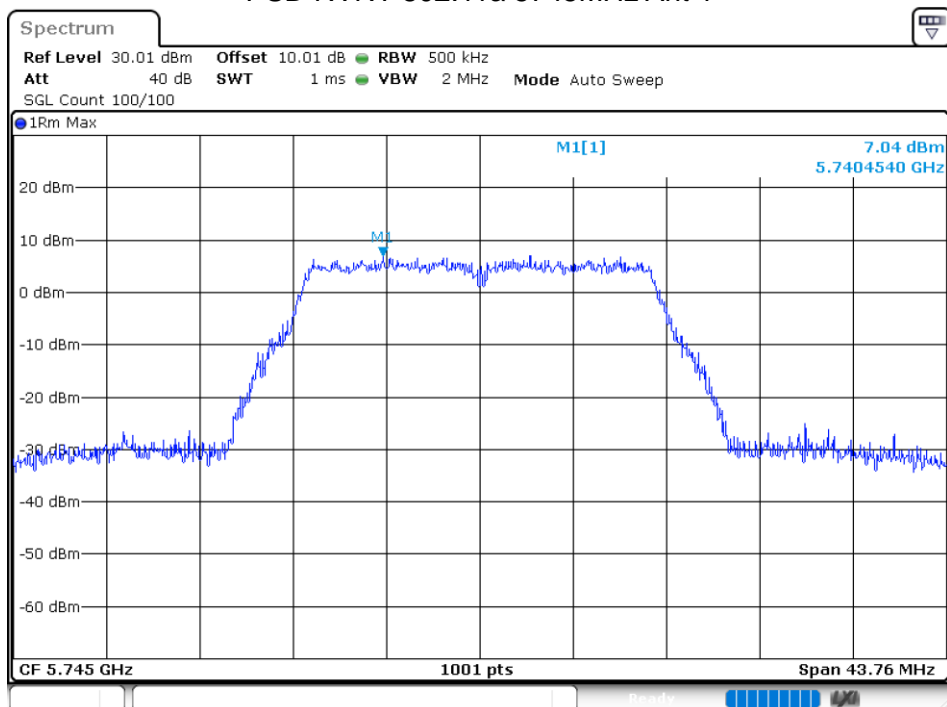


5.8G:

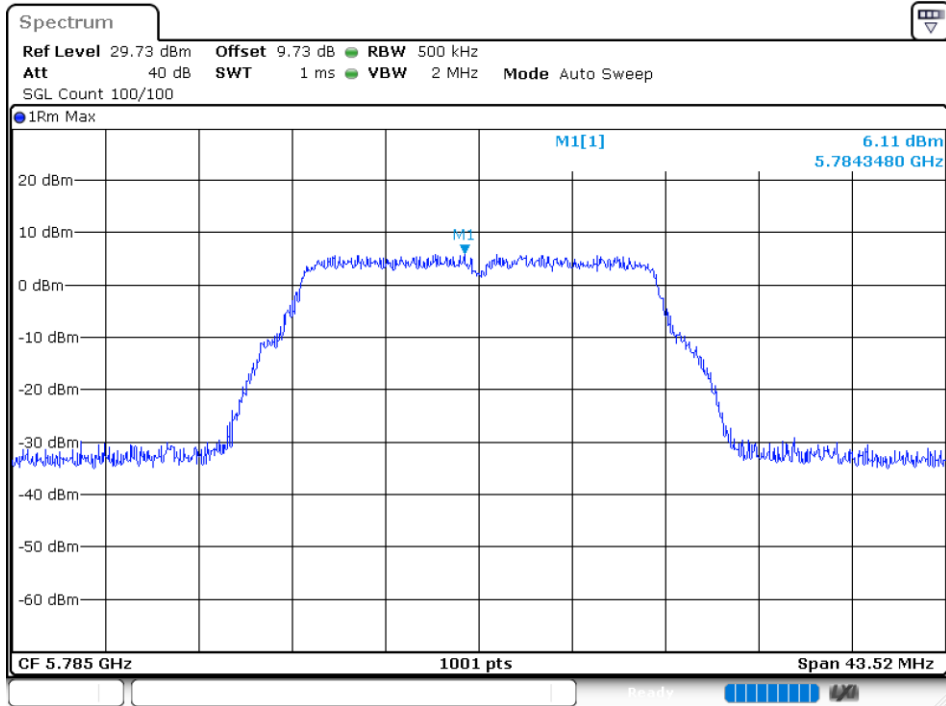
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Total Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|---------------|-----------------|---------|---------------|---------------------|-------------|---------|
| NVNT | 802.11a | 5745 | Ant 1 | 7.045 | - | 30 | Pass |
| NVNT | 802.11a | 5785 | Ant 1 | 6.107 | - | 30 | Pass |
| NVNT | 802.11a | 5825 | Ant 1 | 6.749 | - | 30 | Pass |
| NVNT | 802.11a | 5745 | Ant 2 | 6.448 | - | 30 | Pass |
| NVNT | 802.11a | 5785 | Ant 2 | 5.149 | - | 30 | Pass |
| NVNT | 802.11a | 5825 | Ant 2 | 6.556 | - | 30 | Pass |
| NVNT | 802.11ac20 | 5745 | Ant 1 | 6.165 | 9.35 | 27.29 | Pass |
| NVNT | 802.11ac20 | 5745 | Ant 2 | 6.513 | | | Pass |
| NVNT | 802.11ac20 | 5785 | Ant 1 | 6.211 | 8.66 | 27.29 | Pass |
| NVNT | 802.11ac20 | 5785 | Ant 2 | 4.999 | | | Pass |
| NVNT | 802.11ac20 | 5825 | Ant 1 | 6.76 | 9.67 | 27.29 | Pass |
| NVNT | 802.11ac20 | 5825 | Ant 2 | 6.549 | | | Pass |
| NVNT | 802.11ac40 | 5755 | Ant 1 | 3.211 | 6.14 | 27.29 | Pass |
| NVNT | 802.11ac40 | 5755 | Ant 2 | 3.044 | | | Pass |
| NVNT | 802.11ac40 | 5795 | Ant 1 | 3.884 | 5.71 | 27.29 | Pass |
| NVNT | 802.11ac40 | 5795 | Ant 2 | 1.073 | | | Pass |
| NVNT | 802.11ac80 | 5775 | Ant 1 | -0.034 | 2.33 | 27.29 | Pass |
| NVNT | 802.11ac80 | 5775 | Ant 2 | -1.44 | | | Pass |
| NVNT | 802.11n(HT20) | 5745 | Ant 1 | 6.692 | 9.86 | 27.29 | Pass |
| NVNT | 802.11n(HT20) | 5745 | Ant 2 | 6.995 | | | Pass |
| NVNT | 802.11n(HT20) | 5785 | Ant 1 | 6.66 | 9.12 | 27.29 | Pass |
| NVNT | 802.11n(HT20) | 5785 | Ant 2 | 5.483 | | | Pass |
| NVNT | 802.11n(HT20) | 5825 | Ant 1 | 6.27 | 9.58 | 27.29 | Pass |
| NVNT | 802.11n(HT20) | 5825 | Ant 2 | 6.85 | | | Pass |
| NVNT | 802.11n(HT40) | 5755 | Ant 1 | 3.565 | 6.53 | 27.29 | Pass |
| NVNT | 802.11n(HT40) | 5755 | Ant 2 | 3.481 | | | Pass |
| NVNT | 802.11n(HT40) | 5795 | Ant 1 | 4.199 | 6.61 | 27.29 | Pass |
| NVNT | 802.11n(HT40) | 5795 | Ant 2 | 2.908 | | | Pass |

Band3 For 802.11n/ac 5GHz has MIMO mode.Direction gain=8.71dbi
 $8.71\text{dbi} > 6.0\text{dbi}$ so power density limit= $30 - (8.71 - 6) = 27.29$ in dBm

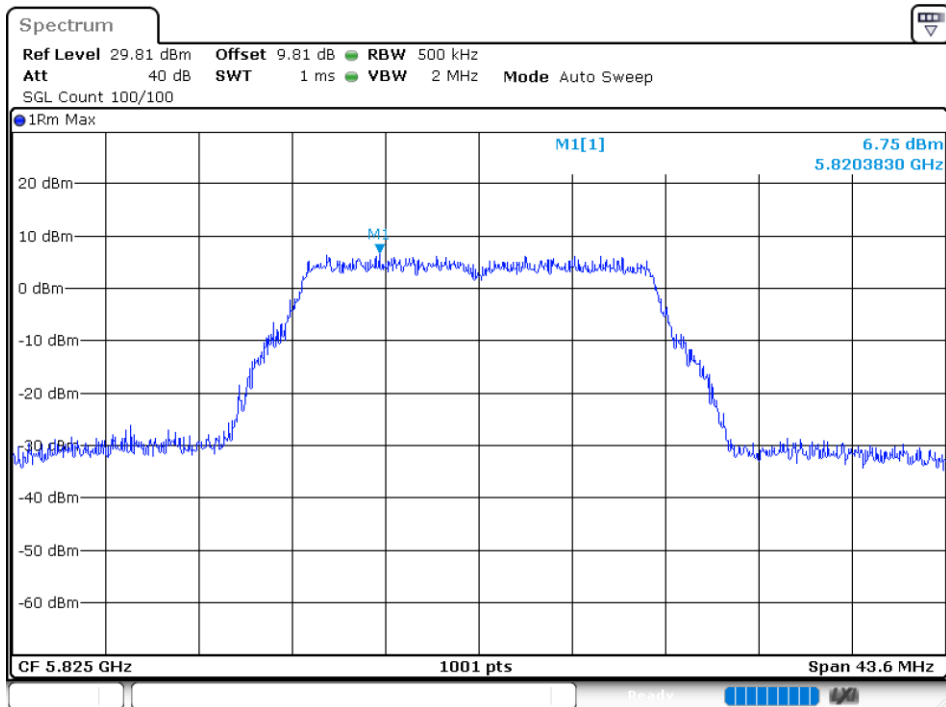
PSD NVNT 802.11a 5745MHz Ant 1



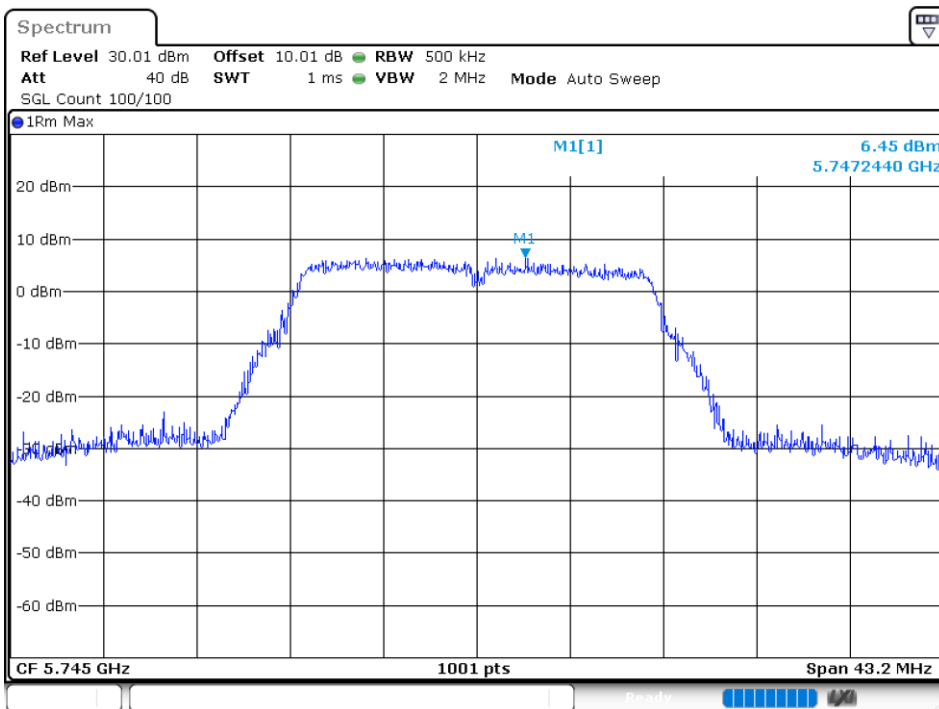
PSD NVNT 802.11a 5785MHz Ant 1



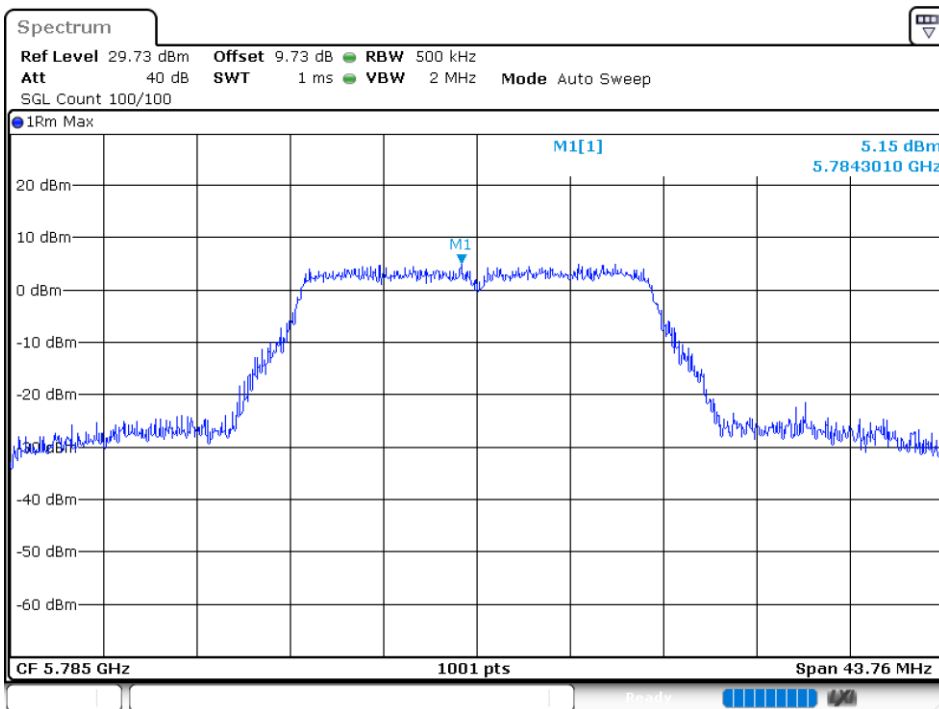
PSD NVNT 802.11a 5825MHz Ant 1



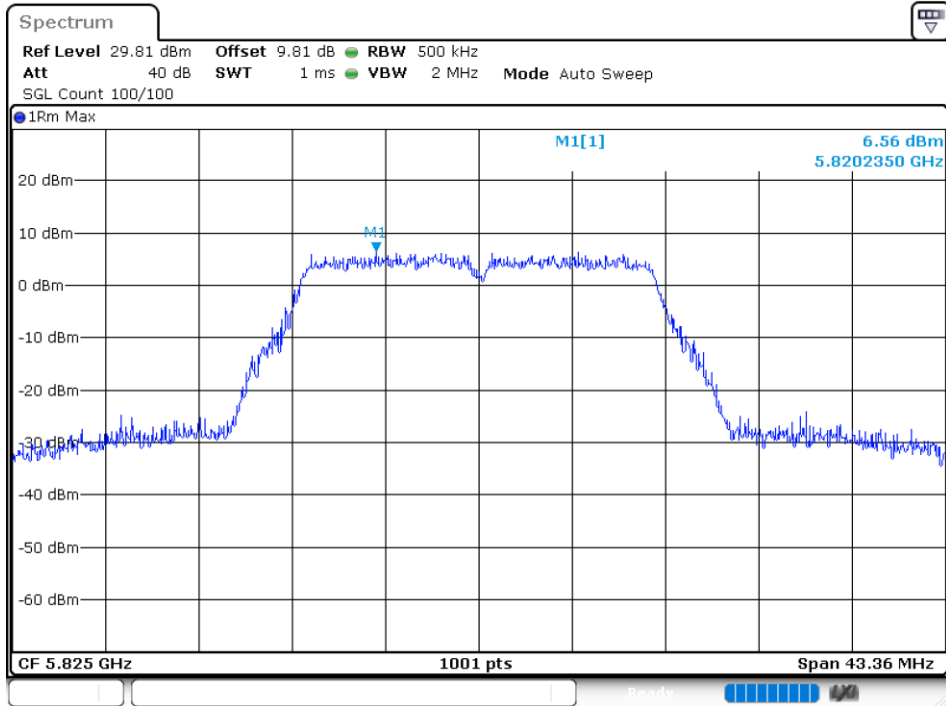
PSD NVNT 802.11a 5745MHz Ant 2



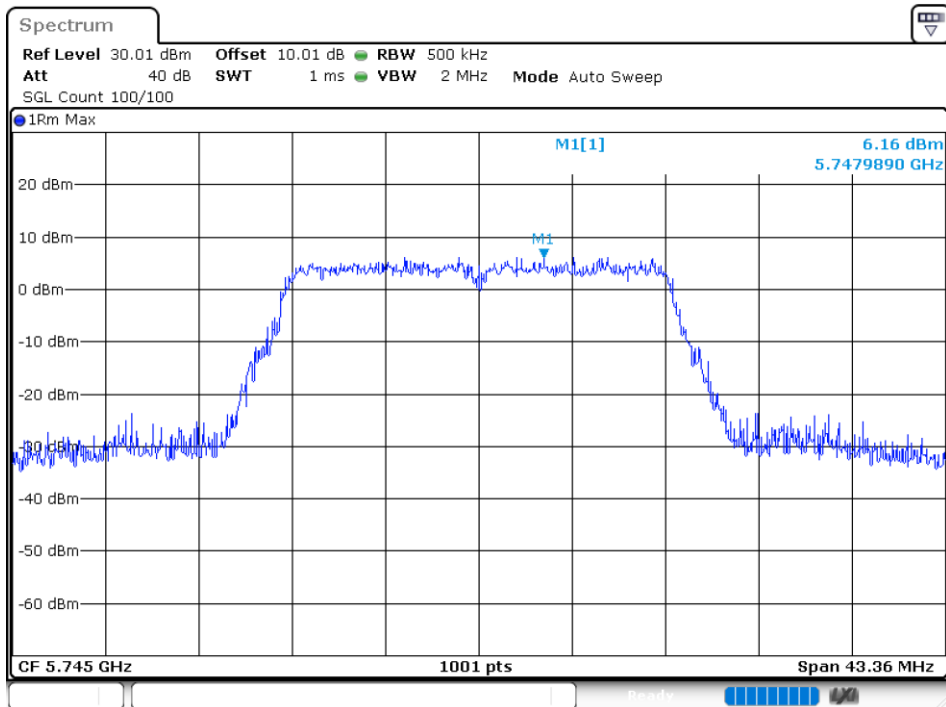
PSD NVNT 802.11a 5785MHz Ant 2



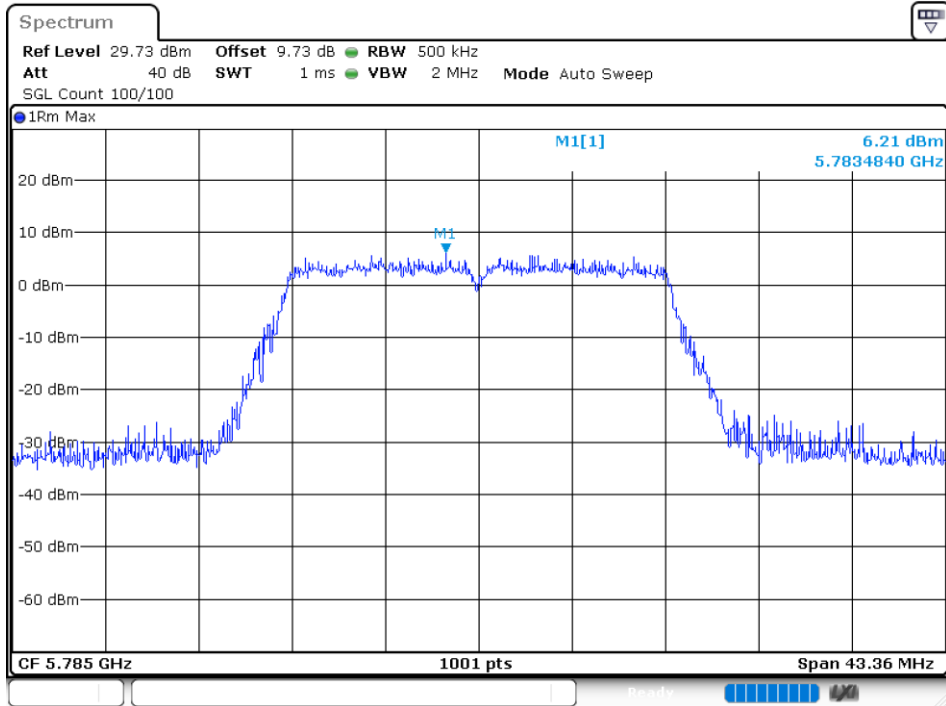
PSD NVNT 802.11a 5825MHz Ant 2



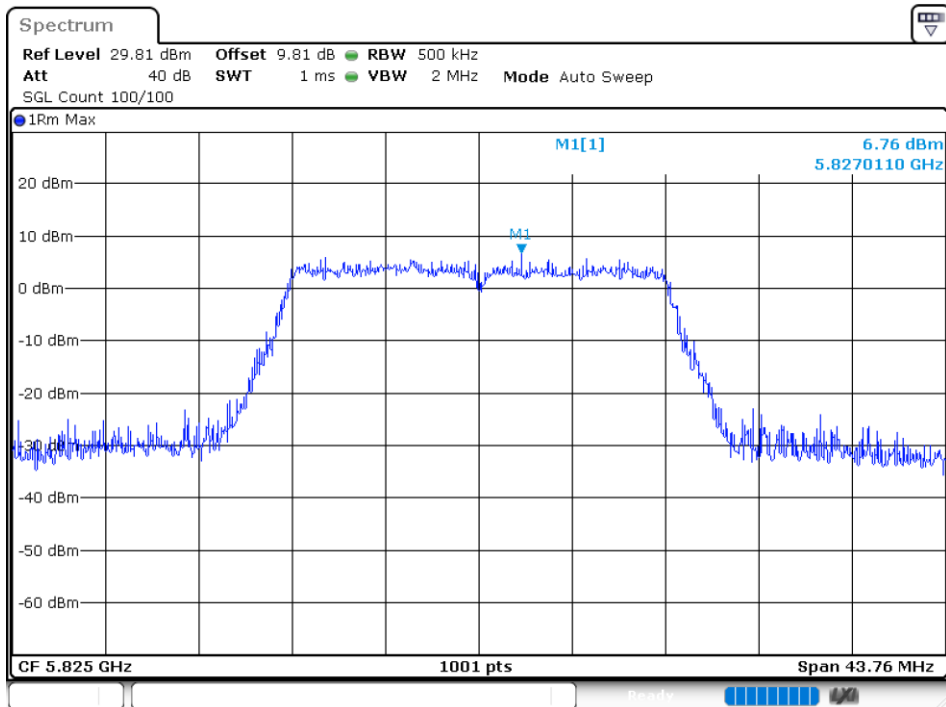
PSD NVNT 802.11ac20 5745MHz Ant 1



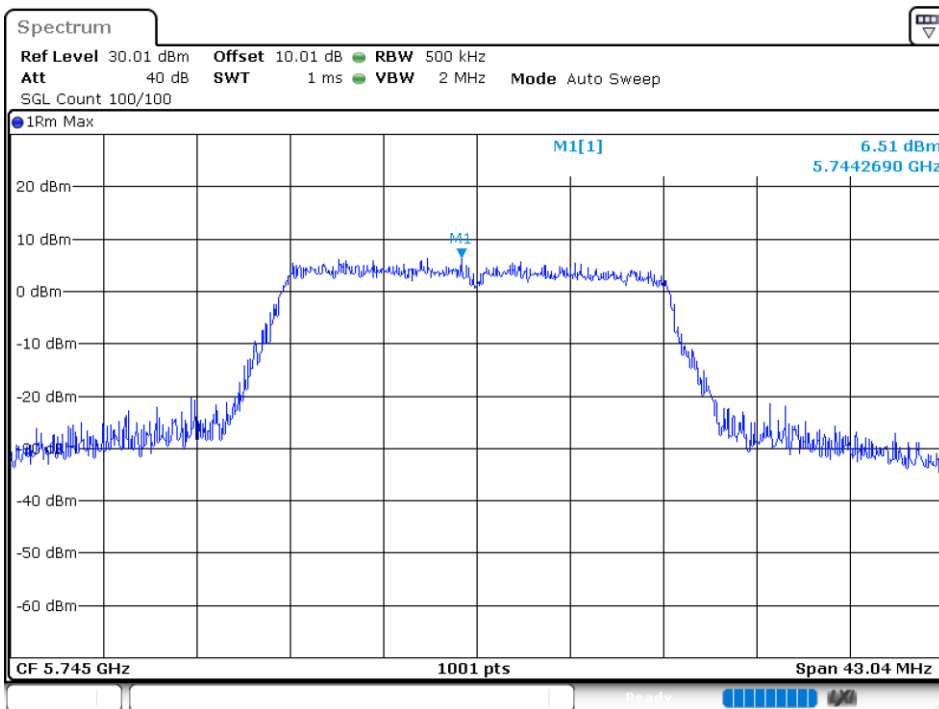
PSD NVNT 802.11ac20 5785MHz Ant 1



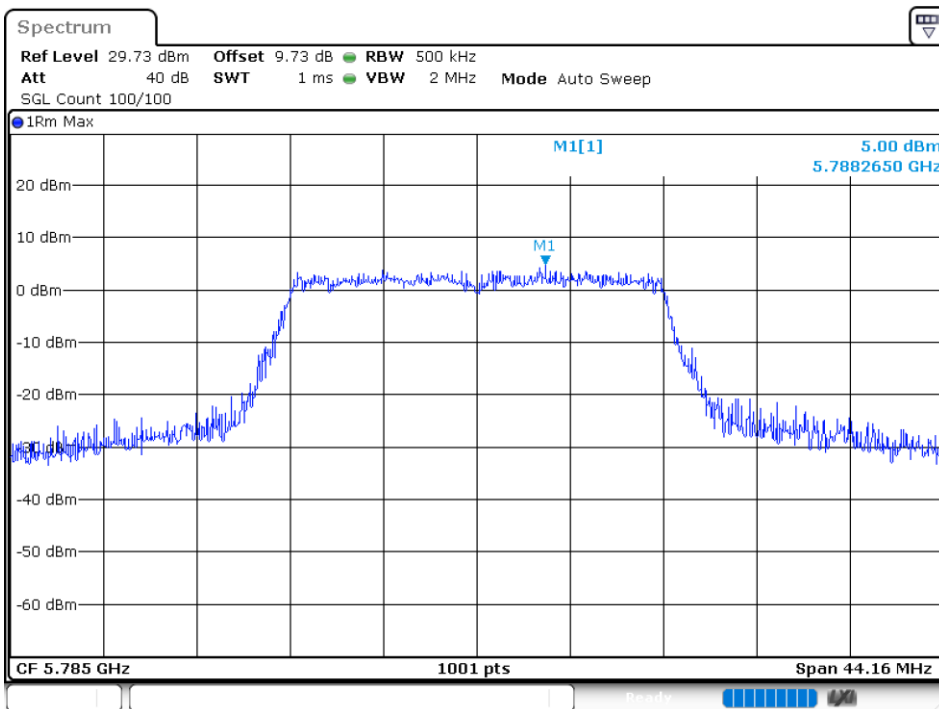
PSD NVNT 802.11ac20 5825MHz Ant 1



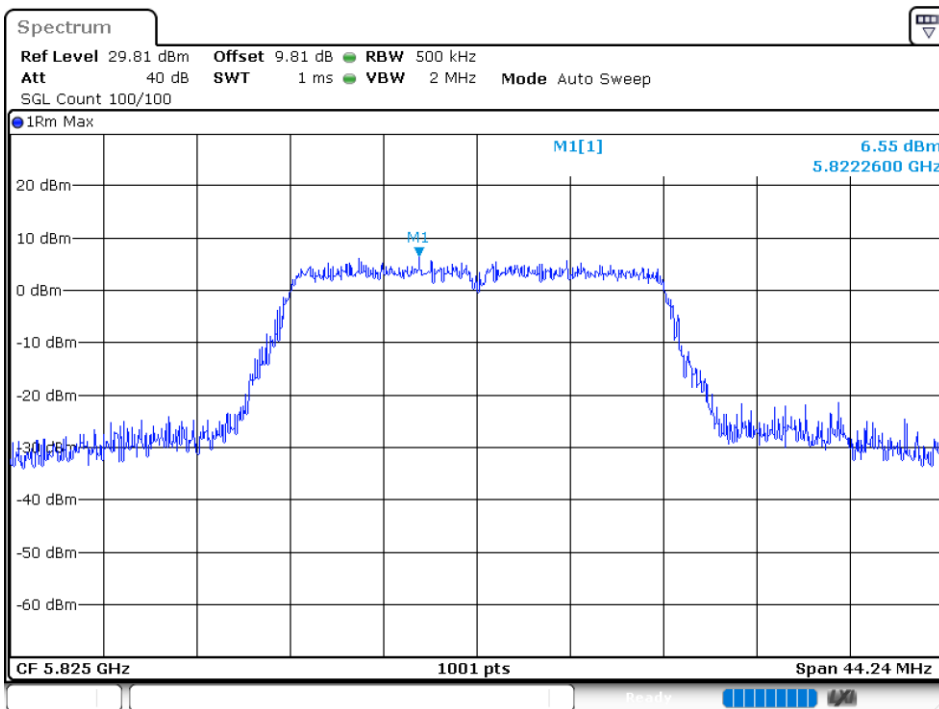
PSD NVNT 802.11ac20 5745MHz Ant 2



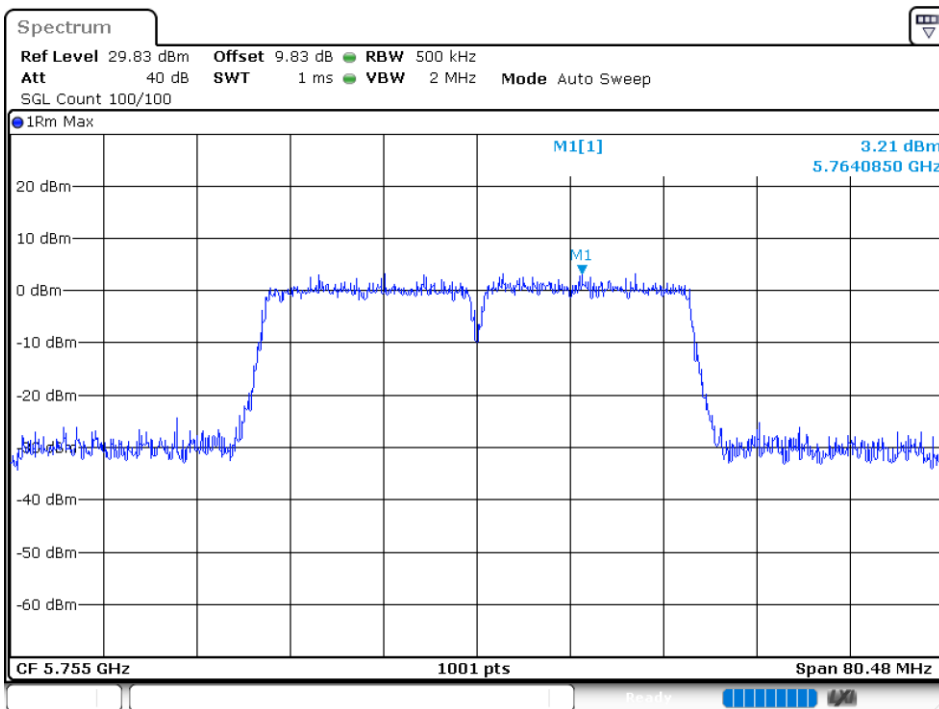
PSD NVNT 802.11ac20 5785MHz Ant 2



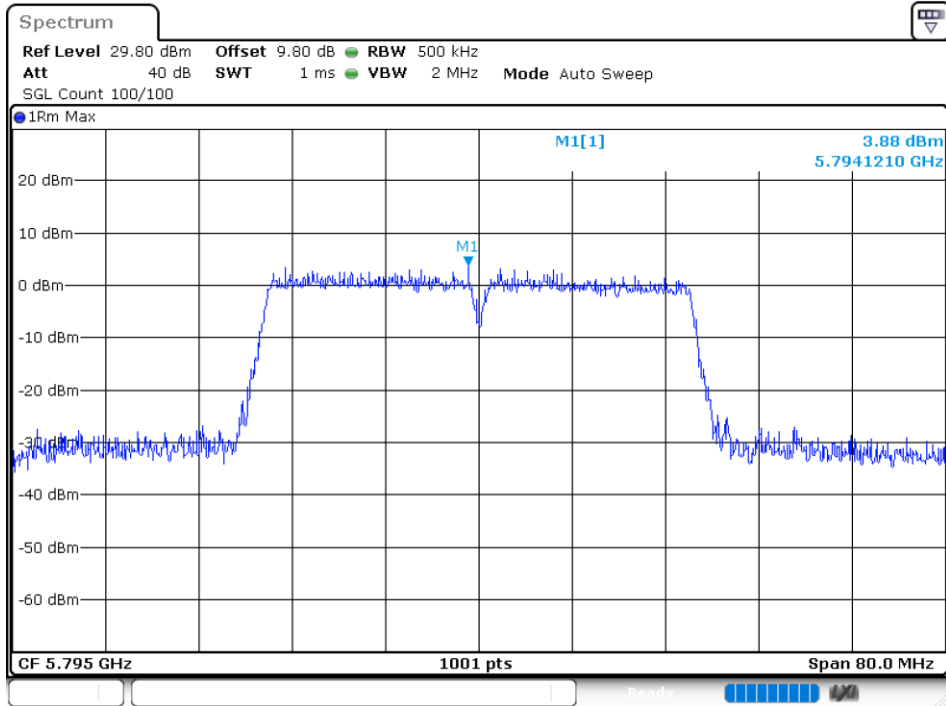
PSD NVNT 802.11ac20 5825MHz Ant 2



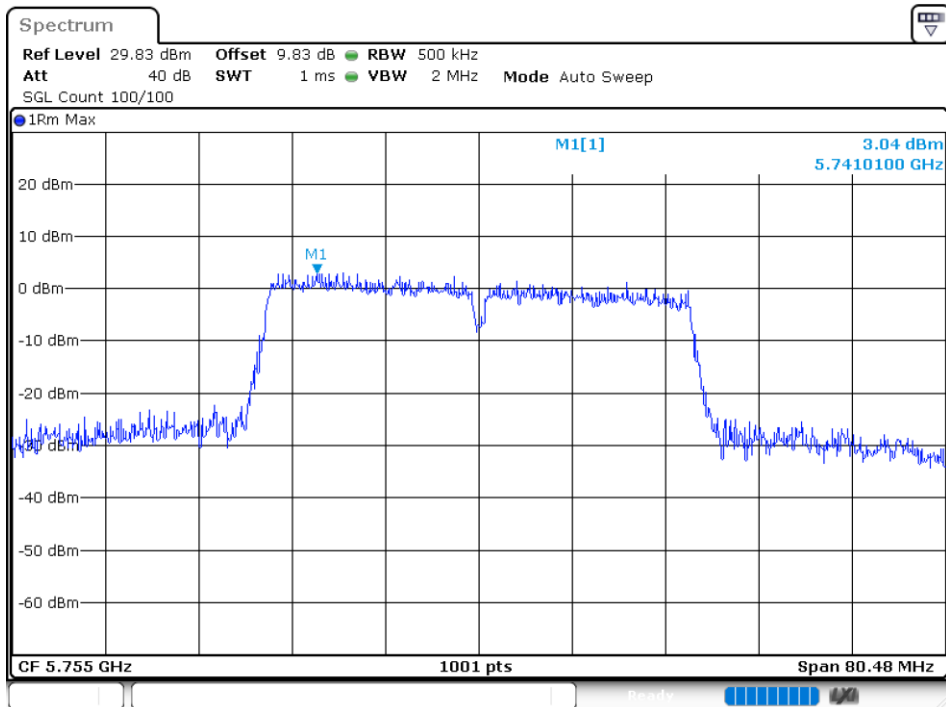
PSD NVNT 802.11ac40 5755MHz Ant 1



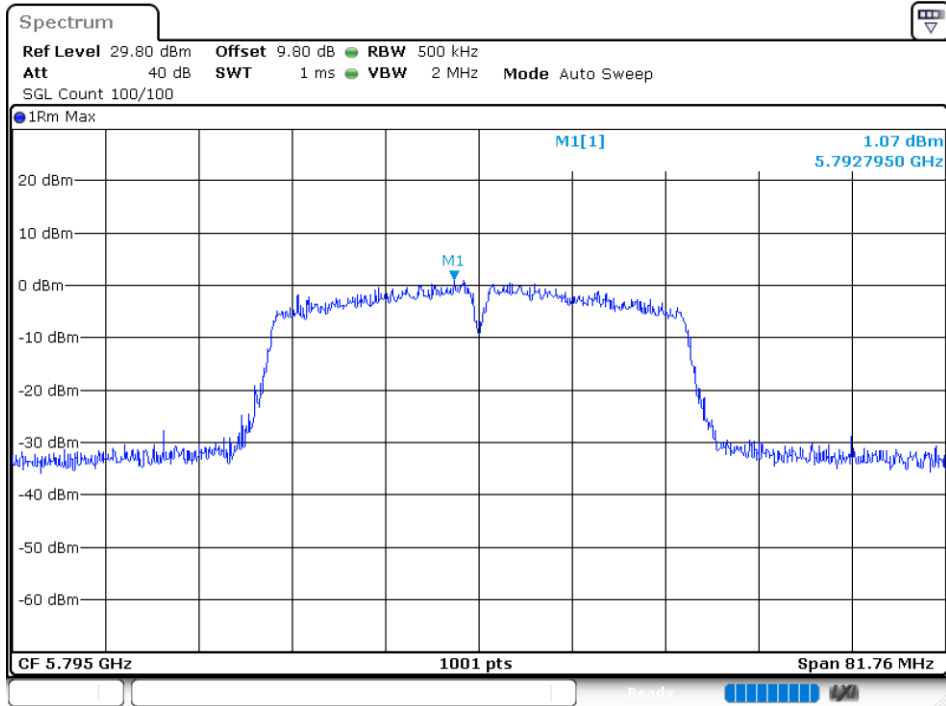
PSD NVNT 802.11ac40 5795MHz Ant 1



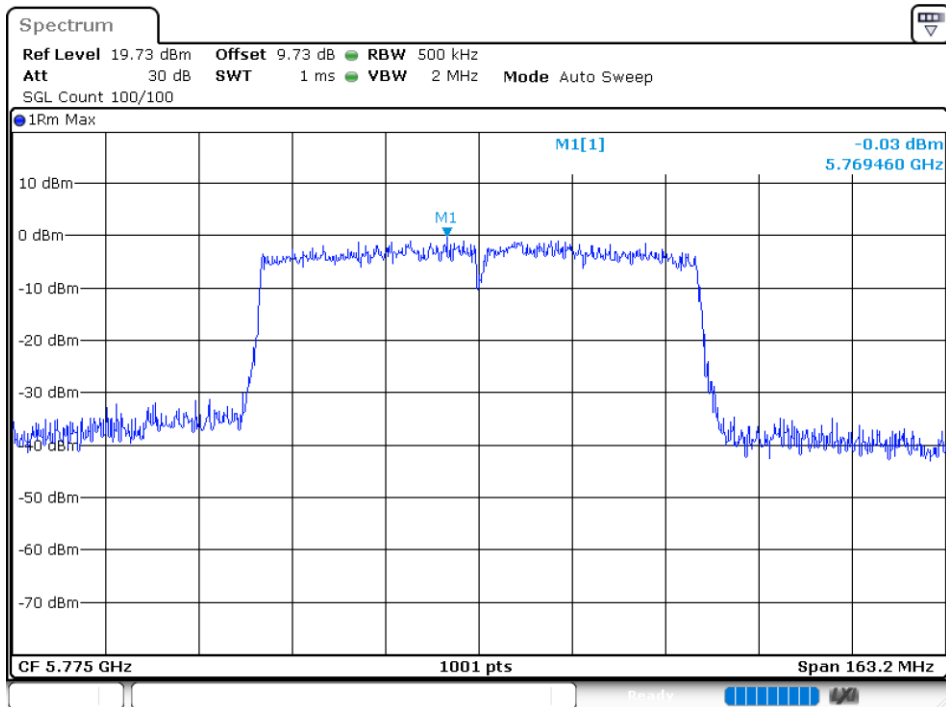
PSD NVNT 802.11ac40 5755MHz Ant 2



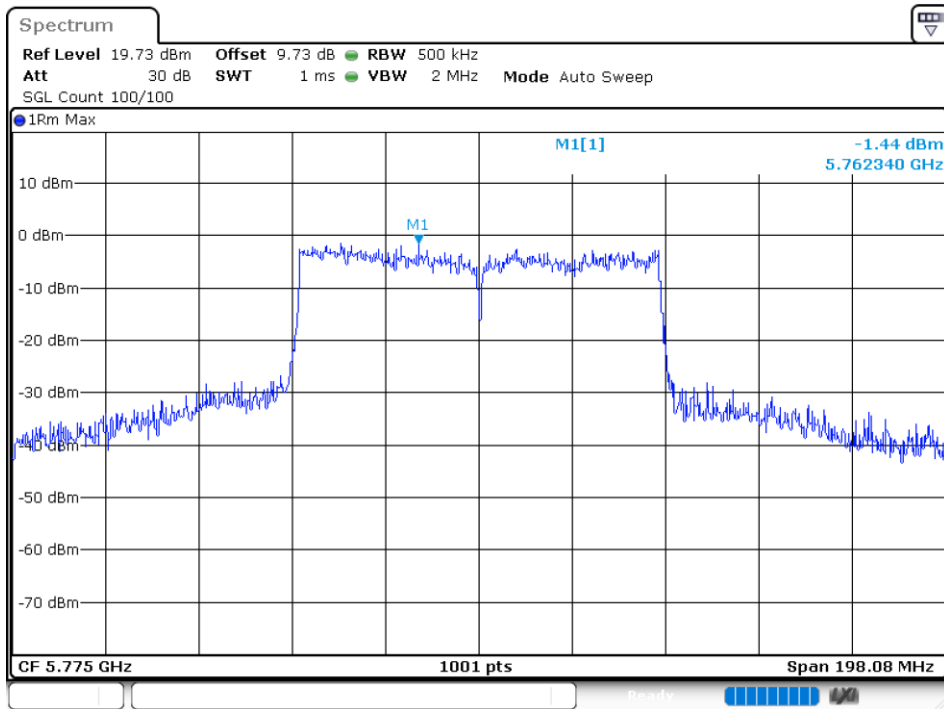
PSD NVNT 802.11ac40 5795MHz Ant 2



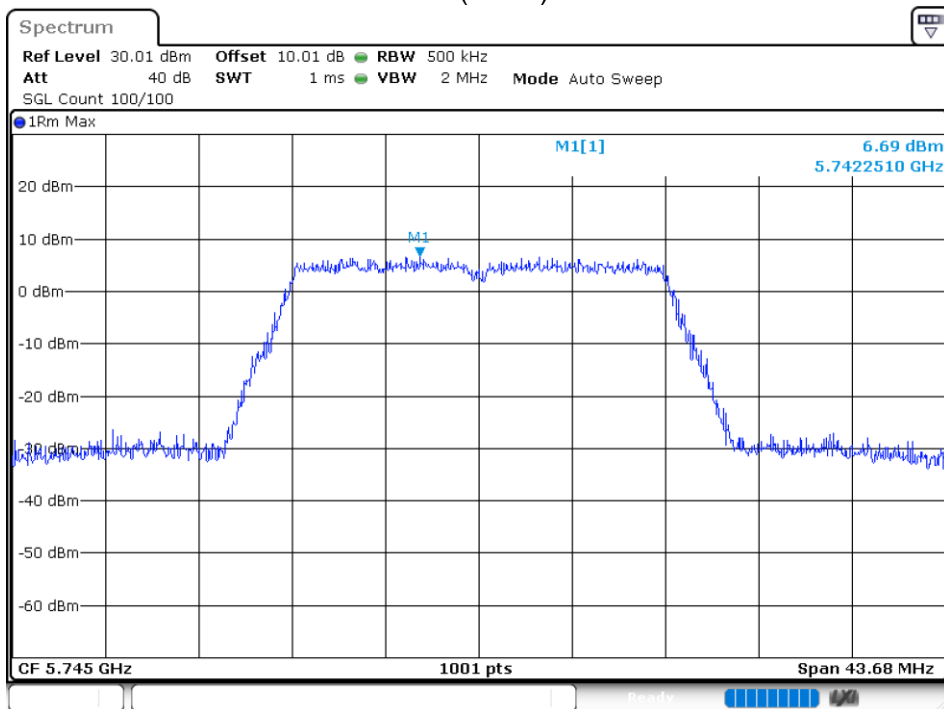
PSD NVNT 802.11ac80 5775MHz Ant 1



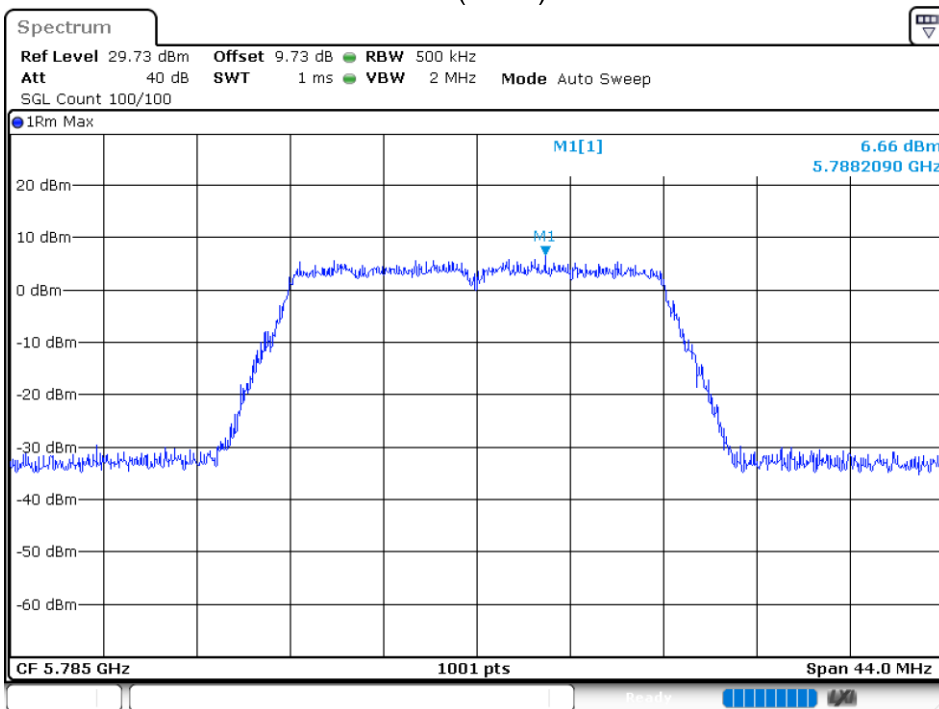
PSD NVNT 802.11ac80 5775MHz Ant 2



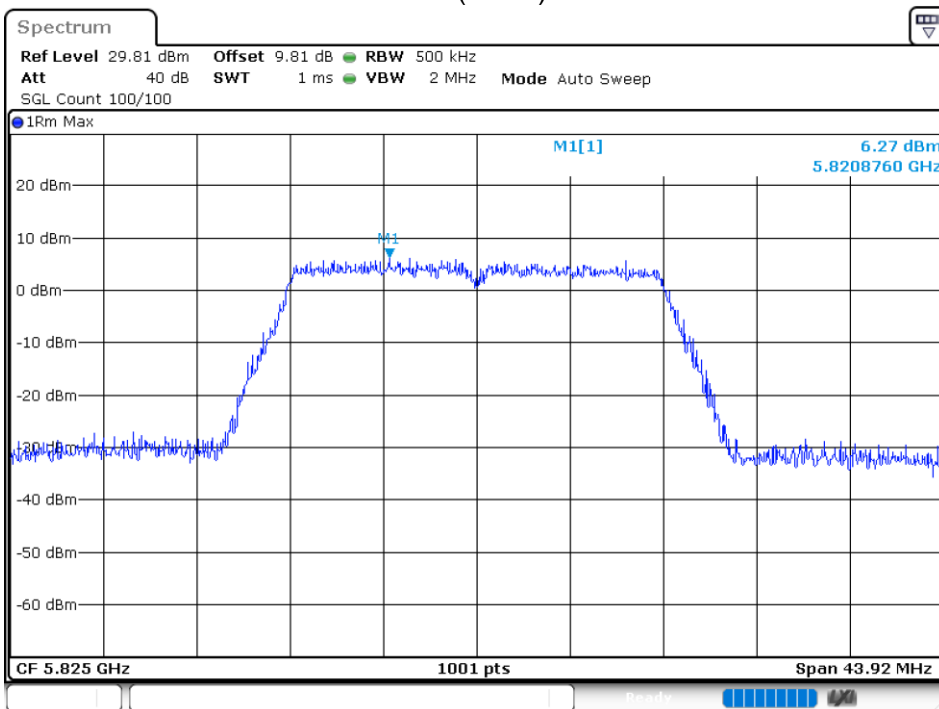
PSD NVNT 802.11n(HT20) 5745MHz Ant 1



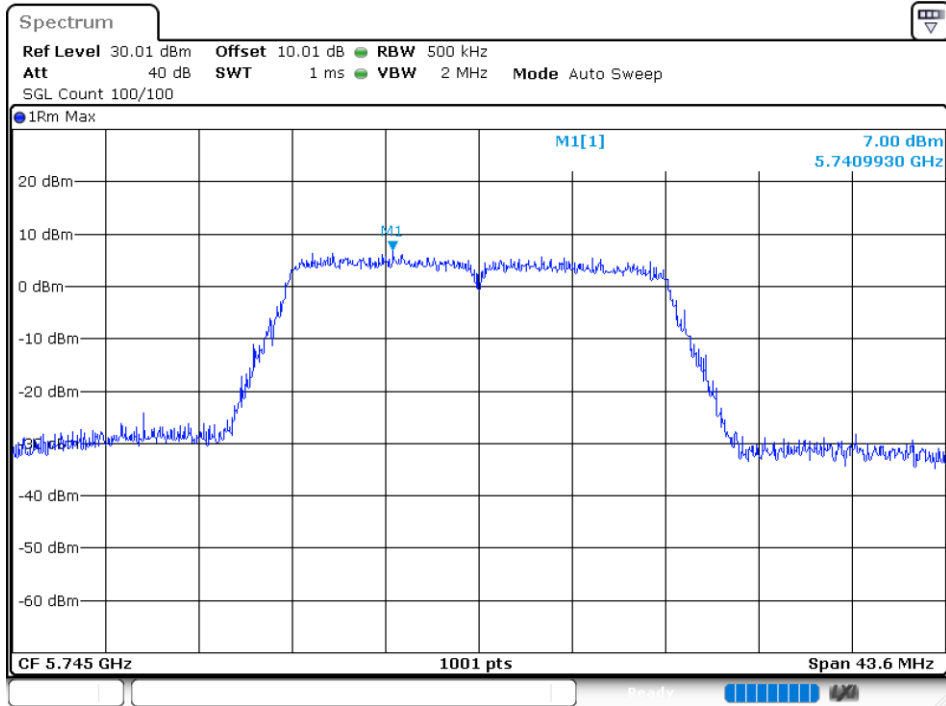
PSD NVNT 802.11n(HT20) 5785MHz Ant 1



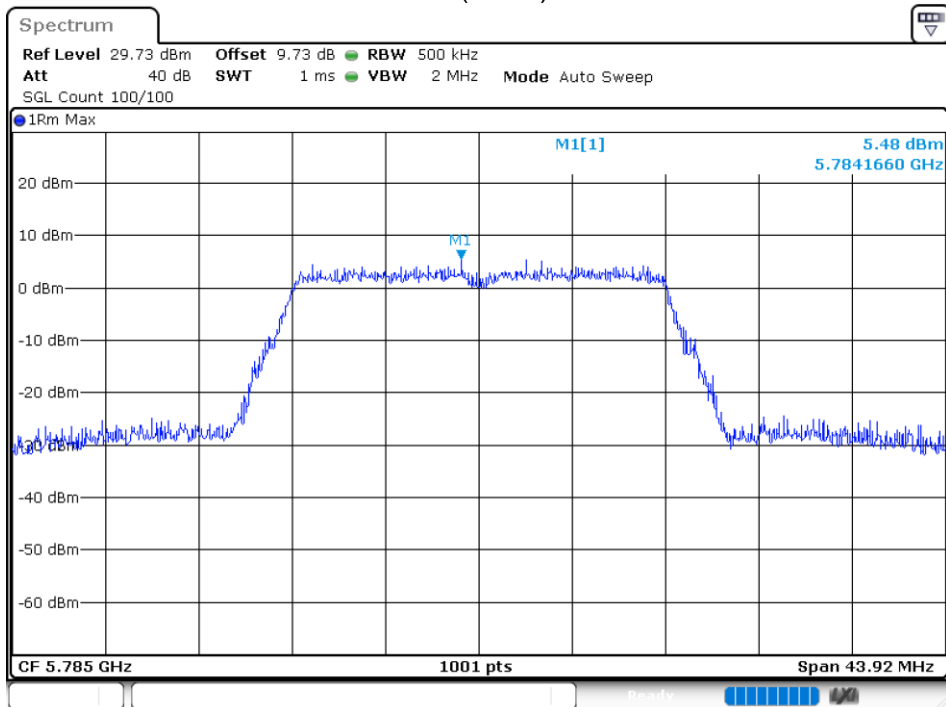
PSD NVNT 802.11n(HT20) 5825MHz Ant 1



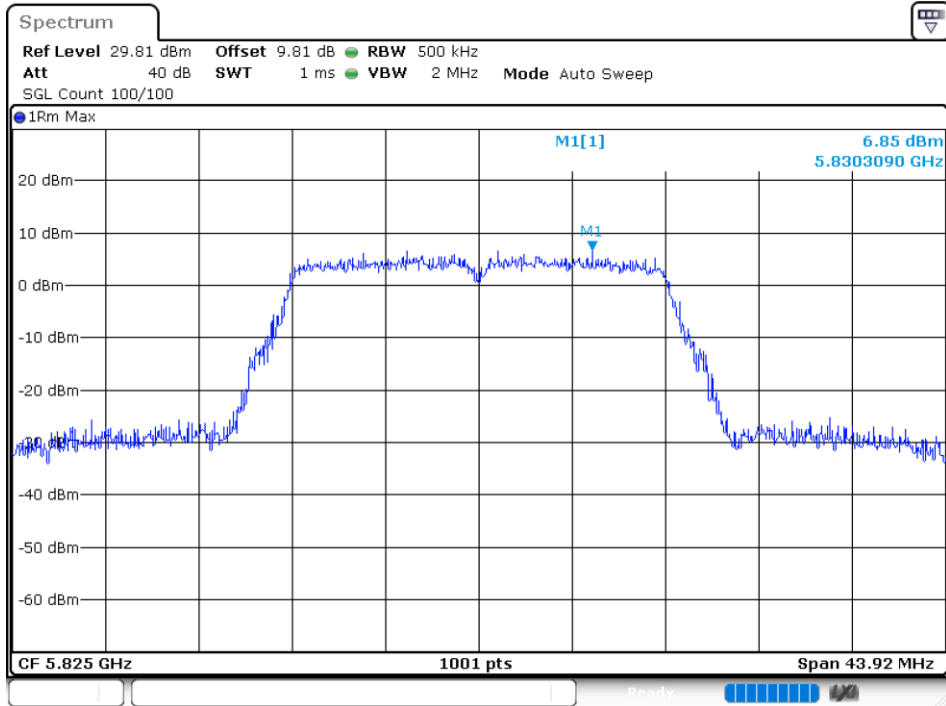
PSD NVNT 802.11n(HT20) 5745MHz Ant 2



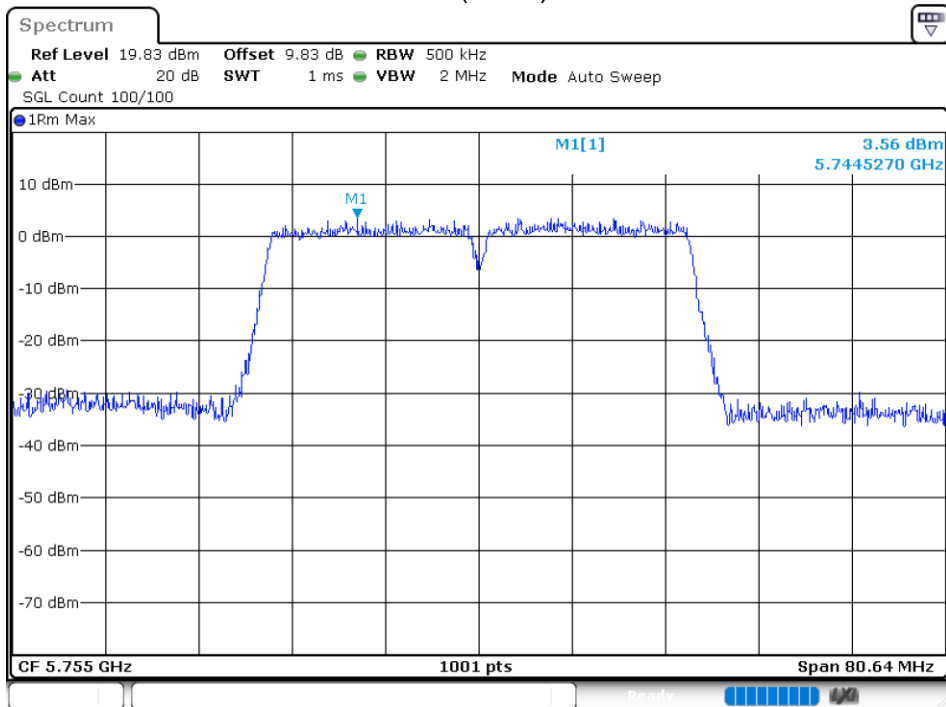
PSD NVNT 802.11n(HT20) 5785MHz Ant 2



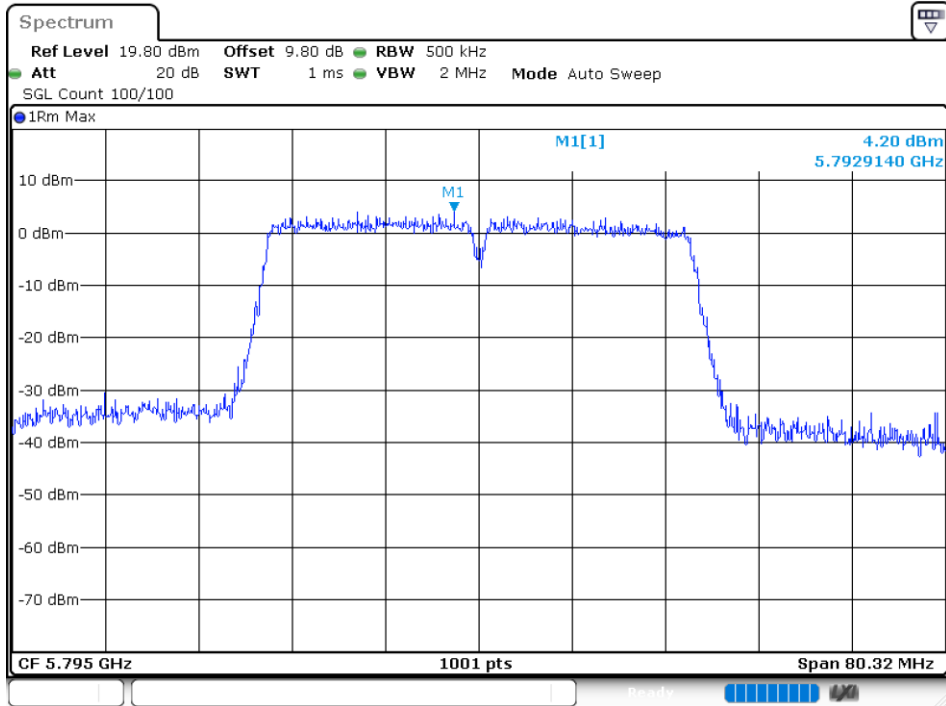
PSD NVNT 802.11n(HT20) 5825MHz Ant 2



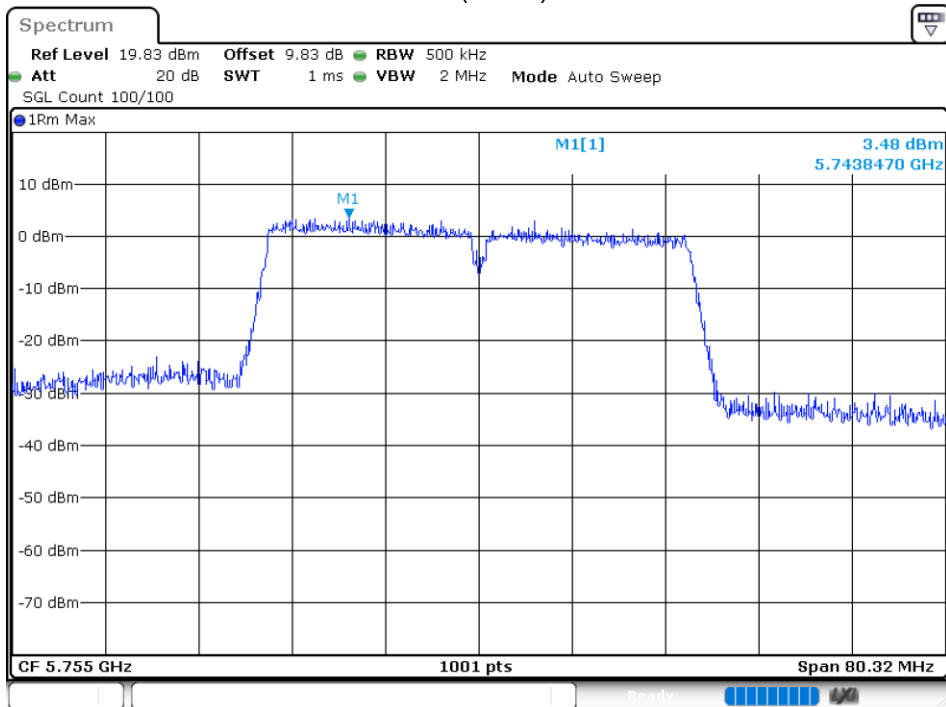
PSD NVNT 802.11n(HT40) 5755MHz Ant 1



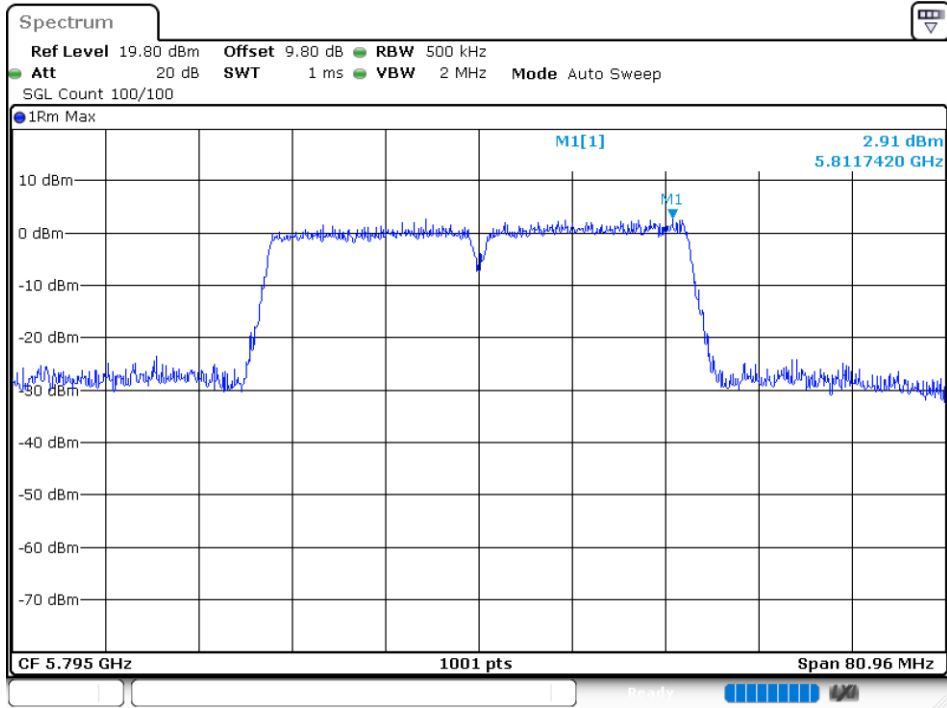
PSD NVNT 802.11n(HT40) 5795MHz Ant 1



PSD NVNT 802.11n(HT40) 5755MHz Ant 2



PSD NVNT 802.11n(HT40) 5795MHz Ant 2

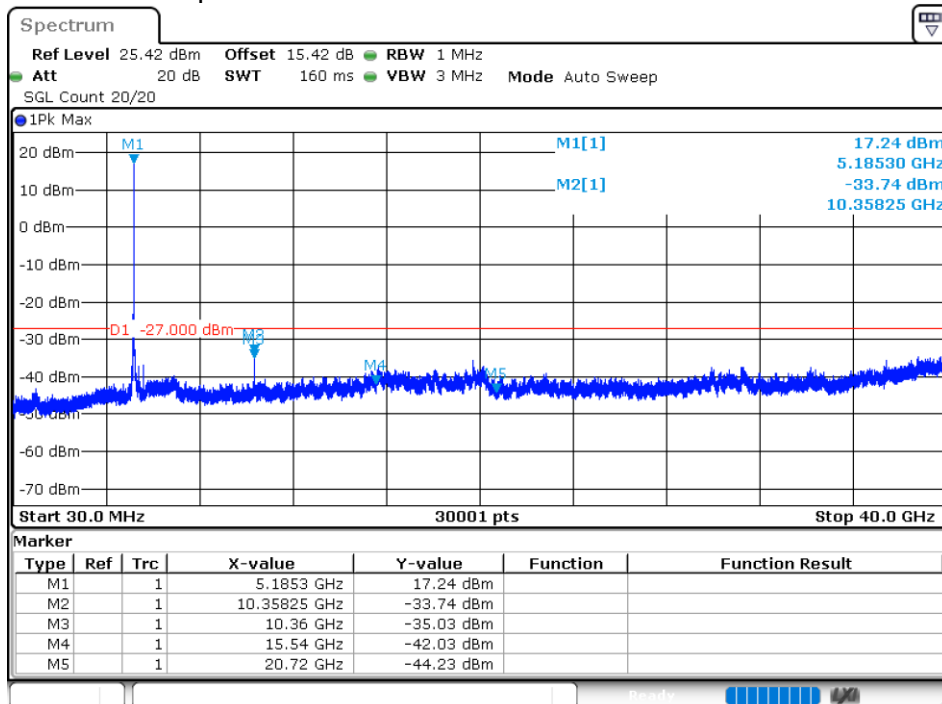


11.6 CONDUCTED RF SPURIOUS EMISSION

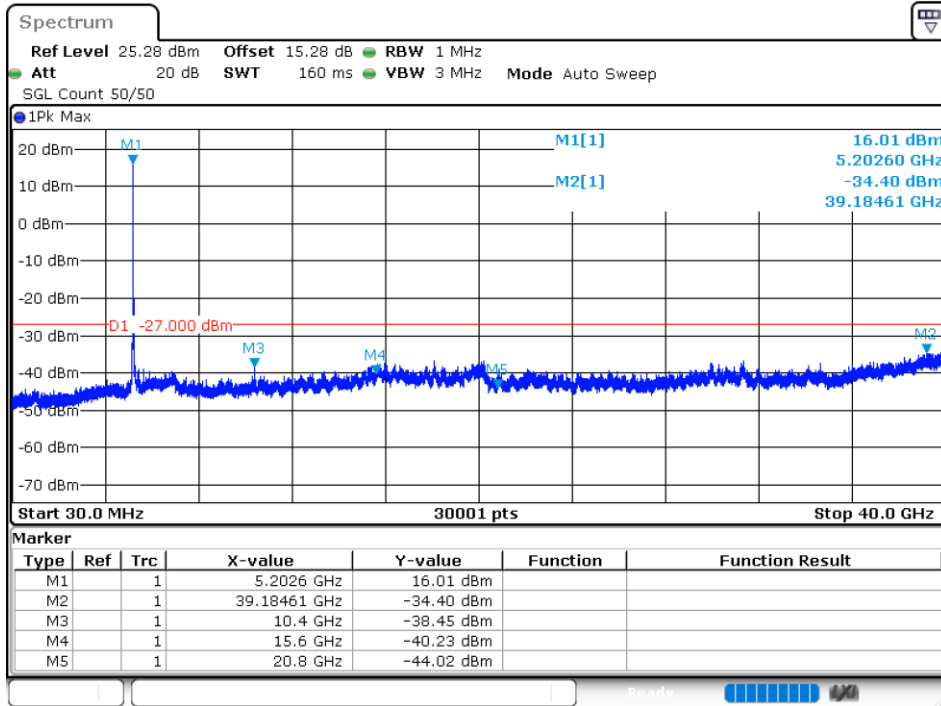
5.2G:

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT | 802.11a | 5180 | Ant 1 | -33.74 | -27 | Pass |
| NVNT | 802.11a | 5200 | Ant 1 | -34.4 | -27 | Pass |
| NVNT | 802.11a | 5240 | Ant 1 | -34.7 | -27 | Pass |
| NVNT | 802.11a | 5180 | Ant 2 | -33.87 | -27 | Pass |
| NVNT | 802.11a | 5200 | Ant 2 | -33.7 | -27 | Pass |
| NVNT | 802.11a | 5240 | Ant 2 | -31.25 | -27 | Pass |
| NVNT | 802.11ac20 | 5180 | Ant 1 | -33.56 | -27 | Pass |
| NVNT | 802.11ac20 | 5200 | Ant 1 | -34.27 | -27 | Pass |
| NVNT | 802.11ac20 | 5240 | Ant 1 | -34.1 | -27 | Pass |
| NVNT | 802.11ac20 | 5180 | Ant 2 | -34.45 | -27 | Pass |
| NVNT | 802.11ac20 | 5200 | Ant 2 | -34.23 | -27 | Pass |
| NVNT | 802.11ac20 | 5240 | Ant 2 | -32.02 | -27 | Pass |
| NVNT | 802.11ac40 | 5190 | Ant 1 | -33.83 | -27 | Pass |
| NVNT | 802.11ac40 | 5230 | Ant 1 | -34.54 | -27 | Pass |
| NVNT | 802.11ac40 | 5190 | Ant 2 | -34.49 | -27 | Pass |
| NVNT | 802.11ac40 | 5230 | Ant 2 | -34.23 | -27 | Pass |
| NVNT | 802.11ac80 | 5210 | Ant 1 | -34.9 | -27 | Pass |
| NVNT | 802.11ac80 | 5210 | Ant 2 | -33.62 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5180 | Ant 1 | -33.51 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5200 | Ant 1 | -34.14 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5240 | Ant 1 | -33.62 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5180 | Ant 2 | -34.46 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5200 | Ant 2 | -34.39 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5240 | Ant 2 | -29.82 | -27 | Pass |
| NVNT | 802.11n(HT40) | 5190 | Ant 1 | -34.96 | -27 | Pass |
| NVNT | 802.11n(HT40) | 5230 | Ant 1 | -34.41 | -27 | Pass |
| NVNT | 802.11n(HT40) | 5190 | Ant 2 | -35.04 | -27 | Pass |
| NVNT | 802.11n(HT40) | 5230 | Ant 2 | -33.5 | -27 | Pass |

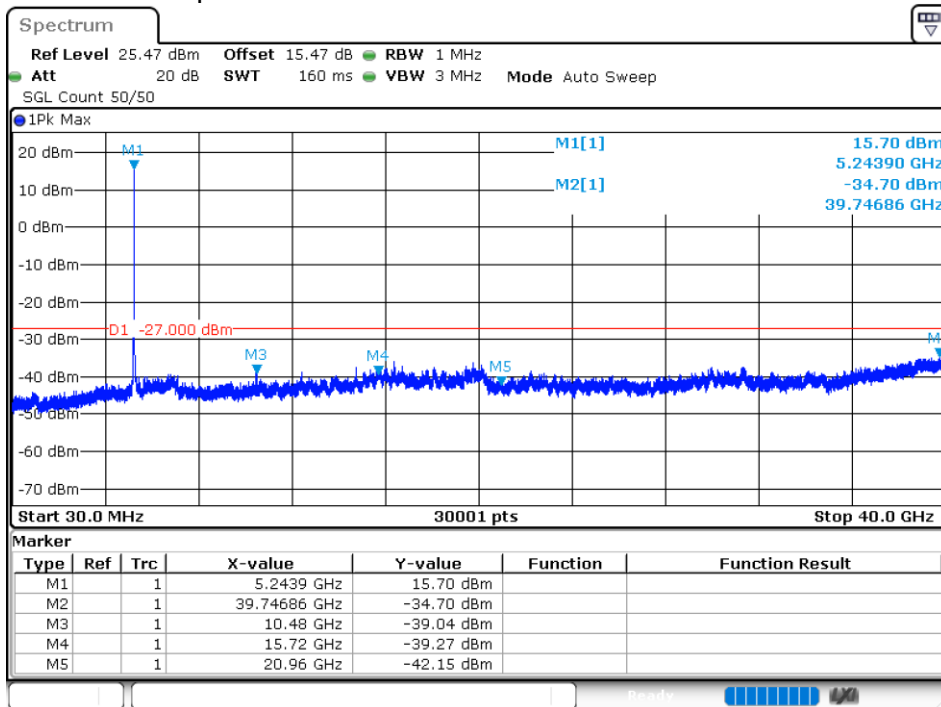
Tx. Spurious NVNT 802.11a 5180MHz Ant 1 Emission



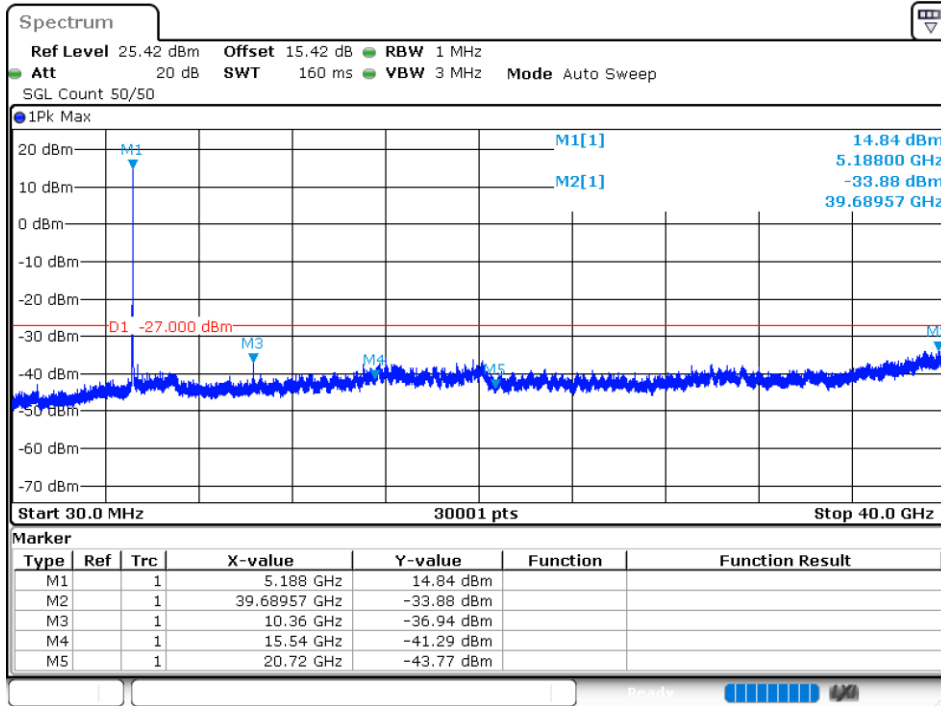
Tx. Spurious NVNT 802.11a 5200MHz Ant 1 Emission



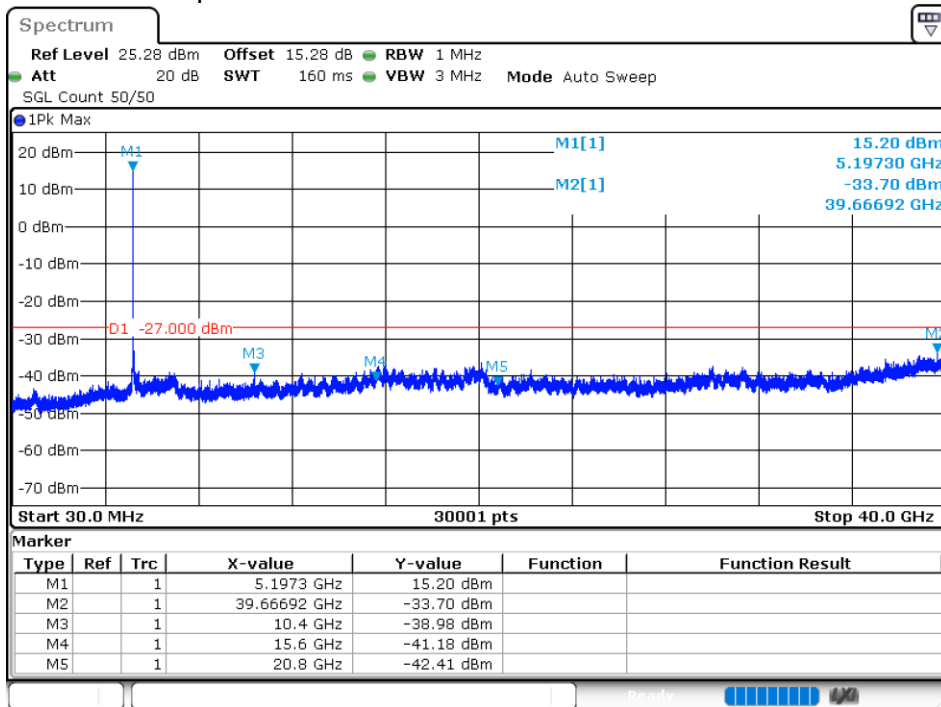
Tx. Spurious NVNT 802.11a 5240MHz Ant 1 Emission



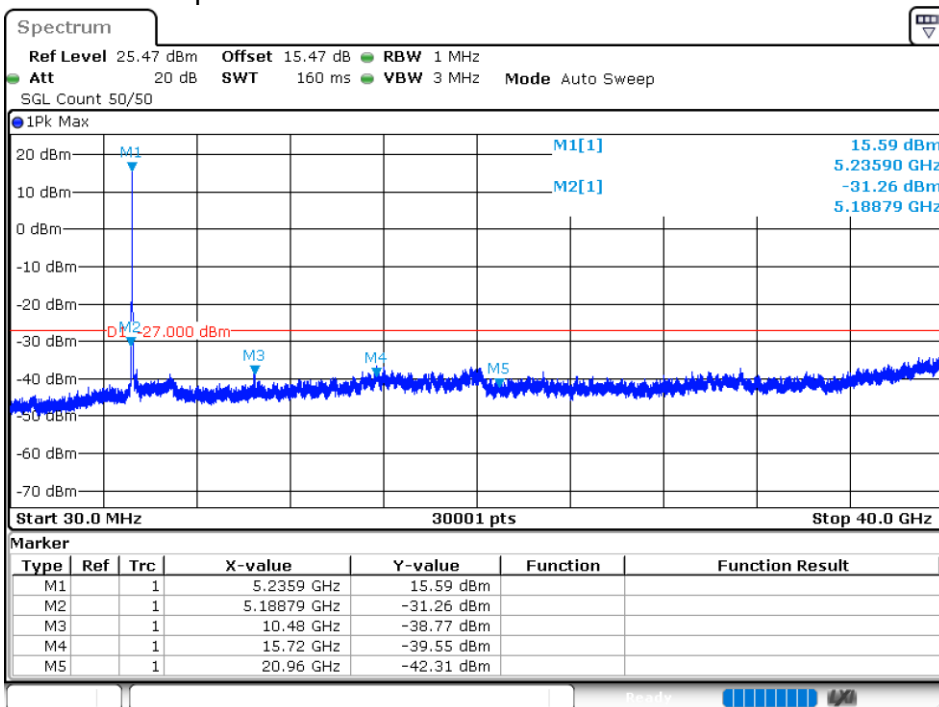
Tx. Spurious NVNT 802.11a 5180MHz Ant 2 Emission



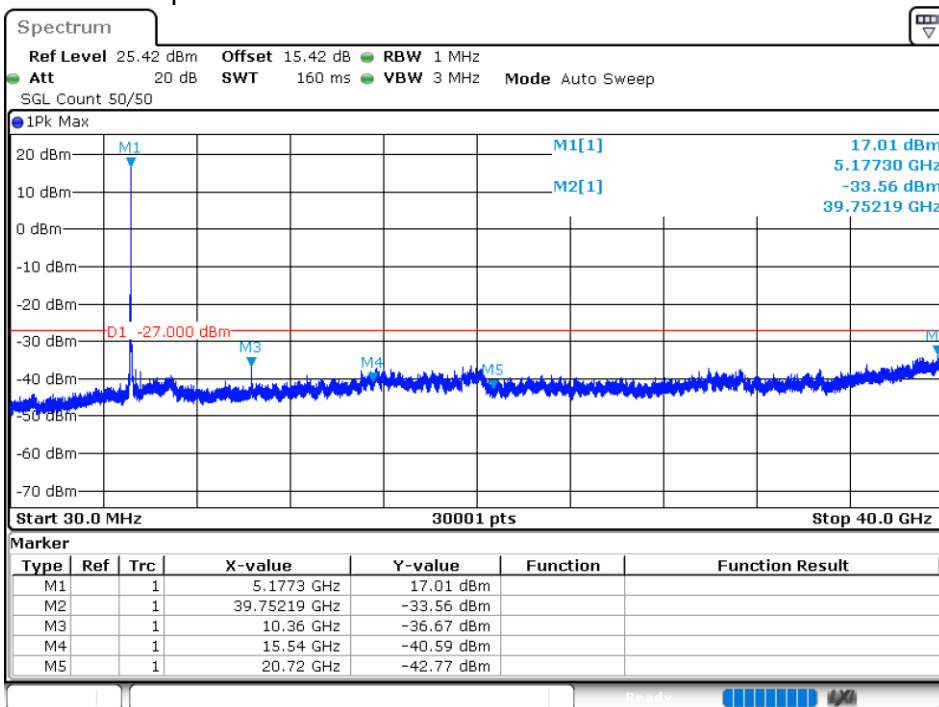
Tx. Spurious NVNT 802.11a 5200MHz Ant 2 Emission



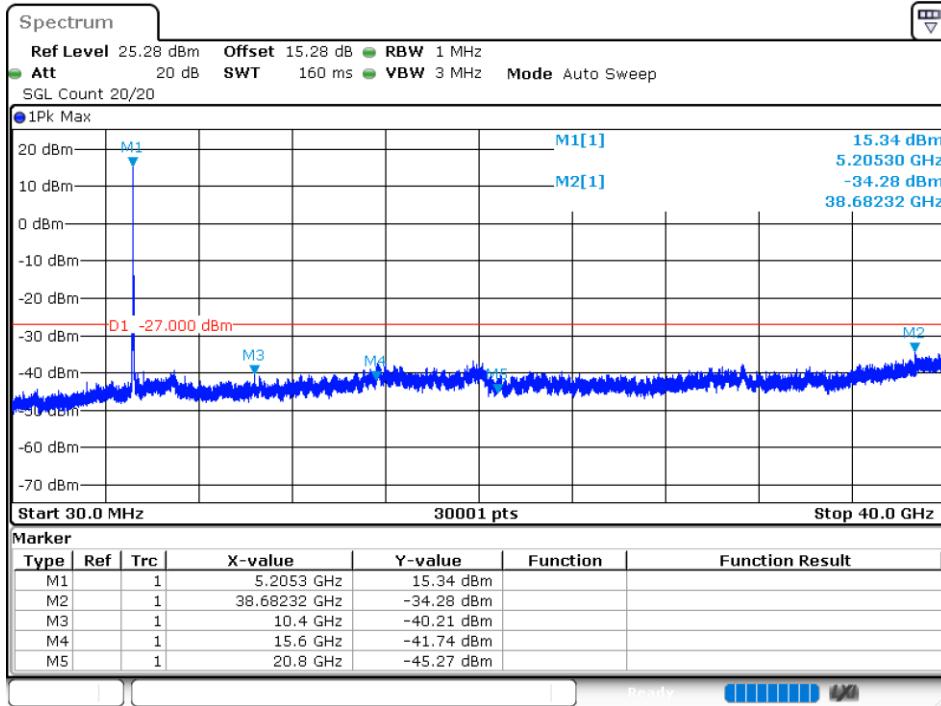
Tx. Spurious NVNT 802.11a 5240MHz Ant 2 Emission



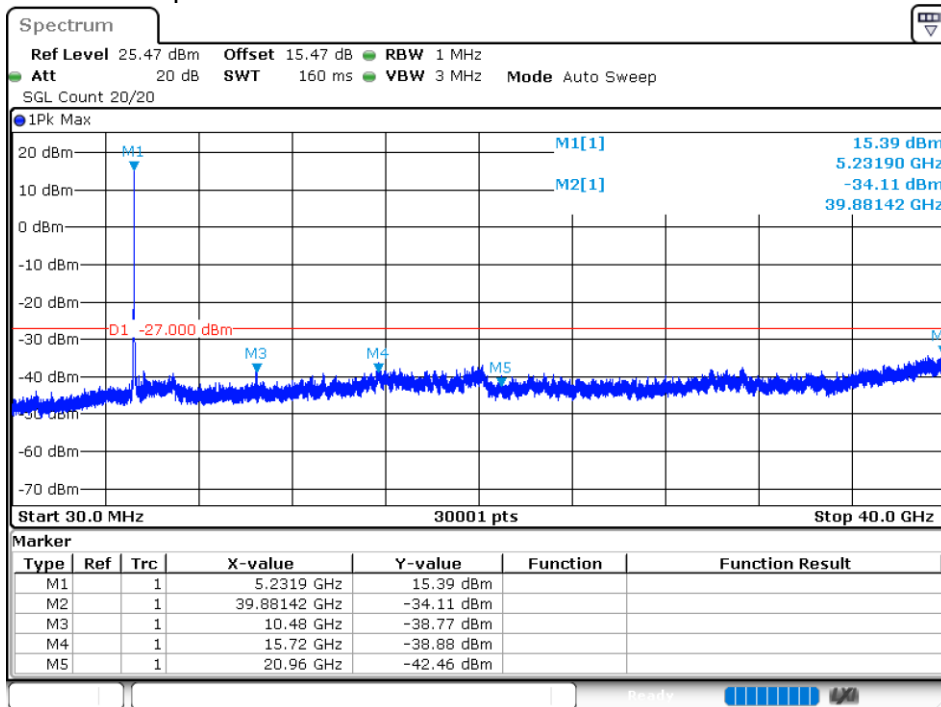
Tx. Spurious NVNT 802.11ac20 5180MHz Ant 1 Emission



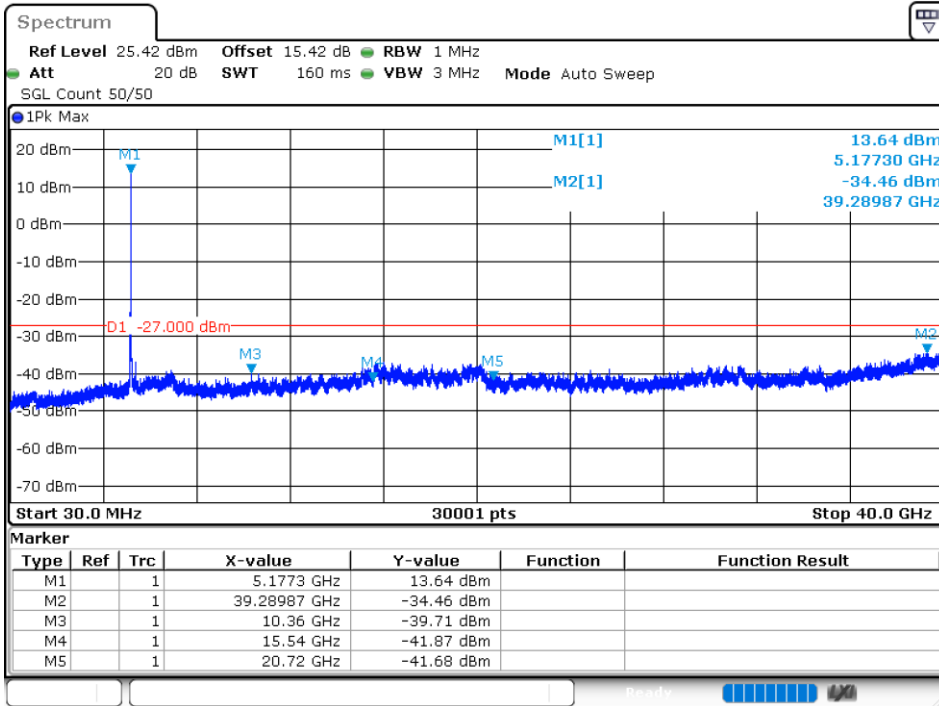
Tx. Spurious NVNT 802.11ac20 5200MHz Ant 1 Emission



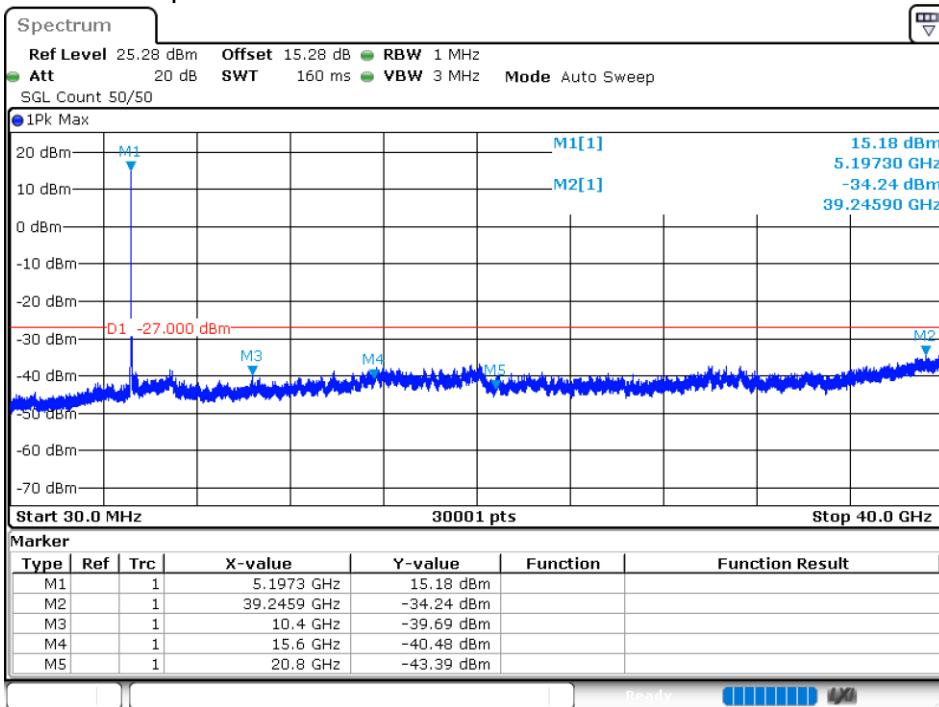
Tx. Spurious NVNT 802.11ac20 5240MHz Ant 1 Emission



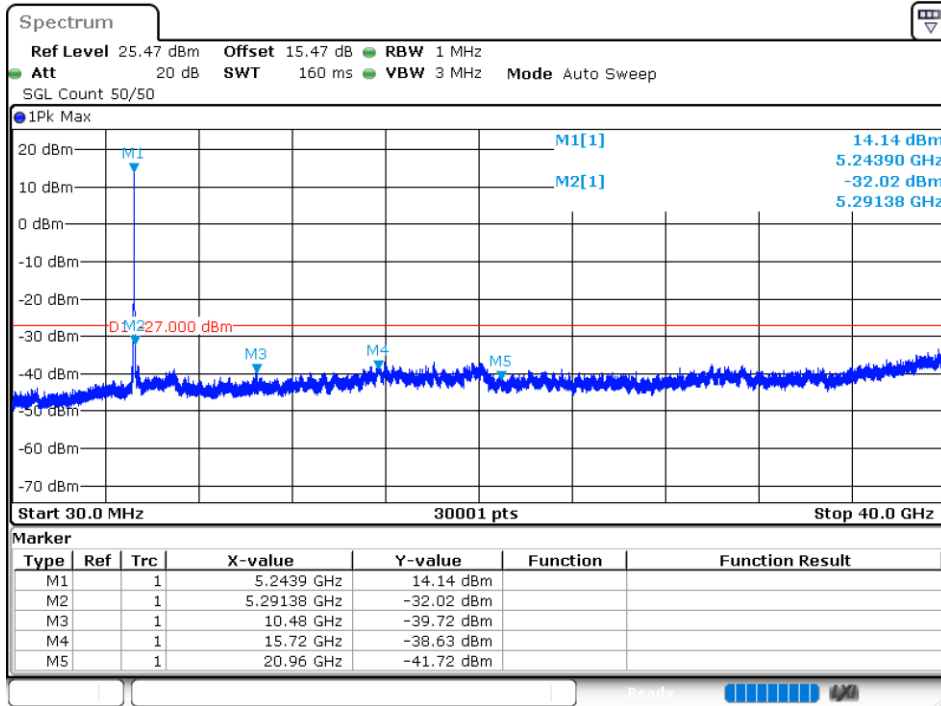
Tx. Spurious NVNT 802.11ac20 5180MHz Ant 2 Emission



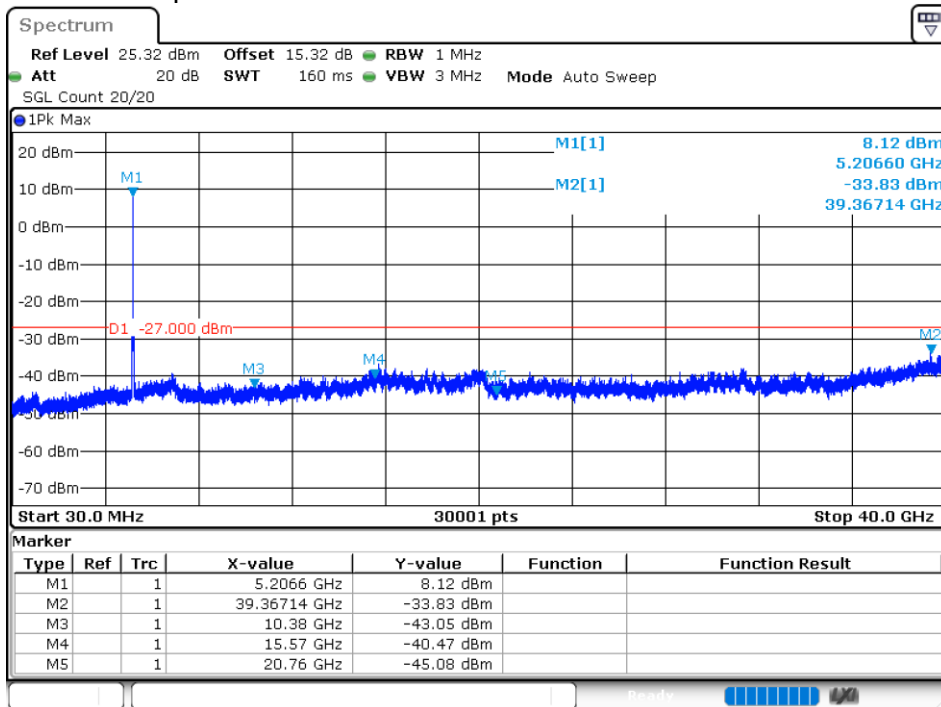
Tx. Spurious NVNT 802.11ac20 5200MHz Ant 2 Emission



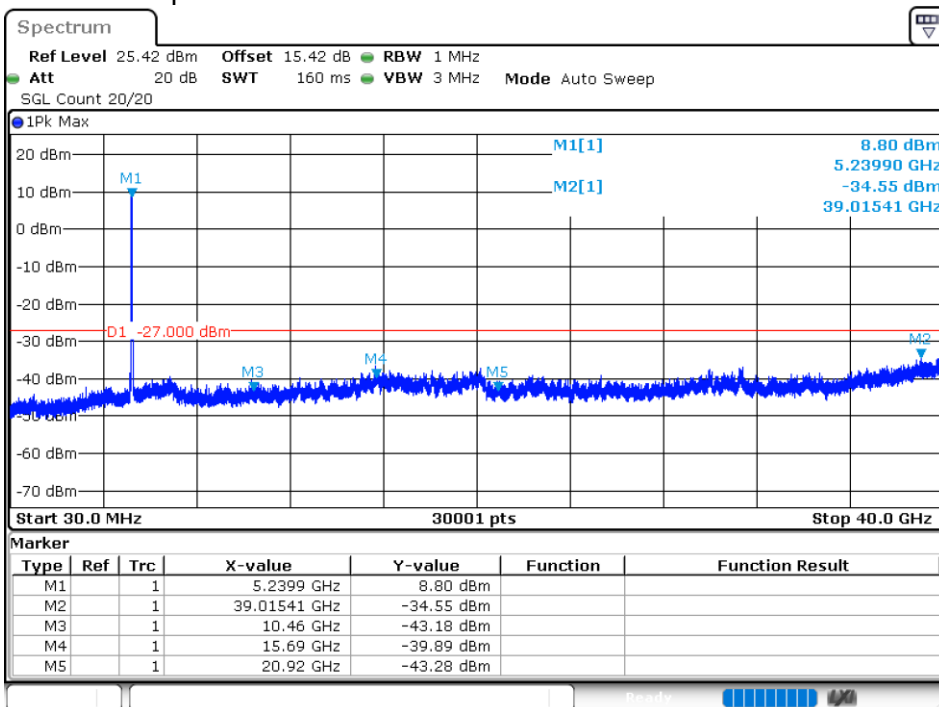
Tx. Spurious NVNT 802.11ac20 5240MHz Ant 2 Emission



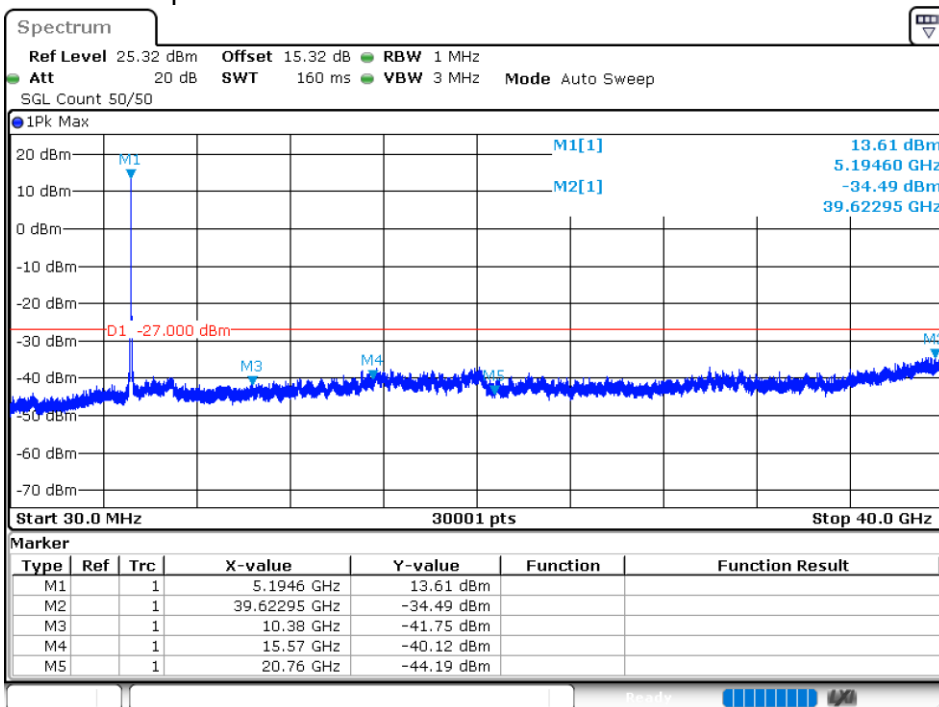
Tx. Spurious NVNT 802.11ac40 5190MHz Ant 1 Emission



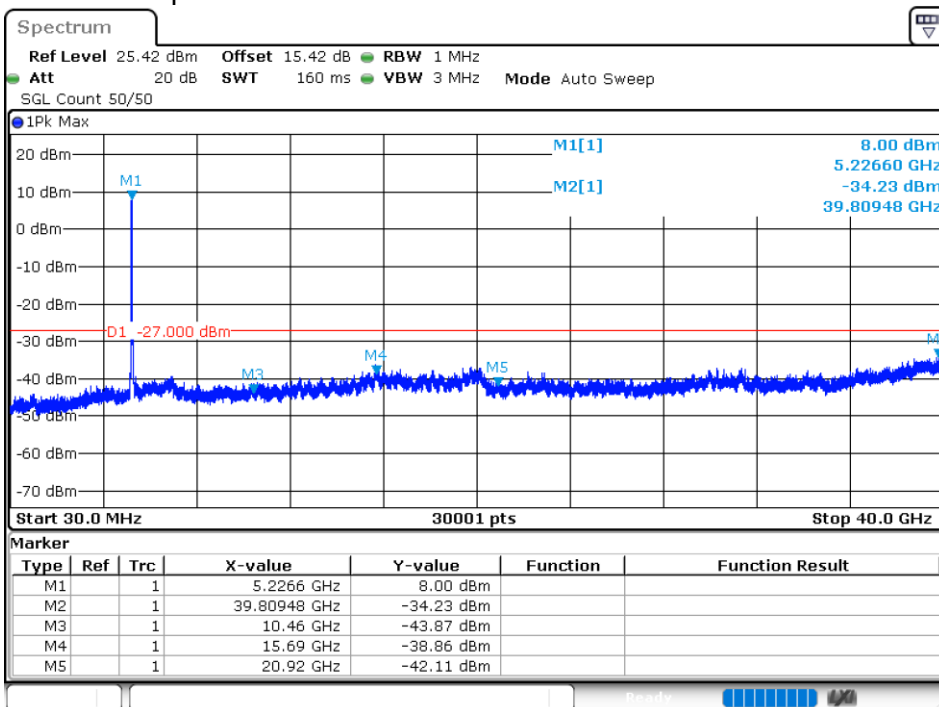
Tx. Spurious NVNT 802.11ac40 5230MHz Ant 1 Emission



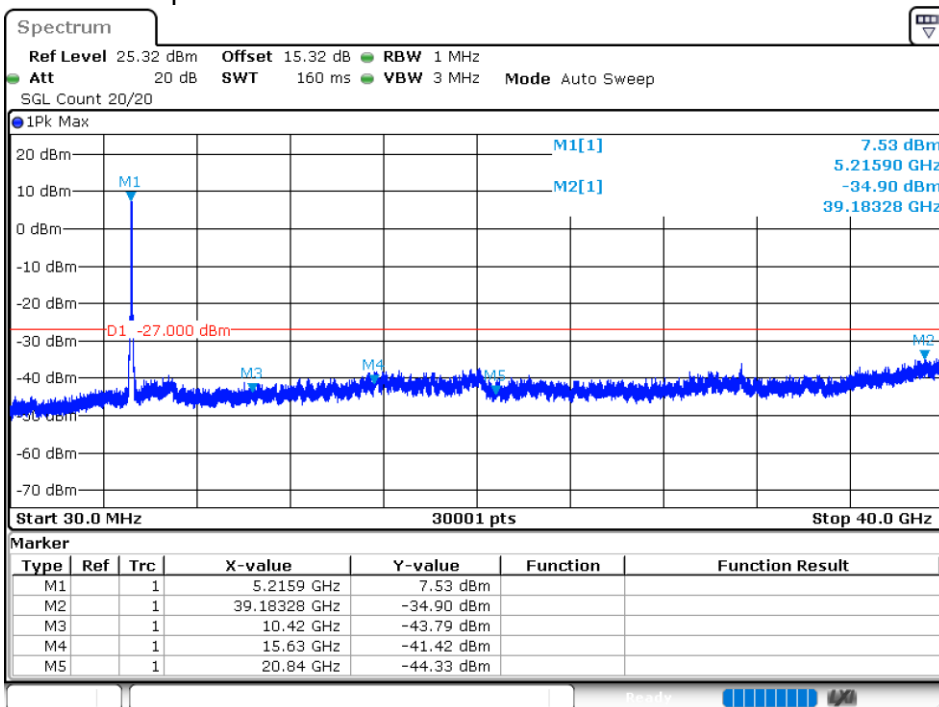
Tx. Spurious NVNT 802.11ac40 5190MHz Ant 2 Emission



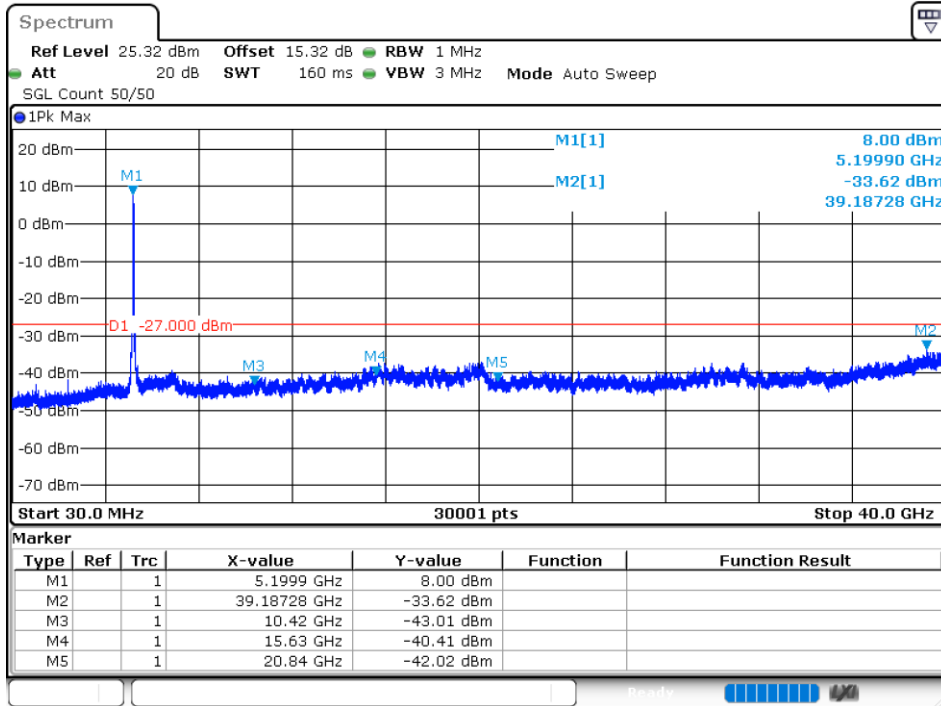
Tx. Spurious NVNT 802.11ac40 5230MHz Ant 2 Emission



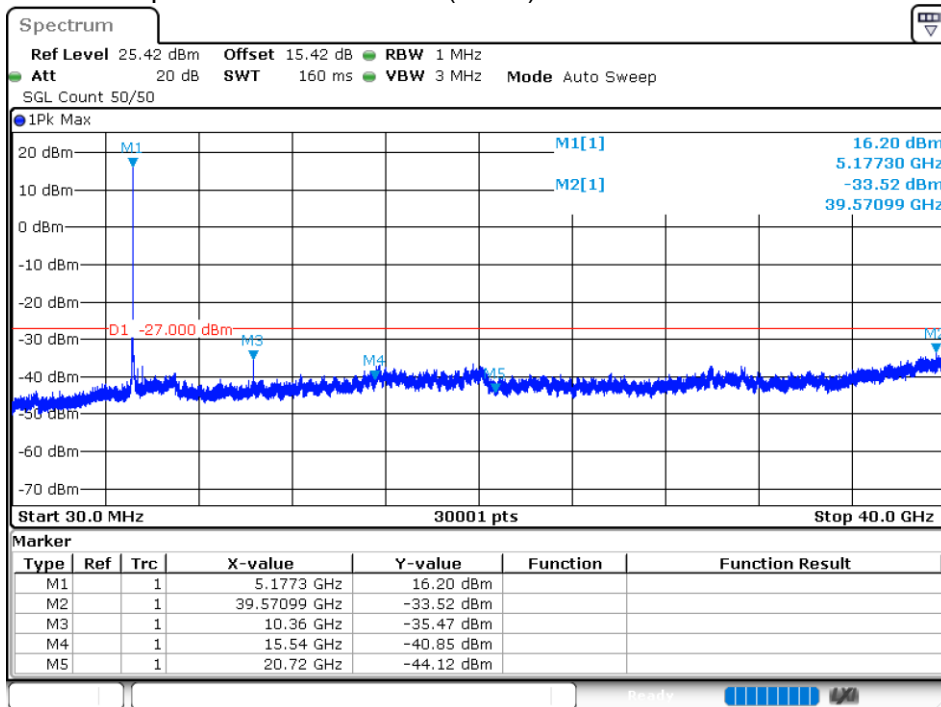
Tx. Spurious NVNT 802.11ac80 5210MHz Ant 1 Emission



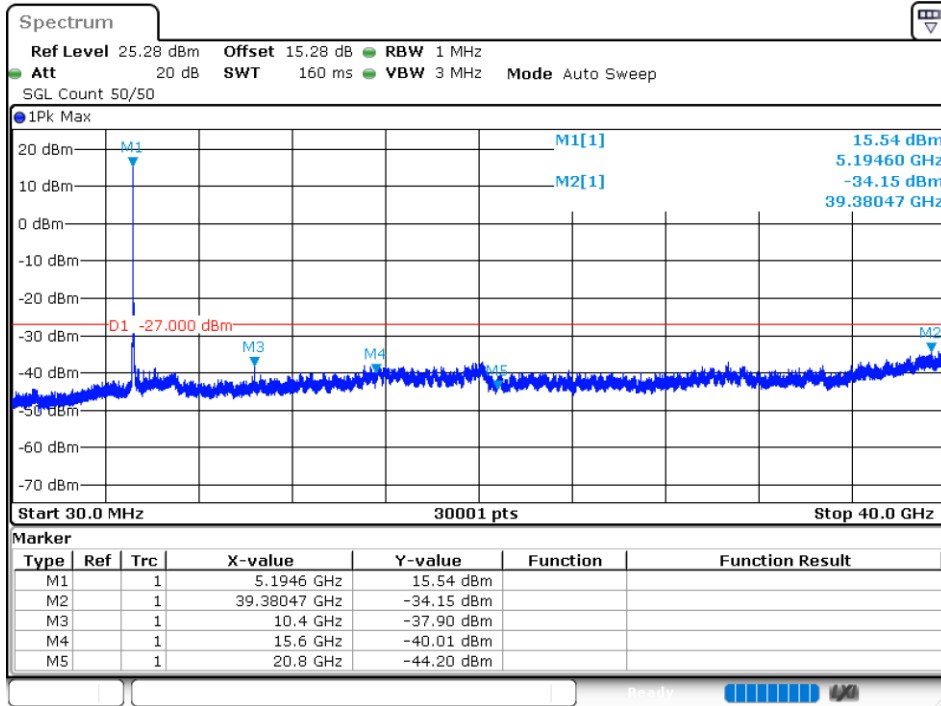
Tx. Spurious NVNT 802.11ac80 5210MHz Ant 2 Emission



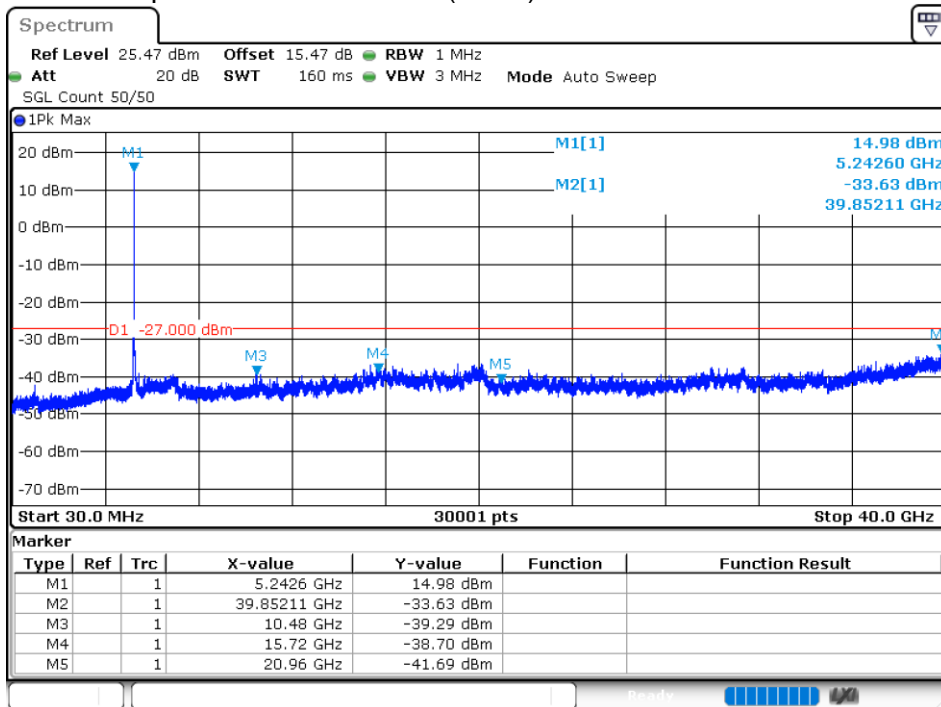
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant 1 Emission



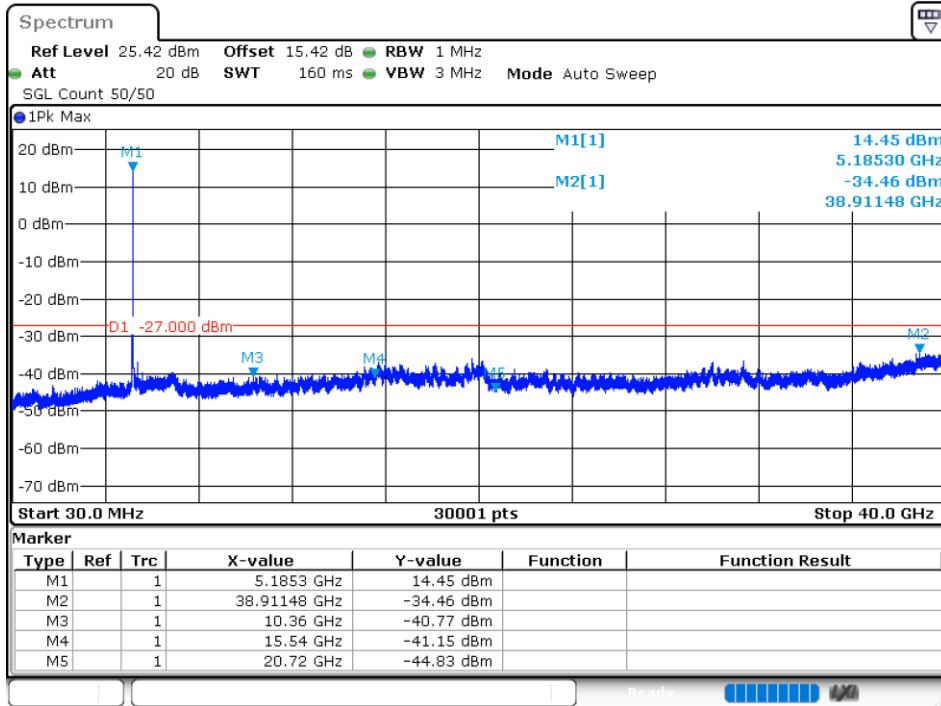
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant 1 Emission



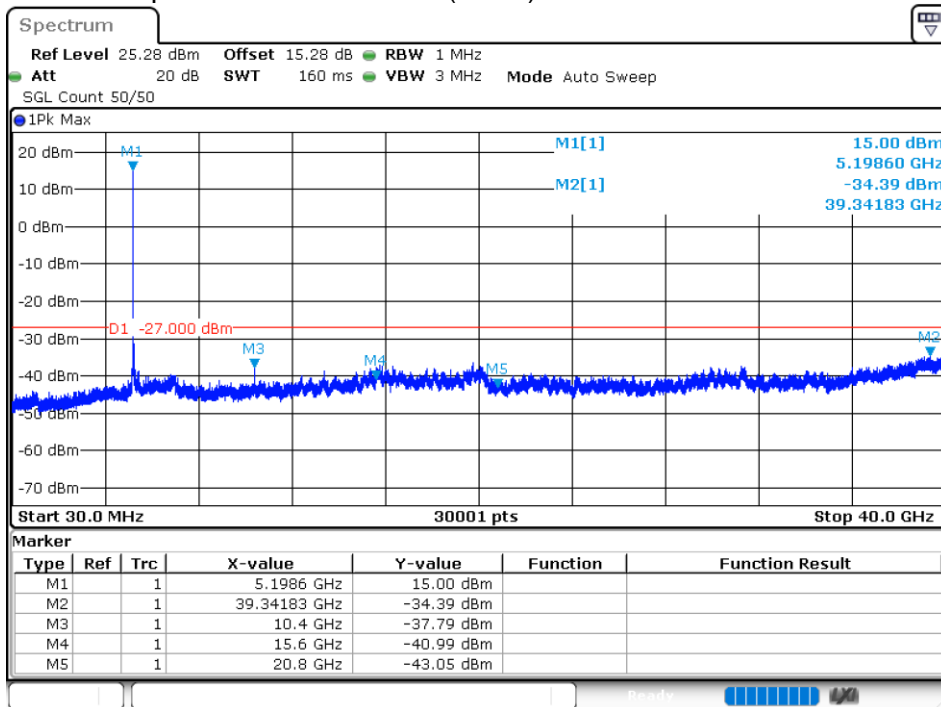
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant 1 Emission



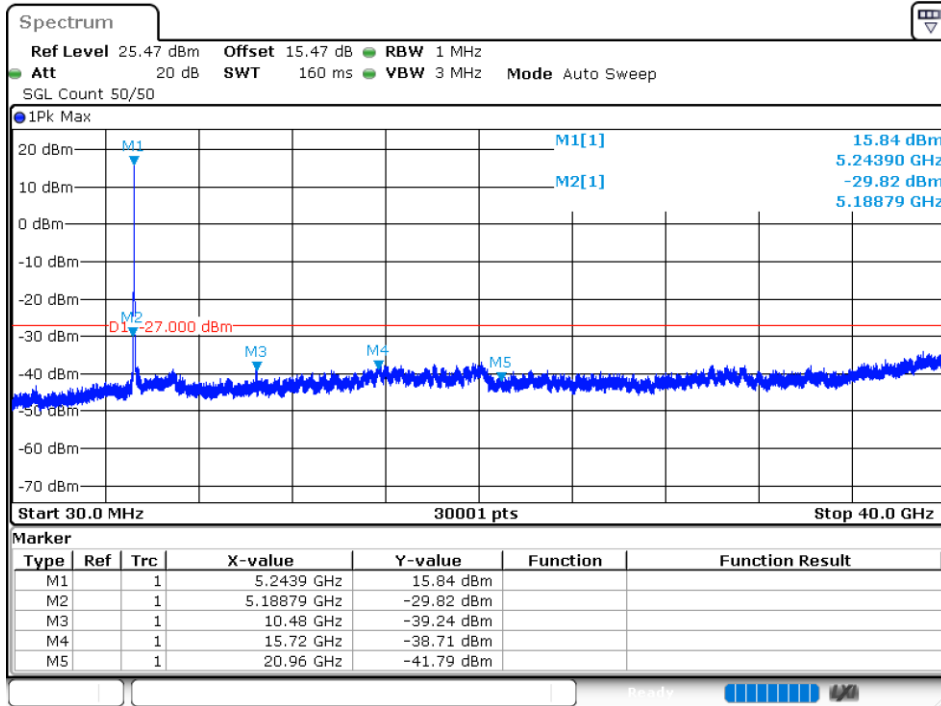
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant 2 Emission



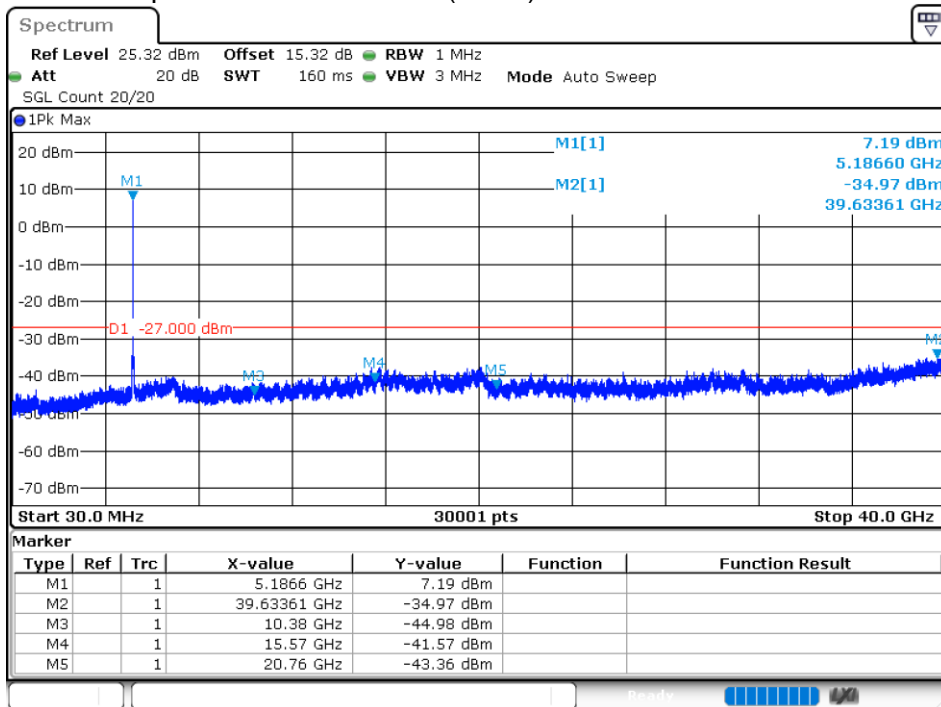
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant 2 Emission



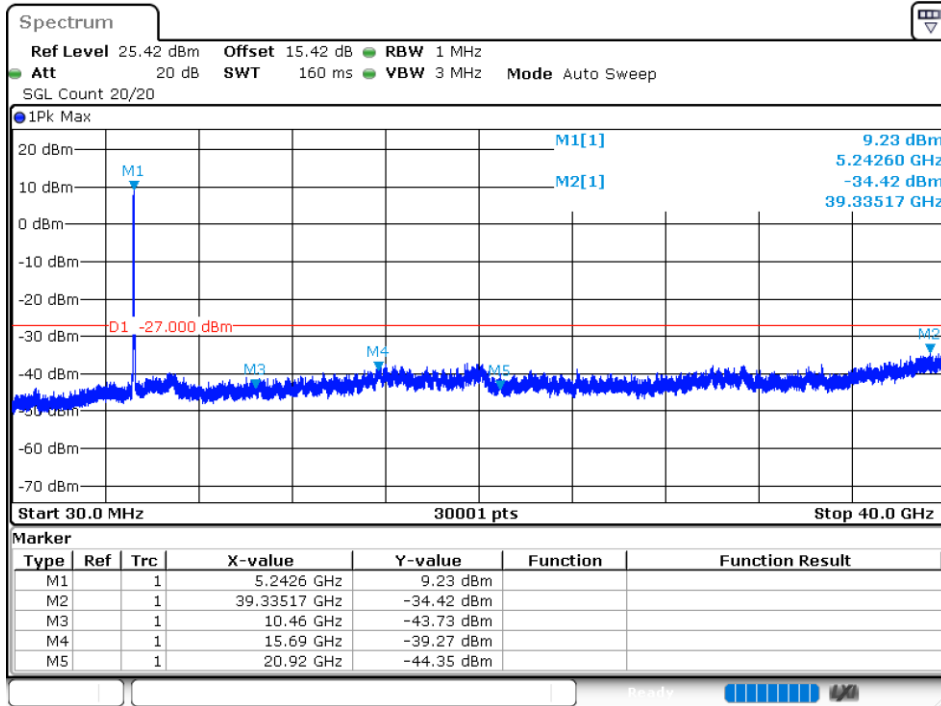
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant 2 Emission



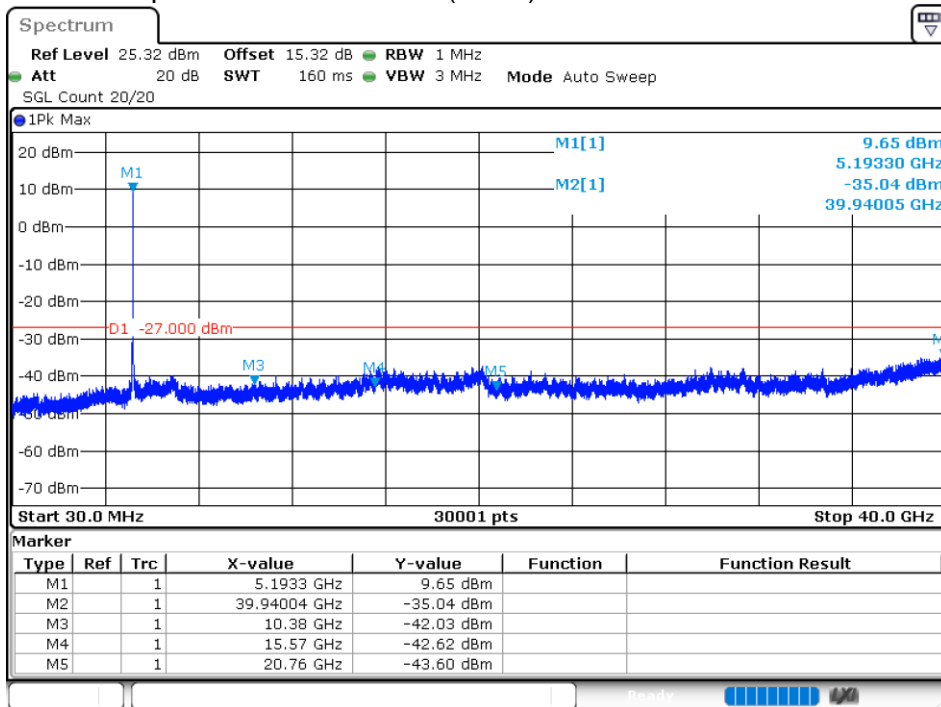
Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant 1 Emission



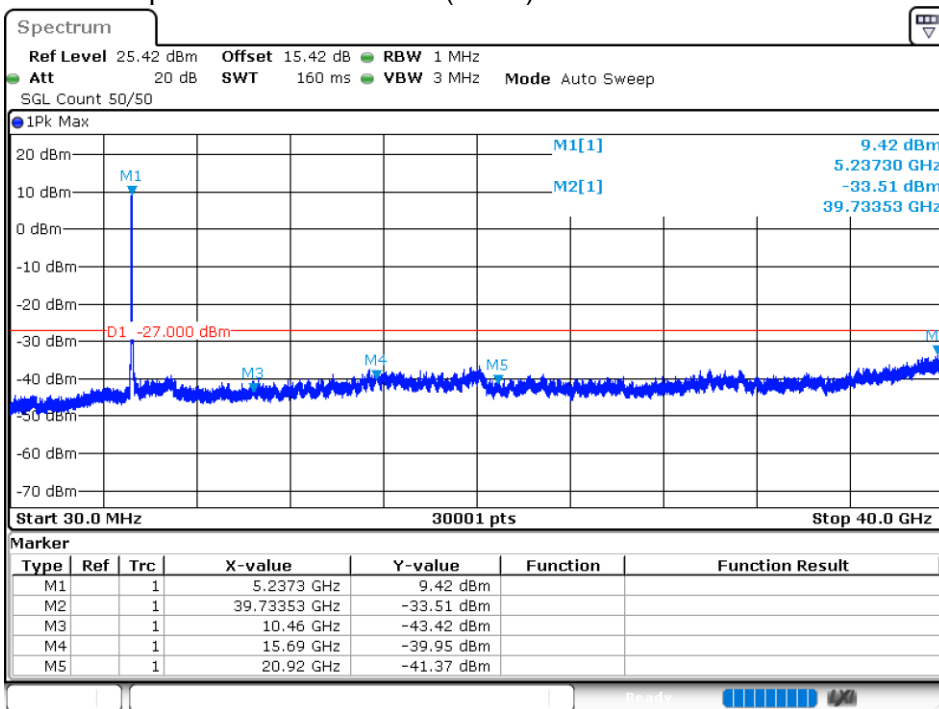
Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant 2 Emission



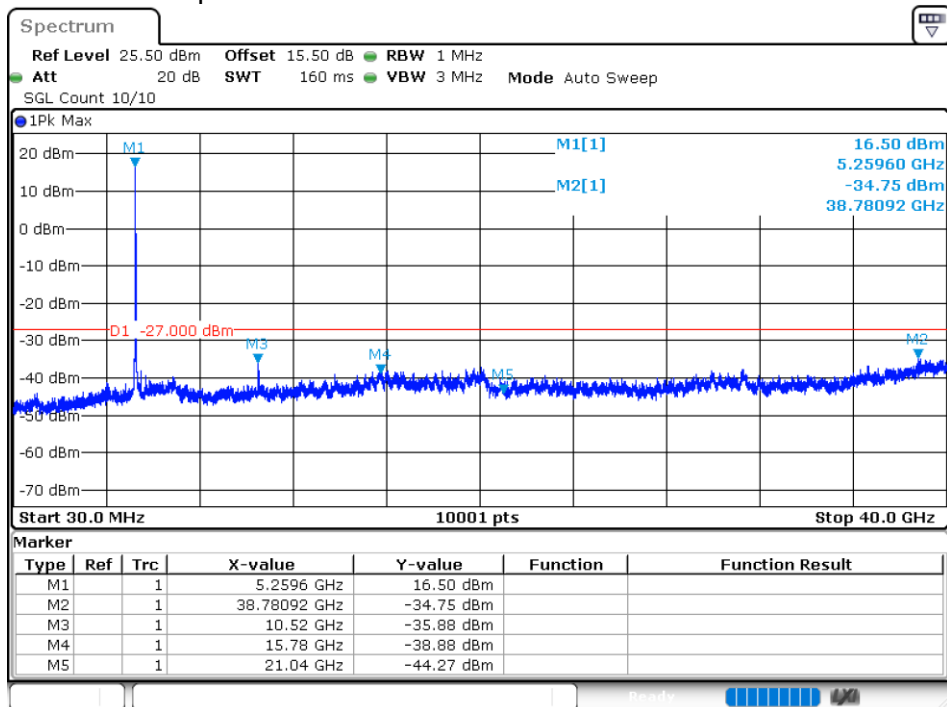
Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant 2 Emission



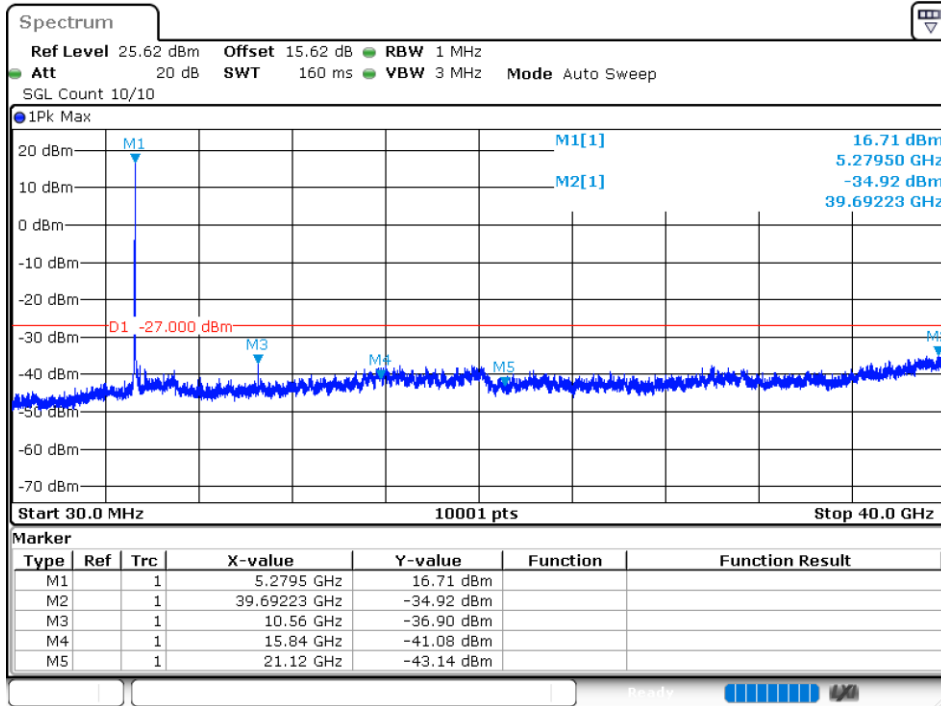
5.3G:

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------------|-----------------|---------|-----------------|-------------|---------|
| NVNT | 802.11a | 5260 | Ant 1 | -34.75 | -27 | Pass |
| NVNT | 802.11a | 5280 | Ant 1 | -34.92 | -27 | Pass |
| NVNT | 802.11a | 5320 | Ant 1 | -34.6 | -27 | Pass |
| NVNT | 802.11a | 5260 | Ant 2 | -34.64 | -27 | Pass |
| NVNT | 802.11a | 5280 | Ant 2 | -35.02 | -27 | Pass |
| NVNT | 802.11a | 5320 | Ant 2 | -34.69 | -27 | Pass |
| NVNT | 802.11ac20 | 5260 | Ant 1 | -34.01 | -27 | Pass |
| NVNT | 802.11ac20 | 5280 | Ant 1 | -34.57 | -27 | Pass |
| NVNT | 802.11ac20 | 5320 | Ant 1 | -34.97 | -27 | Pass |
| NVNT | 802.11ac20 | 5260 | Ant 2 | -34.8 | -27 | Pass |
| NVNT | 802.11ac20 | 5280 | Ant 2 | -34.4 | -27 | Pass |
| NVNT | 802.11ac20 | 5320 | Ant 2 | -35.4 | -27 | Pass |
| NVNT | 802.11ac40 | 5270 | Ant 1 | -34.01 | -27 | Pass |
| NVNT | 802.11ac40 | 5310 | Ant 1 | -35.08 | -27 | Pass |
| NVNT | 802.11ac40 | 5270 | Ant 2 | -34.46 | -27 | Pass |
| NVNT | 802.11ac40 | 5310 | Ant 2 | -35.38 | -27 | Pass |
| NVNT | 802.11ac80 | 5290 | Ant 1 | -34.84 | -27 | Pass |
| NVNT | 802.11ac80 | 5290 | Ant 2 | -34.91 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5260 | Ant 1 | -34.89 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5280 | Ant 1 | -34.94 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5320 | Ant 1 | -34.61 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5260 | Ant 2 | -35.33 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5280 | Ant 2 | -34.47 | -27 | Pass |
| NVNT | 802.11n(HT20) | 5320 | Ant 2 | -34.51 | -27 | Pass |
| NVNT | 802.11n(HT40) | 5270 | Ant 1 | -34.53 | -27 | Pass |
| NVNT | 802.11n(HT40) | 5310 | Ant 1 | -33.99 | -27 | Pass |
| NVNT | 802.11n(HT40) | 5270 | Ant 2 | -34.61 | -27 | Pass |
| NVNT | 802.11n(HT40) | 5310 | Ant 2 | -34.6 | -27 | Pass |

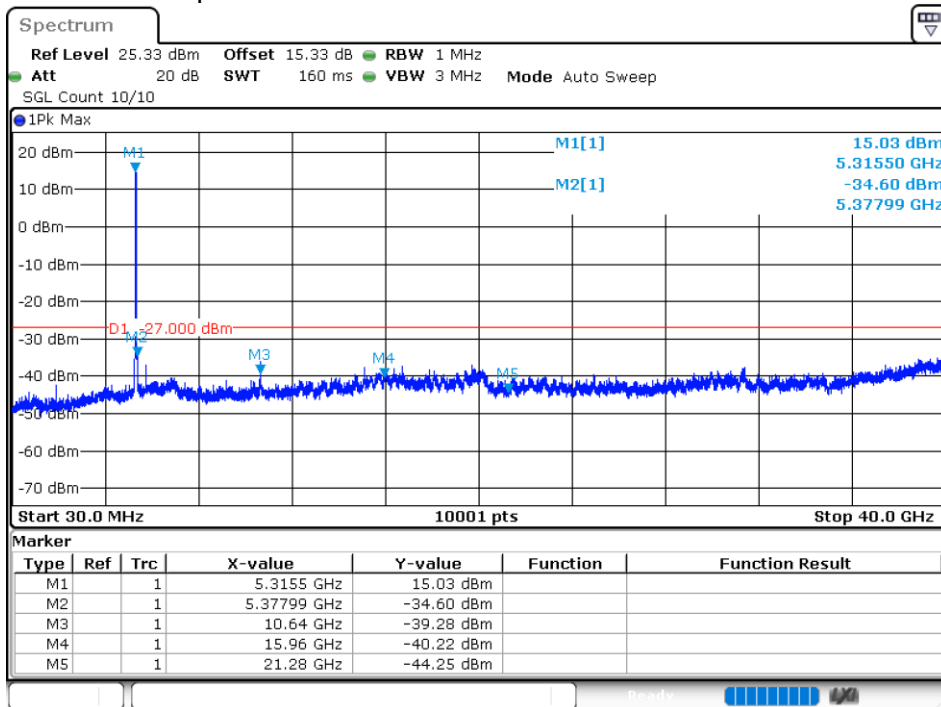
Tx. Spurious NVNT 802.11a 5260MHz Ant 1 Emission



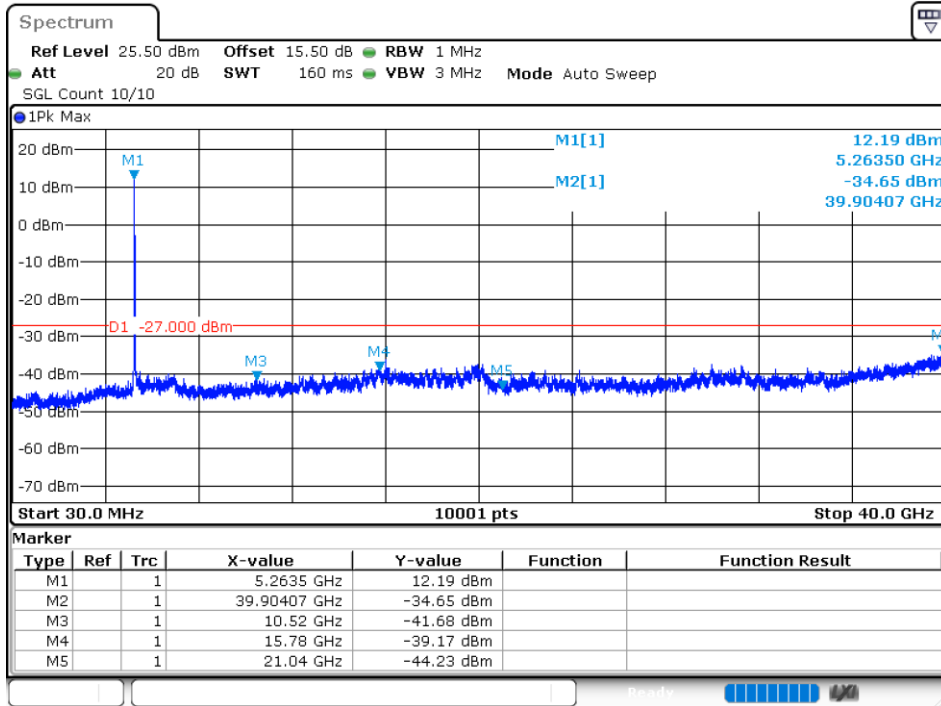
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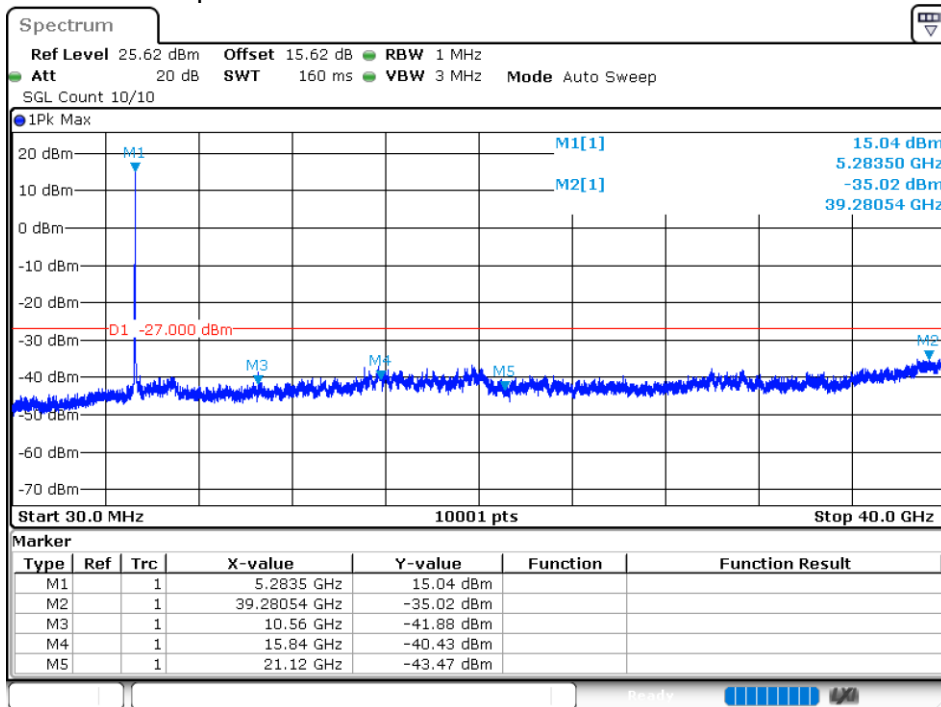
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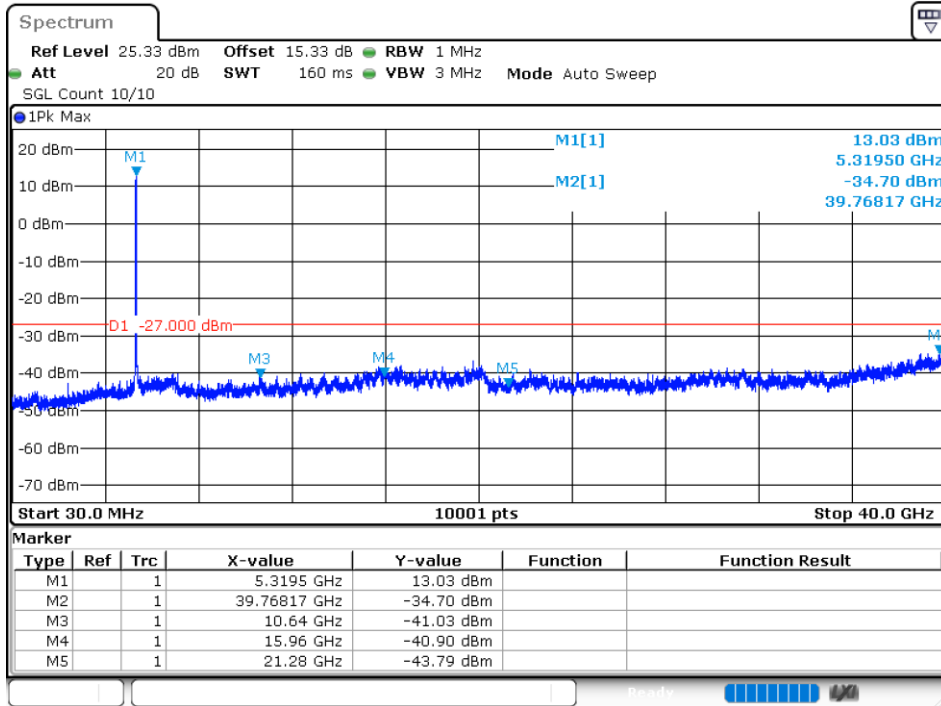
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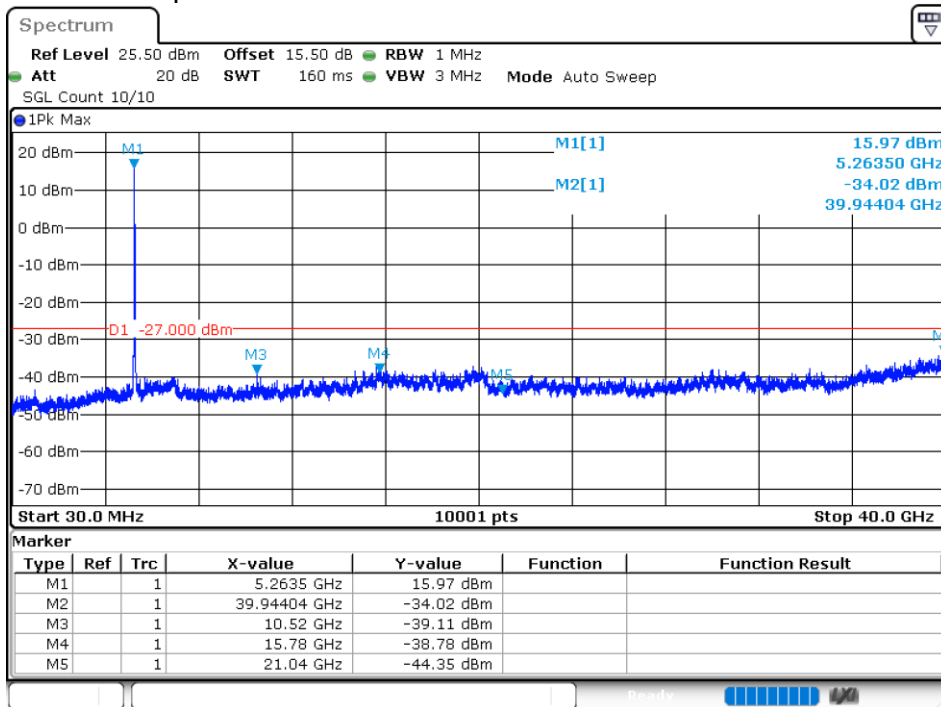
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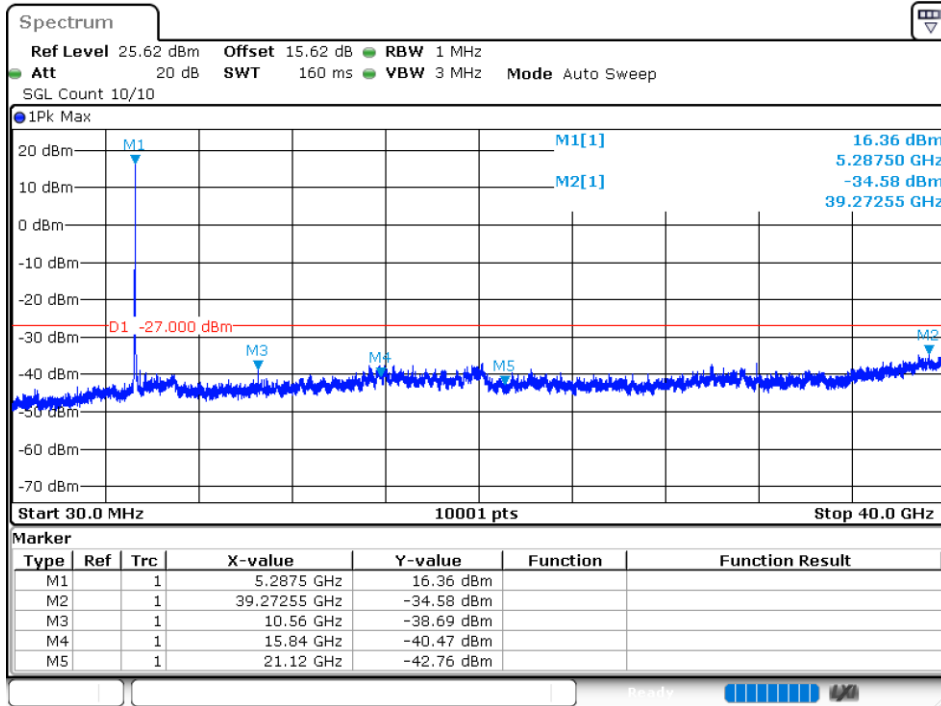
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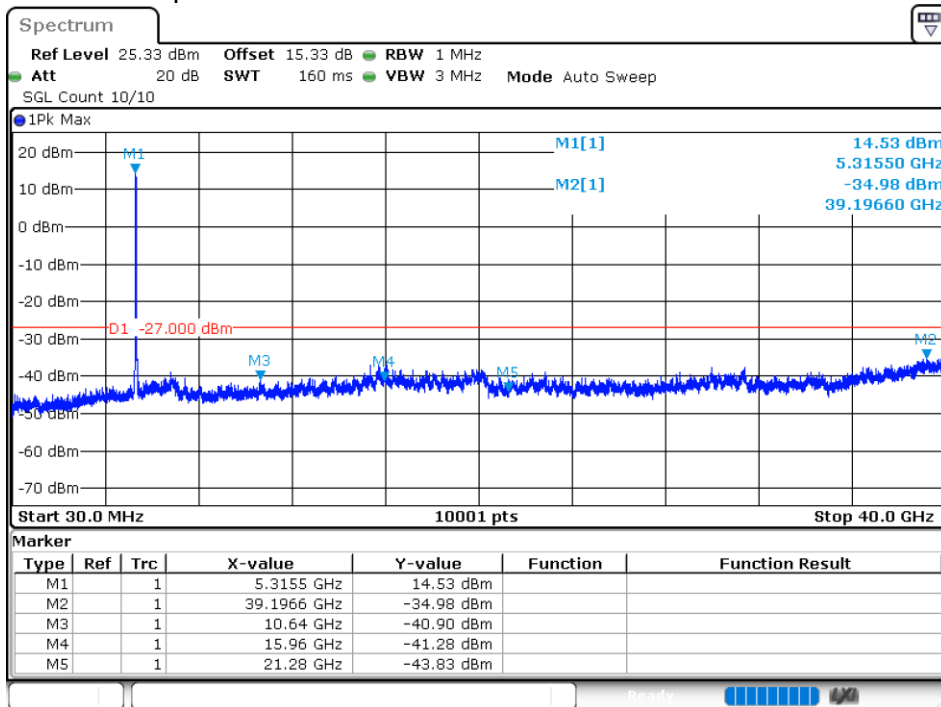
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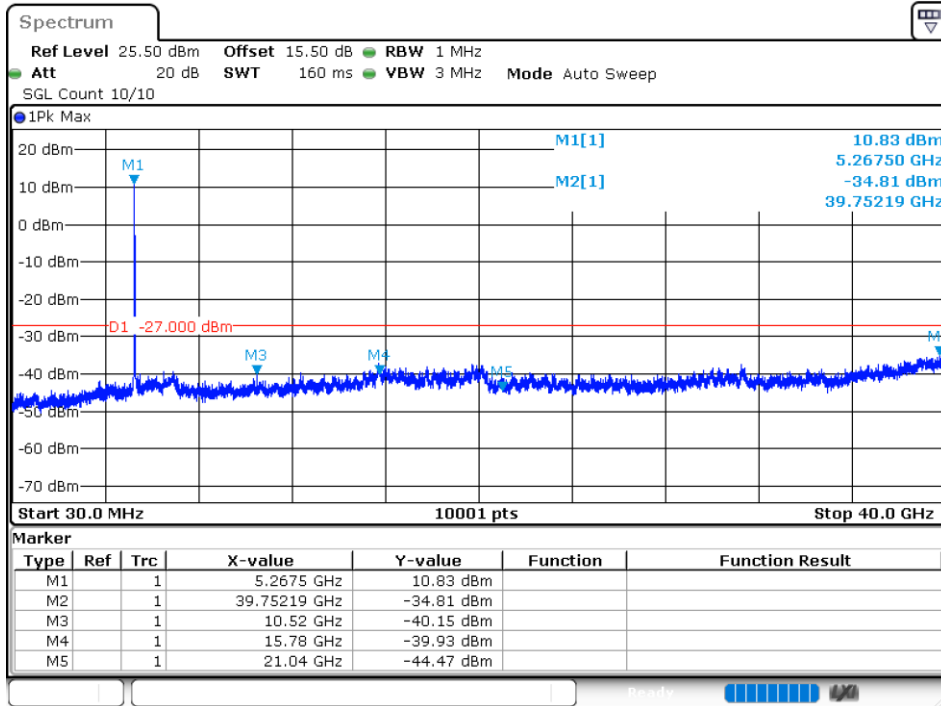
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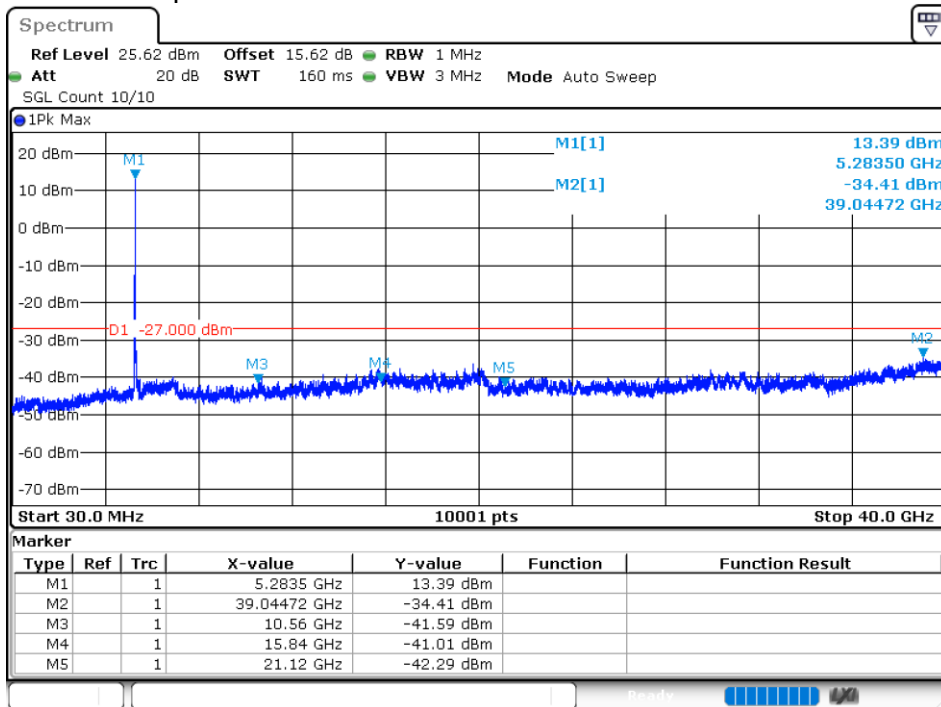
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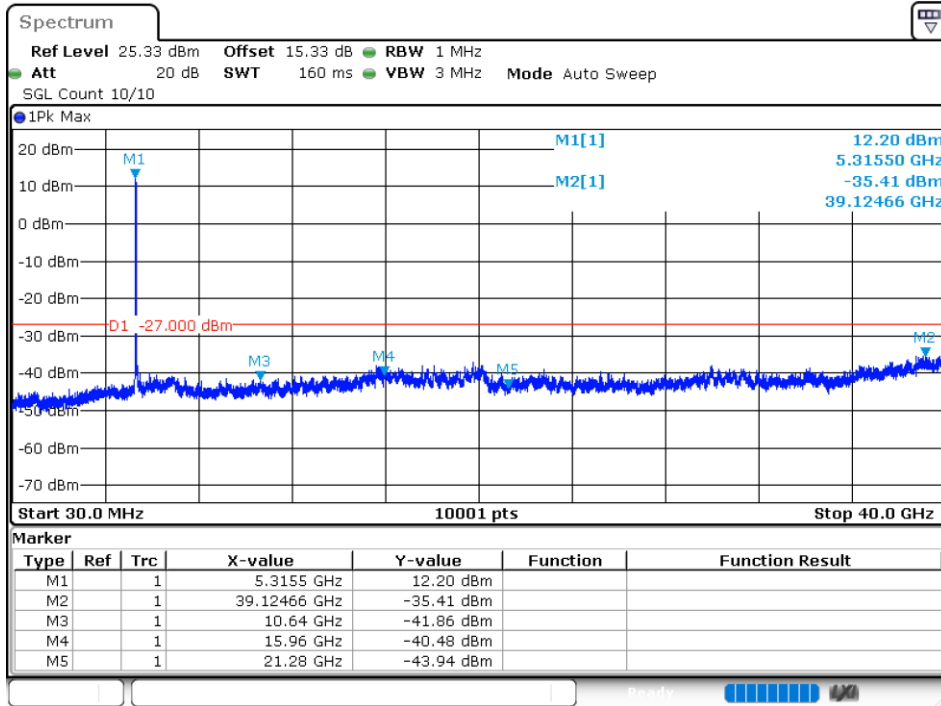
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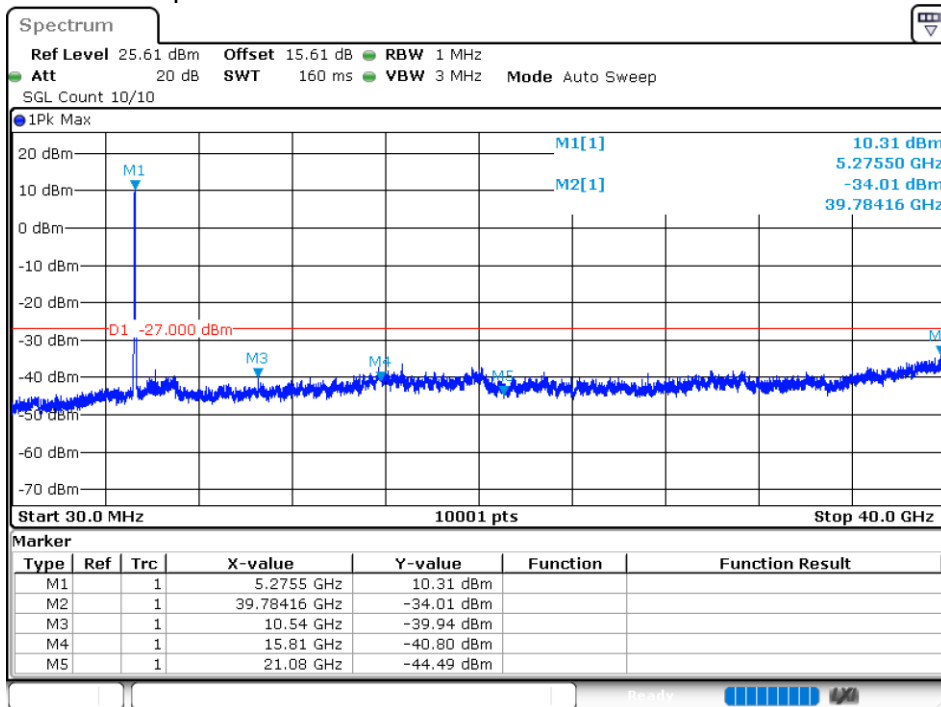
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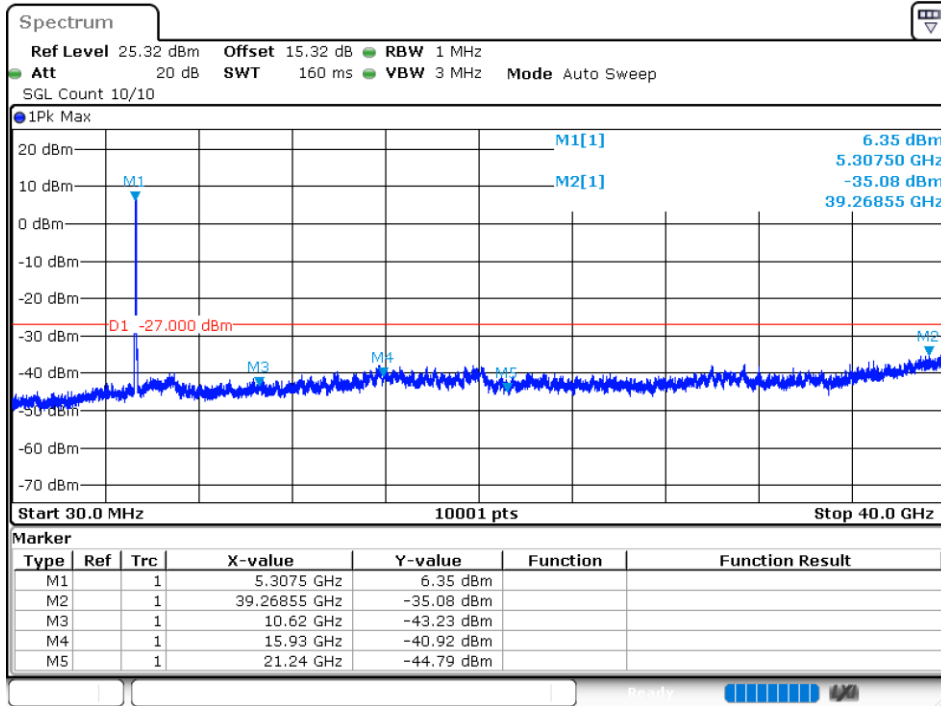
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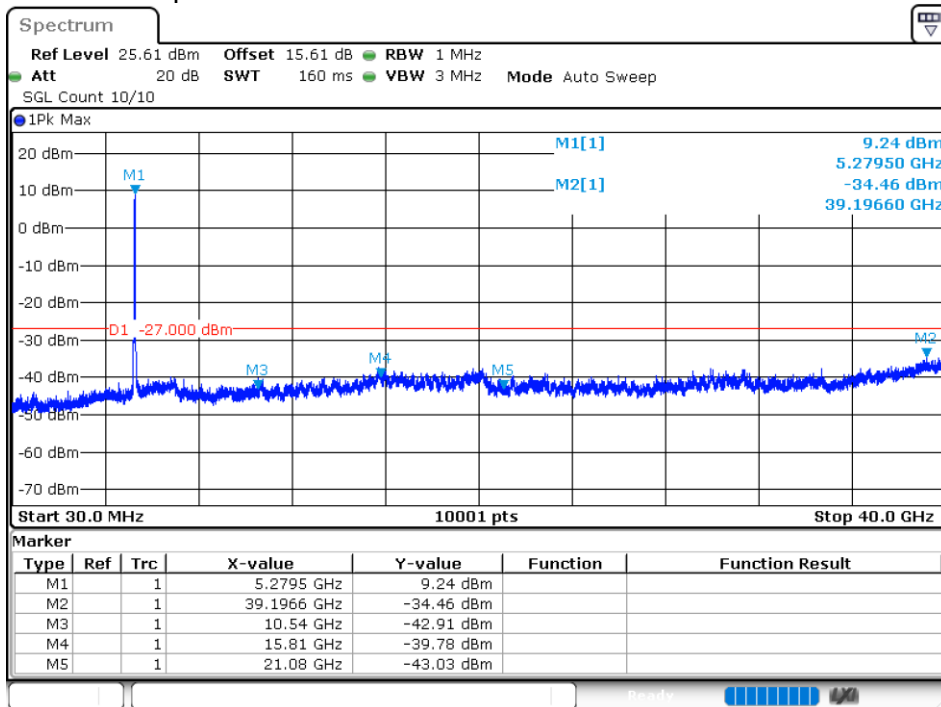
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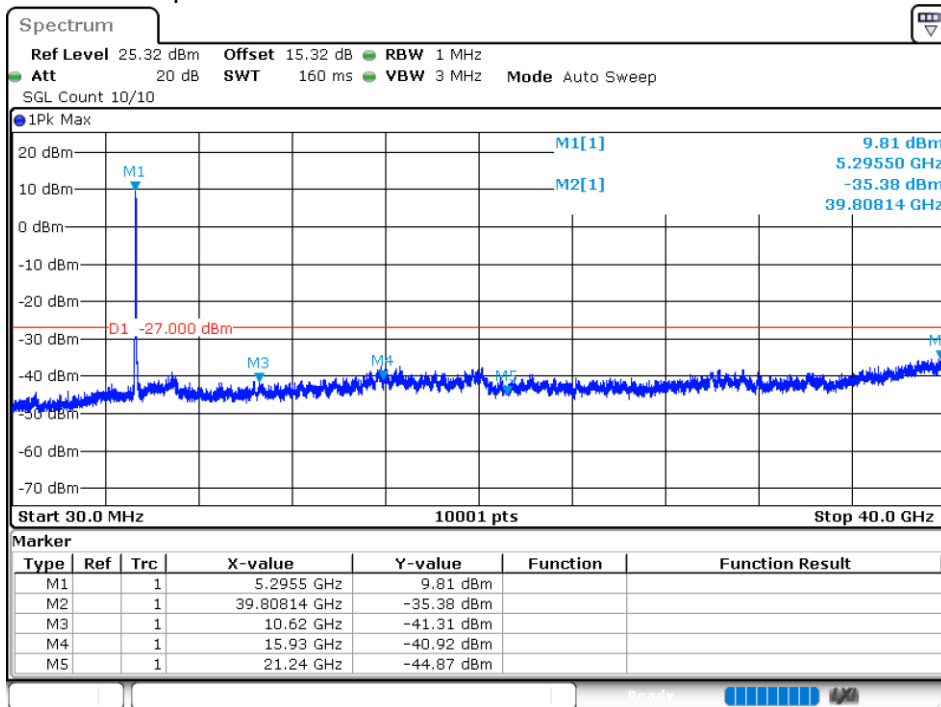
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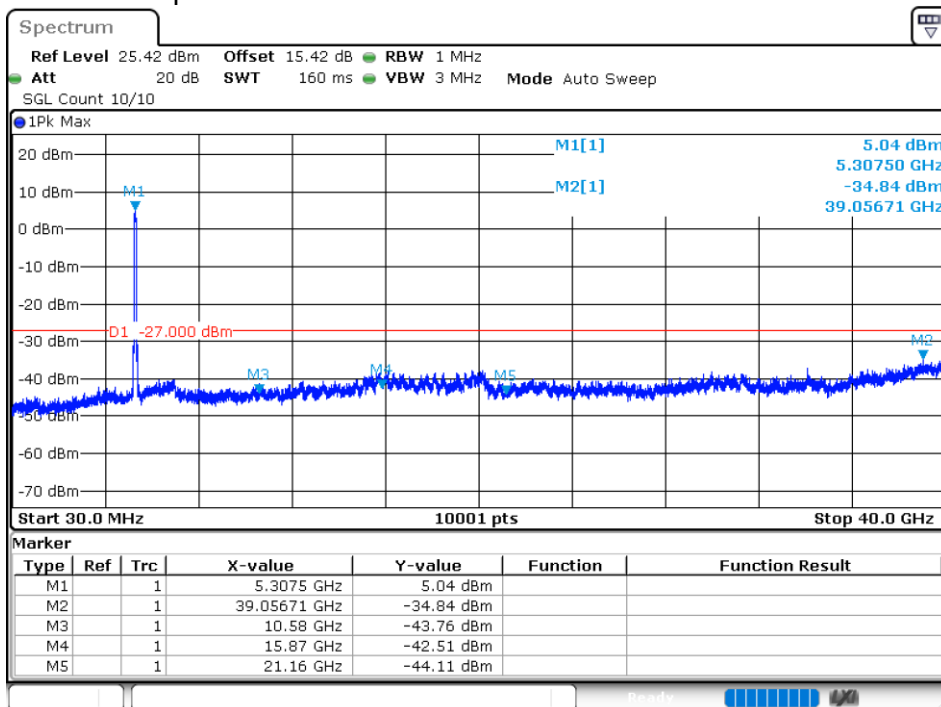
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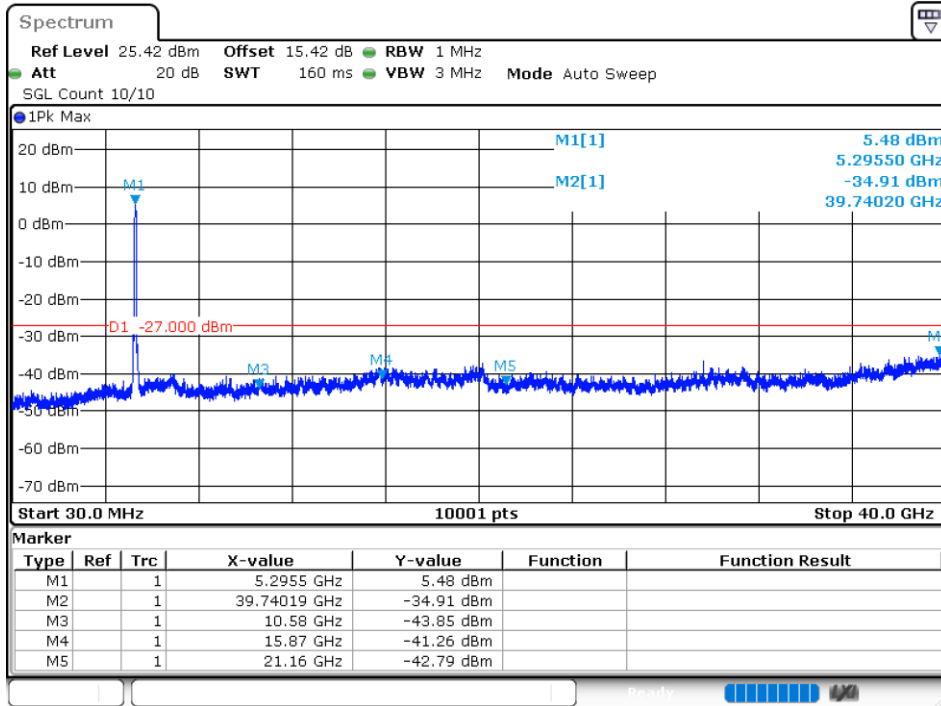
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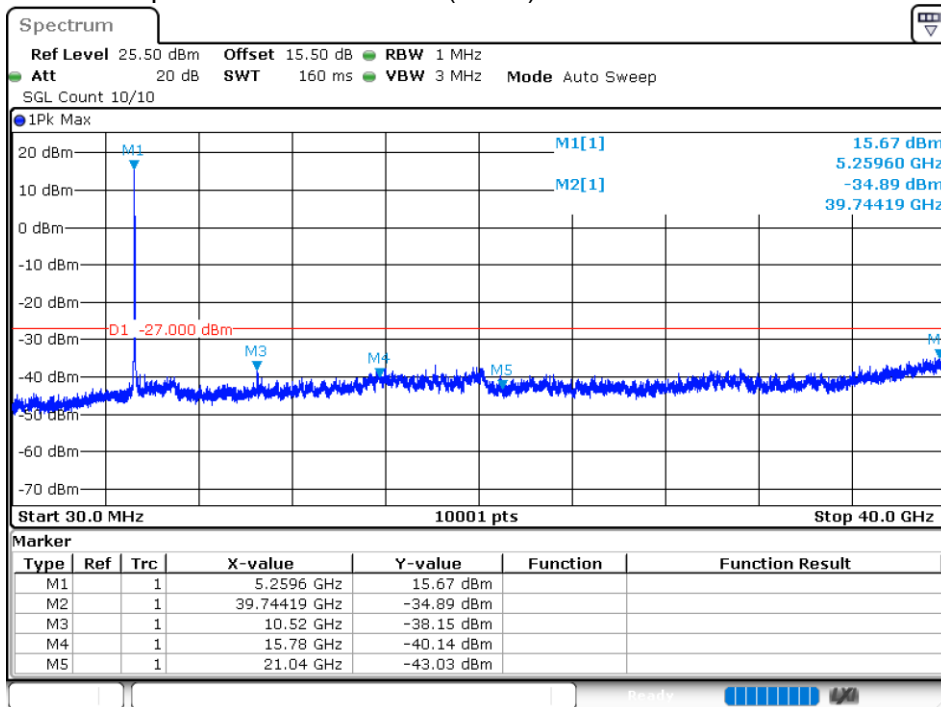
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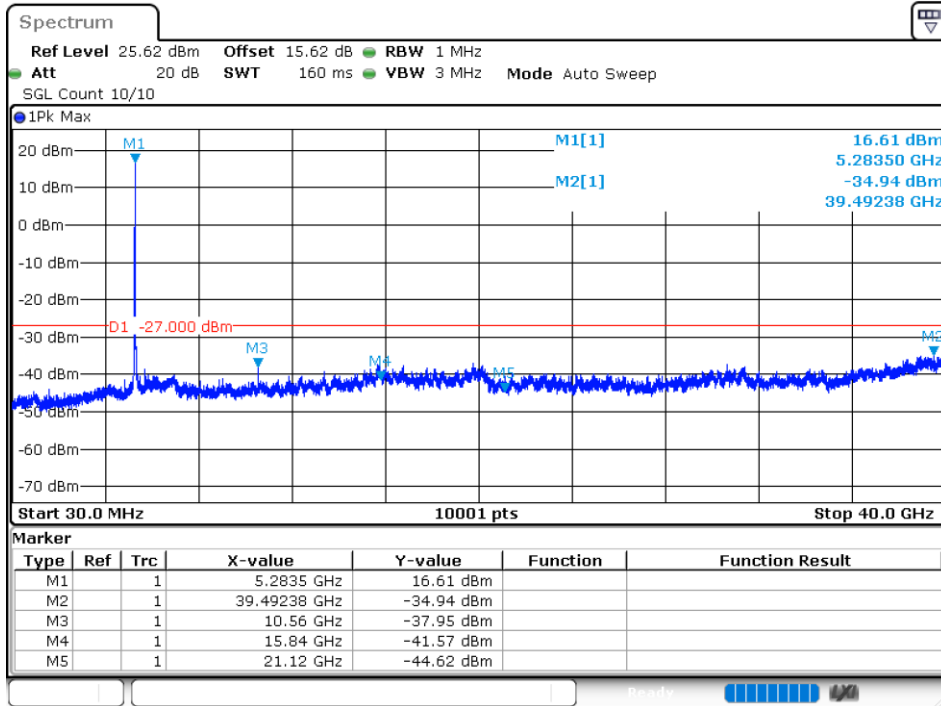
Tx. Spurious NVNT 802.11ac80 5290MHz Ant 2 Emission



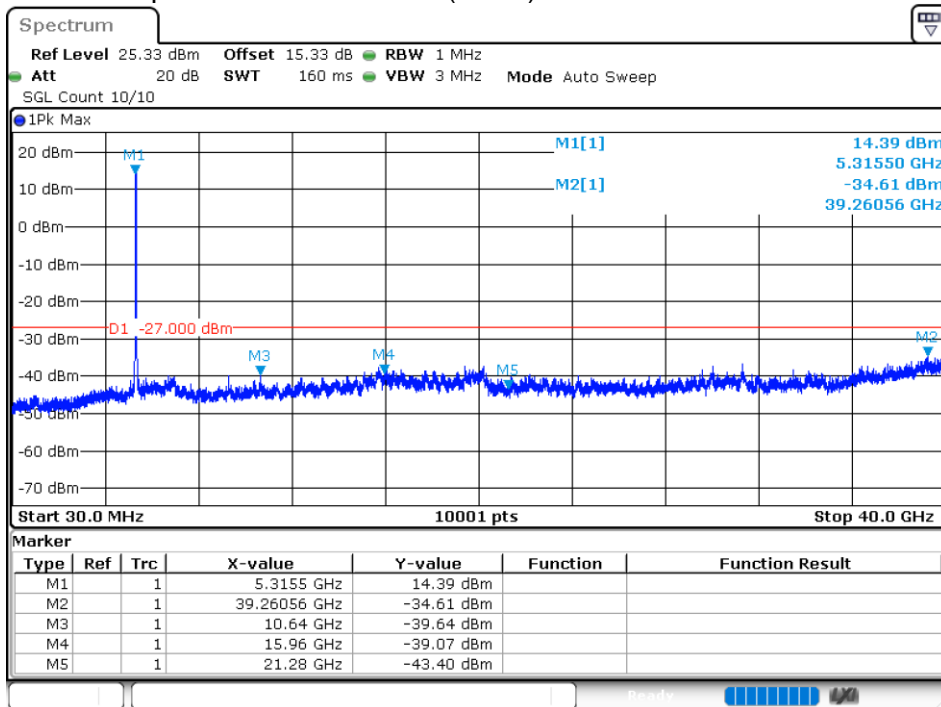
Tx. Spurious NVNT 802.11n(HT20) 5260MHz Ant 1 Emission



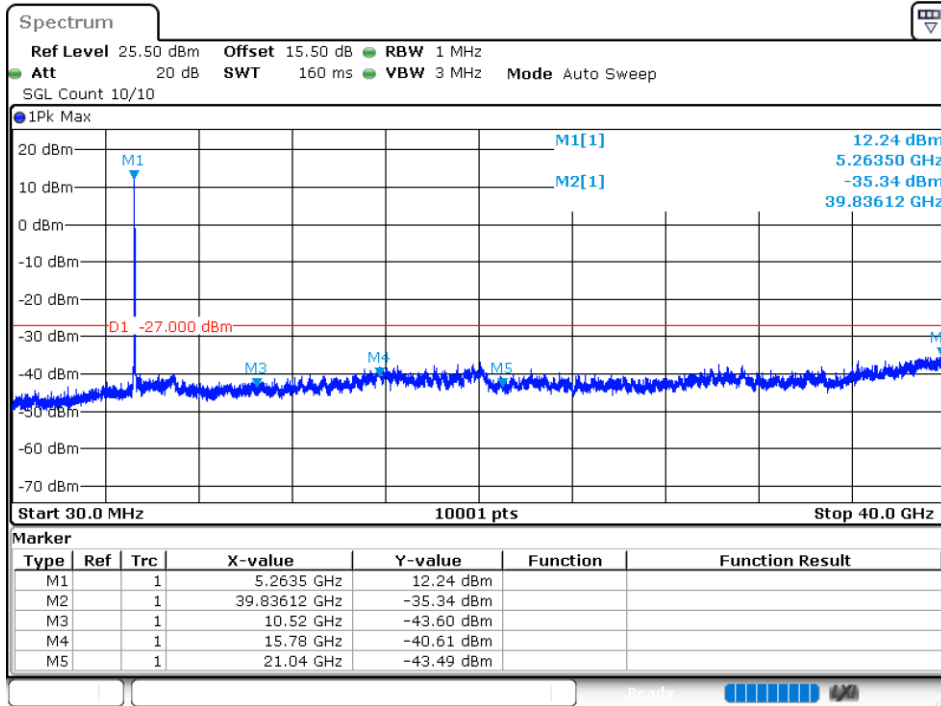
Tx. Spurious NVNT 802.11n(HT20) 5280MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5320MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5260MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT20) 5280MHz Ant 2 Emission

