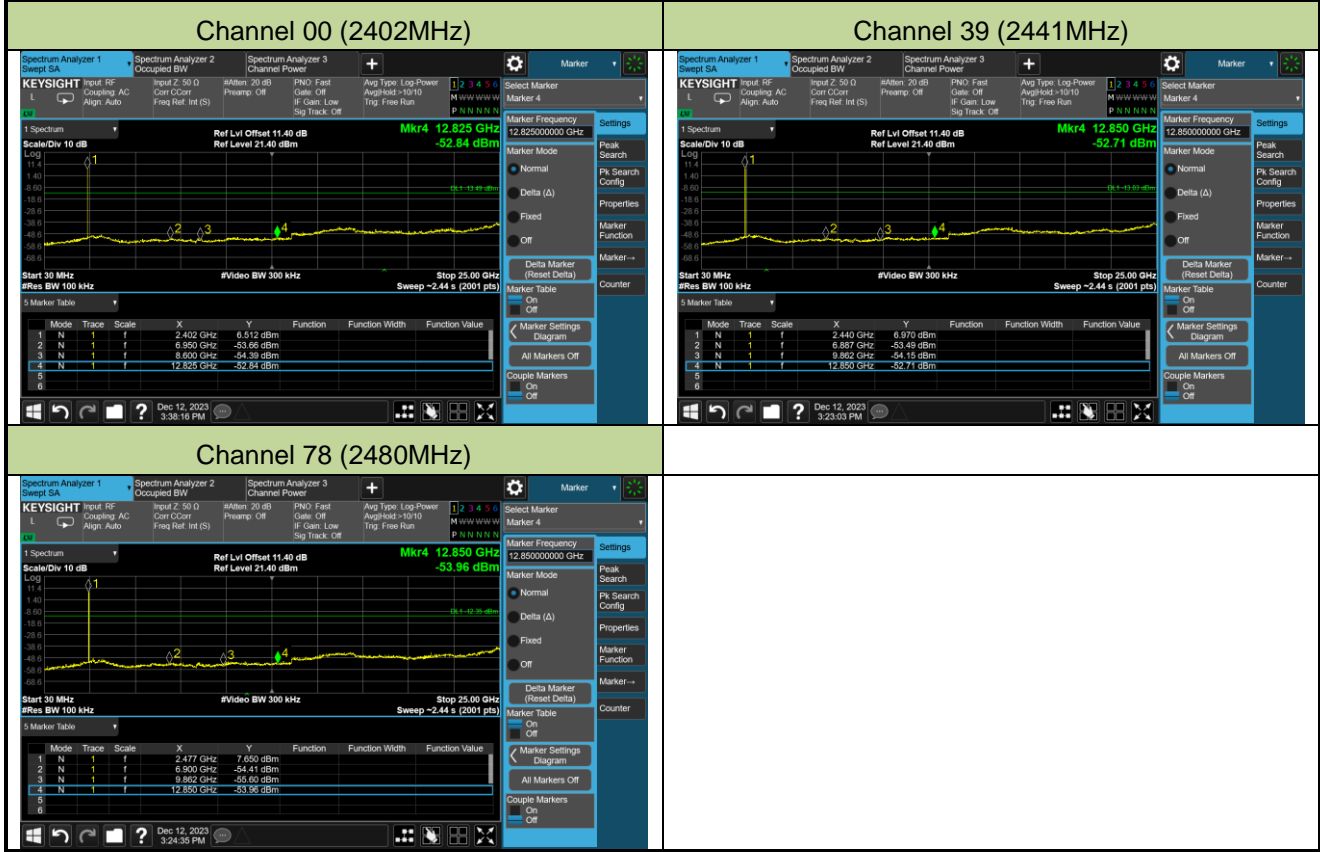
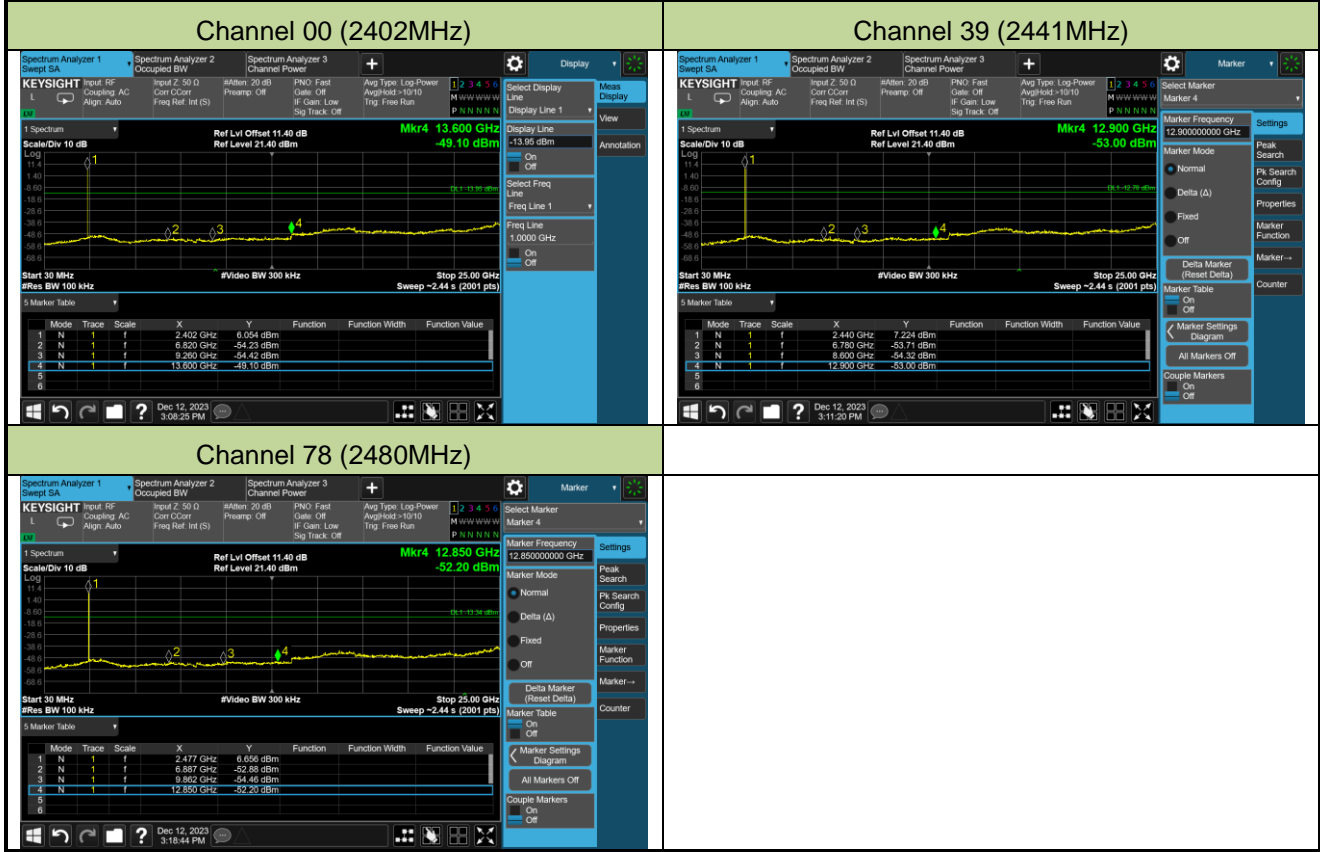


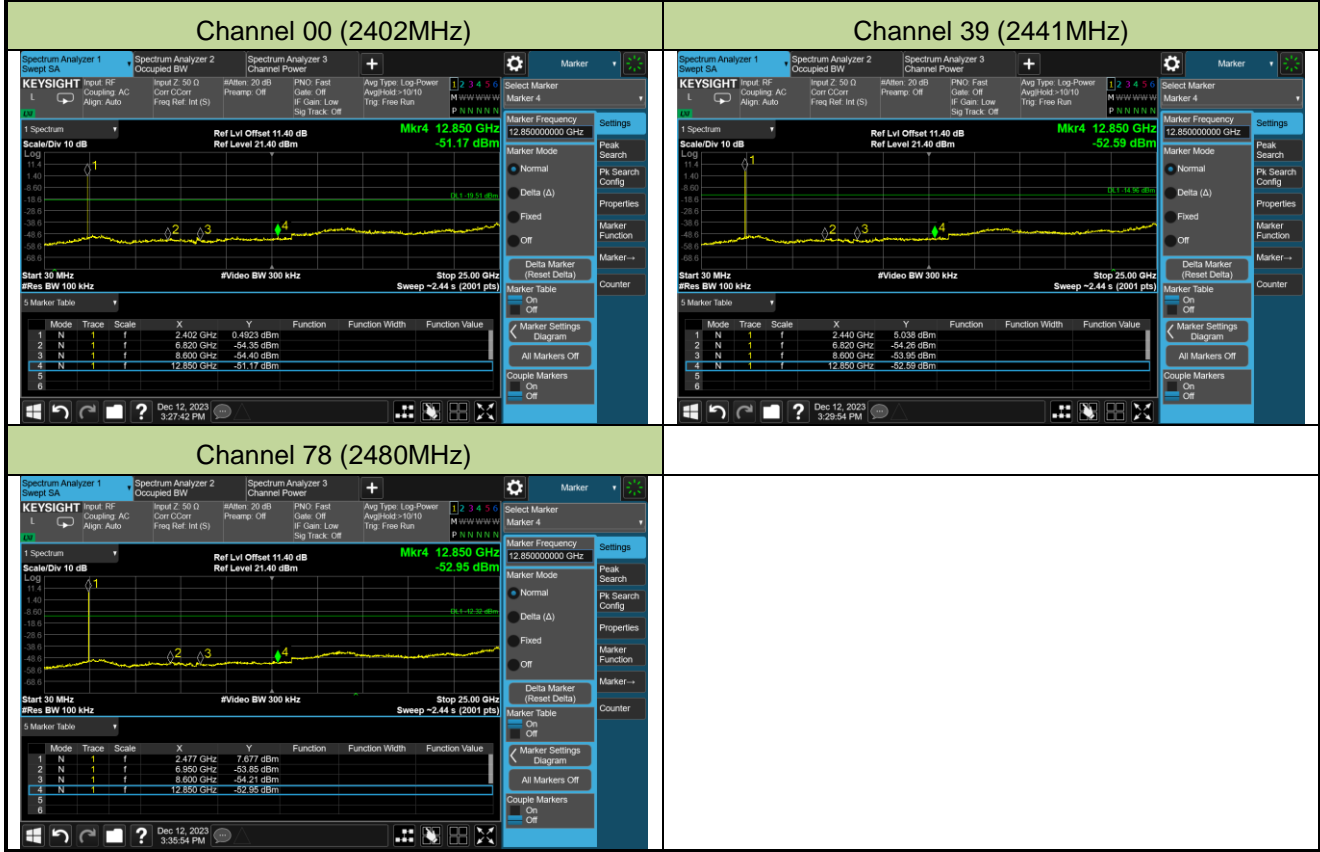
DH5 Conducted Spurious Emissions



2DH5 Conducted Spurious Emissions



3DH5 Conducted Spurious Emissions



A.9 Radiated Spurious Emission Test Result

| | | | |
|-----------|---|---------------|-----------|
| Test Site | SIP-AC3 | Test Engineer | Fusco Pan |
| Test Date | 2023-12-16 ~ 2023-12-27 | Test Mode: | DH5 |
| Remark: | 1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Test Channel | Frequency (MHz) | Reading Level (dB μ V) | Factor (dB/m) | Measure Level (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Detector | Polarization |
|--------------|-----------------|----------------------------|---------------|------------------------------|----------------------|-------------|----------|--------------|
| 00 | 4808.0 | 54.9 | -7.8 | 47.1 | 74.0 | -26.9 | Peak | Horizontal |
| | 7426.0 | 49.1 | -4.8 | 44.3 | 74.0 | -29.7 | Peak | Horizontal |
| | 11089.5 | 48.5 | -1.7 | 46.8 | 74.0 | -27.2 | Peak | Horizontal |
| | 4808.0 | 51.4 | -7.8 | 43.6 | 74.0 | -30.4 | Peak | Vertical |
| | 8191.0 | 48.8 | -3.4 | 45.4 | 74.0 | -28.6 | Peak | Vertical |
| | 11531.5 | 48.2 | -1.5 | 46.7 | 74.0 | -27.3 | Peak | Vertical |
| 39 | 4884.5 | 55.6 | -7.6 | 48.0 | 74.0 | -26.0 | Peak | Horizontal |
| | 8208.0 | 48.0 | -3.1 | 44.9 | 74.0 | -29.1 | Peak | Horizontal |
| | 11897.0 | 48.9 | -1.7 | 47.2 | 74.0 | -26.8 | Peak | Horizontal |
| | 4884.5 | 50.6 | -7.6 | 43.0 | 74.0 | -31.0 | Peak | Vertical |
| | 7638.5 | 49.2 | -4.3 | 44.9 | 74.0 | -29.1 | Peak | Vertical |
| | 11795.0 | 49.0 | -2.0 | 47.0 | 74.0 | -27.0 | Peak | Vertical |
| 78 | 4961.0 | 54.0 | -7.6 | 46.4 | 74.0 | -27.6 | Peak | Horizontal |
| | 8148.5 | 48.0 | -3.4 | 44.6 | 74.0 | -29.4 | Peak | Horizontal |
| | 11608.0 | 48.5 | -1.6 | 46.9 | 74.0 | -27.1 | Peak | Horizontal |
| | 7613.0 | 48.5 | -4.3 | 44.2 | 74.0 | -29.8 | Peak | Vertical |
| | 8310.0 | 48.2 | -3.1 | 45.1 | 74.0 | -28.9 | Peak | Vertical |
| | 10945.0 | 47.7 | -1.3 | 46.4 | 74.0 | -27.6 | Peak | Vertical |

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

Factor ((dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | | | |
|-----------|---|---------------|-----------|
| Test Site | SIP-AC3 | Test Engineer | Fusco Pan |
| Test Date | 2023-12-16 ~ 2023-12-27 | Test Mode: | 2DH5 |
| Remark: | 1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Test Channel | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|-------------|----------|--------------|
| 00 | 4808.0 | 50.4 | -7.8 | 42.6 | 74.0 | -31.4 | Peak | Horizontal |
| | 7613.0 | 49.7 | -4.3 | 45.4 | 74.0 | -28.6 | Peak | Horizontal |
| | 11234.0 | 47.6 | -1.5 | 46.1 | 74.0 | -27.9 | Peak | Horizontal |
| | 4638.0 | 50.6 | -7.9 | 42.7 | 74.0 | -31.3 | Peak | Vertical |
| | 8259.0 | 48.4 | -3.3 | 45.1 | 74.0 | -28.9 | Peak | Vertical |
| | 11489.0 | 47.7 | -1.6 | 46.1 | 74.0 | -27.9 | Peak | Vertical |
| 39 | 4884.5 | 53.6 | -7.6 | 46.0 | 74.0 | -28.0 | Peak | Horizontal |
| | 8157.0 | 49.0 | -3.4 | 45.6 | 74.0 | -28.4 | Peak | Horizontal |
| | 11888.5 | 48.4 | -1.8 | 46.6 | 74.0 | -27.4 | Peak | Horizontal |
| | 5003.5 | 49.8 | -7.5 | 42.3 | 74.0 | -31.7 | Peak | Vertical |
| | 7604.5 | 49.3 | -4.4 | 44.9 | 74.0 | -29.1 | Peak | Vertical |
| | 11999.0 | 49.4 | -1.8 | 47.6 | 74.0 | -26.4 | Peak | Vertical |
| 78 | 4961.0 | 53.4 | -7.6 | 45.8 | 74.0 | -28.2 | Peak | Horizontal |
| | 8165.5 | 49.3 | -3.5 | 45.8 | 74.0 | -28.2 | Peak | Horizontal |
| | 11327.5 | 47.9 | -1.5 | 46.4 | 74.0 | -27.6 | Peak | Horizontal |
| | 7715.0 | 49.1 | -4.1 | 45.0 | 74.0 | -29.0 | Peak | Vertical |
| | 8327.0 | 49.0 | -3.4 | 45.6 | 74.0 | -28.4 | Peak | Vertical |
| | 11727.0 | 48.3 | -1.7 | 46.6 | 74.0 | -27.4 | Peak | Vertical |

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor ((dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | | | |
|-----------|---|---------------|-----------|
| Test Site | SIP-AC3 | Test Engineer | Fusco Pan |
| Test Date | 2023-12-16 ~ 2023-12-27 | Test Mode: | 3DH5 |
| Remark: | 1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

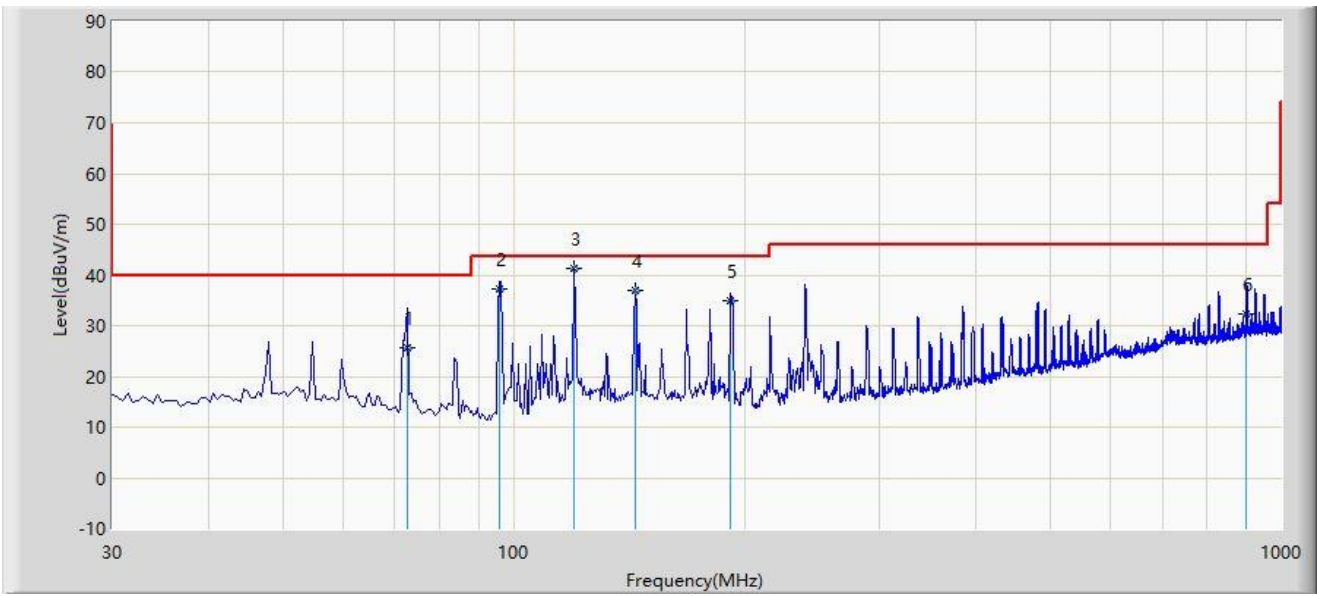
| Test Channel | Frequency (MHz) | Reading Level (dB μ V) | Factor (dB/m) | Measure Level (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Detector | Polarization |
|--------------|-----------------|----------------------------|---------------|------------------------------|----------------------|-------------|----------|--------------|
| 00 | 4808.0 | 55.6 | -7.8 | 47.8 | 74.0 | -26.2 | Peak | Horizontal |
| | 8165.5 | 50.0 | -3.5 | 46.5 | 74.0 | -27.5 | Peak | Horizontal |
| | 11149.0 | 48.0 | -1.4 | 46.6 | 74.0 | -27.4 | Peak | Horizontal |
| | 4978.0 | 50.1 | -7.5 | 42.6 | 74.0 | -31.4 | Peak | Vertical |
| | 8242.0 | 48.6 | -3.2 | 45.4 | 74.0 | -28.6 | Peak | Vertical |
| | 11608.0 | 48.0 | -1.6 | 46.4 | 74.0 | -27.6 | Peak | Vertical |
| 39 | 4884.5 | 54.3 | -7.6 | 46.7 | 74.0 | -27.3 | Peak | Horizontal |
| | 8361.0 | 48.2 | -3.4 | 44.8 | 74.0 | -29.2 | Peak | Horizontal |
| | 11030.0 | 47.5 | -1.4 | 46.1 | 74.0 | -27.9 | Peak | Horizontal |
| | 4842.0 | 50.3 | -7.5 | 42.8 | 74.0 | -31.2 | Peak | Vertical |
| | 7443.0 | 49.6 | -4.8 | 44.8 | 74.0 | -29.2 | Peak | Vertical |
| | 11480.5 | 49.0 | -1.6 | 47.4 | 74.0 | -26.6 | Peak | Vertical |
| 78 | 4961.0 | 54.0 | -7.6 | 46.4 | 74.0 | -27.6 | Peak | Horizontal |
| | 8335.5 | 48.3 | -3.4 | 44.9 | 74.0 | -29.1 | Peak | Horizontal |
| | 11480.5 | 47.5 | -1.6 | 45.9 | 74.0 | -28.1 | Peak | Horizontal |
| | 7528.0 | 48.5 | -4.6 | 43.9 | 74.0 | -30.1 | Peak | Vertical |
| | 8446.0 | 48.3 | -3.2 | 45.1 | 74.0 | -28.9 | Peak | Vertical |
| | 12007.5 | 49.0 | -1.8 | 47.2 | 74.0 | -26.8 | Peak | Vertical |

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

Factor ((dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Result of Radiated Emission below 1GHz:

| | |
|--|-----------------------|
| Site: SIP-AC1 | Test Date: 2023-12-26 |
| Limit: FCC_Part15.209_RSE(3m) | Engineer: Justin Guo |
| Probe: VULB 9168_00998_25-2000MHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit by DH5 at 2402MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 72.680 | 25.586 | 10.400 | -14.414 | 40.000 | 15.186 | QP |
| 2 | | 95.960 | 37.225 | 24.500 | -6.275 | 43.500 | 12.726 | QP |
| 3 | * | 119.725 | 41.197 | 25.600 | -2.303 | 43.500 | 15.597 | QP |
| 4 | | 143.975 | 36.849 | 18.600 | -6.651 | 43.500 | 18.249 | QP |
| 5 | | 191.990 | 34.955 | 20.100 | -8.545 | 43.500 | 14.855 | QP |
| 6 | | 900.090 | 32.186 | 2.500 | -13.814 | 46.000 | 29.686 | QP |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

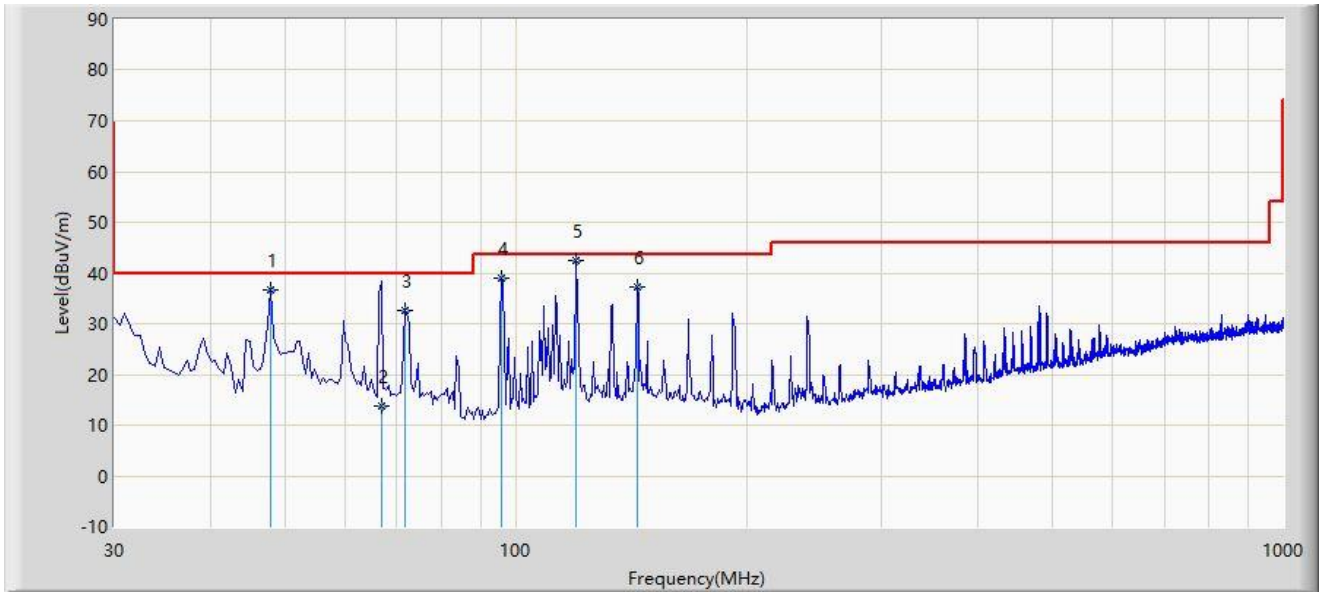
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

| | |
|--|-----------------------|
| Site: SIP-AC1 | Test Date: 2023-12-26 |
| Limit: FCC_Part15.209_RSE(3m) | Engineer: Justin Guo |
| Probe: VULB 9168_00998_25-2000MHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit by DH5 at 2402MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 47.945 | 36.545 | 18.500 | -3.455 | 40.000 | 18.045 | QP |
| 2 | | 66.860 | 13.786 | -2.500 | -26.214 | 40.000 | 16.286 | QP |
| 3 | | 71.710 | 32.516 | 17.100 | -7.484 | 40.000 | 15.416 | QP |
| 4 | | 95.960 | 38.925 | 26.200 | -4.575 | 43.500 | 12.726 | QP |
| 5 | * | 119.725 | 42.497 | 26.900 | -1.003 | 43.500 | 15.597 | QP |
| 6 | | 143.975 | 37.249 | 19.000 | -6.251 | 43.500 | 18.249 | QP |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

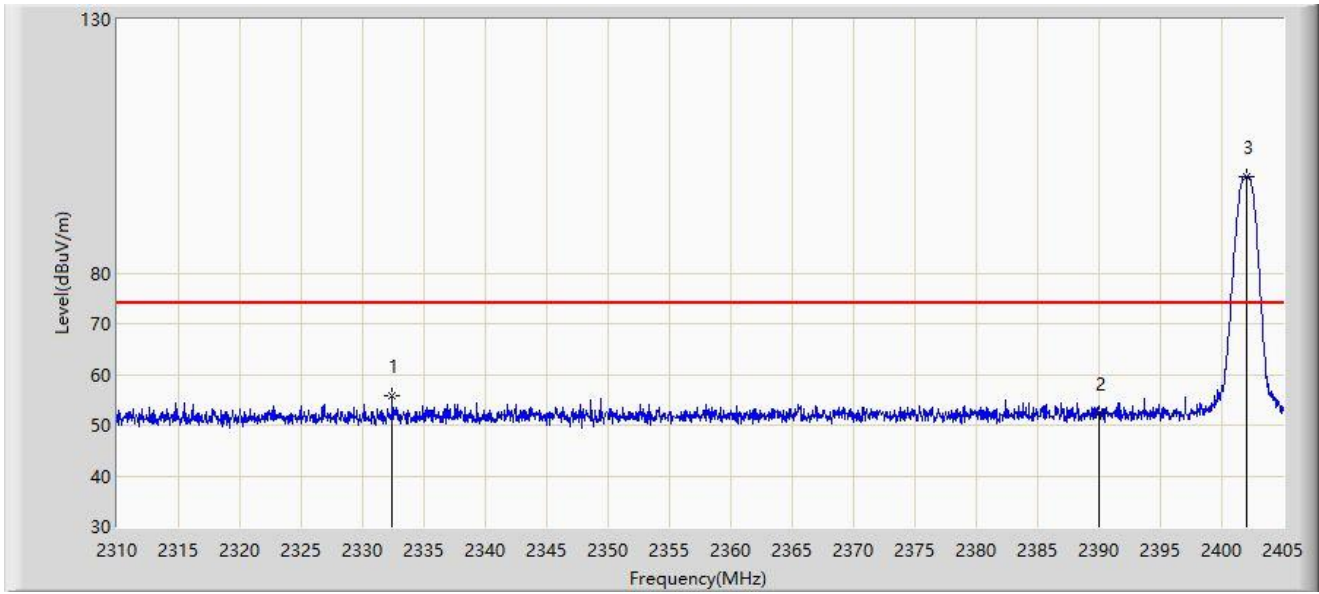
Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

A.10 Radiated Restricted Band Edge Test Result

| | |
|---------------------------------------|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By DH5 at 2402MHz | |



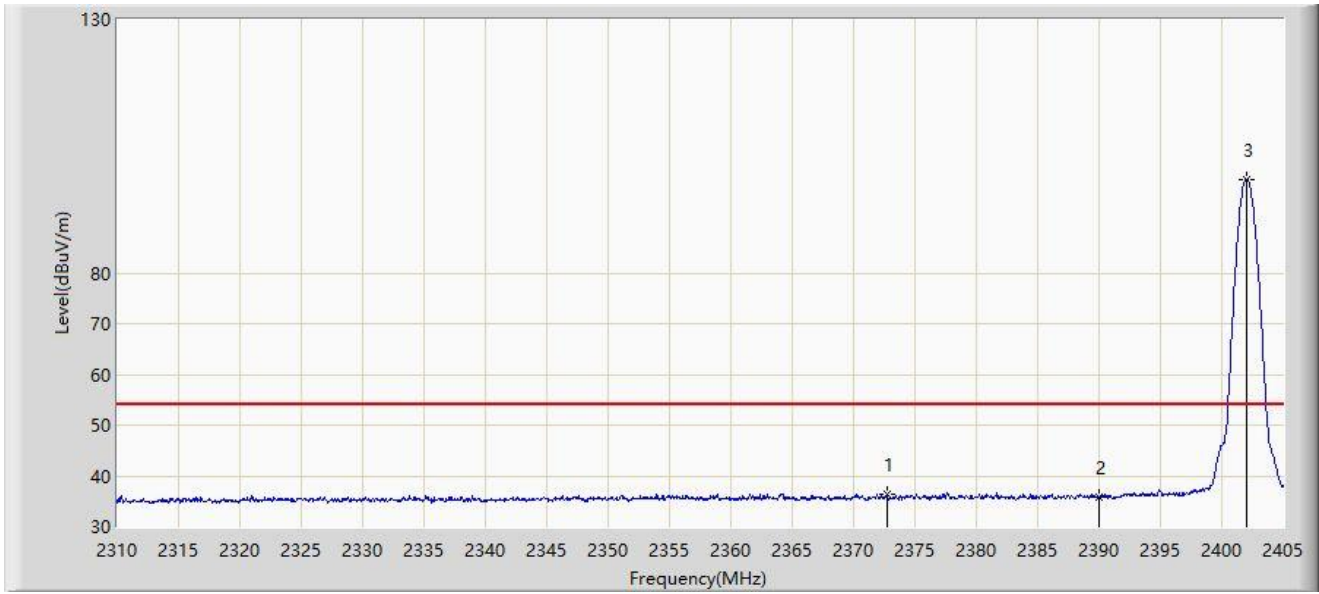
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2332.420 | 55.906 | 24.220 | -18.094 | 74.000 | 31.686 | PK |
| 2 | | 2390.000 | 52.290 | 20.267 | -21.710 | 74.000 | 32.023 | PK |
| 3 | | 2402.055 | 99.106 | 67.068 | N/A | N/A | 32.037 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---------------------------------------|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By DH5 at 2402MHz | |



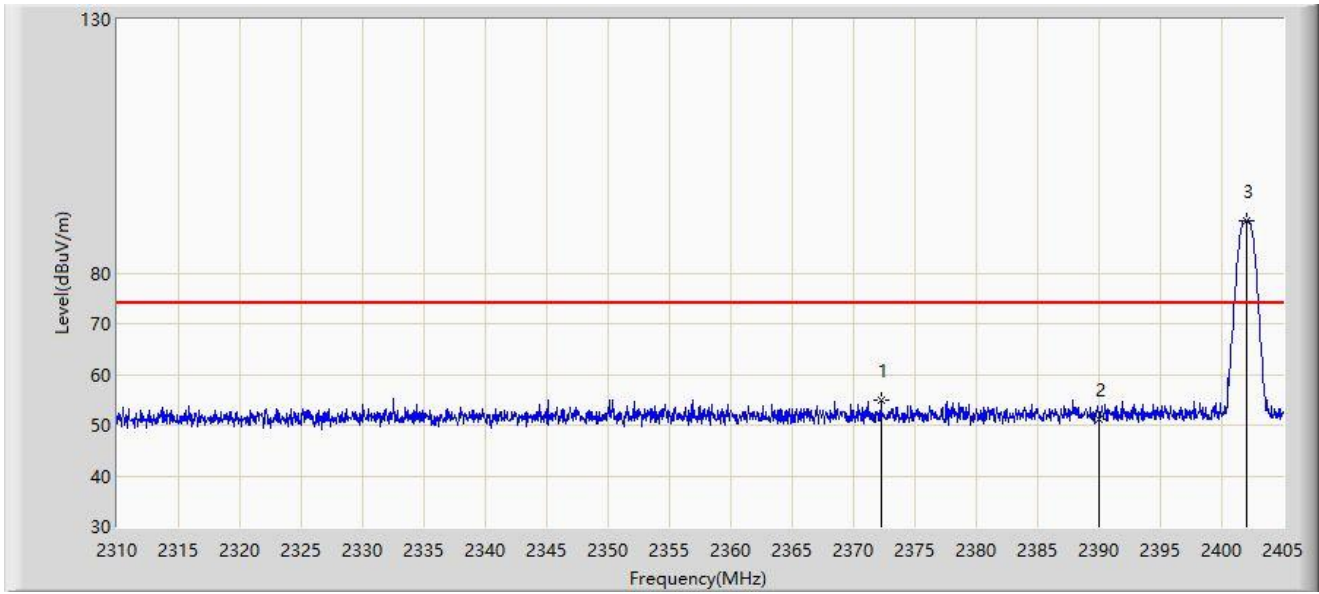
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2372.700 | 36.495 | 4.518 | -17.505 | 54.000 | 31.976 | AV |
| 2 | | 2390.000 | 35.883 | 3.860 | -18.117 | 54.000 | 32.023 | AV |
| 3 | | 2402.008 | 98.518 | 66.480 | N/A | N/A | 32.037 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---------------------------------------|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By DH5 at 2402MHz | |



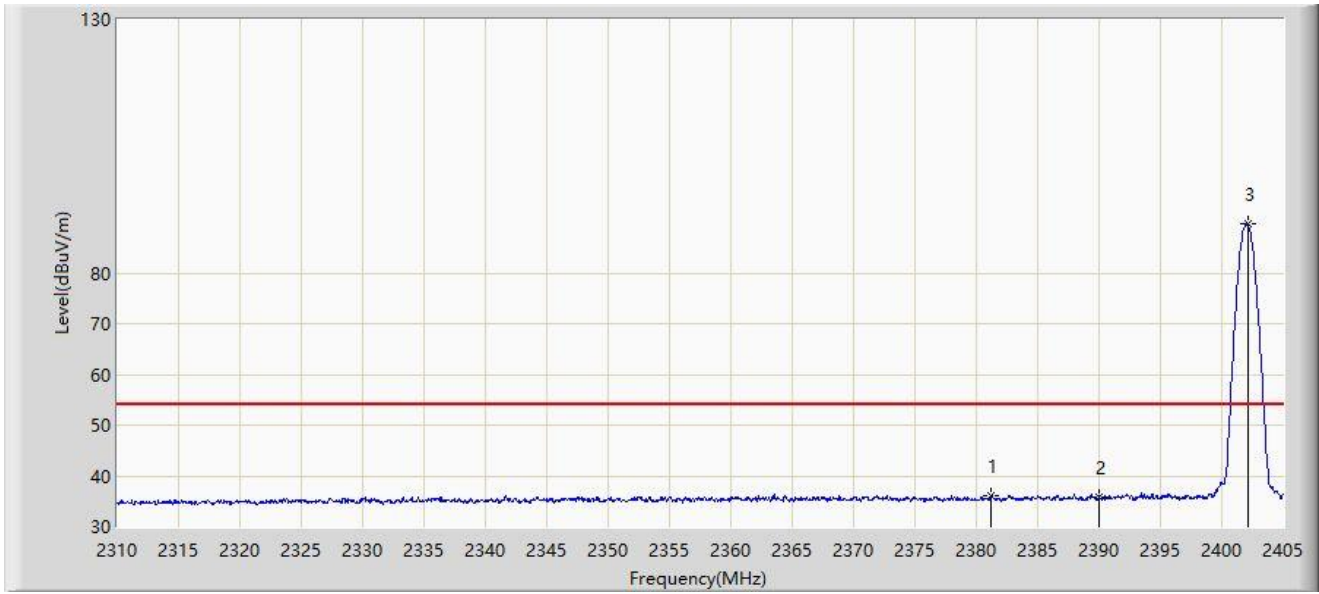
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2372.225 | 55.066 | 23.092 | -18.934 | 74.000 | 31.975 | PK |
| 2 | | 2390.000 | 51.147 | 19.124 | -22.853 | 74.000 | 32.023 | PK |
| 3 | | 2402.008 | 90.271 | 58.233 | N/A | N/A | 32.037 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---------------------------------------|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By DH5 at 2402MHz | |



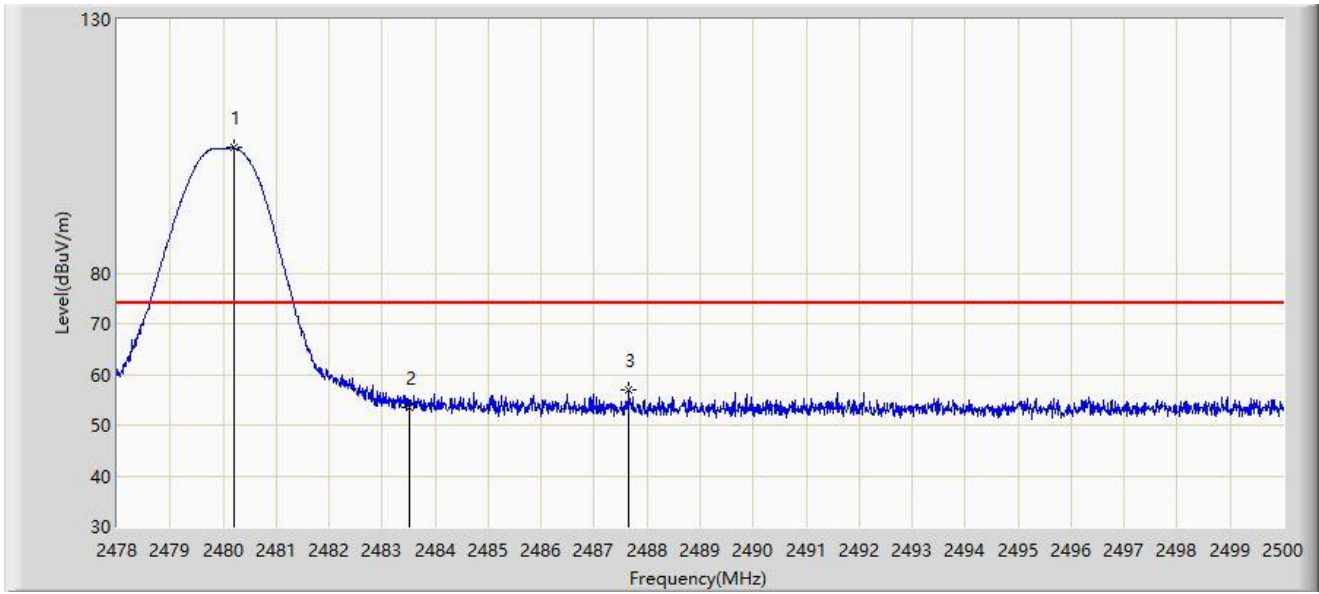
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | * | 2381.202 | 36.106 | 4.101 | -17.894 | 54.000 | 32.006 | AV |
| 2 | | 2390.000 | 35.661 | 3.638 | -18.339 | 54.000 | 32.023 | AV |
| 3 | | 2402.150 | 89.585 | 57.547 | N/A | N/A | 32.038 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---------------------------------------|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By DH5 at 2480MHz | |



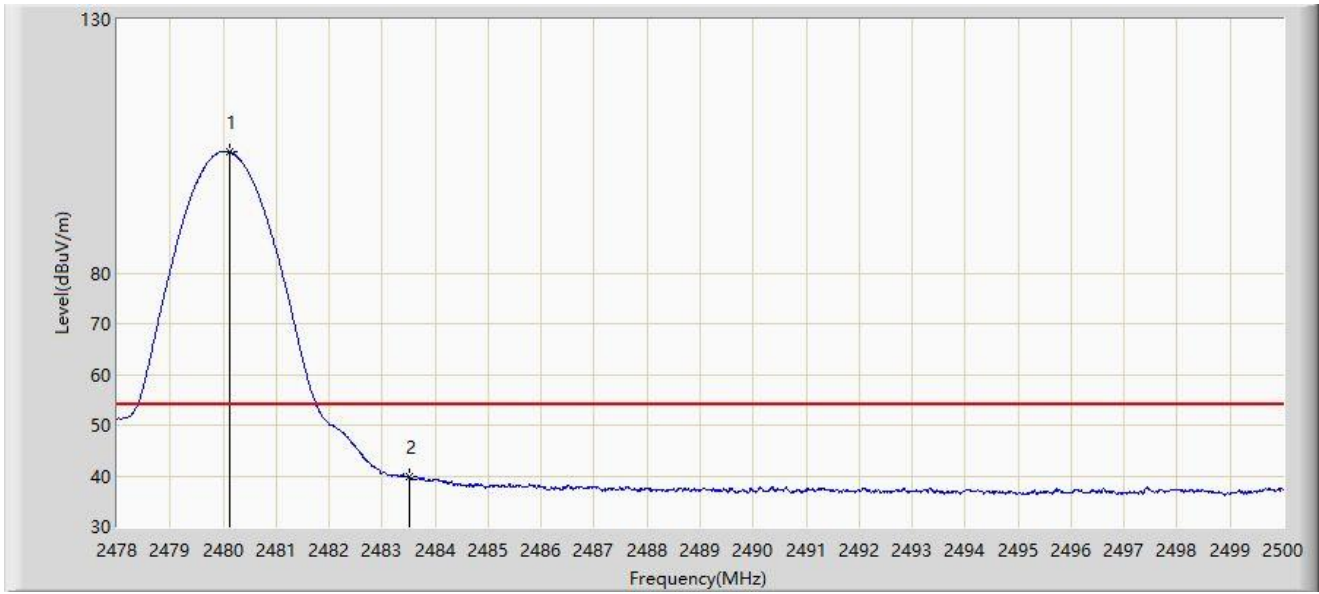
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2480.200 | 104.693 | 72.410 | N/A | N/A | 32.283 | PK |
| 2 | | 2483.500 | 53.594 | 21.294 | -20.406 | 74.000 | 32.300 | PK |
| 3 | * | 2487.658 | 56.842 | 24.520 | -17.158 | 74.000 | 32.322 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---------------------------------------|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By DH5 at 2480MHz | |



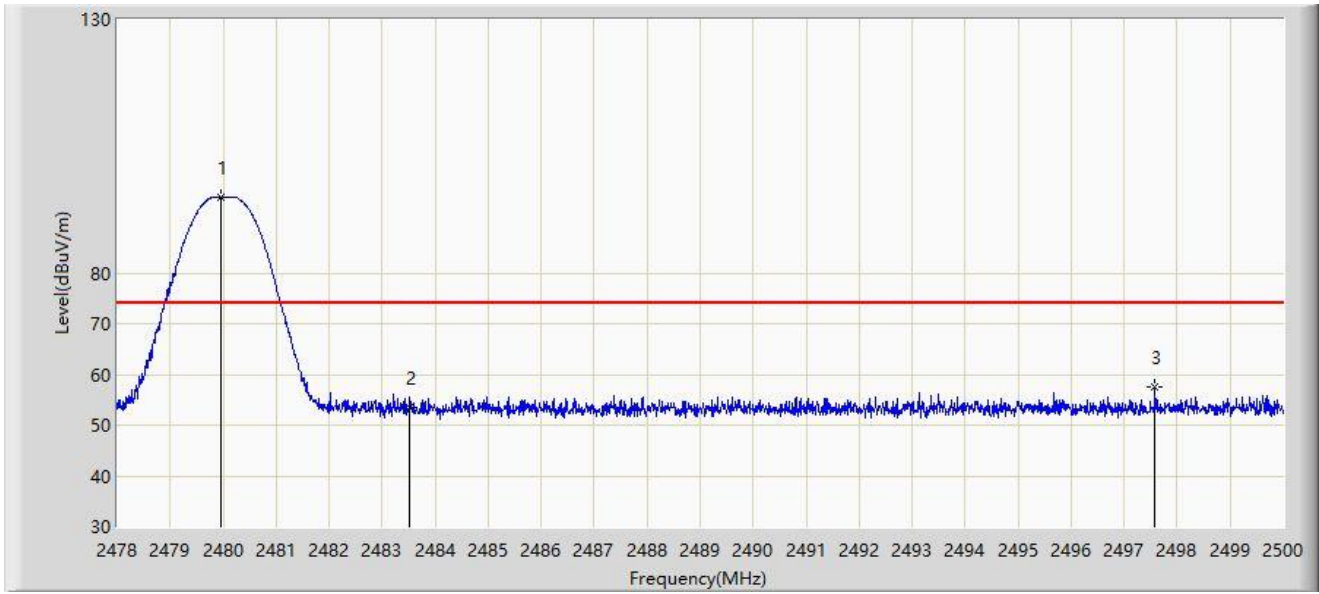
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2480.112 | 103.912 | 71.629 | N/A | N/A | 32.283 | AV |
| 2 | * | 2483.500 | 39.945 | 7.645 | -14.055 | 54.000 | 32.300 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---------------------------------------|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By DH5 at 2480MHz | |



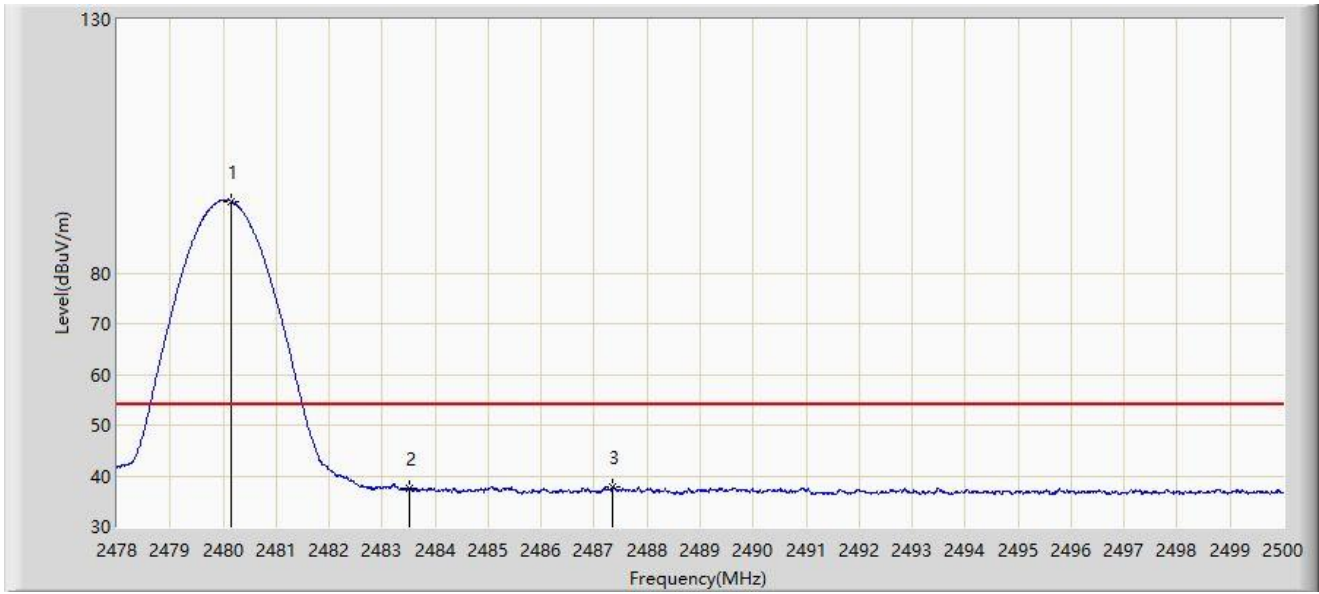
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 2479.969 | 94.984 | 62.702 | N/A | N/A | 32.282 | PK |
| 2 | | 2483.500 | 53.464 | 21.164 | -20.536 | 74.000 | 32.300 | PK |
| 3 | * | 2497.580 | 57.649 | 25.272 | -16.351 | 74.000 | 32.376 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---------------------------------------|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By DH5 at 2480MHz | |



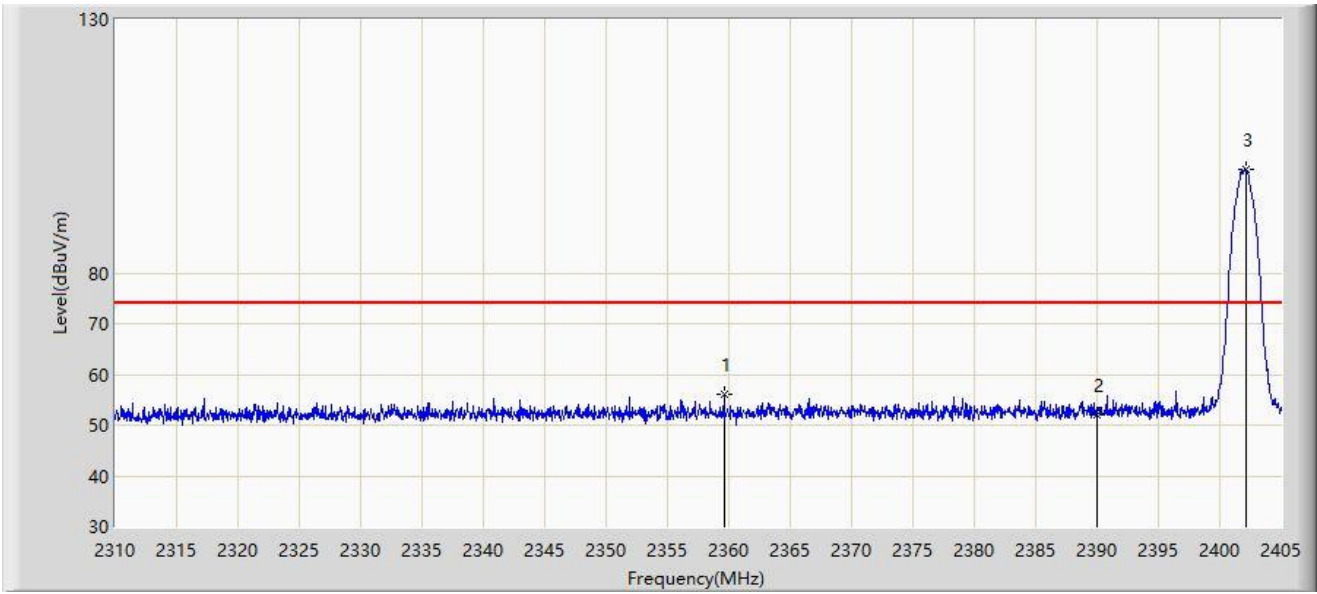
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 2480.145 | 94.177 | 61.894 | N/A | N/A | 32.283 | AV |
| 2 | | 2483.500 | 37.583 | 5.283 | -16.417 | 54.000 | 32.300 | AV |
| 3 | * | 2487.350 | 37.713 | 5.393 | -16.287 | 54.000 | 32.320 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 2DH5 at 2402MHz | |



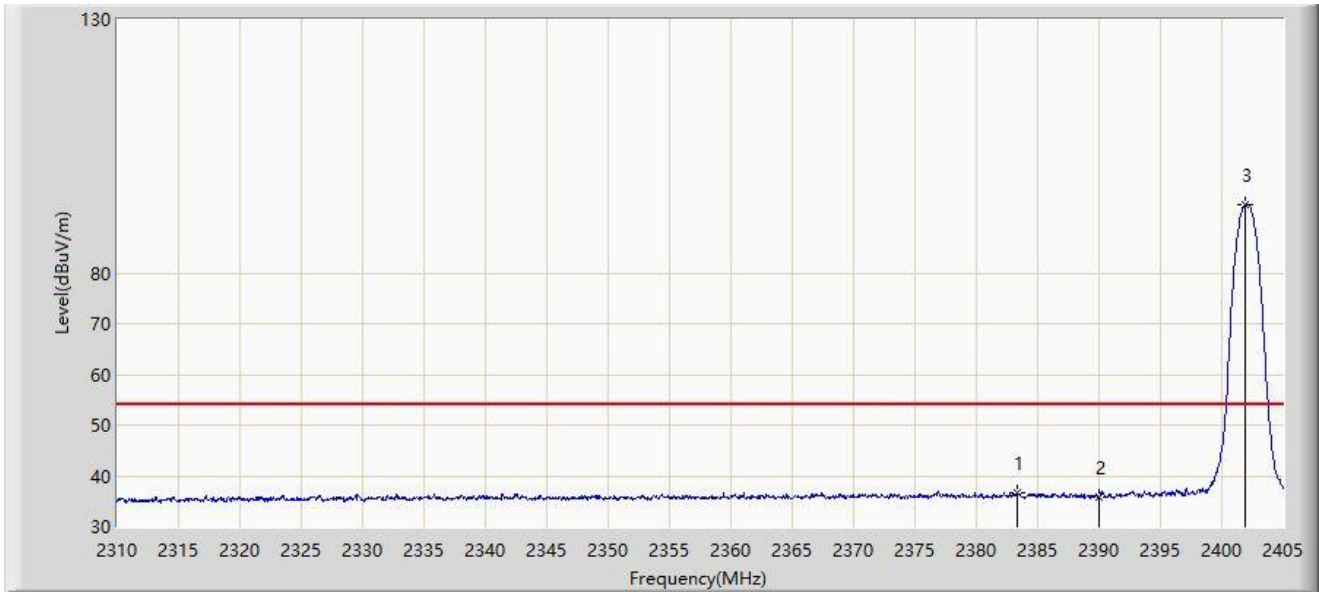
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | * | 2359.590 | 55.952 | 24.040 | -18.048 | 74.000 | 31.912 | PK |
| 2 | | 2390.000 | 51.919 | 19.896 | -22.081 | 74.000 | 32.023 | PK |
| 3 | | 2402.150 | 100.365 | 68.327 | N/A | N/A | 32.038 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 2DH5 at 2402MHz | |



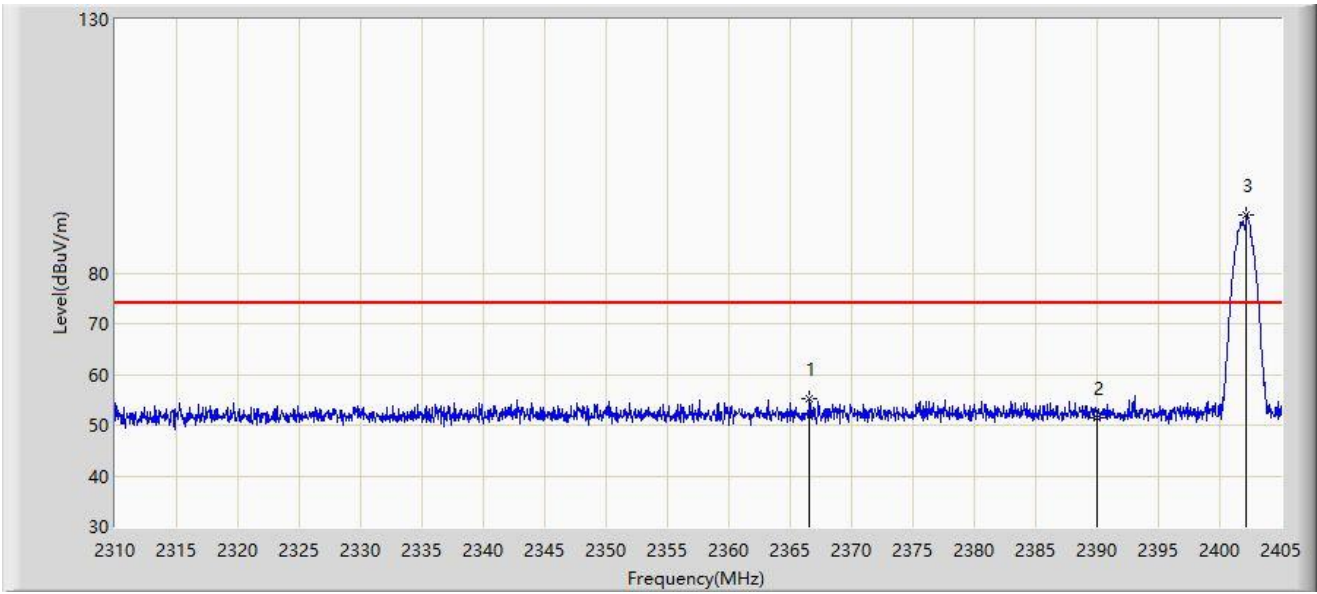
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2383.340 | 36.738 | 4.728 | -17.262 | 54.000 | 32.010 | AV |
| 2 | | 2390.000 | 35.778 | 3.755 | -18.222 | 54.000 | 32.023 | AV |
| 3 | | 2401.960 | 93.595 | 61.557 | N/A | N/A | 32.038 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 2DH5 at 2402MHz | |



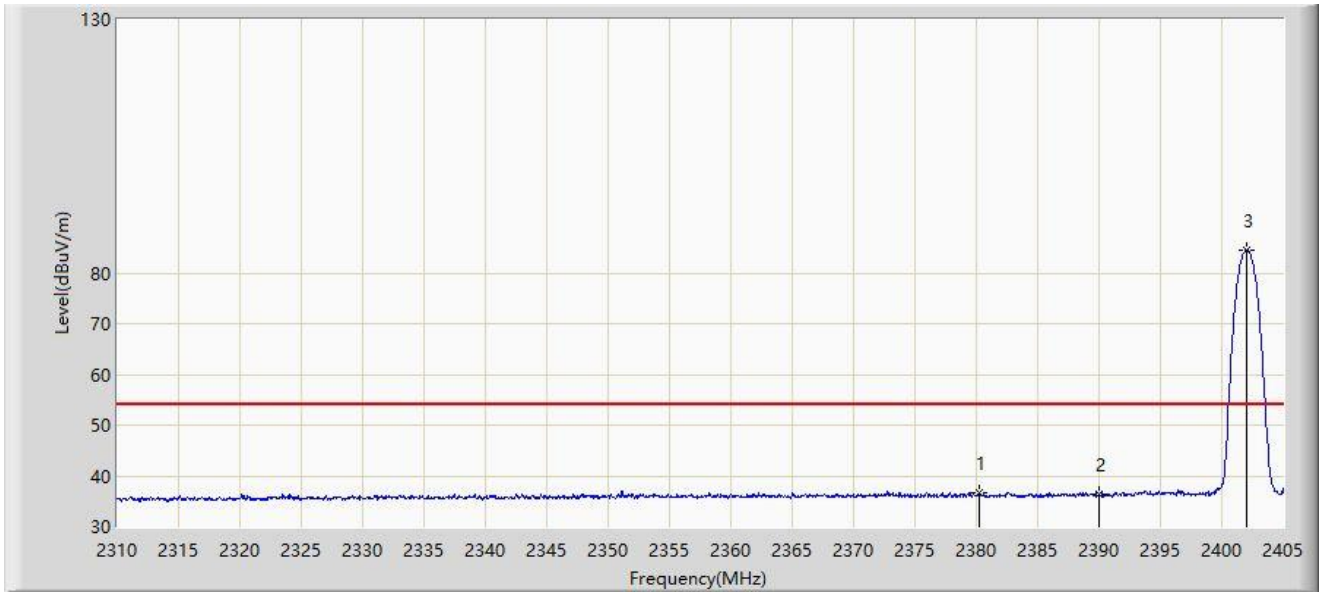
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | * | 2366.573 | 55.087 | 23.140 | -18.913 | 74.000 | 31.948 | PK |
| 2 | | 2390.000 | 51.525 | 19.502 | -22.475 | 74.000 | 32.023 | PK |
| 3 | | 2402.150 | 91.523 | 59.485 | N/A | N/A | 32.038 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 2DH5 at 2402MHz | |



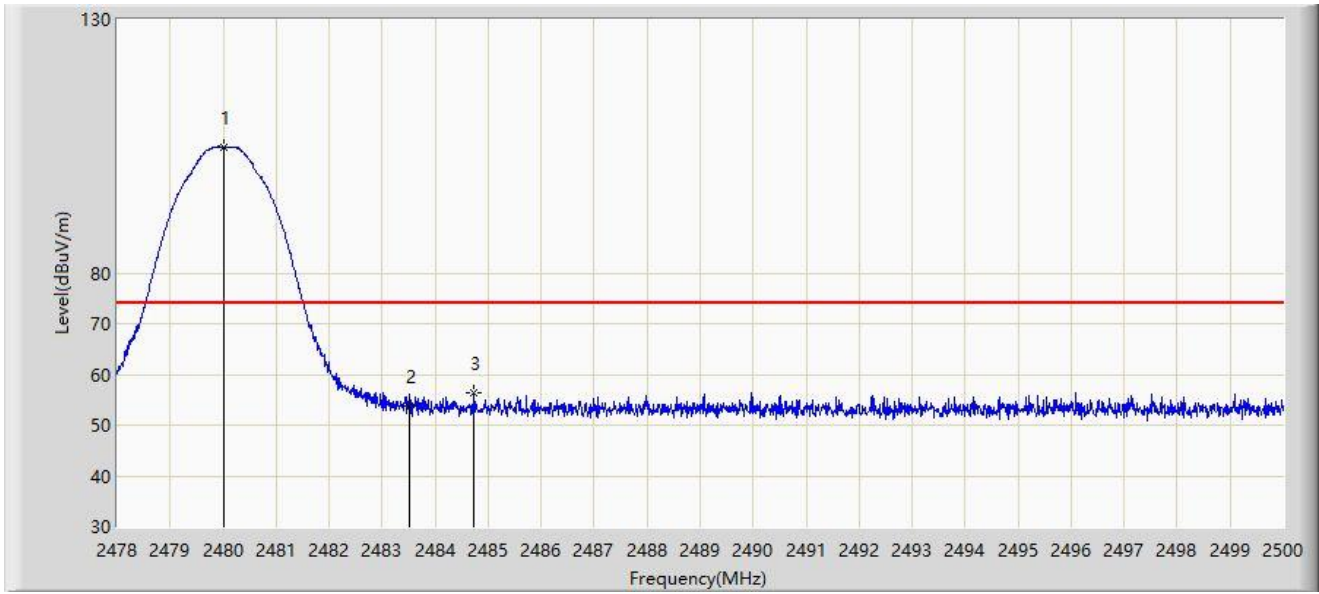
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|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2380.252 | 36.729 | 4.725 | -17.271 | 54.000 | 32.004 | AV |
| 2 | | 2390.000 | 36.260 | 4.237 | -17.740 | 54.000 | 32.023 | AV |
| 3 | | 2402.008 | 84.542 | 52.504 | N/A | N/A | 32.037 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 2DH5 at 2480MHz | |



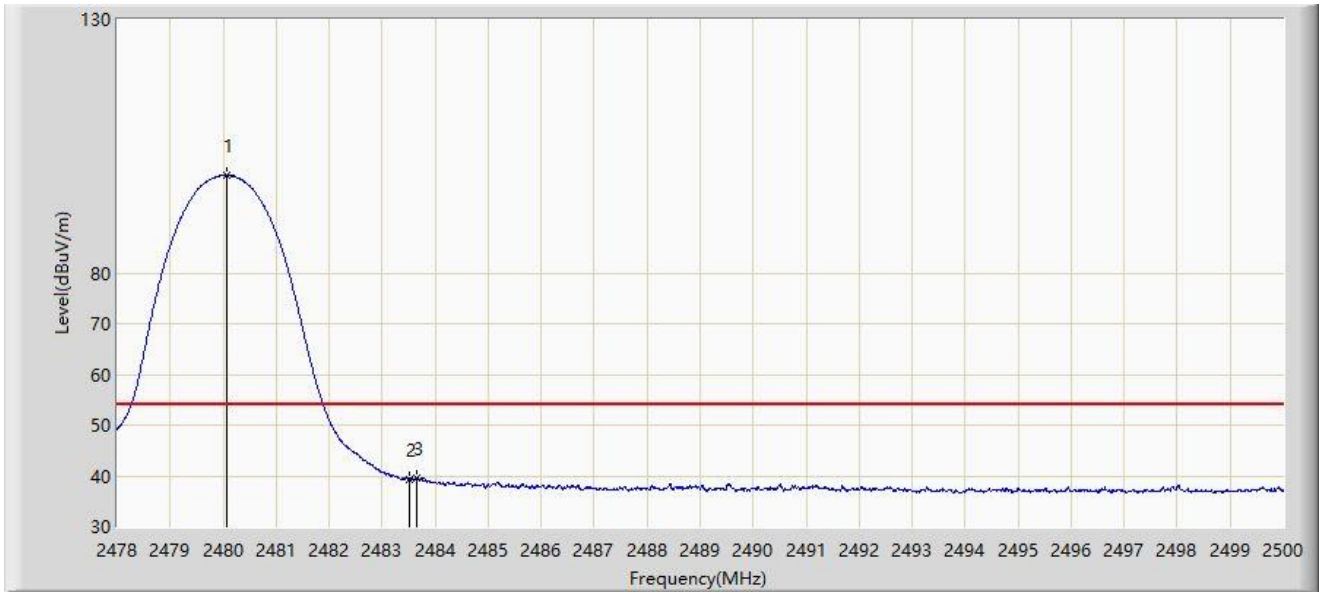
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2480.002 | 104.859 | 72.577 | N/A | N/A | 32.282 | PK |
| 2 | | 2483.500 | 53.683 | 21.383 | -20.317 | 74.000 | 32.300 | PK |
| 3 | * | 2484.732 | 56.315 | 24.008 | -17.685 | 74.000 | 32.307 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 2DH5 at 2480MHz | |



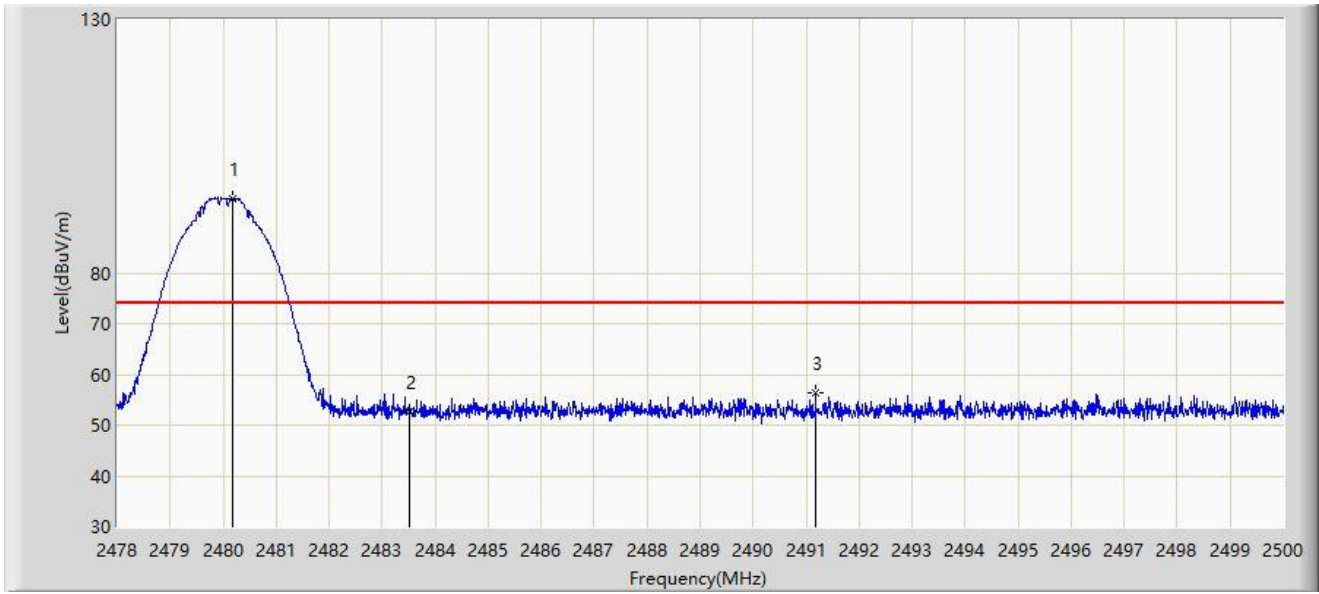
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2480.079 | 99.230 | 66.947 | N/A | N/A | 32.282 | AV |
| 2 | | 2483.500 | 39.236 | 6.936 | -14.764 | 54.000 | 32.300 | AV |
| 3 | * | 2483.665 | 39.650 | 7.349 | -14.350 | 54.000 | 32.301 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 2DH5 at 2480MHz | |



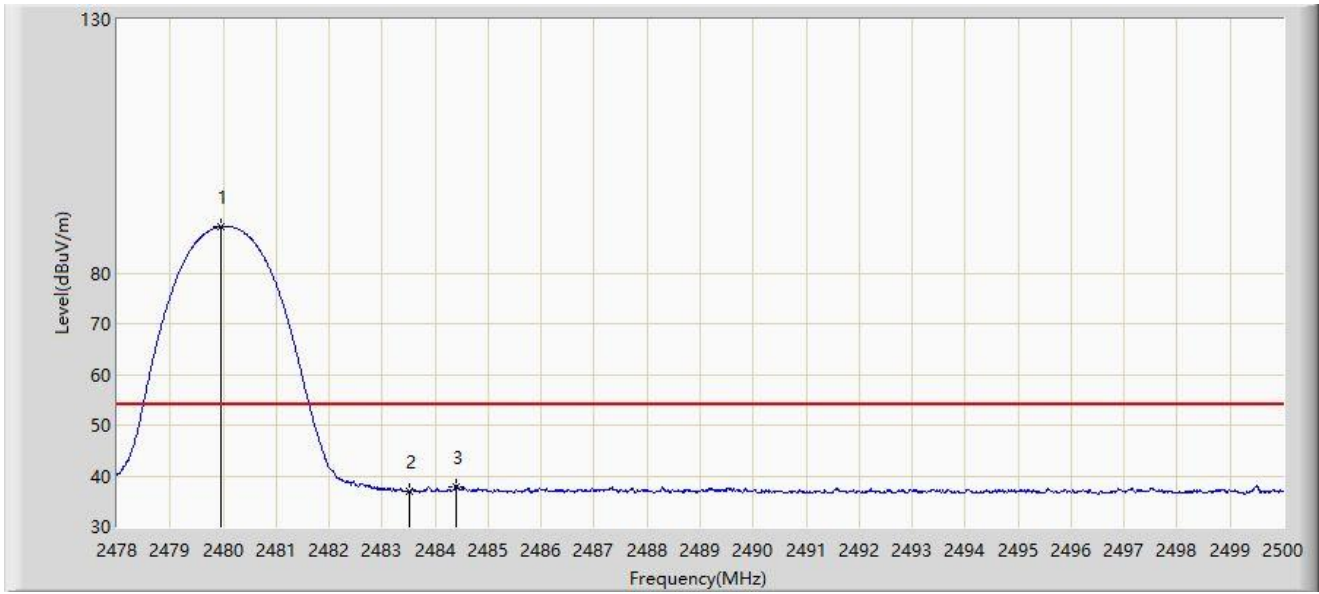
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 2480.189 | 94.771 | 62.488 | N/A | N/A | 32.283 | PK |
| 2 | | 2483.500 | 52.657 | 20.357 | -21.343 | 74.000 | 32.300 | PK |
| 3 | * | 2491.178 | 56.256 | 23.916 | -17.744 | 74.000 | 32.340 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 2DH5 at 2480MHz | |



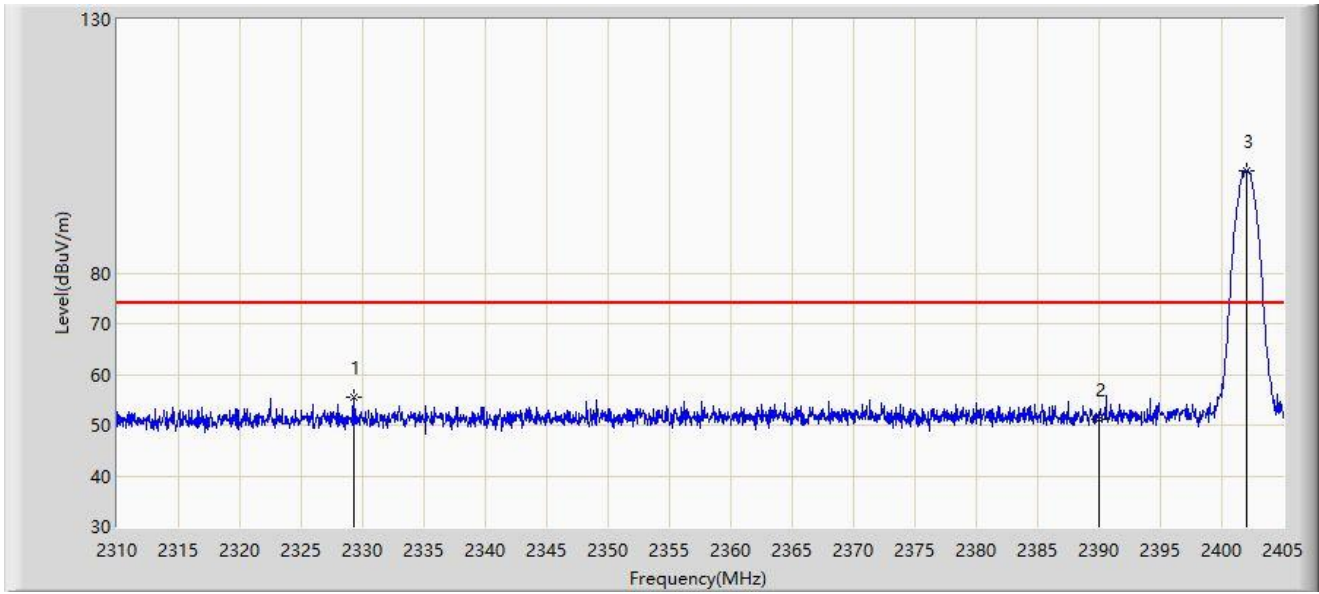
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|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2479.958 | 89.181 | 56.899 | N/A | N/A | 32.282 | AV |
| 2 | | 2483.500 | 37.040 | 4.740 | -16.960 | 54.000 | 32.300 | AV |
| 3 | * | 2484.391 | 37.938 | 5.633 | -16.062 | 54.000 | 32.305 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 3DH5 at 2402MHz | |



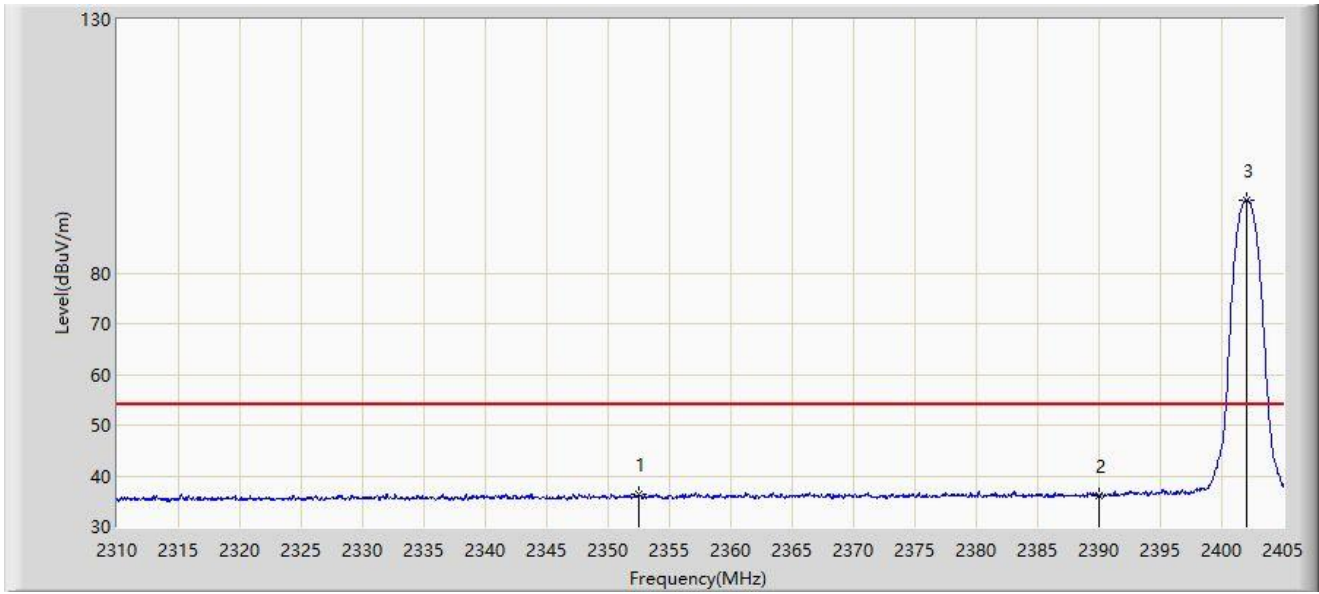
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | * | 2329.238 | 55.475 | 23.810 | -18.525 | 74.000 | 31.666 | PK |
| 2 | | 2390.000 | 51.160 | 19.137 | -22.840 | 74.000 | 32.023 | PK |
| 3 | | 2402.008 | 100.131 | 68.093 | N/A | N/A | 32.037 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 3DH5 at 2402MHz | |



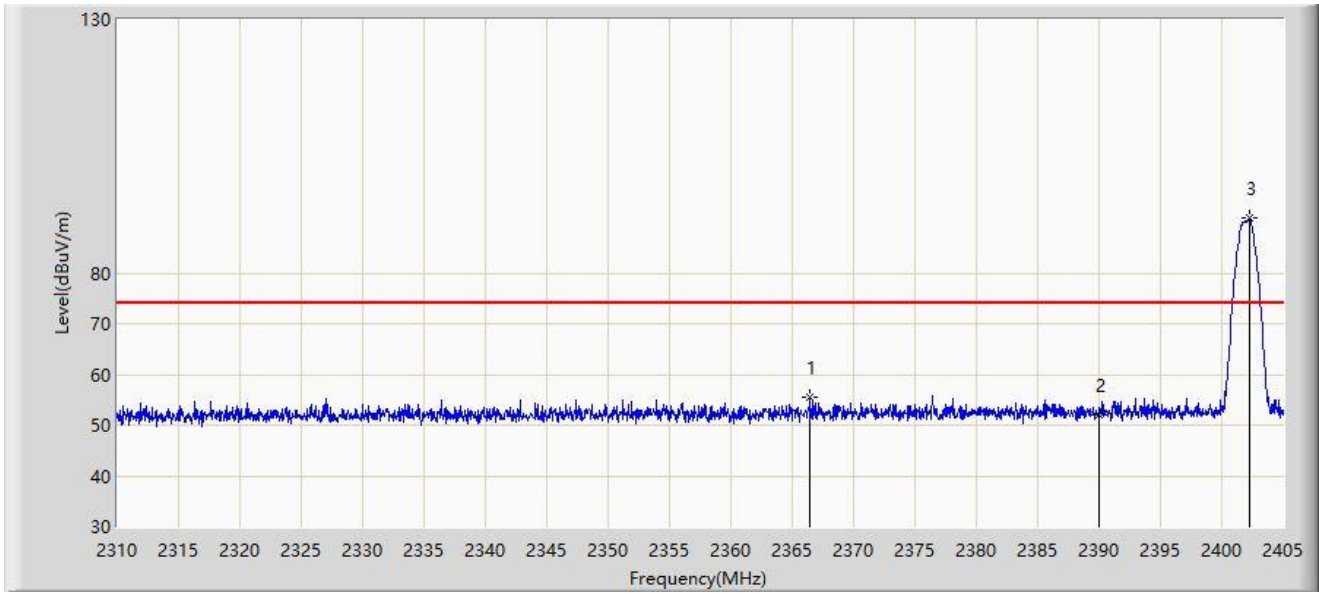
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2352.512 | 36.420 | 4.575 | -17.580 | 54.000 | 31.845 | AV |
| 2 | | 2390.000 | 36.092 | 4.069 | -17.908 | 54.000 | 32.023 | AV |
| 3 | | 2402.008 | 94.476 | 62.438 | N/A | N/A | 32.037 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 3DH5 at 2402MHz | |



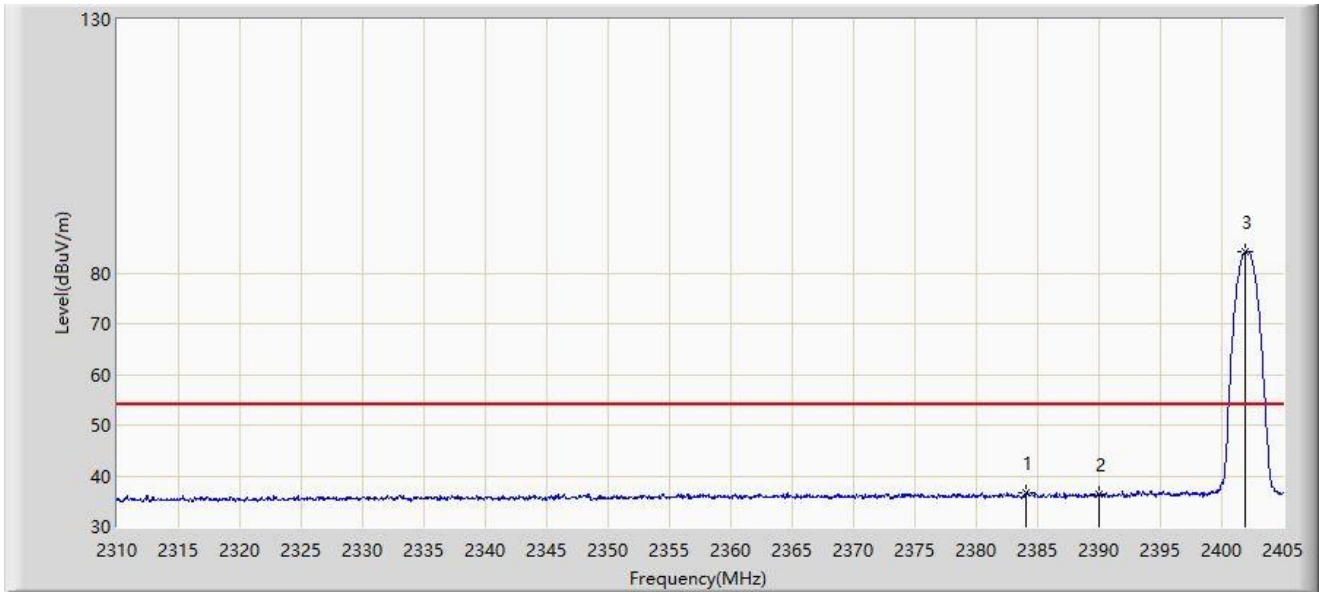
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2366.478 | 55.427 | 23.480 | -18.573 | 74.000 | 31.946 | PK |
| 2 | | 2390.000 | 51.947 | 19.924 | -22.053 | 74.000 | 32.023 | PK |
| 3 | | 2402.245 | 90.805 | 58.767 | N/A | N/A | 32.038 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 3DH5 at 2402MHz | |



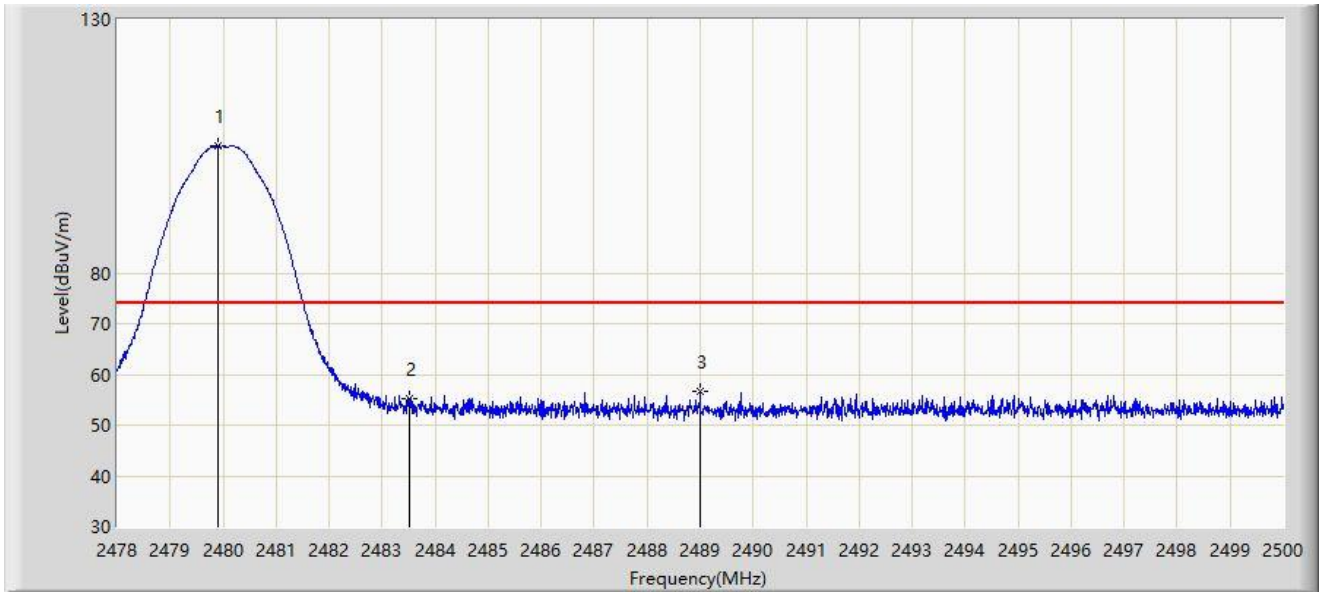
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2384.100 | 36.786 | 4.775 | -17.214 | 54.000 | 32.011 | AV |
| 2 | | 2390.000 | 36.374 | 4.351 | -17.626 | 54.000 | 32.023 | AV |
| 3 | | 2401.913 | 84.196 | 52.158 | N/A | N/A | 32.038 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 3DH5 at 2480MHz | |



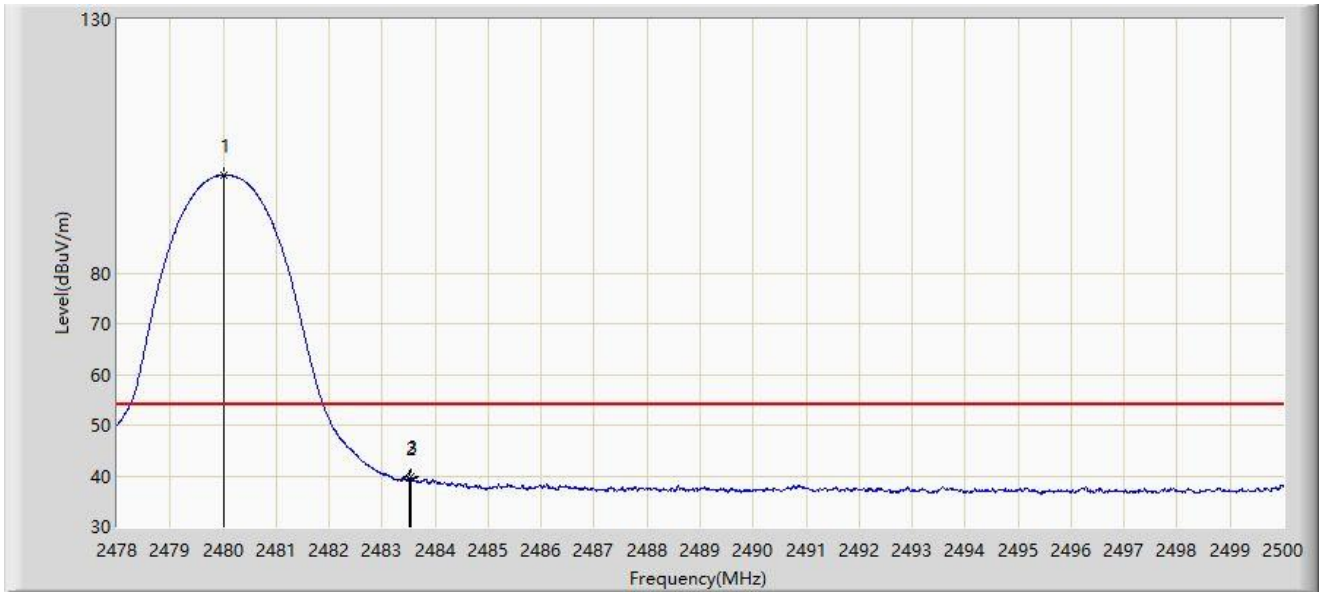
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2479.903 | 105.101 | 72.819 | N/A | N/A | 32.282 | PK |
| 2 | | 2483.500 | 55.299 | 22.999 | -18.701 | 74.000 | 32.300 | PK |
| 3 | * | 2489.000 | 56.567 | 24.238 | -17.433 | 74.000 | 32.329 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Horizontal |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 3DH5 at 2480MHz | |



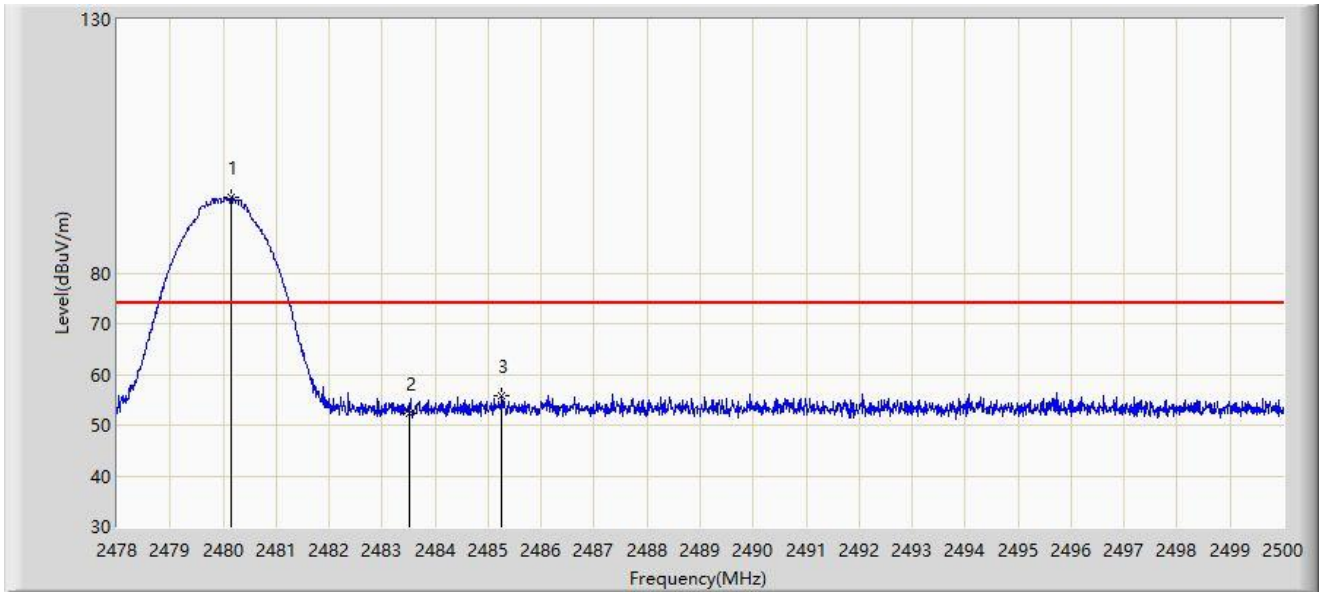
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 2480.002 | 99.289 | 67.007 | N/A | N/A | 32.282 | AV |
| 2 | | 2483.500 | 39.509 | 7.209 | -14.491 | 54.000 | 32.300 | AV |
| 3 | * | 2483.533 | 39.848 | 7.548 | -14.152 | 54.000 | 32.301 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 3DH5 at 2480MHz | |



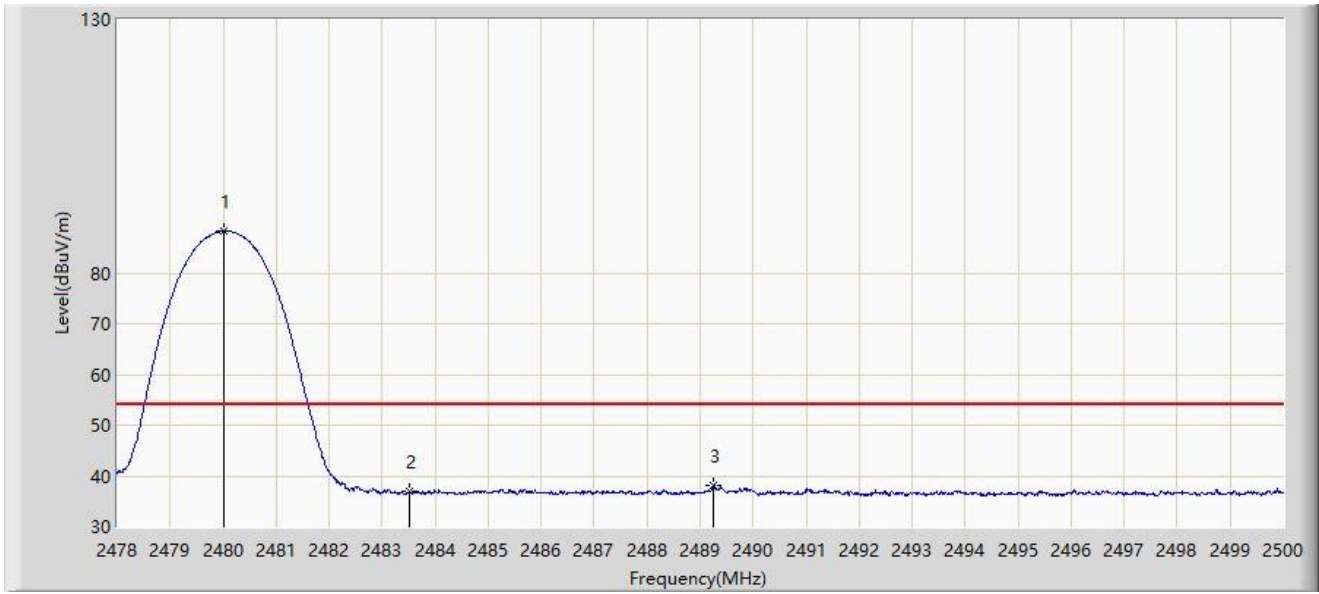
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2480.145 | 94.867 | 62.584 | N/A | N/A | 32.283 | PK |
| 2 | | 2483.500 | 52.358 | 20.058 | -21.642 | 74.000 | 32.300 | PK |
| 3 | * | 2485.260 | 55.703 | 23.394 | -18.297 | 74.000 | 32.309 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC3 | Test Date: 2023-12-16 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Fusco Pan |
| Probe: HF907_102861_1-18GHz | Polarity: Vertical |
| EUT: BT Module | Power: By DC 5V |
| Test Mode: Transmit By 3DH5 at 2480MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2480.024 | 88.267 | 55.985 | N/A | N/A | 32.282 | AV |
| 2 | | 2483.500 | 36.880 | 4.580 | -17.120 | 54.000 | 32.300 | AV |
| 3 | * | 2489.242 | 37.995 | 5.665 | -16.005 | 54.000 | 32.330 | AV |

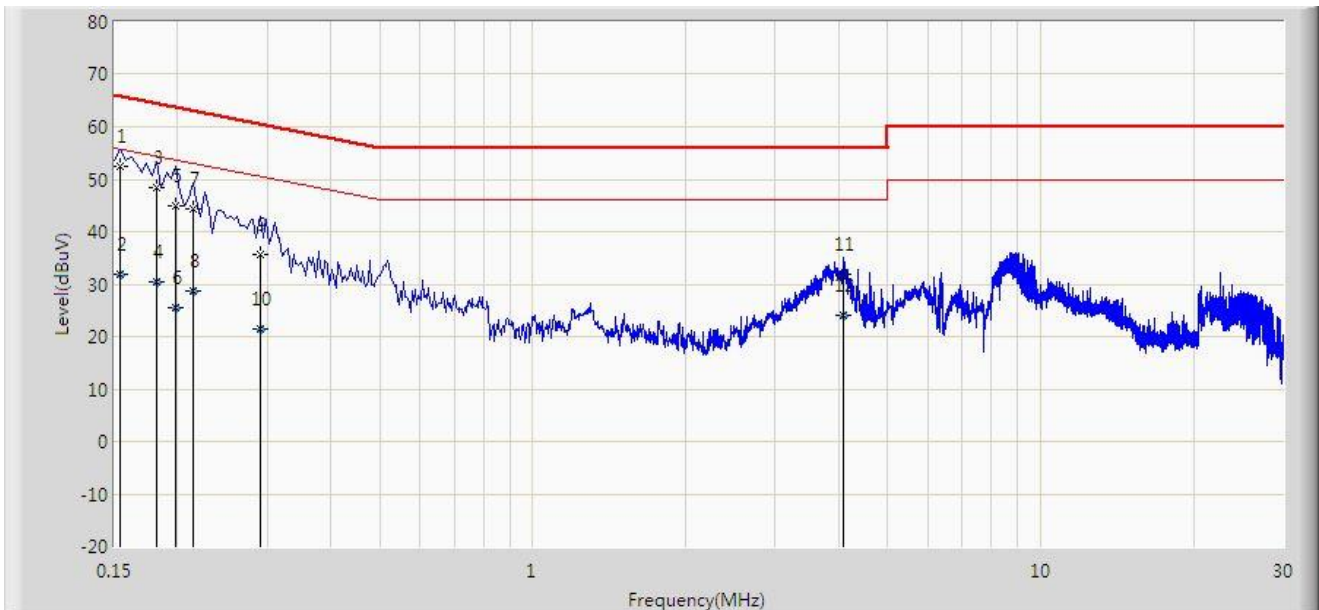
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

A.11 AC Conducted Emissions Test Result

| | |
|---------------------------------------|-----------------------|
| Site: SIP-SR2 | Test Date: 2023/12/29 |
| Temperature: 17.6°C | Humidity: 49.1% |
| Limit: FCC_Part15.207_CE_AC Power | Engineer: Mark Long |
| Probe: SIP-SR2-ENV216_101684_C | Polarity: Line |
| EUT: BT Module | Power: AC 120V/60Hz |
| Test Mode: Transmit by DH5 at 2402MHz | |



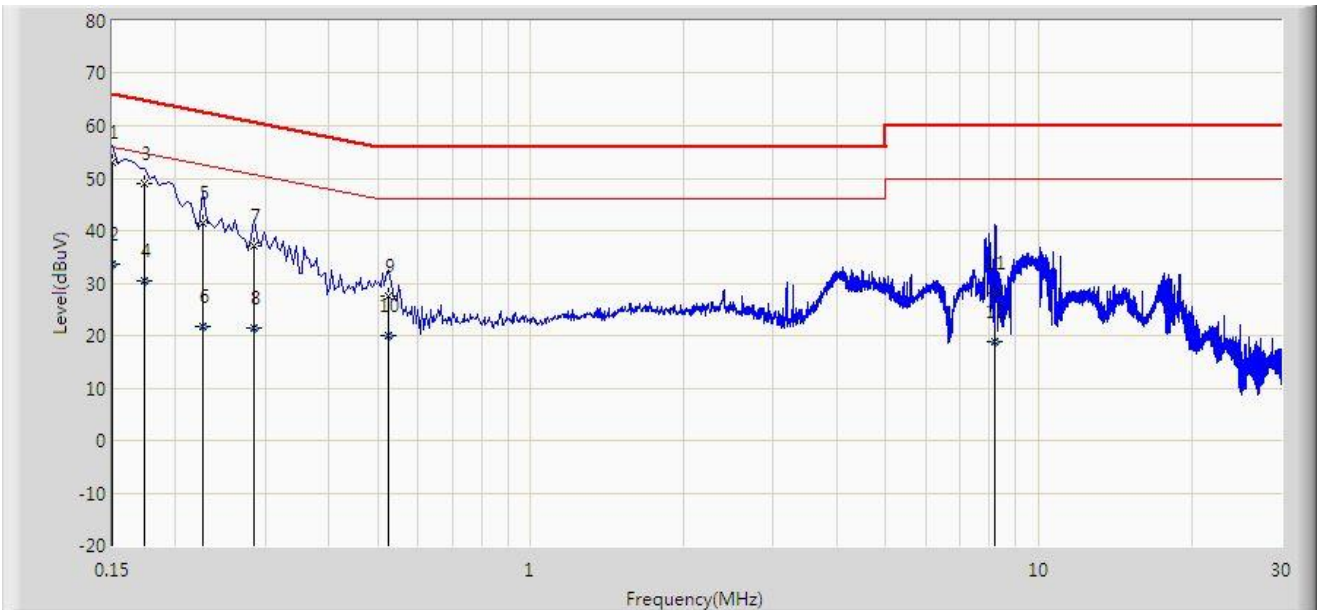
| No | Mark | Frequency (MHz) | Measure Level (dBμV) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV) | Factor (dB) | Type |
|----|------|-----------------|----------------------|----------------------|-------------|--------------|-------------|------|
| 1 | * | 0.154 | 52.516 | 42.601 | -13.266 | 65.781 | 9.915 | QP |
| 2 | | 0.154 | 31.741 | 21.826 | -24.040 | 55.781 | 9.915 | AV |
| 3 | | 0.182 | 48.382 | 38.359 | -16.012 | 64.394 | 10.023 | QP |
| 4 | | 0.182 | 30.369 | 20.346 | -24.025 | 54.394 | 10.023 | AV |
| 5 | | 0.198 | 44.876 | 34.827 | -18.818 | 63.694 | 10.049 | QP |
| 6 | | 0.198 | 25.503 | 15.453 | -28.191 | 53.694 | 10.049 | AV |
| 7 | | 0.214 | 44.356 | 34.330 | -18.693 | 63.049 | 10.025 | QP |
| 8 | | 0.214 | 28.647 | 18.622 | -24.401 | 53.049 | 10.025 | AV |
| 9 | | 0.290 | 35.589 | 25.820 | -24.935 | 60.524 | 9.769 | QP |
| 10 | | 0.290 | 21.580 | 11.811 | -28.944 | 50.524 | 9.769 | AV |
| 11 | | 4.090 | 31.762 | 21.911 | -24.238 | 56.000 | 9.851 | QP |
| 12 | | 4.090 | 24.144 | 14.293 | -21.856 | 46.000 | 9.851 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

| | |
|---------------------------------------|-----------------------|
| Site: SIP-SR2 | Test Date: 2023/12/29 |
| Temperature: 17.6°C | Humidity: 49.1% |
| Limit: FCC_Part15.207_CE_AC Power | Engineer: Mark Long |
| Probe: SIP-SR2-ENV216_101684_C | Polarity: Neutral |
| EUT: BT Module | Power: AC 120V/60Hz |
| Test Mode: Transmit by DH5 at 2402MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dBμV) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV) | Factor (dB) | Type |
|----|------|-----------------|----------------------|----------------------|-------------|--------------|-------------|------|
| 1 | * | 0.150 | 52.935 | 43.292 | -13.065 | 66.000 | 9.642 | QP |
| 2 | | 0.150 | 33.755 | 24.113 | -22.245 | 56.000 | 9.642 | AV |
| 3 | | 0.174 | 48.851 | 39.211 | -15.916 | 64.767 | 9.640 | QP |
| 4 | | 0.174 | 30.360 | 20.720 | -24.408 | 54.767 | 9.640 | AV |
| 5 | | 0.226 | 41.523 | 31.837 | -21.073 | 62.595 | 9.686 | QP |
| 6 | | 0.226 | 21.628 | 11.943 | -30.967 | 52.595 | 9.686 | AV |
| 7 | | 0.286 | 37.130 | 27.435 | -23.510 | 60.640 | 9.696 | QP |
| 8 | | 0.286 | 21.585 | 11.890 | -29.055 | 50.640 | 9.696 | AV |
| 9 | | 0.526 | 27.482 | 17.772 | -28.518 | 56.000 | 9.710 | QP |
| 10 | | 0.526 | 20.142 | 10.432 | -25.858 | 46.000 | 9.710 | AV |
| 11 | | 8.206 | 28.037 | 18.057 | -31.963 | 60.000 | 9.980 | QP |
| 12 | | 8.206 | 18.786 | 8.806 | -31.214 | 50.000 | 9.980 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B - Test Setup Photograph

Refer to "2311RSU069-UT" file.

Appendix C - EUT Photograph

Refer to "2311RSU069-UE" file.

_____ The End _____