

### Radiated Spurious Emission above 1GHz:

Diagnostic board 1:

| Mode: |             |             | GFSK           |                 |                | Channel:    |        | 2402 MHz |        |
|-------|-------------|-------------|----------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1250.4250   | 0.93        | 43.21          | 44.14           | 74.00          | 29.86       | PASS   | H        | PK     |
| 2     | 1980.8981   | 4.45        | 41.26          | 45.71           | 74.00          | 28.29       | PASS   | H        | PK     |
| 3     | 3718.0479   | -19.80      | 58.53          | 38.73           | 74.00          | 35.27       | PASS   | H        | PK     |
| 4     | 4804.1203   | -16.23      | 58.58          | 42.35           | 74.00          | 31.65       | PASS   | H        | PK     |
| 5     | 7205.2804   | -11.83      | 66.65          | 54.82           | 74.00          | 19.18       | PASS   | H        | PK     |
| 6     | 9607.4405   | -7.37       | 54.96          | 47.59           | 74.00          | 26.41       | PASS   | H        | PK     |
| 7     | 1351.6352   | 1.23        | 42.75          | 43.98           | 74.00          | 30.02       | Pass   | V        | PK     |
| 8     | 1999.5000   | 4.55        | 42.24          | 46.79           | 74.00          | 27.21       | Pass   | V        | PK     |
| 9     | 4804.1203   | -16.23      | 59.56          | 43.33           | 74.00          | 30.67       | Pass   | V        | PK     |
| 10    | 7205.2804   | -11.83      | 67.34          | 55.51           | 74.00          | 18.49       | Pass   | V        | PK     |
| 11    | 9608.4406   | -7.37       | 59.56          | 52.19           | 74.00          | 21.81       | Pass   | V        | PK     |
| 12    | 12560.6374  | -4.39       | 52.59          | 48.20           | 74.00          | 25.80       | Pass   | V        | PK     |

| Mode: |             |             | GFSK           |                 |                | Channel:    |        | 2441 MHz |        |
|-------|-------------|-------------|----------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1424.0424   | 1.41        | 41.99          | 43.40           | 74.00          | 30.60       | PASS   | H        | PK     |
| 2     | 2037.5038   | 4.67        | 41.86          | 46.53           | 74.00          | 27.47       | PASS   | H        | PK     |
| 3     | 4882.1255   | -16.21      | 61.21          | 45.00           | 74.00          | 29.00       | PASS   | H        | PK     |
| 4     | 7322.2882   | -11.65      | 63.12          | 51.47           | 74.00          | 22.53       | PASS   | H        | PK     |
| 5     | 9763.4509   | -7.50       | 56.73          | 49.23           | 74.00          | 24.77       | PASS   | H        | PK     |
| 6     | 13736.7158  | -1.72       | 51.35          | 49.63           | 74.00          | 24.37       | PASS   | H        | PK     |
| 7     | 1297.4297   | 1.05        | 42.76          | 43.81           | 74.00          | 30.19       | Pass   | V        | PK     |
| 8     | 1983.8984   | 4.47        | 41.12          | 45.59           | 74.00          | 28.41       | Pass   | V        | PK     |
| 9     | 4882.1255   | -16.21      | 59.92          | 43.71           | 74.00          | 30.29       | Pass   | V        | PK     |
| 10    | 5759.1839   | -13.71      | 58.30          | 44.59           | 74.00          | 29.41       | Pass   | V        | PK     |
| 11    | 7323.2882   | -11.65      | 60.37          | 48.72           | 74.00          | 25.28       | Pass   | V        | PK     |
| 12    | 9763.4509   | -7.50       | 60.19          | 52.69           | 74.00          | 21.31       | Pass   | V        | PK     |

| Mode: |             |             | GFSK Transmitting |                 |                | Channel:    |        | 2480 MHz |        |
|-------|-------------|-------------|-------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]    | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1291.2291   | 1.04        | 41.36             | 42.40           | 74.00          | 31.60       | PASS   | H        | PK     |
| 2     | 2120.5121   | 4.66        | 41.70             | 46.36           | 74.00          | 27.64       | PASS   | H        | PK     |
| 3     | 4960.1307   | -15.97      | 67.46             | 51.49           | 74.00          | 22.51       | PASS   | H        | PK     |
| 4     | 7439.2960   | -11.34      | 64.28             | 52.94           | 74.00          | 21.06       | PASS   | H        | PK     |
| 5     | 9912.4608   | -7.09       | 55.21             | 48.12           | 74.00          | 25.88       | PASS   | H        | PK     |
| 6     | 14496.7665  | -0.16       | 49.31             | 49.15           | 74.00          | 24.85       | PASS   | H        | PK     |
| 7     | 1394.8395   | 1.37        | 42.98             | 44.35           | 74.00          | 29.65       | Pass   | V        | PK     |
| 8     | 1997.8998   | 4.54        | 42.58             | 47.12           | 74.00          | 26.88       | Pass   | V        | PK     |
| 9     | 4960.1307   | -15.97      | 58.08             | 42.11           | 74.00          | 31.89       | Pass   | V        | PK     |
| 10    | 7439.2960   | -11.34      | 61.17             | 49.83           | 74.00          | 24.17       | Pass   | V        | PK     |
| 11    | 9920.4614   | -7.10       | 60.65             | 53.55           | 74.00          | 20.45       | Pass   | V        | PK     |
| 12    | 13727.7152  | -1.73       | 51.69             | 49.96           | 74.00          | 24.04       | Pass   | V        | PK     |

| Mode: |             |             | π/4DQPSK Transmitting |                 |                | Channel:    |        | 2402 MHz |        |
|-------|-------------|-------------|-----------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]        | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1245.8246   | 0.92        | 44.27                 | 45.19           | 74.00          | 28.81       | PASS   | H        | PK     |
| 2     | 1984.6985   | 4.47        | 41.57                 | 46.04           | 74.00          | 27.96       | PASS   | H        | PK     |
| 3     | 4804.1203   | -16.23      | 58.12                 | 41.89           | 74.00          | 32.11       | PASS   | H        | PK     |
| 4     | 7206.2804   | -11.83      | 59.06                 | 47.23           | 74.00          | 26.77       | PASS   | H        | PK     |
| 5     | 9607.4405   | -7.37       | 53.39                 | 46.02           | 74.00          | 27.98       | PASS   | H        | PK     |
| 6     | 13204.6803  | -3.13       | 51.04                 | 47.91           | 74.00          | 26.09       | PASS   | H        | PK     |
| 7     | 1396.8397   | 1.38        | 43.34                 | 44.72           | 74.00          | 29.28       | Pass   | V        | PK     |
| 8     | 1794.6795   | 3.26        | 43.77                 | 47.03           | 74.00          | 26.97       | Pass   | V        | PK     |
| 9     | 4788.1192   | -16.27      | 57.97                 | 41.70           | 74.00          | 32.30       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 58.24                 | 44.53           | 74.00          | 29.47       | Pass   | V        | PK     |
| 11    | 7206.2804   | -11.83      | 59.58                 | 47.75           | 74.00          | 26.25       | Pass   | V        | PK     |
| 12    | 9607.4405   | -7.37       | 59.93                 | 52.56           | 74.00          | 21.44       | Pass   | V        | PK     |

| Mode: |             |             | $\pi/4$ DQPSK Transmitting |                      |                      | Channel:    |        | 2441 MHz |        |
|-------|-------------|-------------|----------------------------|----------------------|----------------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dB $\mu$ V]       | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1395.4395   | 1.37        | 42.39                      | 43.76                | 74.00                | 30.24       | PASS   | H        | PK     |
| 2     | 1777.2777   | 3.20        | 42.96                      | 46.16                | 74.00                | 27.84       | PASS   | H        | PK     |
| 3     | 4881.1254   | -16.21      | 58.98                      | 42.77                | 74.00                | 31.23       | PASS   | H        | PK     |
| 4     | 7323.2882   | -11.65      | 58.90                      | 47.25                | 74.00                | 26.75       | PASS   | H        | PK     |
| 5     | 9763.4509   | -7.50       | 54.72                      | 47.22                | 74.00                | 26.78       | PASS   | H        | PK     |
| 6     | 13680.7120  | -1.74       | 51.09                      | 49.35                | 74.00                | 24.65       | PASS   | H        | PK     |
| 7     | 1355.8356   | 1.24        | 42.73                      | 43.97                | 74.00                | 30.03       | Pass   | V        | PK     |
| 8     | 1993.6994   | 4.52        | 43.94                      | 48.46                | 74.00                | 25.54       | Pass   | V        | PK     |
| 9     | 4323.0882   | -17.19      | 56.49                      | 39.30                | 74.00                | 34.70       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 58.31                      | 44.60                | 74.00                | 29.40       | Pass   | V        | PK     |
| 11    | 7322.2882   | -11.65      | 58.40                      | 46.75                | 74.00                | 27.25       | Pass   | V        | PK     |
| 12    | 9764.4510   | -7.50       | 59.87                      | 52.37                | 74.00                | 21.63       | Pass   | V        | PK     |

| Mode: |             |             | $\pi/4$ DQPSK Transmitting |                      |                      | Channel:    |        | 2480 MHz |        |
|-------|-------------|-------------|----------------------------|----------------------|----------------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dB $\mu$ V]       | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1296.8297   | 1.05        | 42.99                      | 44.04                | 74.00                | 29.96       | PASS   | H        | PK     |
| 2     | 2000.5001   | 4.55        | 41.54                      | 46.09                | 74.00                | 27.91       | PASS   | H        | PK     |
| 3     | 4960.1307   | -15.97      | 58.56                      | 42.59                | 74.00                | 31.41       | PASS   | H        | PK     |
| 4     | 7440.2960   | -11.34      | 62.00                      | 50.66                | 74.00                | 23.34       | PASS   | H        | PK     |
| 5     | 9920.4614   | -7.10       | 53.48                      | 46.38                | 74.00                | 27.62       | PASS   | H        | PK     |
| 6     | 13766.7178  | -1.68       | 50.97                      | 49.29                | 74.00                | 24.71       | PASS   | H        | PK     |
| 7     | 1287.4287   | 1.03        | 43.06                      | 44.09                | 74.00                | 29.91       | Pass   | V        | PK     |
| 8     | 1996.2996   | 4.53        | 41.79                      | 46.32                | 74.00                | 27.68       | Pass   | V        | PK     |
| 9     | 3200.0133   | -20.35      | 61.59                      | 41.24                | 74.00                | 32.76       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 57.81                      | 44.10                | 74.00                | 29.90       | Pass   | V        | PK     |
| 11    | 7439.2960   | -11.34      | 58.23                      | 46.89                | 74.00                | 27.11       | Pass   | V        | PK     |
| 12    | 9919.4613   | -7.10       | 59.42                      | 52.32                | 74.00                | 21.68       | Pass   | V        | PK     |

| Mode: |             |             | 8DPSK Transmitting |                 |                | Channel:    |        | 2402 MHz |        |
|-------|-------------|-------------|--------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]     | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1429.0429   | 1.41        | 42.61              | 44.02           | 74.00          | 29.98       | PASS   | H        | PK     |
| 2     | 1818.0818   | 3.42        | 42.60              | 46.02           | 74.00          | 27.98       | PASS   | H        | PK     |
| 3     | 4804.1203   | -16.23      | 57.30              | 41.07           | 74.00          | 32.93       | PASS   | H        | PK     |
| 4     | 7205.2804   | -11.83      | 59.85              | 48.02           | 74.00          | 25.98       | PASS   | H        | PK     |
| 5     | 9607.4405   | -7.37       | 54.60              | 47.23           | 74.00          | 26.77       | PASS   | H        | PK     |
| 6     | 12383.6256  | -4.86       | 52.44              | 47.58           | 74.00          | 26.42       | PASS   | H        | PK     |
| 7     | 1394.0394   | 1.37        | 43.30              | 44.67           | 74.00          | 29.33       | Pass   | V        | PK     |
| 8     | 1987.6988   | 4.49        | 42.50              | 46.99           | 74.00          | 27.01       | Pass   | V        | PK     |
| 9     | 4395.0930   | -17.06      | 55.69              | 38.63           | 74.00          | 35.37       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 58.77              | 45.06           | 74.00          | 28.94       | Pass   | V        | PK     |
| 11    | 7206.2804   | -11.83      | 59.80              | 47.97           | 74.00          | 26.03       | Pass   | V        | PK     |
| 12    | 9607.4405   | -7.37       | 57.93              | 50.56           | 74.00          | 23.44       | Pass   | V        | PK     |

| Mode: |             |             | 8DPSK Transmitting |                 |                | Channel:    |        | 2441 MHz |        |
|-------|-------------|-------------|--------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]     | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1363.4363   | 1.27        | 42.11              | 43.38           | 74.00          | 30.62       | PASS   | H        | PK     |
| 2     | 1954.4955   | 4.31        | 41.56              | 45.87           | 74.00          | 28.13       | PASS   | H        | PK     |
| 3     | 4155.0770   | -18.10      | 56.70              | 38.60           | 74.00          | 35.40       | PASS   | H        | PK     |
| 4     | 5882.1921   | -13.60      | 55.40              | 41.80           | 74.00          | 32.20       | PASS   | H        | PK     |
| 5     | 7322.2882   | -11.65      | 59.75              | 48.10           | 74.00          | 25.90       | PASS   | H        | PK     |
| 6     | 9764.4510   | -7.50       | 55.07              | 47.57           | 74.00          | 26.43       | PASS   | H        | PK     |
| 7     | 1283.8284   | 1.02        | 42.70              | 43.72           | 74.00          | 30.28       | Pass   | V        | PK     |
| 8     | 1750.6751   | 3.11        | 41.88              | 44.99           | 74.00          | 29.01       | Pass   | V        | PK     |
| 9     | 4253.0835   | -17.60      | 57.54              | 39.94           | 74.00          | 34.06       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 57.29              | 43.58           | 74.00          | 30.42       | Pass   | V        | PK     |
| 11    | 7323.2882   | -11.65      | 59.62              | 47.97           | 74.00          | 26.03       | Pass   | V        | PK     |
| 12    | 9763.4509   | -7.50       | 57.93              | 50.43           | 74.00          | 23.57       | Pass   | V        | PK     |

| Mode: |             |             | 8DPSK Transmitting |                 |                | Channel:    |        | 2480 MHz |        |
|-------|-------------|-------------|--------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]     | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1400.0400   | 1.39        | 42.80              | 44.19           | 74.00          | 29.81       | PASS   | H        | PK     |
| 2     | 2069.3069   | 4.78        | 41.91              | 46.69           | 74.00          | 27.31       | PASS   | H        | PK     |
| 3     | 3775.0517   | -19.41      | 58.03              | 38.62           | 74.00          | 35.38       | PASS   | H        | PK     |
| 4     | 4960.1307   | -15.97      | 60.11              | 44.14           | 74.00          | 29.86       | PASS   | H        | PK     |
| 5     | 7440.2960   | -11.34      | 59.54              | 48.20           | 74.00          | 25.80       | PASS   | H        | PK     |
| 6     | 9919.4613   | -7.10       | 56.90              | 49.80           | 74.00          | 24.20       | PASS   | H        | PK     |
| 7     | 1292.4292   | 1.04        | 43.53              | 44.57           | 74.00          | 29.43       | Pass   | V        | PK     |
| 8     | 1781.2781   | 3.22        | 42.15              | 45.37           | 74.00          | 28.63       | Pass   | V        | PK     |
| 9     | 4414.0943   | -17.04      | 55.92              | 38.88           | 74.00          | 35.12       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 57.82              | 44.11           | 74.00          | 29.89       | Pass   | V        | PK     |
| 11    | 7440.2960   | -11.34      | 61.01              | 49.67           | 74.00          | 24.33       | Pass   | V        | PK     |
| 12    | 9919.4613   | -7.10       | 57.94              | 50.84           | 74.00          | 23.16       | Pass   | V        | PK     |

Diagnostic board 2:

| Mode: |             |             | GFSK           |                 |                | Channel:    |        | 2402 MHz |        |
|-------|-------------|-------------|----------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1267.8268   | 0.98        | 42.68          | 43.66           | 74.00          | 30.34       | PASS   | H        | PK     |
| 2     | 1785.4785   | 3.23        | 42.15          | 45.38           | 74.00          | 28.62       | PASS   | H        | PK     |
| 3     | 4803.1202   | -16.23      | 61.52          | 45.29           | 74.00          | 28.71       | PASS   | H        | PK     |
| 4     | 7206.2804   | -11.83      | 63.62          | 51.79           | 74.00          | 22.21       | PASS   | H        | PK     |
| 5     | 9608.4406   | -7.37       | 56.74          | 49.37           | 74.00          | 24.63       | PASS   | H        | PK     |
| 6     | 12009.6006  | -5.31       | 53.53          | 48.22           | 74.00          | 25.78       | PASS   | H        | PK     |
| 7     | 1305.4305   | 1.08        | 42.78          | 43.86           | 74.00          | 30.14       | Pass   | V        | PK     |
| 8     | 1991.2991   | 4.50        | 43.12          | 47.62           | 74.00          | 26.38       | Pass   | V        | PK     |
| 9     | 4804.1203   | -16.23      | 58.18          | 41.95           | 74.00          | 32.05       | Pass   | V        | PK     |
| 10    | 7206.2804   | -11.83      | 65.67          | 53.84           | 74.00          | 20.16       | Pass   | V        | PK     |
| 11    | 9607.4405   | -7.37       | 57.30          | 49.93           | 74.00          | 24.07       | Pass   | V        | PK     |
| 12    | 13680.7120  | -1.74       | 49.86          | 48.12           | 74.00          | 25.88       | Pass   | V        | PK     |

| Mode: |             |             | GFSK           |                 |                | Channel:    |        | 2441 MHz |        |
|-------|-------------|-------------|----------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1279.0279   | 1.01        | 42.71          | 43.72           | 74.00          | 30.28       | PASS   | H        | PK     |
| 2     | 1868.4868   | 3.79        | 41.46          | 45.25           | 74.00          | 28.75       | PASS   | H        | PK     |
| 3     | 4881.1254   | -16.21      | 63.01          | 46.80           | 74.00          | 27.20       | PASS   | H        | PK     |
| 4     | 7322.2882   | -11.65      | 64.40          | 52.75           | 74.00          | 21.25       | PASS   | H        | PK     |
| 5     | 9764.4510   | -7.50       | 56.84          | 49.34           | 74.00          | 24.66       | PASS   | H        | PK     |
| 6     | 14393.7596  | 1.12        | 48.57          | 49.69           | 74.00          | 24.31       | PASS   | H        | PK     |
| 7     | 1205.8206   | 0.82        | 42.93          | 43.75           | 74.00          | 30.25       | Pass   | V        | PK     |
| 8     | 1759.4759   | 3.14        | 41.83          | 44.97           | 74.00          | 29.03       | Pass   | V        | PK     |
| 9     | 4882.1255   | -16.21      | 60.30          | 44.09           | 74.00          | 29.91       | Pass   | V        | PK     |
| 10    | 7323.2882   | -11.65      | 66.19          | 54.54           | 74.00          | 19.46       | Pass   | V        | PK     |
| 11    | 9764.4510   | -7.50       | 58.34          | 50.84           | 74.00          | 23.16       | Pass   | V        | PK     |
| 12    | 12519.6346  | -4.69       | 52.19          | 47.50           | 74.00          | 26.50       | Pass   | V        | PK     |



| Mode: |             |             | GFSK Transmitting |                 |                | Channel:    |        | 2480 MHz |        |
|-------|-------------|-------------|-------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]    | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1294.8295   | 1.05        | 42.89             | 43.94           | 74.00          | 30.06       | PASS   | H        | PK     |
| 2     | 1819.2819   | 3.42        | 41.81             | 45.23           | 74.00          | 28.77       | PASS   | H        | PK     |
| 3     | 4960.1307   | -15.97      | 60.76             | 44.79           | 74.00          | 29.21       | PASS   | H        | PK     |
| 4     | 7440.2960   | -11.34      | 63.17             | 51.83           | 74.00          | 22.17       | PASS   | H        | PK     |
| 5     | 9919.4613   | -7.10       | 57.46             | 50.36           | 74.00          | 23.64       | PASS   | H        | PK     |
| 6     | 12967.6645  | -4.12       | 52.59             | 48.47           | 74.00          | 25.53       | PASS   | H        | PK     |
| 7     | 1240.4240   | 0.91        | 43.07             | 43.98           | 74.00          | 30.02       | Pass   | V        | PK     |
| 8     | 1999.2999   | 4.55        | 42.01             | 46.56           | 74.00          | 27.44       | Pass   | V        | PK     |
| 9     | 3191.0127   | -20.37      | 61.39             | 41.02           | 74.00          | 32.98       | Pass   | V        | PK     |
| 10    | 4960.1307   | -15.97      | 60.30             | 44.33           | 74.00          | 29.67       | Pass   | V        | PK     |
| 11    | 7440.2960   | -11.34      | 61.89             | 50.55           | 74.00          | 23.45       | Pass   | V        | PK     |
| 12    | 9919.4613   | -7.10       | 59.49             | 52.39           | 74.00          | 21.61       | Pass   | V        | PK     |

| Mode: |             |             | π/4DQPSK Transmitting |                 |                | Channel:    |        | 2402 MHz |        |
|-------|-------------|-------------|-----------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]        | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1188.2188   | 0.81        | 42.48                 | 43.29           | 74.00          | 30.71       | PASS   | H        | PK     |
| 2     | 1867.4867   | 3.79        | 41.33                 | 45.12           | 74.00          | 28.88       | PASS   | H        | PK     |
| 3     | 4804.1203   | -16.23      | 58.34                 | 42.11           | 74.00          | 31.89       | PASS   | H        | PK     |
| 4     | 7205.2804   | -11.83      | 59.81                 | 47.98           | 74.00          | 26.02       | PASS   | H        | PK     |
| 5     | 9608.4406   | -7.37       | 52.80                 | 45.43           | 74.00          | 28.57       | PASS   | H        | PK     |
| 6     | 14395.7597  | 1.15        | 48.58                 | 49.73           | 74.00          | 24.27       | PASS   | H        | PK     |
| 7     | 1398.6399   | 1.39        | 44.68                 | 46.07           | 74.00          | 27.93       | Pass   | V        | PK     |
| 8     | 1996.4997   | 4.53        | 44.35                 | 48.88           | 74.00          | 25.12       | Pass   | V        | PK     |
| 9     | 3393.0262   | -20.17      | 60.57                 | 40.40           | 74.00          | 33.60       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 57.24                 | 43.53           | 74.00          | 30.47       | Pass   | V        | PK     |
| 11    | 7206.2804   | -11.83      | 61.67                 | 49.84           | 74.00          | 24.16       | Pass   | V        | PK     |
| 12    | 9607.4405   | -7.37       | 55.03                 | 47.66           | 74.00          | 26.34       | Pass   | V        | PK     |

| Mode: |             |             | $\pi/4$ DQPSK Transmitting |                      |                      | Channel:    |        | 2441 MHz |        |
|-------|-------------|-------------|----------------------------|----------------------|----------------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dB $\mu$ V]       | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1296.4296   | 1.05        | 42.27                      | 43.32                | 74.00                | 30.68       | PASS   | H        | PK     |
| 2     | 1986.8987   | 4.48        | 41.39                      | 45.87                | 74.00                | 28.13       | PASS   | H        | PK     |
| 3     | 4882.1255   | -16.21      | 57.98                      | 41.77                | 74.00                | 32.23       | PASS   | H        | PK     |
| 4     | 7322.2882   | -11.65      | 61.43                      | 49.78                | 74.00                | 24.22       | PASS   | H        | PK     |
| 5     | 9764.4510   | -7.50       | 55.78                      | 48.28                | 74.00                | 25.72       | PASS   | H        | PK     |
| 6     | 14395.7597  | 1.15        | 48.39                      | 49.54                | 74.00                | 24.46       | PASS   | H        | PK     |
| 7     | 1394.2394   | 1.37        | 44.54                      | 45.91                | 74.00                | 28.09       | Pass   | V        | PK     |
| 8     | 1992.4993   | 4.51        | 43.96                      | 48.47                | 74.00                | 25.53       | Pass   | V        | PK     |
| 9     | 4258.0839   | -17.56      | 57.68                      | 40.12                | 74.00                | 33.88       | Pass   | V        | PK     |
| 10    | 7322.2882   | -11.65      | 61.13                      | 49.48                | 74.00                | 24.52       | Pass   | V        | PK     |
| 11    | 9763.4509   | -7.50       | 55.91                      | 48.41                | 74.00                | 25.59       | Pass   | V        | PK     |
| 12    | 14429.7620  | 0.79        | 49.17                      | 49.96                | 74.00                | 24.04       | Pass   | V        | PK     |

| Mode: |             |             | $\pi/4$ DQPSK Transmitting |                      |                      | Channel:    |        | 2480 MHz |        |
|-------|-------------|-------------|----------------------------|----------------------|----------------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dB $\mu$ V]       | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1189.2189   | 0.81        | 43.30                      | 44.11                | 74.00                | 29.89       | PASS   | H        | PK     |
| 2     | 1738.2738   | 3.07        | 42.26                      | 45.33                | 74.00                | 28.67       | PASS   | H        | PK     |
| 3     | 4215.0810   | -17.90      | 56.33                      | 38.43                | 74.00                | 35.57       | PASS   | H        | PK     |
| 4     | 7440.2960   | -11.34      | 59.66                      | 48.32                | 74.00                | 25.68       | PASS   | H        | PK     |
| 5     | 9920.4614   | -7.10       | 56.71                      | 49.61                | 74.00                | 24.39       | PASS   | H        | PK     |
| 6     | 14345.7564  | 0.32        | 48.14                      | 48.46                | 74.00                | 25.54       | PASS   | H        | PK     |
| 7     | 1236.8237   | 0.90        | 43.55                      | 44.45                | 74.00                | 29.55       | Pass   | V        | PK     |
| 8     | 1764.0764   | 3.16        | 42.01                      | 45.17                | 74.00                | 28.83       | Pass   | V        | PK     |
| 9     | 3808.0539   | -19.23      | 56.88                      | 37.65                | 74.00                | 36.35       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 57.38                      | 43.67                | 74.00                | 30.33       | Pass   | V        | PK     |
| 11    | 7439.2960   | -11.34      | 59.73                      | 48.39                | 74.00                | 25.61       | Pass   | V        | PK     |
| 12    | 9920.4614   | -7.10       | 56.45                      | 49.35                | 74.00                | 24.65       | Pass   | V        | PK     |



| Mode: |             |             | 8DPSK Transmitting |                 |                | Channel:    |        | 2402 MHz |        |
|-------|-------------|-------------|--------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]     | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1203.4203   | 0.81        | 43.54              | 44.35           | 74.00          | 29.65       | PASS   | H        | PK     |
| 2     | 1808.4808   | 3.34        | 42.04              | 45.38           | 74.00          | 28.62       | PASS   | H        | PK     |
| 3     | 4804.1203   | -16.23      | 60.54              | 44.31           | 74.00          | 29.69       | PASS   | H        | PK     |
| 4     | 7206.2804   | -11.83      | 58.73              | 46.90           | 74.00          | 27.10       | PASS   | H        | PK     |
| 5     | 9607.4405   | -7.37       | 55.75              | 48.38           | 74.00          | 25.62       | PASS   | H        | PK     |
| 6     | 13304.6870  | -3.43       | 51.07              | 47.64           | 74.00          | 26.36       | PASS   | H        | PK     |
| 7     | 1191.8192   | 0.80        | 42.71              | 43.51           | 74.00          | 30.49       | Pass   | V        | PK     |
| 8     | 2000.1000   | 4.55        | 43.76              | 48.31           | 74.00          | 25.69       | Pass   | V        | PK     |
| 9     | 3750.0500   | -19.58      | 57.53              | 37.95           | 74.00          | 36.05       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 57.57              | 43.86           | 74.00          | 30.14       | Pass   | V        | PK     |
| 11    | 7206.2804   | -11.83      | 60.21              | 48.38           | 74.00          | 25.62       | Pass   | V        | PK     |
| 12    | 9607.4405   | -7.37       | 54.57              | 47.20           | 74.00          | 26.80       | Pass   | V        | PK     |

| Mode: |             |             | 8DPSK Transmitting |                 |                | Channel:    |        | 2441 MHz |        |
|-------|-------------|-------------|--------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]     | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1249.8250   | 0.93        | 42.42              | 43.35           | 74.00          | 30.65       | PASS   | H        | PK     |
| 2     | 1760.6761   | 3.15        | 42.27              | 45.42           | 74.00          | 28.58       | PASS   | H        | PK     |
| 3     | 4882.1255   | -16.21      | 57.89              | 41.68           | 74.00          | 32.32       | PASS   | H        | PK     |
| 4     | 7323.2882   | -11.65      | 60.37              | 48.72           | 74.00          | 25.28       | PASS   | H        | PK     |
| 5     | 9764.4510   | -7.50       | 54.70              | 47.20           | 74.00          | 26.80       | PASS   | H        | PK     |
| 6     | 13850.7234  | -1.80       | 50.50              | 48.70           | 74.00          | 25.30       | PASS   | H        | PK     |
| 7     | 1237.0237   | 0.90        | 42.62              | 43.52           | 74.00          | 30.48       | Pass   | V        | PK     |
| 8     | 1812.6813   | 3.38        | 42.17              | 45.55           | 74.00          | 28.45       | Pass   | V        | PK     |
| 9     | 4239.0826   | -17.71      | 56.24              | 38.53           | 74.00          | 35.47       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 57.07              | 43.36           | 74.00          | 30.64       | Pass   | V        | PK     |
| 11    | 7322.2882   | -11.65      | 62.07              | 50.42           | 74.00          | 23.58       | Pass   | V        | PK     |
| 12    | 9764.4510   | -7.50       | 57.90              | 50.40           | 74.00          | 23.60       | Pass   | V        | PK     |

| Mode: |             |             | 8DPSK Transmitting |                 |                | Channel:    |        | 2480 MHz |        |
|-------|-------------|-------------|--------------------|-----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Factor [dB] | Reading [dBμV]     | Level [dB μV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1119.6120   | 0.84        | 42.98              | 43.82           | 74.00          | 30.18       | PASS   | H        | PK     |
| 2     | 1769.8770   | 3.18        | 41.94              | 45.12           | 74.00          | 28.88       | PASS   | H        | PK     |
| 3     | 4960.1307   | -15.97      | 57.94              | 41.97           | 74.00          | 32.03       | PASS   | H        | PK     |
| 4     | 7439.2960   | -11.34      | 61.27              | 49.93           | 74.00          | 24.07       | PASS   | H        | PK     |
| 5     | 9920.4614   | -7.10       | 56.43              | 49.33           | 74.00          | 24.67       | PASS   | H        | PK     |
| 6     | 14394.7597  | 1.13        | 48.99              | 50.12           | 74.00          | 23.88       | PASS   | H        | PK     |
| 7     | 1147.2147   | 0.83        | 43.27              | 44.10           | 74.00          | 29.90       | Pass   | V        | PK     |
| 8     | 1797.0797   | 3.27        | 42.70              | 45.97           | 74.00          | 28.03       | Pass   | V        | PK     |
| 9     | 4146.0764   | -18.11      | 56.08              | 37.97           | 74.00          | 36.03       | Pass   | V        | PK     |
| 10    | 5760.1840   | -13.71      | 57.91              | 44.20           | 74.00          | 29.80       | Pass   | V        | PK     |
| 11    | 7439.2960   | -11.34      | 57.84              | 46.50           | 74.00          | 27.50       | Pass   | V        | PK     |
| 12    | 9919.4613   | -7.10       | 57.47              | 50.37           | 74.00          | 23.63       | 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:  
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance above 10GHz 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.

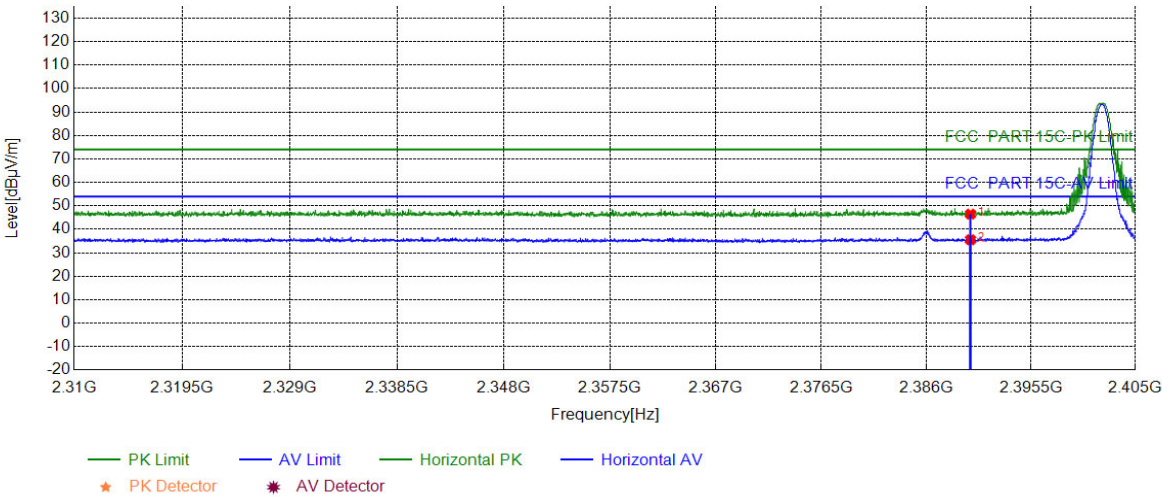
Restricted bands:

Diagnostic board 1:

Test plot as follows:

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

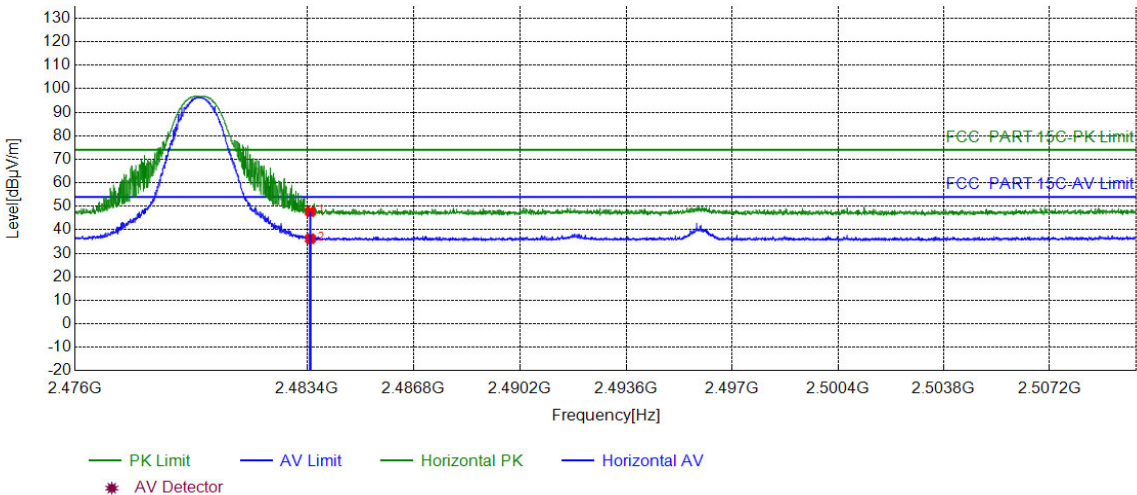
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2390.0000   | 5.77        | 40.71          | 46.48          | 74.00          | 27.52       | PASS   | Horizontal | PK     |
| 2  | 2390.0000   | 5.77        | 29.79          | 35.56          | 54.00          | 18.44       | PASS   | Horizontal | AV     |

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

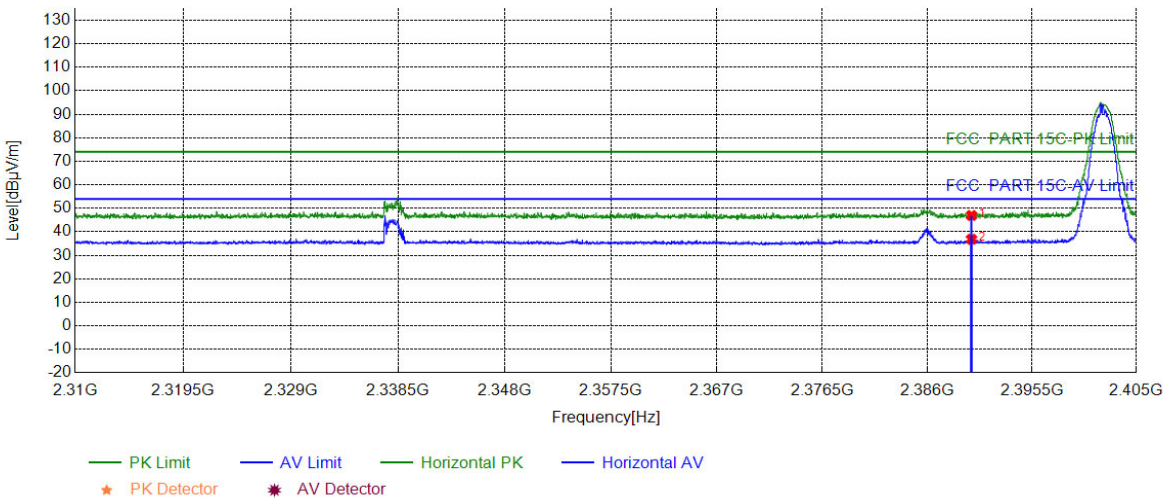
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2483.5000   | 6.57        | 41.15          | 47.72          | 74.00          | 26.28       | PASS   | Horizontal | PK     |
| 2  | 2483.5000   | 6.57        | 29.65          | 36.22          | 54.00          | 17.78       | PASS   | Horizontal | AV     |

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

Test Graph

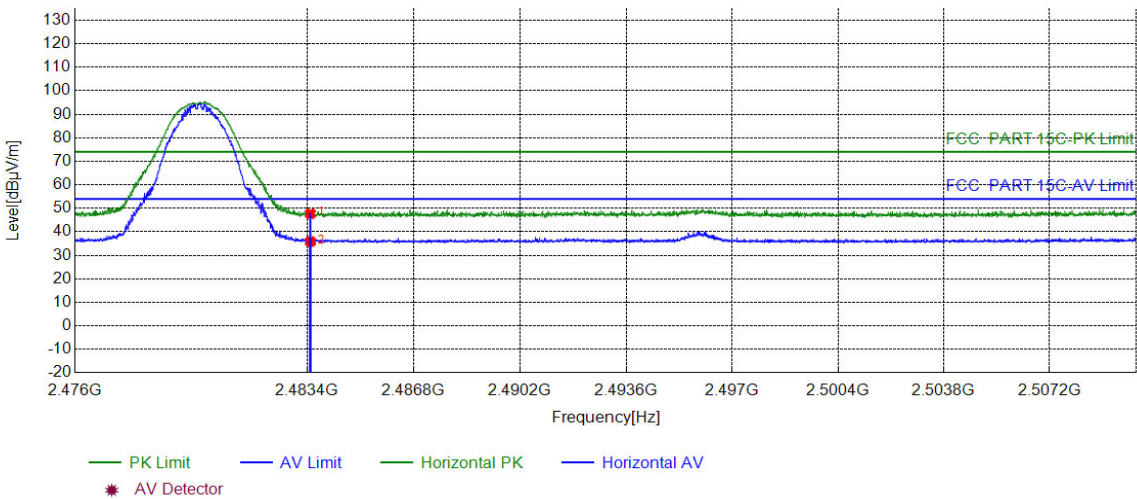


| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2390.0000   | 5.77        | 41.20          | 46.97          | 74.00          | 27.03       | PASS   | Horizontal | PK     |
| 2  | 2390.0000   | 5.77        | 31.06          | 36.83          | 54.00          | 17.17       | PASS   | Horizontal | AV     |



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

Test Graph

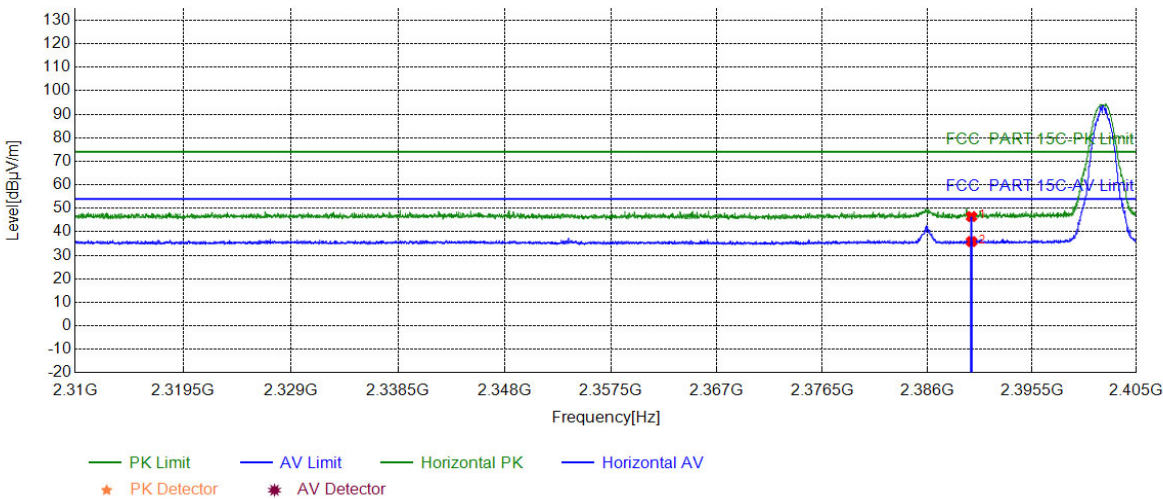


| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2483.5000   | 6.57        | 41.16          | 47.73          | 74.00          | 26.27       | PASS   | Horizontal | PK     |
| 2  | 2483.5000   | 6.57        | 29.28          | 35.85          | 54.00          | 18.15       | PASS   | Horizontal | AV     |



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

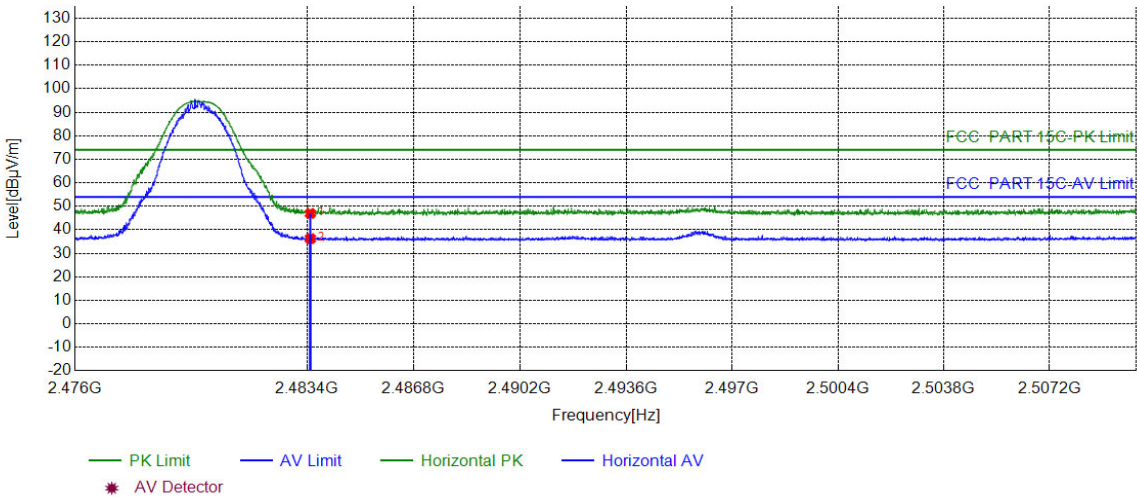
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2390.0000   | 5.77        | 40.71          | 46.48          | 74.00          | 27.52       | PASS   | Horizontal | PK     |
| 2  | 2390.0000   | 5.77        | 30.10          | 35.87          | 54.00          | 18.13       | PASS   | Horizontal | AV     |

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

Test Graph



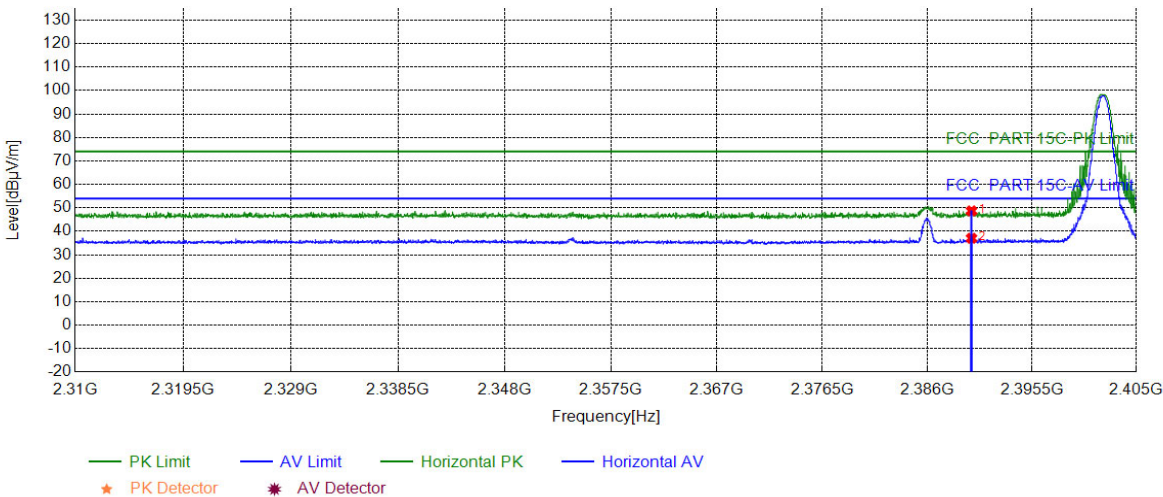
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2483.5000   | 6.57        | 40.41          | 46.98          | 74.00          | 27.02       | PASS   | Horizontal | PK     |
| 2  | 2483.5000   | 6.57        | 29.68          | 36.25          | 54.00          | 17.75       | PASS   | Horizontal | AV     |

Diagnostic board 2:

Test plot as follows:

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

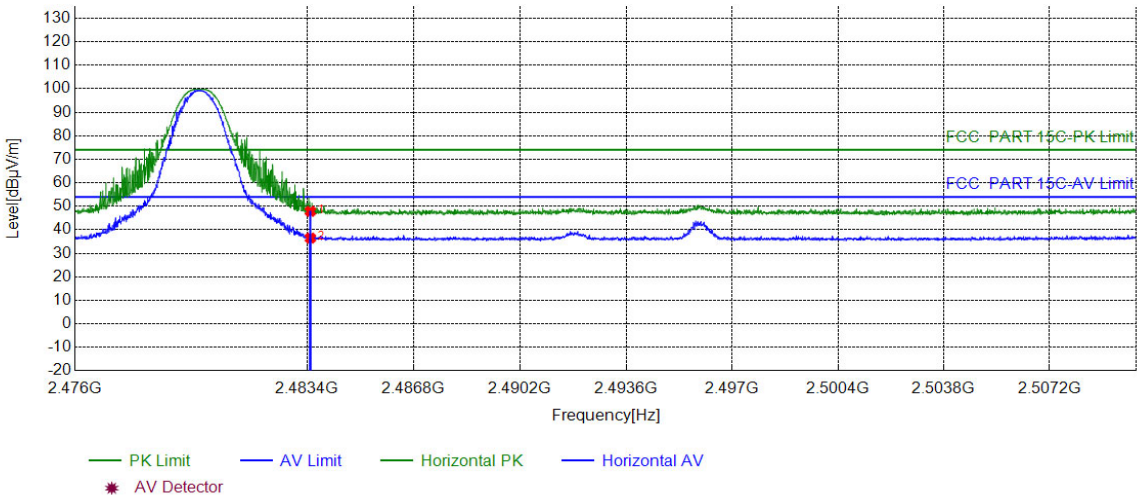
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2390.0000   | 5.77        | 42.93          | 48.70          | 74.00          | 25.30       | PASS   | Horizontal | PK     |
| 2  | 2390.0000   | 5.77        | 31.27          | 37.04          | 54.00          | 16.96       | PASS   | Horizontal | AV     |

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

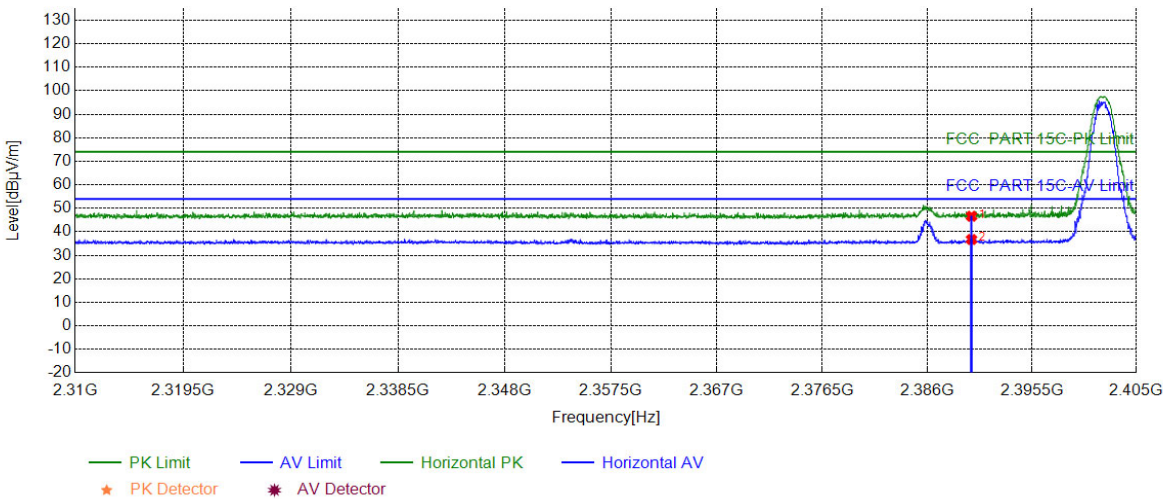
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2483.5000   | 6.57        | 41.30          | 47.87          | 74.00          | 26.13       | PASS   | Horizontal | PK     |
| 2  | 2483.5000   | 6.57        | 29.92          | 36.49          | 54.00          | 17.51       | PASS   | Horizontal | AV     |

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

Test Graph

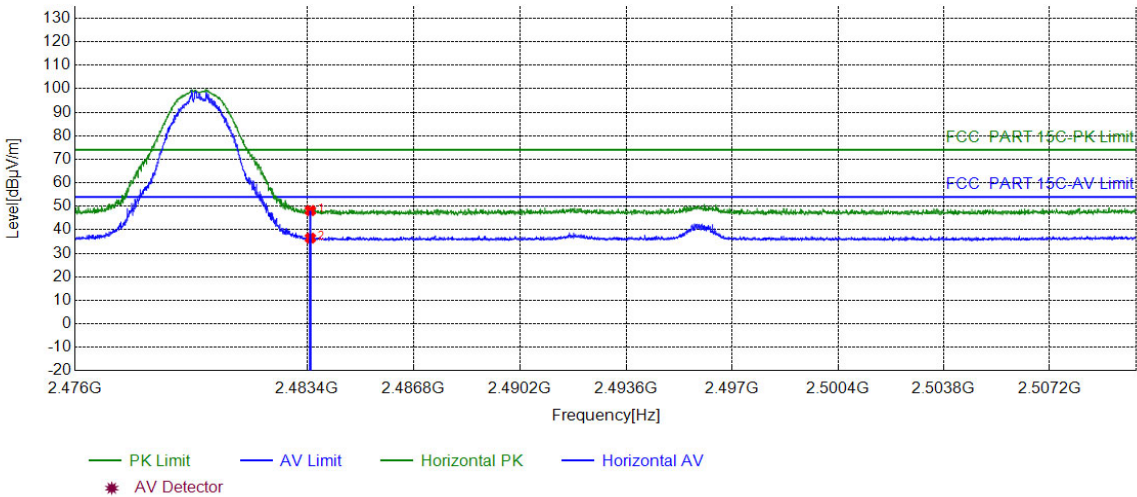


| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2390.0000   | 5.77        | 40.86          | 46.63          | 74.00          | 27.37       | PASS   | Horizontal | PK     |
| 2  | 2390.0000   | 5.77        | 30.97          | 36.74          | 54.00          | 17.26       | PASS   | Horizontal | AV     |



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

Test Graph

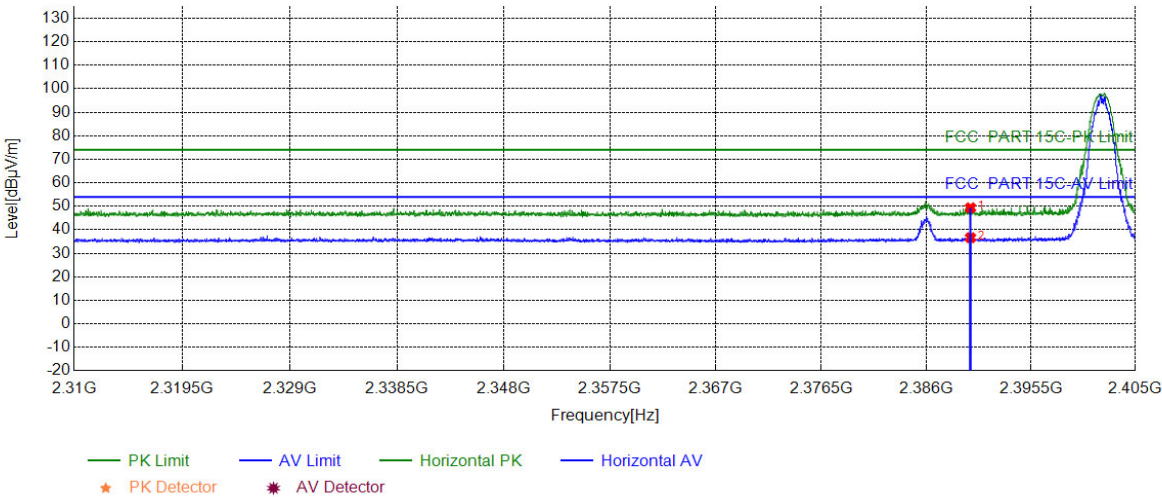


| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2483.5000   | 6.57        | 41.61          | 48.18          | 74.00          | 25.82       | PASS   | Horizontal | PK     |
| 2  | 2483.5000   | 6.57        | 29.91          | 36.48          | 54.00          | 17.52       | PASS   | Horizontal | AV     |



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

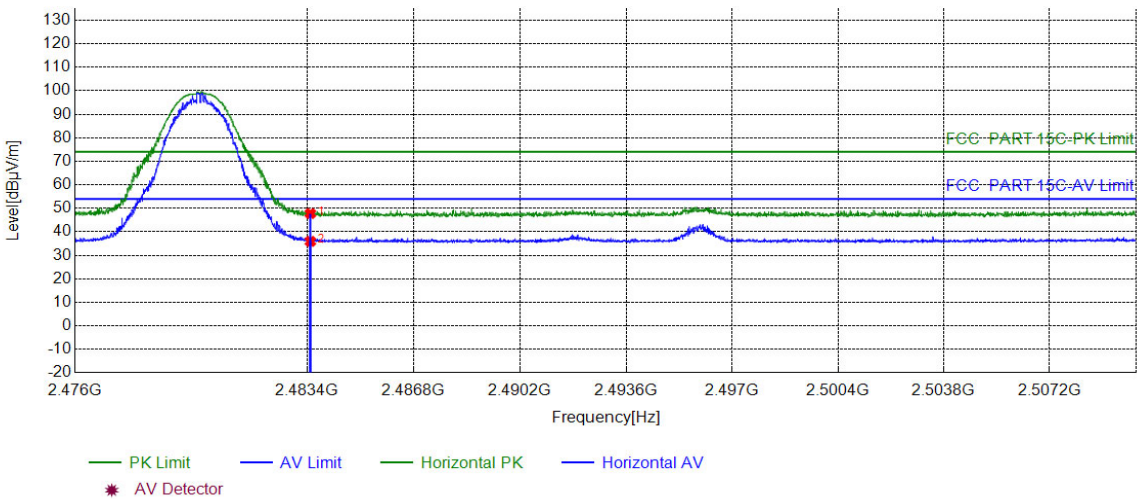
Test Graph



| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 2390.0000   | 5.77        | 43.58          | 49.35          | 74.00          | 24.65       | PASS   | Horizontal | PK     |
| 2  | 2390.0000   | 5.77        | 30.87          | 36.64          | 54.00          | 17.36       | 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        | 41.24          | 47.81          | 74.00          | 26.19       | PASS   | Horizontal | PK     |
| 2  | 2483.5000   | 6.57        | 29.36          | 35.93          | 54.00          | 18.07       | PASS   | Horizontal | 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

## 6 Appendix A

Refer to Appendix: Bluetooth Classic of EED32N80682002.