

| Mode: | | | π/4DQPSK Transmitting | | | Channel: | | 2441 MHz | |
|-------|-------------|-------------|-----------------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1395.8396 | 1.38 | 41.99 | 43.37 | 74.00 | 30.63 | Pass | H | PK |
| 2 | 2083.7084 | 4.83 | 41.41 | 46.24 | 74.00 | 27.76 | Pass | H | PK |
| 3 | 4882.1255 | -16.21 | 61.45 | 45.24 | 74.00 | 28.76 | Pass | H | PK |
| 4 | 7066.2711 | -11.66 | 56.70 | 45.04 | 74.00 | 28.96 | Pass | H | PK |
| 5 | 10744.5163 | -6.36 | 53.29 | 46.93 | 74.00 | 27.07 | Pass | H | PK |
| 6 | 15407.8272 | 0.50 | 50.24 | 50.74 | 74.00 | 23.26 | Pass | H | PK |
| 7 | 1366.0366 | 1.28 | 42.61 | 43.89 | 74.00 | 30.11 | Pass | V | PK |
| 8 | 1924.6925 | 4.16 | 41.46 | 45.62 | 74.00 | 28.38 | Pass | V | PK |
| 9 | 3711.0474 | -19.84 | 58.42 | 38.58 | 74.00 | 35.42 | Pass | V | PK |
| 10 | 4882.1255 | -16.21 | 62.28 | 46.07 | 74.00 | 27.93 | Pass | V | PK |
| 11 | 7975.3317 | -11.54 | 56.79 | 45.25 | 74.00 | 28.75 | Pass | V | PK |
| 12 | 14393.7596 | 1.12 | 48.99 | 50.11 | 74.00 | 23.89 | Pass | V | PK |

| Mode: | | | π/4DQPSK Transmitting | | | Channel: | | 2480 MHz | |
|-------|-------------|-------------|-----------------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1467.4467 | 1.44 | 41.84 | 43.28 | 74.00 | 30.72 | Pass | H | PK |
| 2 | 3524.0349 | -20.10 | 57.69 | 37.59 | 74.00 | 36.41 | Pass | H | PK |
| 3 | 4960.1307 | -15.97 | 60.25 | 44.28 | 74.00 | 29.72 | Pass | H | PK |
| 4 | 6613.2409 | -12.78 | 55.13 | 42.35 | 74.00 | 31.65 | Pass | H | PK |
| 5 | 11990.5994 | -5.30 | 54.15 | 48.85 | 74.00 | 25.15 | Pass | H | PK |
| 6 | 16500.9001 | 1.77 | 49.80 | 51.57 | 74.00 | 22.43 | Pass | H | PK |
| 7 | 1293.4293 | 1.04 | 42.43 | 43.47 | 74.00 | 30.53 | Pass | V | PK |
| 8 | 1829.2829 | 3.50 | 41.81 | 45.31 | 74.00 | 28.69 | Pass | V | PK |
| 9 | 4960.1307 | -15.97 | 60.81 | 44.84 | 74.00 | 29.16 | Pass | V | PK |
| 10 | 7994.3330 | -11.69 | 56.34 | 44.65 | 74.00 | 29.35 | Pass | V | PK |
| 11 | 11046.5364 | -6.18 | 52.68 | 46.50 | 74.00 | 27.50 | Pass | V | PK |
| 12 | 14392.7595 | 1.10 | 48.14 | 49.24 | 74.00 | 24.76 | Pass | V | PK |

| Mode: | | 8DPSK Transmitting | | | | Channel: | | 2402 MHz | |
|-------|-------------|--------------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1604.2604 | 2.32 | 41.82 | 44.14 | 74.00 | 29.86 | Pass | H | PK |
| 2 | 3310.0207 | -19.84 | 58.00 | 38.16 | 74.00 | 35.84 | Pass | H | PK |
| 3 | 4805.1203 | -16.23 | 57.55 | 41.32 | 74.00 | 32.68 | Pass | H | PK |
| 4 | 8324.3550 | -10.97 | 53.73 | 42.76 | 74.00 | 31.24 | Pass | H | PK |
| 5 | 12006.6004 | -5.29 | 53.06 | 47.77 | 74.00 | 26.23 | Pass | H | PK |
| 6 | 14373.7583 | 0.78 | 48.07 | 48.85 | 74.00 | 25.15 | Pass | H | PK |
| 7 | 1607.8608 | 2.34 | 42.30 | 44.64 | 74.00 | 29.36 | Pass | V | PK |
| 8 | 3756.0504 | -19.54 | 56.90 | 37.36 | 74.00 | 36.64 | Pass | V | PK |
| 9 | 5310.1540 | -14.78 | 59.13 | 44.35 | 74.00 | 29.65 | Pass | V | PK |
| 10 | 7330.2887 | -11.64 | 55.82 | 44.18 | 74.00 | 29.82 | Pass | V | PK |
| 11 | 8525.3684 | -10.50 | 57.59 | 47.09 | 74.00 | 26.91 | Pass | V | PK |
| 12 | 12620.6414 | -4.27 | 52.38 | 48.11 | 74.00 | 25.89 | Pass | V | PK |

| Mode: | | 8DPSK Transmitting | | | | Channel: | | 2441 MHz | |
|-------|-------------|--------------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1798.4798 | 3.27 | 41.52 | 44.79 | 74.00 | 29.21 | Pass | H | PK |
| 2 | 3689.0459 | -19.97 | 57.64 | 37.67 | 74.00 | 36.33 | Pass | H | PK |
| 3 | 6383.2255 | -12.87 | 54.40 | 41.53 | 74.00 | 32.47 | Pass | H | PK |
| 4 | 8657.3772 | -10.23 | 52.93 | 42.70 | 74.00 | 31.30 | Pass | H | PK |
| 5 | 11825.5884 | -6.04 | 52.87 | 46.83 | 74.00 | 27.17 | Pass | H | PK |
| 6 | 15362.8242 | 0.09 | 50.43 | 50.52 | 74.00 | 23.48 | Pass | H | PK |
| 7 | 1452.2452 | 1.43 | 42.20 | 43.63 | 74.00 | 30.37 | Pass | V | PK |
| 8 | 2122.9123 | 4.63 | 42.31 | 46.94 | 74.00 | 27.06 | Pass | V | PK |
| 9 | 4256.0837 | -17.58 | 62.61 | 45.03 | 74.00 | 28.97 | Pass | V | PK |
| 10 | 6870.2580 | -12.00 | 54.14 | 42.14 | 74.00 | 31.86 | Pass | V | PK |
| 11 | 8532.3688 | -10.49 | 59.62 | 49.13 | 74.00 | 24.87 | Pass | V | PK |
| 12 | 13196.6798 | -3.13 | 50.84 | 47.71 | 74.00 | 26.29 | Pass | V | PK |

| Mode: | | 8DPSK Transmitting | | | | Channel: | | 2480 MHz | |
|-------|-------------|--------------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1385.6386 | 1.34 | 42.71 | 44.05 | 74.00 | 29.95 | Pass | H | PK |
| 2 | 1952.6953 | 4.30 | 41.54 | 45.84 | 74.00 | 28.16 | Pass | H | PK |
| 3 | 4255.0837 | -17.58 | 58.14 | 40.56 | 74.00 | 33.44 | Pass | H | PK |
| 4 | 6339.2226 | -12.90 | 54.74 | 41.84 | 74.00 | 32.16 | Pass | H | PK |
| 5 | 9988.4659 | -7.21 | 51.93 | 44.72 | 74.00 | 29.28 | Pass | H | PK |
| 6 | 14405.7604 | 1.14 | 49.05 | 50.19 | 74.00 | 23.81 | Pass | H | PK |
| 7 | 1599.4599 | 2.29 | 43.81 | 46.10 | 74.00 | 27.90 | Pass | V | PK |
| 8 | 3326.0217 | -19.90 | 58.46 | 38.56 | 74.00 | 35.44 | Pass | V | PK |
| 9 | 5317.1545 | -14.76 | 58.31 | 43.55 | 74.00 | 30.45 | Pass | V | PK |
| 10 | 7472.2982 | -11.21 | 57.28 | 46.07 | 74.00 | 27.93 | Pass | V | PK |
| 11 | 9323.4216 | -7.96 | 52.69 | 44.73 | 74.00 | 29.27 | Pass | V | PK |
| 12 | 13759.7173 | -1.69 | 49.93 | 48.24 | 74.00 | 25.76 | Pass | V | PK |

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

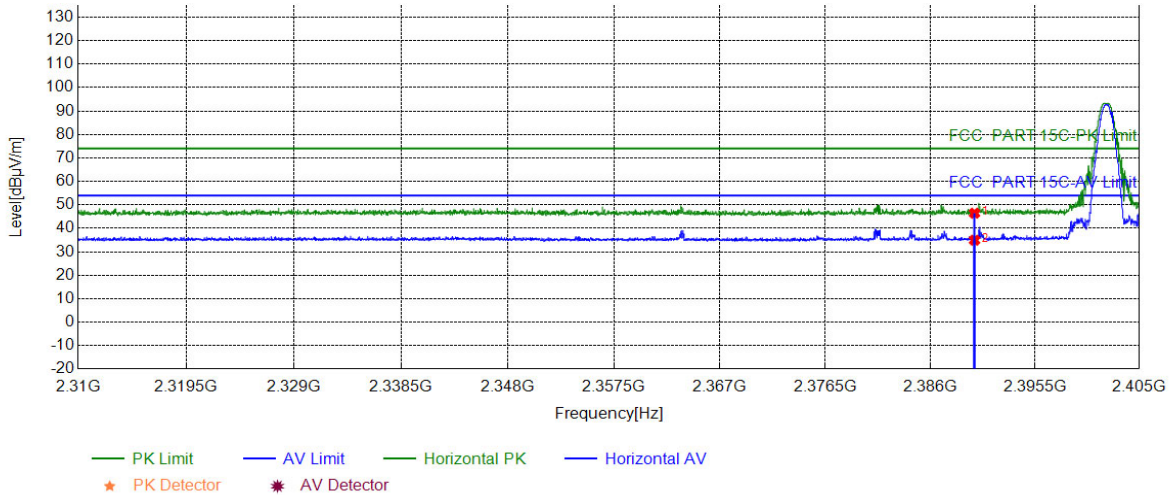
$$\text{Final Test Level} = \text{Receiver Reading} + \text{Antenna Factor} + \text{Cable Factor} - \text{Preamplifier Factor}$$
- 2) Scan from 9kHz to 25GHz, the disturbance above 18GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

Restricted bands:

Test plot as follows:

| | | | |
|---------|-------------------|----------|----------|
| Mode: | GFSK Transmitting | Channel: | 2402 MHz |
| Remark: | | | |

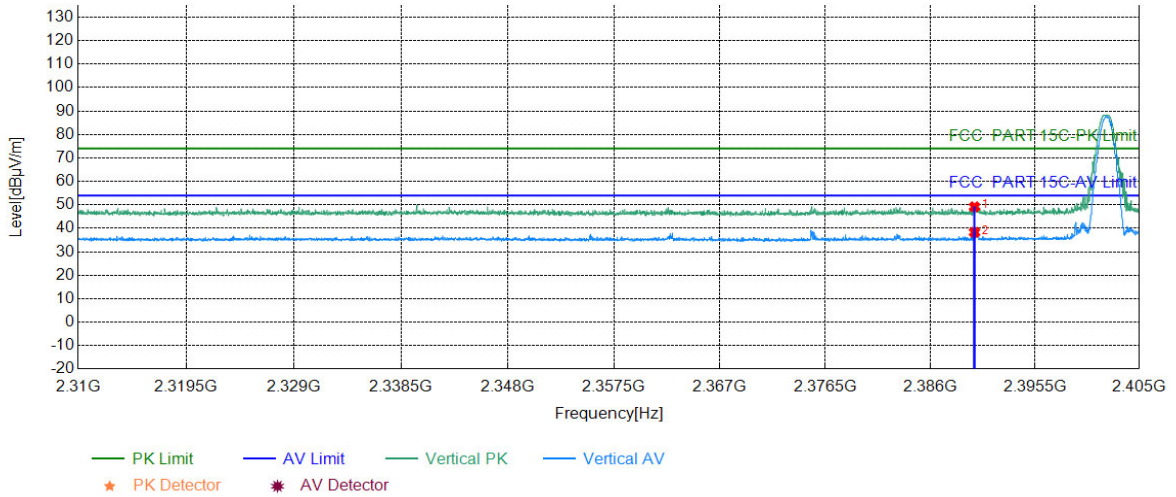
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1 | 2390.0000 | 5.77 | 40.68 | 46.45 | 74.00 | 27.55 | PASS | Horizontal | PK |
| 2 | 2390.0000 | 5.77 | 29.15 | 34.92 | 54.00 | 19.08 | PASS | Horizontal | AV |

| | | | |
|---------|-------------------|----------|----------|
| Mode: | GFSK Transmitting | Channel: | 2402 MHz |
| Remark: | | | |

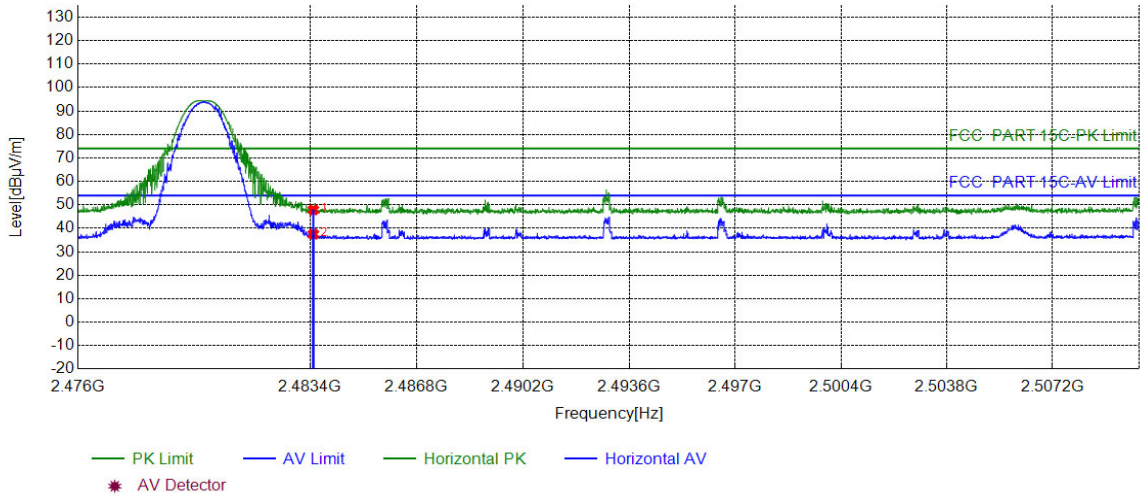
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| 1 | 2390.0000 | 5.77 | 43.41 | 49.18 | 74.00 | 24.82 | PASS | Vertical | PK |
| 2 | 2390.0000 | 5.77 | 32.54 | 38.31 | 54.00 | 15.69 | PASS | Vertical | AV |

| | | | |
|---------|-------------------|----------|----------|
| Mode: | GFSK Transmitting | Channel: | 2480 MHz |
| Remark: | | | |

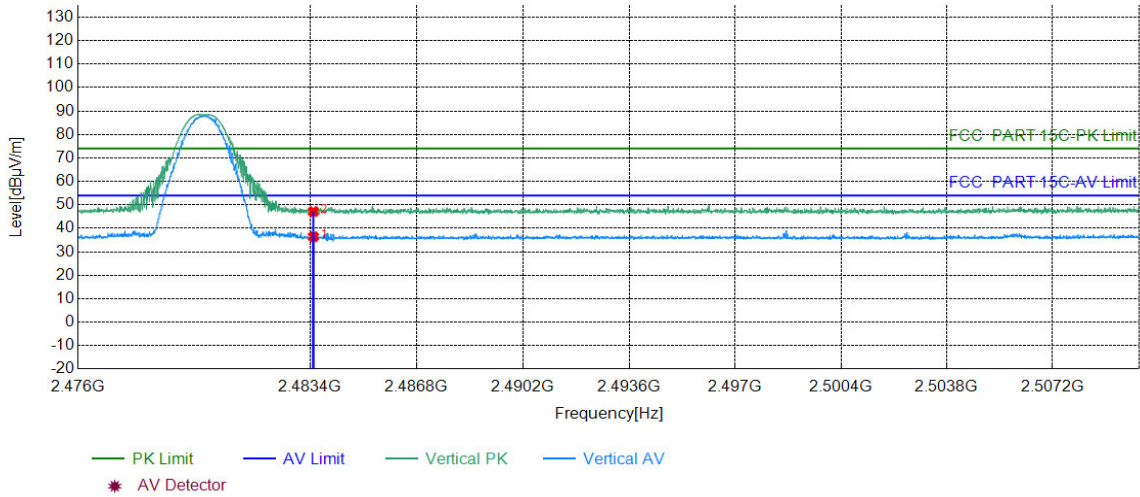
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1 | 2483.5000 | 6.57 | 41.30 | 47.87 | 74.00 | 26.13 | PASS | Horizontal | PK |
| 2 | 2483.5000 | 6.57 | 30.96 | 37.53 | 54.00 | 16.47 | PASS | Horizontal | AV |

| | | | |
|---------|-------------------|----------|----------|
| Mode: | GFSK Transmitting | Channel: | 2480 MHz |
| Remark: | | | |

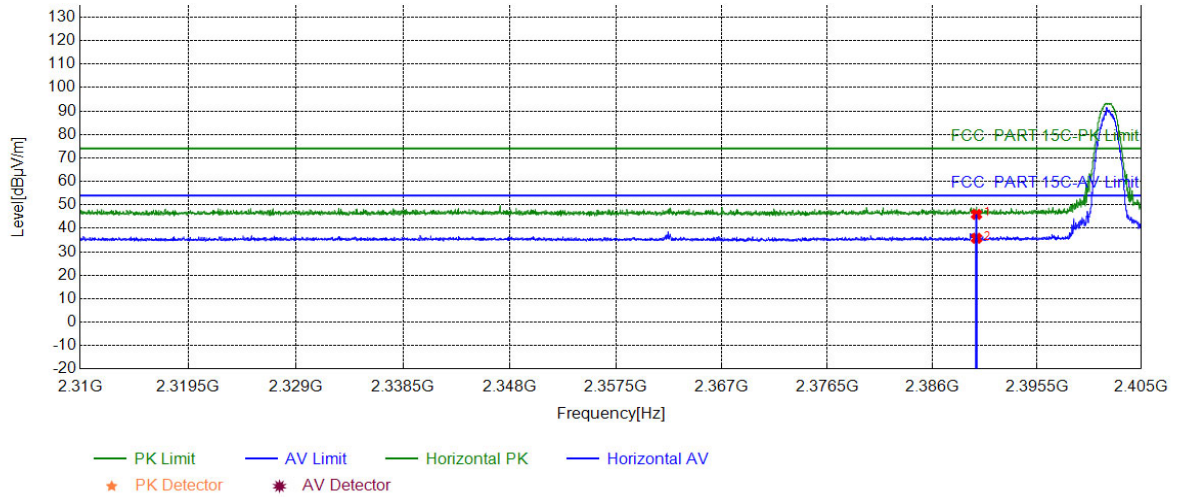
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| 1 | 2483.5000 | 6.57 | 40.59 | 47.16 | 74.00 | 26.84 | PASS | Vertical | PK |
| 2 | 2483.5000 | 6.57 | 29.85 | 36.42 | 54.00 | 17.58 | PASS | Vertical | AV |

| | | | |
|---------|----------------------------|----------|----------|
| Mode: | $\pi/4$ DQPSK Transmitting | Channel: | 2402 MHz |
| Remark: | | | |

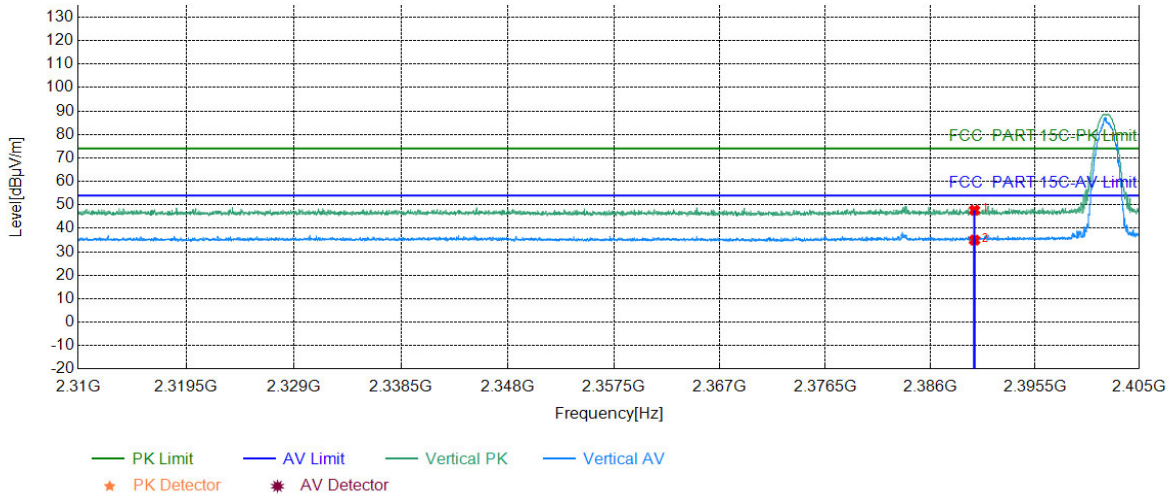
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1 | 2390.0000 | 5.77 | 40.17 | 45.94 | 74.00 | 28.06 | PASS | Horizontal | PK |
| 2 | 2390.0000 | 5.77 | 29.99 | 35.76 | 54.00 | 18.24 | PASS | Horizontal | AV |

| | | | |
|---------|----------------------------|----------|----------|
| Mode: | $\pi/4$ DQPSK Transmitting | Channel: | 2402 MHz |
| Remark: | | | |

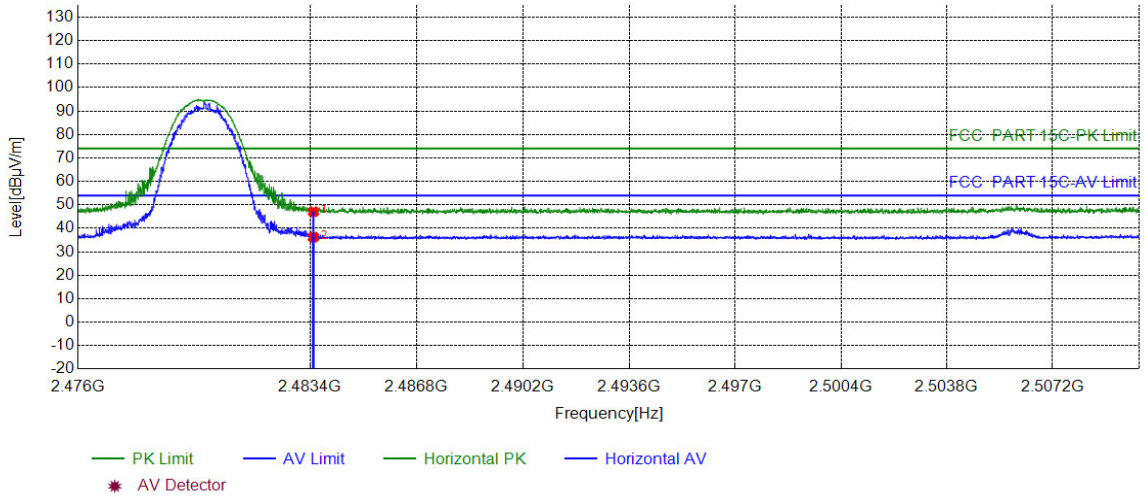
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| 1 | 2390.0000 | 5.77 | 41.95 | 47.72 | 74.00 | 26.28 | PASS | Vertical | PK |
| 2 | 2390.0000 | 5.77 | 29.22 | 34.99 | 54.00 | 19.01 | PASS | Vertical | AV |

| | | | |
|---------|----------------------------|----------|----------|
| Mode: | $\pi/4$ DQPSK Transmitting | Channel: | 2480 MHz |
| Remark: | | | |

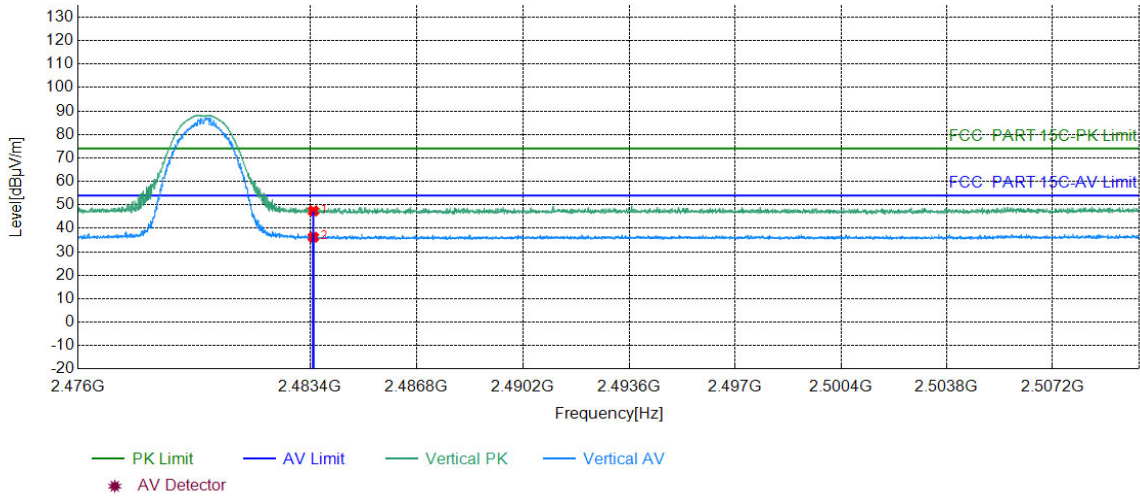
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1 | 2483.5000 | 6.57 | 40.51 | 47.08 | 74.00 | 26.92 | PASS | Horizontal | PK |
| 2 | 2483.5000 | 6.57 | 29.68 | 36.25 | 54.00 | 17.75 | PASS | Horizontal | AV |

| | | | |
|---------|----------------------------|----------|----------|
| Mode: | $\pi/4$ DQPSK Transmitting | Channel: | 2480 MHz |
| Remark: | | | |

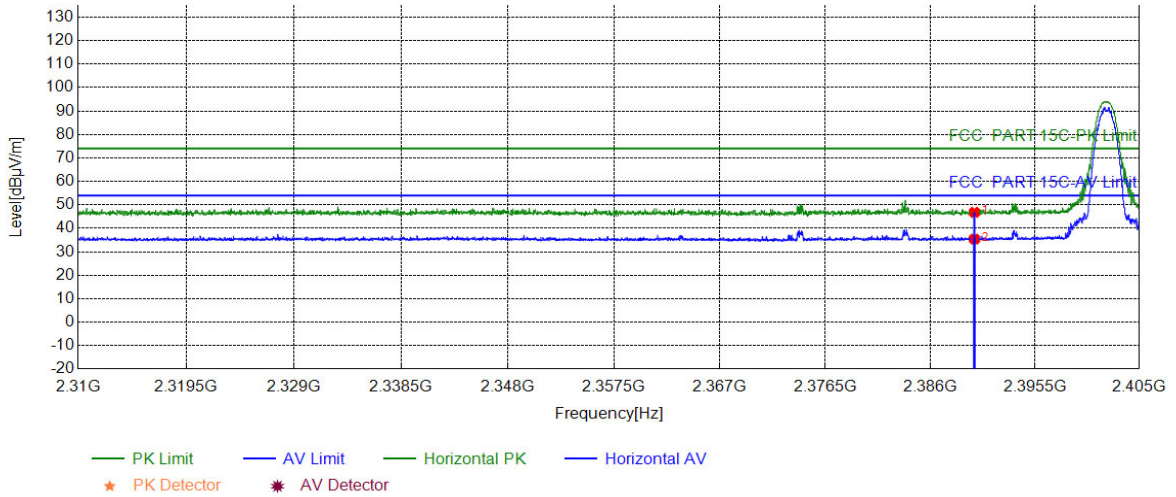
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| 1 | 2483.5000 | 6.57 | 40.83 | 47.40 | 74.00 | 26.60 | PASS | Vertical | PK |
| 2 | 2483.5000 | 6.57 | 29.65 | 36.22 | 54.00 | 17.78 | PASS | Vertical | AV |

| | | | |
|---------|--------------------|----------|----------|
| Mode: | 8DPSK Transmitting | Channel: | 2402 MHz |
| Remark: | | | |

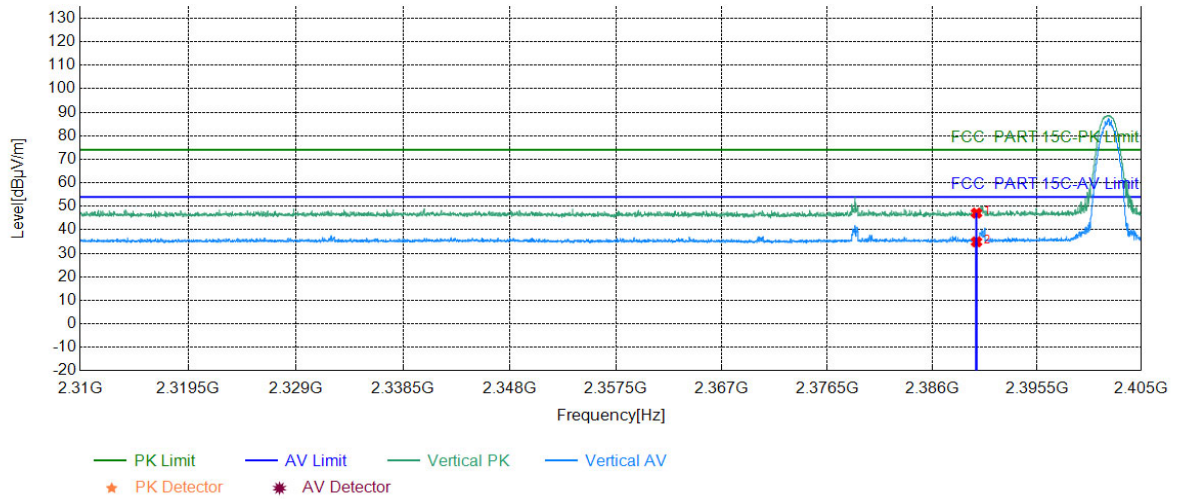
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1 | 2390.0000 | 5.77 | 41.06 | 46.83 | 74.00 | 27.17 | PASS | Horizontal | PK |
| 2 | 2390.0000 | 5.77 | 29.65 | 35.42 | 54.00 | 18.58 | PASS | Horizontal | AV |

| | | | |
|---------|--------------------|----------|----------|
| Mode: | 8DPSK Transmitting | Channel: | 2402 MHz |
| Remark: | | | |

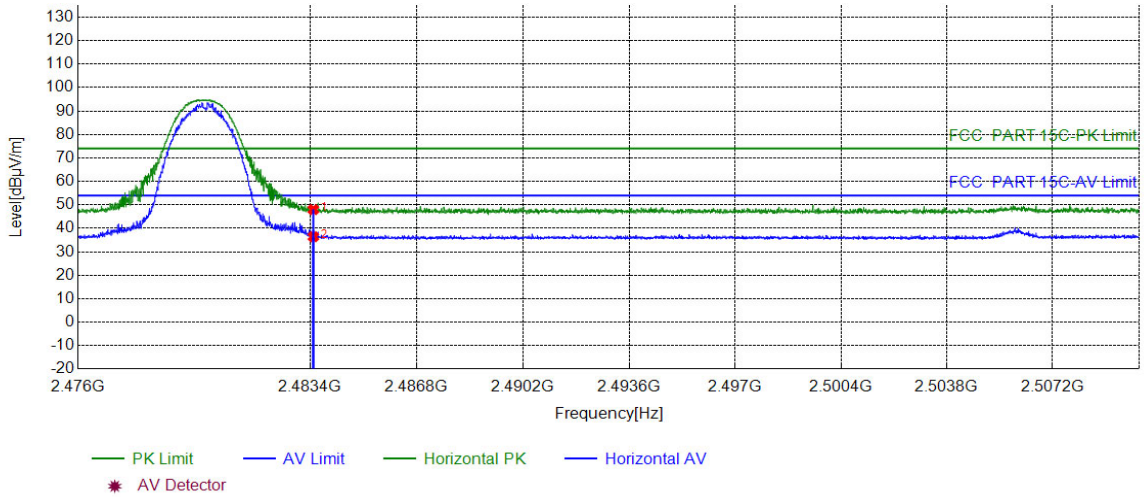
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| 1 | 2390.0000 | 5.77 | 41.33 | 47.10 | 74.00 | 26.90 | PASS | Vertical | PK |
| 2 | 2390.0000 | 5.77 | 29.10 | 34.87 | 54.00 | 19.13 | PASS | Vertical | AV |

| | | | |
|---------|--------------------|----------|----------|
| Mode: | 8DPSK Transmitting | Channel: | 2480 MHz |
| Remark: | | | |

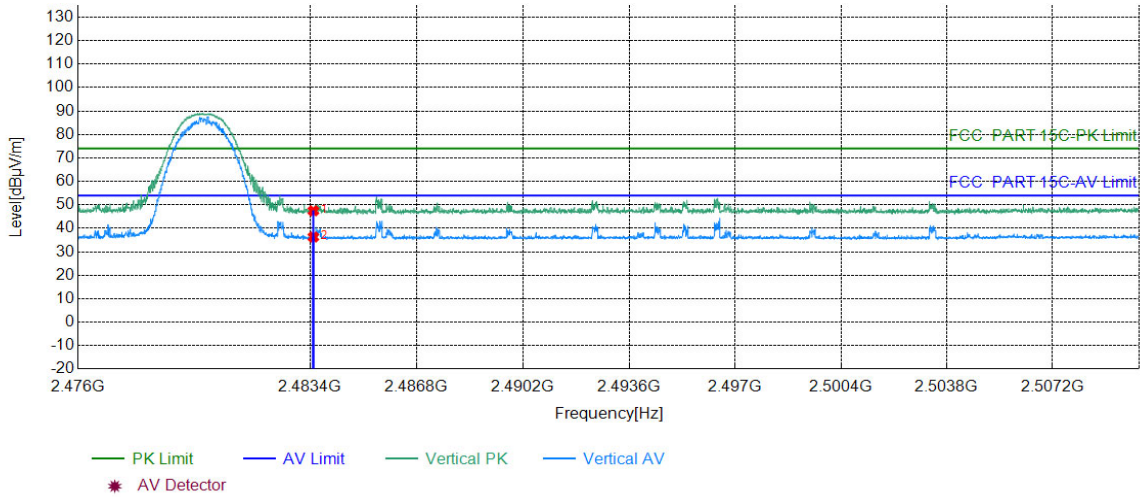
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1 | 2483.5000 | 6.57 | 41.41 | 47.98 | 74.00 | 26.02 | PASS | Horizontal | PK |
| 2 | 2483.5000 | 6.57 | 29.85 | 36.42 | 54.00 | 17.58 | PASS | Horizontal | AV |

| | | | |
|---------|--------------------|----------|----------|
| Mode: | 8DPSK Transmitting | Channel: | 2480 MHz |
| Remark: | | | |

Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| 1 | 2483.5000 | 6.57 | 40.89 | 47.46 | 74.00 | 26.54 | PASS | Vertical | PK |
| 2 | 2483.5000 | 6.57 | 29.72 | 36.29 | 54.00 | 17.71 | PASS | Vertical | AV |

Note:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

7 Appendix A

Refer to Appendix: Bluetooth Classic of EED32N80617801.