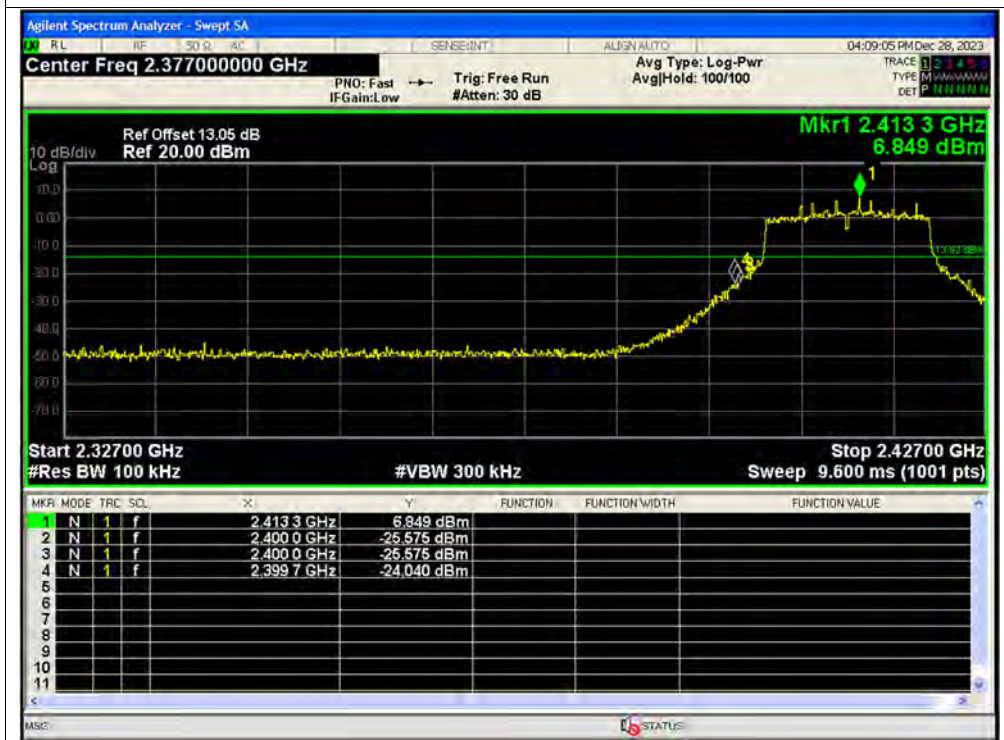




Band Edge NVNT n20 2412MHz Ant1 Ref

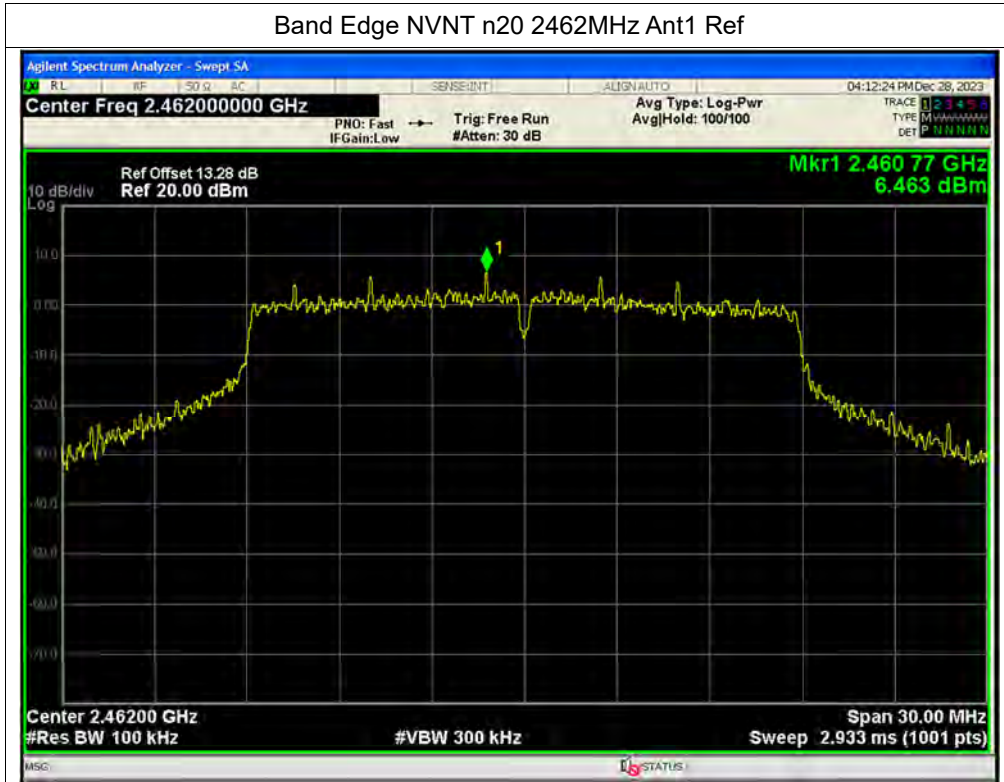


Band Edge NVNT n20 2412MHz Ant1 Emission

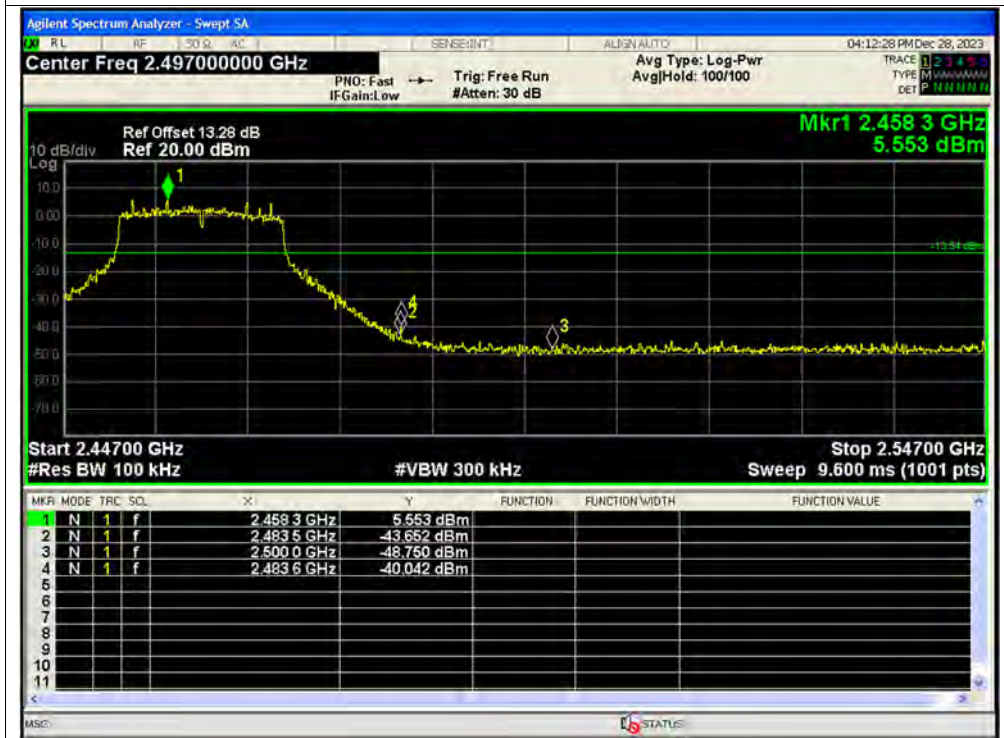




Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission

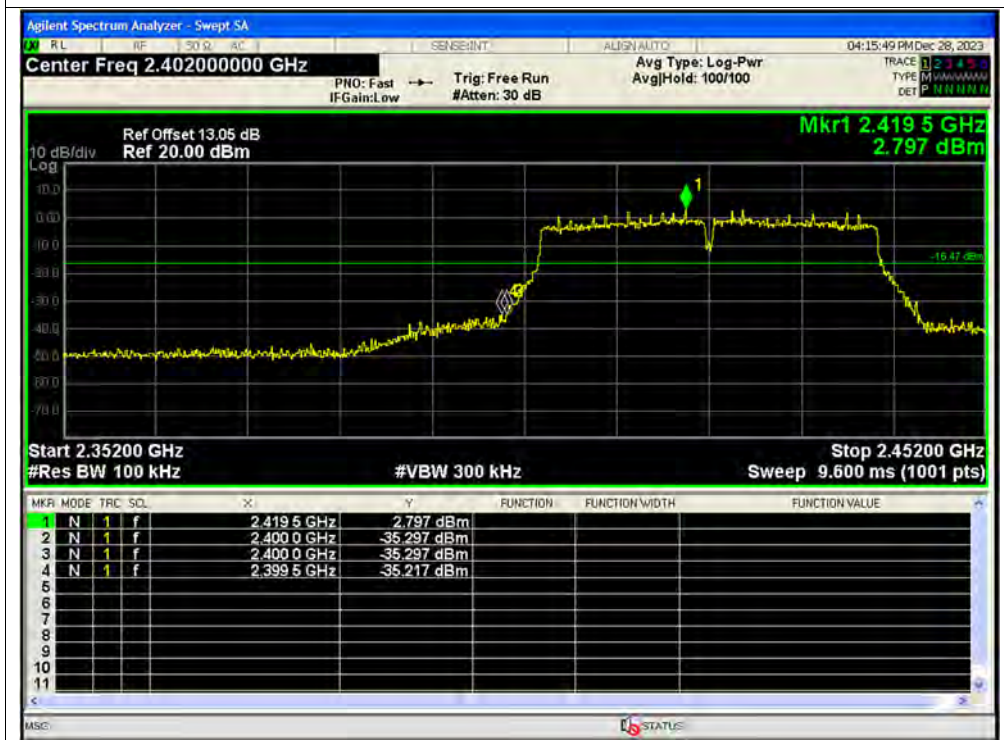




Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission





Band Edge NVNT n40 2452MHz Ant1 Ref

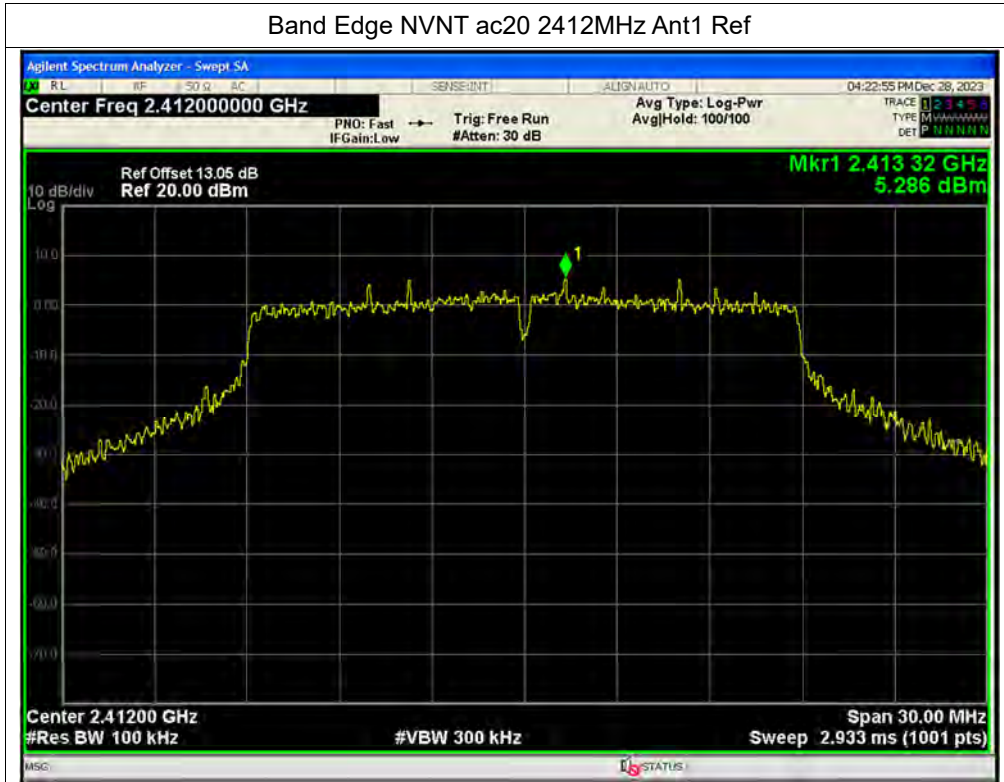


Band Edge NVNT n40 2452MHz Ant1 Emission

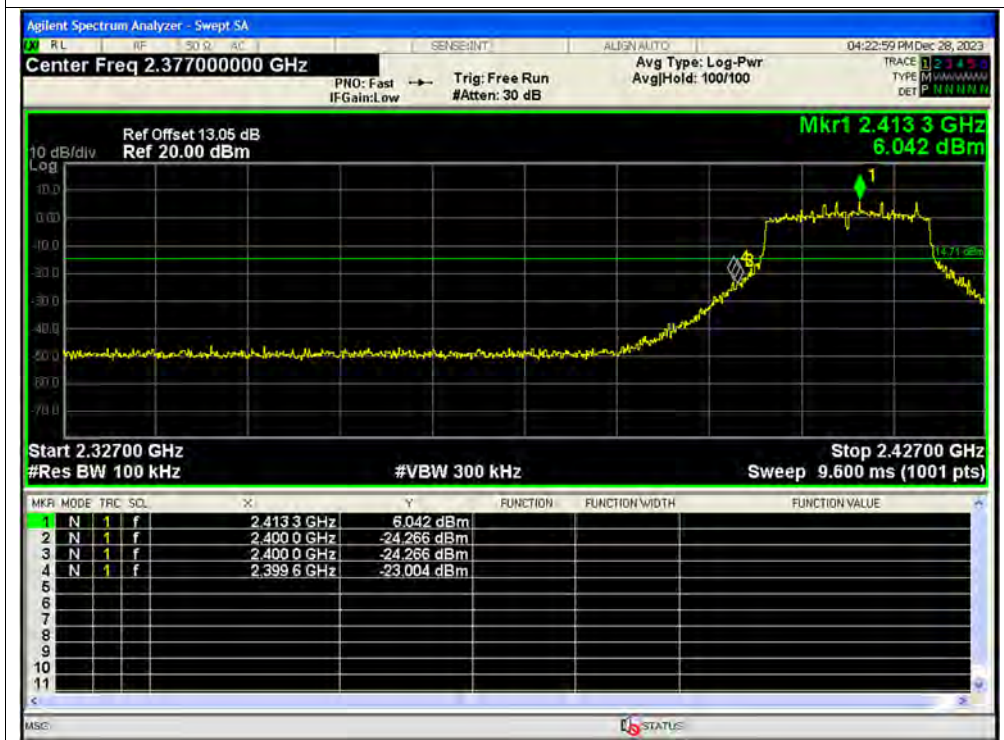




Band Edge NVNT ac20 2412MHz Ant1 Ref



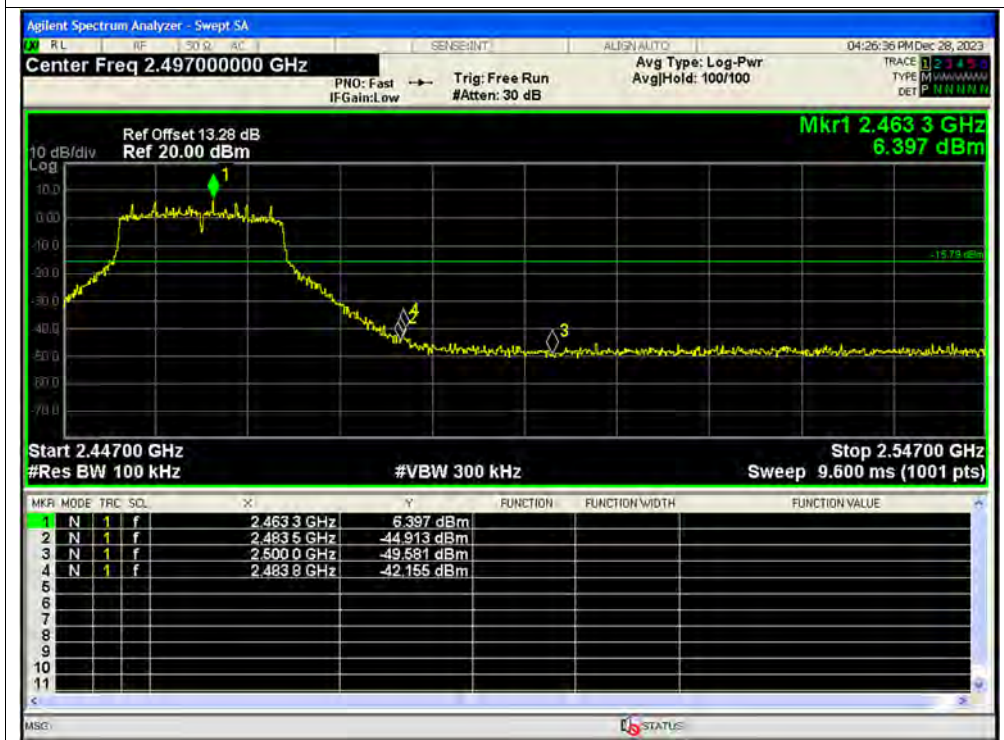
Band Edge NVNT ac20 2412MHz Ant1 Emission



Band Edge NVNT ac20 2462MHz Ant1 Ref



Band Edge NVNT ac20 2462MHz Ant1 Emission





Band Edge NVNT ac40 2422MHz Ant1 Ref



Band Edge NVNT ac40 2422MHz Ant1 Emission





Band Edge NVNT ac40 2452MHz Ant1 Ref



Band Edge NVNT ac40 2452MHz Ant1 Emission





**A.7. Power Spectral Density**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Duty Factor (dB) | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|----------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -5.58                    | 0                | -5.58                | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -4.92                    | 0                | -4.92                | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -5.66                    | 0                | -5.66                | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -8.99                    | 0                | -8.99                | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -7.95                    | 0                | -7.95                | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -8.18                    | 0                | -8.18                | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -7.83                    | 0                | -7.83                | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -7.8                     | 0                | -7.8                 | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -7.44                    | 0                | -7.44                | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -11.56                   | 0                | -11.56               | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -12                      | 0                | -12                  | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -11.08                   | 0                | -11.08               | 8                | Pass    |
| NVNT      | ac20 | 2412            | Ant1    | -8.14                    | 0                | -8.14                | 8                | Pass    |
| NVNT      | ac20 | 2437            | Ant1    | -8.61                    | 0                | -8.61                | 8                | Pass    |
| NVNT      | ac20 | 2462            | Ant1    | -7.97                    | 0                | -7.97                | 8                | Pass    |
| NVNT      | ac40 | 2422            | Ant1    | -11.41                   | 0                | -11.41               | 8                | Pass    |
| NVNT      | ac40 | 2437            | Ant1    | -11.85                   | 0                | -11.85               | 8                | Pass    |
| NVNT      | ac40 | 2452            | Ant1    | -11.56                   | 0                | -11.56               | 8                | Pass    |



Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



PSD NVNT b 2462MHz Ant1

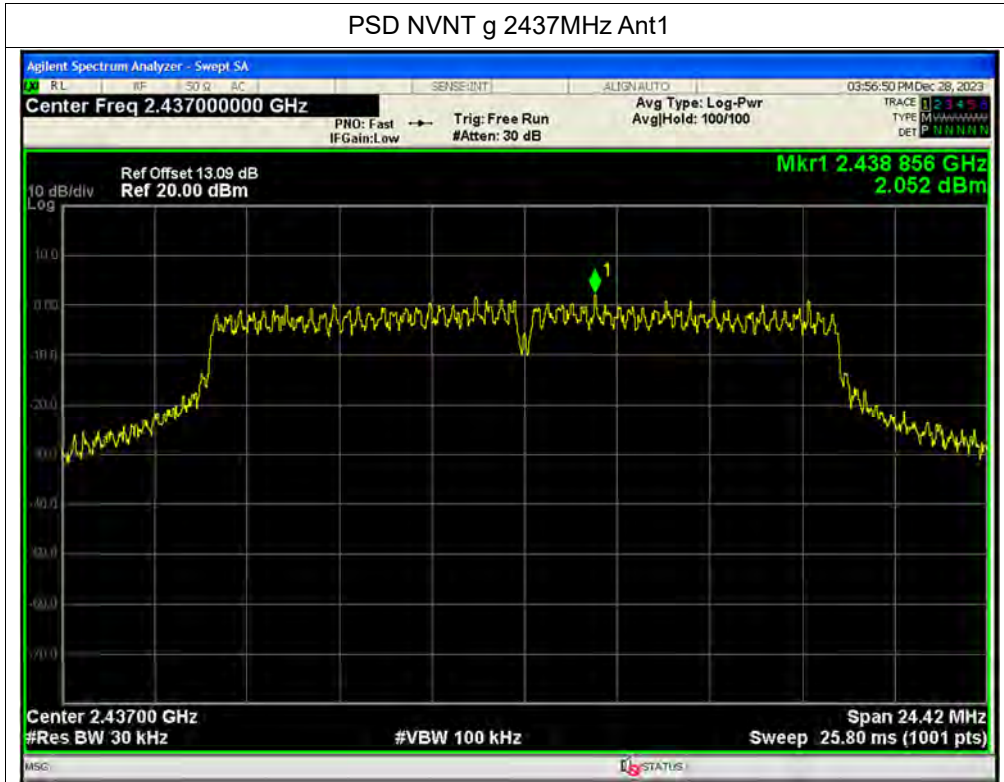


PSD NVNT g 2412MHz Ant1





PSD NVNT g 2437MHz Ant1

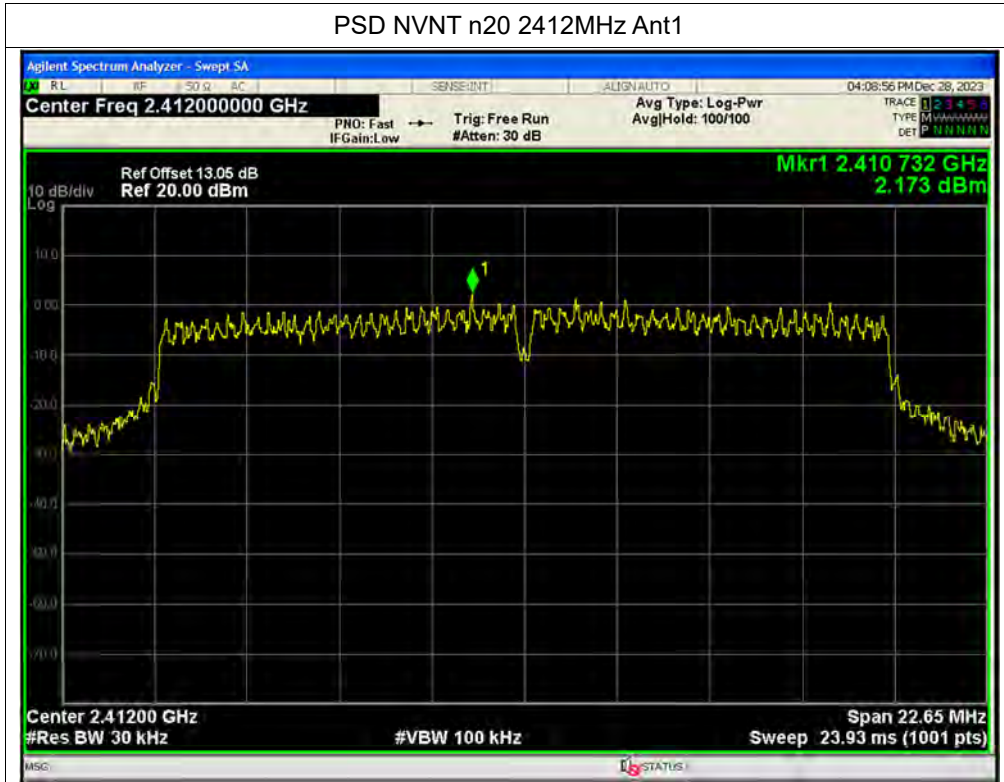


PSD NVNT g 2462MHz Ant1





PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1







PSD NVNT n40 2437MHz Ant1

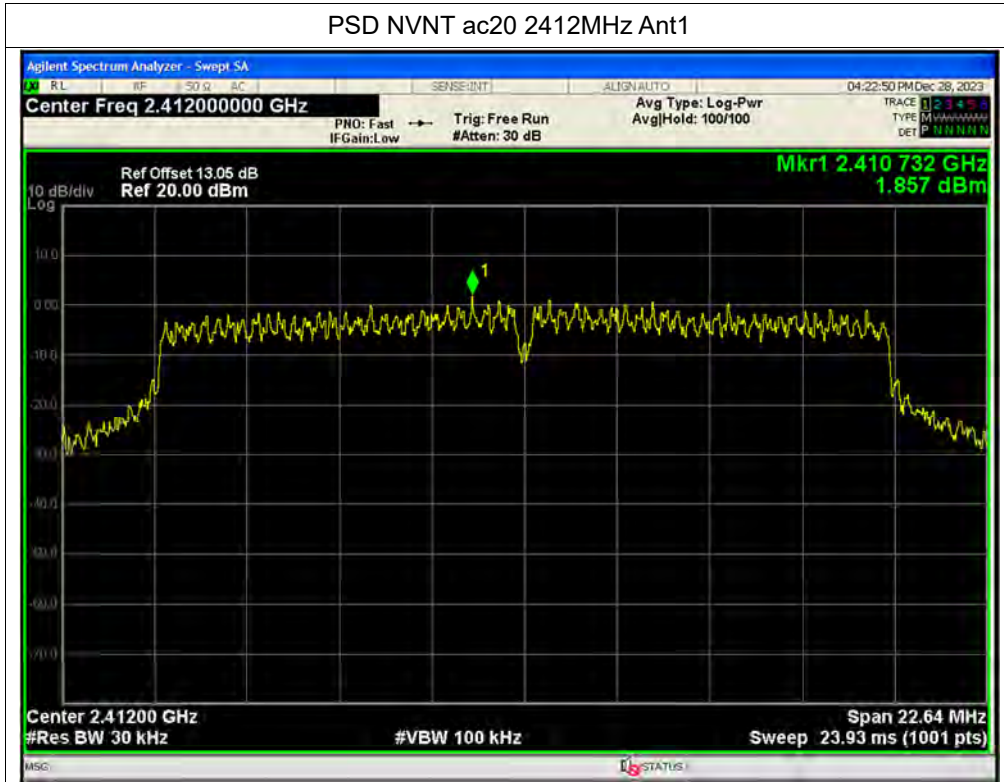


PSD NVNT n40 2452MHz Ant1

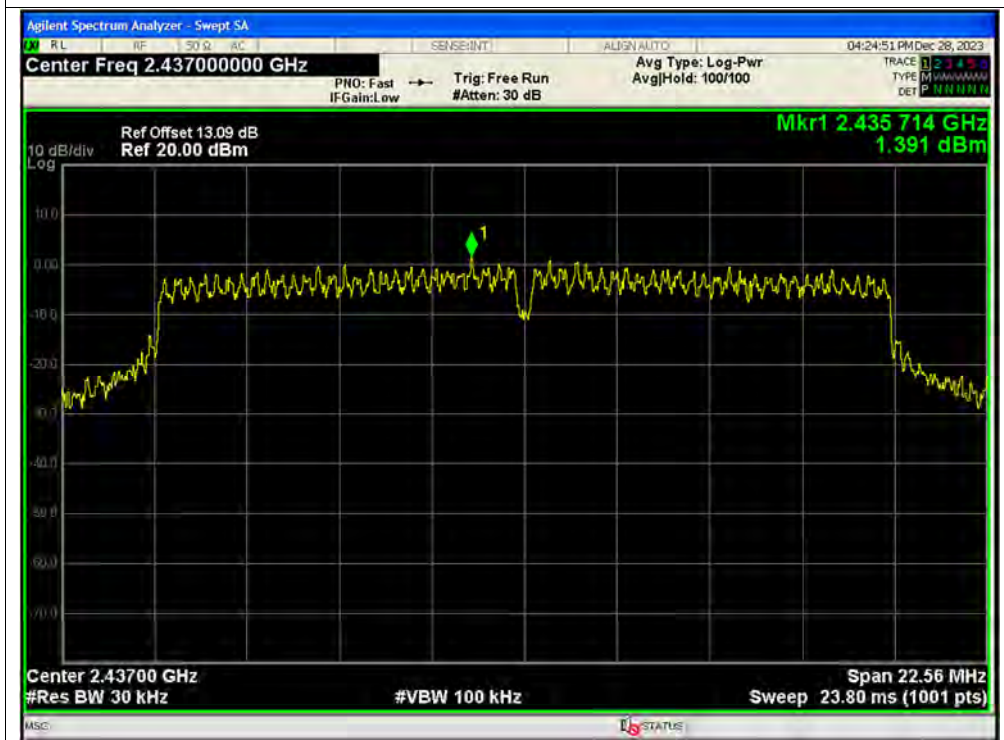




PSD NVNT ac20 2412MHz Ant1



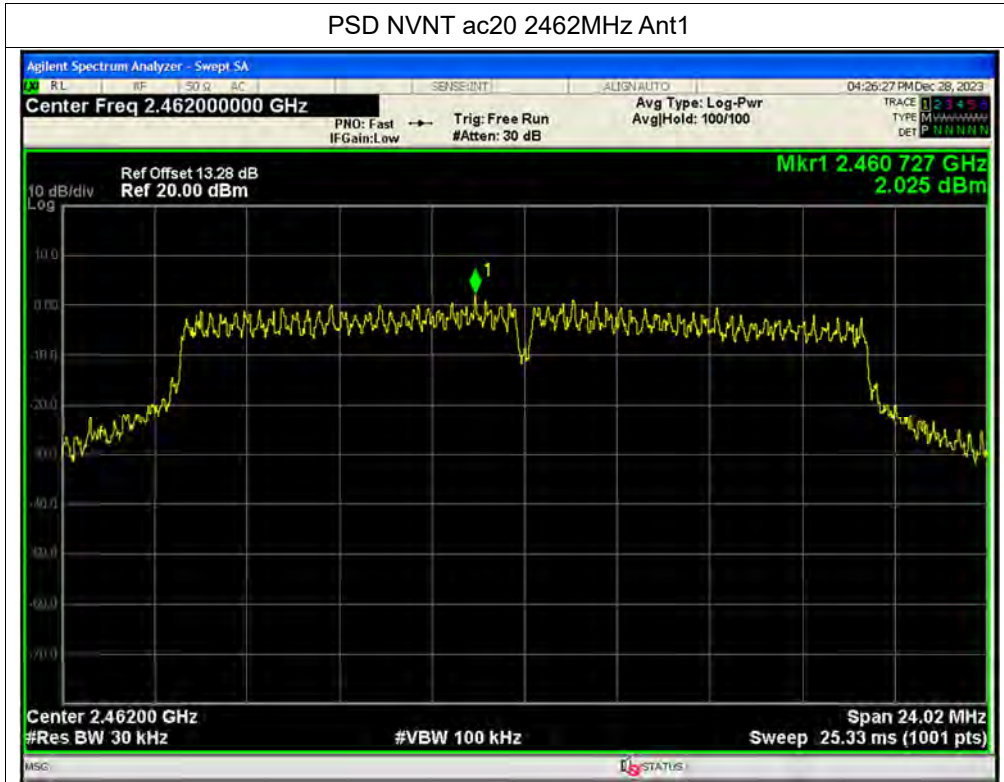
PSD NVNT ac20 2437MHz Ant1







PSD NVNT ac20 2462MHz Ant1

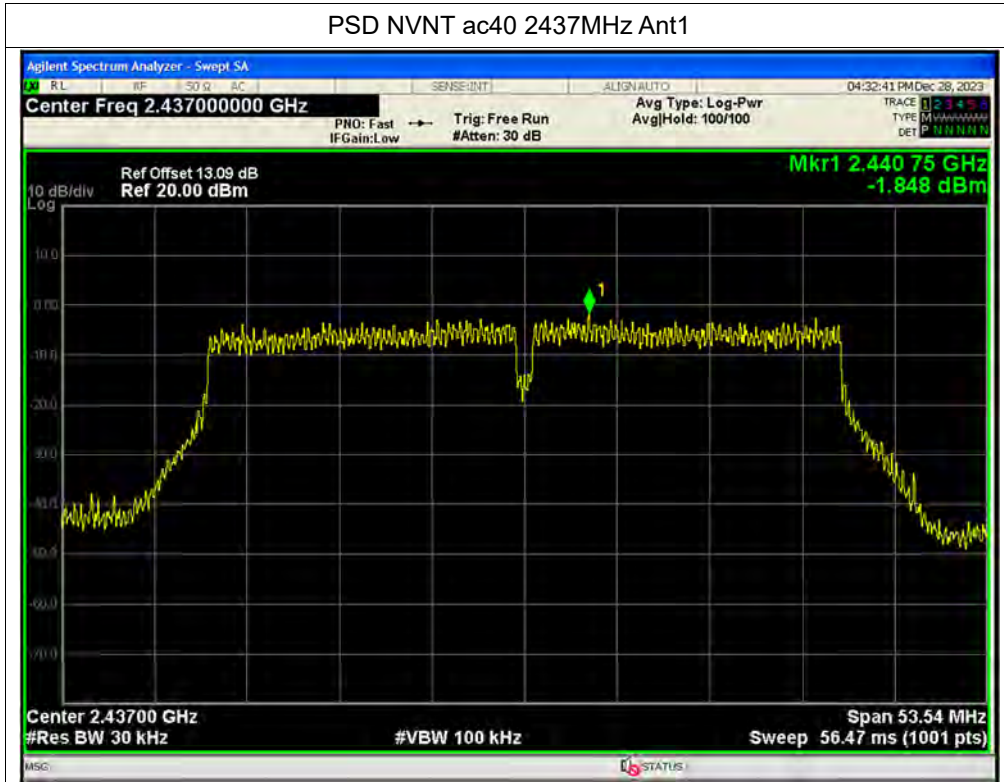


PSD NVNT ac40 2422MHz Ant1





PSD NVNT ac40 2437MHz Ant1



PSD NVNT ac40 2452MHz Ant1





## A.8. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

**Note:** Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

### A. Test Setup:

Test Mode: EUT + PC Adapter + PC + Earphone +WIFI TX

Test voltage: AC 120V/60Hz

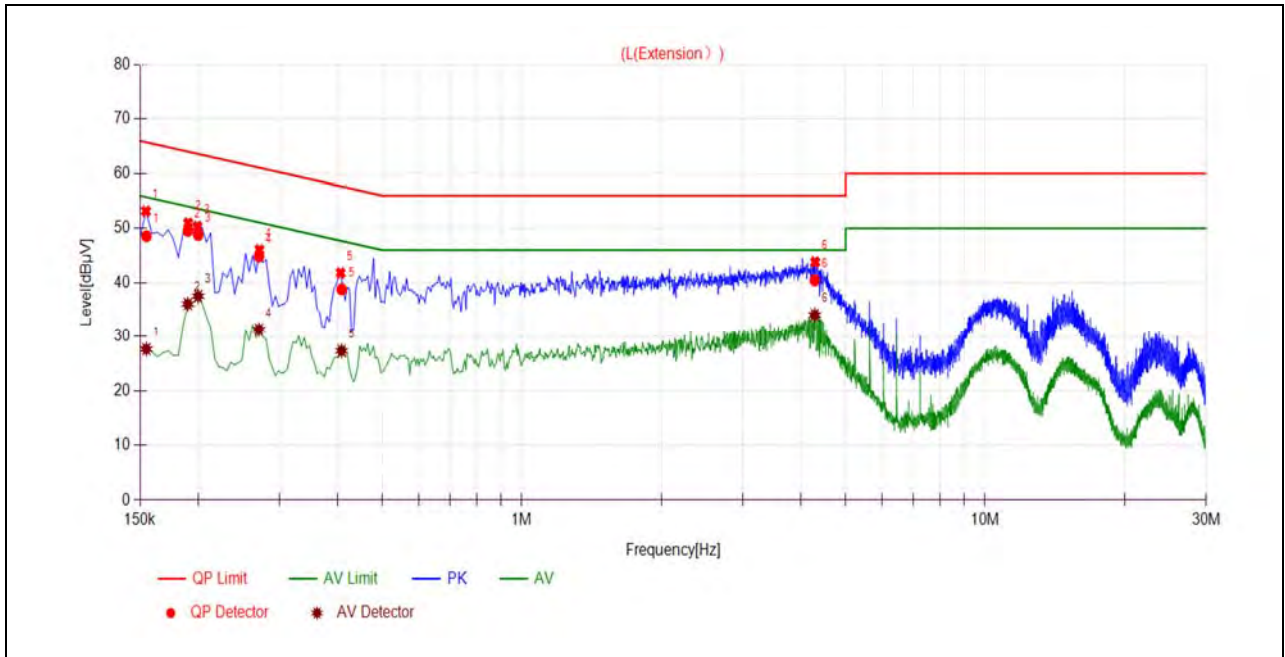
The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss}} \text{ [dB]} + A_{\text{Factor}}$$

$U_R$ : Receiver Reading

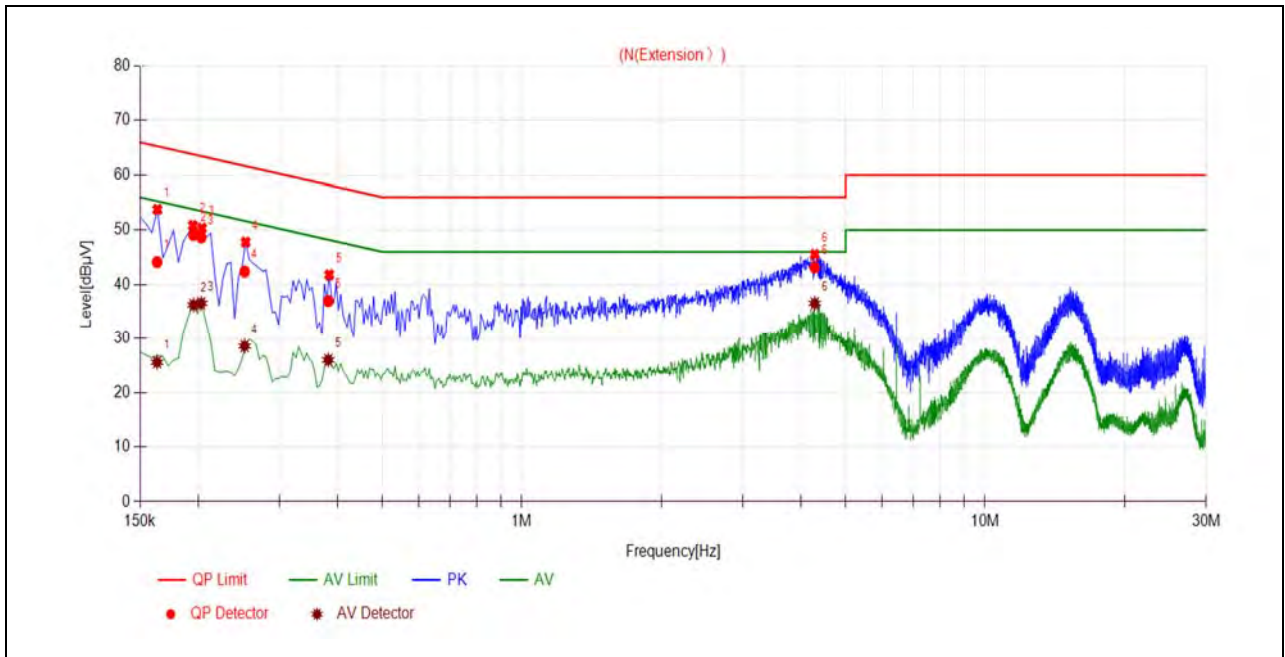
$A_{\text{Factor}}$ : Voltage division factor of LISN

**B. Test Plot:**



(L Phase)

| No. | Fre. (MHz) | Emission Level (dBµV) |         | Limit (dBµV) |         | Power-line | Verdict |
|-----|------------|-----------------------|---------|--------------|---------|------------|---------|
|     |            | Quai-peak             | Average | Quai-peak    | Average |            |         |
| 1   | 0.1548     | 48.57                 | 27.63   | 65.74        | 55.74   | Line       | PASS    |
| 2   | 0.1902     | 49.54                 | 36.06   | 64.03        | 54.03   |            | PASS    |
| 3   | 0.2002     | 48.81                 | 37.52   | 63.60        | 53.60   |            | PASS    |
| 4   | 0.2708     | 44.84                 | 31.30   | 61.09        | 51.09   |            | PASS    |
| 5   | 0.4085     | 38.79                 | 27.32   | 57.68        | 47.68   |            | PASS    |
| 6   | 4.2892     | 40.46                 | 34.04   | 56.00        | 46.00   |            | PASS    |



(N Phase)

| No. | Fre. (MHz) | Emission Level (dBμV) |         | Limit (dBμV) |         | Power-line | Verdict |
|-----|------------|-----------------------|---------|--------------|---------|------------|---------|
|     |            | Quai-peak             | Average | Quai-peak    | Average |            |         |
| 1   | 0.1632     | 44.13                 | 25.57   | 65.30        | 55.30   | Neutral    | PASS    |
| 2   | 0.1956     | 49.12                 | 36.27   | 63.80        | 53.80   |            | PASS    |
| 3   | 0.2032     | 48.67                 | 36.57   | 63.48        | 53.48   |            | PASS    |
| 4   | 0.2522     | 42.40                 | 28.56   | 61.68        | 51.68   |            | PASS    |
| 5   | 0.3823     | 36.98                 | 26.00   | 58.23        | 48.23   |            | PASS    |
| 6   | 4.2882     | 43.17                 | 36.56   | 56.00        | 46.00   |            | PASS    |

**A.9. Restricted Frequency Bands**

The lowest and highest channels are tested to verify the Restricted Frequency Bands.

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

$A_T$ : Total correction Factor except Antenna

$U_R$ : Receiver Reading

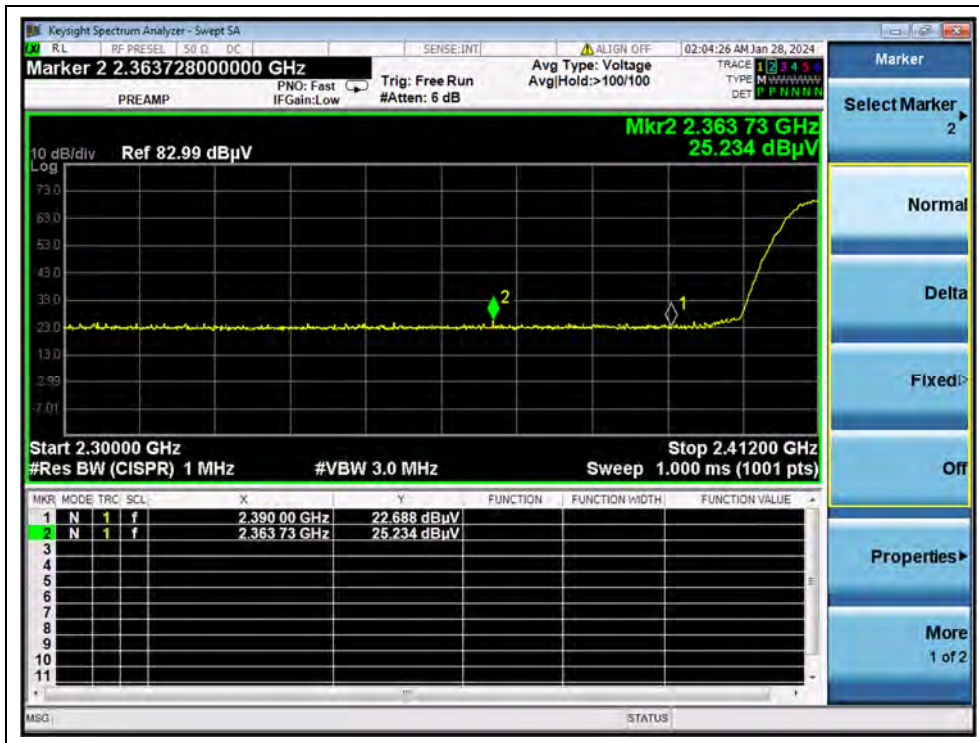
$G_{\text{preamp}}$ : Preamplifier Gain

$A_{\text{Factor}}$ : Antenna Factor at 3m

Note: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

**802.11b Mode**

| Channel | Frequency (MHz) | Detector | Receiver Reading   | $A_T$ (dB) | $A_{\text{Factor}}$ (dB@3m) | Max. Emission E (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|--------------------|------------|-----------------------------|--------------------------------|----------------------|---------|
|         |                 | PK/ AV   | $U_R$ (dB $\mu$ V) |            |                             |                                |                      |         |
| 1       | 2363.73         | PK       | 25.23              | 6.74       | 27.20                       | 59.17                          | 74                   | PASS    |
| 1       | 2389.71         | AV       | 11.76              | 6.74       | 27.20                       | 45.70                          | 54                   | PASS    |
| 11      | 2493.54         | PK       | 24.92              | 6.74       | 27.20                       | 58.86                          | 74                   | PASS    |
| 11      | 2483.74         | AV       | 12.05              | 6.74       | 27.20                       | 45.99                          | 54                   | PASS    |



(PEAK, Channel 1, 802.11b)



(AVERAGE, Channel 1, 802.11b)



(PEAK, Channel 11, 802.11b)



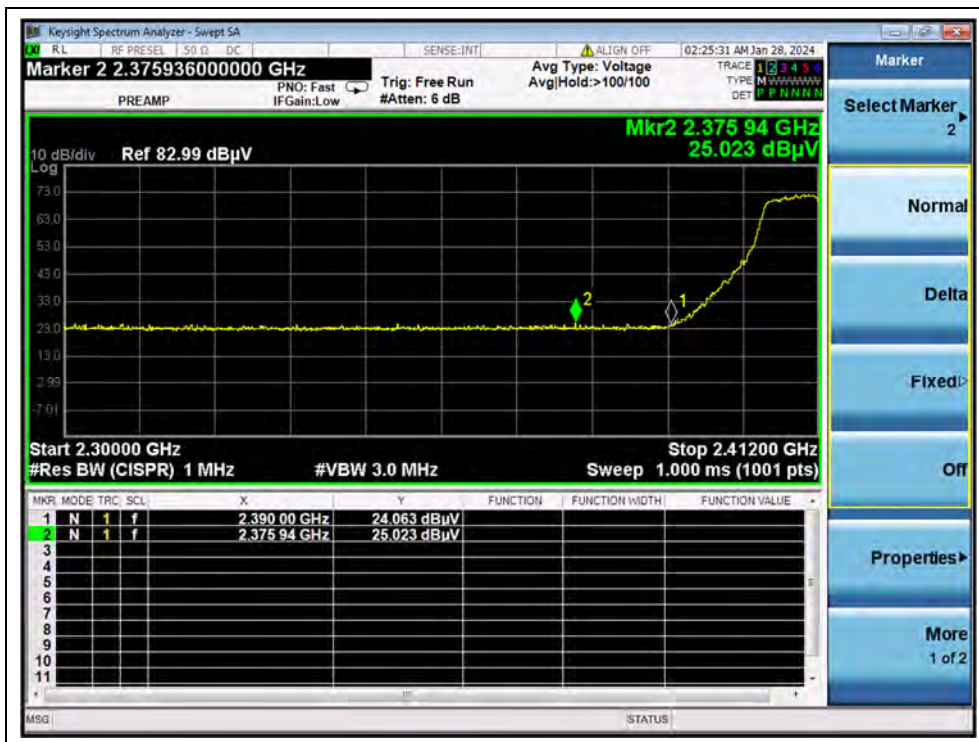
(AVERAGE, Channel 11, 802.11b)





802.11g Mode

| Channel | Frequency (MHz) | Detector | Receiver Reading      | A <sub>T</sub> (dB) | A <sub>Factor</sub> (dB@3m) | Max. Emission E (dBμV/m) | Limit (dBμV/m) | Verdict |
|---------|-----------------|----------|-----------------------|---------------------|-----------------------------|--------------------------|----------------|---------|
|         |                 | PK/ AV   | U <sub>R</sub> (dBμV) |                     |                             |                          |                |         |
| 1       | 2375.94         | PK       | 25.02                 | 6.74                | 27.20                       | 58.96                    | 74             | PASS    |
| 1       | 2390.00         | AV       | 12.66                 | 6.74                | 27.20                       | 46.60                    | 54             | PASS    |
| 11      | 2487.19         | PK       | 25.12                 | 6.74                | 27.20                       | 59.06                    | 74             | PASS    |
| 11      | 2483.50         | AV       | 12.80                 | 6.74                | 27.20                       | 46.74                    | 54             | PASS    |



(PEAK, Channel 1, 802.11g)



(AVERAGE, Channel 1, 802.11g)



(PEAK, Channel 11, 802.11g)

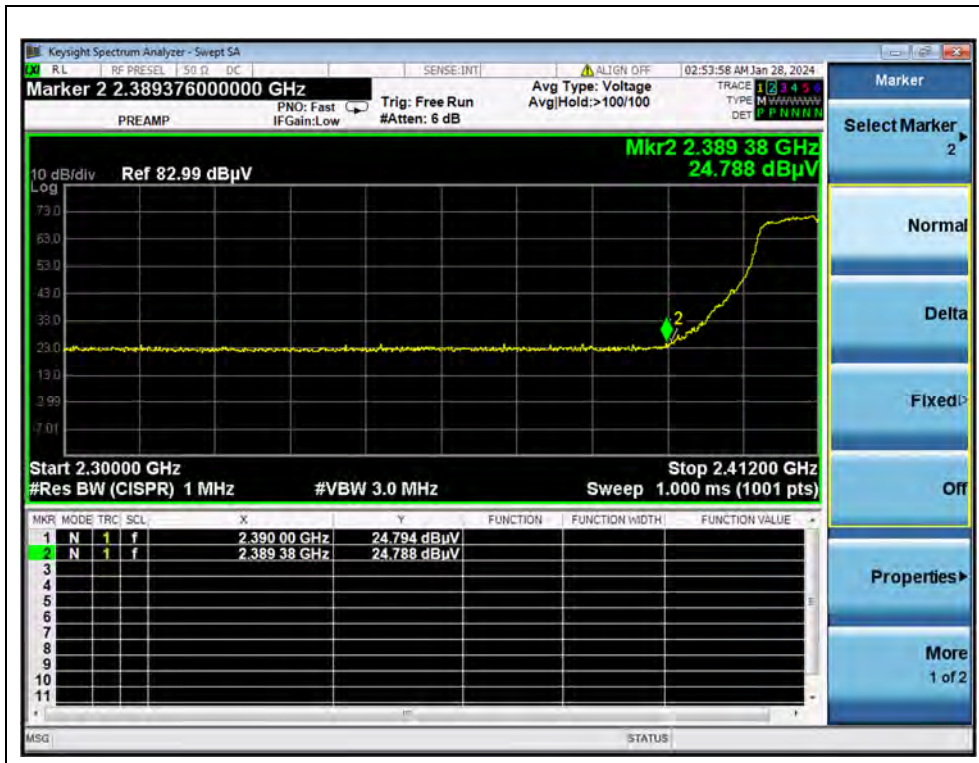


(AVERAGE, Channel 11, 802.11g)



802.11n (HT20) Mode

| Channel | Frequency (MHz) | Detector | Receiver Reading $U_R$ (dB $\mu$ V) | $A_T$ (dB) | $A_{Factor}$ (dB@3m) | Max. Emission E (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|------------|----------------------|--------------------------------|----------------------|---------|
|         |                 | PK/ AV   |                                     |            |                      |                                |                      |         |
| 1       | 2390.00         | PK       | 24.79                               | 6.74       | 27.20                | 58.73                          | 74                   | PASS    |
| 1       | 2390.00         | AV       | 12.90                               | 6.74       | 27.20                | 46.84                          | 54                   | PASS    |
| 11      | 2484.31         | PK       | 26.03                               | 6.74       | 27.20                | 59.97                          | 74                   | PASS    |
| 11      | 2483.50         | AV       | 13.34                               | 6.74       | 27.20                | 47.28                          | 54                   | PASS    |



(PEAK, Channel 1, 802.11n (HT20))



(AVERAGE, Channel 1, 802.11n (HT20))



(PEAK, Channel 11, 802.11n (HT20))

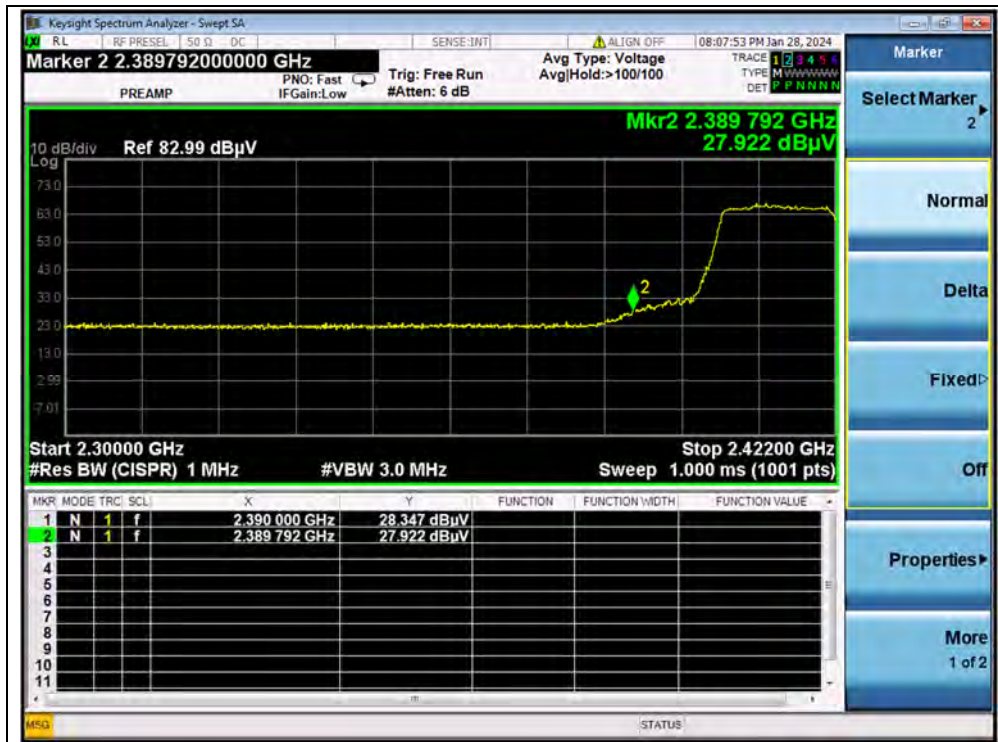


(AVERAGE, Channel 11, 802.11n (HT20))

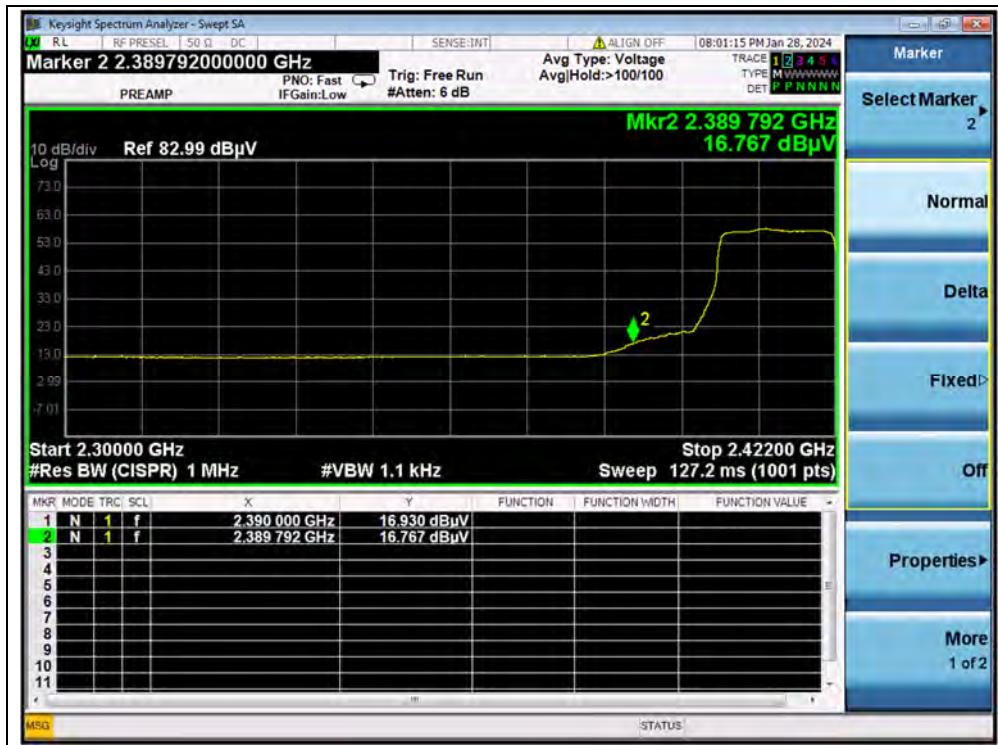


**802.11n (HT40) Mode**

| Channel | Frequency (MHz) | Detector | Receiver Reading $U_R$ (dB $\mu$ V) | $A_T$ (dB) | $A_{Factor}$ (dB@3m) | Max. Emission E (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|------------|----------------------|--------------------------------|----------------------|---------|
|         |                 | PK/ AV   |                                     |            |                      |                                |                      |         |
| 3       | 2390.00         | PK       | 28.35                               | 6.74       | 27.20                | 62.29                          | 74                   | PASS    |
| 3       | 2390.00         | AV       | 16.93                               | 6.74       | 27.20                | 50.87                          | 54                   | PASS    |
| 9       | 2484.40         | PK       | 26.76                               | 6.74       | 27.20                | 60.70                          | 74                   | PASS    |
| 9       | 2484.11         | AV       | 15.12                               | 6.74       | 27.20                | 49.06                          | 54                   | PASS    |



(PEAK, Channel 3, 802.11n (HT40))



(AVERAGE, Channel 3, 802.11n (HT40))



(PEAK, Channel 9, 802.11n (HT40))



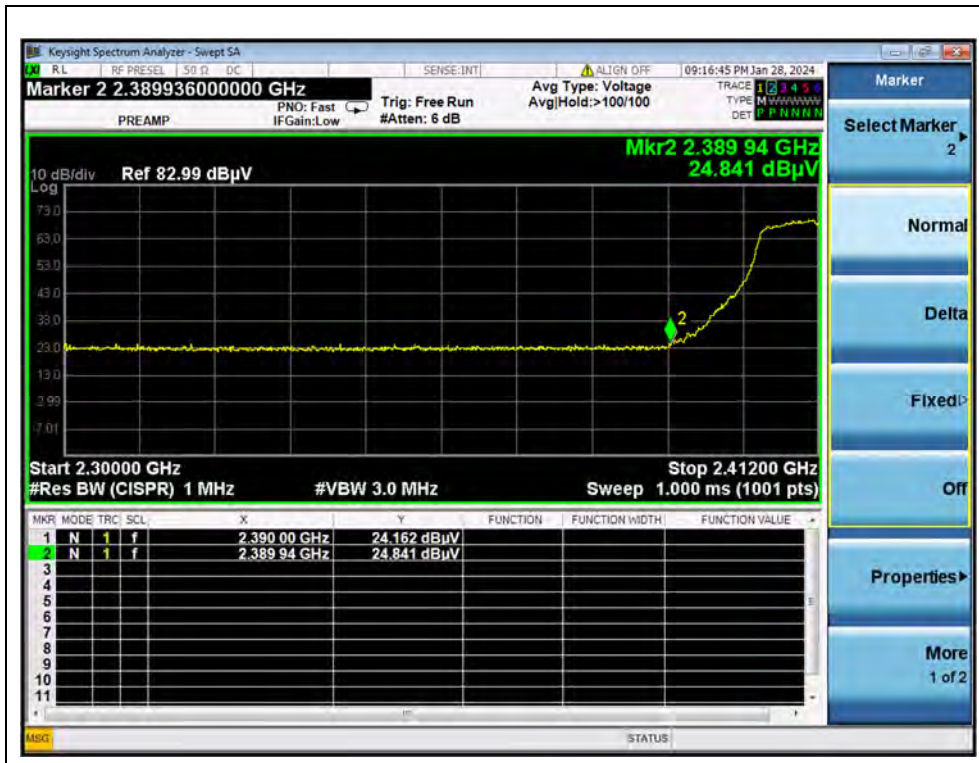


(AVERAGE, Channel 9, 802.11n (HT40))

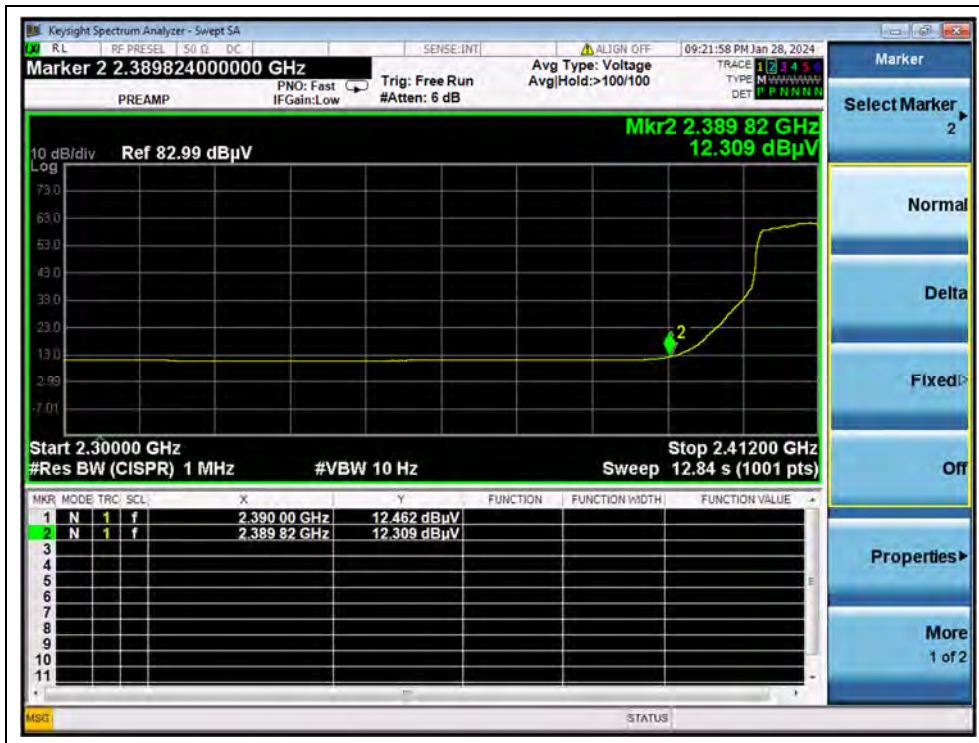


802.11ac (VHT20) Mode

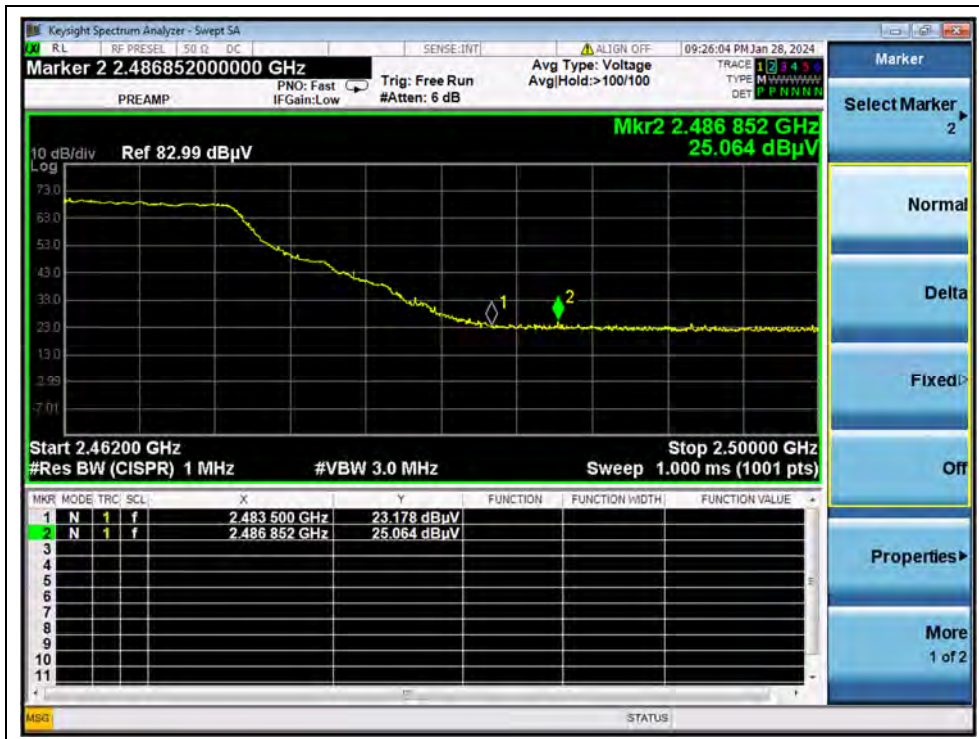
| Channel | Frequency (MHz) | Detector | Receiver Reading $U_R$ (dB $\mu$ V) | $A_T$ (dB) | $A_{Factor}$ (dB@3m) | Max. Emission E (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|------------|----------------------|--------------------------------|----------------------|---------|
|         |                 | PK/ AV   |                                     |            |                      |                                |                      |         |
| 1       | 2389.94         | PK       | 24.84                               | 6.74       | 27.20                | 58.78                          | 74                   | PASS    |
| 1       | 2390.00         | AV       | 12.46                               | 6.74       | 27.20                | 46.40                          | 54                   | PASS    |
| 11      | 2486.85         | PK       | 25.06                               | 6.74       | 27.20                | 59.00                          | 74                   | PASS    |
| 11      | 2483.50         | AV       | 12.32                               | 6.74       | 27.20                | 46.26                          | 54                   | PASS    |



(PEAK, Channel 1, 802.11ac (VHT20))



(AVERAGE, Channel 1, 802.11ac (VHT20))



(PEAK, Channel 11, 802.11ac (VHT20))

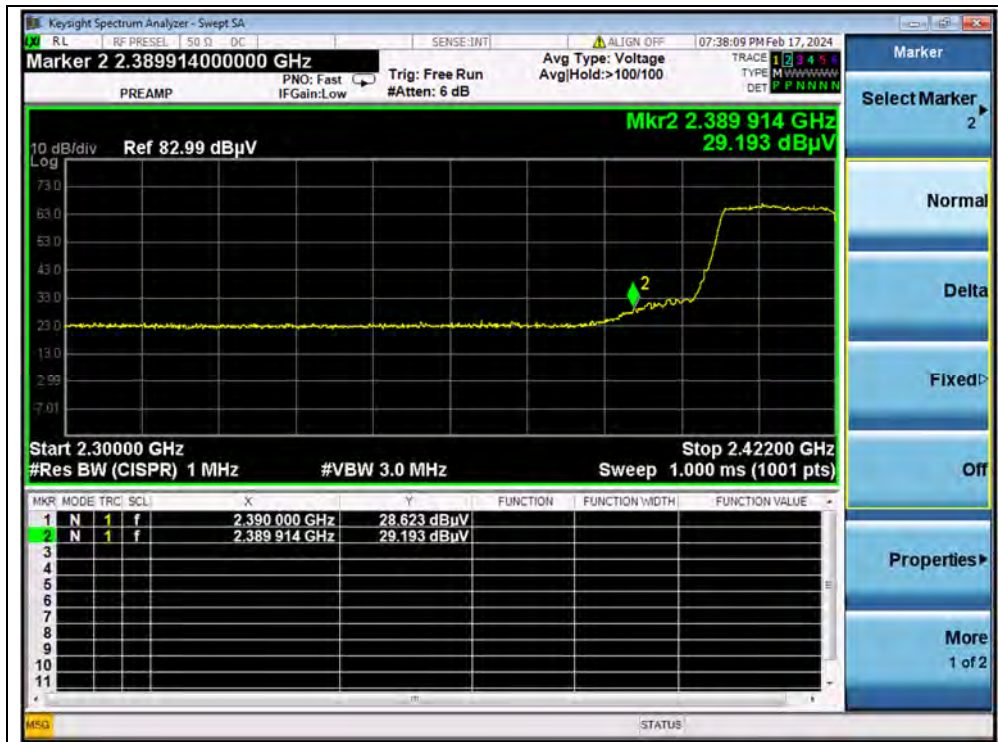


(AVERAGE, Channel 11, 802.11ac (VHT20))

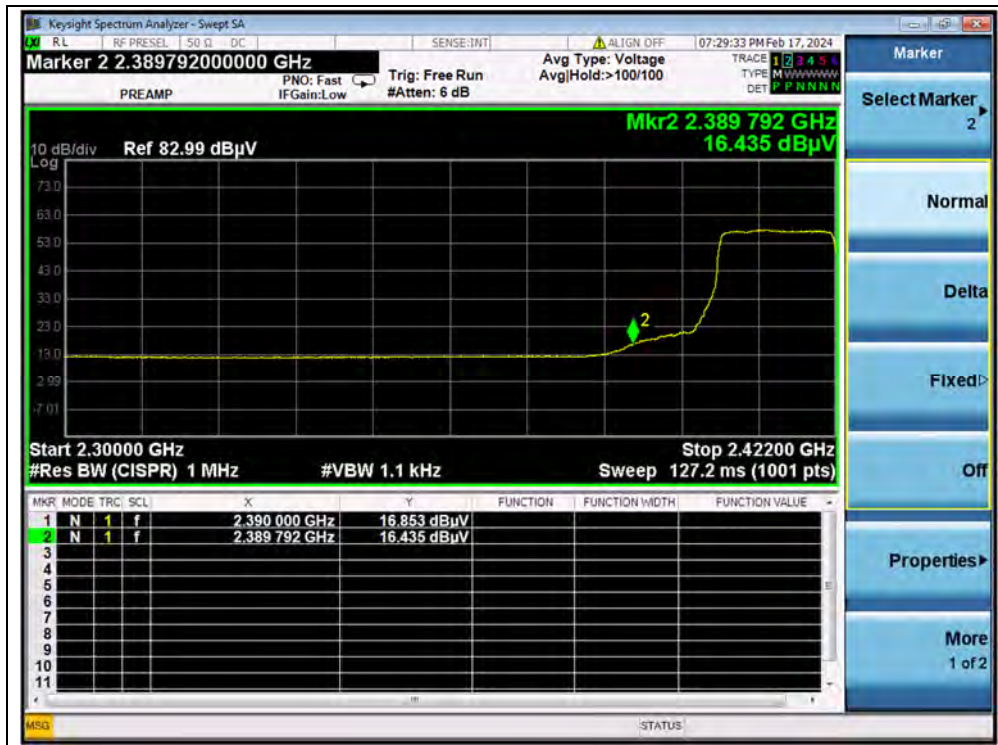


**802.11ac (VHT40) Mode**

| Channel | Frequency (MHz) | Detector | Receiver Reading $U_R$ (dB $\mu$ V) | $A_T$ (dB) | $A_{Factor}$ (dB@3m) | Max. Emission E (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|------------|----------------------|--------------------------------|----------------------|---------|
|         |                 | PK/ AV   |                                     |            |                      |                                |                      |         |
| 3       | 2389.91         | PK       | 29.19                               | 6.74       | 27.20                | 63.13                          | 74                   | PASS    |
| 3       | 2390.00         | AV       | 16.85                               | 6.74       | 27.20                | 50.79                          | 54                   | PASS    |
| 9       | 2484.59         | PK       | 26.23                               | 6.74       | 27.20                | 60.17                          | 74                   | PASS    |
| 9       | 2483.78         | AV       | 15.08                               | 6.74       | 27.20                | 49.02                          | 54                   | PASS    |



(PEAK, Channel 3, 802.11ac (VHT40))



(AVERAGE, Channel 3, 802.11ac (VHT40))



(PEAK, Channel 9, 802.11ac (VHT40))



(AVERAGE, Channel 9, 802.11ac (VHT40))



### A.10. Radiated Emission

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

$A_T$ : Total correction Factor except Antenna

$U_R$ : Receiver Reading

$G_{\text{preamp}}$ : Preamplifier Gain

$A_{\text{Factor}}$ : Antenna Factor at 3m

During the test, the total correction Factor  $A_T$  and  $A_{\text{Factor}}$  were built in test software.

**Note1:** All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

**Note2:** For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

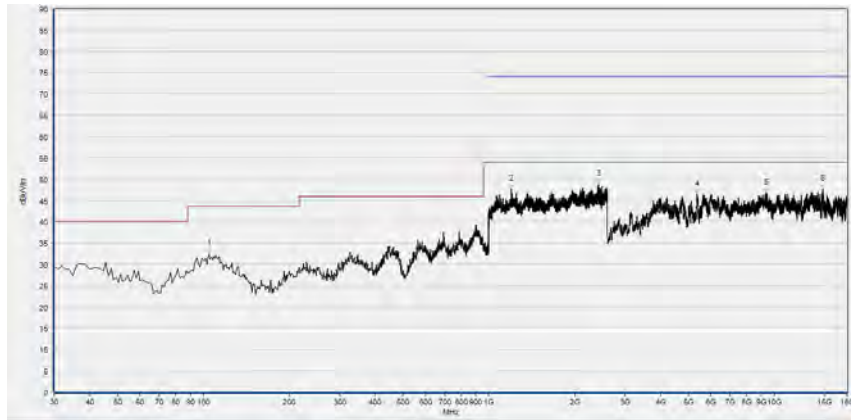
**Note3:** For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.





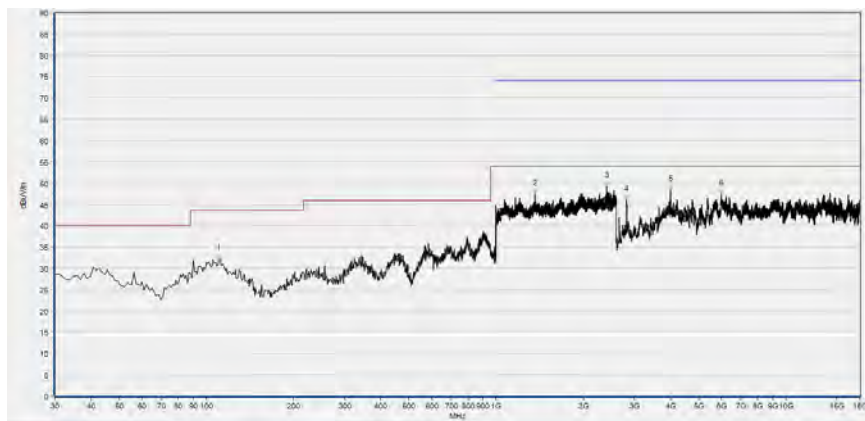
**802.11b Mode**

**Plot for Channel 1**



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 104.690    | 32.29       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1196.800   | 47.61       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2425.600   | 48.77       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5365.840   | 46.44       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9363.680   | 46.84       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 14812.200  | 47.58       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

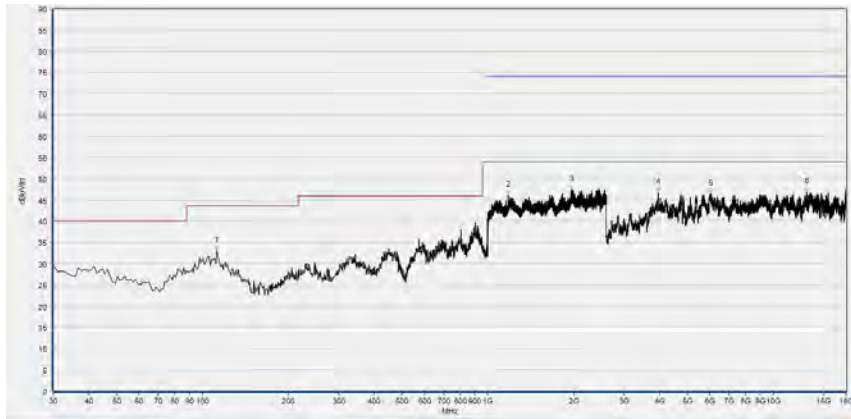
(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 110.510    | 32.21       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1357.867   | 47.42       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2405.333   | 49.28       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2821.760   | 46.17       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3989.080   | 48.38       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5991.080   | 47.35       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

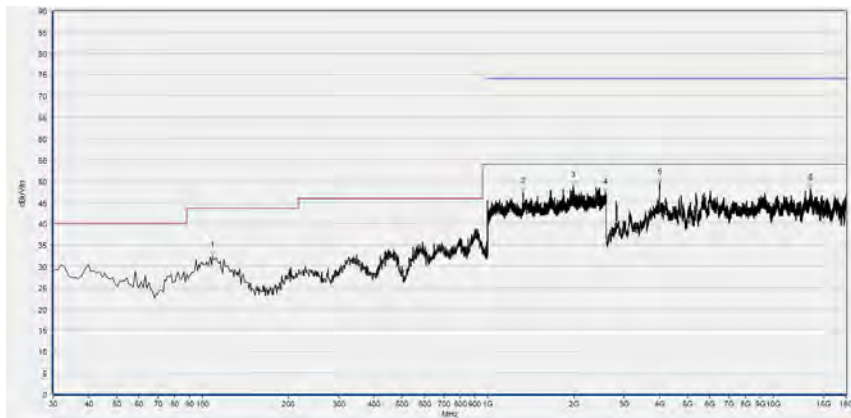
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 112.450    | 33.07       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1176.000   | 46.08       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1971.733   | 47.41       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 3961.360   | 46.71       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 6037.280   | 46.51       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13078.160  | 46.93       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

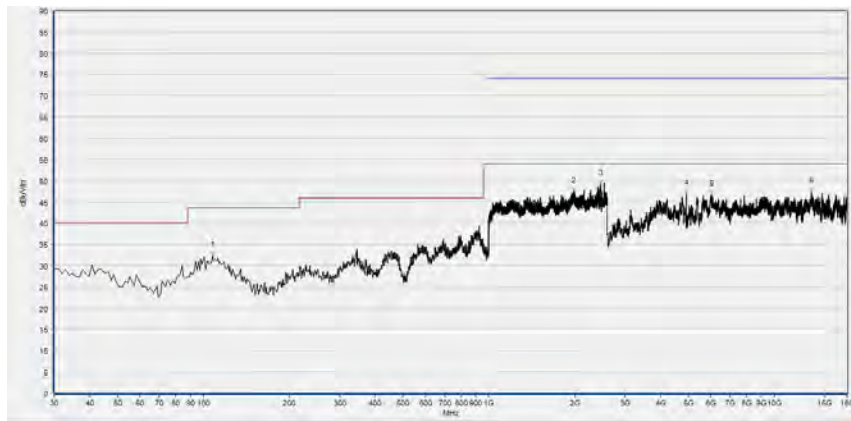
(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 108.570    | 32.28       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1332.267   | 47.49       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1994.667   | 48.91       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2574.933   | 47.29       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3989.080   | 49.54       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 13487.800  | 48.27       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

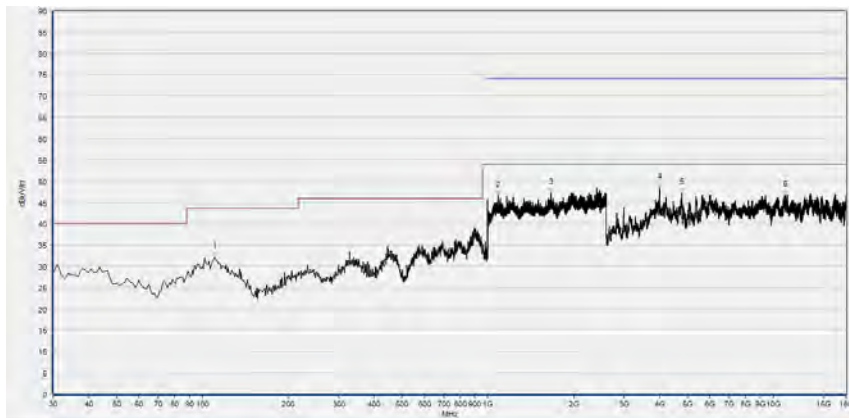
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 107.600    | 32.29       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1980.267   | 47.41       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2463.467   | 49.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 4922.320   | 46.91       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 6024.960   | 46.68       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13509.360  | 47.37       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 110.510    | 32.19       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1088.533   | 46.67       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1665.600   | 47.30       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3989.080   | 48.37       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 4777.560   | 47.24       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 11008.400  | 46.73       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)



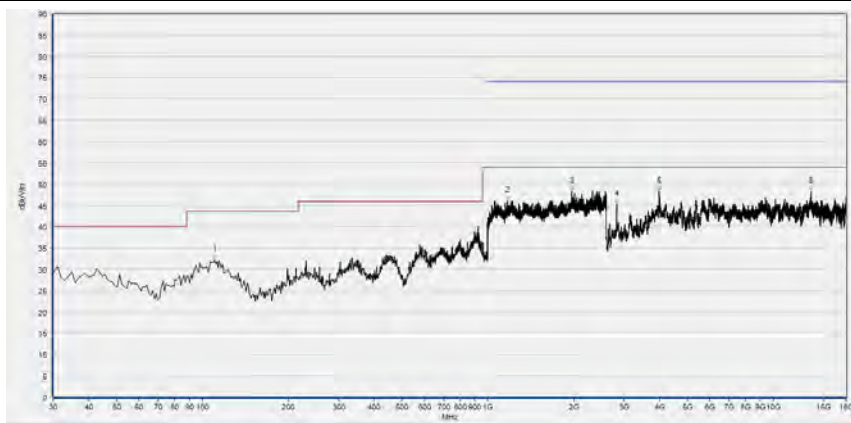
802.11g Mode

Plot for Channel 1



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 112.450    | 31.84       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1993.067   | 47.86       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2413.867   | 48.40       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 4777.560   | 47.32       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5978.760   | 46.88       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13497.040  | 47.28       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

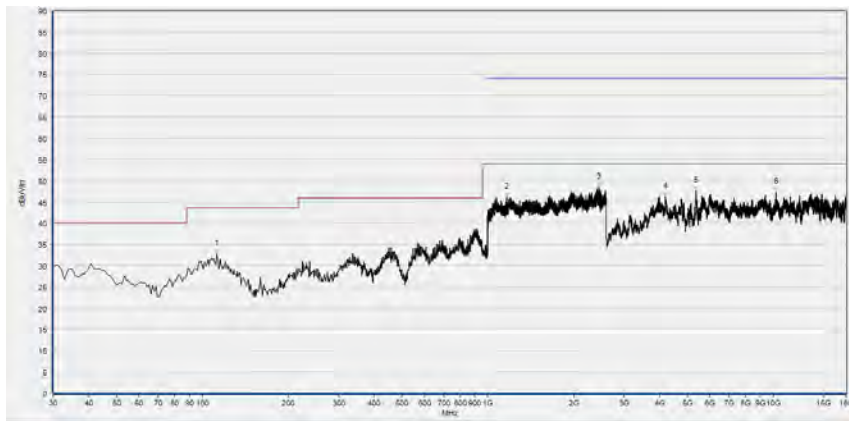
(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 110.510    | 32.17       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1172.267   | 46.08       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1972.800   | 48.21       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2824.840   | 45.32       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3986.000   | 48.20       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 13564.800  | 48.19       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

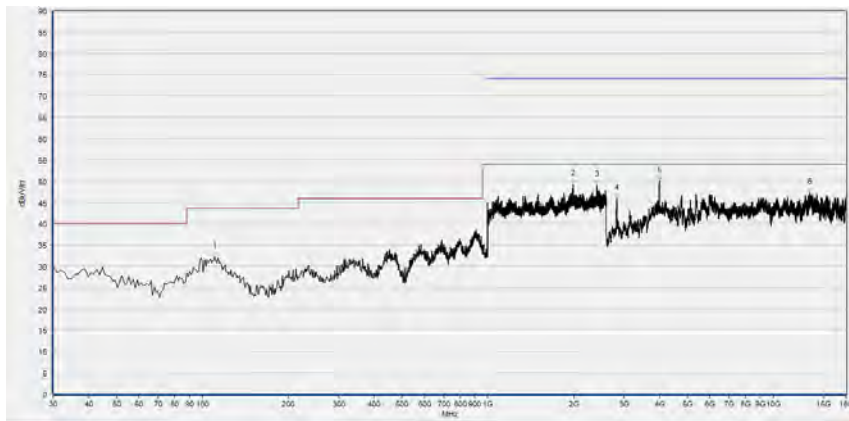
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 112.450    | 32.75       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1166.933   | 46.02       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2454.400   | 48.38       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 4192.360   | 46.30       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5365.840   | 47.68       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 10232.240  | 47.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 110.510    | 32.21       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1990.933   | 49.22       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2407.467   | 49.13       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2831.000   | 45.85       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3989.080   | 50.10       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 13453.920  | 47.24       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

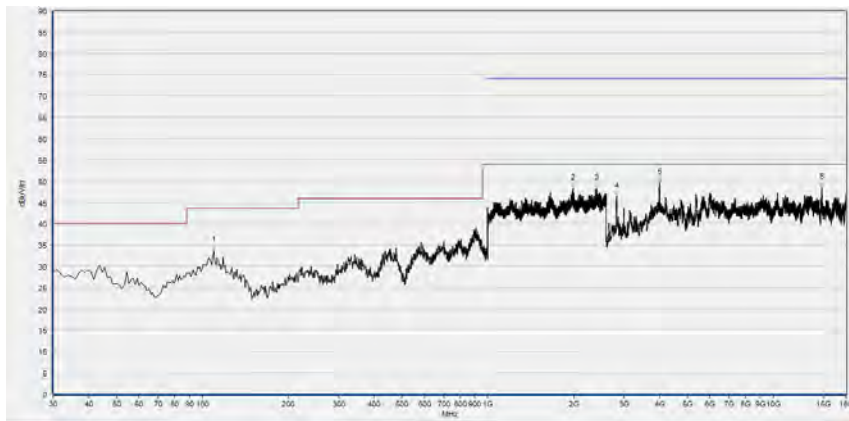
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 108.570    | 32.11       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1967.467   | 48.09       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2464.533   | 49.24       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 4195.440   | 45.72       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 6021.880   | 47.40       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 11153.160  | 46.70       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



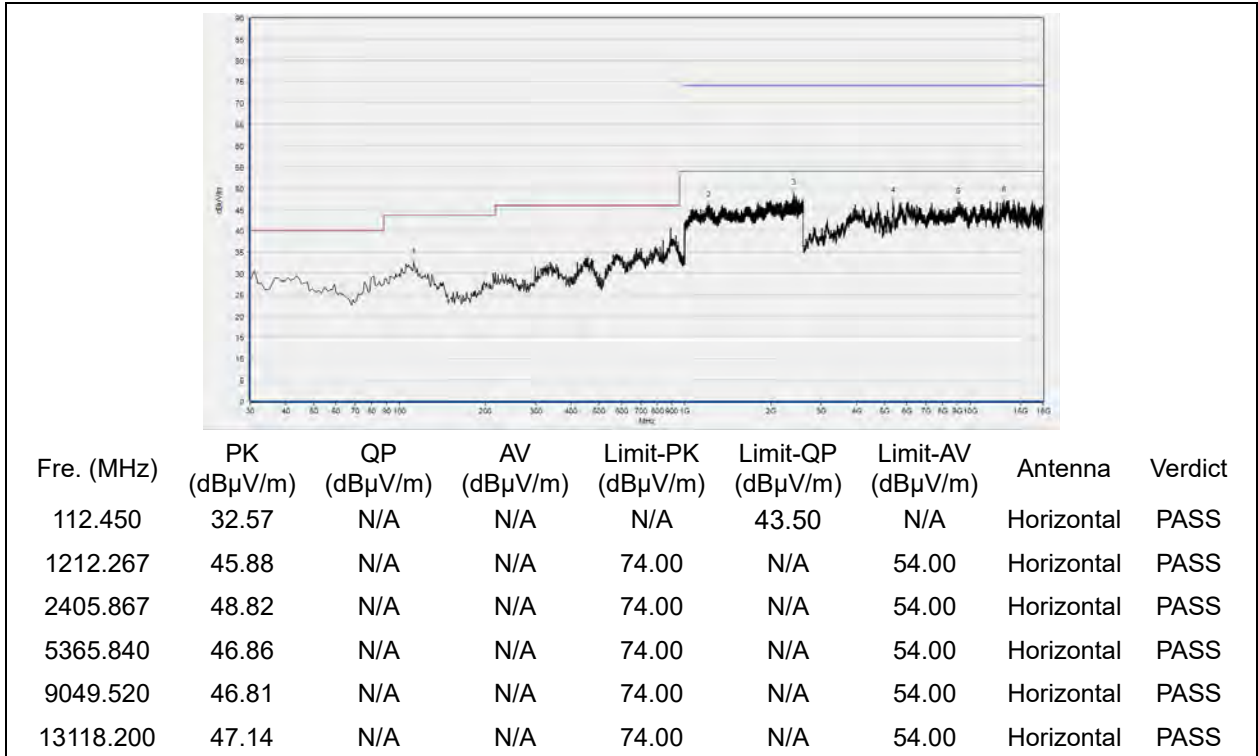
| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 109.540    | 33.70       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1995.733   | 48.26       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2411.733   | 48.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2824.840   | 46.50       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3992.160   | 49.67       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 14781.400  | 48.46       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

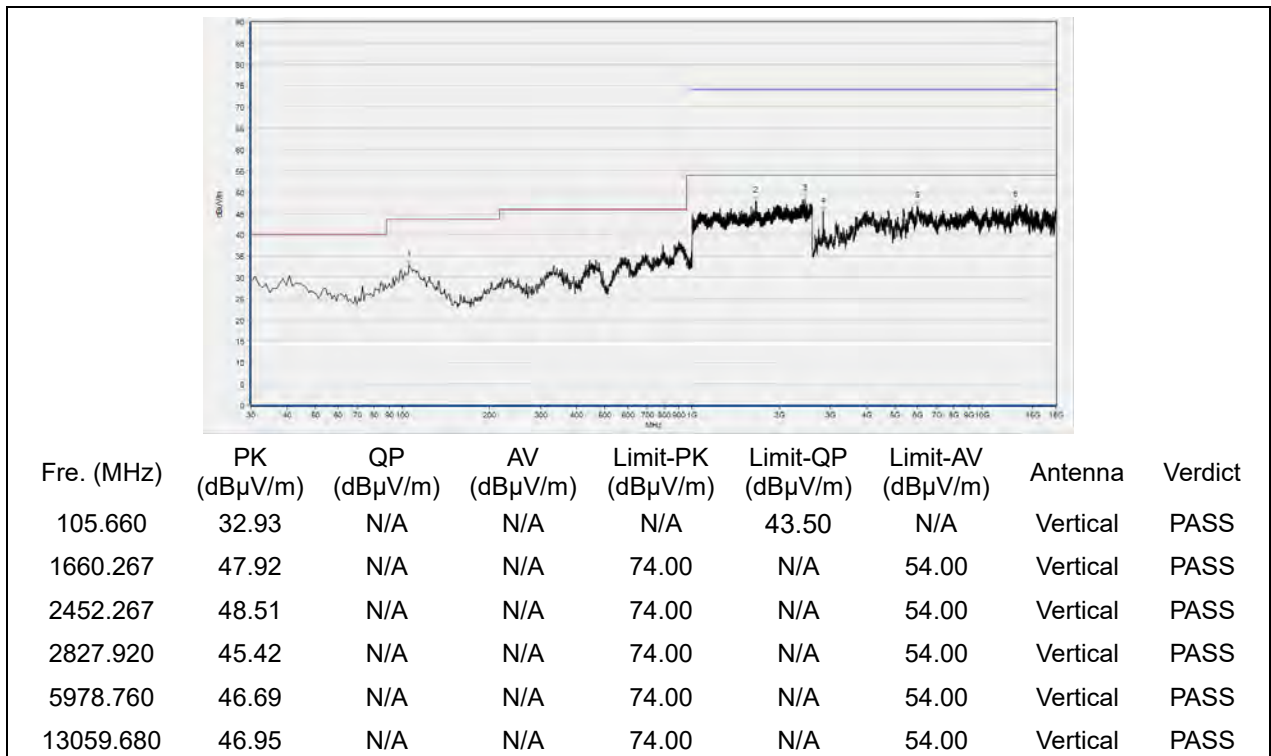


**802.11n (HT20) Mode**

**Plot for Channel 1**

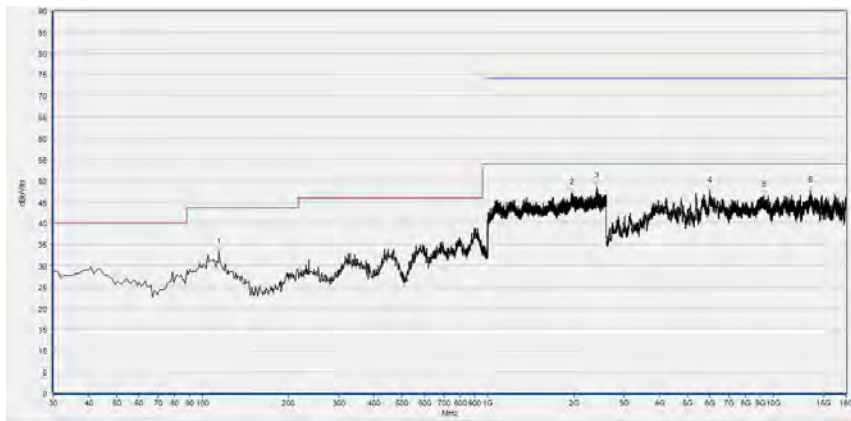


(Antenna Horizontal, 30MHz to 18GHz)



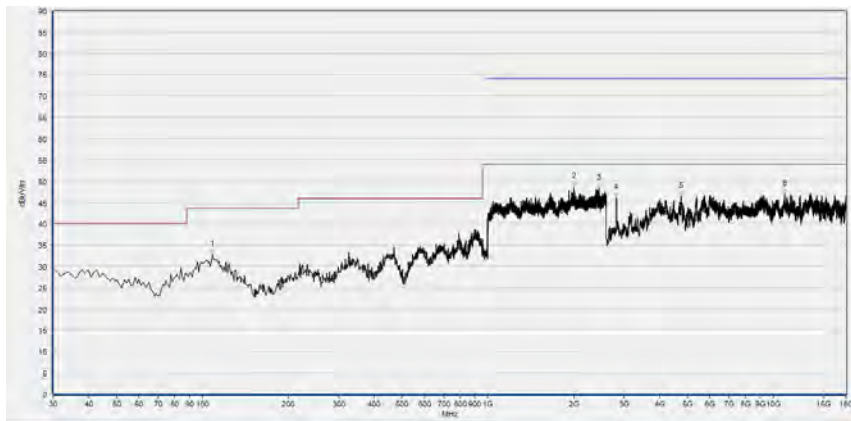
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 114.390    | 33.18       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1969.600   | 47.03       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2408.533   | 48.55       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5981.840   | 47.54       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9252.800   | 46.62       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13481.640  | 47.57       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 108.570    | 32.70       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1998.933   | 48.59       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2447.467   | 48.20       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2821.760   | 46.10       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 4756.000   | 46.37       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 10937.560  | 46.93       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

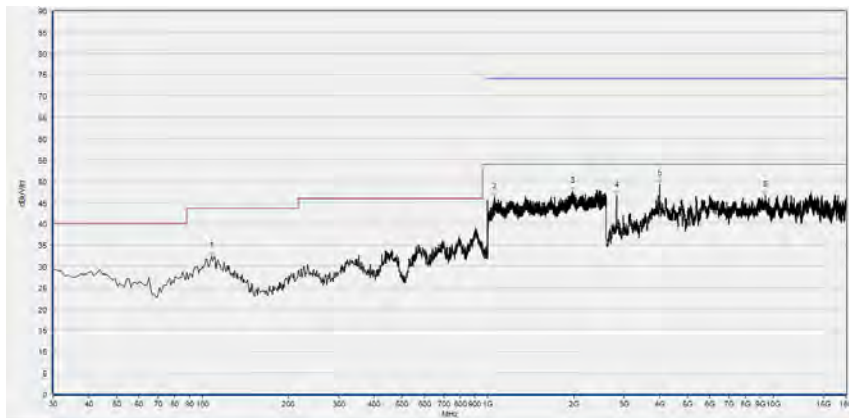


Plot for Channel 11



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 114.390    | 32.51       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1192.533   | 45.89       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1991.467   | 47.35       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5720.040   | 46.85       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 10919.080  | 48.03       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13555.560  | 47.28       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



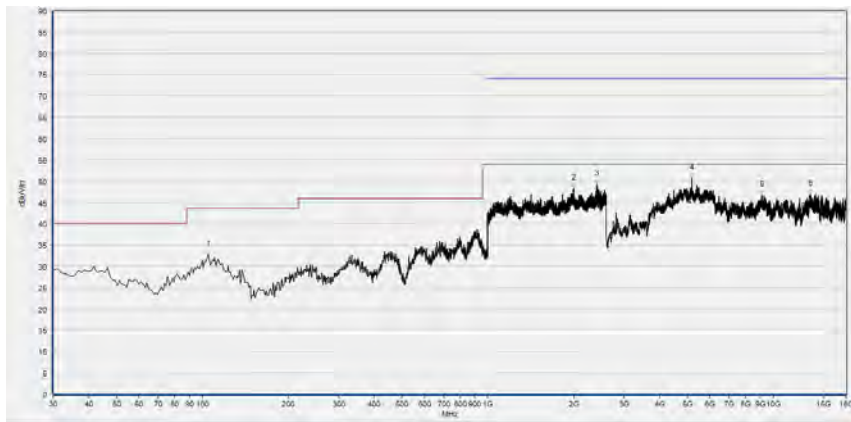
| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 107.600    | 32.40       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1058.133   | 46.31       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1980.267   | 47.52       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2824.840   | 46.60       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3995.240   | 49.27       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 9385.240   | 46.79       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)



**802.11n (HT40) Mode**

Plot for Channel 3



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 104.690    | 32.75       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1997.333   | 48.34       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2406.933   | 49.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5174.880   | 50.57       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9111.120   | 46.71       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13493.960  | 47.01       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 111.480    | 32.19       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1998.400   | 47.35       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2408.533   | 48.68       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2831.000   | 46.60       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3995.240   | 49.35       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5221.080   | 49.62       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 112.450    | 33.24       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1226.667   | 47.05       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2414.400   | 48.61       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5187.200   | 50.14       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9468.400   | 46.07       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 14183.880  | 47.47       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

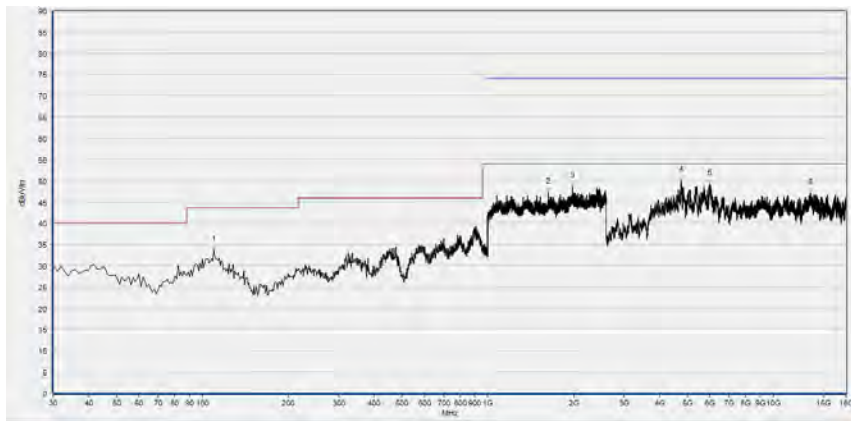
(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 110.510    | 32.52       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1354.133   | 46.85       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2411.200   | 48.95       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2824.840   | 47.09       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3982.920   | 48.72       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5405.880   | 48.80       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

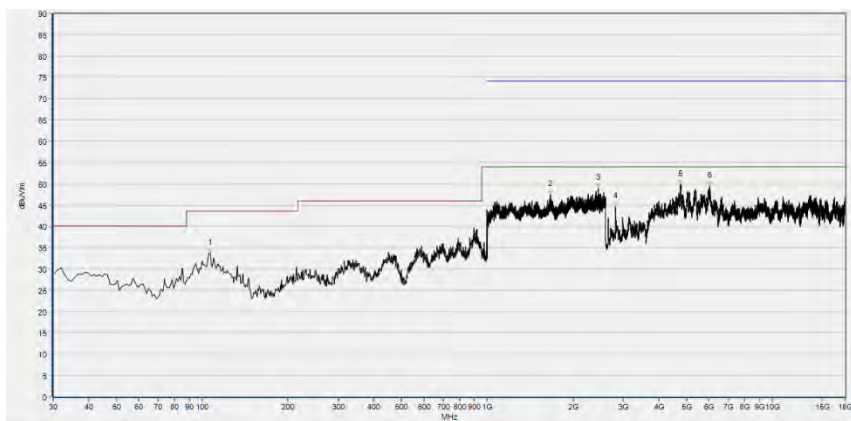
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 9



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 109.540    | 33.68       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1632.000   | 47.34       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1980.800   | 48.63       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 4749.840   | 50.10       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 6003.400   | 49.20       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13460.080  | 47.11       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



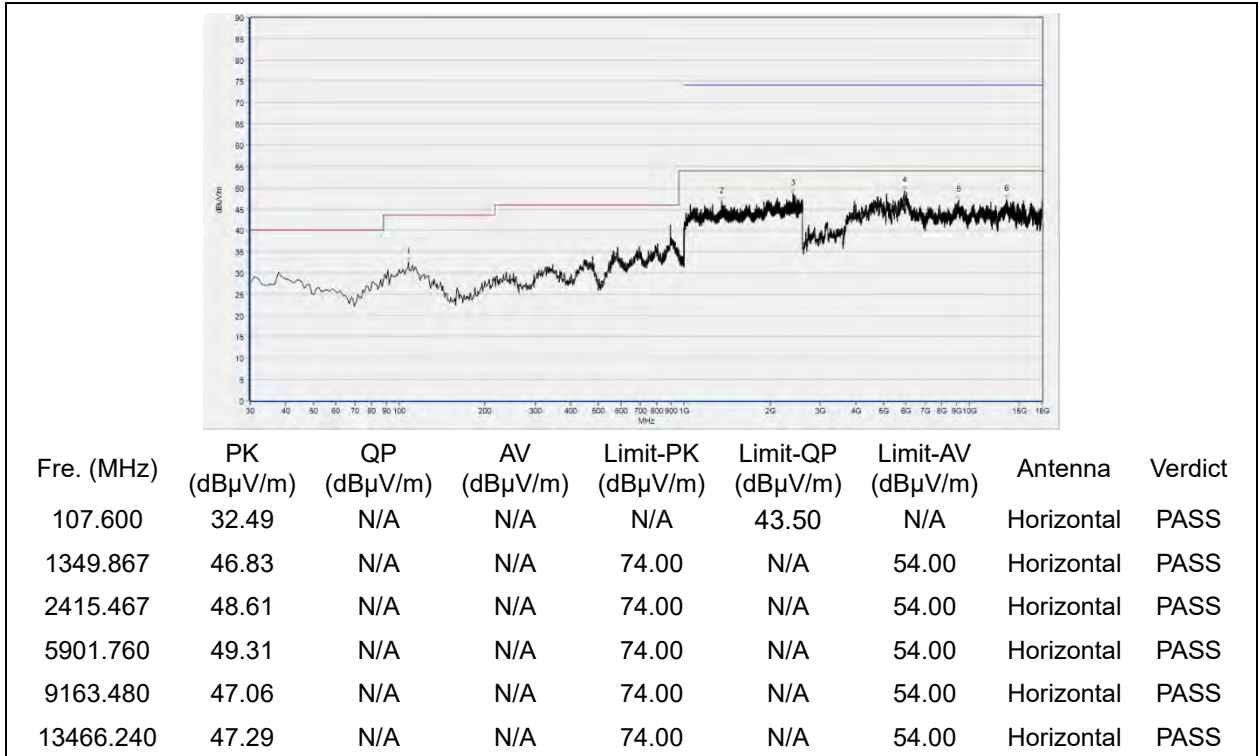
| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 106.630    | 33.73       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1665.067   | 47.42       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2452.800   | 48.92       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2821.760   | 44.54       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 4752.920   | 49.74       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 6037.280   | 49.52       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

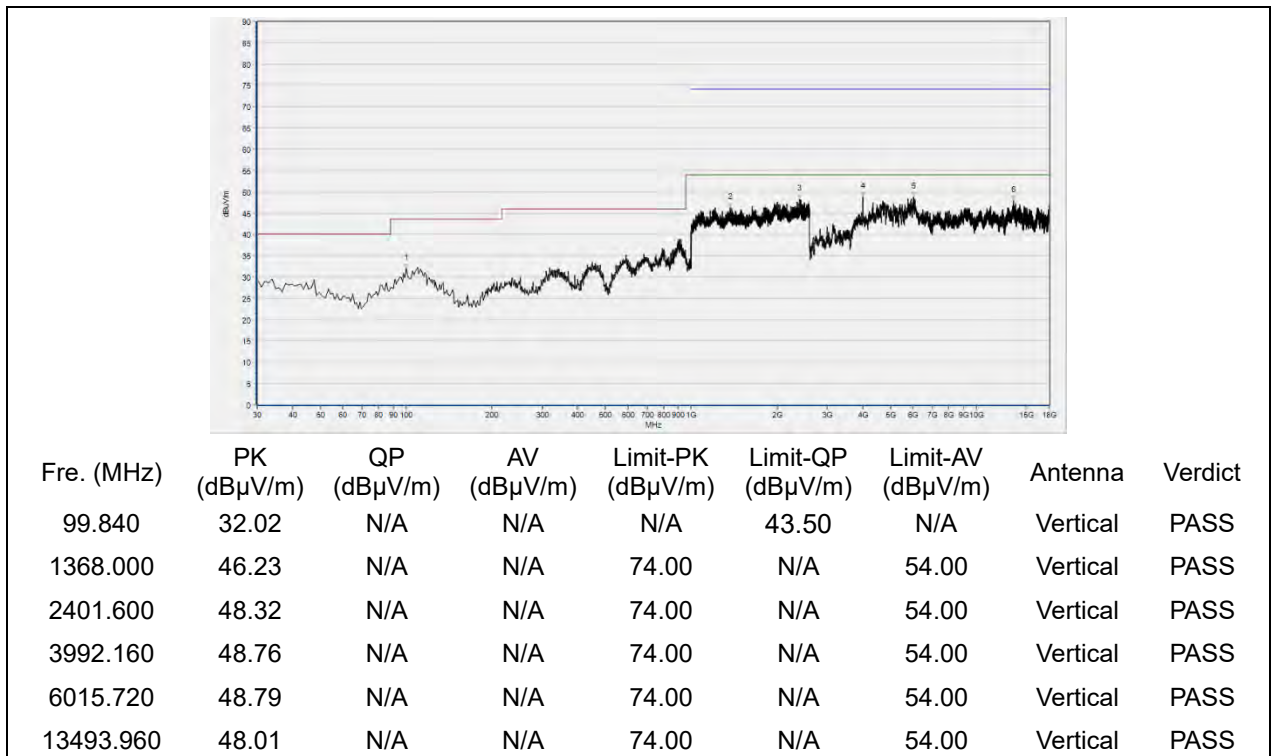


**802.11ac (VHT20) Mode**

Plot for Channel 1

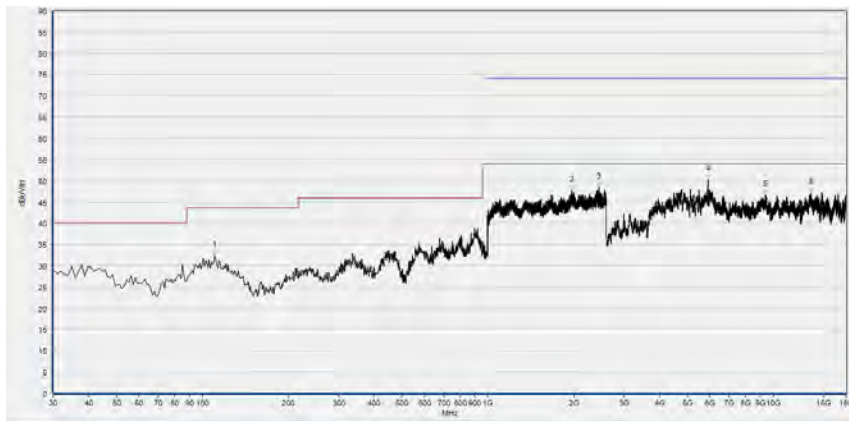


(Antenna Horizontal, 30MHz to 18GHz)



(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 110.510    | 32.38       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1971.733   | 47.77       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2448.533   | 48.41       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5901.760   | 50.35       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9369.840   | 46.81       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13574.040  | 47.17       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 114.390    | 32.52       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1660.267   | 47.51       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2821.760   | 44.89       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3326.880   | 44.69       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 4756.000   | 49.15       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5895.600   | 48.79       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

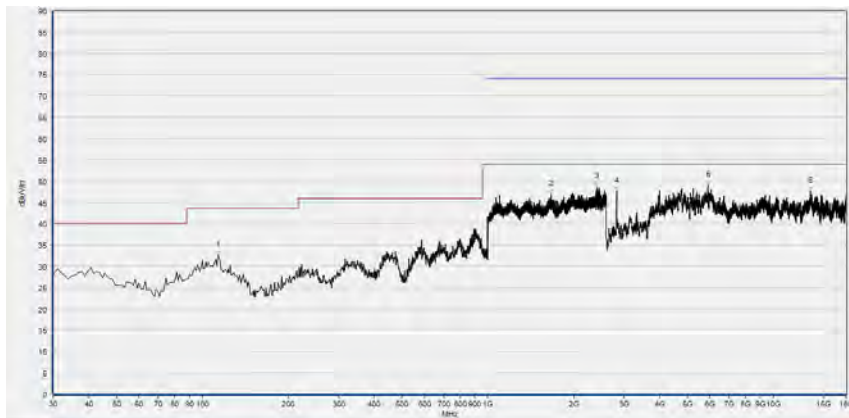
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 113.420    | 31.51       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1943.467   | 47.68       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2451.733   | 48.93       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5889.440   | 48.24       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9089.560   | 46.58       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13580.200  | 46.84       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 113.420    | 32.59       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1663.467   | 46.98       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2406.933   | 48.57       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2824.840   | 47.67       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5901.760   | 48.94       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 13497.040  | 47.62       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)



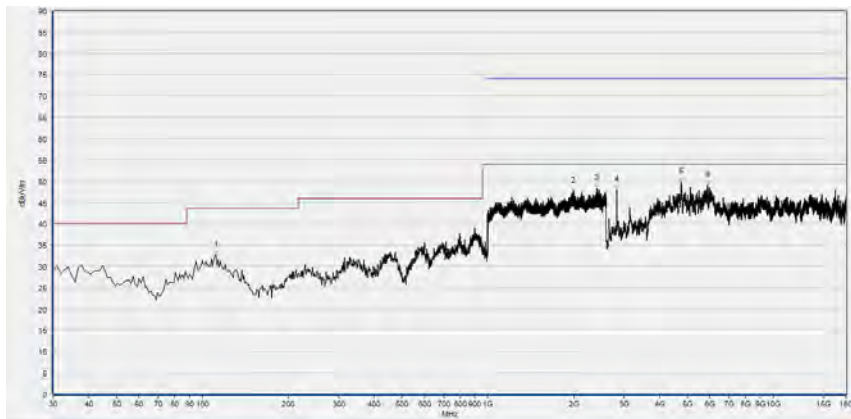
**802.11ac (VHT40) Mode**

Plot for Channel 3



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 110.510    | 32.44       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1226.667   | 46.97       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2387.200   | 49.14       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5904.840   | 49.50       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9456.080   | 47.60       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13481.640  | 47.14       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 111.480    | 32.60       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1992.533   | 47.64       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2405.333   | 48.22       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2827.920   | 47.94       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 4765.240   | 49.76       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5892.520   | 48.91       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

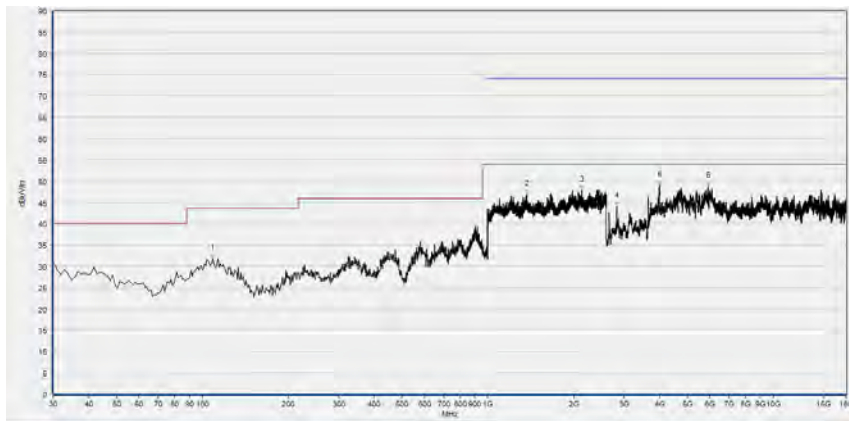


Plot for Channel 6



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 113.420    | 33.09       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1339.733   | 47.33       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2406.933   | 49.49       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 4672.840   | 48.52       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5886.360   | 48.77       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 10404.720  | 46.88       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

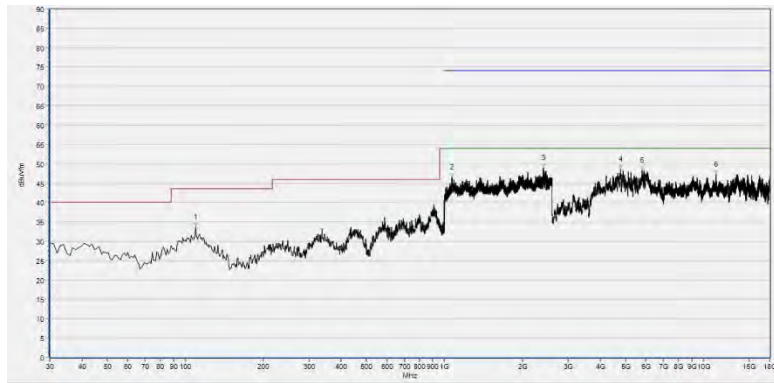
(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 108.570    | 31.89       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1371.200   | 46.88       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2128.533   | 47.97       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2824.840   | 44.05       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3992.160   | 48.87       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5901.760   | 48.76       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

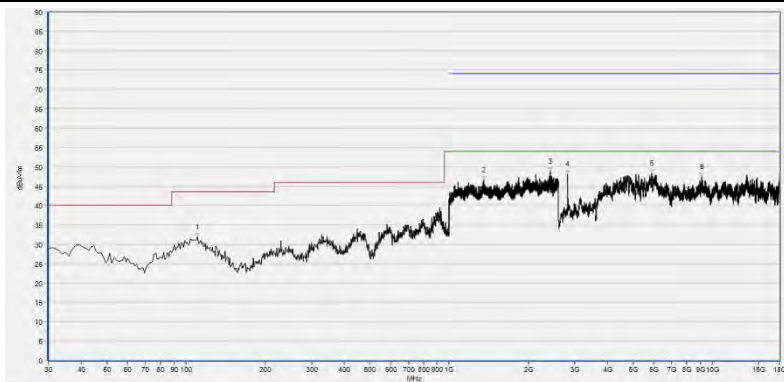
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 9



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 109.540    | 33.68       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 1069.867   | 46.57       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2411.200   | 48.86       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 4783.720   | 48.66       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5790.880   | 48.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 11137.760  | 47.20       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBµV/m) | QP (dBµV/m) | AV (dBµV/m) | Limit-PK (dBµV/m) | Limit-QP (dBµV/m) | Limit-AV (dBµV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 110.510    | 31.83       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 1354.133   | 46.56       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2417.067   | 48.77       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2821.760   | 48.17       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5895.600   | 48.34       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 9092.640   | 47.49       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

————— END OF REPORT —————