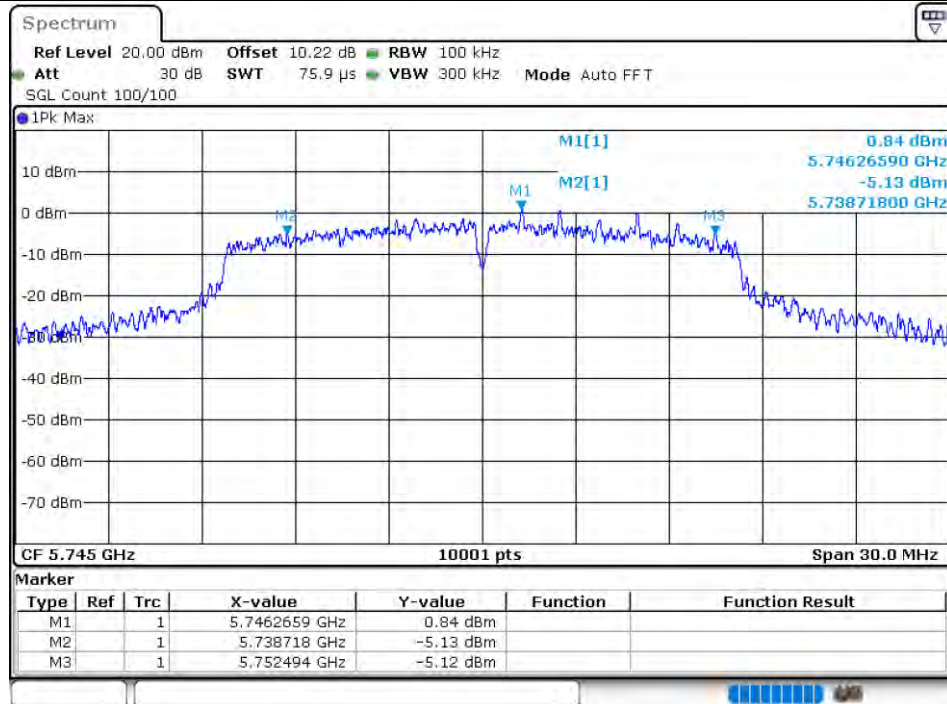
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 10.15                 | 0.08             | 10.23             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 10.14                 | 0.08             | 10.22             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 10.9                  | 0.08             | 10.98             | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 9.99                  | 0.09             | 10.08             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 9.73                  | 0.09             | 9.82              | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 10.93                 | 0.09             | 11.02             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 9.95                  | 0.17             | 10.12             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 9.58                  | 0.17             | 9.75              | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 10.03                 | 0.09             | 10.12             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 10.07                 | 0.09             | 10.16             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 10.99                 | 0.09             | 11.08             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 10.02                 | 0.17             | 10.19             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 9.57                  | 0.17             | 9.74              | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 9.7                   | 0.33             | 10.03             | 30          | Pass    |

### 5.3 -6DB BANDWIDTH

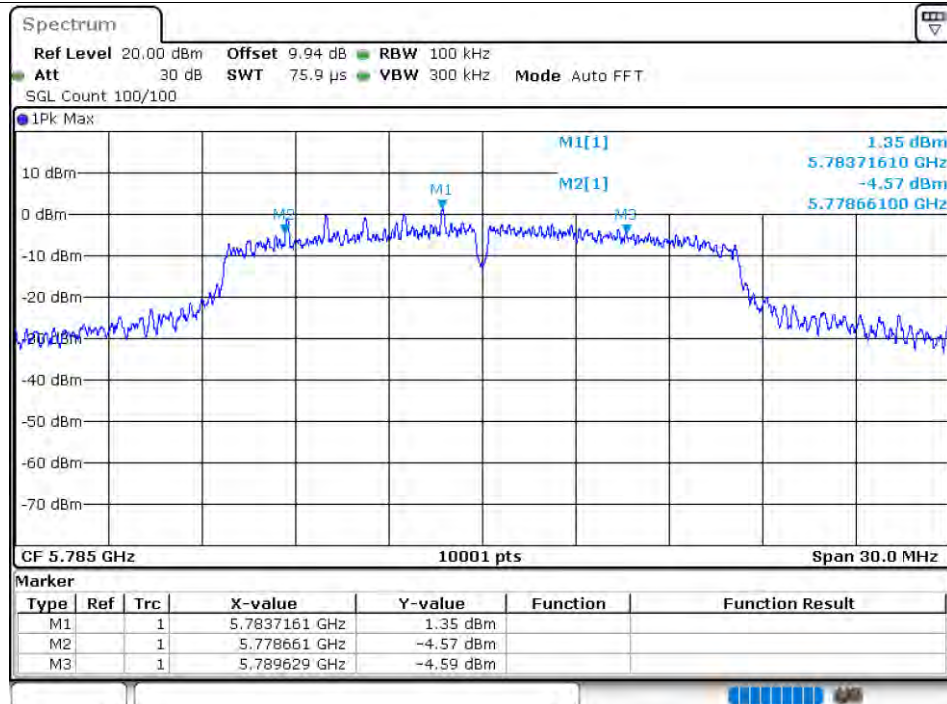
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 13.776                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 10.968                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.296                | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.541                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 13.833                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 14.19                 | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 35.052                | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 31.278                | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.535                | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.55                 | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.169                | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 30.102                | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 28.782                | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.324                | 0.5                         | Pass    |

### Test Graphs

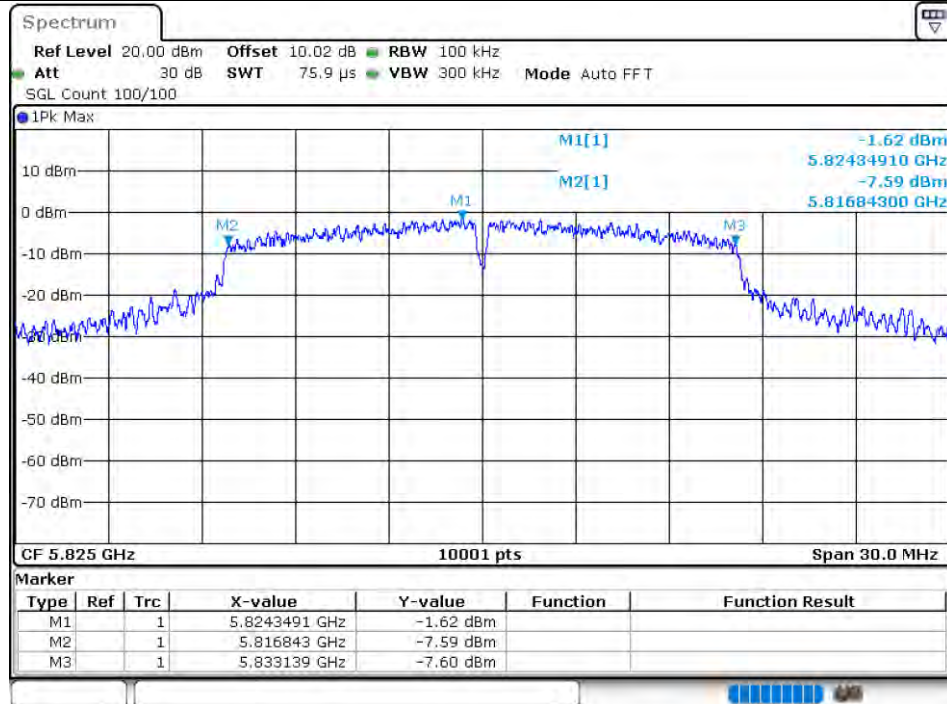
#### -6dB Bandwidth NVNT a 5745MHz Ant1



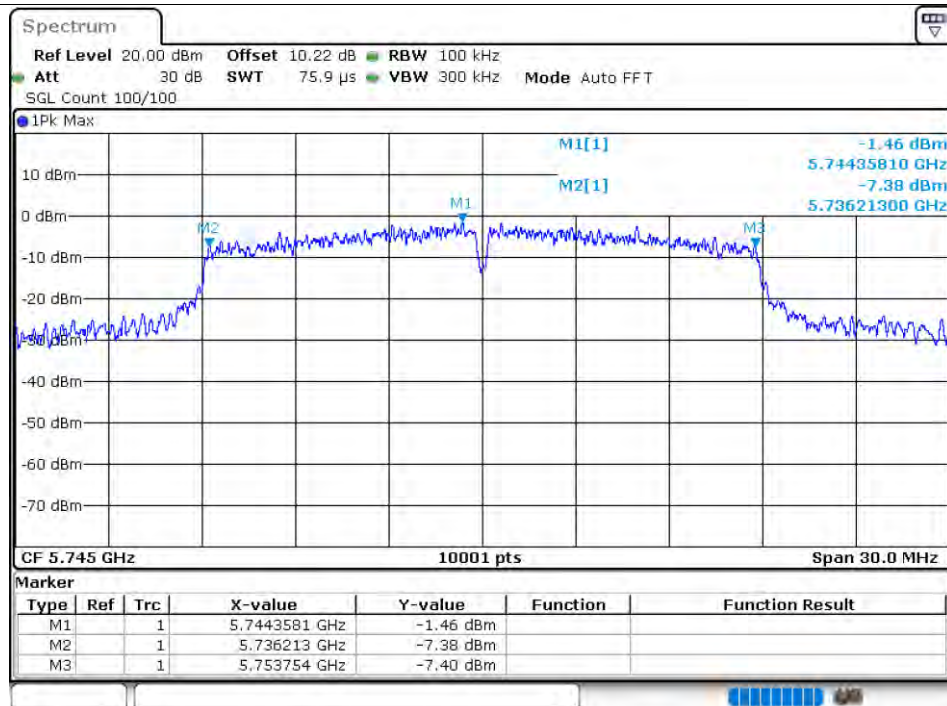
#### -6dB Bandwidth NVNT a 5785MHz Ant1



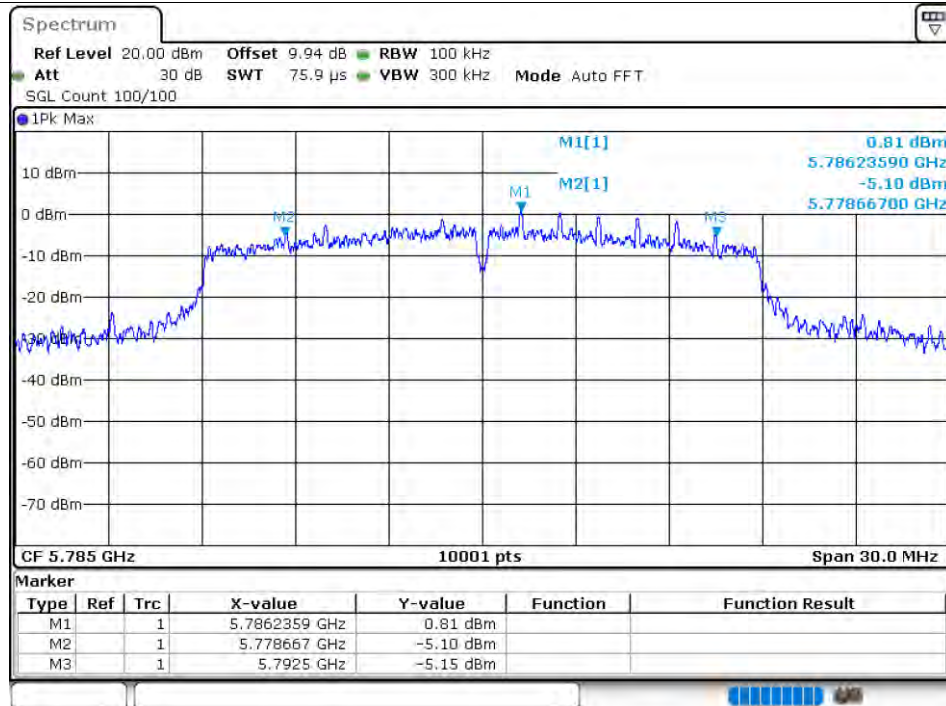
### -6dB Bandwidth NVNT a 5825MHz Ant1



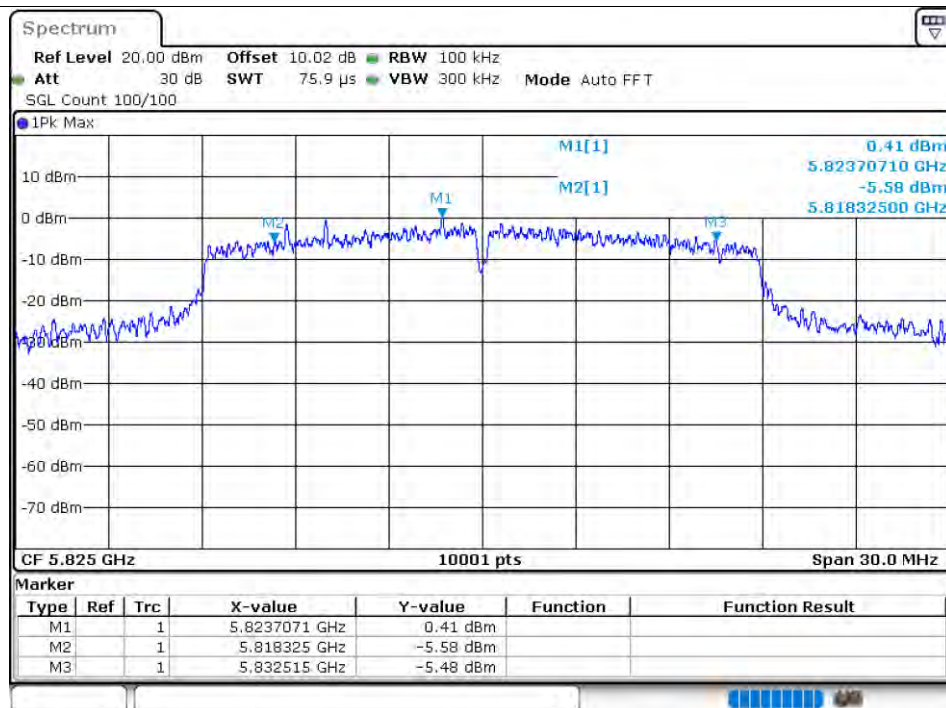
### -6dB Bandwidth NVNT n20 5745MHz Ant1



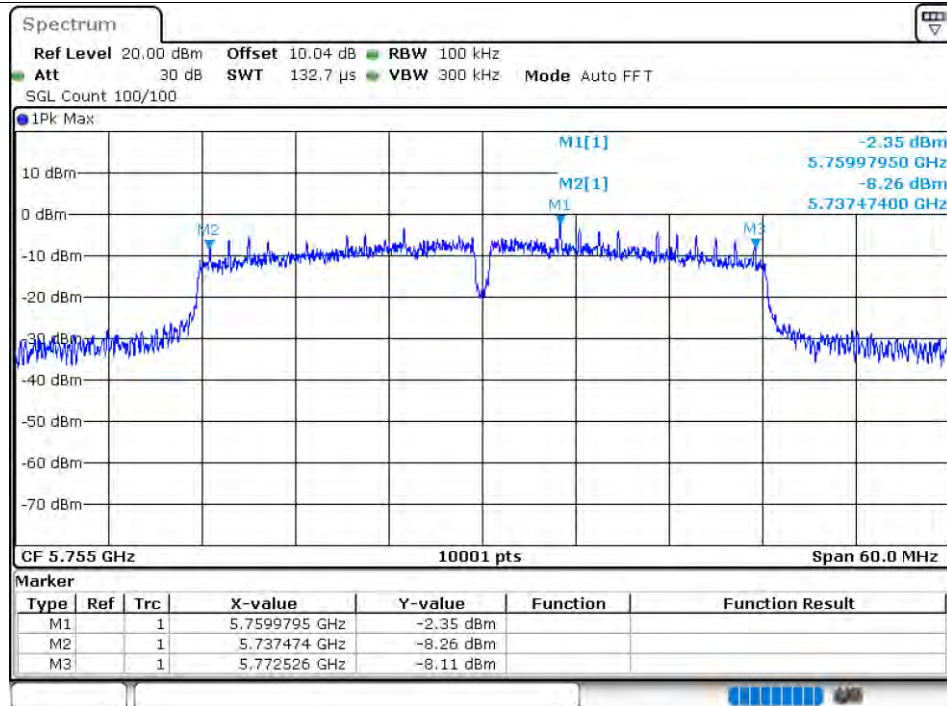
### -6dB Bandwidth NVNT n20 5785MHz Ant1



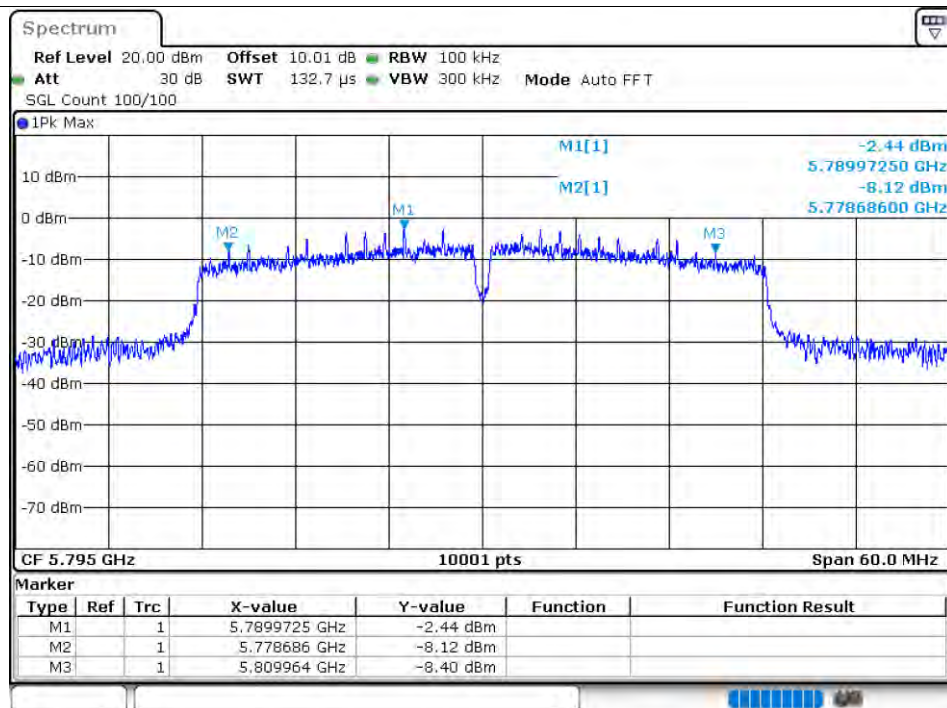
### -6dB Bandwidth NVNT n20 5825MHz Ant1



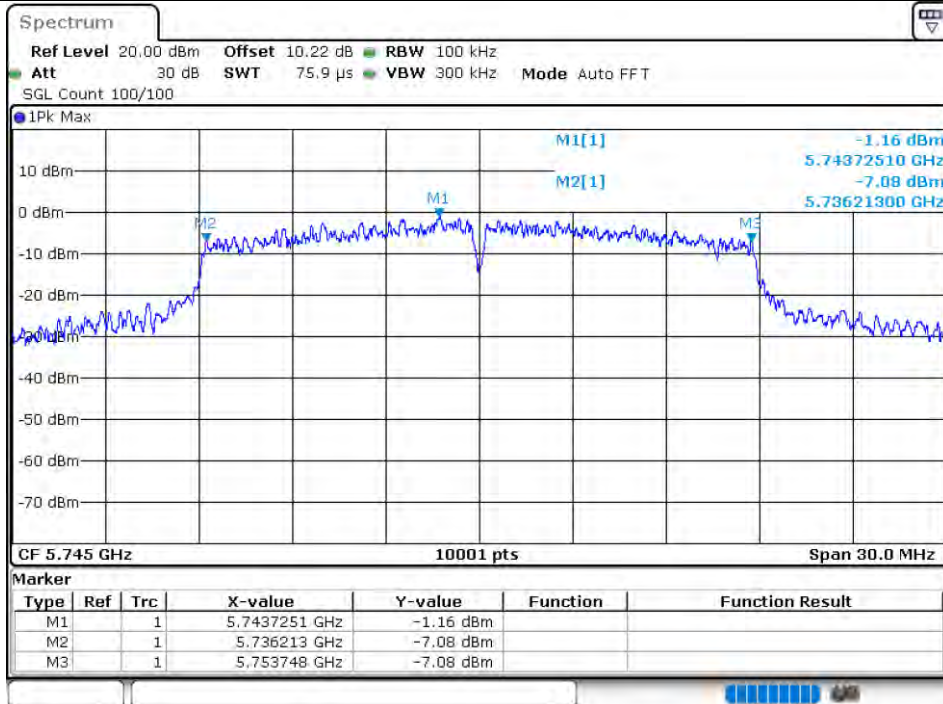
### -6dB Bandwidth NVNT n40 5755MHz Ant1



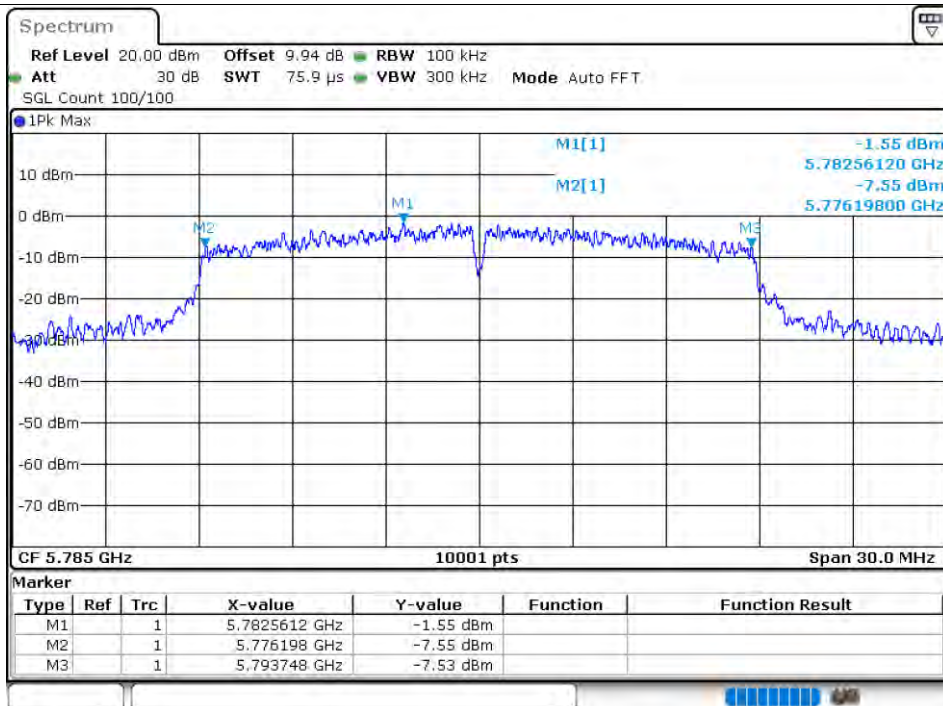
### -6dB Bandwidth NVNT n40 5795MHz Ant1



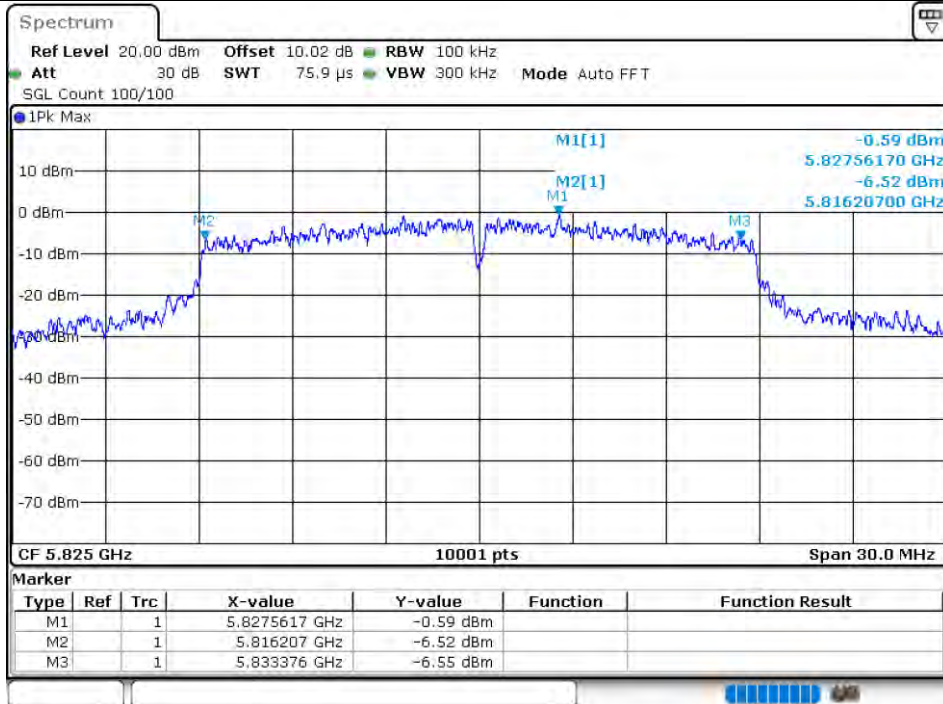
-6dB Bandwidth NVNT ac20 5745MHz Ant1



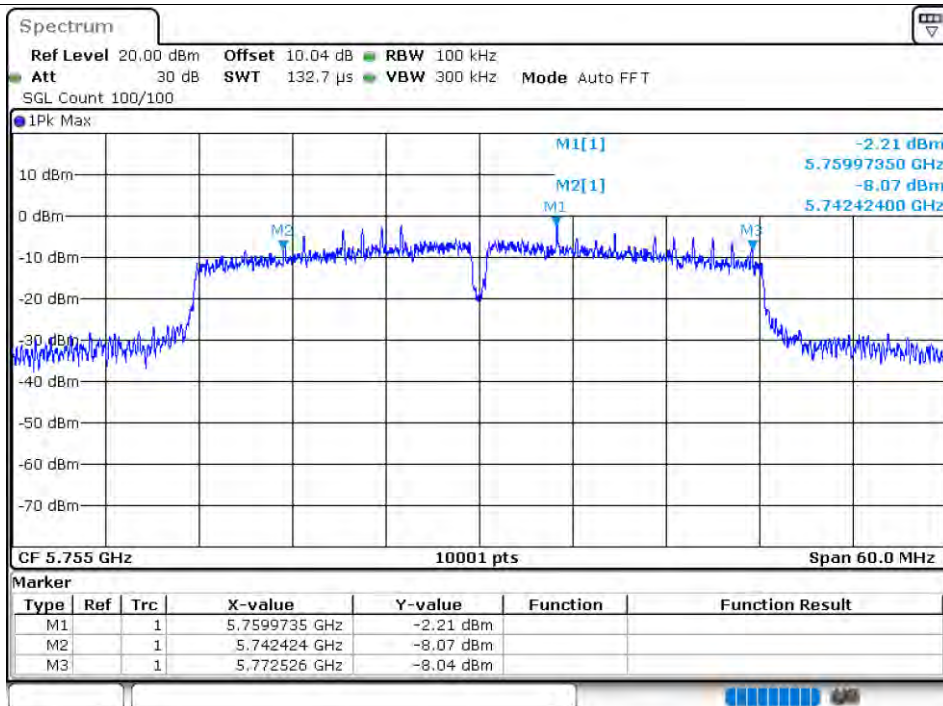
-6dB Bandwidth NVNT ac20 5785MHz Ant1



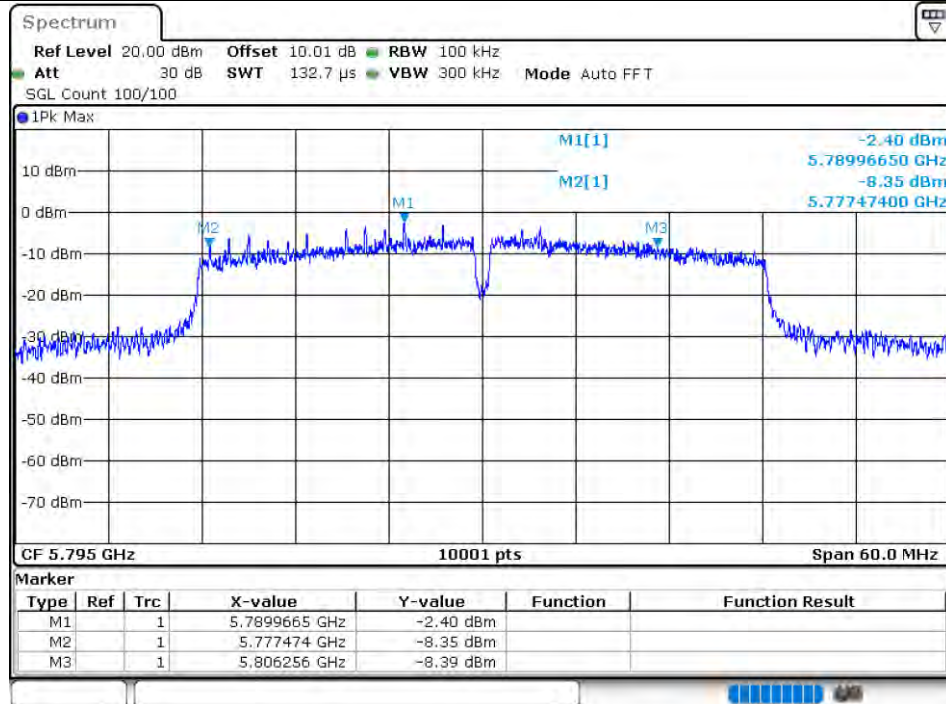
### -6dB Bandwidth NVNT ac20 5825MHz Ant1



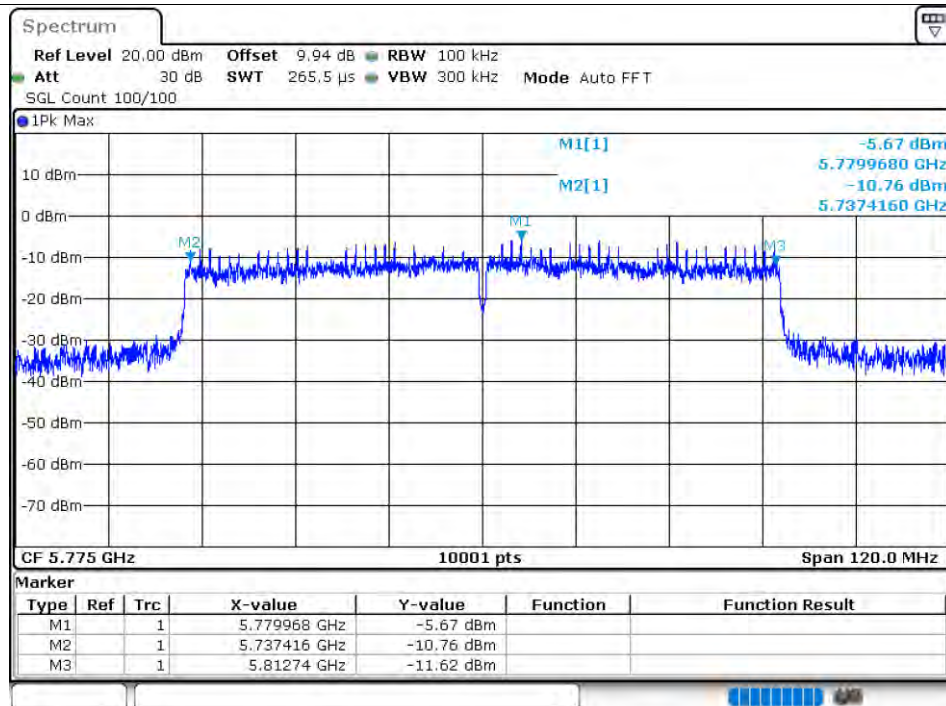
### -6dB Bandwidth NVNT ac40 5755MHz Ant1



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



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

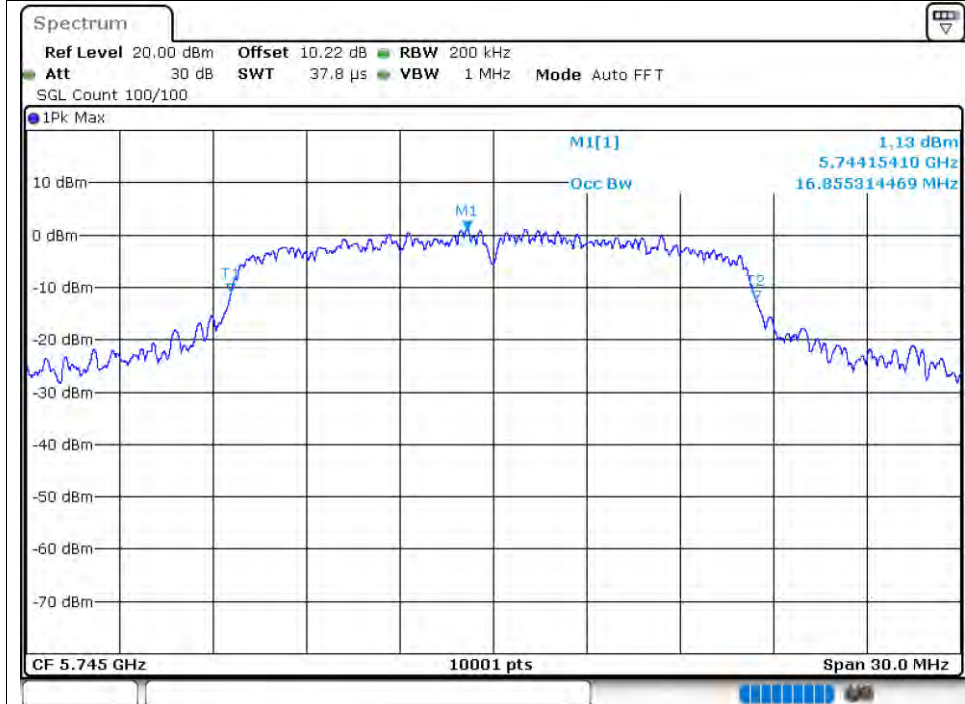


## 5.4 OCCUPIED CHANNEL BANDWIDTH

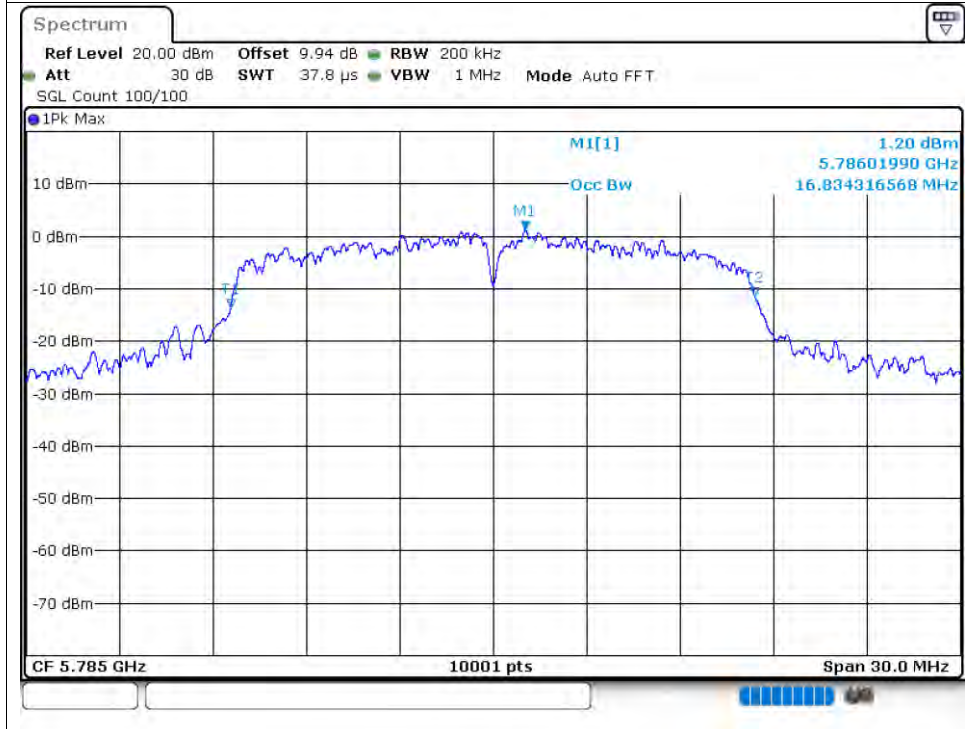
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.855        |
| NVNT      | a    | 5785            | Ant1    | 16.834        |
| NVNT      | a    | 5825            | Ant1    | 16.816        |
| NVNT      | n20  | 5745            | Ant1    | 17.983        |
| NVNT      | n20  | 5785            | Ant1    | 17.668        |
| NVNT      | n20  | 5825            | Ant1    | 17.8          |
| NVNT      | n40  | 5755            | Ant1    | 36.272        |
| NVNT      | n40  | 5795            | Ant1    | 36.32         |
| NVNT      | ac20 | 5745            | Ant1    | 17.839        |
| NVNT      | ac20 | 5785            | Ant1    | 17.818        |
| NVNT      | ac20 | 5825            | Ant1    | 17.887        |
| NVNT      | ac40 | 5755            | Ant1    | 36.284        |
| NVNT      | ac40 | 5795            | Ant1    | 36.344        |
| NVNT      | ac80 | 5775            | Ant1    | 76.24         |

### Test Graphs

#### OBW NVNT a 5745MHz Ant1



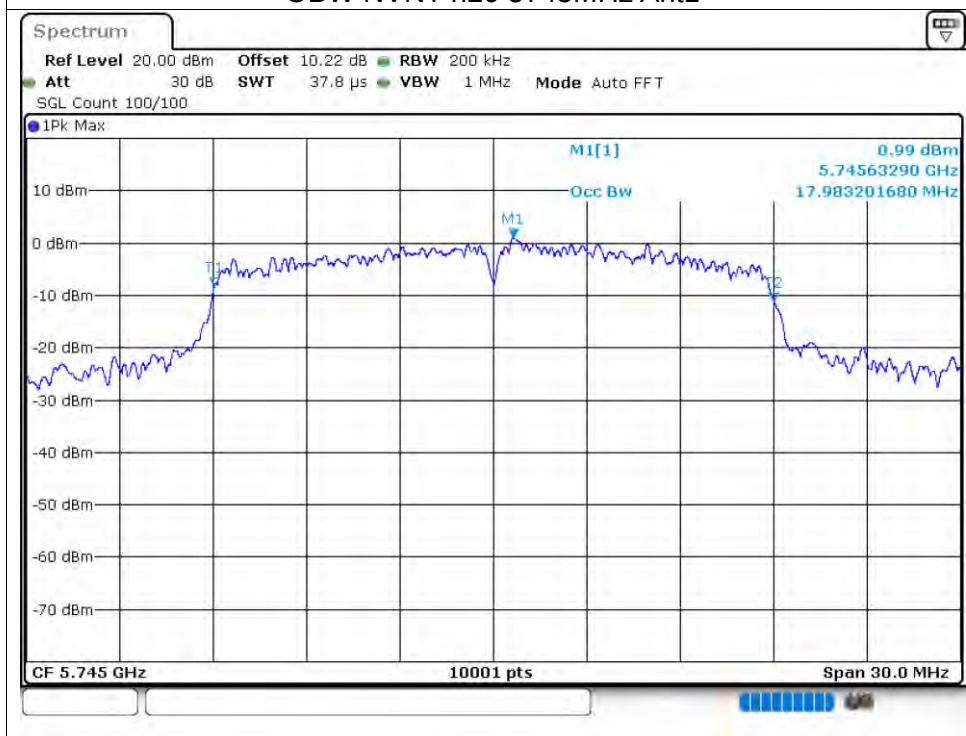
#### OBW NVNT a 5785MHz Ant1



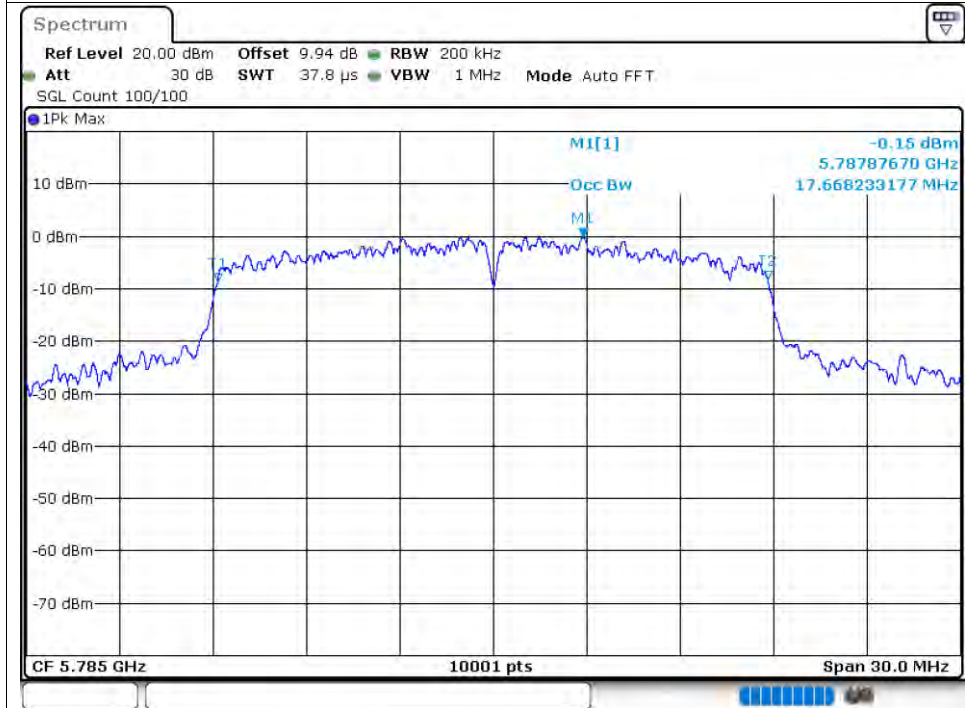
### OBW NVNT a 5825MHz Ant1



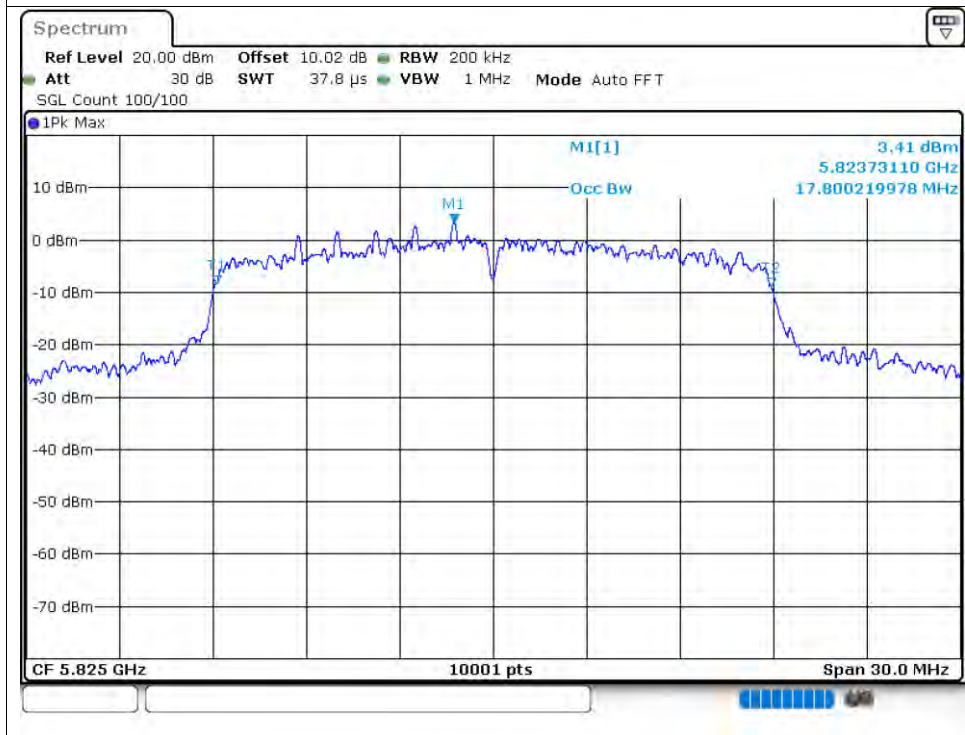
### OBW NVNT n20 5745MHz Ant1



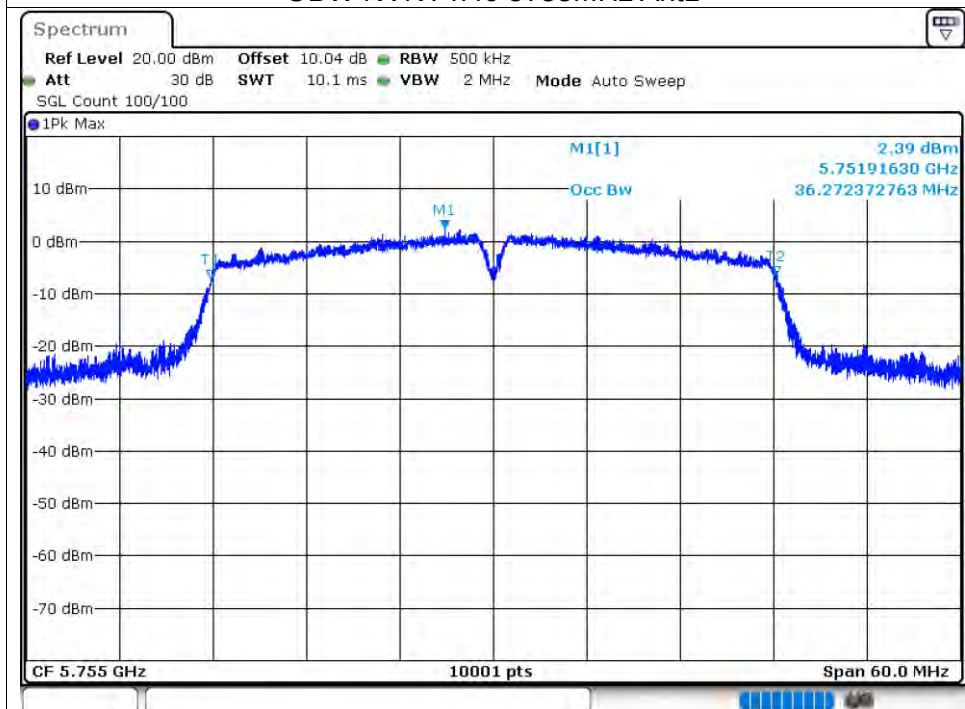
### OBW NVNT n20 5785MHz Ant1



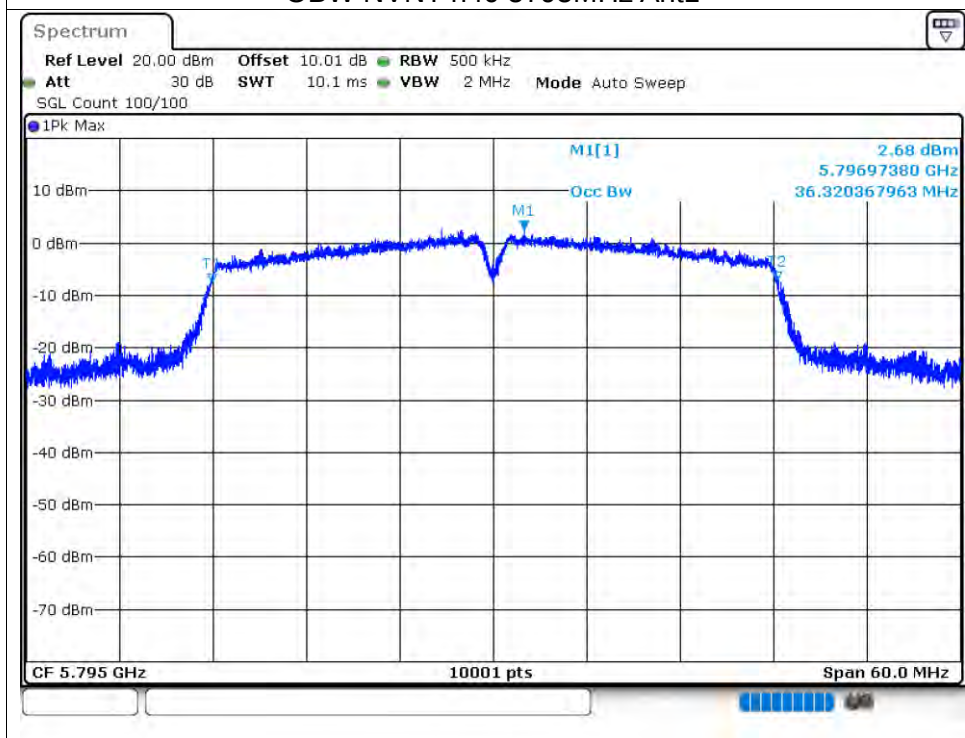
### OBW NVNT n20 5825MHz Ant1



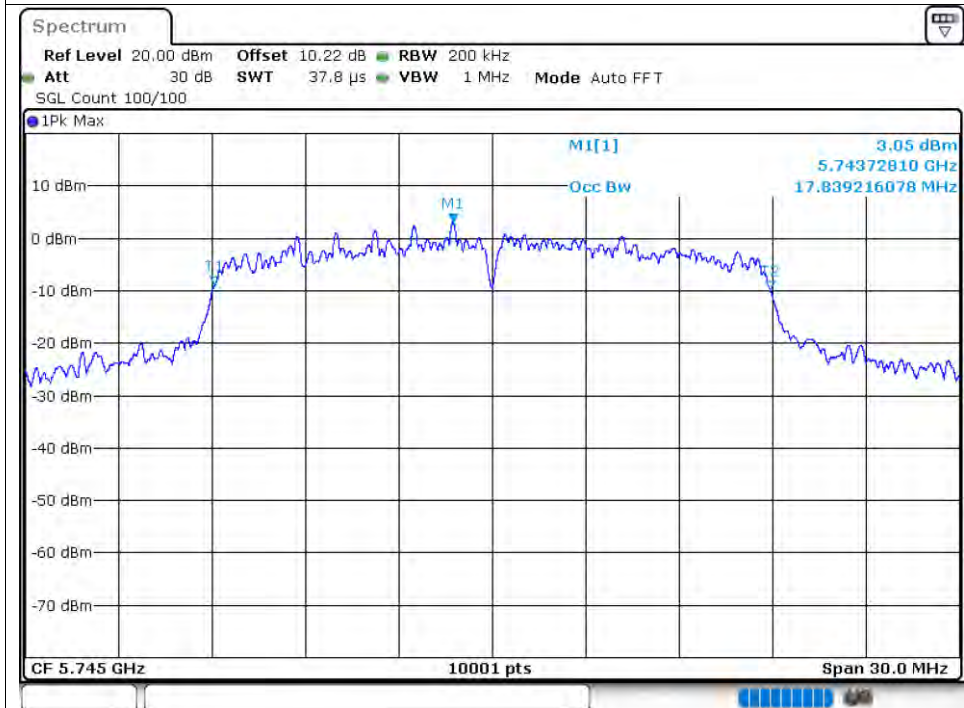
### OBW NVNT n40 5755MHz Ant1



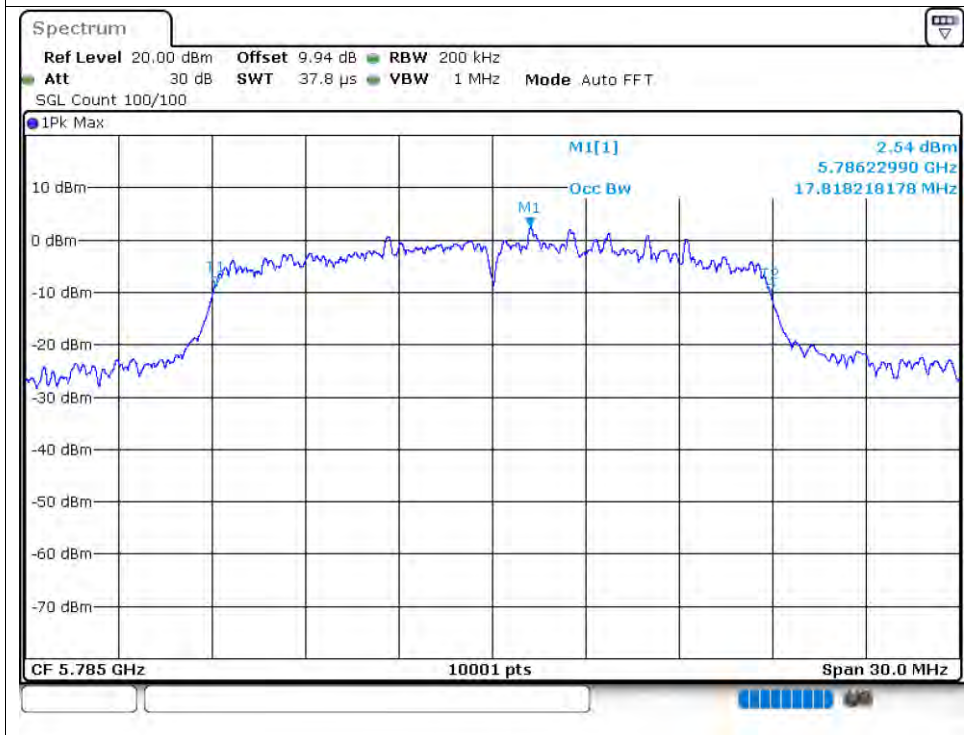
### OBW NVNT n40 5795MHz Ant1



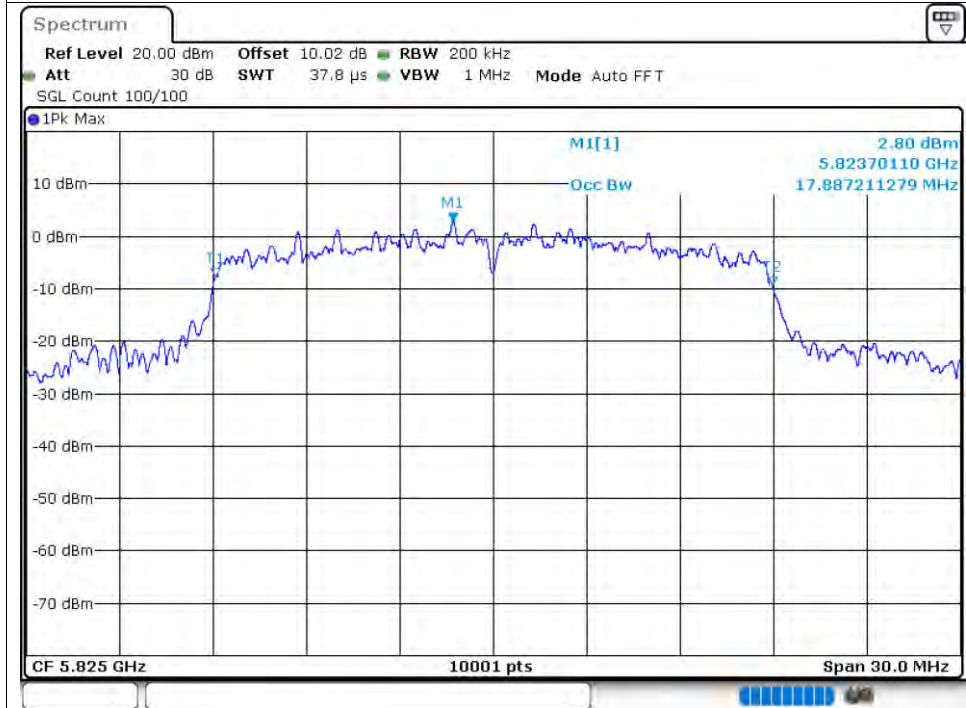
### OBW NVNT ac20 5745MHz Ant1



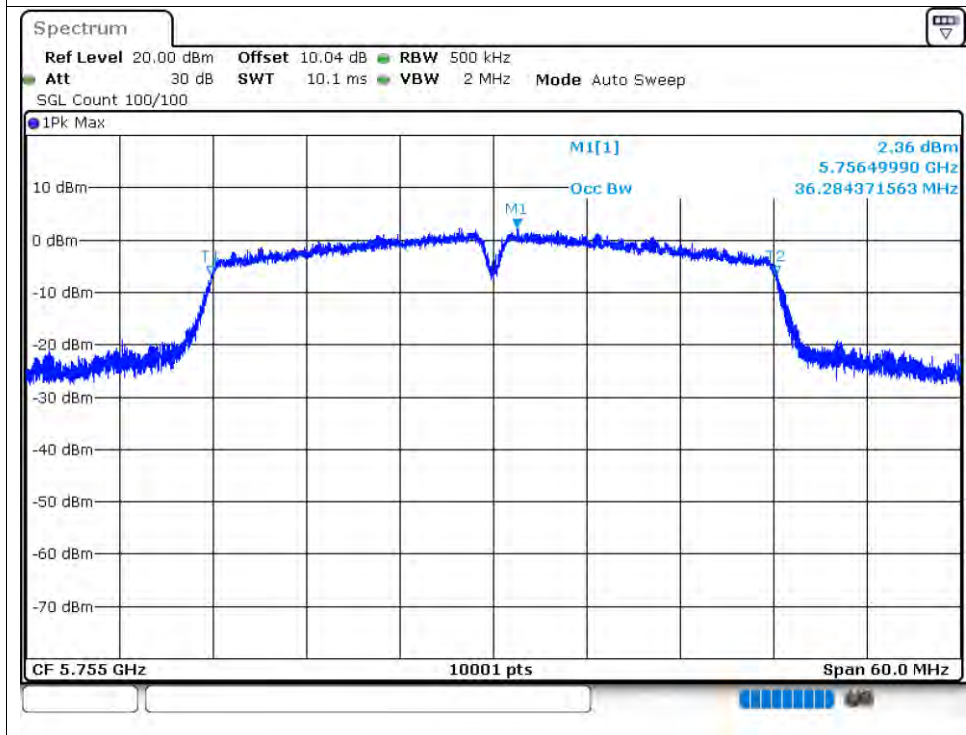
### OBW NVNT ac20 5785MHz Ant1



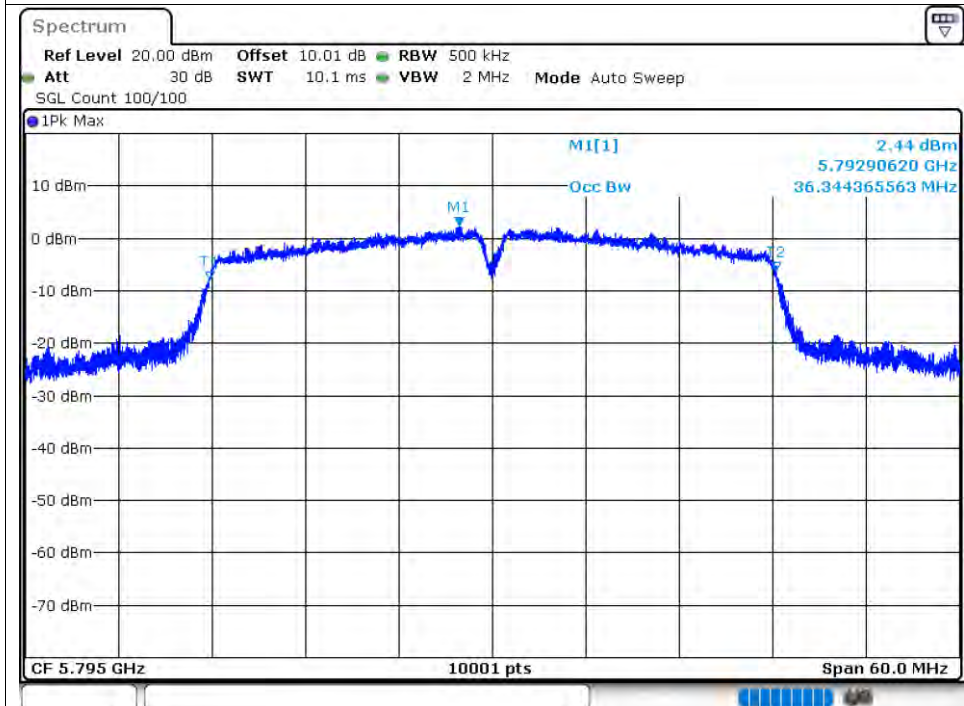
### OBW NVNT ac20 5825MHz Ant1



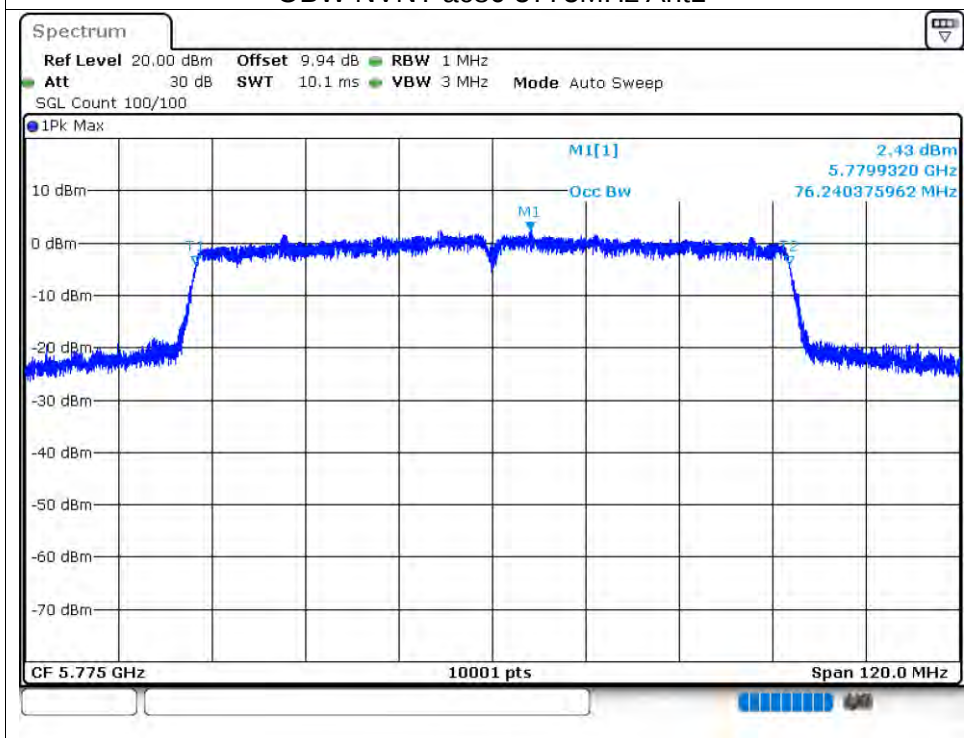
### OBW NVNT ac40 5755MHz Ant1



### OBW NVNT ac40 5795MHz Ant1



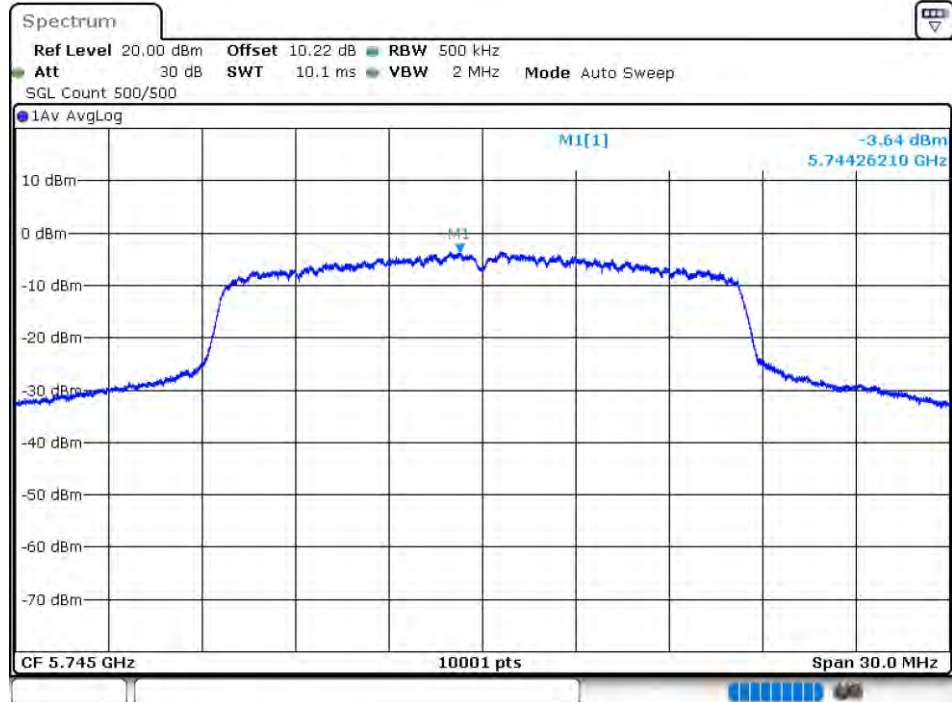
### OBW NVNT ac80 5775MHz Ant1



## 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    | -3.64               | 0.08             | -3.56           | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -3.89               | 0.08             | -3.81           | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -3.29               | 0.08             | -3.21           | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -3.91               | 0.09             | -3.82           | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -5.06               | 0.09             | -4.97           | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -3.72               | 0.09             | -3.63           | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -8.43               | 0.17             | -8.26           | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -8.15               | 0.17             | -7.98           | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -4.4                | 0.09             | -4.31           | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -4.16               | 0.09             | -4.07           | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -3.72               | 0.09             | -3.63           | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -8.47               | 0.17             | -8.3            | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -8.43               | 0.17             | -8.26           | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -12.6               | 0.33             | -12.27          | 30          | Pass    |

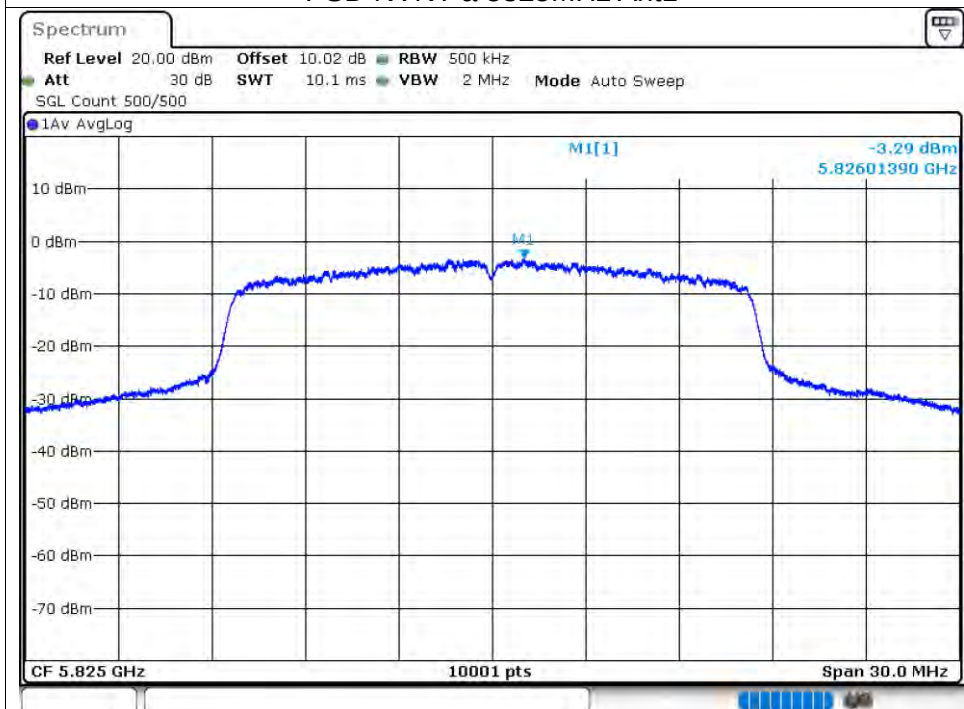
### Test Graphs PSD NVNT a 5745MHz Ant1



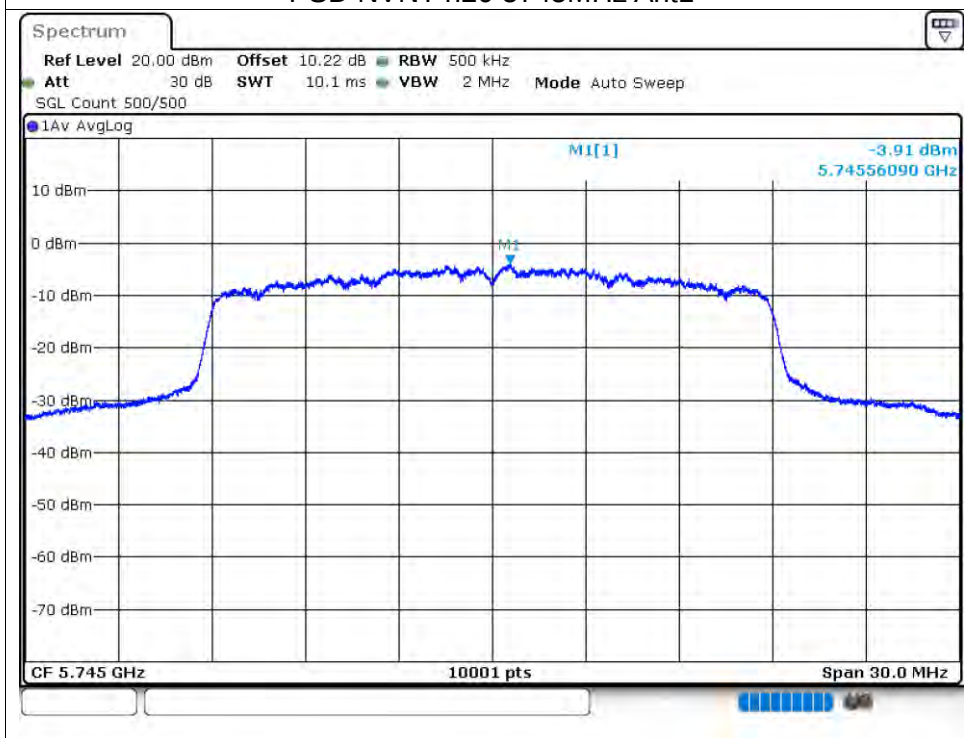
### PSD NVNT a 5785MHz Ant1



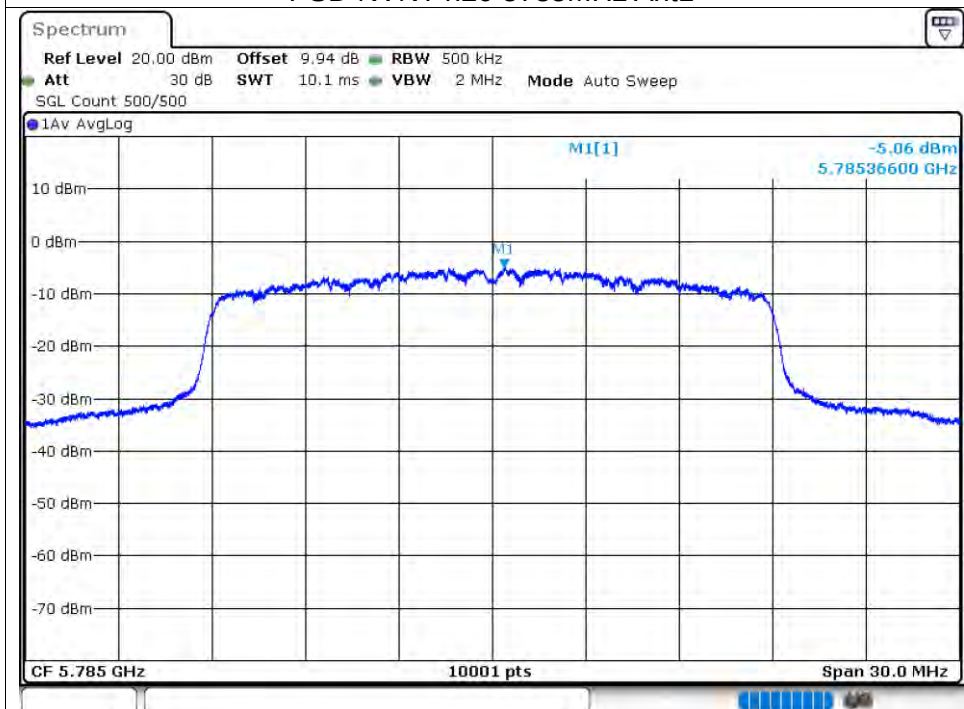
### PSD NVNT a 5825MHz Ant1



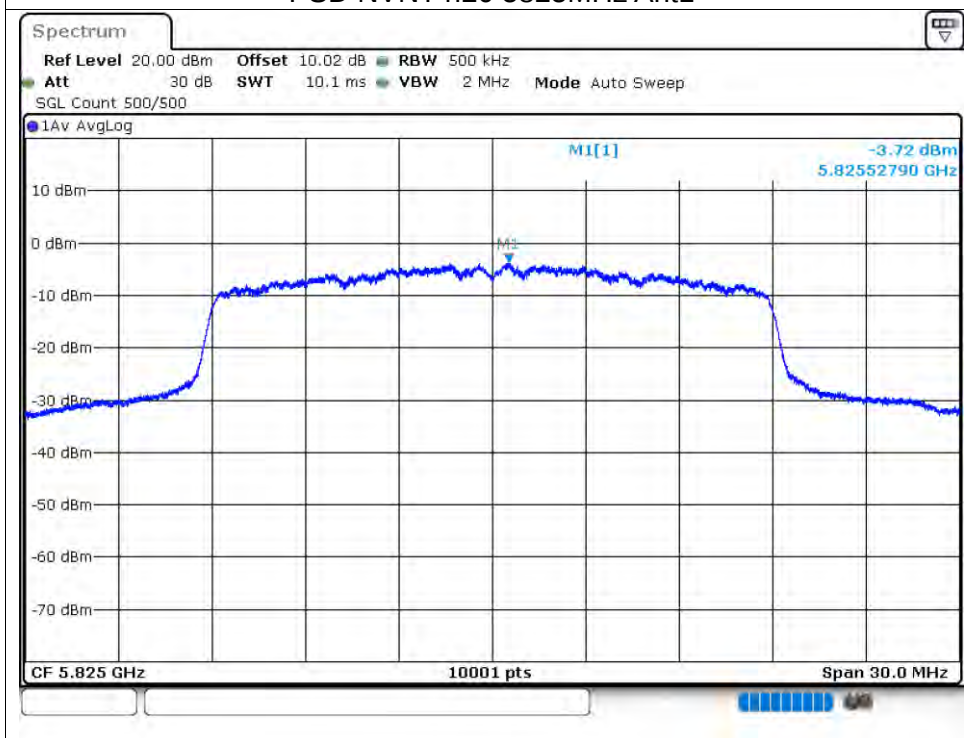
### PSD NVNT n20 5745MHz Ant1



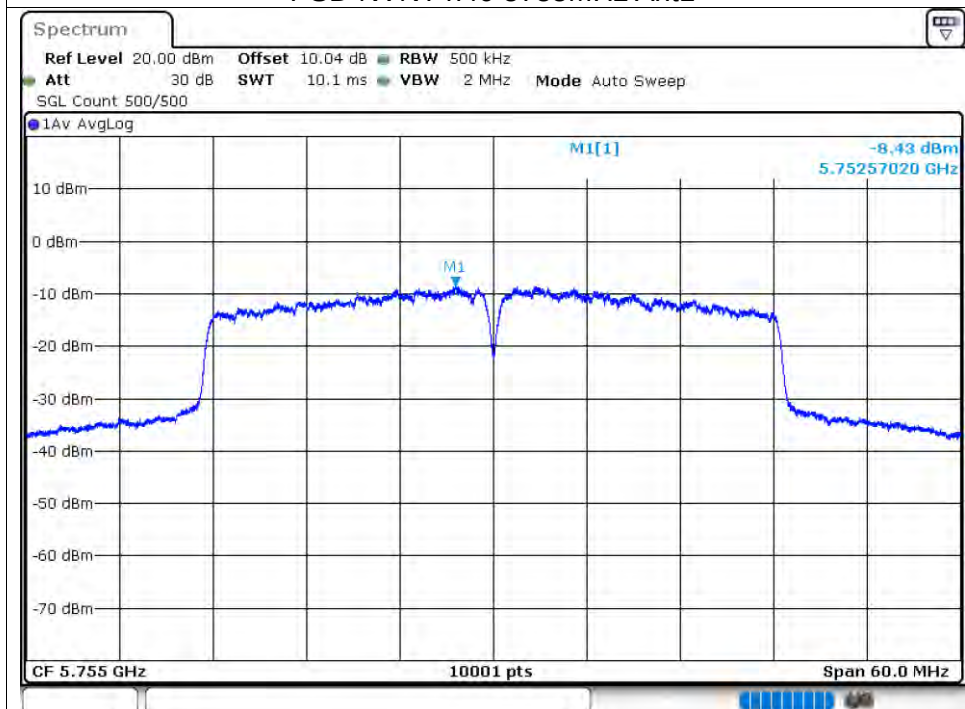
### PSD NVNT n20 5785MHz Ant1



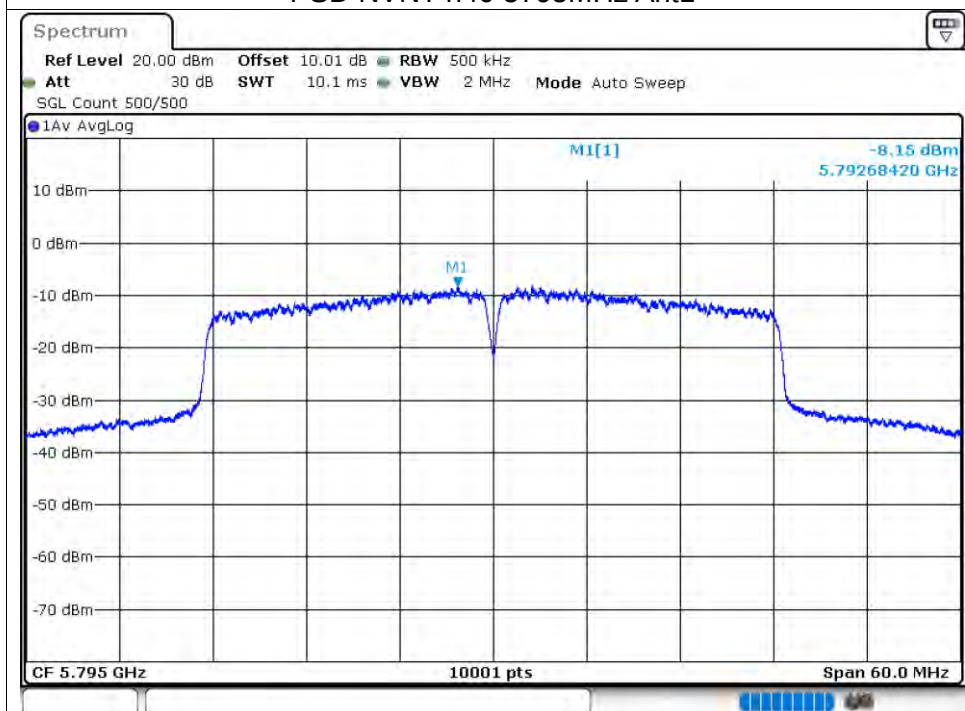
### PSD NVNT n20 5825MHz Ant1



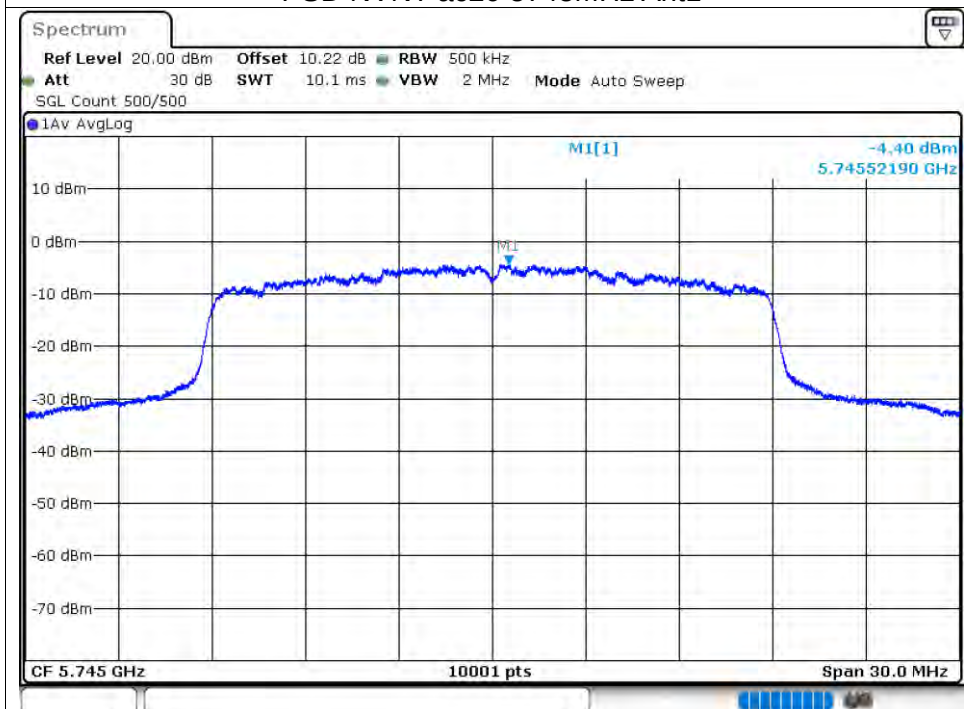
### PSD NVNT n40 5755MHz Ant1



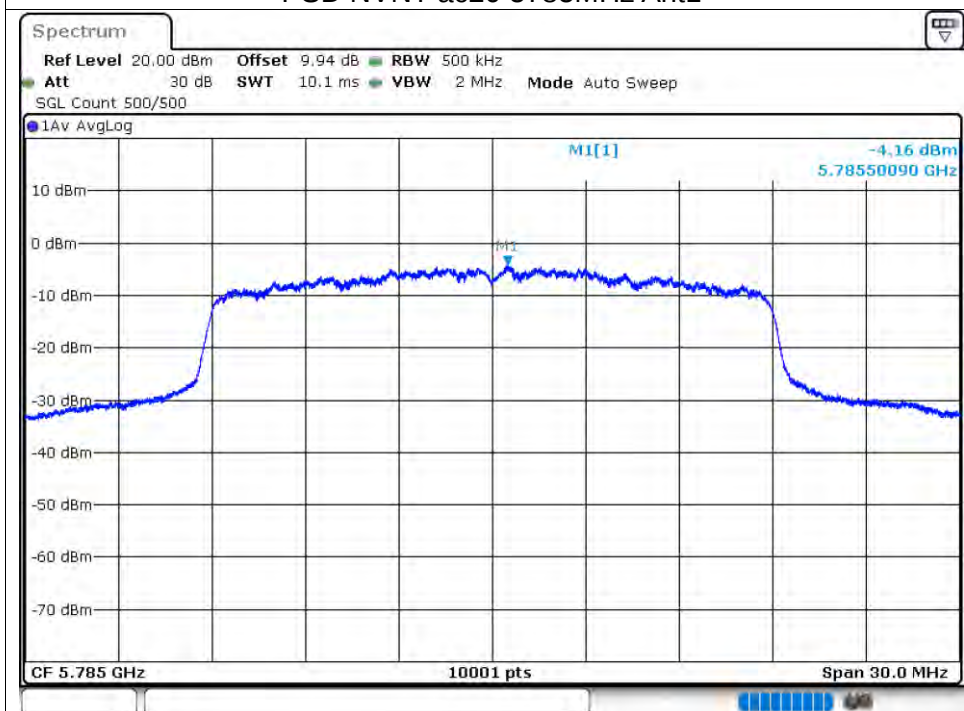
### PSD NVNT n40 5795MHz Ant1



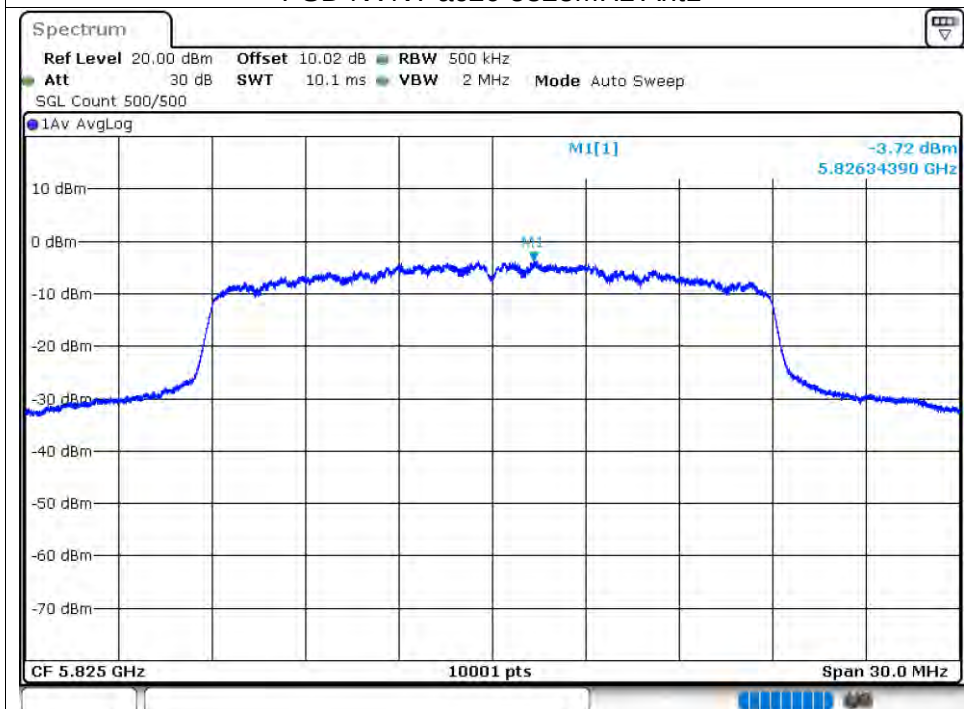
### PSD NVNT ac20 5745MHz Ant1



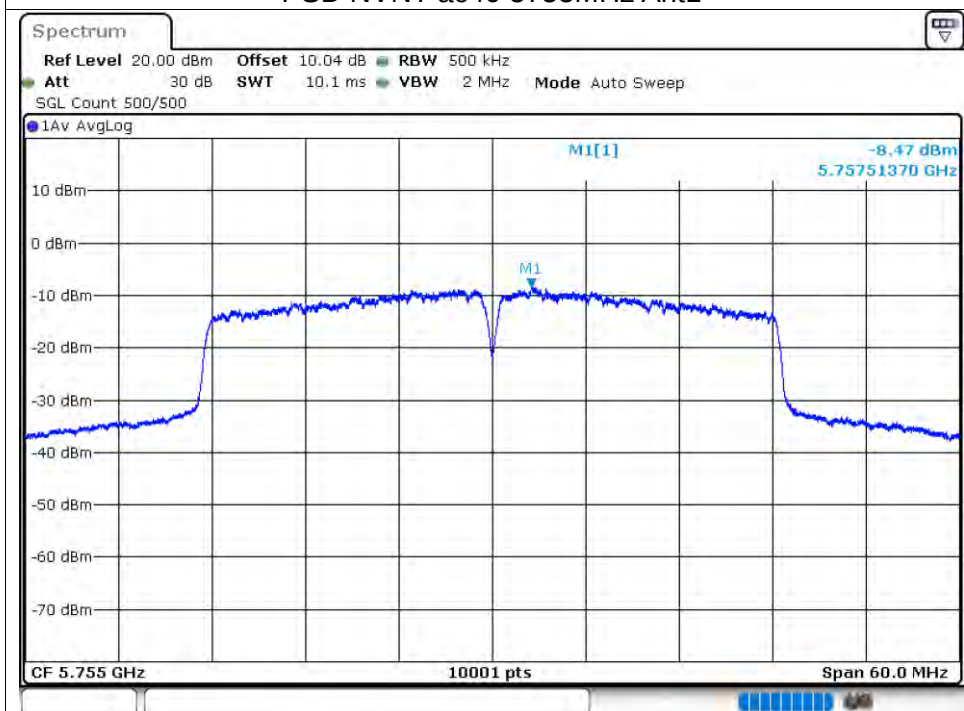
### PSD NVNT ac20 5785MHz Ant1



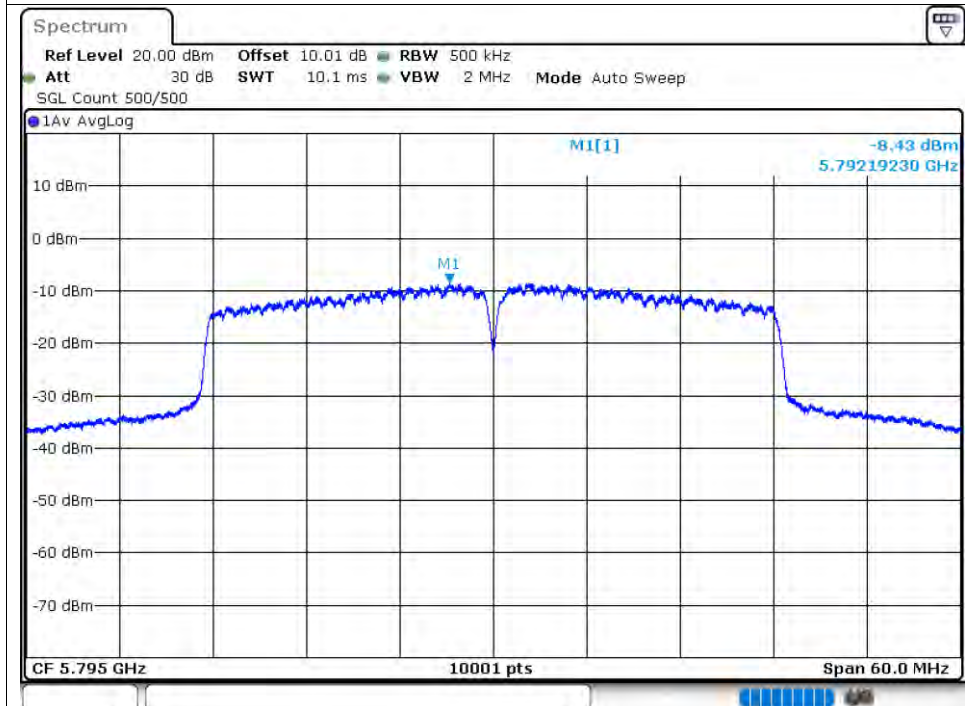
### PSD NVNT ac20 5825MHz Ant1



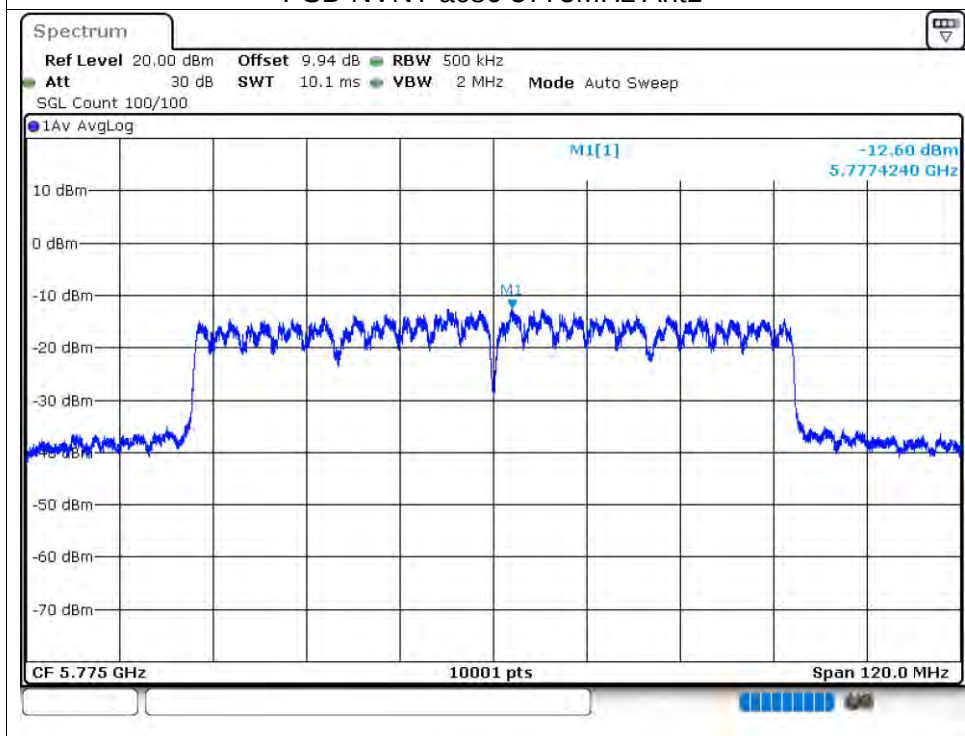
### PSD NVNT ac40 5755MHz Ant1



### PSD NVNT ac40 5795MHz Ant1



### PSD NVNT ac80 5775MHz Ant1

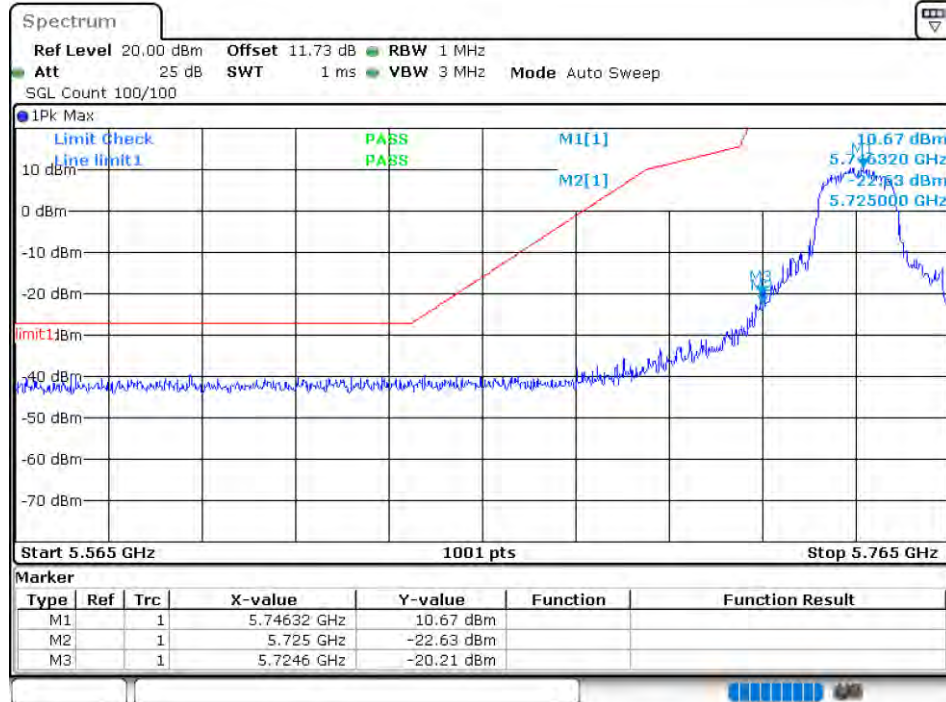


## 5.6 BAND EDGE

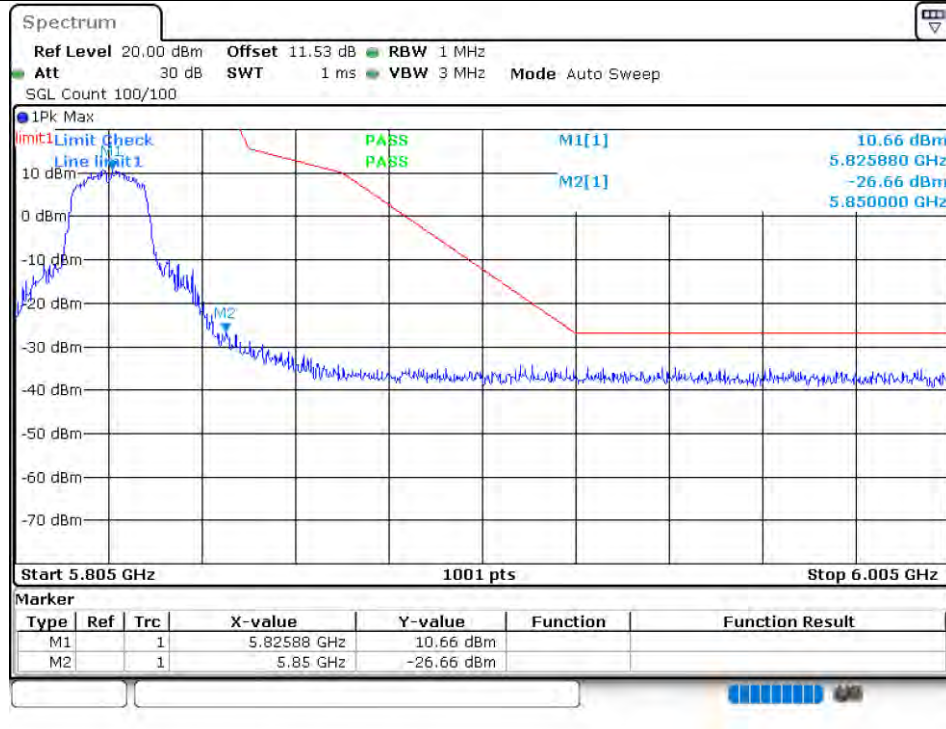
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|---------|
| NVNT      | a    | 5745            | Ant1    | -20.21          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -26.65          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -17.96          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -26.34          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -19.91          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -30.27          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -19.31          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -25.6           | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -18.24          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -30.31          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -21.24          | Pass    |

### Test Graphs

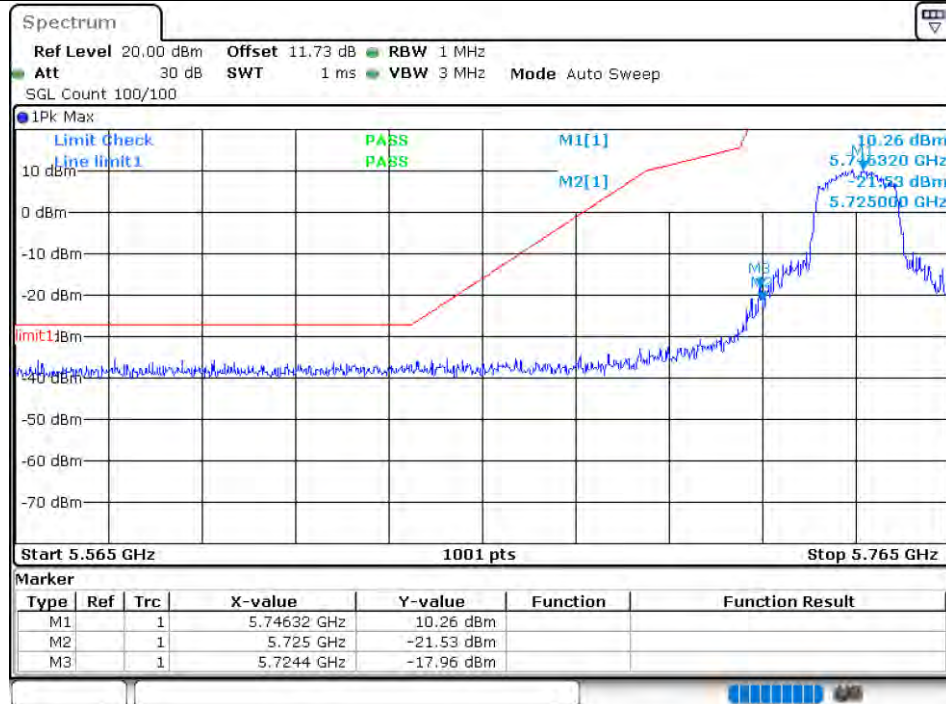
#### Band Edge NVNT a 5745MHz Low Ant1



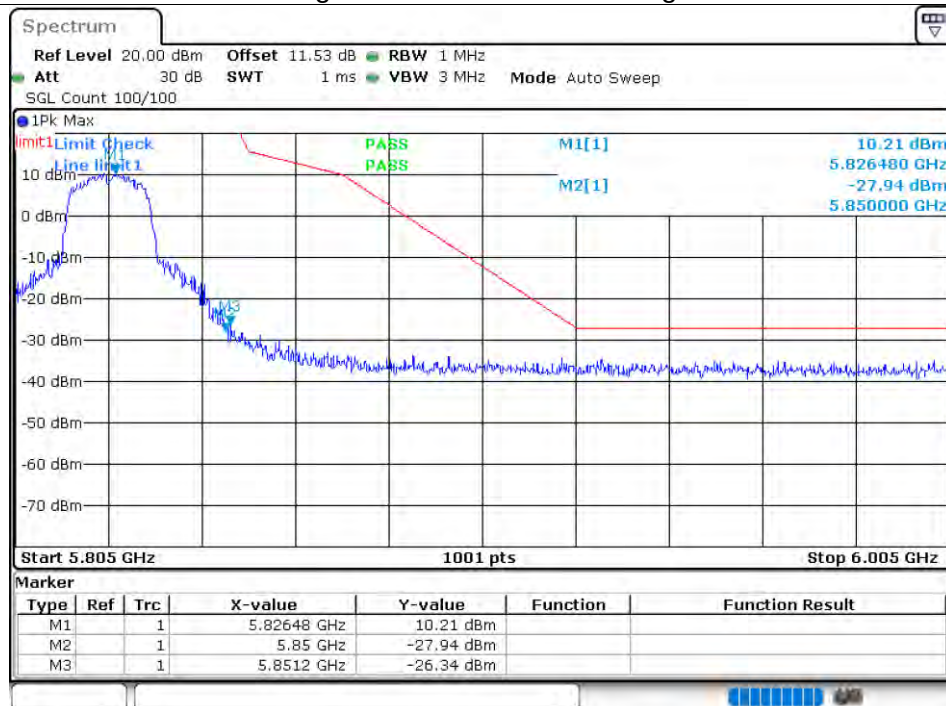
#### Band Edge NVNT a 5825MHz High Ant1



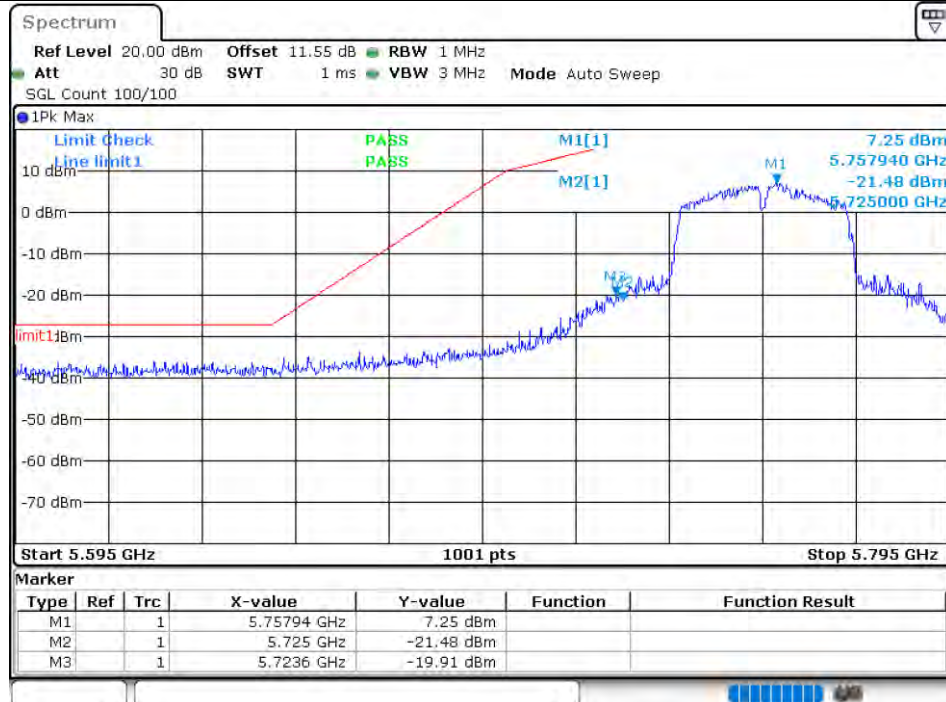
### Band Edge NVNT n20 5745MHz Low Ant1



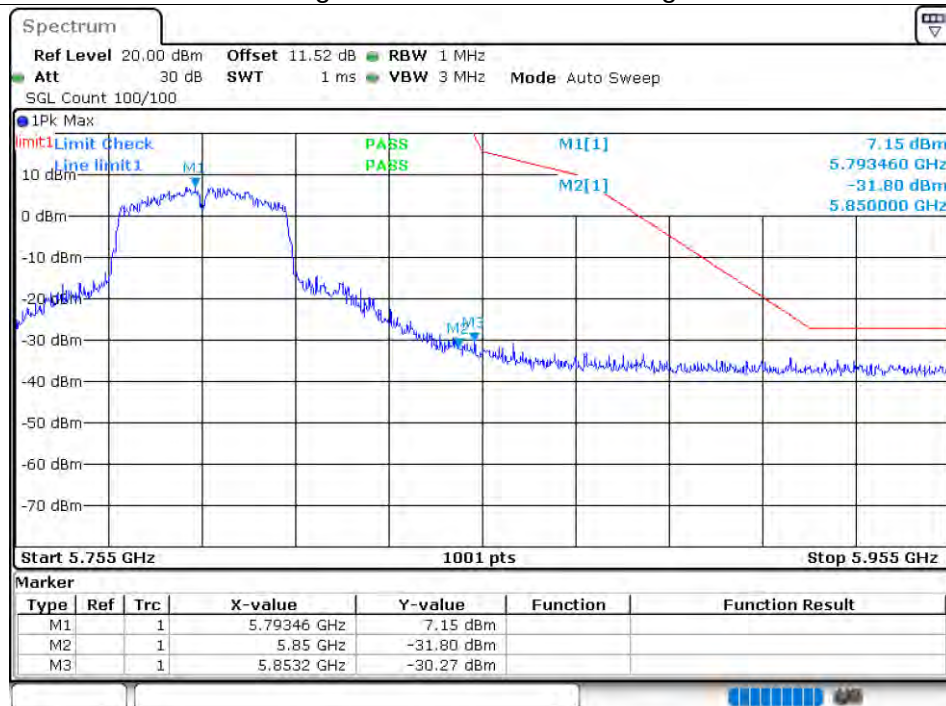
### Band Edge NVNT n20 5825MHz High Ant1



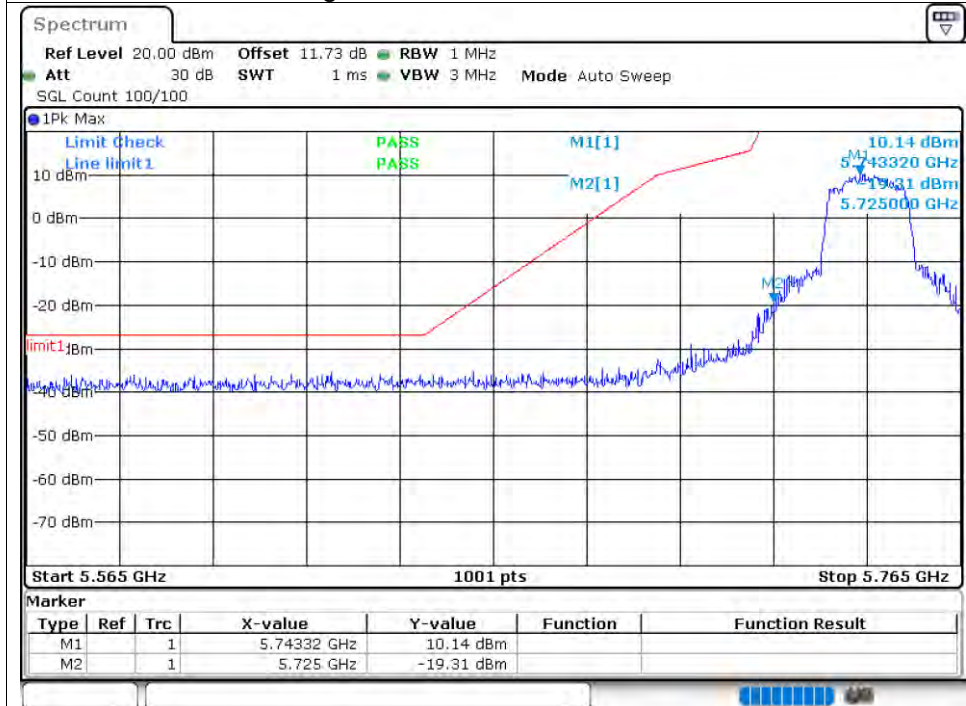
### Band Edge NVNT n40 5755MHz Low Ant1



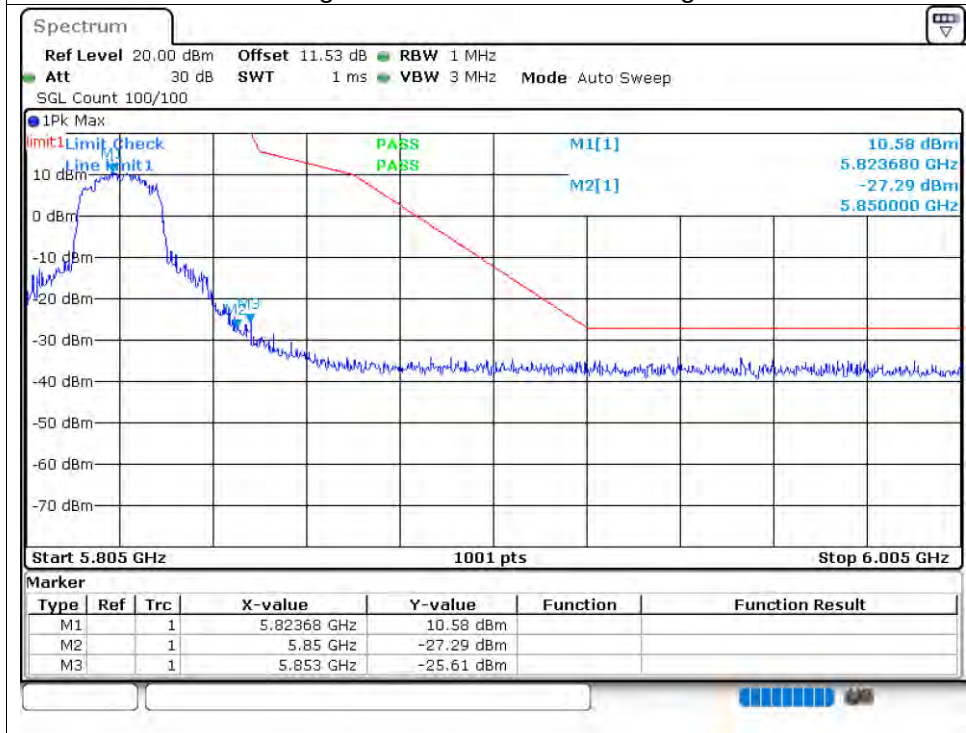
### Band Edge NVNT n40 5795MHz High Ant1



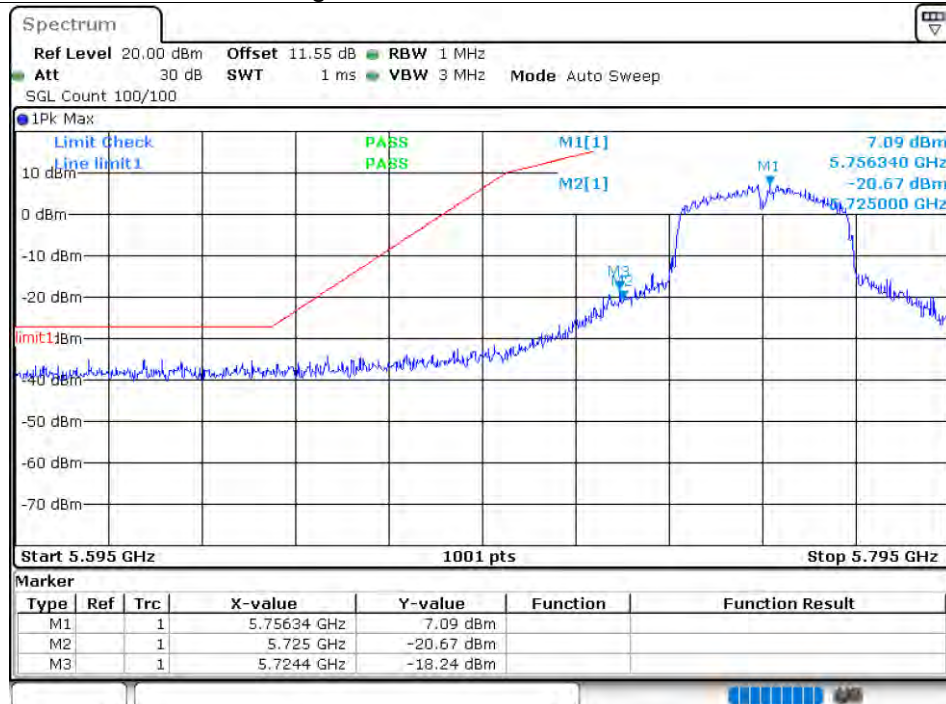
### Band Edge NVNT ac20 5745MHz Low Ant1



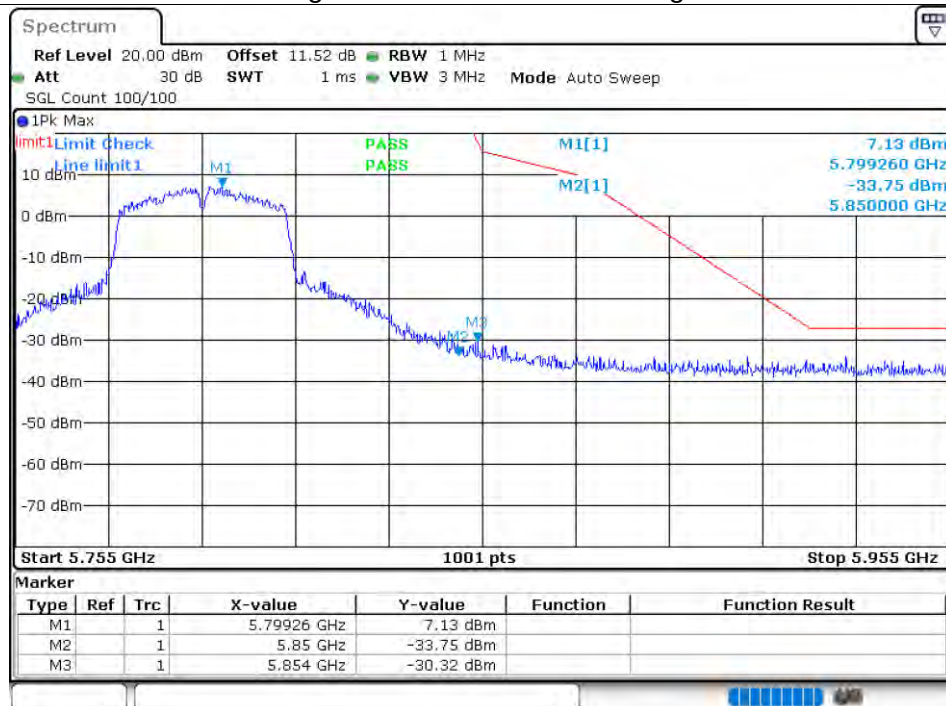
### Band Edge NVNT ac20 5825MHz High Ant1

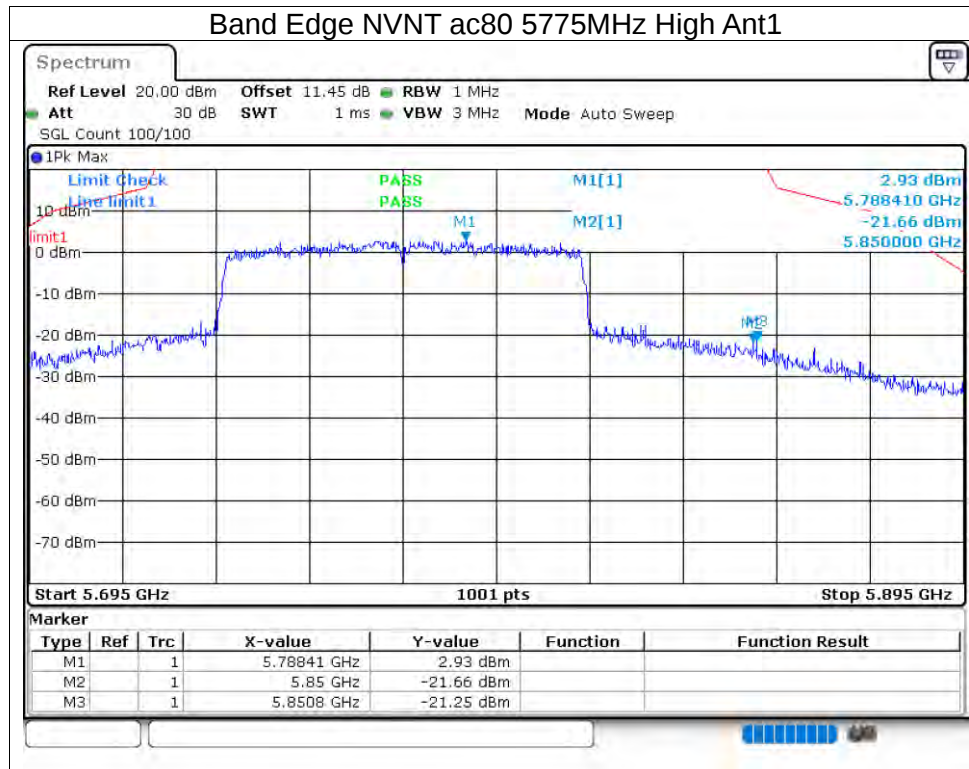


### Band Edge NVNT ac40 5755MHz Low Ant1



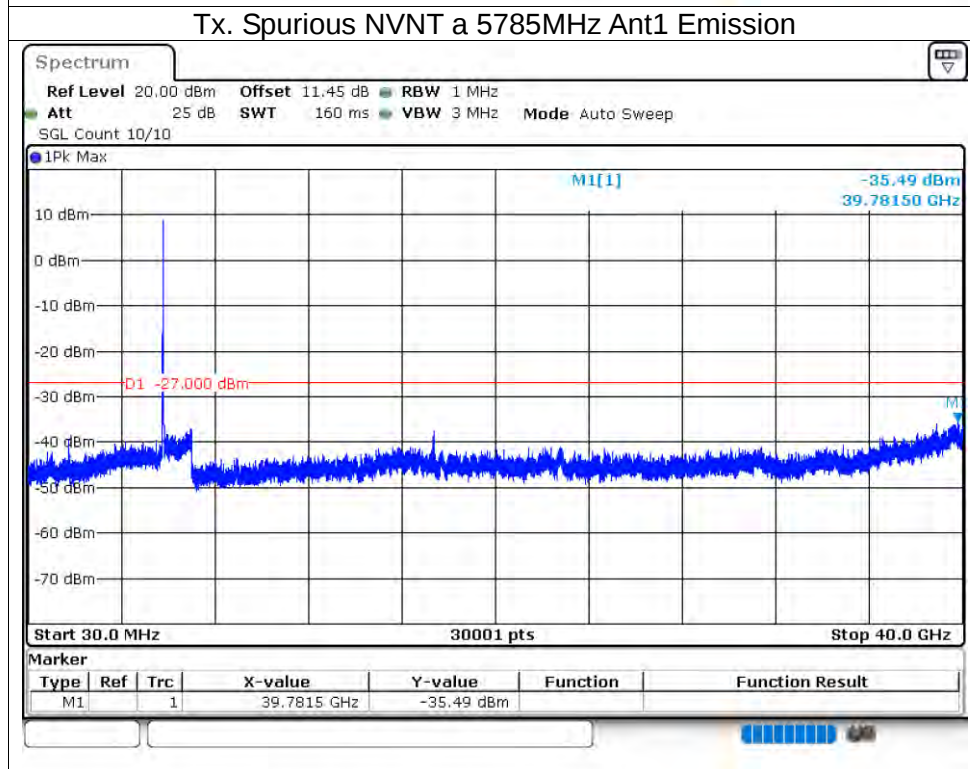
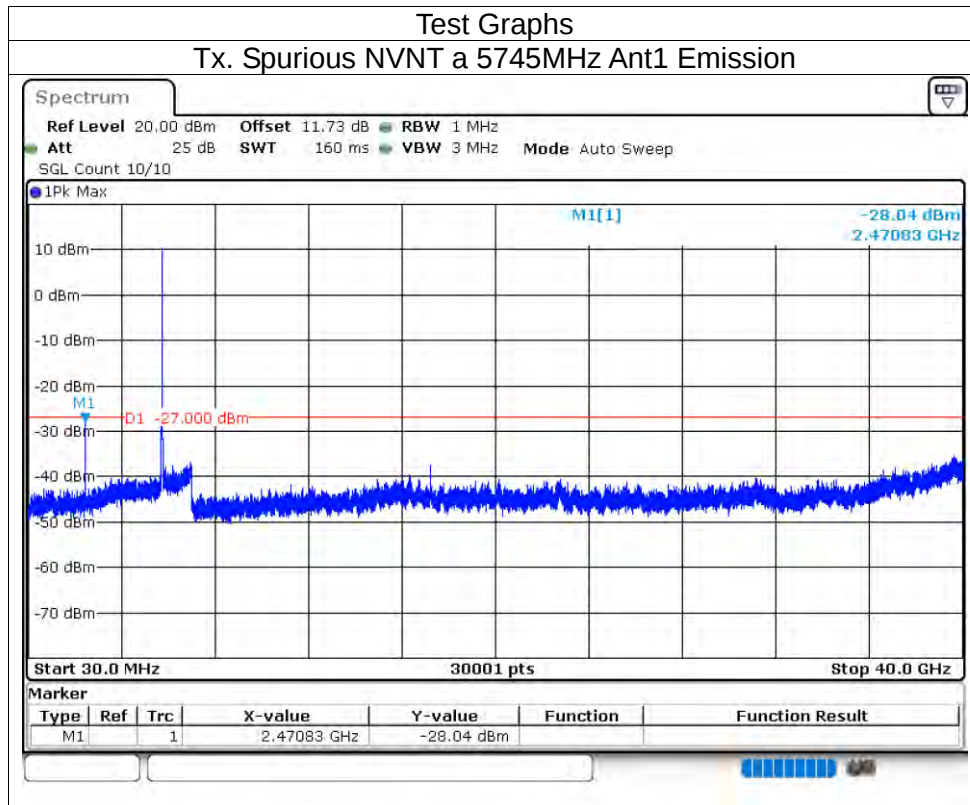
### Band Edge NVNT ac40 5795MHz High Ant1



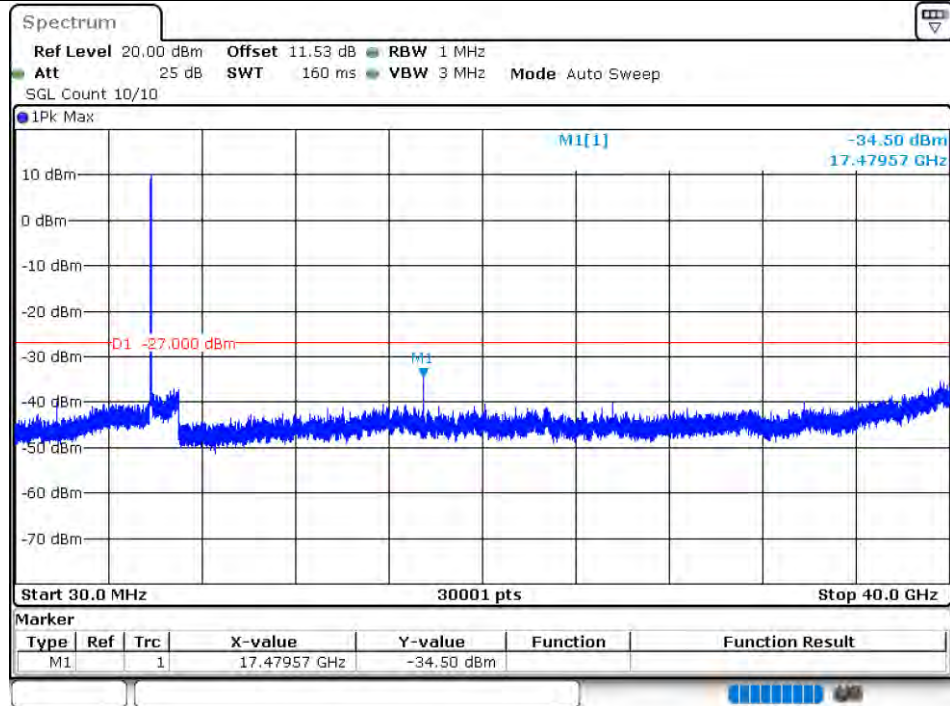


## 5.7 CONDUCTED RF SPURIOUS EMISSION

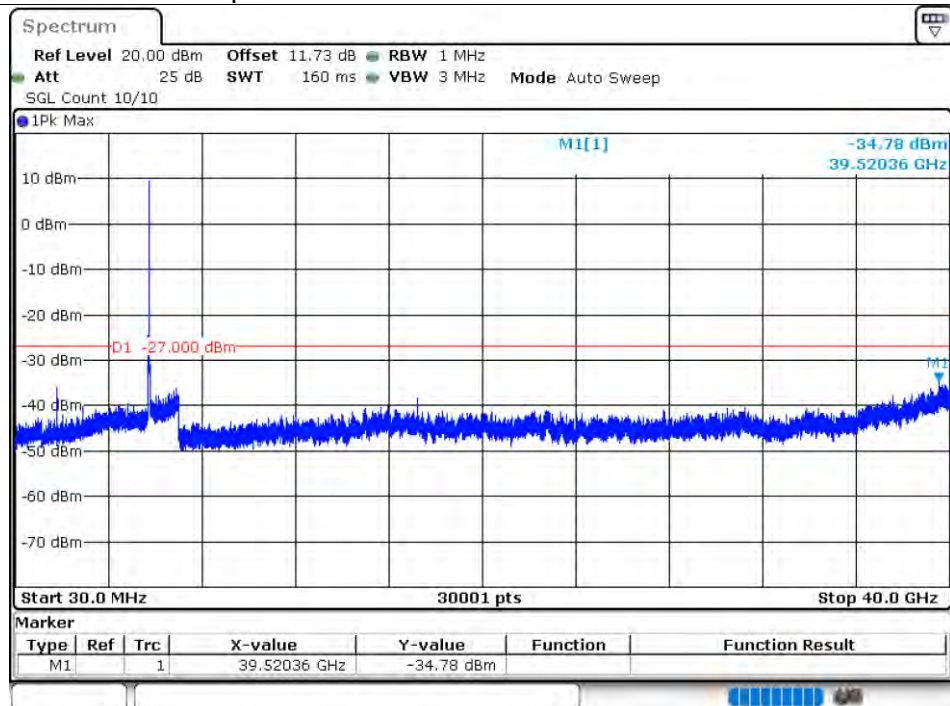
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -28.03          | -27         | Pass    |
| NVNT      | a    | 5785            | Ant1    | -35.48          | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | -34.49          | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -34.78          | -27         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -35.91          | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -36.1           | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -36.01          | -27         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -35.36          | -27         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -34.75          | -27         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -34.99          | -27         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -35.09          | -27         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -35.72          | -27         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -27.28          | -27         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -35.87          | -27         | Pass    |

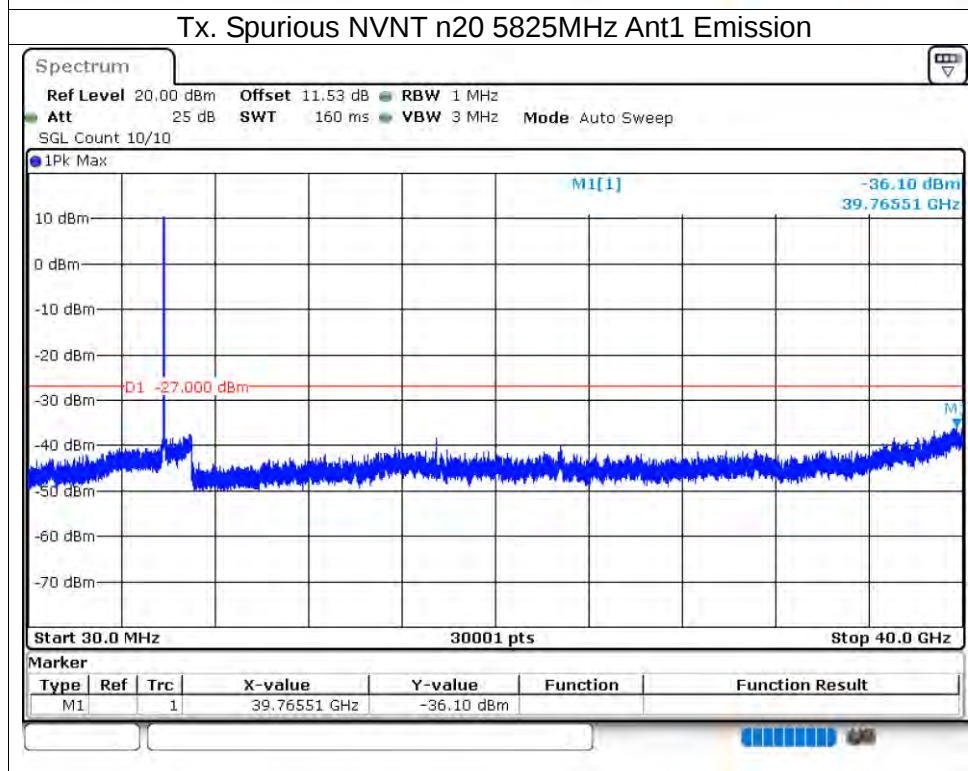
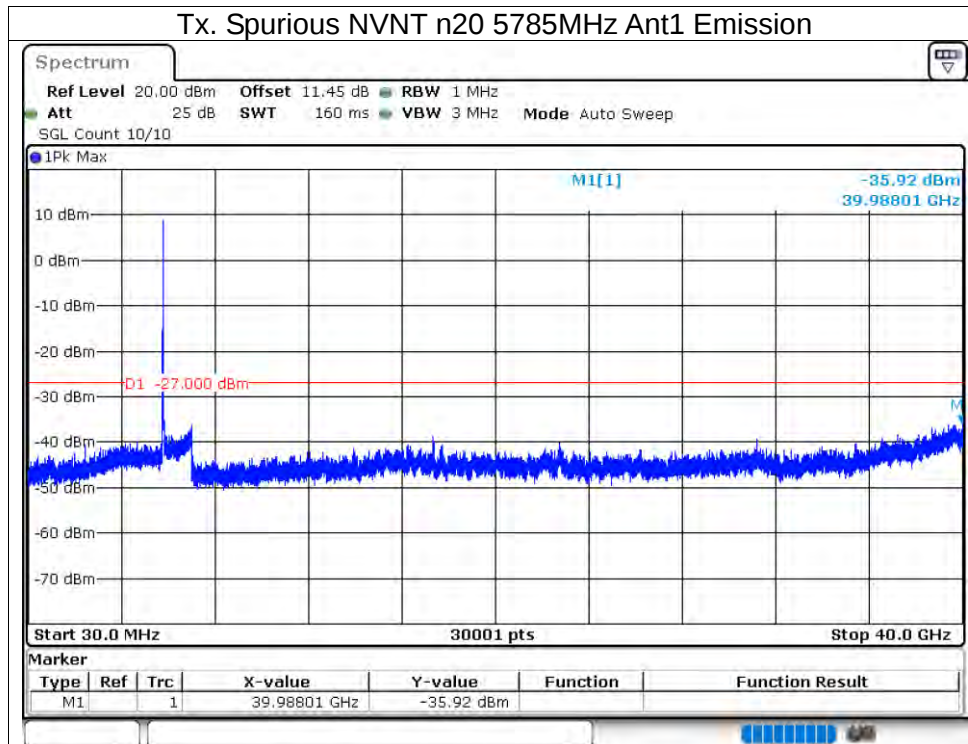


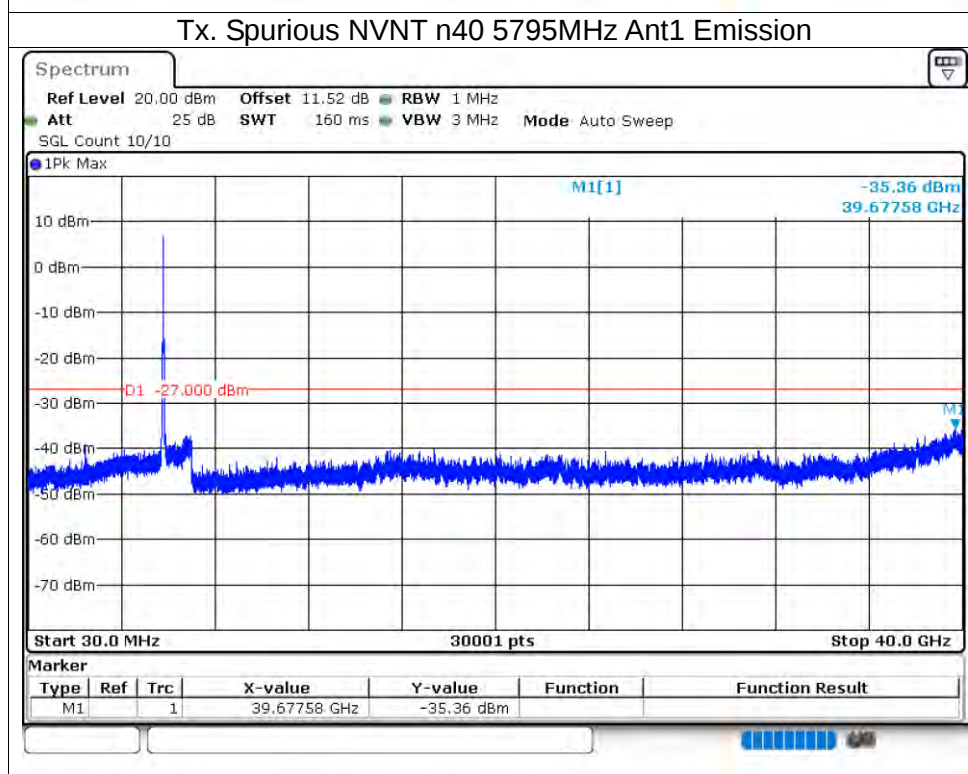
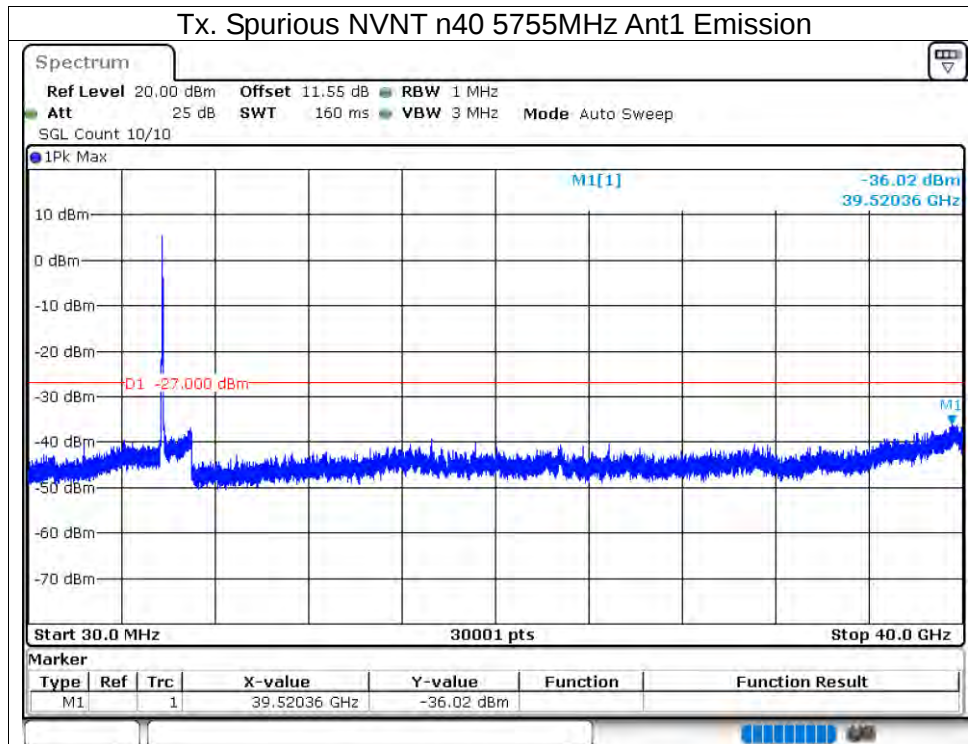
### Tx. Spurious NVNT a 5825MHz Ant1 Emission

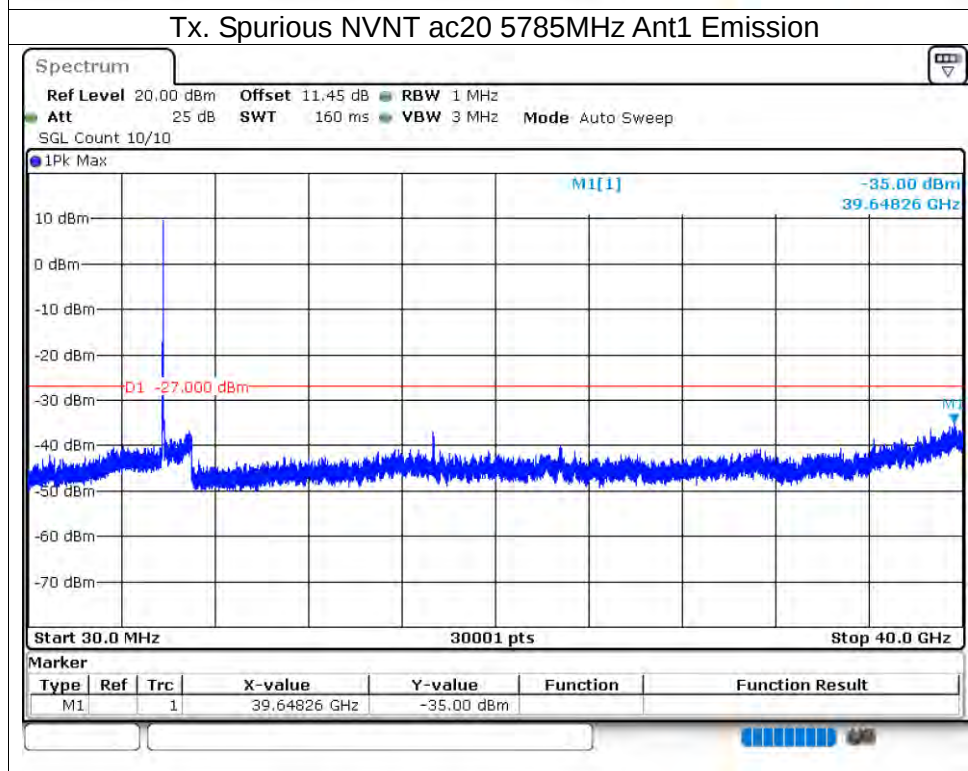
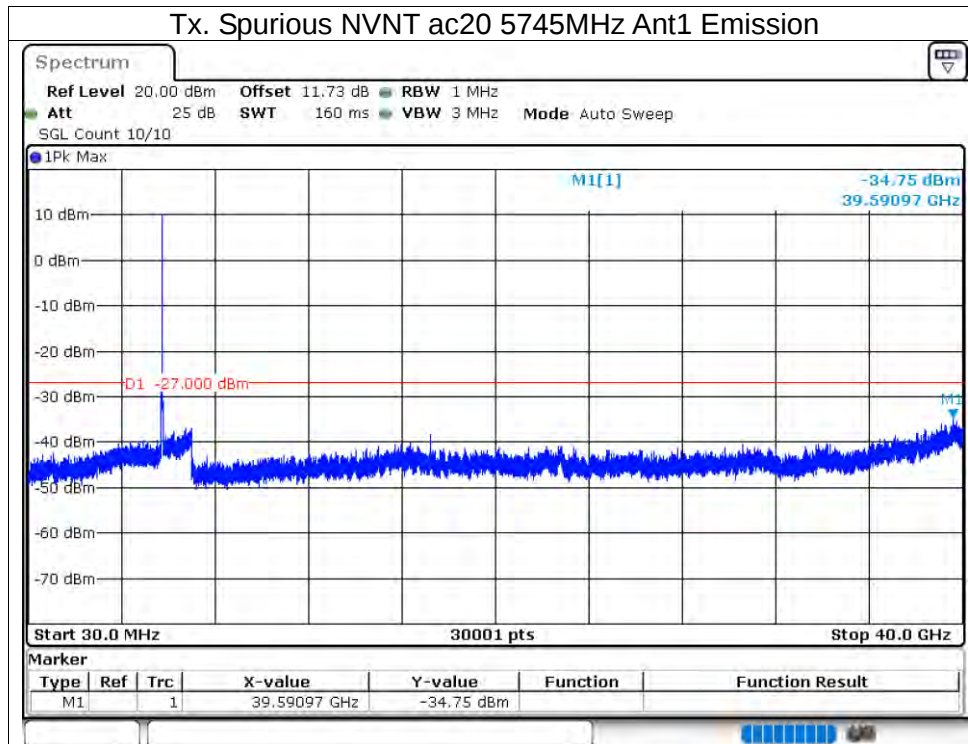


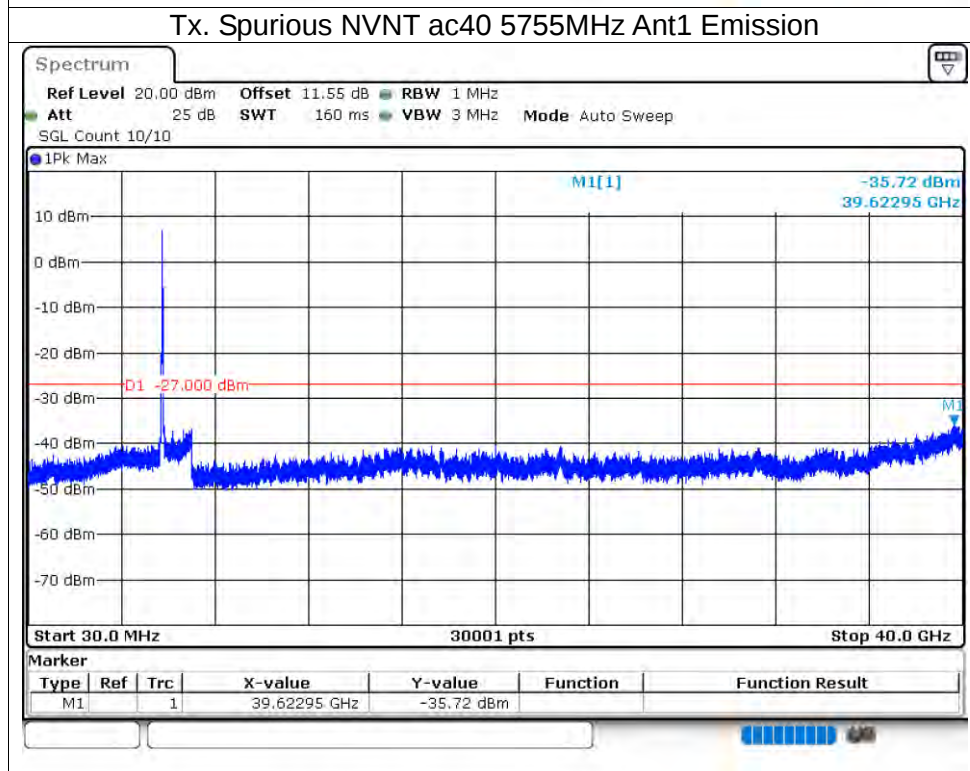
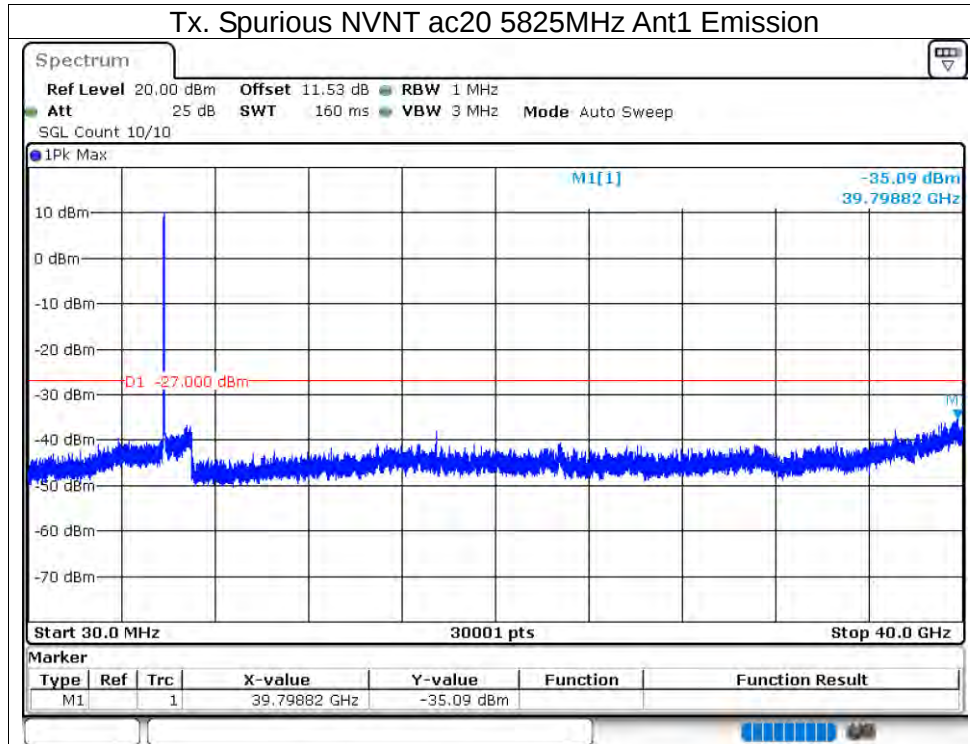
### Tx. Spurious NVNT n20 5745MHz Ant1 Emission

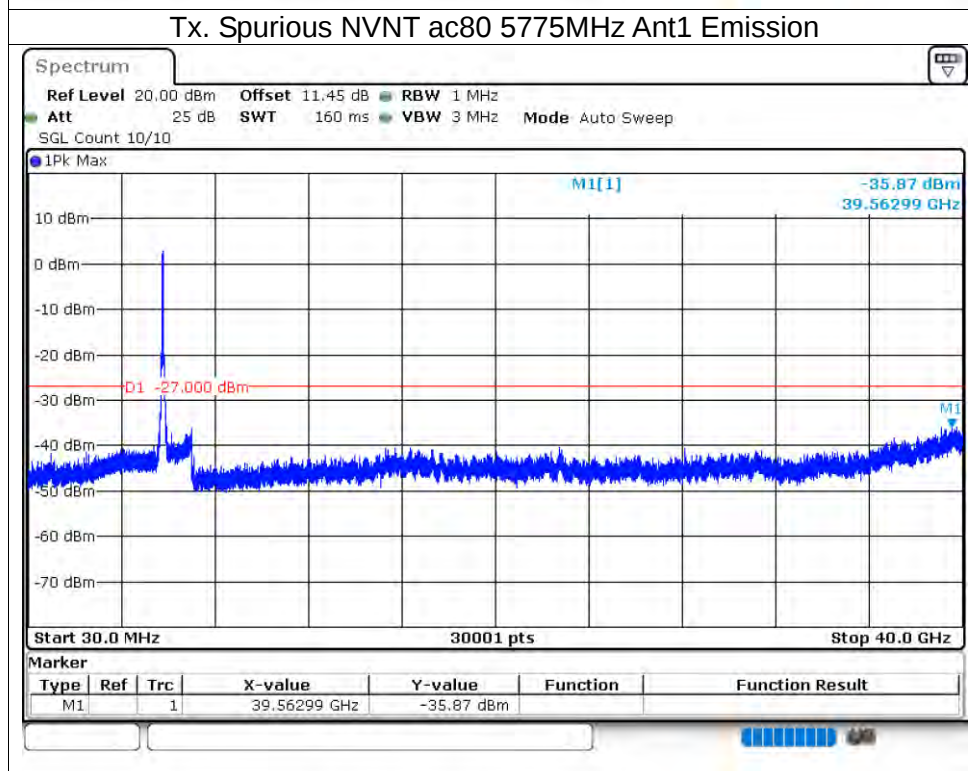
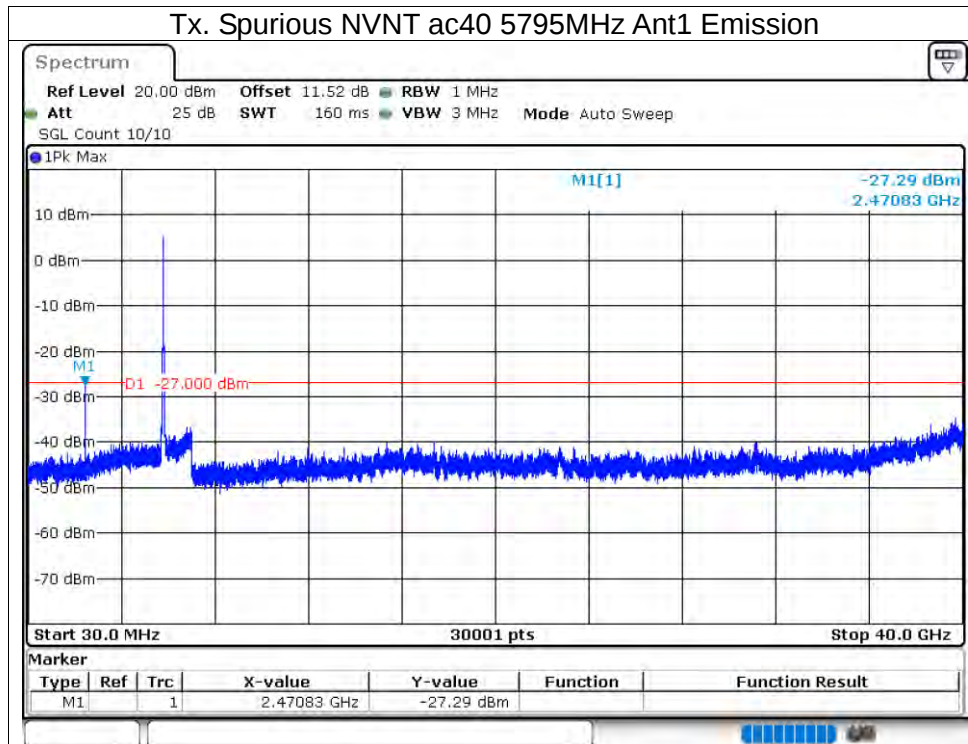












END OF REPORT