

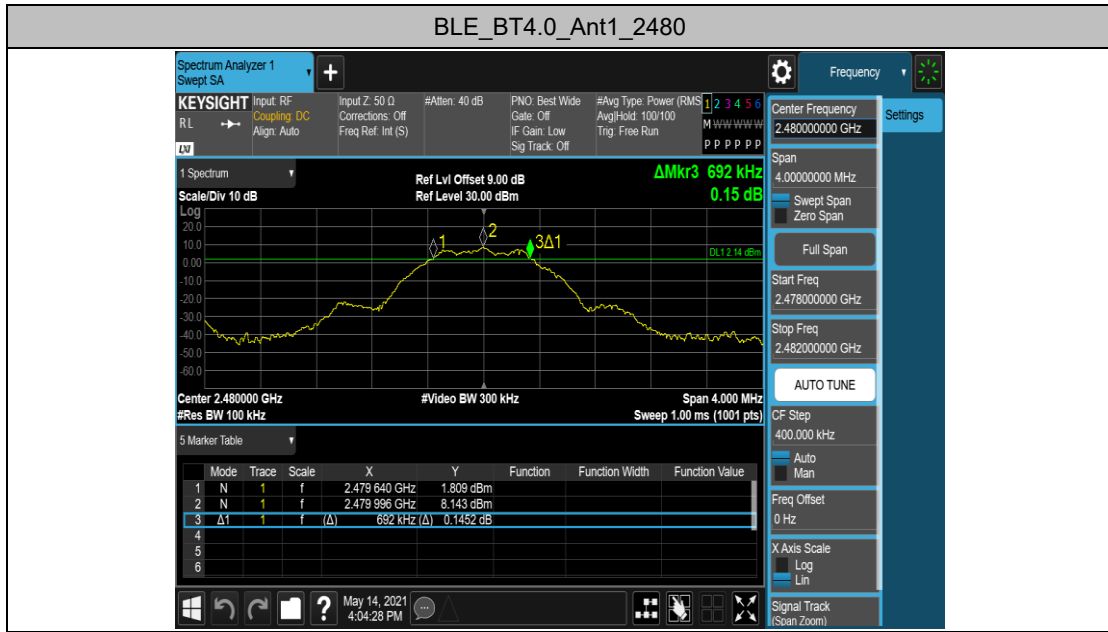
## Appendix A: DTS Bandwidth

### Test Result

| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| BLE_BT4.0 | Ant1    | 2402    | 0.696        | 2401.640 | 2402.336 | $\geq 0.5$ | PASS    |
|           |         | 2440    | 0.684        | 2439.644 | 2440.328 | $\geq 0.5$ | PASS    |
|           |         | 2480    | 0.692        | 2479.640 | 2480.332 | $\geq 0.5$ | PASS    |

## Test Graphs





## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode  | Antenna | Channel | OCB [MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|------------|---------|
| BLE_BT4.0 | Ant1    | 2402    | 1.0283    | ---        | PASS    |
|           |         | 2440    | 1.0219    | ---        | PASS    |
|           |         | 2480    | 1.0311    | ---        | PASS    |

## Test Graphs





## Appendix C: Maximum conducted output power

### Test Result

| TestMode  | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| BLE_BT4.0 | Ant1    | 2402    | 7.22        | <=30       | PASS    |
|           |         | 2440    | 8.09        | <=30       | PASS    |
|           |         | 2480    | 8.38        | <=30       | PASS    |

## Appendix D: Maximum power spectral density

### Test Result

| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| BLE_BT4.0 | Ant1    | 2402    | -0.69                | <=8             | PASS    |
|           |         | 2440    | 0.21                 | <=8             | PASS    |
|           |         | 2480    | 0.49                 | <=8             | PASS    |



## Test Graphs



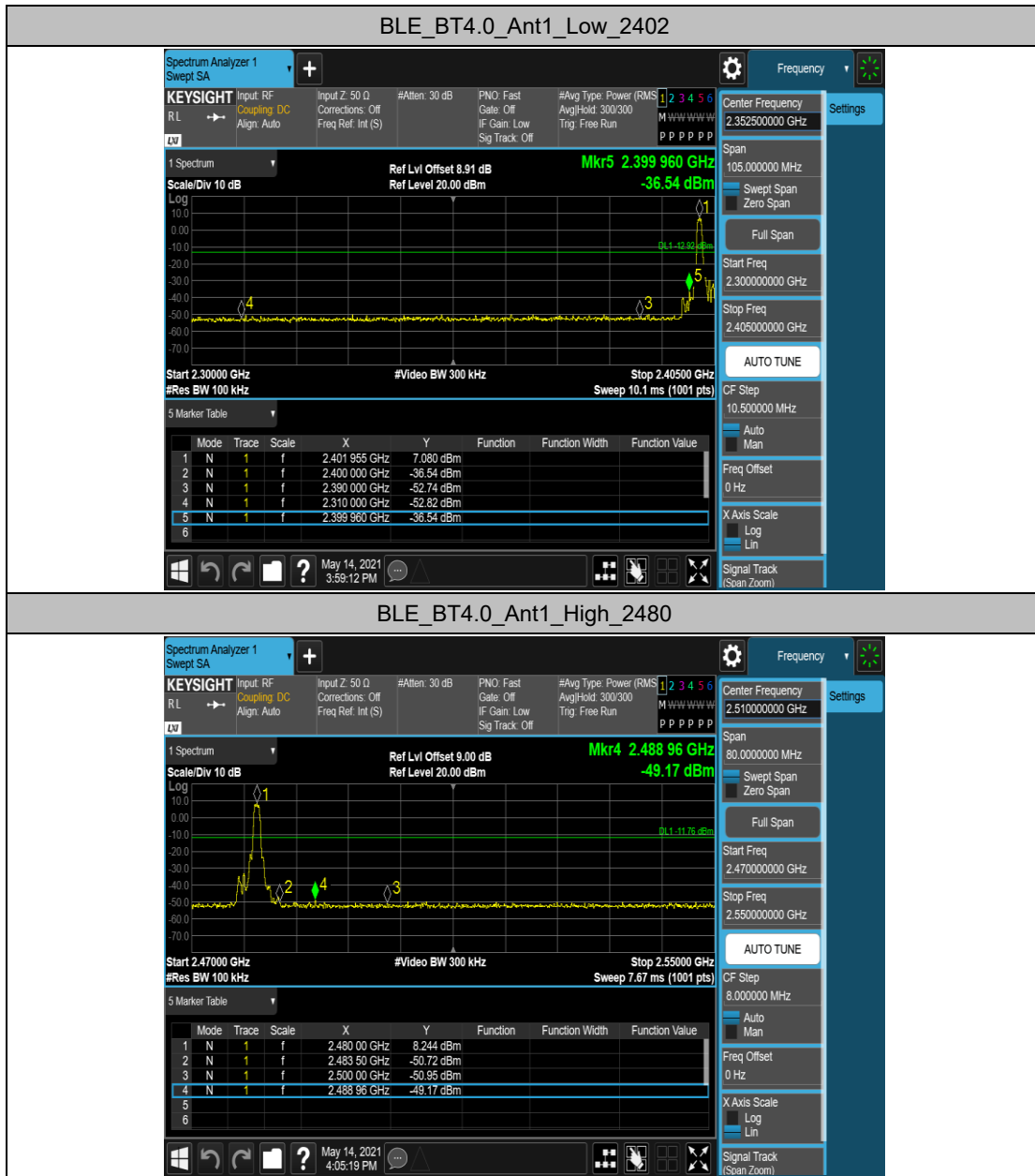


## Appendix E: Band edge measurements

### Test Result

| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| BLE_BT4.0 | Ant1    | Low    | 2402    | 7.08          | -36.54      | <=-12.92   | PASS    |
|           |         | High   | 2480    | 8.24          | -49.17      | <=-11.76   | PASS    |

## Test Graphs

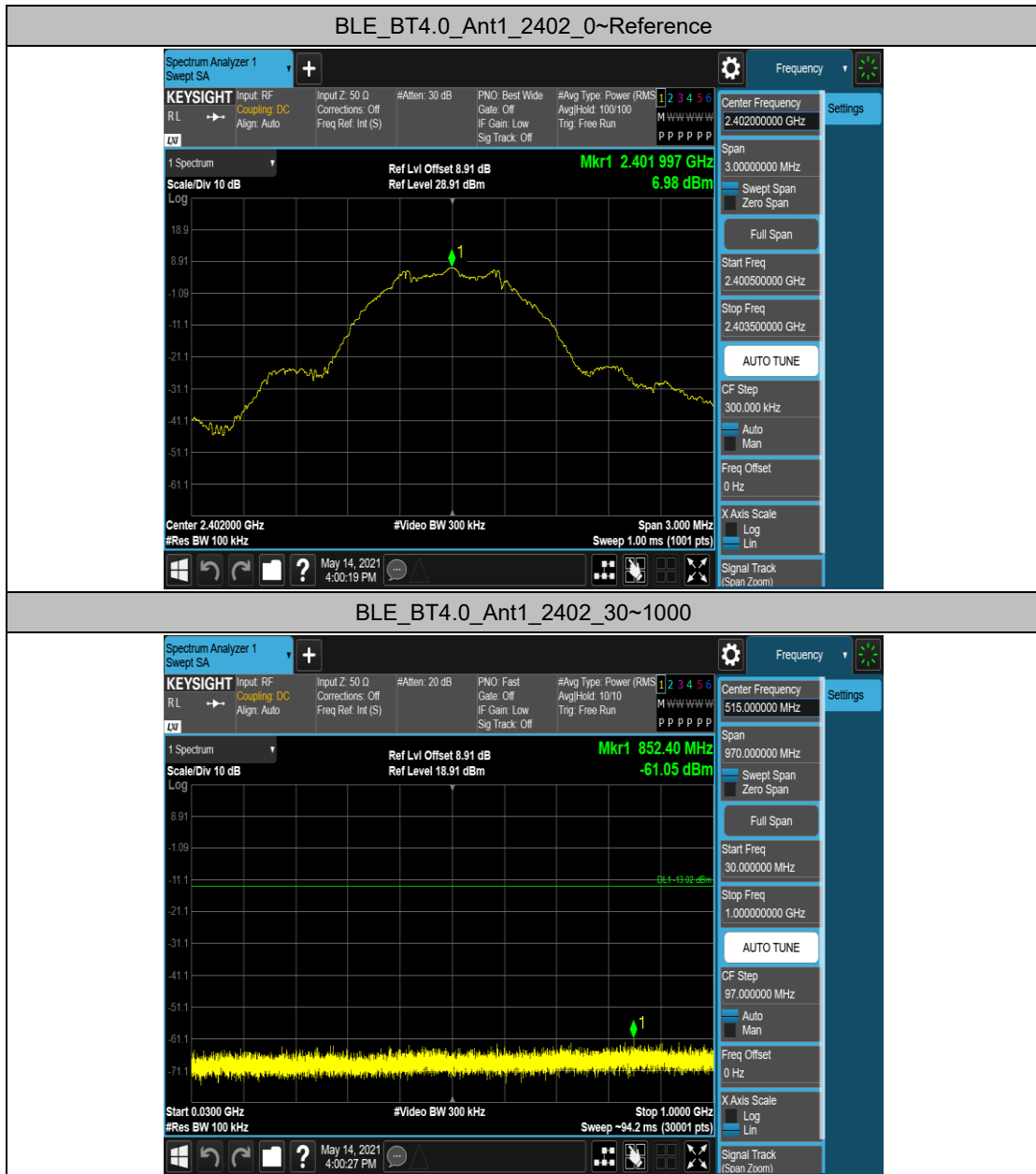


## Appendix F: Conducted Spurious Emission

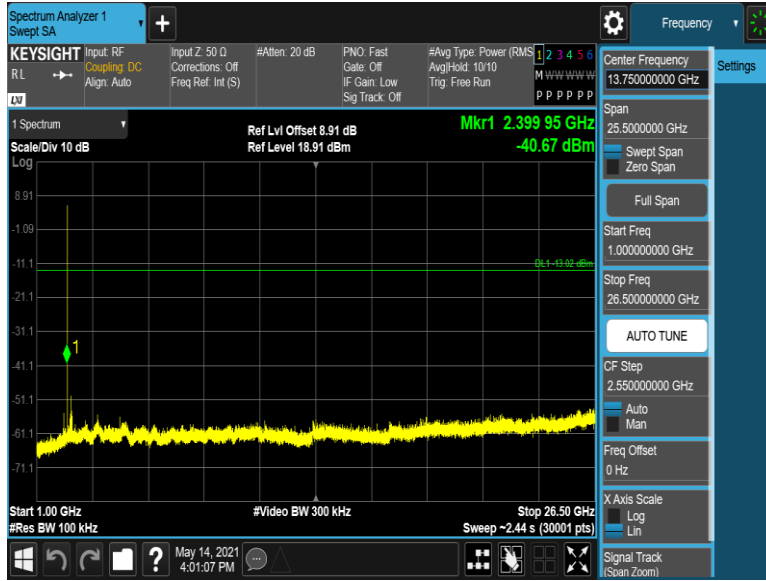
### Test Result

| TestMode  | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-----------------|----------------|-------------|------------|---------|
| BLE_BT4.0 | Ant1    | 2402    | Reference       | 6.98           | 6.98        | ---        | PASS    |
|           |         |         | 30~1000         | 30~1000        | -61.052     | <=-13.024  | PASS    |
|           |         |         | 1000~2650<br>0  | 1000~2650<br>0 | -40.673     | <=-13.024  | PASS    |
|           |         | 2440    | Reference       | 7.91           | 7.91        | ---        | PASS    |
|           |         |         | 30~1000         | 30~1000        | -62.306     | <=-12.095  | PASS    |
|           |         |         | 1000~2650<br>0  | 1000~2650<br>0 | -48.541     | <=-12.095  | PASS    |
|           |         | 2480    | Reference       | 8.13           | 8.13        | ---        | PASS    |
|           |         |         | 30~1000         | 30~1000        | -61.588     | <=-11.868  | PASS    |
|           |         |         | 1000~2650<br>0  | 1000~2650<br>0 | -50.056     | <=-11.868  | PASS    |

## Test Graphs

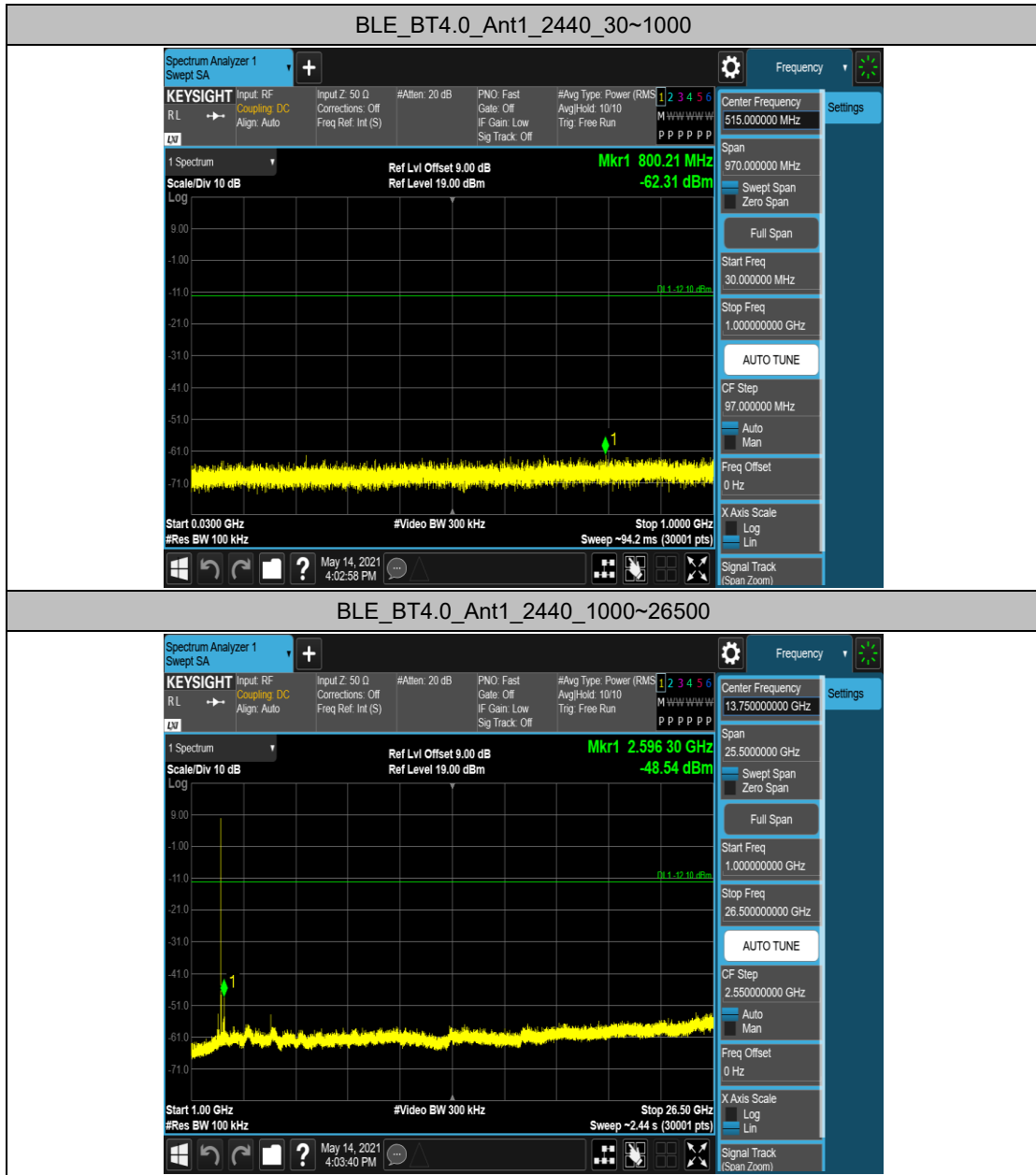


## BLE\_BT4.0\_Ant1\_2402\_1000~26500

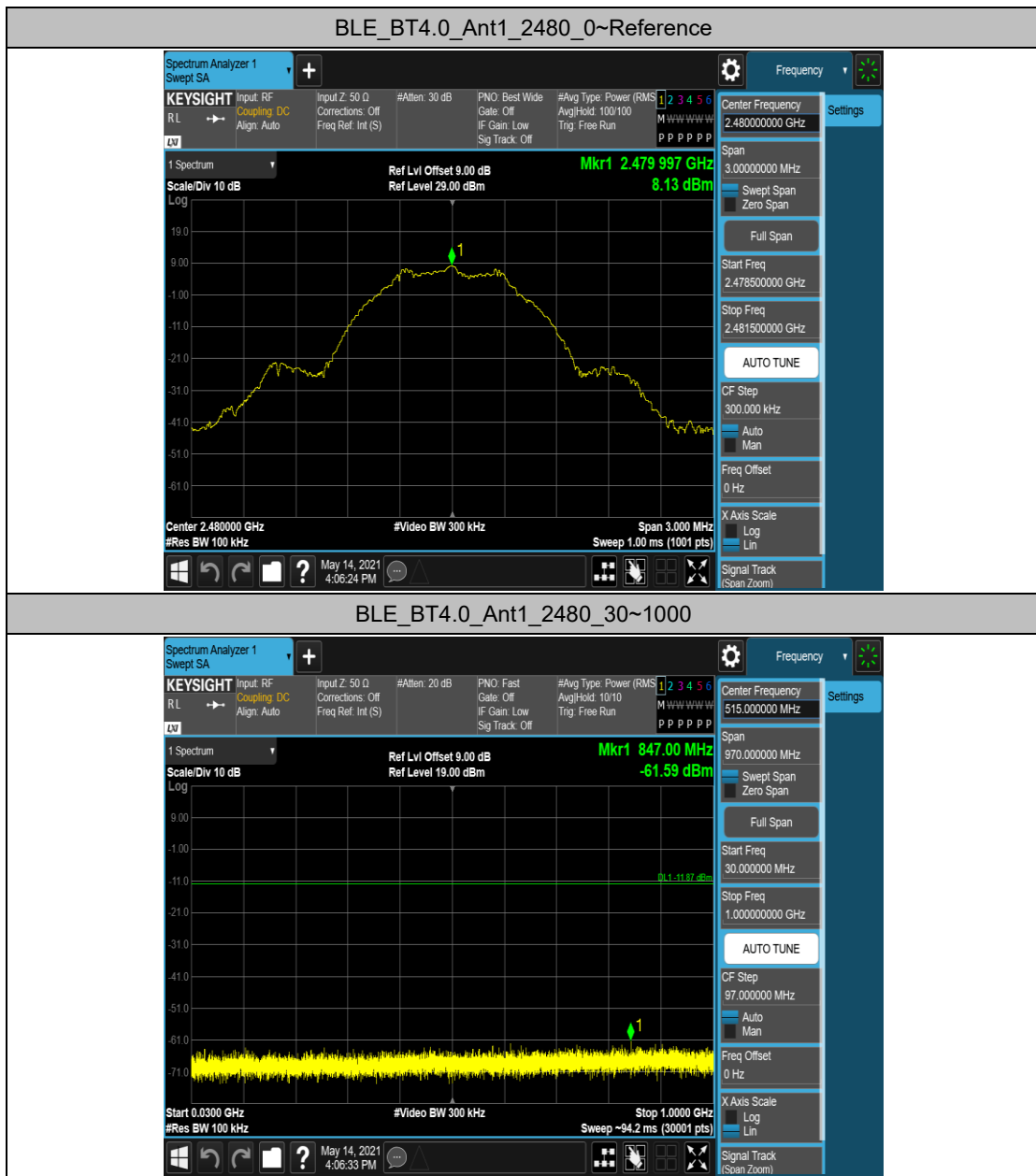


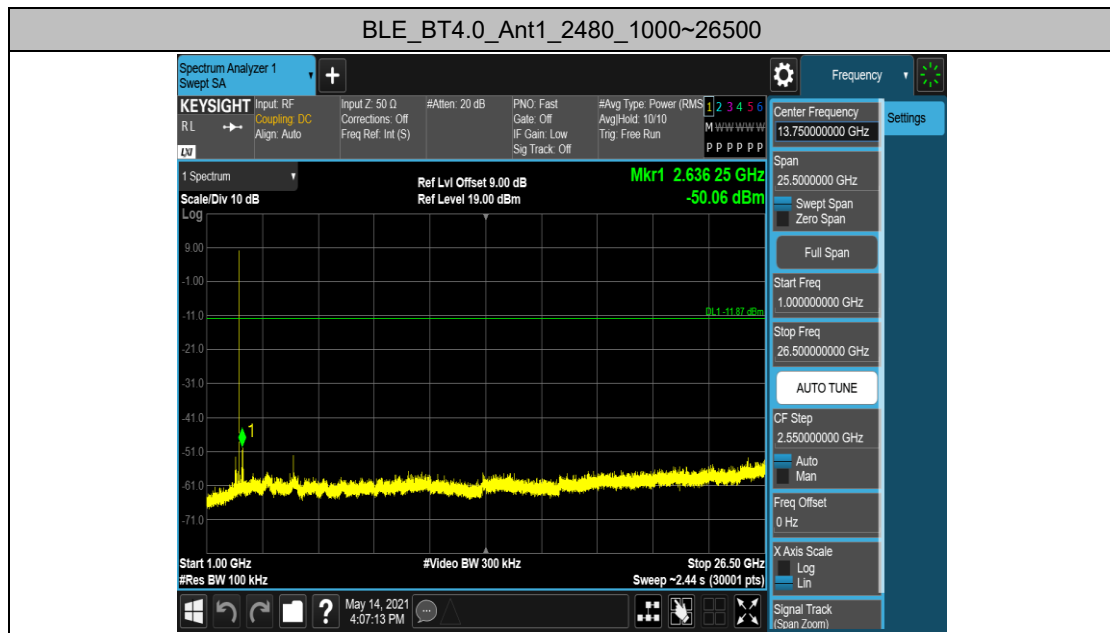
## BLE\_BT4.0\_Ant1\_2440\_0~Reference









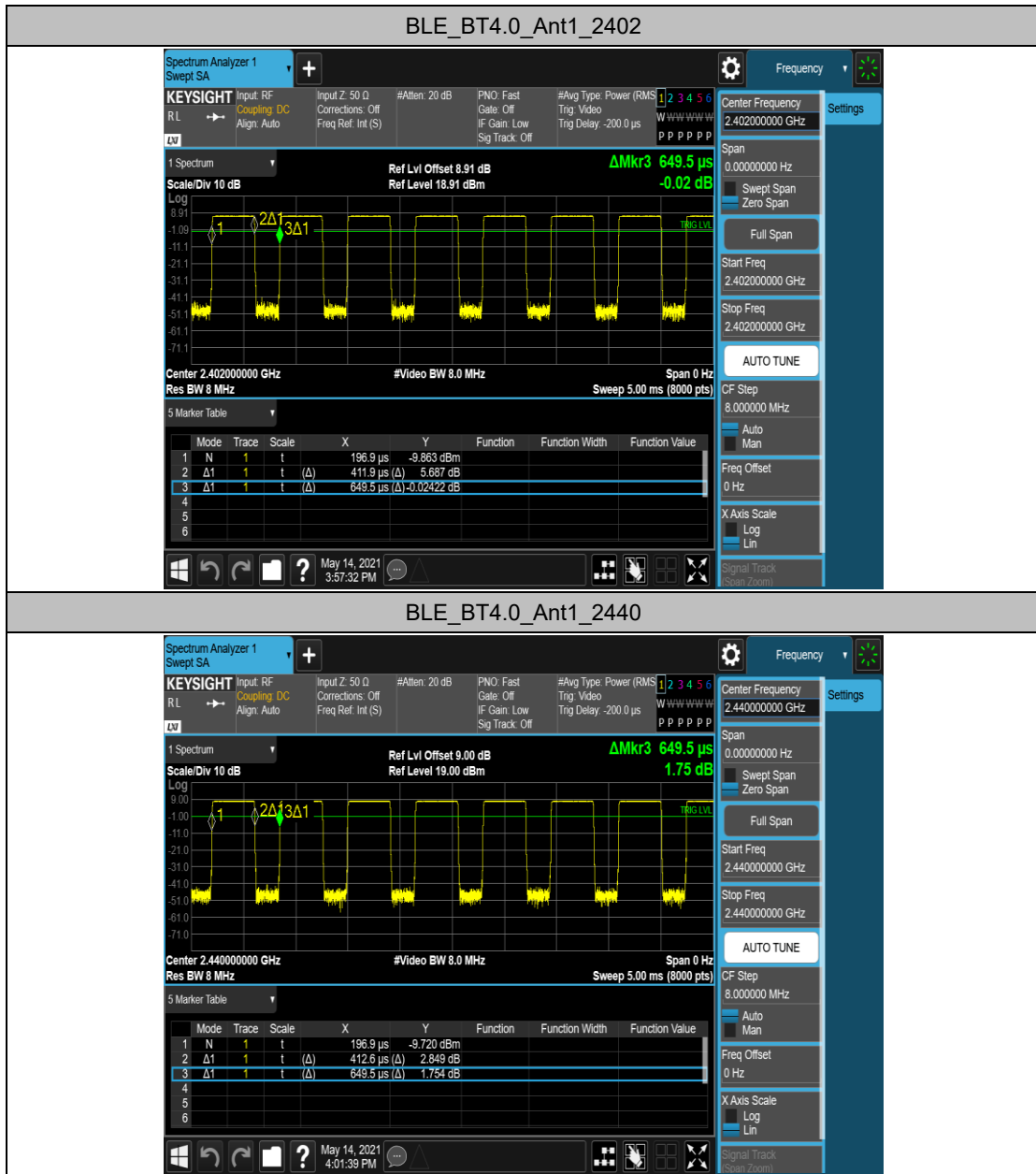


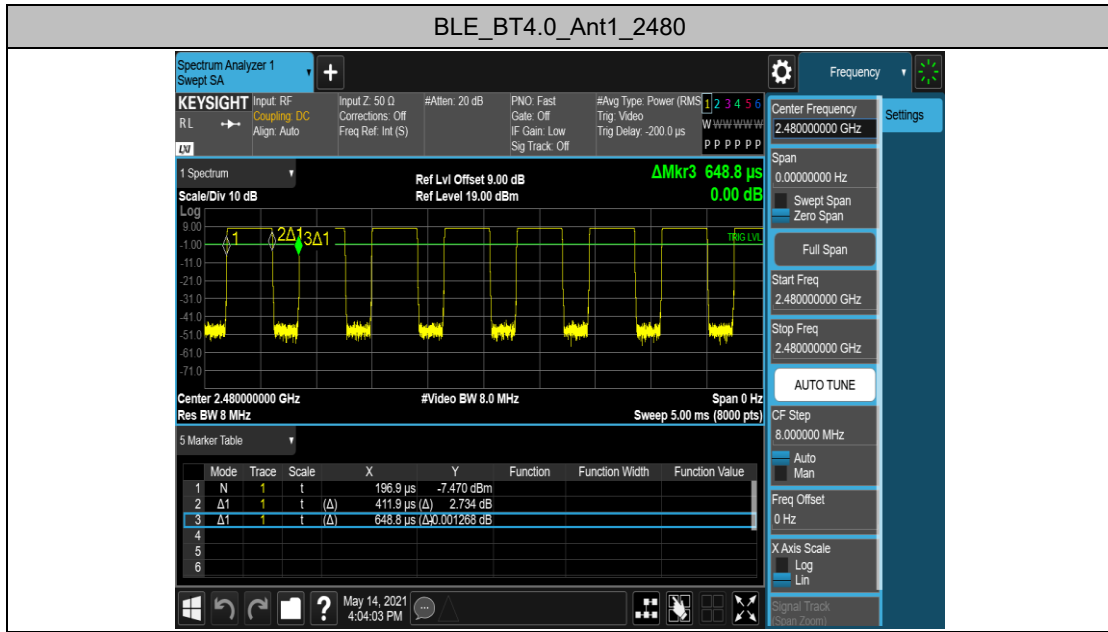
## Appendix G: Duty Cycle

### Test Result

| TestMode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| BLE_BT4.0 | Ant1    | 2402    | 0.41                       | 0.65                     | 63.43          | ---   | PASS    |
|           |         | 2440    | 0.41                       | 0.65                     | 63.52          | ---   | PASS    |
|           |         | 2480    | 0.41                       | 0.65                     | 63.49          | ---   | PASS    |

## Test Graphs



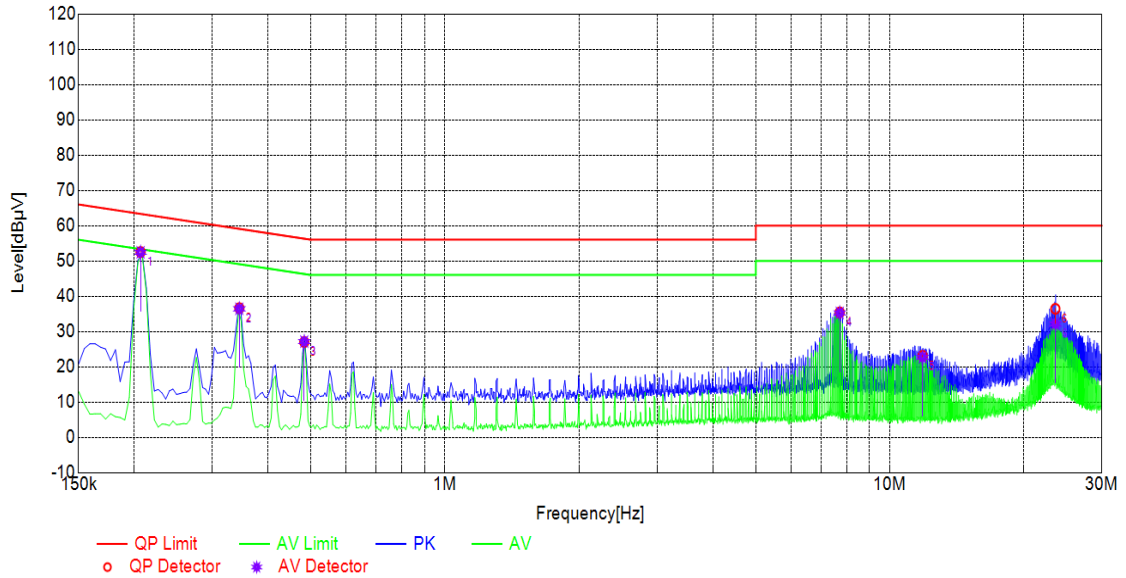


## Appendix H: Conducted emission AC power port

PVX10

|       |     |          |      |
|-------|-----|----------|------|
| Mode: | BLE | Voltage: | 120V |
|-------|-----|----------|------|

### Test Graph

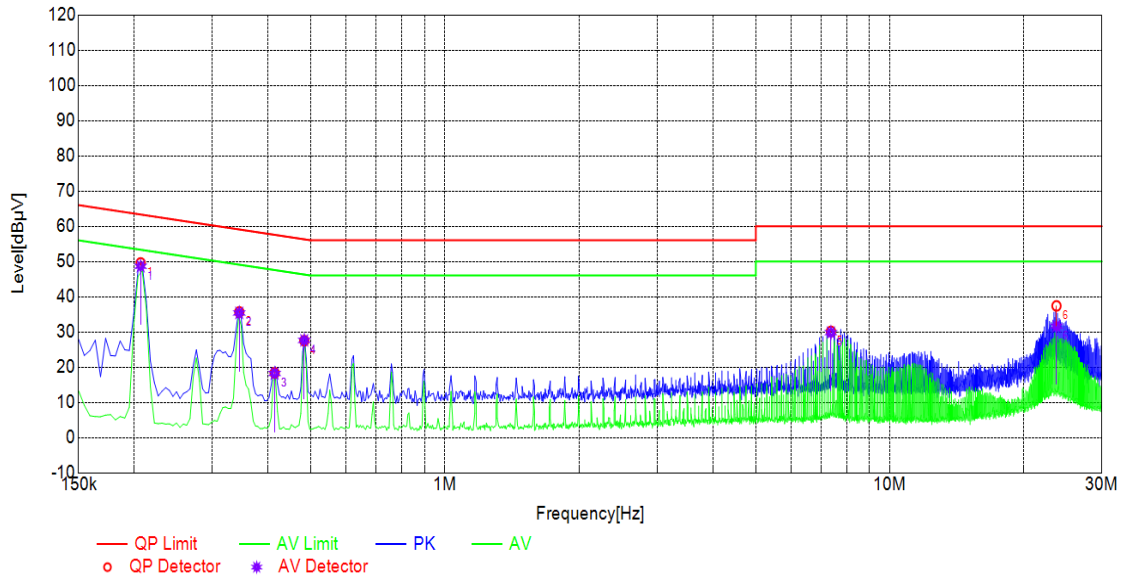


### Final Data List

| 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   | 0.2067      | 10.25       | 52.54           | 63.34           | 10.80          | 52.45           | 53.34           | 0.89           | L        | PASS    |
| 2   | 0.3447      | 10.25       | 36.63           | 59.09           | 22.46          | 36.43           | 49.09           | 12.66          | L        | PASS    |
| 3   | 0.4825      | 10.27       | 27.02           | 56.30           | 29.28          | 27.15           | 46.30           | 19.15          | L        | PASS    |
| 4   | 7.7212      | 10.47       | 35.44           | 60.00           | 24.56          | 35.27           | 50.00           | 14.73          | L        | PASS    |
| 5   | 11.8577     | 10.57       | 23.12           | 60.00           | 36.88          | 22.70           | 50.00           | 27.30          | L        | PASS    |
| 6   | 23.5775     | 10.78       | 36.44           | 60.00           | 23.56          | 32.12           | 50.00           | 17.88          | L        | PASS    |

|       |     |          |      |
|-------|-----|----------|------|
| Mode: | BLE | Voltage: | 120V |
|-------|-----|----------|------|

### Test Graph

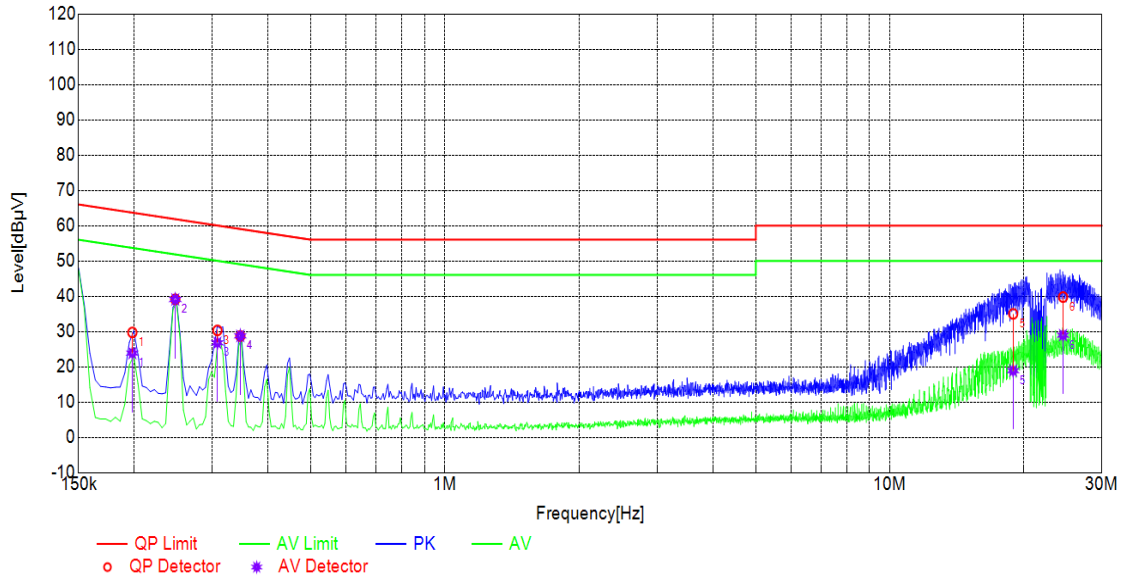


| Final Data List |             |             |                 |                 |                |                 |                 |                |          |         |
|-----------------|-------------|-------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|----------|---------|
| 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               | 0.2068      | 10.25       | 49.59           | 63.33           | 13.74          | 48.65           | 53.33           | 4.68           | N        | PASS    |
| 2               | 0.3446      | 10.25       | 35.68           | 59.09           | 23.41          | 35.39           | 49.09           | 13.70          | N        | PASS    |
| 3               | 0.4138      | 10.27       | 18.37           | 57.57           | 39.20          | 18.22           | 47.57           | 29.35          | N        | PASS    |
| 4               | 0.4825      | 10.27       | 27.51           | 56.30           | 28.79          | 27.61           | 46.30           | 18.69          | N        | PASS    |
| 5               | 7.3759      | 10.41       | 30.15           | 60.00           | 29.85          | 29.80           | 50.00           | 20.20          | N        | PASS    |
| 6               | 23.7165     | 10.75       | 37.40           | 60.00           | 22.60          | 31.67           | 50.00           | 18.33          | N        | PASS    |

PVX15

|       |     |          |      |
|-------|-----|----------|------|
| Mode: | BLE | Voltage: | 120v |
|-------|-----|----------|------|

**Test Graph**

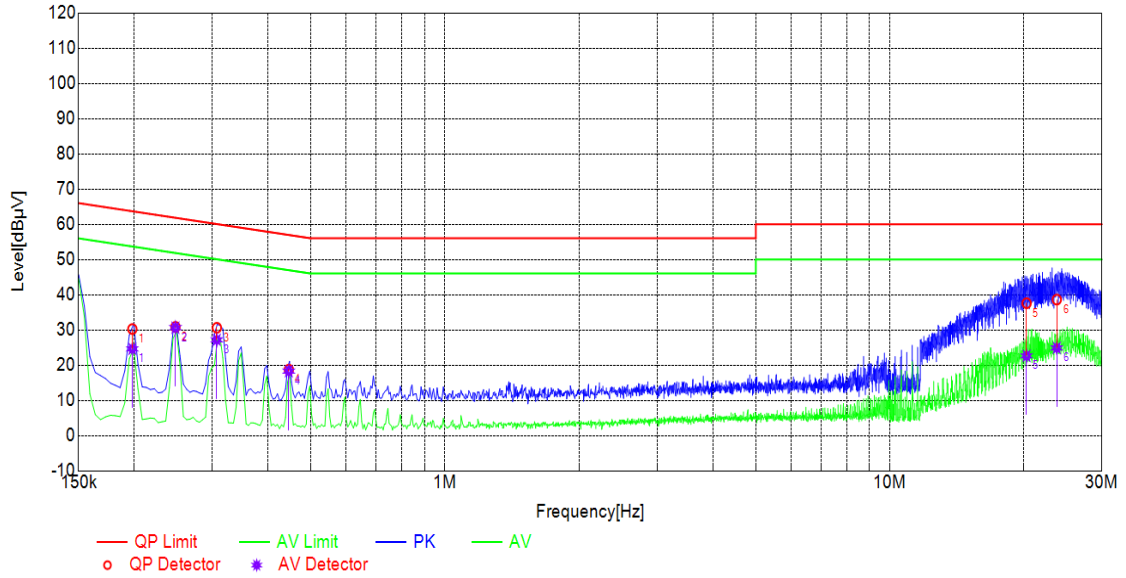


| Final Data List |             |             |                 |                 |                |                 |                 |                |          |         |
|-----------------|-------------|-------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|----------|---------|
| 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               | 0.1981      | 10.24       | 29.73           | 63.69           | 33.96          | 23.88           | 53.69           | 29.81          | L        | PASS    |
| 2               | 0.2474      | 10.25       | 39.13           | 61.84           | 22.71          | 39.09           | 51.84           | 12.75          | L        | PASS    |
| 3               | 0.3077      | 10.25       | 30.31           | 60.03           | 29.72          | 26.79           | 50.03           | 23.24          | L        | PASS    |
| 4               | 0.3465      | 10.25       | 28.71           | 59.05           | 30.34          | 28.75           | 49.05           | 20.30          | L        | PASS    |
| 5               | 18.9489     | 10.71       | 35.00           | 60.00           | 25.00          | 18.91           | 50.00           | 31.09          | L        | PASS    |
| 6               | 24.5338     | 10.78       | 39.77           | 60.00           | 20.23          | 28.96           | 50.00           | 21.04          | L        | PASS    |



|       |     |          |      |
|-------|-----|----------|------|
| Mode: | BLE | Voltage: | 120v |
|-------|-----|----------|------|

### Test Graph



| Final Data List |             |             |                 |                 |                |                 |                 |                |          |         |
|-----------------|-------------|-------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|----------|---------|
| 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               | 0.1981      | 10.24       | 30.26           | 63.69           | 33.43          | 24.63           | 53.69           | 29.06          | N        | PASS    |
| 2               | 0.2476      | 10.25       | 30.87           | 61.84           | 30.97          | 30.64           | 51.84           | 21.20          | N        | PASS    |
| 3               | 0.3068      | 10.25       | 30.62           | 60.06           | 29.44          | 27.18           | 50.06           | 22.88          | N        | PASS    |
| 4               | 0.4454      | 10.27       | 18.73           | 56.96           | 38.23          | 18.30           | 46.96           | 28.66          | N        | PASS    |
| 5               | 20.3145     | 10.70       | 37.58           | 60.00           | 22.42          | 22.64           | 50.00           | 27.36          | N        | PASS    |
| 6               | 23.7544     | 10.75       | 38.61           | 60.00           | 21.39          | 24.89           | 50.00           | 25.11          | N        | PASS    |

## Appendix I: 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.

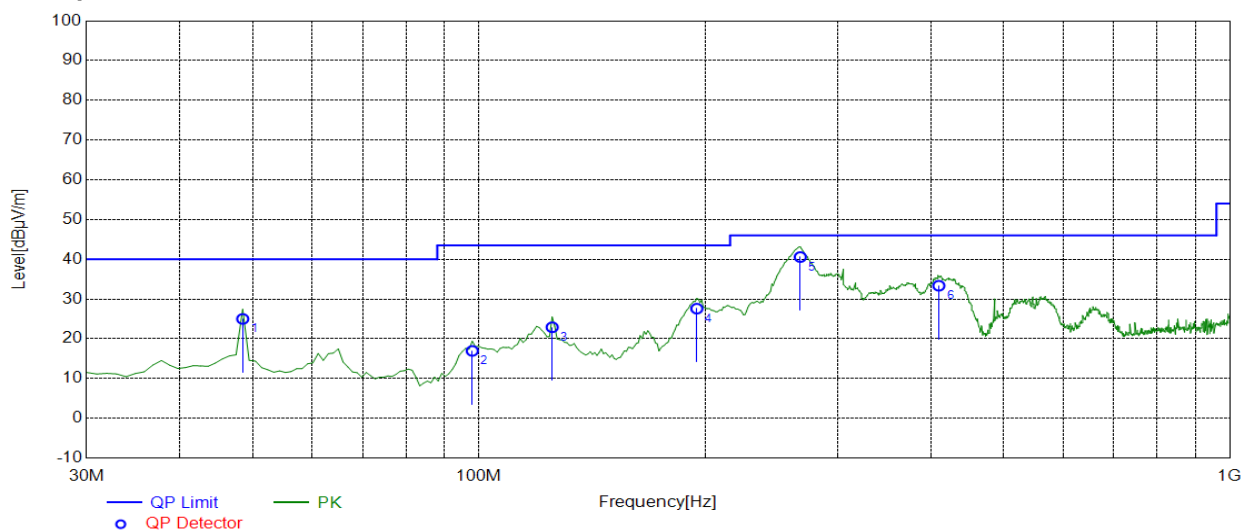
According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

30MHz-1GHz

**PVX10**

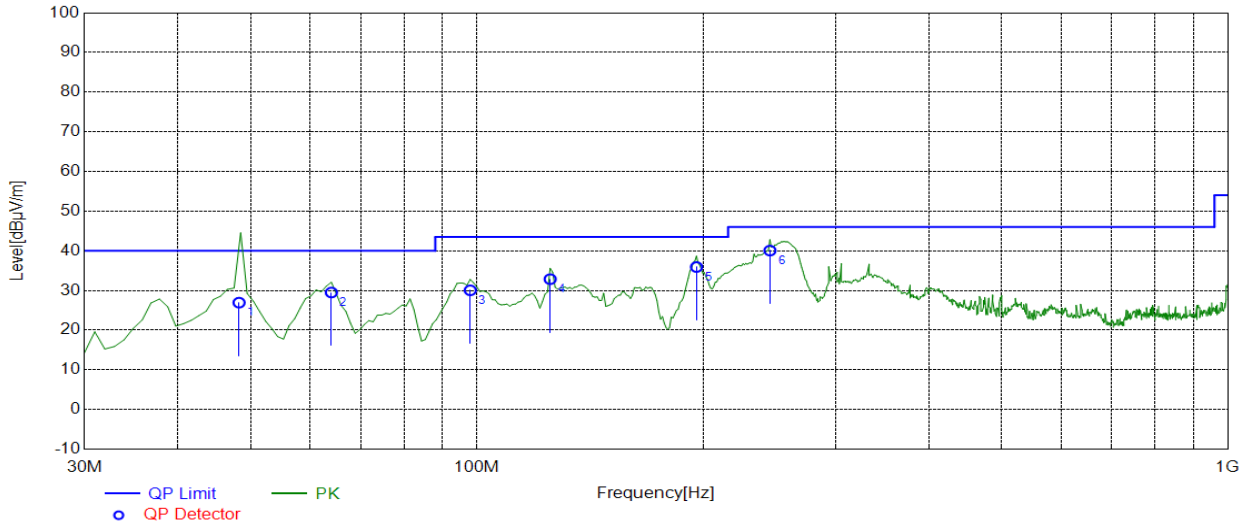
|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2402 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### 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                  | 48.4484     | -15.52        | 25.00             | 40.00             | 15.00          | Horizontal | PASS    |
| 2                  | 97.9680     | -20.40        | 16.96             | 43.50             | 26.54          | Horizontal | PASS    |
| 3                  | 125.155     | -18.04        | 22.90             | 43.50             | 20.60          | Horizontal | PASS    |
| 4                  | 195.065     | -18.58        | 27.58             | 43.50             | 15.92          | Horizontal | PASS    |
| 5                  | 267.887     | -16.74        | 40.58             | 46.00             | 5.42           | Horizontal | PASS    |
| 6                  | 409.649     | -13.36        | 33.36             | 46.00             | 12.64          | Horizontal | PASS    |

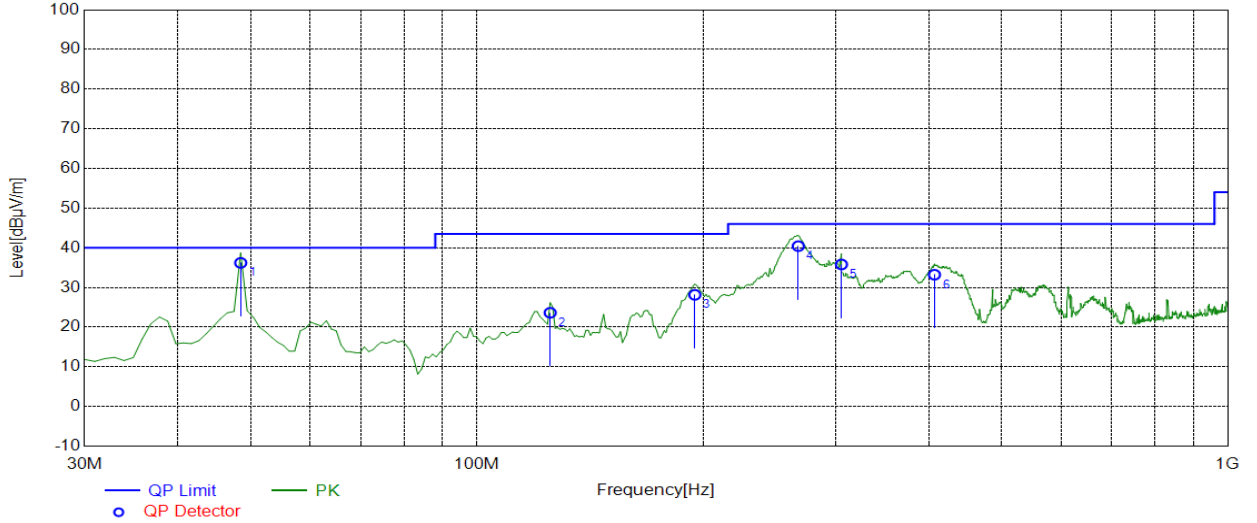
|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2402 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

**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   | 48.2100     | -15.53        | 26.94             | 40.00             | 13.06          | Vertical | PASS    |
| 2   | 63.9840     | -17.03        | 29.50             | 40.00             | 10.50          | Vertical | PASS    |
| 3   | 97.9680     | -20.40        | 30.05             | 43.50             | 13.45          | Vertical | PASS    |
| 4   | 125.155     | -18.04        | 32.87             | 43.50             | 10.63          | Vertical | PASS    |
| 5   | 196.036     | -18.66        | 35.92             | 43.50             | 7.58           | Vertical | PASS    |
| 6   | 245.555     | -17.39        | 40.07             | 46.00             | 5.93           | Vertical | PASS    |

|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2440 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

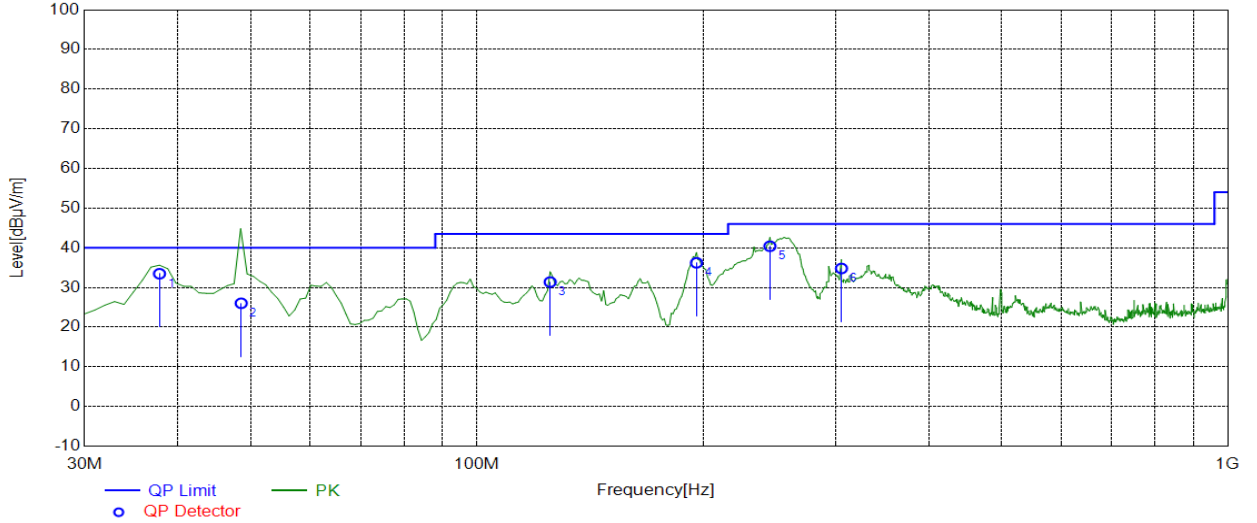
### Test Graph



| QP Final Data List |             |               |                   |                   |                |            |         |
|--------------------|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | Factor [dB/m] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Polarity   | Verdict |
| 1                  | 48.4484     | -15.52        | 36.21             | 40.00             | 3.79           | Horizontal | PASS    |
| 2                  | 125.155     | -18.04        | 23.64             | 43.50             | 19.86          | Horizontal | PASS    |
| 3                  | 195.065     | -18.58        | 28.16             | 43.50             | 15.34          | Horizontal | PASS    |
| 4                  | 267.887     | -16.74        | 40.44             | 46.00             | 5.56           | Horizontal | PASS    |
| 5                  | 305.755     | -15.54        | 35.82             | 46.00             | 10.18          | Horizontal | PASS    |
| 6                  | 406.736     | -13.42        | 33.23             | 46.00             | 12.77          | Horizontal | PASS    |

|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2440 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### Test Graph

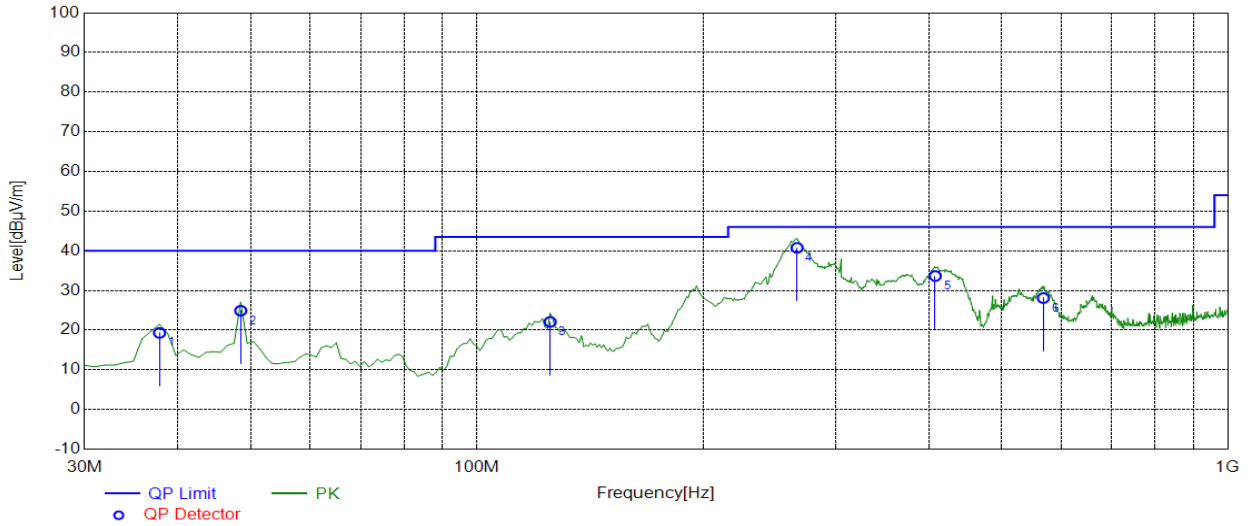


### QP Final Data List

| NO. | Freq. [MHz] | Factor [dB/m] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Polarity | Verdict |
|-----|-------------|---------------|-------------------|-------------------|----------------|----------|---------|
| 1   | 37.7678     | -16.19        | 33.47             | 40.00             | 6.53           | Vertical | PASS    |
| 2   | 48.5283     | -15.52        | 26.03             | 40.00             | 13.97          | Vertical | PASS    |
| 3   | 125.155     | -18.04        | 31.38             | 43.50             | 12.12          | Vertical | PASS    |
| 4   | 196.036     | -18.66        | 36.23             | 43.50             | 7.27           | Vertical | PASS    |
| 5   | 245.555     | -17.39        | 40.40             | 46.00             | 5.60           | Vertical | PASS    |
| 6   | 305.755     | -15.54        | 34.81             | 46.00             | 11.19          | Vertical | PASS    |

|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2480 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### Test Graph

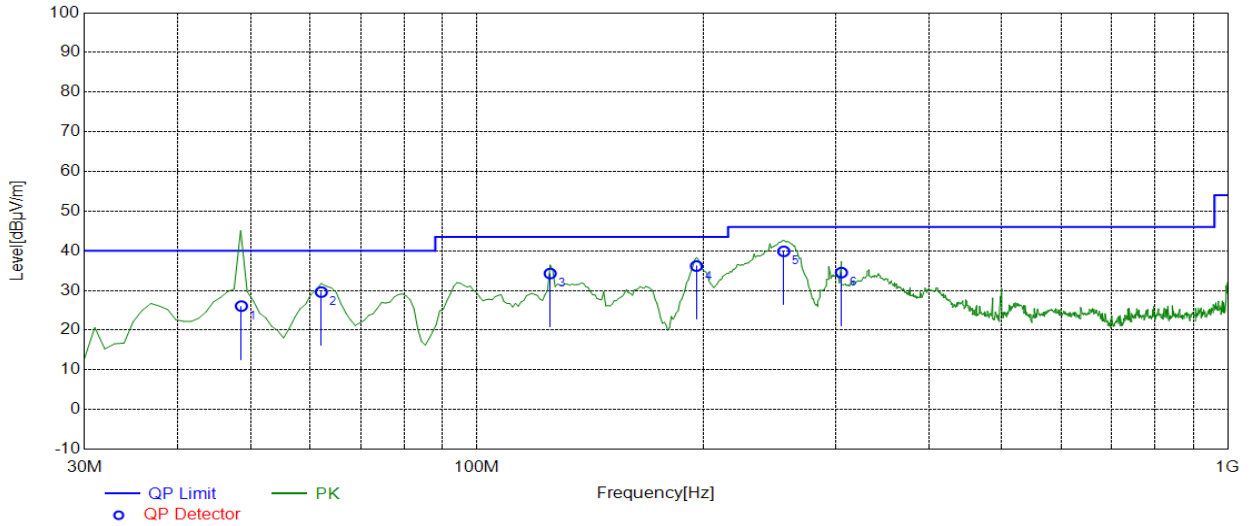


### QP Final Data List

| NO. | Freq. [MHz] | Factor [dB/m] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Polarity   | Verdict |
|-----|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| 1   | 37.7678     | -16.19        | 19.33             | 40.00             | 20.67          | Horizontal | PASS    |
| 2   | 48.4484     | -15.52        | 24.91             | 40.00             | 15.09          | Horizontal | PASS    |
| 3   | 125.155     | -18.04        | 22.10             | 43.50             | 21.40          | Horizontal | PASS    |
| 4   | 266.916     | -16.79        | 40.76             | 46.00             | 5.24           | Horizontal | PASS    |
| 5   | 407.707     | -13.40        | 33.66             | 46.00             | 12.34          | Horizontal | PASS    |
| 6   | 567.917     | -10.04        | 28.10             | 46.00             | 17.90          | Horizontal | PASS    |

|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2480 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### Test Graph



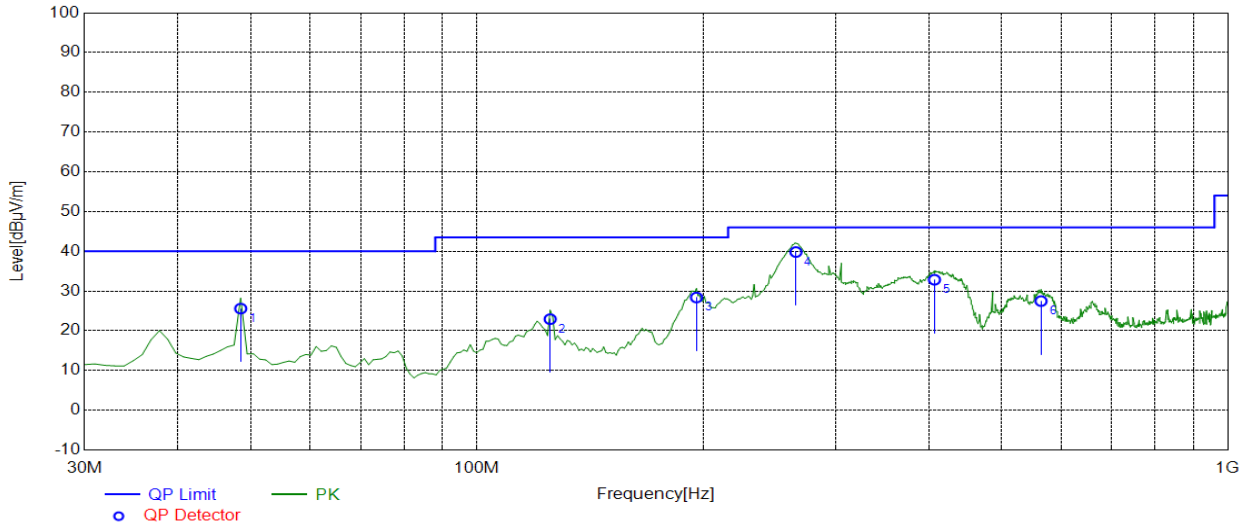
### QP Final Data List

| NO. | Freq. [MHz] | Factor [dB/m] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Polarity | Verdict |
|-----|-------------|---------------|-------------------|-------------------|----------------|----------|---------|
| 1   | 48.5613     | -15.52        | 26.07             | 40.00             | 13.93          | Vertical | PASS    |
| 2   | 62.0420     | -16.65        | 29.60             | 40.00             | 10.40          | Vertical | PASS    |
| 3   | 125.155     | -18.04        | 34.29             | 43.50             | 9.21           | Vertical | PASS    |
| 4   | 196.036     | -18.66        | 36.17             | 43.50             | 7.33           | Vertical | PASS    |
| 5   | 256.236     | -17.23        | 39.87             | 46.00             | 6.13           | Vertical | PASS    |
| 6   | 305.755     | -15.54        | 34.51             | 46.00             | 11.49          | Vertical | PASS    |

PVX15

|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2402 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### Test Graph



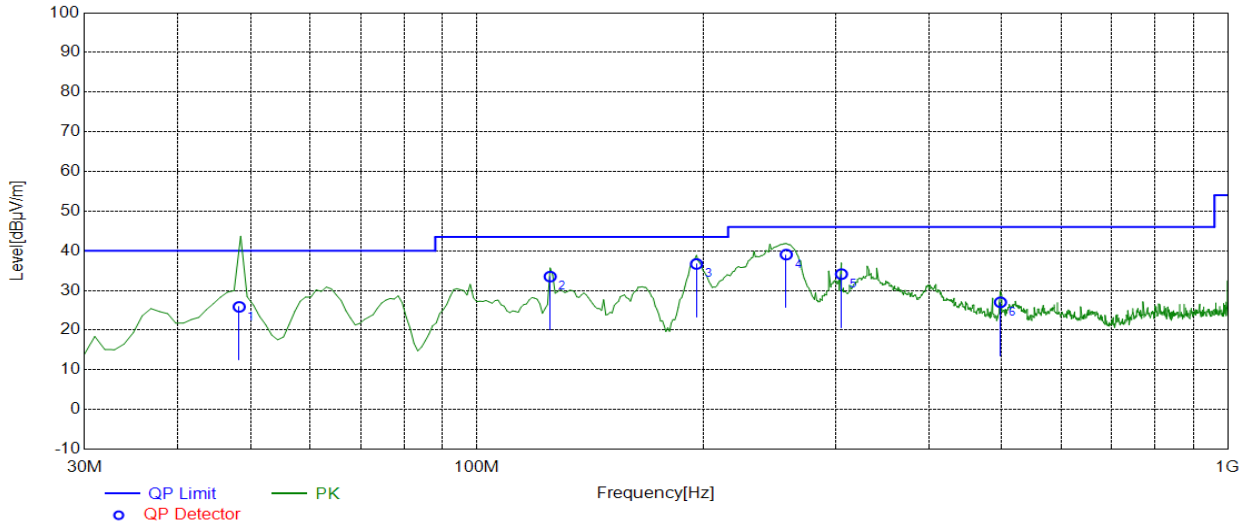
### QP Final Data List

| NO. | Freq. [MHz] | Factor [dB/m] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Polarity   | Verdict |
|-----|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| 1   | 48.4484     | -15.52        | 25.59             | 40.00             | 14.41          | Horizontal | PASS    |
| 2   | 125.155     | -18.04        | 22.93             | 43.50             | 20.57          | Horizontal | PASS    |
| 3   | 196.036     | -18.66        | 28.38             | 43.50             | 15.12          | Horizontal | PASS    |
| 4   | 265.945     | -16.84        | 39.82             | 46.00             | 6.18           | Horizontal | PASS    |
| 5   | 406.736     | -13.42        | 32.85             | 46.00             | 13.15          | Horizontal | PASS    |
| 6   | 564.034     | -10.12        | 27.48             | 46.00             | 18.52          | Horizontal | PASS    |



|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2402 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### Test Graph

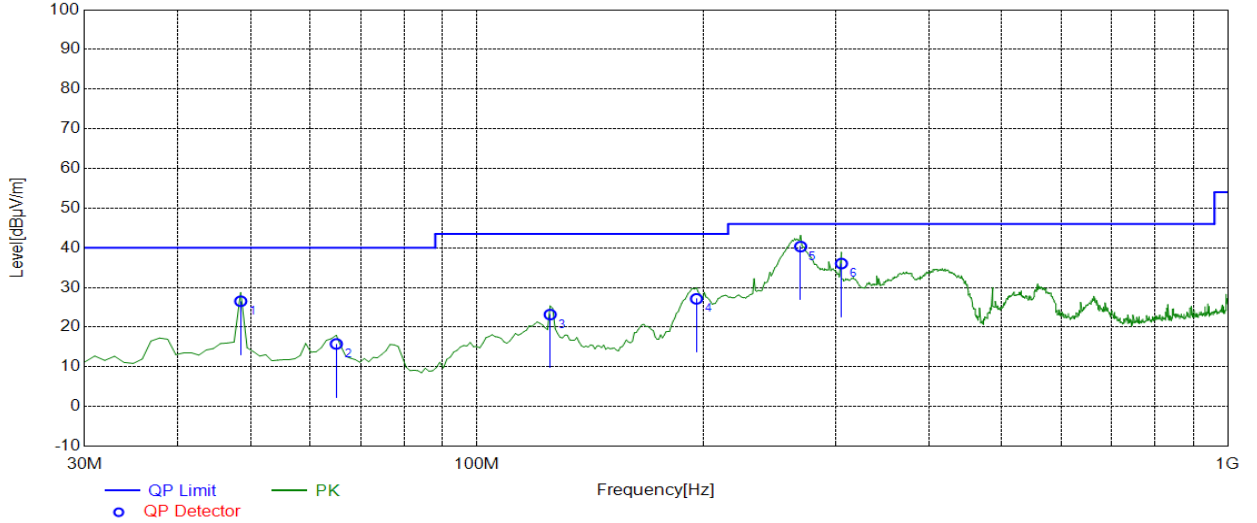


### QP Final Data List

| NO. | Freq. [MHz] | Factor [dB/m] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Polarity | Verdict |
|-----|-------------|---------------|-------------------|-------------------|----------------|----------|---------|
| 1   | 48.2310     | -15.53        | 25.88             | 40.00             | 14.12          | Vertical | PASS    |
| 2   | 125.155     | -18.04        | 33.51             | 43.50             | 9.99           | Vertical | PASS    |
| 3   | 196.036     | -18.66        | 36.69             | 43.50             | 6.81           | Vertical | PASS    |
| 4   | 258.178     | -17.20        | 39.06             | 46.00             | 6.94           | Vertical | PASS    |
| 5   | 305.755     | -15.54        | 34.14             | 46.00             | 11.86          | Vertical | PASS    |
| 6   | 498.008     | -11.49        | 27.04             | 46.00             | 18.96          | Vertical | PASS    |

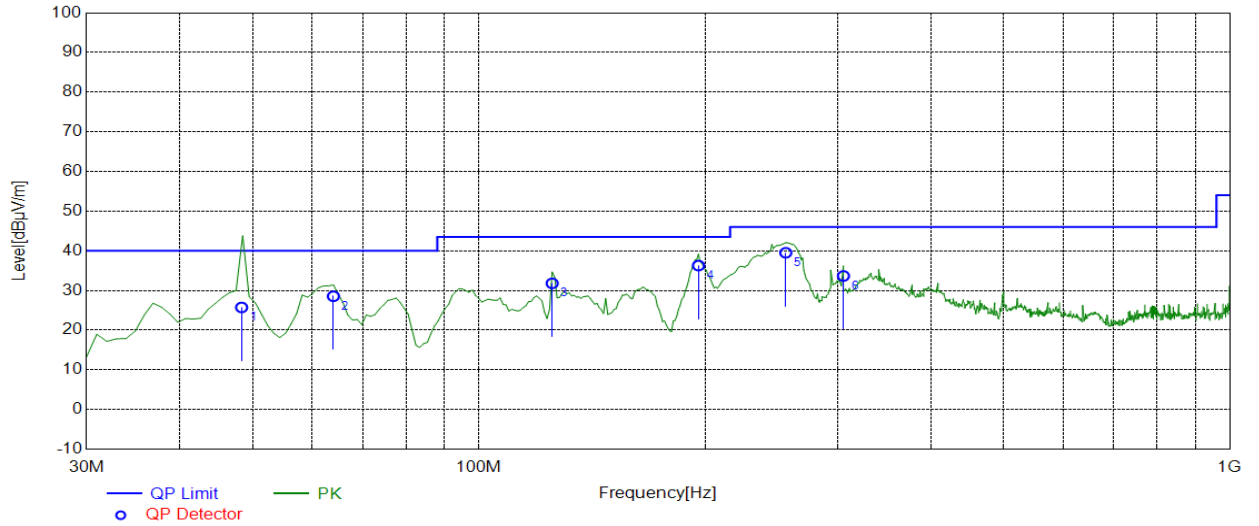
|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2440 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### 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                  | 48.4484     | -15.52        | 26.55             | 40.00             | 13.45          | Horizontal | PASS    |
| 2                  | 64.9550     | -17.23        | 15.78             | 40.00             | 24.22          | Horizontal | PASS    |
| 3                  | 125.155     | -18.04        | 23.18             | 43.50             | 20.32          | Horizontal | PASS    |
| 4                  | 196.036     | -18.66        | 27.14             | 43.50             | 16.36          | Horizontal | PASS    |
| 5                  | 269.829     | -16.63        | 40.32             | 46.00             | 5.68           | Horizontal | PASS    |
| 6                  | 305.755     | -15.54        | 36.05             | 46.00             | 9.95           | Horizontal | PASS    |

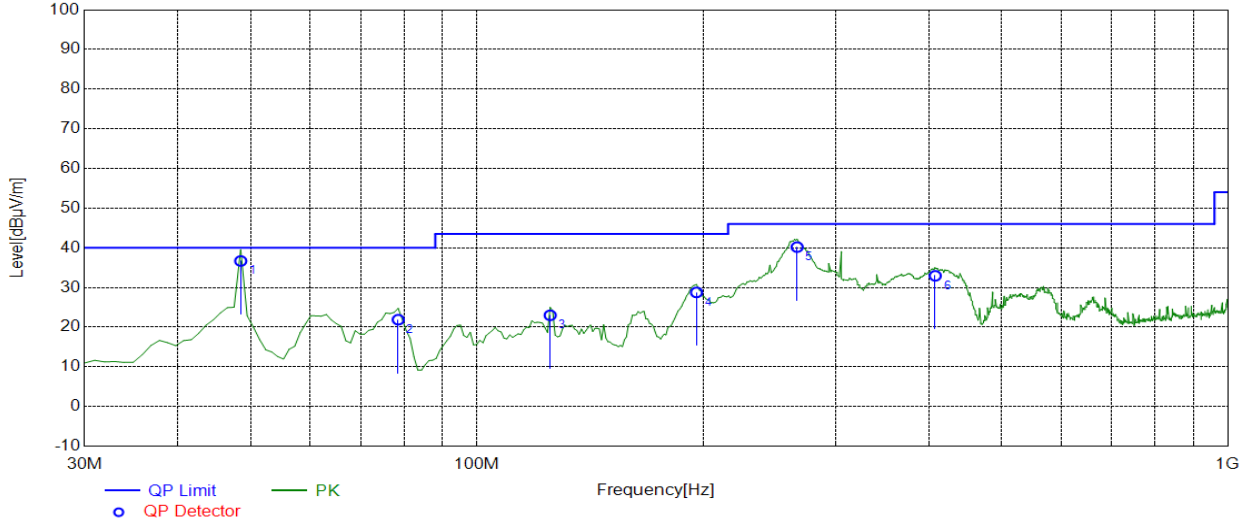
|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2440 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

**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                  | 48.2885     | -15.53        | 25.74             | 40.00             | 14.26          | Vertical | PASS    |
| 2                  | 63.9840     | -17.03        | 28.55             | 40.00             | 11.45          | Vertical | PASS    |
| 3                  | 125.155     | -18.04        | 31.81             | 43.50             | 11.69          | Vertical | PASS    |
| 4                  | 196.036     | -18.66        | 36.29             | 43.50             | 7.21           | Vertical | PASS    |
| 5                  | 256.236     | -17.23        | 39.52             | 46.00             | 6.48           | Vertical | PASS    |
| 6                  | 305.755     | -15.54        | 33.67             | 46.00             | 12.33          | Vertical | PASS    |

|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2480 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### Test Graph

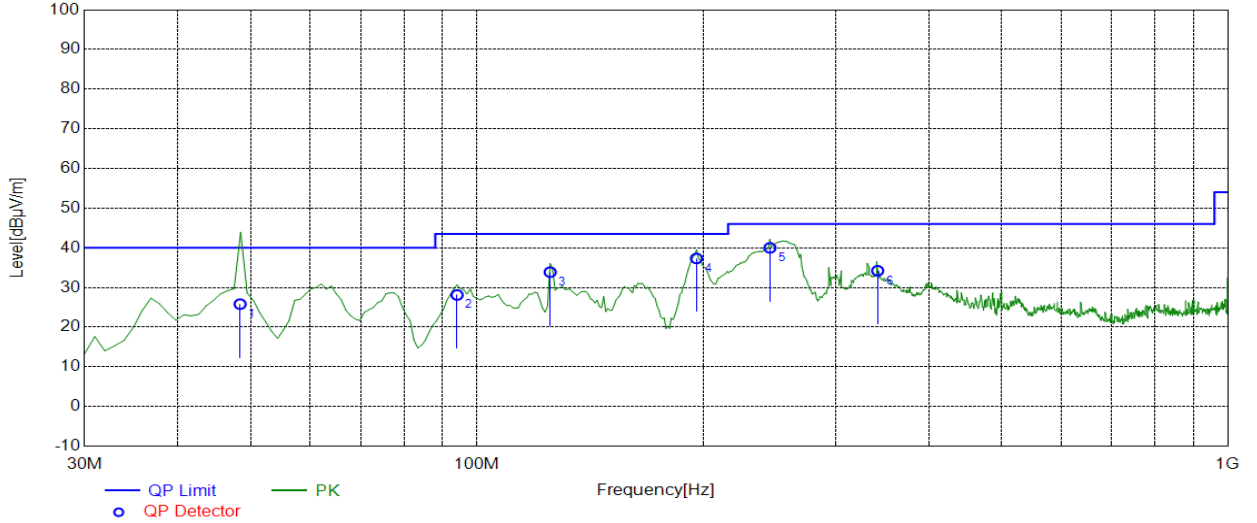


### QP Final Data List

| NO. | Freq. [MHz] | Factor [dB/m] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Polarity   | Verdict |
|-----|-------------|---------------|-------------------|-------------------|----------------|------------|---------|
| 1   | 48.4484     | -15.52        | 36.69             | 40.00             | 3.31           | Horizontal | PASS    |
| 2   | 78.5485     | -20.25        | 21.90             | 40.00             | 18.10          | Horizontal | PASS    |
| 3   | 125.155     | -18.04        | 23.00             | 43.50             | 20.50          | Horizontal | PASS    |
| 4   | 196.036     | -18.66        | 28.77             | 43.50             | 14.73          | Horizontal | PASS    |
| 5   | 266.916     | -16.79        | 40.19             | 46.00             | 5.81           | Horizontal | PASS    |
| 6   | 407.707     | -13.40        | 32.96             | 46.00             | 13.04          | Horizontal | PASS    |

|       |      |          |           |
|-------|------|----------|-----------|
| Mode: | 2480 | Voltage: | 120V/60Hz |
|-------|------|----------|-----------|

### 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                  | 48.3580     | -15.53        | 25.82             | 40.00             | 14.18          | Vertical | PASS    |
| 2                  | 94.0841     | -20.87        | 28.13             | 43.50             | 15.37          | Vertical | PASS    |
| 3                  | 125.155     | -18.04        | 33.88             | 43.50             | 9.62           | Vertical | PASS    |
| 4                  | 196.036     | -18.66        | 37.33             | 43.50             | 6.17           | Vertical | PASS    |
| 5                  | 245.555     | -17.39        | 40.00             | 46.00             | 6.00           | Vertical | PASS    |
| 6                  | 341.681     | -14.78        | 34.22             | 46.00             | 11.78          | Vertical | PASS    |

Above 1GHz

|       |          |          |           |
|-------|----------|----------|-----------|
| Mode: | BLE 2402 | Voltage: | 120V/60Hz |
|-------|----------|----------|-----------|

**Test Graph**

| PK Final Data List |             |                           |               |                         |                         |                |            |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | PK Reading [dB $\mu$ V/m] | Factor [dB/m] | PK Value [dB $\mu$ V/m] | PK Limit [dB $\mu$ V/m] | PK Margin [dB] | Polarity   | Verdict |
| 1                  | 4803.96     | 73.60                     | -14.85        | 58.75                   | 74.00                   | 15.25          | Horizontal | PASS    |

| AV Final Data List |             |                           |               |                         |                         |                |            |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | AV Reading [dB $\mu$ V/m] | Factor [dB/m] | AV Value [dB $\mu$ V/m] | AV Limit [dB $\mu$ V/m] | AV Margin [dB] | Polarity   | Verdict |
| 1                  | 4803.96     | 61.73                     | -14.85        | 46.88                   | 54.00                   | 7.12           | Horizontal | PASS    |

| PK Final Data List |             |                           |               |                         |                         |                |          |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | PK Reading [dB $\mu$ V/m] | Factor [dB/m] | PK Value [dB $\mu$ V/m] | PK Limit [dB $\mu$ V/m] | PK Margin [dB] | Polarity | Verdict |
| 1                  | 4804.53     | 73.25                     | -14.85        | 58.40                   | 74.00                   | 15.60          | Vertical | PASS    |

| AV Final Data List |             |                           |               |                         |                         |                |          |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | AV Reading [dB $\mu$ V/m] | Factor [dB/m] | AV Value [dB $\mu$ V/m] | AV Limit [dB $\mu$ V/m] | AV Margin [dB] | Polarity | Verdict |
| 1                  | 4804.53     | 61.09                     | -14.85        | 46.24                   | 54.00                   | 7.76           | Vertical | PASS    |

|       |          |          |           |
|-------|----------|----------|-----------|
| Mode: | BLE 2440 | Voltage: | 120V/60Hz |
|-------|----------|----------|-----------|

**Test Graph**

| PK Final Data List |             |                           |               |                         |                         |                |            |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | PK Reading [dB $\mu$ V/m] | Factor [dB/m] | PK Value [dB $\mu$ V/m] | PK Limit [dB $\mu$ V/m] | PK Margin [dB] | Polarity   | Verdict |
| 1                  | 4879.79     | 72.33                     | -14.89        | 57.44                   | 74.00                   | 16.56          | Horizontal | PASS    |

| AV Final Data List |             |                           |               |                         |                         |                |            |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | AV Reading [dB $\mu$ V/m] | Factor [dB/m] | AV Value [dB $\mu$ V/m] | AV Limit [dB $\mu$ V/m] | AV Margin [dB] | Polarity   | Verdict |
| 1                  | 4879.79     | 60.57                     | -14.89        | 45.68                   | 54.00                   | 8.32           | Horizontal | PASS    |

| PK Final Data List |             |                           |               |                         |                         |                |          |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | PK Reading [dB $\mu$ V/m] | Factor [dB/m] | PK Value [dB $\mu$ V/m] | PK Limit [dB $\mu$ V/m] | PK Margin [dB] | Polarity | Verdict |
| 1                  | 4879.55     | 73.00                     | -14.89        | 58.11                   | 74.00                   | 15.89          | Vertical | PASS    |

| AV Final Data List |             |                           |               |                         |                         |                |          |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | AV Reading [dB $\mu$ V/m] | Factor [dB/m] | AV Value [dB $\mu$ V/m] | AV Limit [dB $\mu$ V/m] | AV Margin [dB] | Polarity | Verdict |
| 1                  | 4879.55     | 60.97                     | -14.89        | 46.08                   | 54.00                   | 7.92           | Vertical | PASS    |

|       |          |          |           |
|-------|----------|----------|-----------|
| Mode: | BLE 2480 | Voltage: | 120V/60Hz |
|-------|----------|----------|-----------|

**Test Graph**

| PK Final Data List |             |                           |               |                         |                         |                |            |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | PK Reading [dB $\mu$ V/m] | Factor [dB/m] | PK Value [dB $\mu$ V/m] | PK Limit [dB $\mu$ V/m] | PK Margin [dB] | Polarity   | Verdict |
| 1                  | 4960.46     | 73.17                     | -14.58        | 58.59                   | 74.00                   | 15.41          | Horizontal | PASS    |

| AV Final Data List |             |                           |               |                         |                         |                |            |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | AV Reading [dB $\mu$ V/m] | Factor [dB/m] | AV Value [dB $\mu$ V/m] | AV Limit [dB $\mu$ V/m] | AV Margin [dB] | Polarity   | Verdict |
| 1                  | 4960.46     | 61.51                     | -14.58        | 46.93                   | 54.00                   | 7.07           | Horizontal | PASS    |

| PK Final Data List |             |                           |               |                         |                         |                |          |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | PK Reading [dB $\mu$ V/m] | Factor [dB/m] | PK Value [dB $\mu$ V/m] | PK Limit [dB $\mu$ V/m] | PK Margin [dB] | Polarity | Verdict |
| 1                  | 4960.03     | 71.91                     | -14.58        | 57.33                   | 74.00                   | 16.67          | Vertical | PASS    |

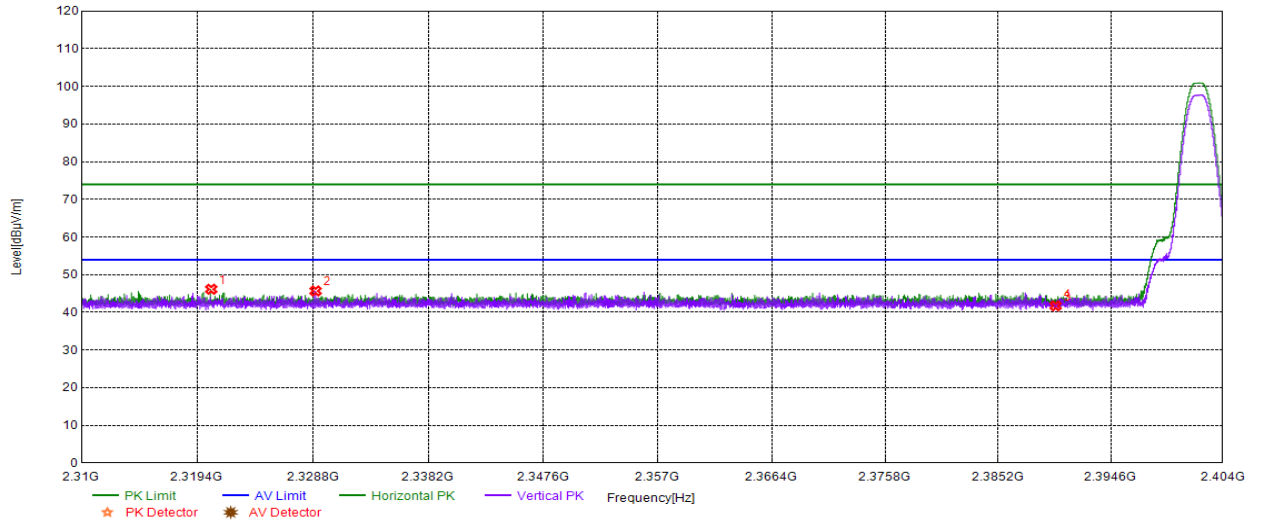
| AV Final Data List |             |                           |               |                         |                         |                |          |         |
|--------------------|-------------|---------------------------|---------------|-------------------------|-------------------------|----------------|----------|---------|
| NO.                | Freq. [MHz] | AV Reading [dB $\mu$ V/m] | Factor [dB/m] | AV Value [dB $\mu$ V/m] | AV Limit [dB $\mu$ V/m] | AV Margin [dB] | Polarity | Verdict |
| 1                  | 4960.03     | 60.21                     | -14.58        | 45.63                   | 54.00                   | 8.37           | Vertical | PASS    |



## Band edge

|       |          |          |           |
|-------|----------|----------|-----------|
| Mode: | BLE 2402 | Voltage: | 120V/60Hz |
|-------|----------|----------|-----------|

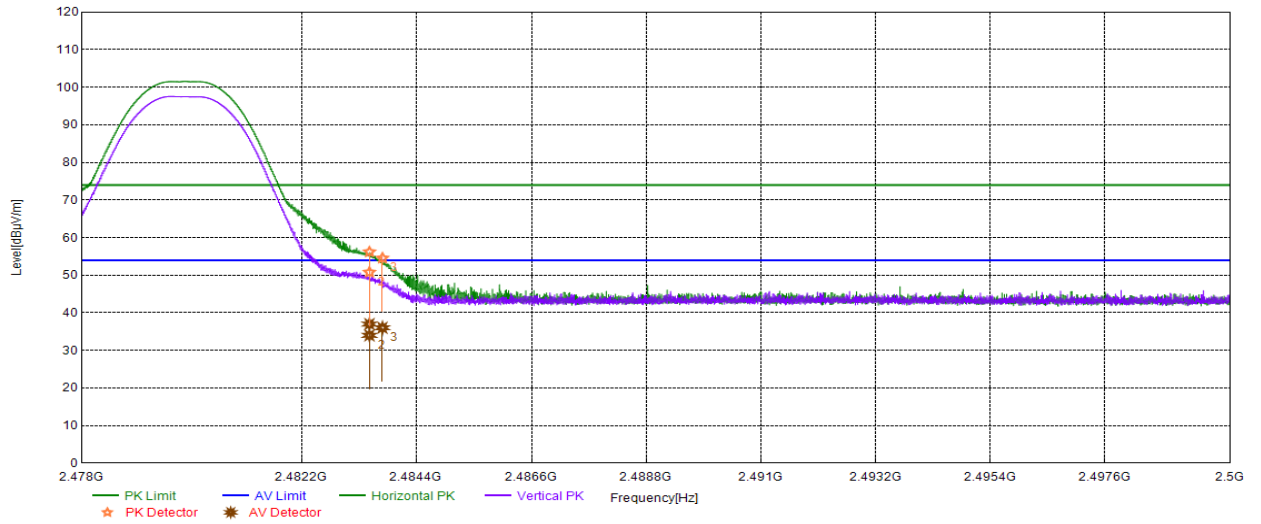
### Test Graph



### PK Final Data List

| NO. | Freq. [MHz] | PK Reading [dBµV/m] | Level [dBµV/m] | Factor [dB/m] | Limit [dBµV/m] | Margin [dB] | Polarity   | Verdict |
|-----|-------------|---------------------|----------------|---------------|----------------|-------------|------------|---------|
| 1   | 2320.50     | 67.25               | 46.15          | -21.10        | 74.00          | 27.85       | Horizontal | PASS    |
| 2   | 2328.98     | 66.78               | 45.69          | -21.09        | 74.00          | 28.31       | Vertical   | PASS    |
| 3   | 2390.00     | 62.70               | 41.73          | -20.97        | 74.00          | 32.27       | Vertical   | PASS    |
| 4   | 2390.00     | 63.37               | 42.40          | -20.97        | 74.00          | 31.60       | Horizontal | PASS    |

|       |          |          |           |
|-------|----------|----------|-----------|
| Mode: | BLE 2480 | Voltage: | 120V/60Hz |
|-------|----------|----------|-----------|

**Test Graph**


| PK Final Data List |             |                     |               |                   |                   |                |            |         |
|--------------------|-------------|---------------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | PK Reading [dBµV/m] | Factor [dB/m] | PK Value [dBµV/m] | PK Limit [dBµV/m] | PK Margin [dB] | Polarity   | Verdict |
| 1                  | 2483.50     | 77.00               | -20.80        | 56.20             | 74.00             | 17.80          | Horizontal | PASS    |
| 2                  | 2483.50     | 71.60               | -20.80        | 50.80             | 74.00             | 23.20          | Vertical   | PASS    |
| 3                  | 2483.74     | 75.34               | -20.80        | 54.54             | 74.00             | 19.46          | Horizontal | PASS    |

| AV Final Data List |             |                     |               |                   |                   |                |            |         |
|--------------------|-------------|---------------------|---------------|-------------------|-------------------|----------------|------------|---------|
| NO.                | Freq. [MHz] | AV Reading [dBµV/m] | Factor [dB/m] | AV Value [dBµV/m] | AV Limit [dBµV/m] | AV Margin [dB] | Polarity   | Verdict |
| 1                  | 2483.50     | 57.81               | -20.80        | 37.01             | 54.00             | 16.99          | Horizontal | PASS    |
| 2                  | 2483.50     | 54.81               | -20.80        | 34.01             | 54.00             | 19.99          | Vertical   | PASS    |
| 3                  | 2483.74     | 56.83               | -20.80        | 36.03             | 54.00             | 17.97          | Horizontal | PASS    |