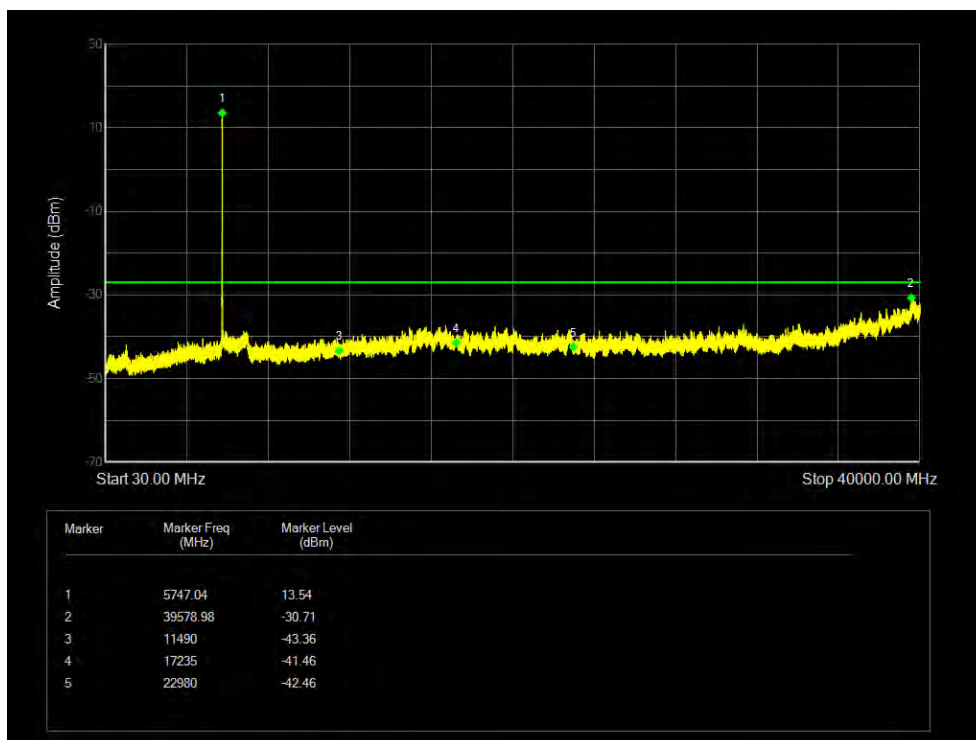
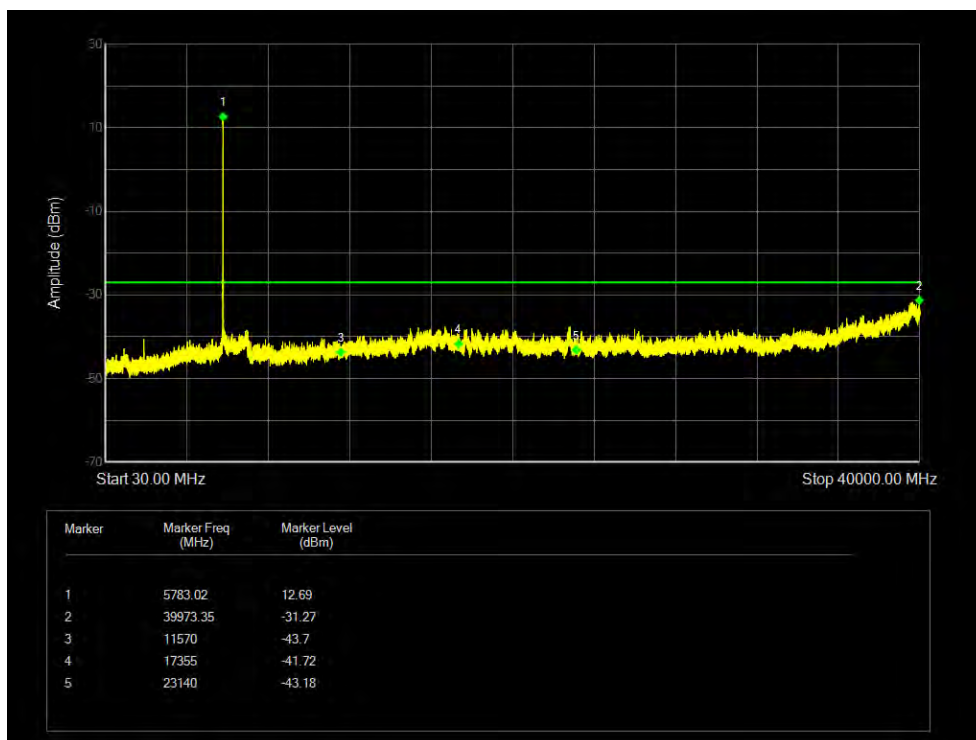


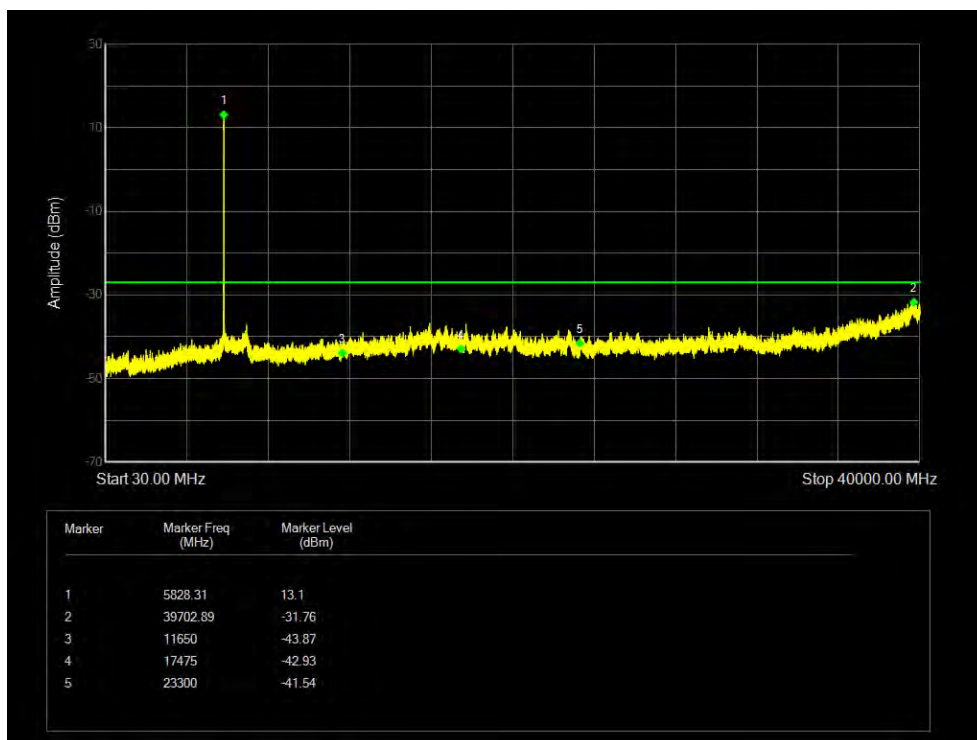
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 1 Emission



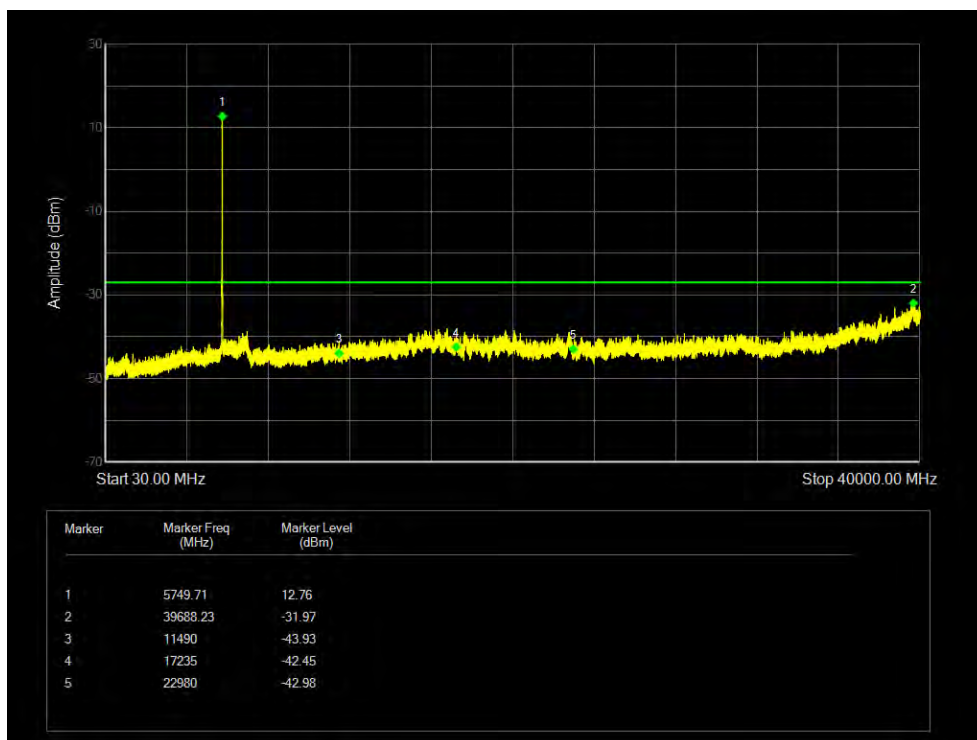
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 1 Emission



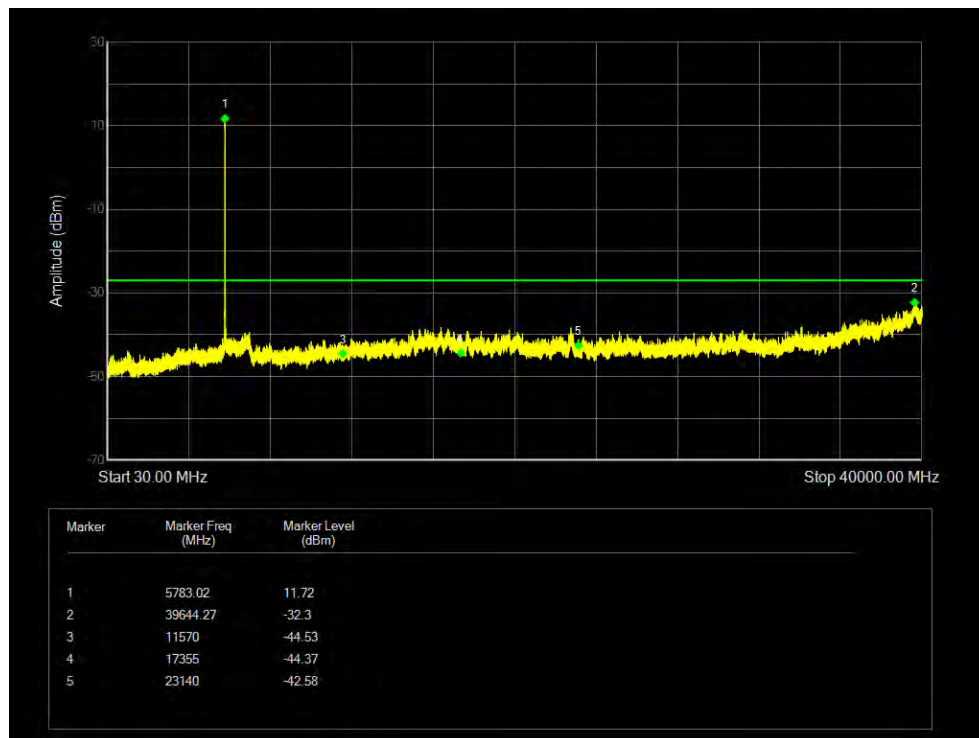
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 1 Emission



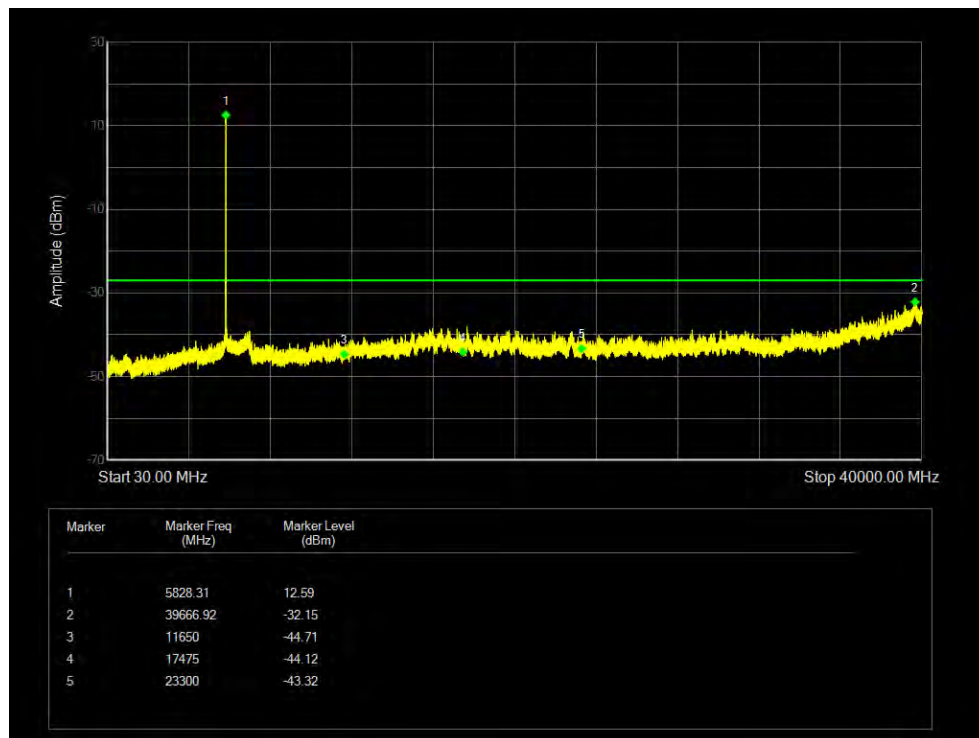
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 2 Emission



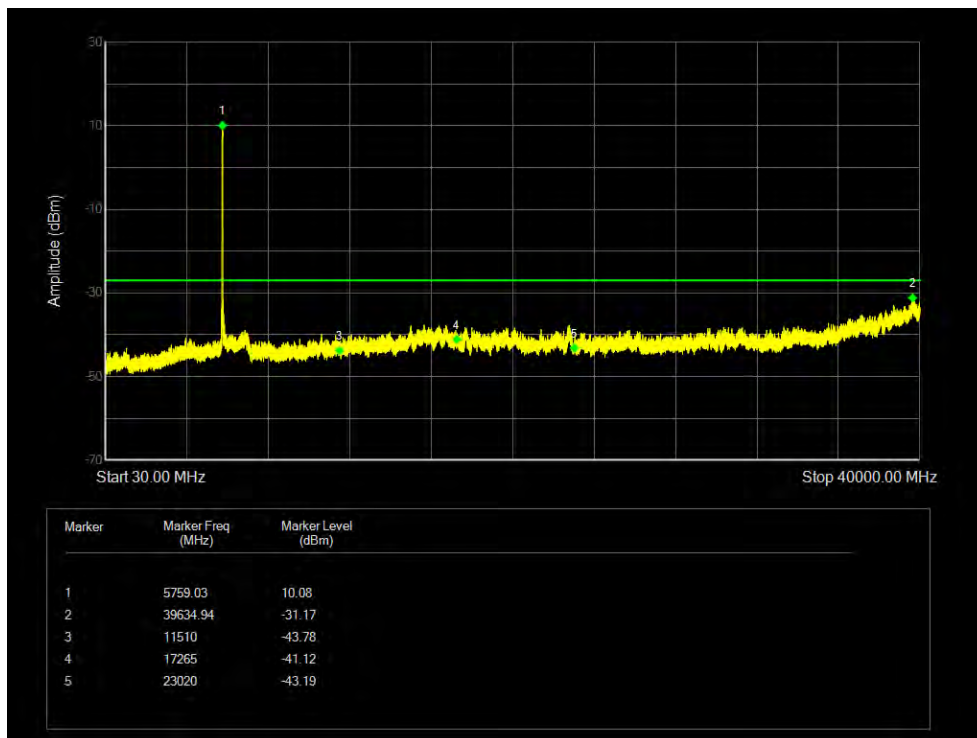
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 2 Emission



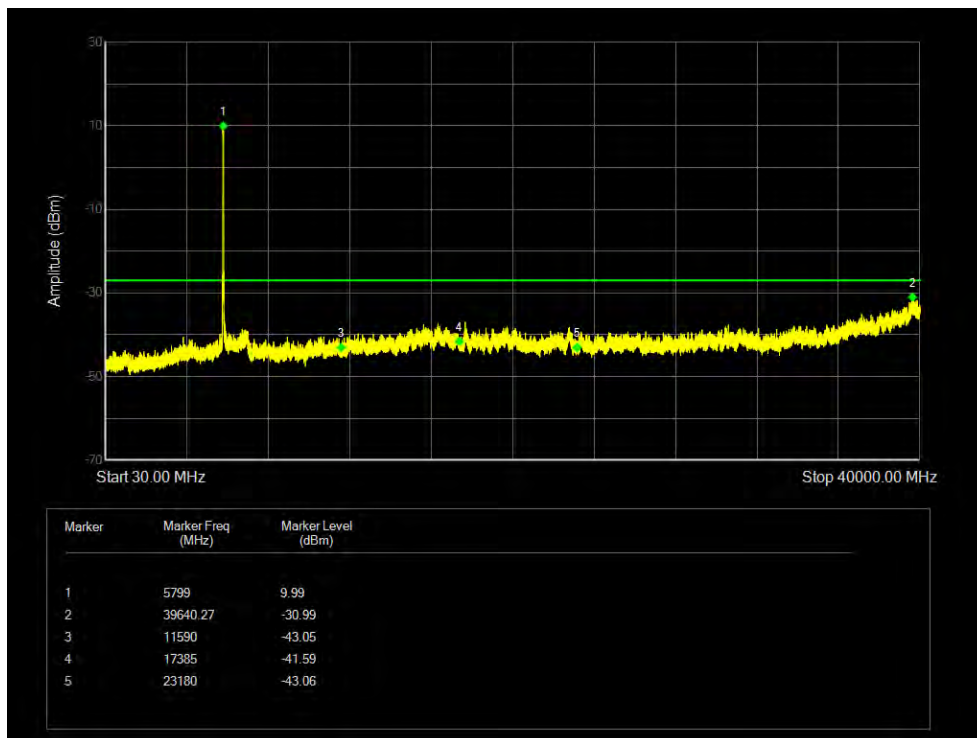
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 2 Emission



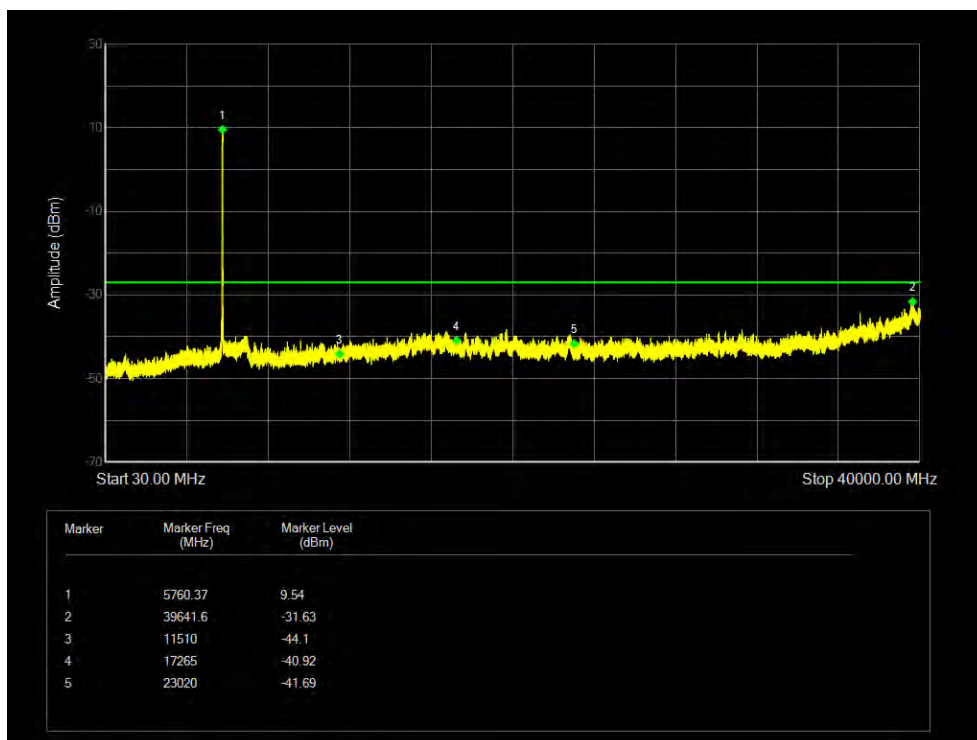
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 1 Emission



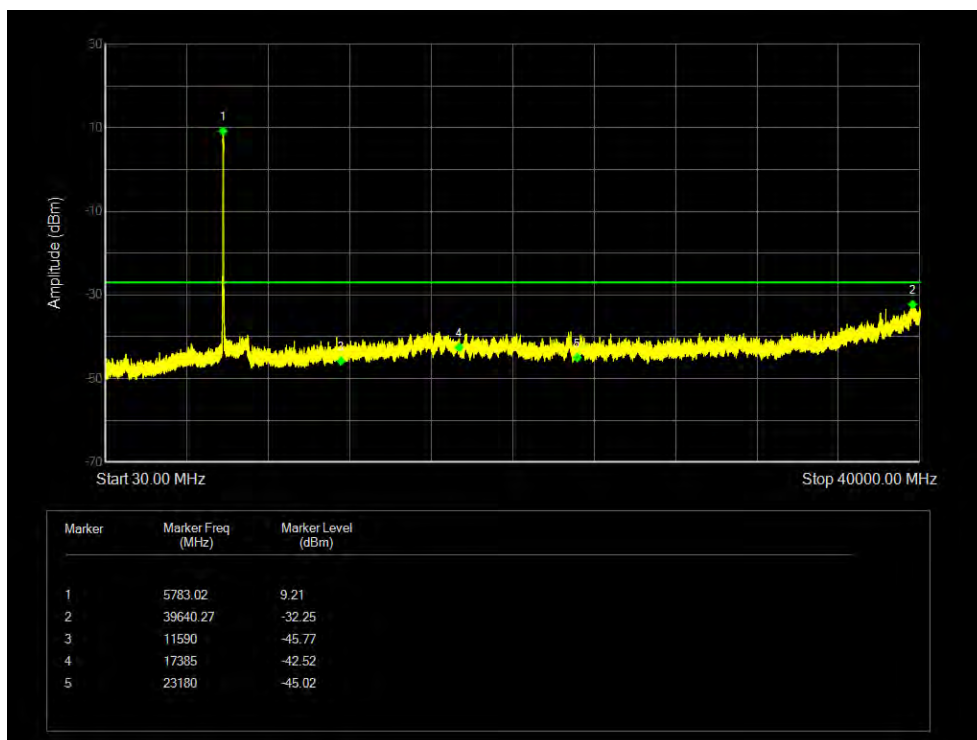
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 1 Emission



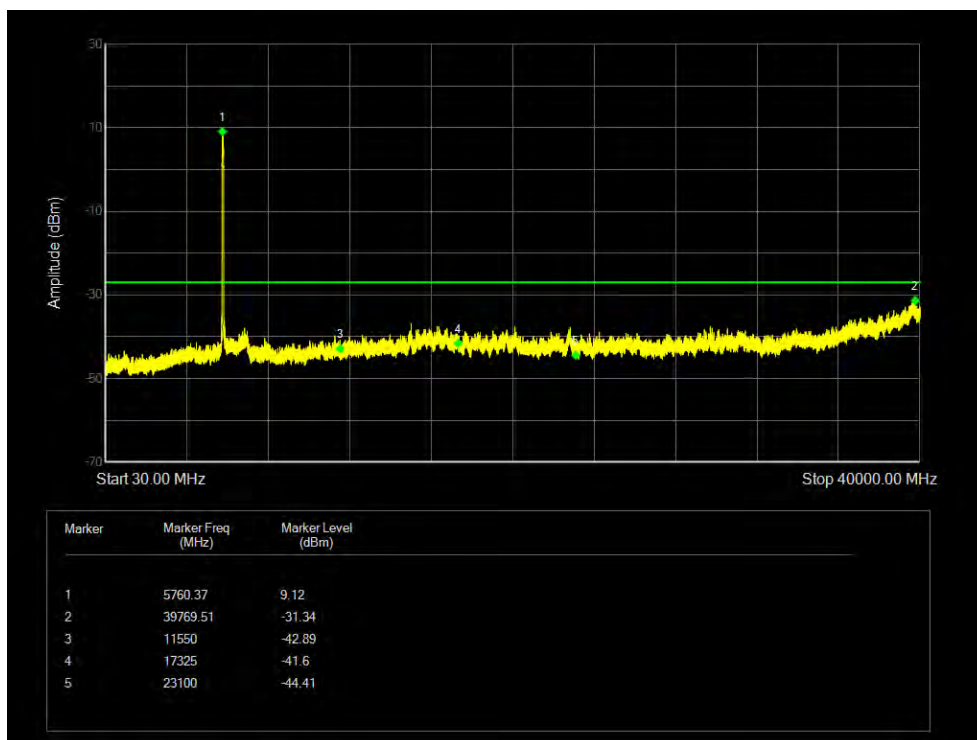
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 2 Emission



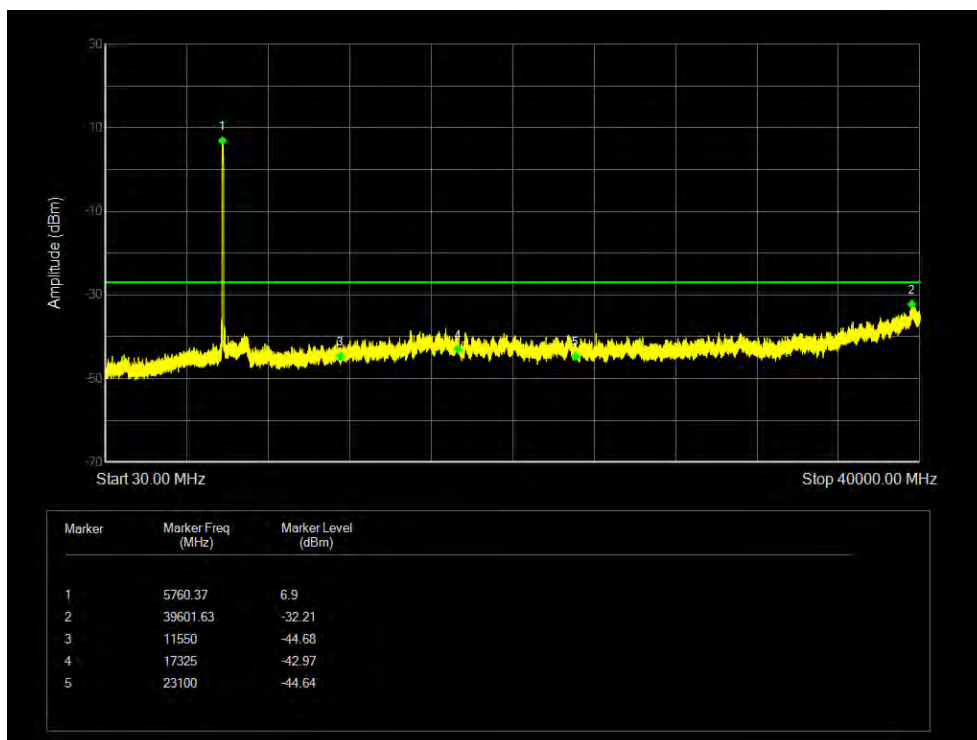
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 2 Emission



Tx. Spurious NVNT 802.11ac80 5775MHz Ant 1 Emission

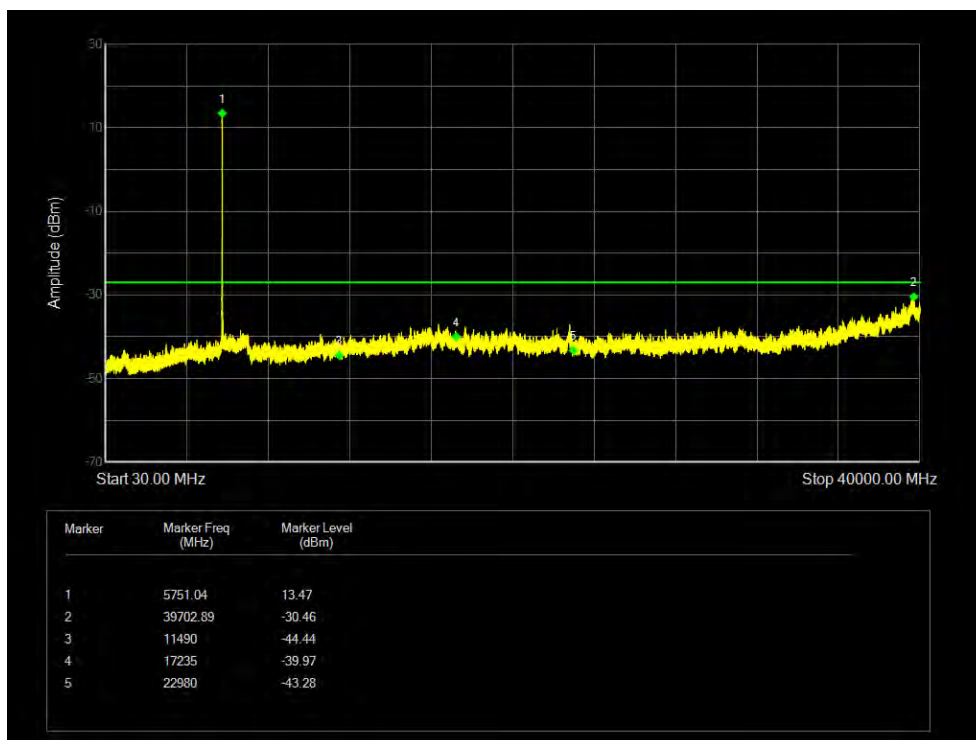


Tx. Spurious NVNT 802.11ac80 5775MHz Ant 2 Emission

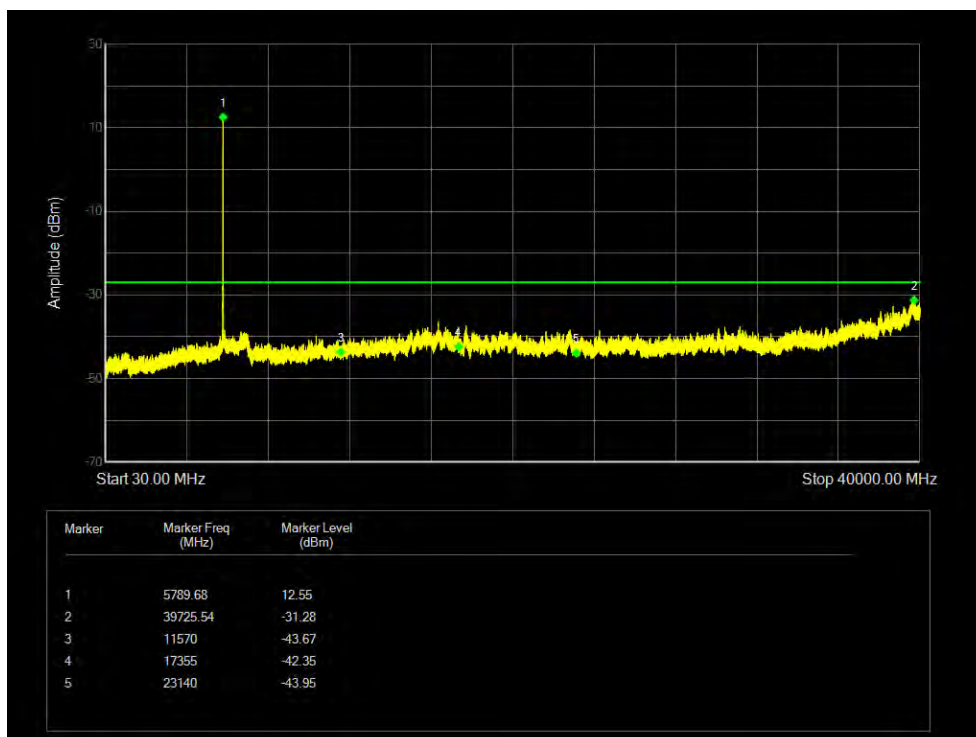




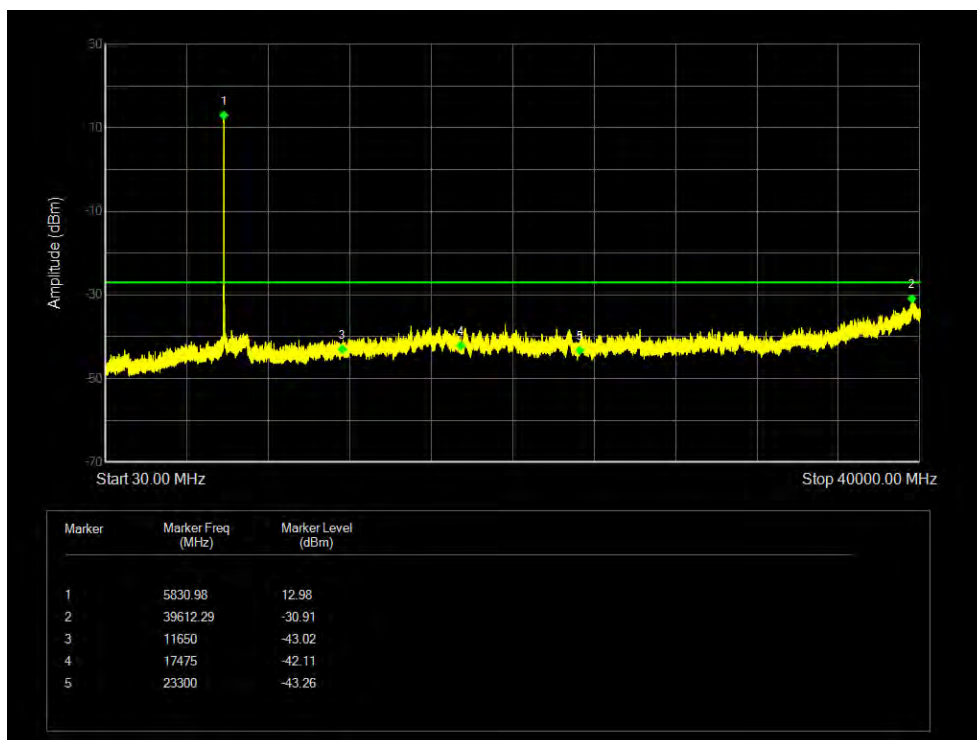
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 1 Emission



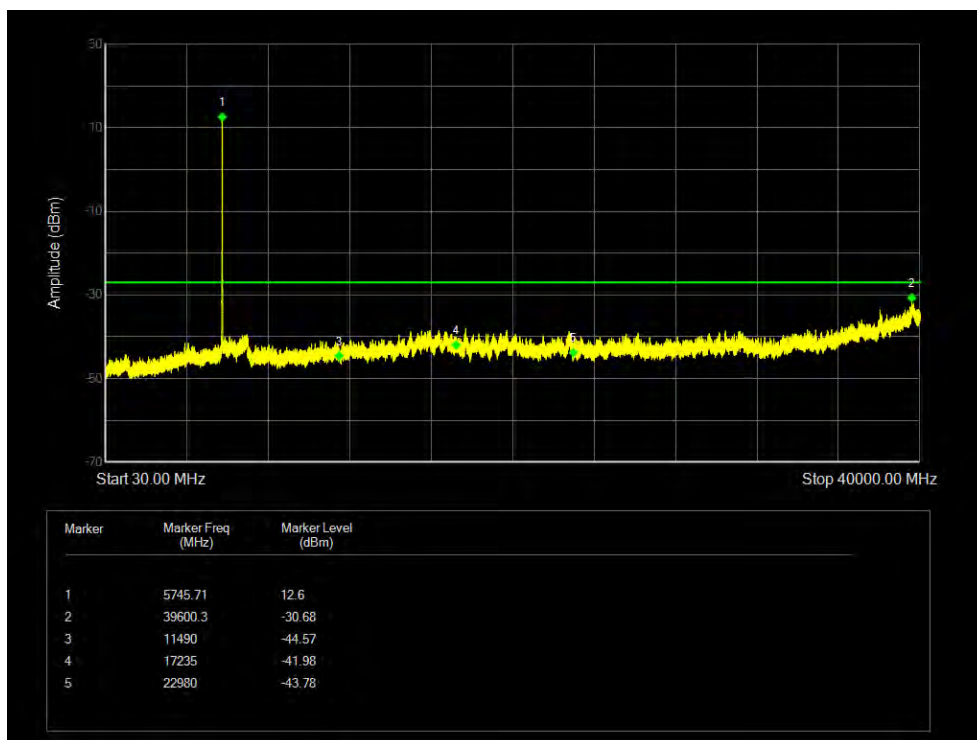
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 1 Emission

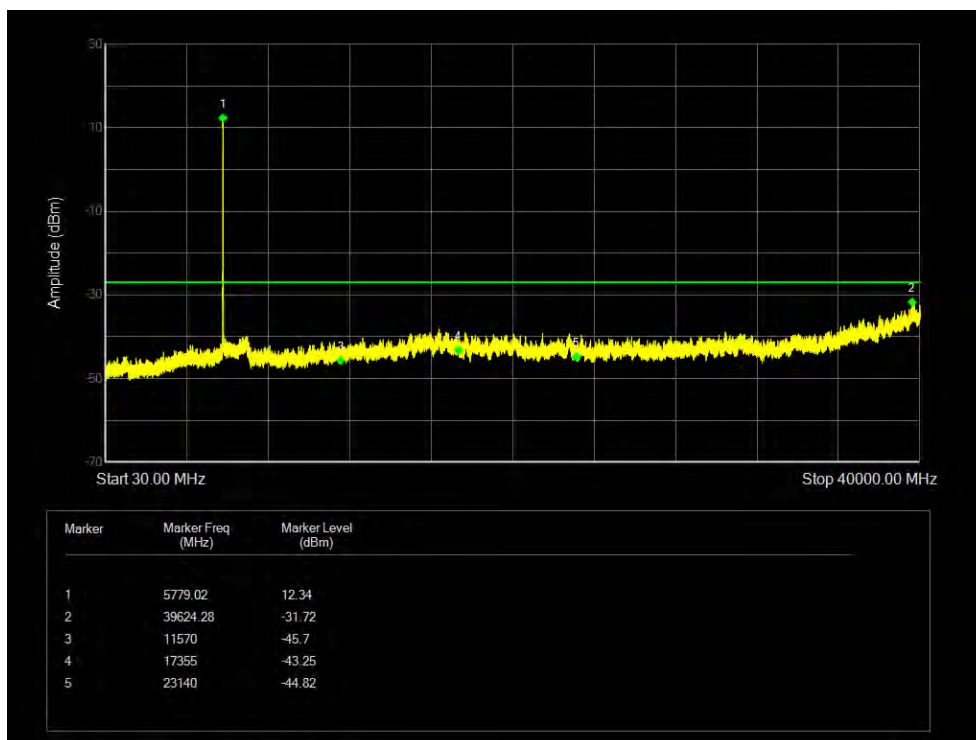


Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 2 Emission

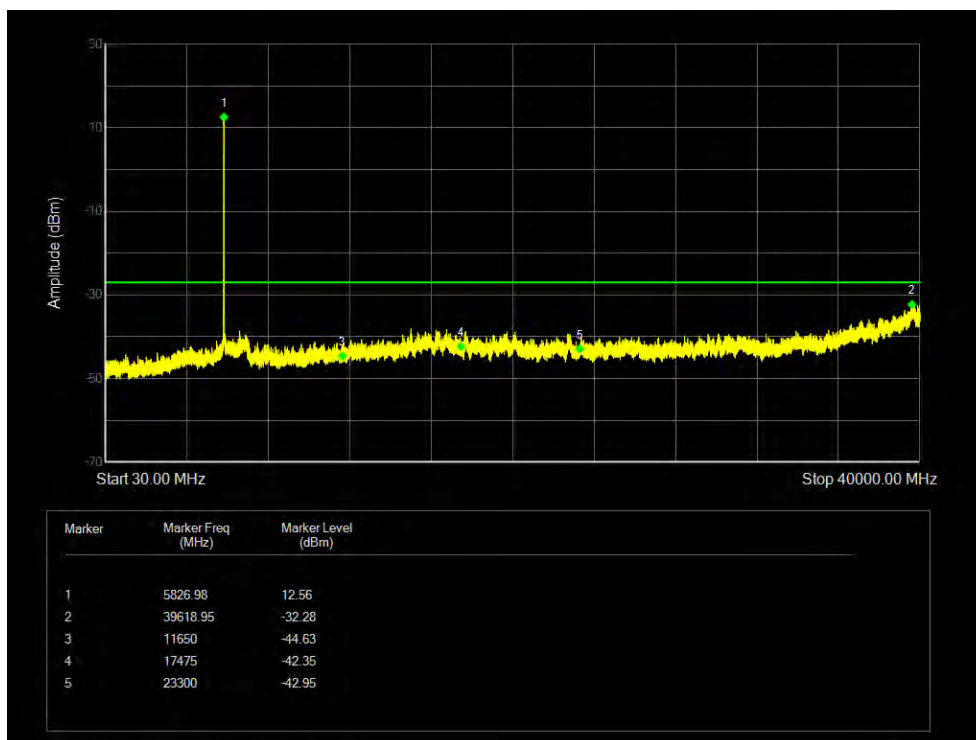




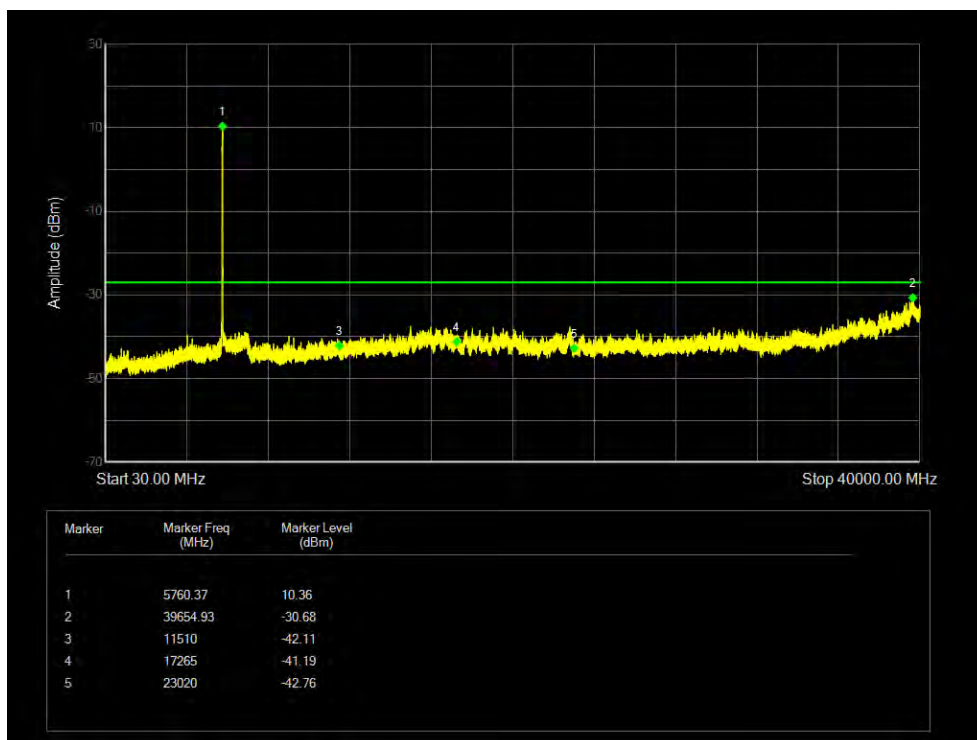
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 2 Emission



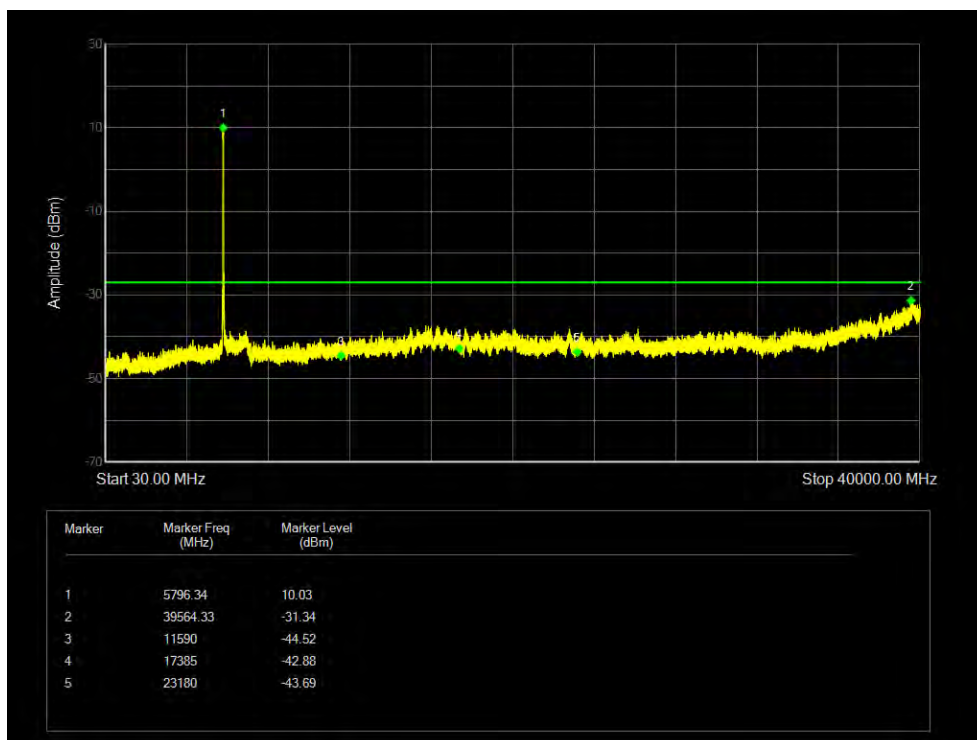
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 2 Emission



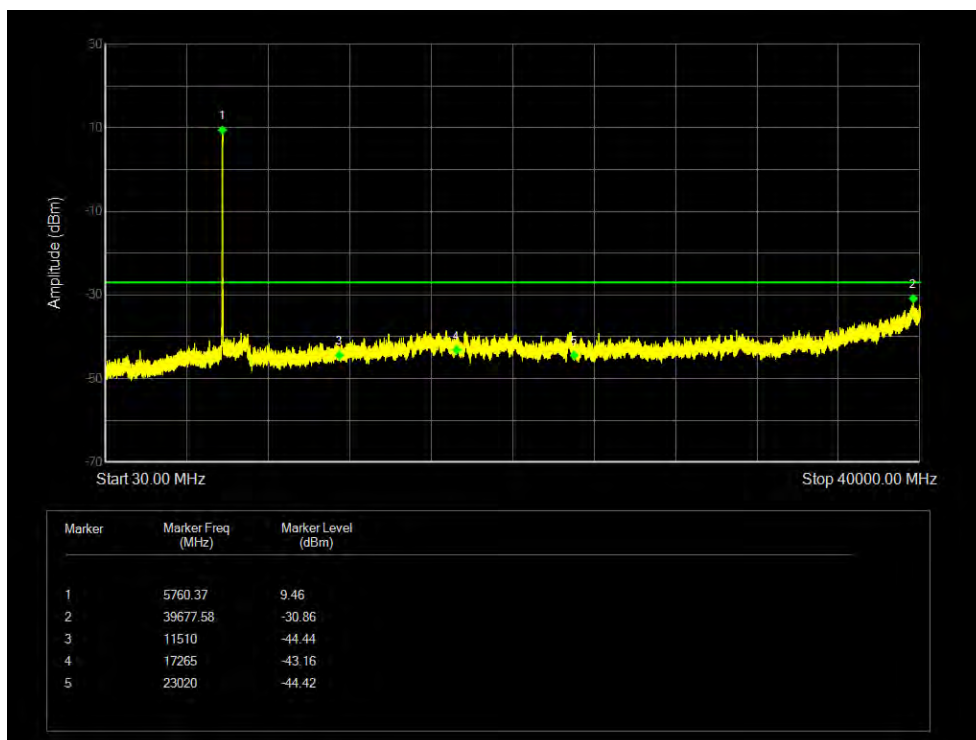
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 1 Emission



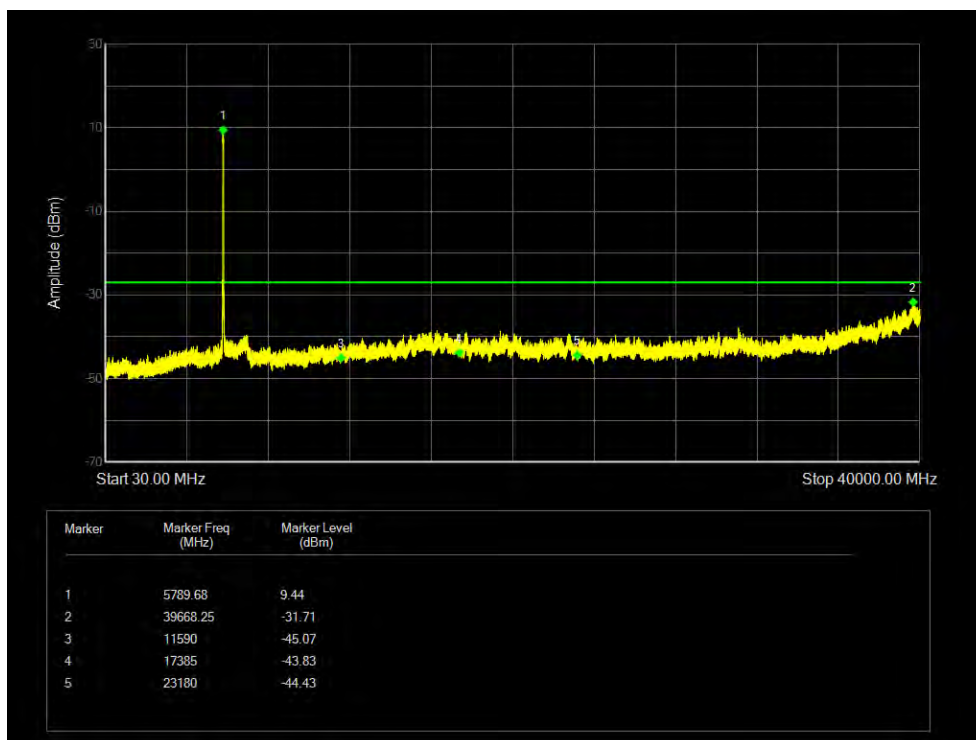
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 2 Emission

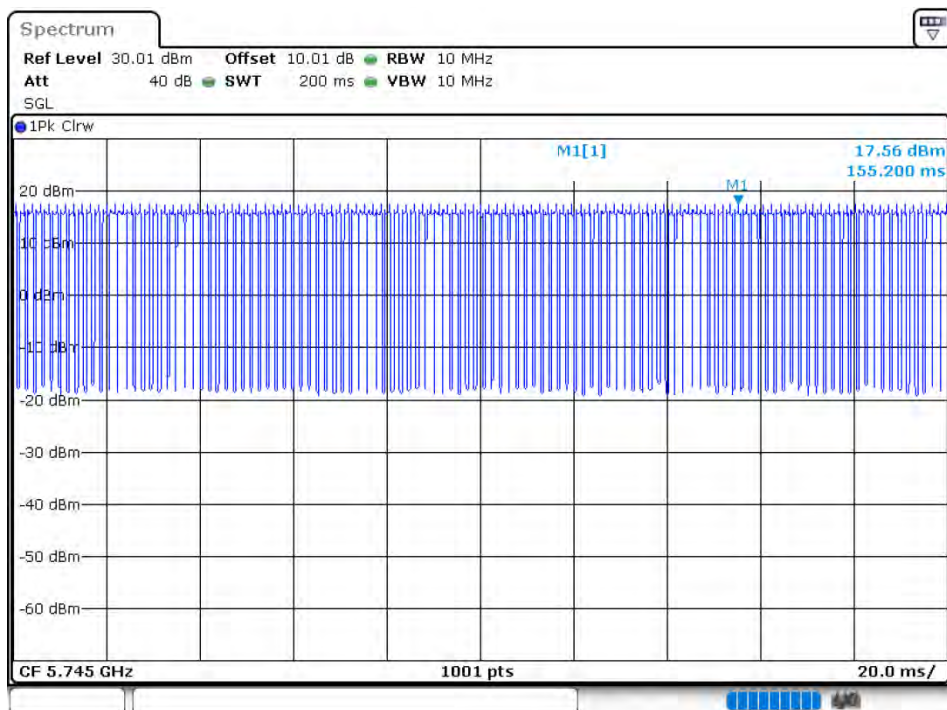


## 5.8G MIMO

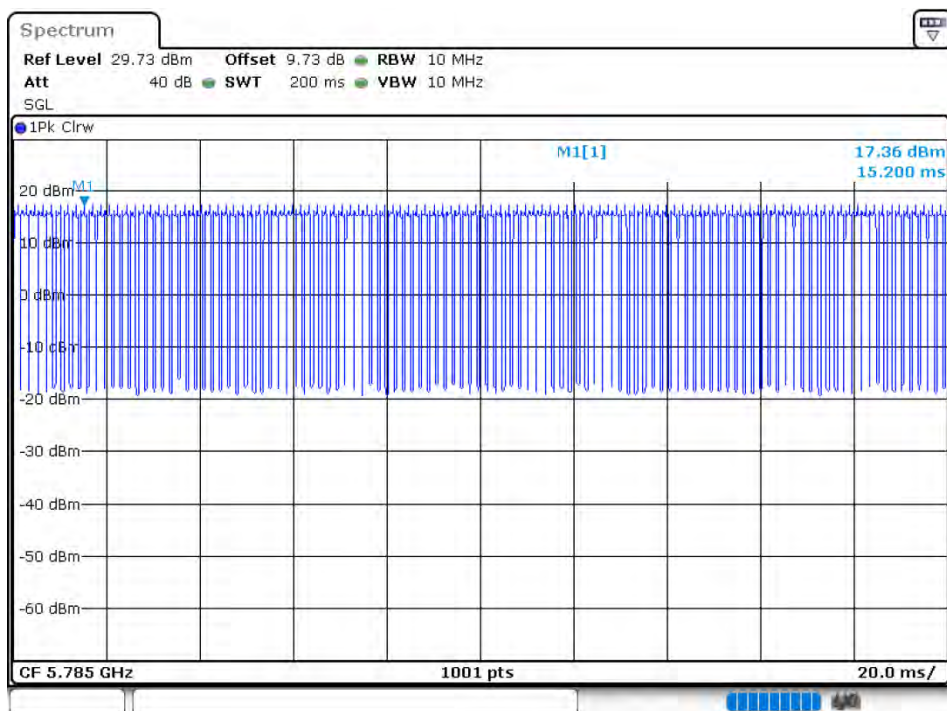
### Duty Cycle

| Condition | Mode          | Frequency (MHz) | Duty Cycle (%) | Correction Factor (dB) |
|-----------|---------------|-----------------|----------------|------------------------|
| NVNT      | 802.11ac20    | 5745            | 100            | 0                      |
| NVNT      | 802.11ac20    | 5785            | 100            | 0                      |
| NVNT      | 802.11ac20    | 5825            | 100            | 0                      |
| NVNT      | 802.11ac40    | 5755            | 100            | 0                      |
| NVNT      | 802.11ac40    | 5795            | 100            | 0                      |
| NVNT      | 802.11ac80    | 5775            | 100            | 0                      |
| NVNT      | 802.11n(HT20) | 5745            | 100            | 0                      |
| NVNT      | 802.11n(HT20) | 5785            | 100            | 0                      |
| NVNT      | 802.11n(HT20) | 5825            | 100            | 0                      |
| NVNT      | 802.11n(HT40) | 5755            | 100            | 0                      |
| NVNT      | 802.11n(HT40) | 5795            | 100            | 0                      |

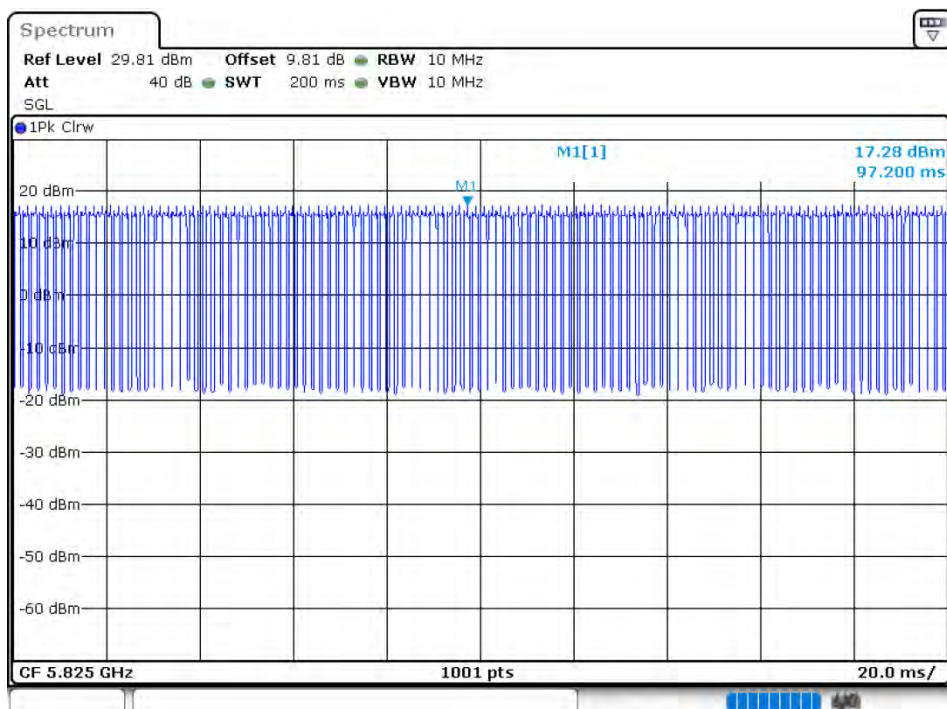
Duty Cycle NVNT 802.11ac20 5745MHz



Duty Cycle NVNT 802.11ac20 5785MHz

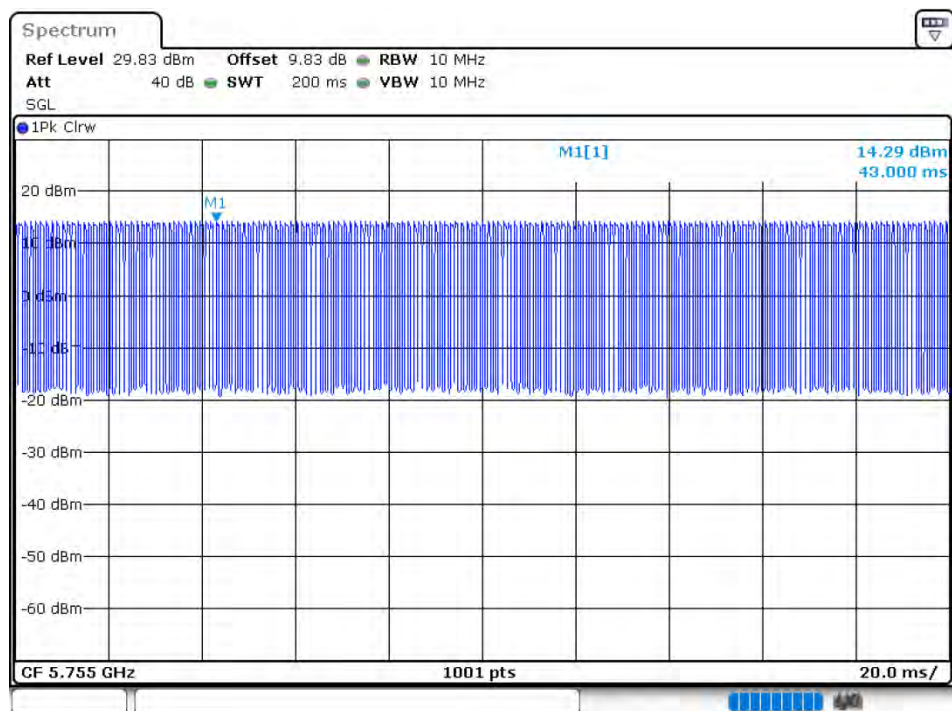


Duty Cycle NVNT 802.11ac20 5825MHz

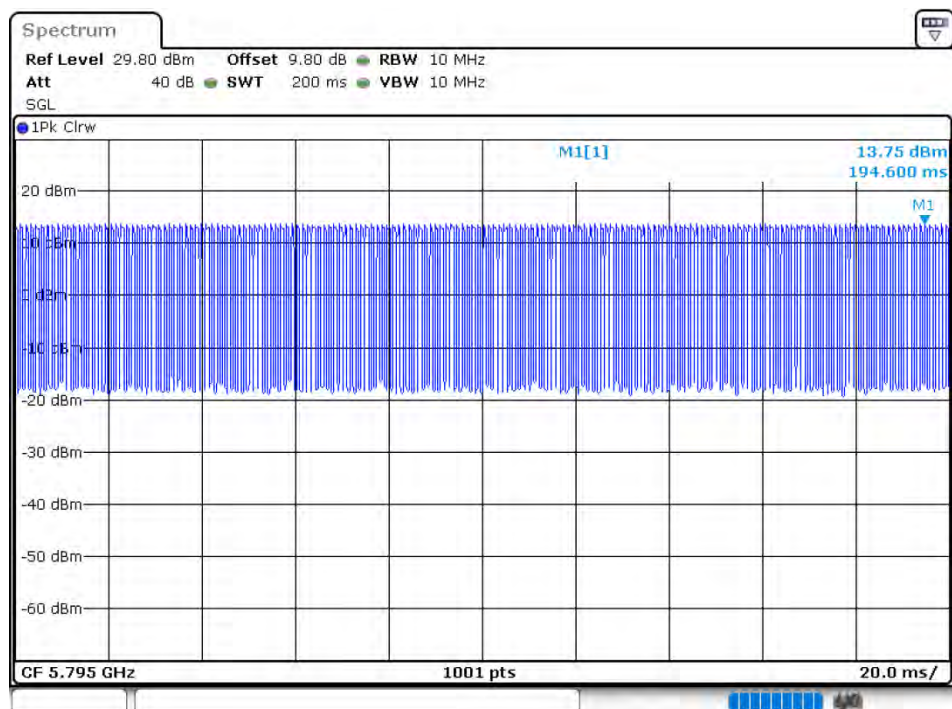




Duty Cycle NVNT 802.11ac40 5755MHz

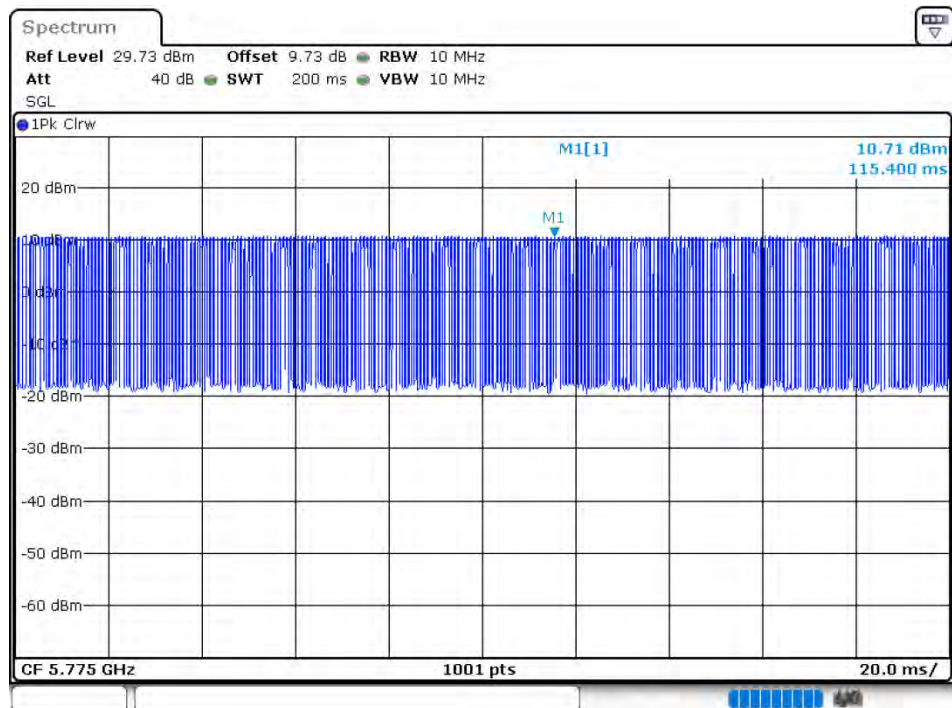


Duty Cycle NVNT 802.11ac40 5795MHz

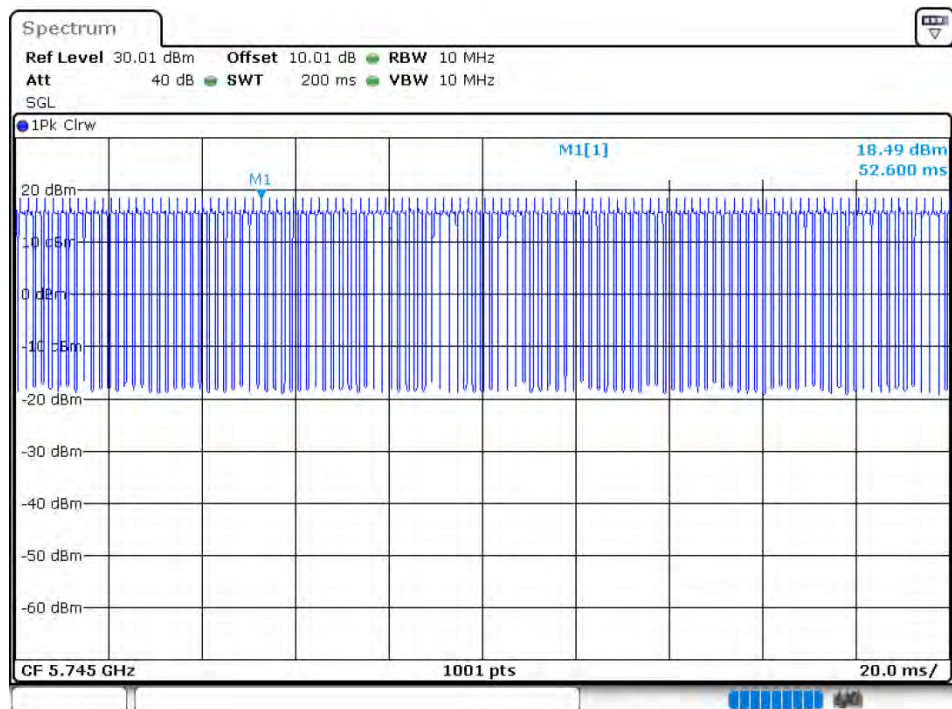




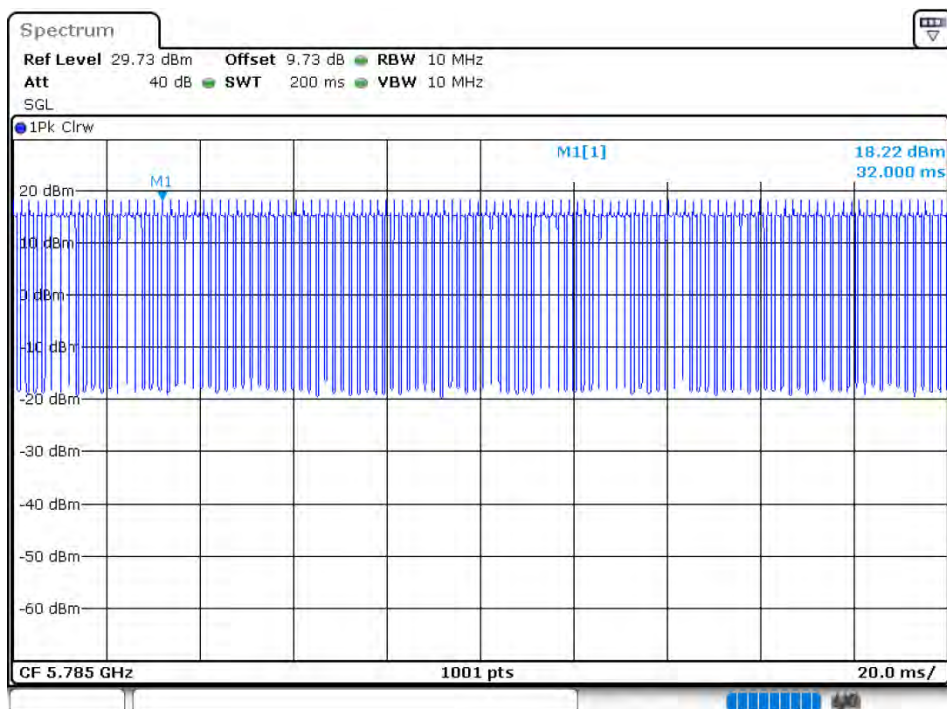
Duty Cycle NVNT 802.11ac80 5775MHz



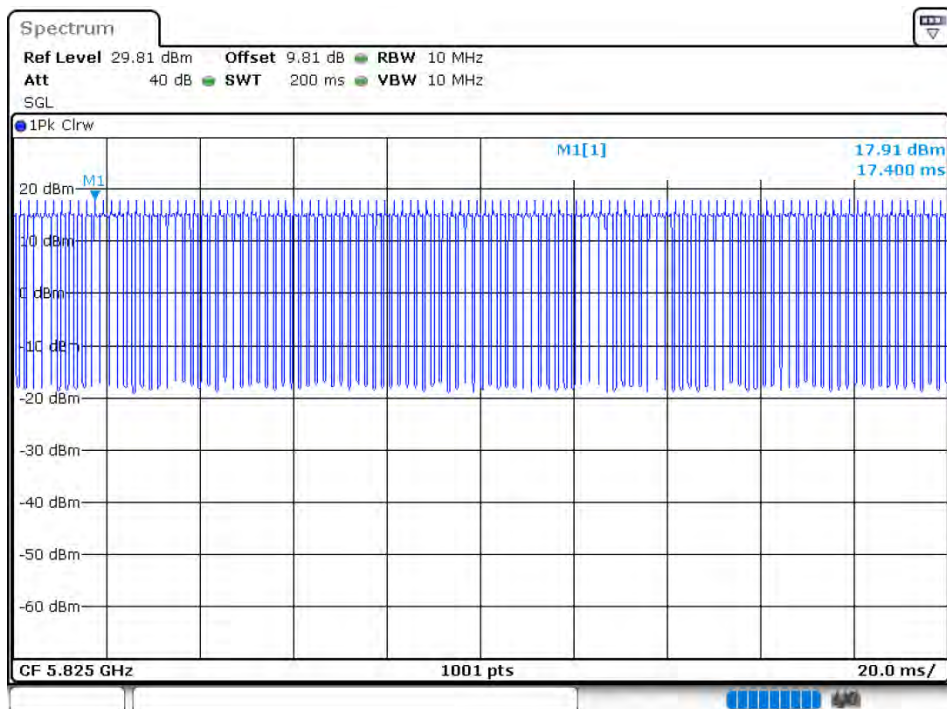
Duty Cycle NVNT 802.11n(HT20) 5745MHz



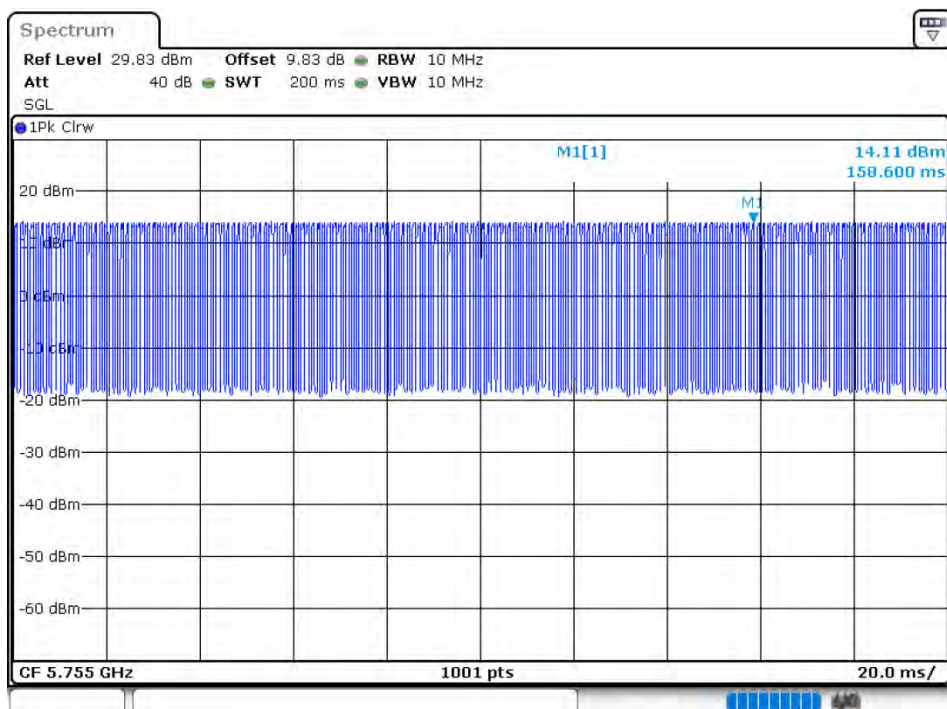
Duty Cycle NVNT 802.11n(HT20) 5785MHz



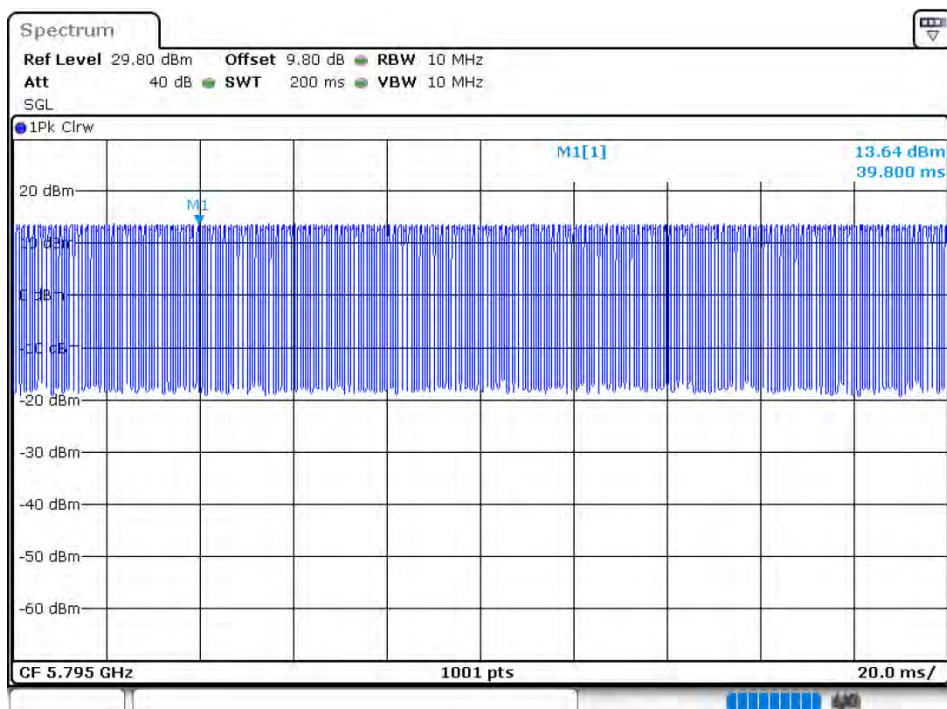
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



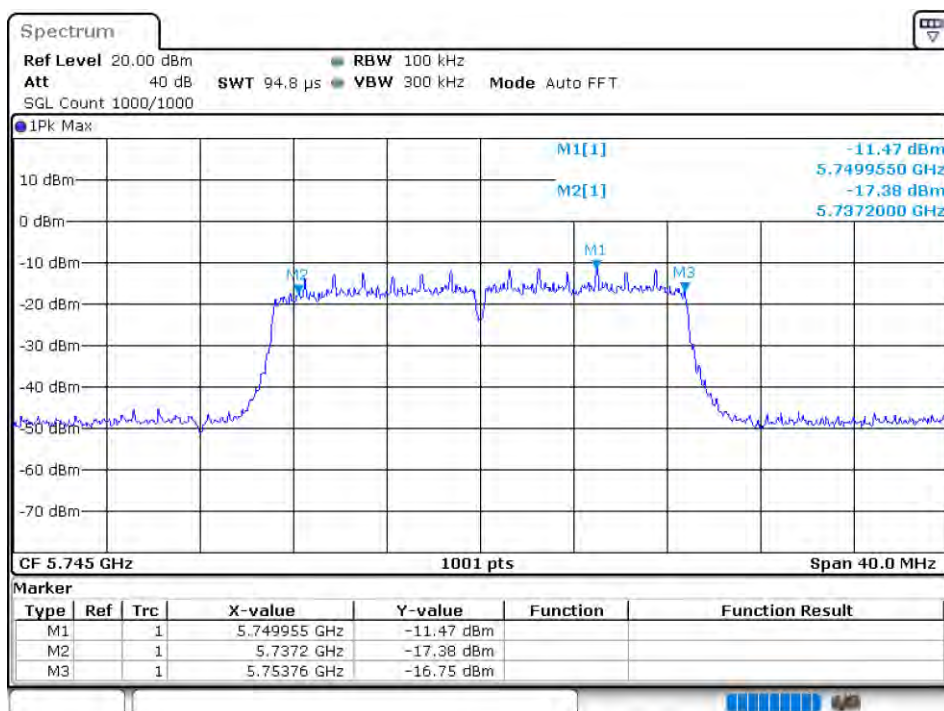
Duty Cycle NVNT 802.11n(HT40) 5795MHz



### -6dB Emission Bandwidth

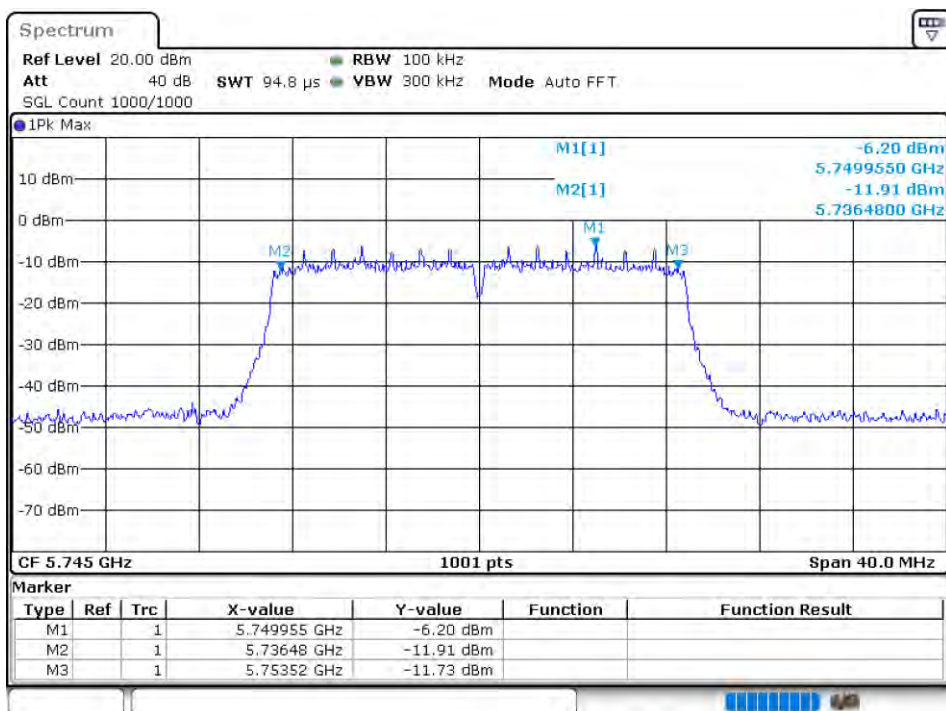
| Condition | Mode          | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|---------------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | 802.11ac20    | 5745            | Ant 1   | 16.56                 | 0.5                         | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 2   | 17.04                 | 0.5                         | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | 17.32                 | 0.5                         | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 2   | 17.04                 | 0.5                         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | 16.92                 | 0.5                         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 2   | 17.28                 | 0.5                         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | 35.04                 | 0.5                         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 2   | 35.12                 | 0.5                         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | 35.12                 | 0.5                         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 2   | 35.12                 | 0.5                         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | 57.6                  | 0.5                         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 2   | 75.2                  | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | 16.92                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 2   | 17.56                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | 17.56                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 2   | 17.32                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | 17.16                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 2   | 17.56                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | 33.84                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 2   | 35.2                  | 0.5                         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | 35.52                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 2   | 35.12                 | 0.5                         | Pass    |

EBW NVNT 802.11ac20 5745MHz Ant1

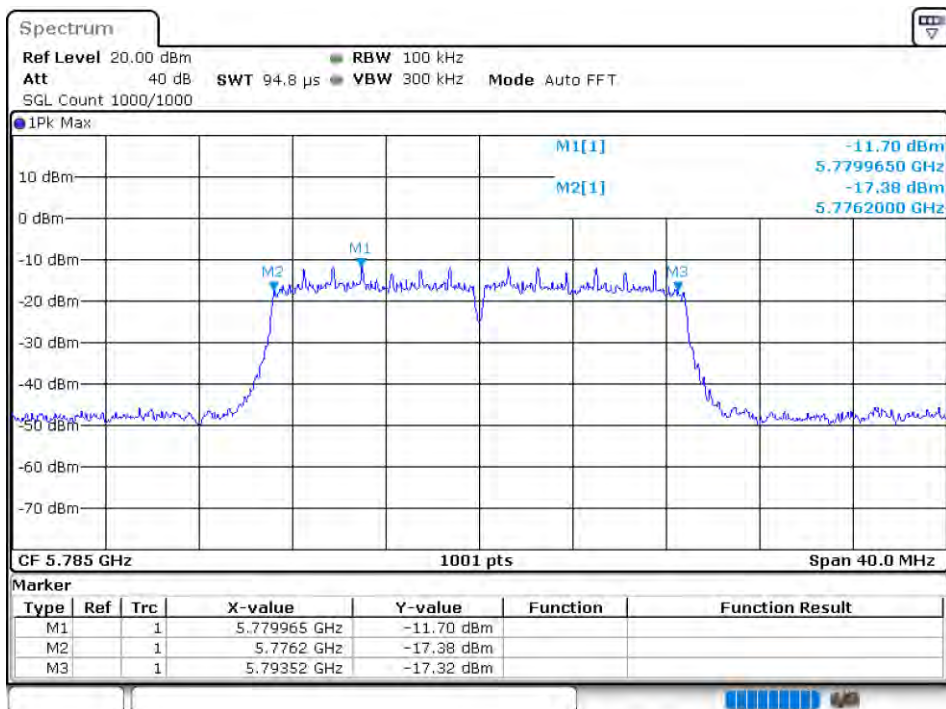




EBW NVNT 802.11ac20 5745MHz Ant2

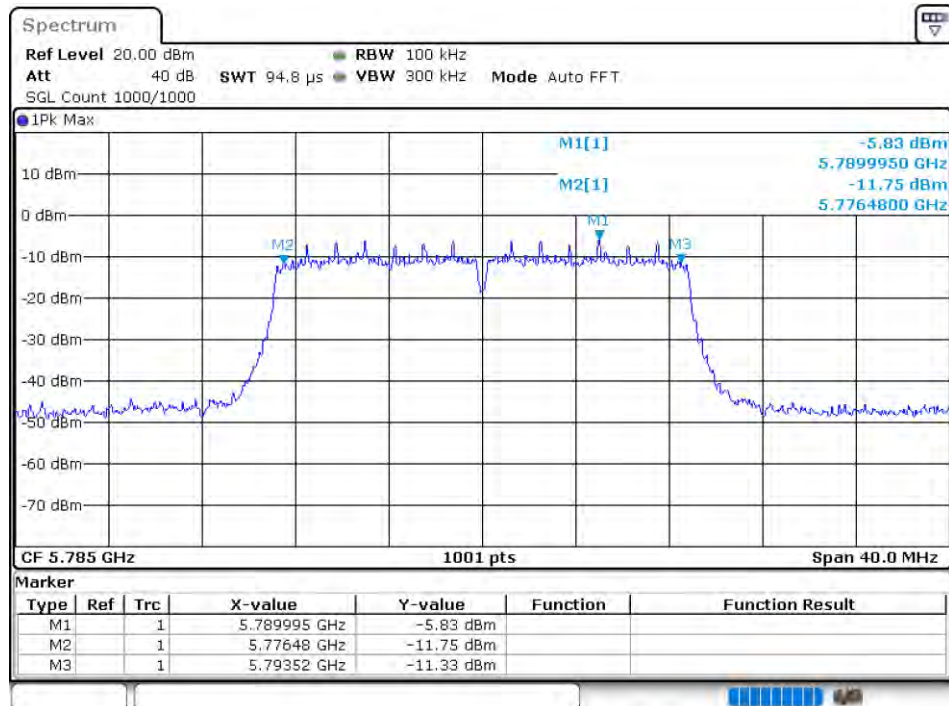


EBW NVNT 802.11ac20 5785MHz Ant1

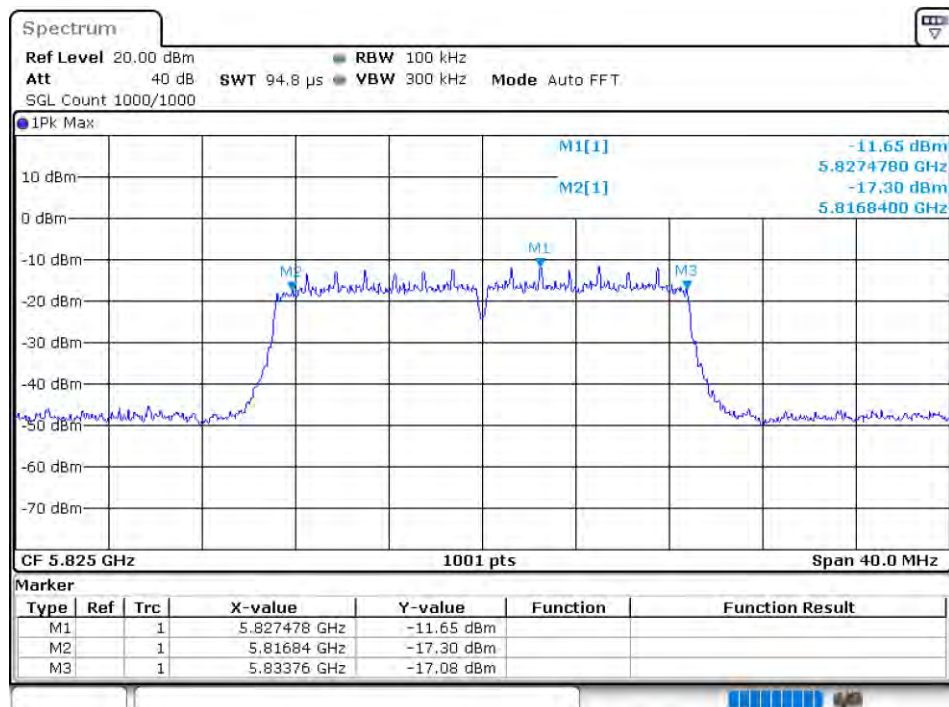




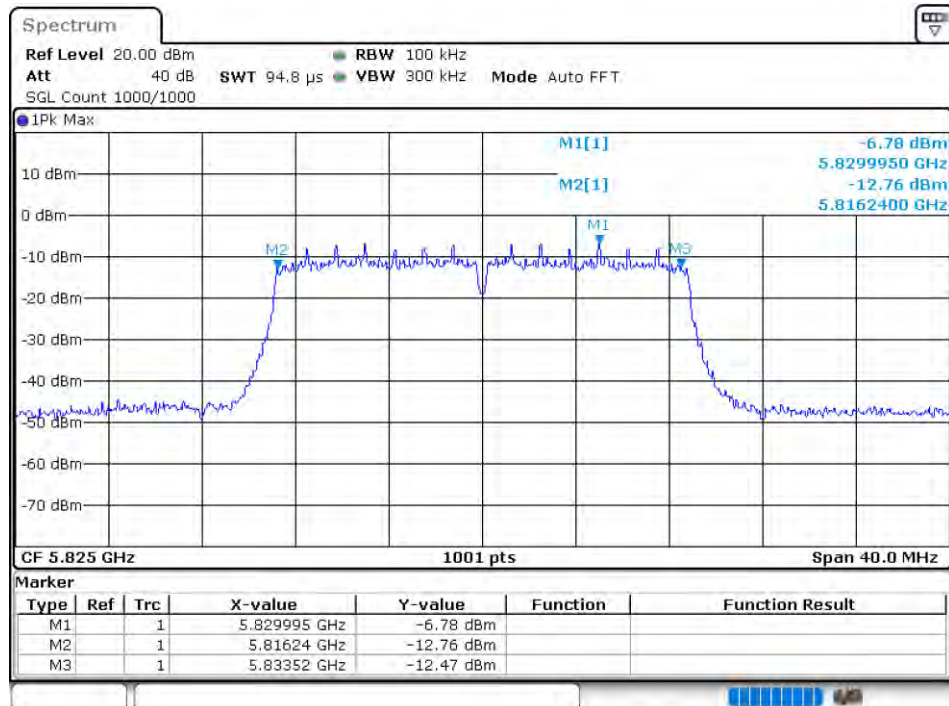
EBW NVNT 802.11ac20 5785MHz Ant2



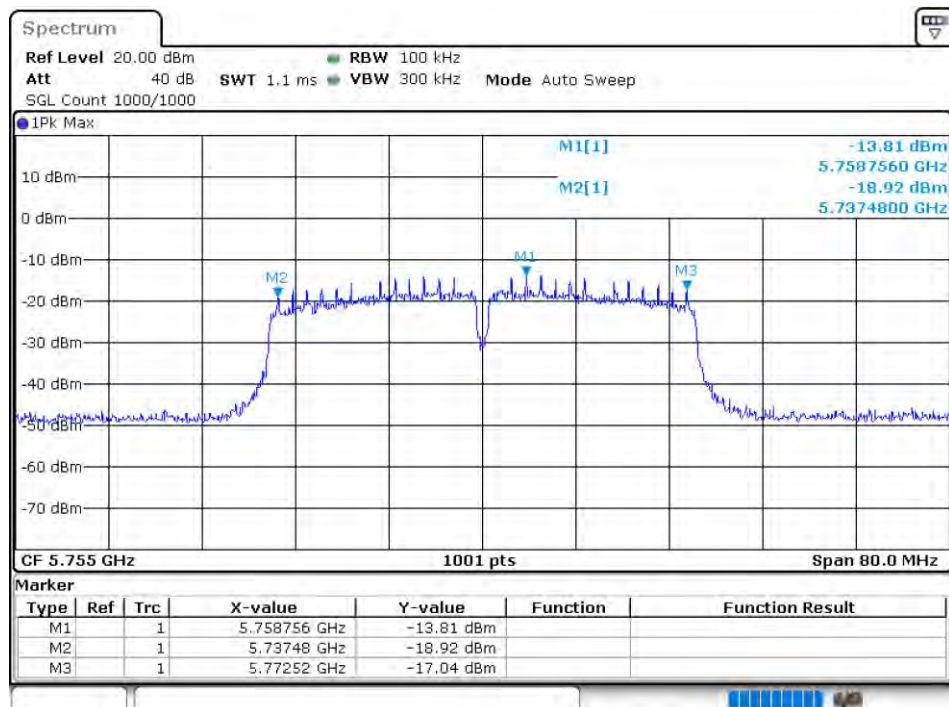
EBW NVNT 802.11ac20 5825MHz Ant1



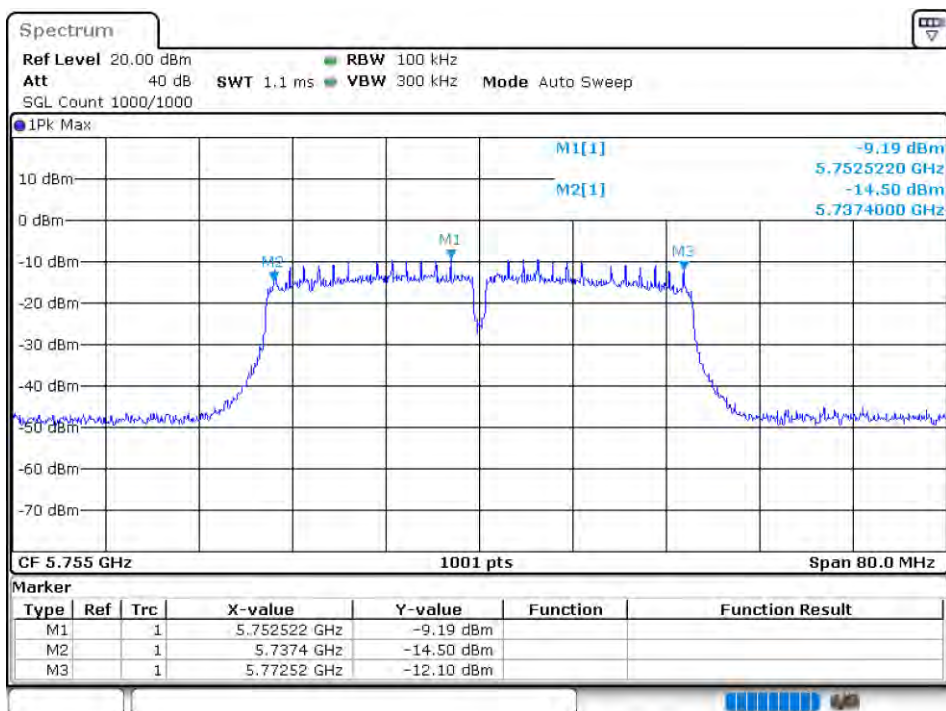
EBW NVNT 802.11ac20 5825MHz Ant2



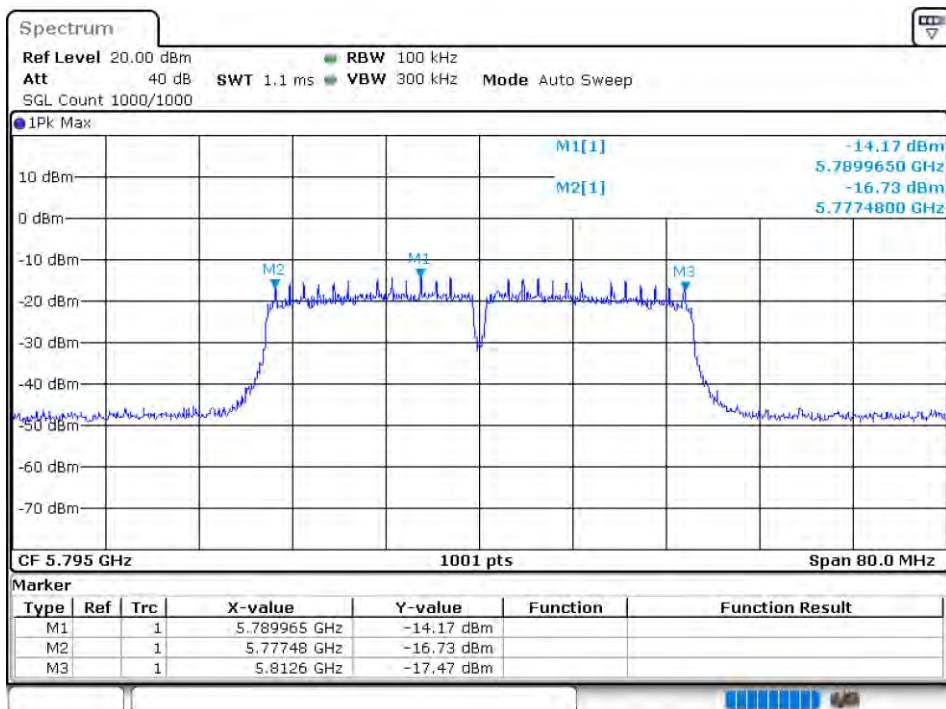
EBW NVNT 802.11ac40 5755MHz Ant1



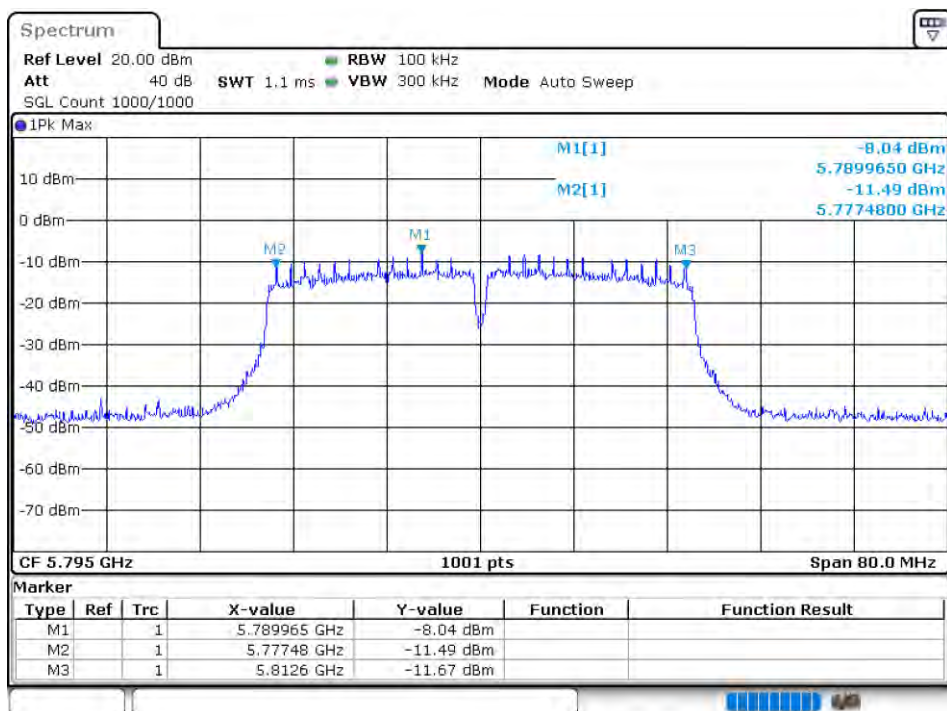
EBW NVNT 802.11ac40 5755MHz Ant2



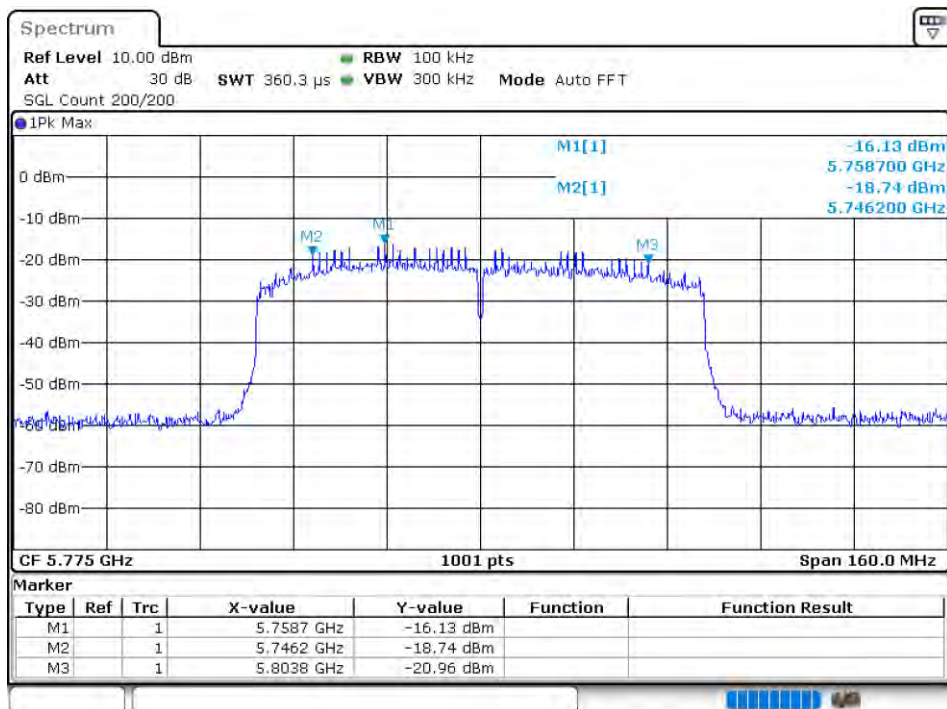
EBW NVNT 802.11ac40 5795MHz Ant1



EBW NVNT 802.11ac40 5795MHz Ant2

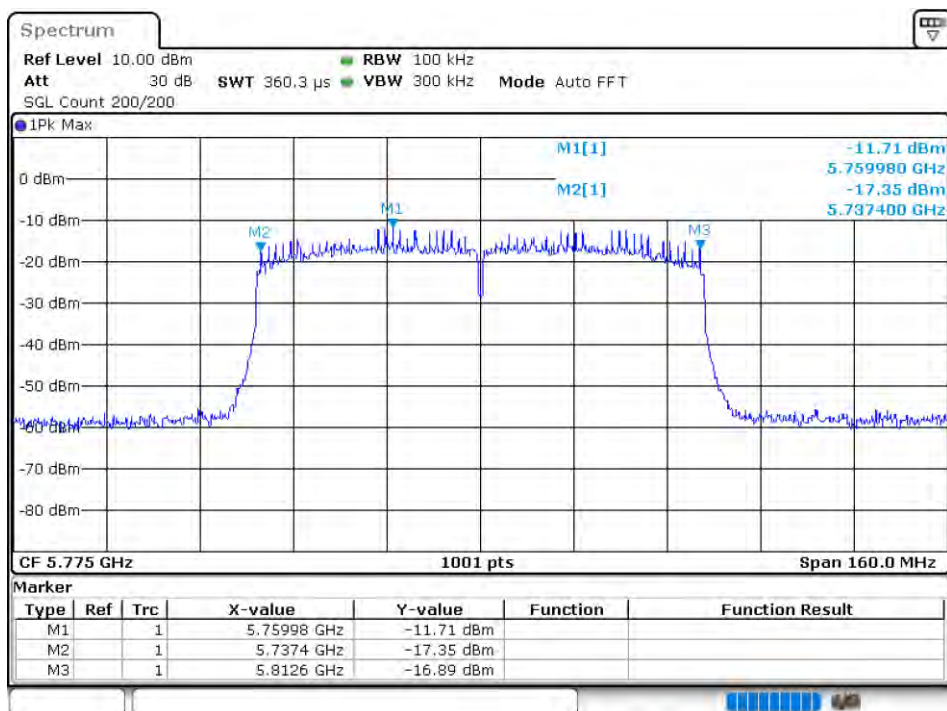


EBW NVNT 802.11ac80 5775MHz Ant1

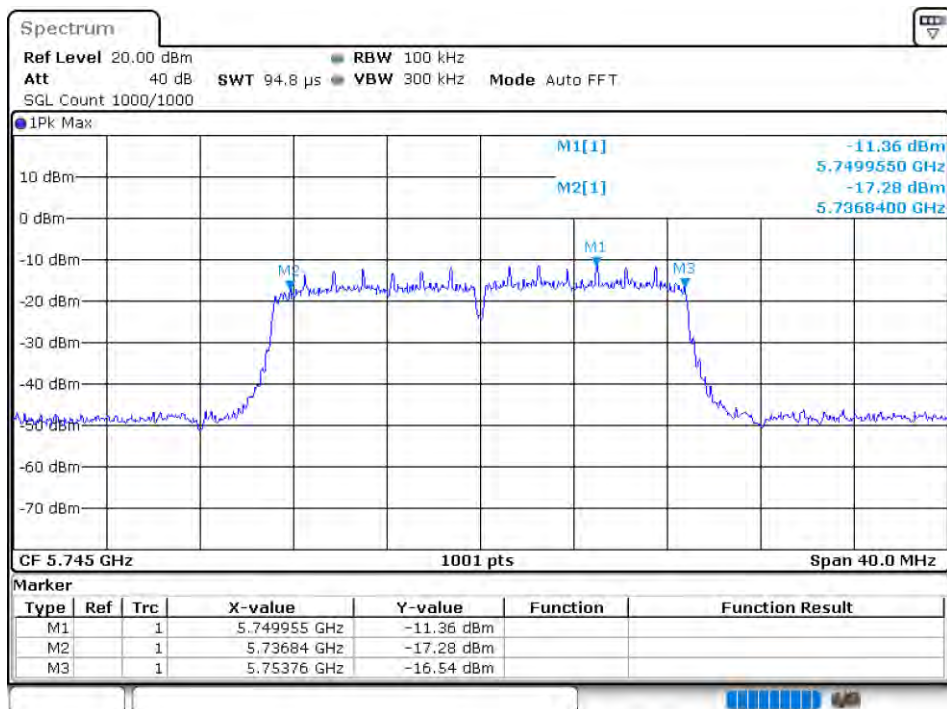




EBW NVNT 802.11ac80 5775MHz Ant2

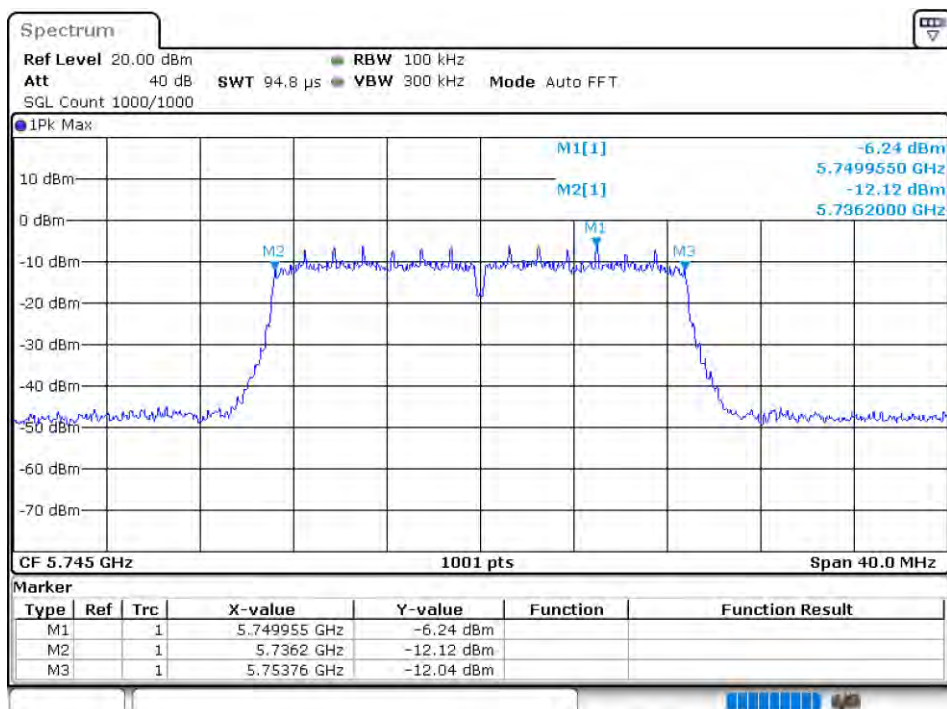


EBW NVNT 802.11n(HT20) 5745MHz Ant1

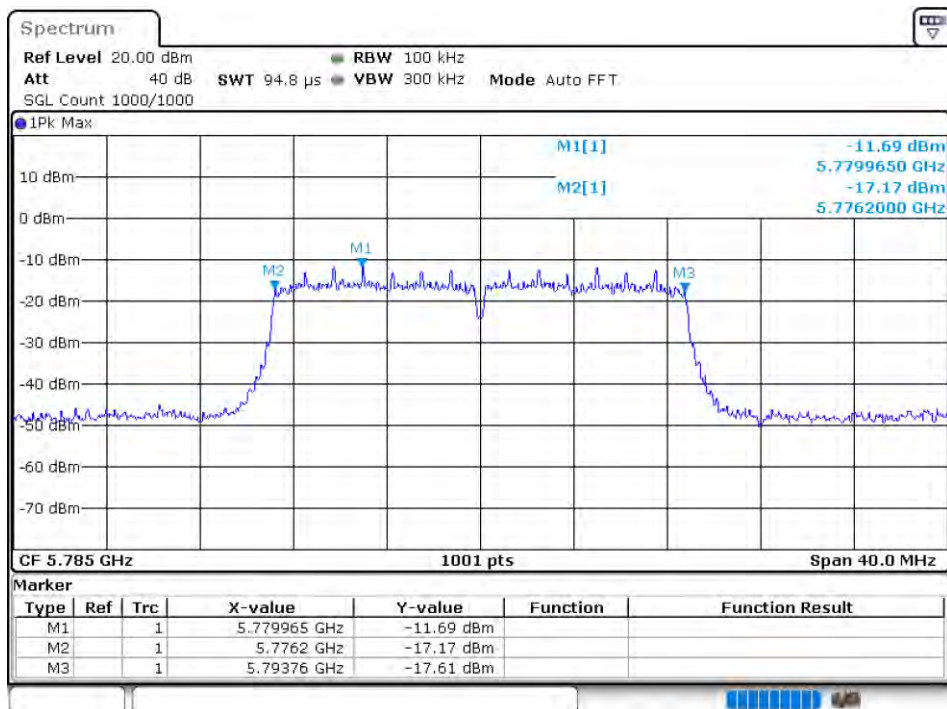




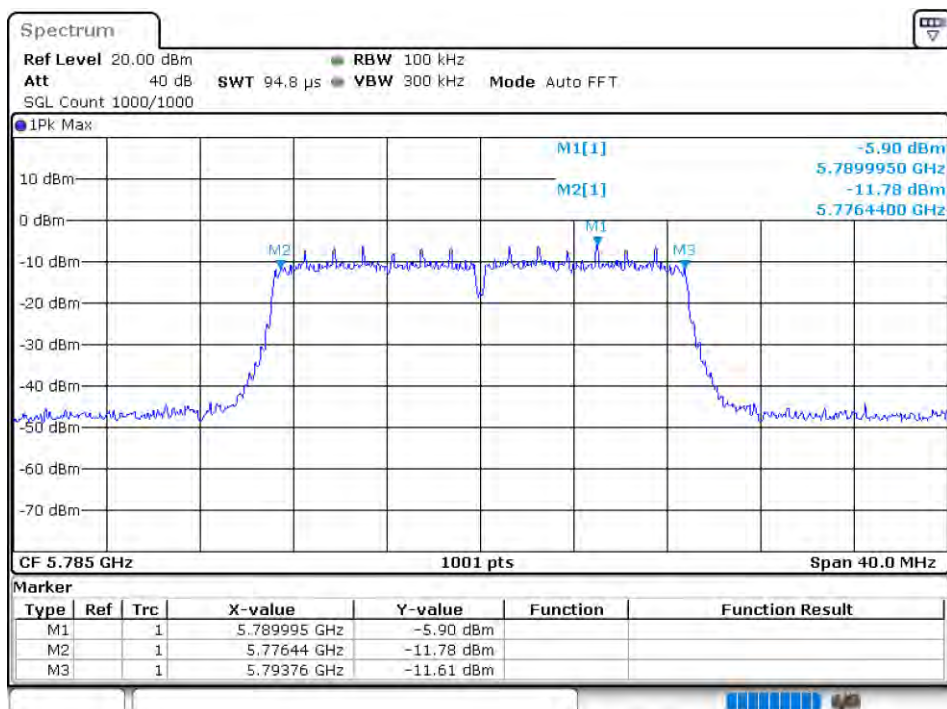
EBW NVNT 802.11n(HT20) 5745MHz Ant2



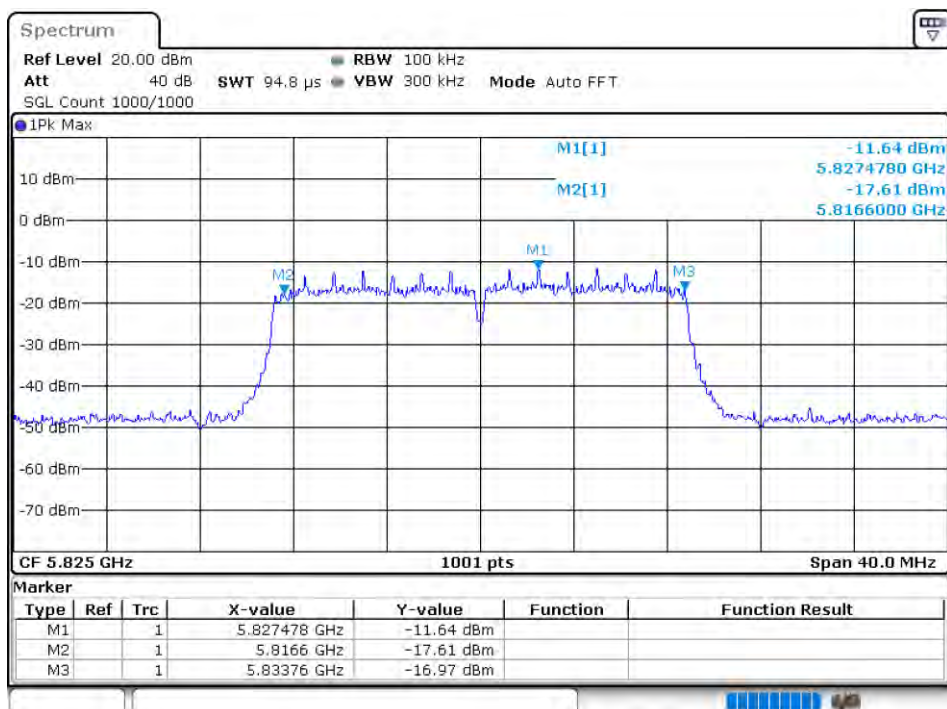
EBW NVNT 802.11n(HT20) 5785MHz Ant1



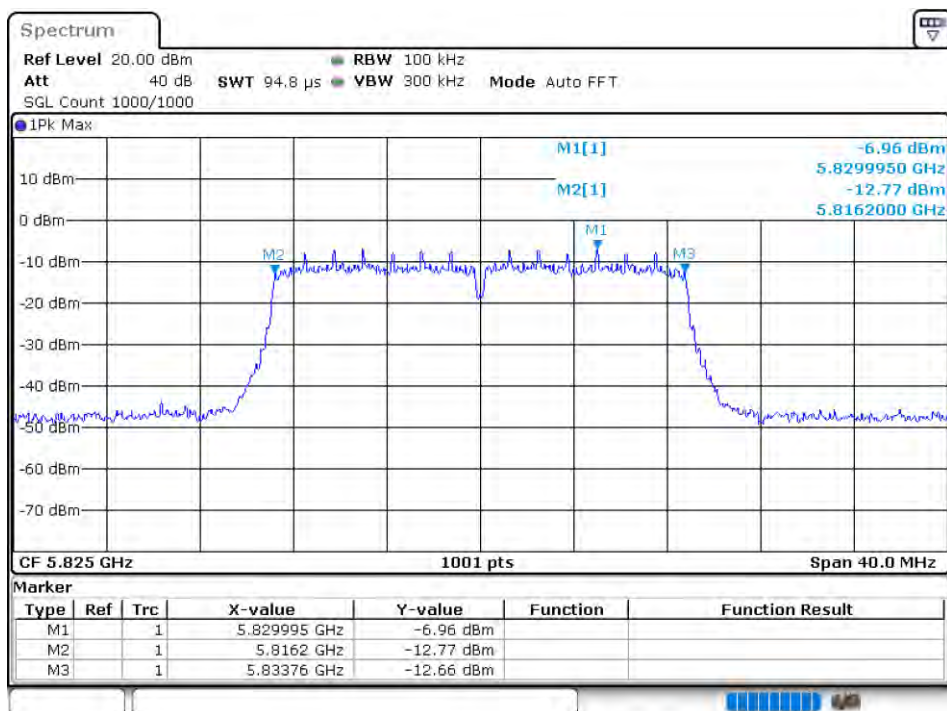
EBW NVNT 802.11n(HT20) 5785MHz Ant2



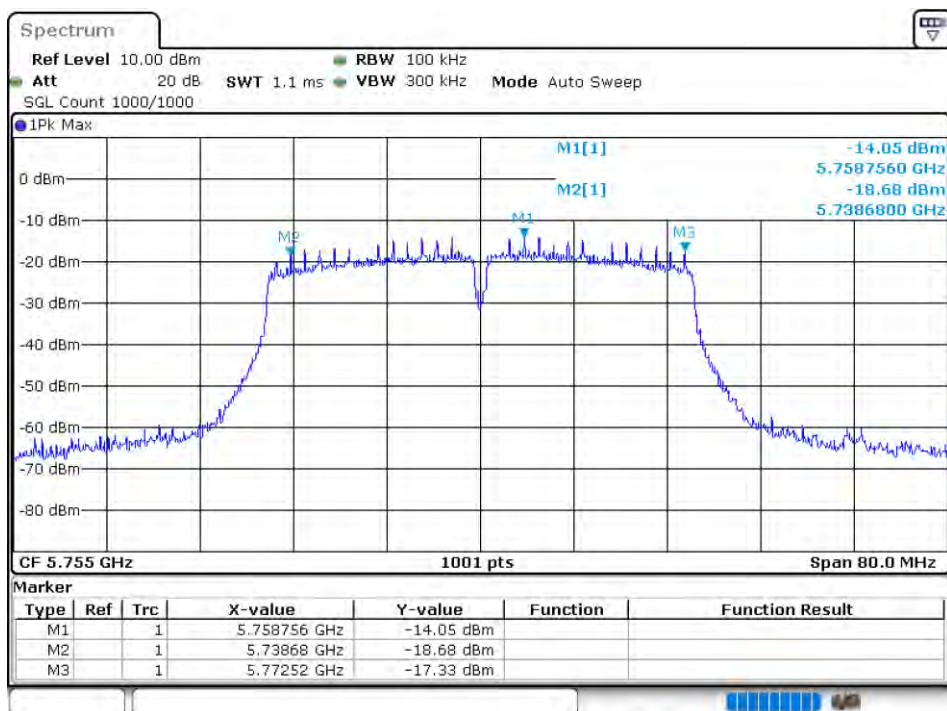
EBW NVNT 802.11n(HT20) 5825MHz Ant1



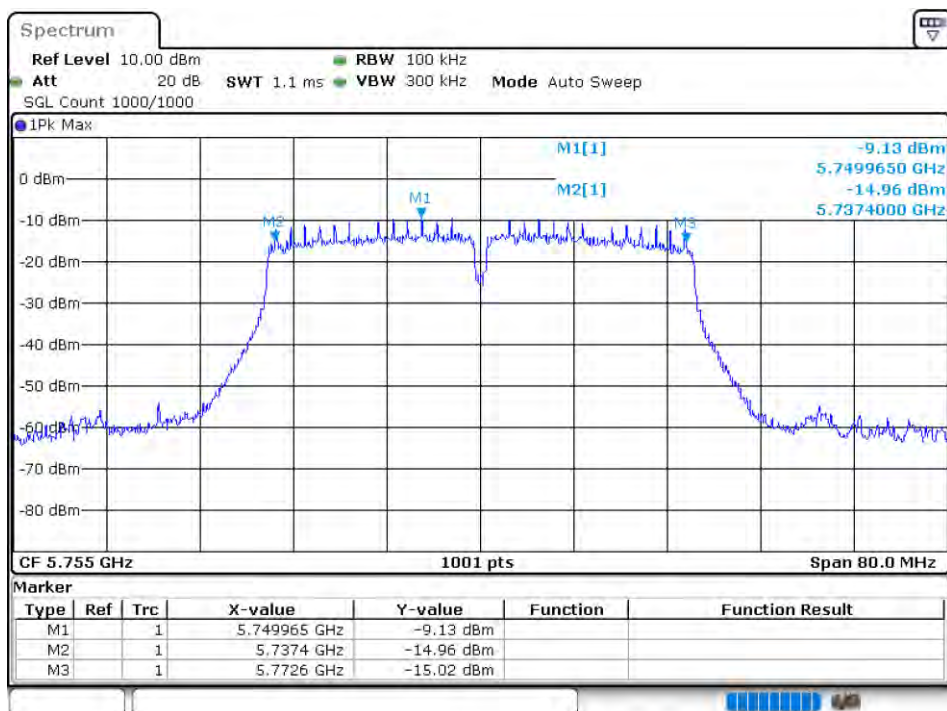
EBW NVNT 802.11n(HT20) 5825MHz Ant2



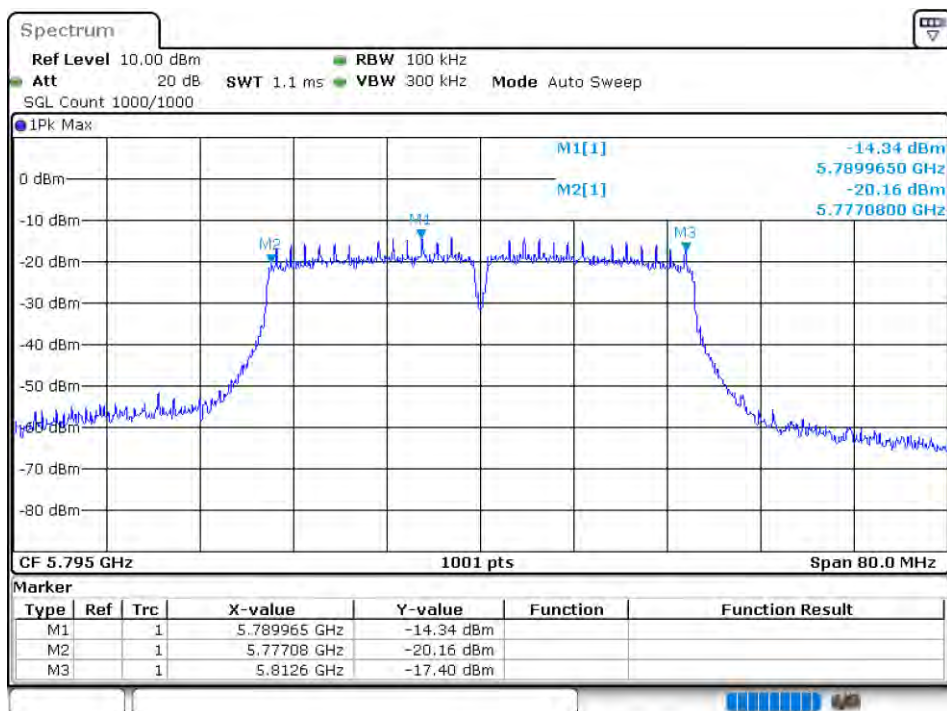
EBW NVNT 802.11n(HT40) 5755MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant2

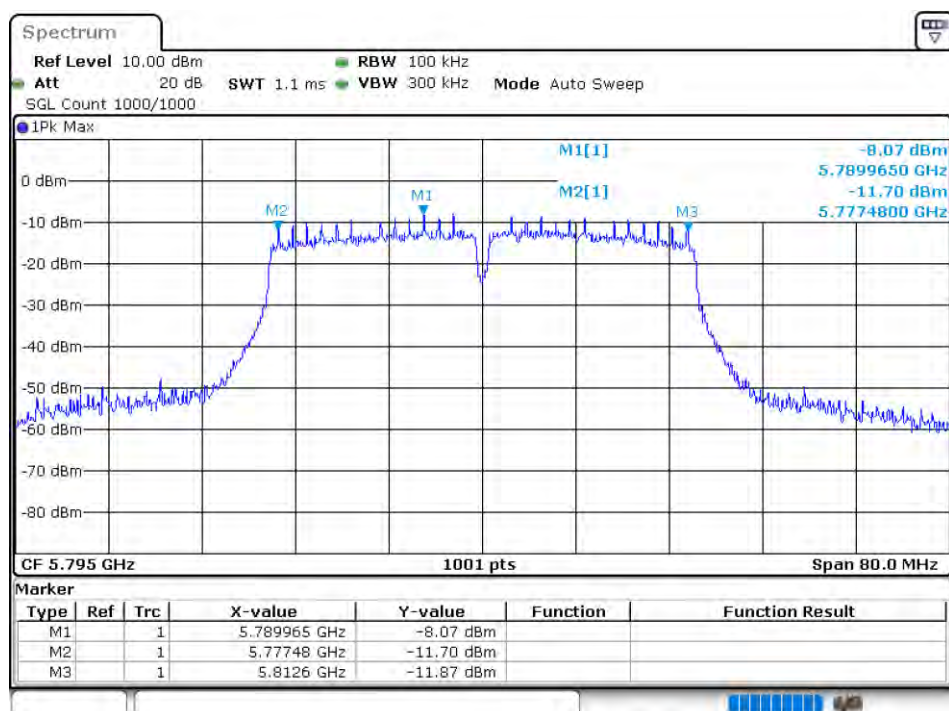


EBW NVNT 802.11n(HT40) 5795MHz Ant1





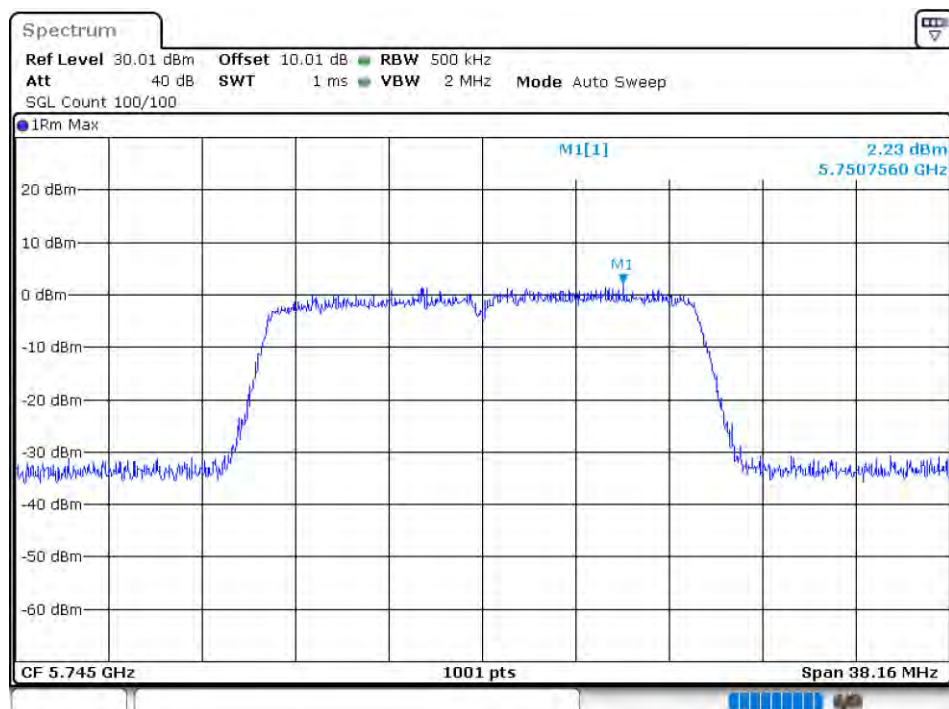
EBW NVNT 802.11n(HT40) 5795MHz Ant2



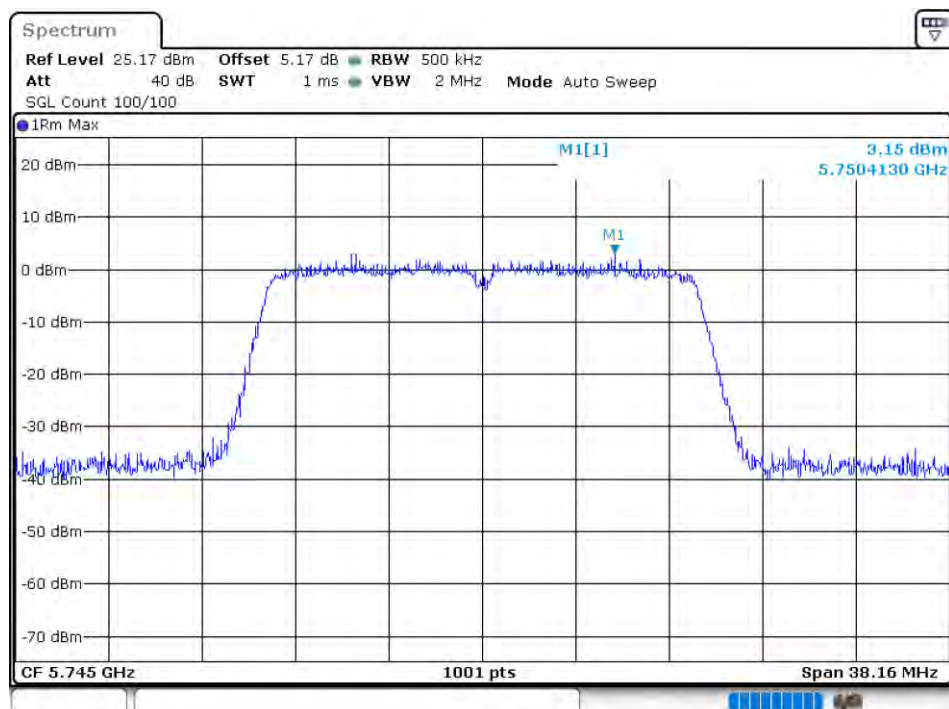
### Maximum Power Spectral Density Level

| Condition | Mode          | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|---------------|-------------|---------|
| NVNT      | 802.11ac20    | 5745            | Ant 1   | 2.234         | 29.67       | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 2   | 3.152         | 30          | Pass    |
| NVNT      | 802.11ac20    | 5745            | Sum     | 5.728         | 27.11       | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | 1.14          | 29.67       | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 2   | 2.884         | 30          | Pass    |
| NVNT      | 802.11ac20    | 5785            | Sum     | 5.109         | 27.11       | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | 1.695         | 29.67       | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 2   | 2.982         | 30          | Pass    |
| NVNT      | 802.11ac20    | 5825            | Sum     | 5.396         | 27.11       | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | -1.023        | 29.67       | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 2   | -1.114        | 30          | Pass    |
| NVNT      | 802.11ac40    | 5755            | Sum     | 1.942         | 27.11       | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | -1.577        | 29.67       | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 2   | 0.085         | 30          | Pass    |
| NVNT      | 802.11ac40    | 5795            | Sum     | 2.343         | 27.11       | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -3.208        | 29.67       | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 2   | -2.847        | 30          | Pass    |
| NVNT      | 802.11ac80    | 5775            | Sum     | -0.013        | 27.11       | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | 2.432         | 29.67       | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 2   | 2.169         | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Sum     | 5.313         | 27.11       | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | 1.082         | 29.67       | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 2   | 3.13          | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Sum     | 5.236         | 27.11       | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | 1.165         | 29.67       | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 2   | 1.51          | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Sum     | 4.351         | 27.11       | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | -1.213        | 29.67       | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 2   | -1.32         | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Sum     | 1.744         | 27.11       | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | -1.283        | 29.67       | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 2   | -0.11         | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Sum     | 2.353         | 27.11       | Pass    |

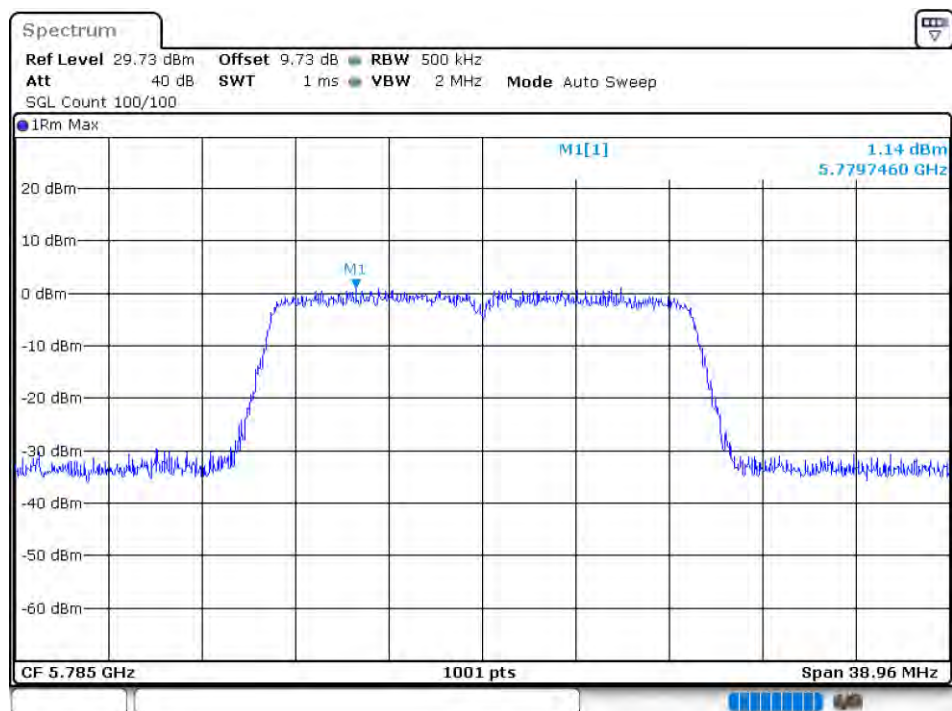
PSD NVNT 802.11ac20 5745MHz Ant1



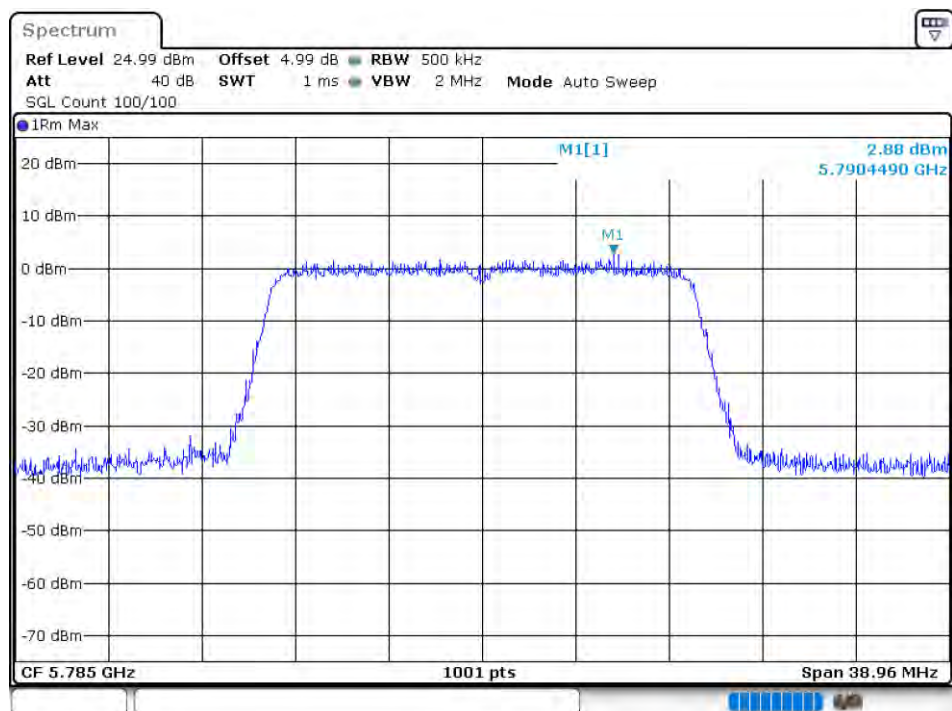
PSD NVNT 802.11ac20 5745MHz Ant2



PSD NVNT 802.11ac20 5785MHz Ant1



PSD NVNT 802.11ac20 5785MHz Ant2

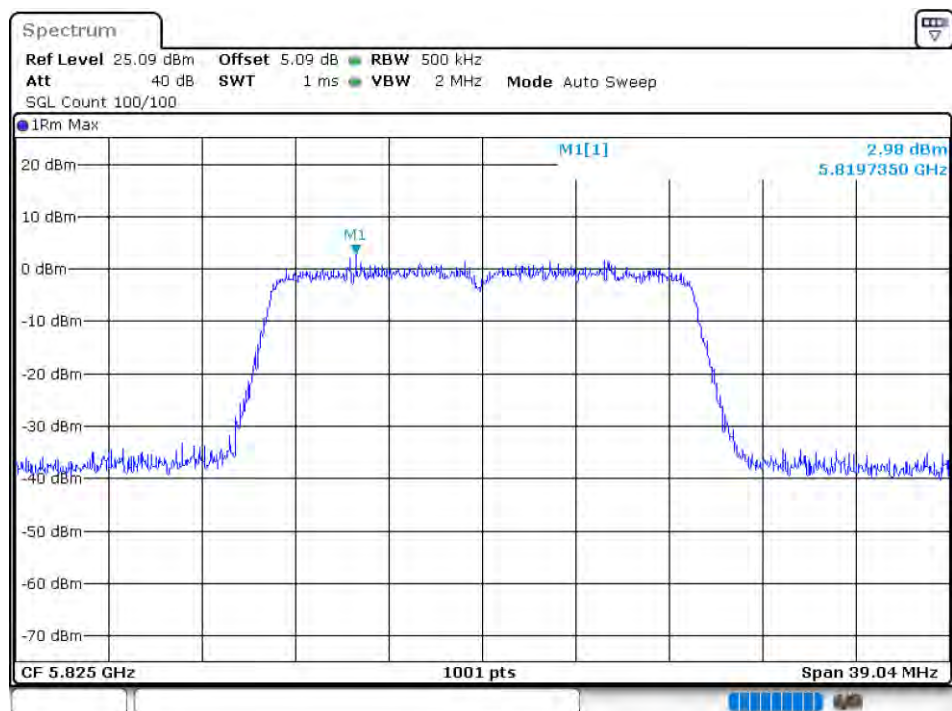




PSD NVNT 802.11ac20 5825MHz Ant1



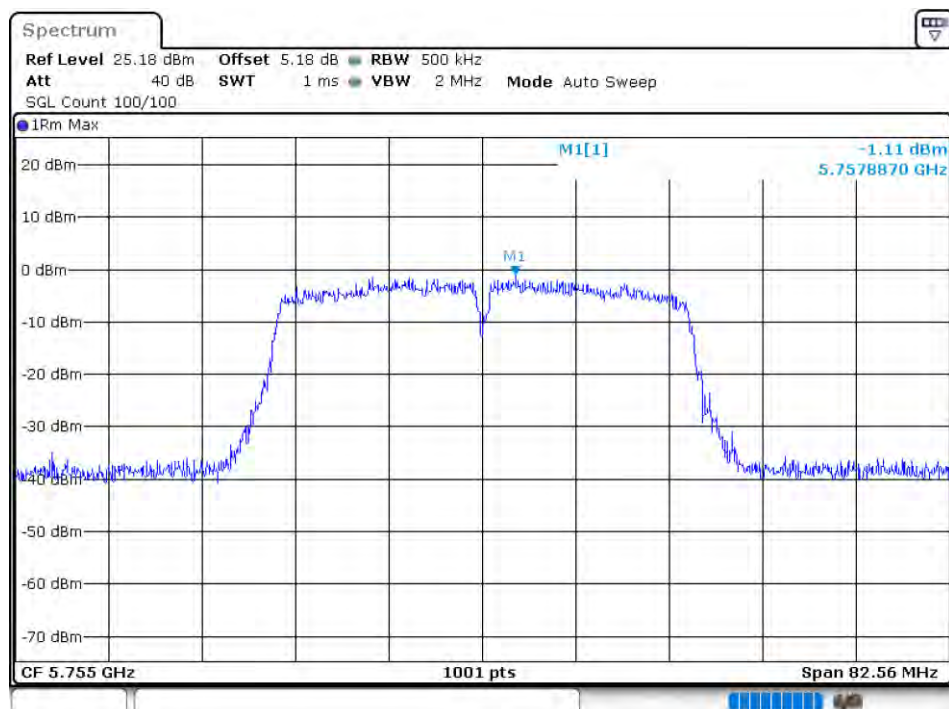
PSD NVNT 802.11ac20 5825MHz Ant2



PSD NVNT 802.11ac40 5755MHz Ant1



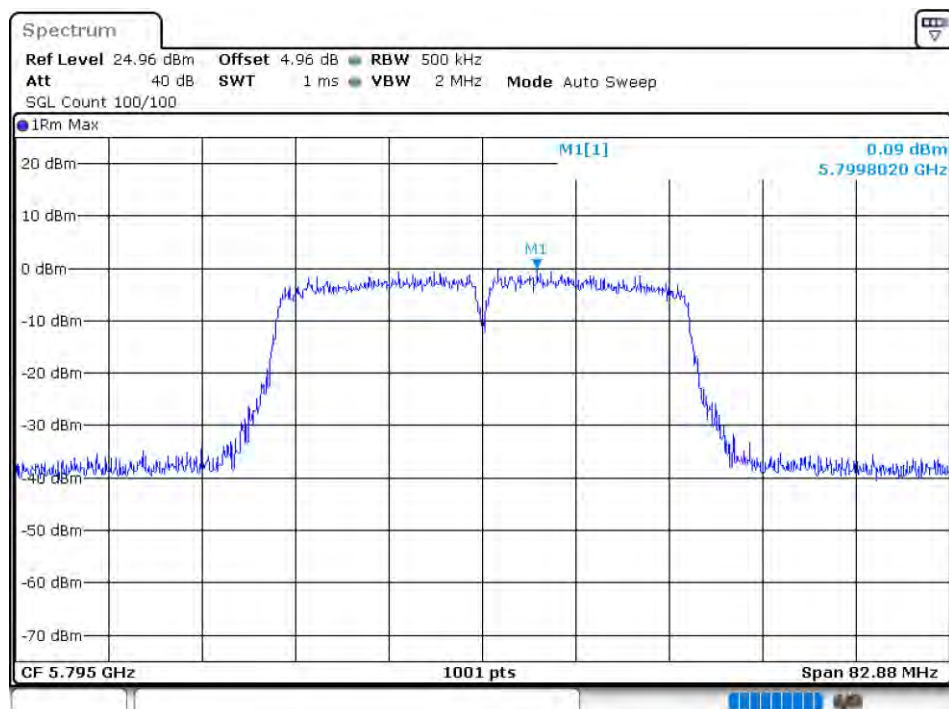
PSD NVNT 802.11ac40 5755MHz Ant2



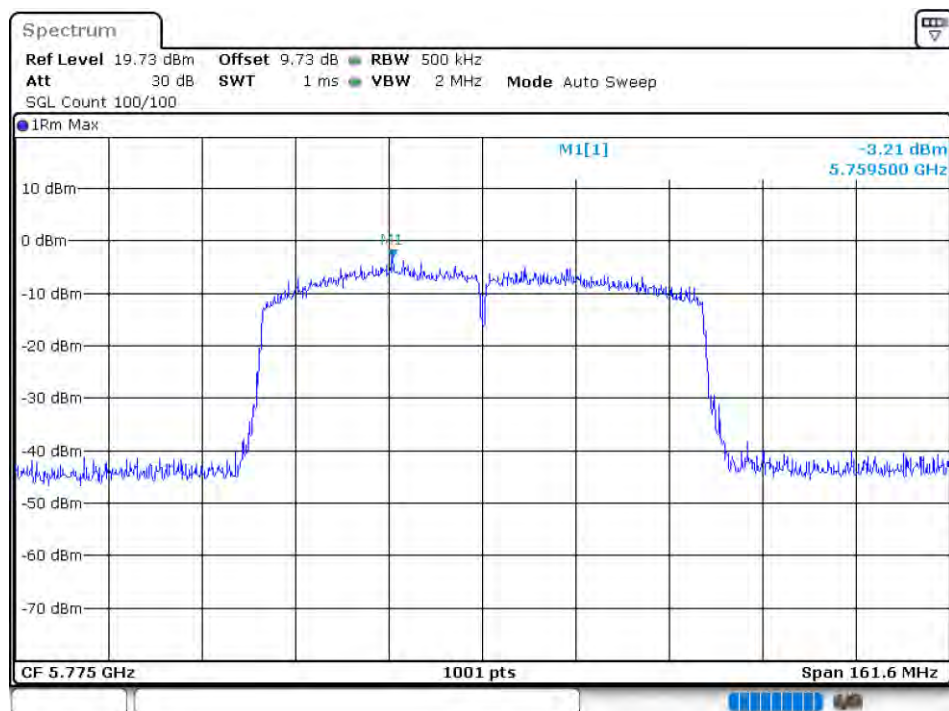
PSD NVNT 802.11ac40 5795MHz Ant1



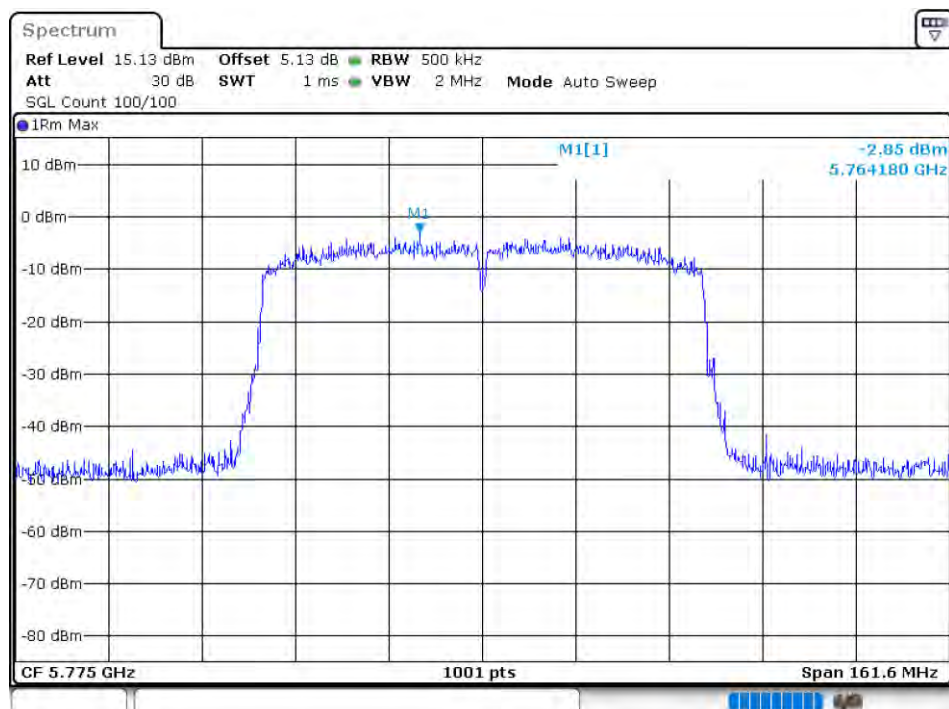
PSD NVNT 802.11ac40 5795MHz Ant2



PSD NVNT 802.11ac80 5775MHz Ant1

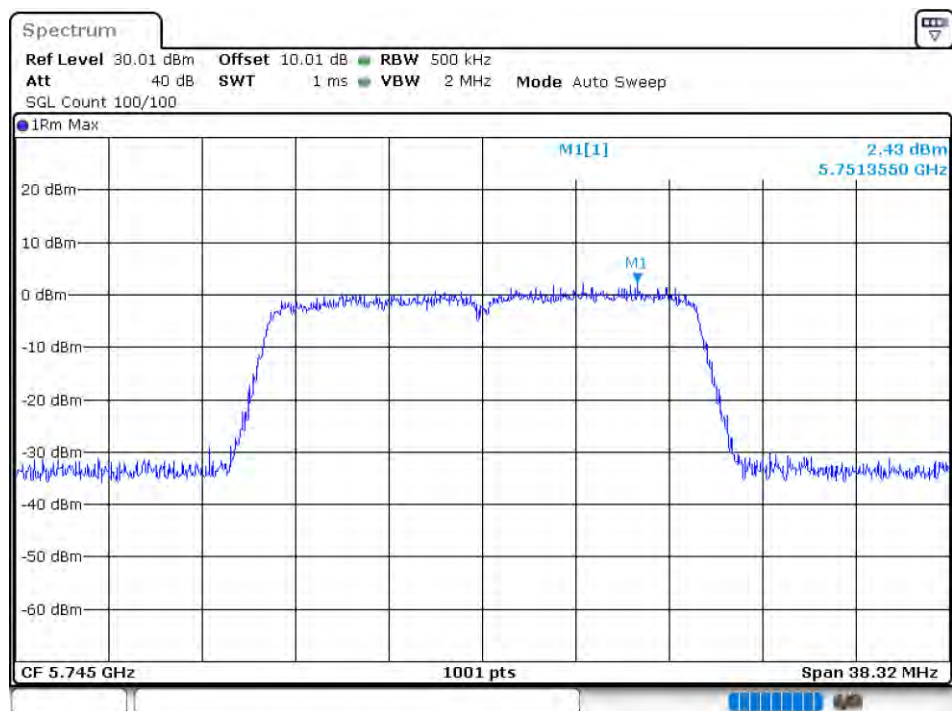


PSD NVNT 802.11ac80 5775MHz Ant2

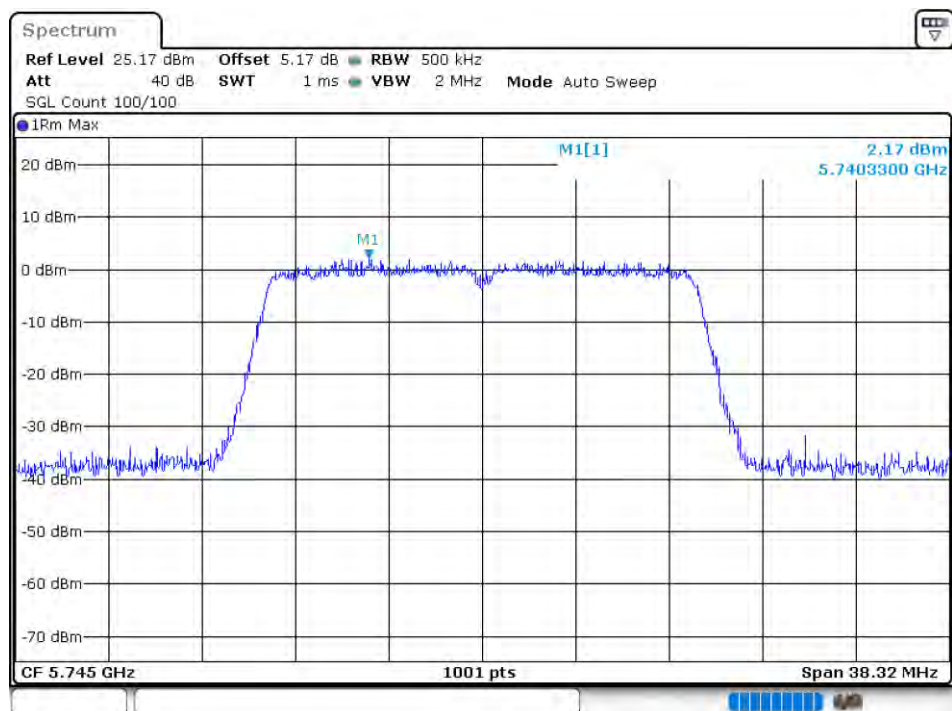




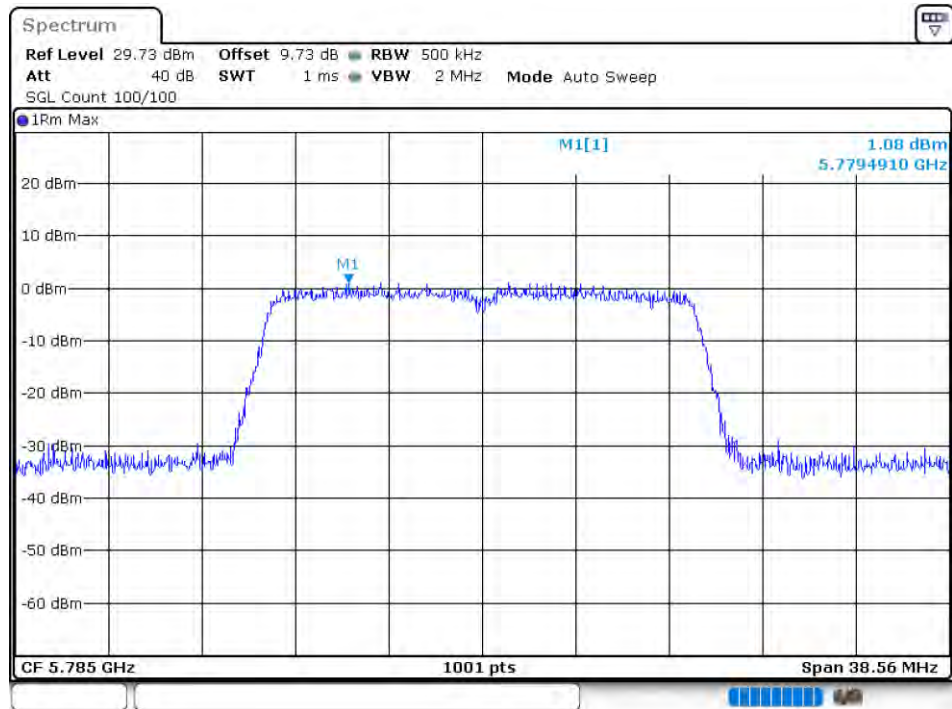
PSD NVNT 802.11n(HT20) 5745MHz Ant1



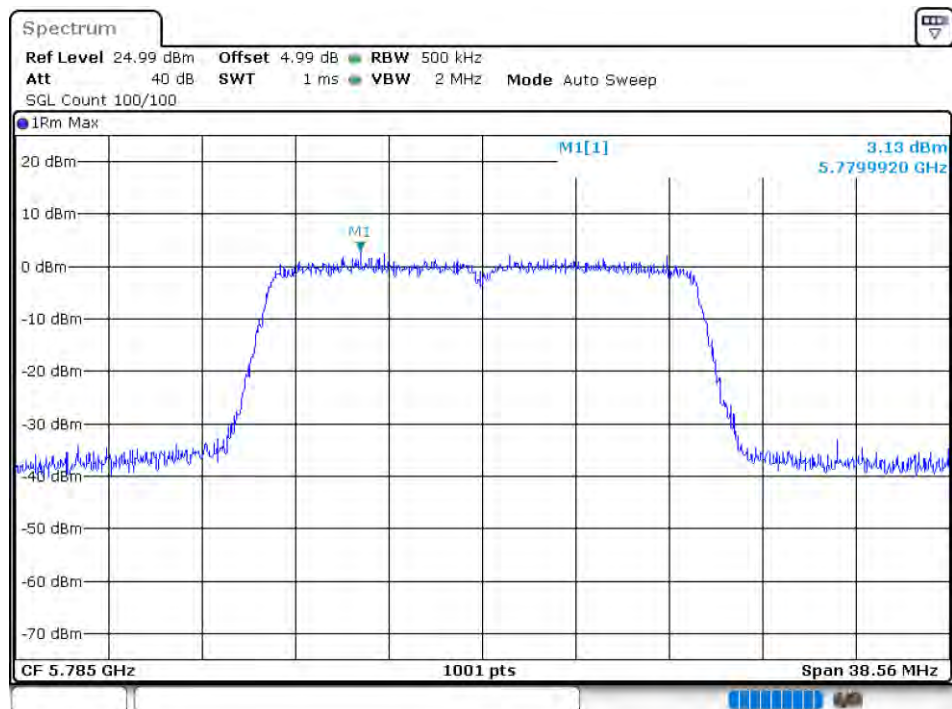
PSD NVNT 802.11n(HT20) 5745MHz Ant2



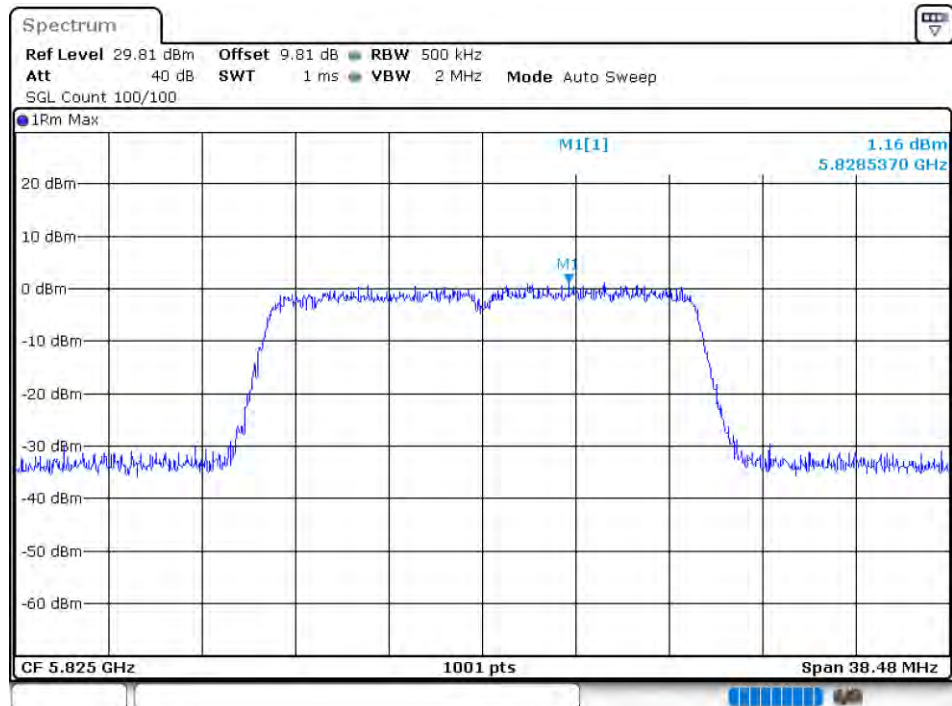
PSD NVNT 802.11n(HT20) 5785MHz Ant1



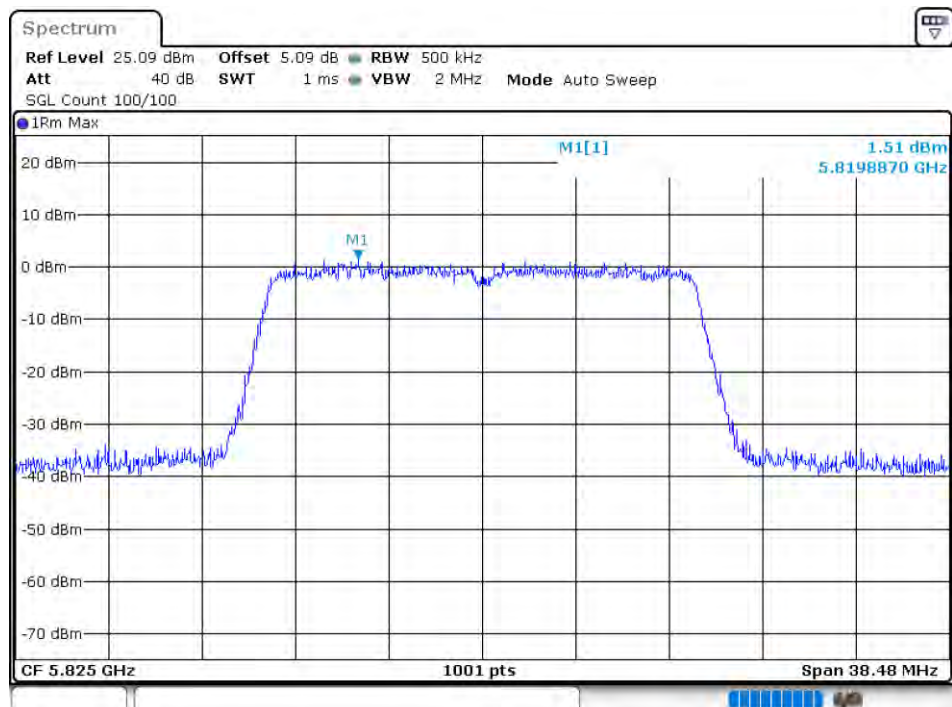
PSD NVNT 802.11n(HT20) 5785MHz Ant2



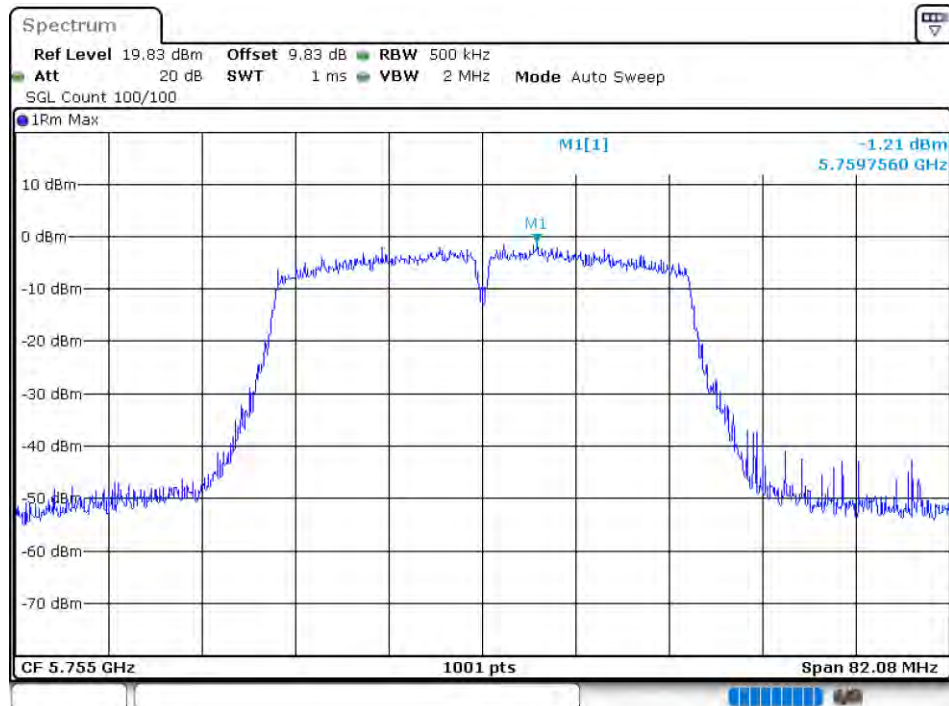
PSD NVNT 802.11n(HT20) 5825MHz Ant1



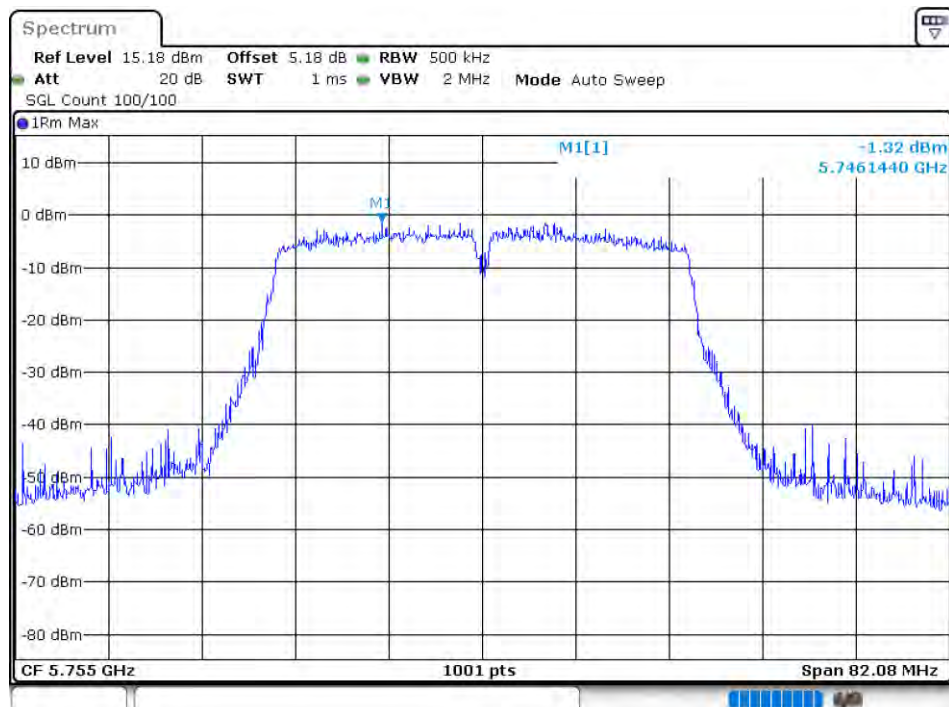
PSD NVNT 802.11n(HT20) 5825MHz Ant2



PSD NVNT 802.11n(HT40) 5755MHz Ant1

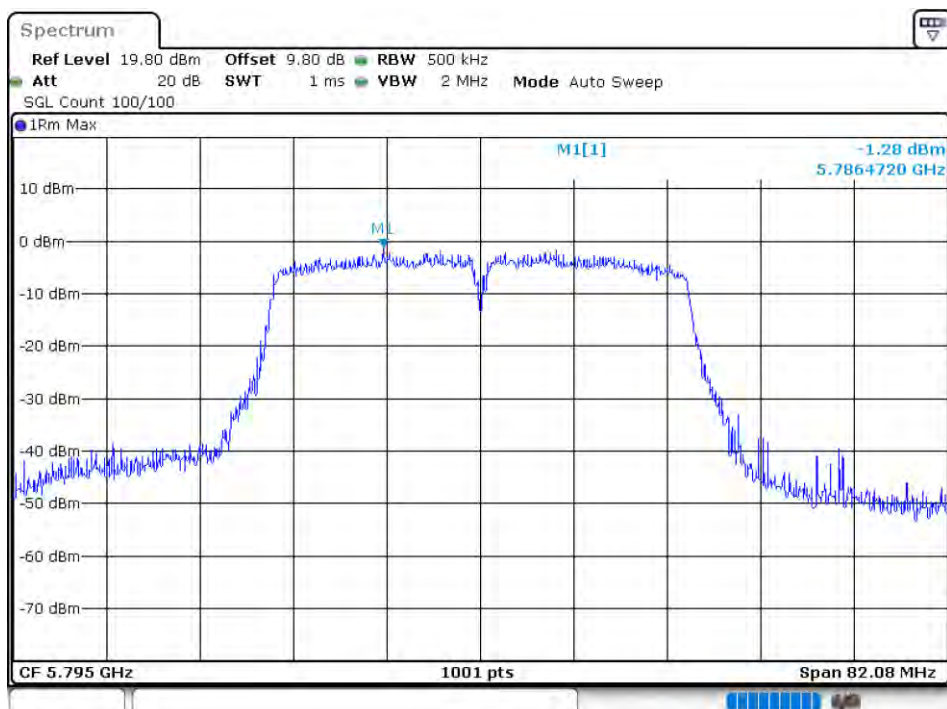


PSD NVNT 802.11n(HT40) 5755MHz Ant2

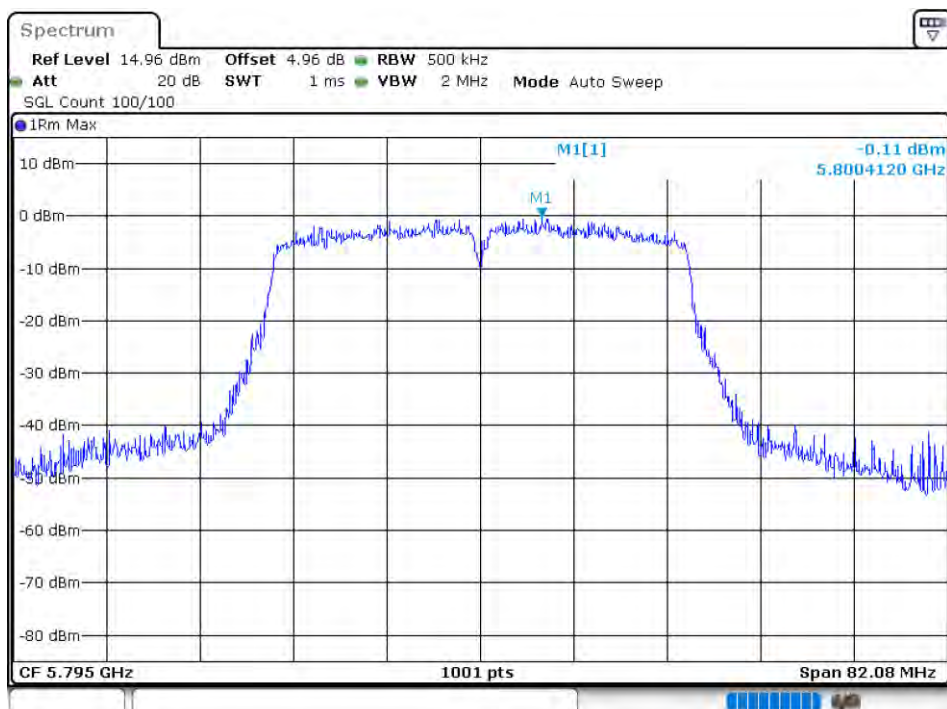




PSD NVNT 802.11n(HT40) 5795MHz Ant1



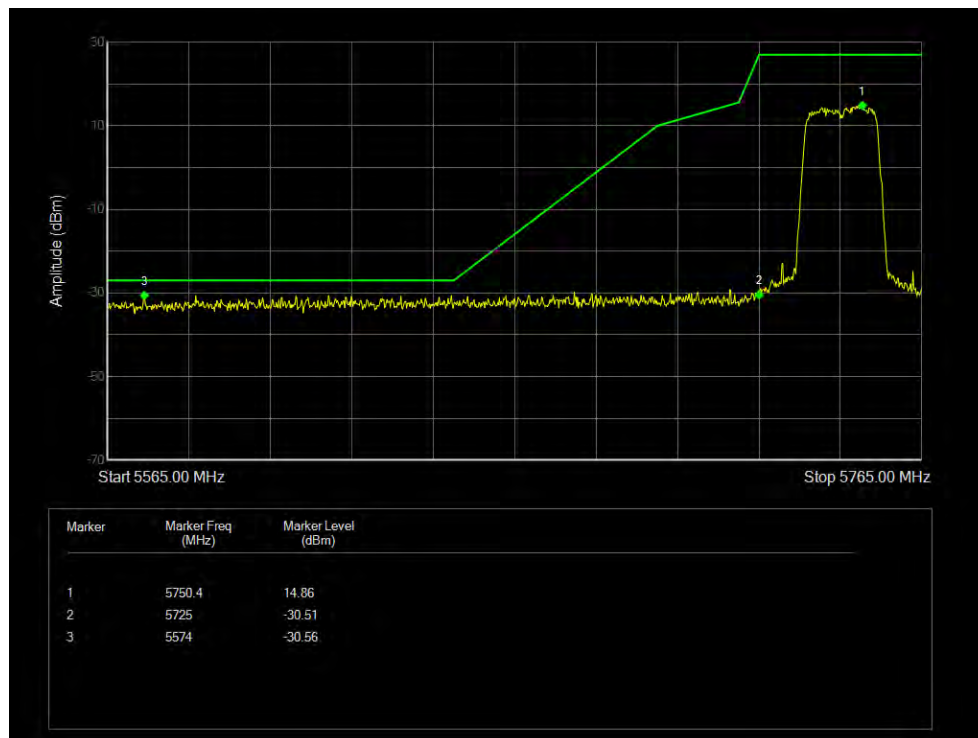
PSD NVNT 802.11n(HT40) 5795MHz Ant2



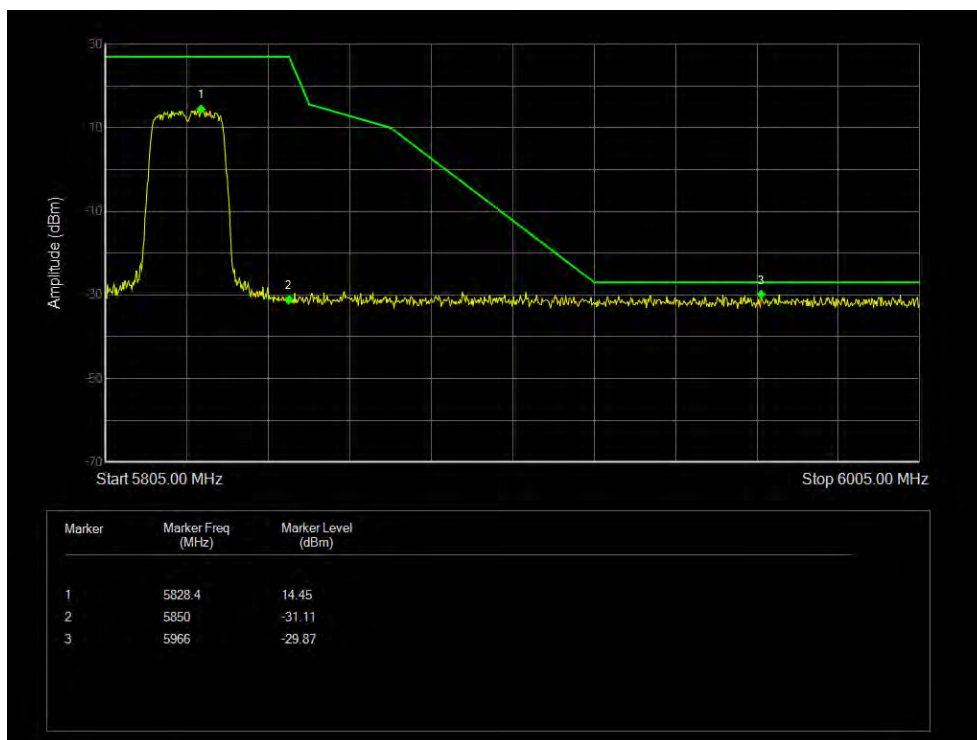
## Band Edge

| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBm) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|---------|
| NVNT      | 802.11ac20    | 5745            | Sum     | -30.56          | Pass    |
| NVNT      | 802.11ac20    | 5825            | Sum     | -29.87          | Pass    |
| NVNT      | 802.11ac40    | 5755            | Sum     | -30.47          | Pass    |
| NVNT      | 802.11ac40    | 5795            | Sum     | -28.94          | Pass    |
| NVNT      | 802.11ac80    | 5775            | Sum     | -30.7           | Pass    |
| NVNT      | 802.11ac80    | 5775            | Sum     | -31.84          | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Sum     | -30.22          | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Sum     | -29.29          | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Sum     | -30.51          | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Sum     | -29.48          | Pass    |

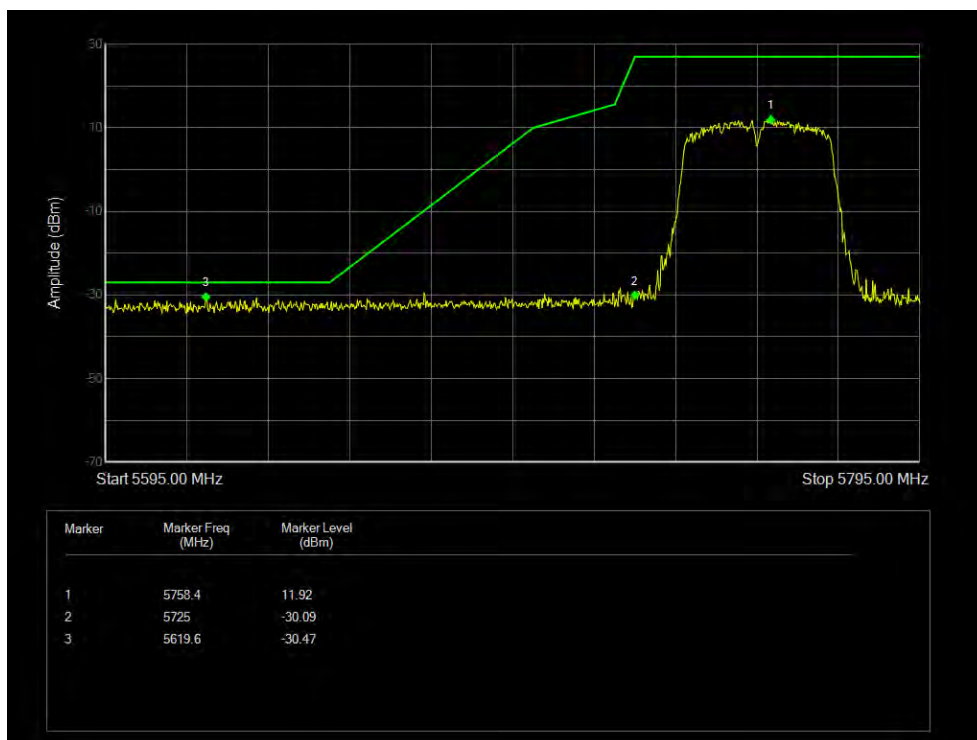
Band Edge NVNT 802.11ac20 5745MHz Low Sum



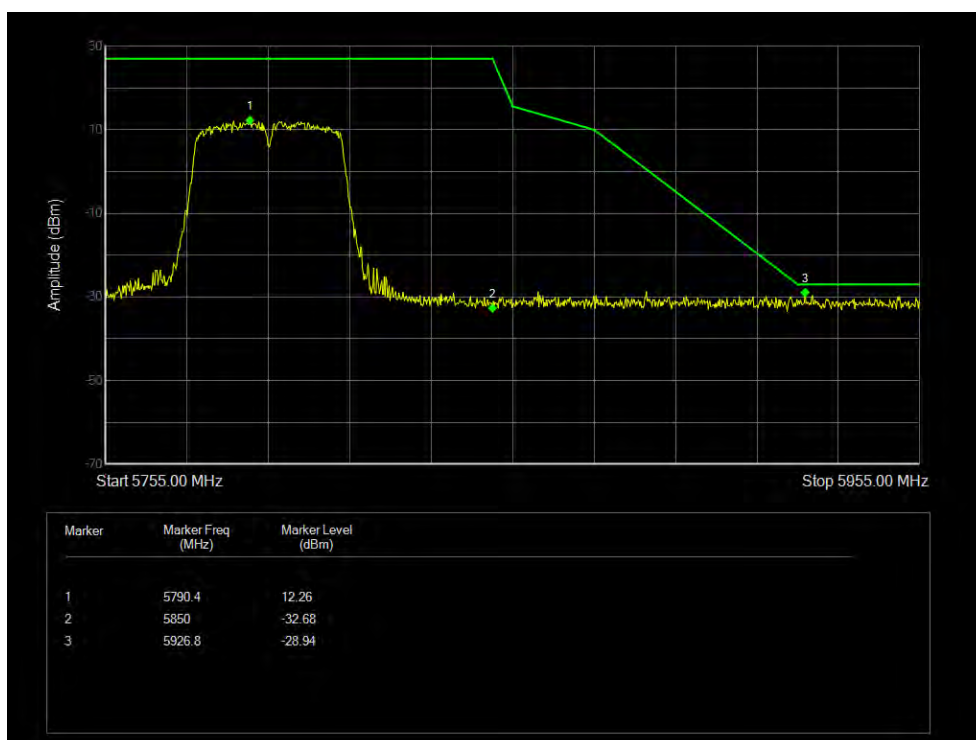
Band Edge NVNT 802.11ac20 5825MHz High Sum



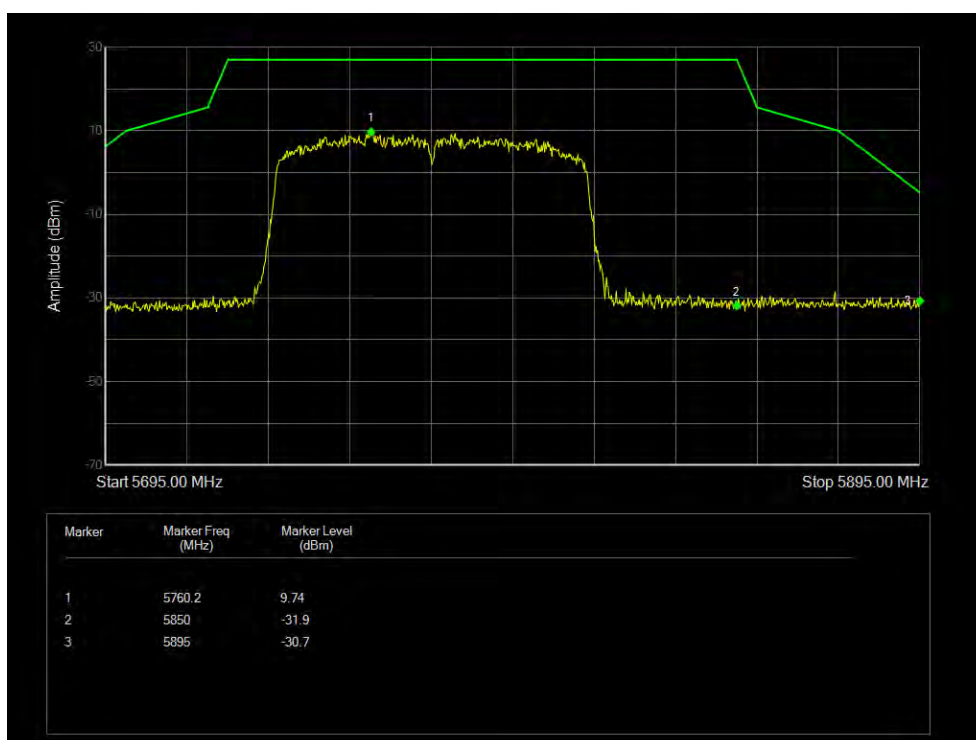
Band Edge NVNT 802.11ac40 5755MHz Low Sum



Band Edge NVNT 802.11ac40 5795MHz High Sum

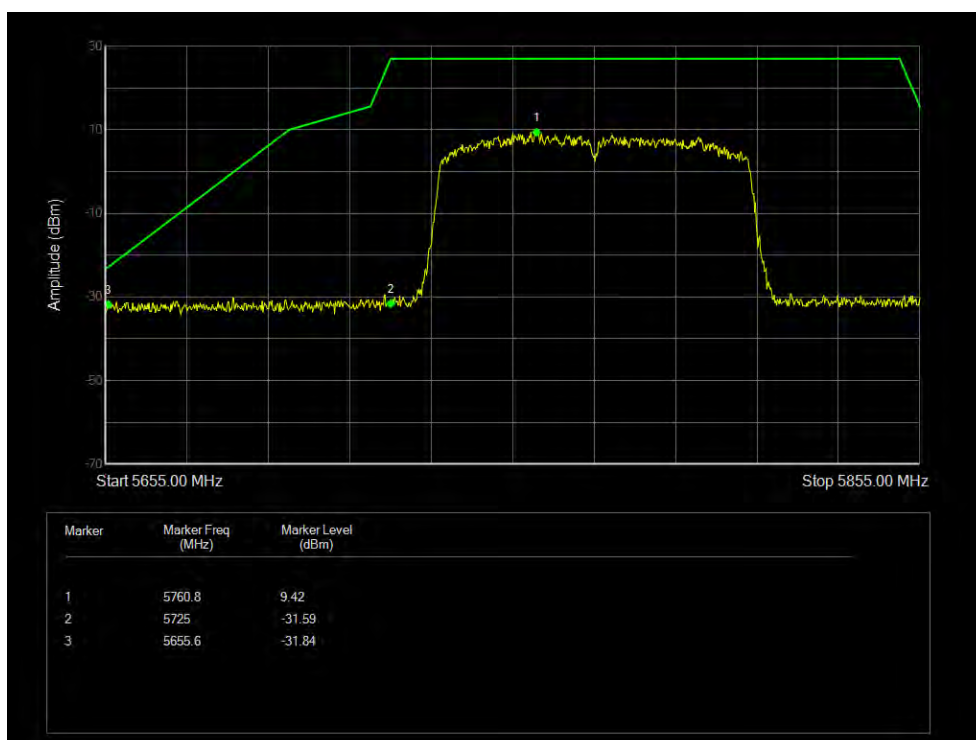


Band Edge NVNT 802.11ac80 5775MHz High Sum

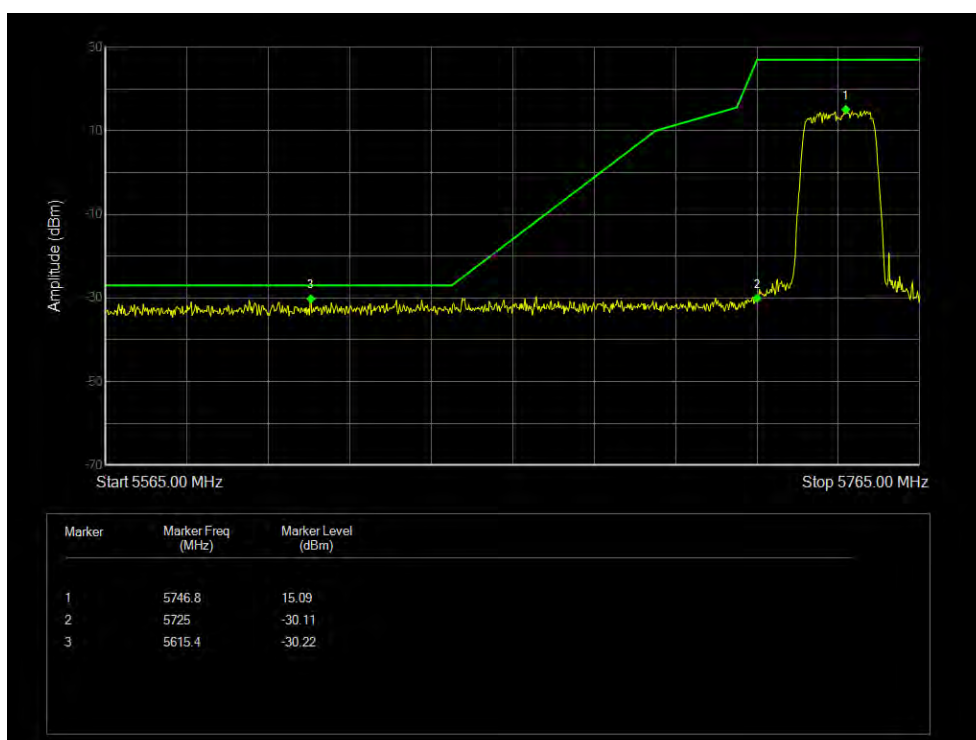




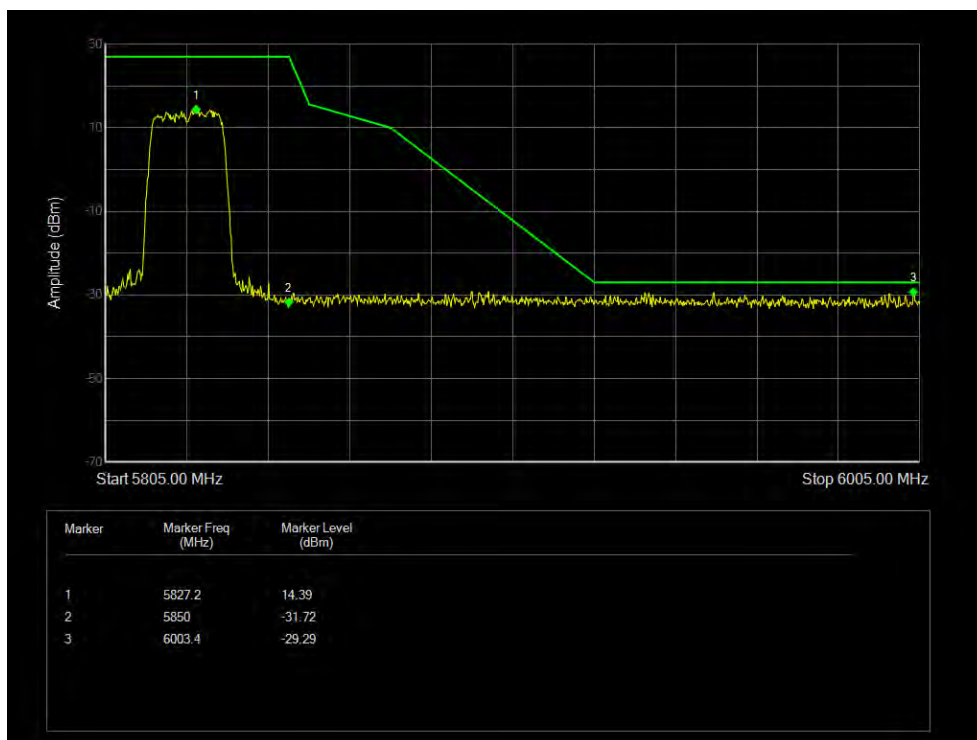
Band Edge NVNT 802.11ac80 5775MHz Low Sum



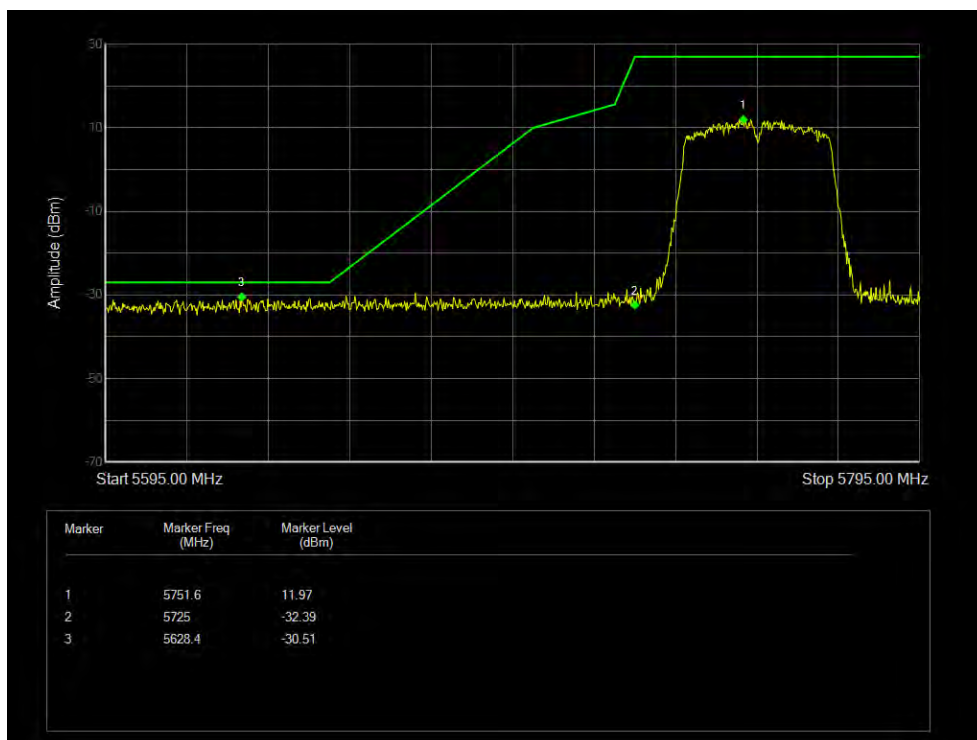
Band Edge NVNT 802.11n(HT20) 5745MHz Low Sum



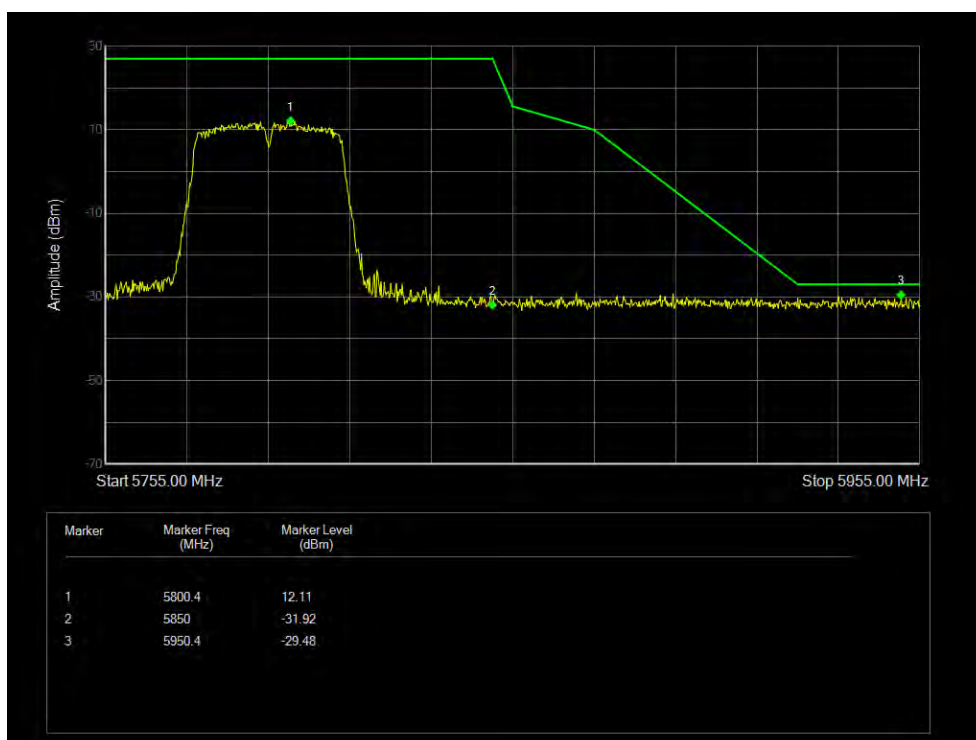
Band Edge NVNT 802.11n(HT20) 5825MHz High Sum



Band Edge NVNT 802.11n(HT40) 5755MHz Low Sum



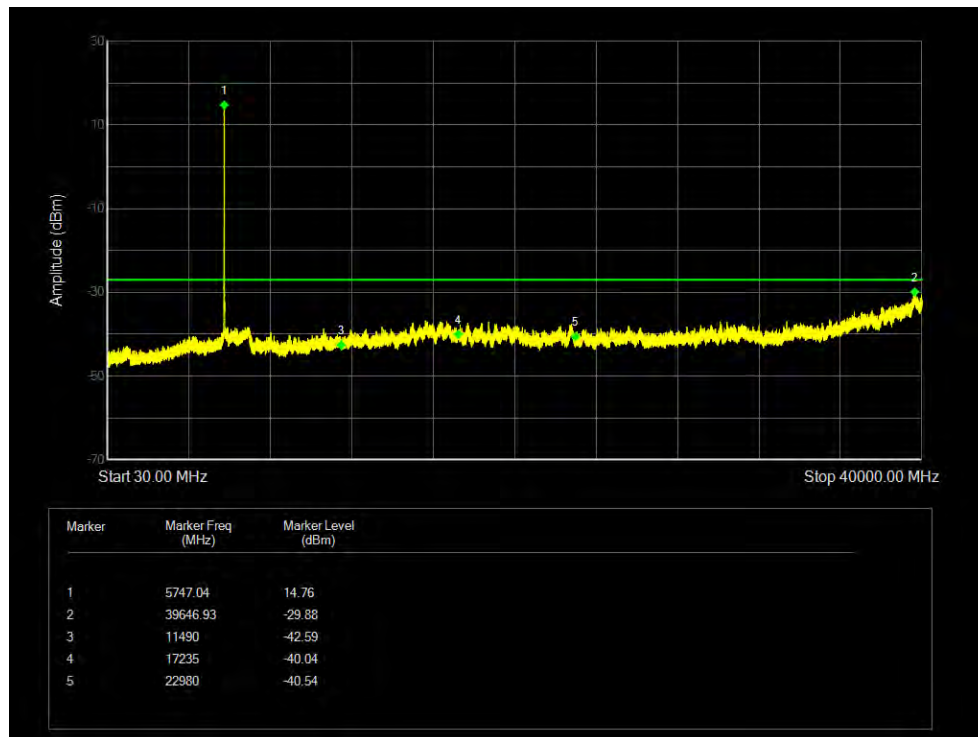
Band Edge NVNT 802.11n(HT40) 5795MHz High Sum



### Conducted RF Spurious Emission

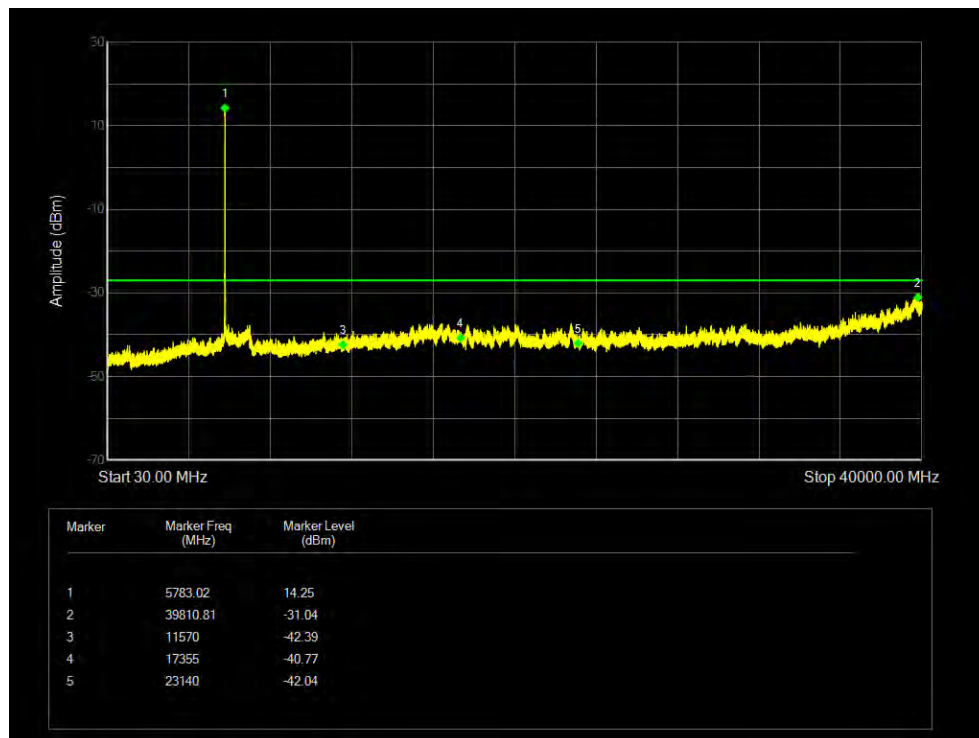
| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11ac20    | 5745            | Sum     | -29.88          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5785            | Sum     | -31.04          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Sum     | -30.41          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Sum     | -30.71          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Sum     | -29.89          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Sum     | -30.19          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Sum     | -30.8           | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Sum     | -30.76          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Sum     | -30.91          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Sum     | -30.62          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Sum     | -31.08          | -27         | Pass    |

Tx. Spurious NVNT 802.11ac20 5745MHz Sum Emission

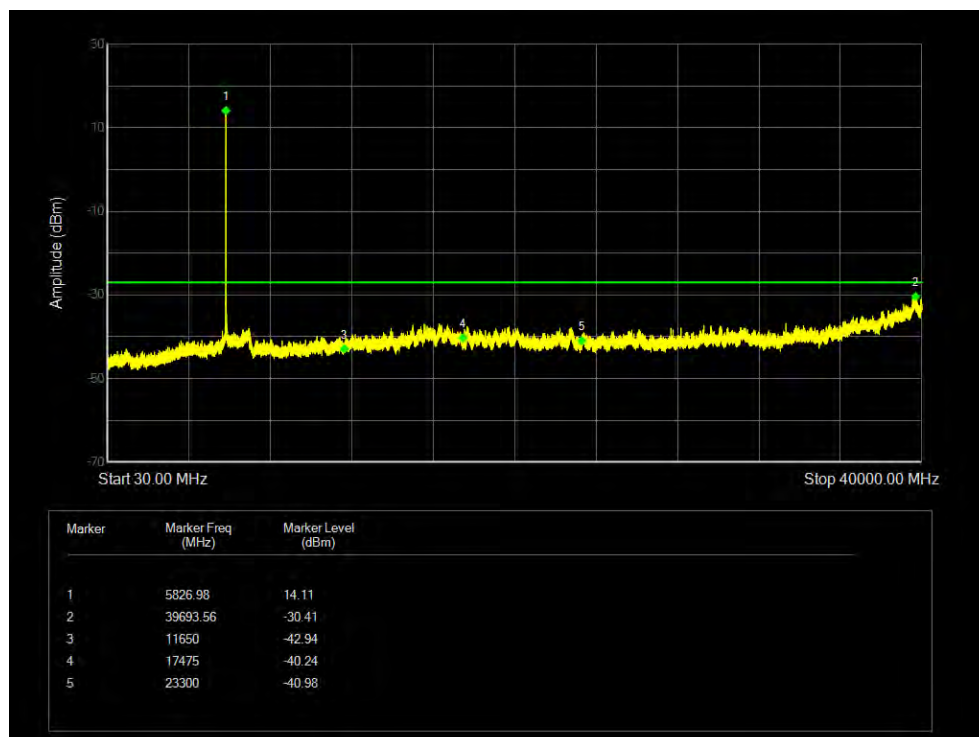




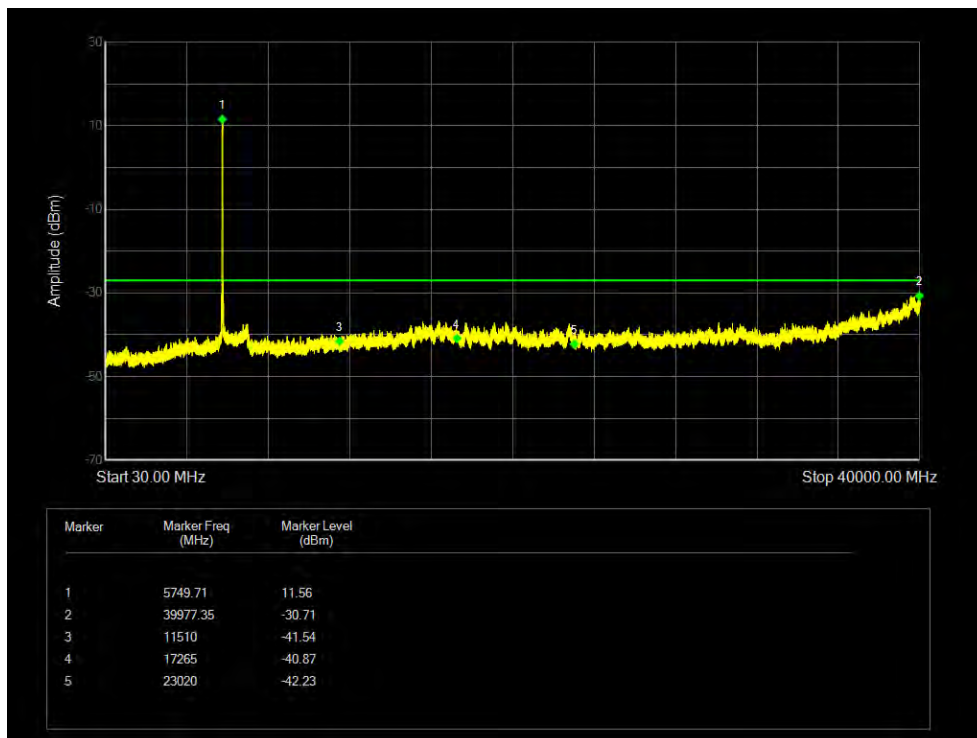
Tx. Spurious NVNT 802.11ac20 5785MHz Sum Emission



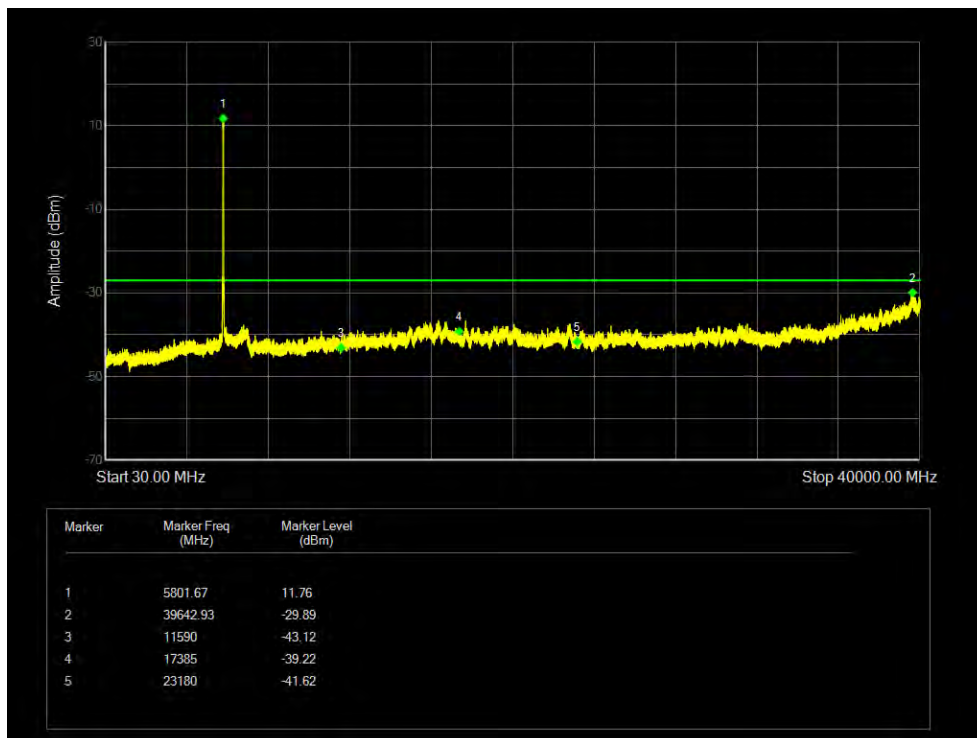
Tx. Spurious NVNT 802.11ac20 5825MHz Sum Emission



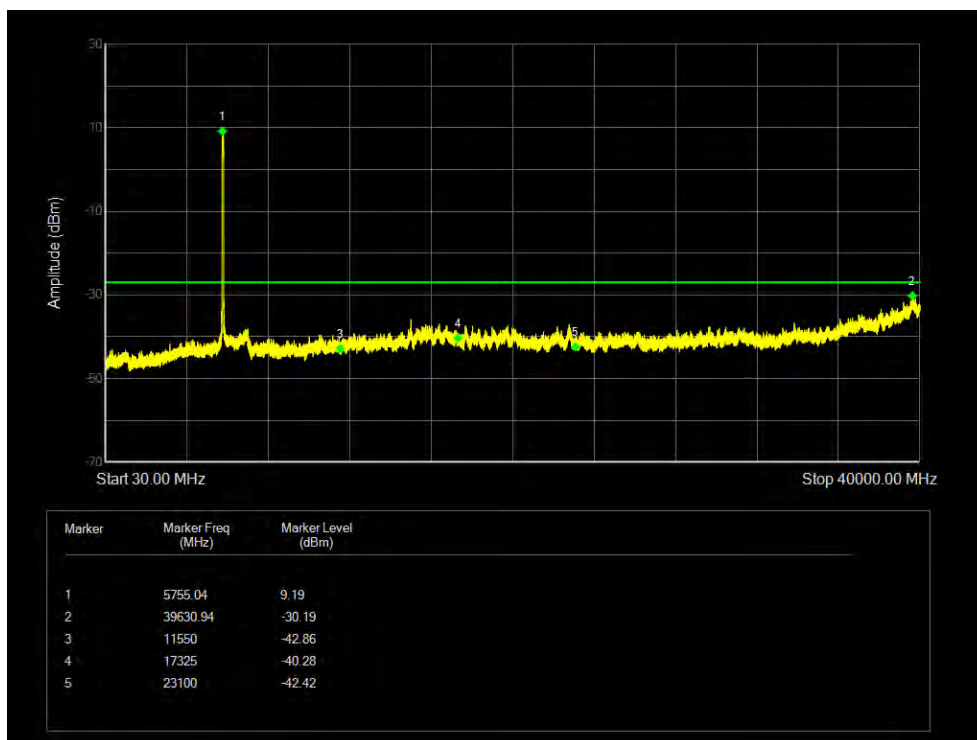
Tx. Spurious NVNT 802.11ac40 5755MHz Sum Emission



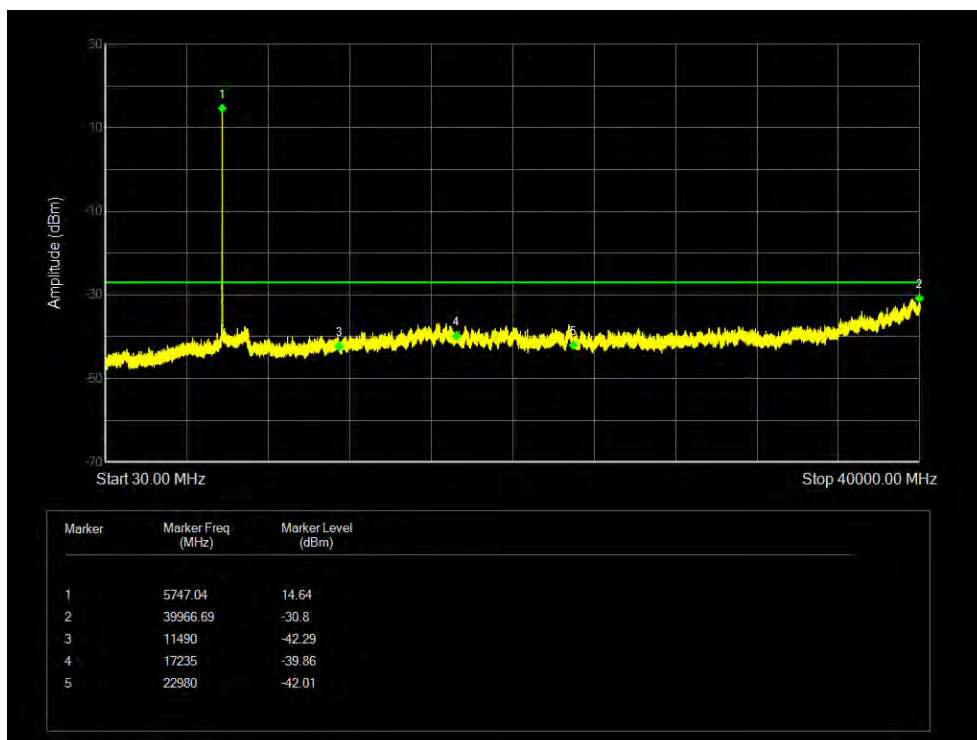
Tx. Spurious NVNT 802.11ac40 5795MHz Sum Emission



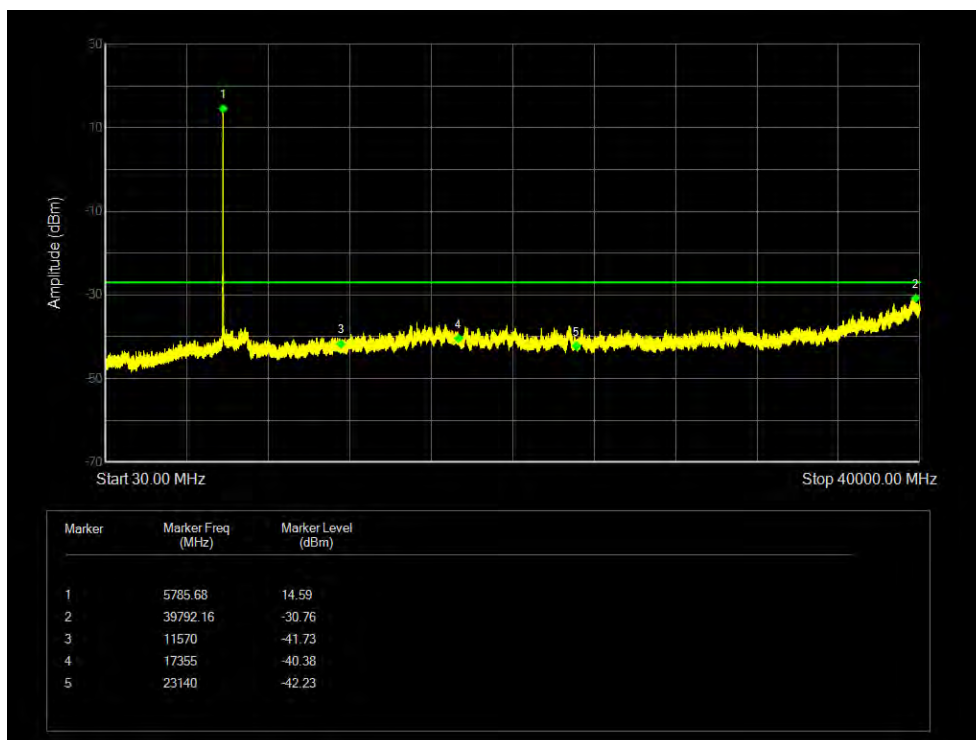
Tx. Spurious NVNT 802.11ac80 5775MHz Sum Emission



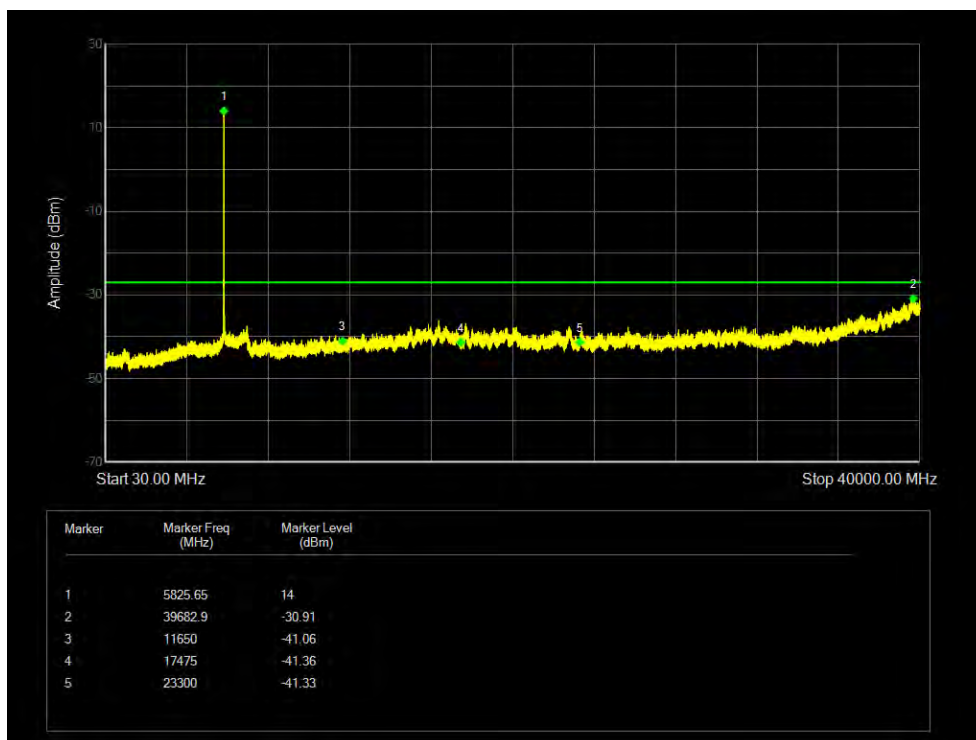
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Sum Emission



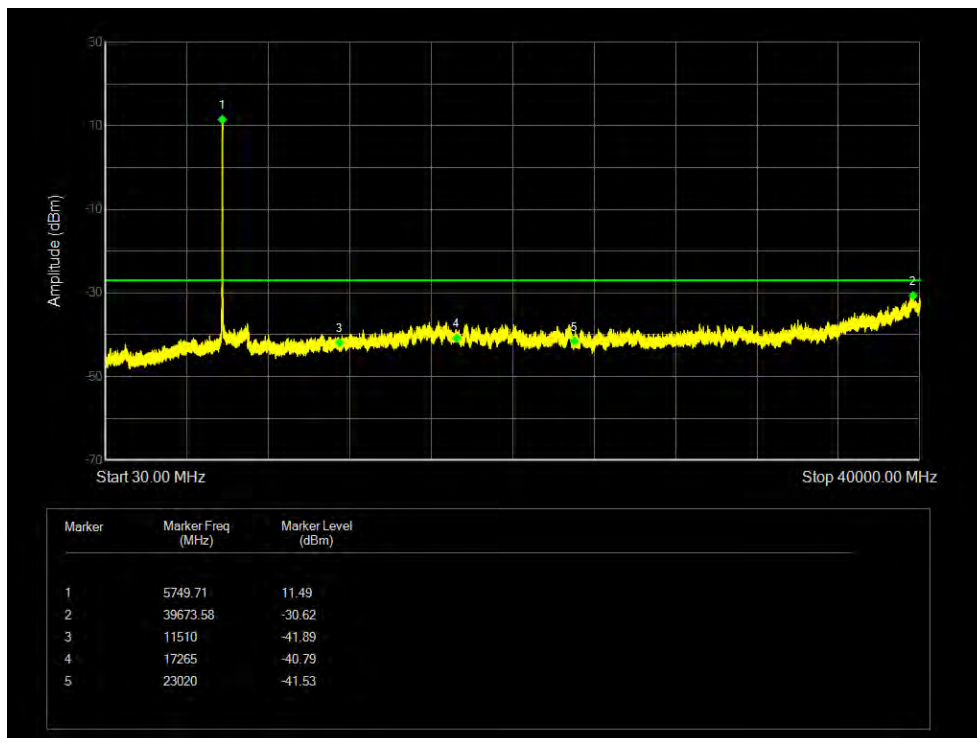
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT20) 5825MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Sum Emission

