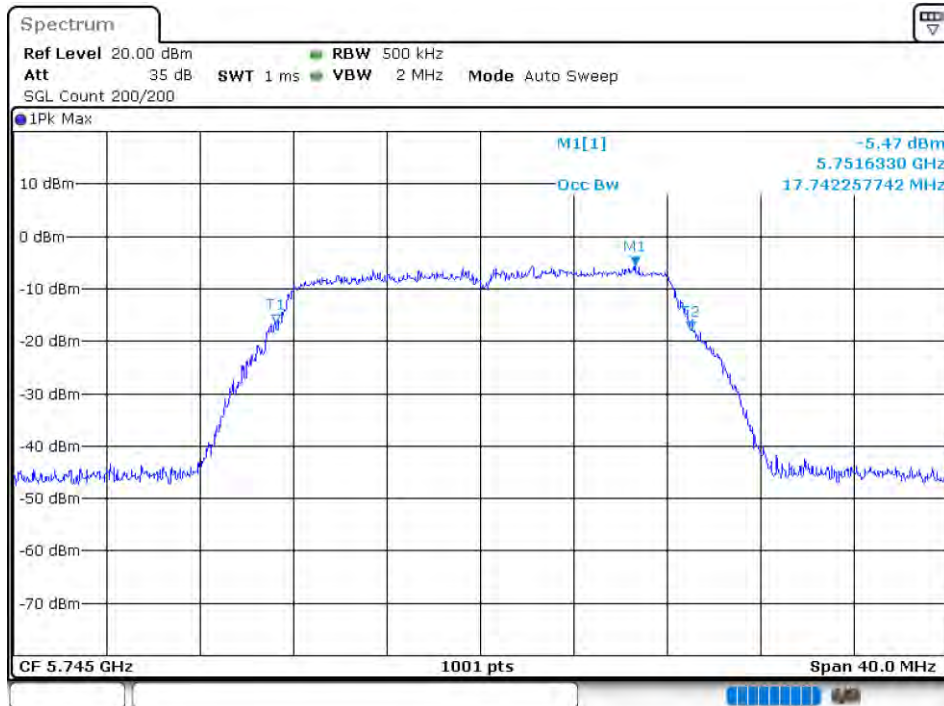


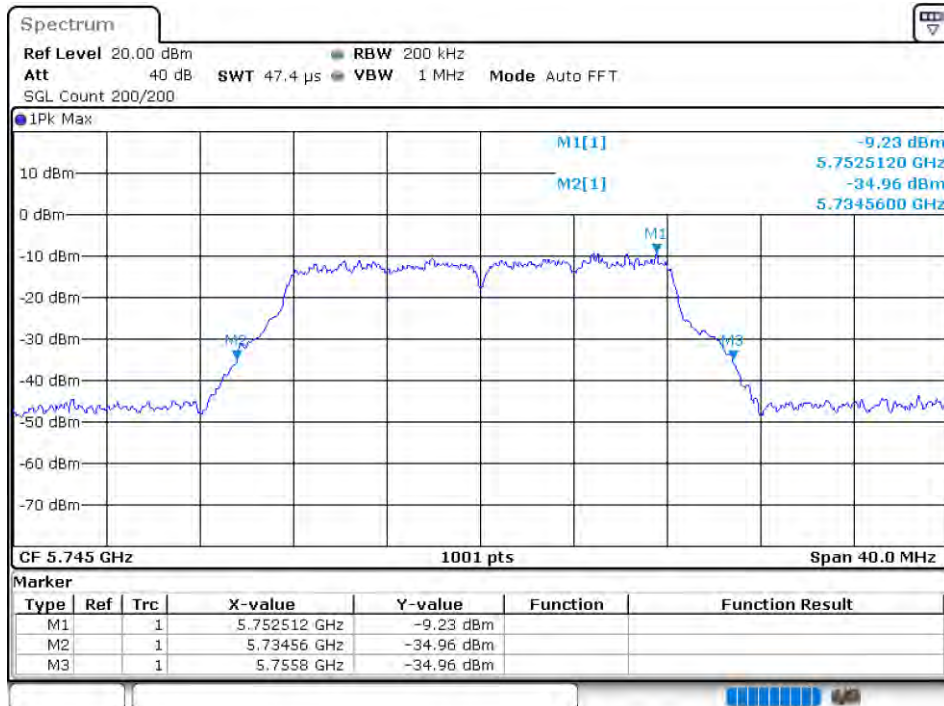
## Occupied Channel Bandwidth

| 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   | 17.7423          | 21.24                     | 0.5                             | Pass    |
| NVNT      | 802.11a       | 5785               | Ant 1   | 17.7822          | 21.48                     | 0.5                             | Pass    |
| NVNT      | 802.11a       | 5825               | Ant 1   | 17.7822          | 21.28                     | 0.5                             | Pass    |
| NVNT      | 802.11a       | 5745               | Ant 2   | 17.6623          | 21.56                     | 0.5                             | Pass    |
| NVNT      | 802.11a       | 5785               | Ant 2   | 17.7023          | 21.4                      | 0.5                             | Pass    |
| NVNT      | 802.11a       | 5825               | Ant 2   | 17.7822          | 21.2                      | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5745               | Ant 1   | 18.1019          | 21.4                      | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5785               | Ant 1   | 18.2617          | 21.76                     | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5825               | Ant 1   | 18.1818          | 21.64                     | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5745               | Ant 2   | 18.1818          | 21.6                      | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5785               | Ant 2   | 18.0619          | 21.72                     | 0.5                             | Pass    |
| NVNT      | 802.11ac20    | 5825               | Ant 2   | 18.022           | 22.08                     | 0.5                             | Pass    |
| NVNT      | 802.11ac40    | 5755               | Ant 1   | 36.2837          | 39.92                     | 0.5                             | Pass    |
| NVNT      | 802.11ac40    | 5795               | Ant 1   | 36.5235          | 40.32                     | 0.5                             | Pass    |
| NVNT      | 802.11ac40    | 5755               | Ant 2   | 36.2837          | 40                        | 0.5                             | Pass    |
| NVNT      | 802.11ac40    | 5795               | Ant 2   | 36.4436          | 40.16                     | 0.5                             | Pass    |
| NVNT      | 802.11ac80    | 5775               | Ant 1   | 75.6044          | 81.92                     | 0.5                             | Pass    |
| NVNT      | 802.11ac80    | 5775               | Ant 2   | 75.7642          | 81.92                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5745               | Ant 1   | 18.2218          | 21.56                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5785               | Ant 1   | 18.1019          | 21.72                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5825               | Ant 1   | 18.0619          | 21.88                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5745               | Ant 2   | 18.2218          | 21.56                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5785               | Ant 2   | 18.1419          | 21.72                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT20) | 5825               | Ant 2   | 18.1818          | 21.48                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT40) | 5755               | Ant 1   | 36.2837          | 40                        | 0.5                             | Pass    |
| NVNT      | 802.11n(HT40) | 5795               | Ant 1   | 36.5235          | 40.48                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT40) | 5755               | Ant 2   | 36.2837          | 40.32                     | 0.5                             | Pass    |
| NVNT      | 802.11n(HT40) | 5795               | Ant 2   | 36.4436          | 40.56                     | 0.5                             | Pass    |

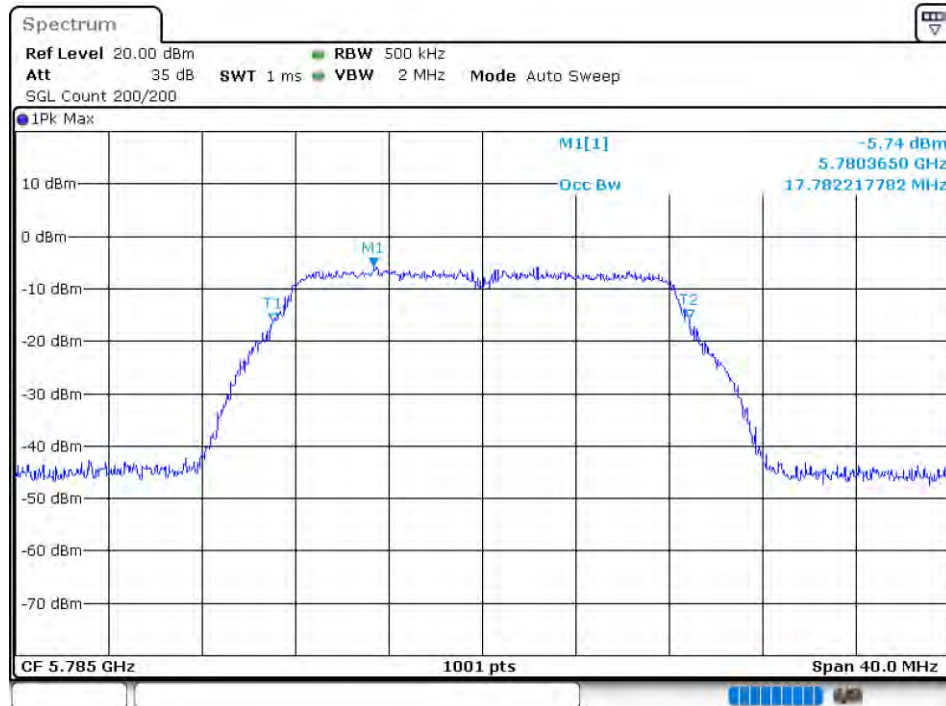
OBW NVNT 802.11a 5745MHz Ant 1



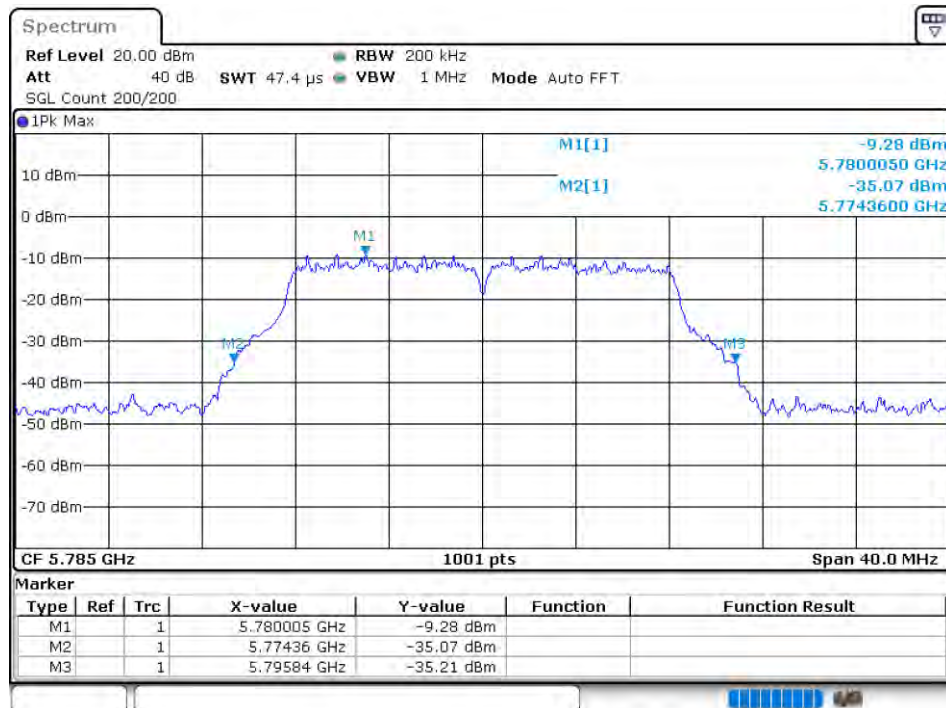
-26 dB BW NVNT 802.11a 5745MHz Ant 1



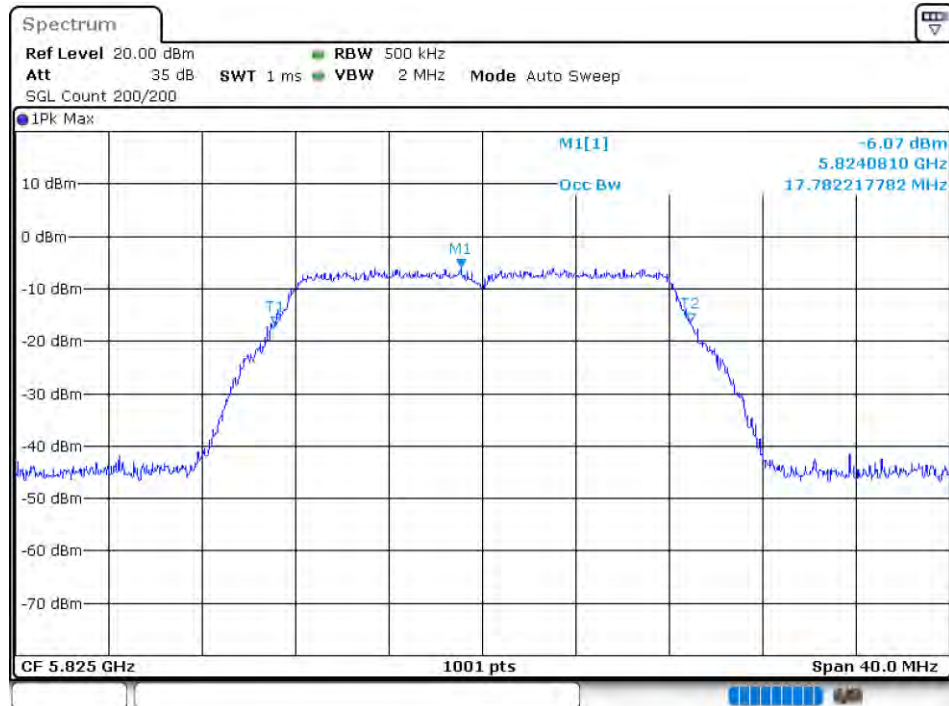
OBW NVNT 802.11a 5785MHz Ant 1



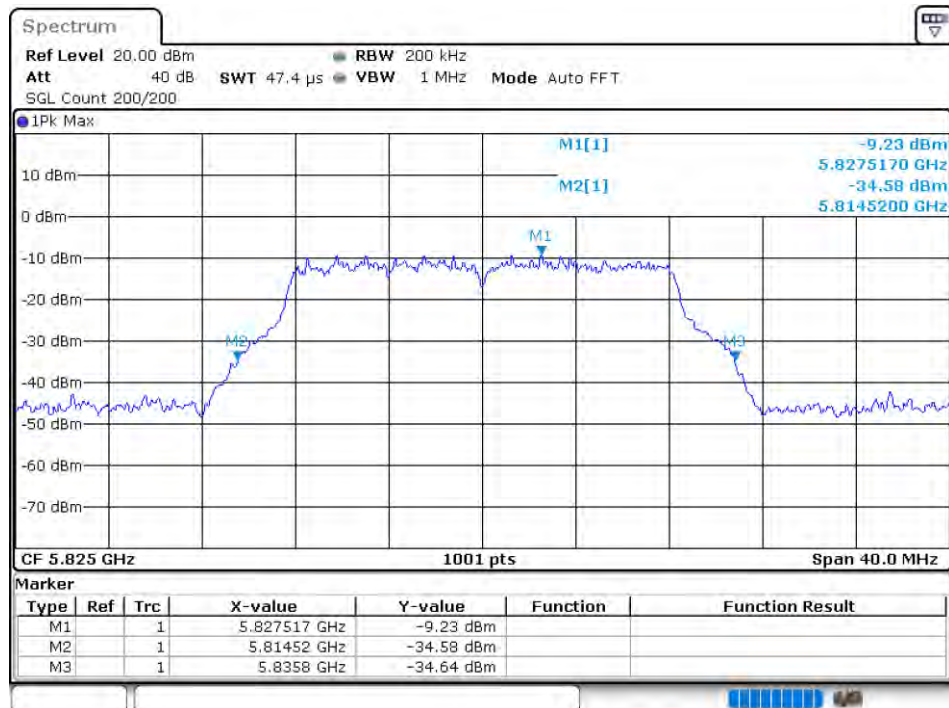
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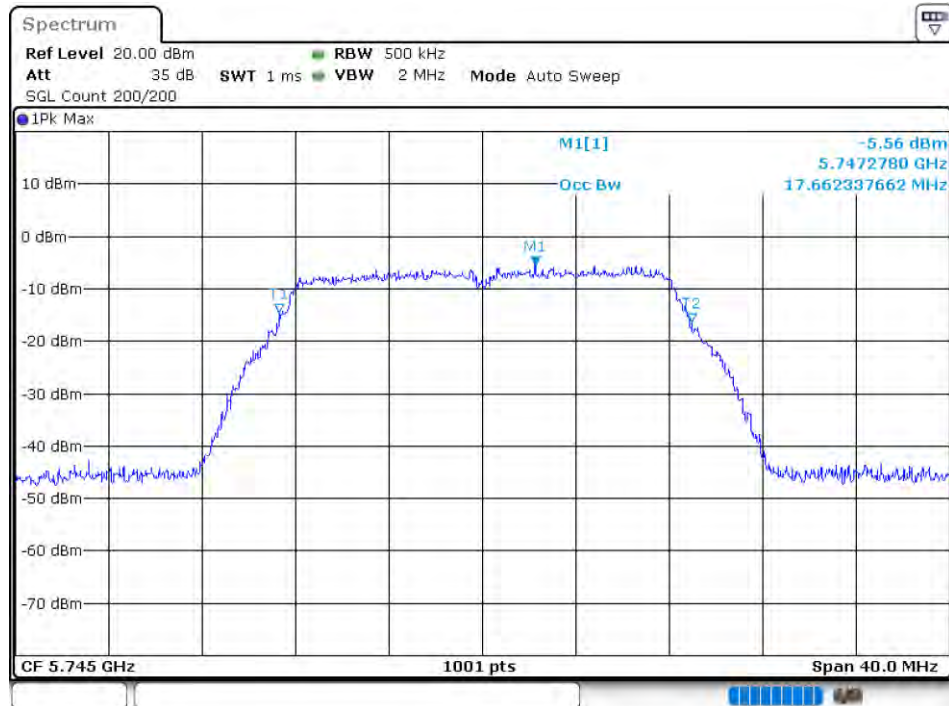
OBW NVNT 802.11a 5825MHz Ant 1



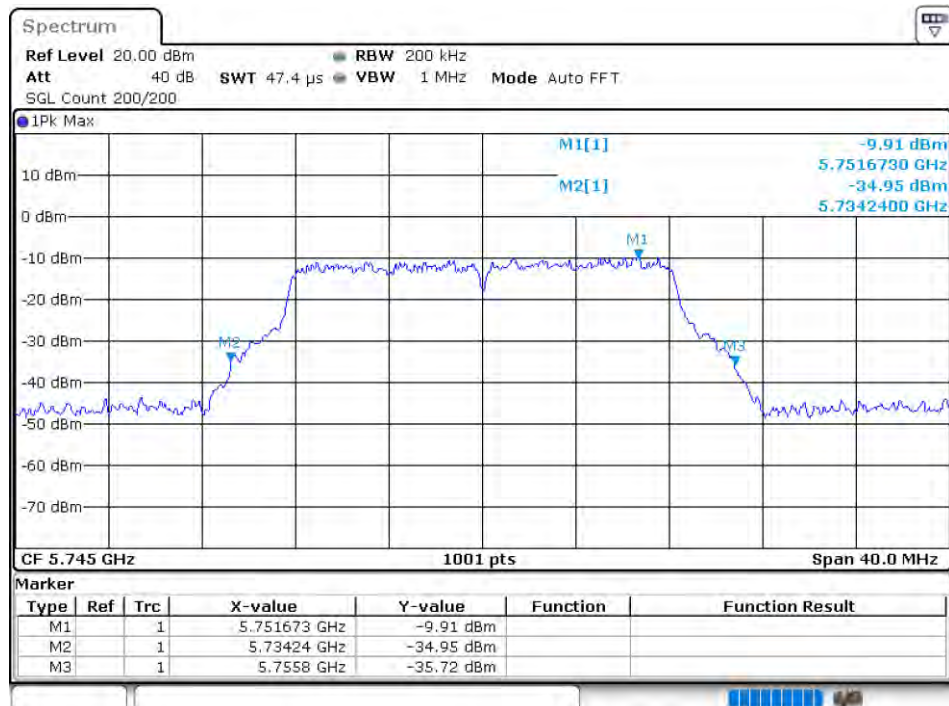
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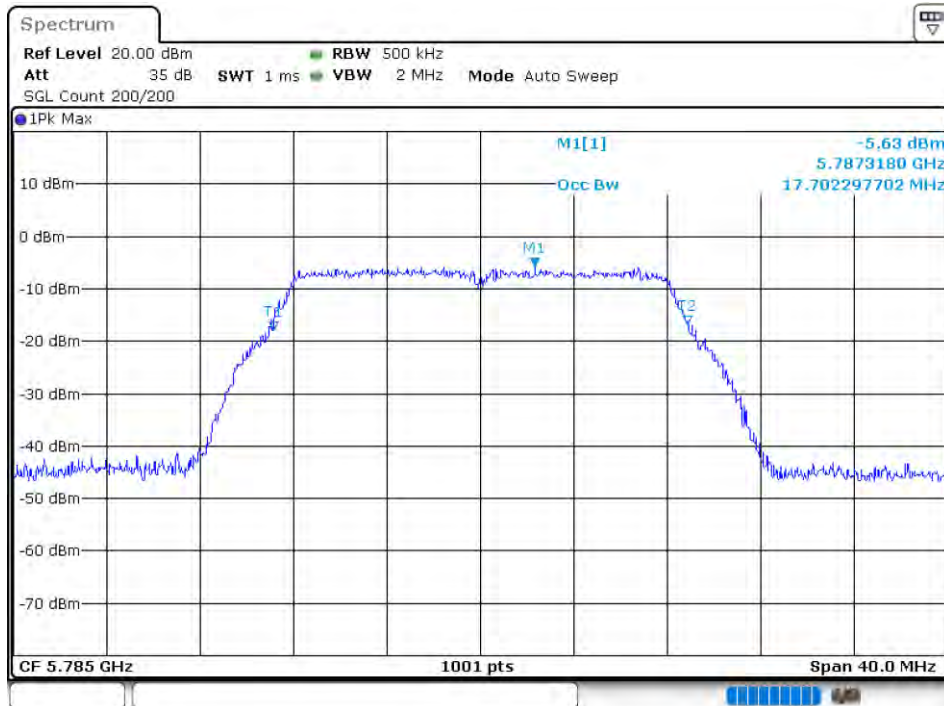
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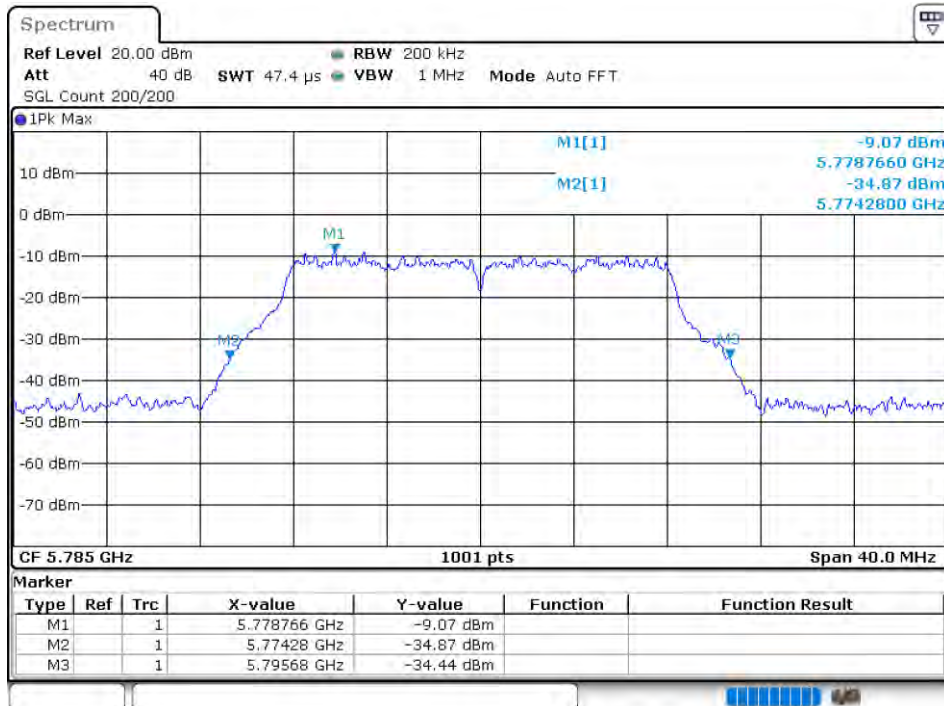
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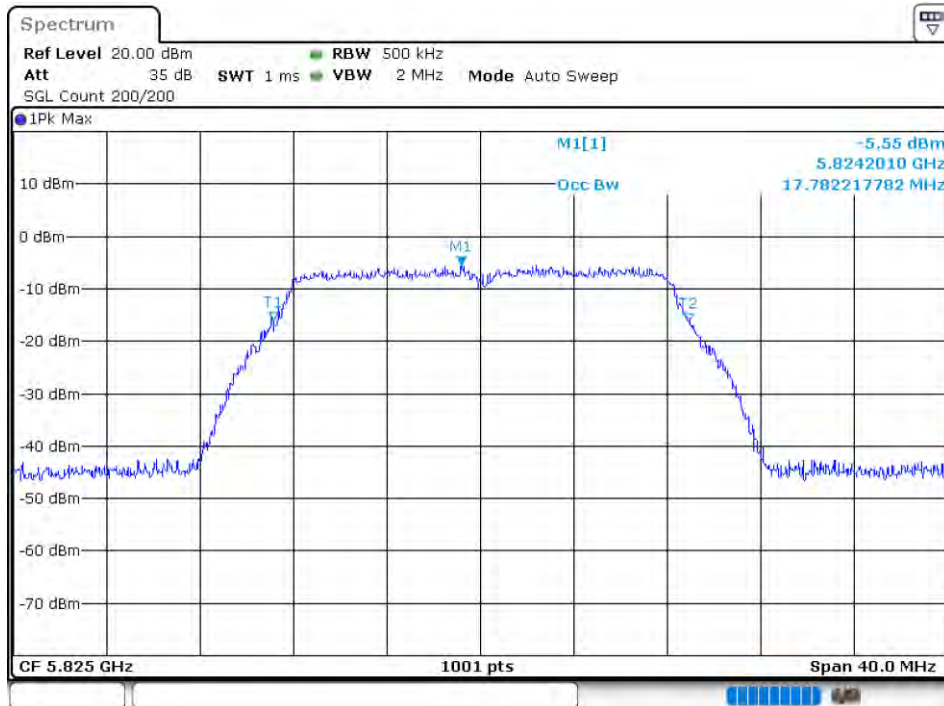
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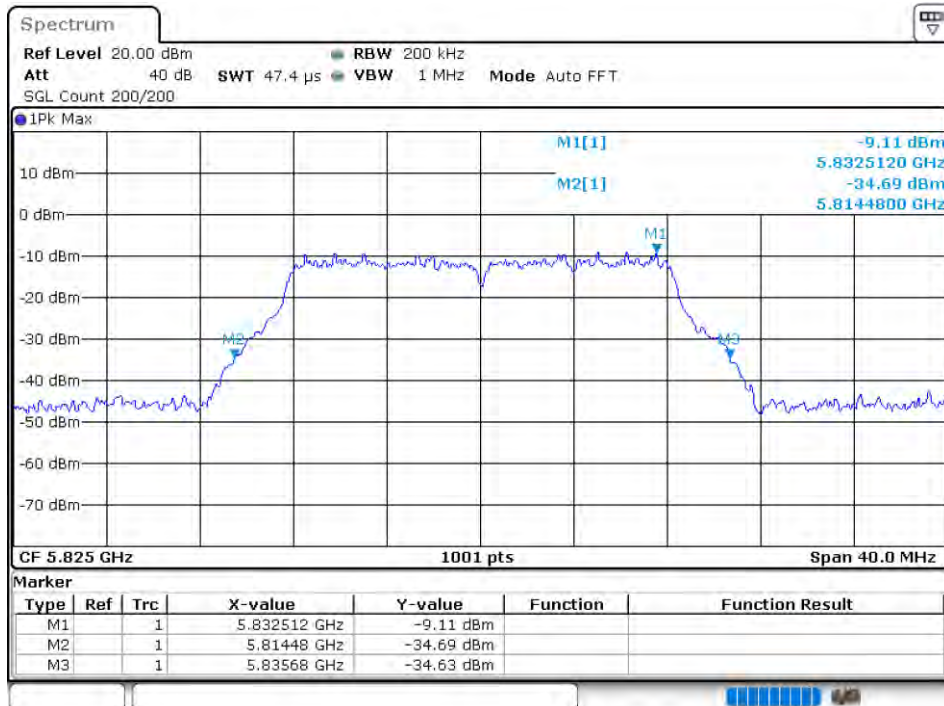
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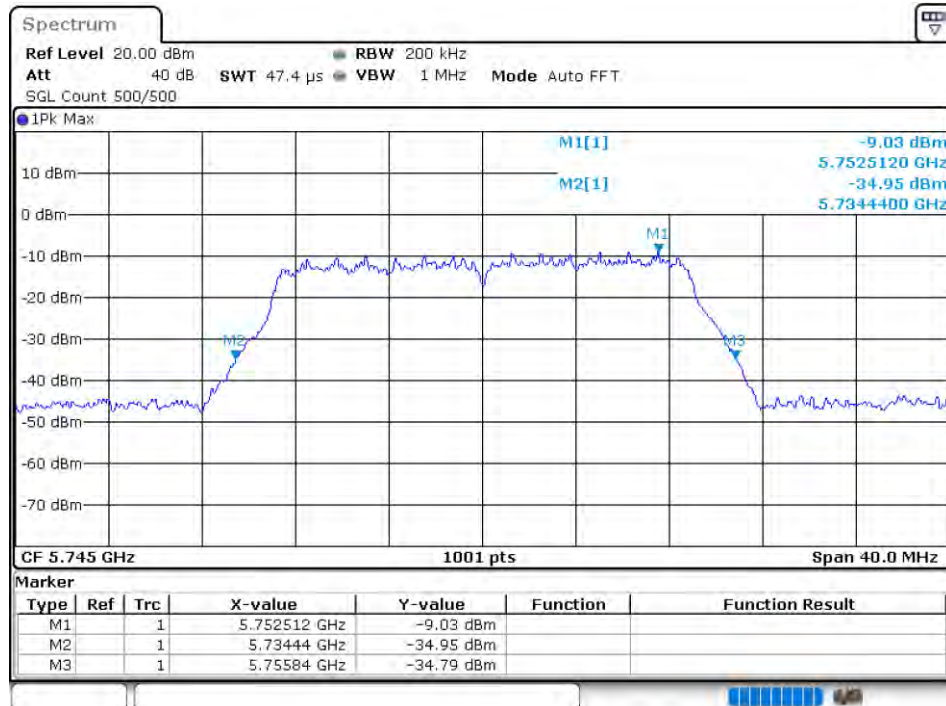
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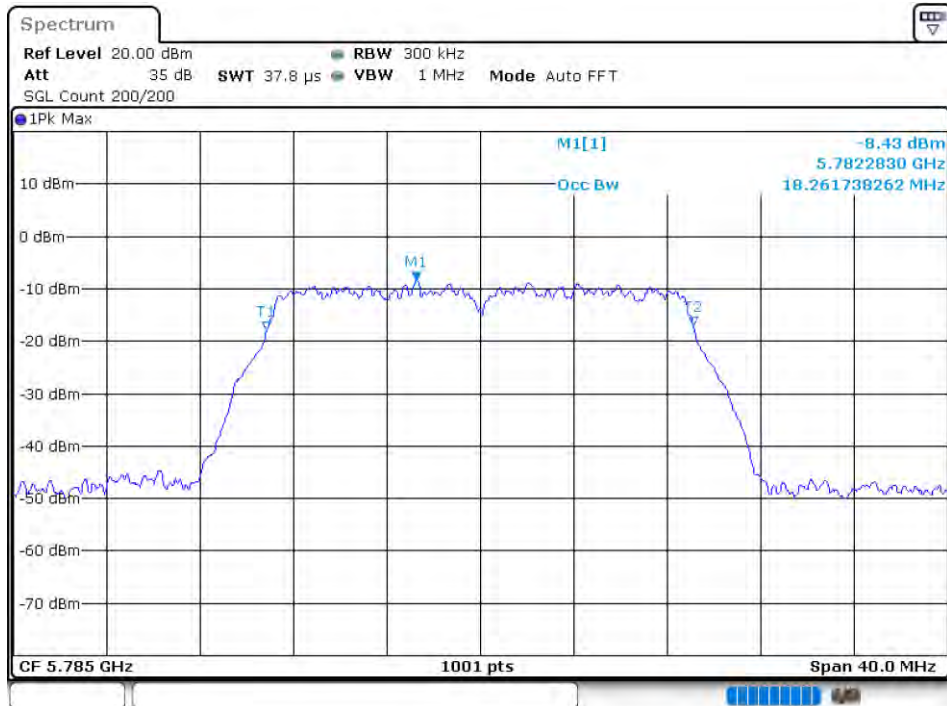
OBW NVNT 802.11ac20 5745MHz Ant 1



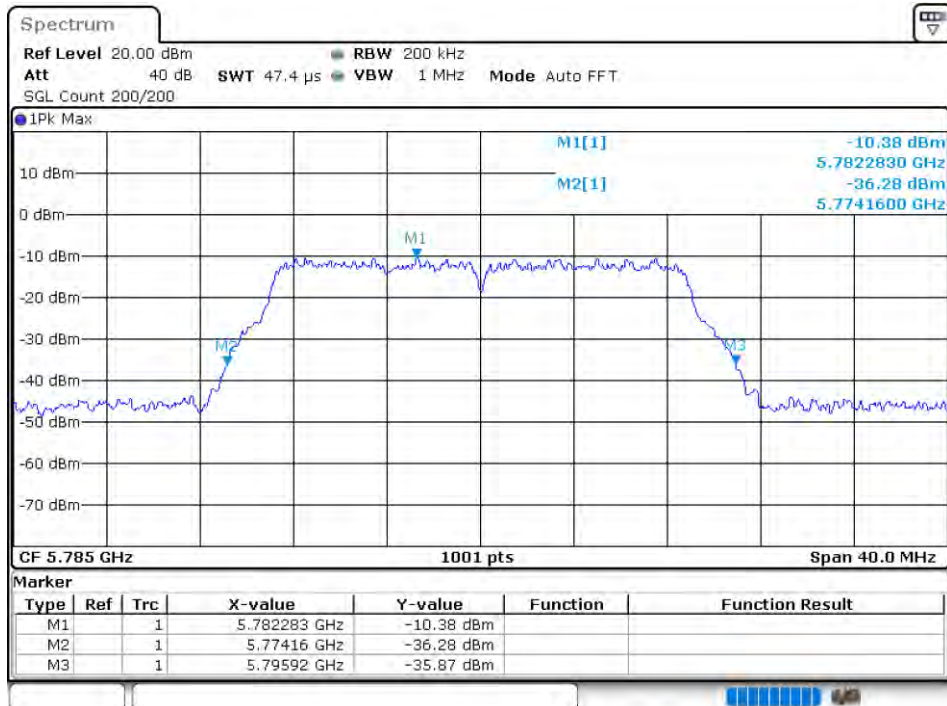
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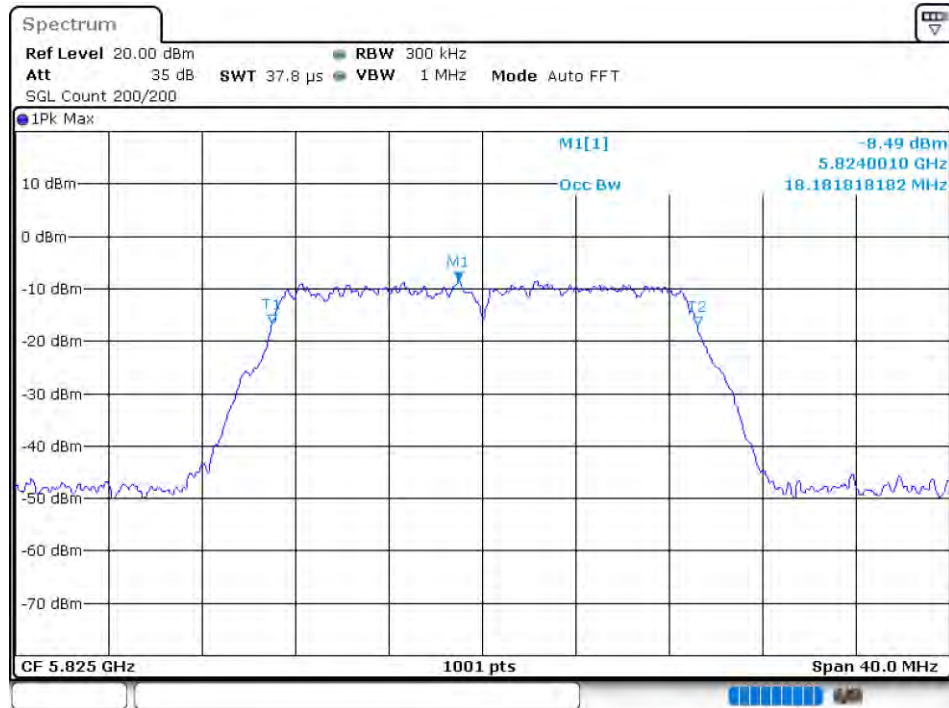
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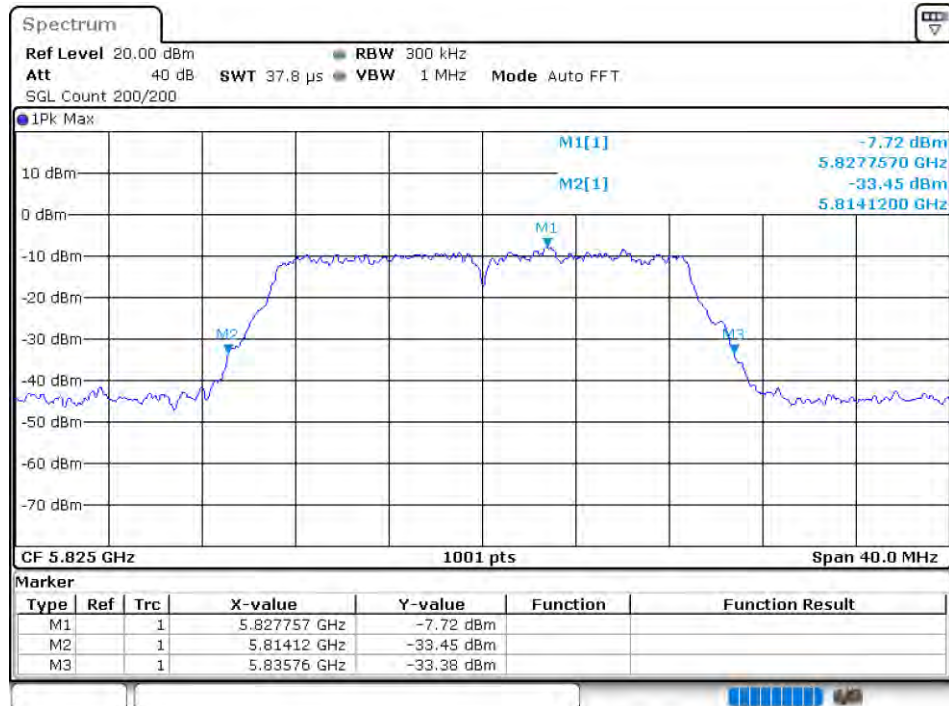
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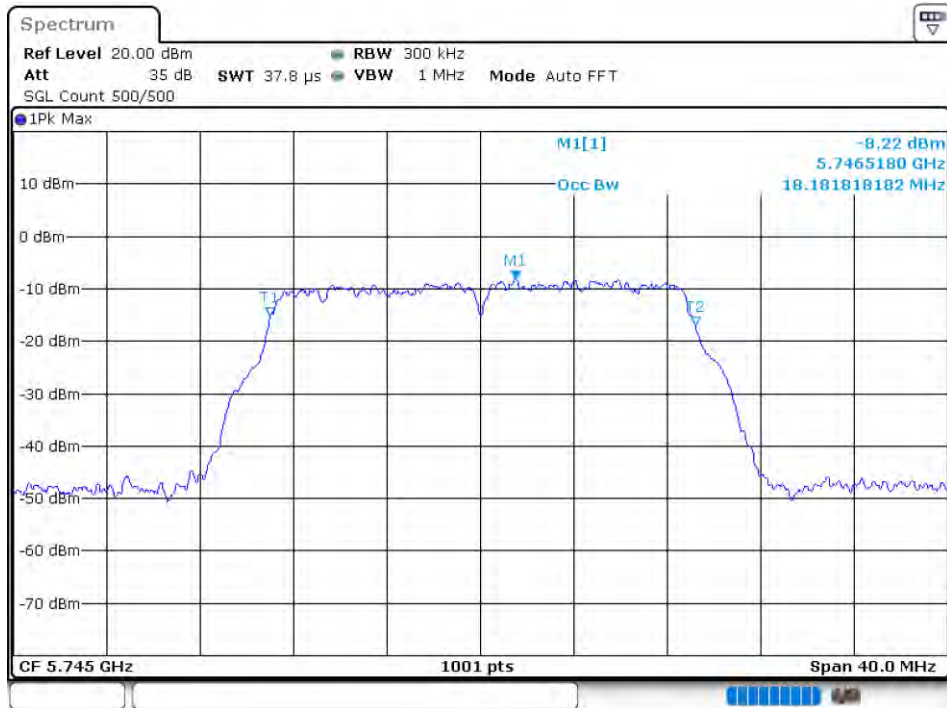
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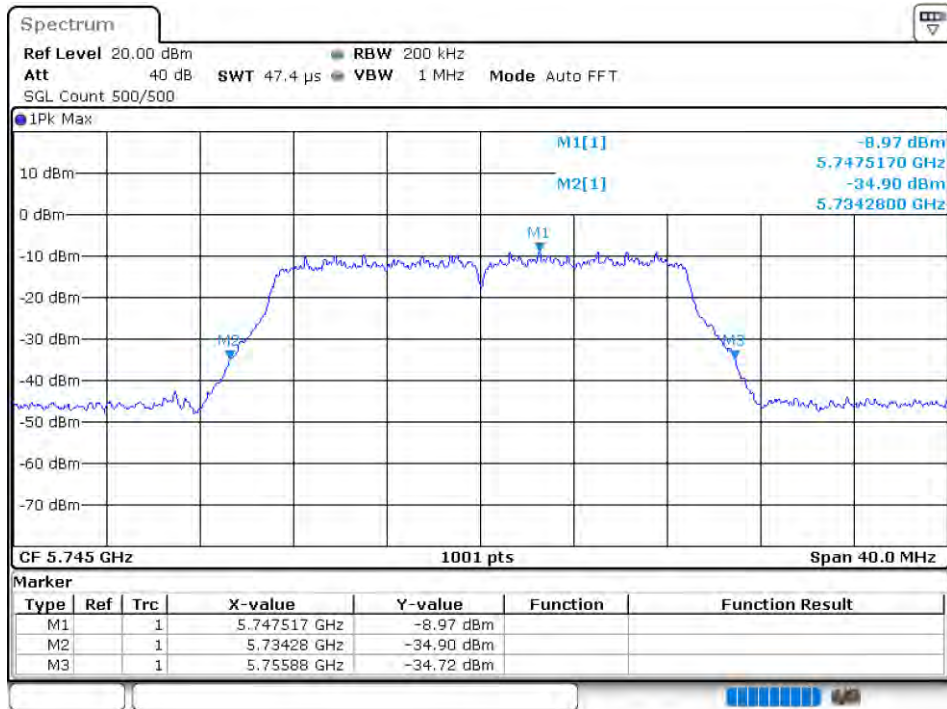
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OBW NVNT 802.11ac20 5745MHz Ant 2



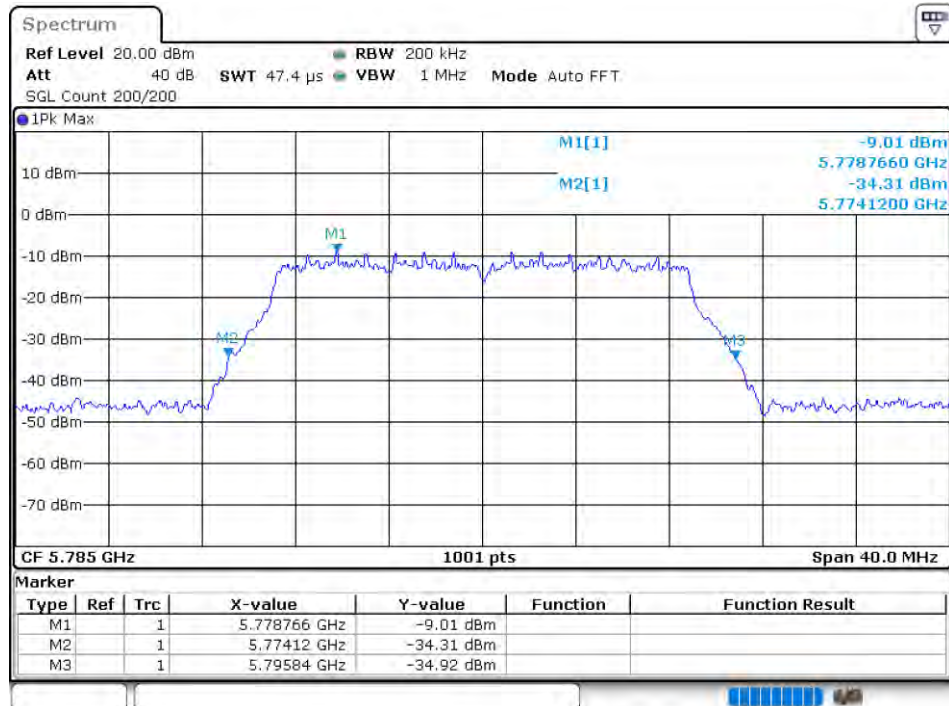
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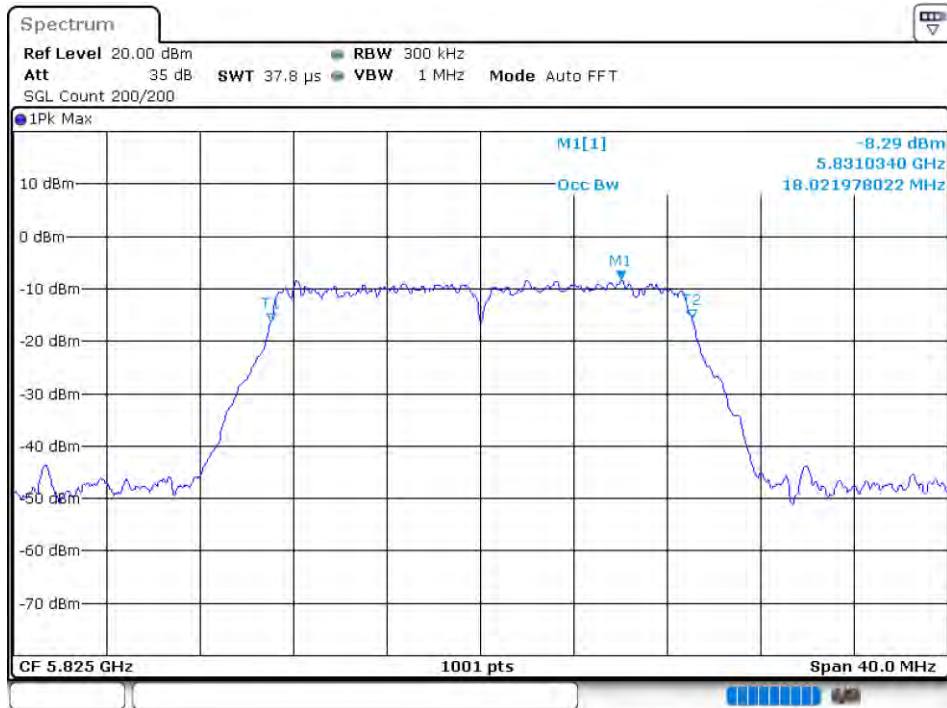
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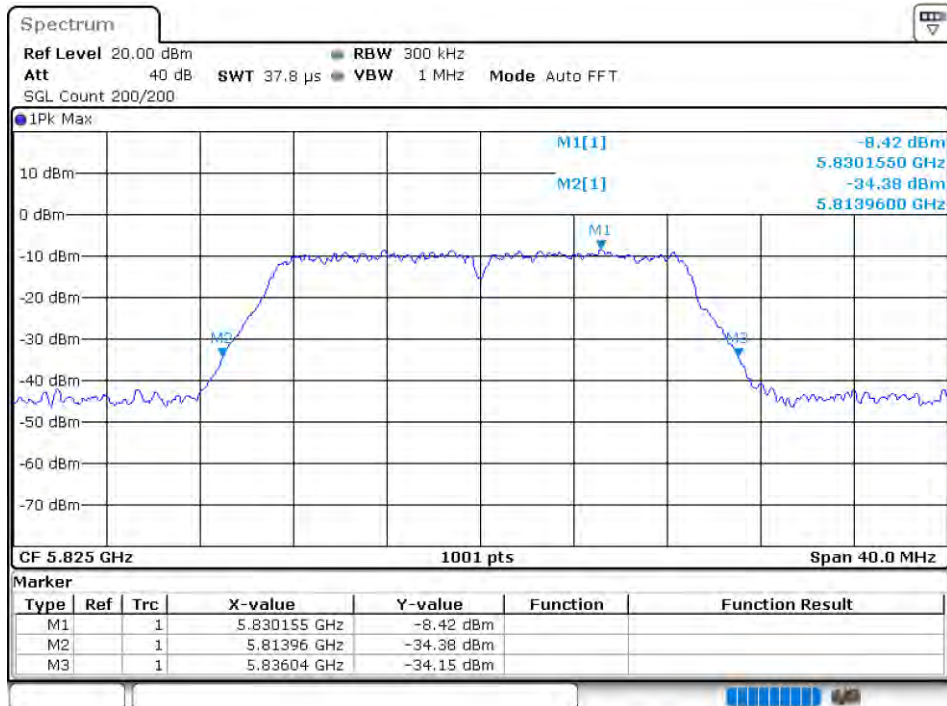
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OBW NVNT 802.11ac20 5825MHz Ant 2



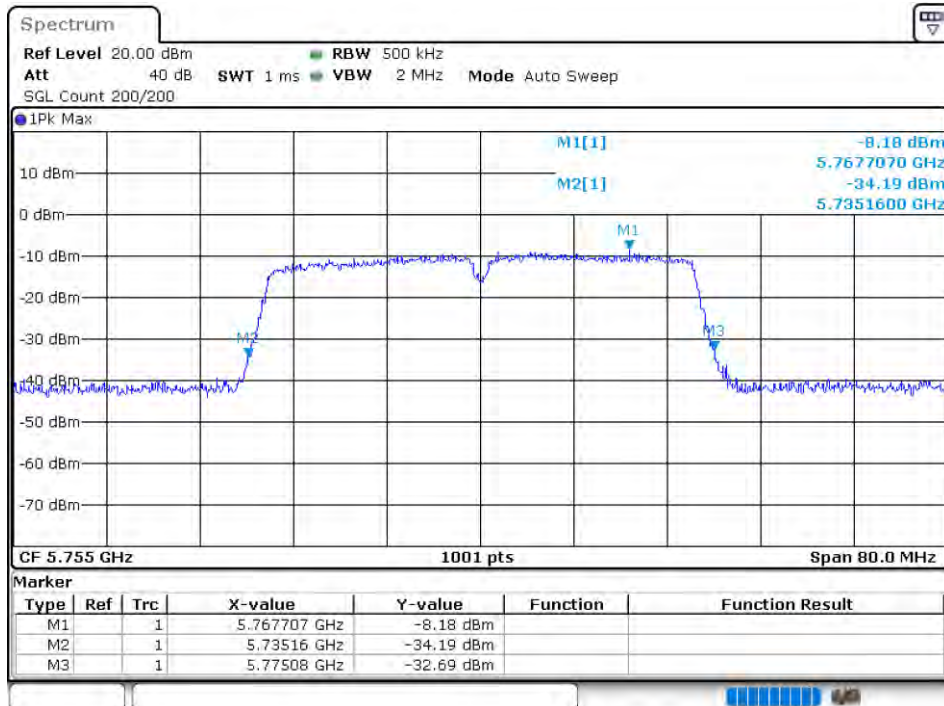
-26 dB BW NVNT 802.11ac20 5825MHz Ant 2



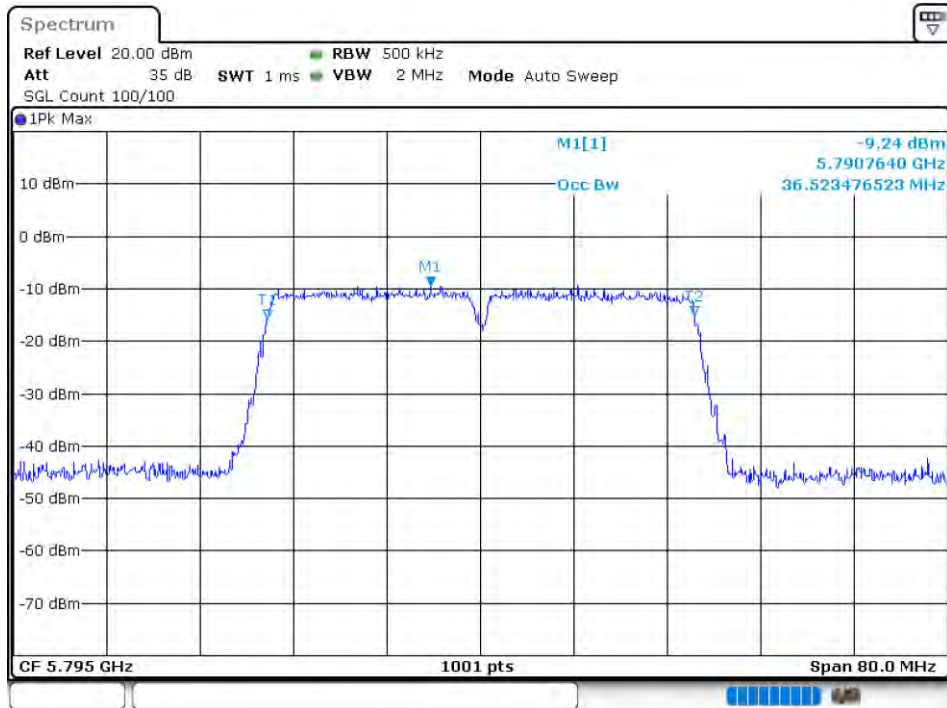
OBW NVNT 802.11ac40 5755MHz Ant 1



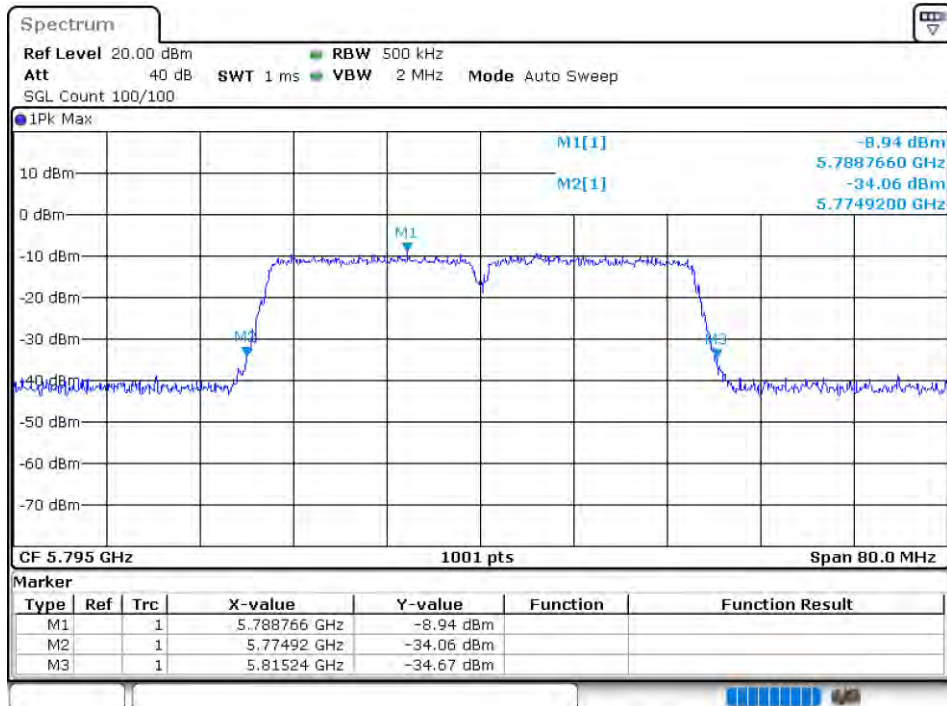
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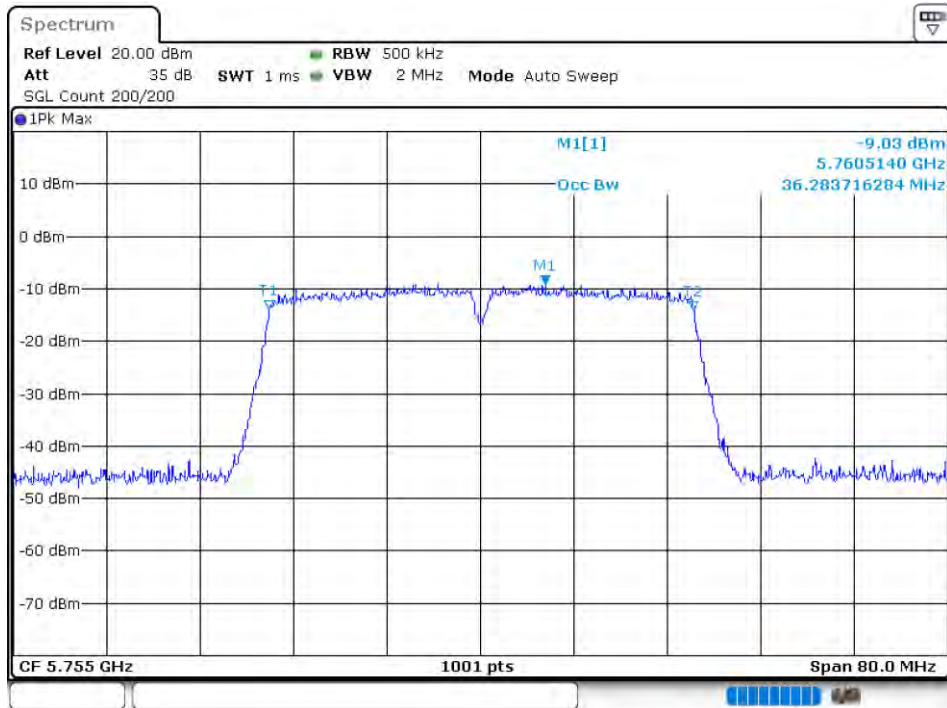
OBW NVNT 802.11ac40 5795MHz Ant 1



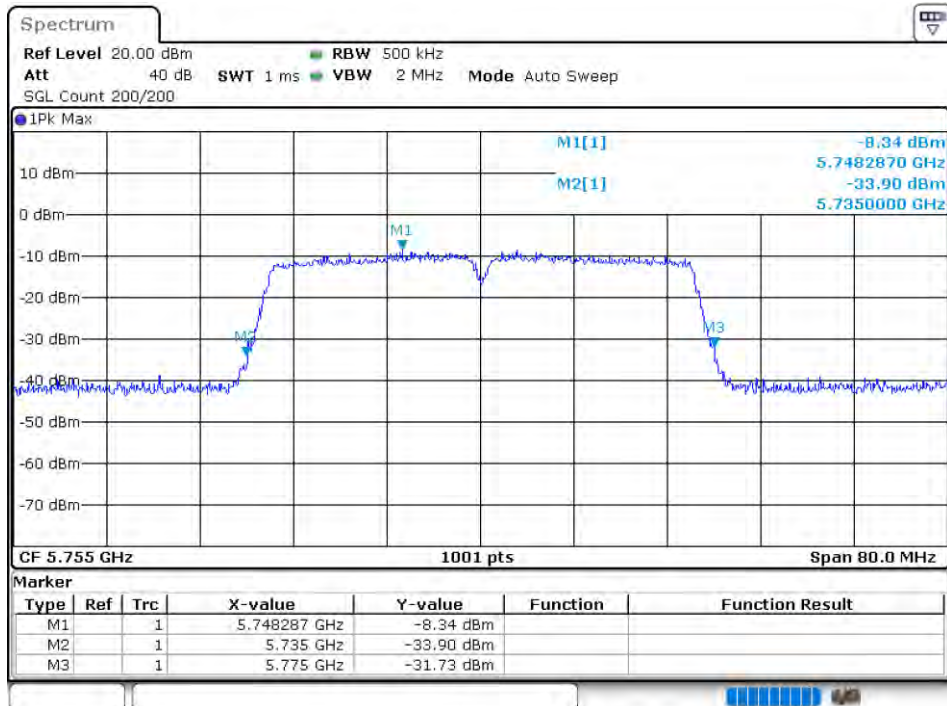
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OBW NVNT 802.11ac40 5755MHz Ant 2



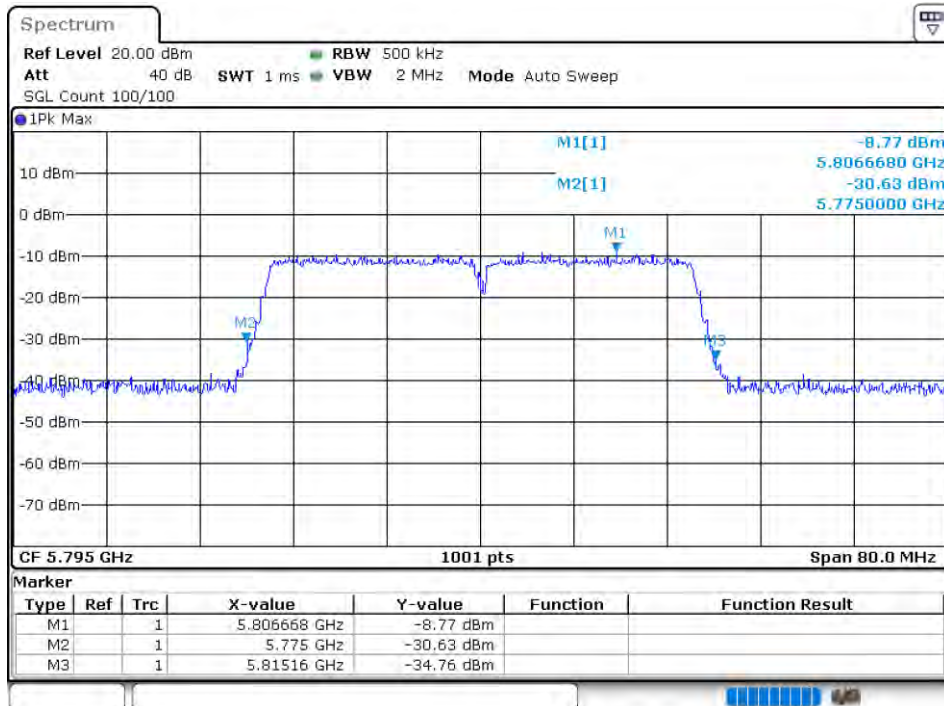
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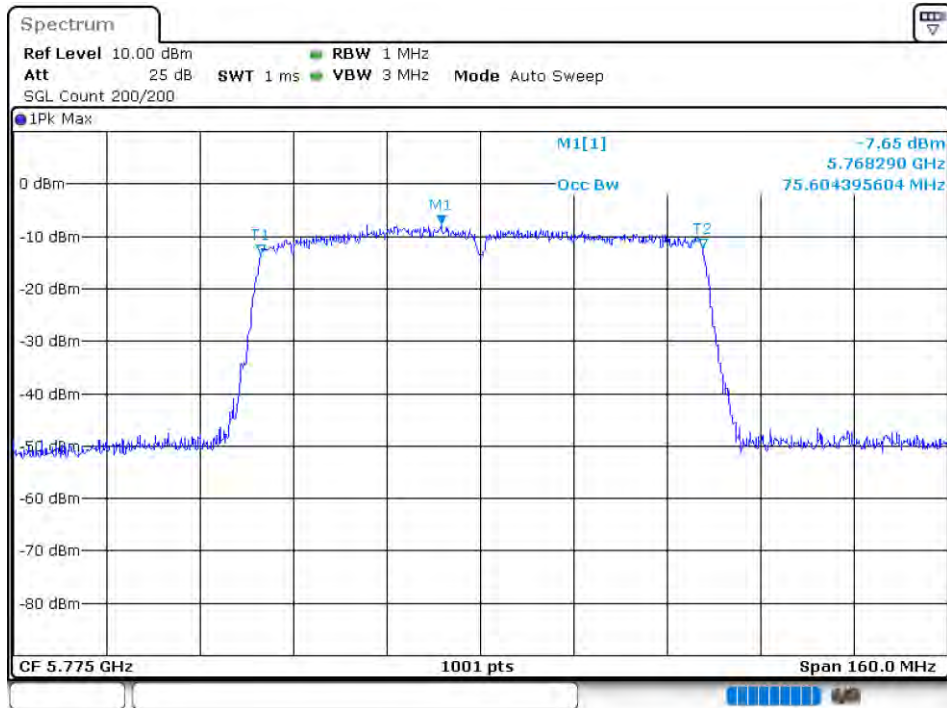
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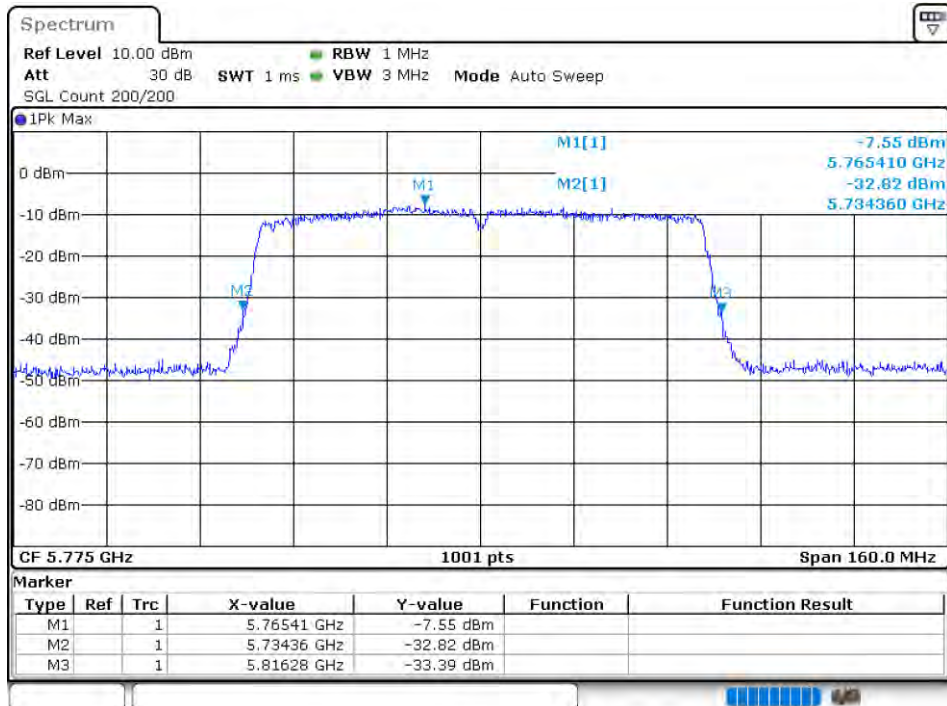
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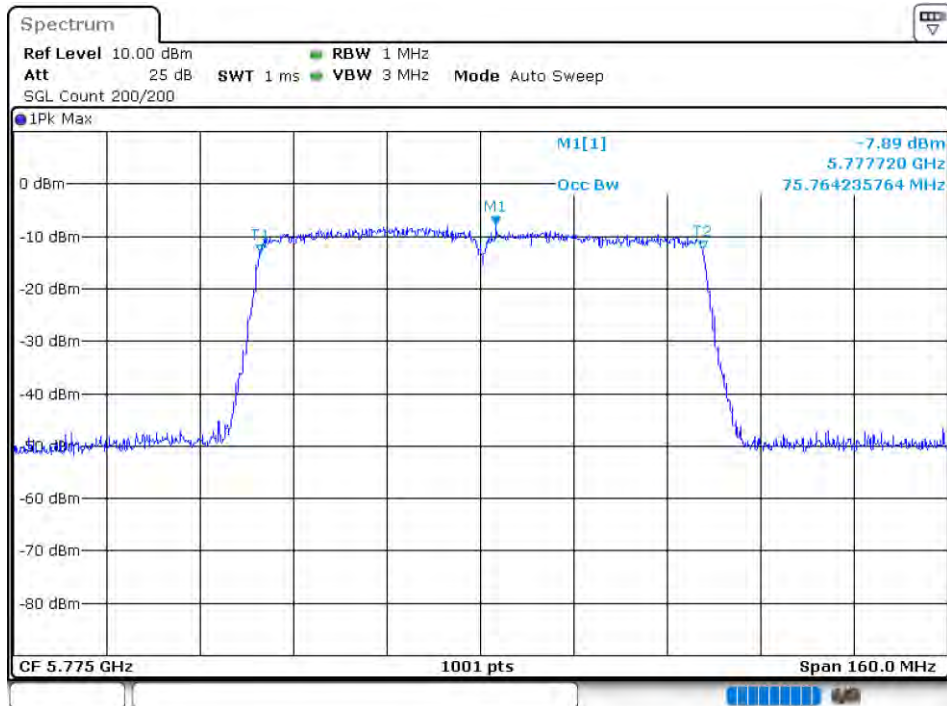
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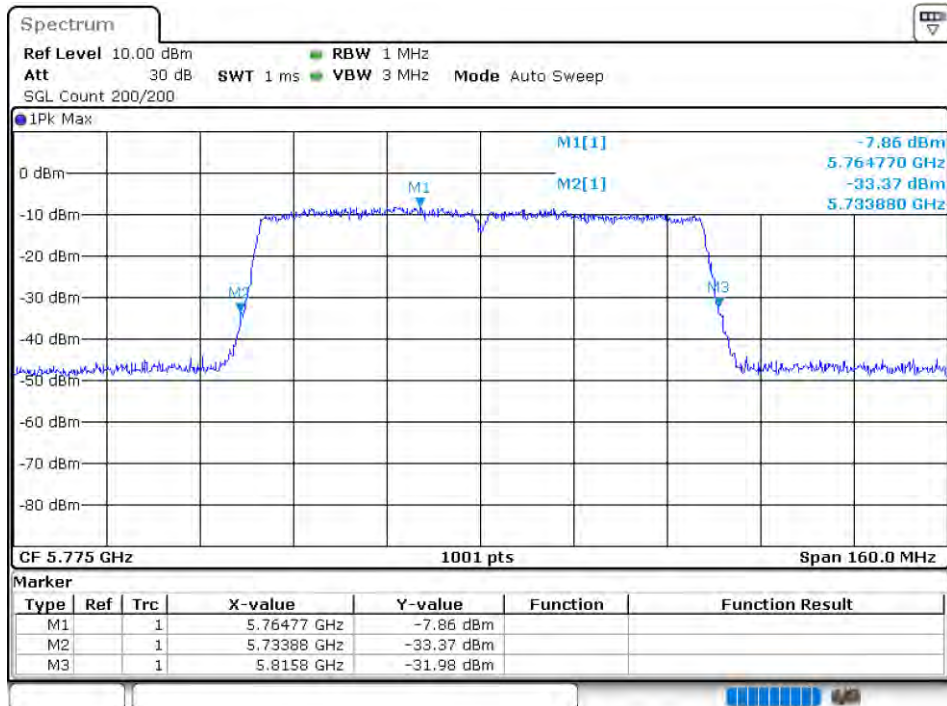
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OBW NVNT 802.11ac80 5775MHz Ant 2



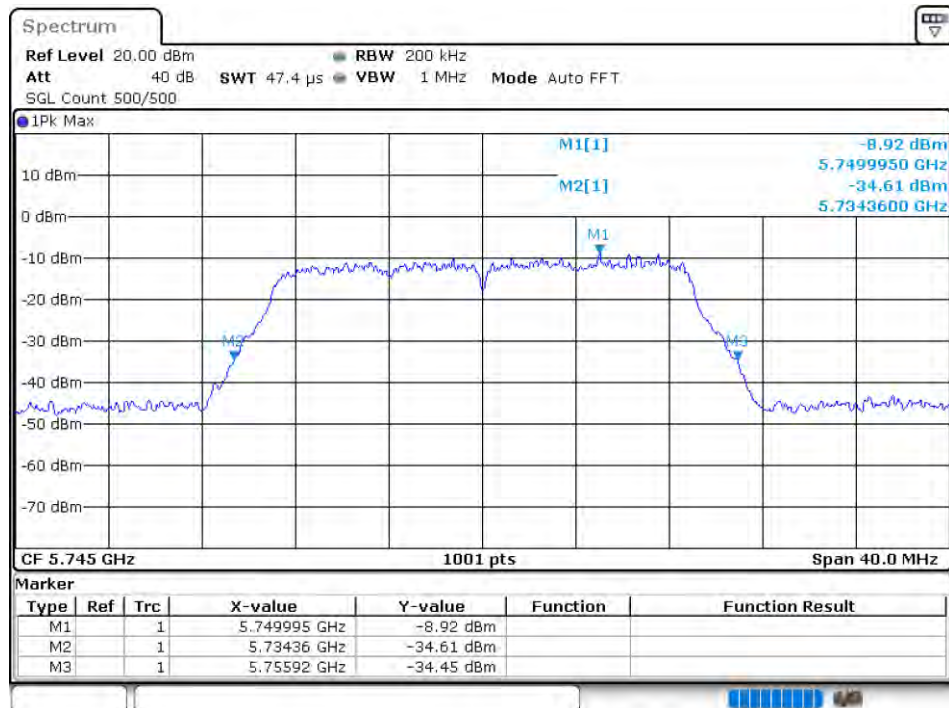
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OBW NVNT 802.11n(HT20) 5745MHz Ant 1



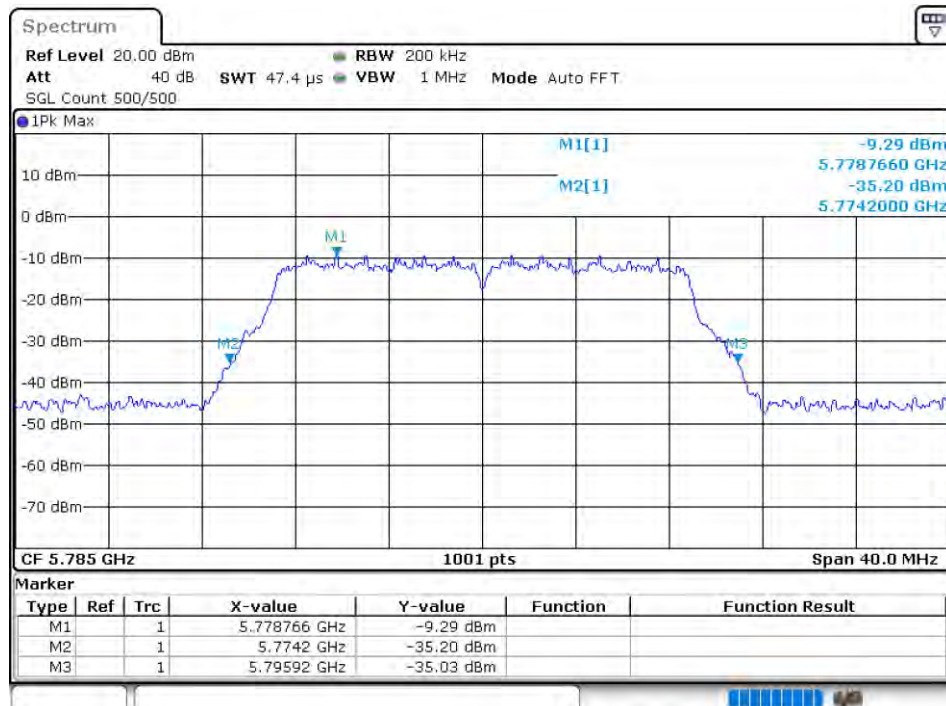
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant 1



OBW NVNT 802.11n(HT20) 5785MHz Ant 1



-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant 1



OBW NVNT 802.11n(HT20) 5825MHz Ant 1



-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant 1



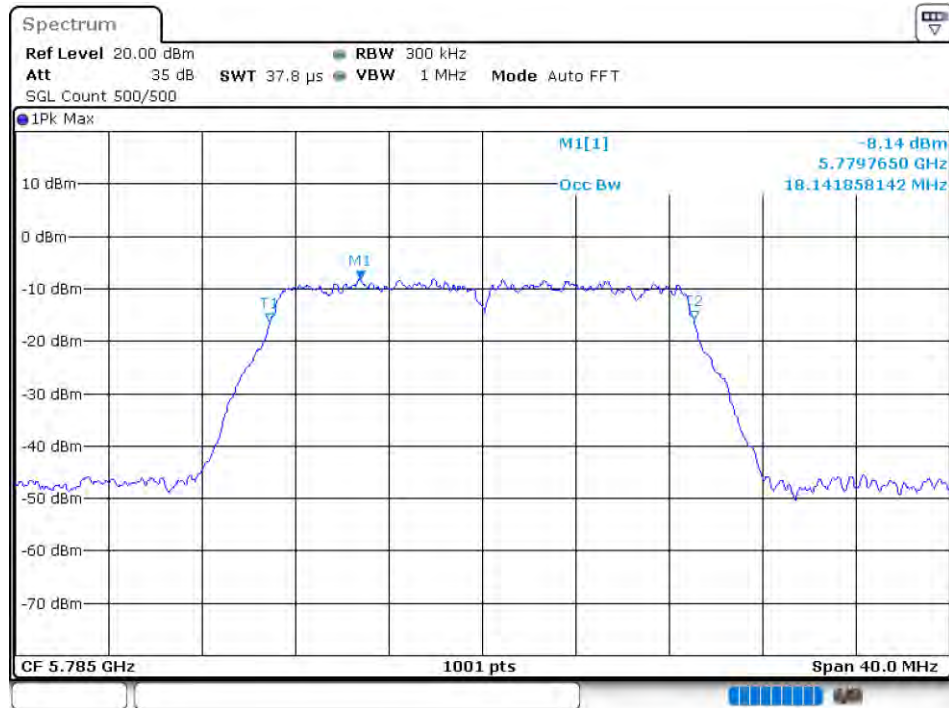
OBW NVNT 802.11n(HT20) 5745MHz Ant 2



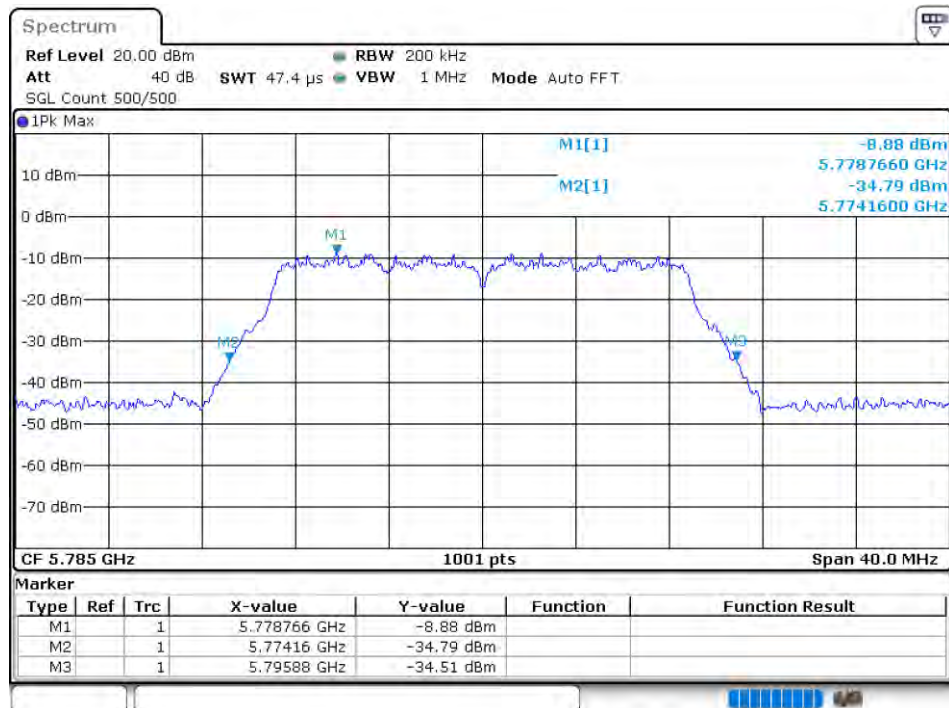
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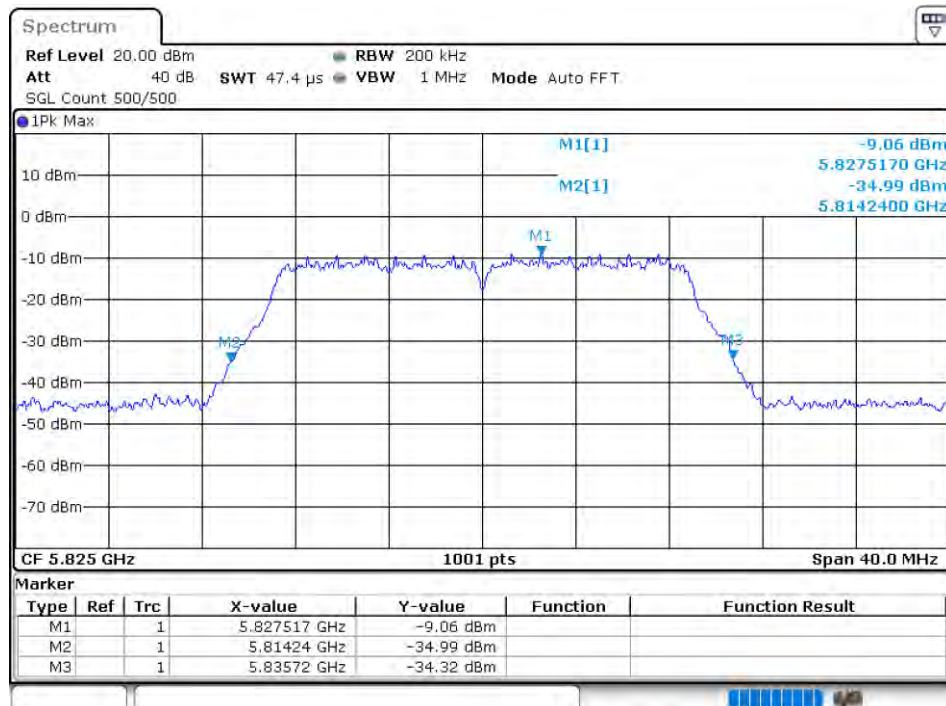
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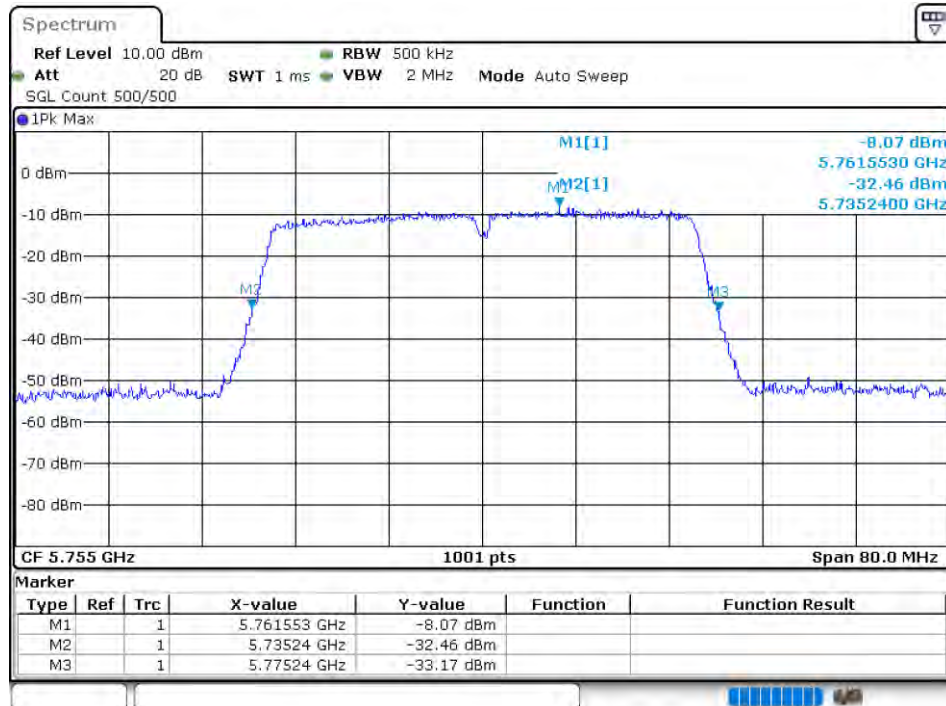
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant 2



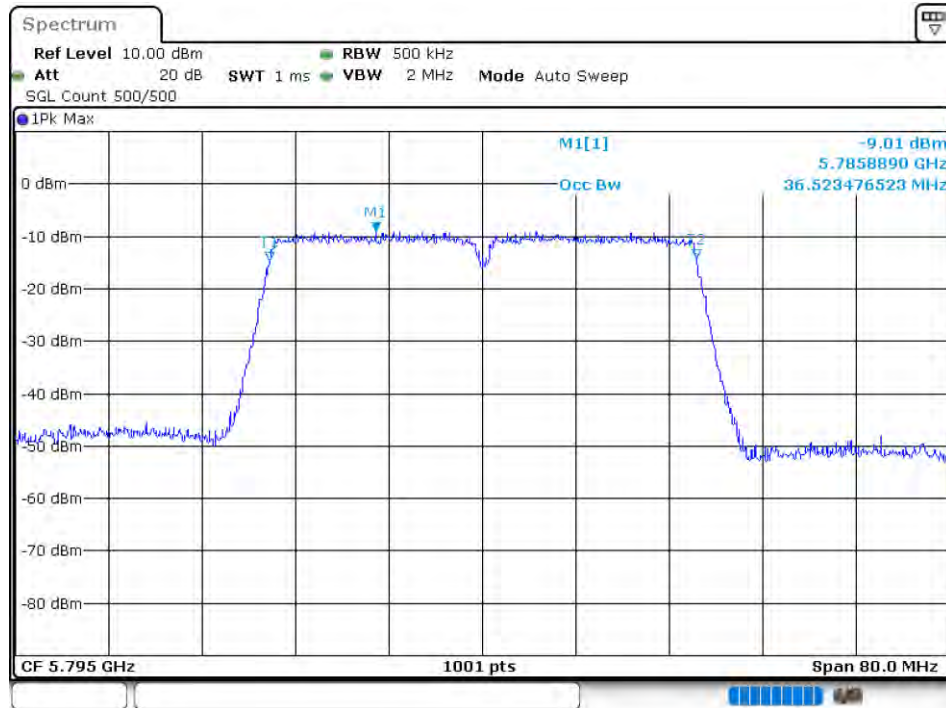
OBW NVNT 802.11n(HT40) 5755MHz Ant 1



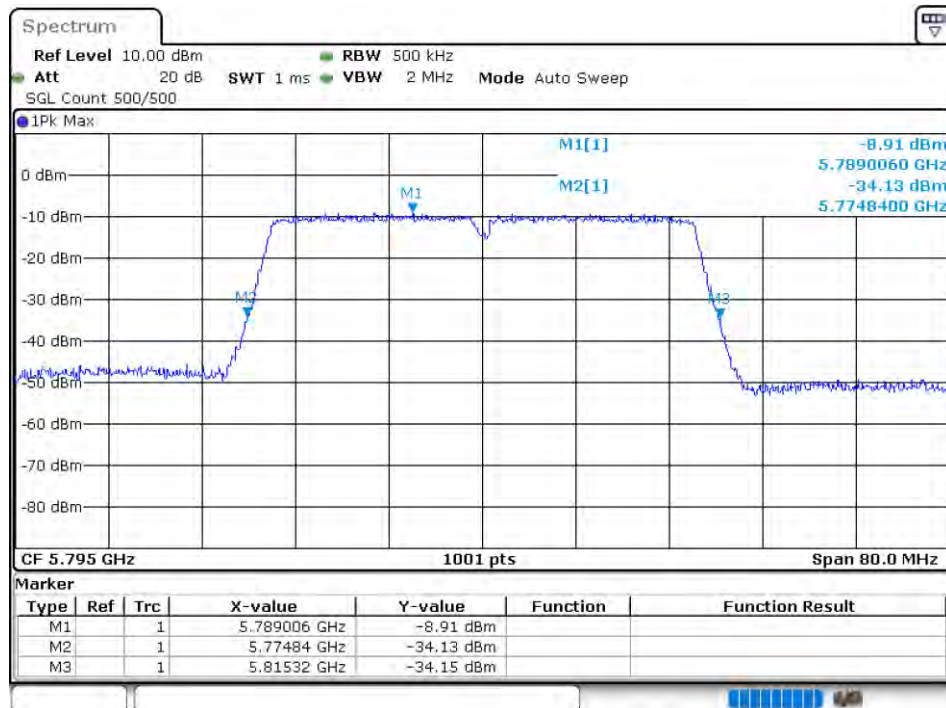
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant 1



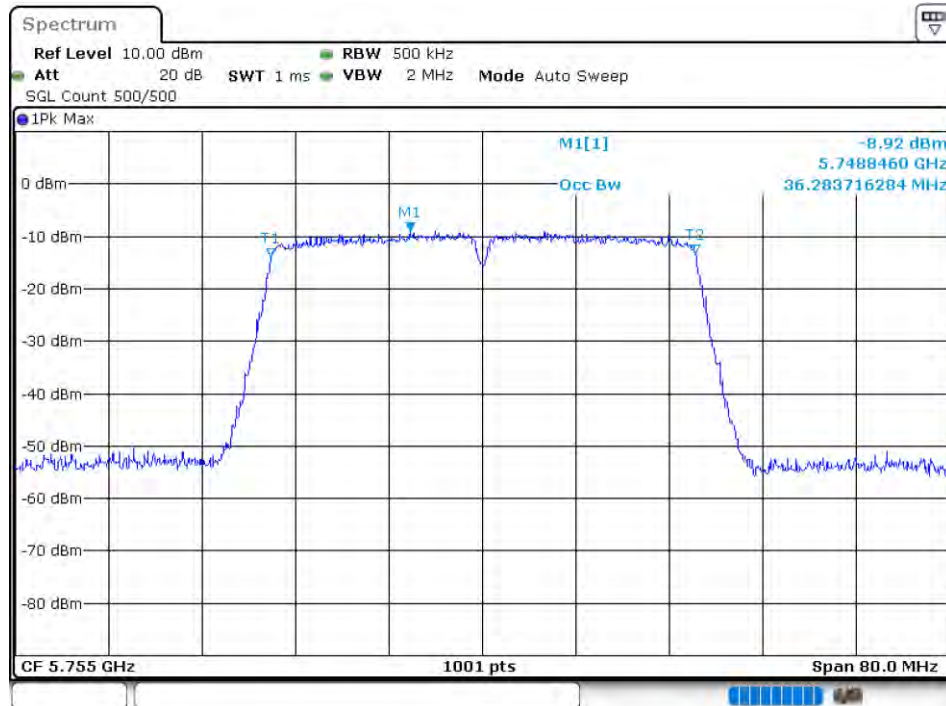
OBW NVNT 802.11n(HT40) 5795MHz Ant 1



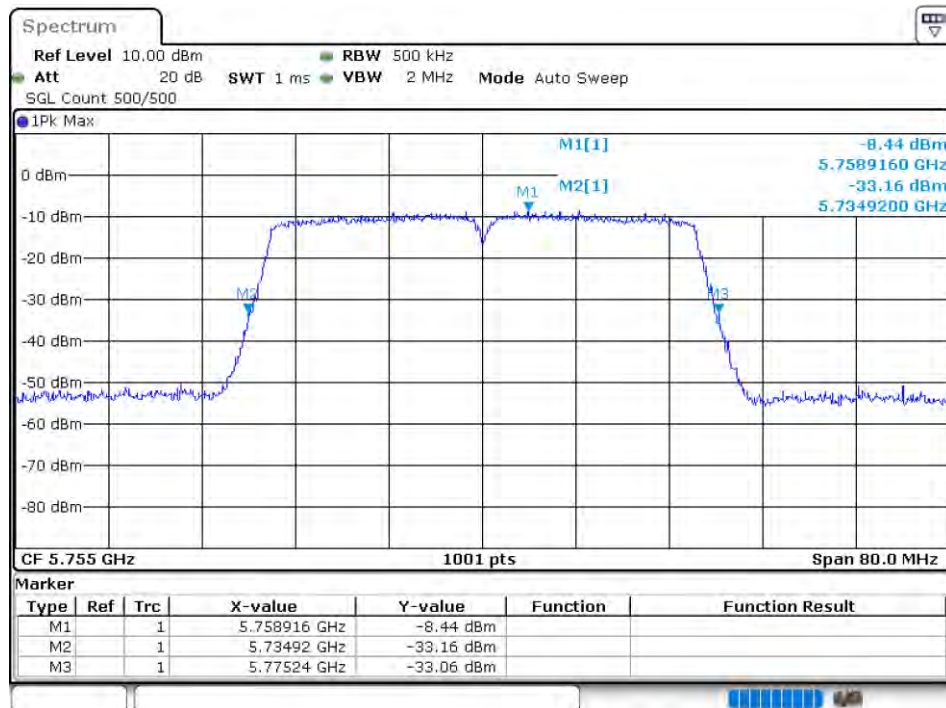
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant 1



OBW NVNT 802.11n(HT40) 5755MHz Ant 2



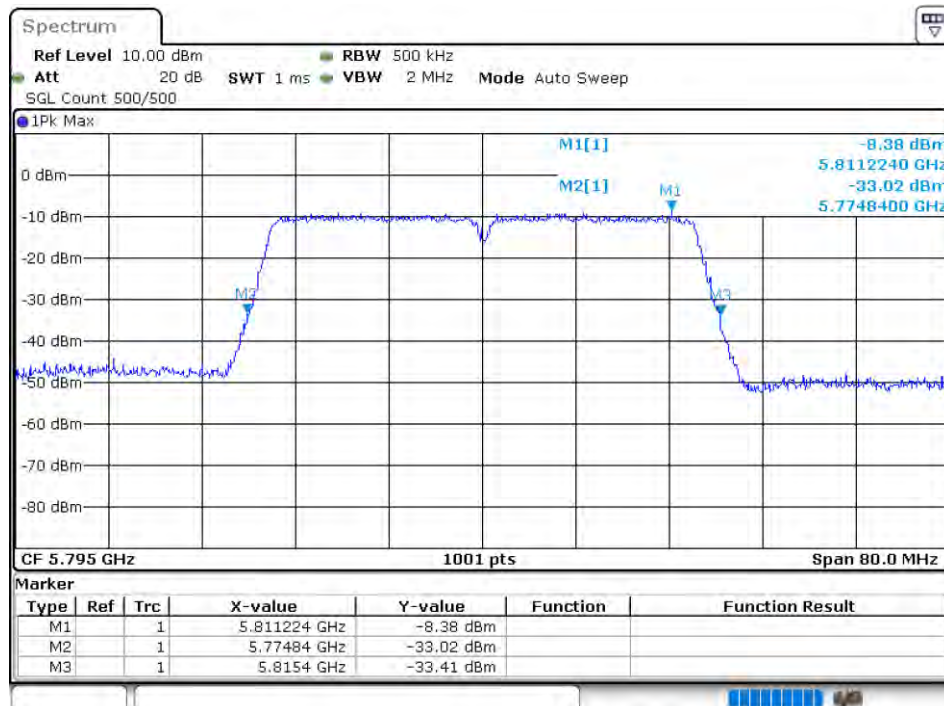
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OBW NVNT 802.11n(HT40) 5795MHz Ant 2



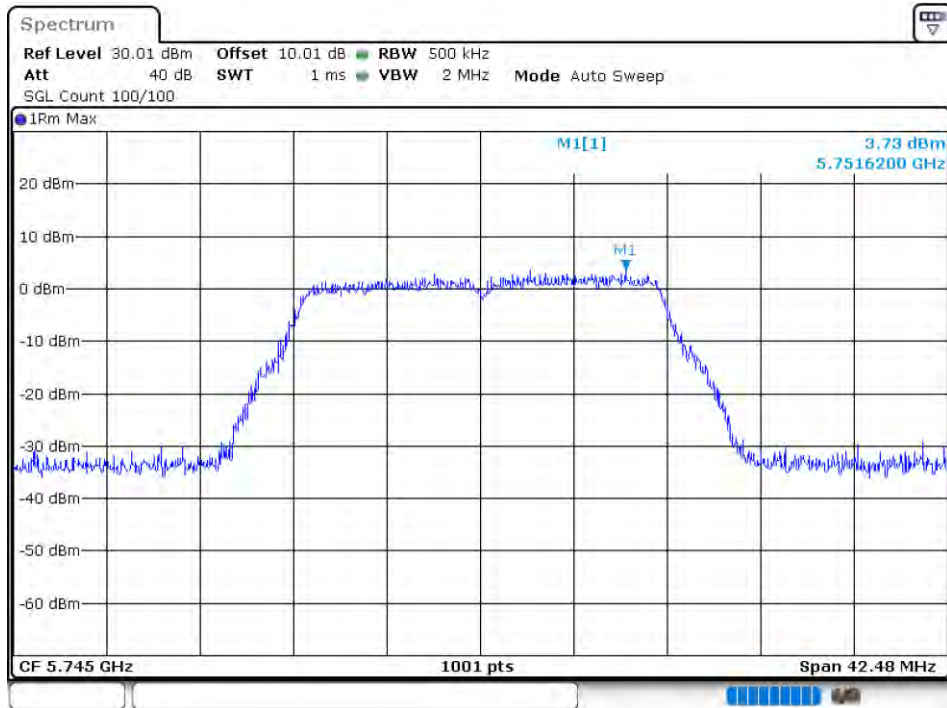
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant 2



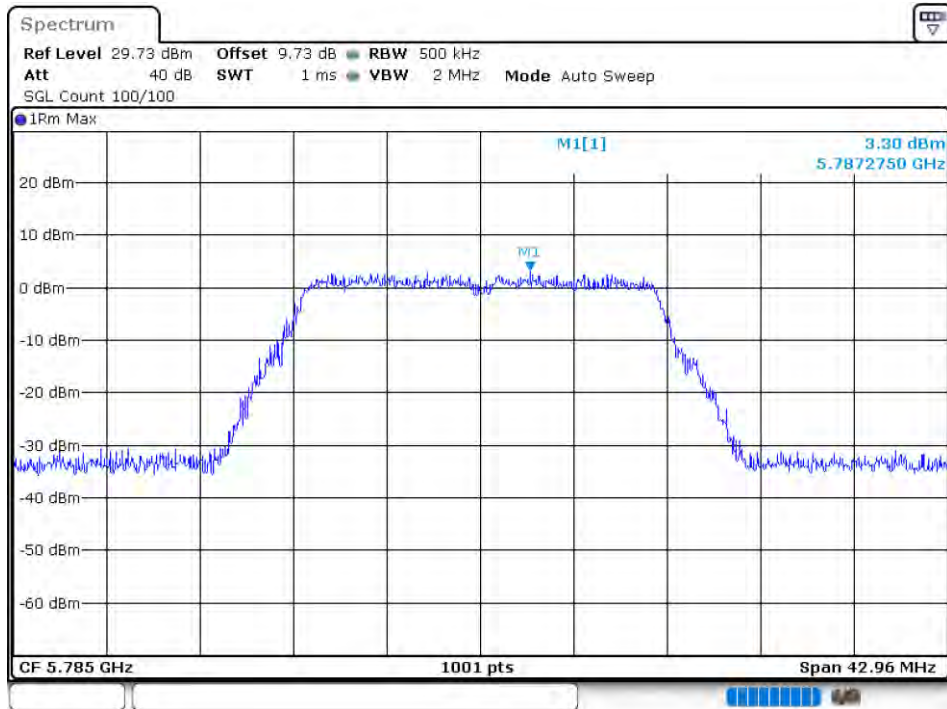
### Maximum Power Spectral Density Level

| Condition | Mode          | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|---------------|-------------|---------|
| NVNT      | 802.11a       | 5745            | Ant 1   | 3.728         | 30          | Pass    |
| NVNT      | 802.11a       | 5785            | Ant 1   | 3.301         | 30          | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 1   | 3.561         | 30          | Pass    |
| NVNT      | 802.11a       | 5745            | Ant 2   | 3.505         | 30          | Pass    |
| NVNT      | 802.11a       | 5785            | Ant 2   | 2.873         | 30          | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 2   | 3.495         | 30          | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 1   | 3.425         | 30          | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | 3.467         | 30          | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | 3.659         | 30          | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 2   | 3.885         | 30          | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 2   | 3.16          | 30          | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 2   | 4.337         | 30          | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | 0.532         | 30          | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | 0.416         | 30          | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 2   | 0.482         | 30          | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 2   | 0.016         | 30          | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -2.143        | 30          | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 2   | -2.323        | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | 3.089         | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | 3.014         | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | 3.791         | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 2   | 2.959         | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 2   | 3.645         | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 2   | 3.678         | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | 0.689         | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | -0.337        | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 2   | 0.194         | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 2   | 0.543         | 30          | Pass    |

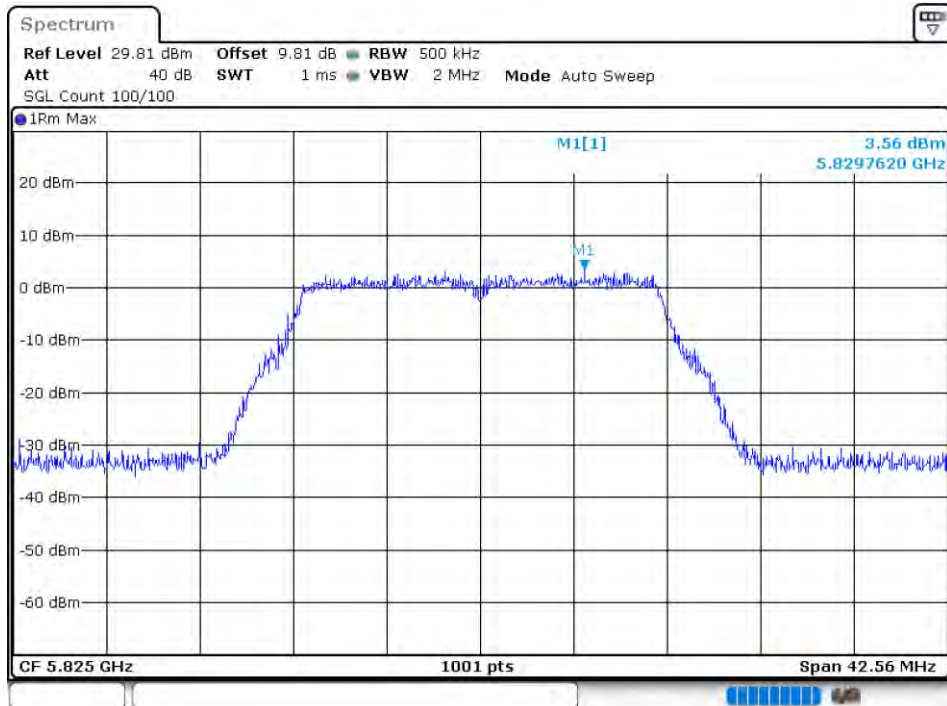
PSD NVNT 802.11a 5745MHz Ant 1



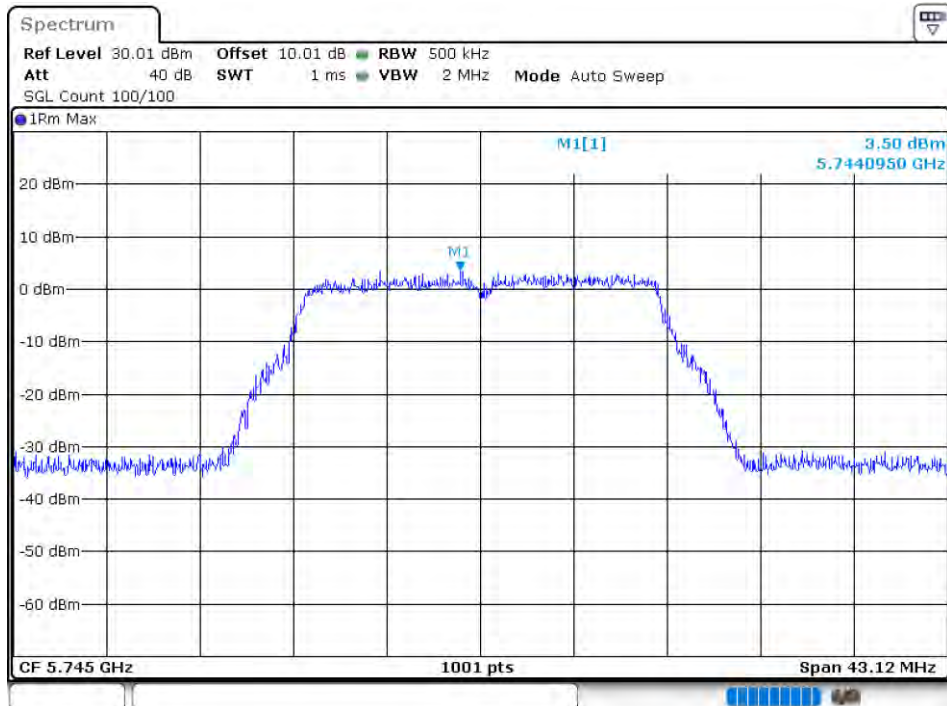
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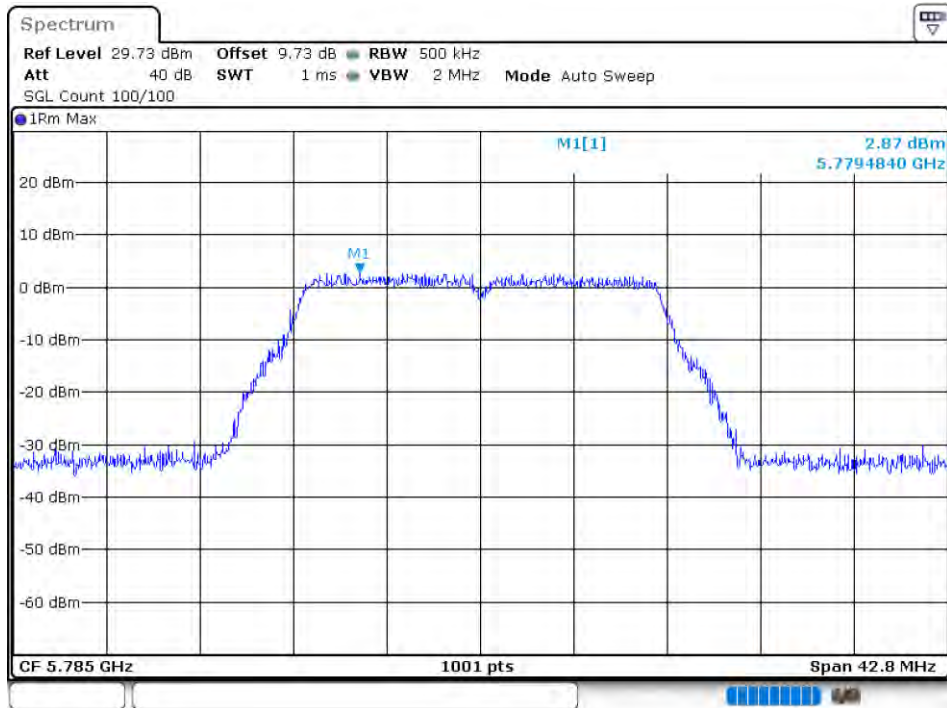
PSD NVNT 802.11a 5825MHz Ant 1



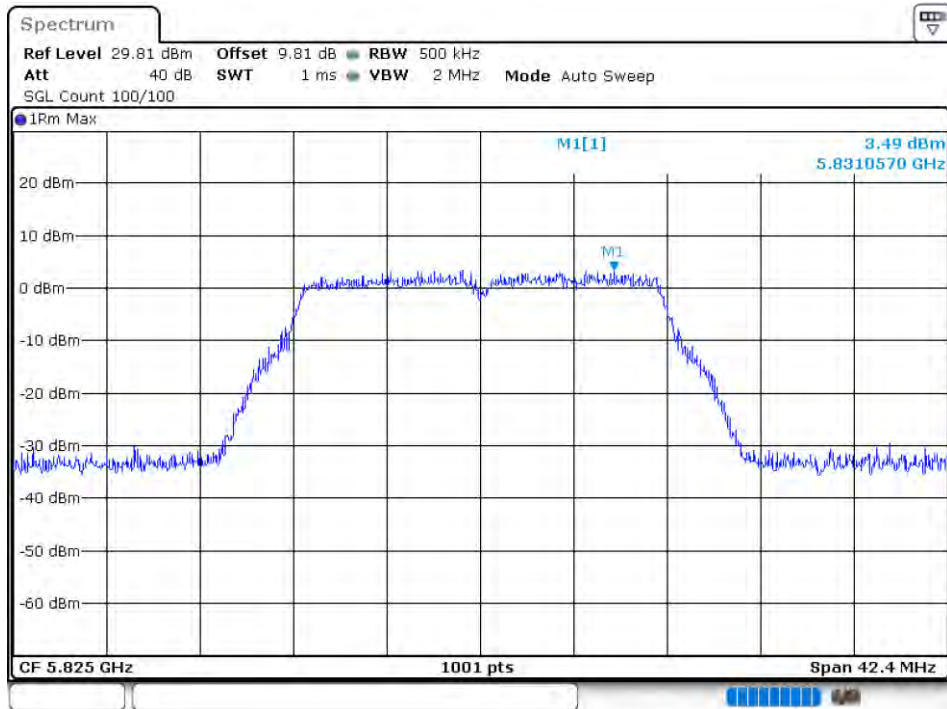
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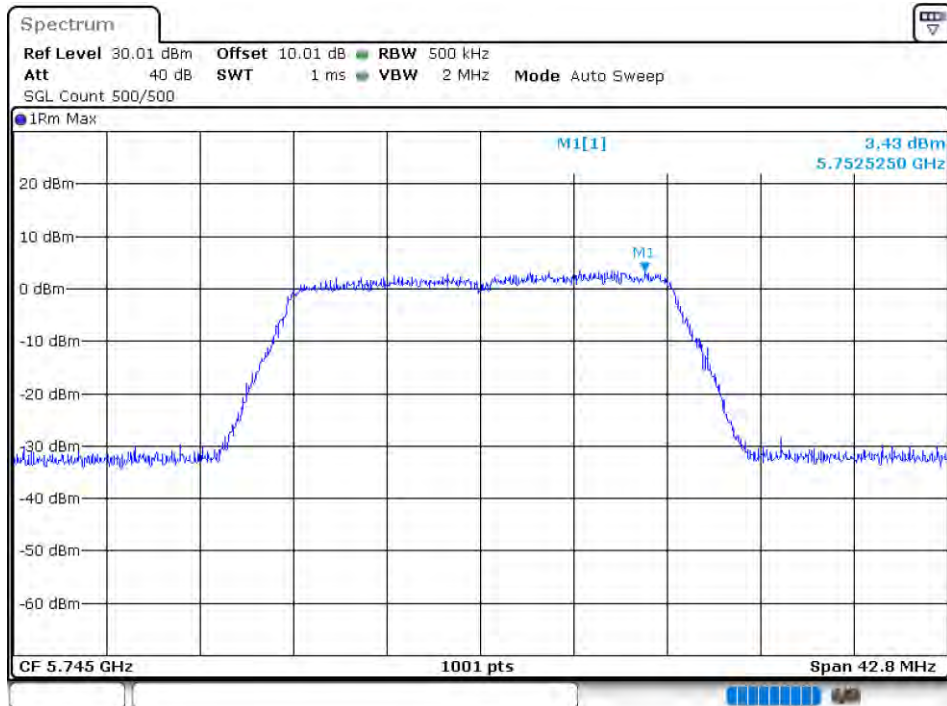
PSD NVNT 802.11a 5785MHz Ant 2



PSD NVNT 802.11a 5825MHz Ant 2



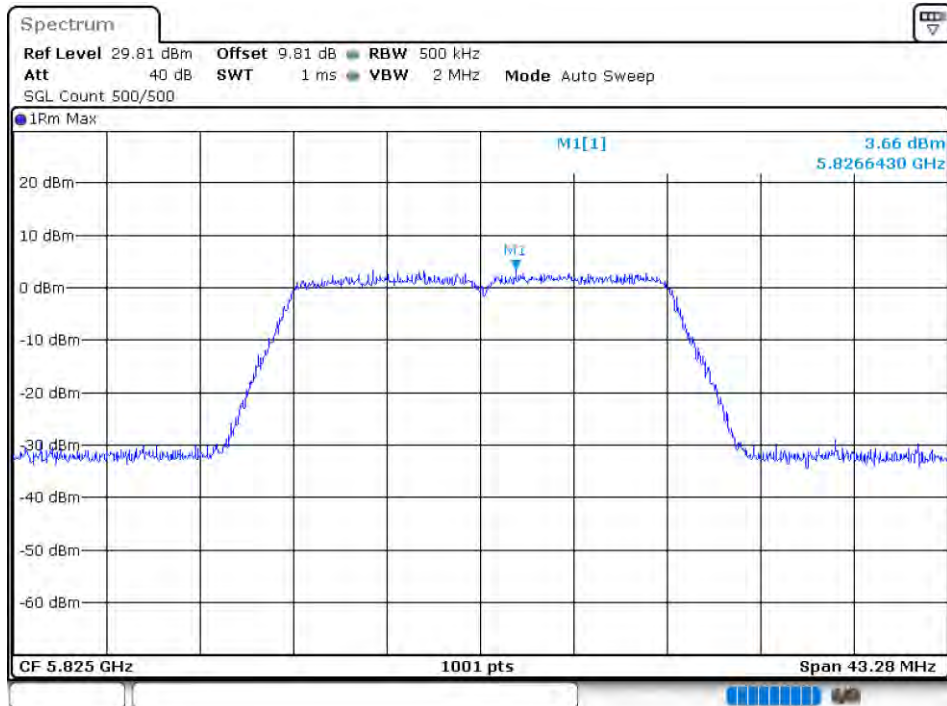
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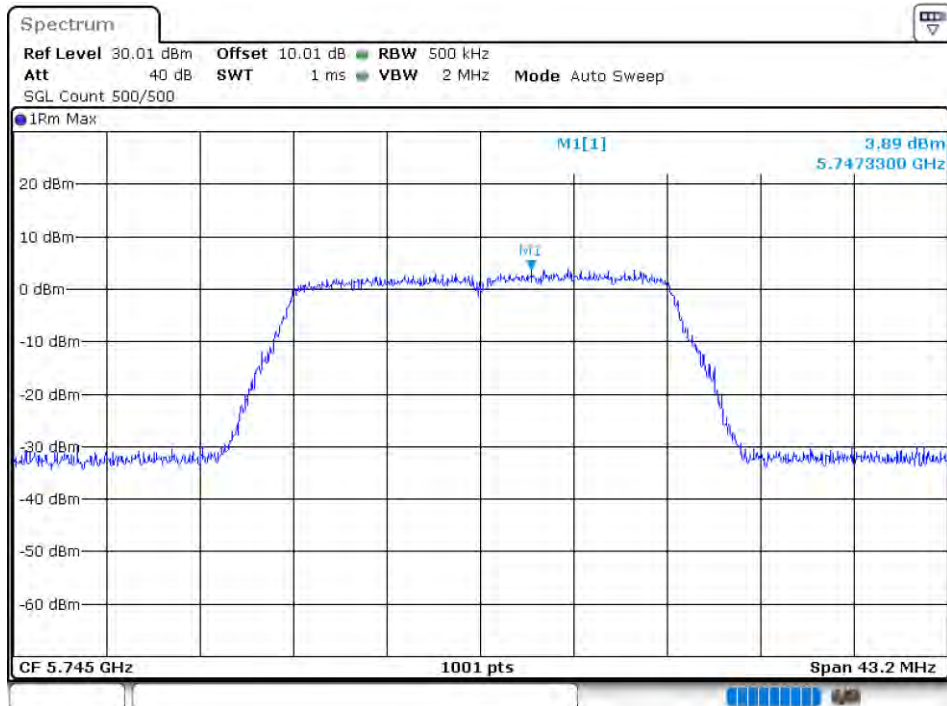
PSD NVNT 802.11ac20 5785MHz Ant 1



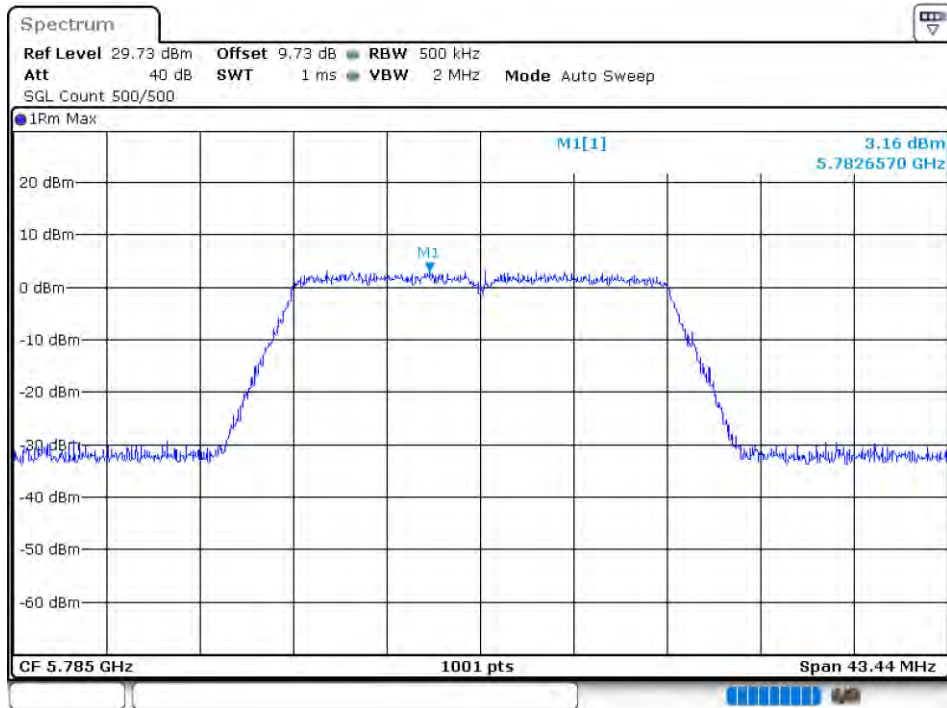
PSD NVNT 802.11ac20 5825MHz Ant 1



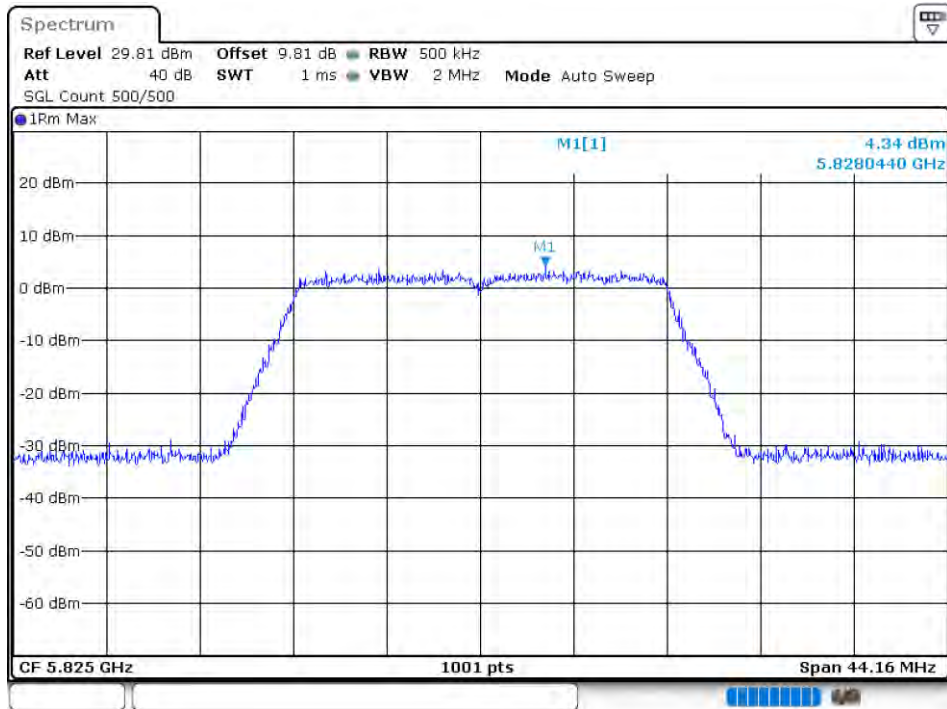
PSD NVNT 802.11ac20 5745MHz Ant 2



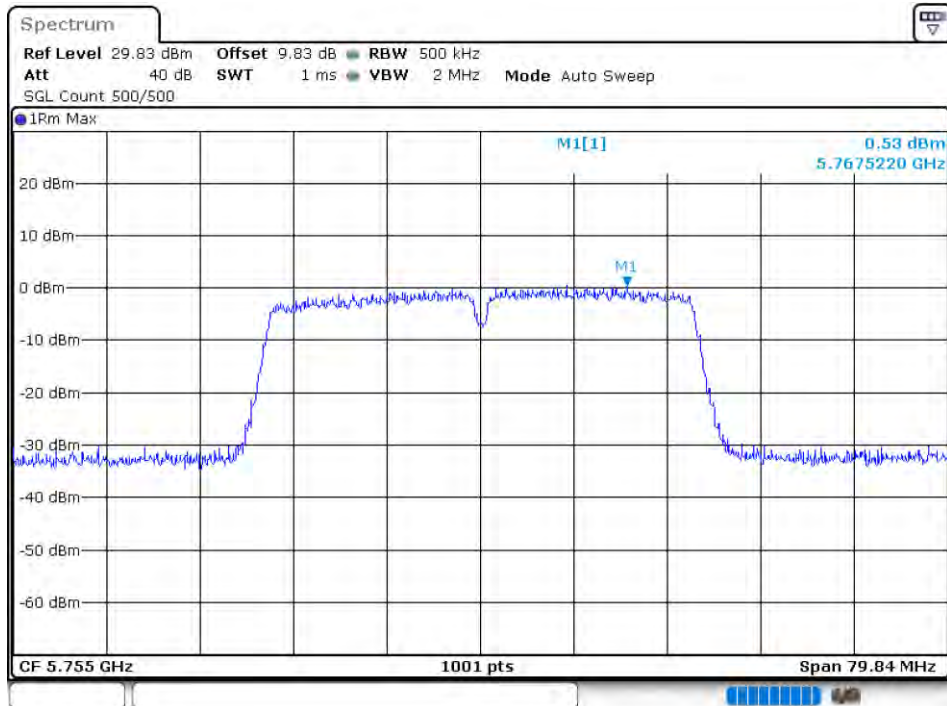
PSD NVNT 802.11ac20 5785MHz Ant 2



PSD NVNT 802.11ac20 5825MHz Ant 2



PSD NVNT 802.11ac40 5755MHz Ant 1



PSD NVNT 802.11ac40 5795MHz Ant 1



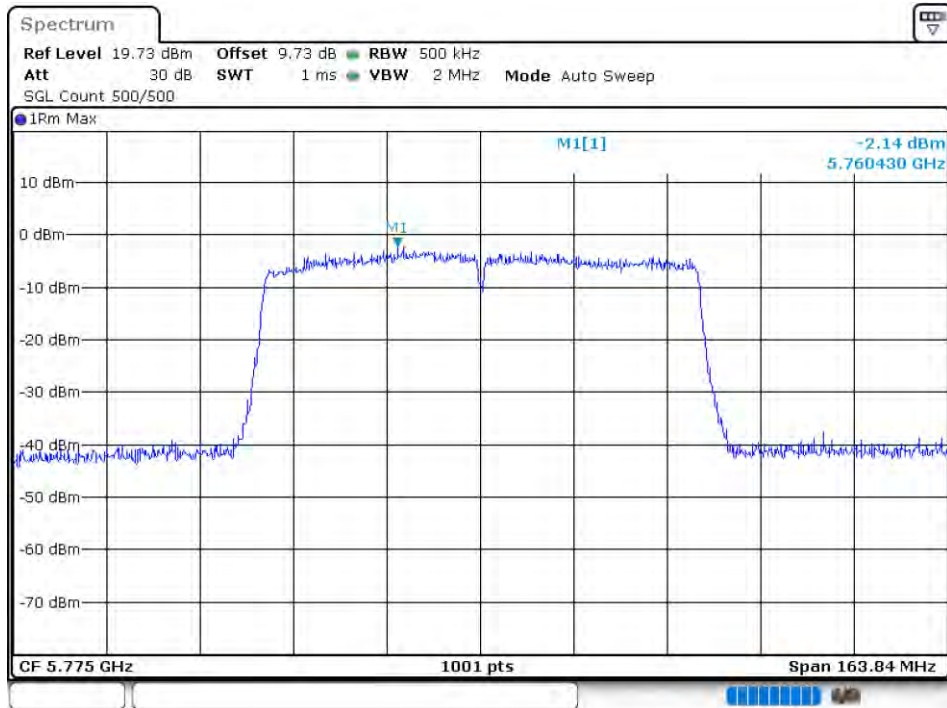
PSD NVNT 802.11ac40 5755MHz Ant 2



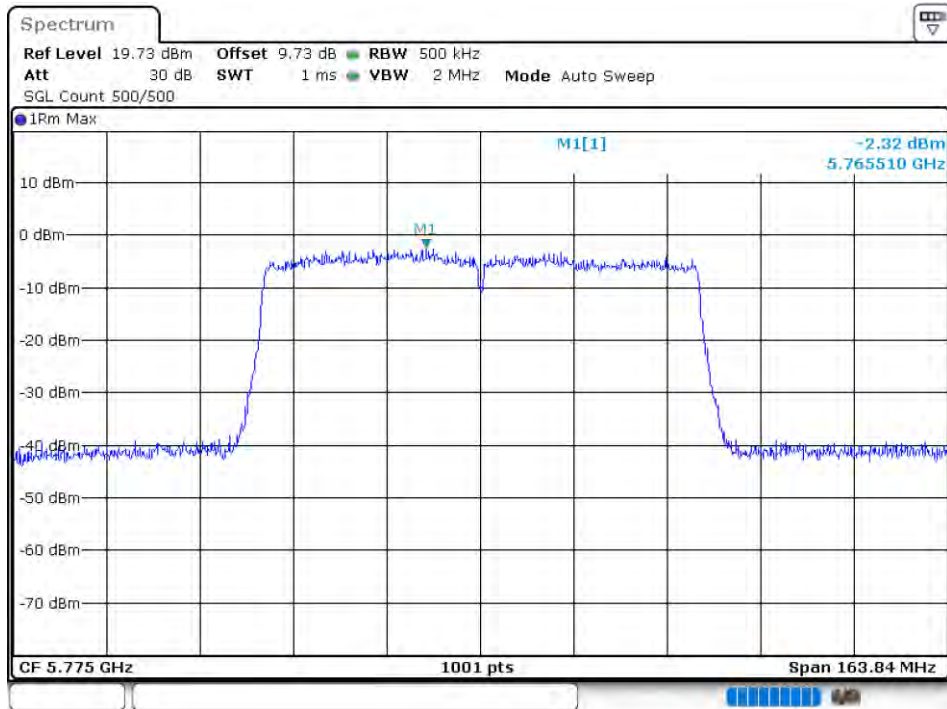
PSD NVNT 802.11ac40 5795MHz Ant 2



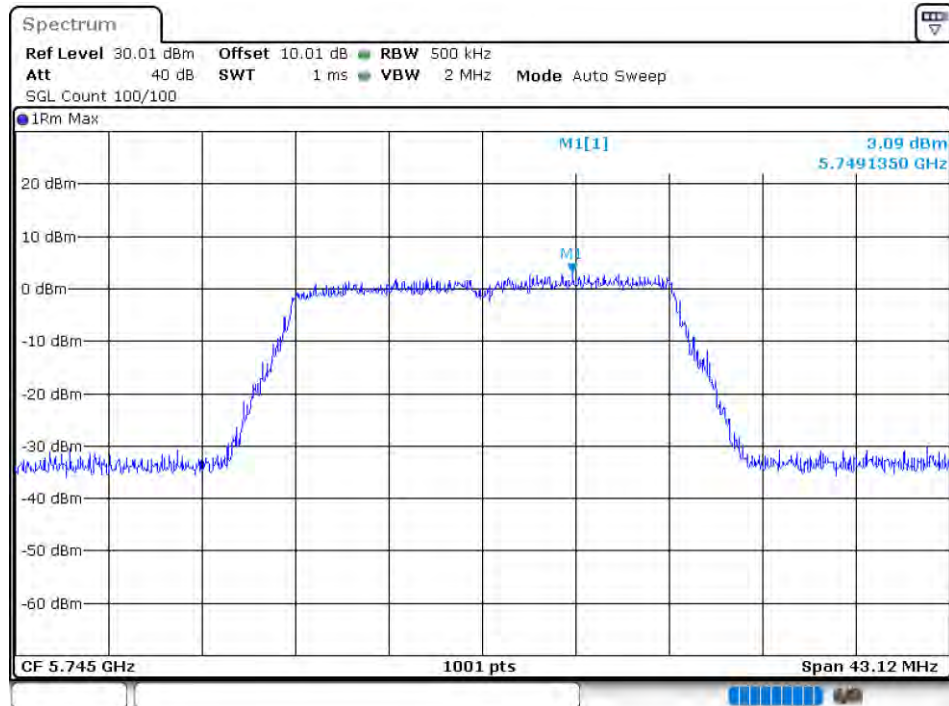
PSD NVNT 802.11ac80 5775MHz Ant 1



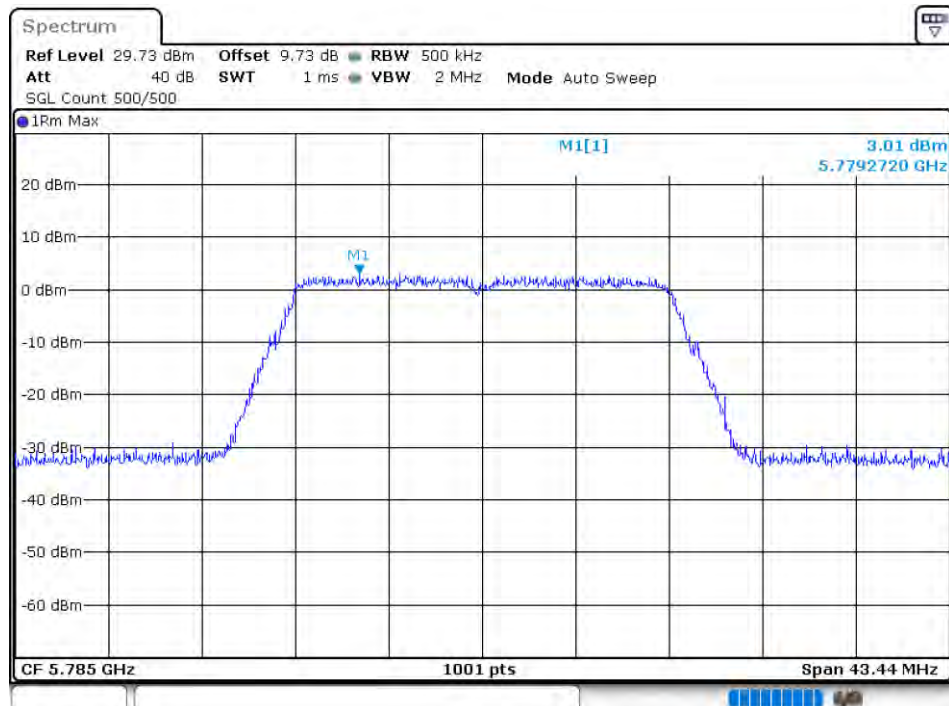
PSD NVNT 802.11ac80 5775MHz Ant 2



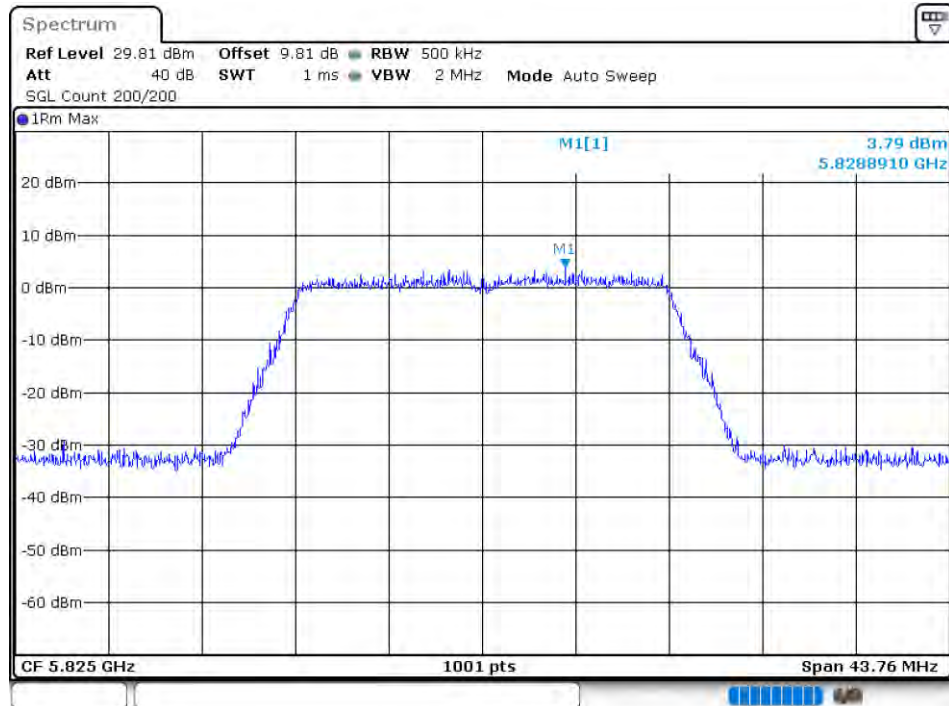
PSD NVNT 802.11n(HT20) 5745MHz Ant 1



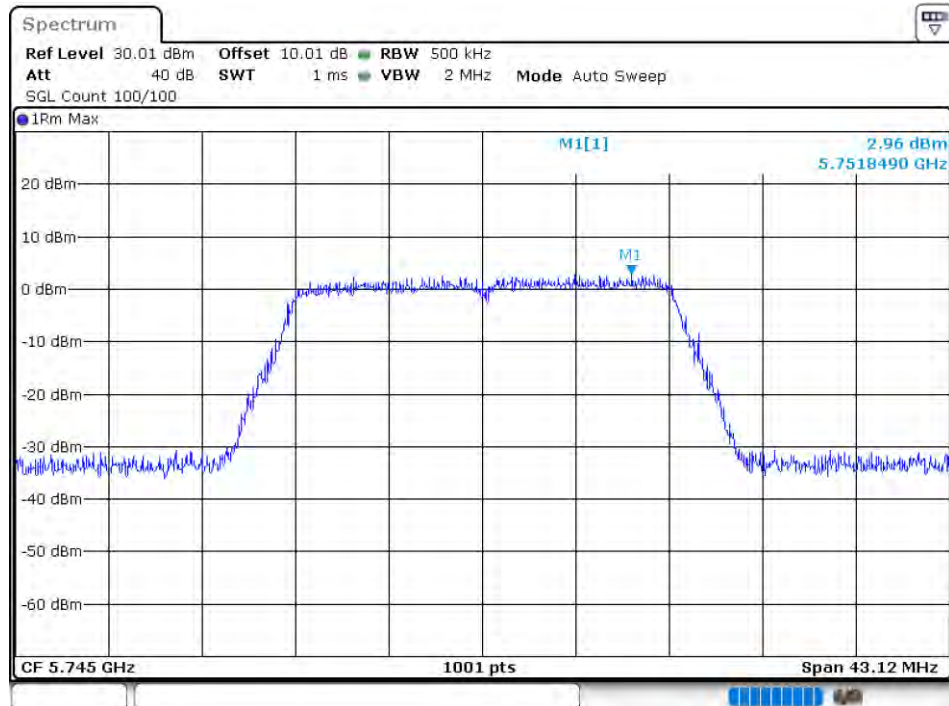
PSD NVNT 802.11n(HT20) 5785MHz Ant 1



PSD NVNT 802.11n(HT20) 5825MHz Ant 1



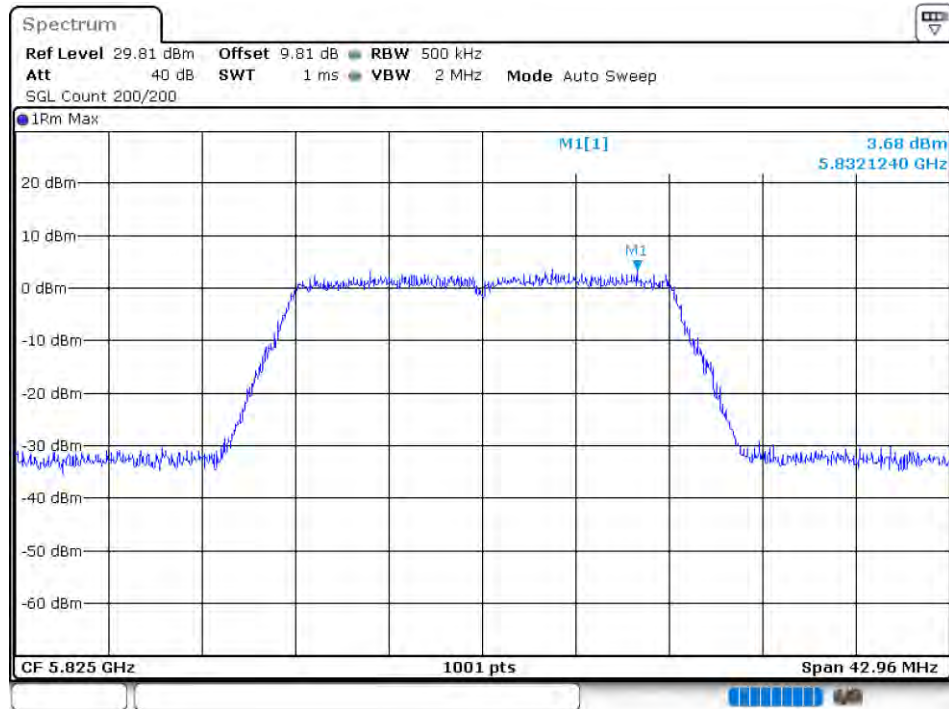
PSD NVNT 802.11n(HT20) 5745MHz Ant 2



PSD NVNT 802.11n(HT20) 5785MHz Ant 2



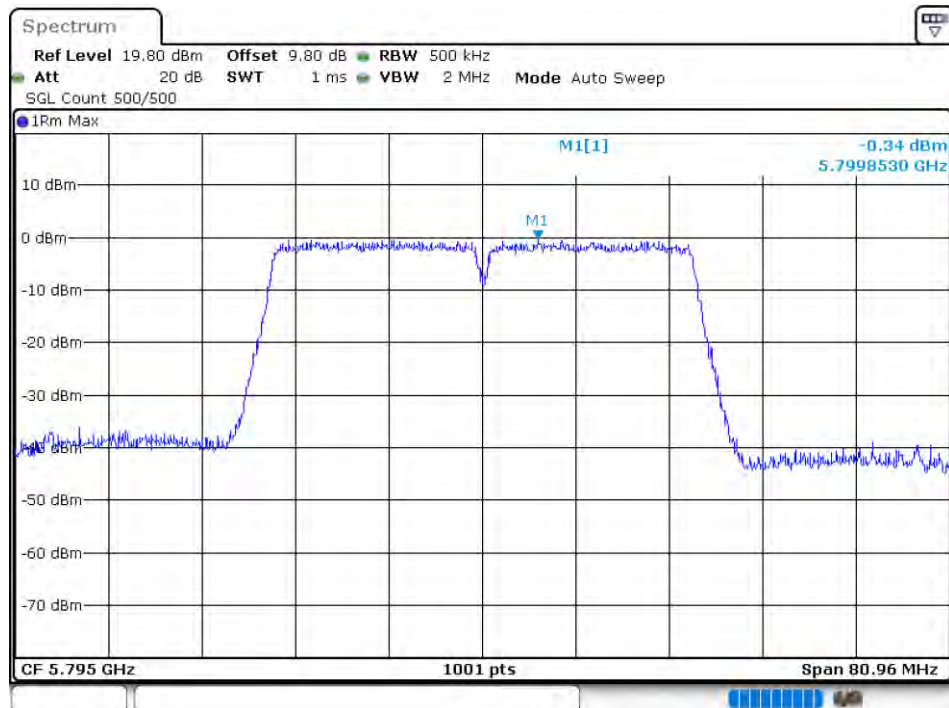
PSD NVNT 802.11n(HT20) 5825MHz Ant 2



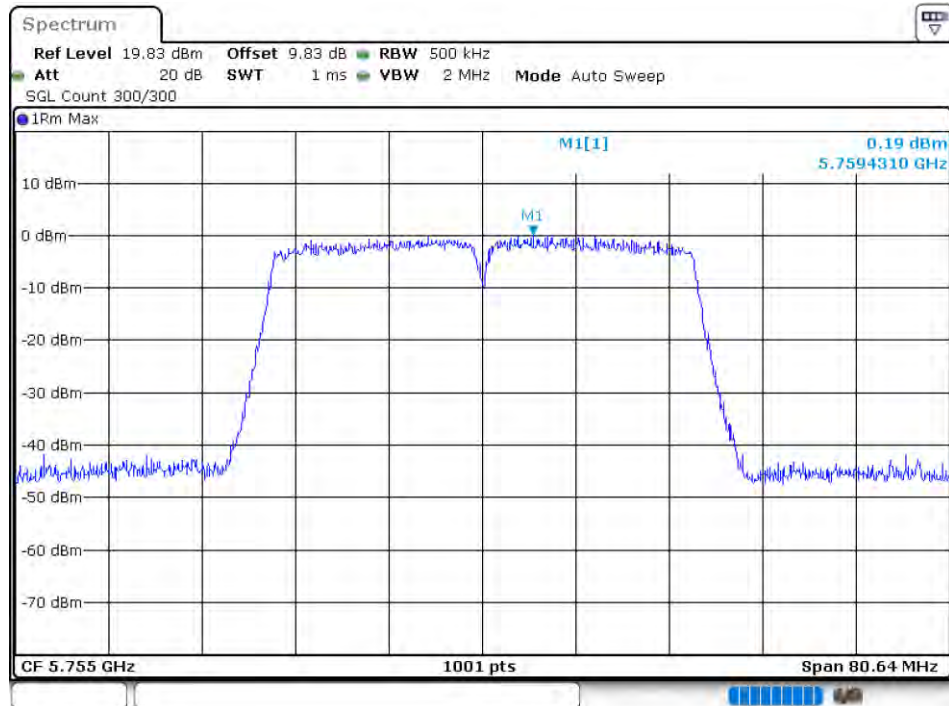
PSD NVNT 802.11n(HT40) 5755MHz Ant 1



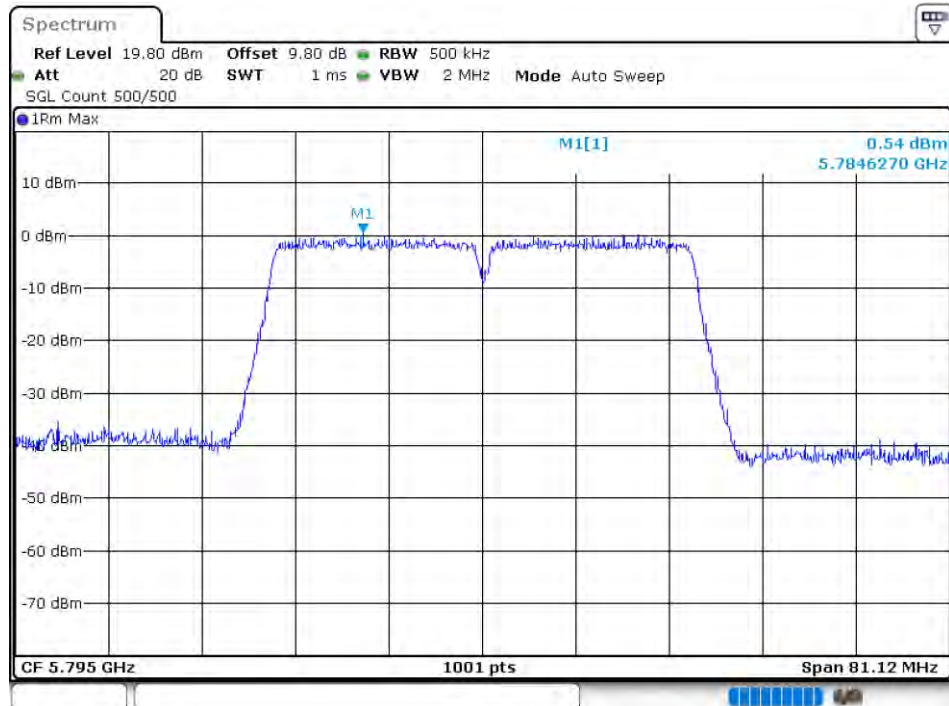
PSD NVNT 802.11n(HT40) 5795MHz Ant 1



PSD NVNT 802.11n(HT40) 5755MHz Ant 2



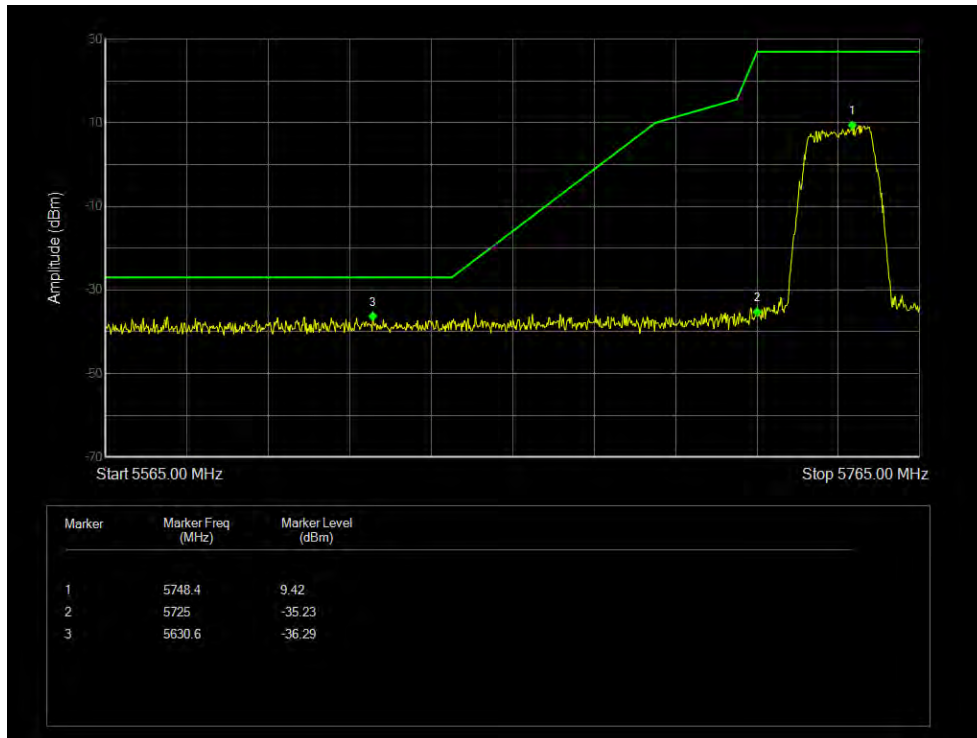
PSD NVNT 802.11n(HT40) 5795MHz Ant 2



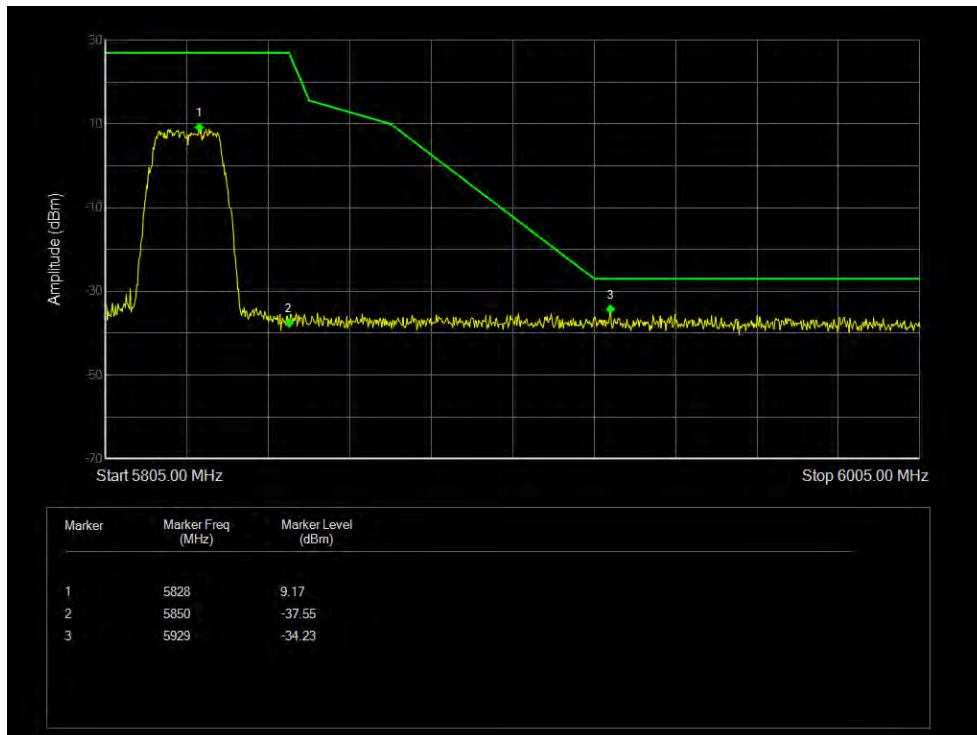
## Band Edge

| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11a       | 5745            | Ant 1   | -36.29          | -27         | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 1   | -34.23          | -27         | Pass    |
| NVNT      | 802.11a       | 5745            | Ant 2   | -35.84          | -27         | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 2   | -34.89          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 1   | -35.39          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | -34.93          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 2   | -36.49          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 2   | -34.9           | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | -36.3           | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | -35.64          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 2   | -36.73          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 2   | -35.34          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -36.41          | -2.87       | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -37.37          | -23         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 2   | -36.55          | -3.76       | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 2   | -36.86          | -23         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | -34.97          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | -35.08          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 2   | -35.83          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 2   | -35.37          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | -36.46          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | -35.79          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 2   | -36.03          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 2   | -35.38          | -27         | Pass    |

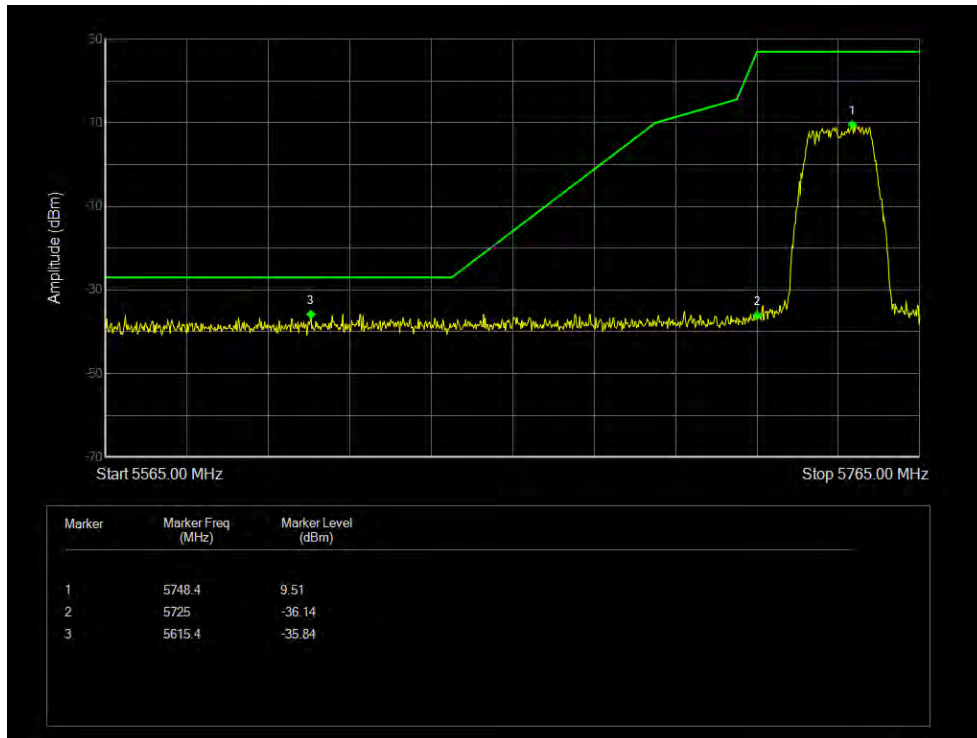
Band Edge NVNT 802.11a 5745MHz Low Ant 1



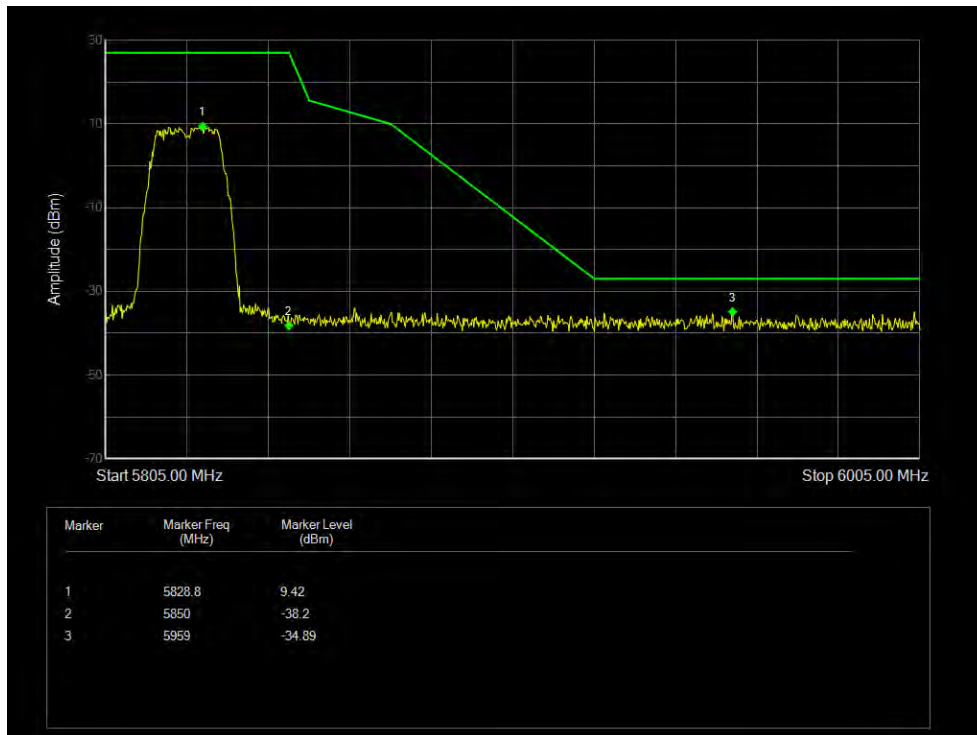
Band Edge NVNT 802.11a 5825MHz High Ant 1



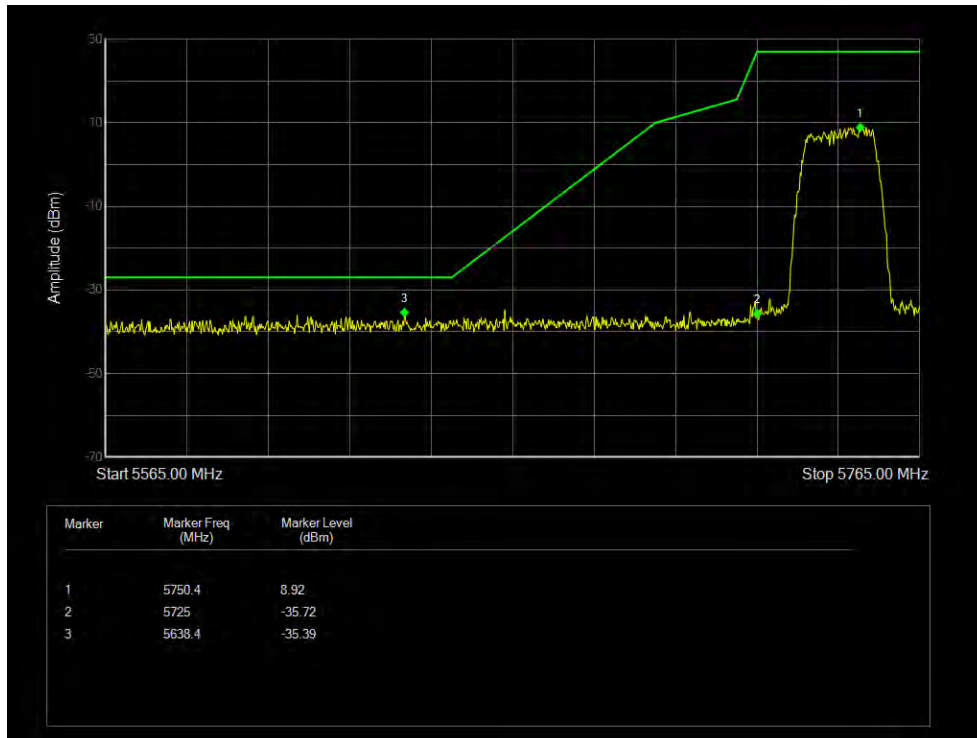
Band Edge NVNT 802.11a 5745MHz Low Ant 2



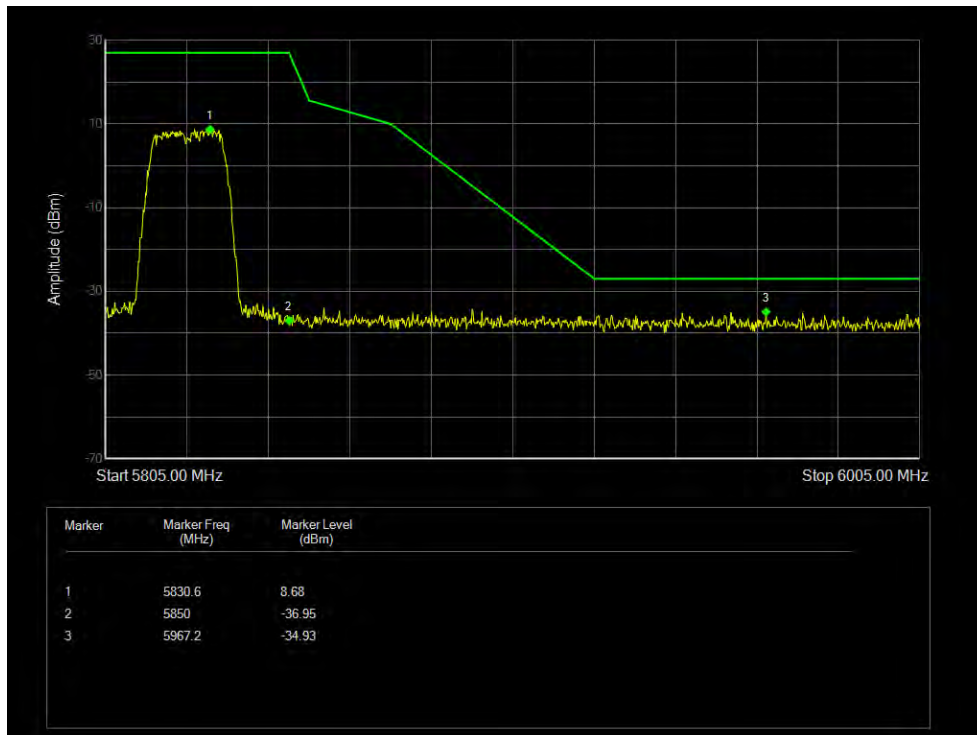
Band Edge NVNT 802.11a 5825MHz High Ant 2



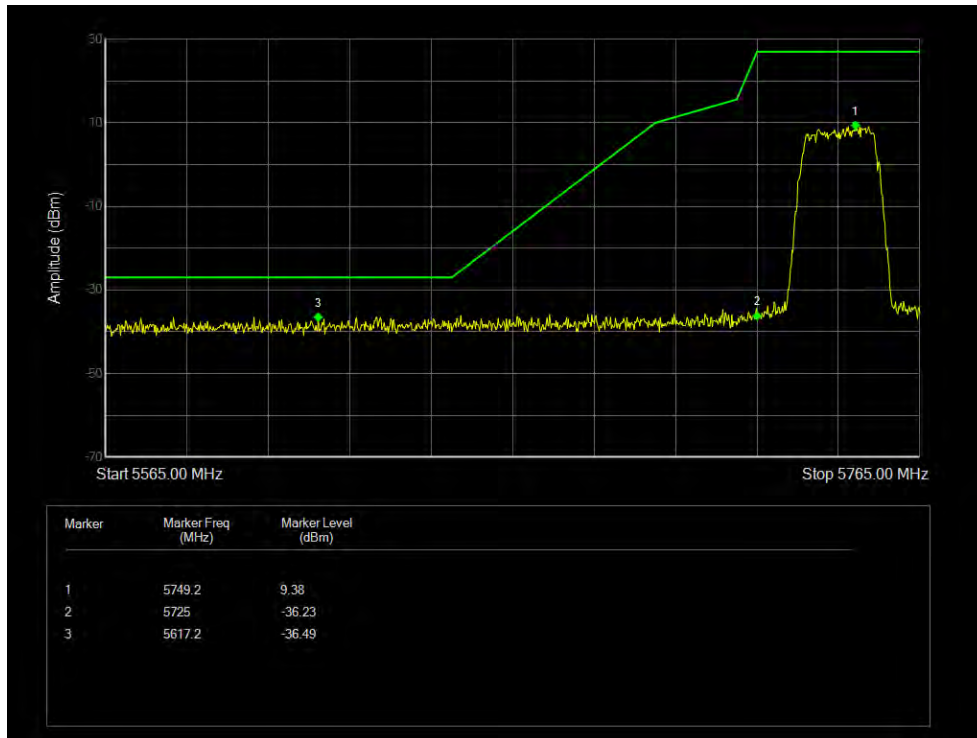
Band Edge NVNT 802.11ac20 5745MHz Low Ant 1



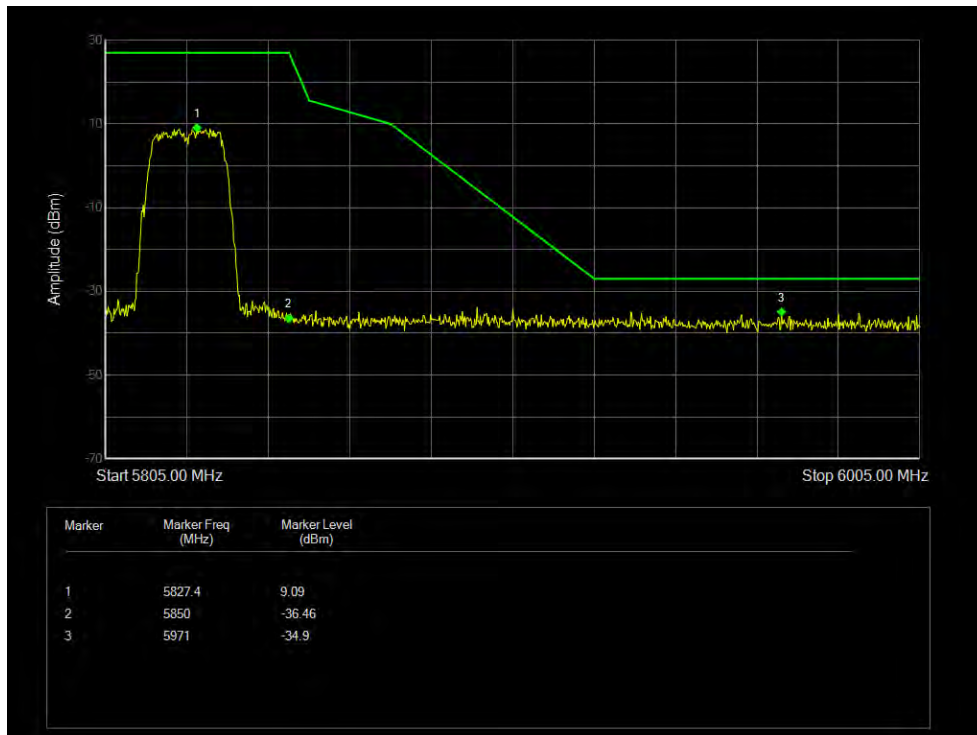
Band Edge NVNT 802.11ac20 5825MHz High Ant 1



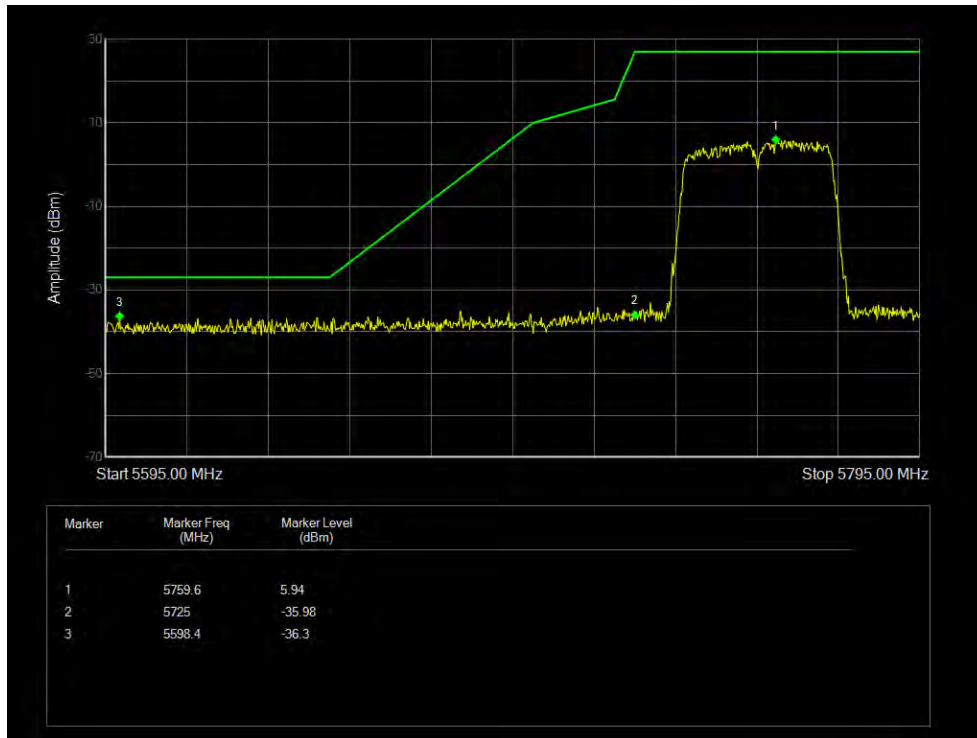
Band Edge NVNT 802.11ac20 5745MHz Low Ant 2



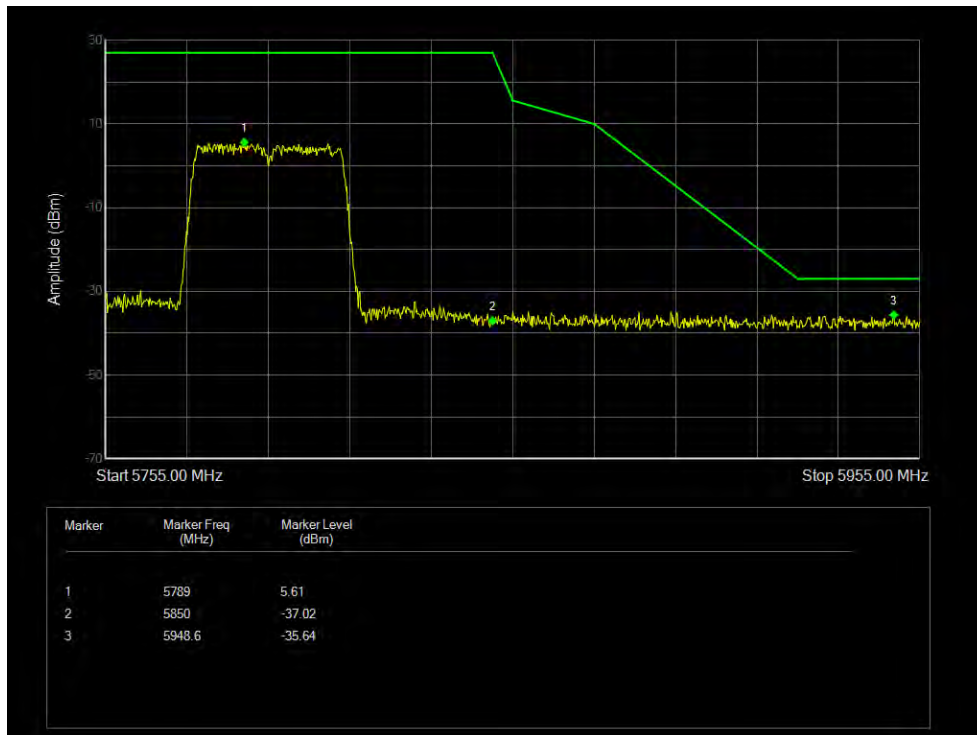
Band Edge NVNT 802.11ac20 5825MHz High Ant 2



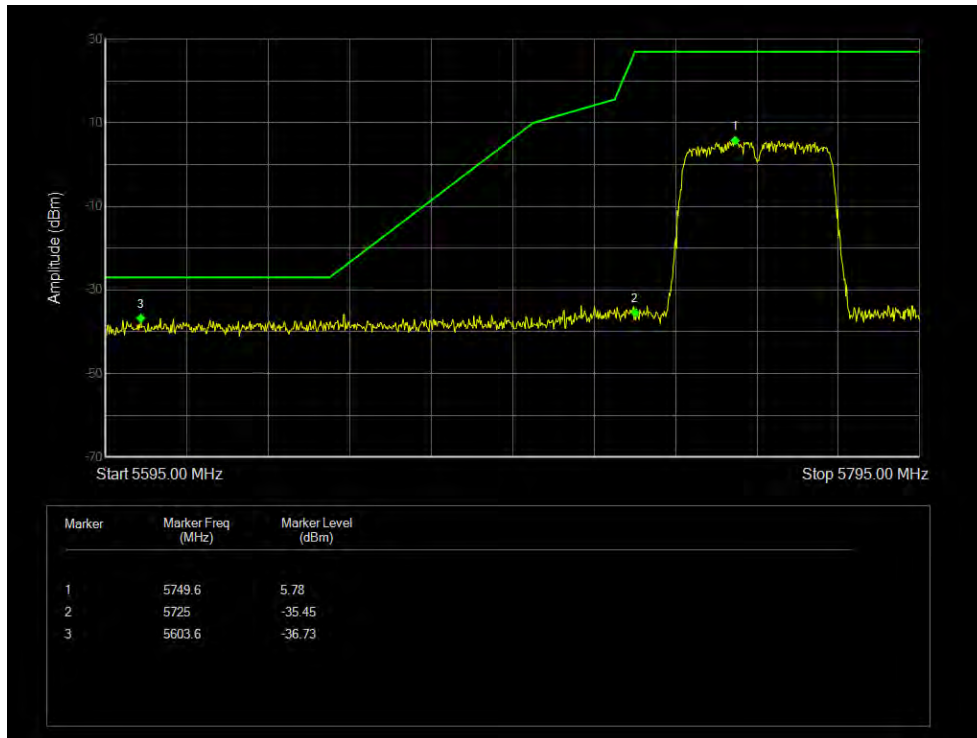
Band Edge NVNT 802.11ac40 5755MHz Low Ant 1



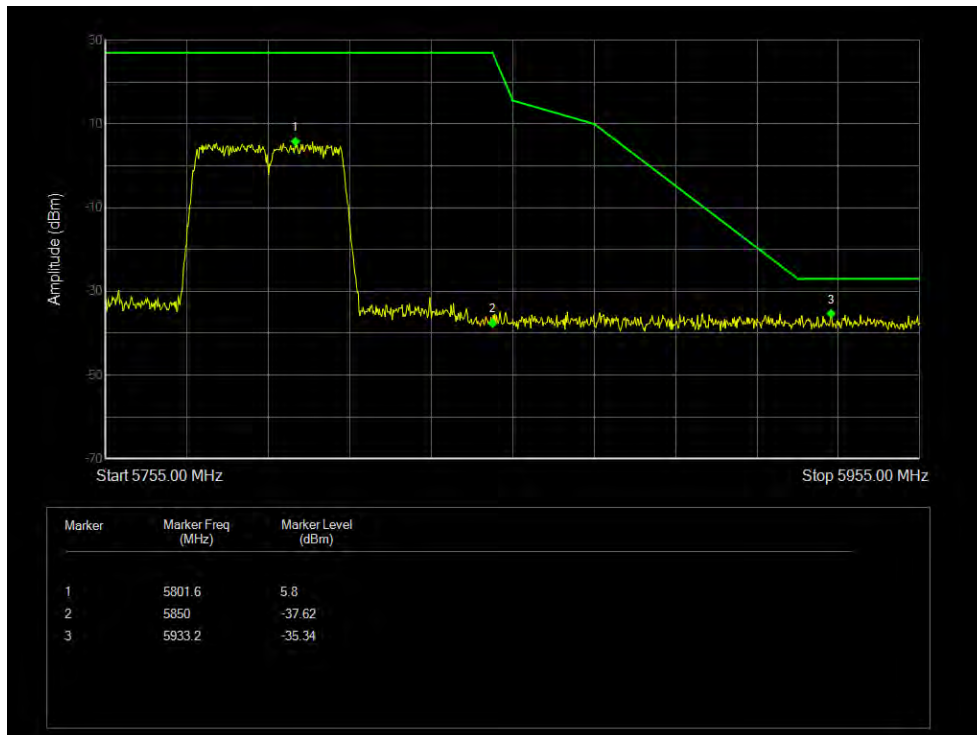
Band Edge NVNT 802.11ac40 5795MHz High Ant 1



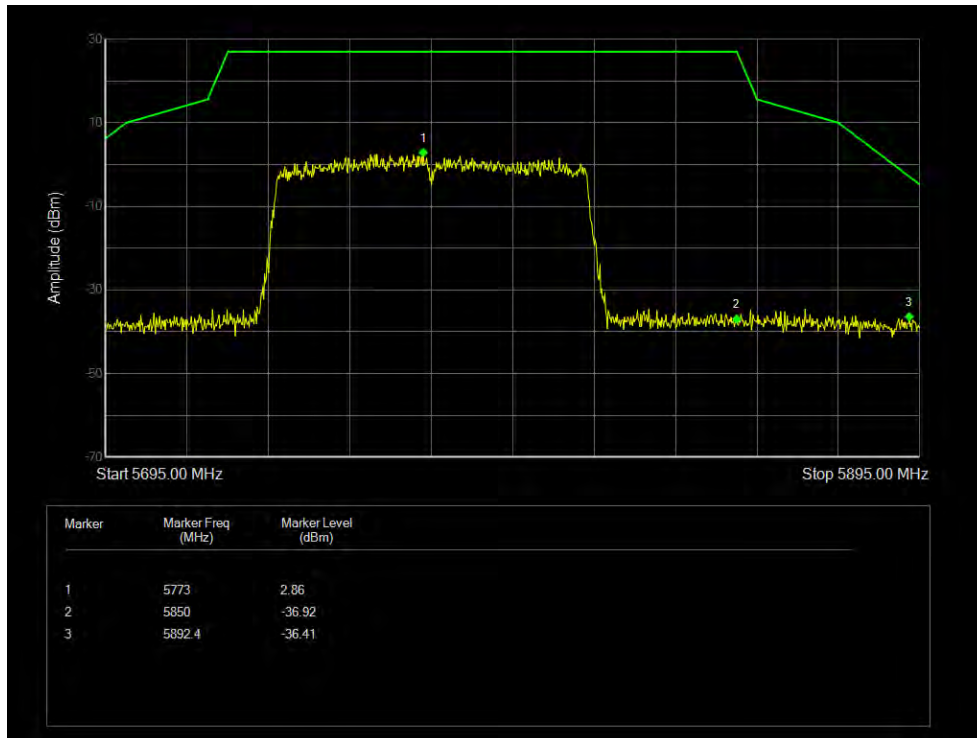
Band Edge NVNT 802.11ac40 5755MHz Low Ant 2



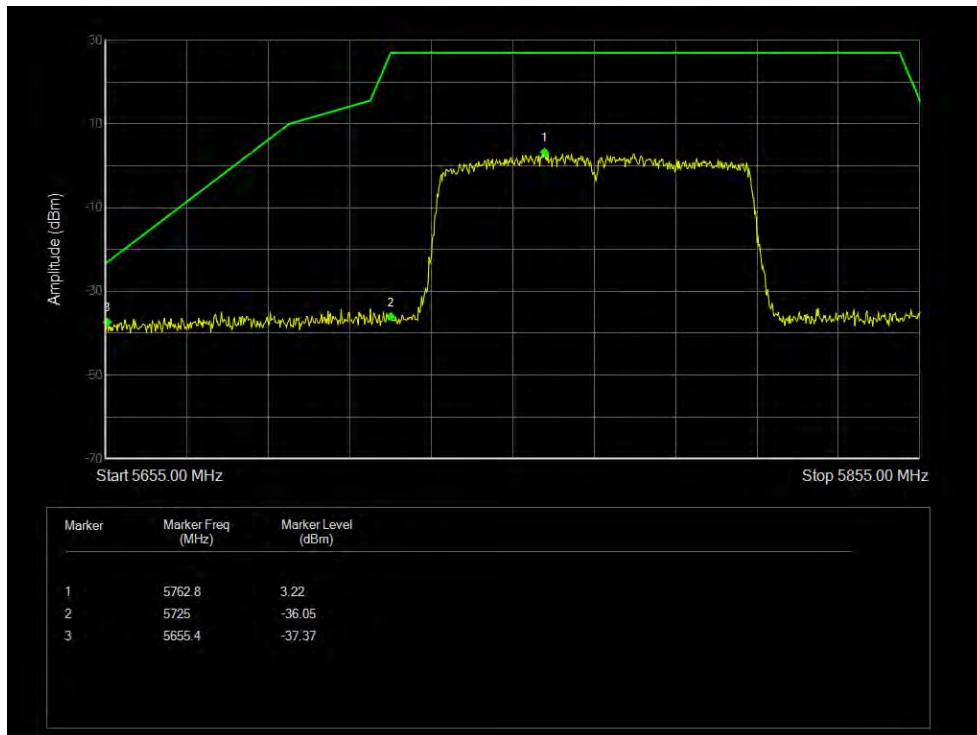
Band Edge NVNT 802.11ac40 5795MHz High Ant 2



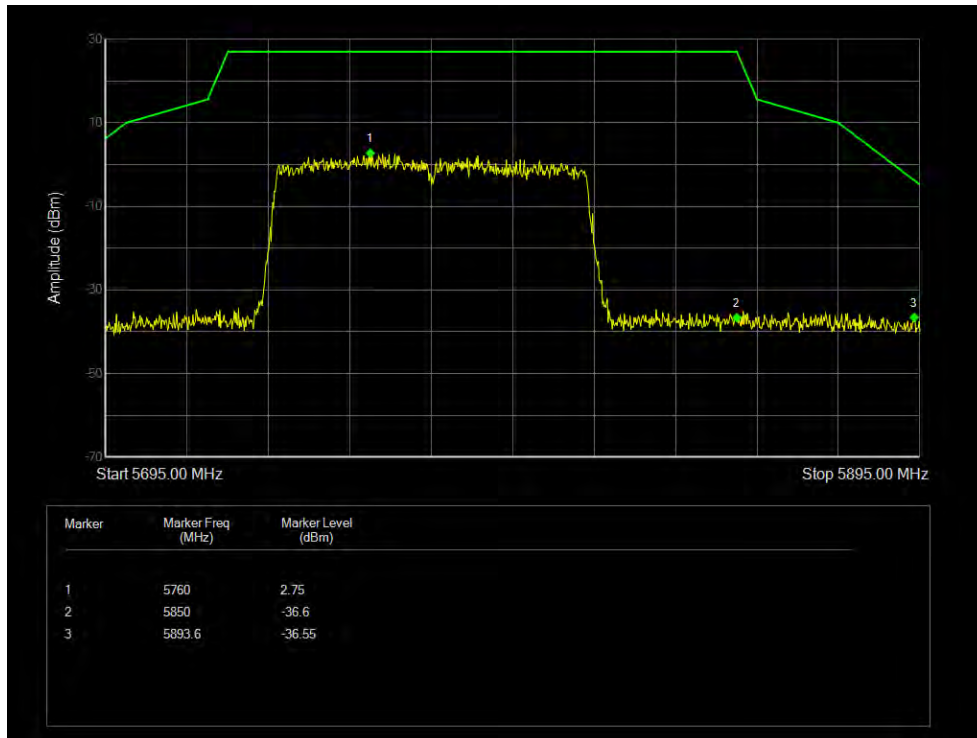
Band Edge NVNT 802.11ac80 5775MHz High Ant 1



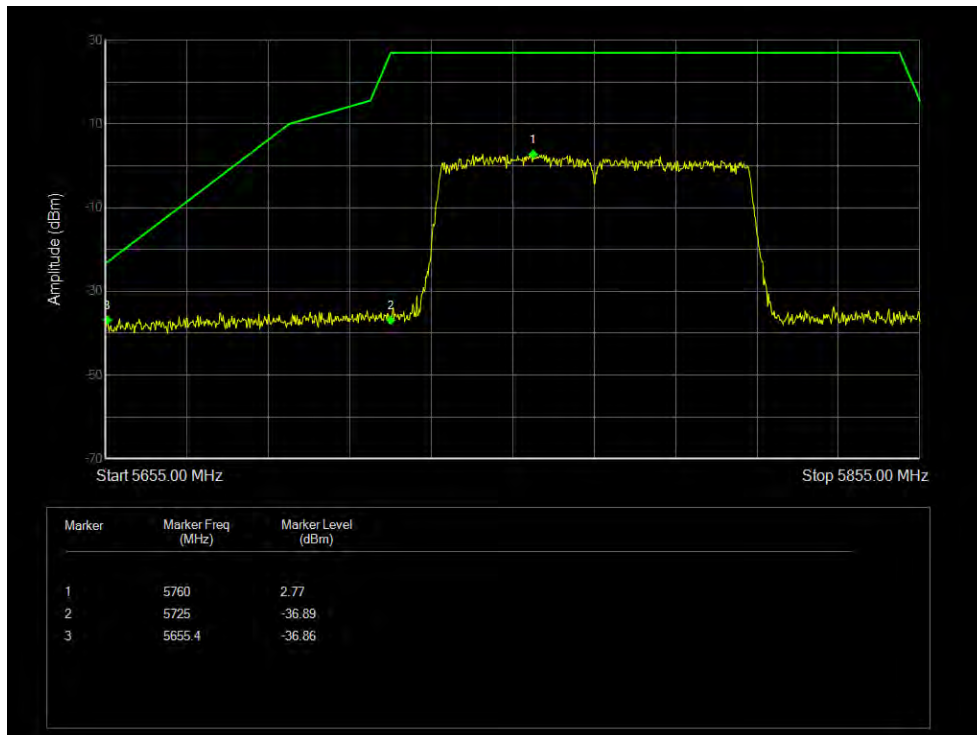
Band Edge NVNT 802.11ac80 5775MHz Low Ant 1



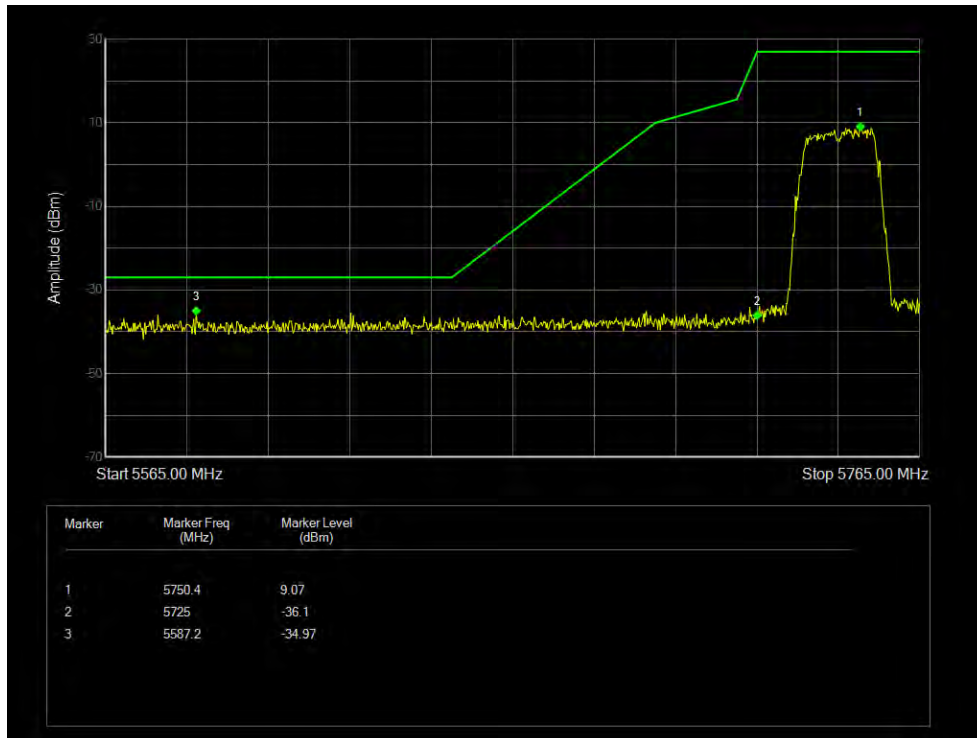
Band Edge NVNT 802.11ac80 5775MHz High Ant 2



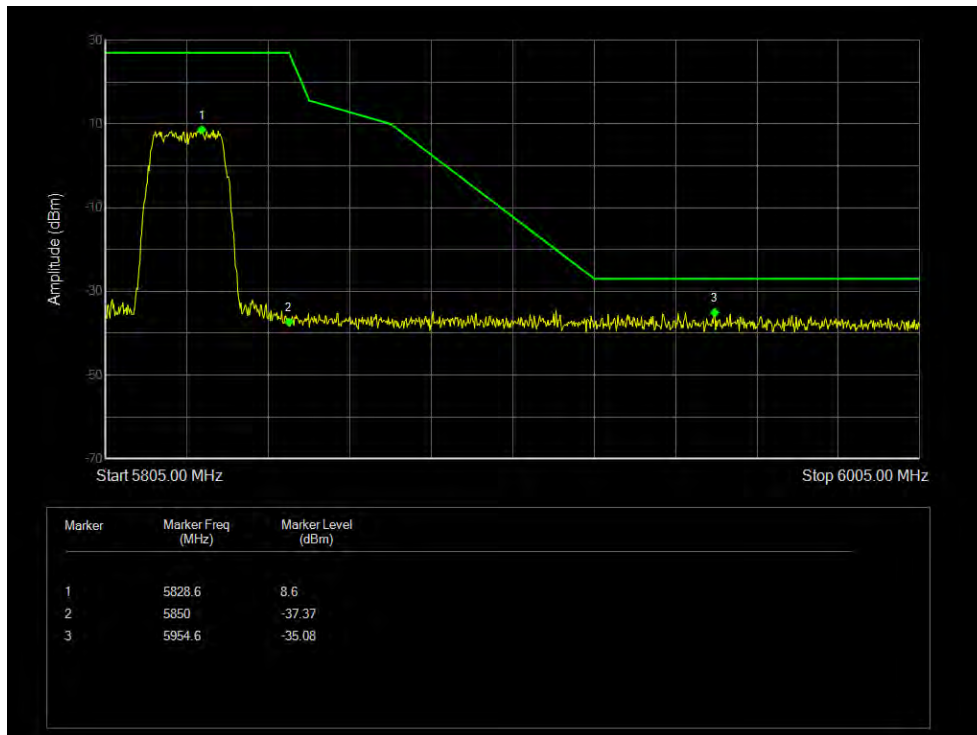
Band Edge NVNT 802.11ac80 5775MHz Low Ant 2



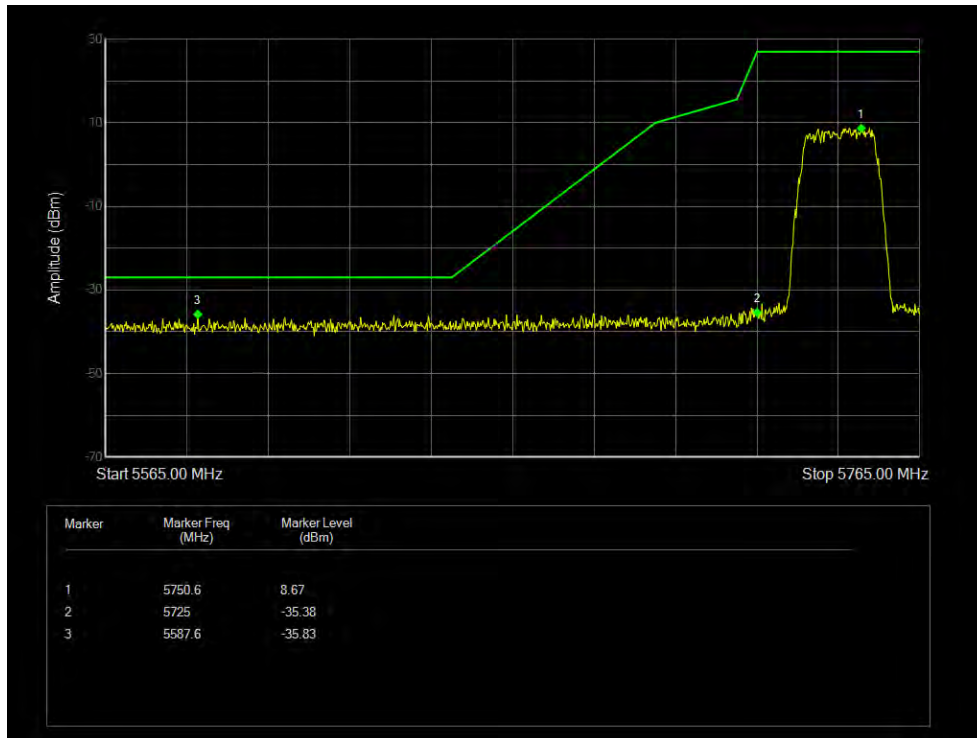
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant 1



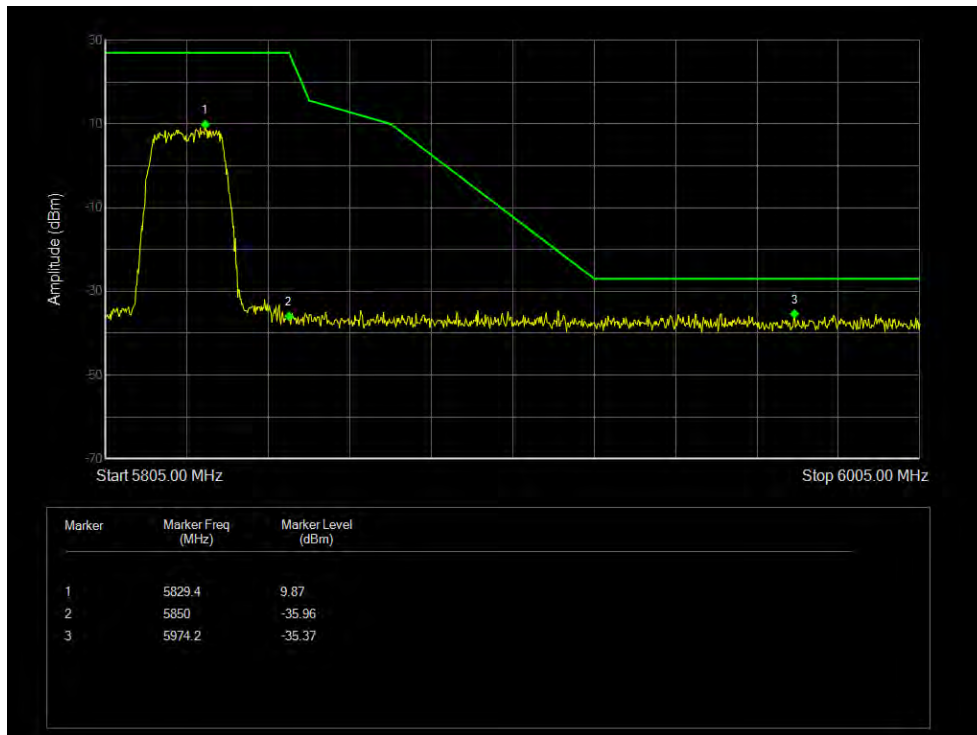
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant 1



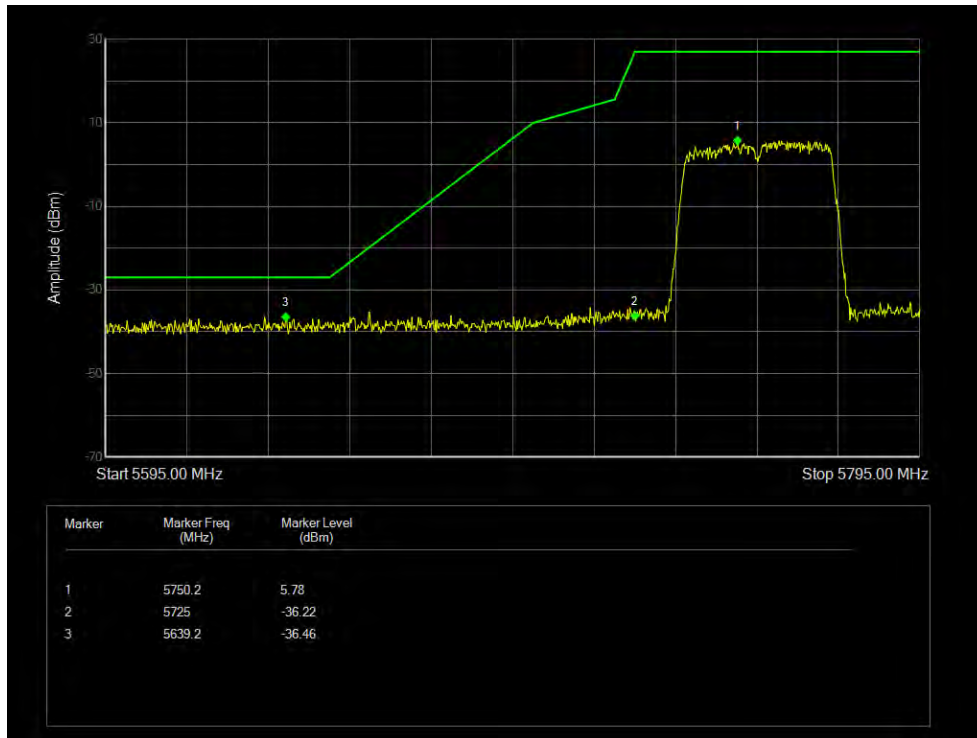
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant 2



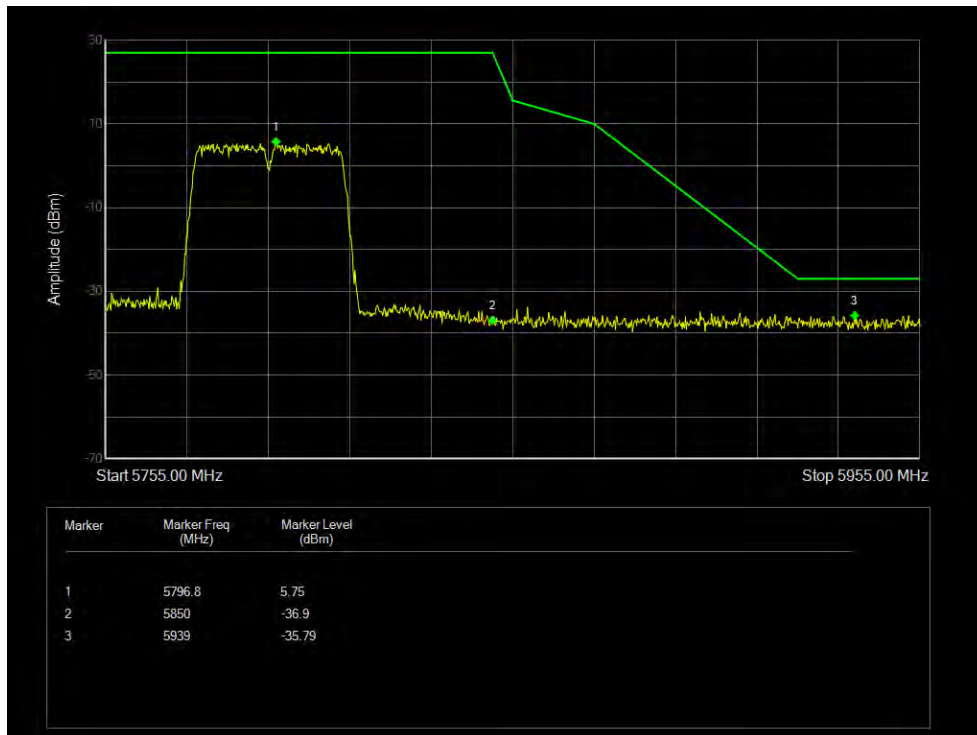
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant 2



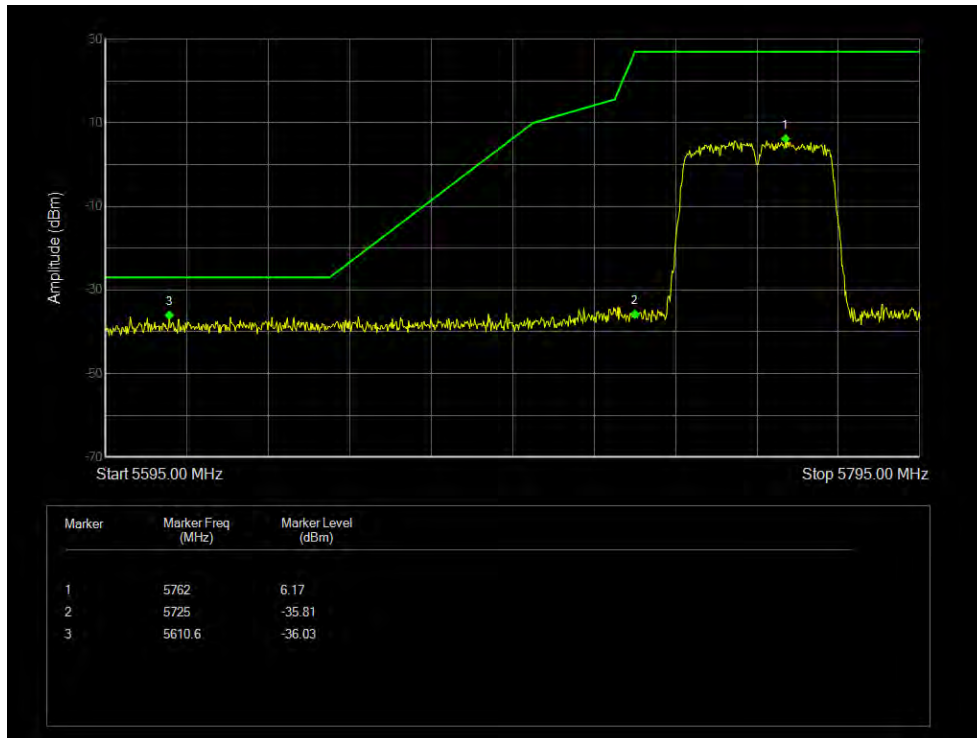
Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant 1



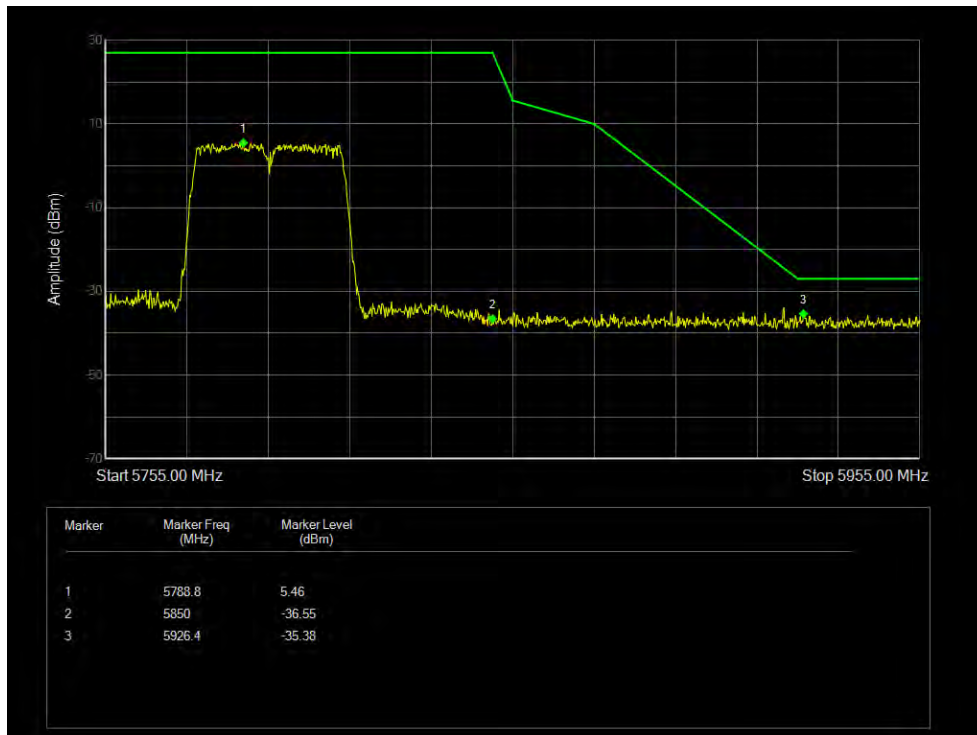
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 1



Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant 2



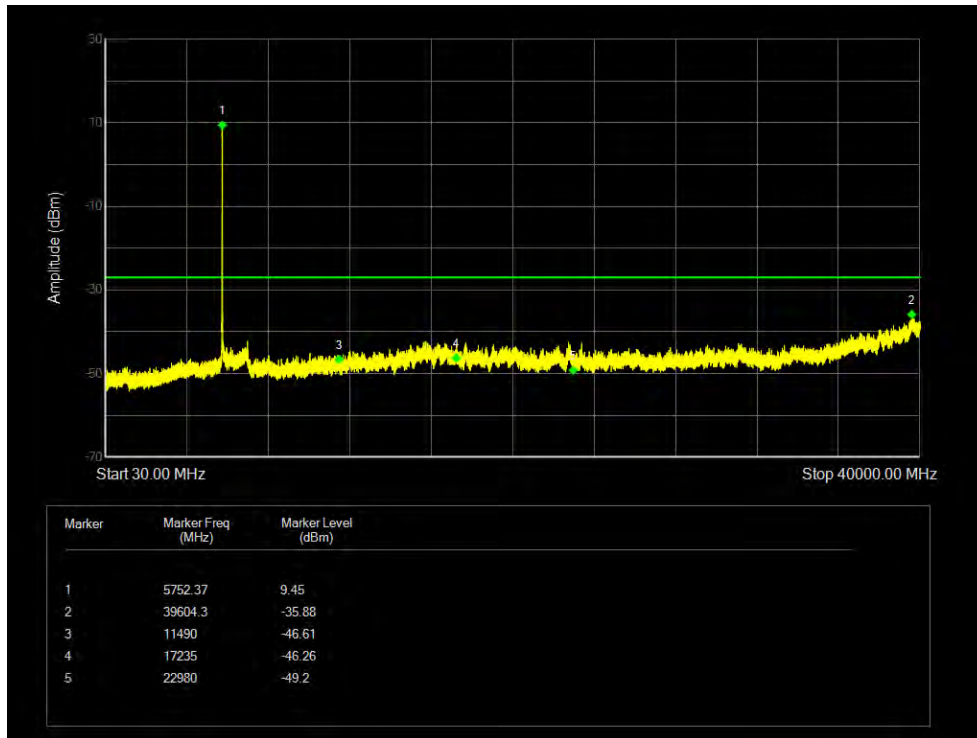
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 2



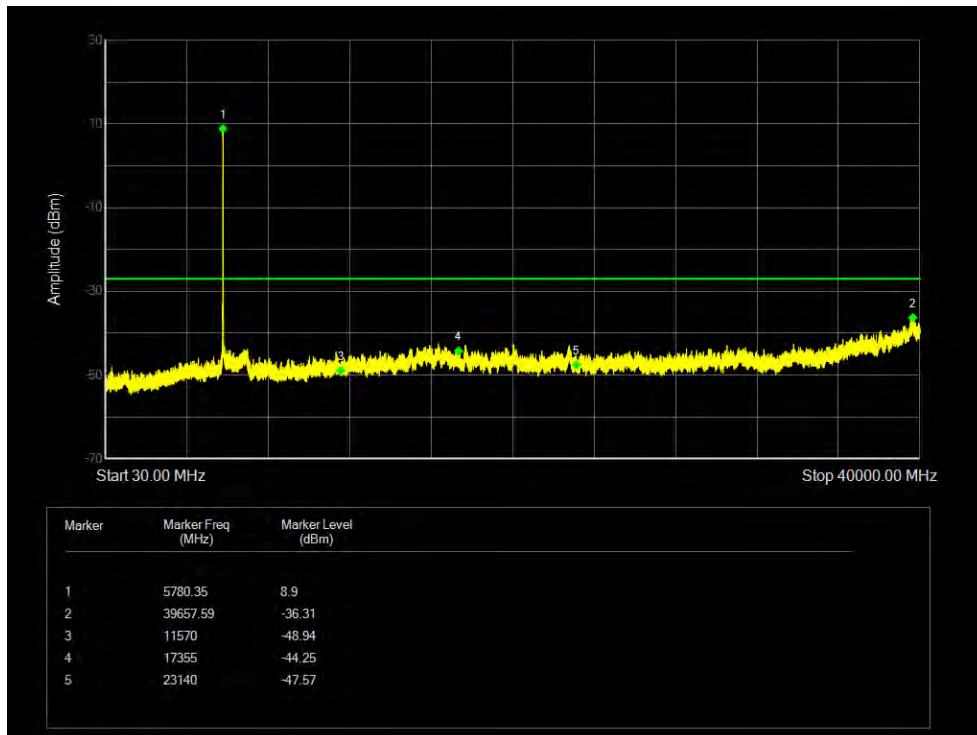
## Conducted RF Spurious Emission

| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11a       | 5745            | Ant 1   | -35.88          | -27         | Pass    |
| NVNT      | 802.11a       | 5785            | Ant 1   | -36.31          | -27         | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 1   | -36.42          | -27         | Pass    |
| NVNT      | 802.11a       | 5745            | Ant 2   | -35.99          | -27         | Pass    |
| NVNT      | 802.11a       | 5785            | Ant 2   | -36.37          | -27         | Pass    |
| NVNT      | 802.11a       | 5825            | Ant 2   | -36.34          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 1   | -36.46          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | -35.91          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | -36.23          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 2   | -35.85          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 2   | -36.85          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 2   | -35.66          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | -35.87          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | -35.6           | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 2   | -35.91          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 2   | -35.45          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -36.28          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 2   | -35.96          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | -35.27          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | -35.9           | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | -36.66          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 2   | -36.01          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 2   | -36.13          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 2   | -36.37          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | -35.82          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | -36.05          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 2   | -35.94          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 2   | -35.94          | -27         | Pass    |

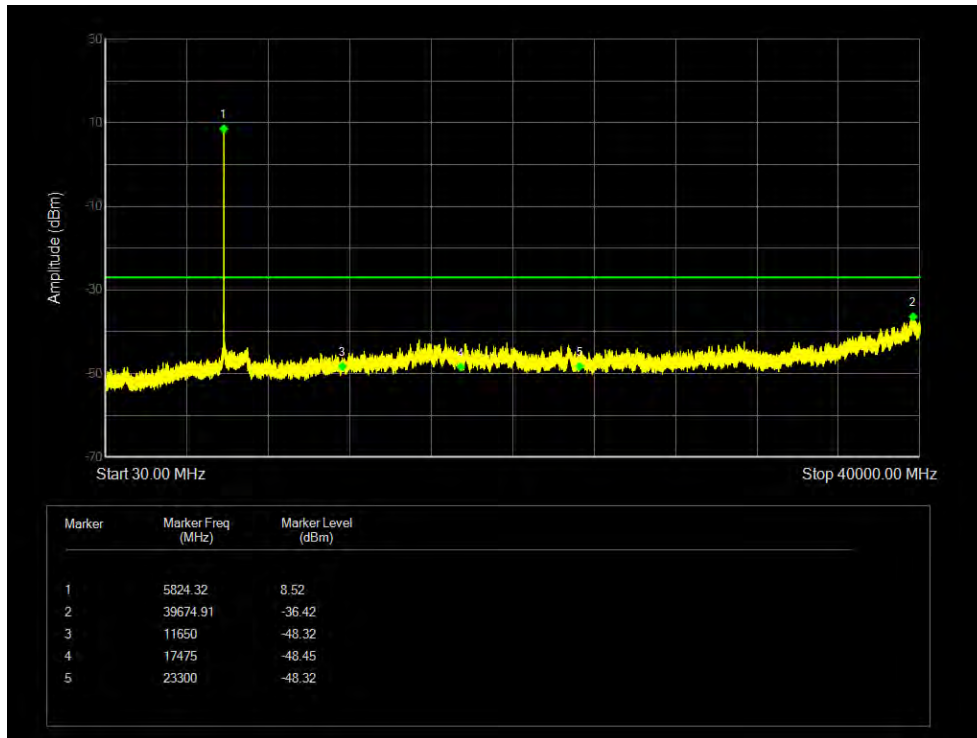
Tx. Spurious NVNT 802.11a 5745MHz Ant 1 Emission



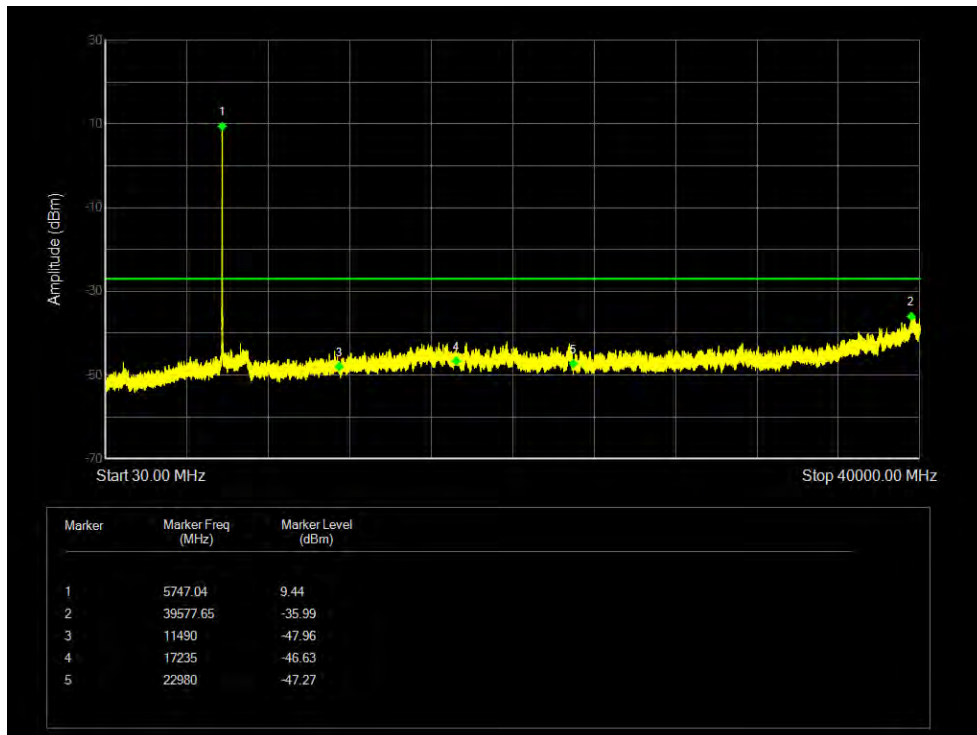
Tx. Spurious NVNT 802.11a 5785MHz Ant 1 Emission



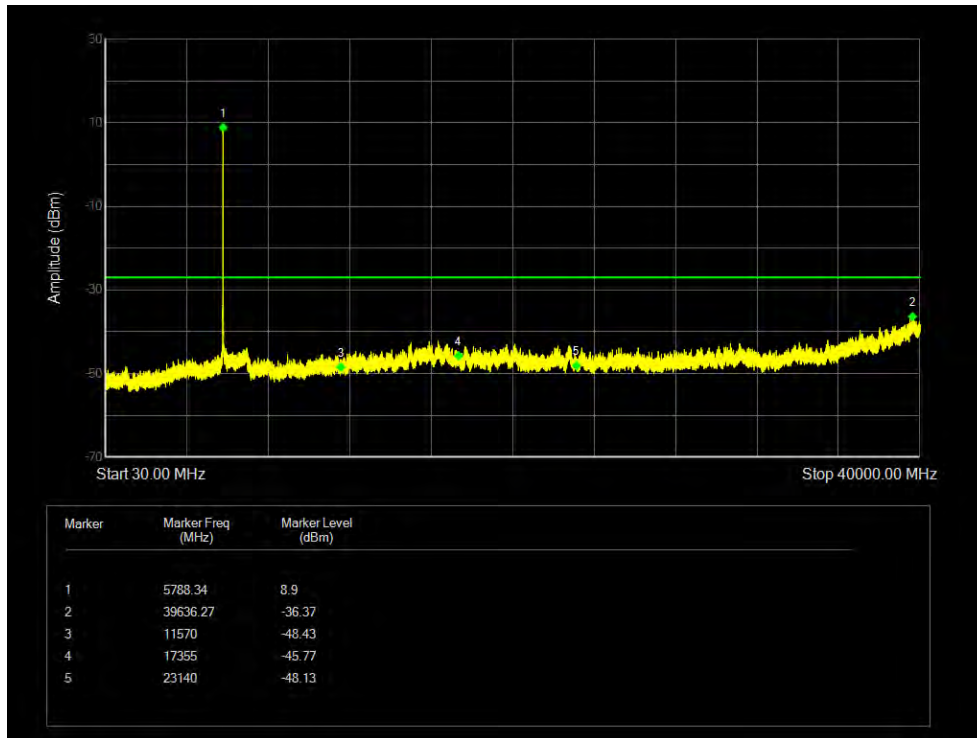
Tx. Spurious NVNT 802.11a 5825MHz Ant 1 Emission



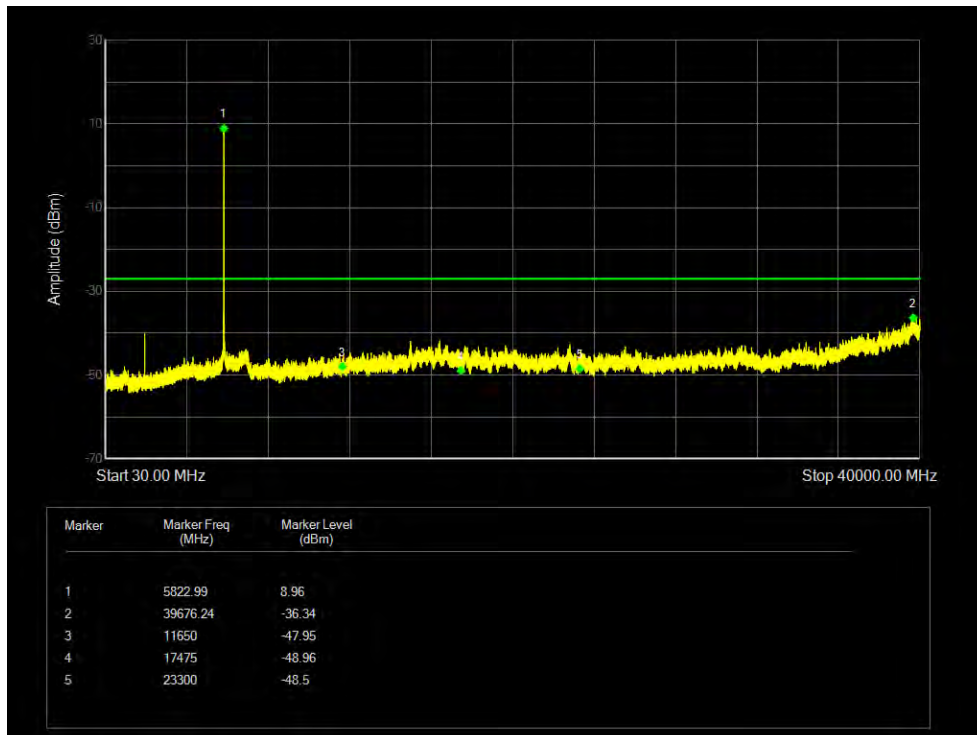
Tx. Spurious NVNT 802.11a 5745MHz Ant 2 Emission



Tx. Spurious NVNT 802.11a 5785MHz Ant 2 Emission



Tx. Spurious NVNT 802.11a 5825MHz Ant 2 Emission



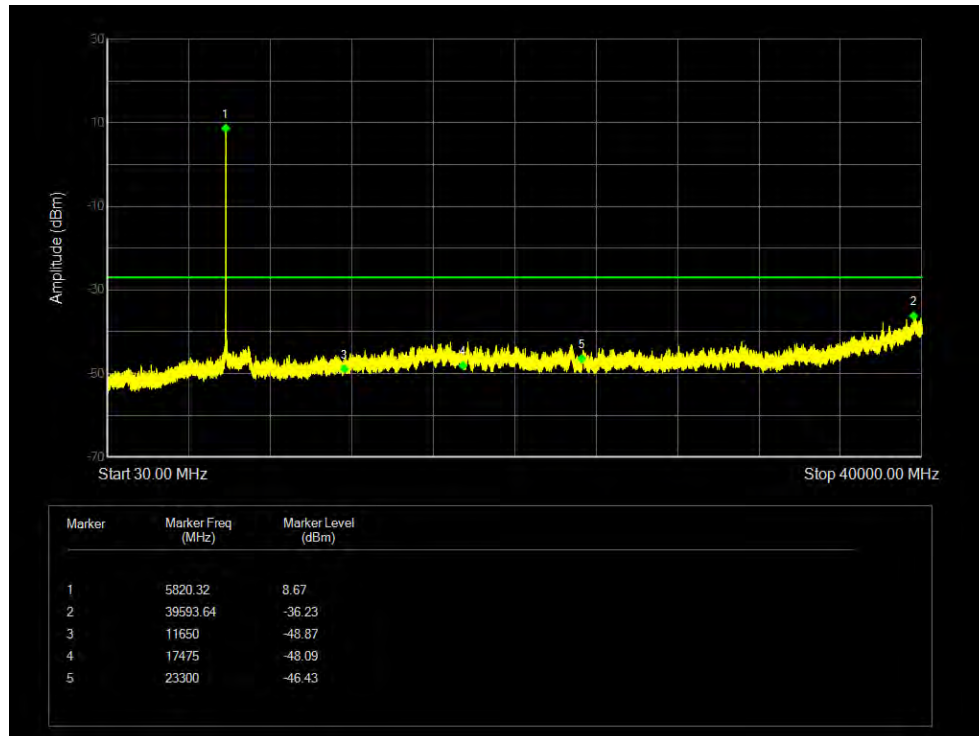
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 1 Emission



Tx. Spurious NVNT 802.11ac20 5785MHz Ant 1 Emission



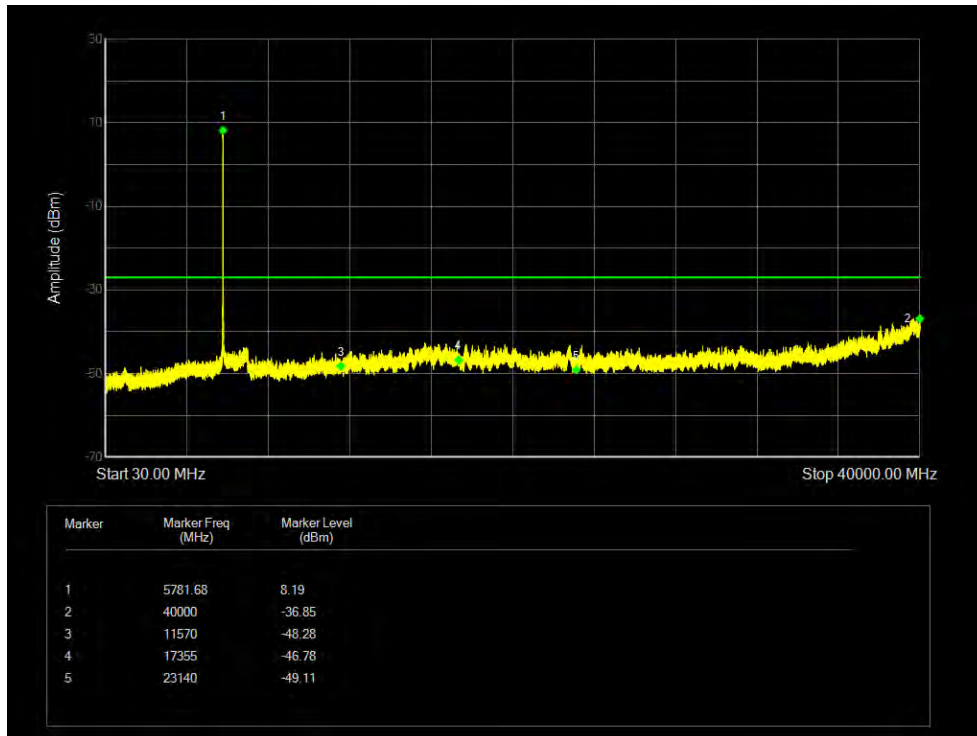
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 1 Emission



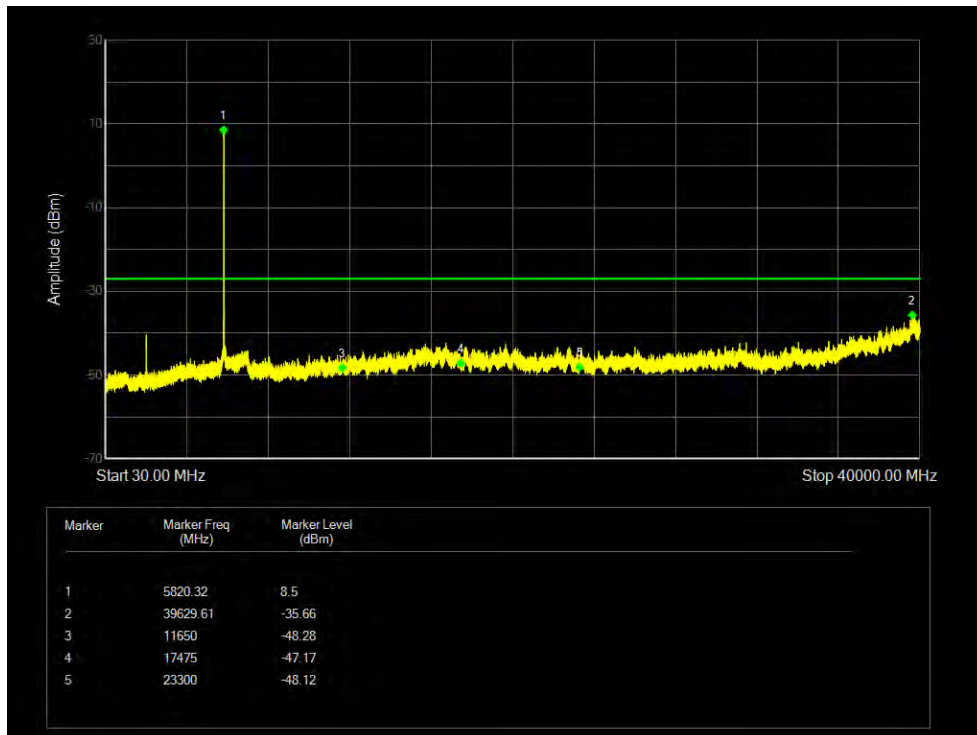
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 2 Emission



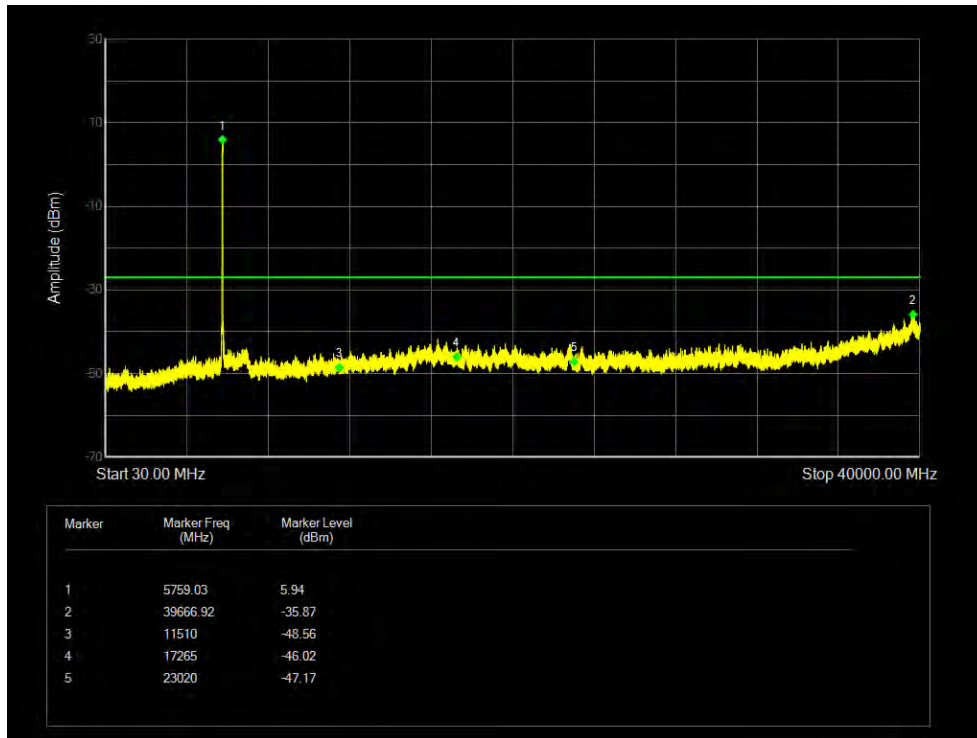
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 2 Emission



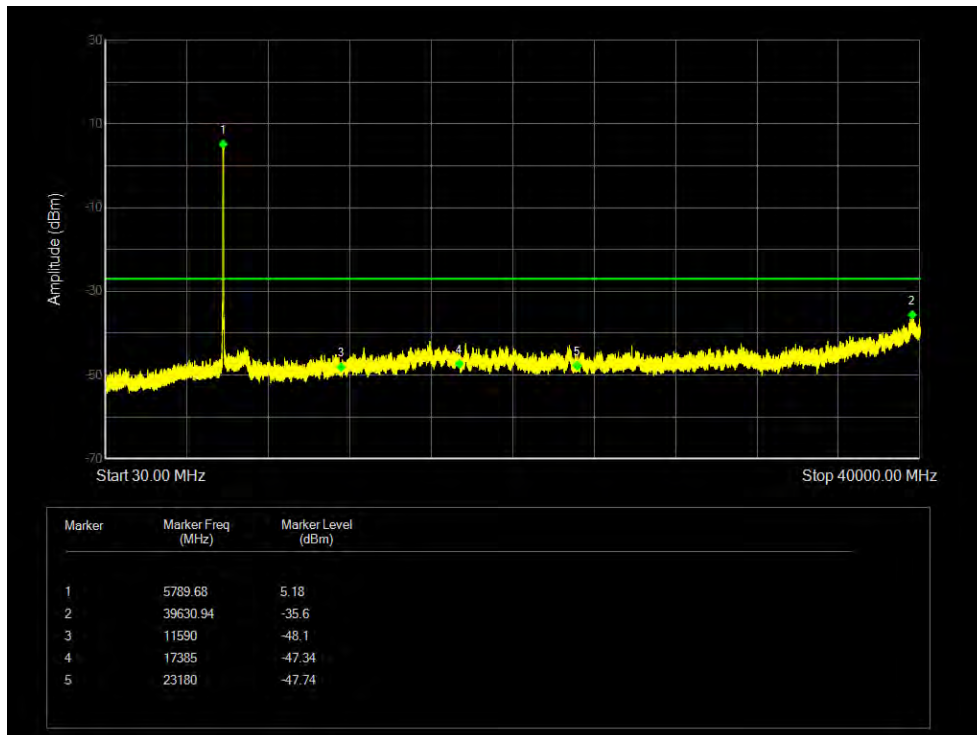
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 2 Emission



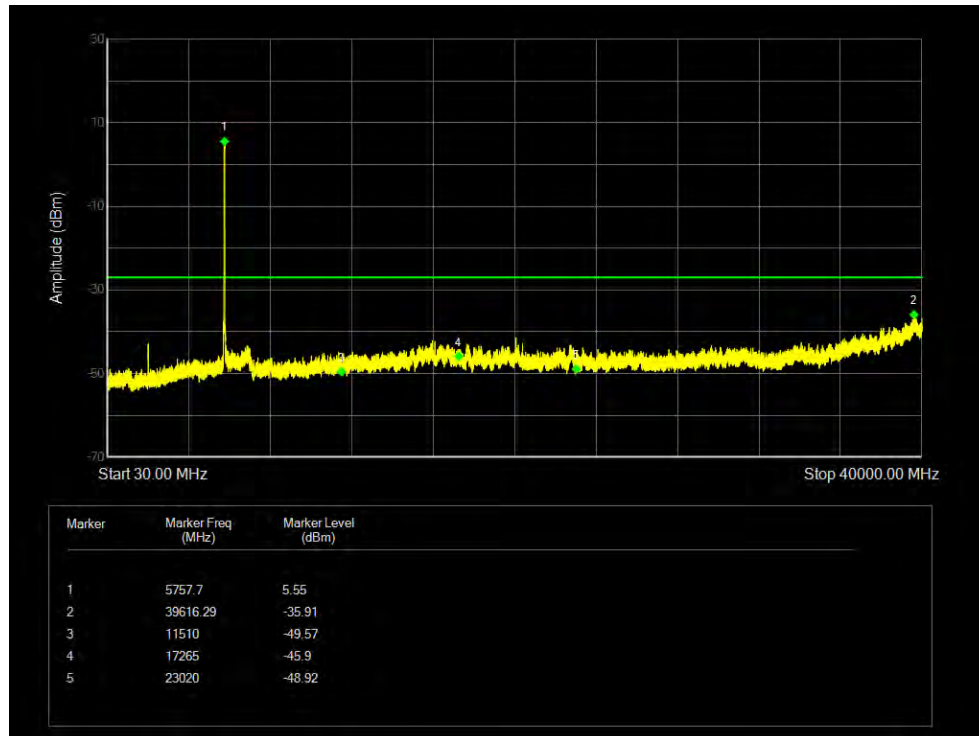
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 1 Emission



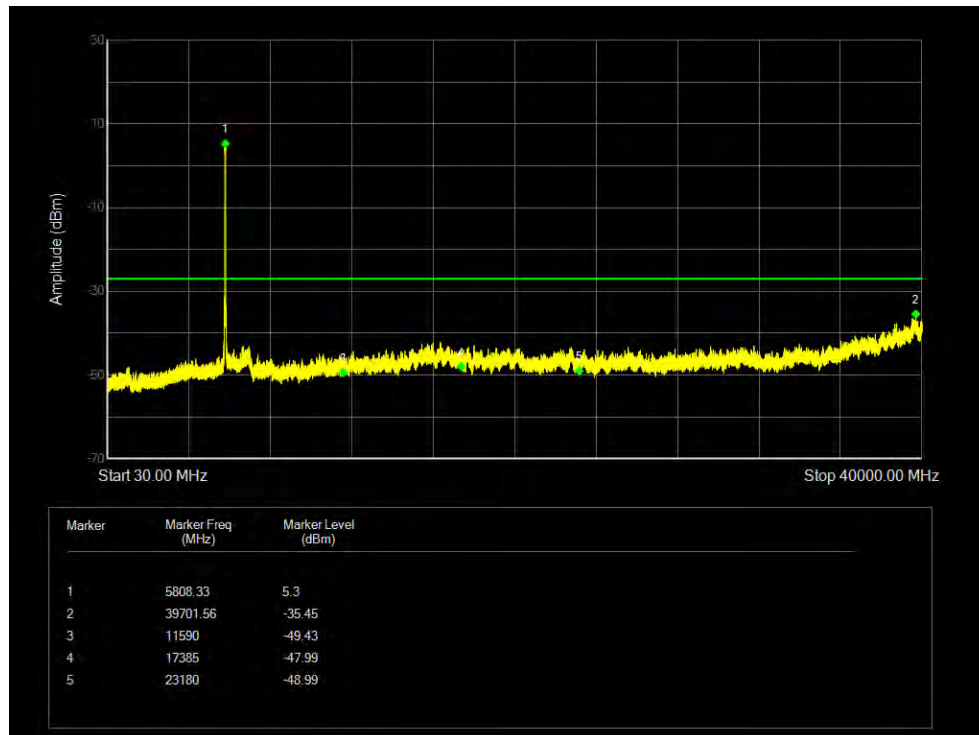
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 1 Emission



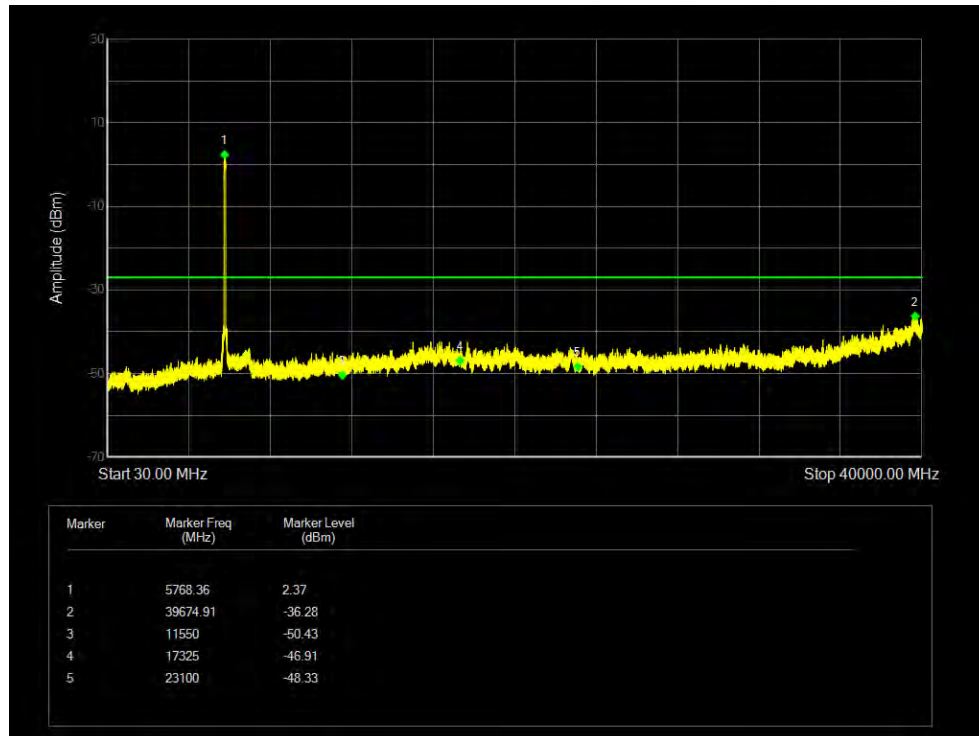
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 2 Emission



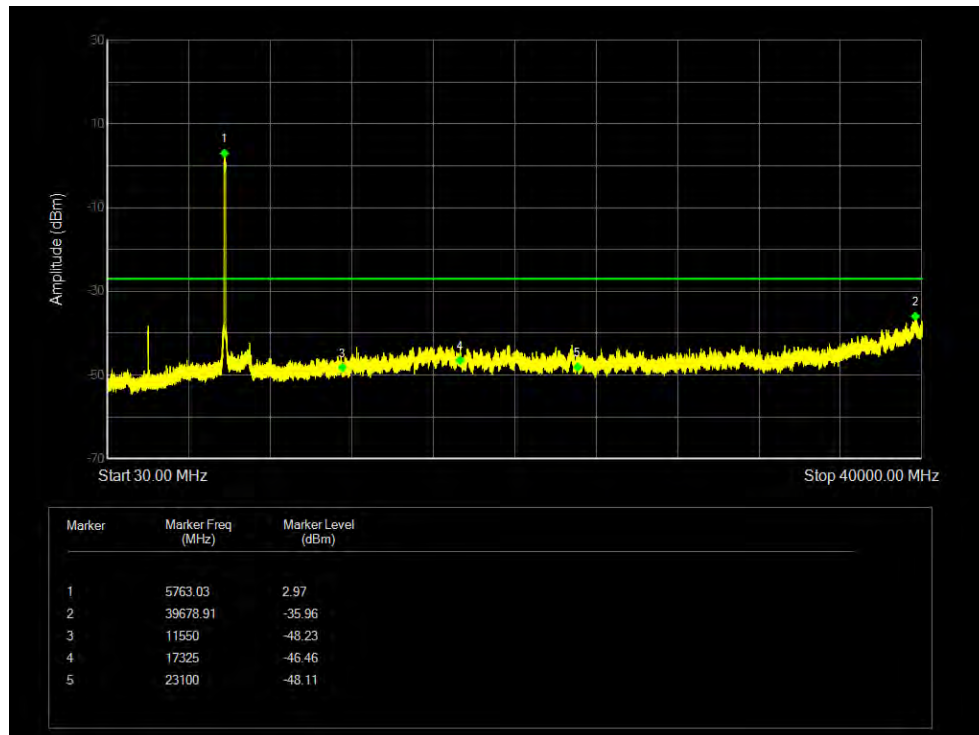
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 2 Emission



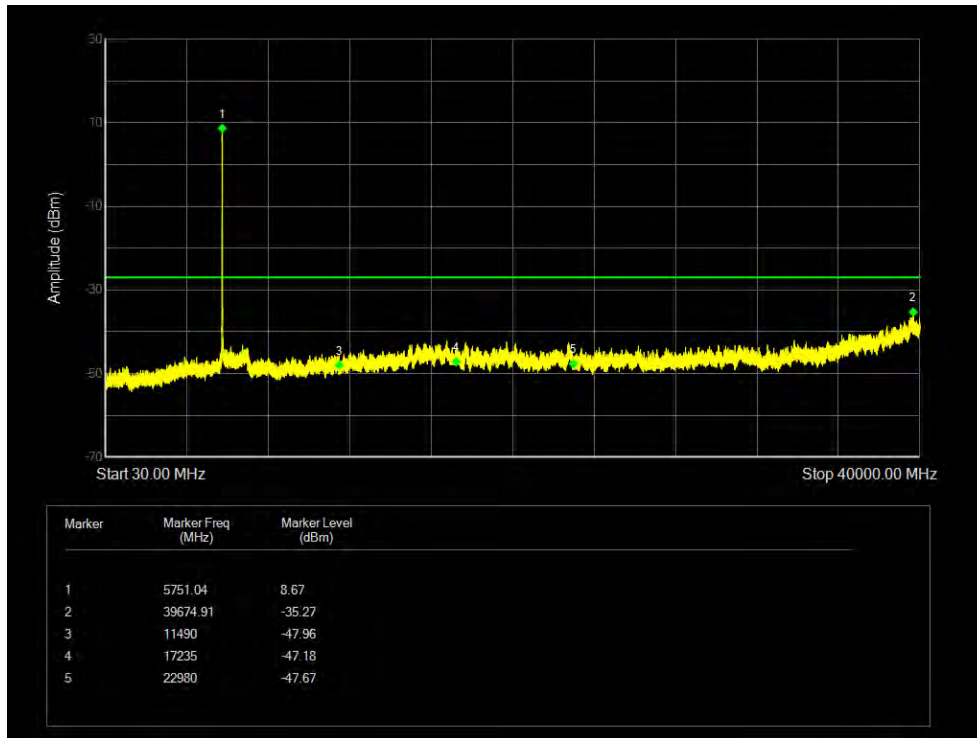
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 1 Emission



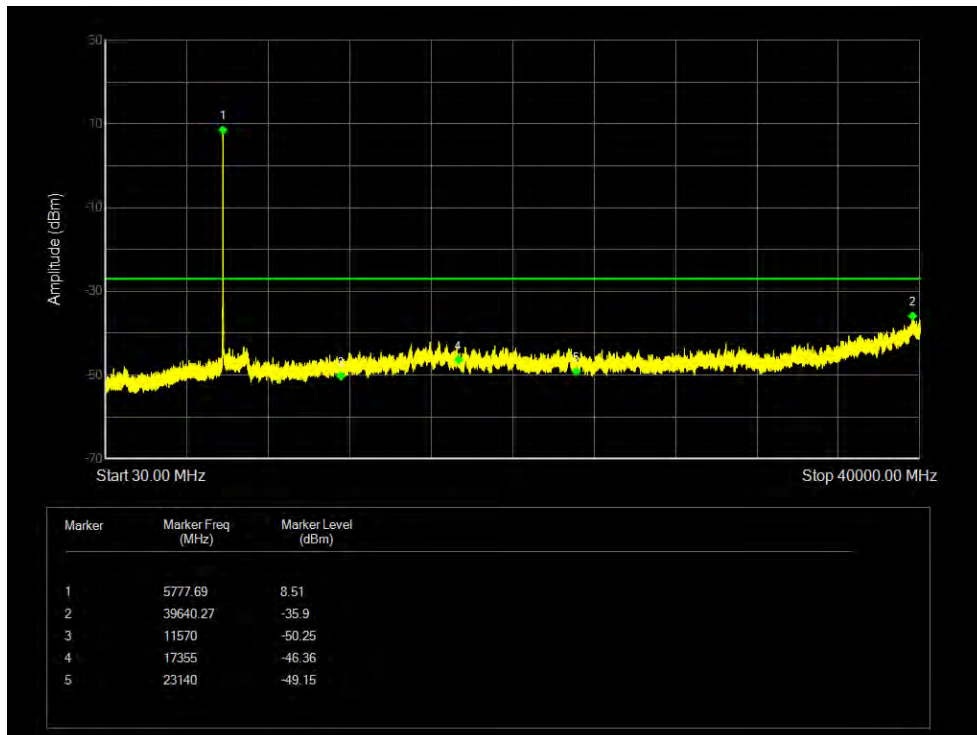
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 2 Emission



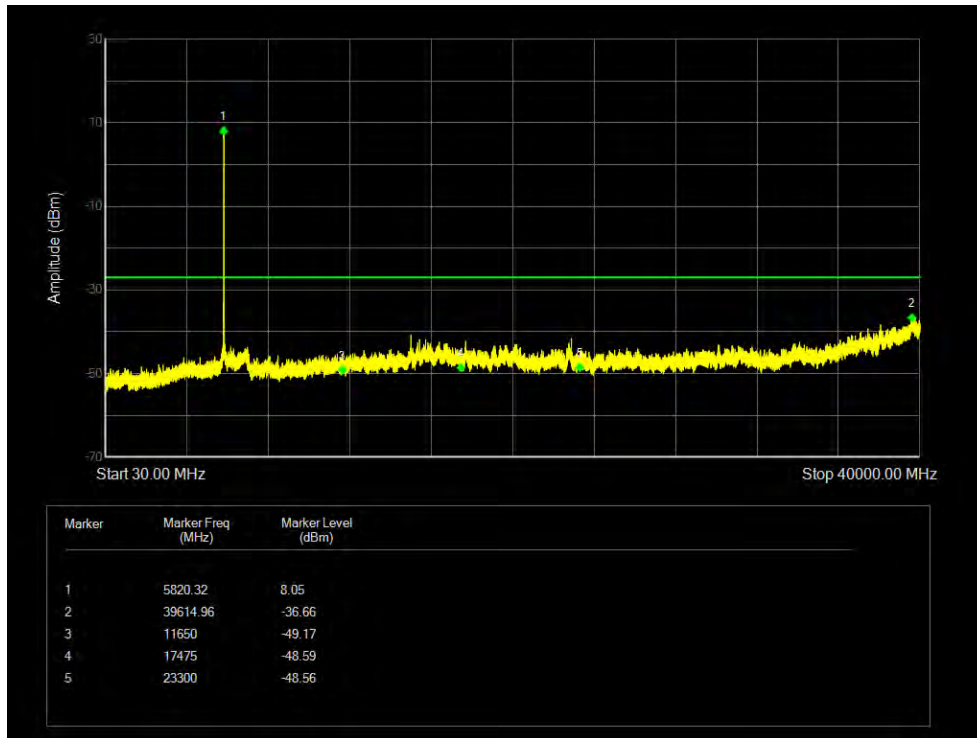
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 1 Emission



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



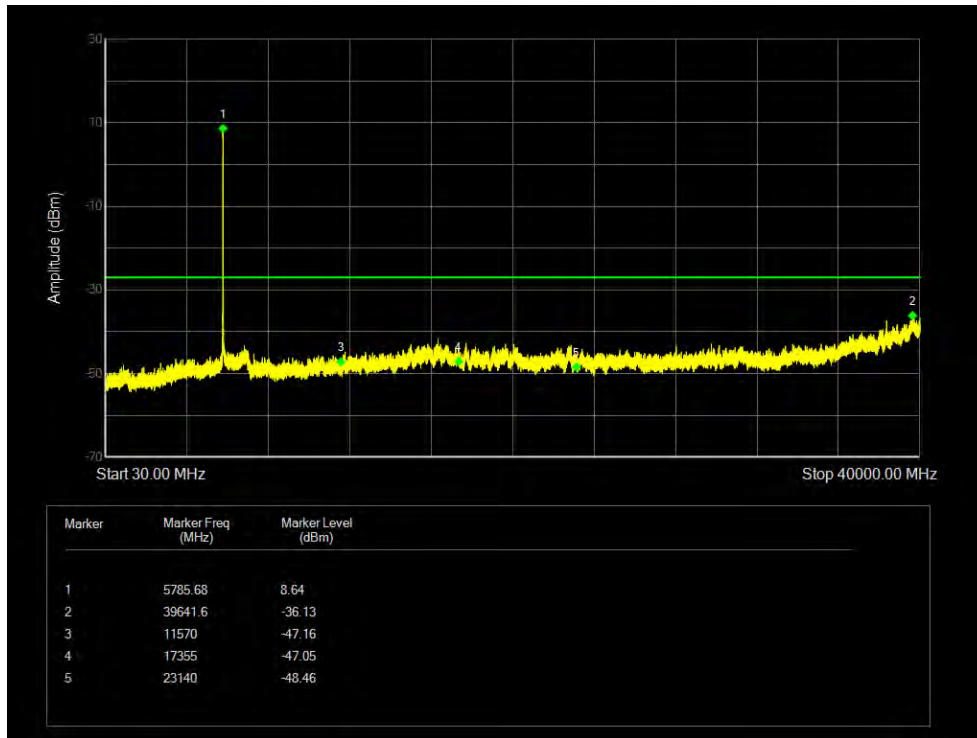
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 1 Emission



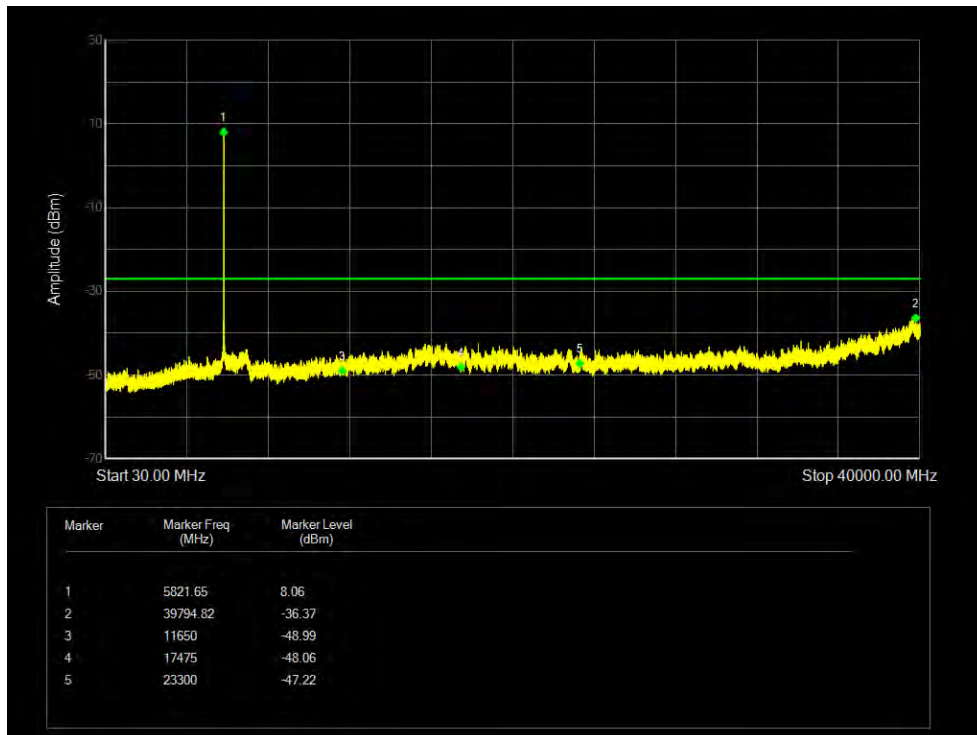
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 2 Emission



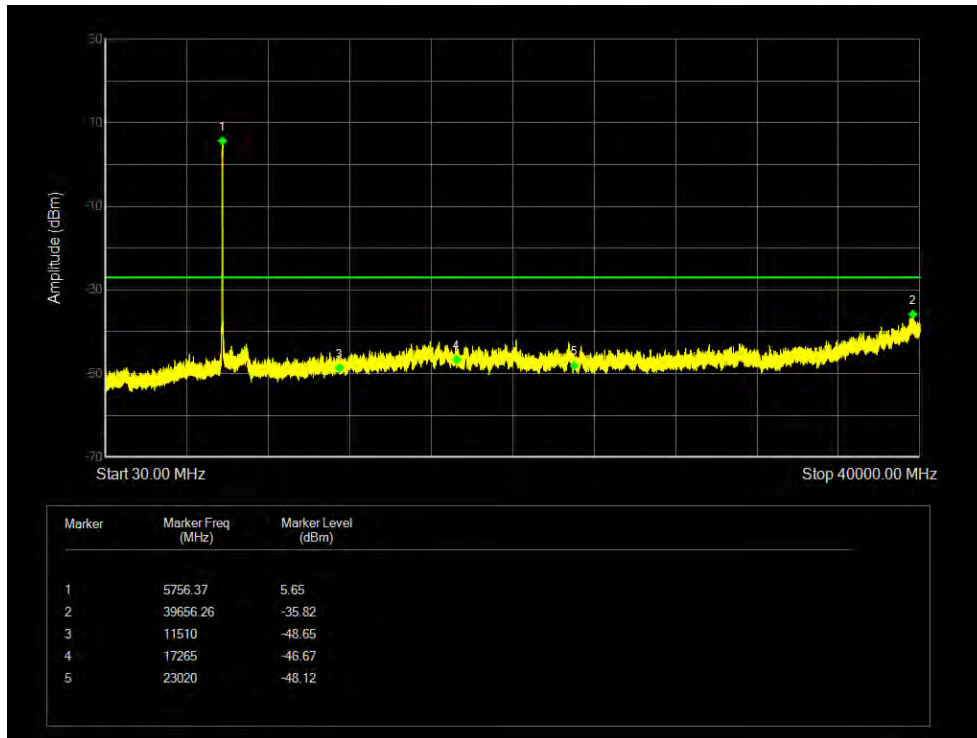
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 2 Emission



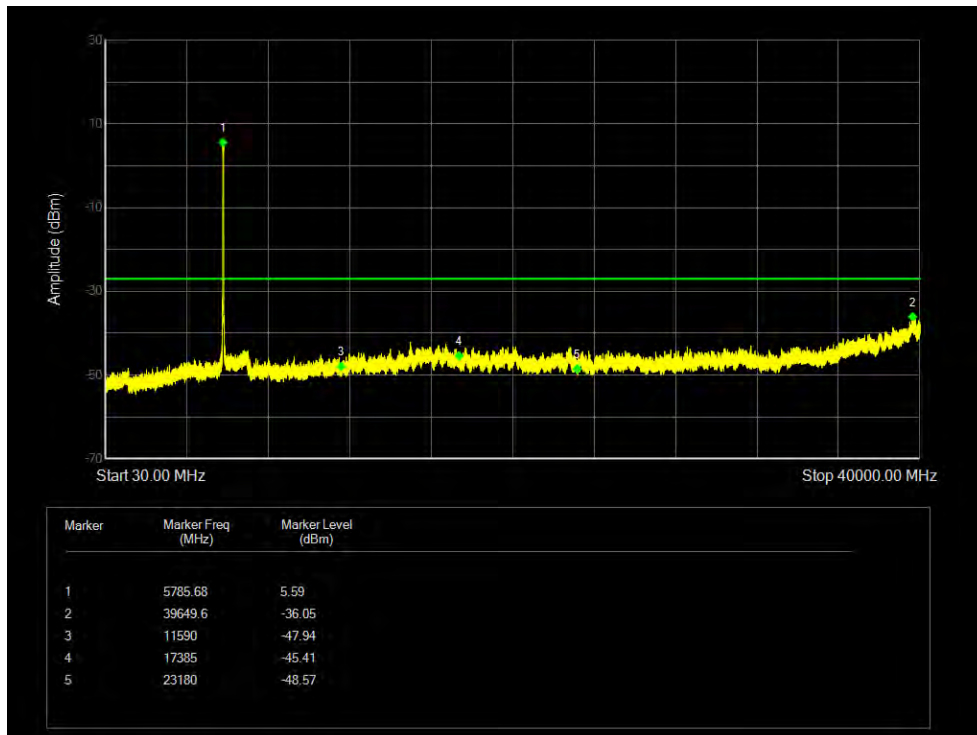
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 2 Emission



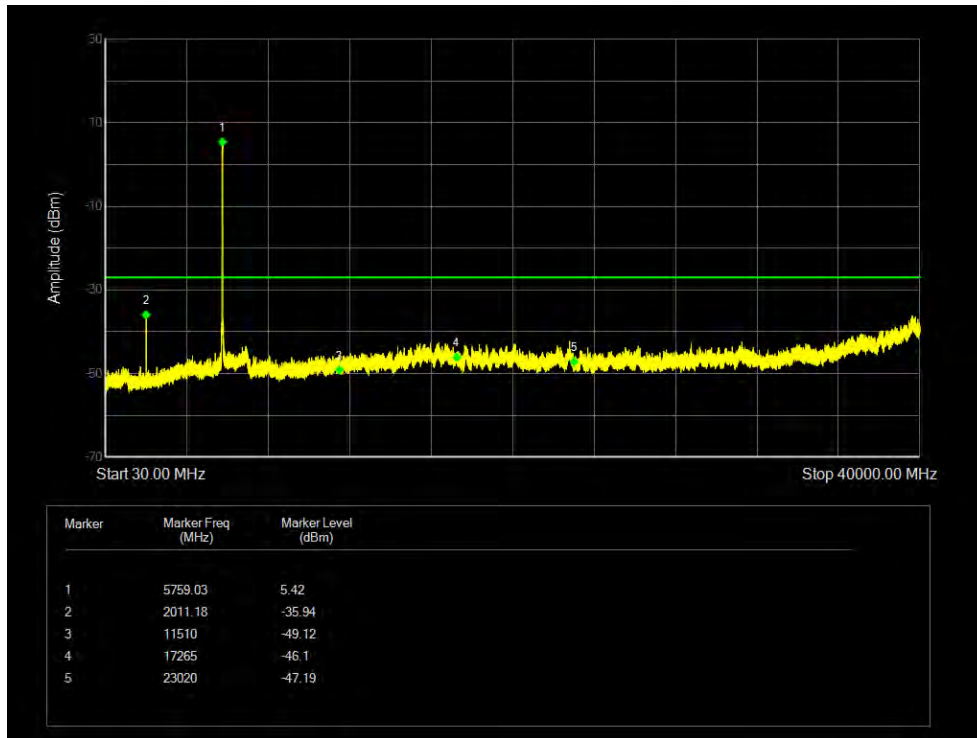
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 1 Emission



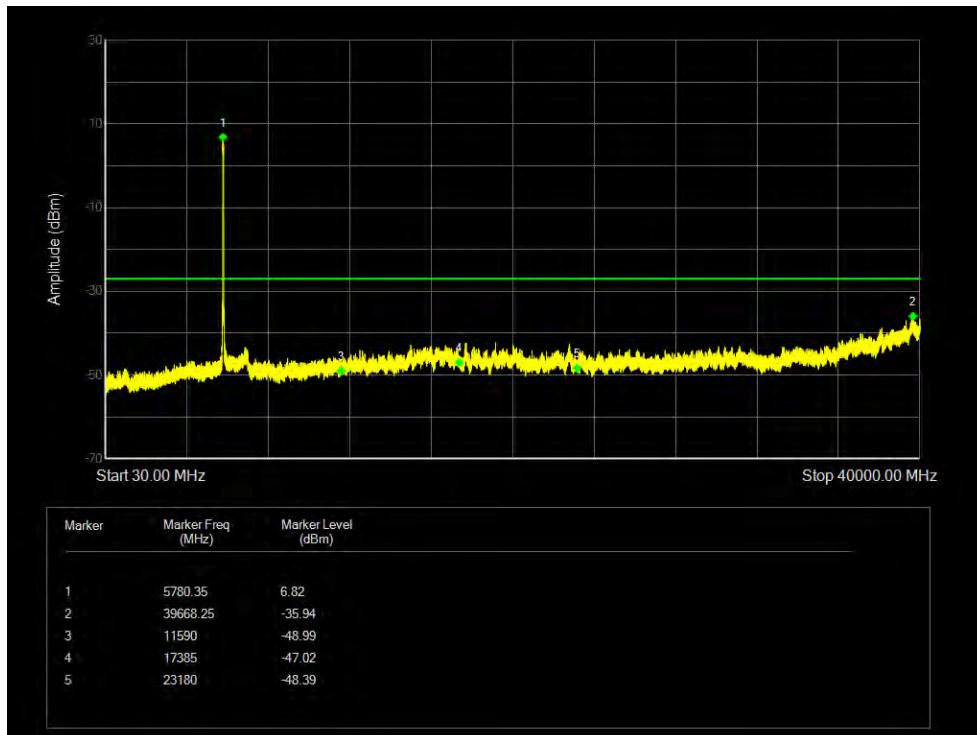
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 1 Emission



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



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



## MIMO 5.8G:

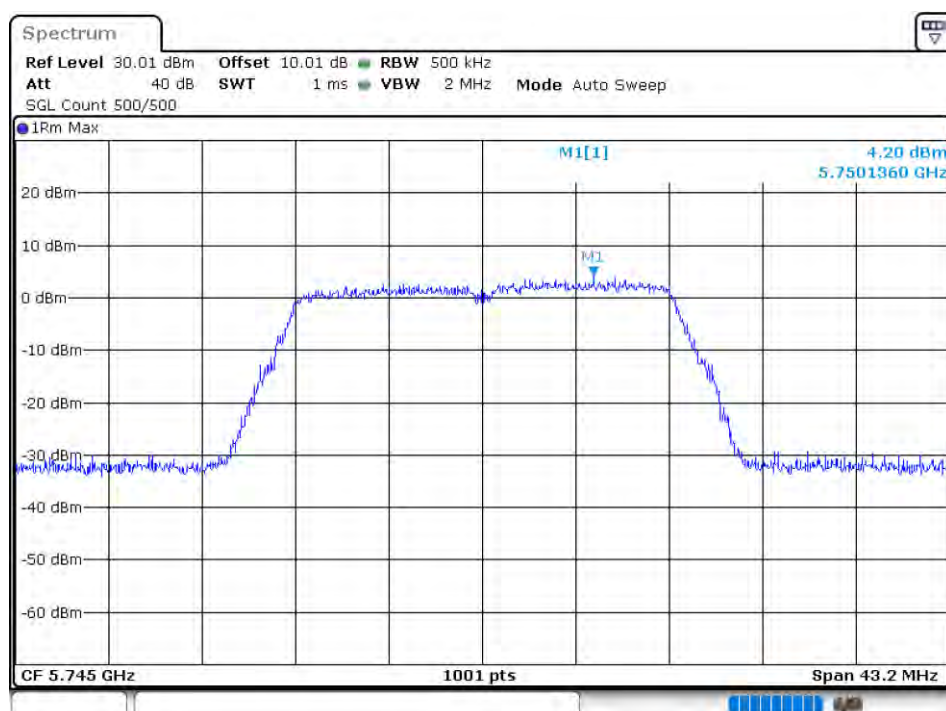
### Maximum Conducted Output Power

| Condition | Mode          | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|-----------------------|------------------|-------------------|-------------------|-------------|---------|
| NVNT      | 802.11ac20    | 5745            | Ant 1   | 9.36                  | 0                | 9.36              | 12.55             | 30          | Pass    |
| NVNT      | 802.11ac20    | 5745            | Ant 2   | 9.71                  | 0                | 9.71              |                   | 30          | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | 9.48                  | 0                | 9.48              | 12.59             | 30          | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 2   | 9.68                  | 0                | 9.68              |                   | 30          | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | 9.44                  | 0                | 9.44              | 12.54             | 30          | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 2   | 9.62                  | 0                | 9.62              |                   | 30          | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | 9.31                  | 0                | 9.31              | 12.30             | 30          | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 2   | 9.26                  | 0                | 9.26              |                   | 30          | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | 9.2                   | 0                | 9.2               | 12.11             | 30          | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 2   | 9                     | 0                | 9                 |                   | 30          | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | 9.11                  | 0                | 9.11              | 12.11             | 30          | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 2   | 9.08                  | 0                | 9.08              |                   | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | 9.38                  | 0                | 9.38              | 12.44             | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 2   | 9.47                  | 0                | 9.47              |                   | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | 9.46                  | 0                | 9.46              | 12.61             | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 2   | 9.74                  | 0                | 9.74              |                   | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | 9.53                  | 0                | 9.53              | 12.61             | 30          | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 2   | 9.67                  | 0                | 9.67              |                   | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | 9.32                  | 0                | 9.32              | 12.34             | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 2   | 9.34                  | 0                | 9.34              |                   | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | 9.19                  | 0                | 9.19              | 12.23             | 30          | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 2   | 9.25                  | 0                | 9.25              |                   | 30          | Pass    |

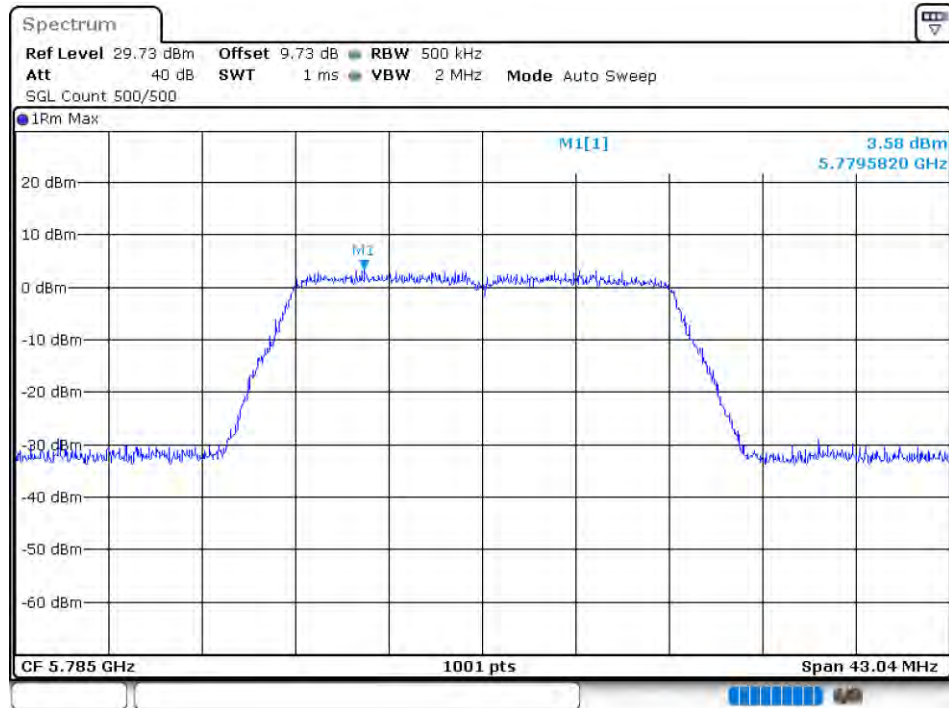
## Maximum Power Spectral Density Level

| Condition | Mode          | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|---------------|-------------|---------|
| NVNT      | 802.11ac20    | 5745            | Ant 1   | 4.203         | 29.49       | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | 3.585         | 29.49       | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | 3.313         | 29.49       | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | 0.748         | 29.49       | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | 0.378         | 29.49       | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -2.03         | 29.49       | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | 4.142         | 29.49       | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | 3.463         | 29.49       | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | 3.69          | 29.49       | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | 3.911         | 29.49       | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | 0.69          | 29.49       | Pass    |

PSD NVNT 802.11ac20 5745MHz Ant1



PSD NVNT 802.11ac20 5785MHz Ant1



PSD NVNT 802.11ac20 5825MHz Ant1



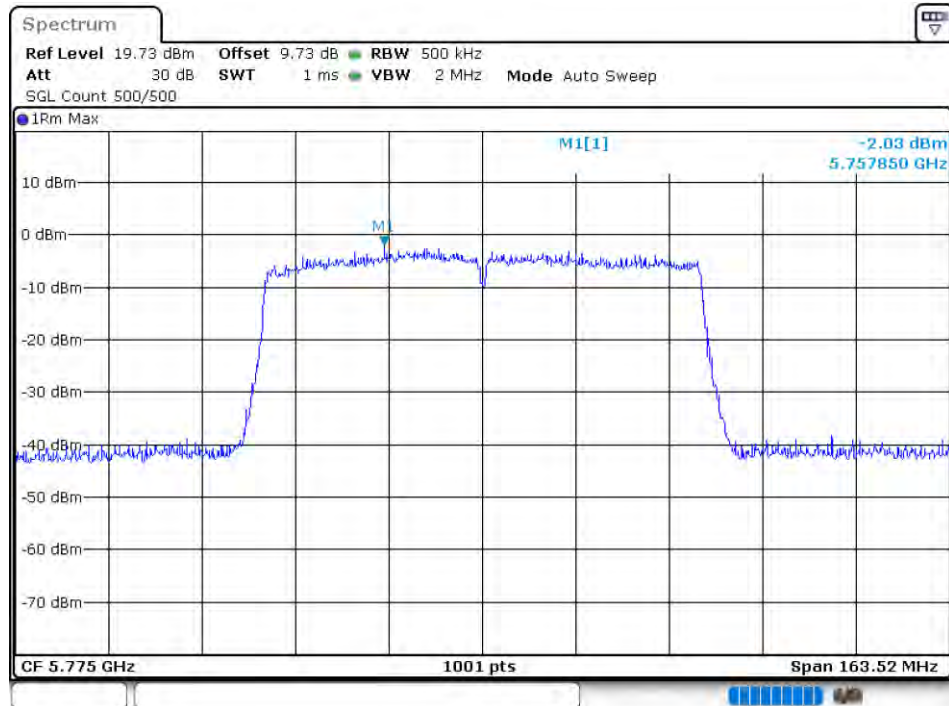
PSD NVNT 802.11ac40 5755MHz Ant1



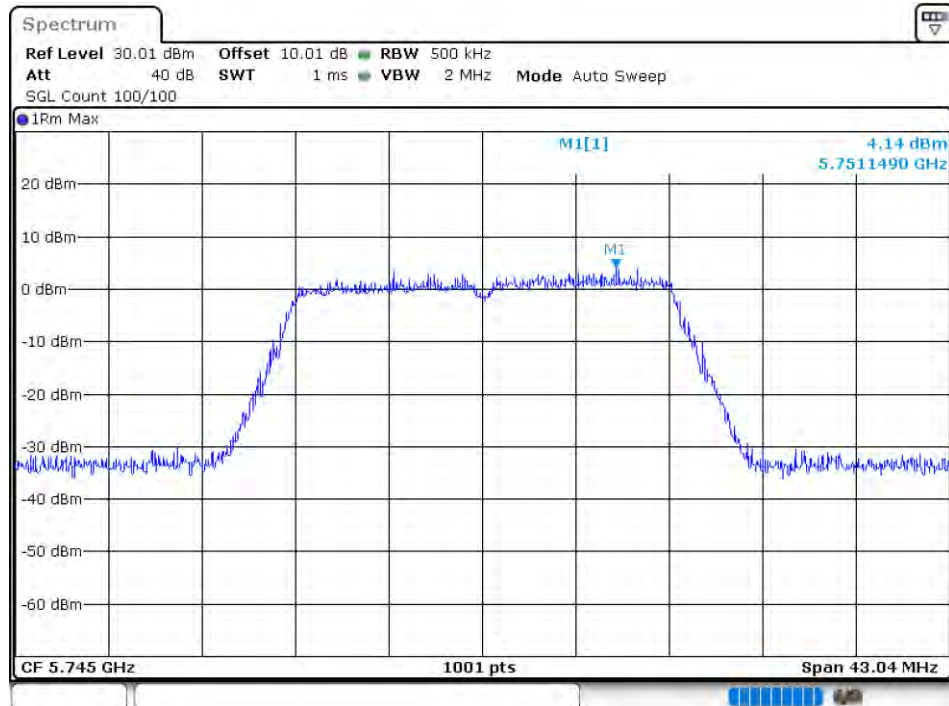
PSD NVNT 802.11ac40 5795MHz Ant1



PSD NVNT 802.11ac80 5775MHz Ant1



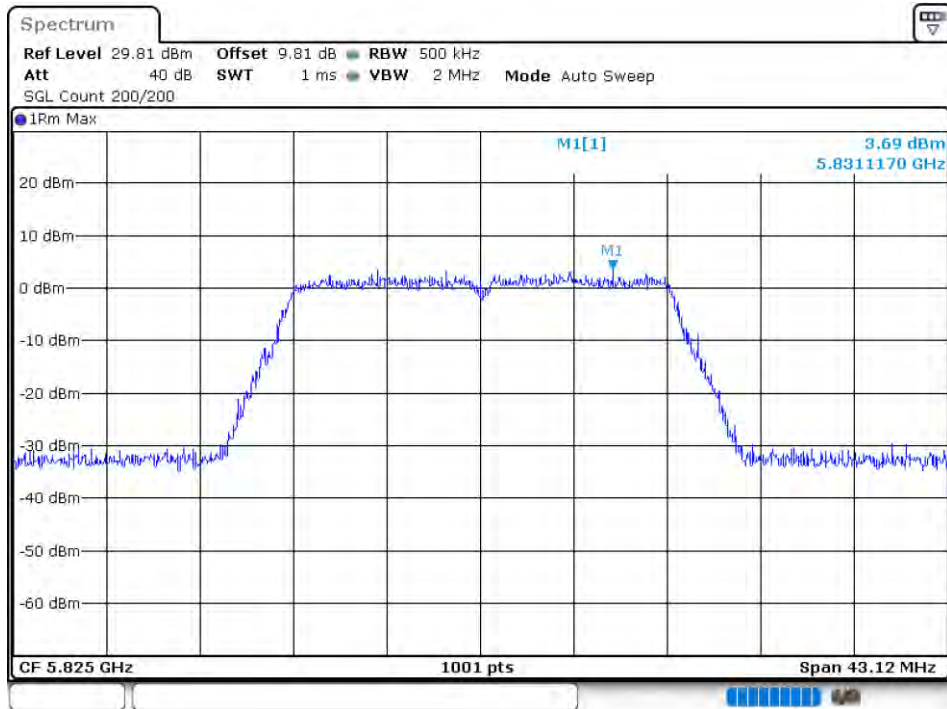
PSD NVNT 802.11n(HT20) 5745MHz Ant1



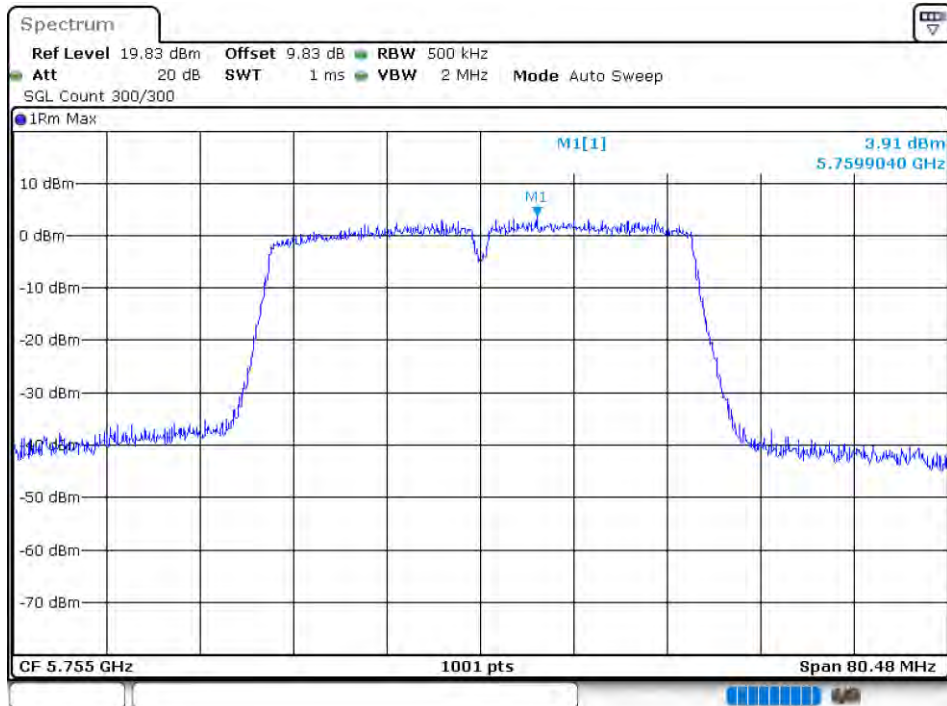
PSD NVNT 802.11n(HT20) 5785MHz Ant1



PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



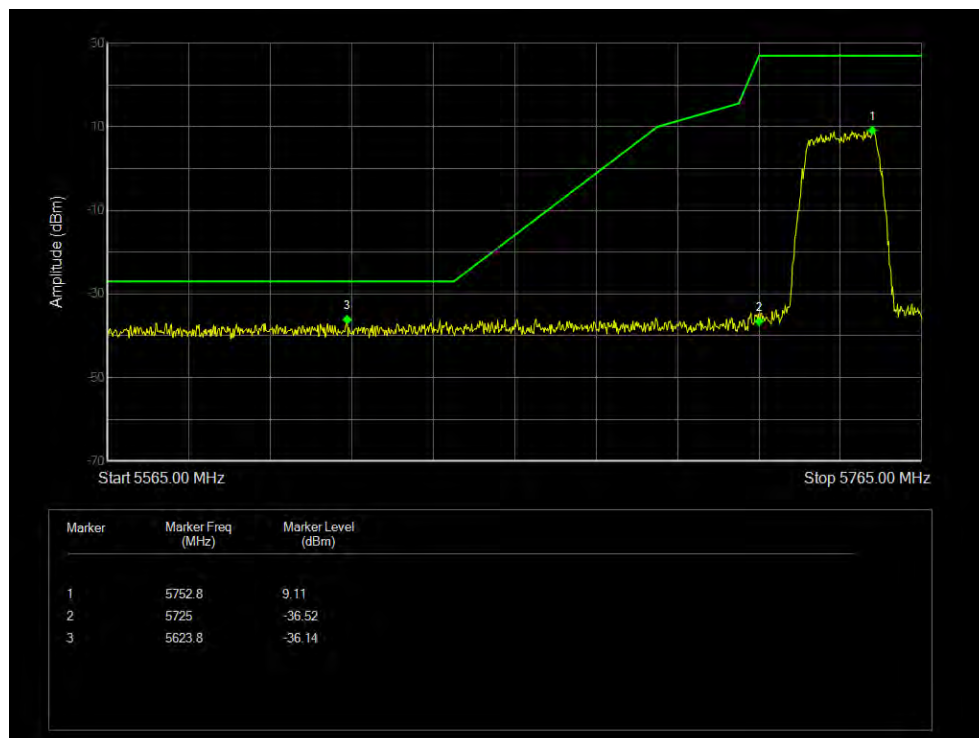
PSD NVNT 802.11n(HT40) 5795MHz Ant1



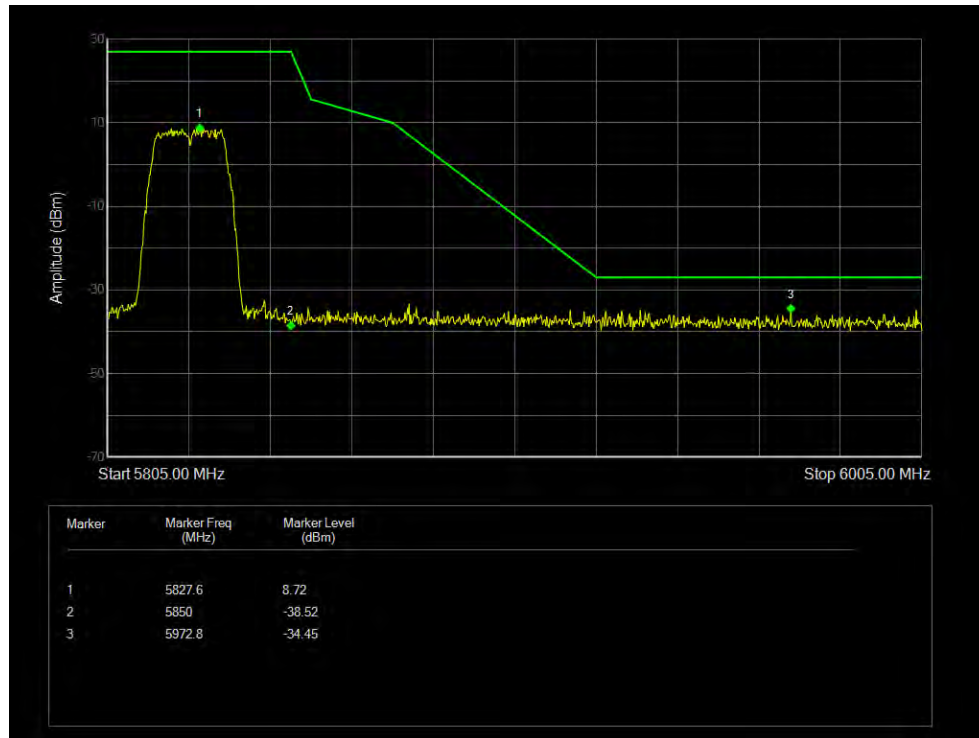
## Band Edge

| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11ac20    | 5745            | Ant 1   | -36.14          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | -34.45          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | -35.86          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | -34.84          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -37.52          | -4.5        | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -36.37          | -22.85      | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | -36.4           | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | -35.15          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | -36.14          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | -34.86          | -27         | Pass    |

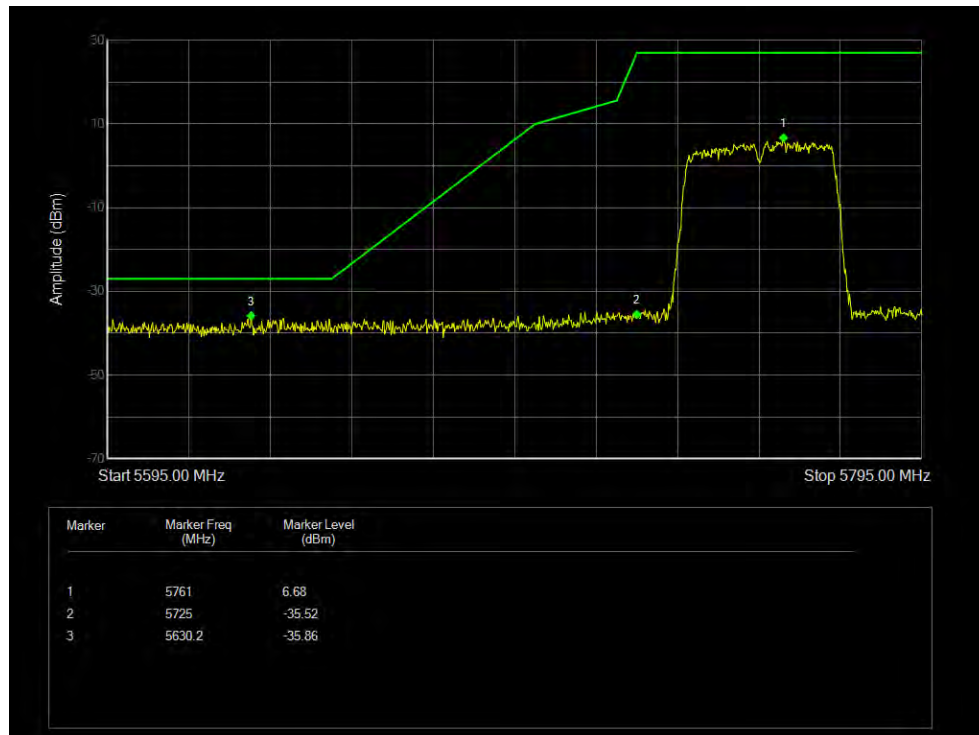
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



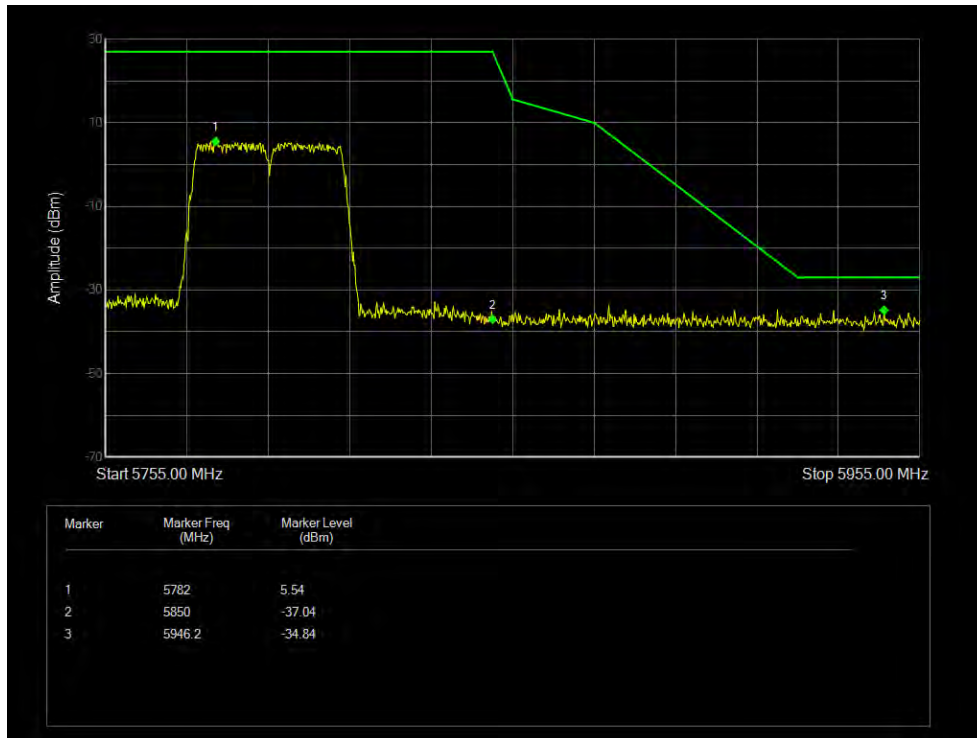
Band Edge NVNT 802.11ac20 5825MHz High Ant1



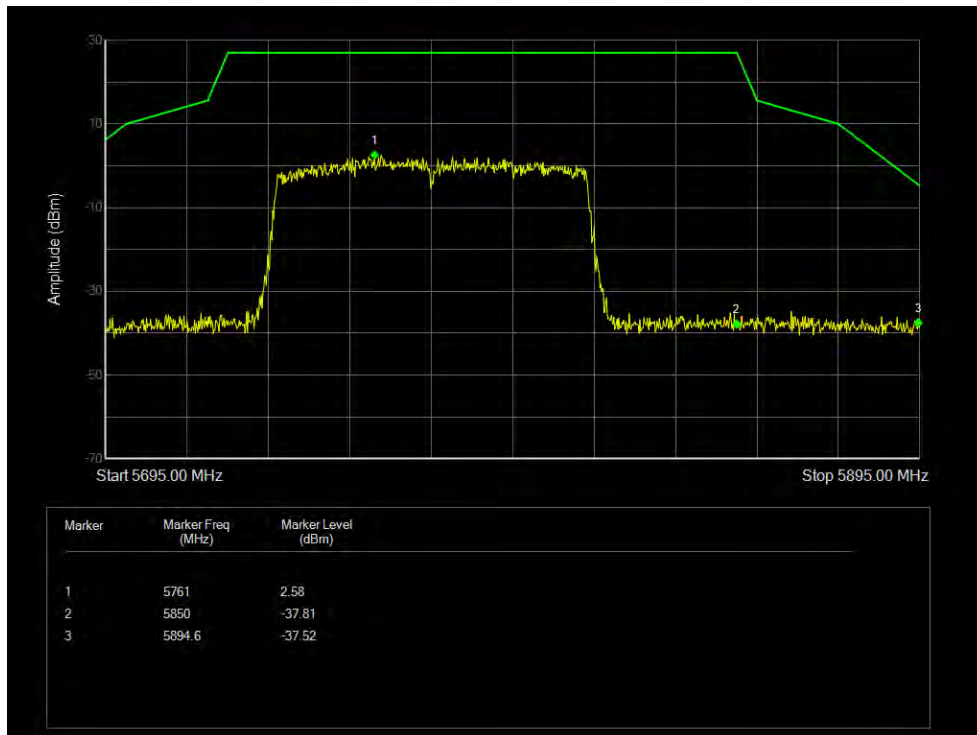
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



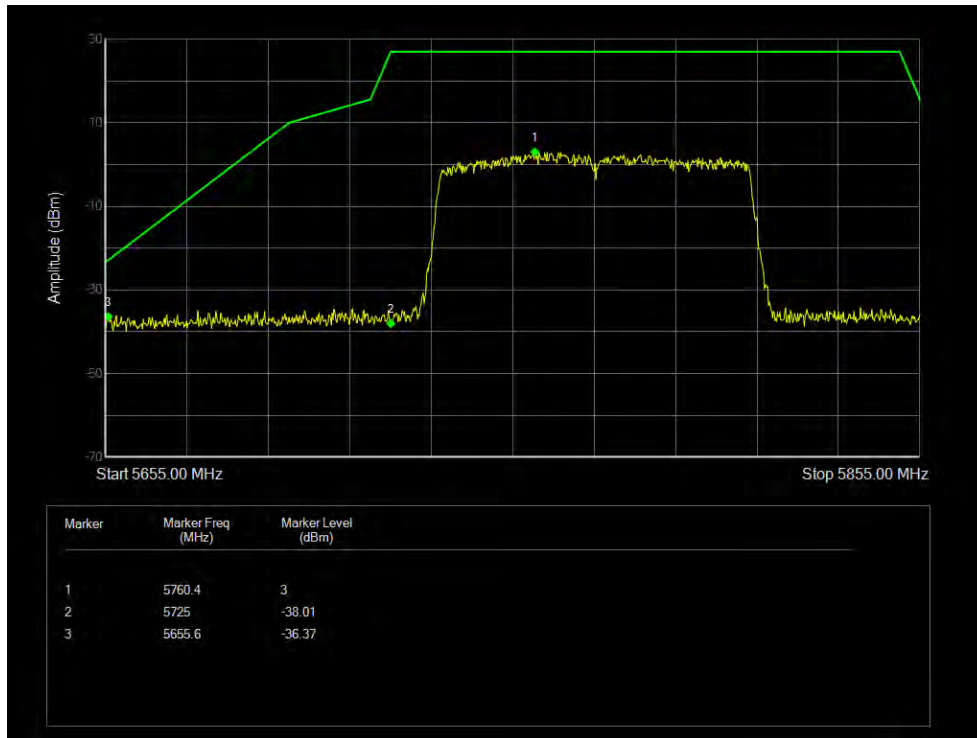
Band Edge NVNT 802.11ac40 5795MHz High Ant1



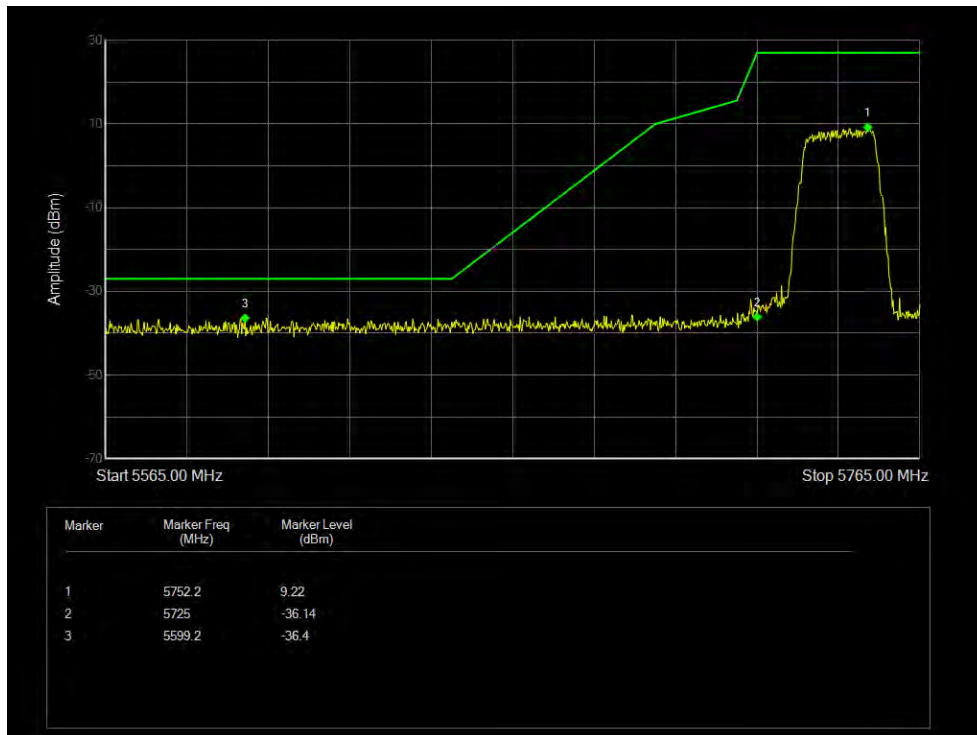
Band Edge NVNT 802.11ac80 5775MHz High Ant1



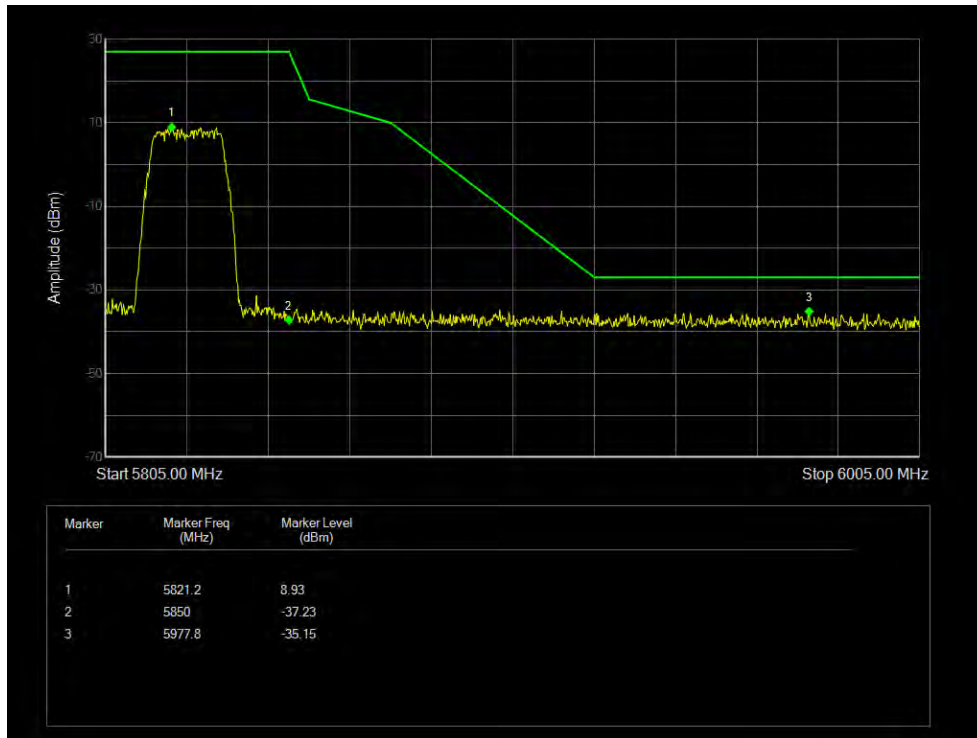
Band Edge NVNT 802.11ac80 5775MHz Low Ant1



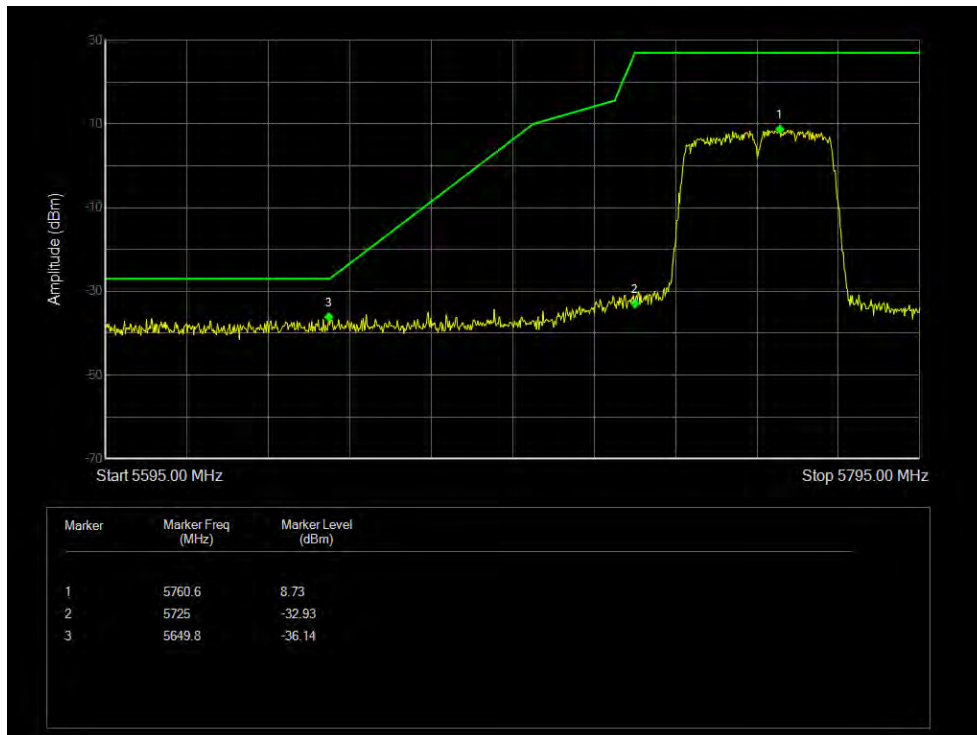
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



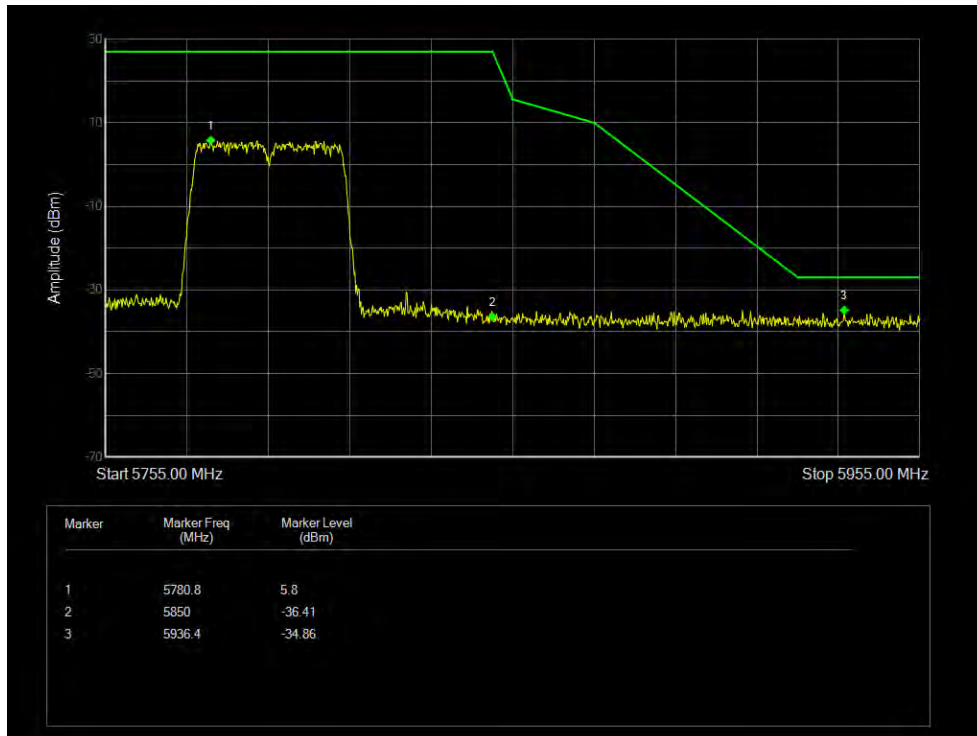
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant1



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



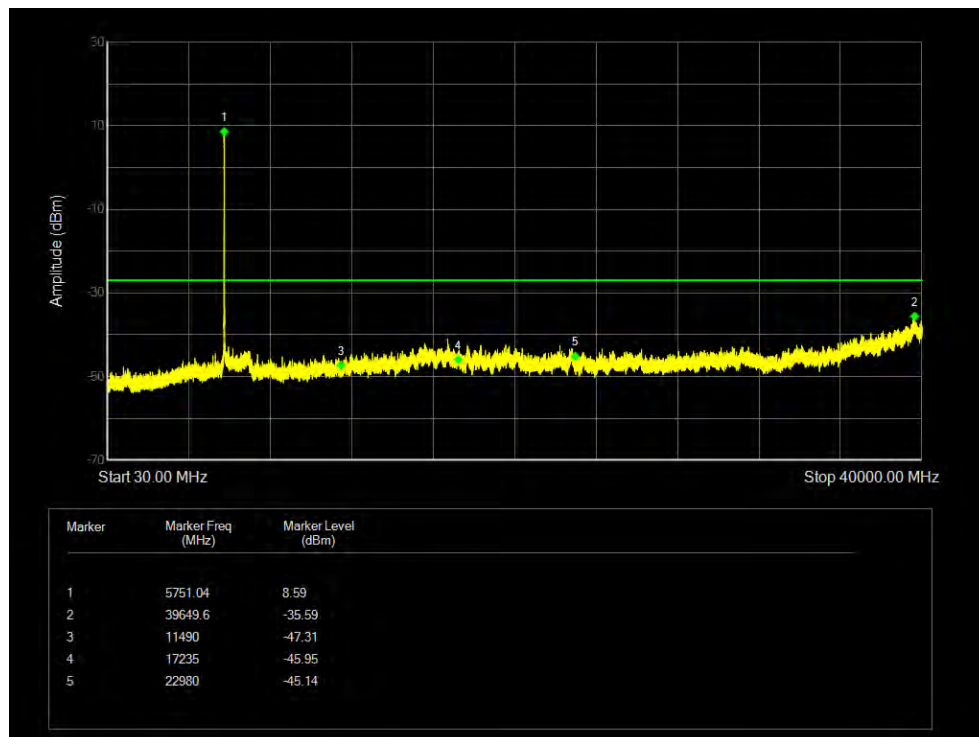
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



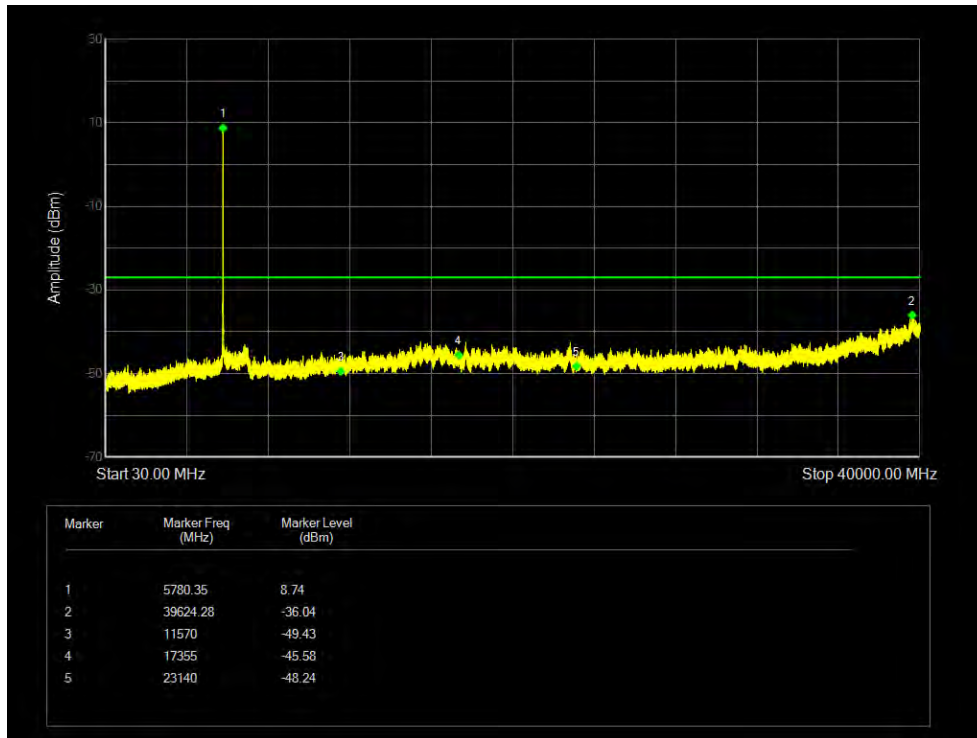
## Conducted RF Spurious Emission

| Condition | Mode          | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 802.11ac20    | 5745            | Ant 1   | -35.59          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5785            | Ant 1   | -36.04          | -27         | Pass    |
| NVNT      | 802.11ac20    | 5825            | Ant 1   | -36.58          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5755            | Ant 1   | -35.09          | -27         | Pass    |
| NVNT      | 802.11ac40    | 5795            | Ant 1   | -35.95          | -27         | Pass    |
| NVNT      | 802.11ac80    | 5775            | Ant 1   | -36.63          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5745            | Ant 1   | -35.99          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5785            | Ant 1   | -36.34          | -27         | Pass    |
| NVNT      | 802.11n(HT20) | 5825            | Ant 1   | -36.81          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5755            | Ant 1   | -35.52          | -27         | Pass    |
| NVNT      | 802.11n(HT40) | 5795            | Ant 1   | -35.97          | -27         | Pass    |

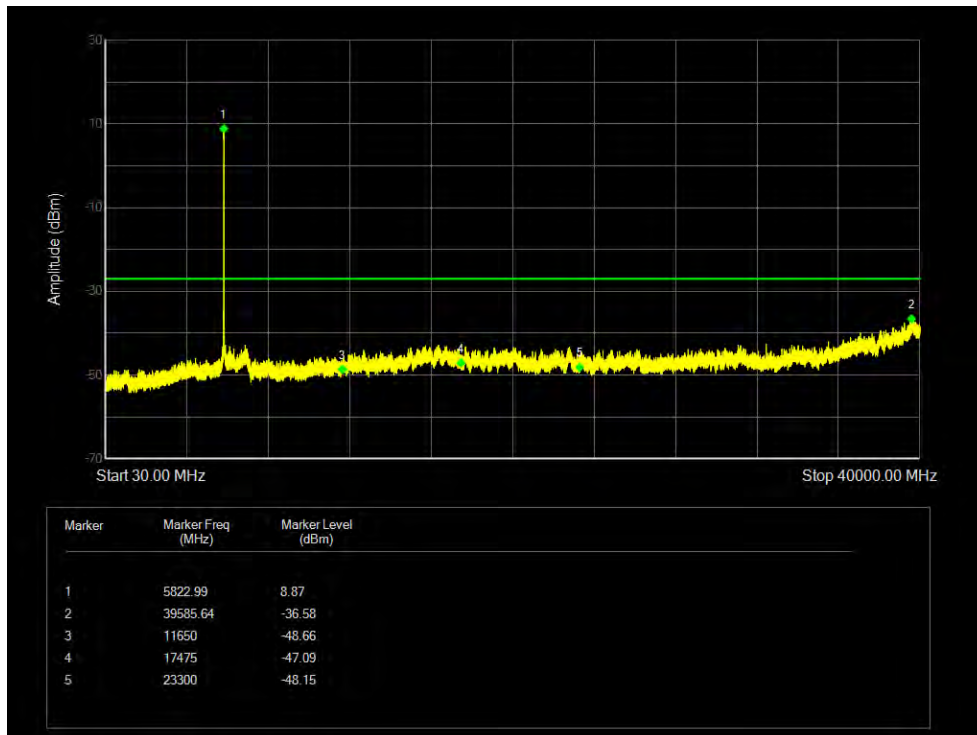
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



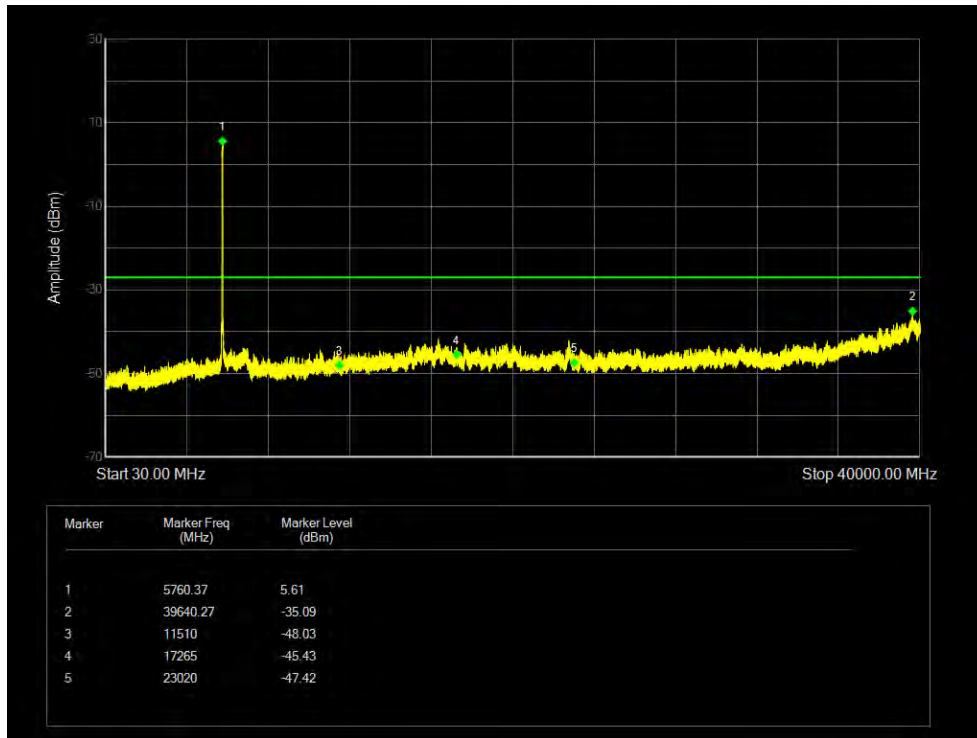
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



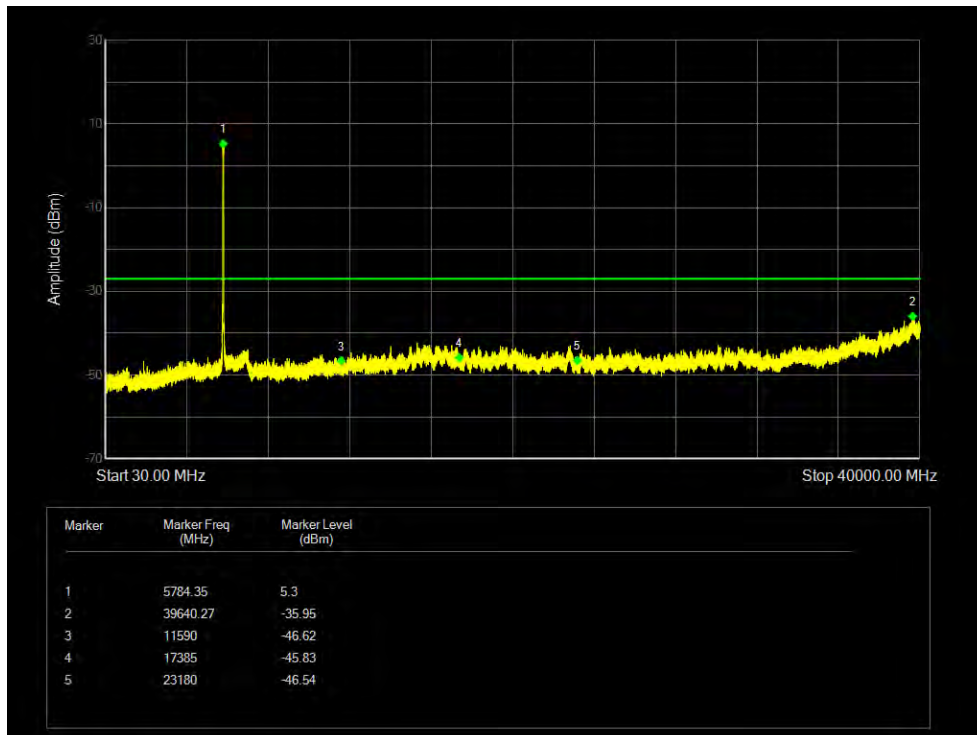
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



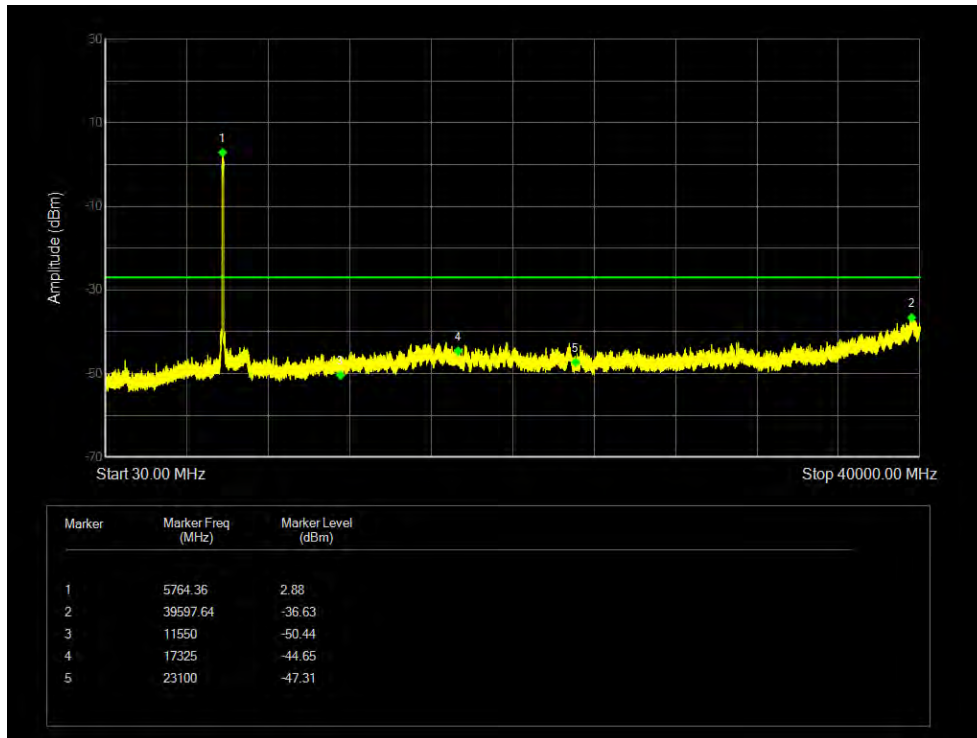
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



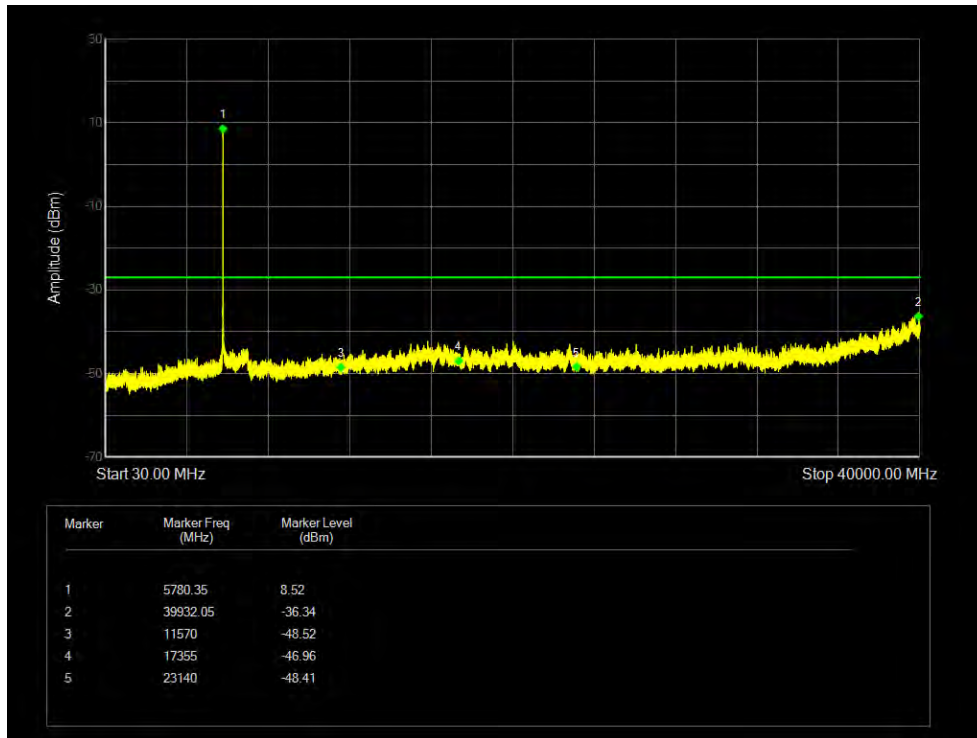
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



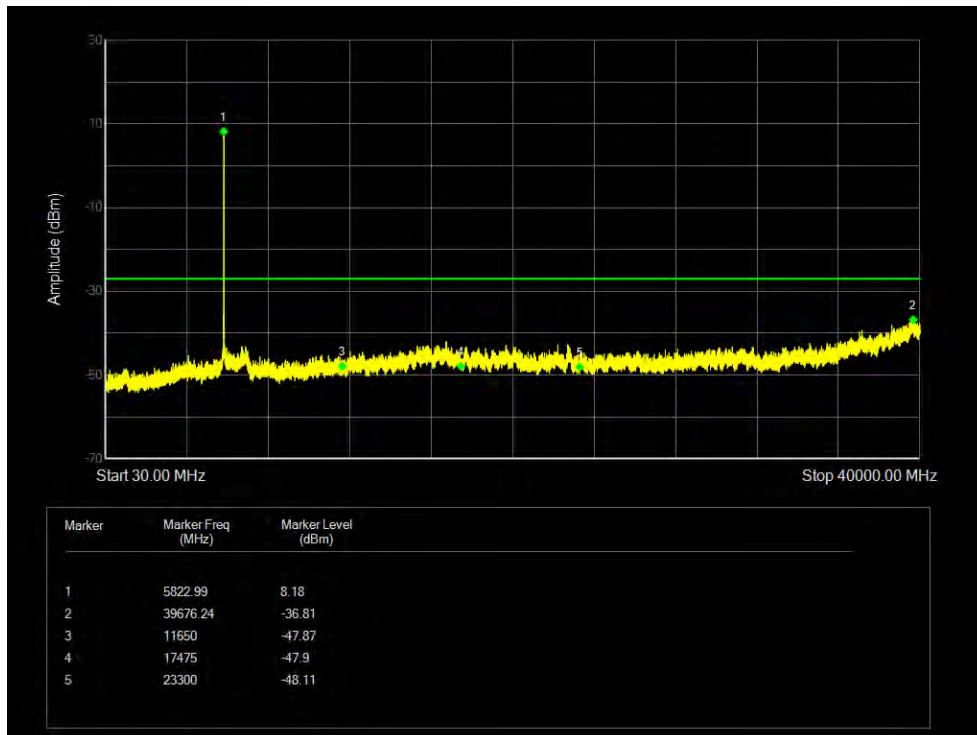
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



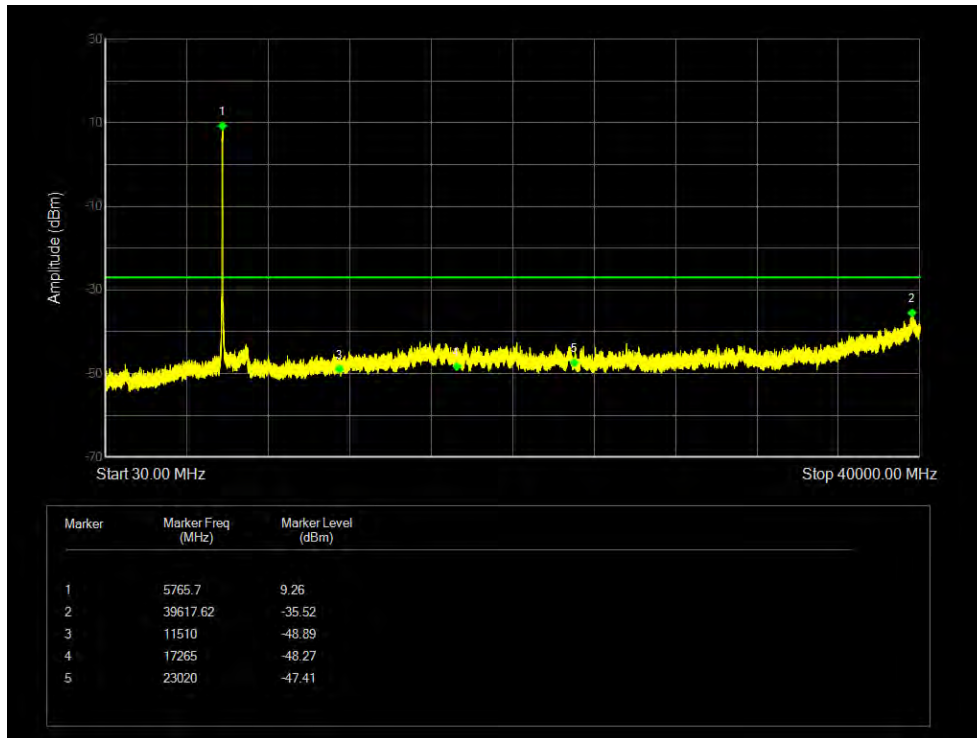
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



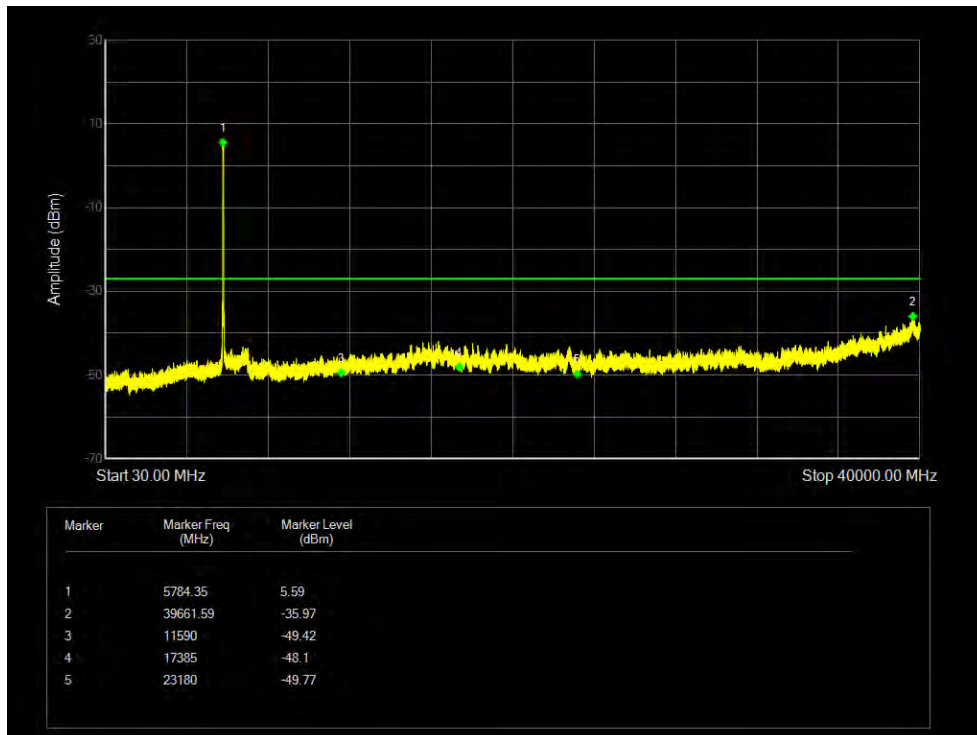
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



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



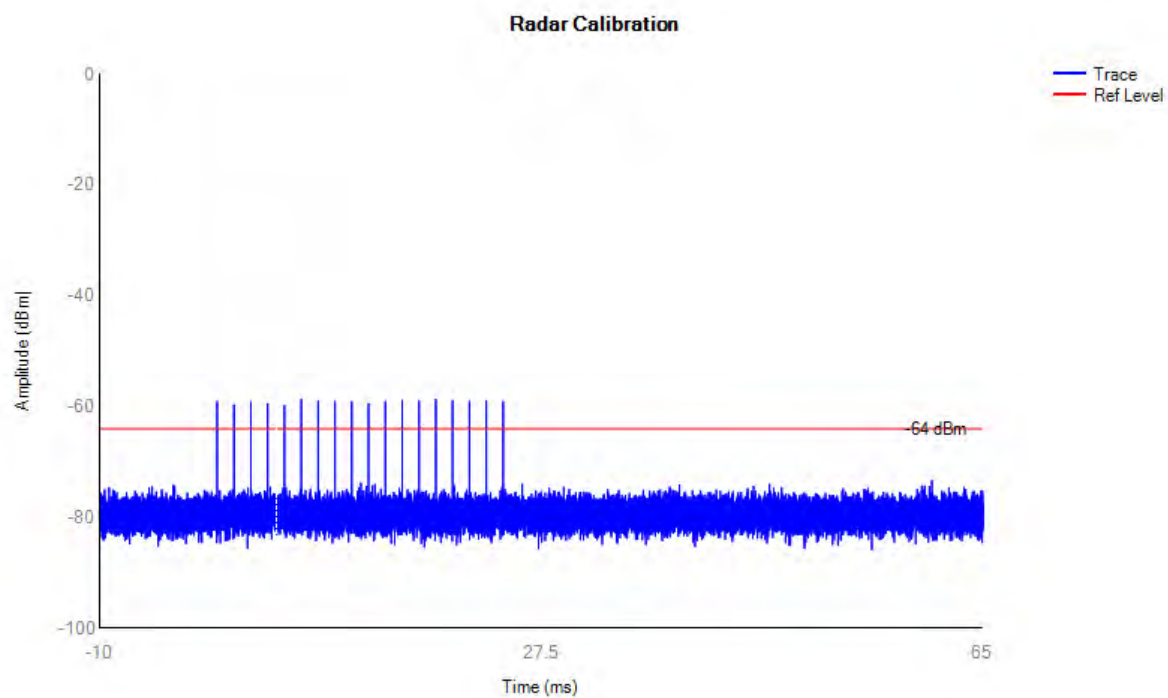
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant1 Emission



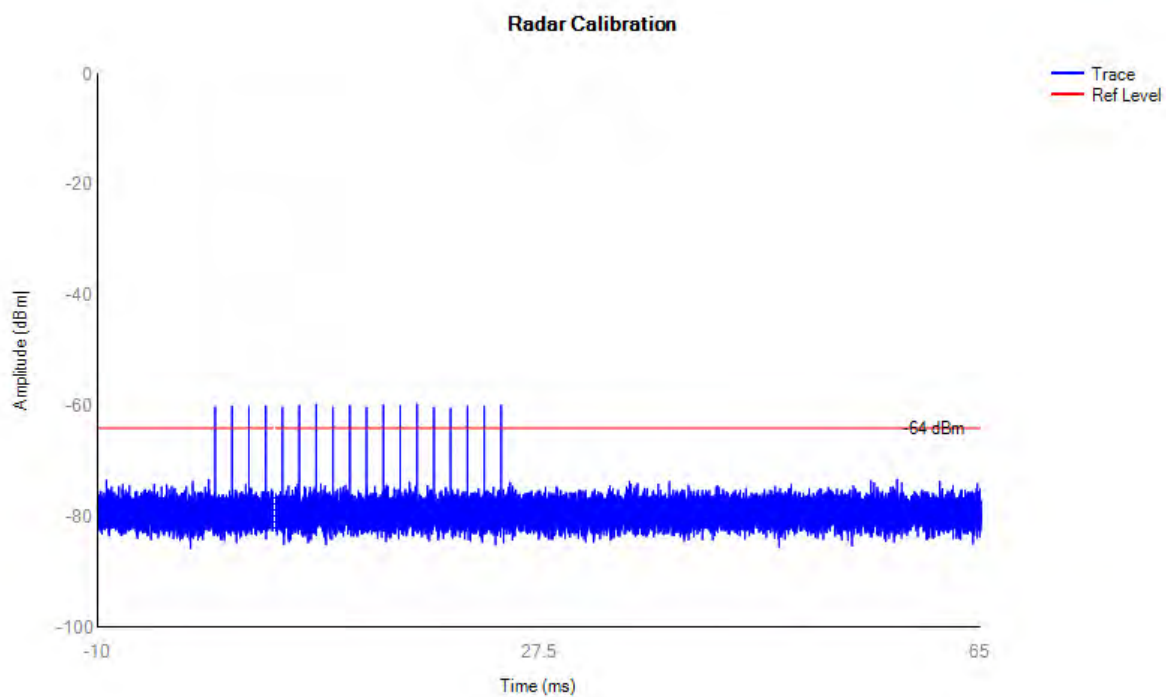
DFS:

## Calibration

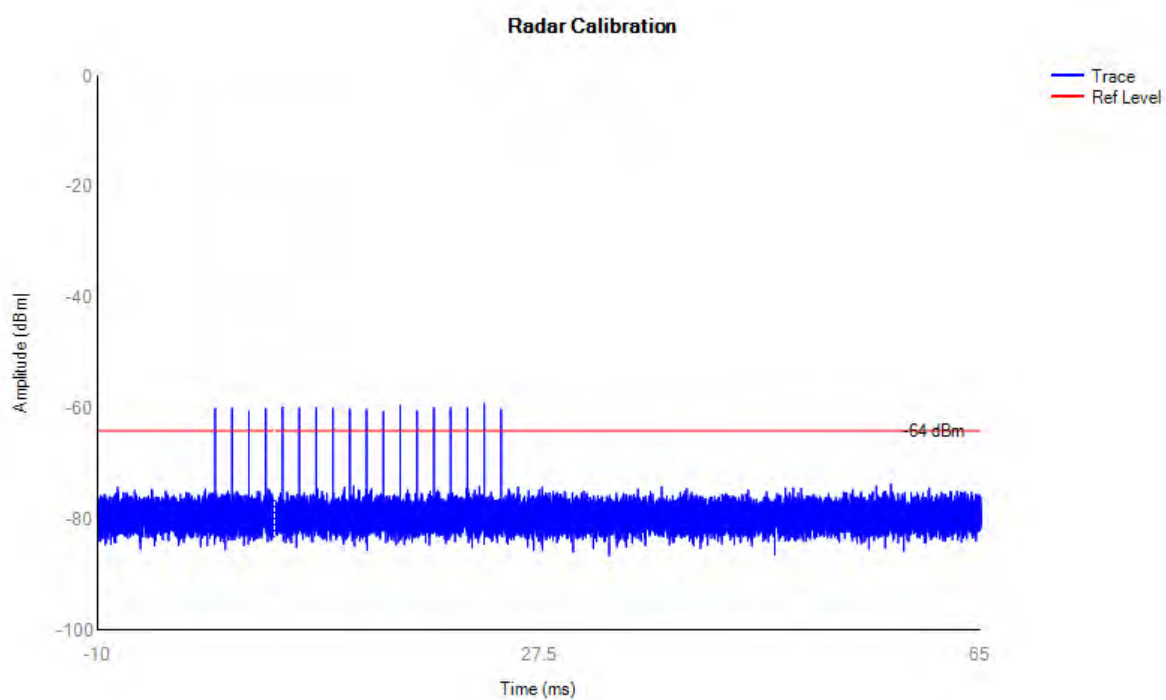
5290MHz ac80 DFS\_FCC\_T0



5530MHz ac80 DFS\_FCC\_T0

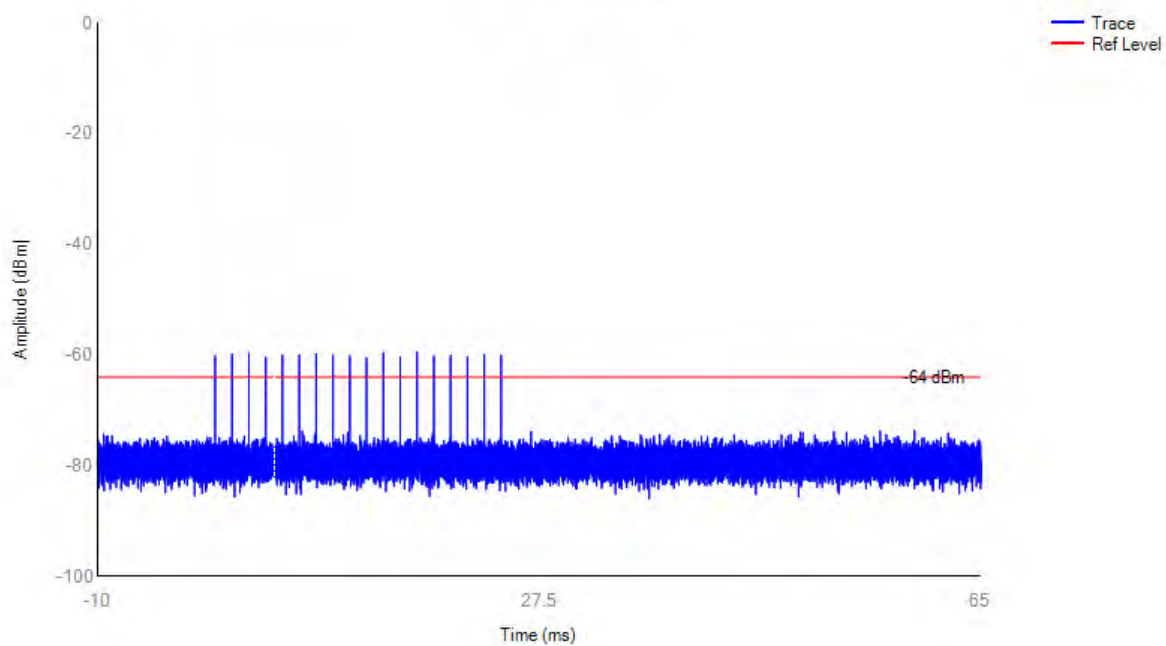


5310MHz n40 DFS\_FCC\_T0



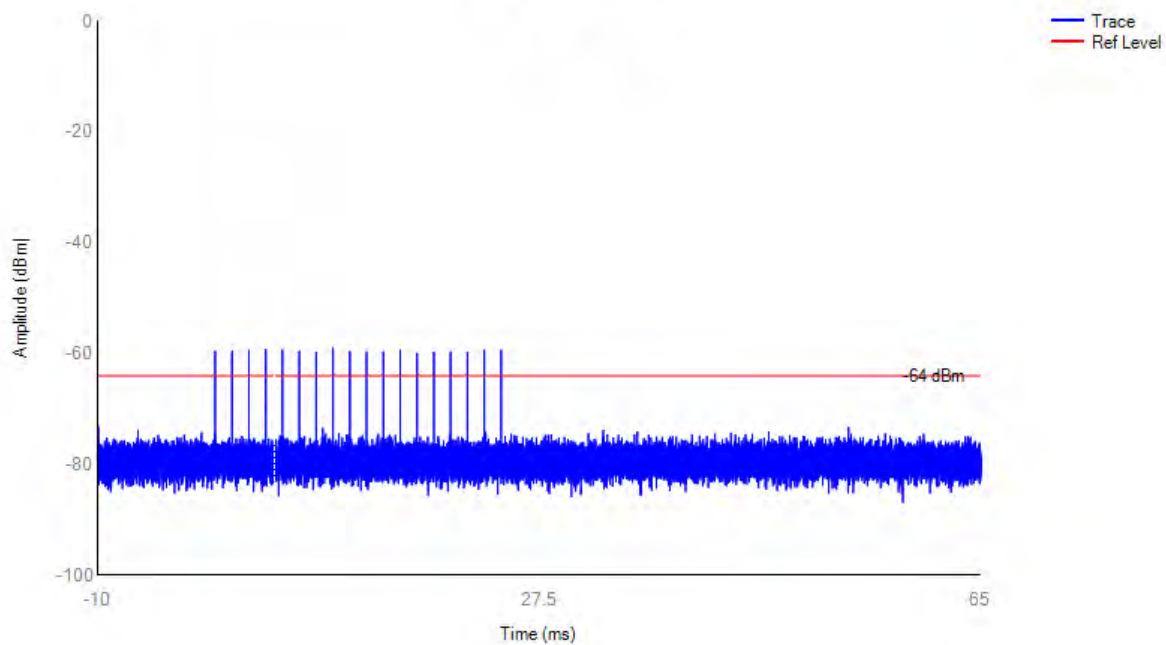
5510MHz n40 DFS\_FCC\_T0

Radar Calibration



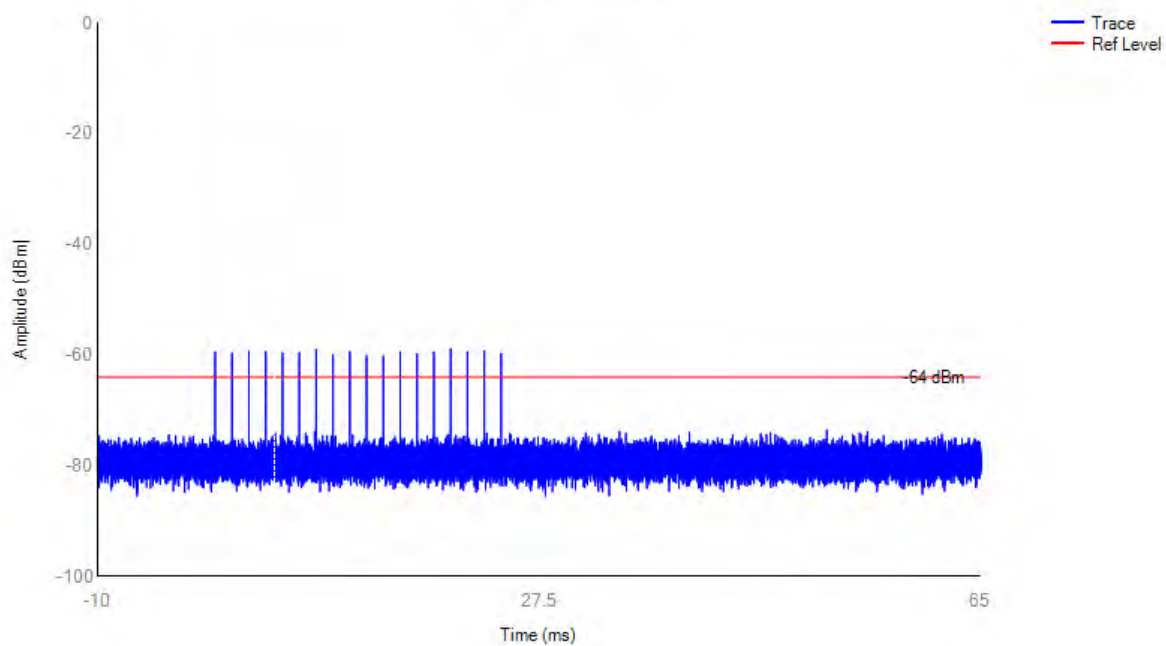
5320MHz a DFS\_FCC\_T0

Radar Calibration



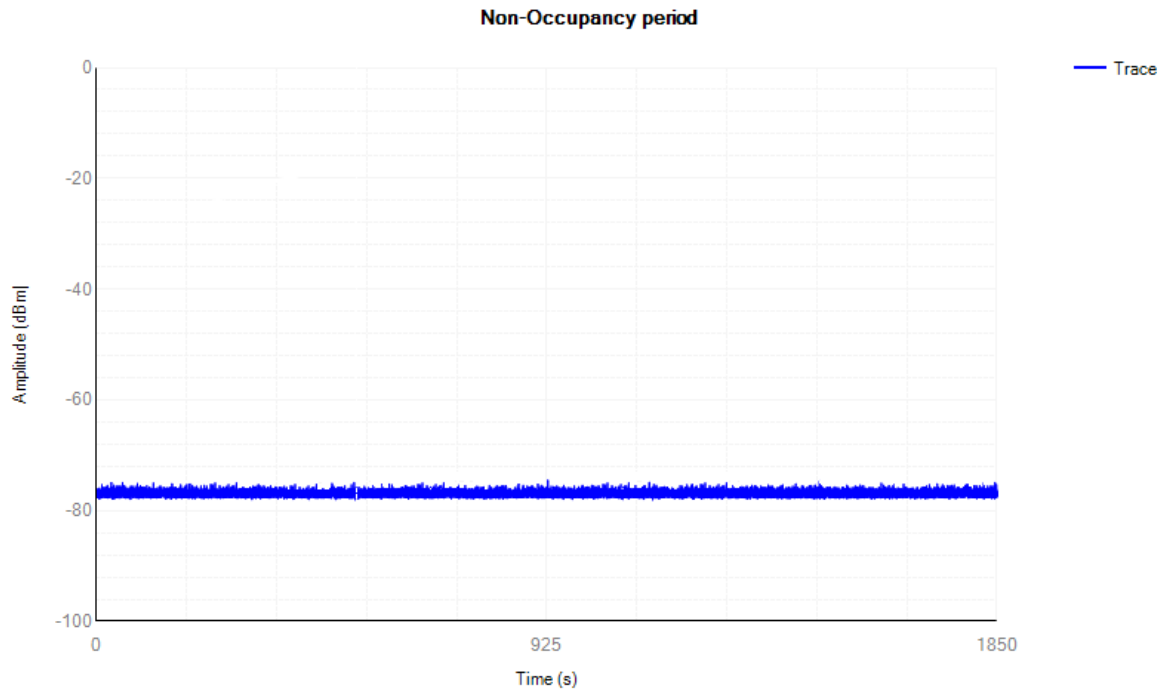
5500MHz a DFS\_FCC\_T0

### Radar Calibration

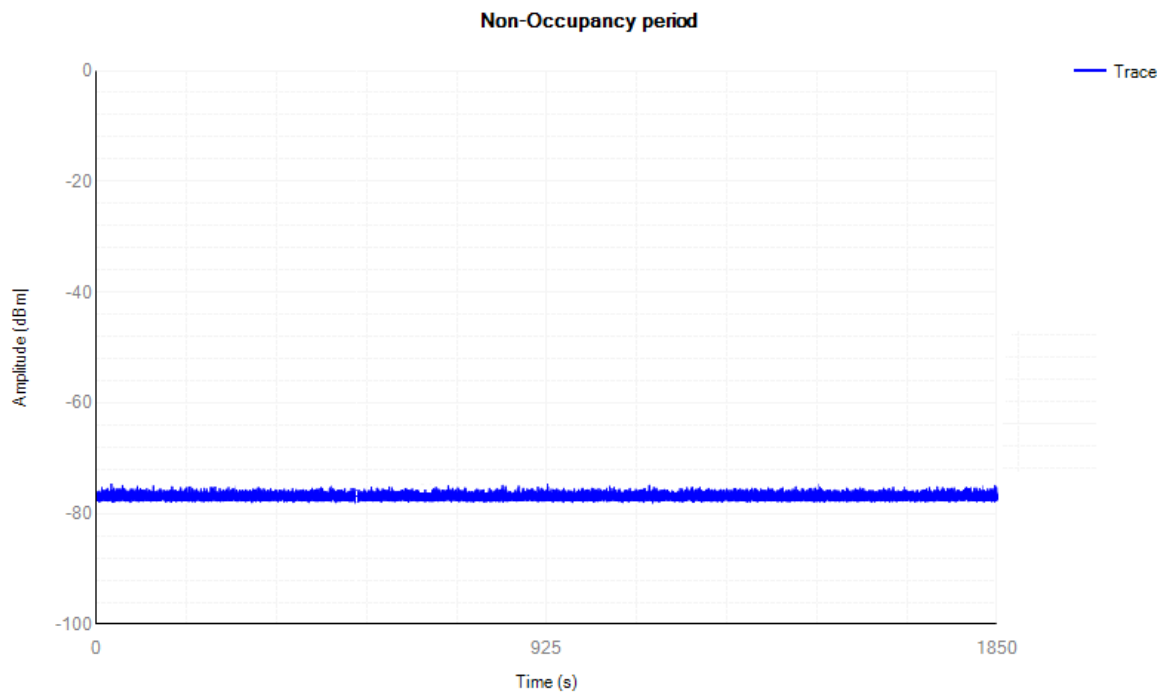


## Non-Occupancy

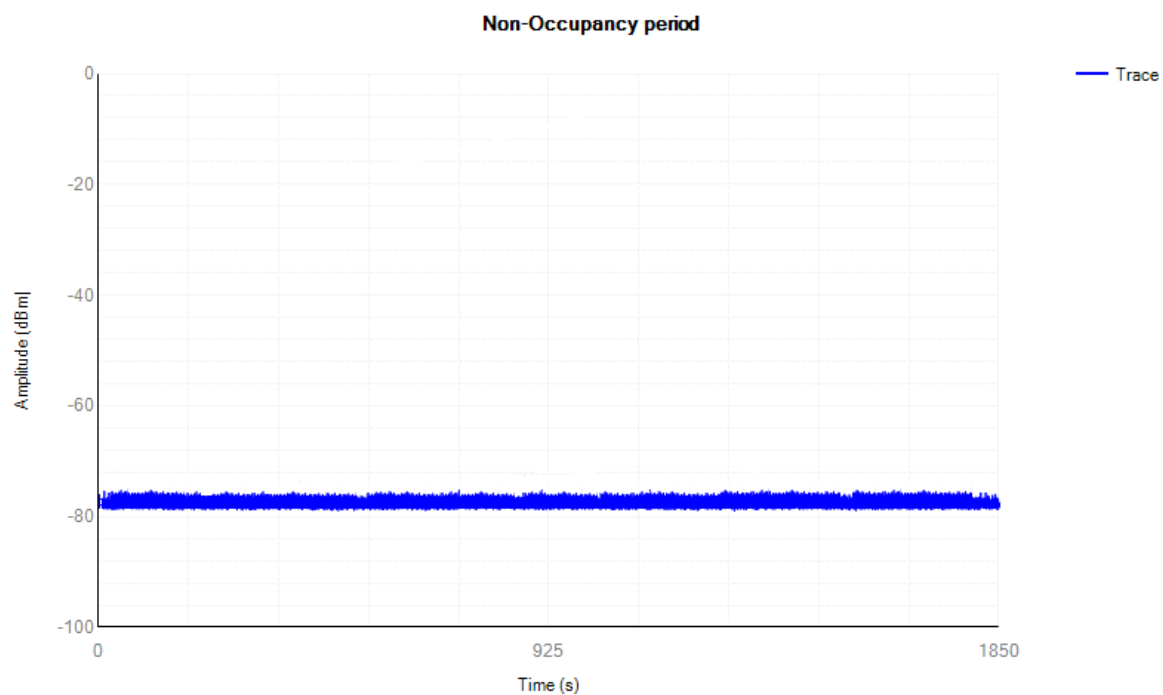
5290MHz ac80 Non-Occupancy



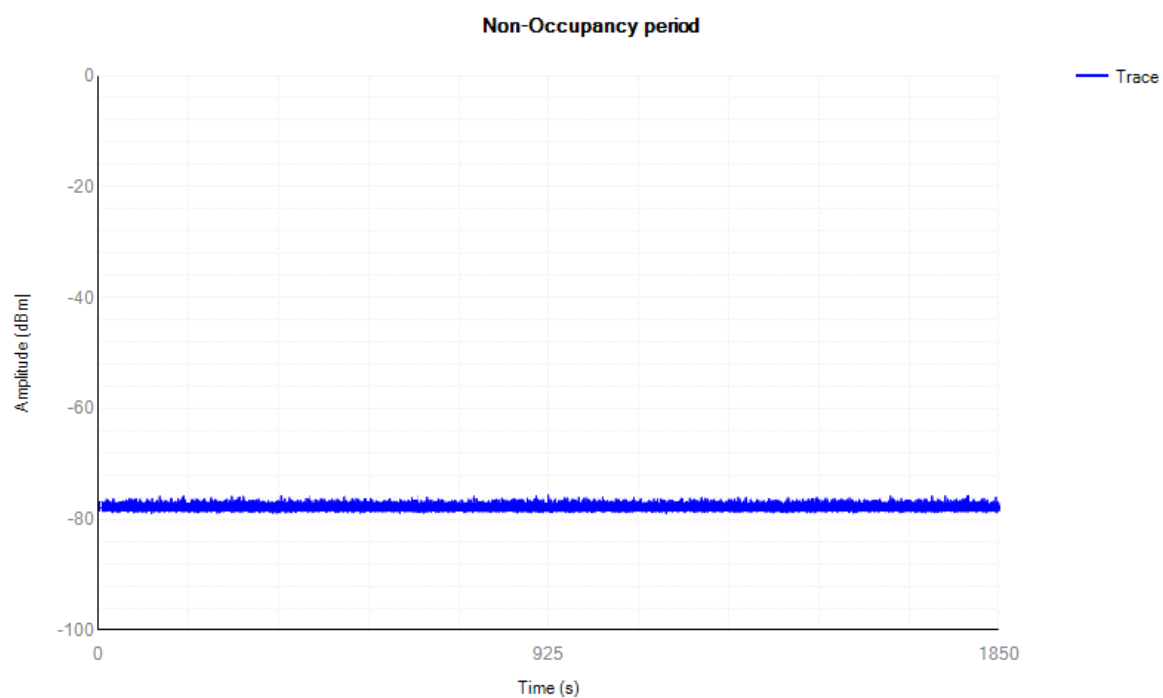
5530MHz ac80 Non-Occupancy



5310MHz n40 Non-Occupancy

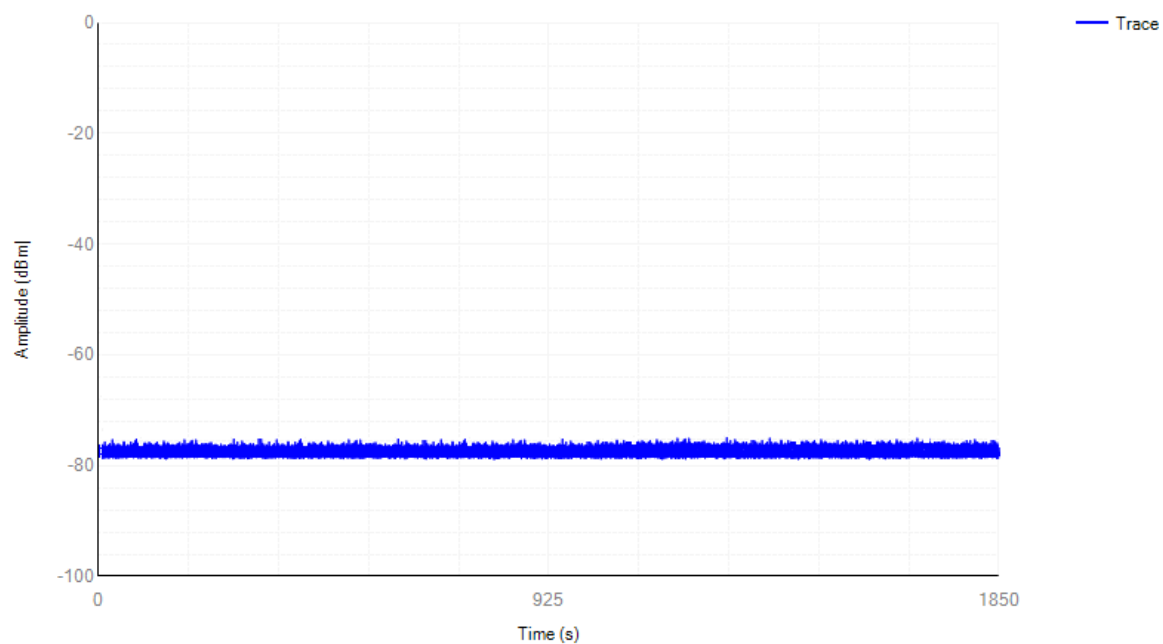


5510MHz n40 Non-Occupancy



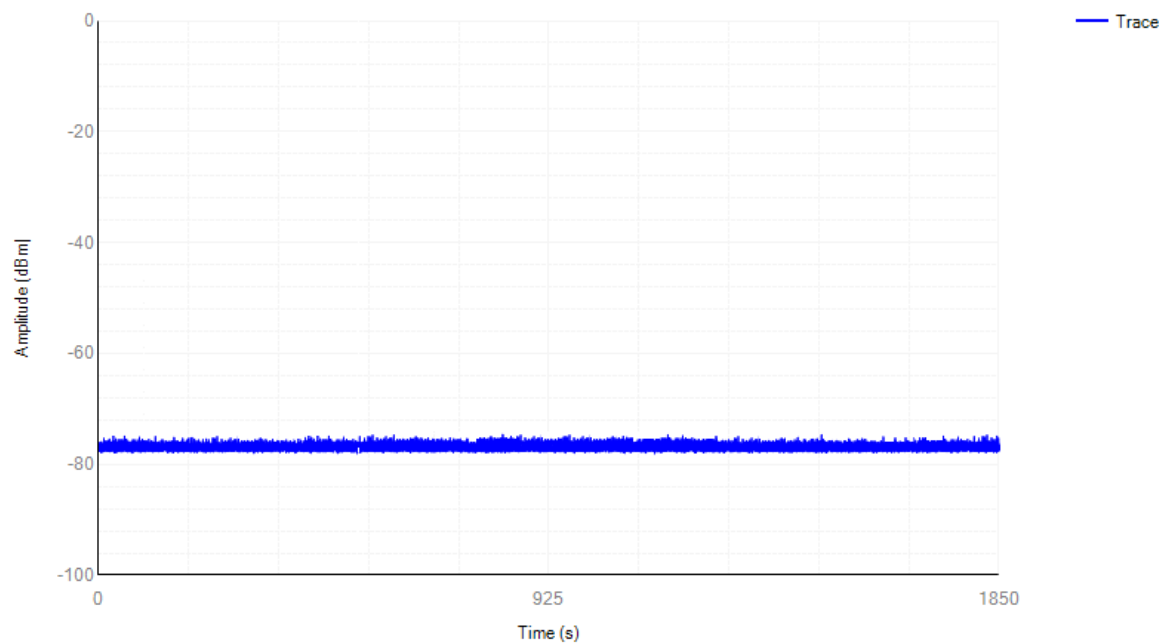
# 5320MHz a Non-Occupancy

## Non-Occupancy period



# 5500MHz a Non-Occupancy

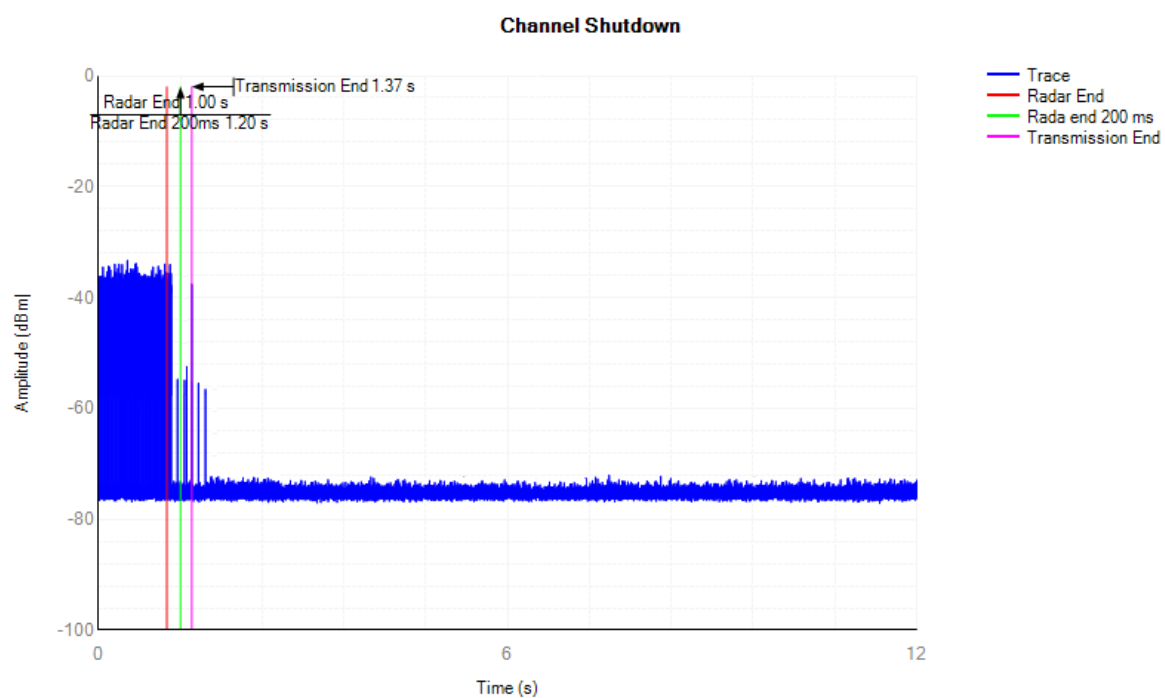
## Non-Occupancy period



## Shutdown Time

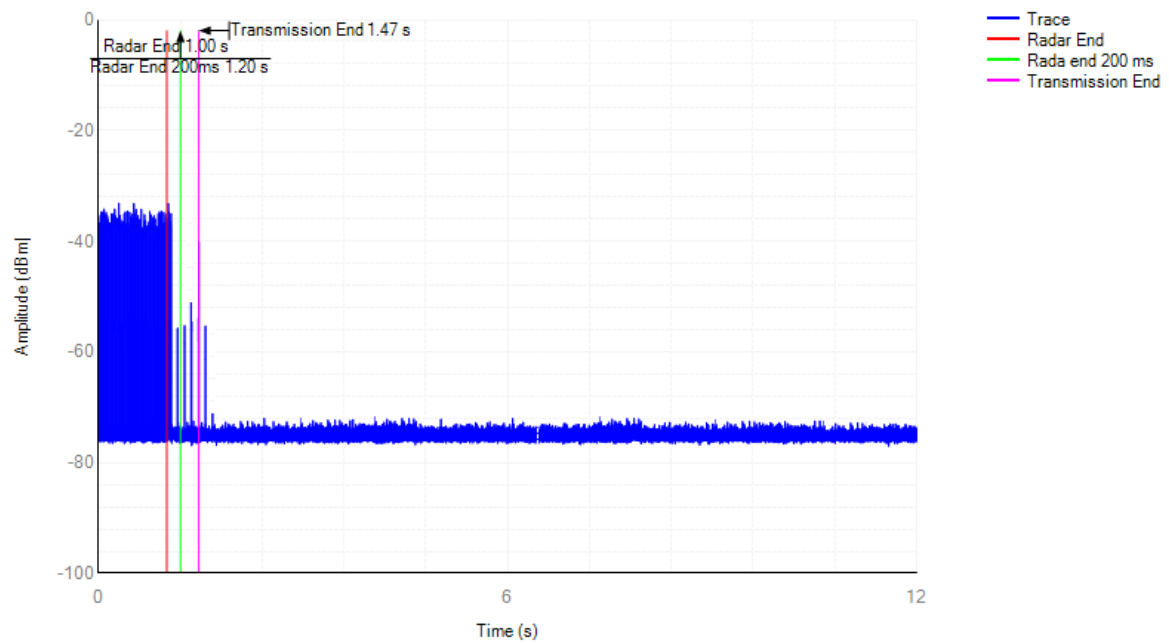
| Mode | Frequency (MHz) | Channel Move Time (s) | Limit Channel Move Time (s) | Close Transmission Time (s) | Limit Close Transmission Time (s) | Close Transmission Time after 200ms(s) | Limit Close Transmission Time after 200ms (s) | Verdict |
|------|-----------------|-----------------------|-----------------------------|-----------------------------|-----------------------------------|----------------------------------------|-----------------------------------------------|---------|
| ac80 | 5290            | 0.366                 | 10                          | 0.0096                      | 0.26                              | 0.0008                                 | 0.06                                          | Pass    |
| ac80 | 5530            | 0.4692                | 10                          | 0.0072                      | 0.26                              | 0.0008                                 | 0.06                                          | Pass    |
| n40  | 5310            | 0.4284                | 10                          | 0.004                       | 0.26                              | 0.0024                                 | 0.06                                          | Pass    |
| n40  | 5510            | 0.4512                | 10                          | 0.0072                      | 0.26                              | 0.0024                                 | 0.06                                          | Pass    |
| a    | 5320            | 0.512                 | 10                          | 0.0068                      | 0.26                              | 0.0032                                 | 0.06                                          | Pass    |
| a    | 5500            | 0.5056                | 10                          | 0.006                       | 0.26                              | 0.0024                                 | 0.06                                          | Pass    |

5290MHz ac80 Shutdown



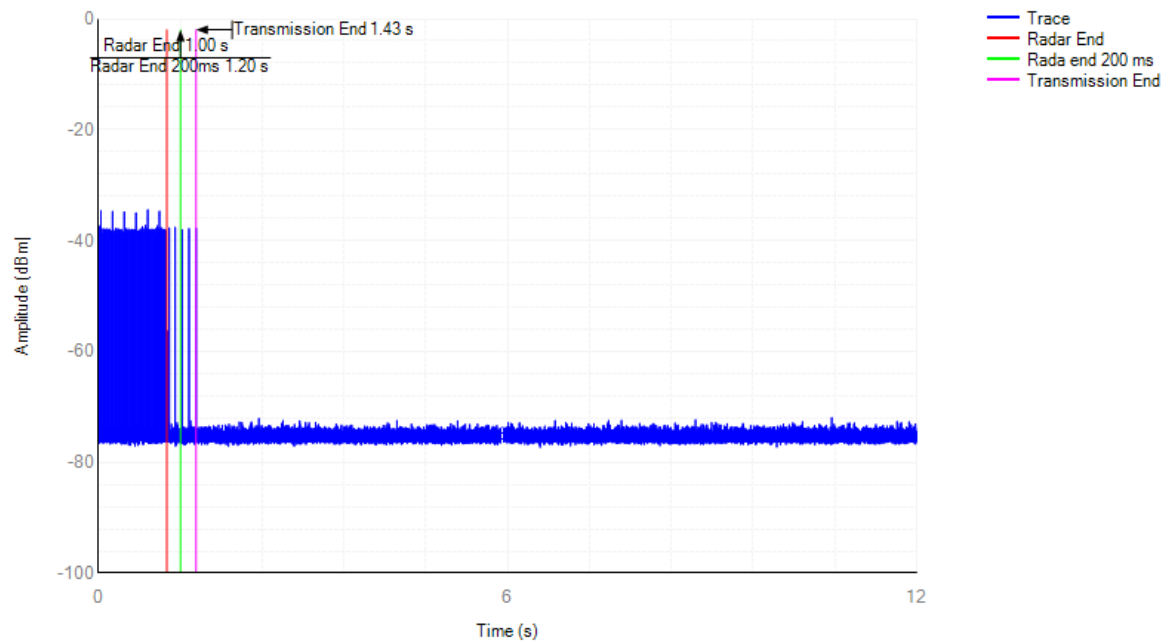
### 5530MHz ac80 Shutdown

#### Channel Shutdown



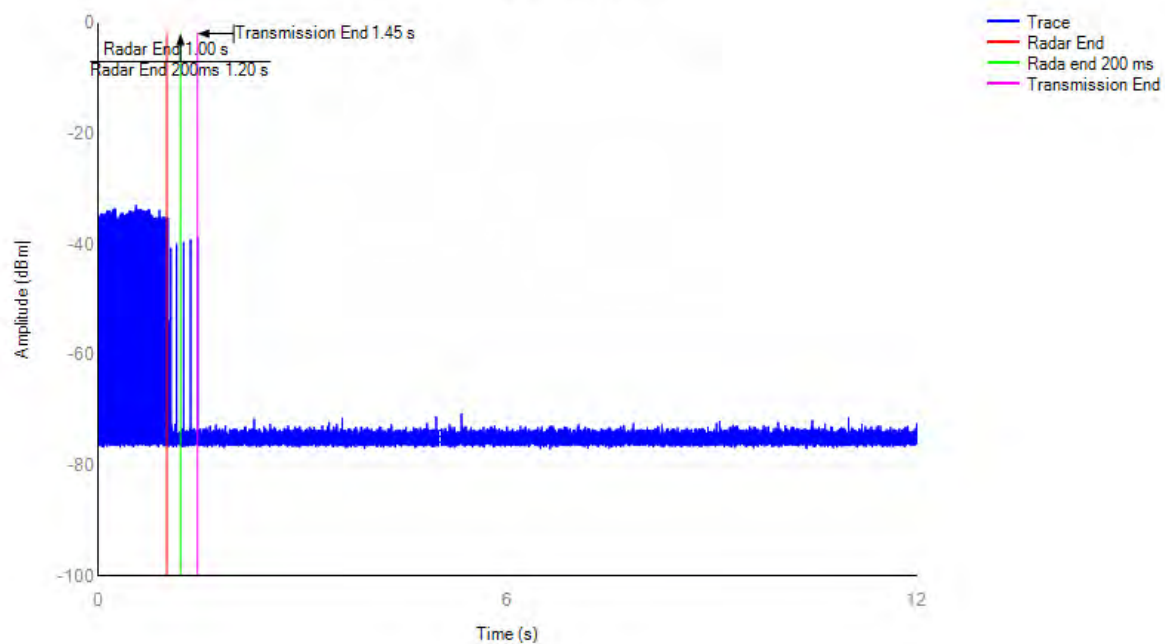
### 5310MHz n40 Shutdown

#### Channel Shutdown



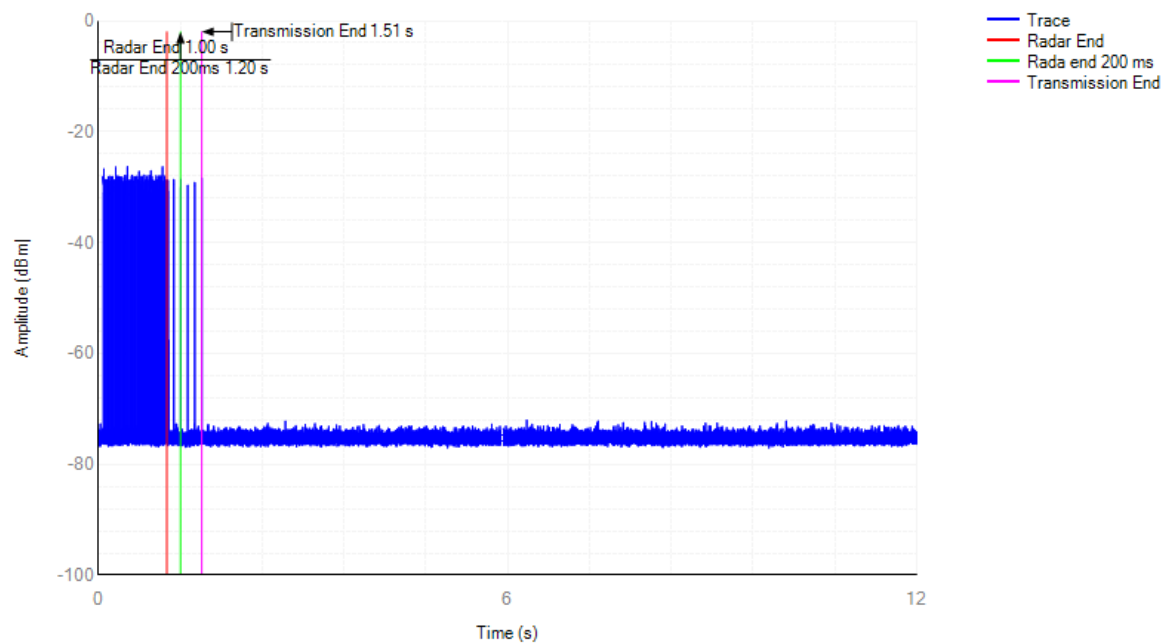
### 5510MHz n40 Shutdown

#### Channel Shutdown



### 5320MHz a Shutdown

#### Channel Shutdown



# 5500MHz a Shutdown

## Channel Shutdown

