



3DH5\_Ant1\_2480\_1000~26500

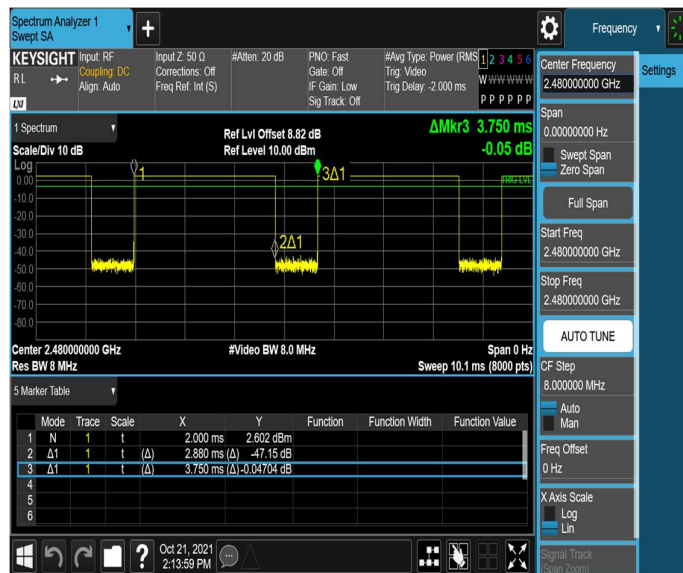
## Appendix I: Duty Cycle

### Test Result

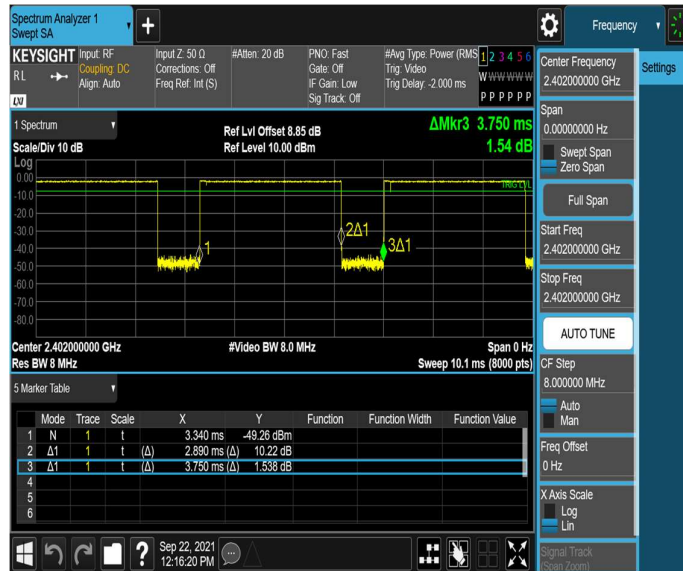
| TestMode | Antenna | Channel | ON Time<br>[ms] | Period<br>[ms] | X      | DC<br>[%] | xFactor | Limit | Verdict |
|----------|---------|---------|-----------------|----------------|--------|-----------|---------|-------|---------|
| DH5      | Ant1    | 2402    | 2.88            | 3.74           | 0.7701 | 77.01     | 1.13    | ---   | PASS    |
|          |         | 2441    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |
|          |         | 2480    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |
| 2DH5     | Ant1    | 2402    | 2.89            | 3.75           | 0.7707 | 77.07     | 1.13    | ---   | PASS    |
|          |         | 2441    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |
|          |         | 2480    | 2.89            | 3.75           | 0.7707 | 77.07     | 1.13    | ---   | PASS    |
| 3DH5     | Ant1    | 2402    | 2.89            | 3.75           | 0.7707 | 77.07     | 1.13    | ---   | PASS    |
|          |         | 2441    | 2.89            | 3.75           | 0.7707 | 77.07     | 1.13    | ---   | PASS    |
|          |         | 2480    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |

## Test Graphs

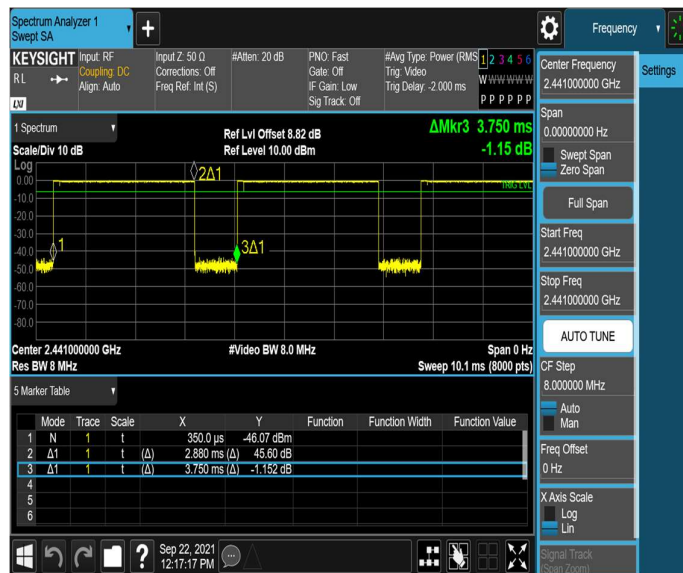




DH5\_Ant1\_2480



2DH5\_Ant1\_2402



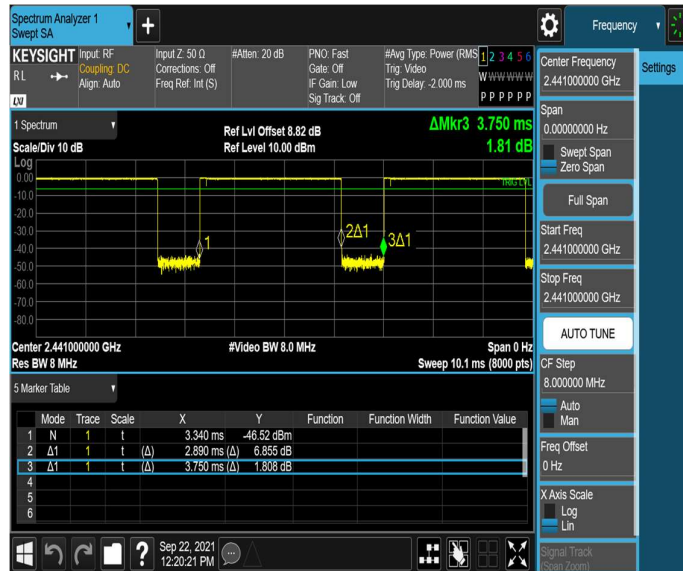
2DH5\_Ant1\_2441



2DH5\_Ant1\_2480



3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



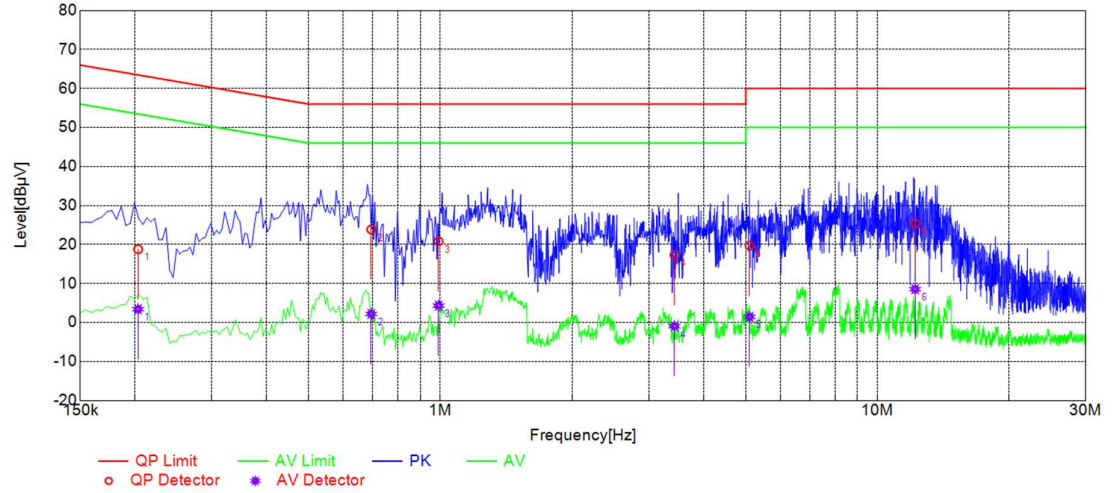
3DH5\_Ant1\_2480

## Appendix J: Conducted emission AC power port

### Test Result

|       |    |          |           |
|-------|----|----------|-----------|
| Mode: | BT | Voltage: | 120V/60Hz |
|-------|----|----------|-----------|

Test Graph

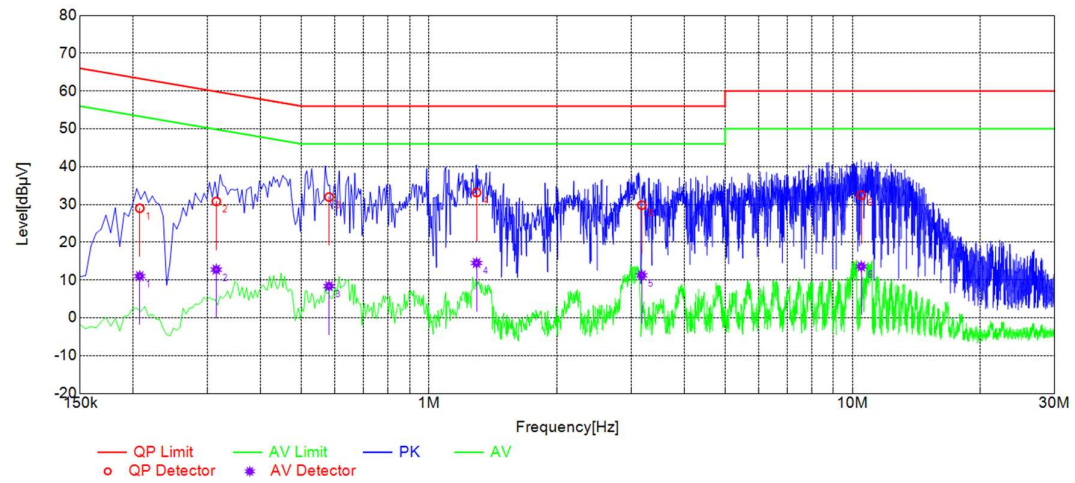


| NO. | Freq. [MHz] | Factor [dB] | QP Value [dBμV] | QP Limit [dBμV] | QP Margin [dB] | AV Value [dBμV] | AV Limit [dBμV] | AV Margin [dB] | Polarity | Verdict |
|-----|-------------|-------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|----------|---------|
| 1   | 0.2033      | 0.24        | 18.80           | 63.47           | 44.67          | 3.41            | 53.47           | 50.06          | N        | PASS    |
| 2   | 0.6948      | 0.27        | 23.86           | 56.00           | 32.14          | 2.21            | 46.00           | 43.79          | N        | PASS    |
| 3   | 0.9904      | 0.28        | 20.83           | 56.00           | 35.17          | 4.33            | 46.00           | 41.67          | N        | PASS    |
| 4   | 3.4348      | 0.33        | 17.31           | 56.00           | 38.69          | -0.94           | 46.00           | 46.94          | N        | PASS    |
| 5   | 5.1030      | 0.36        | 19.71           | 60.00           | 40.29          | 1.46            | 50.00           | 48.54          | N        | PASS    |
| 6   | 12.2067     | 0.53        | 25.39           | 60.00           | 34.61          | 8.54            | 50.00           | 41.46          | N        | PASS    |



|       |    |          |           |
|-------|----|----------|-----------|
| Mode: | BT | Voltage: | 120V/60Hz |
|-------|----|----------|-----------|

**Test Graph**



| NO. | Freq.<br>[MHz] | Factor<br>[dB] | QP<br>Value<br>[dBμV] | QP<br>Limit<br>[dBμV] | QP<br>Margin<br>[dB] | AV<br>Value<br>[dBμV] | AV<br>Limit<br>[dBμV] | AV<br>Margin<br>[dB] | Polarity | Verdict |
|-----|----------------|----------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------------|----------|---------|
| 1   | 0.2073         | 0.24           | 28.98                 | 63.31                 | 34.33                | 11.04                 | 53.31                 | 42.27                | L        | PASS    |
| 2   | 0.3143         | 0.25           | 30.82                 | 59.86                 | 29.04                | 12.76                 | 49.86                 | 37.10                | L        | PASS    |
| 3   | 0.5802         | 0.26           | 31.96                 | 56.00                 | 24.04                | 8.39                  | 46.00                 | 37.61                | L        | PASS    |
| 4   | 1.2944         | 0.31           | 33.14                 | 56.00                 | 22.86                | 14.52                 | 46.00                 | 31.48                | L        | PASS    |
| 5   | 3.1784         | 0.37           | 29.80                 | 56.00                 | 26.20                | 11.26                 | 46.00                 | 34.74                | L        | PASS    |
| 6   | 10.4856        | 0.54           | 32.45                 | 60.00                 | 27.55                | 13.59                 | 50.00                 | 36.41                | L        | PASS    |

## Appendix K: Radiated emissions for transmitter

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

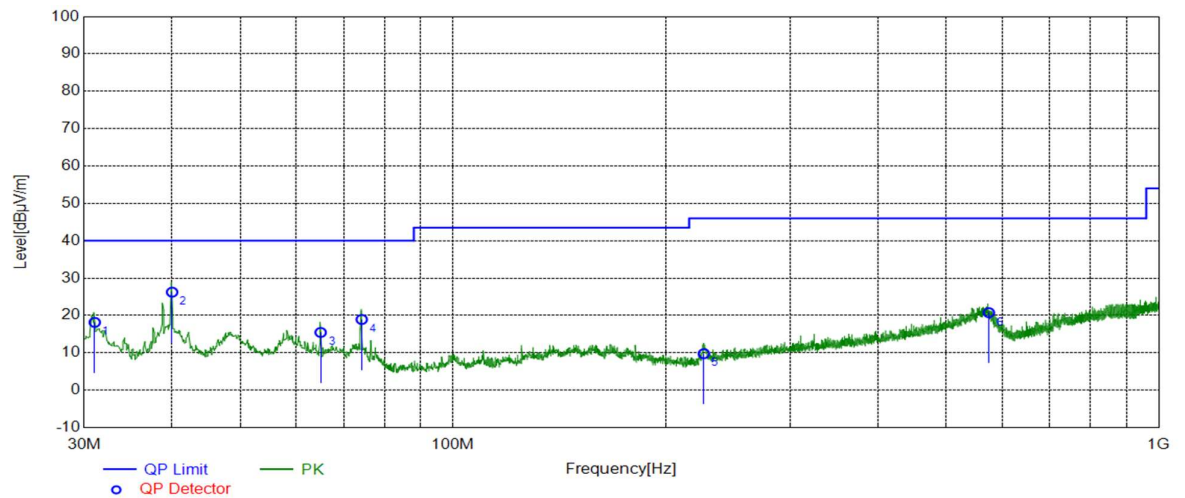
Above 1GHz, The emission level with margin less than 20db is recorded.

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

30MHz-1GHz

|       |          |          |      |
|-------|----------|----------|------|
| Mode: | DH5 2402 | Voltage: | 120V |
|-------|----------|----------|------|

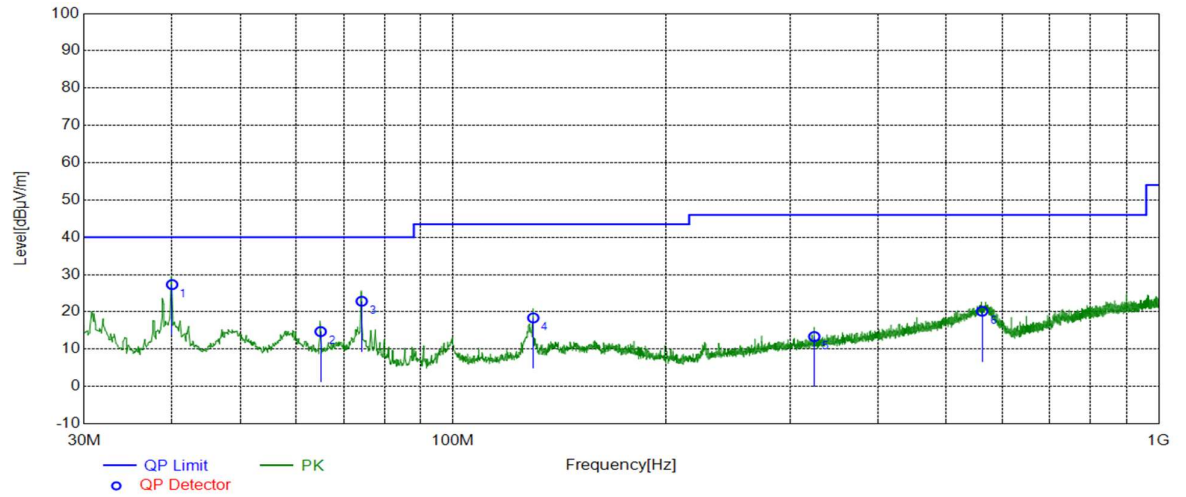
### Test Graph



| QP Final Data List |             |               |                   |                   |                |            |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   | Verdict |
| 1                  | 31.0671     | -17.29        | 18.17             | 40.00             | 21.83          | Horizontal | PASS    |
| 2                  | 39.9920     | -15.82        | 26.26             | 40.00             | 13.74          | Horizontal | PASS    |
| 3                  | 64.9235     | -17.22        | 15.48             | 40.00             | 24.52          | Horizontal | PASS    |
| 4                  | 74.2364     | -19.23        | 18.94             | 40.00             | 21.06          | Horizontal | PASS    |
| 5                  | 226.638     | -18.62        | 9.79              | 46.00             | 36.21          | Horizontal | PASS    |
| 6                  | 574.321     | -9.91         | 20.76             | 46.00             | 25.24          | Horizontal | PASS    |

|       |          |          |      |
|-------|----------|----------|------|
| Mode: | DH5 2402 | Voltage: | 120V |
|-------|----------|----------|------|

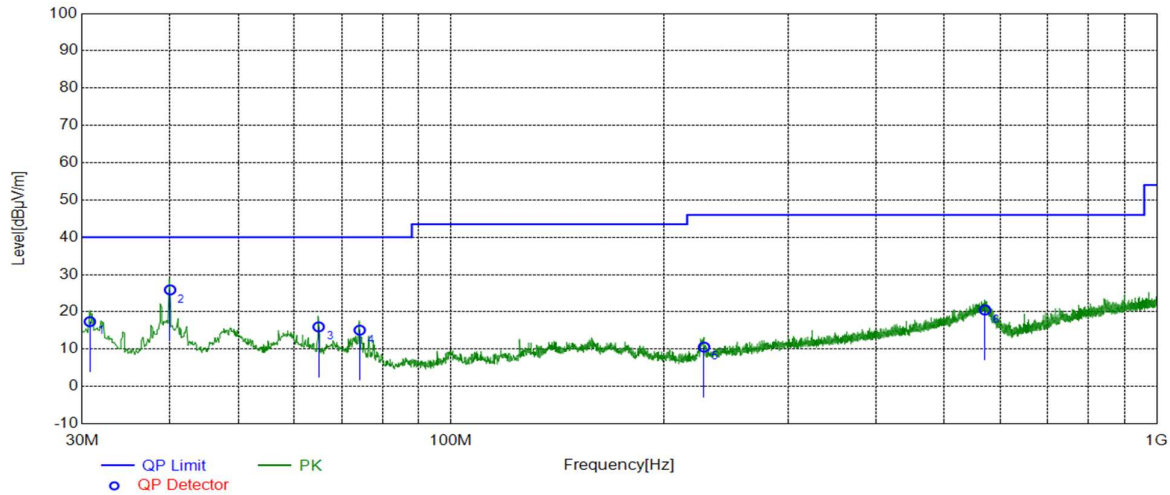
**Test Graph**



| QP Final Data List |             |               |                   |                   |                |          |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity | Verdict |
| 1                  | 39.9920     | -15.82        | 27.32             | 40.00             | 12.68          | Vertical | PASS    |
| 2                  | 64.9235     | -17.22        | 14.72             | 40.00             | 25.28          | Vertical | PASS    |
| 3                  | 74.2364     | -19.23        | 22.86             | 40.00             | 17.14          | Vertical | PASS    |
| 4                  | 129.920     | -17.43        | 18.39             | 43.50             | 25.11          | Vertical | PASS    |
| 5                  | 324.909     | -15.14        | 13.39             | 46.00             | 32.61          | Vertical | PASS    |
| 6                  | 561.807     | -10.17        | 20.19             | 46.00             | 25.81          | Vertical | PASS    |

|       |          |          |      |
|-------|----------|----------|------|
| Mode: | DH5 2441 | Voltage: | 120V |
|-------|----------|----------|------|

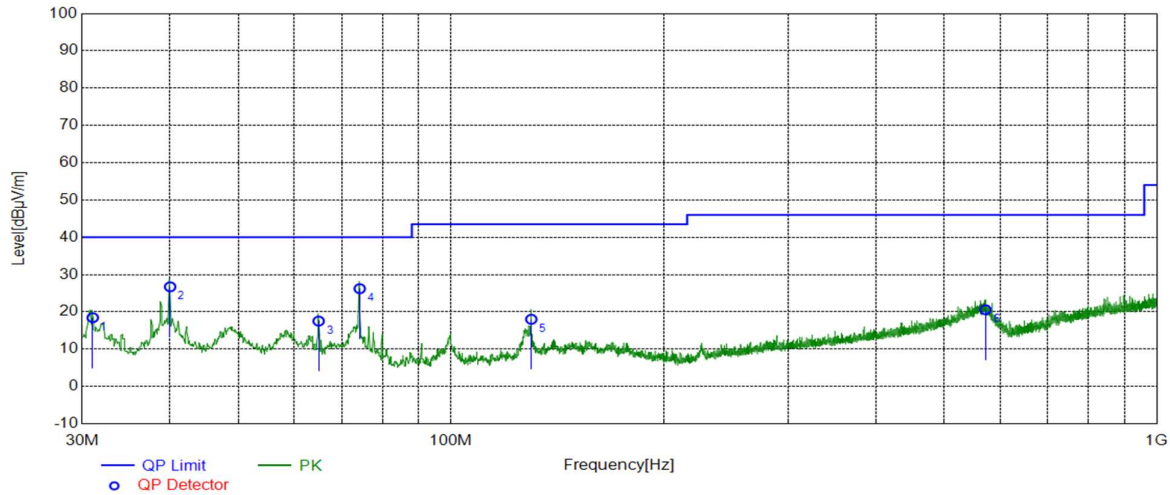
**Test Graph**



| QP Final Data List |             |               |                   |                   |                |            |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   | Verdict |
| 1                  | 30.7761     | -17.34        | 17.39             | 40.00             | 22.61          | Horizontal | PASS    |
| 2                  | 39.9920     | -15.82        | 25.91             | 40.00             | 14.09          | Horizontal | PASS    |
| 3                  | 64.9235     | -17.22        | 15.99             | 40.00             | 24.01          | Horizontal | PASS    |
| 4                  | 74.2364     | -19.23        | 15.10             | 40.00             | 24.90          | Horizontal | PASS    |
| 5                  | 228.287     | -18.48        | 10.57             | 46.00             | 35.43          | Horizontal | PASS    |
| 6                  | 570.829     | -9.98         | 20.50             | 46.00             | 25.50          | Horizontal | PASS    |

|       |          |          |      |
|-------|----------|----------|------|
| Mode: | DH5 2441 | Voltage: | 120V |
|-------|----------|----------|------|

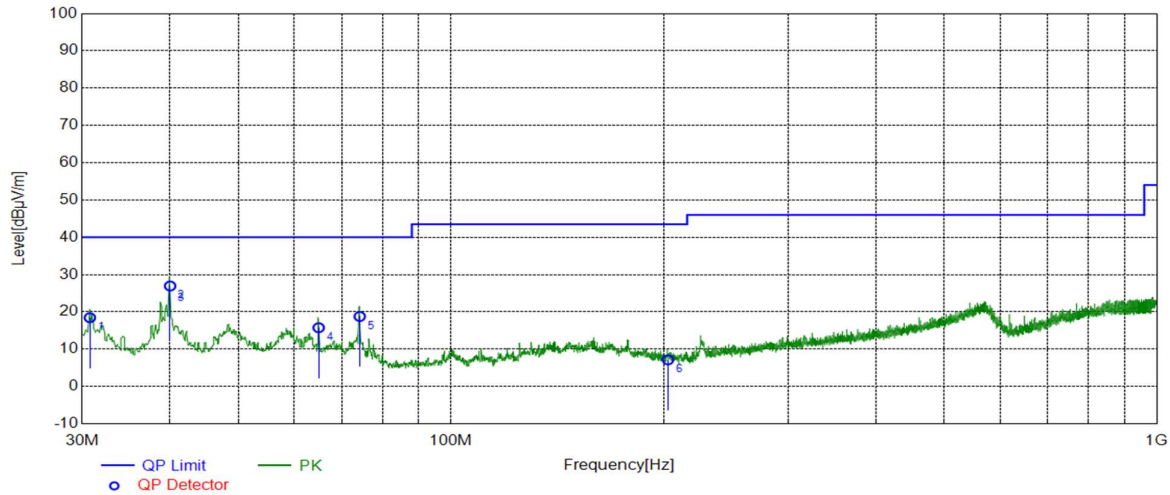
**Test Graph**



| QP Final Data List |             |               |                   |                   |                |          |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity | Verdict |
| 1                  | 31.0671     | -17.29        | 18.45             | 40.00             | 21.55          | Vertical | PASS    |
| 2                  | 39.9920     | -15.82        | 26.73             | 40.00             | 13.27          | Vertical | PASS    |
| 3                  | 64.9235     | -17.22        | 17.54             | 40.00             | 22.46          | Vertical | PASS    |
| 4                  | 74.2364     | -19.23        | 26.22             | 40.00             | 13.78          | Vertical | PASS    |
| 5                  | 129.920     | -17.43        | 18.02             | 43.50             | 25.48          | Vertical | PASS    |
| 6                  | 571.702     | -9.97         | 20.58             | 46.00             | 25.42          | Vertical | PASS    |

|       |          |          |      |
|-------|----------|----------|------|
| Mode: | DH5 2480 | Voltage: | 120V |
|-------|----------|----------|------|

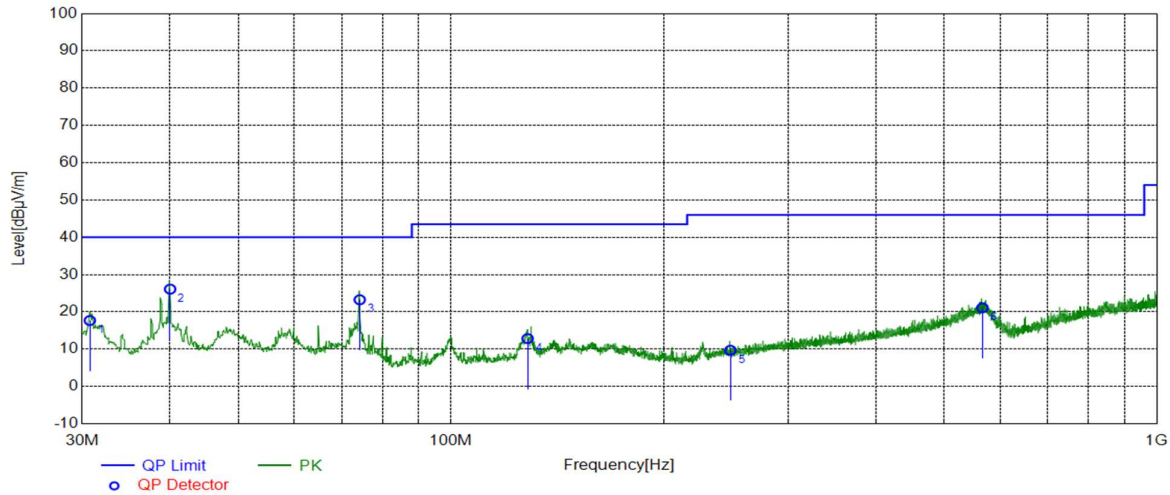
**Test Graph**



| QP Final Data List |             |               |                   |                   |                |            |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   | Verdict |
| 1                  | 30.7761     | -17.34        | 18.46             | 40.00             | 21.54          | Horizontal | PASS    |
| 2                  | 39.9920     | -15.82        | 26.94             | 40.00             | 13.06          | Horizontal | PASS    |
| 3                  | 39.9920     | -15.82        | 26.30             | 40.00             | 13.70          | Horizontal | PASS    |
| 4                  | 64.9235     | -17.22        | 15.76             | 40.00             | 24.24          | Horizontal | PASS    |
| 5                  | 74.2364     | -19.23        | 18.78             | 40.00             | 21.22          | Horizontal | PASS    |
| 6                  | 202.871     | -19.02        | 7.15              | 43.50             | 36.35          | Horizontal | PASS    |

|       |          |          |      |
|-------|----------|----------|------|
| Mode: | DH5 2480 | Voltage: | 120V |
|-------|----------|----------|------|

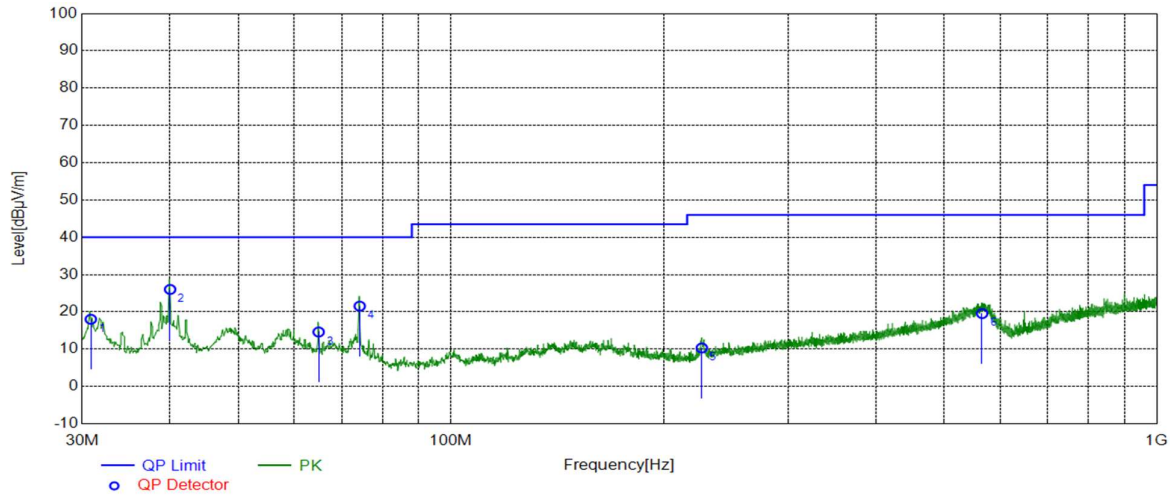
**Test Graph**



| QP Final Data List |             |               |                   |                   |                |          |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity | Verdict |
| 1                  | 30.7761     | -17.34        | 17.69             | 40.00             | 22.31          | Vertical | PASS    |
| 2                  | 39.9920     | -15.82        | 26.11             | 40.00             | 13.89          | Vertical | PASS    |
| 3                  | 74.2364     | -19.23        | 23.26             | 40.00             | 16.74          | Vertical | PASS    |
| 4                  | 128.367     | -17.63        | 12.84             | 43.50             | 30.66          | Vertical | PASS    |
| 5                  | 248.756     | -17.34        | 9.72              | 46.00             | 36.28          | Vertical | PASS    |
| 6                  | 566.075     | -10.08        | 21.09             | 46.00             | 24.91          | Vertical | PASS    |

|       |           |          |      |
|-------|-----------|----------|------|
| Mode: | 2DH5 2402 | Voltage: | 120V |
|-------|-----------|----------|------|

**Test Graph**

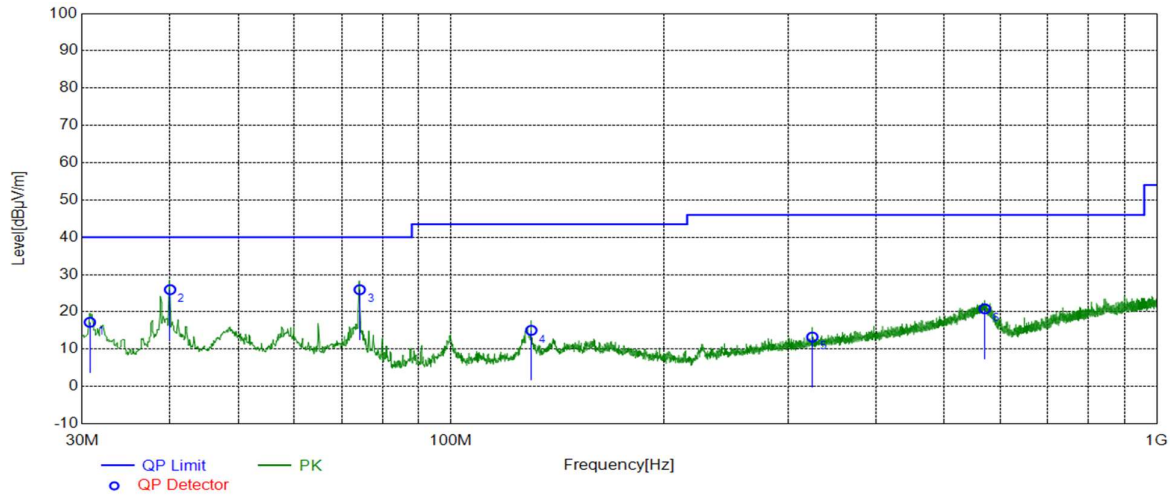


| QP Final Data List |             |               |                   |                   |                |            |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   | Verdict |
| 1                  | 30.8731     | -17.33        | 18.02             | 40.00             | 21.98          | Horizontal | PASS    |
| 2                  | 39.9920     | -15.82        | 26.02             | 40.00             | 13.98          | Horizontal | PASS    |
| 3                  | 64.9235     | -17.22        | 14.61             | 40.00             | 25.39          | Horizontal | PASS    |
| 4                  | 74.2364     | -19.23        | 21.55             | 40.00             | 18.45          | Horizontal | PASS    |
| 5                  | 226.638     | -18.62        | 10.33             | 46.00             | 35.67          | Horizontal | PASS    |
| 6                  | 565.590     | -10.09        | 19.56             | 46.00             | 26.44          | Horizontal | PASS    |



|       |           |          |      |
|-------|-----------|----------|------|
| Mode: | 2DH5 2402 | Voltage: | 120V |
|-------|-----------|----------|------|

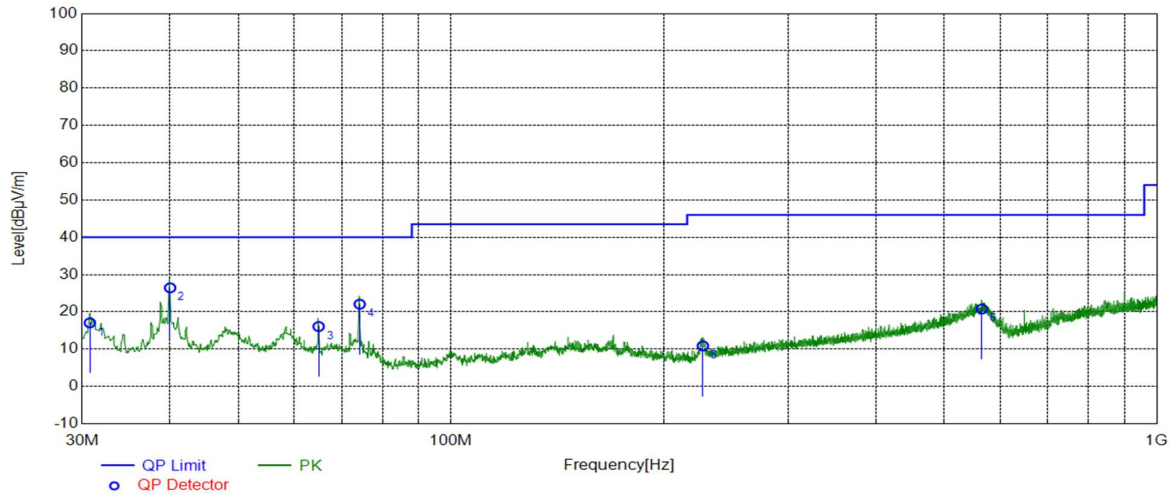
**Test Graph**



| QP Final Data List |             |               |                   |                   |                |          |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity | Verdict |
| 1                  | 30.7761     | -17.34        | 17.21             | 40.00             | 22.79          | Vertical | PASS    |
| 2                  | 39.9920     | -15.82        | 25.96             | 40.00             | 14.04          | Vertical | PASS    |
| 3                  | 74.2364     | -19.23        | 25.95             | 40.00             | 14.05          | Vertical | PASS    |
| 4                  | 129.920     | -17.43        | 15.06             | 43.50             | 28.44          | Vertical | PASS    |
| 5                  | 325.006     | -15.13        | 13.26             | 46.00             | 32.74          | Vertical | PASS    |
| 6                  | 570.538     | -9.99         | 20.83             | 46.00             | 25.17          | Vertical | PASS    |

|       |           |          |      |
|-------|-----------|----------|------|
| Mode: | 2DH5 2441 | Voltage: | 120V |
|-------|-----------|----------|------|

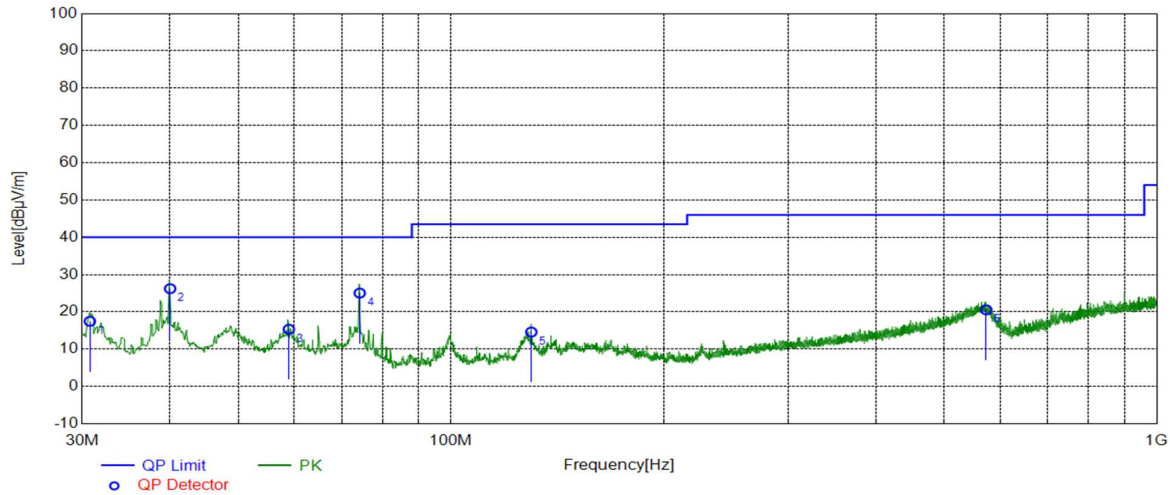
**Test Graph**



| QP Final Data List |             |               |                   |                   |                |            |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   | Verdict |
| 1                  | 30.7761     | -17.34        | 17.06             | 40.00             | 22.94          | Horizontal | PASS    |
| 2                  | 39.9920     | -15.82        | 26.46             | 40.00             | 13.54          | Horizontal | PASS    |
| 3                  | 64.9235     | -17.22        | 16.08             | 40.00             | 23.92          | Horizontal | PASS    |
| 4                  | 74.2364     | -19.23        | 22.06             | 40.00             | 17.94          | Horizontal | PASS    |
| 5                  | 227.414     | -18.55        | 10.89             | 46.00             | 35.11          | Horizontal | PASS    |
| 6                  | 565.105     | -10.10        | 20.78             | 46.00             | 25.22          | Horizontal | PASS    |

|       |           |          |      |
|-------|-----------|----------|------|
| Mode: | 2DH5 2441 | Voltage: | 120V |
|-------|-----------|----------|------|

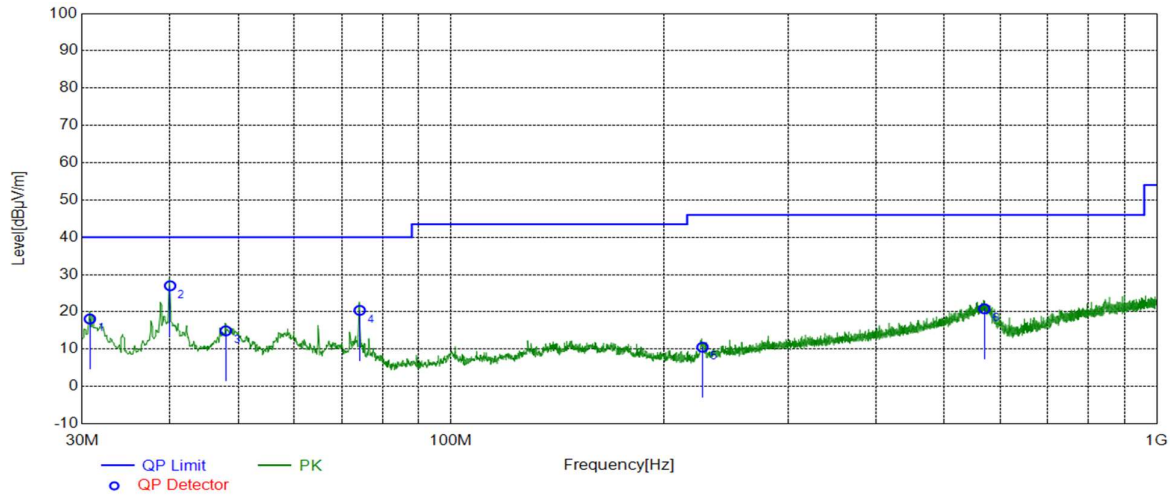
**Test Graph**



| QP Final Data List |             |               |                   |                   |                |          |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity | Verdict |
| 1                  | 30.7761     | -17.34        | 17.47             | 40.00             | 22.53          | Vertical | PASS    |
| 2                  | 39.9920     | -15.82        | 26.22             | 40.00             | 13.78          | Vertical | PASS    |
| 3                  | 58.9089     | -16.16        | 15.35             | 40.00             | 24.65          | Vertical | PASS    |
| 4                  | 74.2364     | -19.23        | 25.05             | 40.00             | 14.95          | Vertical | PASS    |
| 5                  | 129.920     | -17.43        | 14.60             | 43.50             | 28.90          | Vertical | PASS    |
| 6                  | 573.060     | -9.94         | 20.56             | 46.00             | 25.44          | Vertical | PASS    |

|       |           |          |      |
|-------|-----------|----------|------|
| Mode: | 2DH5 2480 | Voltage: | 120V |
|-------|-----------|----------|------|

**Test Graph**



| QP Final Data List |             |               |                   |                   |                |            |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   | Verdict |
| 1                  | 30.7761     | -17.34        | 18.10             | 40.00             | 21.90          | Horizontal | PASS    |
| 2                  | 39.9920     | -15.82        | 27.01             | 40.00             | 12.99          | Horizontal | PASS    |
| 3                  | 47.9468     | -15.54        | 14.92             | 40.00             | 25.08          | Horizontal | PASS    |
| 4                  | 74.2364     | -19.23        | 20.41             | 40.00             | 19.59          | Horizontal | PASS    |
| 5                  | 227.123     | -18.58        | 10.53             | 46.00             | 35.47          | Horizontal | PASS    |
| 6                  | 569.568     | -10.01        | 20.84             | 46.00             | 25.16          | Horizontal | PASS    |