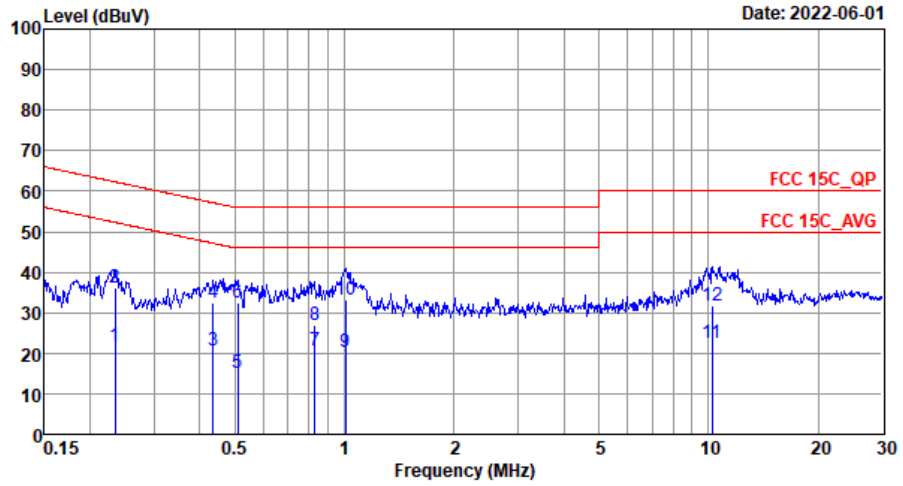
| | | | |
|---|---|---|---|
| **Test Engineer :** | Lily | **Temperature :** | 22~25℃ |
| | | **Relative Humidity :** | 50~55% |
| **Test Voltage :** | 120Vac / 60Hz | **Phase :** | Neutral |
| **Remark :** | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-SZ
Condition: FCC 15C_QP LISN_20210901_N NEUTRAL

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.23 | 21.91 | -30.39 | 52.30 | 1.20 | 10.26 | 10.45 | Average |
| 2 | | 0.23 | 36.01 | -26.29 | 62.30 | 15.30 | 10.26 | 10.45 | QP |
| 3 | | 0.44 | 20.79 | -26.36 | 47.15 | -1.00 | 10.19 | 11.60 | Average |
| 4 | | 0.44 | 32.49 | -24.66 | 57.15 | 10.70 | 10.19 | 11.60 | QP |
| 5 | | 0.51 | 15.10 | -30.90 | 46.00 | -6.90 | 10.20 | 11.80 | Average |
| 6 | | 0.51 | 32.50 | -23.50 | 56.00 | 10.50 | 10.20 | 11.80 | QP |
| 7 | | 0.83 | 20.49 | -25.51 | 46.00 | -0.40 | 10.22 | 10.67 | Average |
| 8 | | 0.83 | 26.79 | -29.21 | 56.00 | 5.90 | 10.22 | 10.67 | QP |
| 9 | | 1.00 | 20.25 | -25.75 | 46.00 | -0.20 | 10.22 | 10.23 | Average |
| 10 | * | 1.00 | 33.15 | -22.85 | 56.00 | 12.70 | 10.22 | 10.23 | QP |
| 11 | | 10.23 | 22.49 | -27.51 | 50.00 | 2.20 | 9.99 | 10.30 | Average |
| 12 | | 10.23 | 31.69 | -28.31 | 60.00 | 11.40 | 9.99 | 10.30 | QP |

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

# Appendix C. Radiated Spurious Emission

## For Bluetooth_Ant.1

**2.4GHz 2400~2483.5MHz**

**BT (Band Edge @ 3m)**

| BT | Note | Frequency | Level | Margin | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| BT CH00 2402MHz | | 2385.075 | 49.95 | -24.05 | 74 | 40.99 | 32.03 | 9.63 | 32.7 | 111 | 33 | P | H |
| | | 2385.075 | 25.16 | -28.84 | 54 | - | - | - | - | - | - | A | H |
| | * | 2402 | 108.93 | - | - | 99.98 | 32 | 9.65 | 32.7 | 111 | 33 | P | H |
| | * | 2402 | 84.14 | - | - | - | - | - | - | - | - | A | H |
| | | 2362.815 | 48.91 | -25.09 | 74 | 39.93 | 32.07 | 9.61 | 32.7 | 144 | 324 | P | V |
| | | 2362.815 | 24.12 | -29.88 | 54 | - | - | - | - | | | A | V |
| | * | 2402 | 108.07 | - | - | 99.12 | 32 | 9.65 | 32.7 | 144 | 324 | P | V |
| | * | 2402 | 83.28 | - | - | - | - | - | - | - | - | A | V |
| BT CH 39 2441MHz | | 2365.02 | 48.73 | -25.27 | 74 | 39.75 | 32.07 | 9.61 | 32.7 | 110 | 49 | P | H |
| | | 2365.02 | 23.94 | -30.06 | 54 | - | - | - | - | - | - | A | H |
| | * | 2441 | 110.29 | - | - | 100.99 | 32.3 | 9.7 | 32.7 | 110 | 49 | P | H |
| | * | 2441 | 85.5 | - | - | - | - | - | - | - | - | A | H |
| | | 2497.69 | 47.89 | -26.11 | 74 | 38.72 | 32.1 | 9.77 | 32.7 | 110 | 49 | P | H |
| | | 2497.69 | 23.1 | -30.9 | 54 | - | - | - | - | - | - | A | H |
| | | 2386.3 | 48.84 | -25.16 | 74 | 39.91 | 32 | 9.63 | 32.7 | 138 | 324 | P | V |
| | | 2386.3 | 24.05 | -29.95 | 54 | - | - | - | - | - | - | A | V |
| | * | 2441 | 107.62 | - | - | 98.32 | 32.3 | 9.7 | 32.7 | 138 | 324 | P | V |
| | * | 2441 | 82.83 | - | - | - | - | - | - | - | - | A | V |
| | | 2498.32 | 49.07 | -24.93 | 74 | 39.9 | 32.1 | 9.77 | 32.7 | 138 | 324 | P | V |
| | | 2498.32 | 24.28 | -29.72 | 54 | - | - | - | - | - | - | A | V |
| BT CH 78 2480MHz | * | 2480 | 108.7 | - | - | 99.48 | 32.17 | 9.75 | 32.7 | 100 | 49 | P | H |
| | * | 2480 | 83.91 | - | - | - | - | - | - | - | - | A | H |
| | | 2483.6 | 51.55 | -22.45 | 74 | 42.33 | 32.17 | 9.75 | 32.7 | 100 | 49 | P | H |
| | | 2483.6 | 26.76 | -27.24 | 54 | - | - | - | - | - | - | A | H |
| | * | 2480 | 107.44 | - | - | 98.22 | 32.17 | 9.75 | 32.7 | 123 | 327 | P | V |
| | * | 2480 | 82.65 | - | - | - | - | - | - | - | - | A | V |
| | | 2483.76 | 51.16 | -22.84 | 74 | 41.94 | 32.17 | 9.75 | 32.7 | 123 | 327 | P | V |
| | | 2483.76 | 26.37 | -27.63 | 54 | - | - | - | - | - | - | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

## 2.4GHz 2400~2483.5MHz

## BT (Harmonic @ 3m)

| BT | Note | Frequency | Level | Margin | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| BT CH 00 2402MHz | | 4804 | 45.44 | -28.56 | 74 | 51.69 | 33.9 | 12 | 52.15 | - | - | P | H |
| | | 4804 | 20.65 | -33.35 | 54 | - | - | - | - | - | - | A | H |
| | | 4804 | 45.25 | -28.75 | 74 | 51.5 | 33.9 | 12 | 52.15 | - | - | P | V |
| | | 4804 | 20.46 | -33.54 | 54 | - | - | - | - | - | - | A | V |
| BT CH 39 2441MHz | | 4882 | 45.34 | -28.66 | 74 | 51.66 | 33.73 | 12.05 | 52.1 | - | - | P | H |
| | | 4882 | 20.55 | -33.45 | 54 | - | - | - | - | - | - | A | H |
| | | 7323 | 47.46 | -26.54 | 74 | 49.29 | 35.77 | 14.17 | 51.77 | - | - | P | H |
| | | 7323 | 22.67 | -31.33 | 54 | - | - | - | - | - | - | A | H |
| | | 4882 | 43.68 | -30.32 | 74 | 50 | 33.73 | 12.05 | 52.1 | - | - | P | V |
| | | 4882 | 18.89 | -35.11 | 54 | - | - | - | - | - | - | A | V |
| | | 7323 | 47.05 | -26.95 | 74 | 48.88 | 35.77 | 14.17 | 51.77 | - | - | P | V |
| | | 7323 | 22.26 | -31.74 | 54 | - | - | - | - | - | - | A | V |
| BT CH 78 2480MHz | | 4960 | 44.74 | -29.26 | 74 | 50.95 | 33.73 | 12.09 | 52.03 | - | - | P | H |
| | | 4960 | 19.95 | -34.05 | 54 | - | - | - | - | - | - | A | H |
| | | 7440 | 47.12 | -26.88 | 74 | 48.74 | 35.79 | 14.24 | 51.65 | - | - | P | H |
| | | 7440 | 22.33 | -31.67 | 54 | - | - | - | - | - | - | A | H |
| | | 4960 | 44.23 | -29.77 | 74 | 50.44 | 33.73 | 12.09 | 52.03 | - | - | P | V |
| | | 4960 | 19.44 | -34.56 | 54 | - | - | - | - | - | - | A | V |
| | | 7440 | 47.55 | -26.45 | 74 | 49.17 | 35.79 | 14.24 | 51.65 | - | - | P | V |
| | | 7440 | 22.76 | -31.24 | 54 | - | - | - | - | - | - | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

## Emission below 1GHz

## 2.4GHz BT (LF)

| BT | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz BT LF | | 30 | 24.75 | -15.25 | 40 | 29.84 | 25.2 | 1.01 | 31.3 | - | - | P | H |
| | | 54.25 | 22.96 | -17.04 | 40 | 39.63 | 13.58 | 1.35 | 31.6 | - | - | P | H |
| | | 122.15 | 22.94 | -20.56 | 43.5 | 34.28 | 18.16 | 2.01 | 31.51 | - | - | P | H |
| | | 316.15 | 25.74 | -20.26 | 46 | 34.15 | 19.76 | 3.2 | 31.37 | - | - | P | H |
| | | 521.79 | 28.38 | -17.62 | 46 | 31.26 | 24.26 | 4.11 | 31.25 | - | - | P | H |
| | | 638.19 | 29.92 | -16.08 | 46 | 31.69 | 25.13 | 4.55 | 31.45 | - | - | P | H |
| | | 37.76 | 30.88 | -9.12 | 40 | 40.71 | 20.44 | 1.13 | 31.4 | - | - | P | V |
| | | 53.28 | 28.5 | -11.5 | 40 | 45 | 13.76 | 1.34 | 31.6 | - | - | P | V |
| | | 88.2 | 20.23 | -23.27 | 43.5 | 35.28 | 14.74 | 1.71 | 31.5 | - | - | P | V |
| | | 259.89 | 21.9 | -24.1 | 46 | 30.44 | 20.2 | 2.91 | 31.65 | - | - | P | V |
| | | 438.37 | 25.42 | -20.58 | 46 | 30.38 | 22.75 | 3.77 | 31.48 | - | - | P | V |
| | | 615.88 | 29.65 | -16.35 | 46 | 31.72 | 24.99 | 4.48 | 31.54 | - | - | P | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against limit line. | | | | | | | | | | | | |

## For Bluetooth_Ant.2

### 2.4GHz 2400~2483.5MHz

### BT (Band Edge @ 3m)

| BT | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | ( dBµV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| BT CH00 2402MHz | | 2388.75 | 48.79 | -25.21 | 74 | 39.85 | 32 | 9.64 | 32.7 | 109 | 26 | P | H |
| | | 2388.75 | 24 | -30 | 54 | - | - | - | - | - | - | A | H |
| | * | 2402 | 108.62 | - | - | 99.67 | 32 | 9.65 | 32.7 | 109 | 26 | P | H |
| | * | 2402 | 83.83 | - | - | - | - | - | - | - | - | A | H |
| | | 2385.6 | 49.22 | -24.78 | 74 | 40.29 | 32 | 9.63 | 32.7 | 146 | 322 | P | V |
| | | 2385.6 | 24.43 | -29.57 | 54 | - | - | - | - | - | - | A | V |
| | * | 2402 | 106.57 | - | - | 97.62 | 32 | 9.65 | 32.7 | 146 | 322 | P | V |
| | * | 2402 | 81.78 | - | - | - | - | - | - | - | - | A | V |
| BT CH 39 2441MHz | | 2311.4 | 49.19 | -24.81 | 74 | 40.45 | 31.9 | 9.54 | 32.7 | 110 | 32 | P | H |
| | | 2311.4 | 24.4 | -29.6 | 54 | - | - | - | - | - | - | A | H |
| | * | 2441 | 108.64 | - | - | 99.34 | 32.3 | 9.7 | 32.7 | 110 | 32 | P | H |
| | * | 2441 | 83.85 | - | - | - | - | - | - | - | - | A | H |
| | | 2487.4 | 48.97 | -25.03 | 74 | 39.75 | 32.17 | 9.75 | 32.7 | 110 | 32 | P | H |
| | | 2487.4 | 24.18 | -29.82 | 54 | - | - | - | - | - | - | A | H |
| | | 2388.96 | 48.28 | -25.72 | 74 | 39.34 | 32 | 9.64 | 32.7 | 166 | 324 | P | V |
| | | 2388.96 | 23.49 | -30.51 | 54 | - | - | - | - | - | - | A | V |
| | * | 2441 | 105.18 | - | - | 95.88 | 32.3 | 9.7 | 32.7 | 166 | 324 | P | V |
| | * | 2441 | 80.39 | - | - | - | - | - | - | - | - | A | V |
| | | 2500 | 48.34 | -25.66 | 74 | 39.17 | 32.1 | 9.77 | 32.7 | 166 | 324 | P | V |
| | | 2500 | 23.55 | -30.45 | 54 | - | - | - | - | - | - | A | V |
| BT CH 78 2480MHz | * | 2480 | 107.6 | - | - | 98.38 | 32.17 | 9.75 | 32.7 | 106 | 28 | P | H |
| | * | 2480 | 82.81 | - | - | - | - | - | - | - | - | A | H |
| | | 2483.52 | 51.89 | -22.11 | 74 | 42.67 | 32.17 | 9.75 | 32.7 | 106 | 28 | P | H |
| | | 2483.52 | 27.1 | -26.9 | 54 | - | - | - | - | - | - | A | H |
| | * | 2480 | 105.65 | - | - | 96.43 | 32.17 | 9.75 | 32.7 | 121 | 324 | P | V |
| | * | 2480 | 80.86 | - | - | - | - | - | - | - | - | A | V |
| | | 2486.28 | 49.2 | -24.8 | 74 | 39.98 | 32.17 | 9.75 | 32.7 | 121 | 324 | P | V |
| | | 2486.28 | 24.41 | -29.59 | 54 | - | - | - | - | - | - | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

## 2.4GHz 2400~2483.5MHz

## BT (Harmonic @ 3m)

| BT | Note | Frequency | Level | Margin | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| BT CH 00 2402MHz | | 4804 | 45.52 | -28.48 | 74 | 51.77 | 33.9 | 12 | 52.15 | - | - | P | H |
| | | 4804 | 20.73 | -33.27 | 54 | - | - | - | - | - | - | A | H |
| | | 4804 | 45.43 | -28.57 | 74 | 51.68 | 33.9 | 12 | 52.15 | - | - | P | V |
| | | 4804 | 20.64 | -33.36 | 54 | - | - | - | - | - | - | A | V |
| BT CH 39 2441MHz | | 4882 | 45.35 | -28.65 | 74 | 51.67 | 33.73 | 12.05 | 52.1 | - | - | P | H |
| | | 4882 | 20.56 | -33.44 | 54 | - | - | - | - | - | - | A | H |
| | | 7323 | 47.42 | -26.58 | 74 | 49.25 | 35.77 | 14.17 | 51.77 | - | - | P | H |
| | | 7323 | 22.63 | -31.37 | 54 | - | - | - | - | - | - | A | H |
| | | 4882 | 44.24 | -29.76 | 74 | 50.56 | 33.73 | 12.05 | 52.1 | - | - | P | V |
| | | 4882 | 19.45 | -34.55 | 54 | - | - | - | - | - | - | A | V |
| | | 7323 | 47.54 | -26.46 | 74 | 49.37 | 35.77 | 14.17 | 51.77 | - | - | P | V |
| | | 7323 | 22.75 | -31.25 | 54 | - | - | - | - | - | - | A | V |
| BT CH 78 2480MHz | | 4960 | 44.69 | -29.31 | 74 | 50.9 | 33.73 | 12.09 | 52.03 | - | - | P | H |
| | | 4960 | 19.9 | -34.1 | 54 | - | - | - | - | - | - | A | H |
| | | 7440 | 47.12 | -26.88 | 74 | 48.74 | 35.79 | 14.24 | 51.65 | - | - | P | H |
| | | 7440 | 22.33 | -31.67 | 54 | - | - | - | - | - | - | A | H |
| | | 4960 | 44.62 | -29.38 | 74 | 50.83 | 33.73 | 12.09 | 52.03 | - | - | P | V |
| | | 4960 | 19.83 | -34.17 | 54 | - | - | - | - | - | - | A | V |
| | | 7440 | 47.41 | -26.59 | 74 | 49.03 | 35.79 | 14.24 | 51.65 | - | - | P | V |
| | | 7440 | 22.62 | -31.38 | 54 | - | - | - | - | - | - | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

## Emission below 1GHz

## 2.4GHz BT (LF)

| BT | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz BT LF | | 37.76 | 26.04 | -13.96 | 40 | 35.87 | 20.44 | 1.13 | 31.4 | - | - | P | H |
| | | 54.25 | 22.85 | -17.15 | 40 | 39.52 | 13.58 | 1.35 | 31.6 | - | - | P | H |
| | | 122.15 | 21.8 | -21.7 | 43.5 | 33.14 | 18.16 | 2.01 | 31.51 | - | - | P | H |
| | | 316.15 | 25.43 | -20.57 | 46 | 33.84 | 19.76 | 3.2 | 31.37 | - | - | P | H |
| | | 474.26 | 26.66 | -19.34 | 46 | 30.74 | 23.34 | 3.92 | 31.34 | - | - | P | H |
| | | 638.19 | 31.28 | -14.72 | 46 | 33.05 | 25.13 | 4.55 | 31.45 | - | - | P | H |
| | | 31.94 | 30.19 | -9.81 | 40 | 36.71 | 24.04 | 1.04 | 31.6 | - | - | P | V |
| | | 38.73 | 30.5 | -9.5 | 40 | 40.93 | 19.82 | 1.15 | 31.4 | - | - | P | V |
| | | 54.25 | 28.36 | -11.64 | 40 | 45.03 | 13.58 | 1.35 | 31.6 | - | - | P | V |
| | | 82.38 | 20.38 | -19.62 | 40 | 36.62 | 13.66 | 1.65 | 31.55 | - | - | P | V |
| | | 406.36 | 24.95 | -21.05 | 46 | 30.68 | 22.05 | 3.63 | 31.41 | - | - | P | V |
| | | 649.83 | 31.51 | -14.49 | 46 | 33.12 | 25.2 | 4.59 | 31.4 | - | - | P | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against limit line. | | | | | | | | | | | | |

## Note symbol

| | |
|---|---|
| * | **Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| ! | Test result is **Margin** line. |
| P/A | **P**eak or **A**verage |
| H/V | **H**orizontal or **V**ertical |

## A calculation example for radiated spurious emission is shown as below:

| BT | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| BT CH 00 2402MHz | | 2390 | 55.45 | -18.55 | 74 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| | | 2390 | 43.54 | -10.46 | 54 | 42.6 | 32.22 | 4.58 | 35.86 | 103 | 308 | A | H |

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =

Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

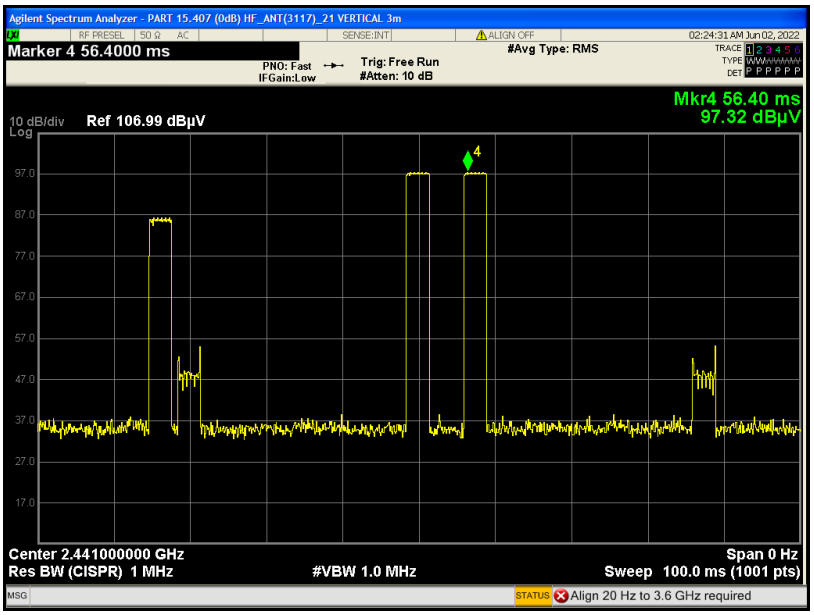
= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

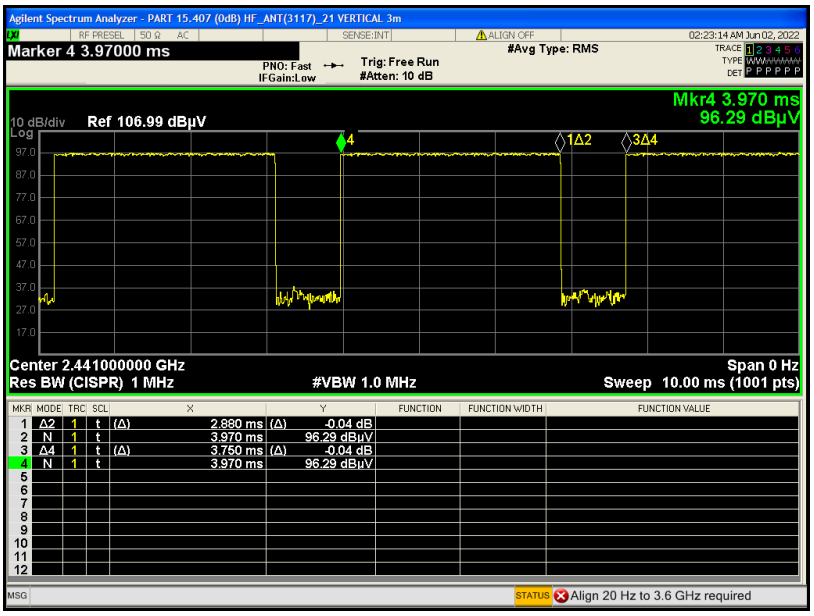
**Both peak and average measured complies with the limit line, so test result is “PASS”.**

# Appendix D. Duty Cycle Plots

## 3DH5 on time (One Pulse) Plot on Channel 39




## 3DH5 on time (Count Pulses) Plot on Channel 39




**Note:**

1. Worst case Duty cycle = on time/100 milliseconds = 2 * 2.88 / 100 = 5.76 %
2. Worst case Duty cycle correction factor = 20*log(Duty cycle) = -24.79 dB
3. 3DH5 has the highest duty cycle worst case and is reported.