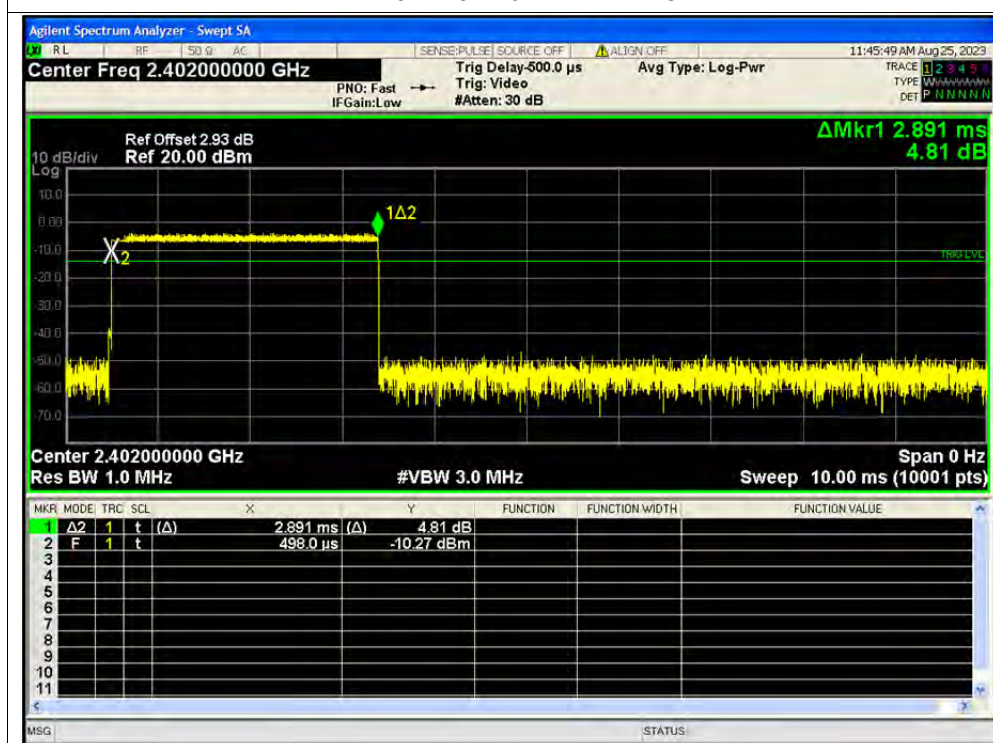




## Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



## Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



**A.8. Conducted Spurious Emissions**

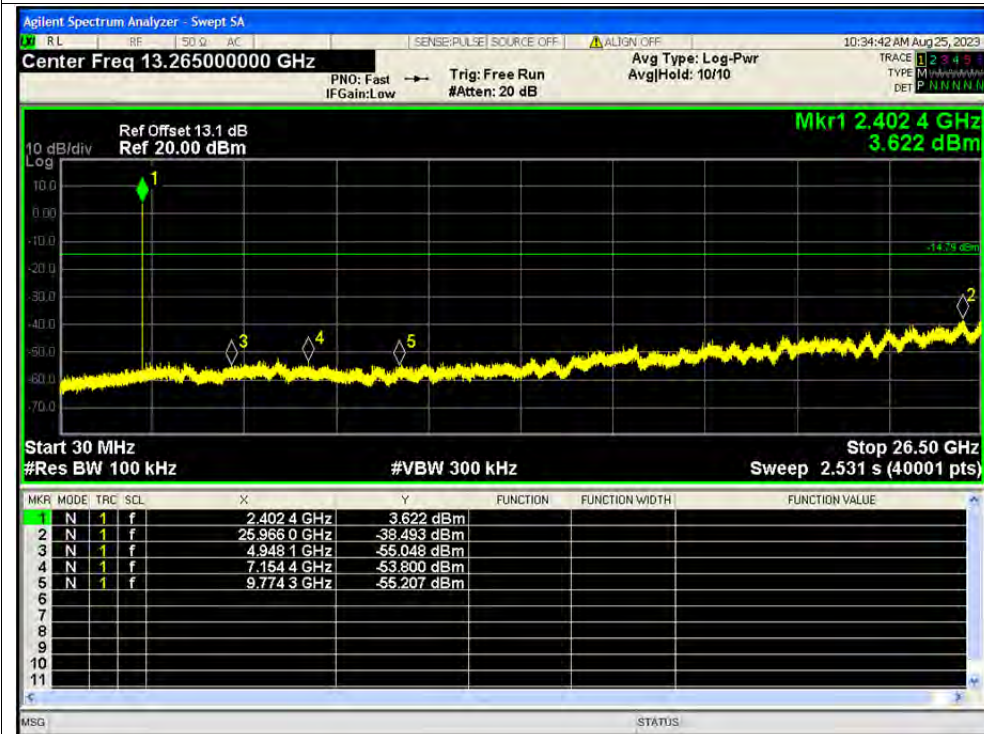
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -43.7           | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -43.3           | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -42.77          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -41.77          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -41.8           | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -41.1           | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -42.41          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -41.34          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -42.48          | -20         | Pass    |

## Test Graphs

## Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



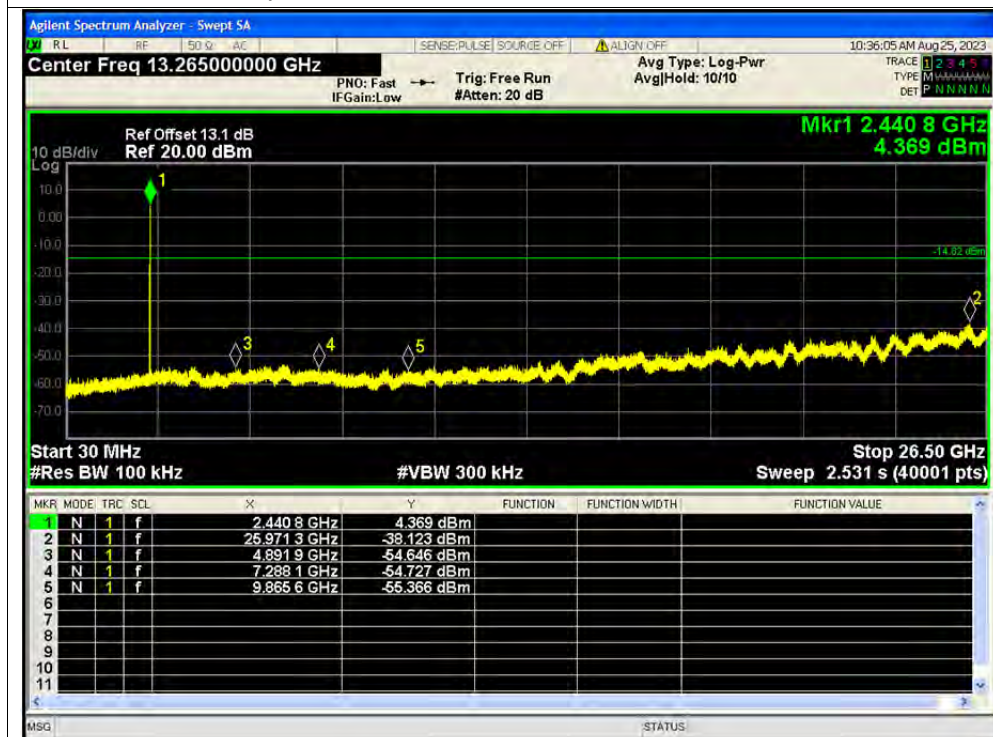
## Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



## Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



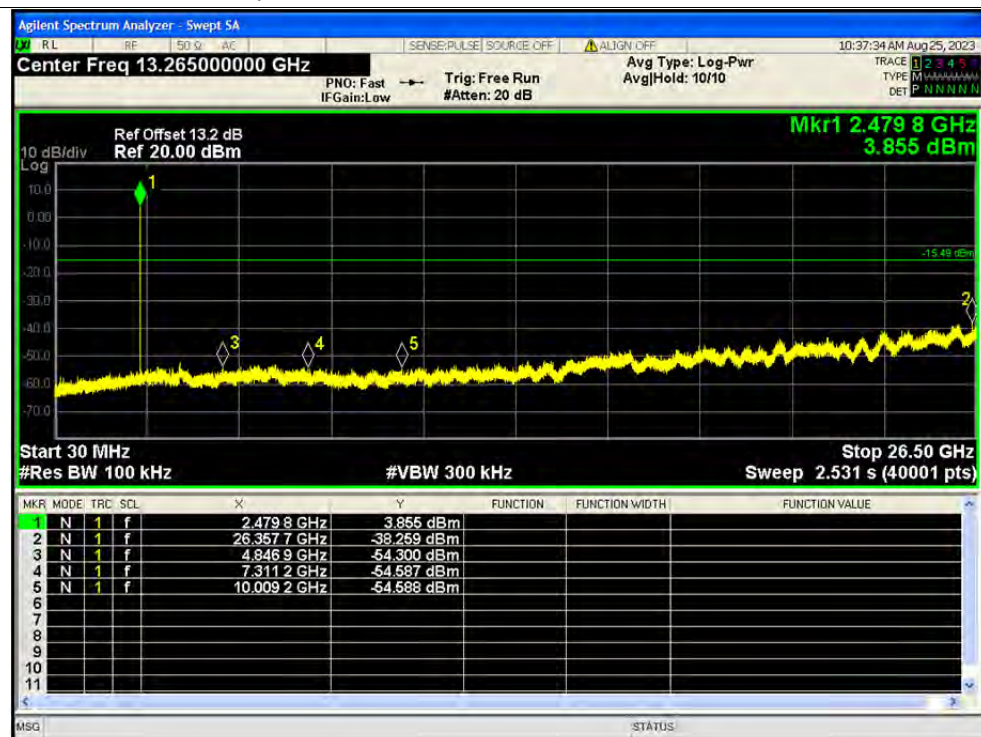
## Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



## Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



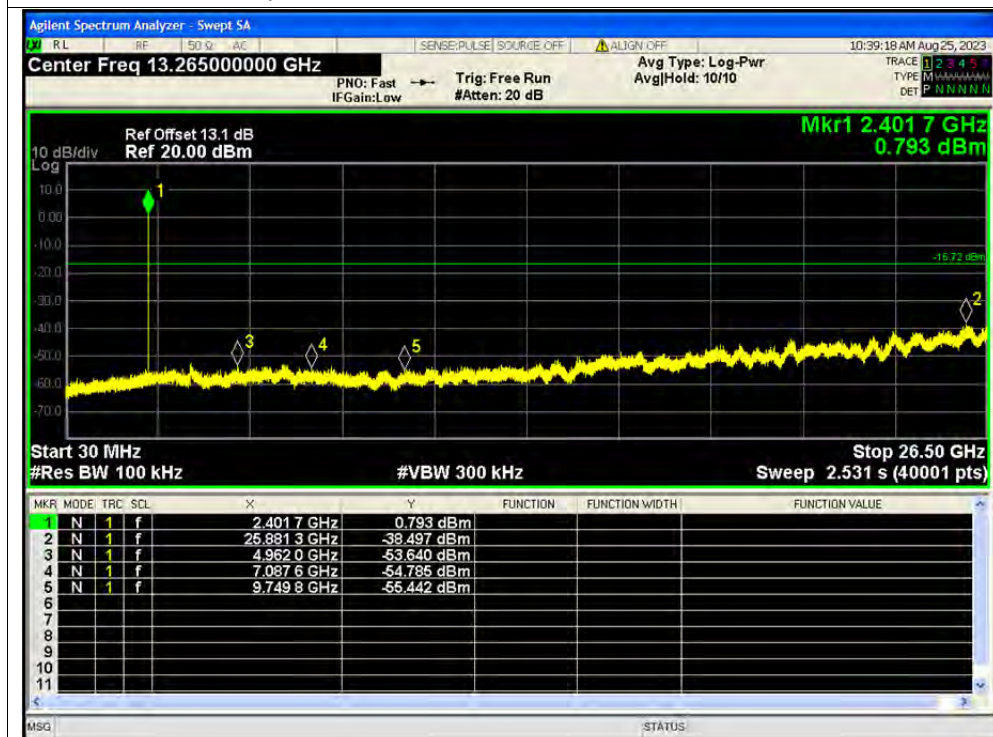
## Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



## Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



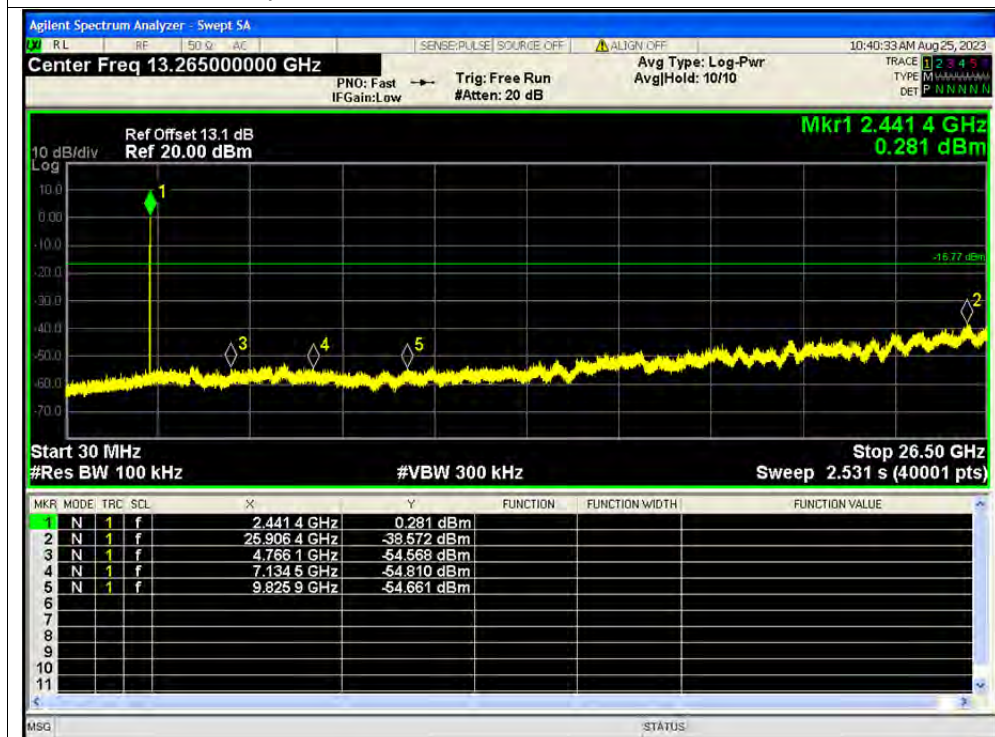
## Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



## Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



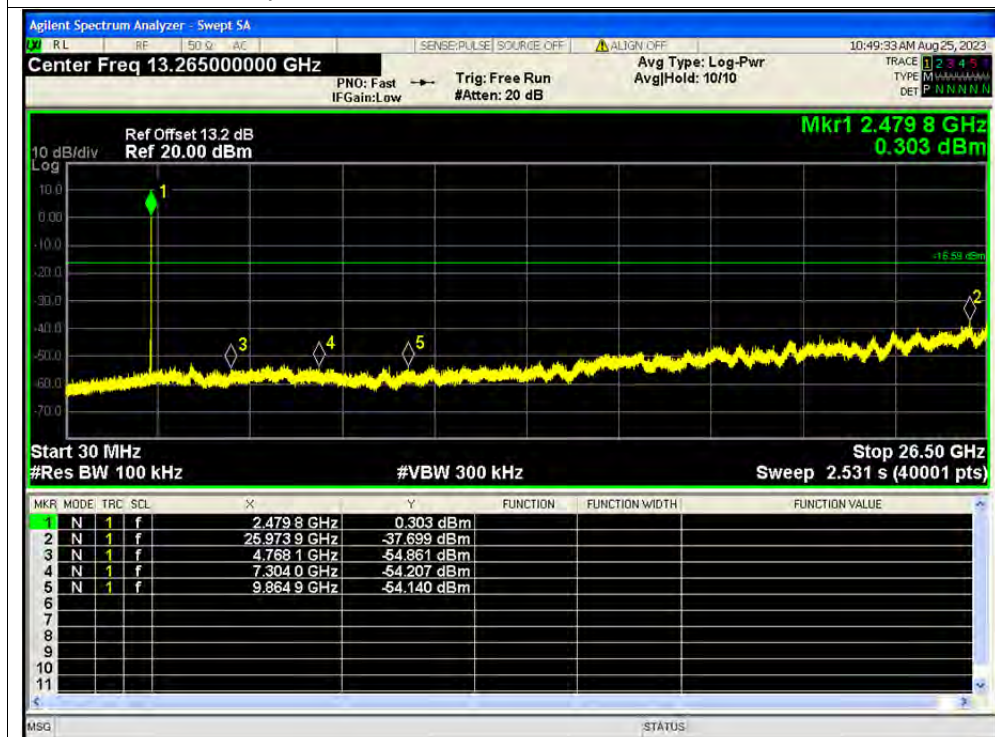
## Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



## Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



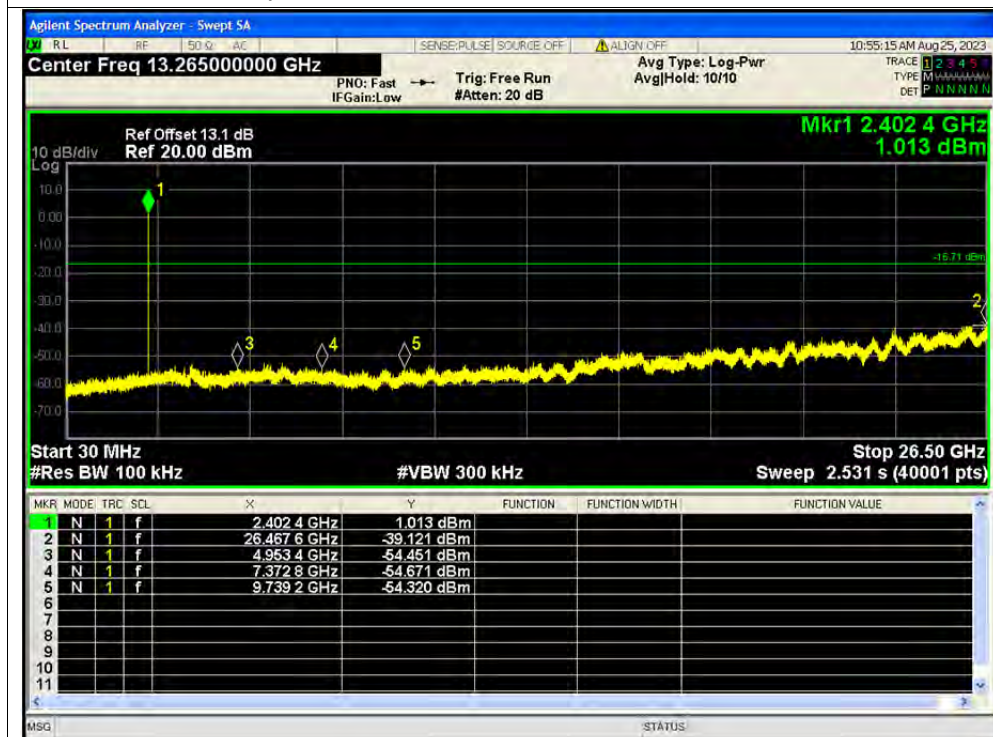
## Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



## Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



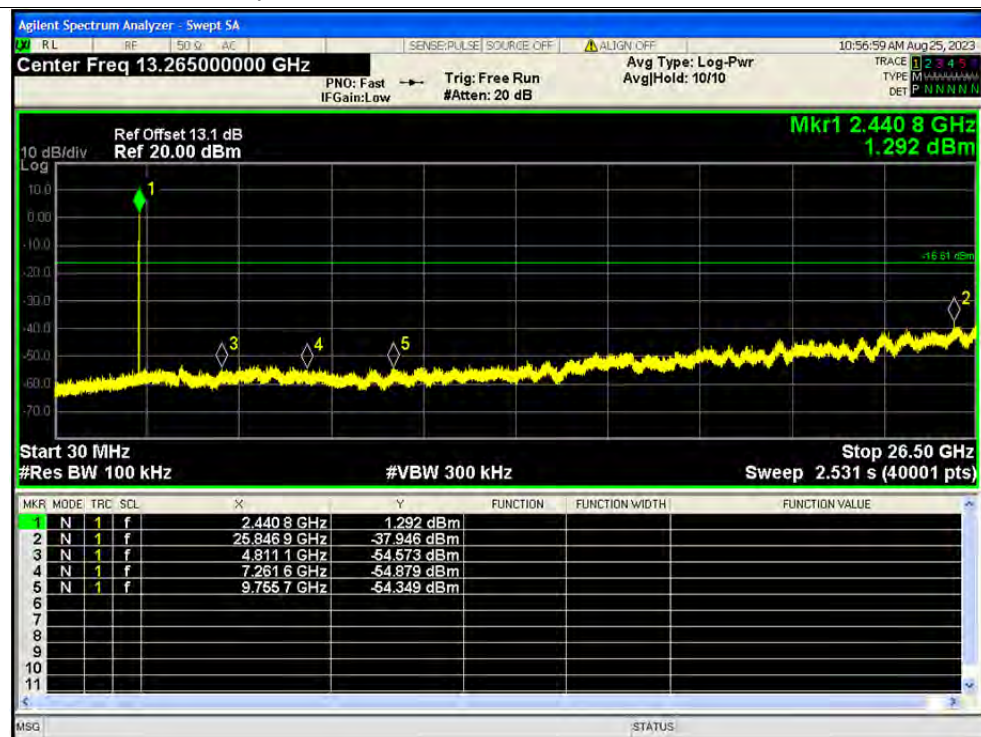
## Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



## Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



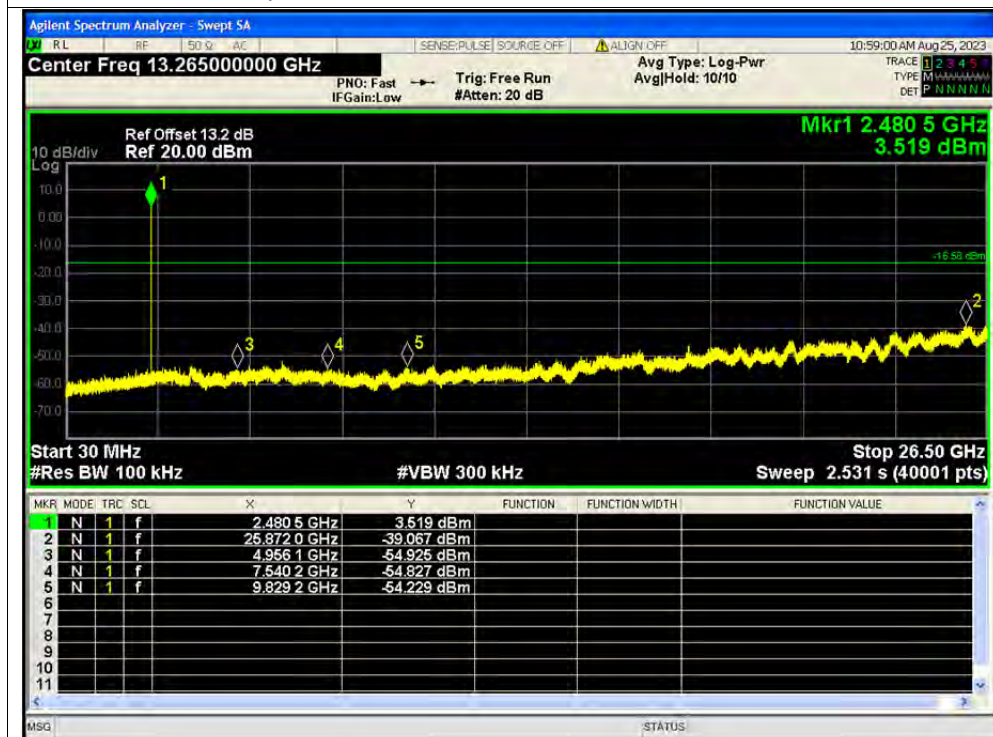
## Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



## Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



## Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

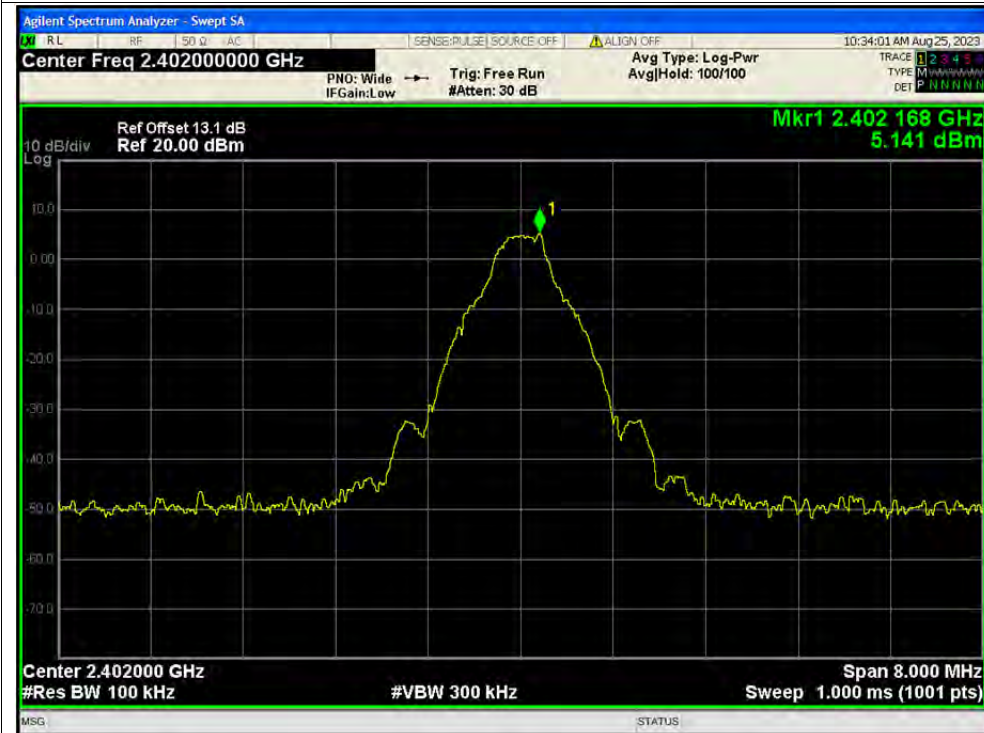


**A.9. Band Edge**

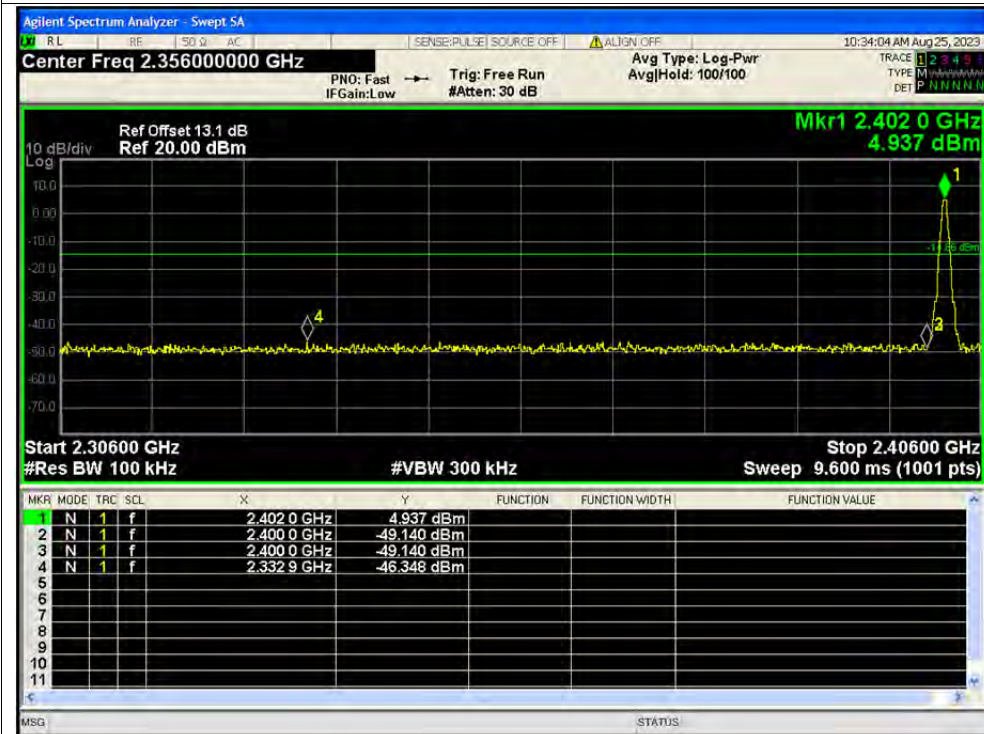
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -51.48          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -50.44          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | -47.13          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | -49.34          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | -48.05          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | -48.64          | -20         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -49.57          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -49.76          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | Hopping      | -42.05          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | Hopping      | -48.31          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | Hopping      | -47.84          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | Hopping      | -48.38          | -20         | Pass    |

## Test Graphs

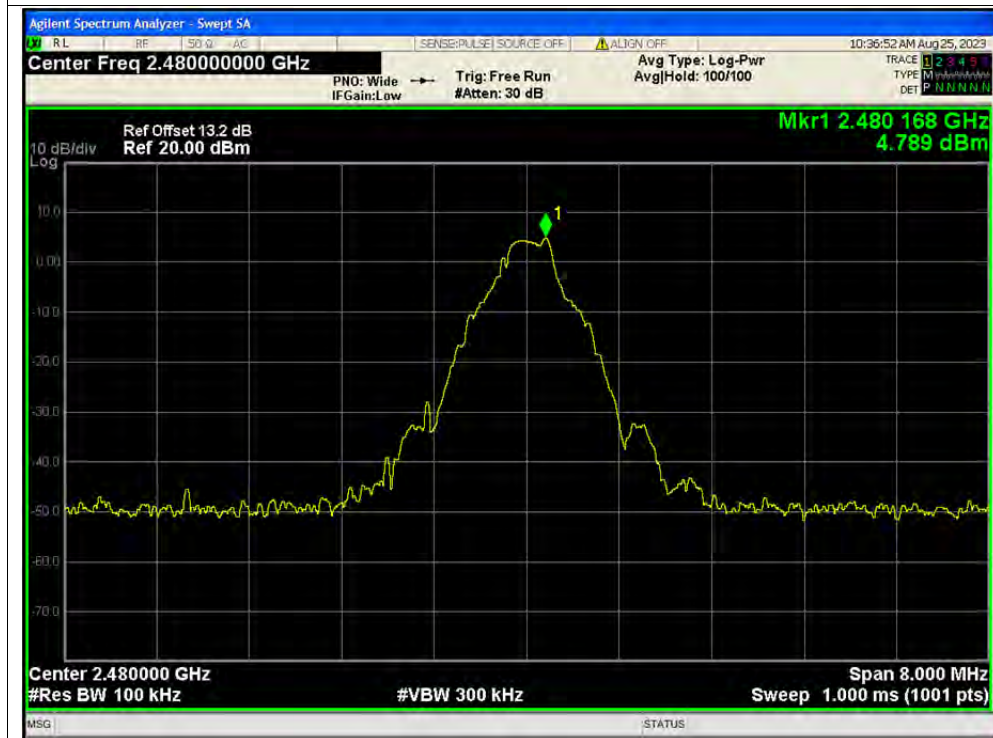
## Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



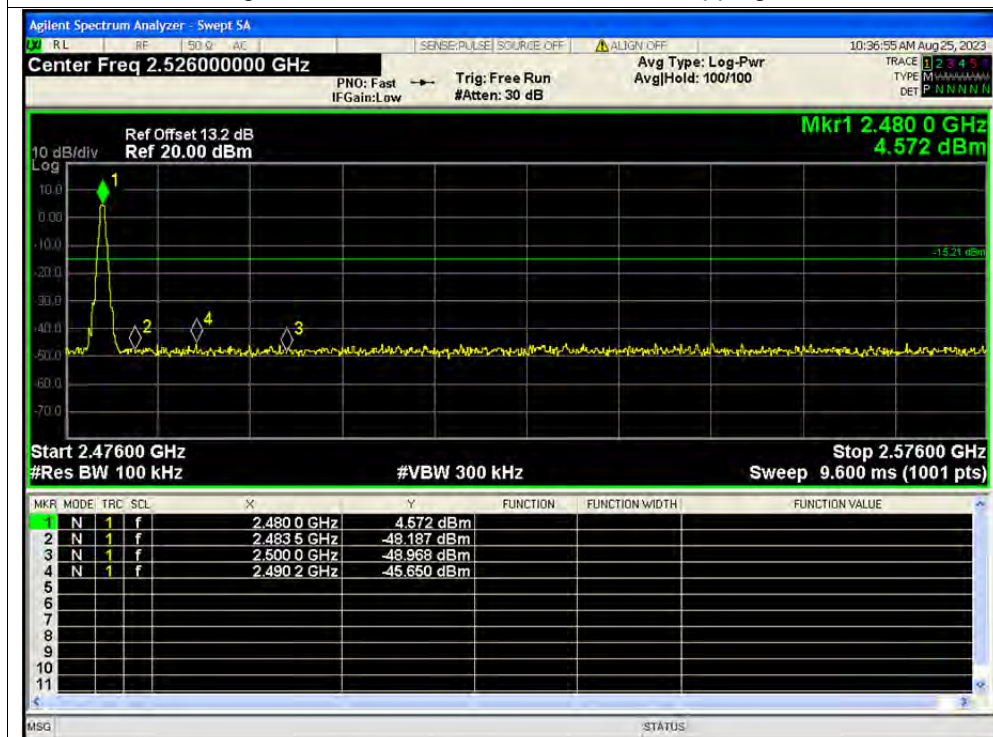
## Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



### Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

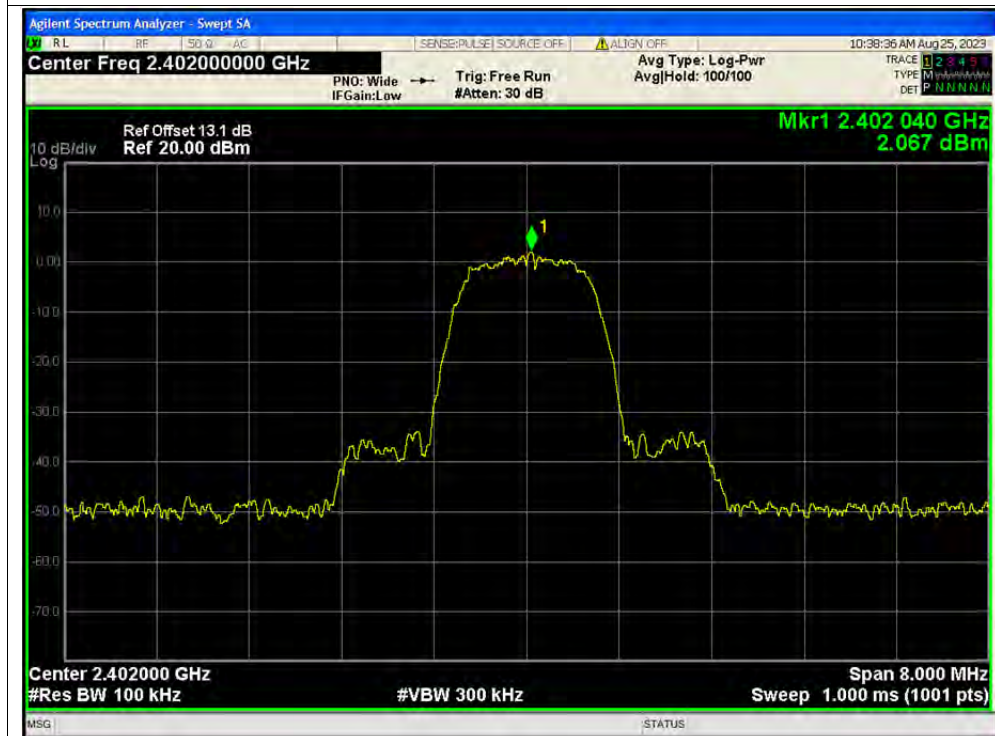


### Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

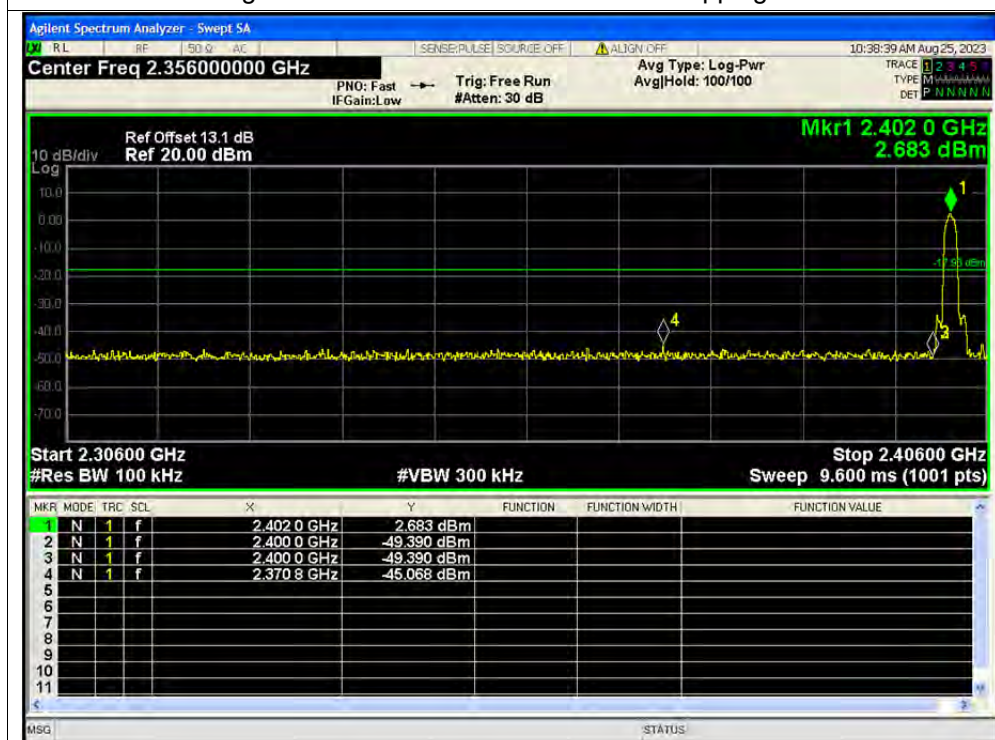




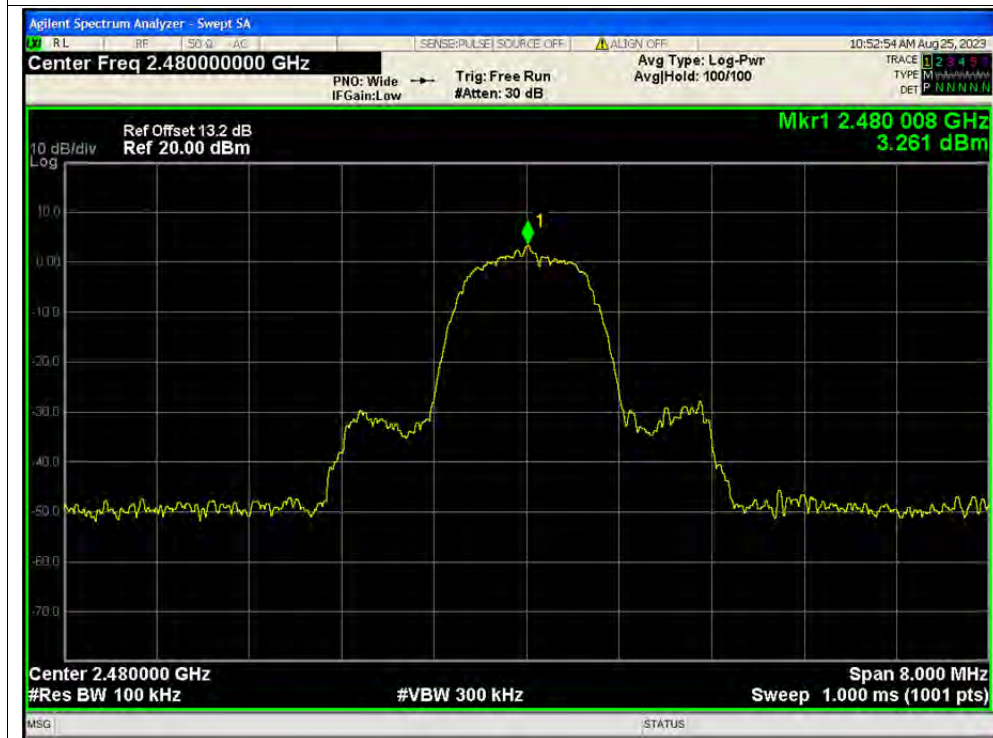
## Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



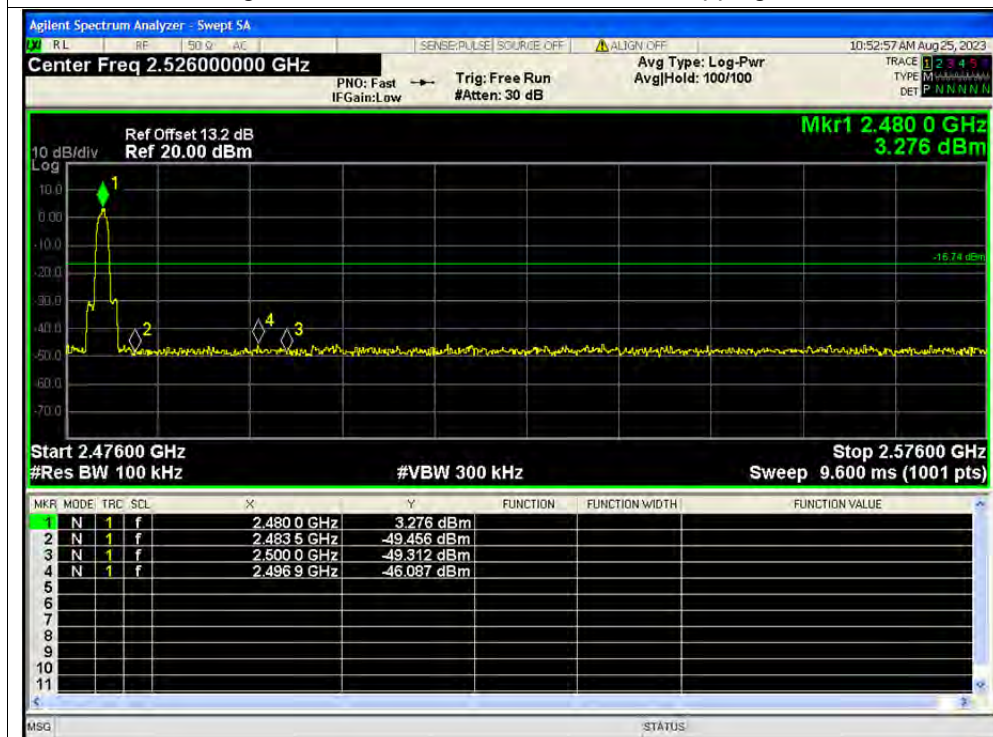
## Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



### Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

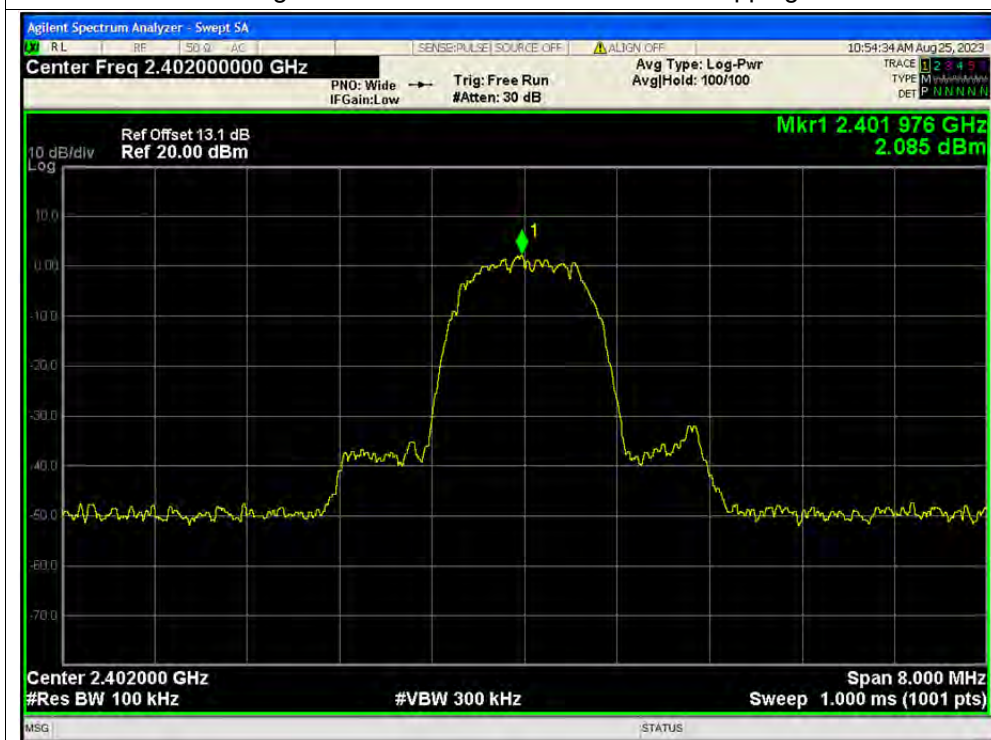


### Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

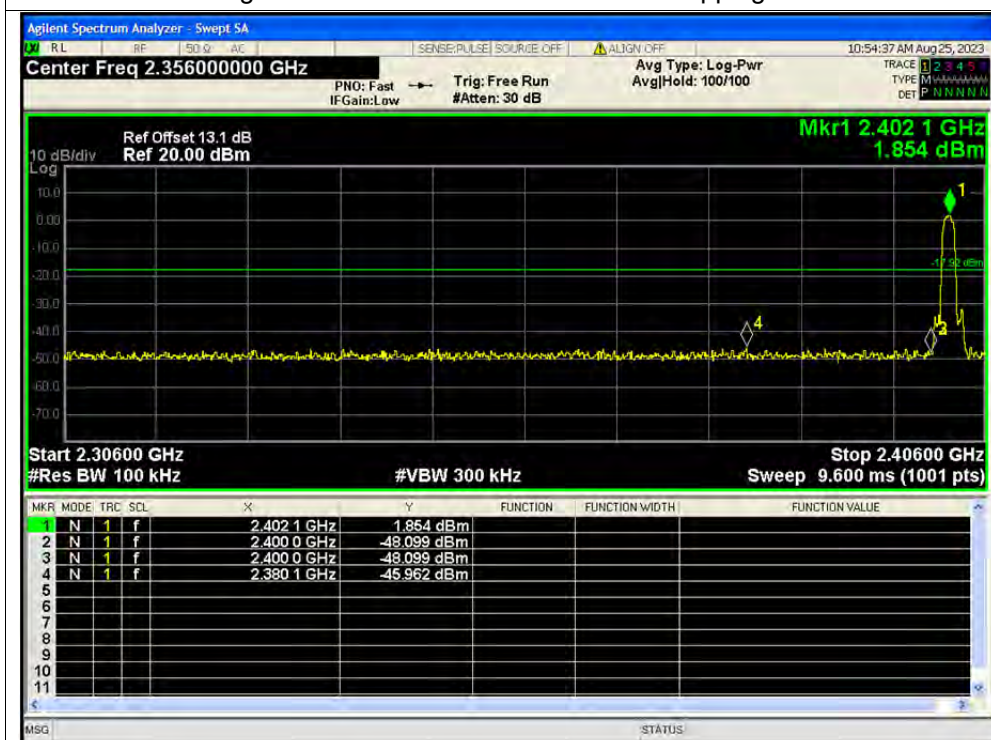




## Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



## Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

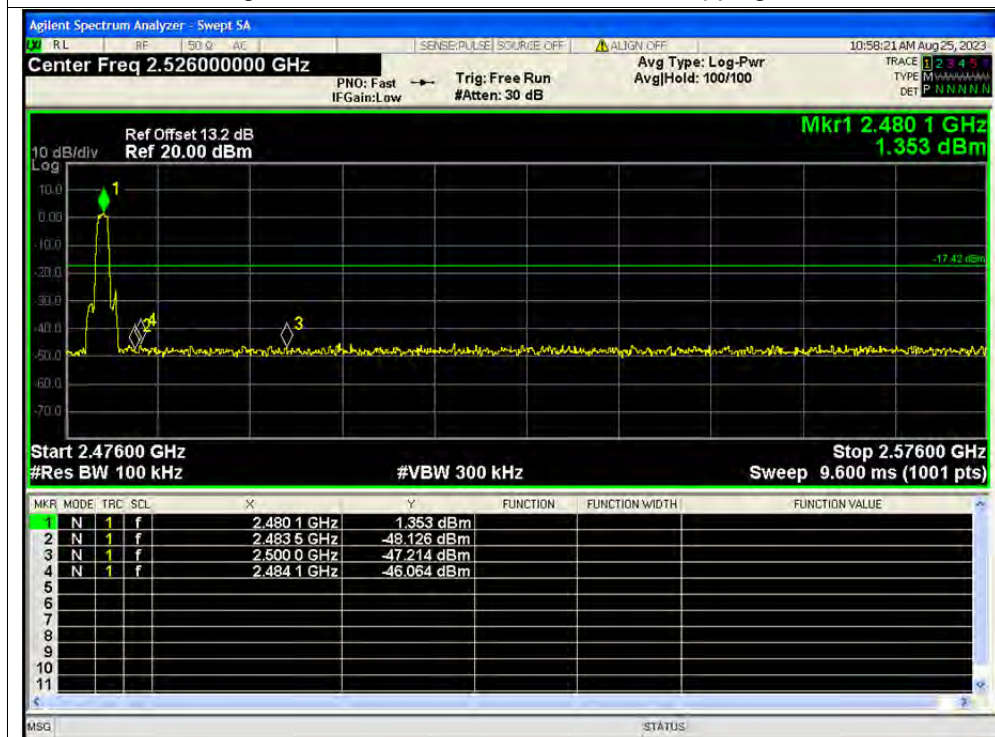




## Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



## Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

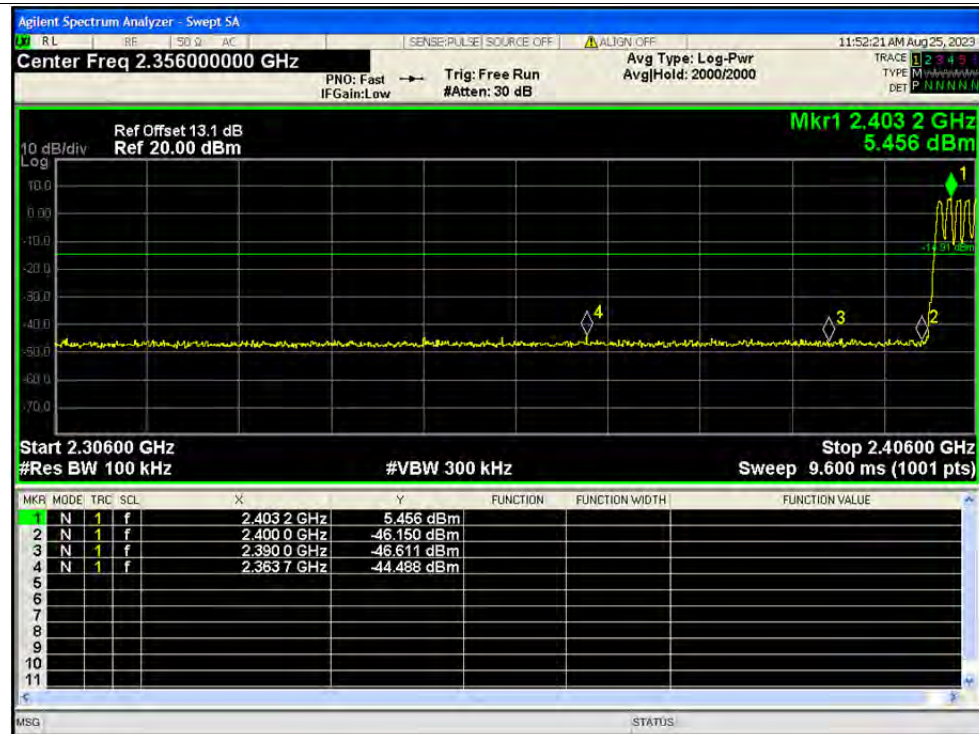


## Test Graphs

## Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



## Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

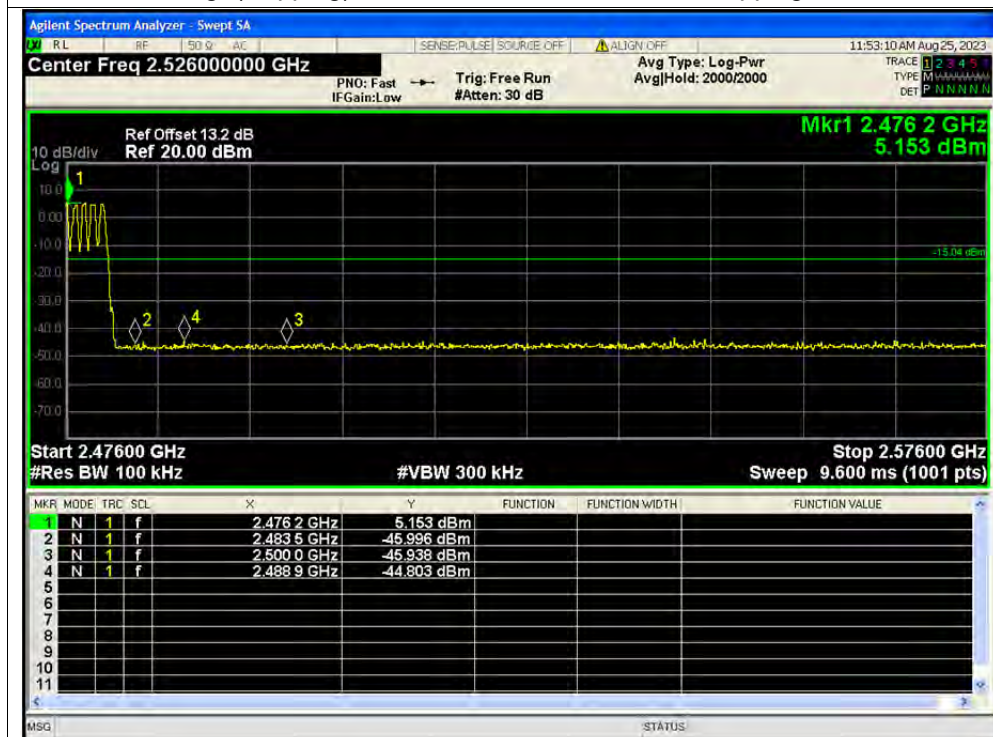




## Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



## Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

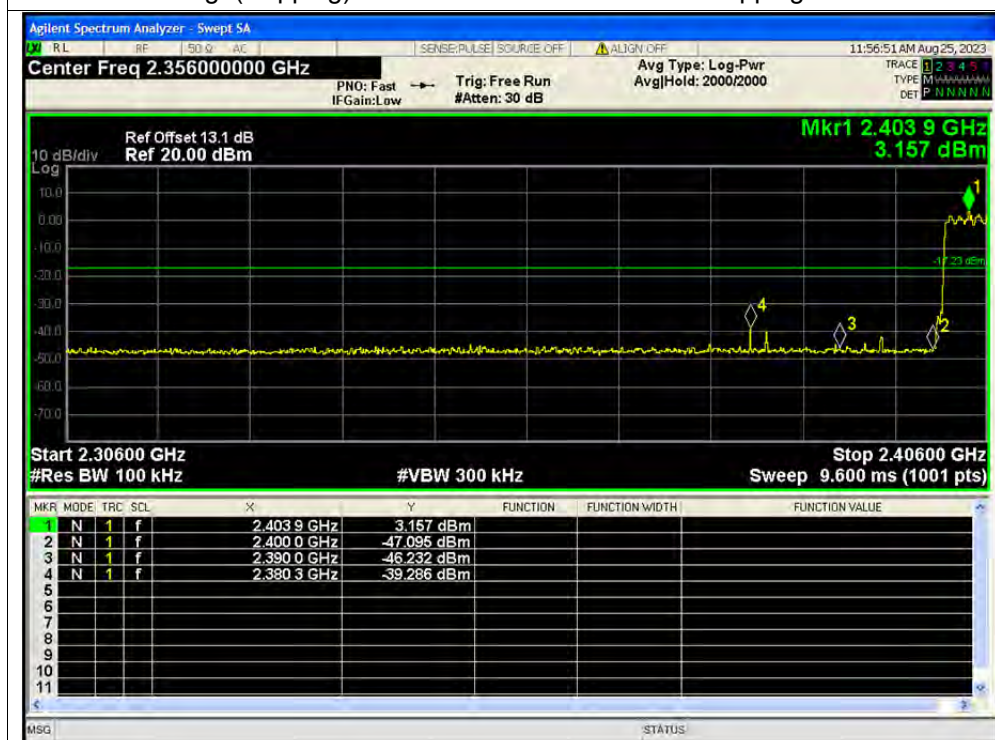




## Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



## Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

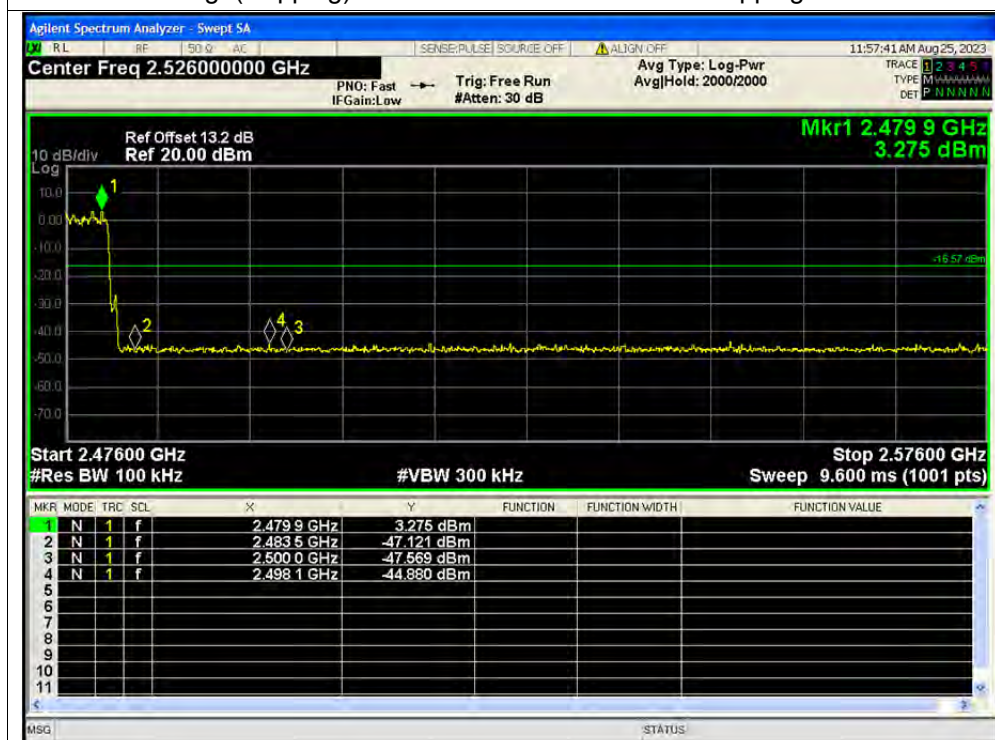




## Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



## Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

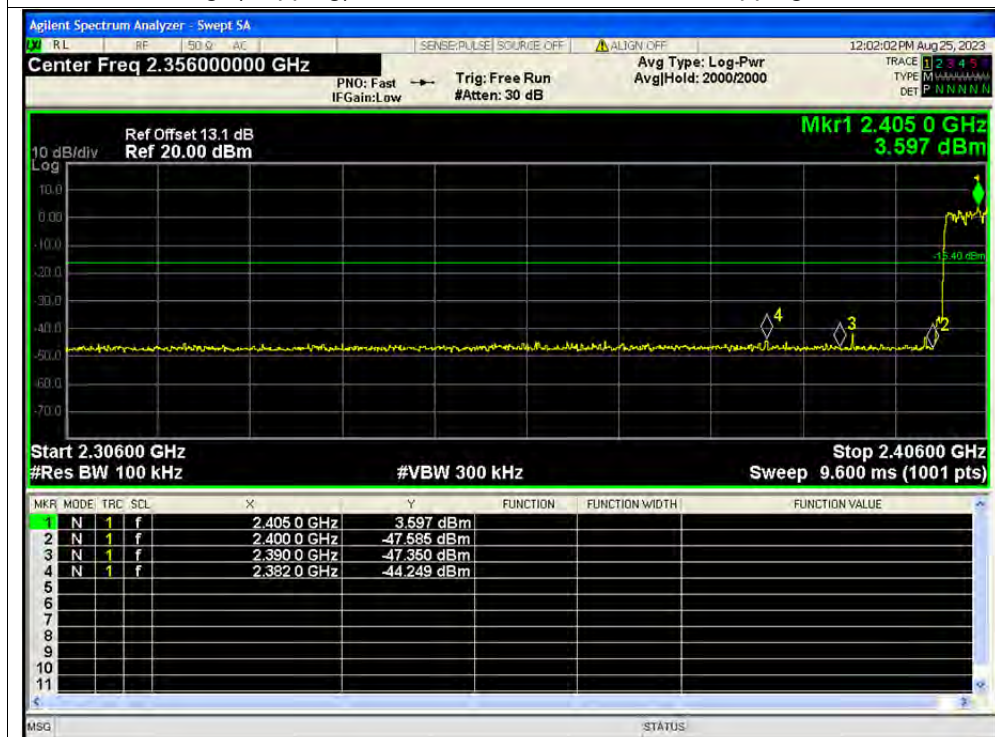




## Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



## Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

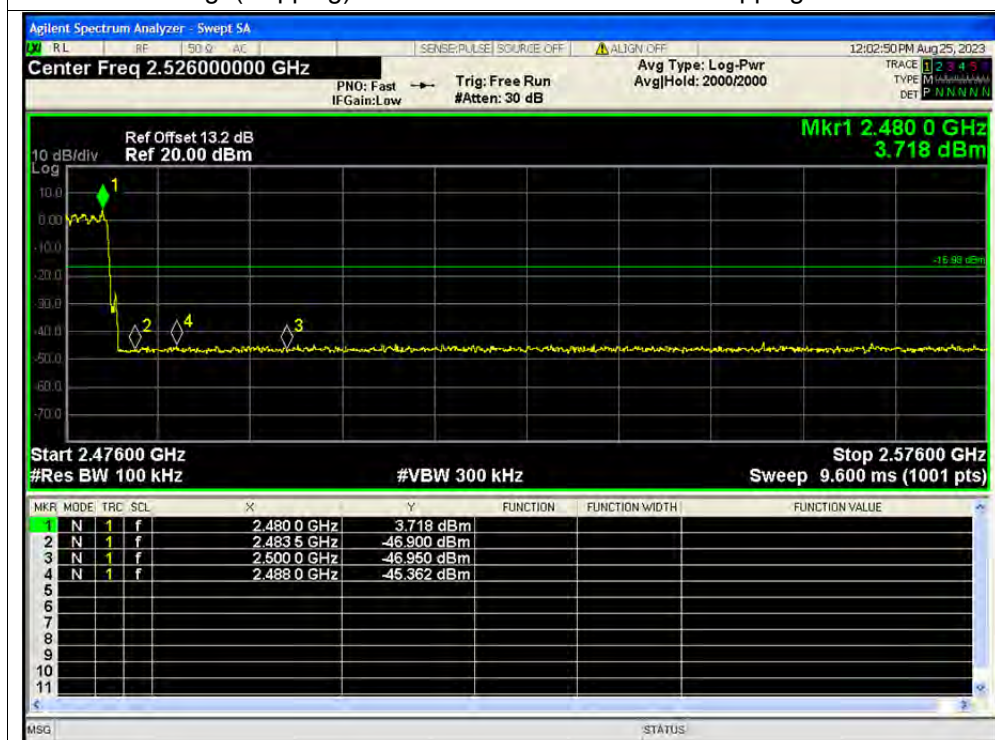




## Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



## Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission





#### A.10. 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+Adapter+PC+PC Adapter+BT TX

Test voltage: AC 120V/60Hz

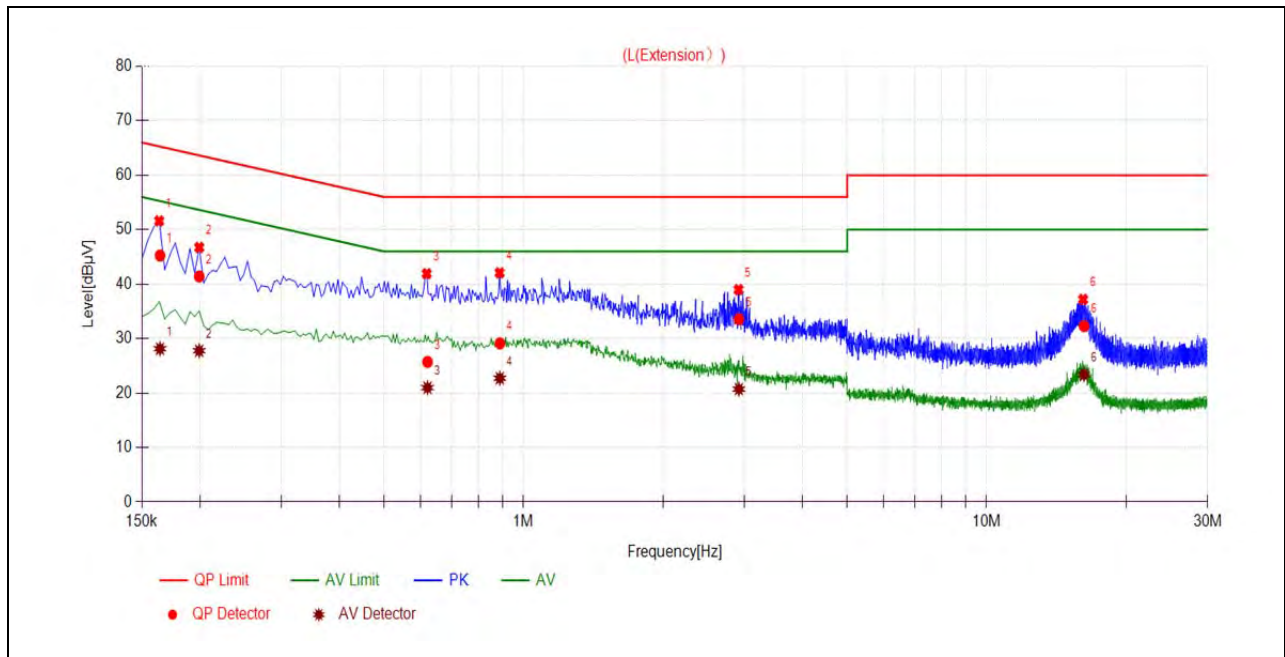
The measurement results are obtained as below:

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

$U_R$ : Receiver Reading

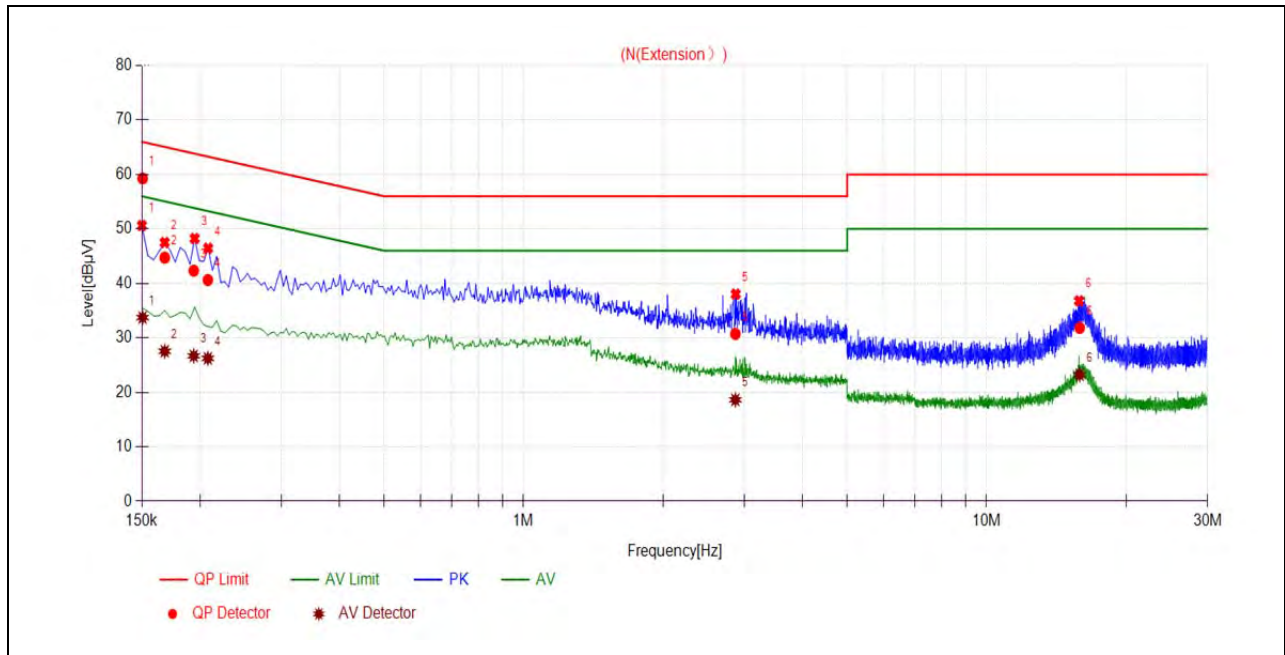
$A_{\text{Factor}}$ : Voltage division factor of LISN

## B. Test Plot:



(L Phase)

| No. | Fre.<br>(MHz) | Emission Level (dBμV) |         | Limit (dBμV) |         | Power-line | Verdict |
|-----|---------------|-----------------------|---------|--------------|---------|------------|---------|
|     |               | Quai-peak             | Average | Quai-peak    | Average |            |         |
| 1   | 0.1641        | 45.25                 | 28.14   | 65.25        | 55.25   | Line       | PASS    |
| 2   | 0.1994        | 41.42                 | 27.76   | 63.64        | 53.64   |            | PASS    |
| 3   | 0.6205        | 25.72                 | 20.98   | 56.00        | 46.00   |            | PASS    |
| 4   | 0.8891        | 29.12                 | 22.72   | 56.00        | 46.00   |            | PASS    |
| 5   | 2.9178        | 33.56                 | 20.72   | 56.00        | 46.00   |            | PASS    |
| 6   | 16.2218       | 32.31                 | 23.39   | 60.00        | 50.00   |            | PASS    |



(N Phase)

| No. | Fre.<br>(MHz) | Emission Level (dBμV) |         | Limit (dBμV) |         | Power-line | Verdict |
|-----|---------------|-----------------------|---------|--------------|---------|------------|---------|
|     |               | Quai-peak             | Average | Quai-peak    | Average |            |         |
| 1   | 0.1505        | 59.28                 | 33.73   | 65.97        | 55.97   | Neutral    | PASS    |
| 2   | 0.1680        | 44.72                 | 27.54   | 65.06        | 55.06   |            | PASS    |
| 3   | 0.1941        | 42.34                 | 26.69   | 63.86        | 53.86   |            | PASS    |
| 4   | 0.2082        | 40.62                 | 26.24   | 63.28        | 53.28   |            | PASS    |
| 5   | 2.8669        | 30.73                 | 18.62   | 56.00        | 46.00   |            | PASS    |
| 6   | 15.8809       | 31.83                 | 23.23   | 60.00        | 50.00   |            | PASS    |

**A.11. 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

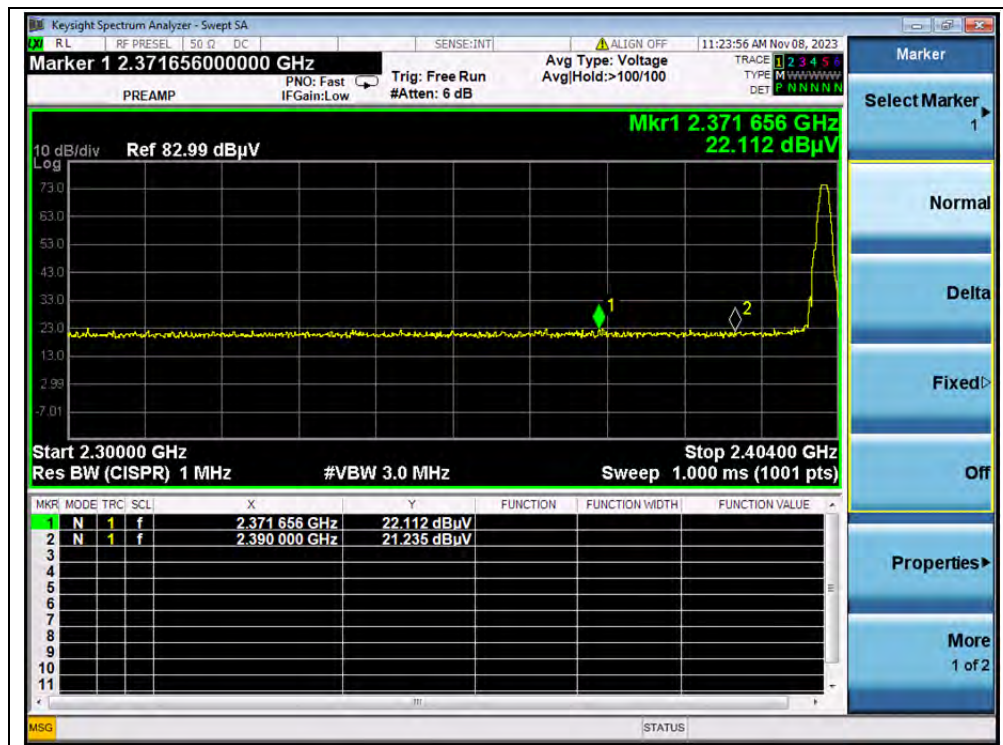
$G_{\text{preamp}}$ : Preamplifier Gain

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

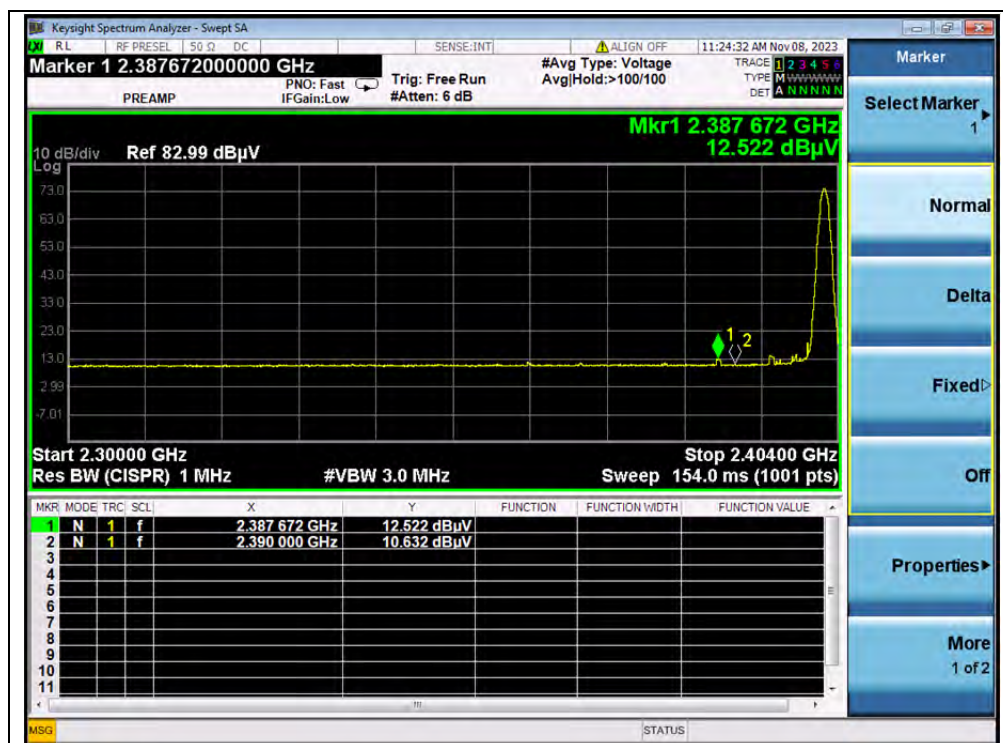
Note: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

**GFSK Mode**

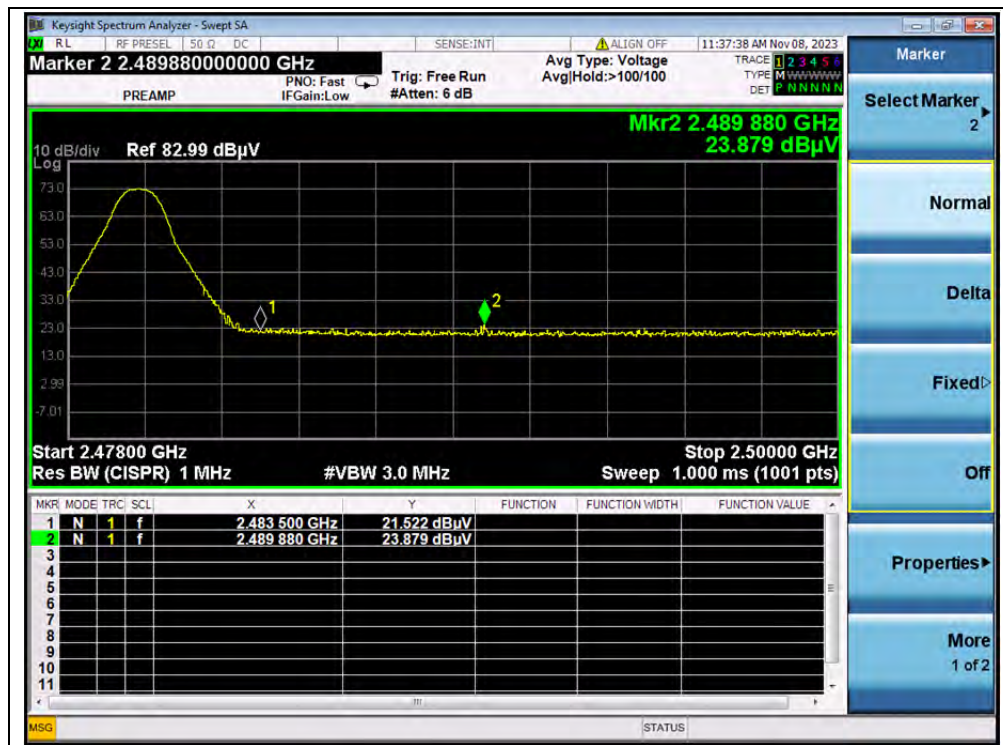
| Channel | Frequency (MHz) | Detector | Receiver Reading $U_R$ (dB $\mu$ V) | $A_T$ (dB) | $A_{\text{Factor}}$ (dB@3m) | Max. Emission E (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|------------|-----------------------------|--------------------------------|----------------------|---------|
|         |                 | PK/ AV   |                                     |            |                             |                                |                      |         |
| 0       | 2371.66         | PK       | 22.11                               | 6.74       | 27.20                       | 56.05                          | 74                   | PASS    |
| 0       | 2387.67         | AV       | 12.52                               | 6.74       | 27.20                       | 46.46                          | 54                   | PASS    |
| 78      | 2489.88         | PK       | 23.88                               | 6.74       | 27.20                       | 57.82                          | 74                   | PASS    |
| 78      | 2483.92         | AV       | 12.96                               | 6.74       | 27.20                       | 46.90                          | 54                   | PASS    |



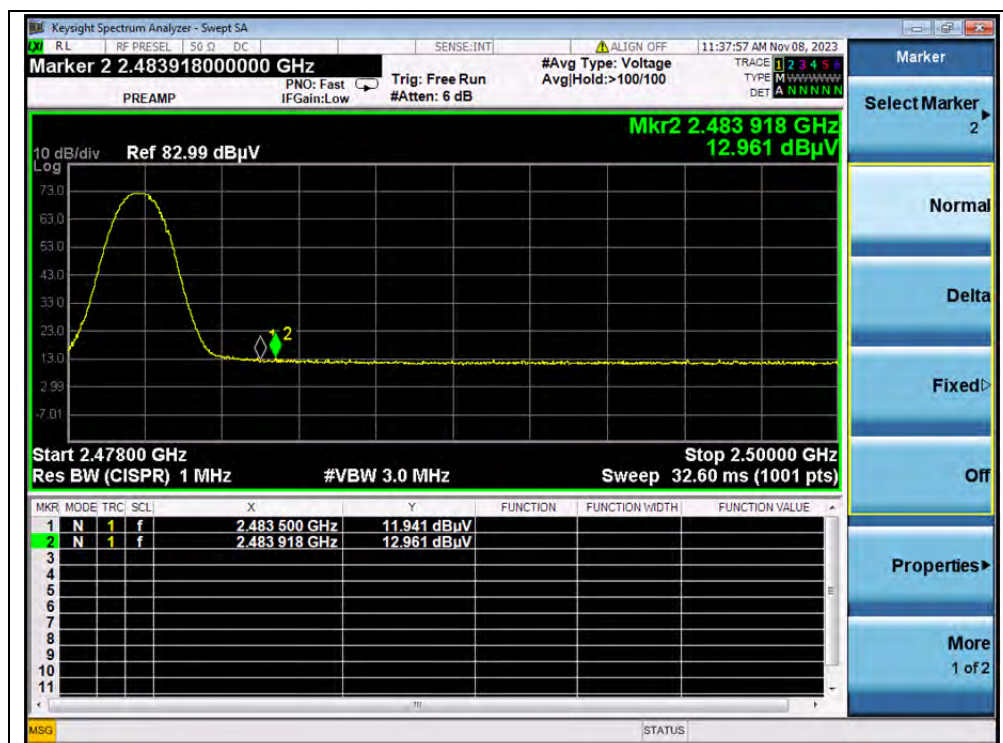
(PEAK, Channel 0, GFSK)



(AVERAGE, Channel 0, GFSK)



(PEAK, Channel 78, GFSK)

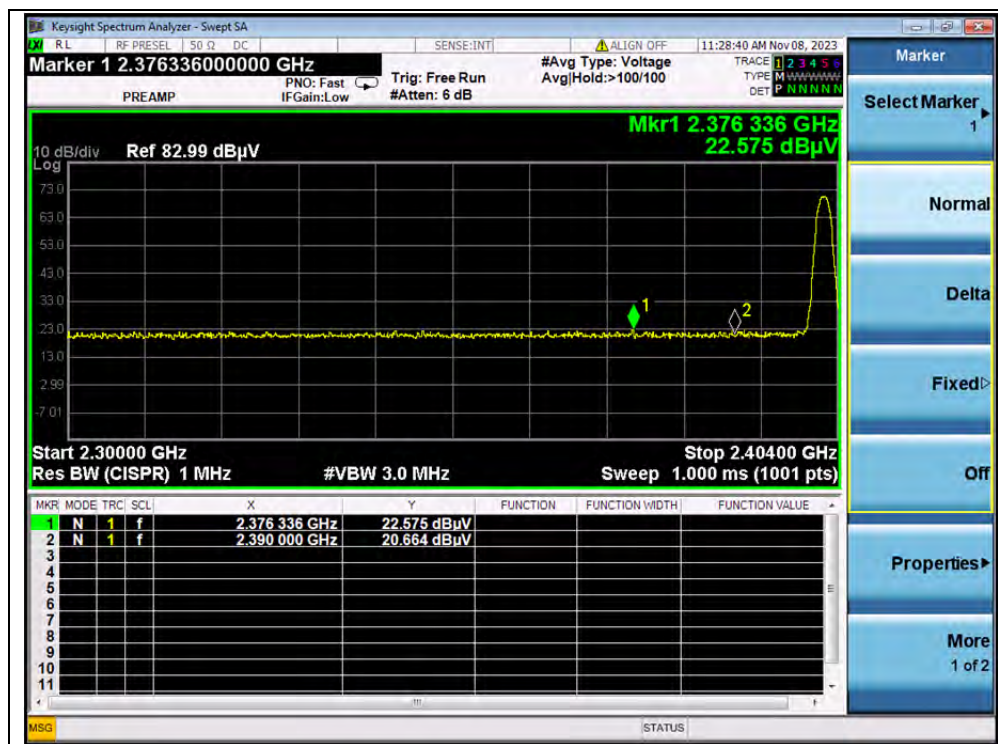


(AVERAGE, Channel 78, GFSK)

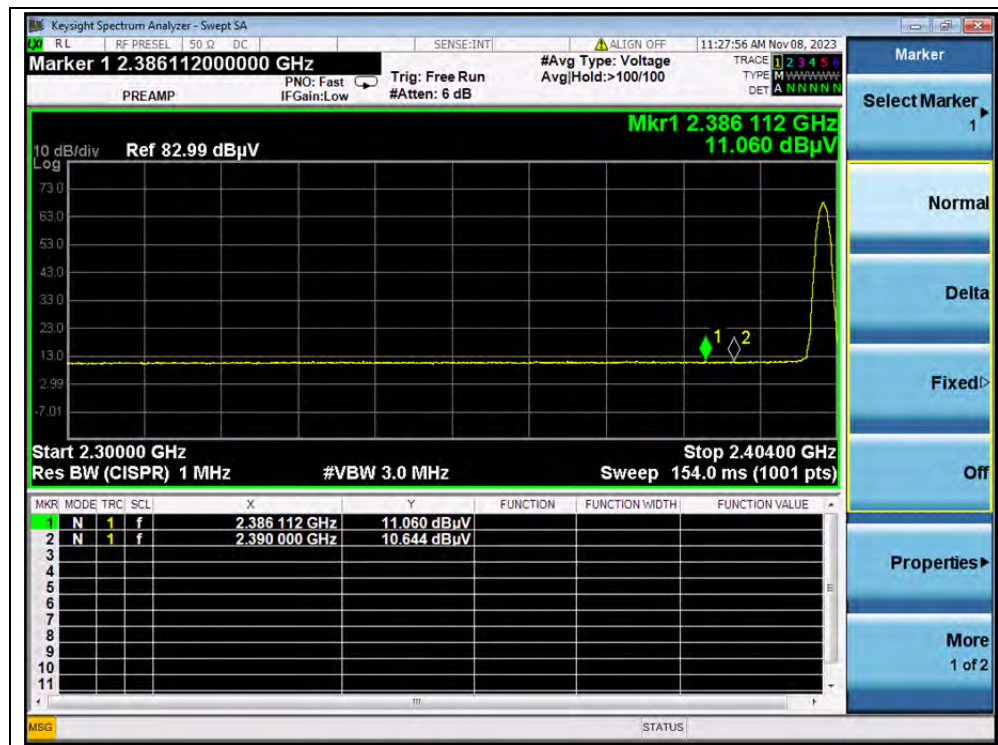
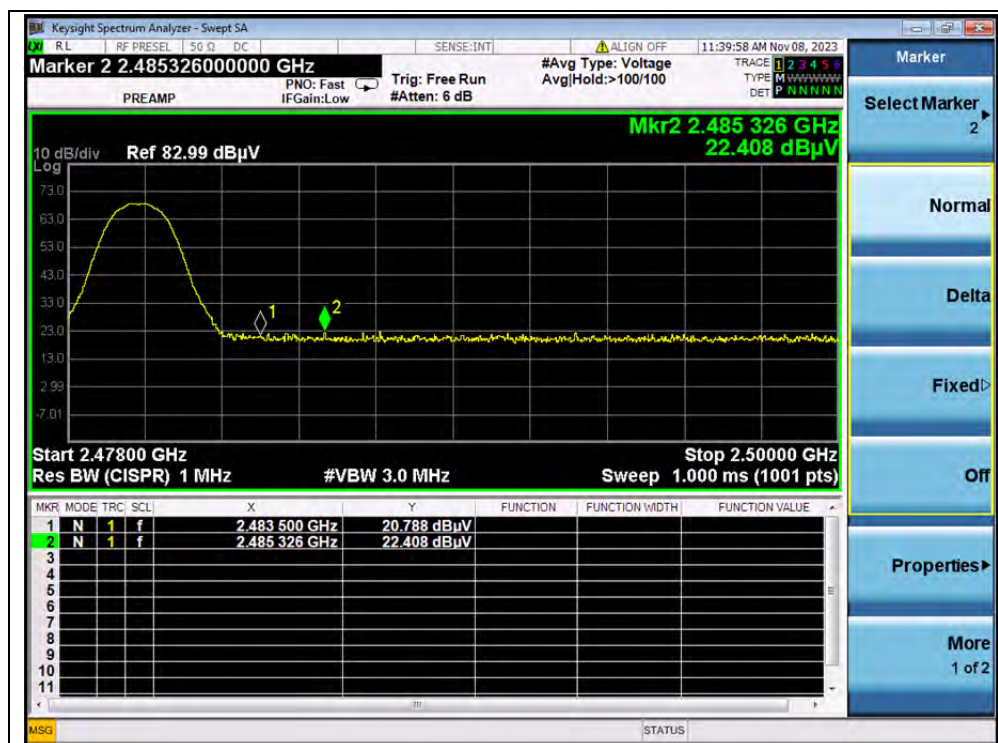


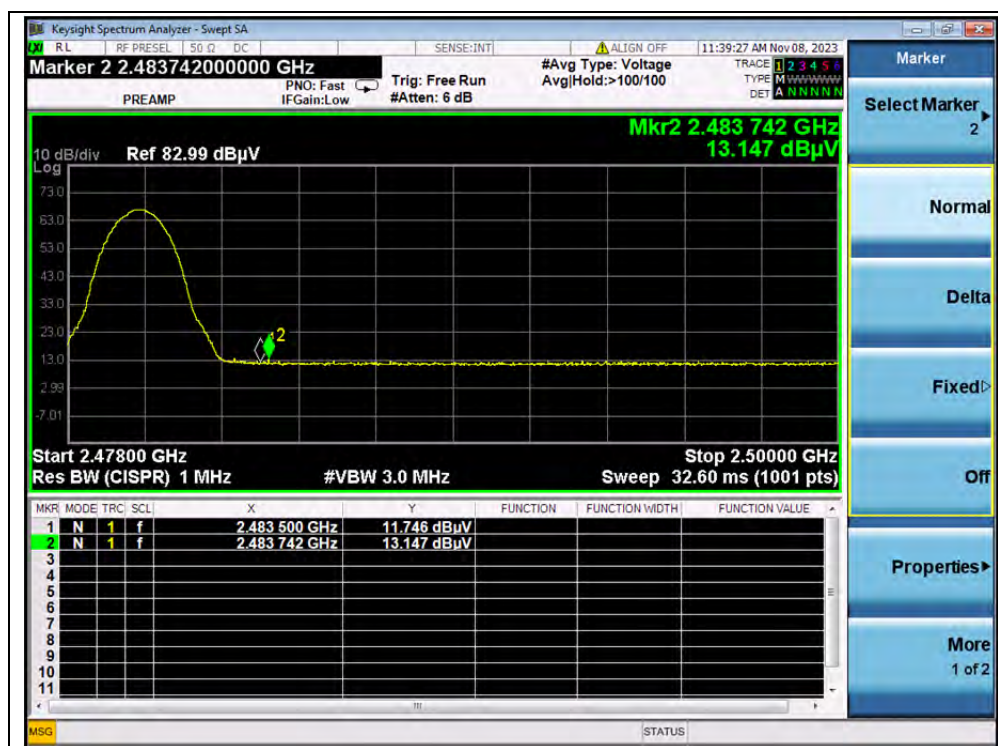
$\pi/4$ -DQPSK Mode

| Channel | Frequency (MHz) | Detector | Receiver Reading<br>$U_R$<br>(dB $\mu$ V) | $A_T$<br>(dB) | $A_{Factor}$<br>(dB@3m) | Max. Emission<br>E<br>(dB $\mu$ V/m) | Limit<br>(dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|-------------------------------------------|---------------|-------------------------|--------------------------------------|-------------------------|---------|
|         |                 | PK/ AV   |                                           |               |                         |                                      |                         |         |
| 0       | 2376.34         | PK       | 22.58                                     | 6.74          | 27.20                   | 56.52                                | 74                      | PASS    |
| 0       | 2386.11         | AV       | 11.06                                     | 6.74          | 27.20                   | 45.00                                | 54                      | PASS    |
| 78      | 2485.33         | PK       | 22.41                                     | 6.74          | 27.20                   | 56.35                                | 74                      | PASS    |
| 78      | 2483.74         | AV       | 13.15                                     | 6.74          | 27.20                   | 47.09                                | 54                      | PASS    |



(PEAK, Channel 0,  $\pi/4$ -DQPSK)


(AVERAGE, Channel 0,  $\pi/4$ -DQPSK)

(PEAK, Channel 78,  $\pi/4$ -DQPSK)

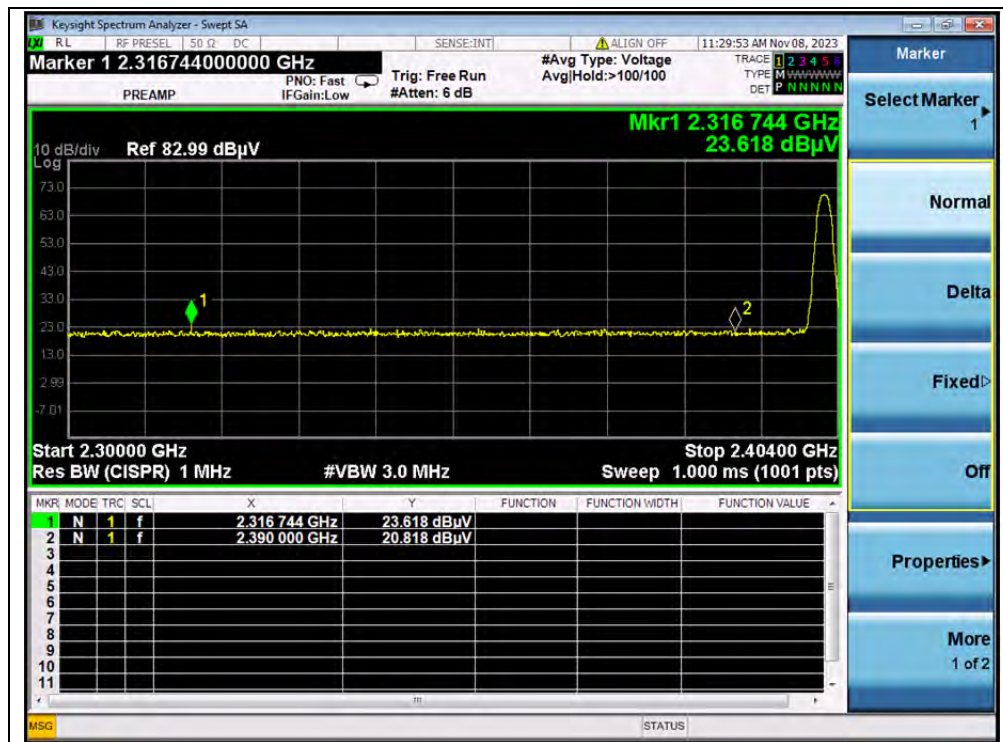


(AVERAGE, Channel 78,  $\pi/4$ -DQPSK)

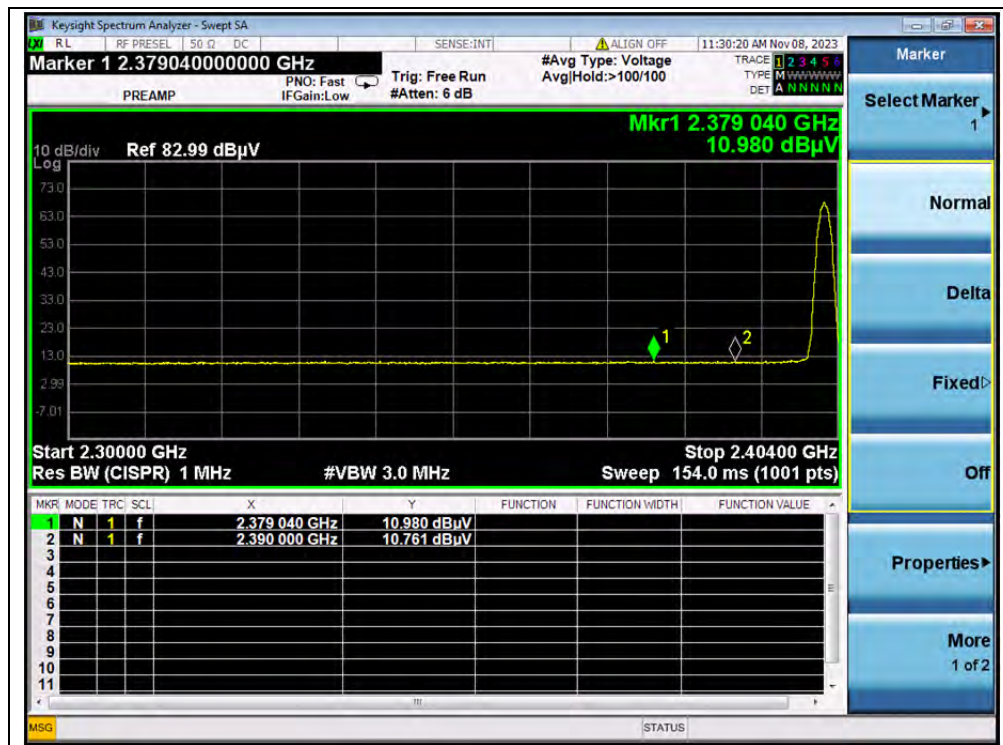


### 8-DPSK Mode

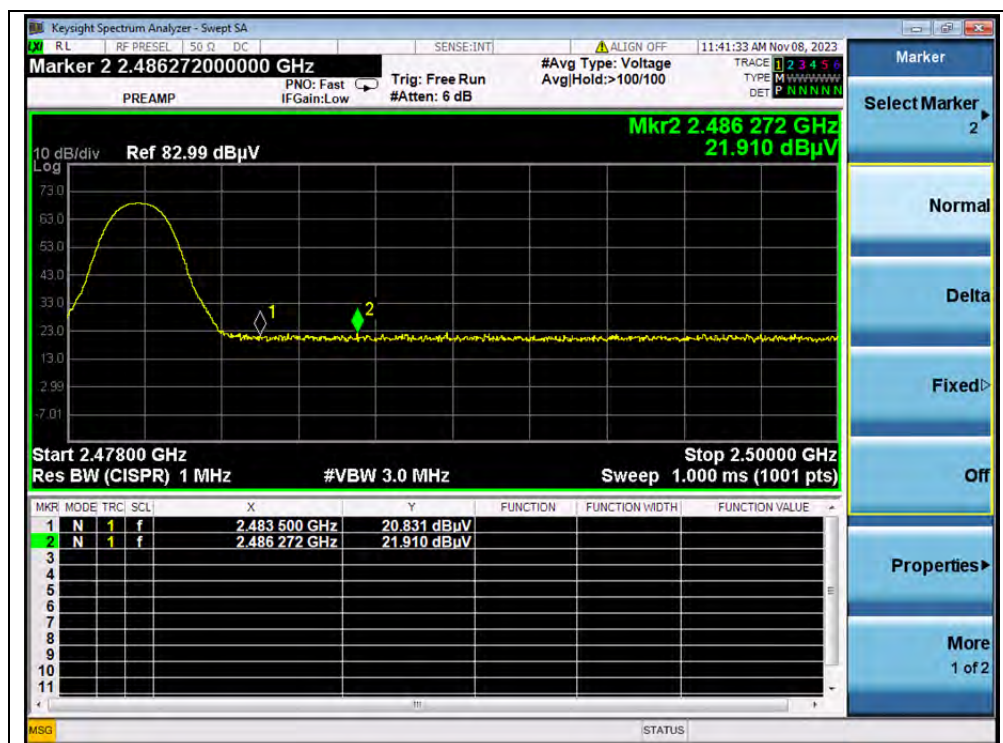
| Channel | Frequency (MHz) | Detector | Receiver Reading<br>$U_R$<br>(dBμV) | $A_T$<br>(dB) | $A_{Factor}$<br>(dB@3m) | Max. Emission<br>$E$<br>(dBμV/m) | Limit<br>(dBμV/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|---------------|-------------------------|----------------------------------|-------------------|---------|
|         |                 | PK/ AV   |                                     |               |                         |                                  |                   |         |
| 0       | 2316.74         | PK       | 23.62                               | 6.74          | 27.20                   | 57.56                            | 74                | PASS    |
| 0       | 2379.04         | AV       | 10.98                               | 6.74          | 27.20                   | 44.92                            | 54                | PASS    |
| 78      | 2486.27         | PK       | 21.91                               | 6.74          | 27.20                   | 55.85                            | 74                | PASS    |
| 78      | 2484.14         | AV       | 12.32                               | 6.74          | 27.20                   | 46.26                            | 54                | PASS    |



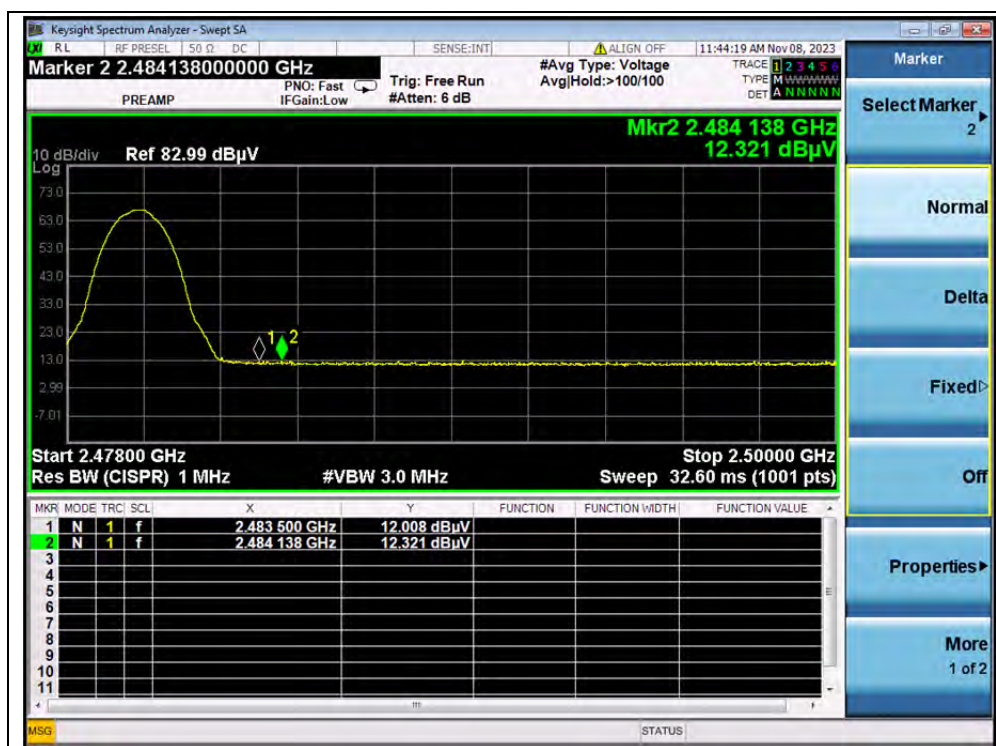
(PEAK, Channel 0, 8-DPSK)



(AVERAGE, Channel 0, 8-DPSK)



(PEAK, Channel 78, 8-DPSK)



(AVERAGE, Channel 78, 8-DPSK)



## A.12. 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

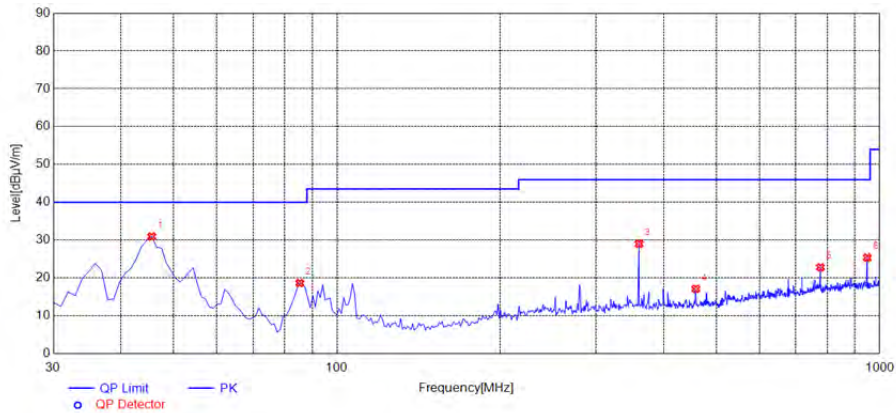
$A_{\text{Factor}}$ : Antenna Factor at 3m

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.

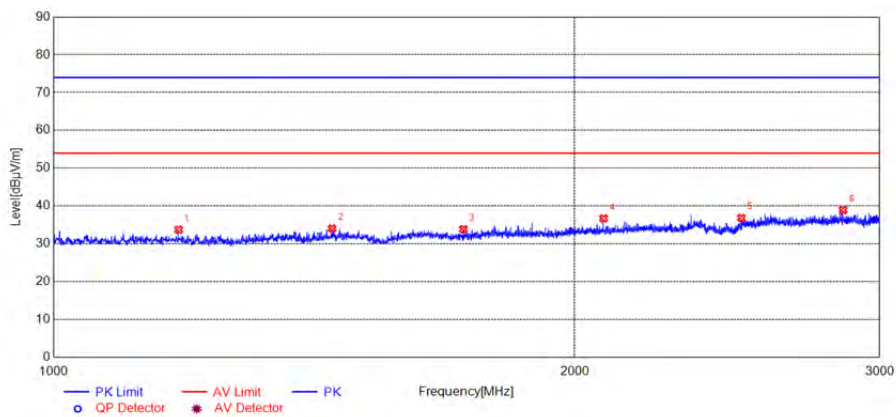
**Note2:** For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

**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.

**GFSK Mode****Plot for Channel 0**

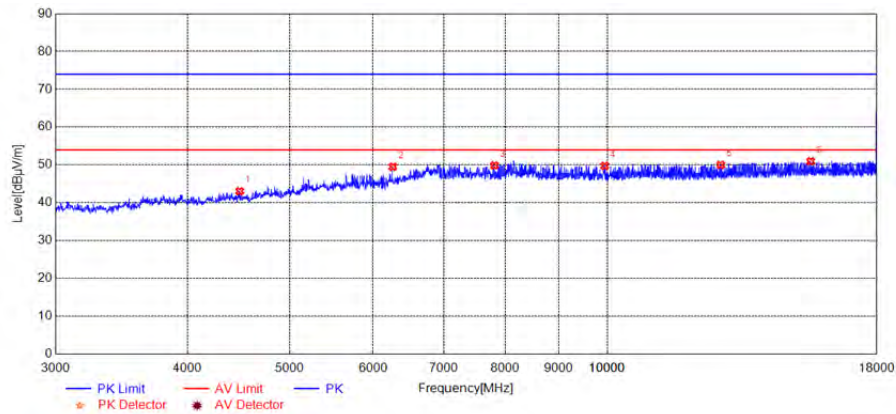
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 45.5355    | 30.96          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 85.3453    | 18.65          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 360.1301   | 29.05          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 458.1982   | 17.12          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 777.6476   | 22.82          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 948.5385   | 25.39          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



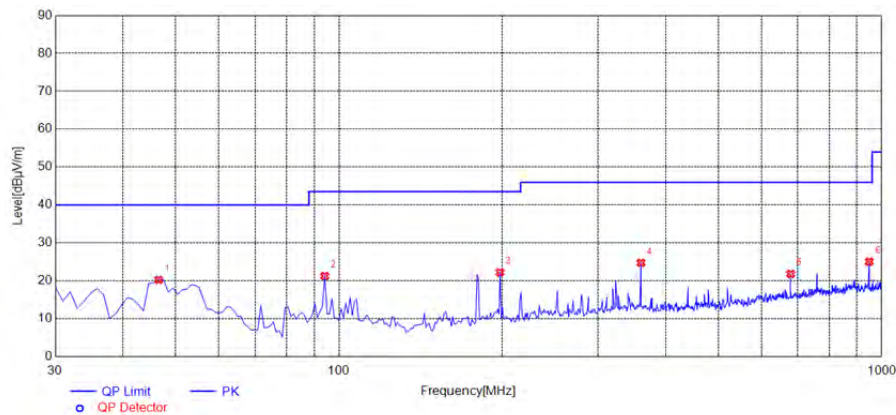
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 1181.2362  | 33.75          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 1448.4897  | 34.07          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 1724.9450  | 33.89          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 2078.2156  | 36.72          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 2496.2993  | 36.85          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 2857.5715  | 38.92          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



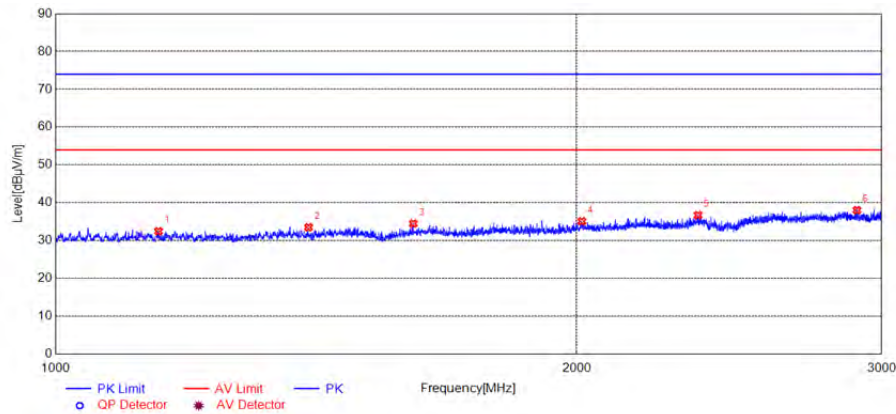
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 4485.2971  | 43.07          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 6261.6523  | 49.55          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 7818.9638  | 49.89          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 9943.3887  | 49.79          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 12808.9618 | 50.04          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 15590.5181 | 50.98          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



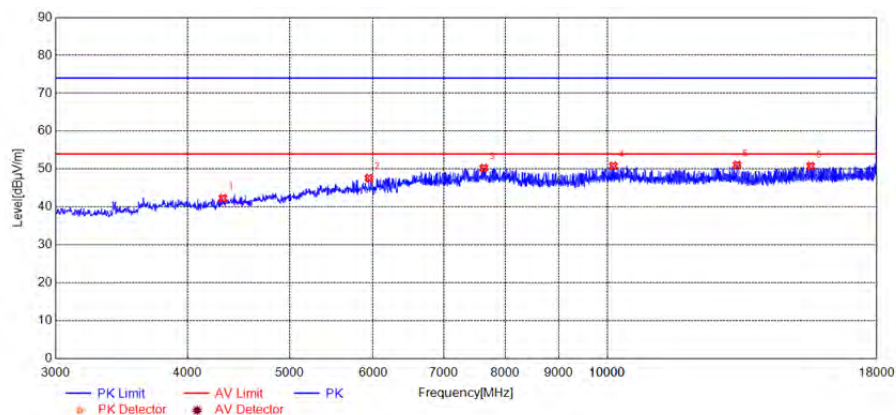
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 46.5065    | 20.28          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 94.0841    | 21.27          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 197.9780   | 22.24          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 360.1301   | 24.76          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 679.5796   | 21.82          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 948.5385   | 25.06          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1146.8294  | 32.48       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1400.0800  | 33.52       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1609.3219  | 34.51       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2013.8028  | 35.12       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2349.8700  | 36.75       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2902.7806  | 38.06       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)

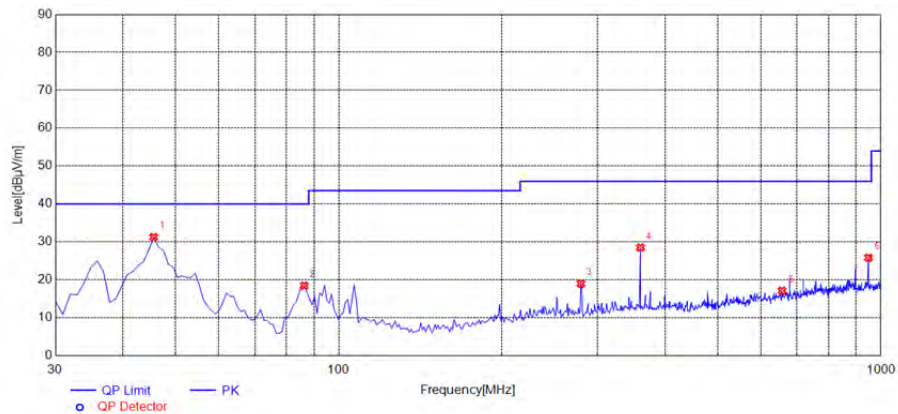


| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 4323.2647  | 42.29       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5946.5893  | 47.62       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 7638.9278  | 50.26       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 10132.4265 | 50.84       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 13274.0548 | 51.08       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 15587.5175 | 50.79       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

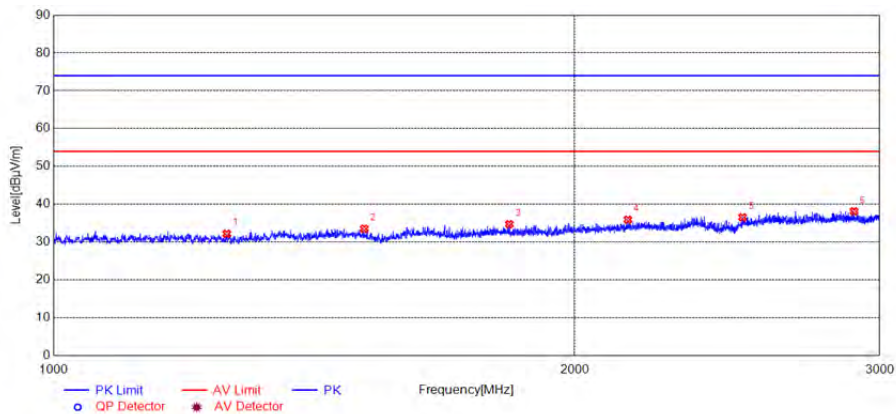


Plot for Channel 39



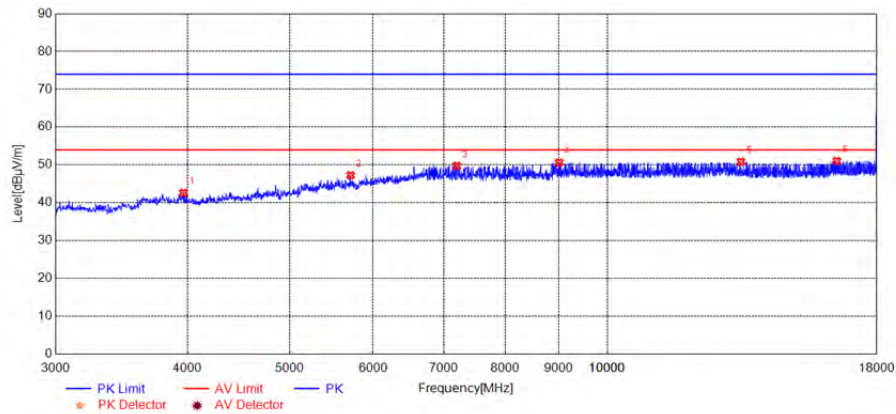
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 45.5355    | 31.26       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 86.3163    | 18.46       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 279.5395   | 18.99       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 360.1301   | 28.53       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 657.2472   | 17.11       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 948.5385   | 25.84       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



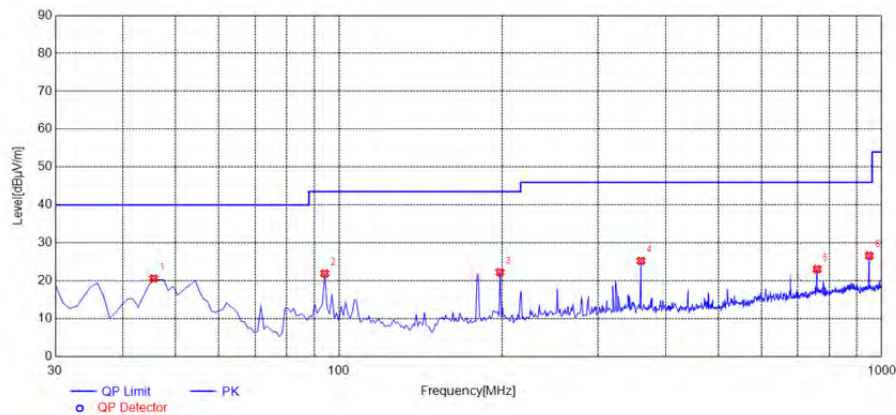
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 1259.2519  | 32.21       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1511.7023  | 33.55       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1833.3667  | 34.75       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2146.6293  | 35.95       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2499.9000  | 36.56       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2899.1798  | 38.14       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



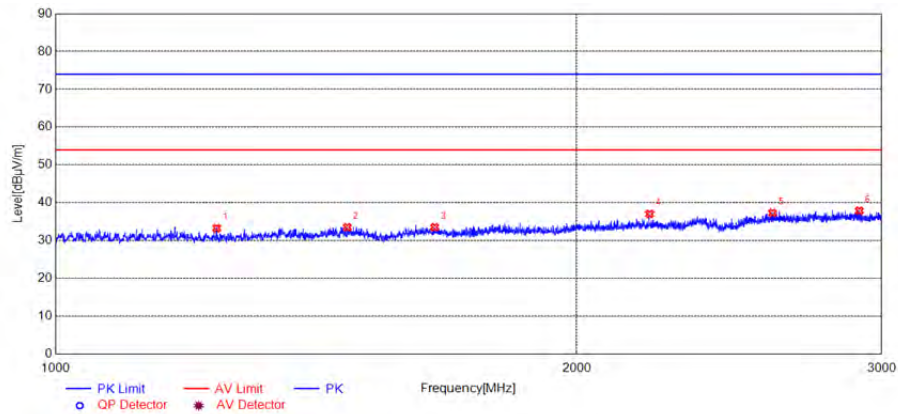
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 3966.1932  | 42.65       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5712.5425  | 47.30       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 7200.8402  | 49.80       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9004.2008  | 50.65       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 13385.0770 | 50.85       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 16502.7005 | 51.04       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



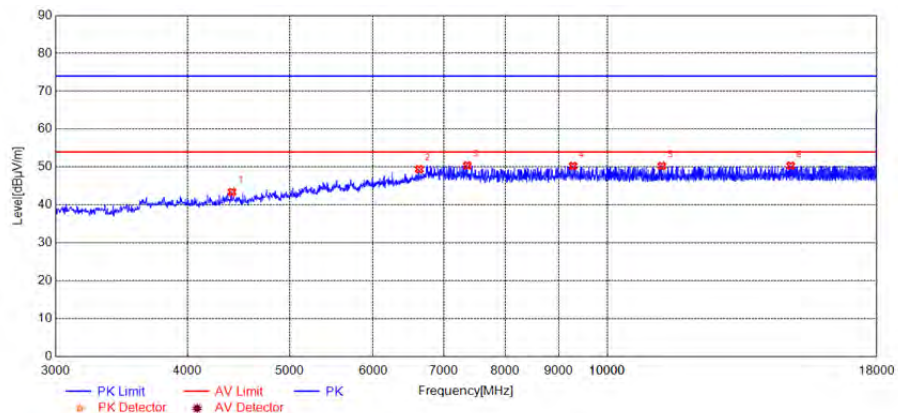
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 45.5355    | 20.62       | N/A         | N/A         | N/A               | 40.00             | N/A               | Vertical | PASS    |
| 94.0841    | 21.95       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 197.9780   | 22.26       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 360.1301   | 25.26       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |
| 760.1702   | 23.07       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |
| 948.5385   | 26.63       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1239.2479  | 33.27       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1474.0948  | 33.54       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1655.7311  | 33.56       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2203.4407  | 37.04       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2594.7189  | 37.34       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2911.9824  | 37.91       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)

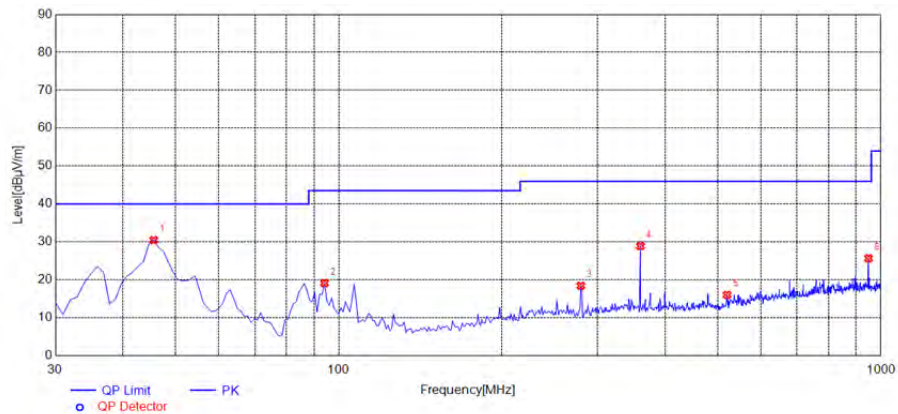


| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 4410.2821  | 43.42       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 6636.7273  | 49.42       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 7368.8738  | 50.45       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 9280.2561  | 50.30       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 11263.6527 | 50.30       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 14921.3843 | 50.38       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

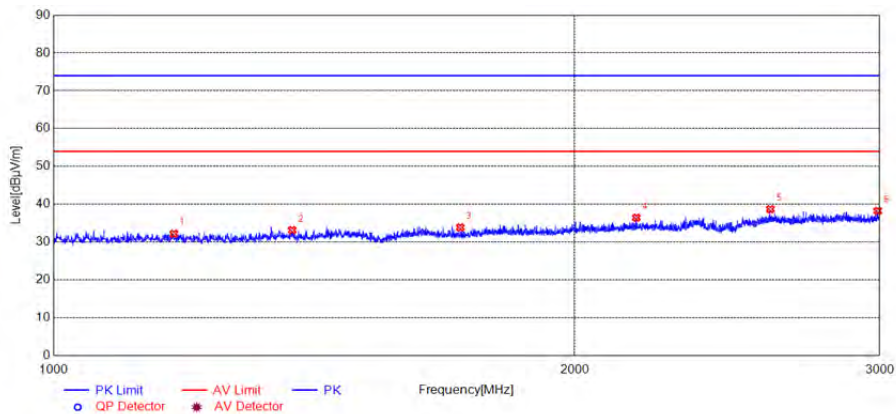


Plot for Channel 78



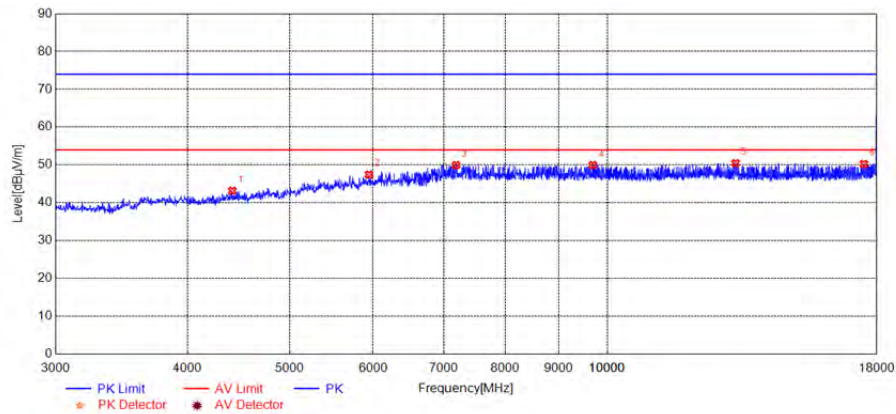
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 45.5355    | 30.48       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 94.0841    | 19.14       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 279.5395   | 18.43       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 360.1301   | 28.91       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 520.3403   | 16.05       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 948.5385   | 25.71       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



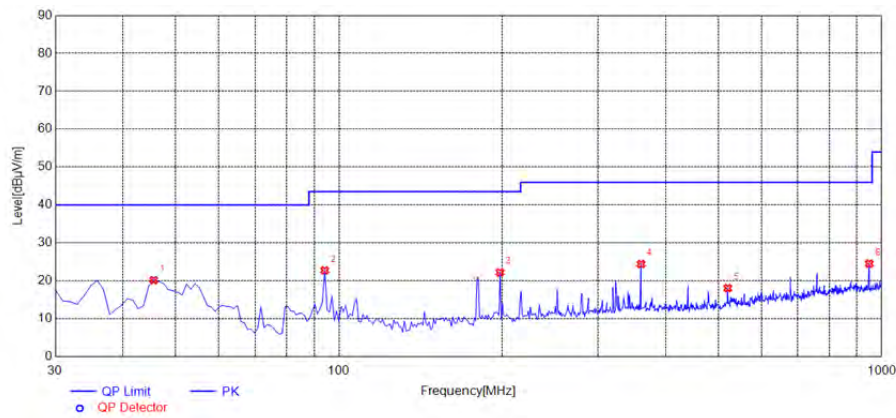
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 1173.6347  | 32.21       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1373.6747  | 33.17       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1717.7435  | 33.89       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2170.6341  | 36.46       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2594.3189  | 38.73       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2991.9984  | 38.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



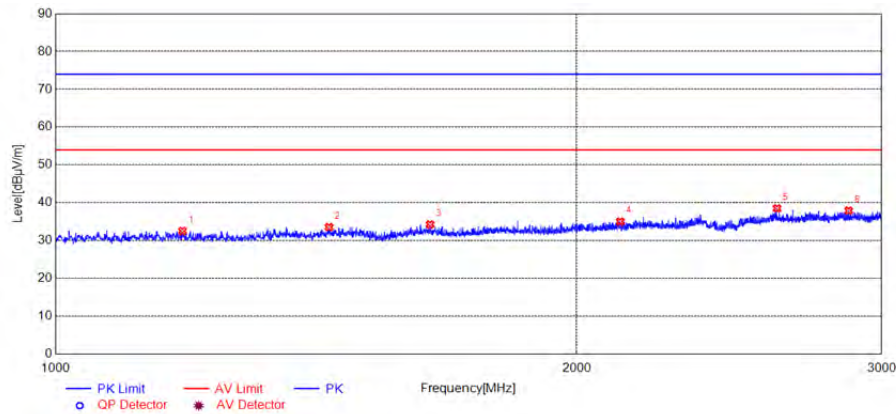
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 4413.2827  | 43.20          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 5946.5893  | 47.46          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 7191.8384  | 49.98          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 9688.3377  | 50.00          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 13232.0464 | 50.48          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 17507.9016 | 50.24          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



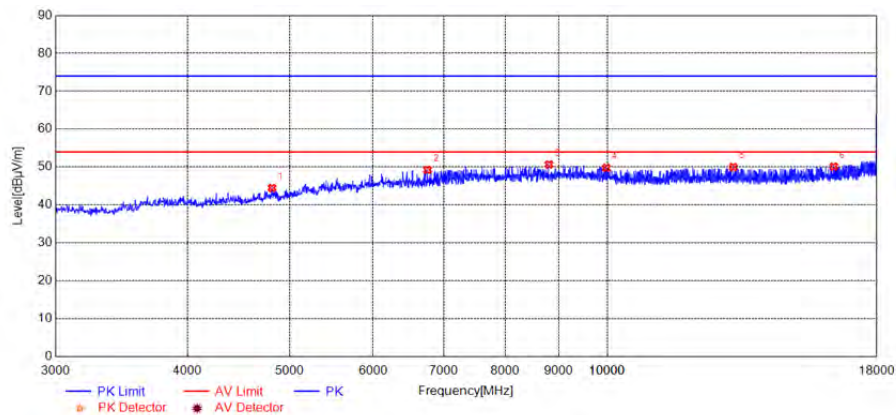
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 45.5355    | 20.20          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 94.0841    | 22.76          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 197.9780   | 22.22          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 360.1301   | 24.42          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 520.3403   | 18.10          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 948.5385   | 24.54          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1184.0368  | 32.57       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1438.8878  | 33.58       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1645.7291  | 34.29       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2119.0238  | 35.02       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2610.3221  | 38.55       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2871.1742  | 37.94       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)

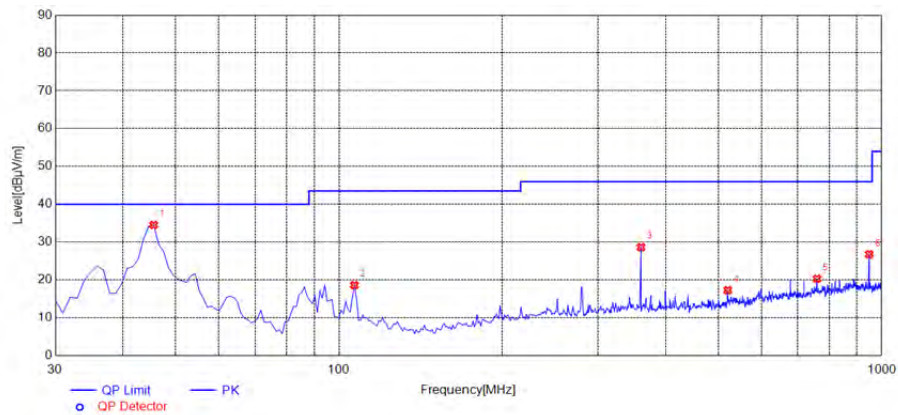


| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 4812.3625  | 44.48       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 6756.7514  | 49.26       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 8806.1612  | 50.68       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 9979.3959  | 49.83       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 13166.0332 | 50.02       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 16394.6789 | 50.14       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

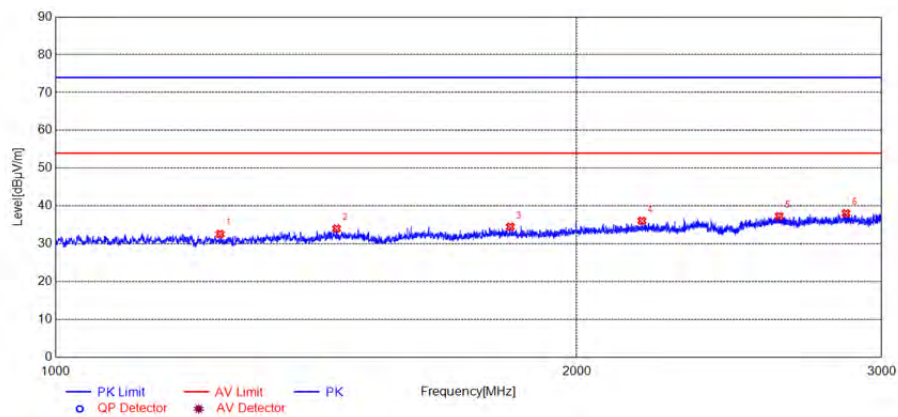
 **$\pi/4$ -DQPSK Mode**

Plot for Channel 0



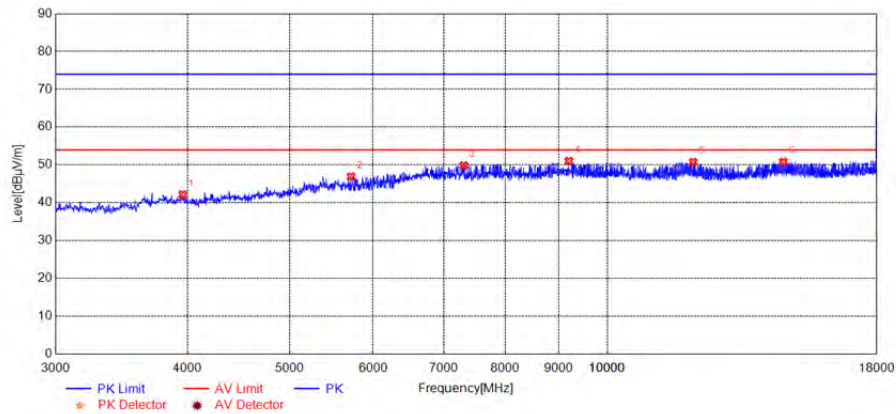
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 45.5355    | 34.53          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Horizontal | PASS    |
| 106.7067   | 18.65          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 360.1301   | 28.66          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 520.3403   | 17.29          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 760.1702   | 20.34          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |
| 948.5385   | 26.79          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



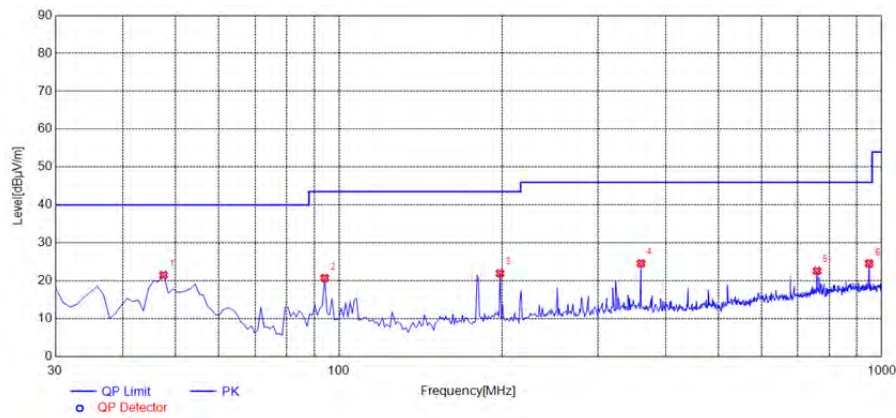
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 1244.8490  | 32.60          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 1453.2907  | 34.05          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 1830.9662  | 34.53          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 2181.0362  | 36.09          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 2617.9236  | 37.31          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 2860.7722  | 38.08          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



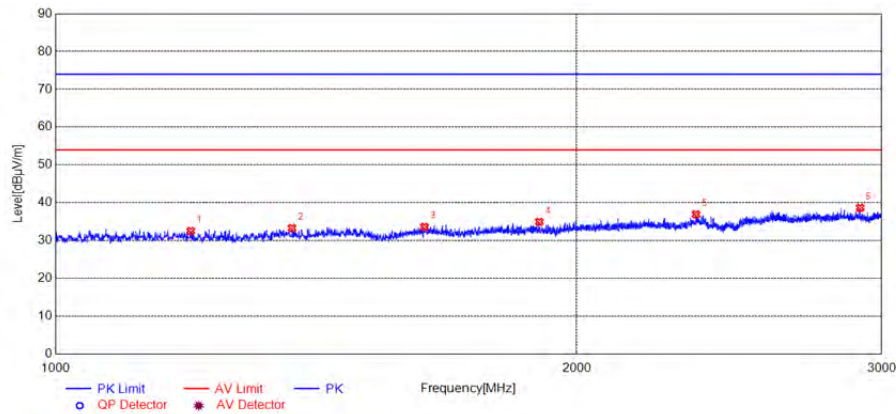
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 3960.1920  | 42.16       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5718.5437  | 46.96       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 7311.8624  | 49.90       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9196.2392  | 51.06       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 12061.8124 | 50.79       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 14684.3369 | 50.85       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



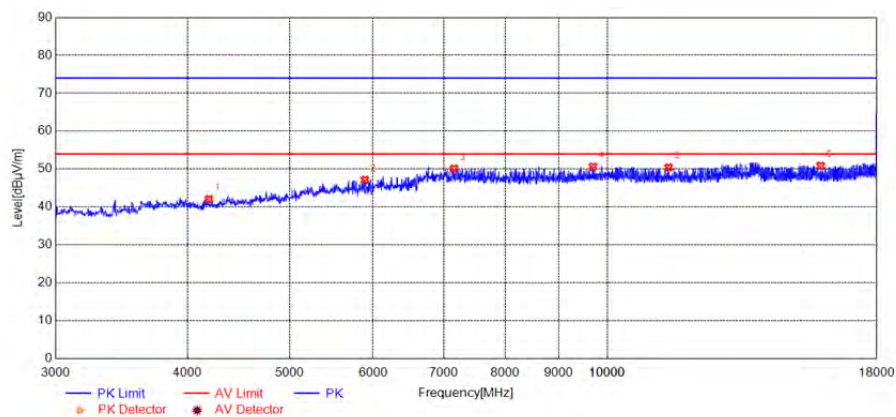
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 47.4775    | 21.52       | N/A         | N/A         | N/A               | 40.00             | N/A               | Vertical | PASS    |
| 94.0841    | 20.74       | N/A         | N/A         | N/A               | 40.00             | N/A               | Vertical | PASS    |
| 197.9780   | 22.00       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 360.1301   | 24.59       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 760.1702   | 22.61       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |
| 948.5385   | 24.57       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1197.2394  | 32.55       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1369.6739  | 33.32       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1633.3267  | 33.62       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1902.9806  | 34.95       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2343.8688  | 36.95       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2915.1830  | 38.68       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)

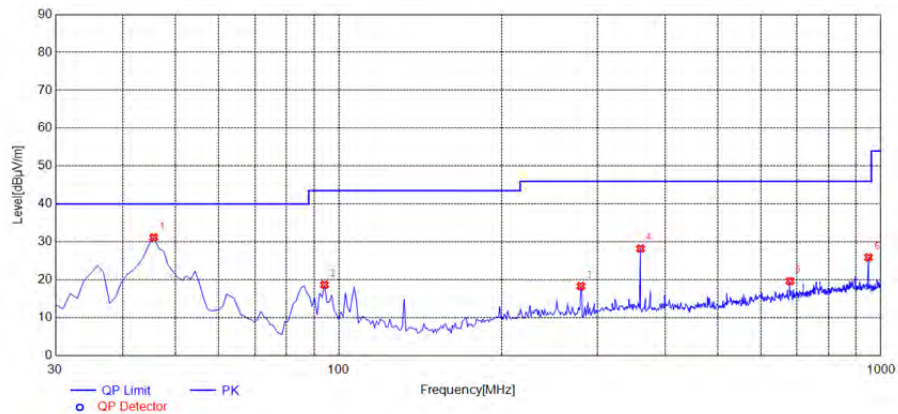


| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 4194.2388  | 42.07       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5892.5785  | 47.17       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 7158.8318  | 50.15       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 9691.3383  | 50.62       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 11431.6863 | 50.43       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 15929.5859 | 50.89       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

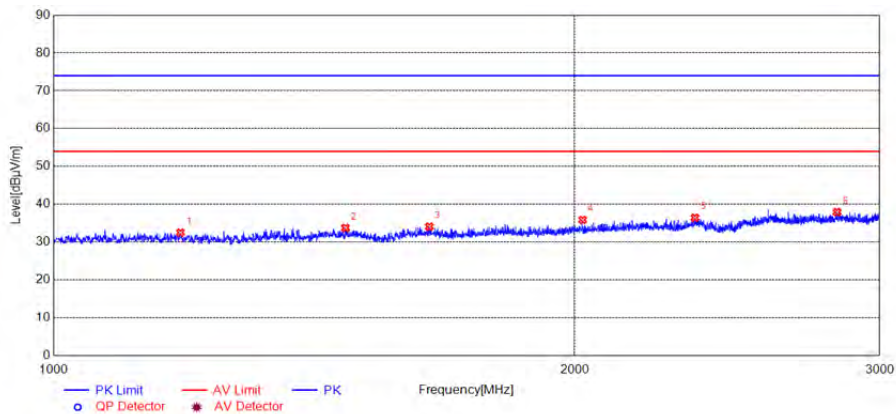


Plot for Channel 39



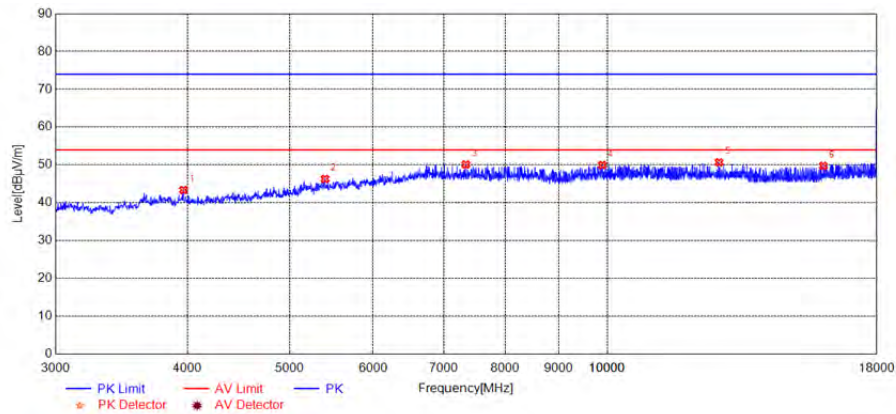
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 45.5355    | 31.18       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 94.0841    | 18.73       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 279.5395   | 18.35       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 360.1301   | 28.25       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 679.5796   | 19.71       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 948.5385   | 25.94       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



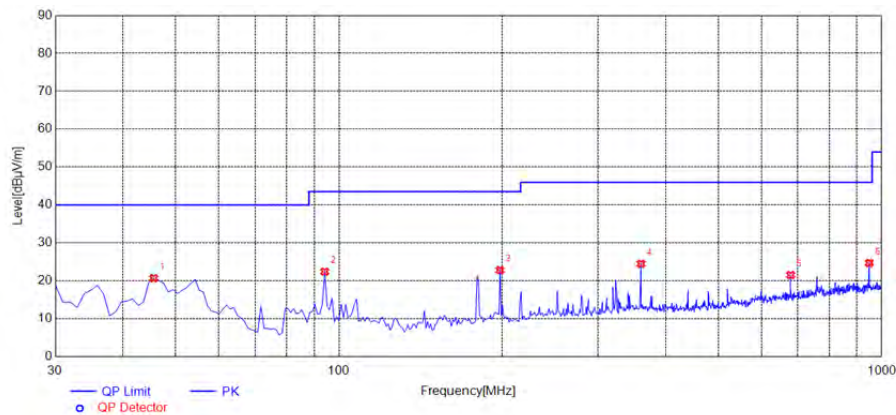
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 1184.0368  | 32.51       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1474.4949  | 33.76       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1648.5297  | 34.10       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2021.0042  | 35.88       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2346.6693  | 36.45       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2834.3669  | 37.94       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



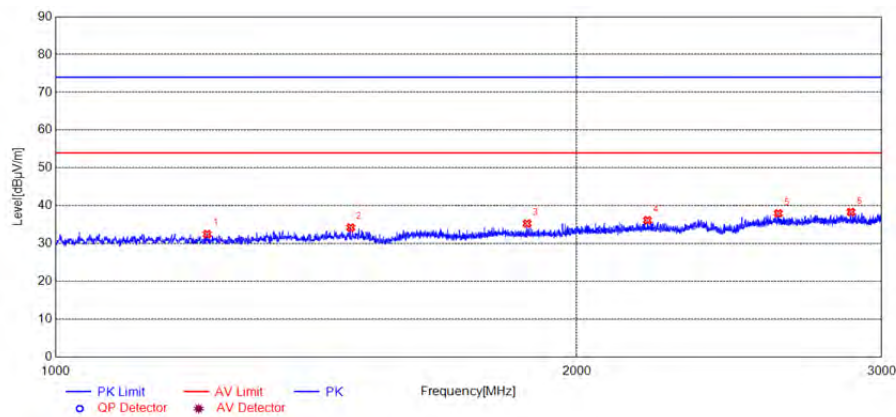
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 3966.1932  | 43.38          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 5403.4807  | 46.33          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 7344.8690  | 50.13          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 9892.3785  | 50.01          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 12763.9528 | 50.70          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 16019.6039 | 49.78          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



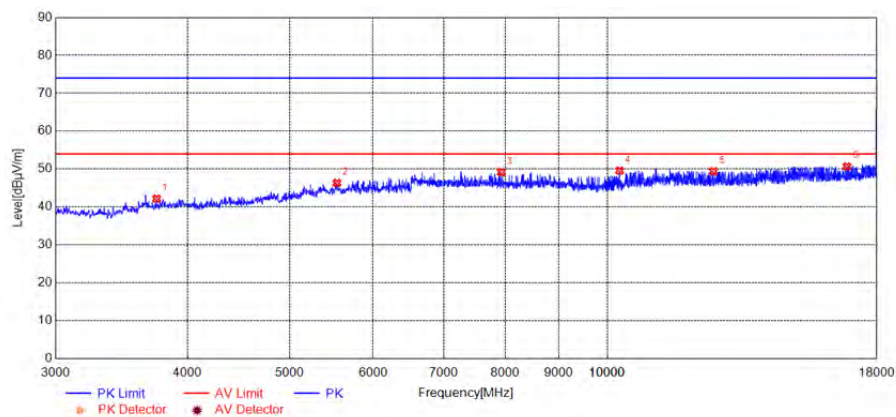
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 45.5355    | 20.70          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 94.0841    | 22.43          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 197.9780   | 22.83          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 360.1301   | 24.50          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 679.5796   | 21.54          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 948.5385   | 24.71          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1223.6447  | 32.51       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1480.8962  | 34.25       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1872.1744  | 35.33       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2197.4395  | 36.19       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2614.7229  | 38.00       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2880.3761  | 38.35       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)

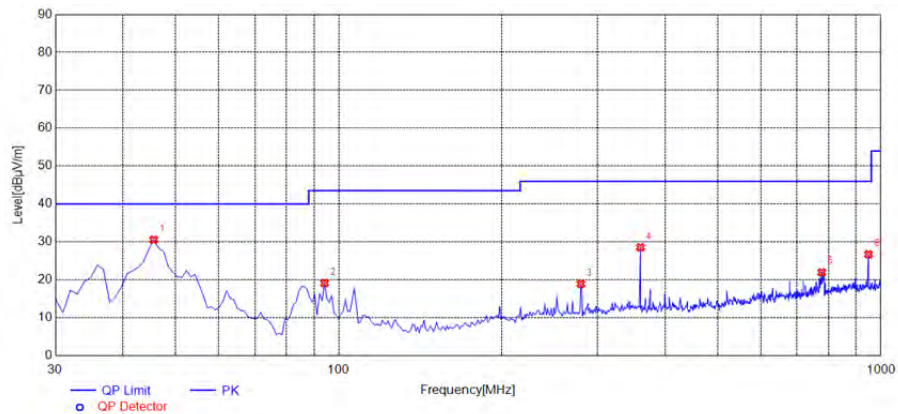


| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 3741.1482  | 42.18       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5544.5089  | 46.35       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 7935.9872  | 49.19       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 10273.4547 | 49.60       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 12607.9216 | 49.38       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 16871.7744 | 50.68       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

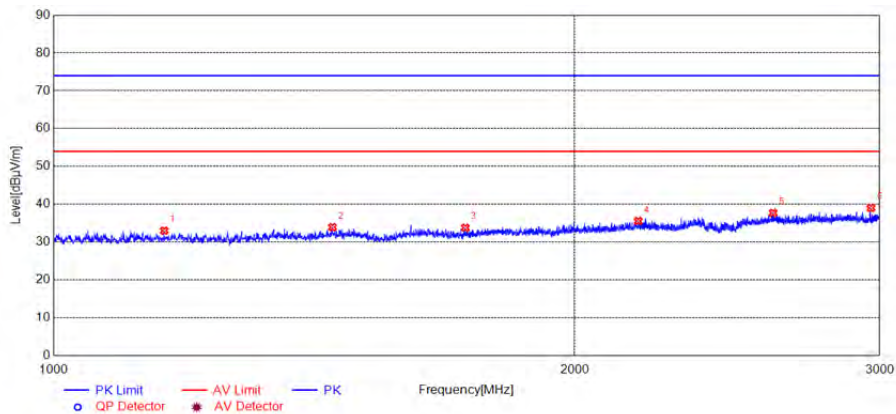


Plot for Channel 78



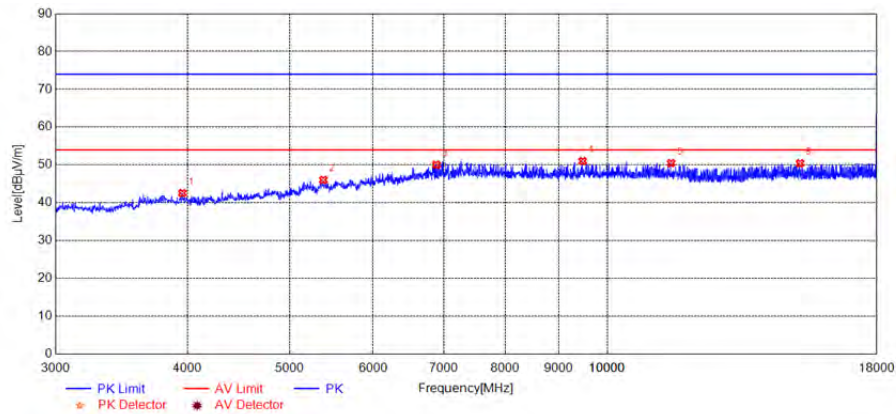
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 45.5355    | 30.58       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 94.0841    | 19.17       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 279.5395   | 18.93       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 360.1301   | 28.58       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 777.6476   | 21.99       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 948.5385   | 26.73       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



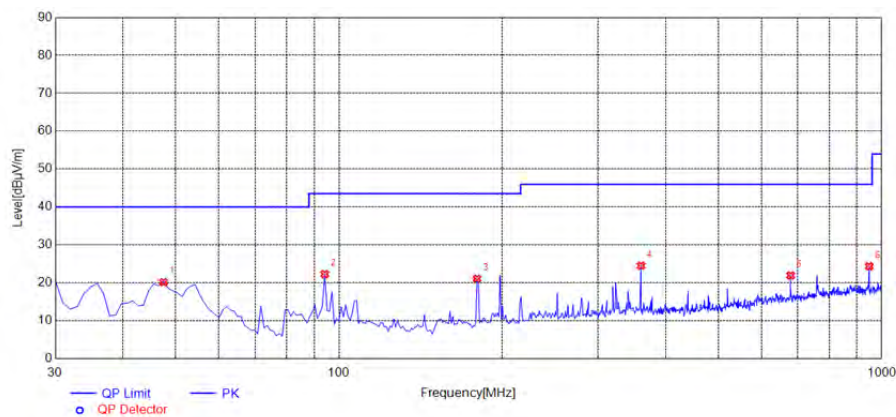
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 1158.8318  | 33.02       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1449.2899  | 33.95       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1729.3459  | 33.81       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2176.2352  | 35.58       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2603.5207  | 37.72       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2965.5931  | 39.03       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



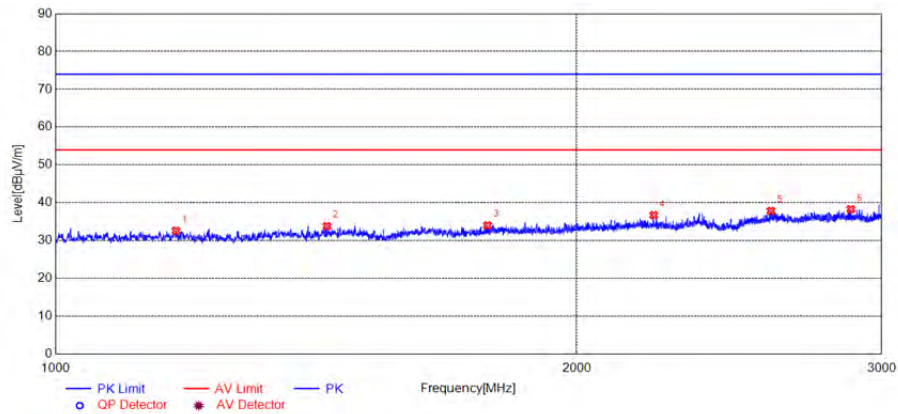
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 3957.1914  | 42.56          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 5382.4765  | 46.04          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 6888.7778  | 50.07          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 9478.2957  | 51.03          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 11494.6989 | 50.49          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 15230.4461 | 50.46          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



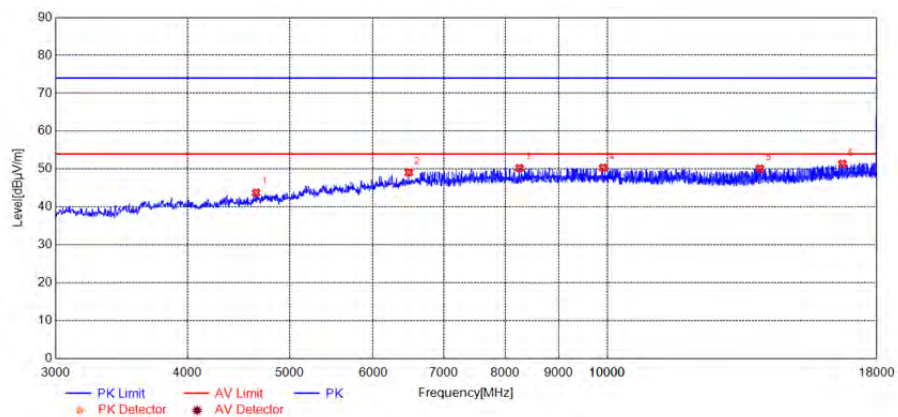
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 47.4775    | 20.20          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 94.0841    | 22.33          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 179.5295   | 21.09          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 360.1301   | 24.52          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 679.5796   | 21.95          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 948.5385   | 24.36          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1174.0348  | 32.58       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1434.8870  | 33.83       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1776.1552  | 34.03       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2215.4431  | 36.75       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2589.5179  | 37.87       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2879.1758  | 38.29       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)

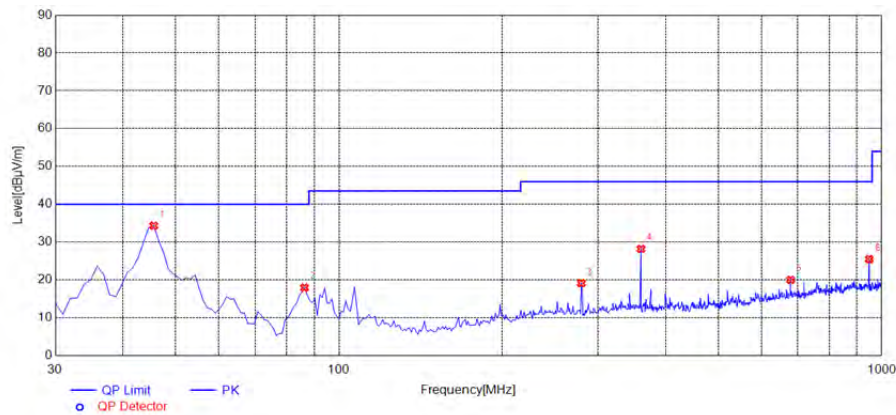


| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 4647.3295  | 43.79       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 6486.6973  | 49.10       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 8257.0514  | 50.25       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 9910.3821  | 50.34       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 13952.1904 | 50.12       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 16706.7413 | 51.38       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

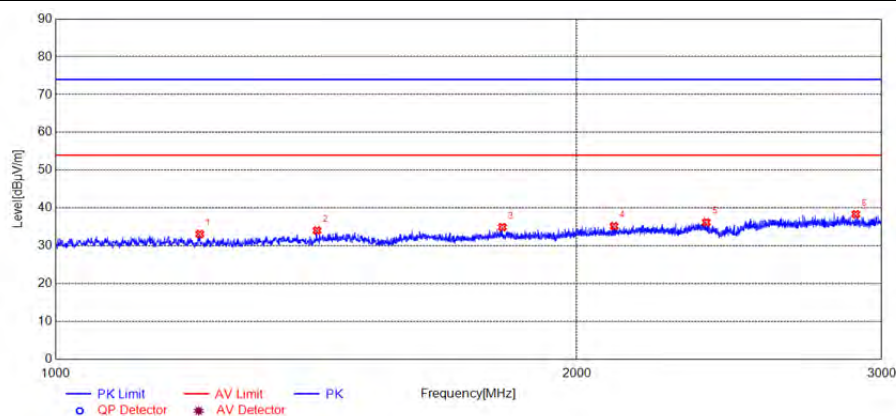
**8-DPSK Mode**

## Plot for Channel 0



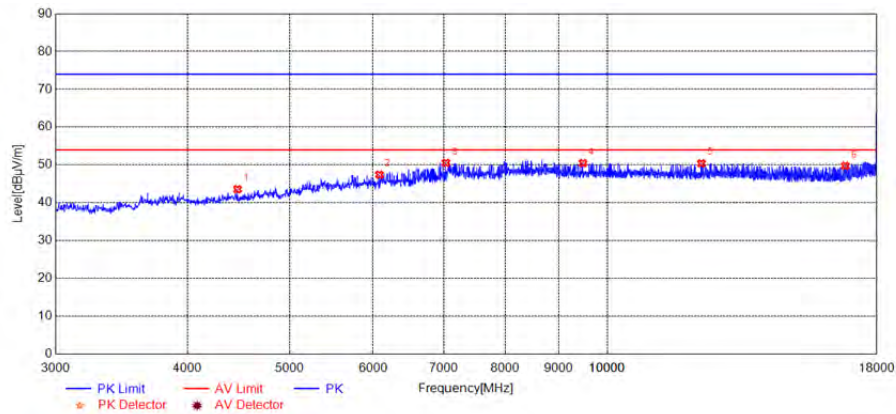
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 45.5355    | 34.35       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 86.3163    | 17.99       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 279.5395   | 19.17       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 360.1301   | 28.21       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 679.5796   | 20.04       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 948.5385   | 25.50       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



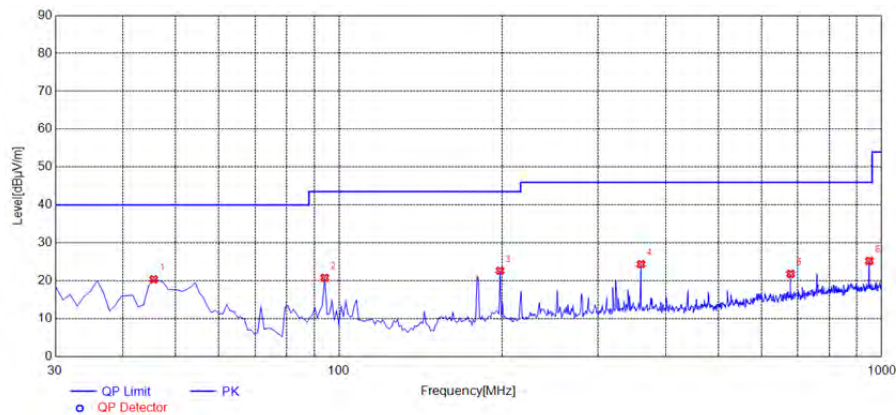
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 1211.6423  | 33.13       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1416.0832  | 34.07       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1811.7624  | 34.95       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2101.8204  | 35.22       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2375.8752  | 36.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2898.3797  | 38.38       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



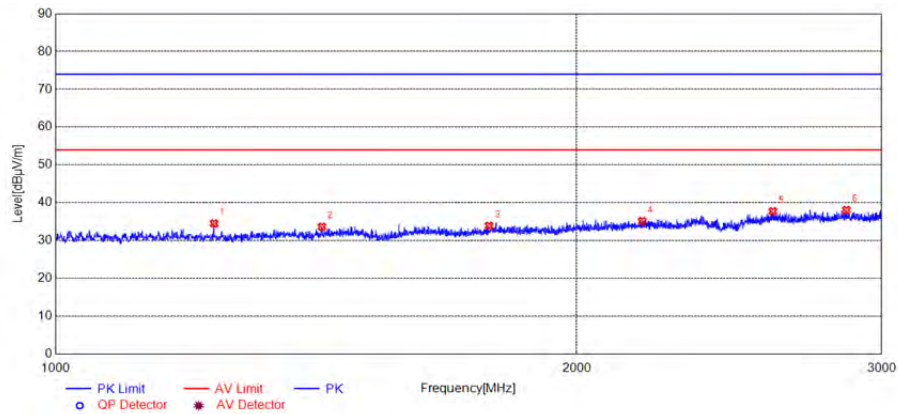
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 4464.2929  | 43.60          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 6084.6169  | 47.43          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 7032.8066  | 50.58          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 9484.2969  | 50.50          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 12280.8562 | 50.44          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 16808.7618 | 49.79          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



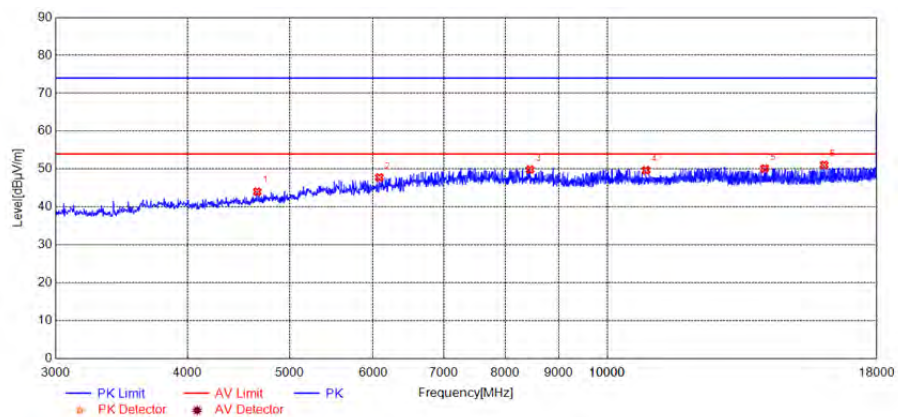
| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 45.5355    | 20.43          | N/A            | N/A            | N/A                  | 40.00                | N/A                  | Vertical | PASS    |
| 94.0841    | 20.80          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 197.9780   | 22.68          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 360.1301   | 24.40          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 679.5796   | 21.83          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |
| 948.5385   | 25.26          | N/A            | N/A            | N/A                  | 46.00                | N/A                  | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1234.8470  | 34.54       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1425.2851  | 33.66       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1779.7560  | 33.94       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2181.8364  | 35.19       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2595.9192  | 37.75       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2861.9724  | 38.10       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)

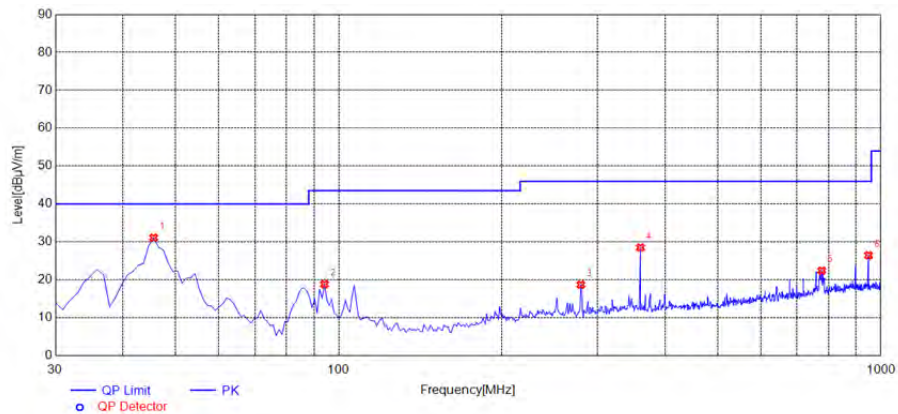


| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 4659.3319  | 44.05       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 6081.6163  | 47.81       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 8449.0898  | 49.89       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 10882.5765 | 49.70       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 14096.2192 | 50.15       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 16049.6099 | 51.11       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

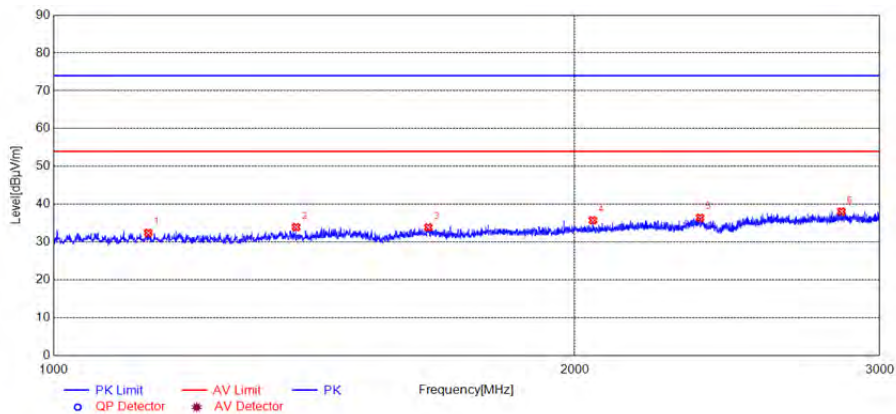


Plot for Channel 39



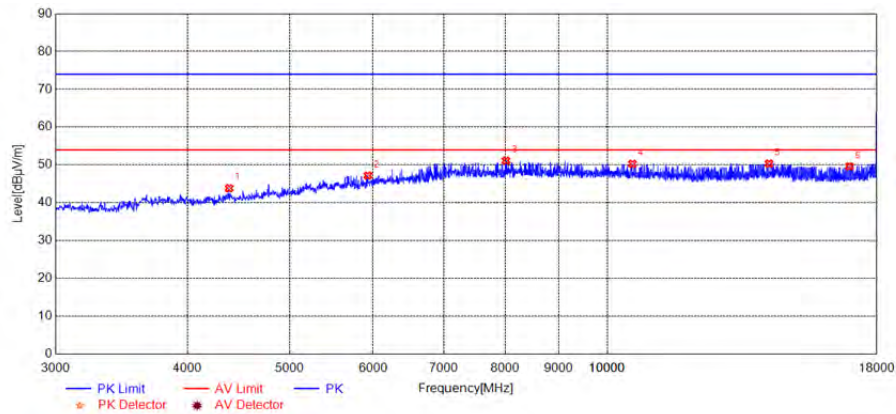
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 45.5355    | 31.12       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 94.0841    | 18.85       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 279.5395   | 18.74       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 360.1301   | 28.54       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 777.6476   | 22.44       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 948.5385   | 26.48       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



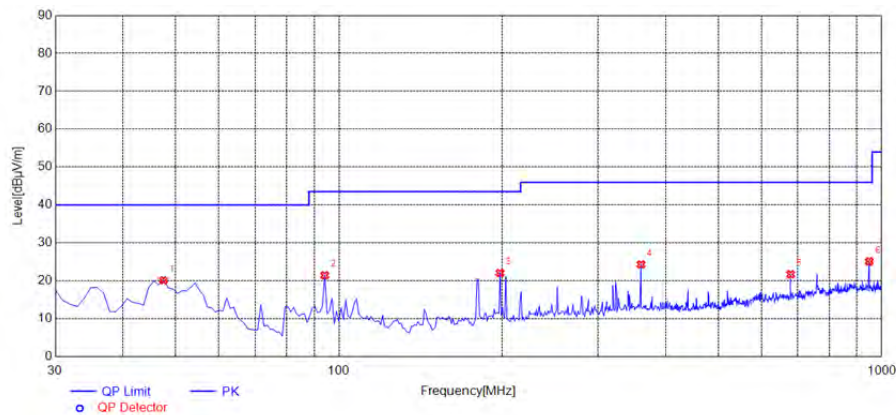
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 1134.4269  | 32.44       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1380.8762  | 33.98       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1646.1292  | 33.91       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2048.6097  | 35.77       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2362.6725  | 36.45       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2851.1702  | 38.08       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



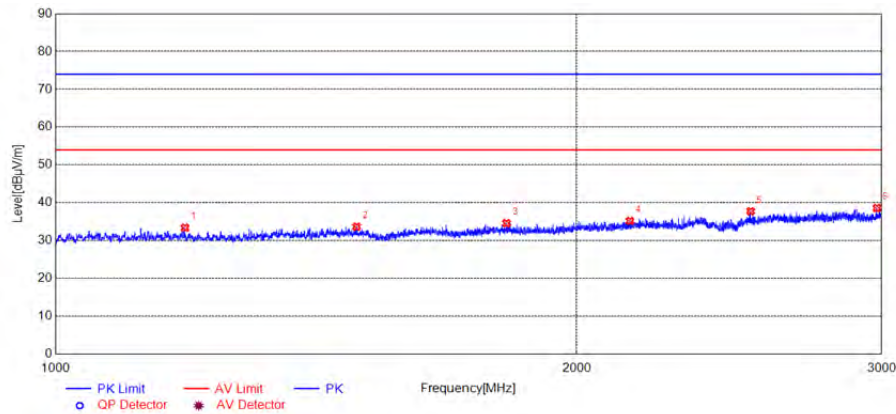
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 4383.2767  | 43.86       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5931.5863  | 47.20       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 8017.0034  | 51.14       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 10564.5129 | 50.31       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 14231.2462 | 50.36       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 16958.7918 | 49.61       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



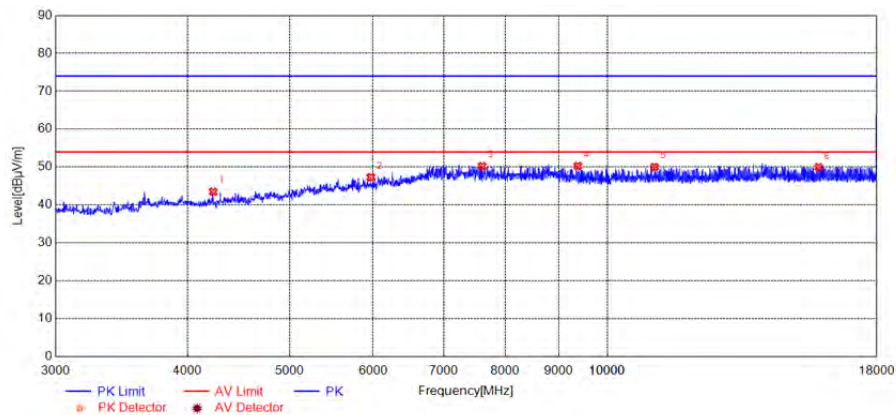
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 47.4775    | 20.15       | N/A         | N/A         | N/A               | 40.00             | N/A               | Vertical | PASS    |
| 94.0841    | 21.46       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 197.9780   | 22.09       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 360.1301   | 24.33       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |
| 679.5796   | 21.74       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |
| 948.5385   | 25.12       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1188.0376  | 33.41       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1492.4985  | 33.69       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1821.7644  | 34.62       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2146.6293  | 35.22       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2520.3041  | 37.75       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2981.1962  | 38.63       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)

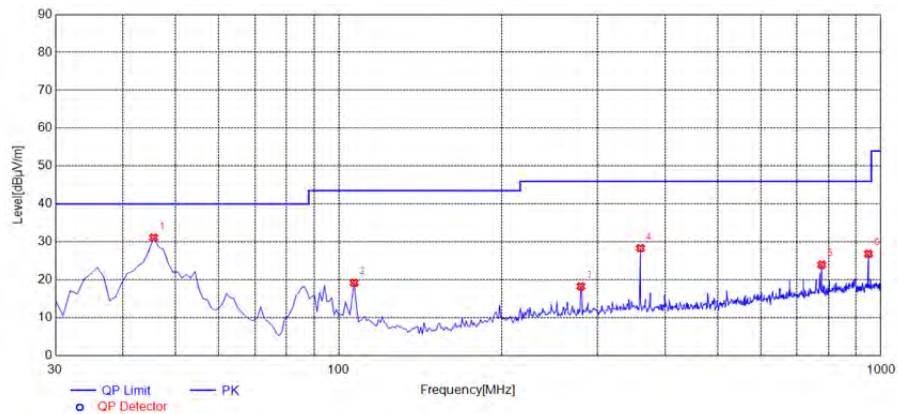


| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 4233.2466  | 43.50       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5970.5941  | 47.34       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 7611.9224  | 50.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 9379.2759  | 50.29       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 11086.6173 | 50.04       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 15860.5721 | 49.97       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

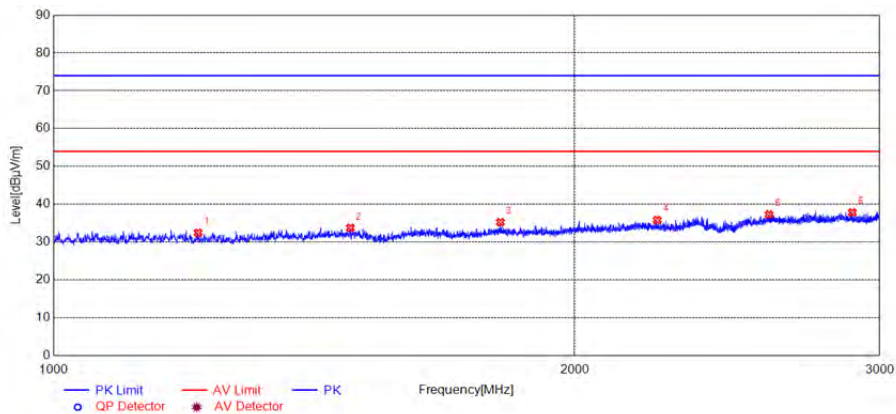


Plot for Channel 78



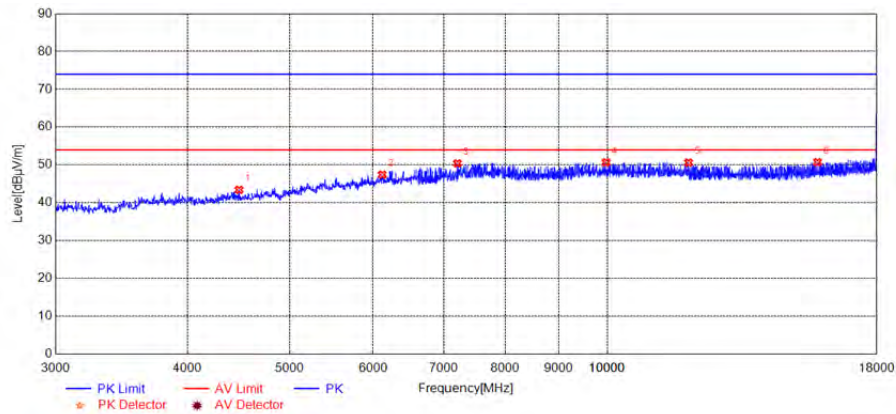
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 45.5355    | 31.14       | N/A         | N/A         | N/A               | 40.00             | N/A               | Horizontal | PASS    |
| 106.7067   | 19.23       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 279.5395   | 18.29       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 360.1301   | 28.34       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 777.6476   | 23.99       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |
| 948.5385   | 26.87       | N/A         | N/A         | N/A               | 46.00             | N/A               | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 1GHz)



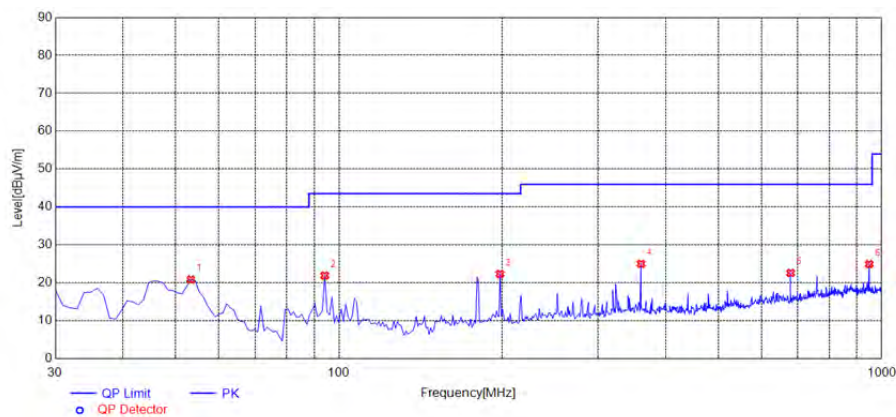
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 1212.0424  | 32.46       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1484.0968  | 33.77       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 1811.7624  | 35.27       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2231.8464  | 35.82       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2589.5179  | 37.32       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 2892.7786  | 37.86       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 1GHz to 3GHz)



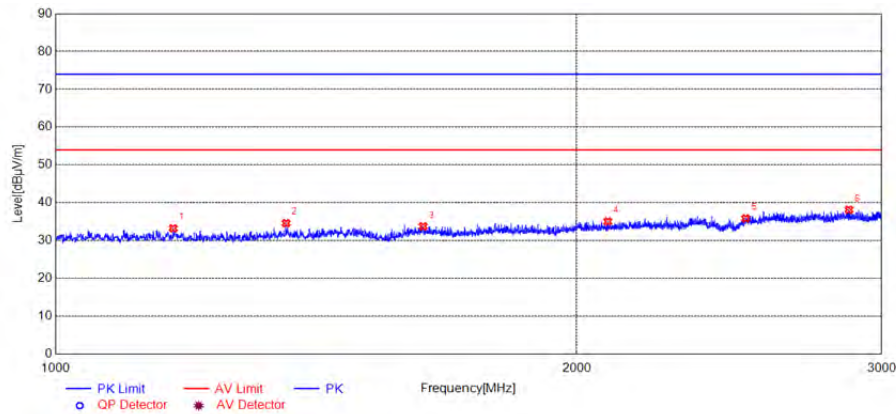
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 4479.2959  | 43.44       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 6120.6241  | 47.44       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 7212.8426  | 50.44       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 9973.3947  | 50.70       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 11941.7884 | 50.63       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 15818.5637 | 50.74       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 3GHz to 18GHz)



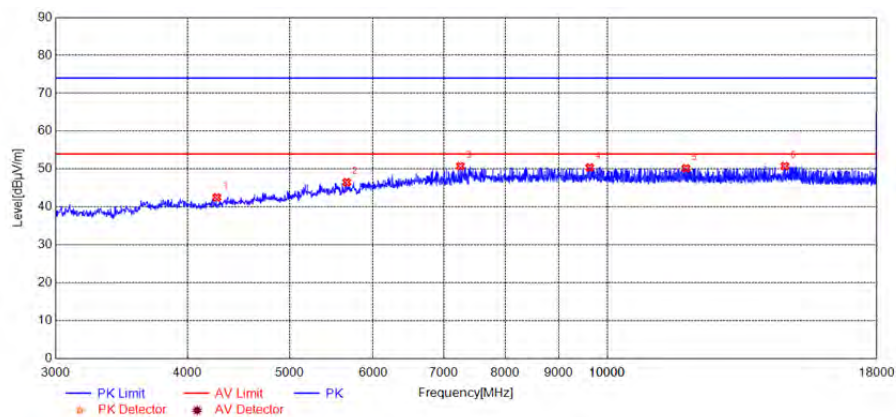
| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 53.3033    | 20.89       | N/A         | N/A         | N/A               | 40.00             | N/A               | Vertical | PASS    |
| 94.0841    | 21.94       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 197.9780   | 22.35       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 360.1301   | 25.02       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |
| 679.5796   | 22.61       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |
| 948.5385   | 24.95       | N/A         | N/A         | N/A               | 46.00             | N/A               | Vertical | PASS    |

(Antenna Vertical, 30MHz to 1GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 1169.6339  | 33.23       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1358.8718  | 34.62       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 1630.5261  | 33.77       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2084.6169  | 35.07       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2503.5007  | 35.87       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 2872.3745  | 38.17       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 1GHz to 3GHz)



| 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 |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 4266.2533  | 42.54       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5664.5329  | 46.53       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 7257.8516  | 50.79       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 9625.3251  | 50.44       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 11872.7746 | 50.21       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 14732.3465 | 50.78       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 3GHz to 18GHz)

END OF REPORT