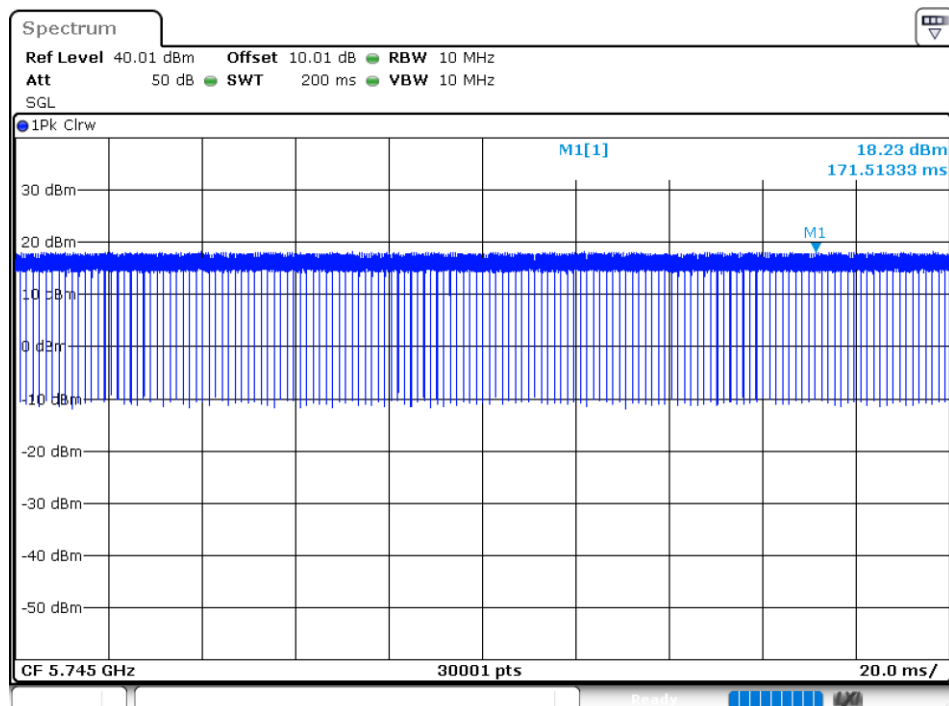


# 5.8G

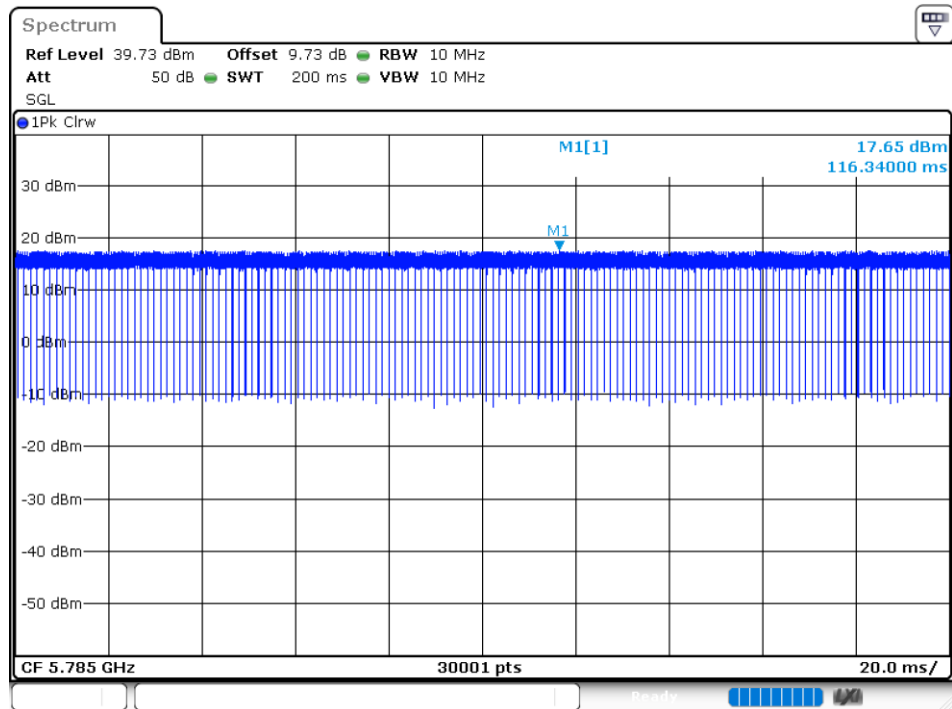
## Duty Cycle

| Condition | Mode          | Frequency (MHz) | Duty Cycle (%) | Correction Factor (dB) |
|-----------|---------------|-----------------|----------------|------------------------|
| NVNT      | 802.11a       | 5745            | 97.9           | 0.09                   |
| NVNT      | 802.11a       | 5785            | 97.88          | 0.09                   |
| NVNT      | 802.11a       | 5825            | 97.9           | 0.09                   |
| NVNT      | 802.11ac20    | 5745            | 97.76          | 0.1                    |
| NVNT      | 802.11ac20    | 5785            | 97.76          | 0.1                    |
| NVNT      | 802.11ac20    | 5825            | 97.75          | 0.1                    |
| NVNT      | 802.11ac40    | 5755            | 95.71          | 0.19                   |
| NVNT      | 802.11ac40    | 5795            | 95.7           | 0.19                   |
| NVNT      | 802.11ac80    | 5775            | 91.76          | 0.37                   |
| NVNT      | 802.11n(HT20) | 5745            | 97.72          | 0.1                    |
| NVNT      | 802.11n(HT20) | 5785            | 97.76          | 0.1                    |
| NVNT      | 802.11n(HT20) | 5825            | 97.74          | 0.1                    |
| NVNT      | 802.11n(HT40) | 5755            | 95.65          | 0.19                   |
| NVNT      | 802.11n(HT40) | 5795            | 95.64          | 0.19                   |

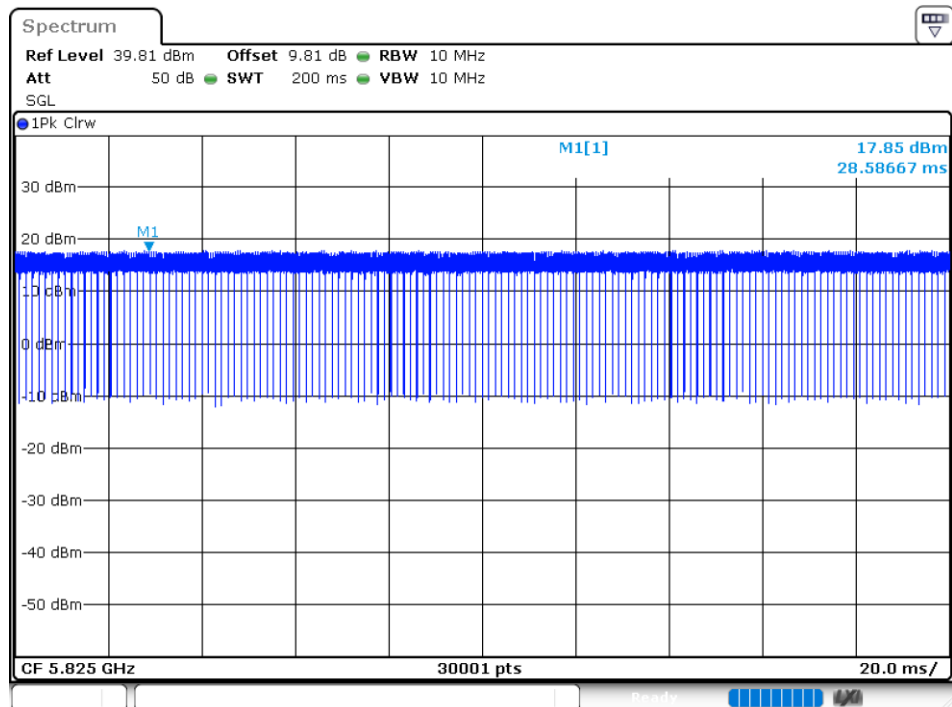
Duty Cycle NVNT 802.11a 5745MHz



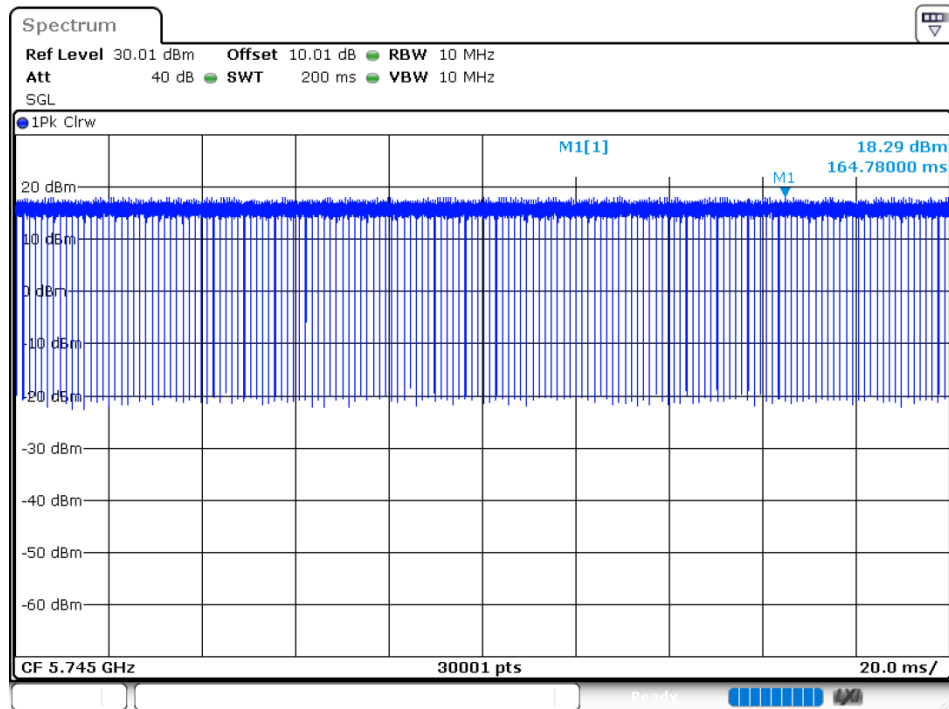
Duty Cycle NVNT 802.11a 5785MHz



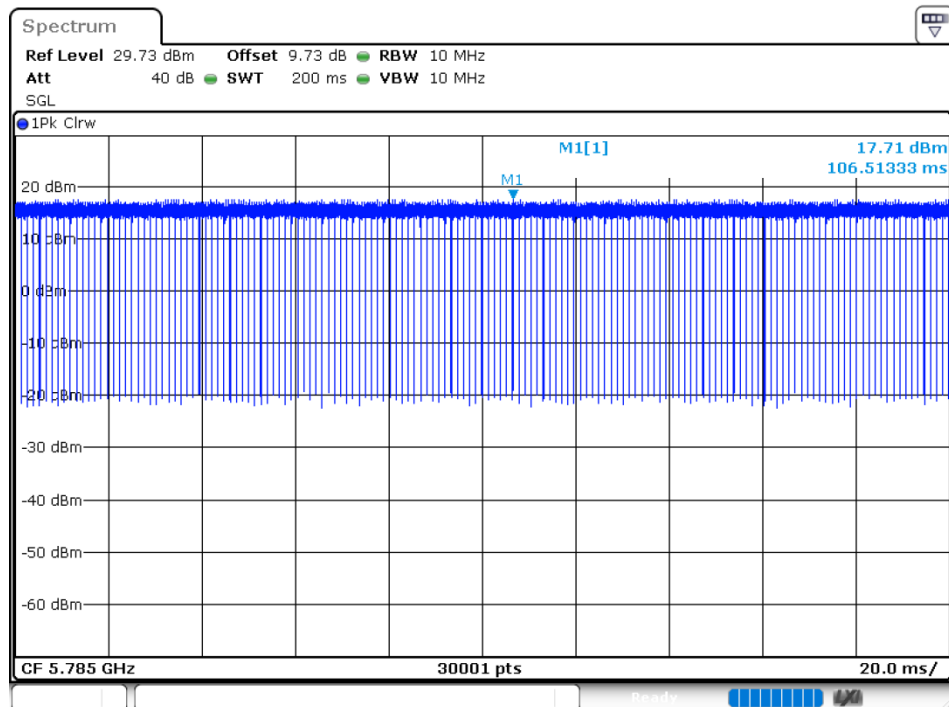
Duty Cycle NVNT 802.11a 5825MHz



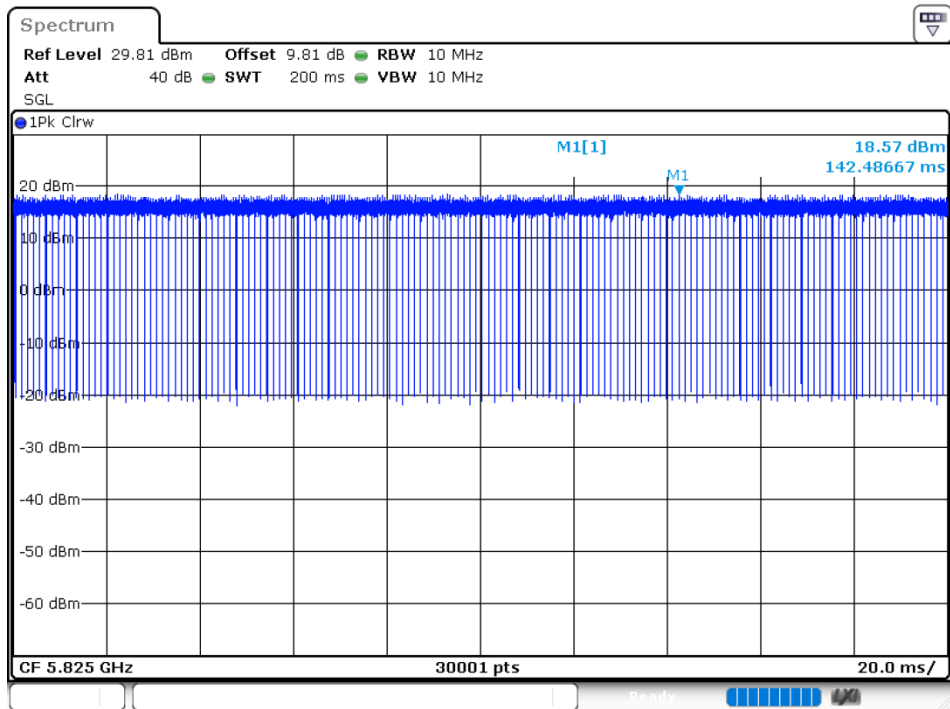
Duty Cycle NVNT 802.11ac20 5745MHz



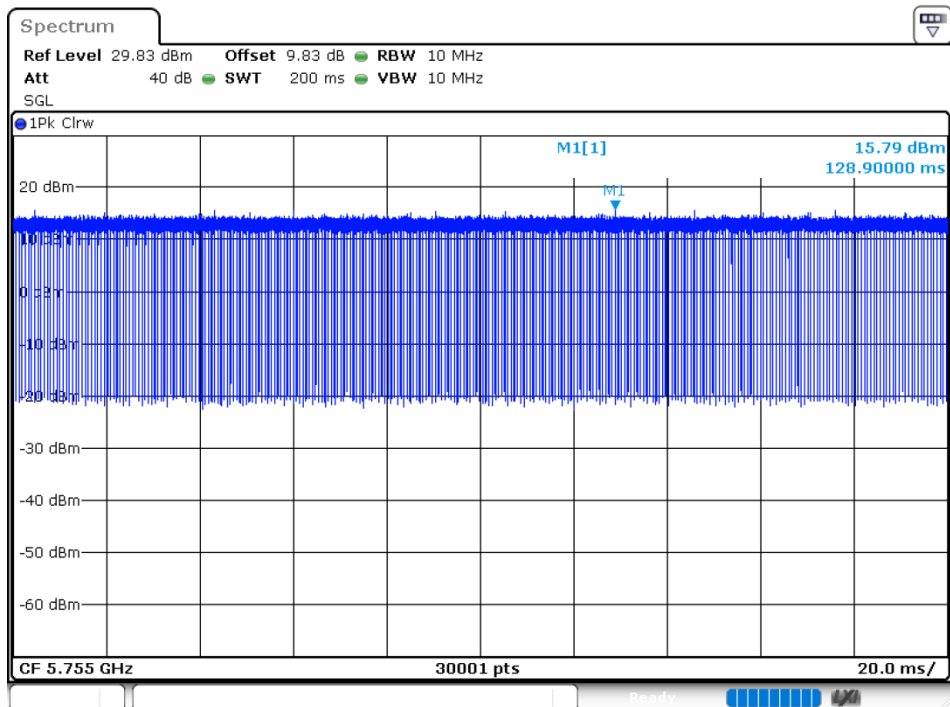
Duty Cycle NVNT 802.11ac20 5785MHz



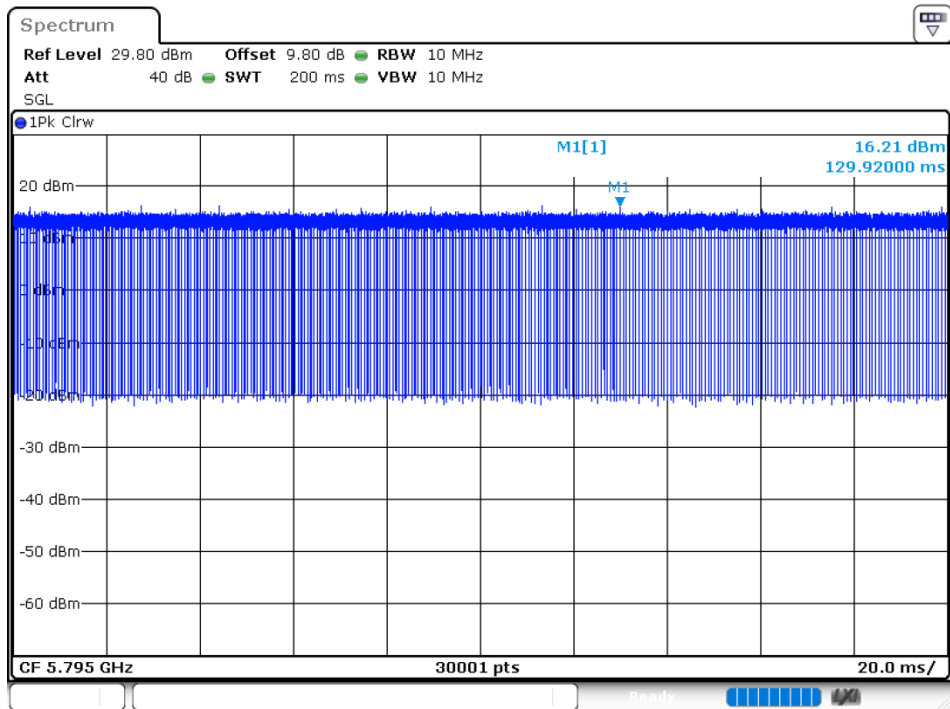
Duty Cycle NVNT 802.11ac20 5825MHz



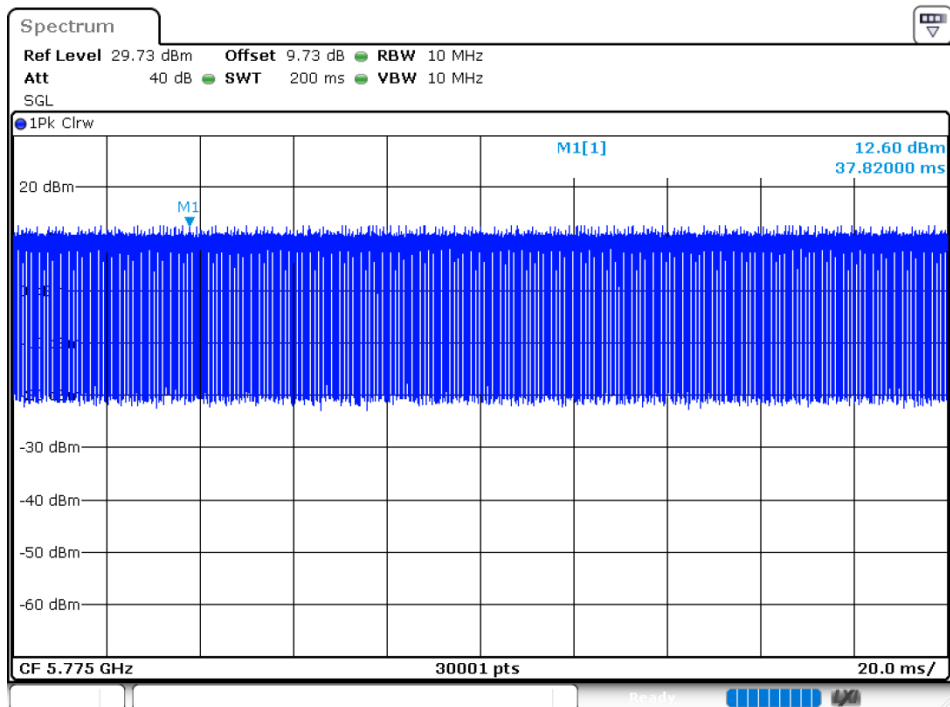
Duty Cycle NVNT 802.11ac40 5755MHz



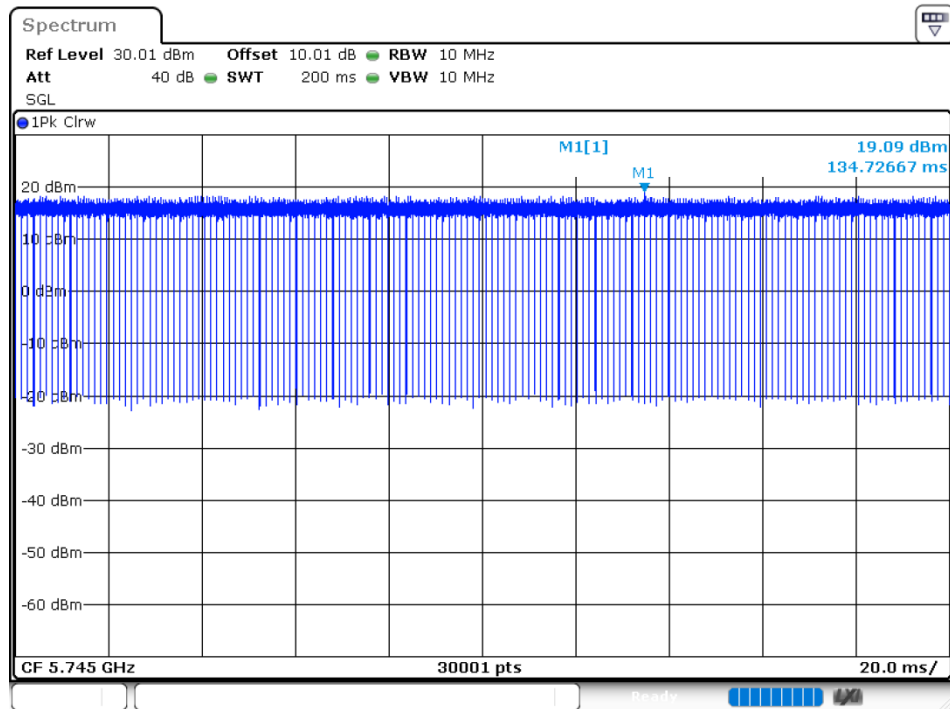
Duty Cycle NVNT 802.11ac40 5795MHz



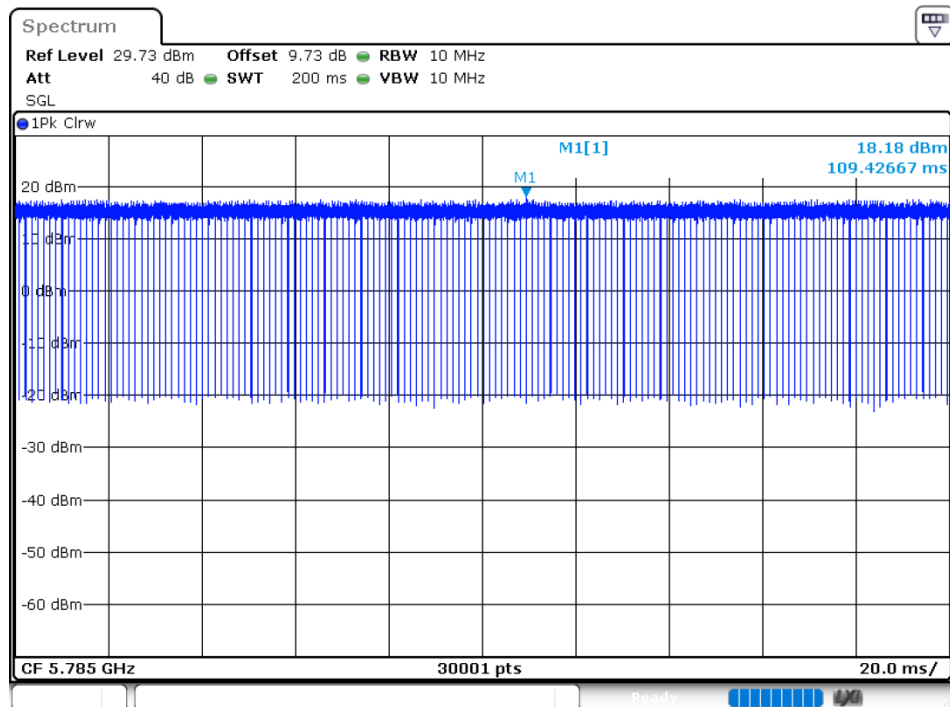
Duty Cycle NVNT 802.11ac80 5775MHz



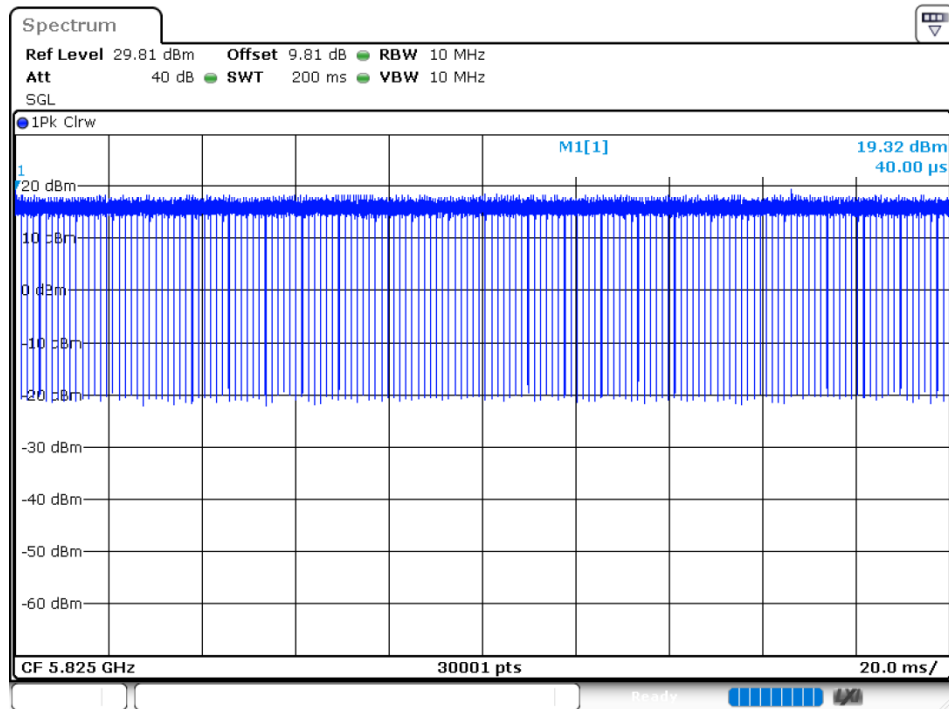
Duty Cycle NVNT 802.11n(HT20) 5745MHz



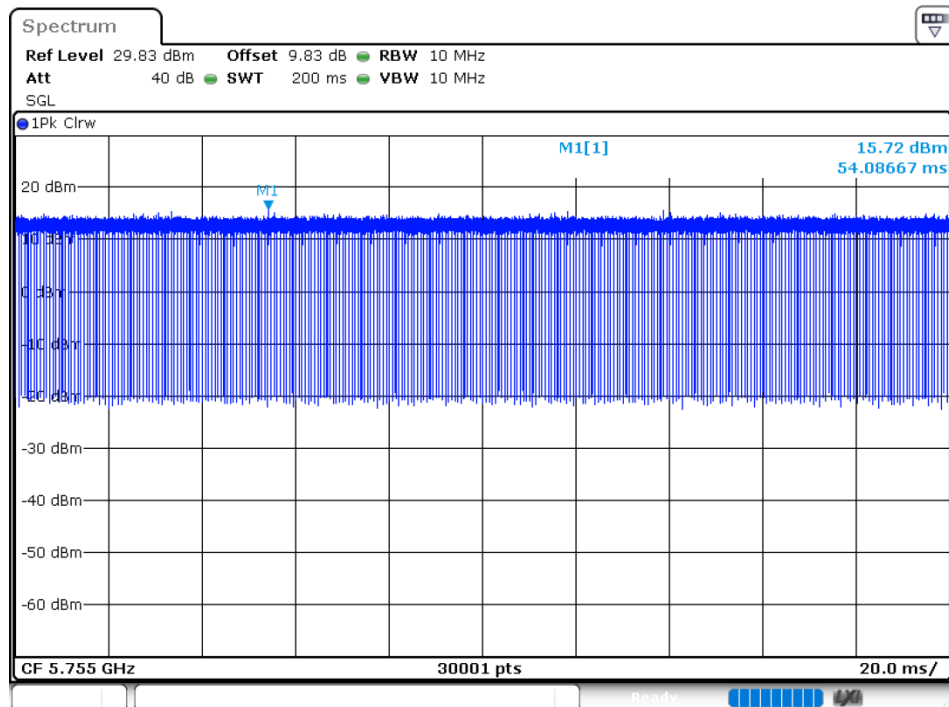
Duty Cycle NVNT 802.11n(HT20) 5785MHz



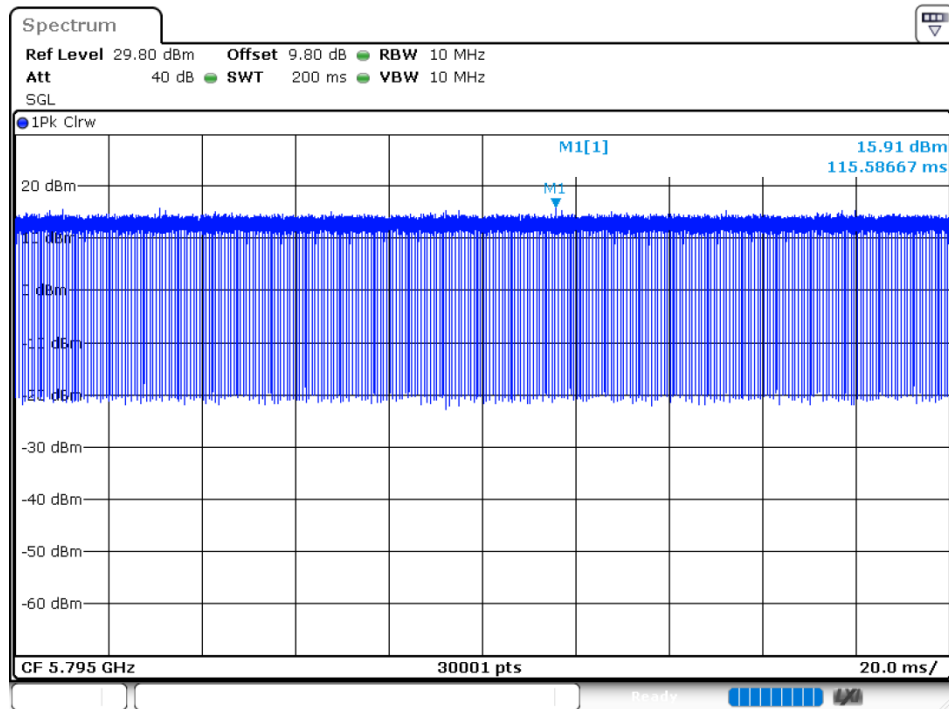
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz



Maximum Conducted Output Power

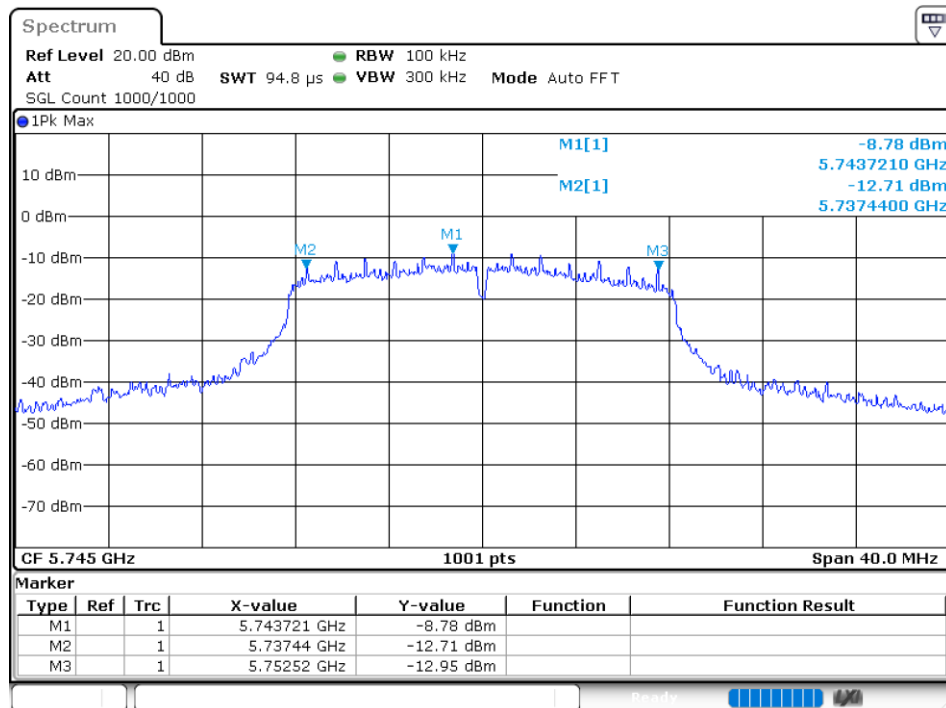
| Condition | Mode          | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | 802.11a       | 5745            | Ant 1   | 9.94                  | 0.09             | 10.03             | 30          | Pass    |
| NVNT      | 802.11a       | 5785            | Ant 1   | 9.74                  | 0.09             | 9.83              | 30          | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 1   | 9.03                  | 0.09             | 9.12              | 30          | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 1   | 9.99                  | 0.1              | 10.09             | 30          | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | 9.8                   | 0.1              | 9.9               | 30          | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | 10.14                 | 0.1              | 10.24             | 30          | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | 9.41                  | 0.19             | 9.6               | 30          | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | 9.53                  | 0.19             | 9.72              | 30          | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | 9.05                  | 0.37             | 9.42              | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | 10.14                 | 0.1              | 10.24             | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | 9.81                  | 0.1              | 9.91              | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | 10.16                 | 0.1              | 10.26             | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | 9.29                  | 0.19             | 9.48              | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | 8.87                  | 0.19             | 9.06              | 30          | Pass    |



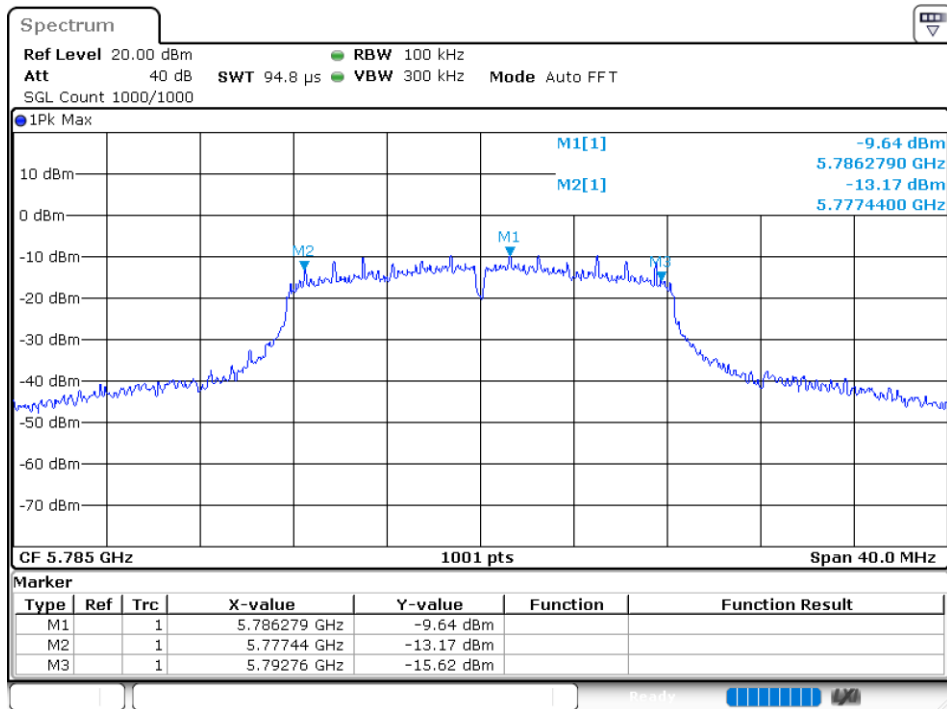
# -6dB Emission Bandwidth

| Condition | Mode          | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|---------------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | 802.11a       | 5745            | Ant 1   | 15.08                 | 0.5                         | Pass    |
| NVNT      | 802.11a       | 5785            | Ant 1   | 15.32                 | 0.5                         | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 1   | 15.12                 | 0.5                         | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 1   | 15.08                 | 0.5                         | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | 15.12                 | 0.5                         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | 15.08                 | 0.5                         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | 32.56                 | 0.5                         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | 33.92                 | 0.5                         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | 76.48                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | 15.96                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | 13.88                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | 15.08                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | 31.28                 | 0.5                         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | 33.92                 | 0.5                         | Pass    |

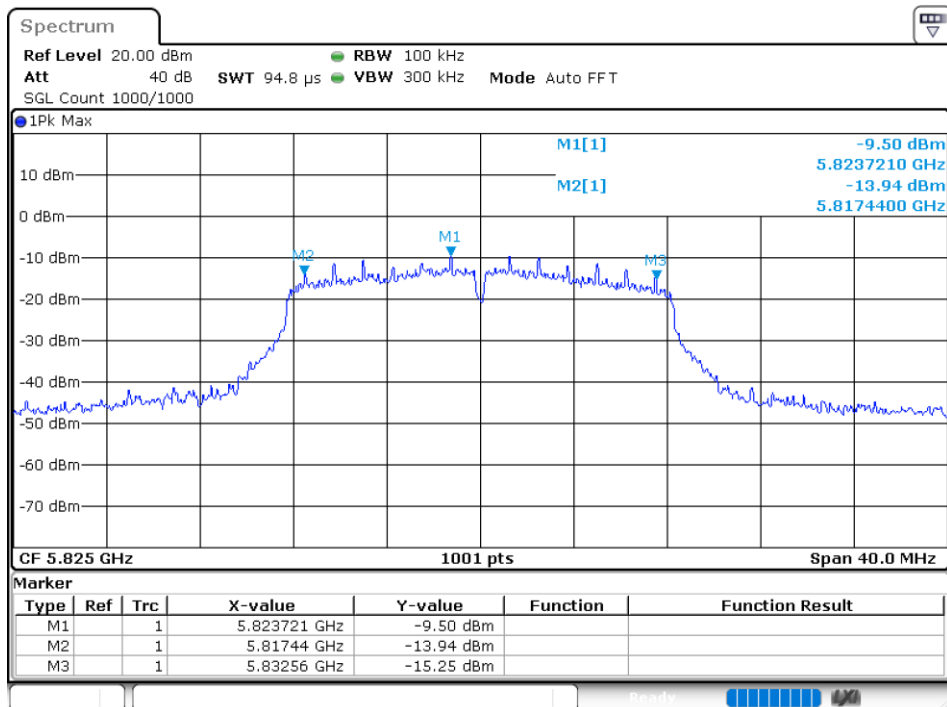
EBW NVNT 802.11a 5745MHz Ant1



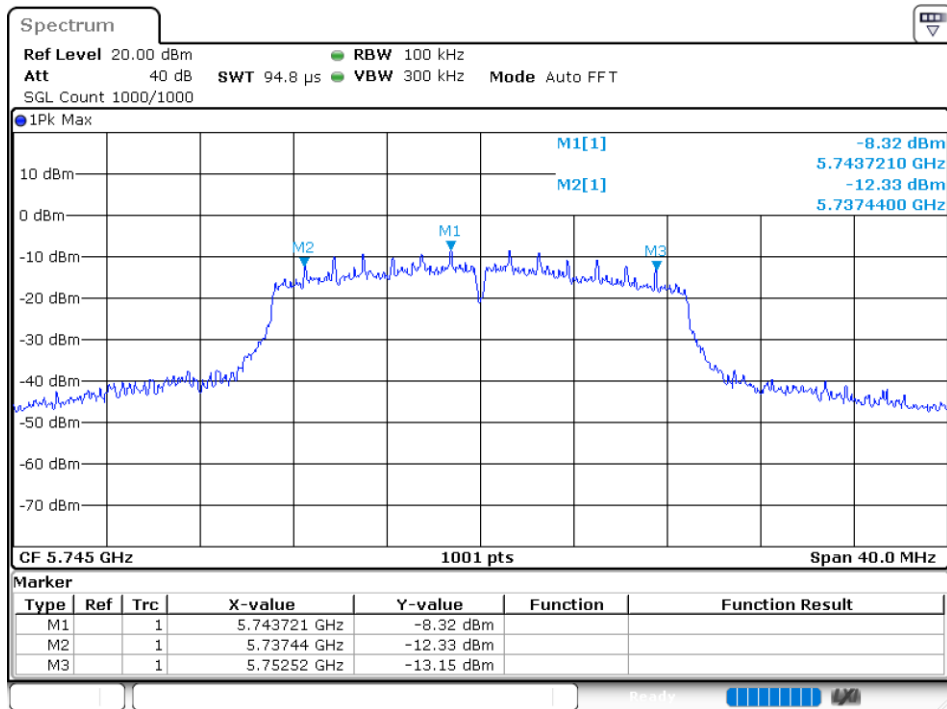
EBW NVNT 802.11a 5785MHz Ant1



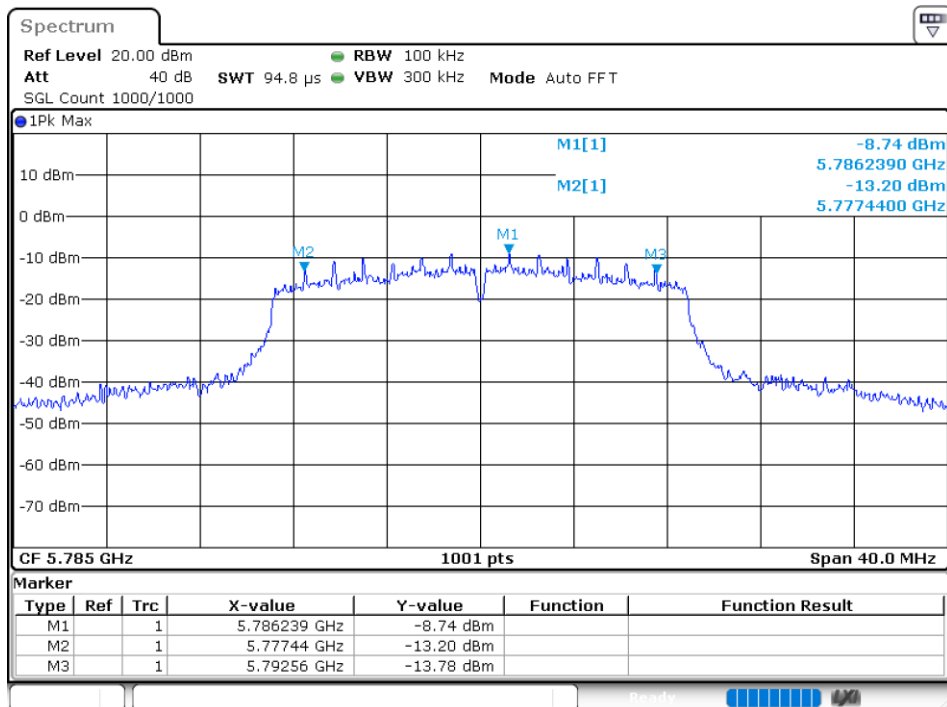
EBW NVNT 802.11a 5825MHz Ant1



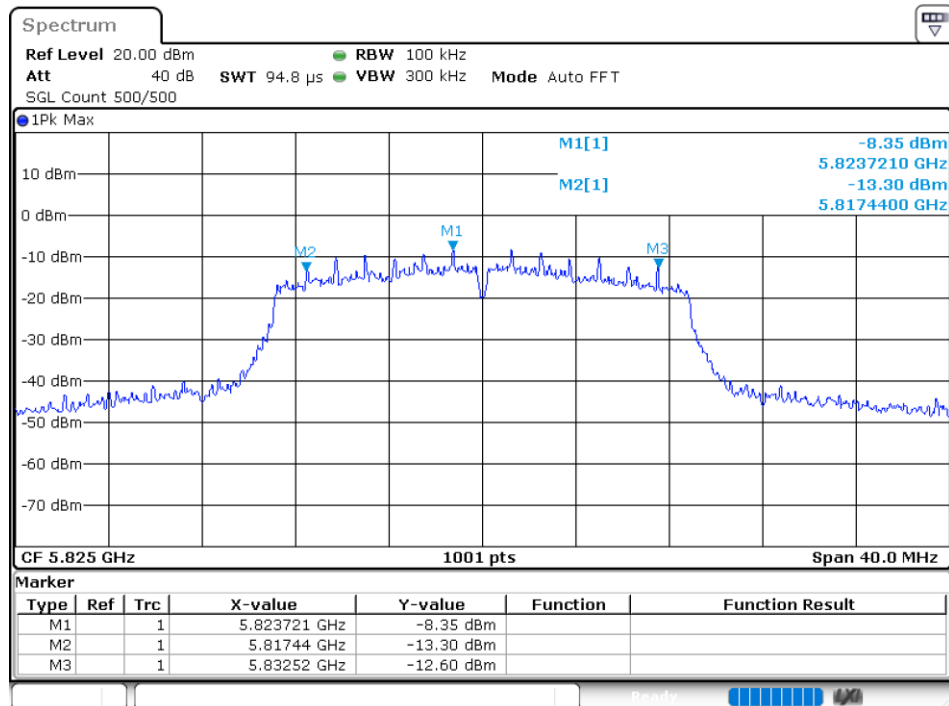
EBW NVNT 802.11ac20 5745MHz Ant1



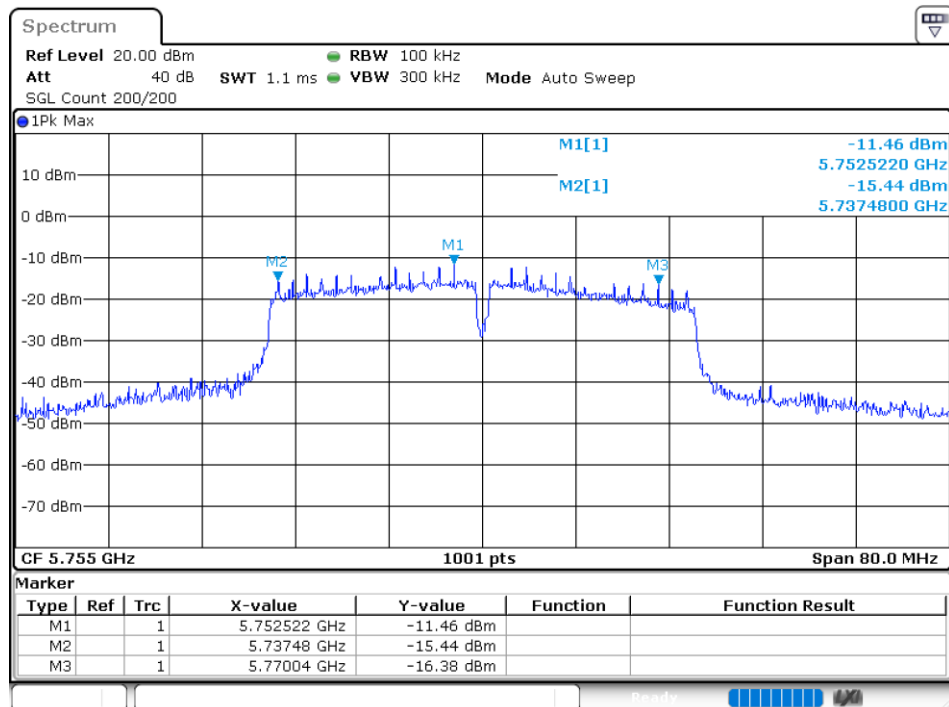
EBW NVNT 802.11ac20 5785MHz Ant1



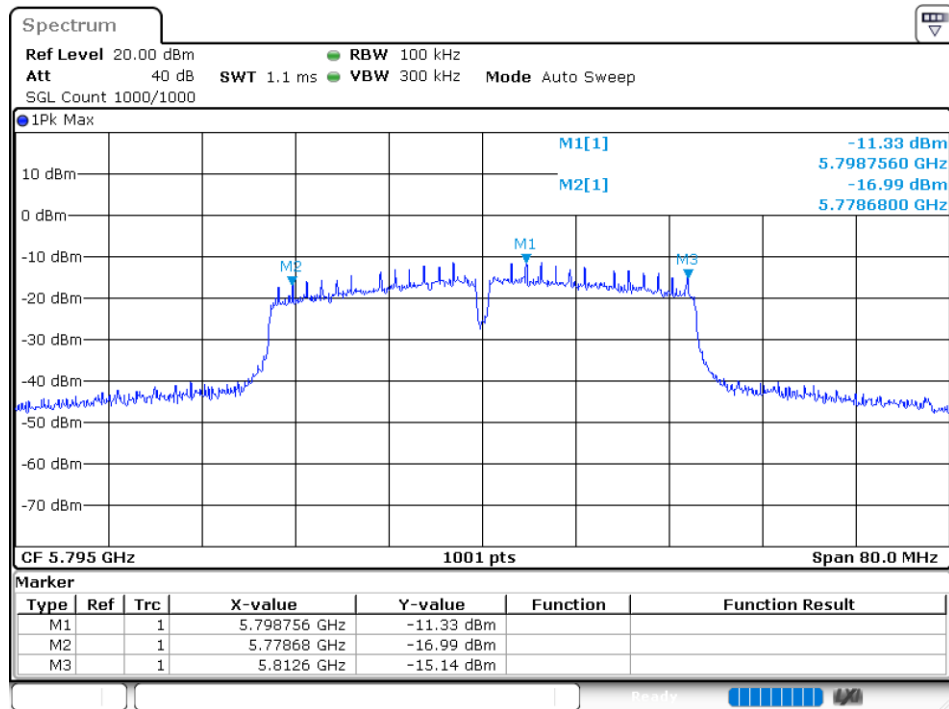
EBW NVNT 802.11ac20 5825MHz Ant1



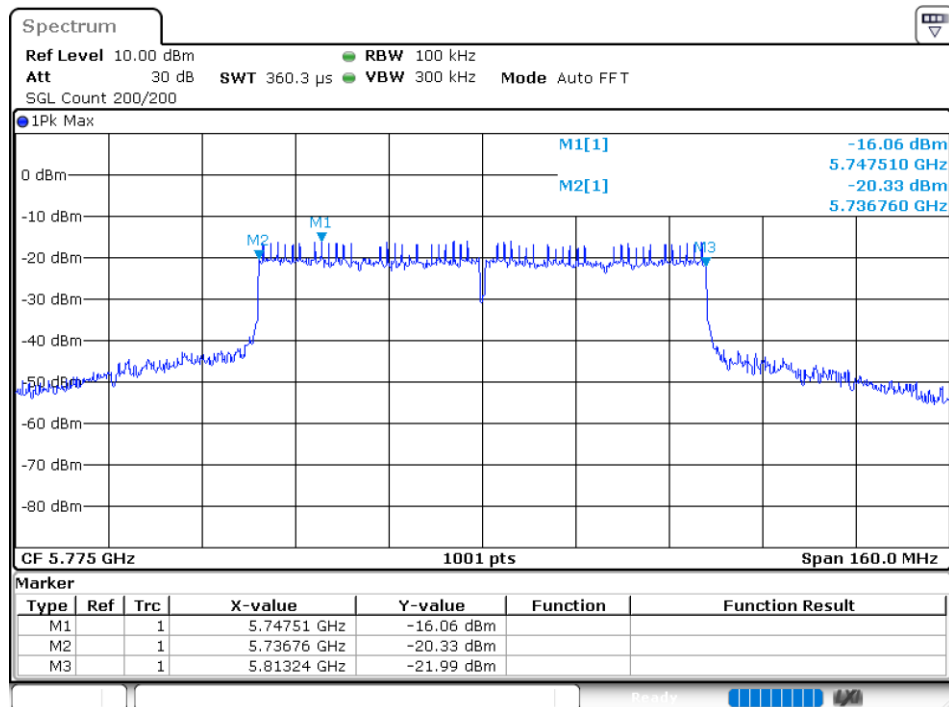
EBW NVNT 802.11ac40 5755MHz Ant1



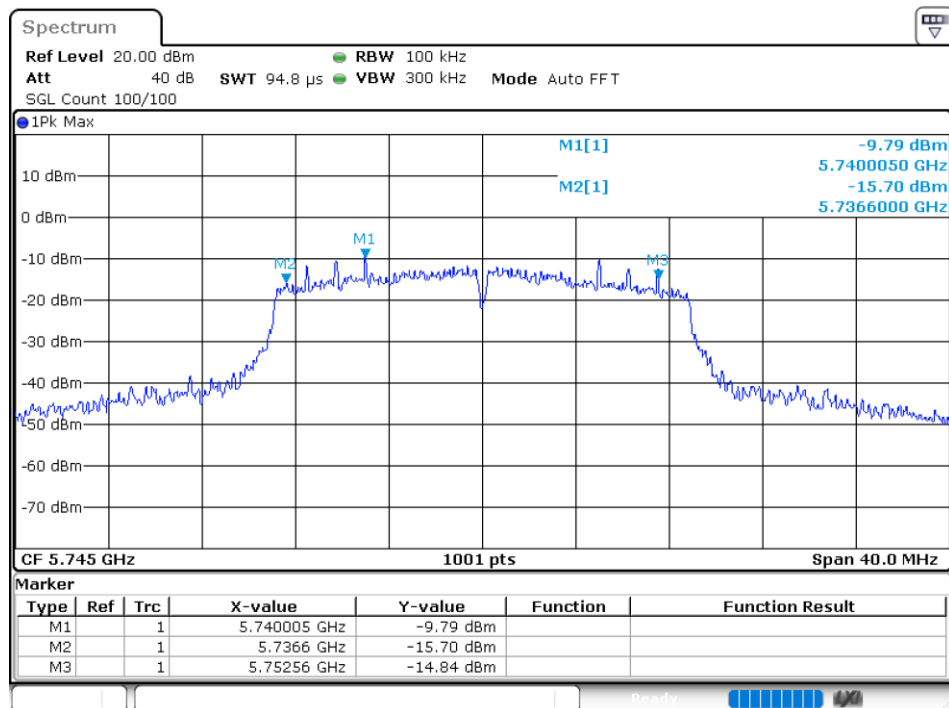
EBW NVNT 802.11ac40 5795MHz Ant1



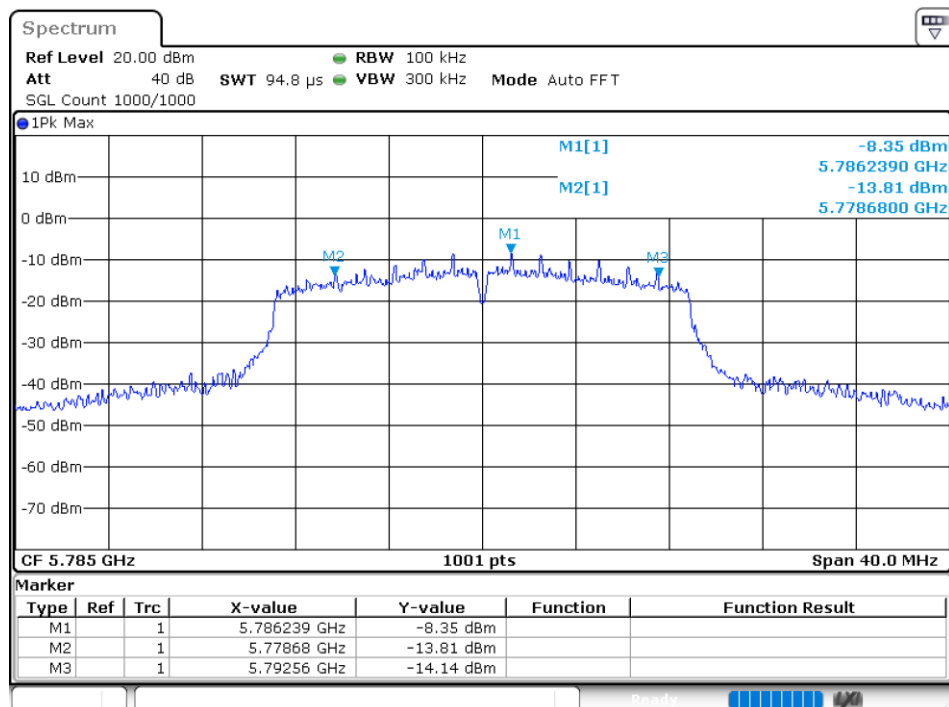
EBW NVNT 802.11ac80 5775MHz Ant1



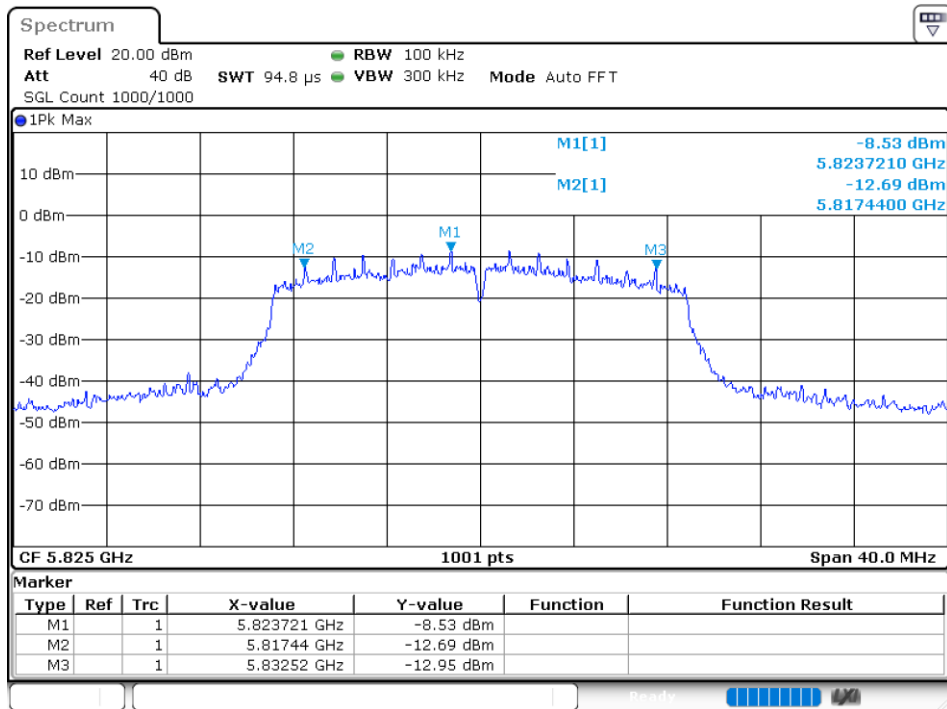
EBW NVNT 802.11n(HT20) 5745MHz Ant1



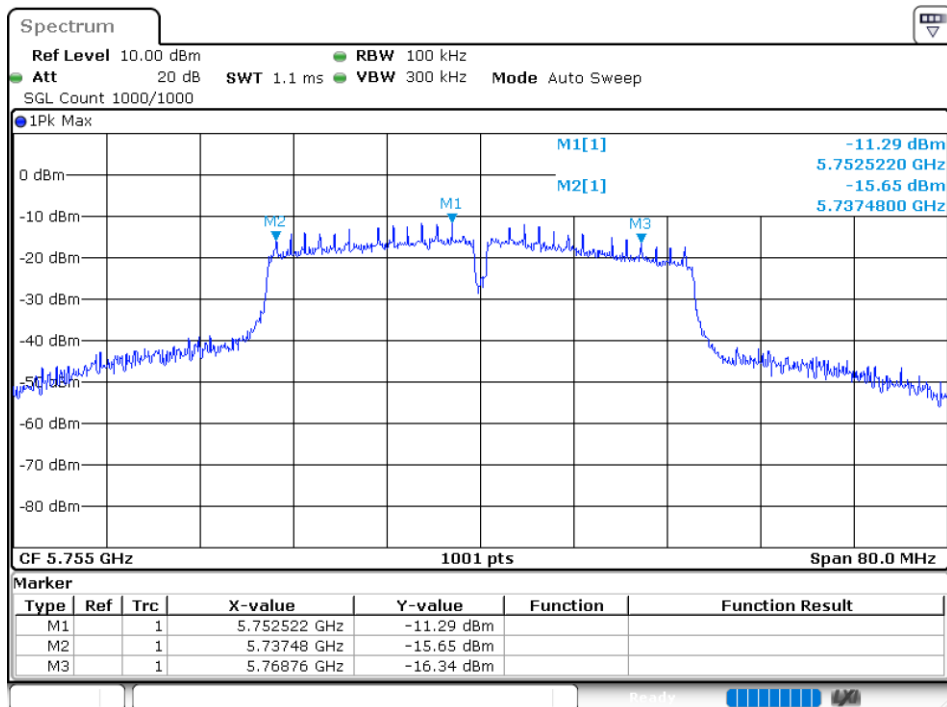
EBW NVNT 802.11n(HT20) 5785MHz Ant1



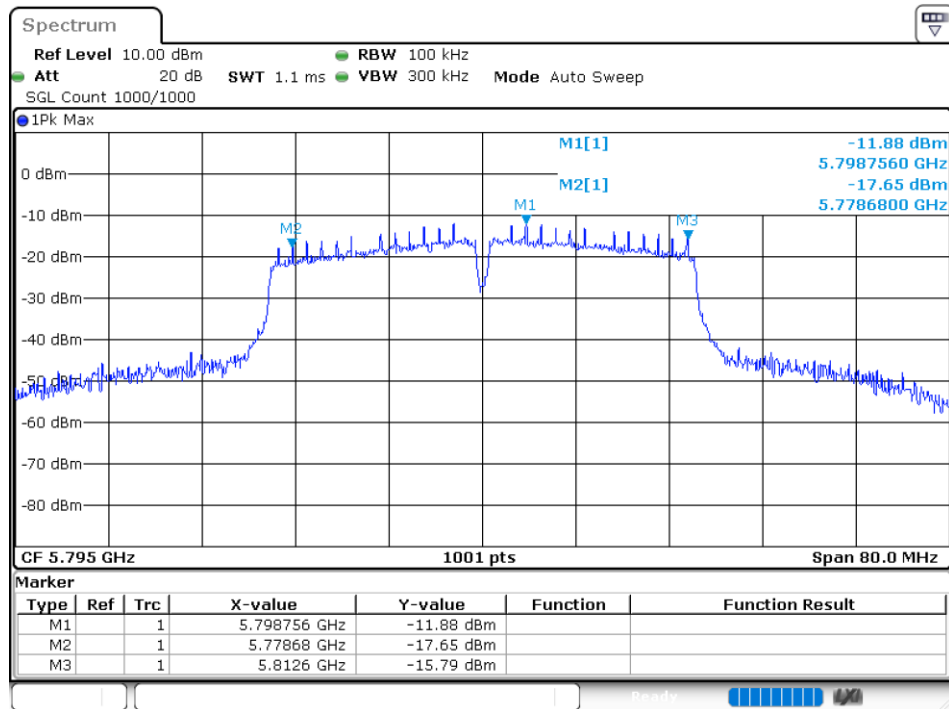
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



EBW NVNT 802.11n(HT40) 5795MHz Ant1

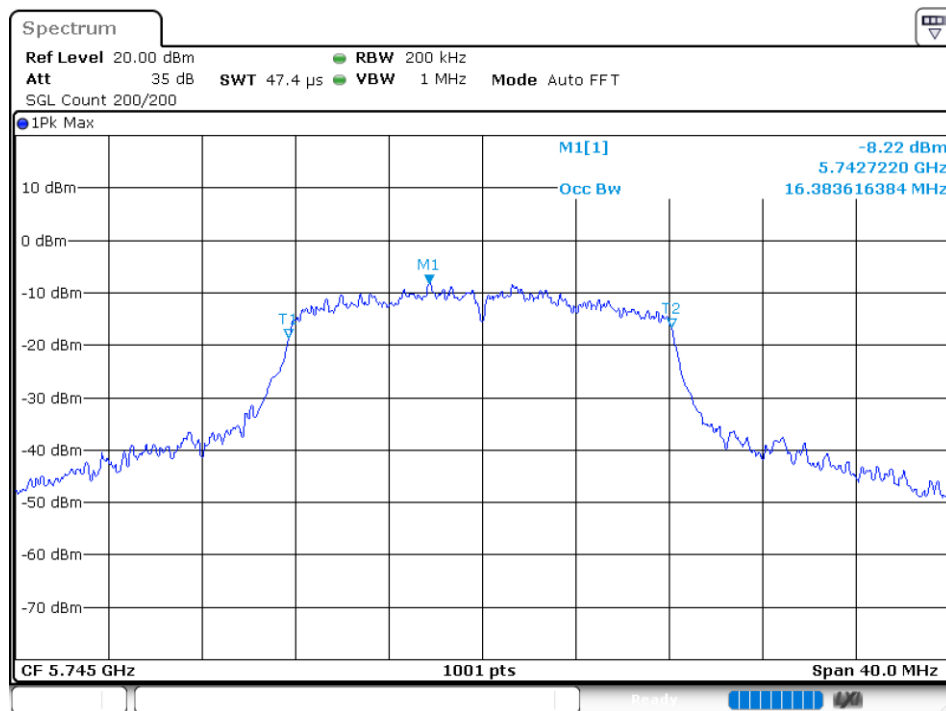




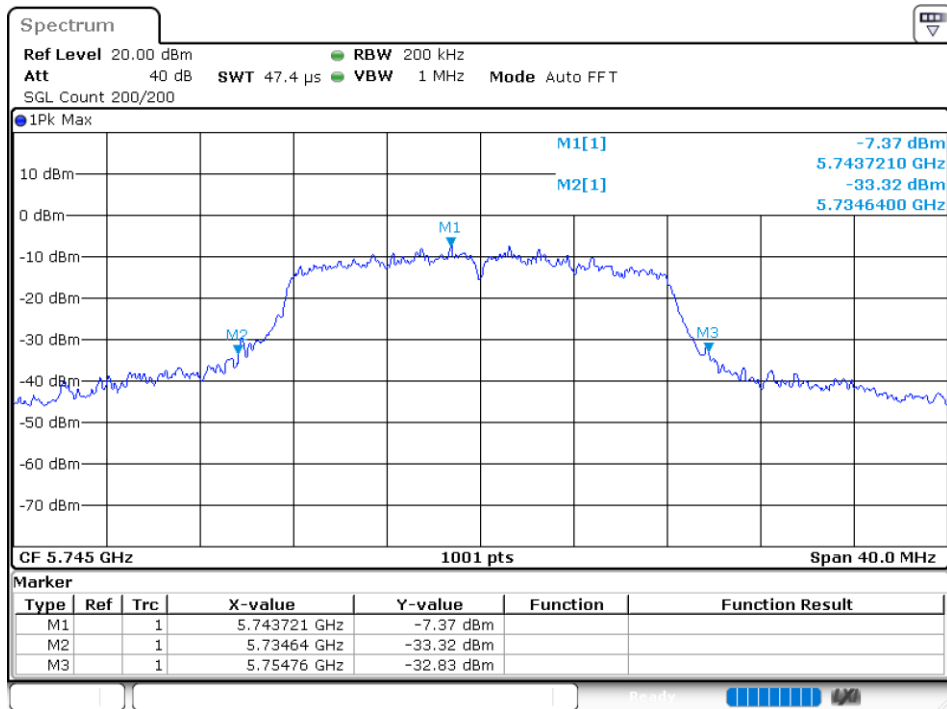
## Occupied Channel Bandwidth

| Condition | Mode          | Frequency<br>(MHz) | Antenna | 99% OBW<br>(MHz) | -26 dB Bandwidth<br>(MHz) | Limit -26 dB Bandwidth<br>(MHz) | Verdict |
|-----------|---------------|--------------------|---------|------------------|---------------------------|---------------------------------|---------|
| NVNT      | 802.11a       | 5745               | Ant 1   | 16.3836          | 20.12                     | 0.5                             | Pass    |
| NVNT      | 802.11a       | 5785               | Ant 1   | 16.4635          | 19.8                      | 0.5                             | Pass    |
| NVNT      | 802.11a       | 5825               | Ant 1   | 16.5035          | 19.76                     | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5745               | Ant 1   | 17.5025          | 20.04                     | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5785               | Ant 1   | 17.5824          | 19.76                     | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5825               | Ant 1   | 17.5025          | 19.84                     | 0.5                             | Pass    |
| NVNT      | 802.11ac40    | 5755               | Ant 1   | 36.6034          | 51.6                      | 0.5                             | Pass    |
| NVNT      | 802.11ac40    | 5795               | Ant 1   | 36.5235          | 54                        | 0.5                             | Pass    |
| NVNT      | 802.11ac80    | 5775               | Ant 1   | 76.8831          | 102.56                    | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5745               | Ant 1   | 17.5824          | 20.4                      | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5785               | Ant 1   | 17.5824          | 20.12                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5825               | Ant 1   | 17.5025          | 19.84                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT40) | 5755               | Ant 1   | 36.5235          | 44.72                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT40) | 5795               | Ant 1   | 36.4436          | 40.72                     | 0.5                             | Pass    |

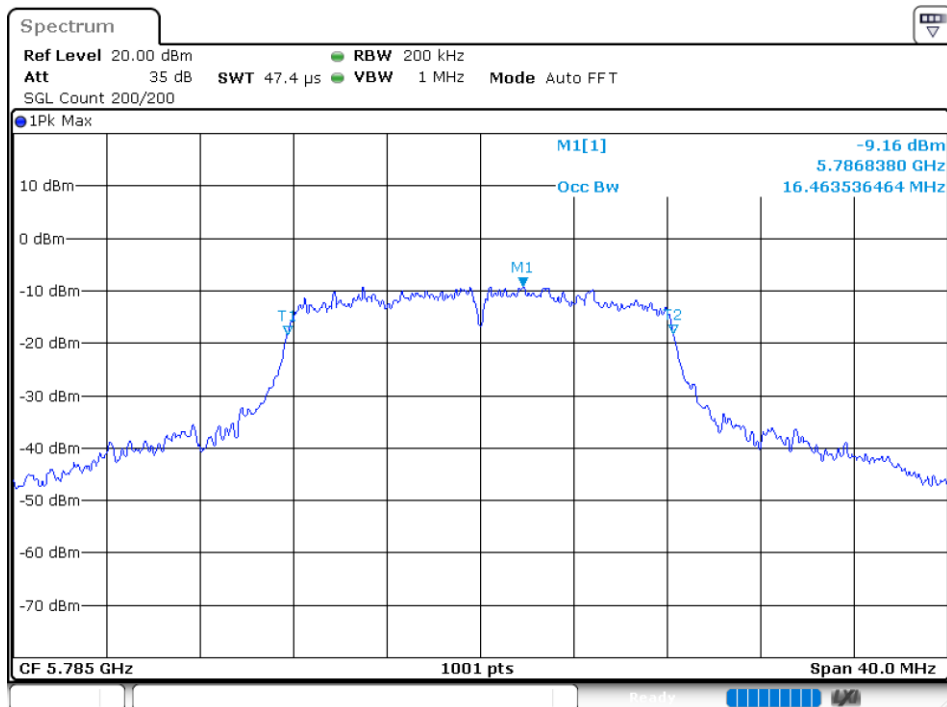
OBW NVNT 802.11a 5745MHz Ant1



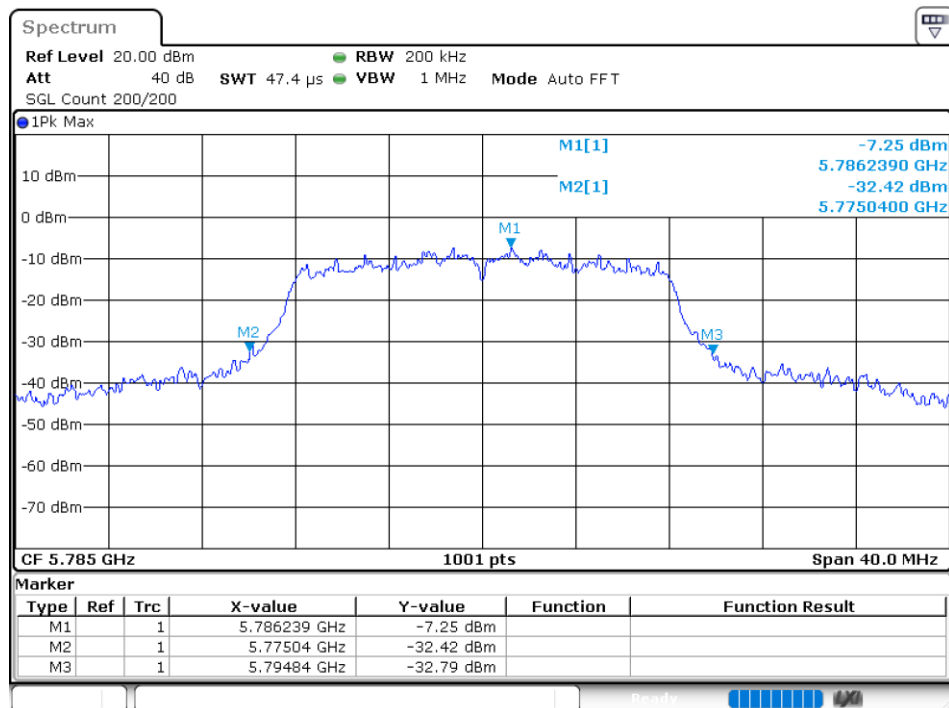
-26 dB BW NVNT 802.11a 5745MHz Ant1



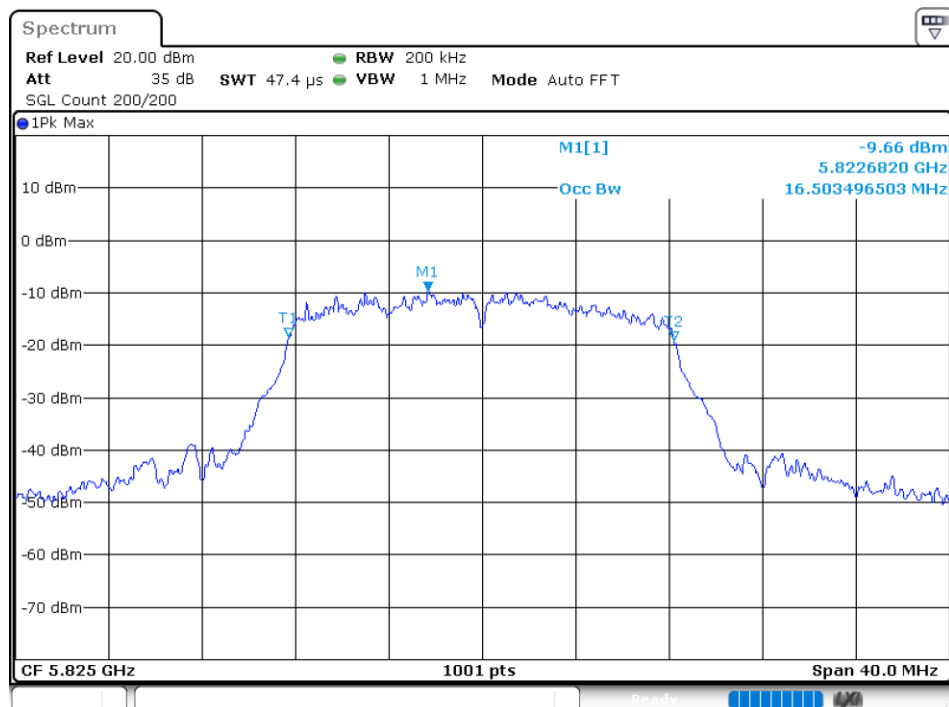
OBW NVNT 802.11a 5785MHz Ant1



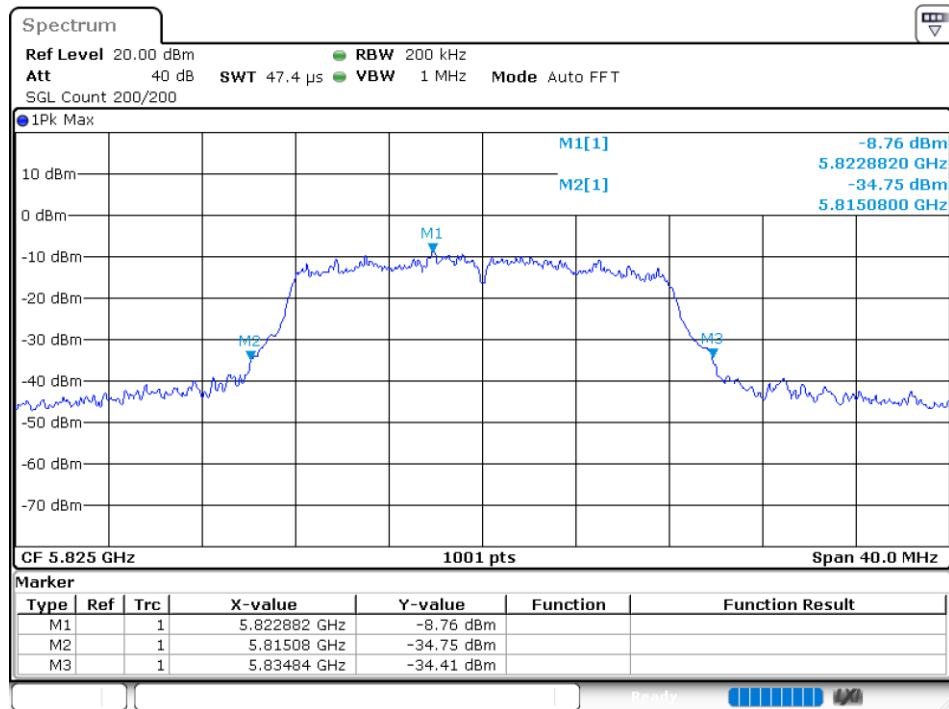
-26 dB BW NVNT 802.11a 5785MHz Ant1



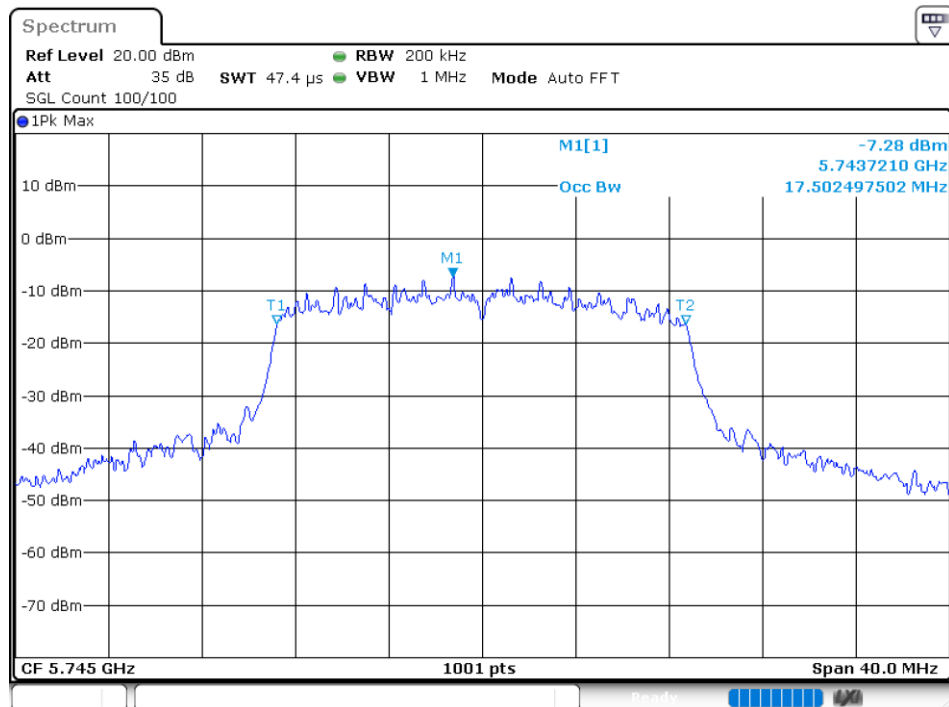
OBW NVNT 802.11a 5825MHz Ant1



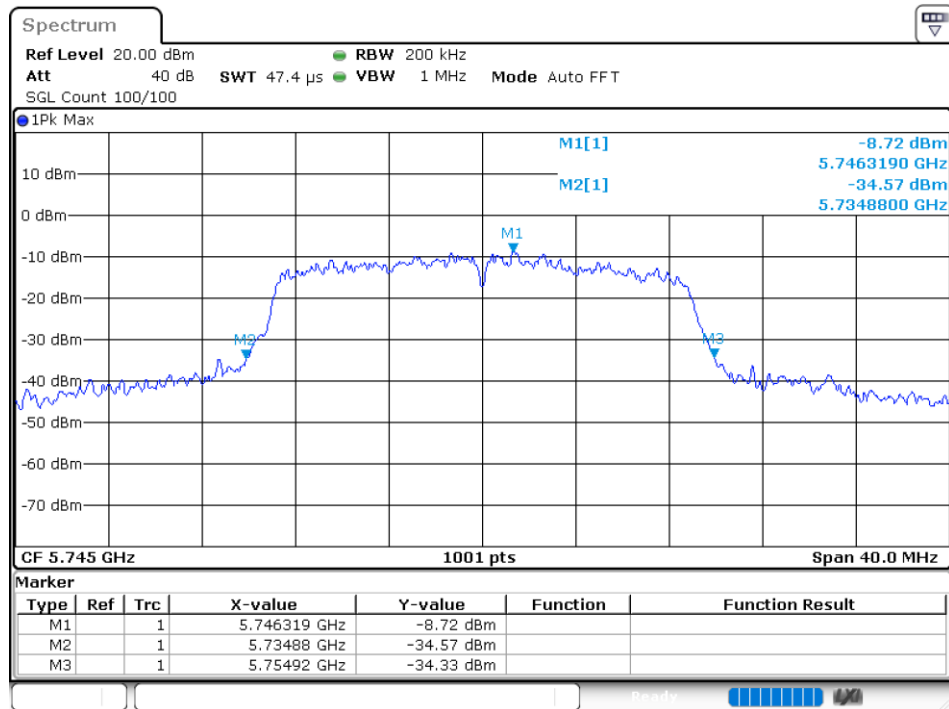
-26 dB BW NVNT 802.11a 5825MHz Ant1



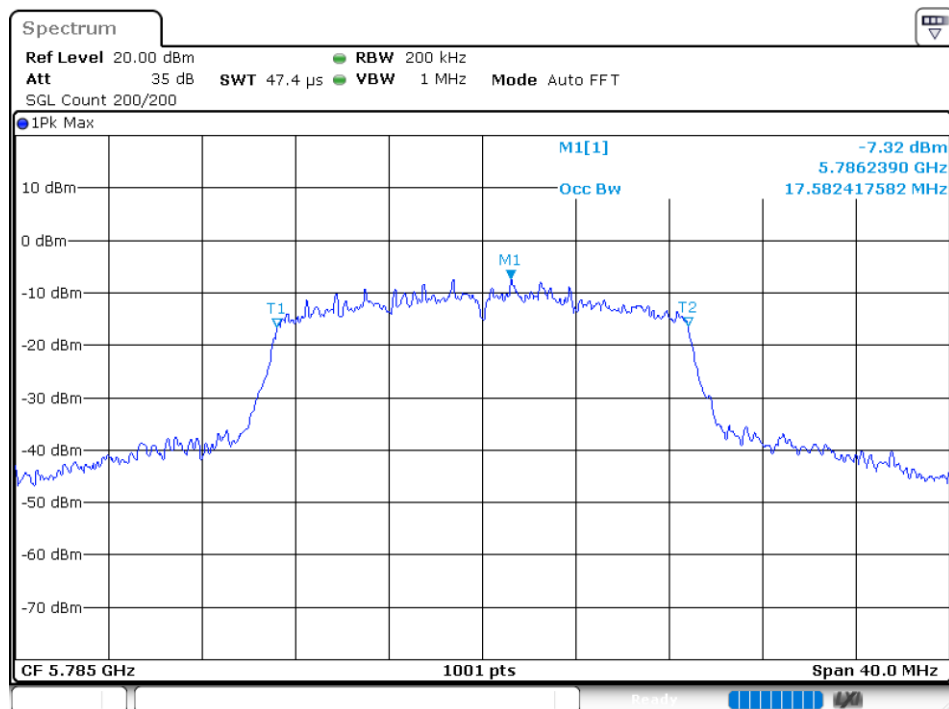
OBW NVNT 802.11ac20 5745MHz Ant1



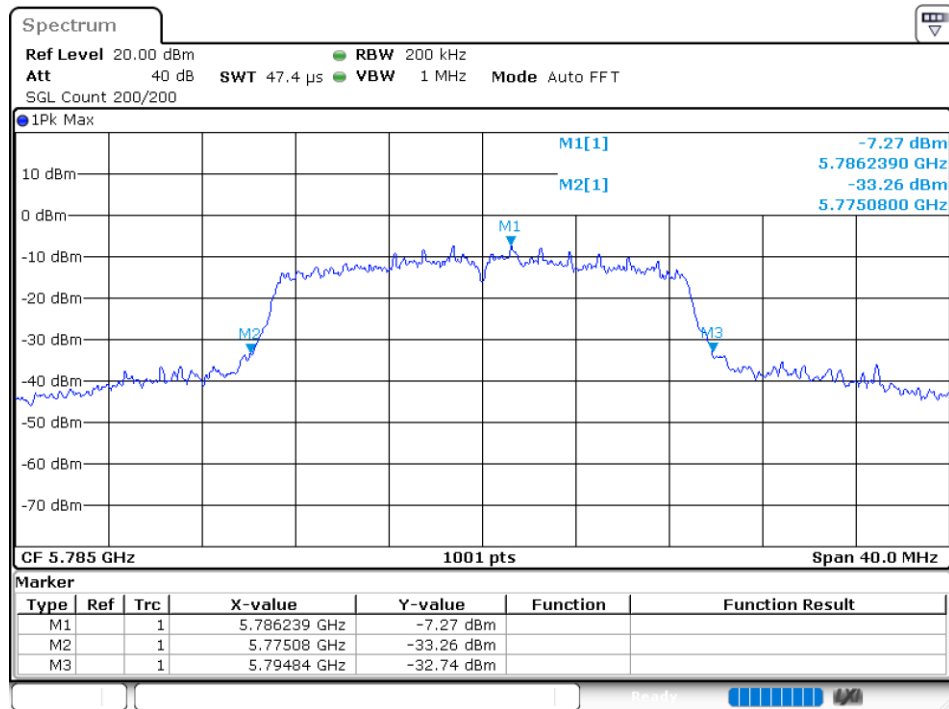
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



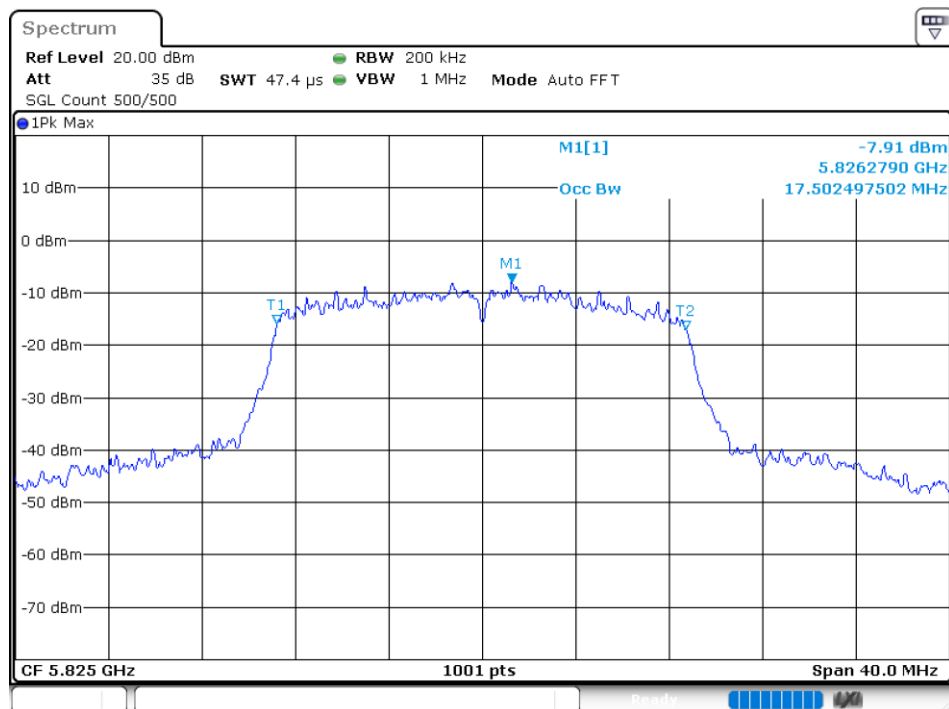
OBW NVNT 802.11ac20 5785MHz Ant1



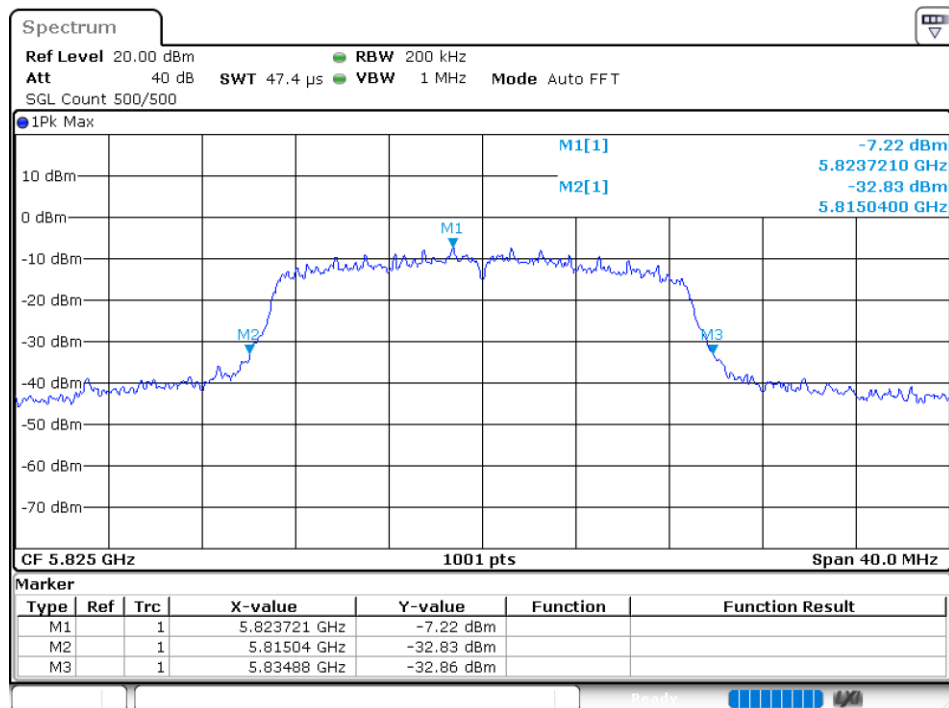
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



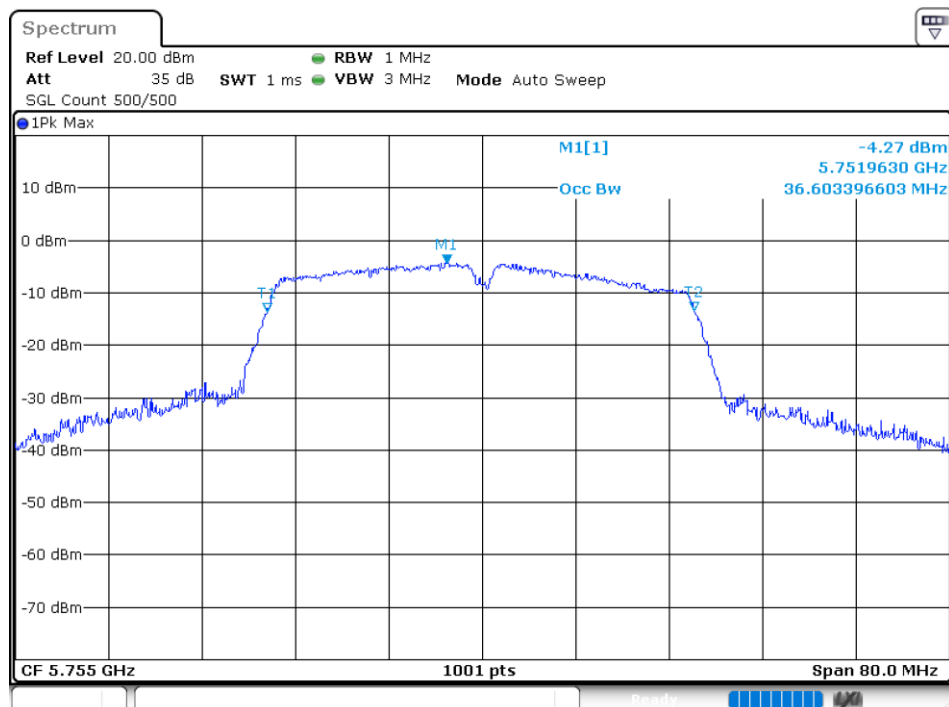
OBW NVNT 802.11ac20 5825MHz Ant1



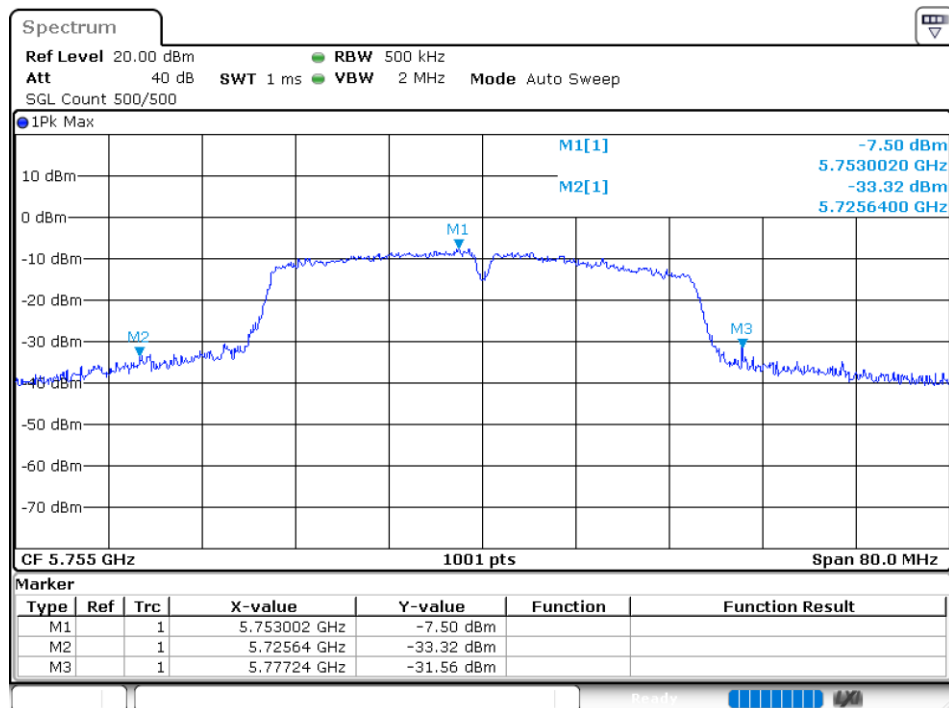
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



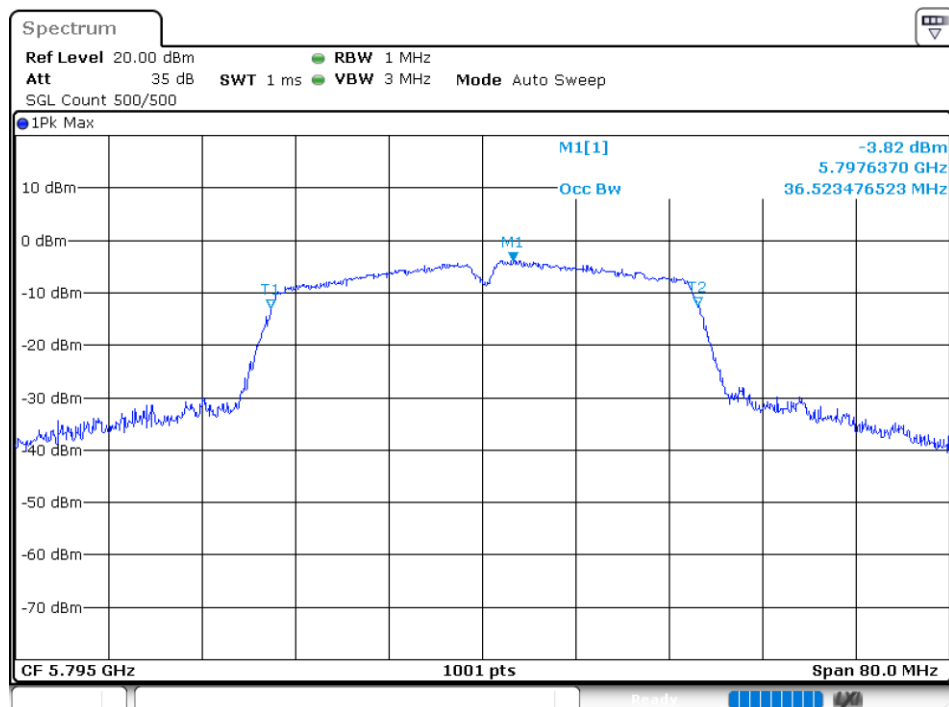
OBW NVNT 802.11ac40 5755MHz Ant1



-26 dB BW NVNT 802.11ac40 5755MHz Ant1

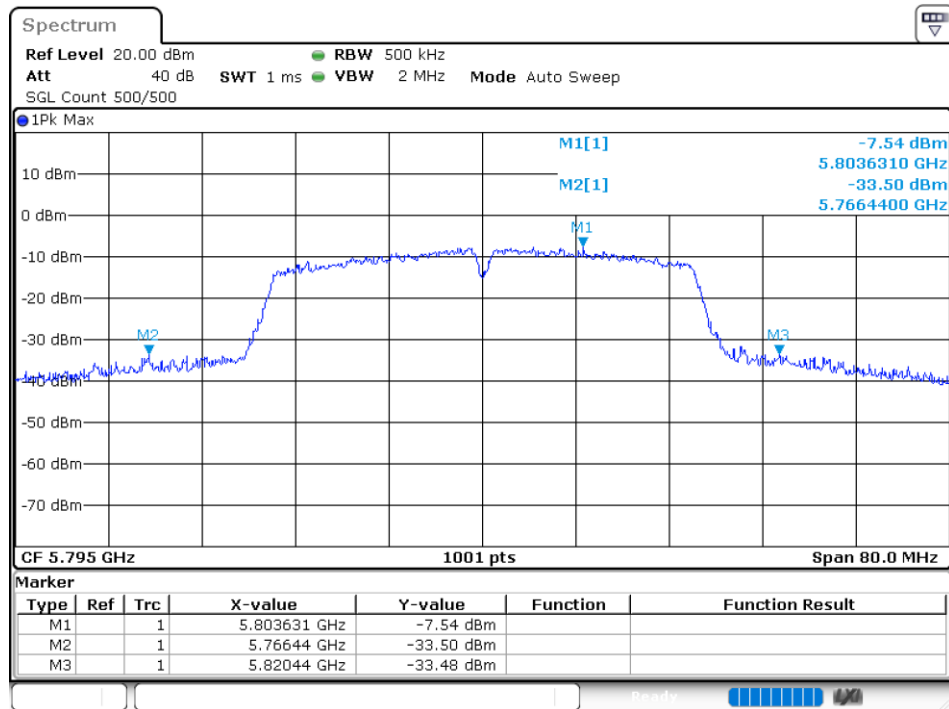


OBW NVNT 802.11ac40 5795MHz Ant1

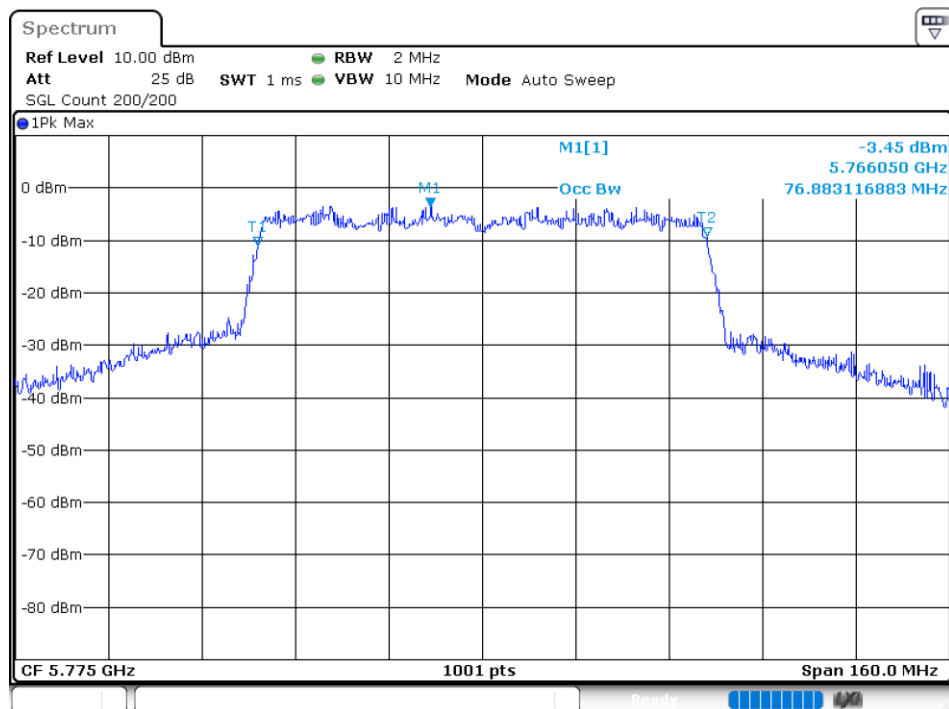




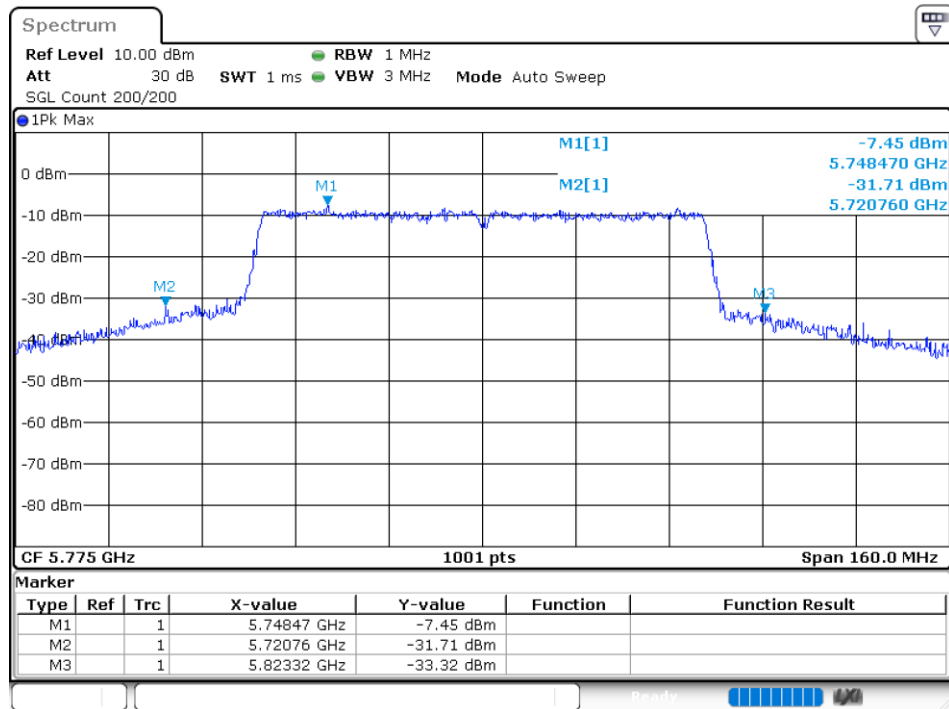
-26 dB BW NVNT 802.11ac40 5795MHz Ant1



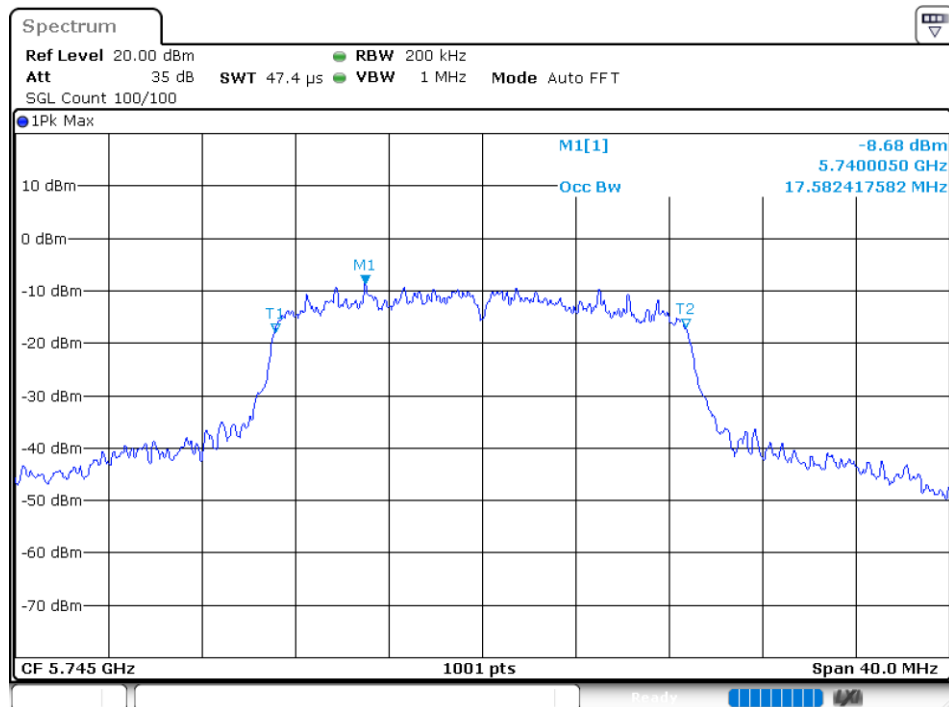
OBW NVNT 802.11ac80 5775MHz Ant1



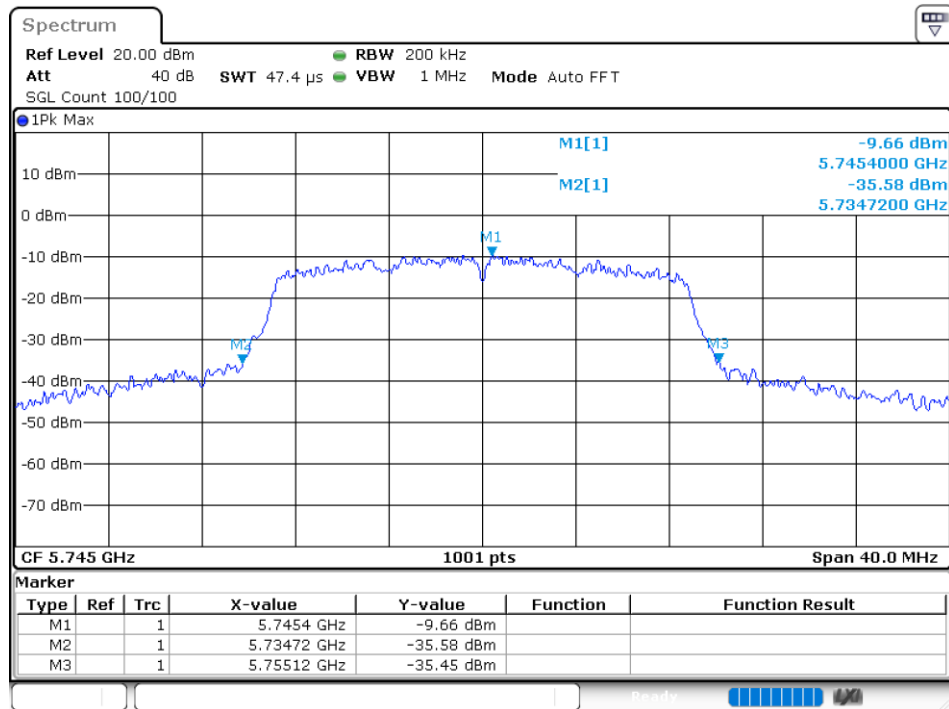
-26 dB BW NVNT 802.11ac80 5775MHz Ant1



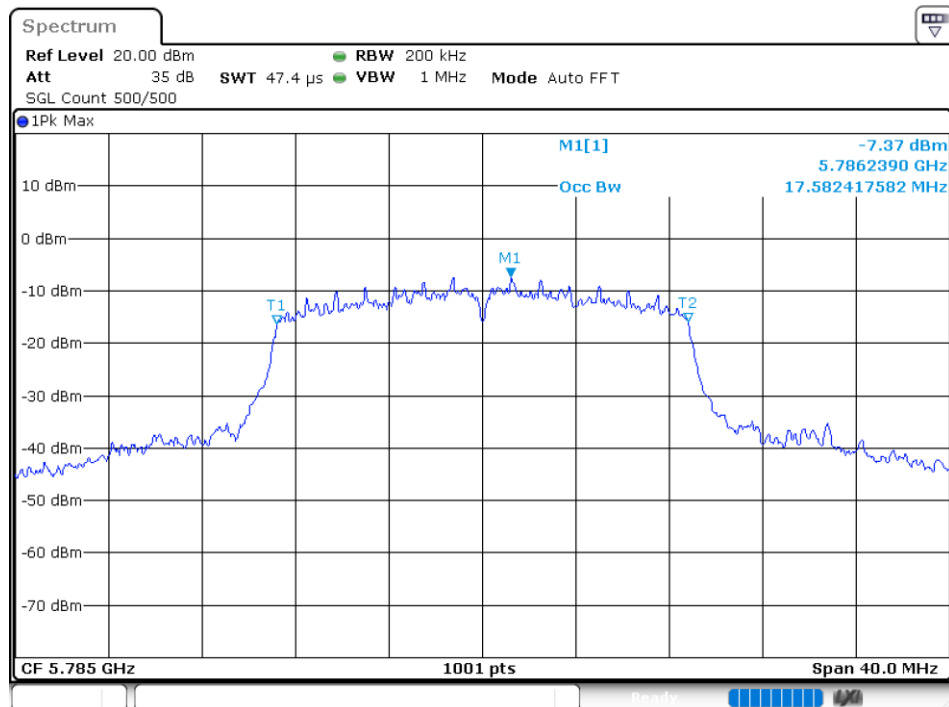
OBW NVNT 802.11n(HT20) 5745MHz Ant1



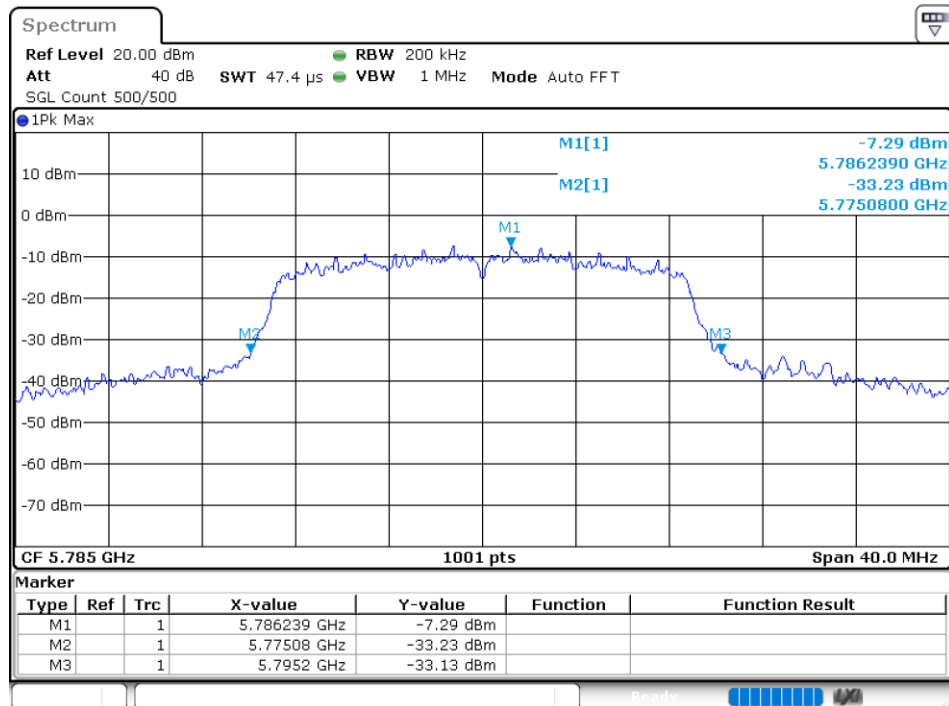
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



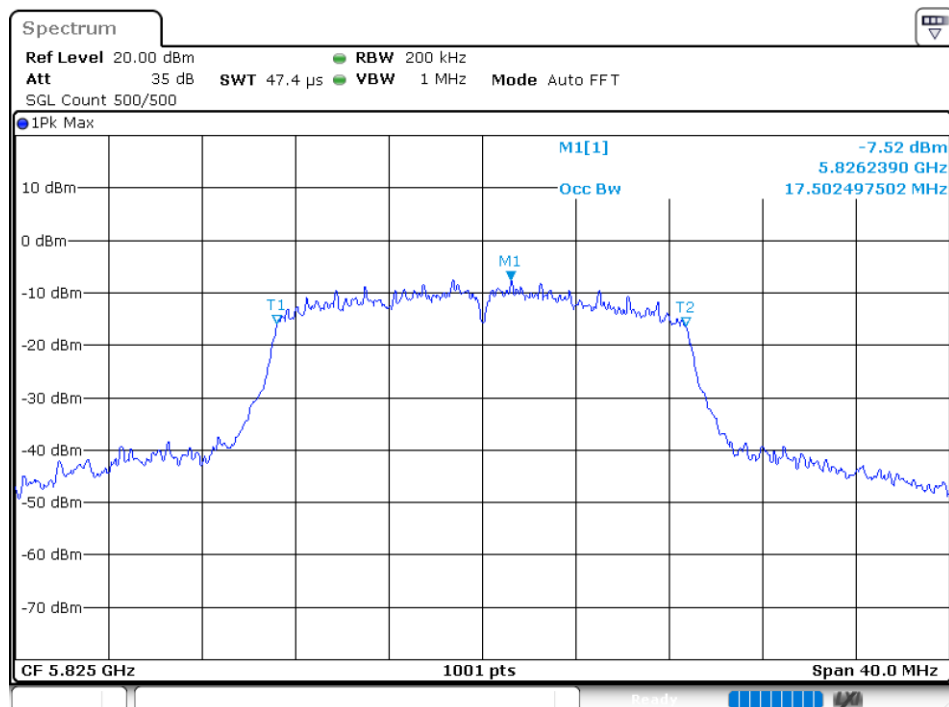
OBW NVNT 802.11n(HT20) 5785MHz Ant1



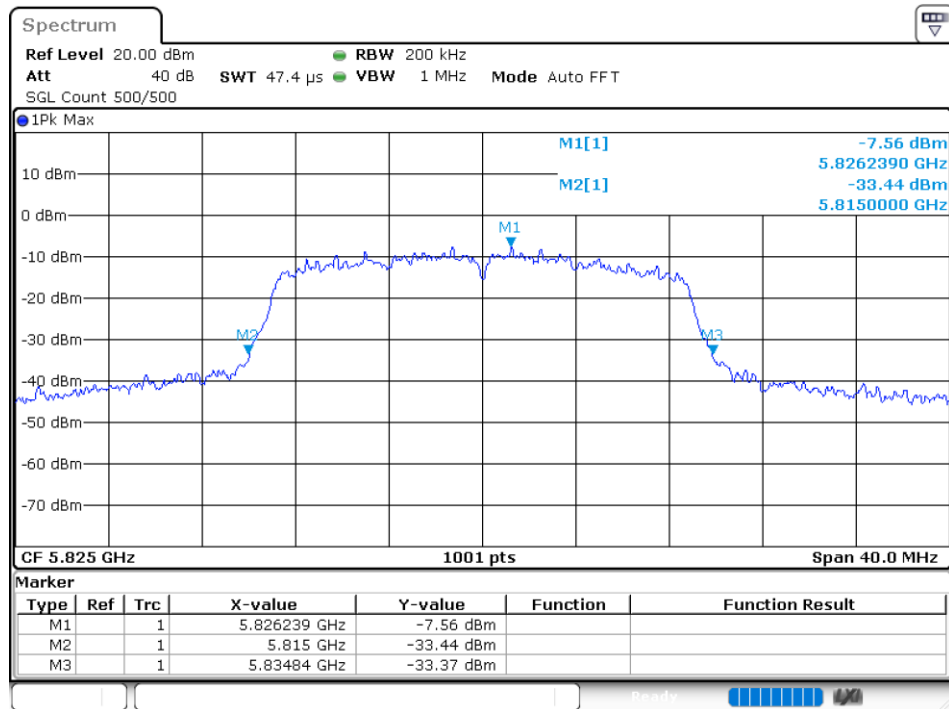
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



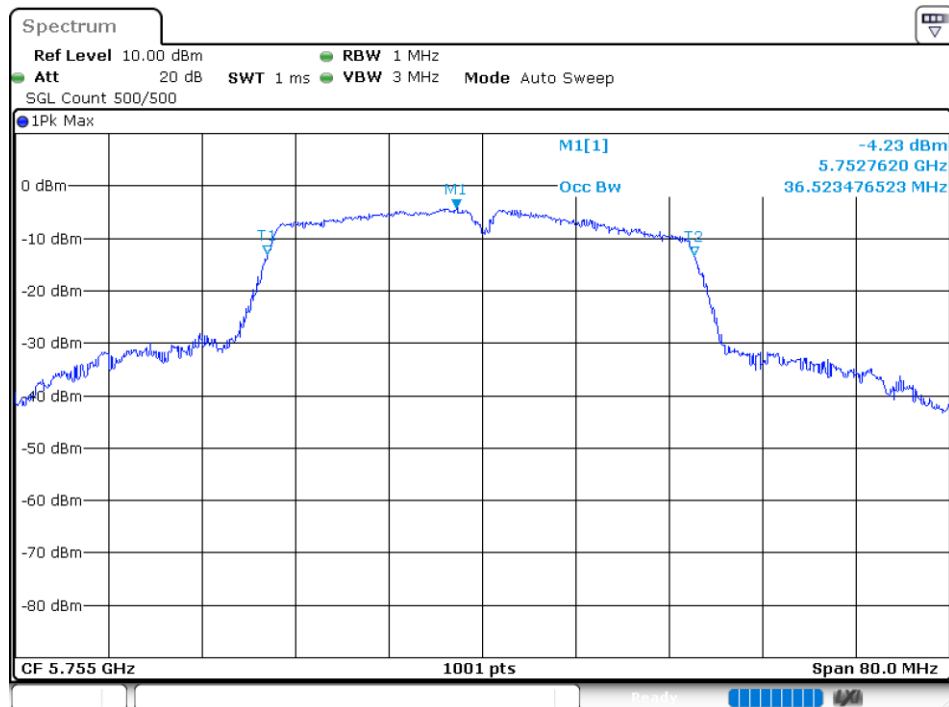
OBW NVNT 802.11n(HT20) 5825MHz Ant1



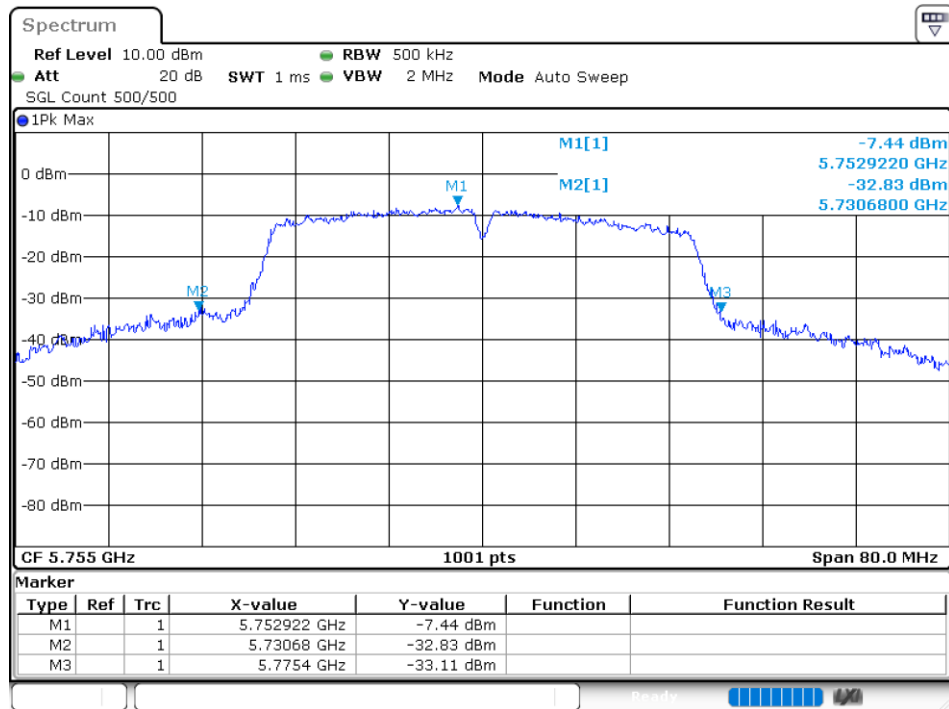
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant1



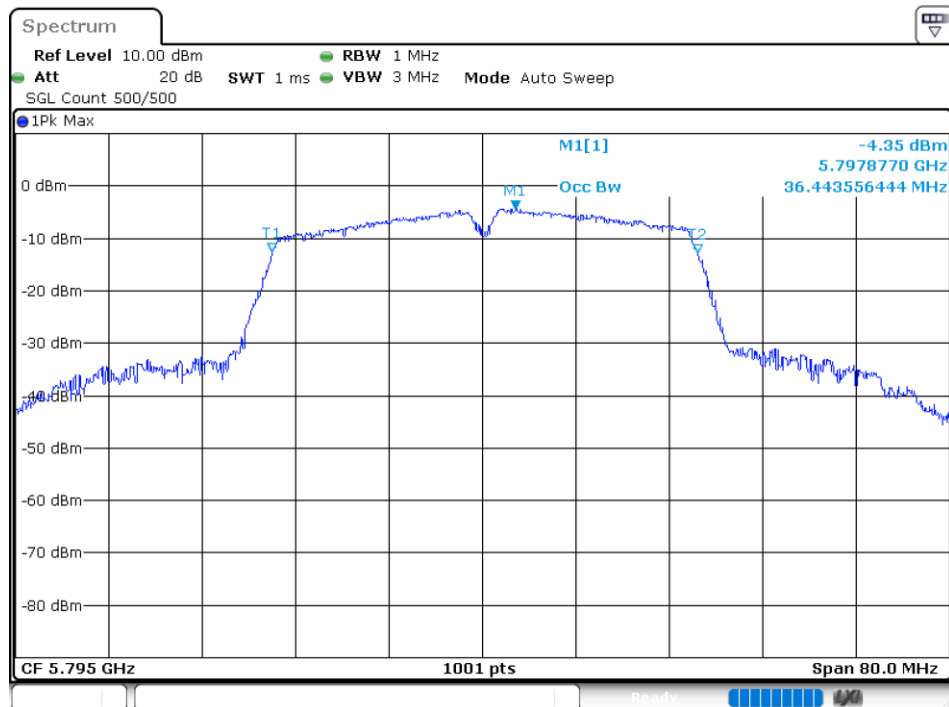
OBW NVNT 802.11n(HT40) 5755MHz Ant1



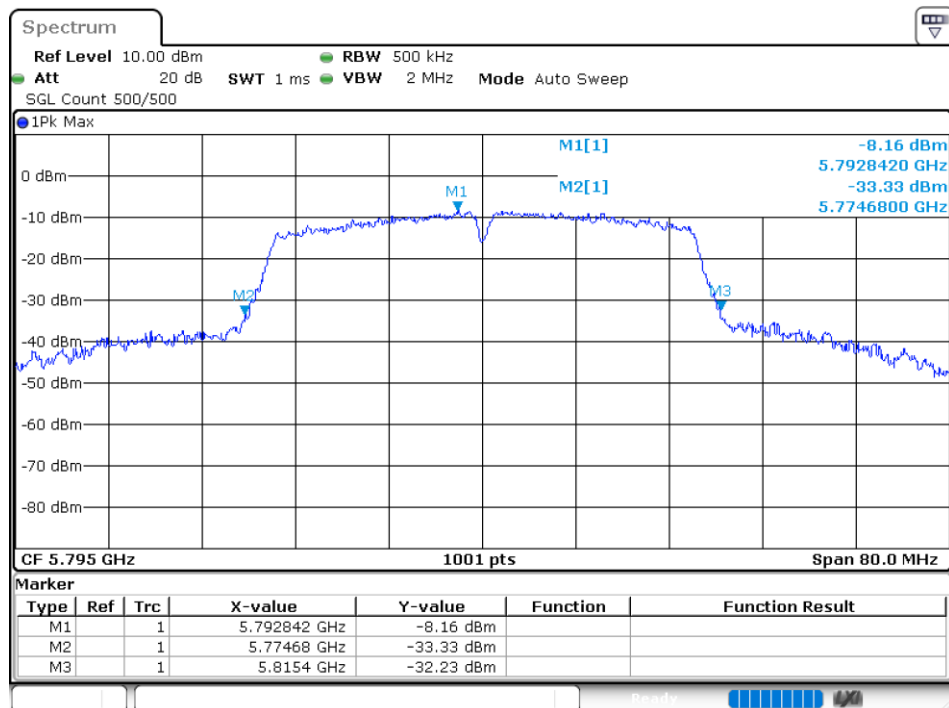
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant1



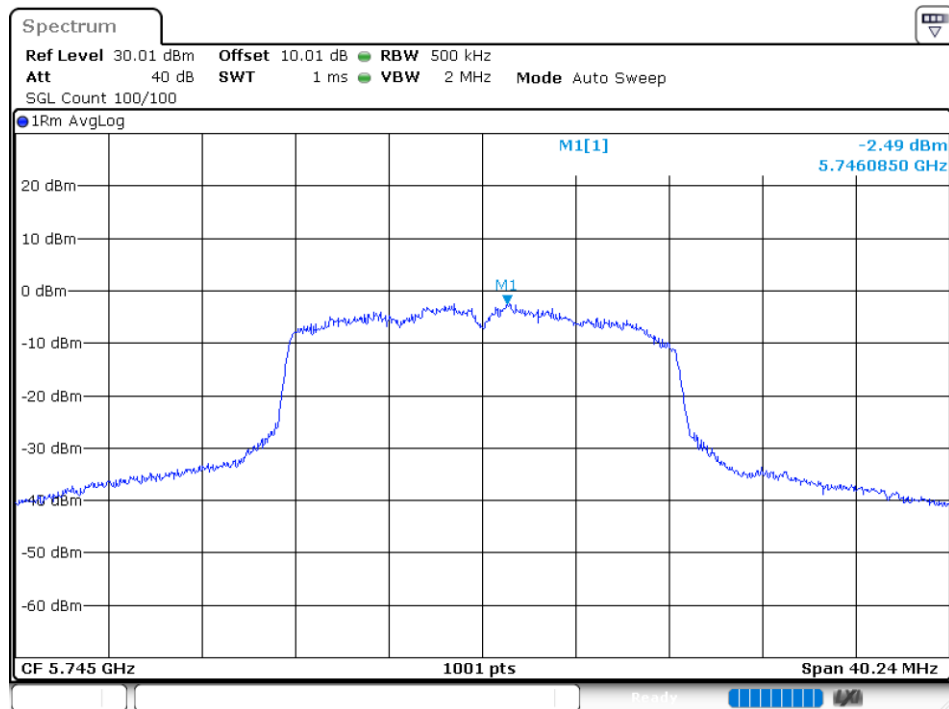
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant1



### Maximum Power Spectral Density Level

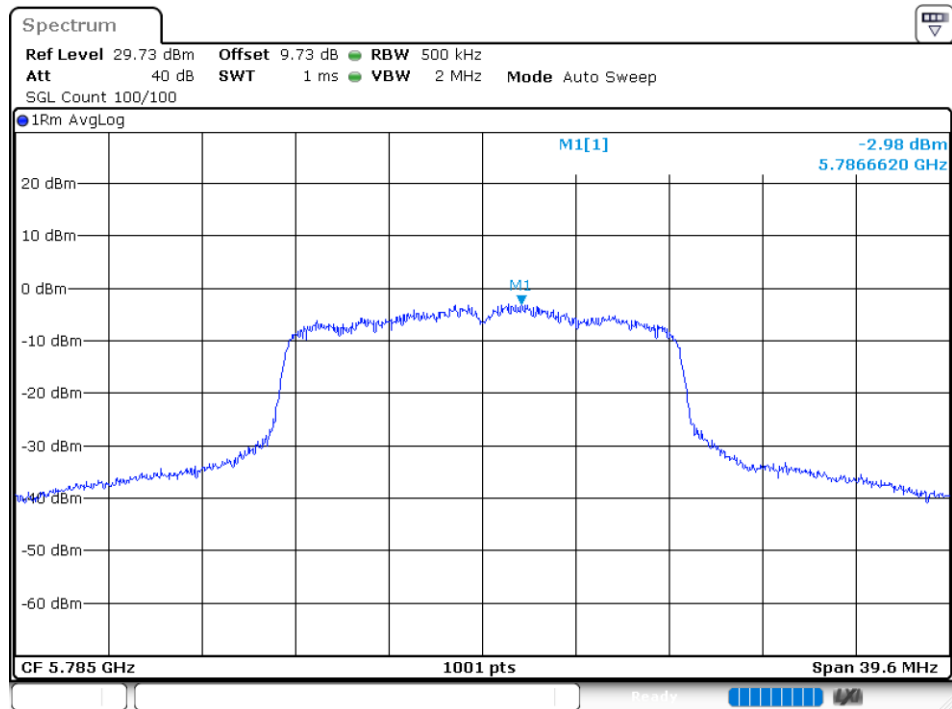
| Condition | Mode          | Frequency (MHz) | Antenna | Duty Factor (dB) | Max PSD (dBm/500kHz) | Total Max PSD (dBm/500kHz) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|------------------|----------------------|----------------------------|-------------|---------|
| NVNT      | 802.11a       | 5745            | Ant 1   | 0.09             | -2.49                | -2.40                      | 30          | Pass    |
| NVNT      | 802.11a       | 5785            | Ant 1   | 0.09             | -2.98                | -2.89                      | 30          | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 1   | 0.09             | -3.64                | -3.55                      | 30          | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 1   | 0.1              | -3.49                | -3.39                      | 30          | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | 0.1              | -4.30                | -4.20                      | 30          | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | 0.1              | -3.91                | -3.81                      | 30          | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | 0.19             | -8.27                | -8.08                      | 30          | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | 0.19             | -7.75                | -7.56                      | 30          | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | 0.37             | -14.7                | -14.33                     | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | 0.1              | -3.53                | -3.43                      | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | 0.1              | -4.25                | -4.15                      | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | 0.1              | -4.00                | -3.90                      | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | 0.19             | -8.81                | -8.62                      | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | 0.19             | -9.51                | -9.32                      | 30          | Pass    |

PSD NVNT 802.11a 5745MHz Ant1

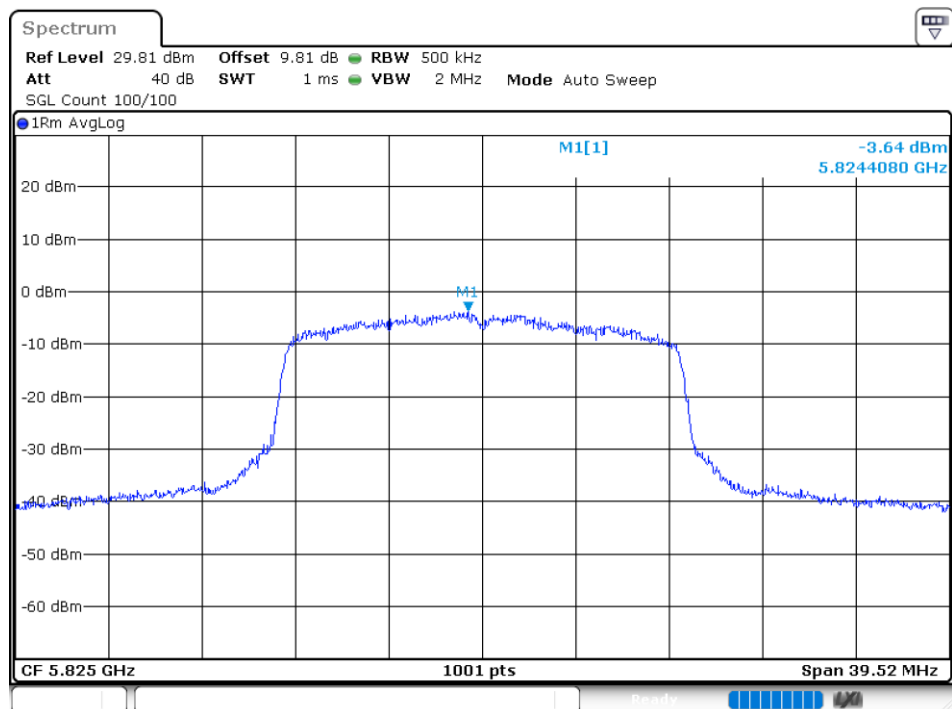




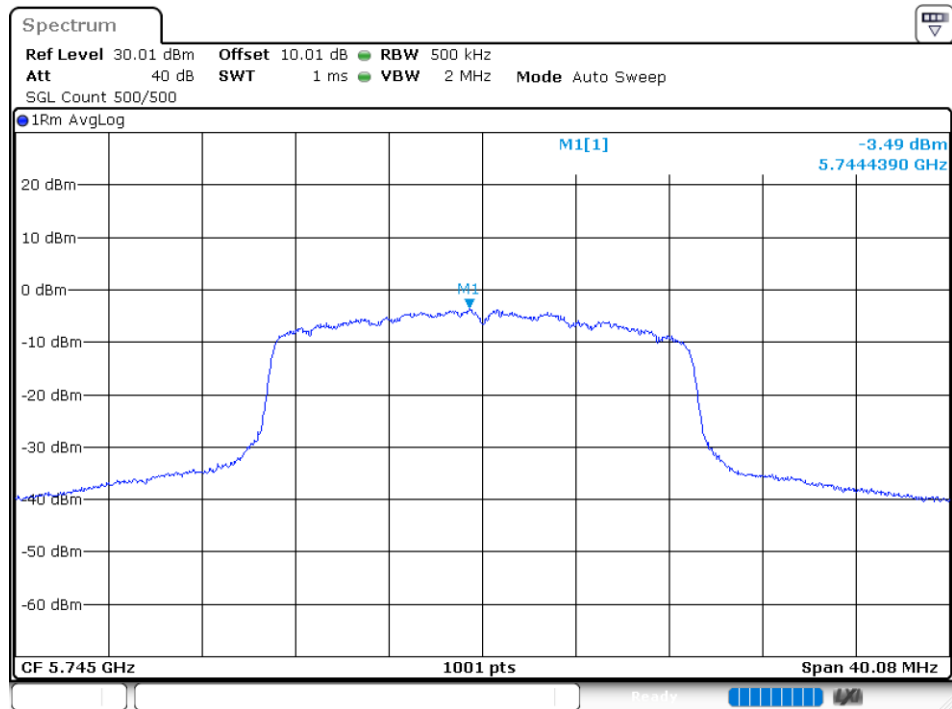
PSD NVNT 802.11a 5785MHz Ant1



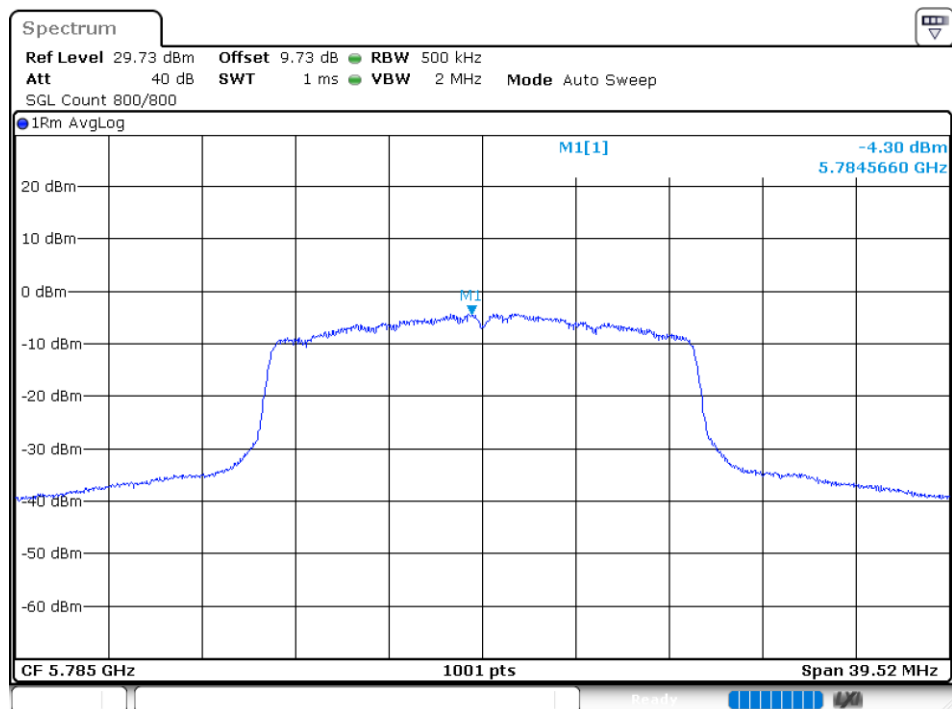
PSD NVNT 802.11a 5825MHz Ant1



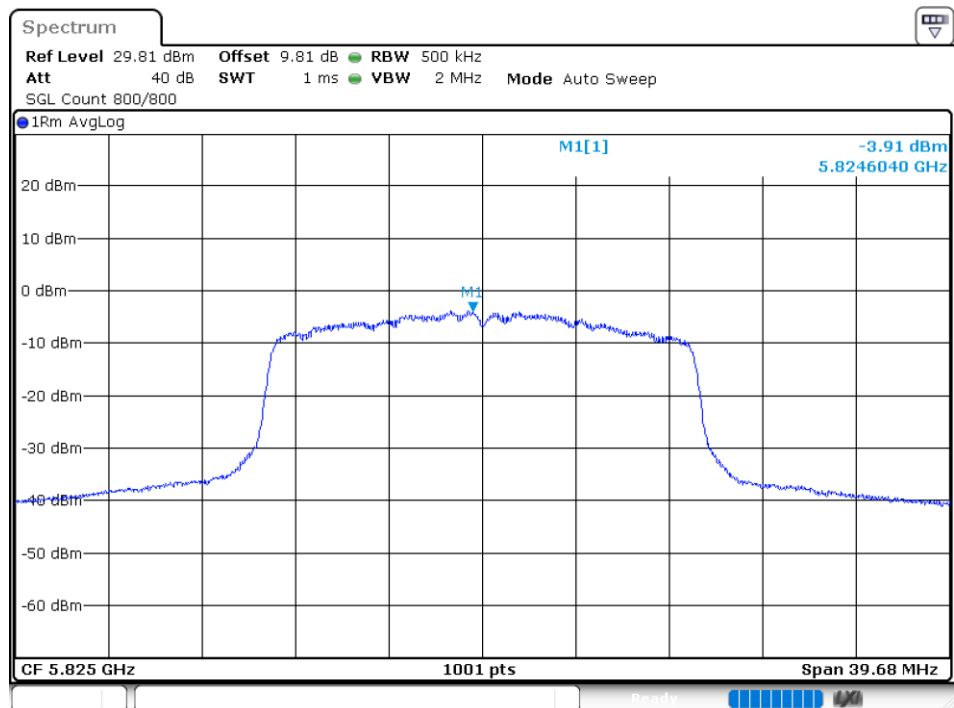
PSD NVNT 802.11ac20 5745MHz Ant1



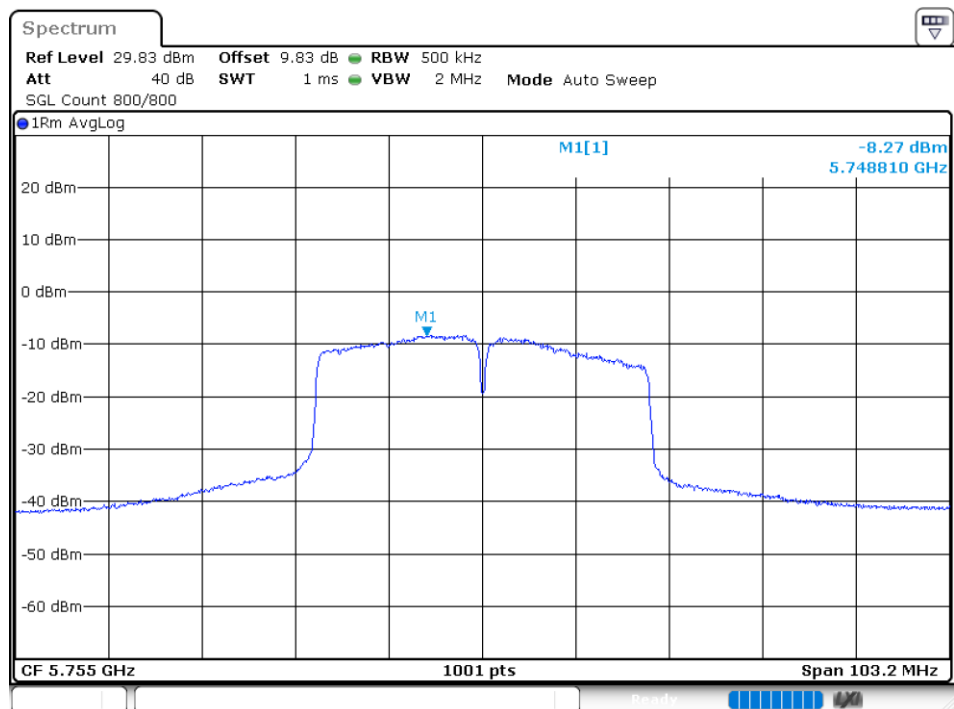
PSD NVNT 802.11ac20 5785MHz Ant1



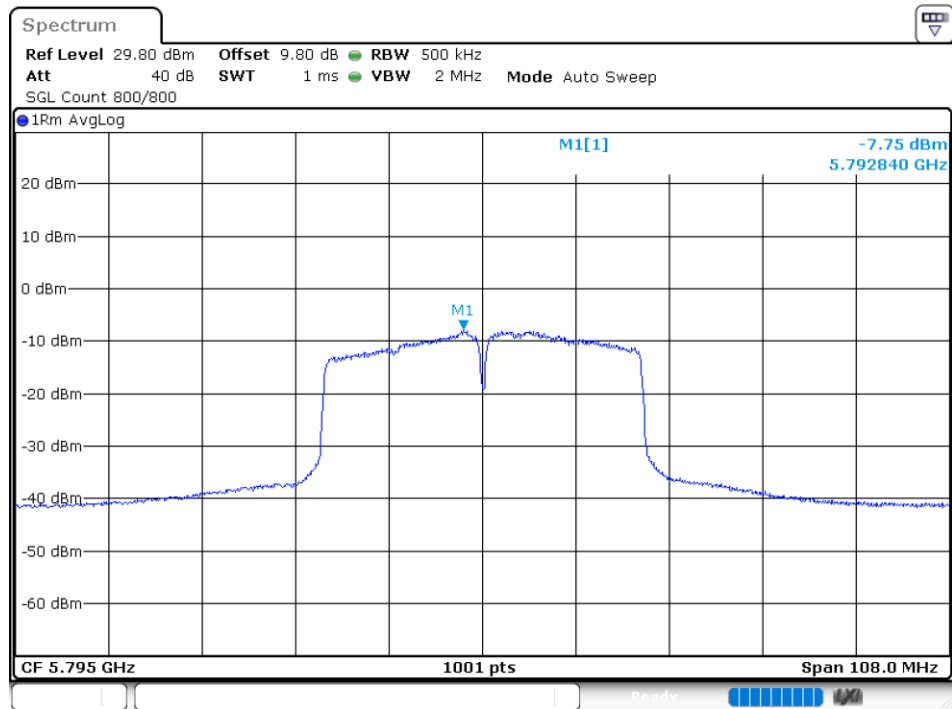
PSD NVNT 802.11ac20 5825MHz Ant1



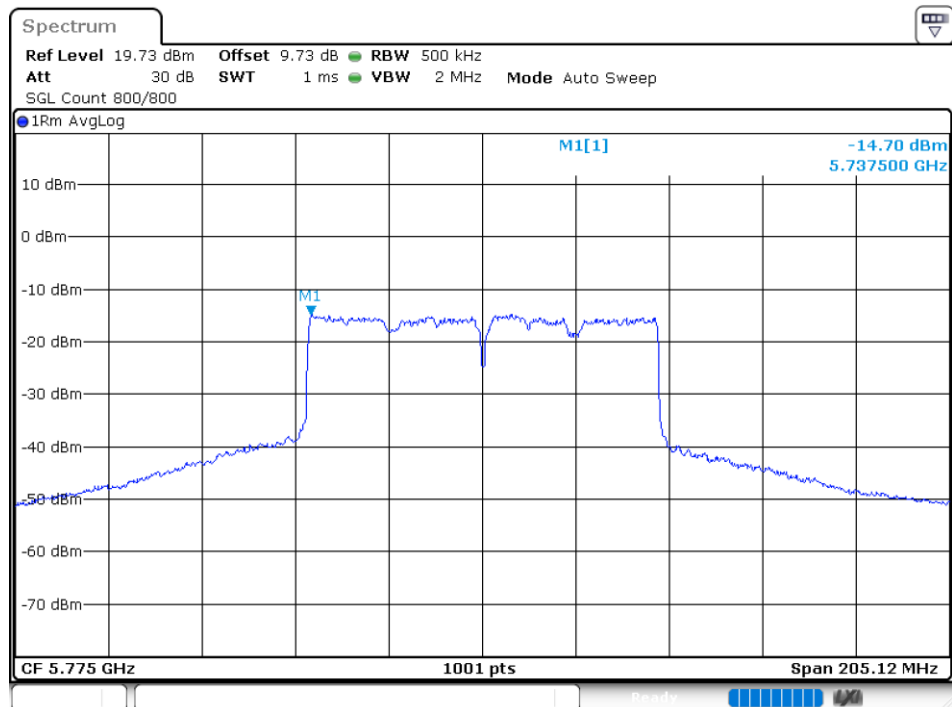
PSD NVNT 802.11ac40 5755MHz Ant1



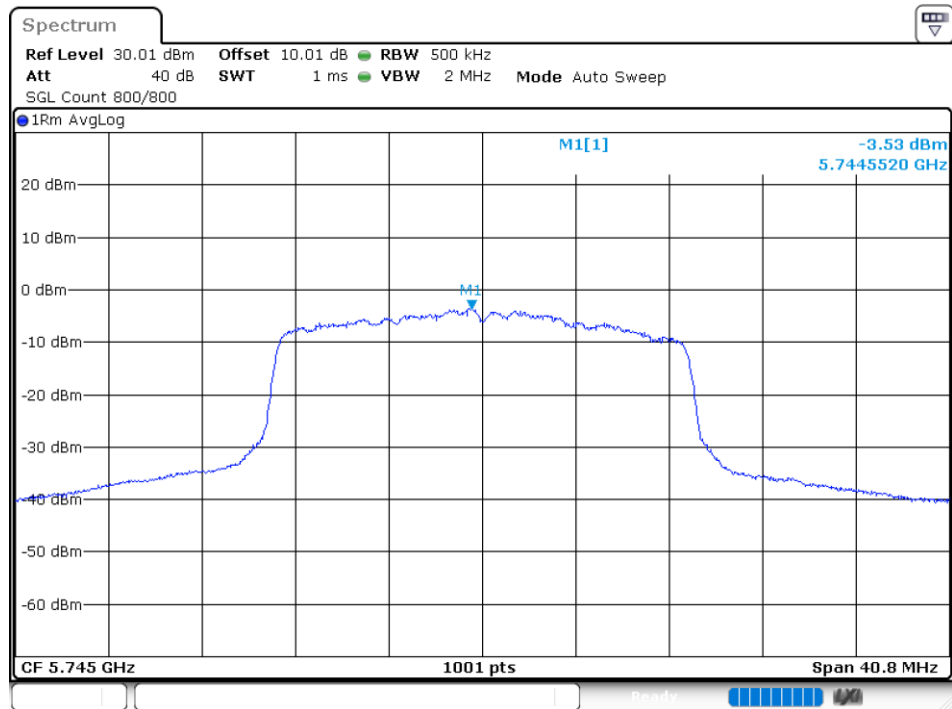
PSD NVNT 802.11ac40 5795MHz Ant1



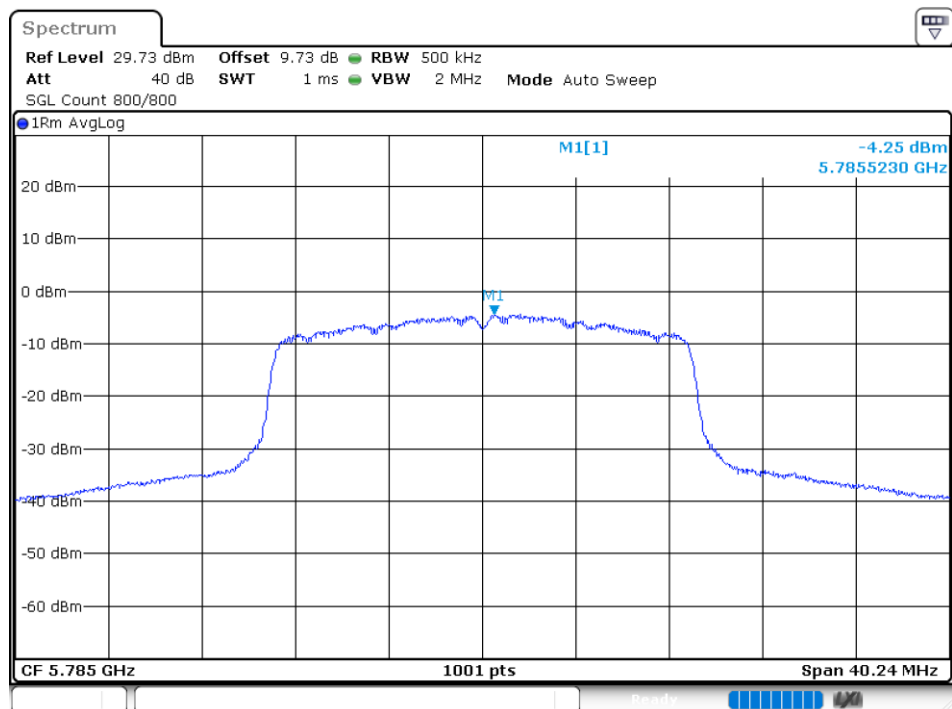
PSD NVNT 802.11ac80 5775MHz Ant1



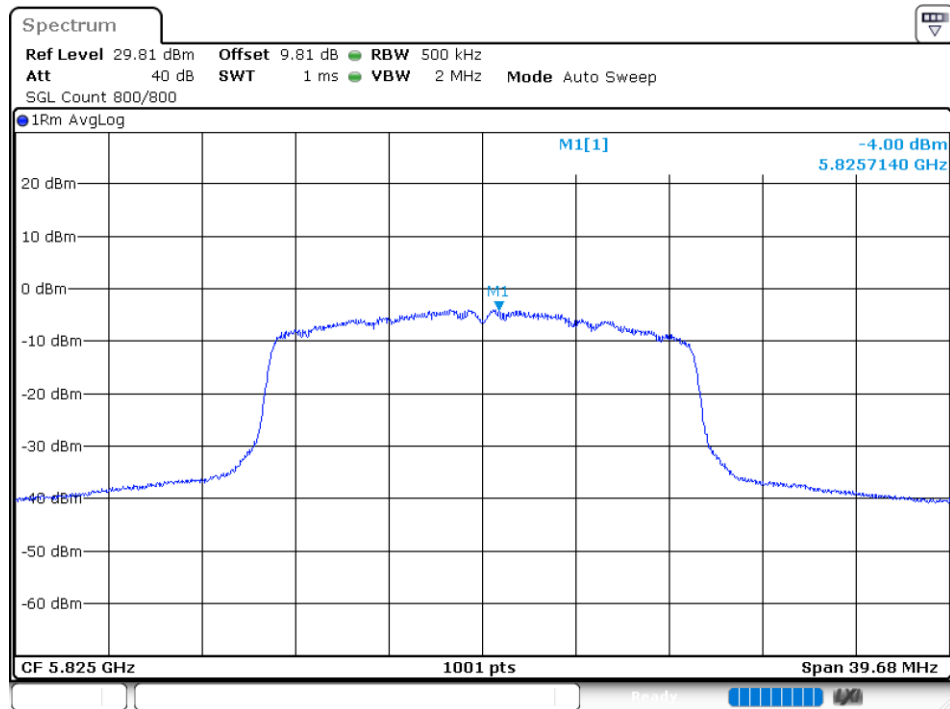
PSD NVNT 802.11n(HT20) 5745MHz Ant1



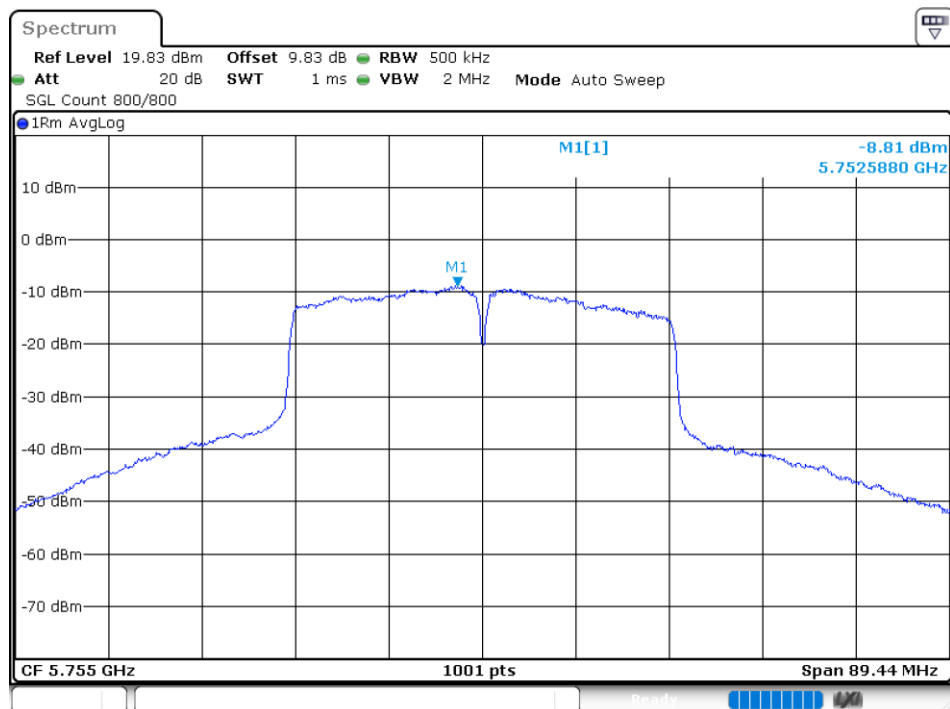
PSD NVNT 802.11n(HT20) 5785MHz Ant1



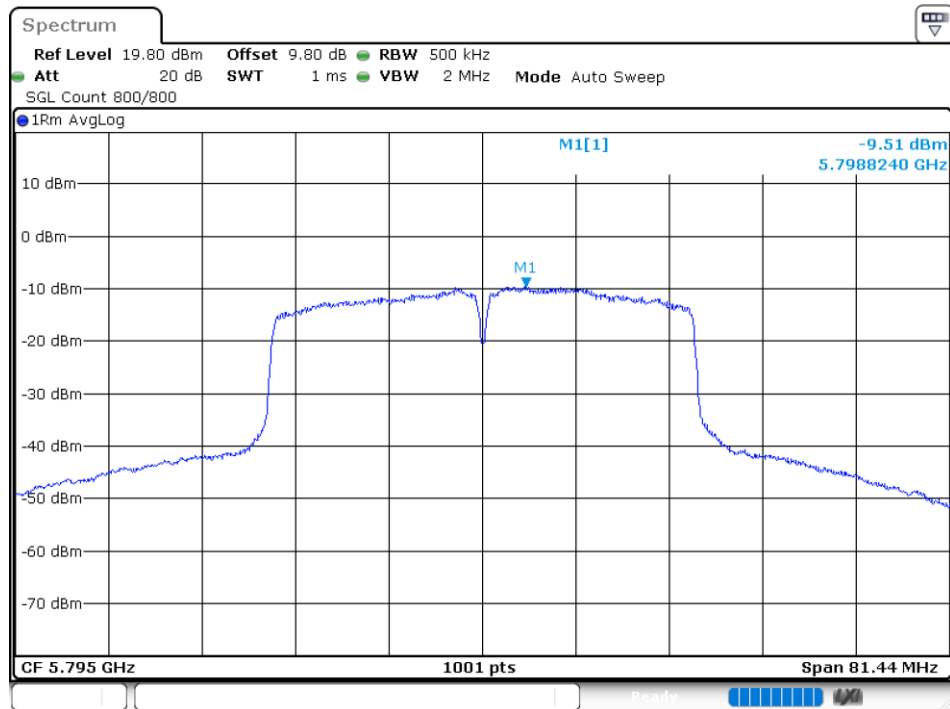
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



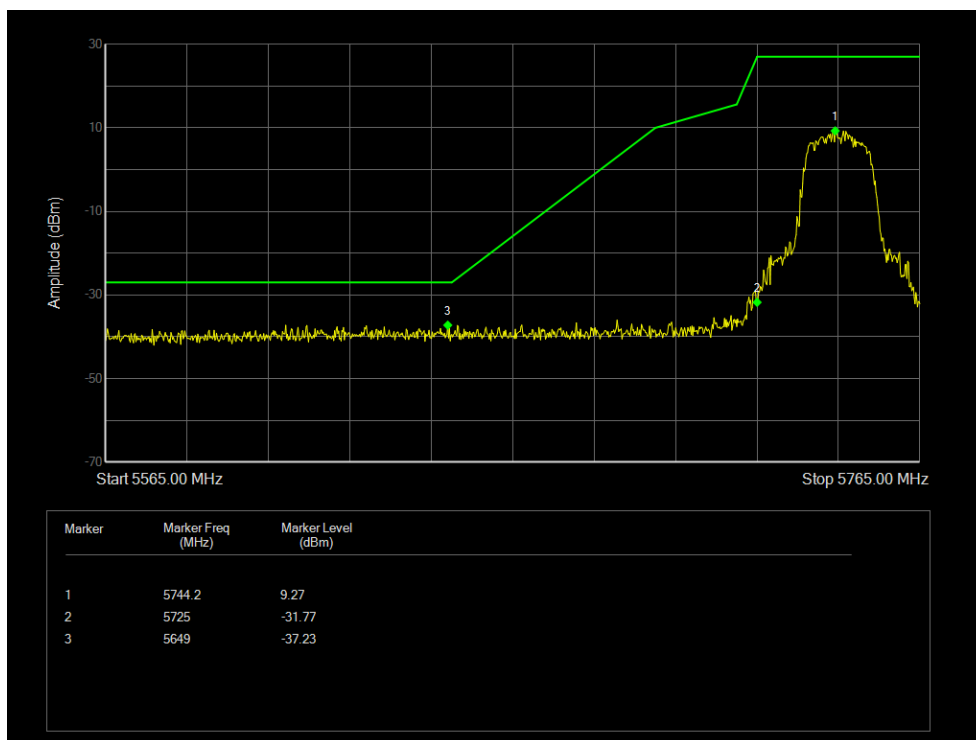
PSD NVNT 802.11n(HT40) 5795MHz Ant1



## Band Edge

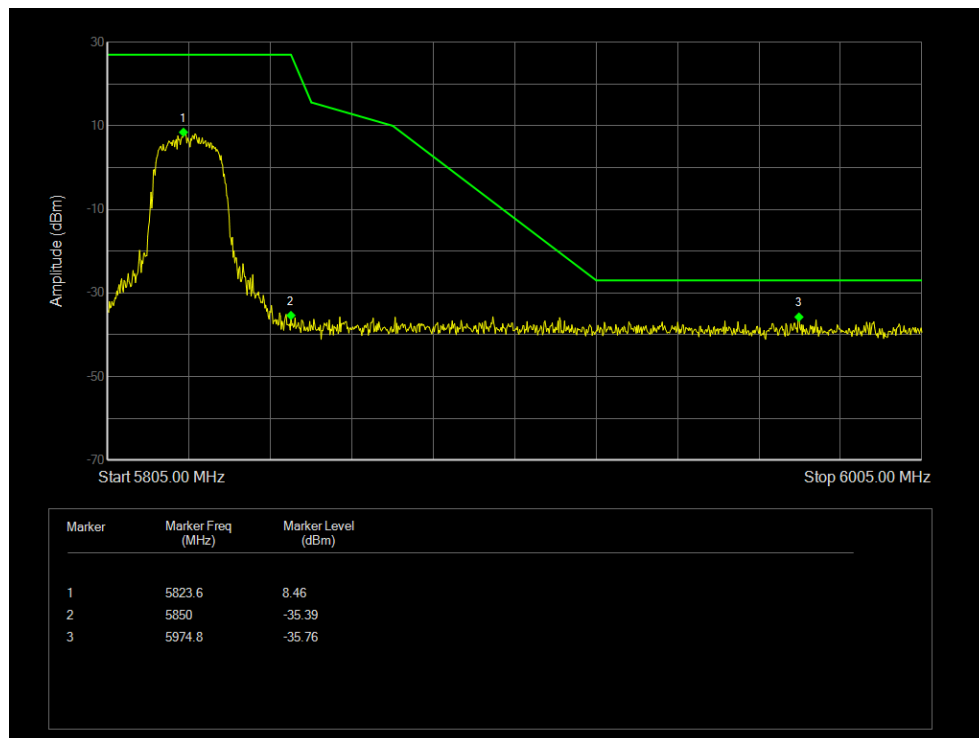
| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11a       | 5745            | Ant 1   | -37.23          | -27         | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 1   | -35.76          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 1   | -37.37          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | -35.35          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | -36.69          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | -36.49          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -38.22          | -4.35       | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -38.01          | -23.15      | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | -36.73          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | -36.33          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | -36.66          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | -36.8           | -27         | Pass    |

Band Edge NVNT 802.11a 5745MHz Low Ant1

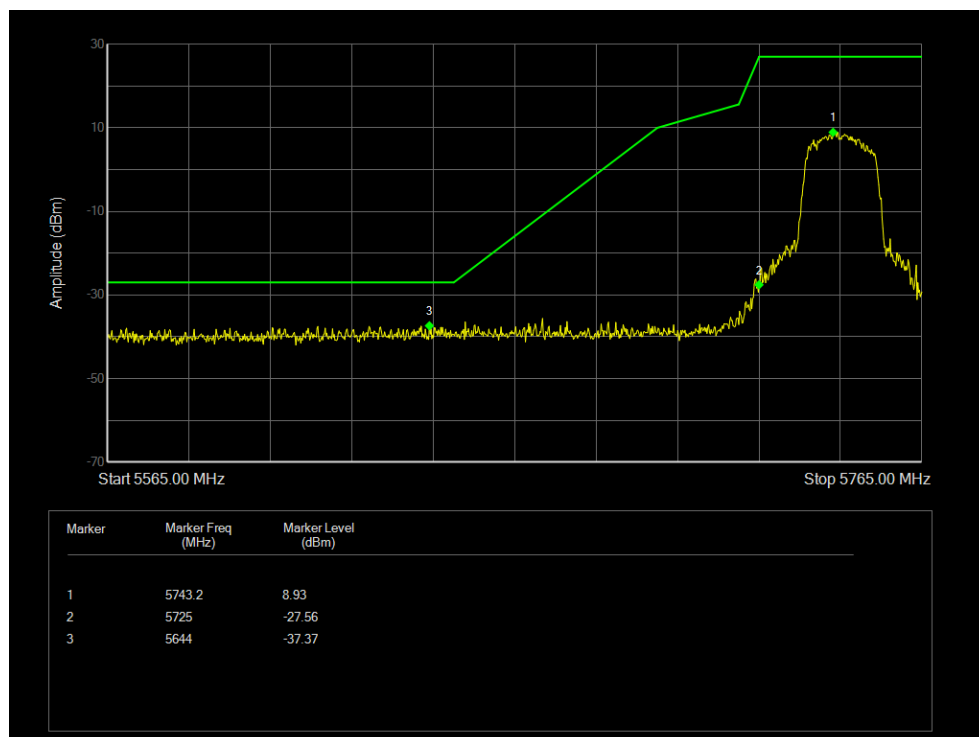




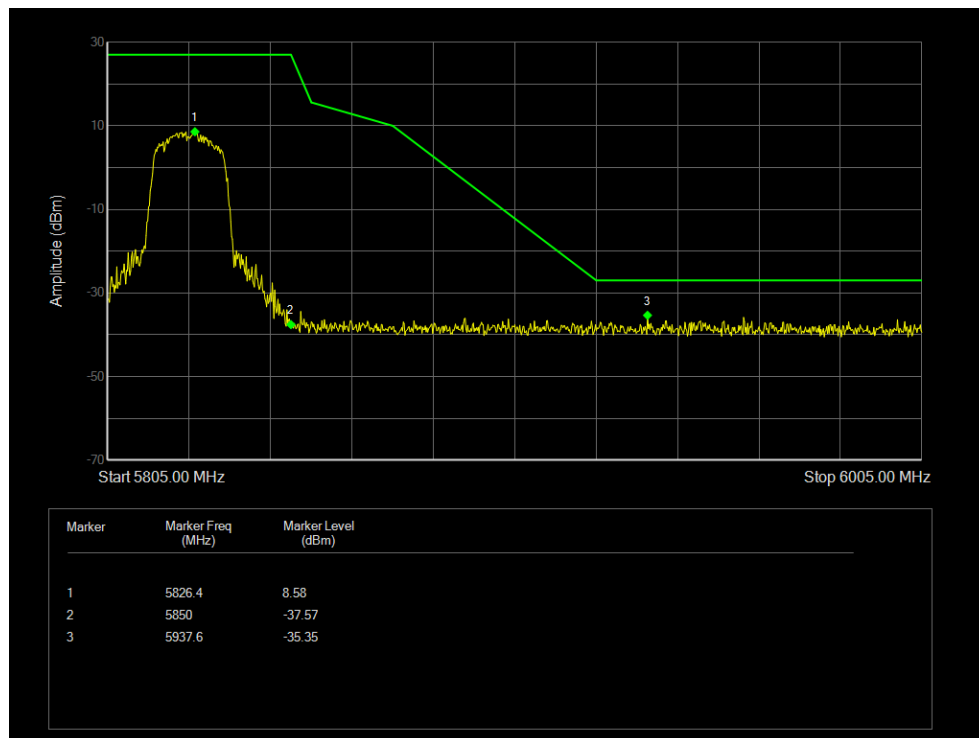
Band Edge NVNT 802.11a 5825MHz High Ant1



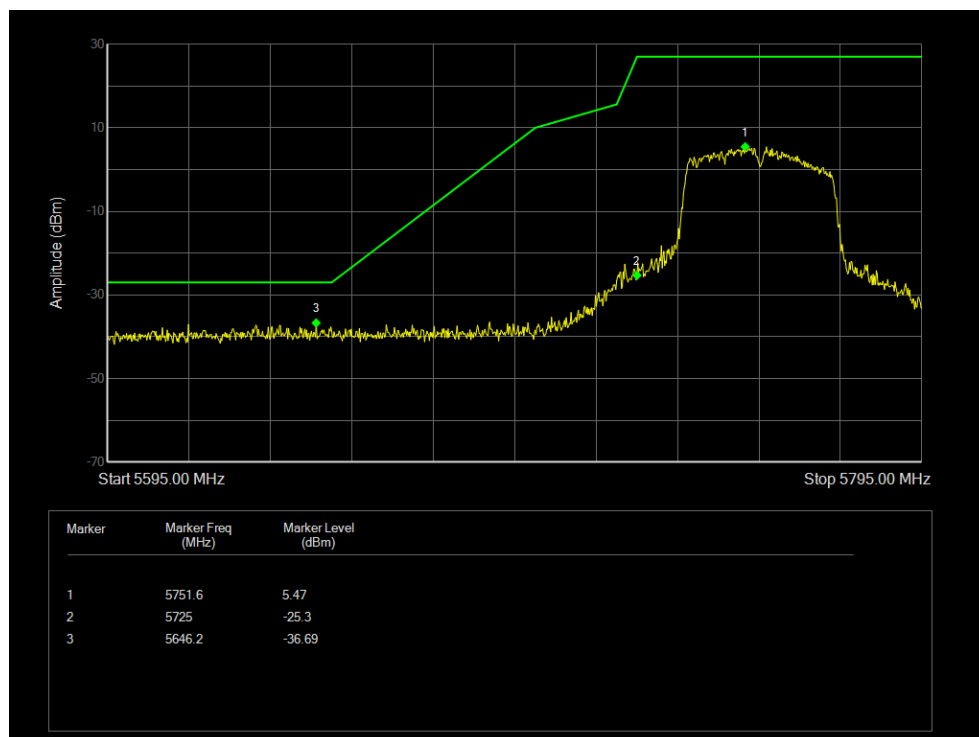
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



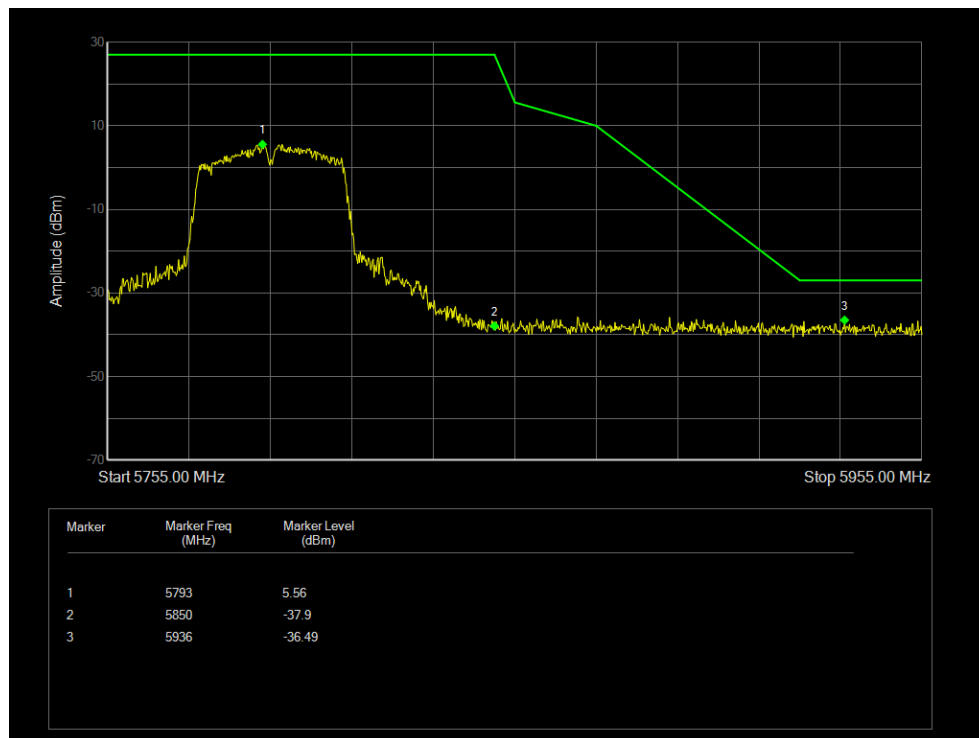
Band Edge NVNT 802.11ac20 5825MHz High Ant1



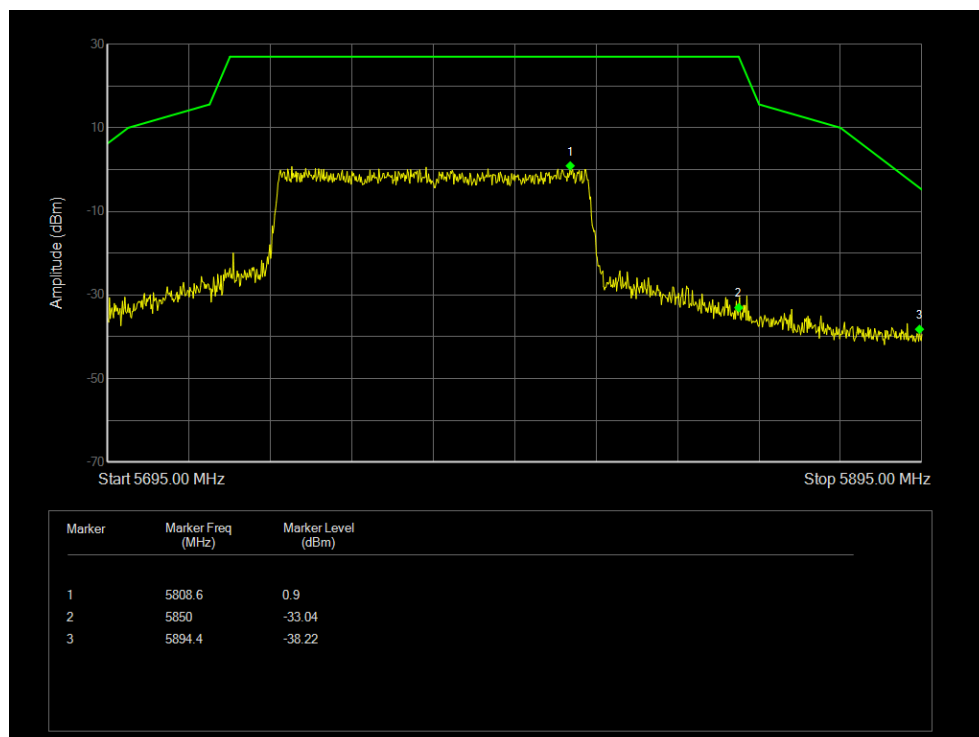
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



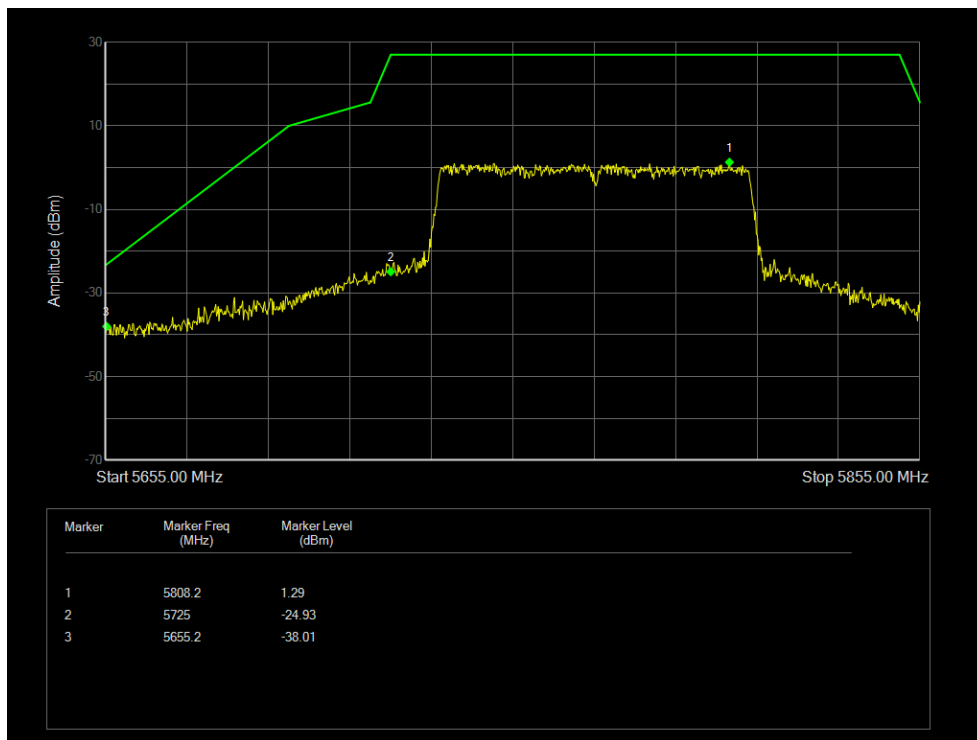
Band Edge NVNT 802.11ac40 5795MHz High Ant1



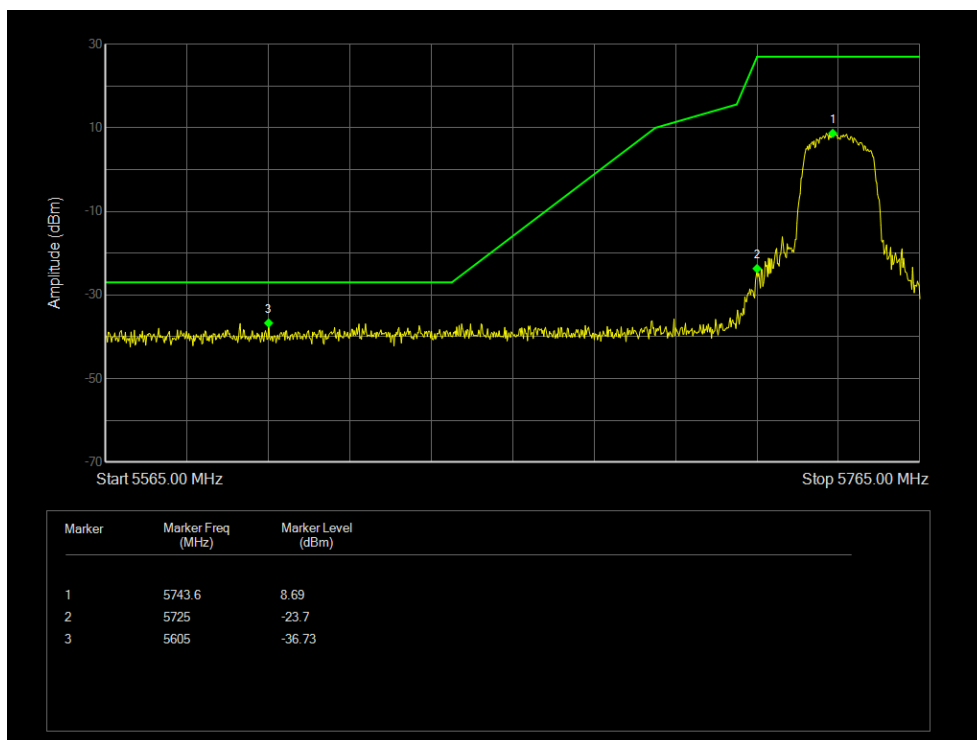
Band Edge NVNT 802.11ac80 5775MHz High Ant1



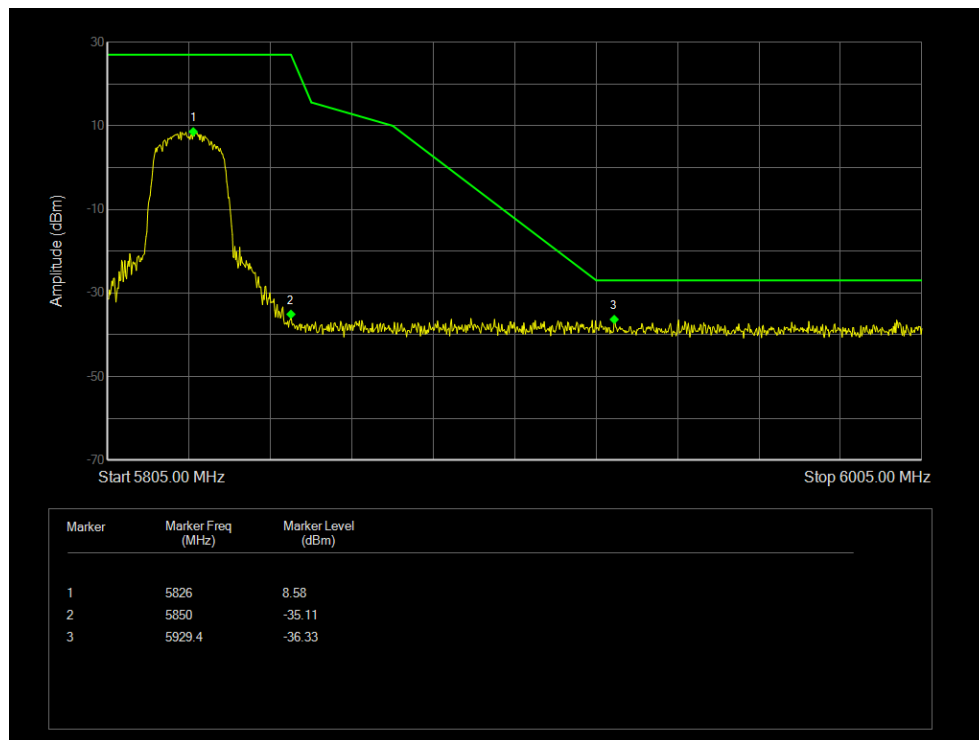
Band Edge NVNT 802.11ac80 5775MHz Low Ant1



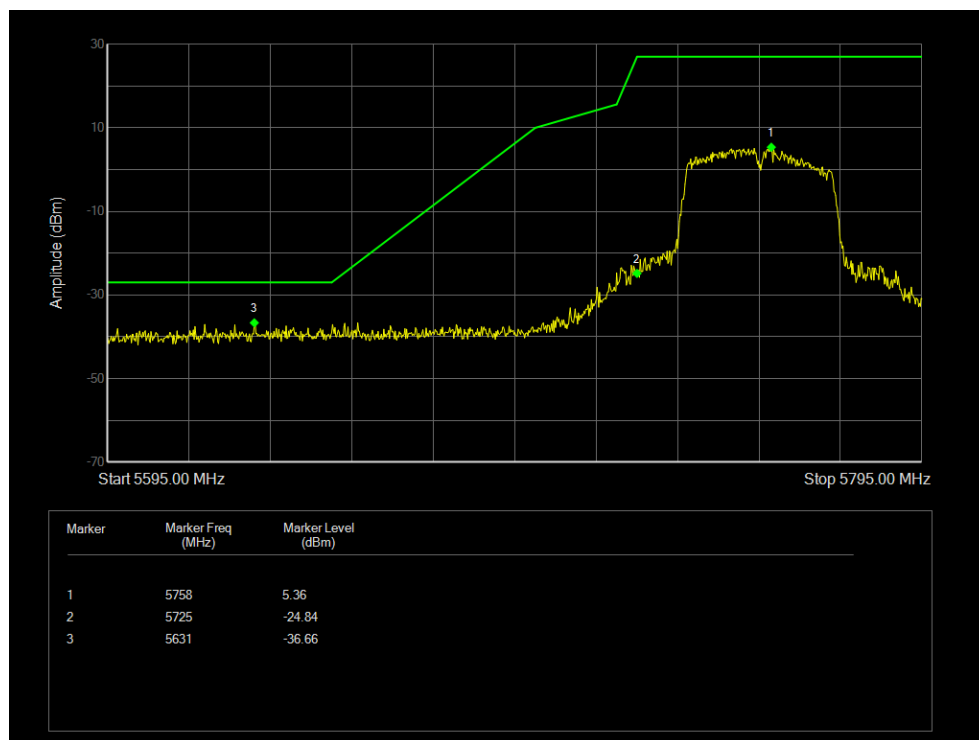
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



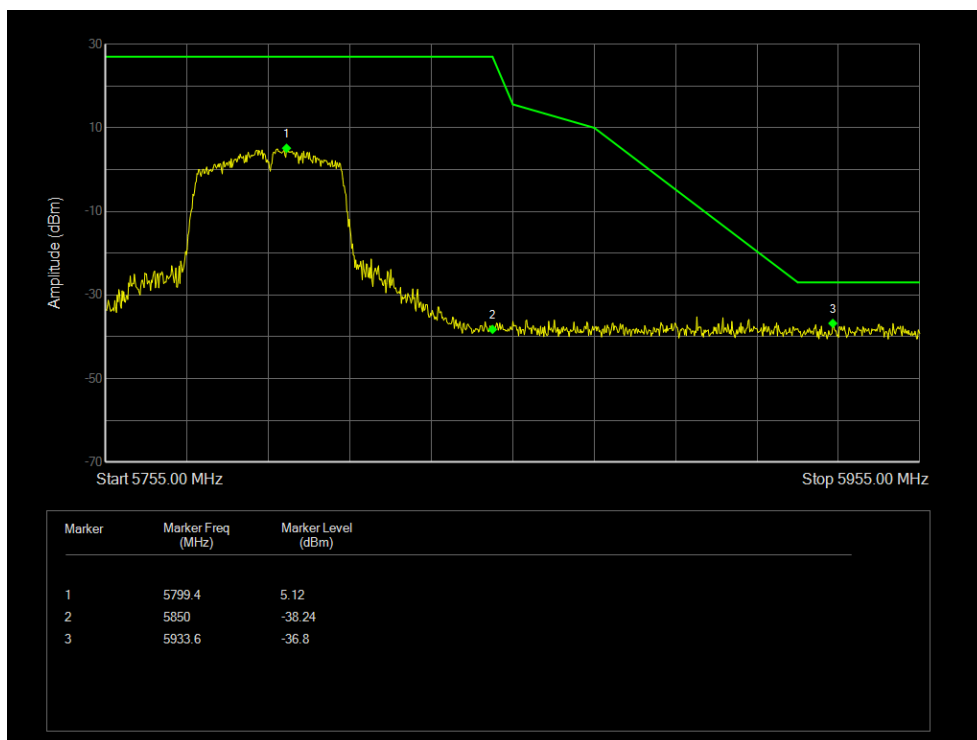
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant1



Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant1



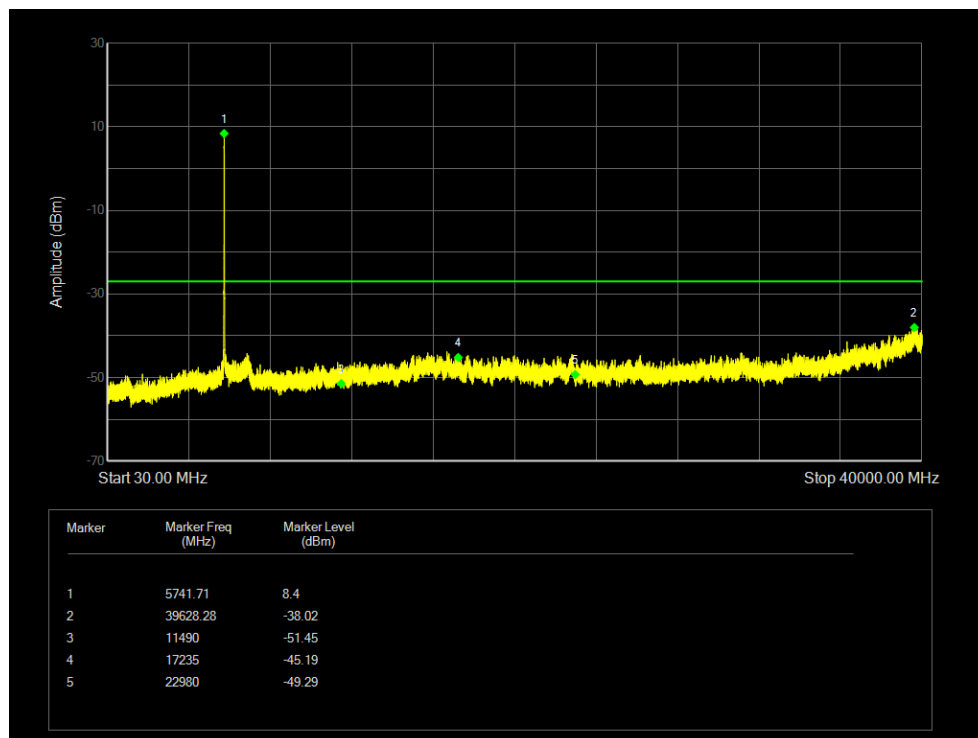
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



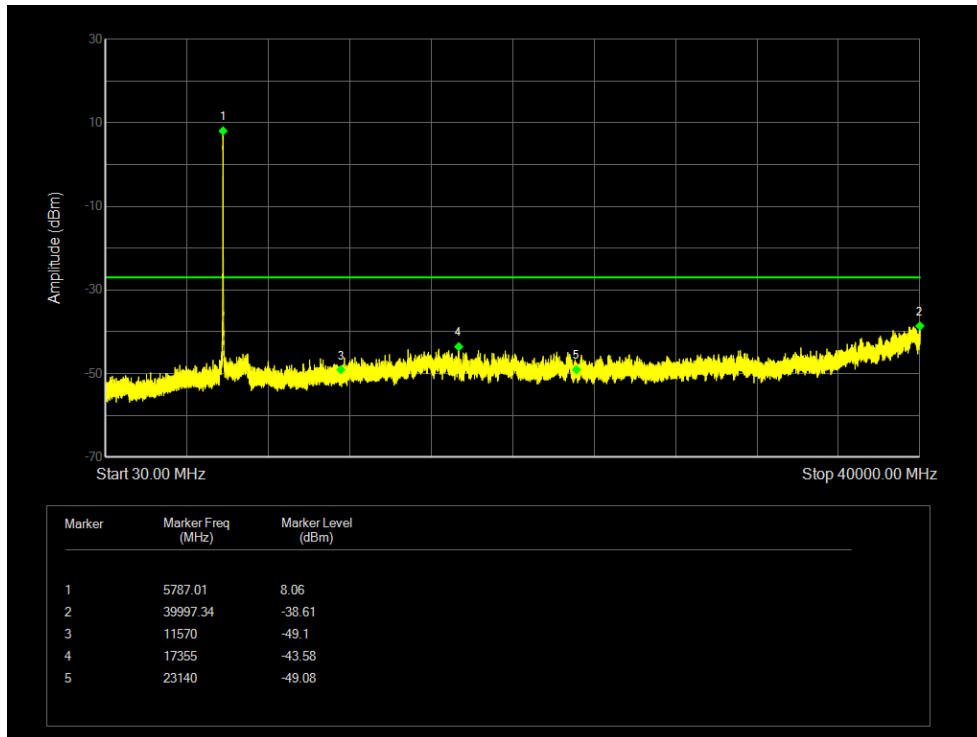
## Conducted RF Spurious Emission

| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11a       | 5745            | Ant 1   | -38.02          | -27         | Pass    |
| NVNT      | 802.11a       | 5785            | Ant 1   | -38.61          | -27         | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 1   | -38.06          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 1   | -37.56          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | -37.23          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | -46.94          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | -38.07          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | -36.97          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -37.94          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | -37.28          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | -37.48          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | -38.05          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | -36.81          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | -37.1           | -27         | Pass    |

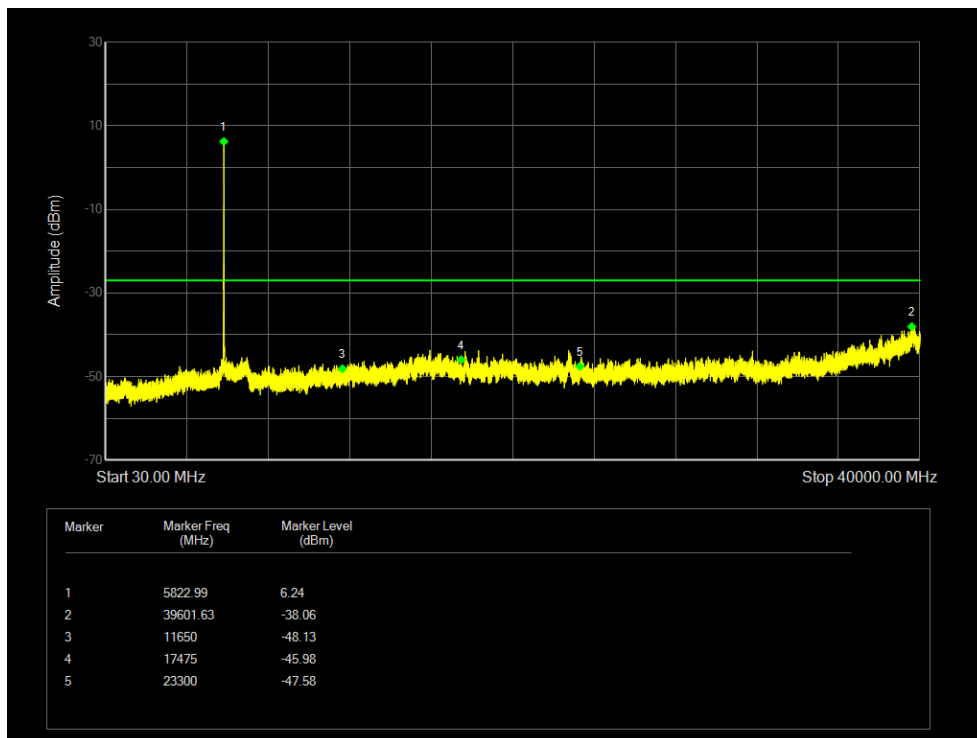
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission

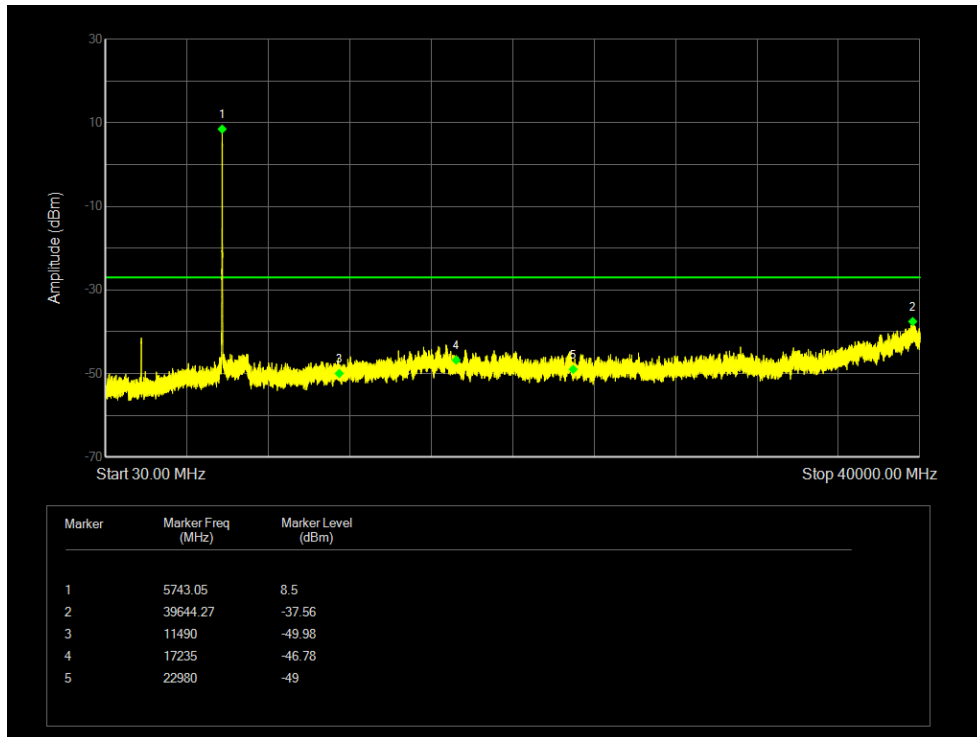


Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission

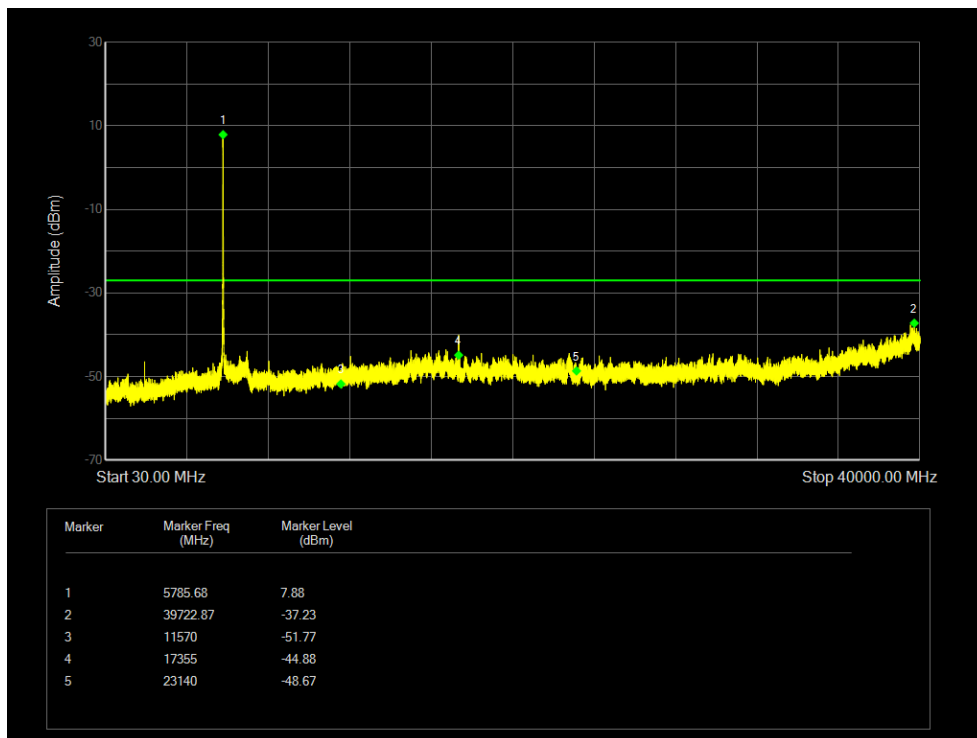




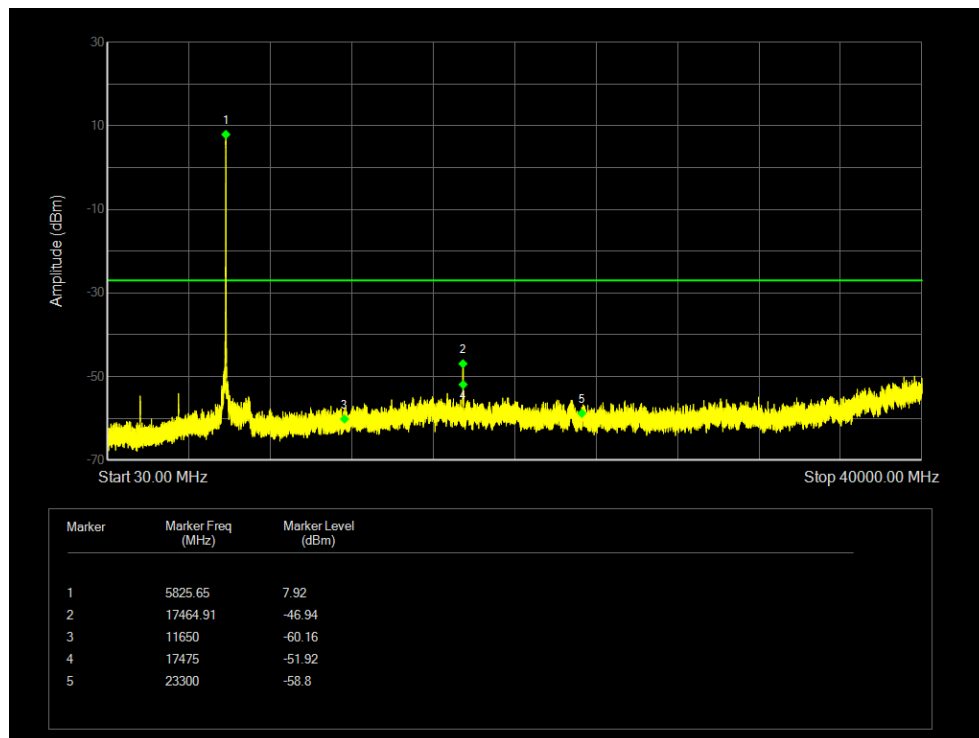
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



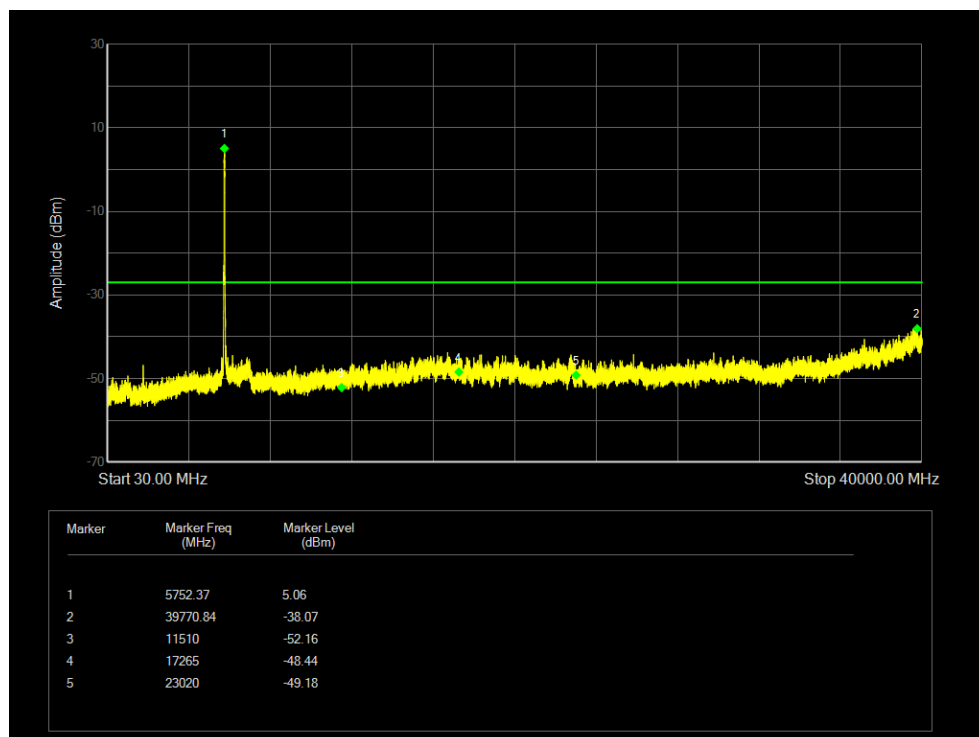
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



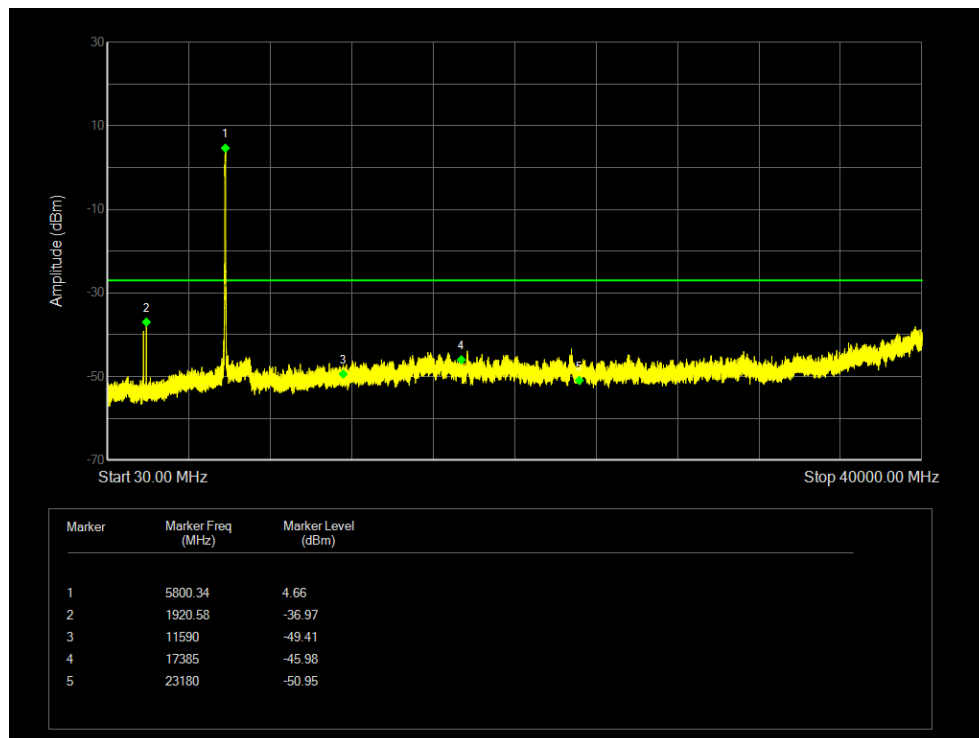
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



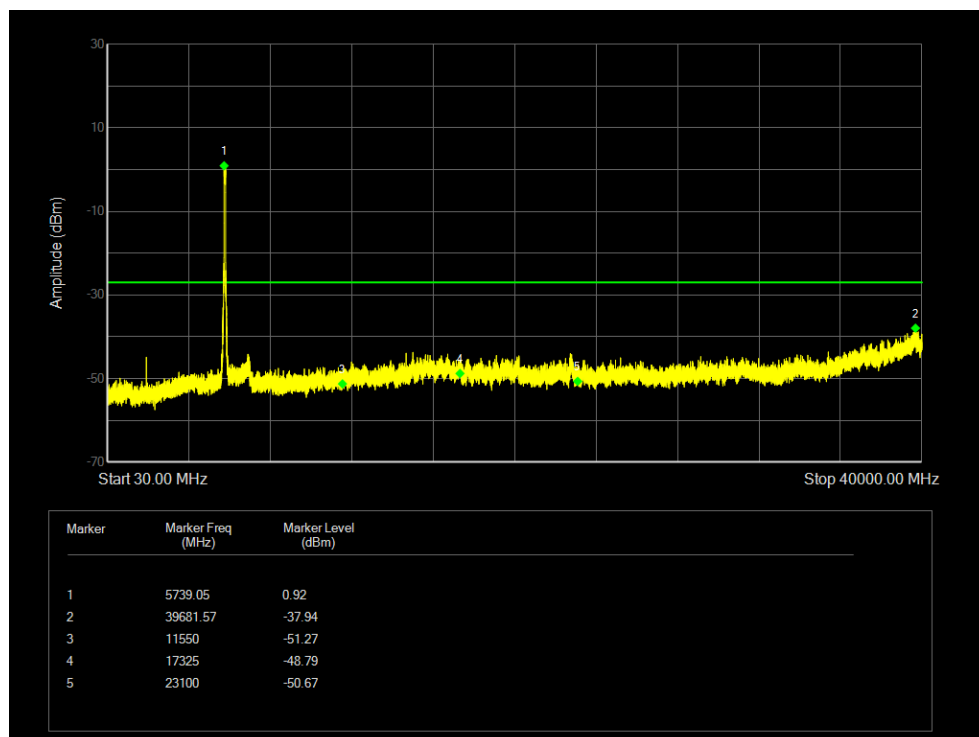
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



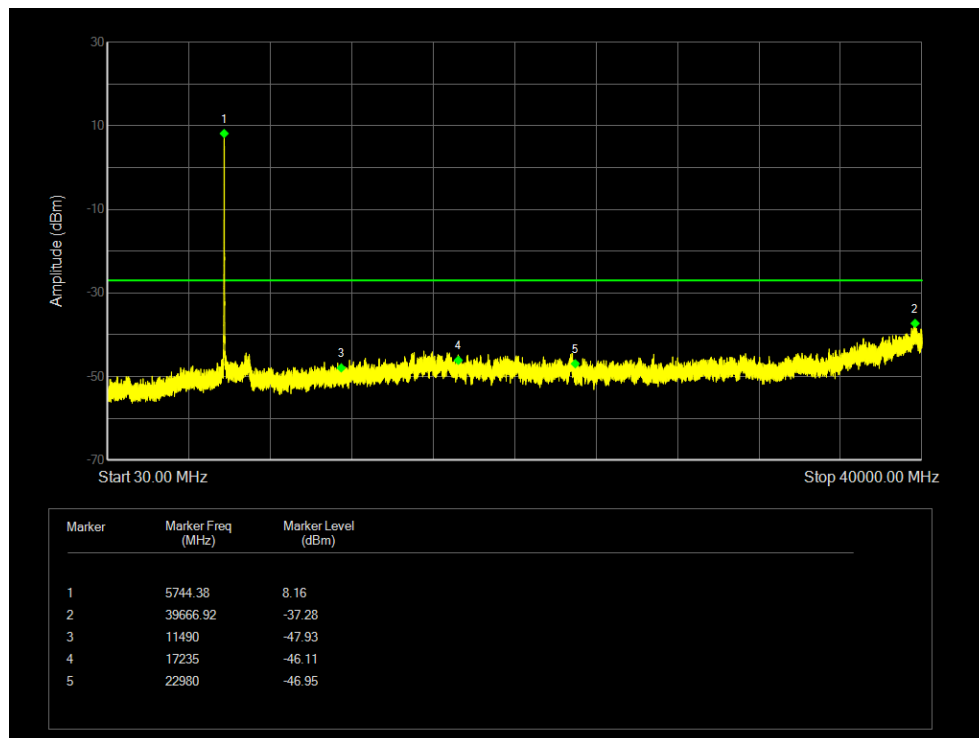
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



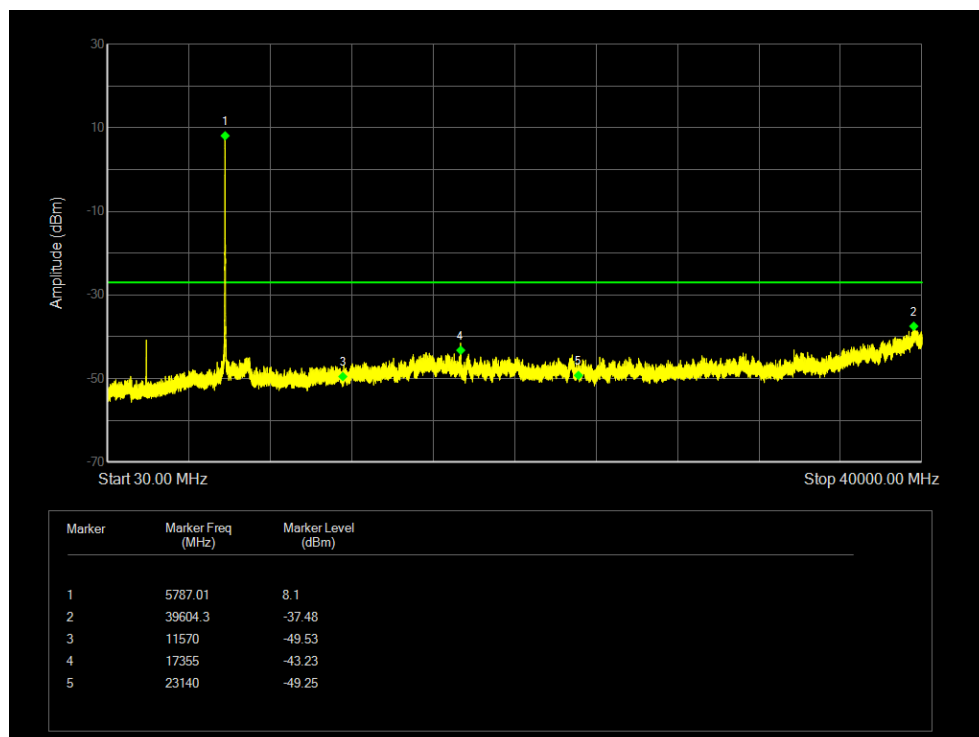
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



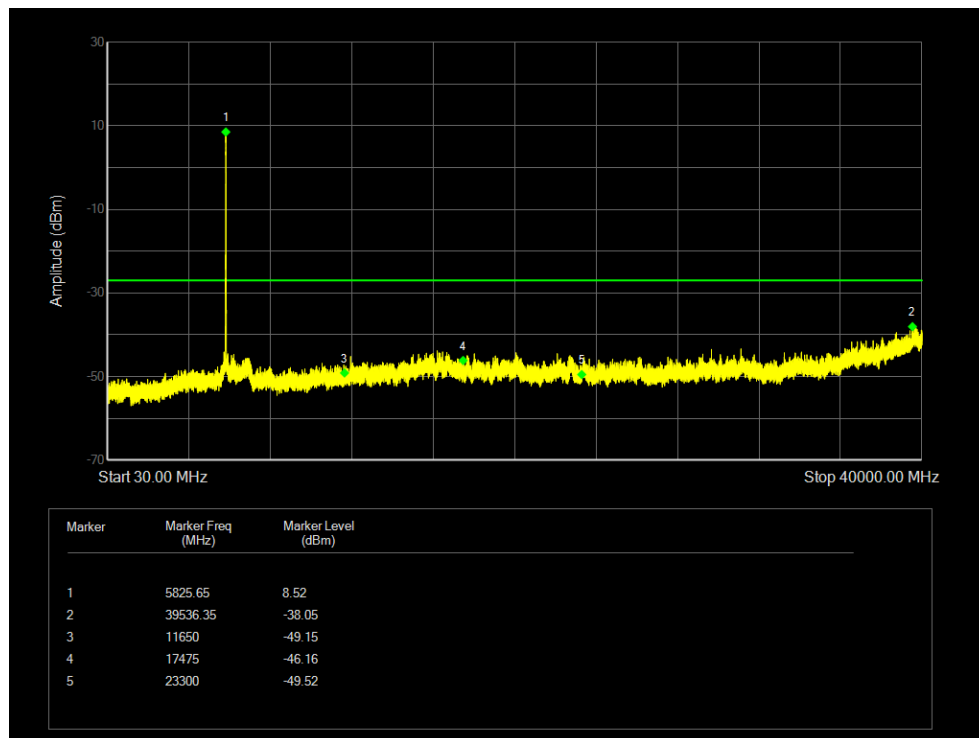
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



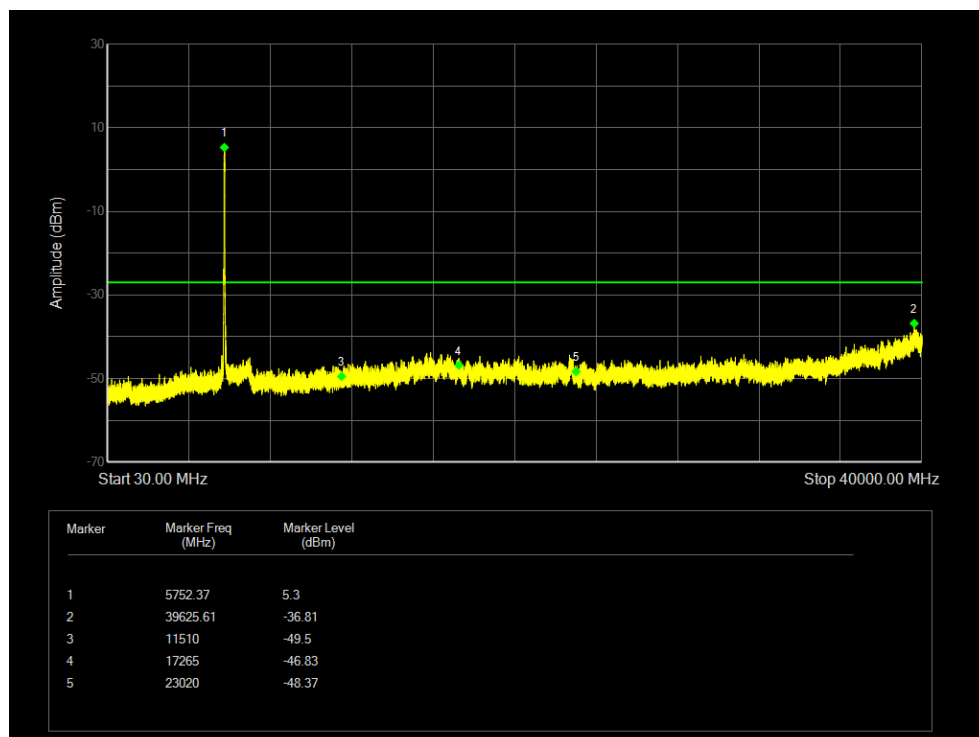
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant1 Emission

