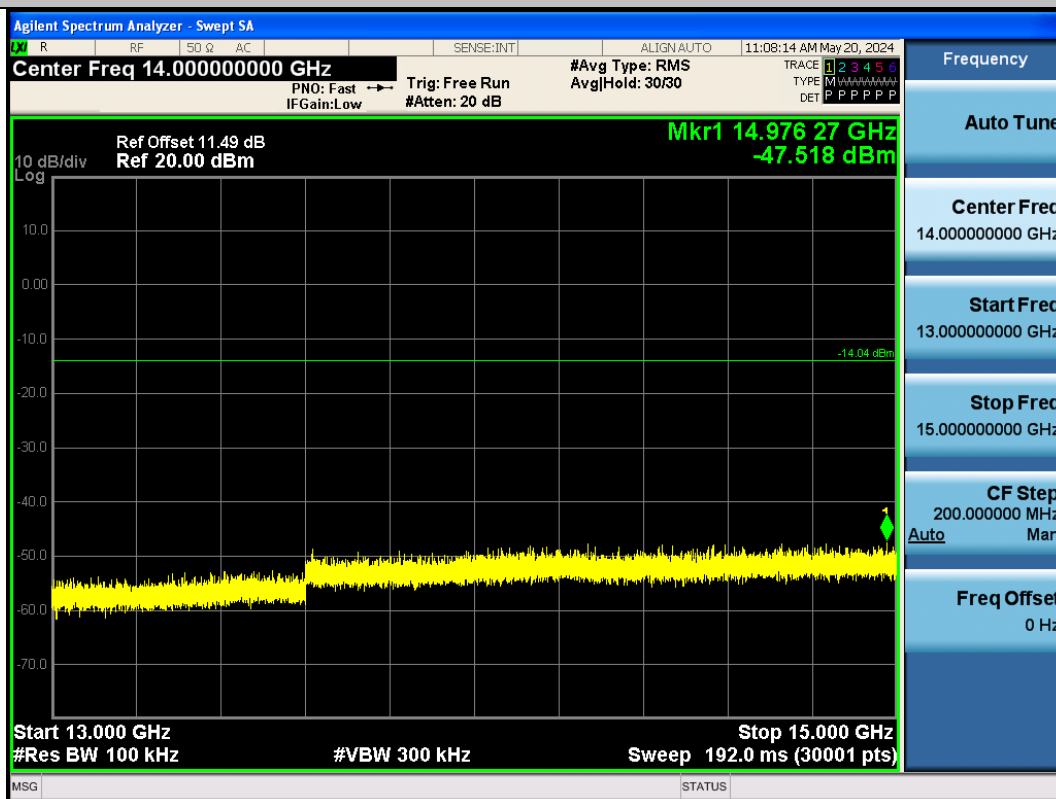
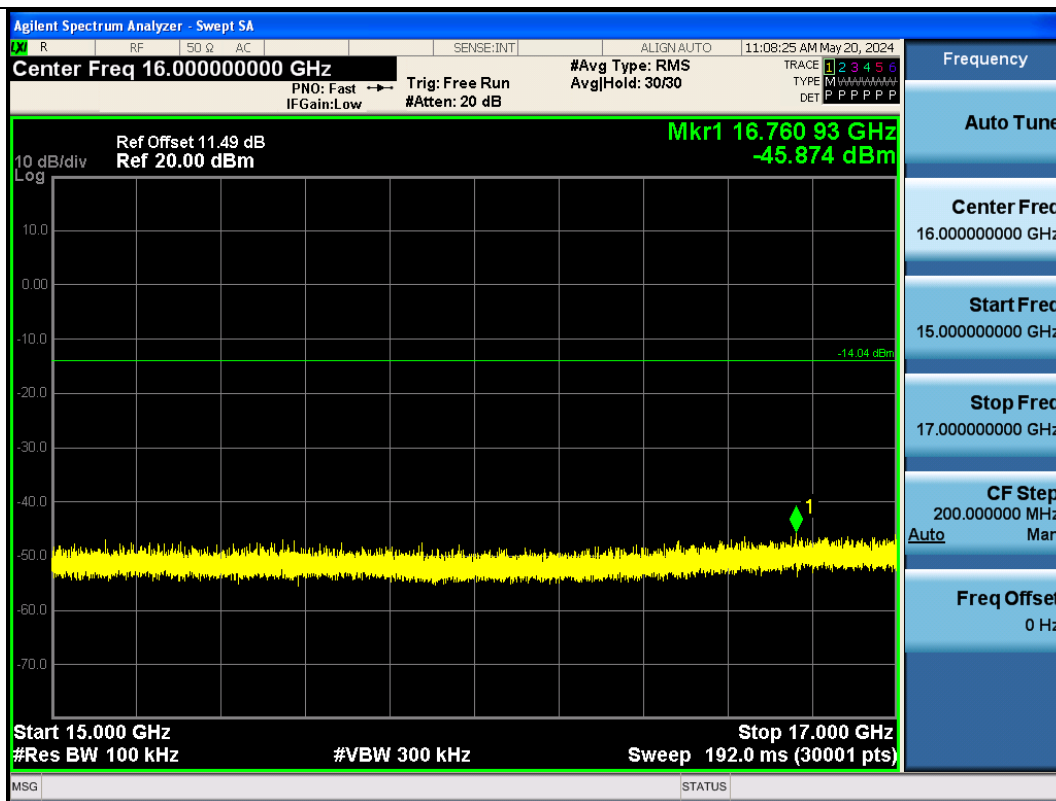


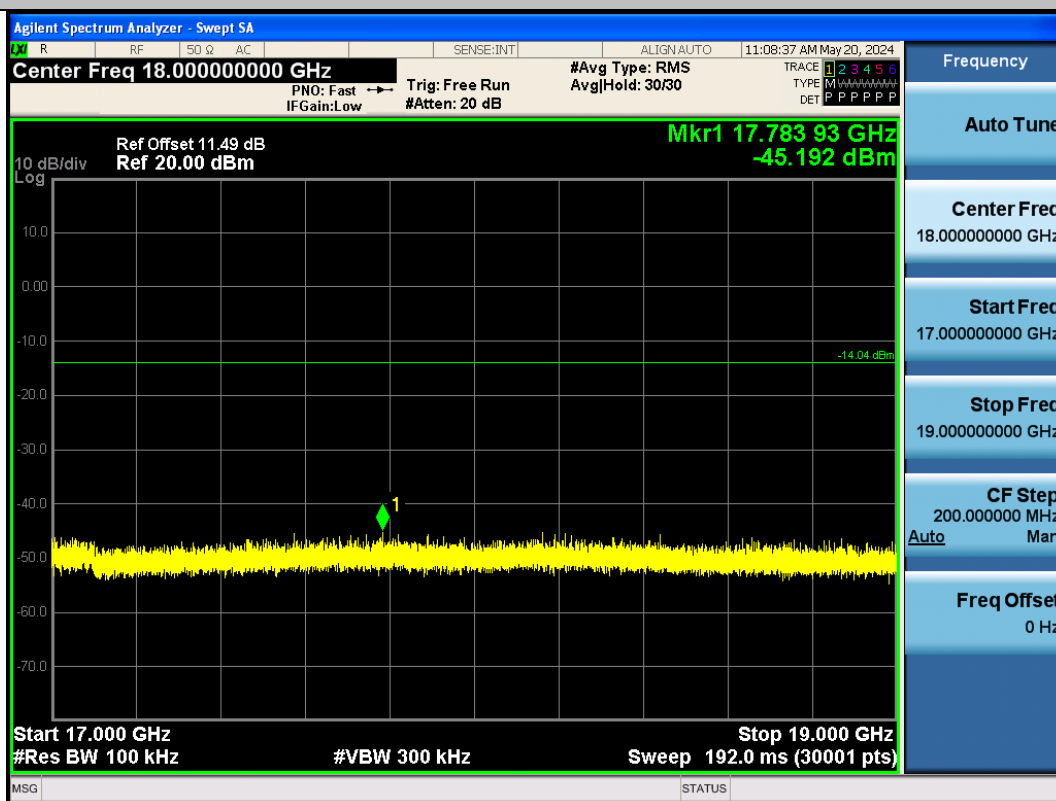
BLE_500K-Ant1-2480-11000~13000-PASS



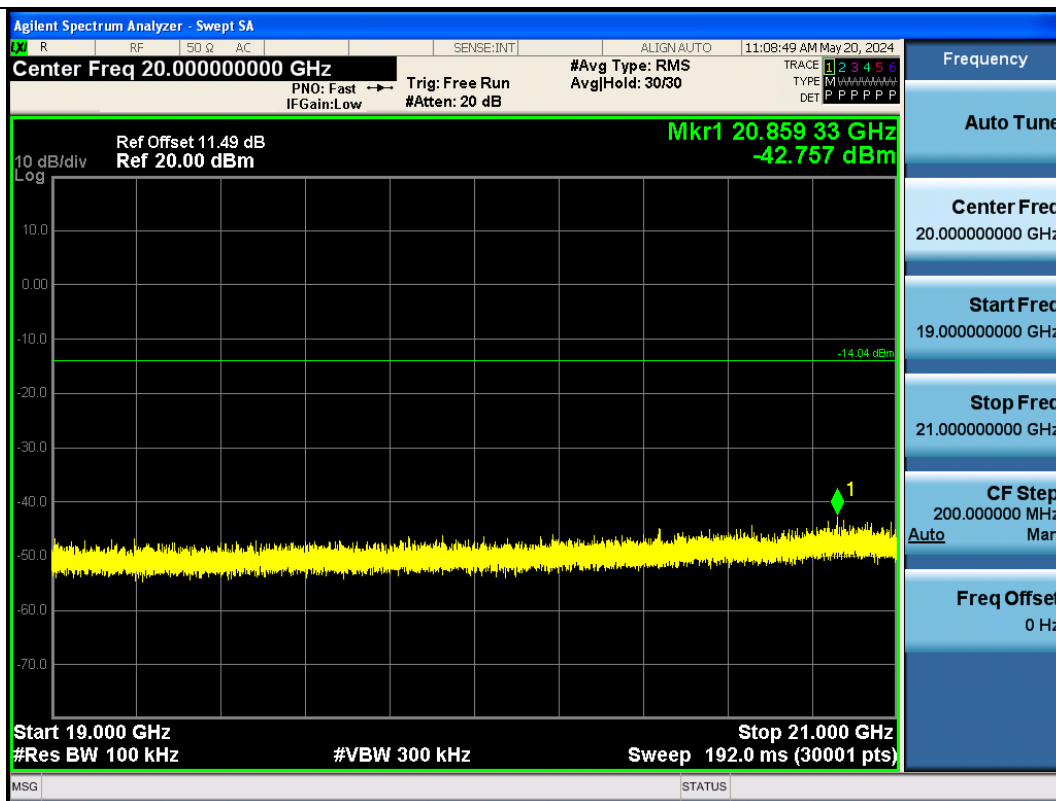
BLE_500K-Ant1-2480-13000~15000-PASS



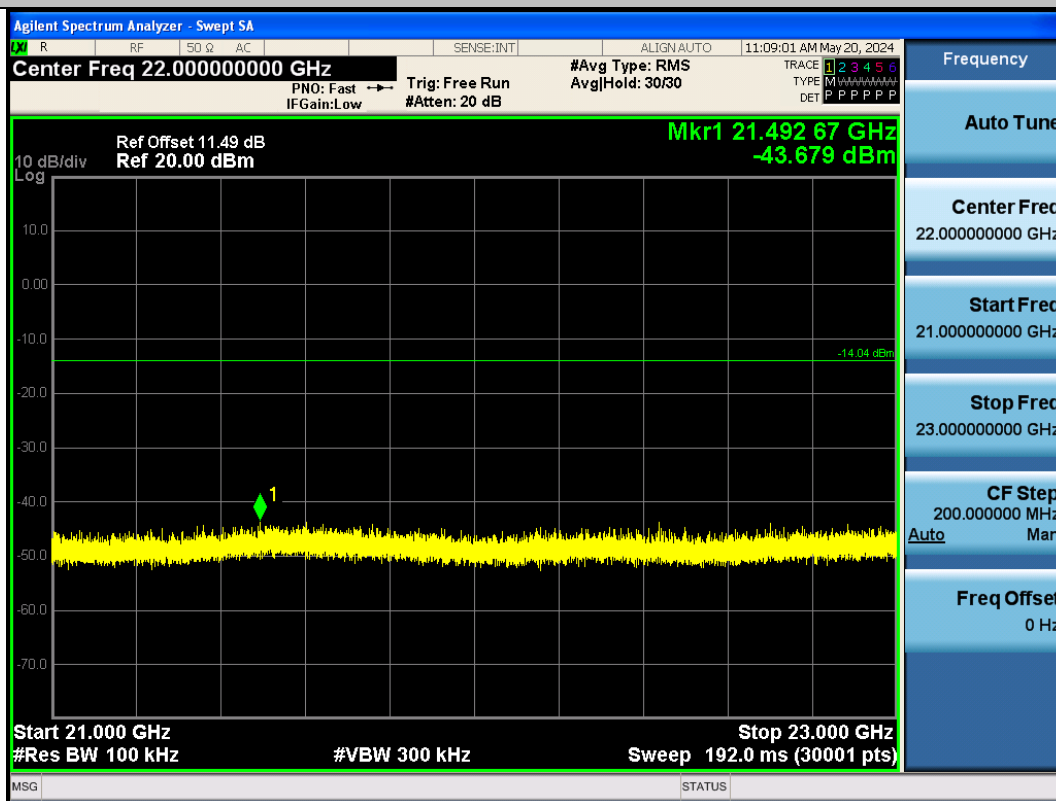
BLE_500K-Ant1-2480-15000~17000-PASS



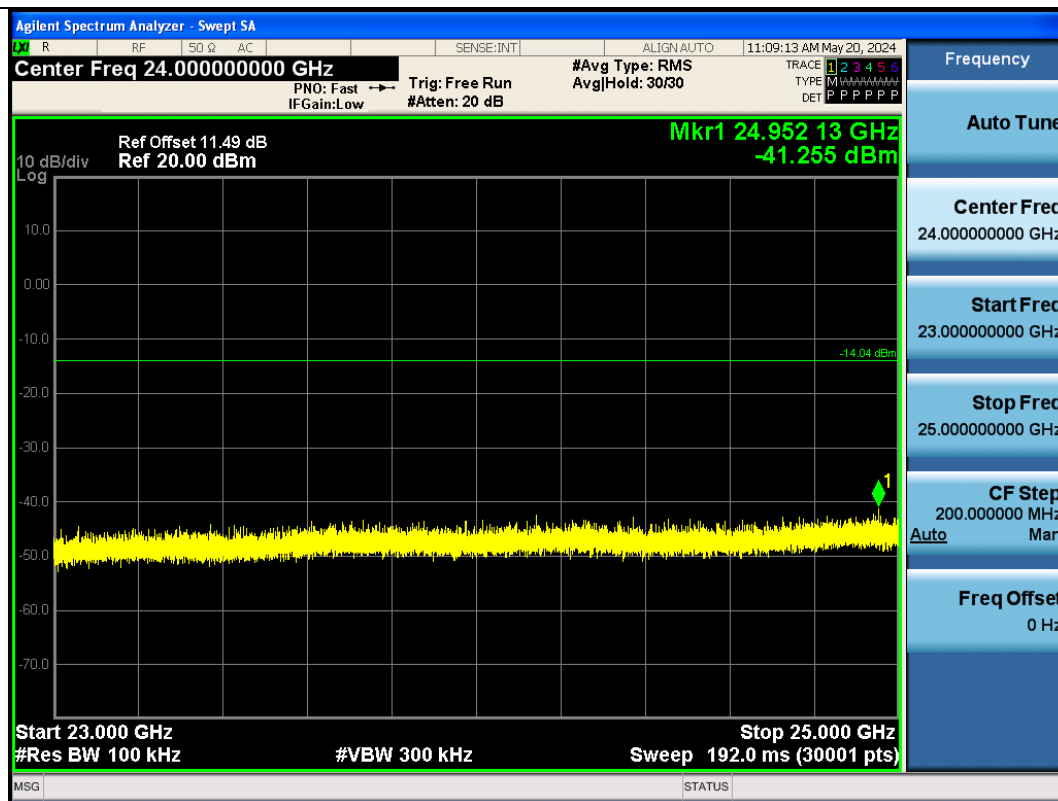
BLE_500K-Ant1-2480-17000~19000-PASS



BLE_500K-Ant1-2480-19000~21000-PASS



BLE_500K-Ant1-2480-21000~23000-PASS

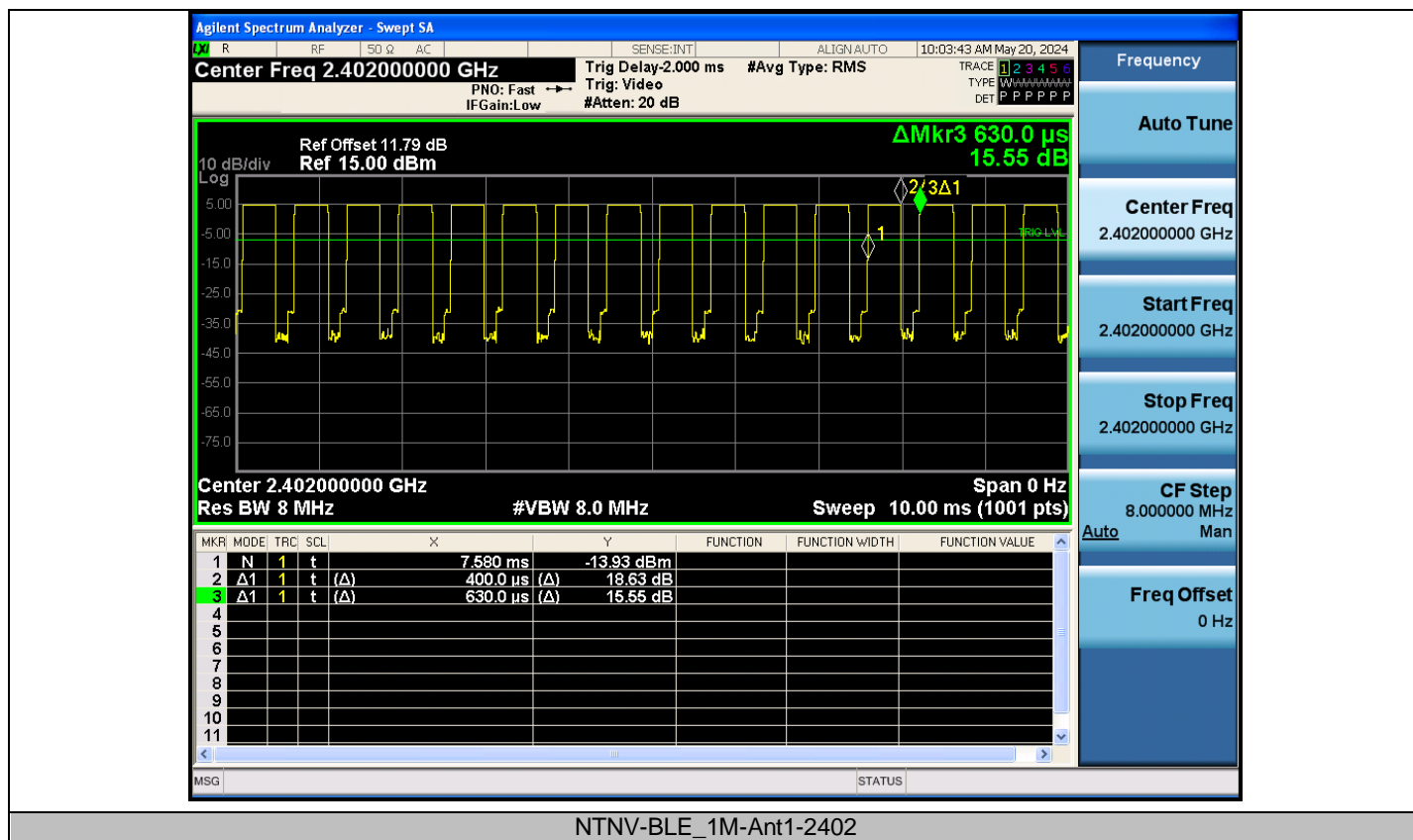


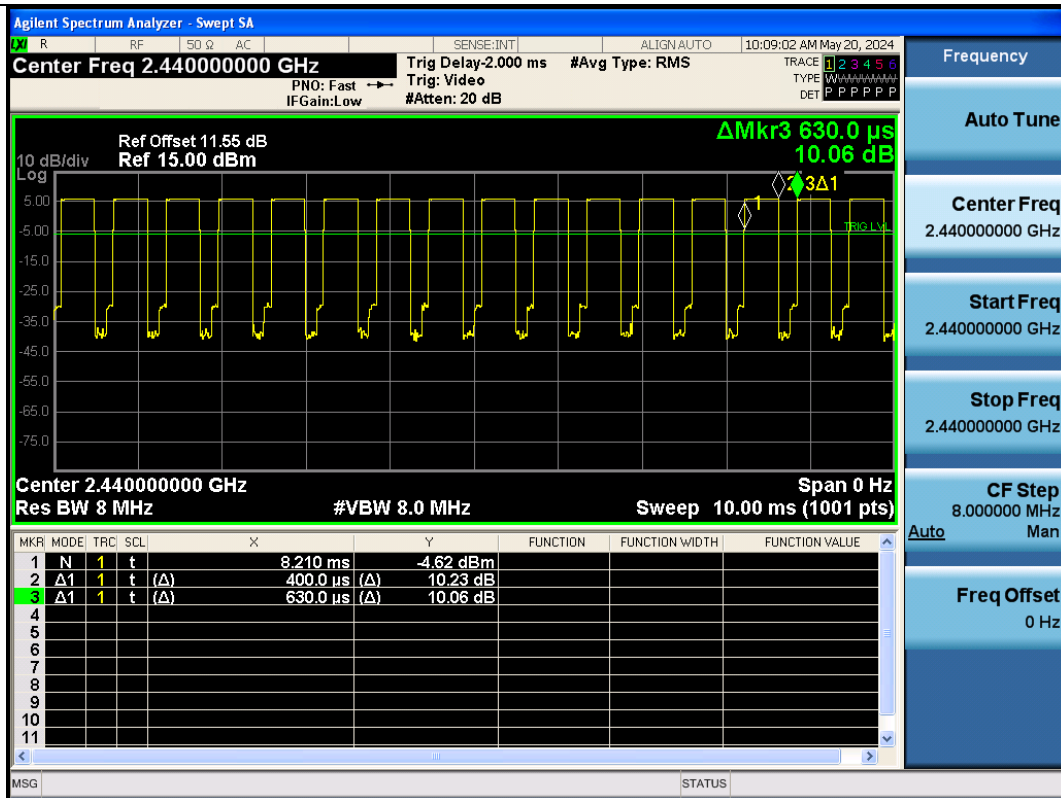
BLE_500K-Ant1-2480-23000~25000-PASS

12 TEST RESULT-APPENDIX G: DUTY CYCLE

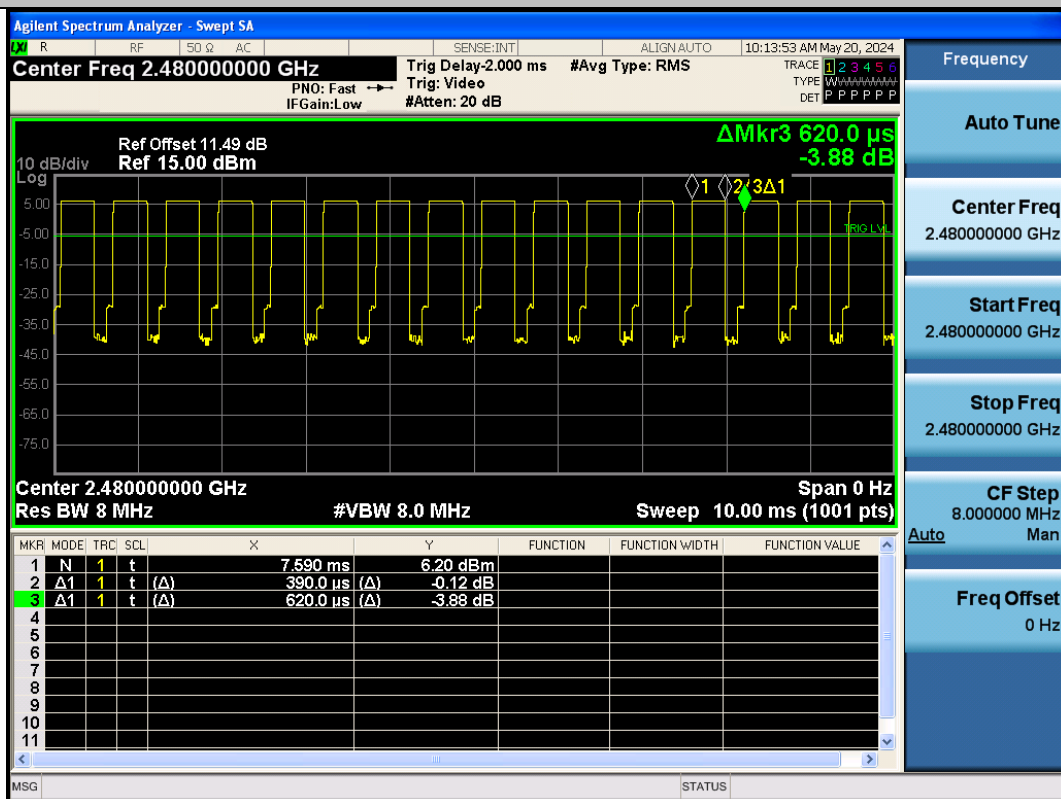
| TestMode | Antenna | Frequency[MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|----------|---------|----------------|--------------|-------------|----------------|-----------------------|
| BLE_1M | Ant1 | 2402 | 0.40 | 0.63 | 63.49 | 1.97 |
| BLE_1M | Ant1 | 2440 | 0.40 | 0.63 | 63.49 | 1.97 |
| BLE_1M | Ant1 | 2480 | 0.39 | 0.62 | 62.90 | 2.01 |
| BLE_2M | Ant1 | 2402 | 0.21 | 0.62 | 33.87 | 4.70 |
| BLE_2M | Ant1 | 2440 | 0.21 | 0.62 | 33.87 | 4.70 |
| BLE_2M | Ant1 | 2480 | 0.21 | 0.62 | 33.87 | 4.70 |
| BLE_125K | Ant1 | 2402 | 3.12 | 3.75 | 83.20 | 0.80 |
| BLE_125K | Ant1 | 2440 | 3.12 | 3.75 | 83.20 | 0.80 |
| BLE_125K | Ant1 | 2480 | 3.12 | 3.75 | 83.20 | 0.80 |
| BLE_500K | Ant1 | 2402 | 1.07 | 1.87 | 57.22 | 2.42 |
| BLE_500K | Ant1 | 2440 | 1.08 | 1.88 | 57.45 | 2.41 |
| BLE_500K | Ant1 | 2480 | 1.08 | 1.88 | 57.45 | 2.41 |

Test Graphs

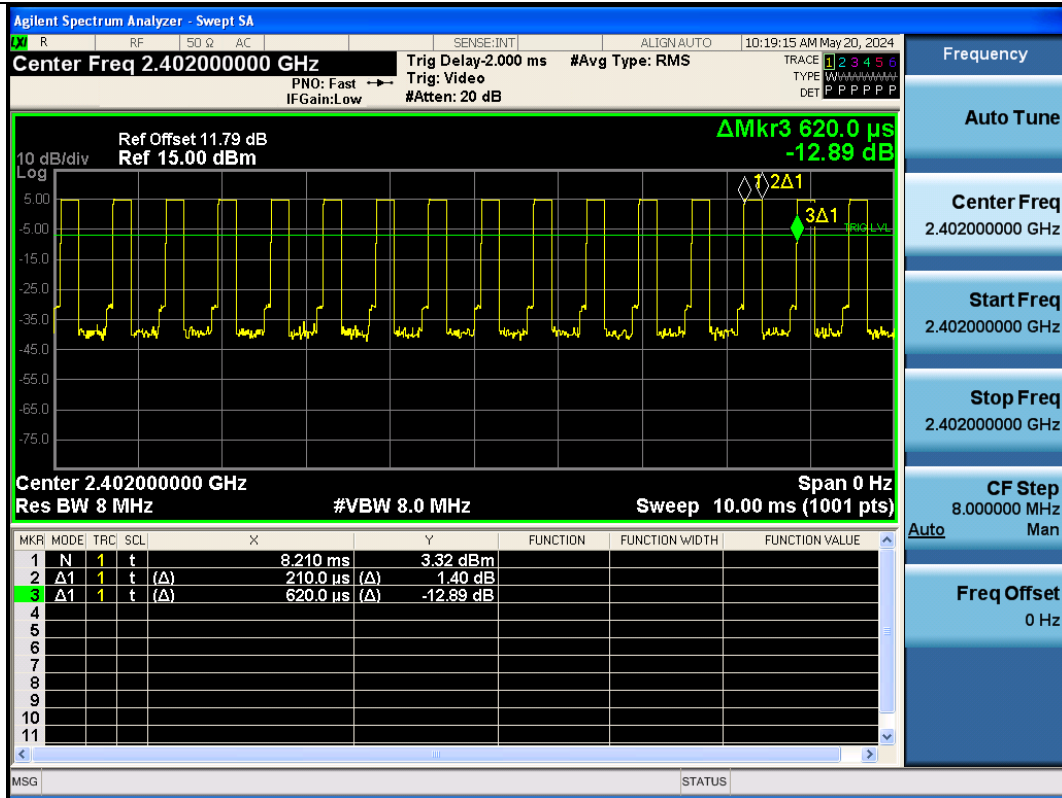




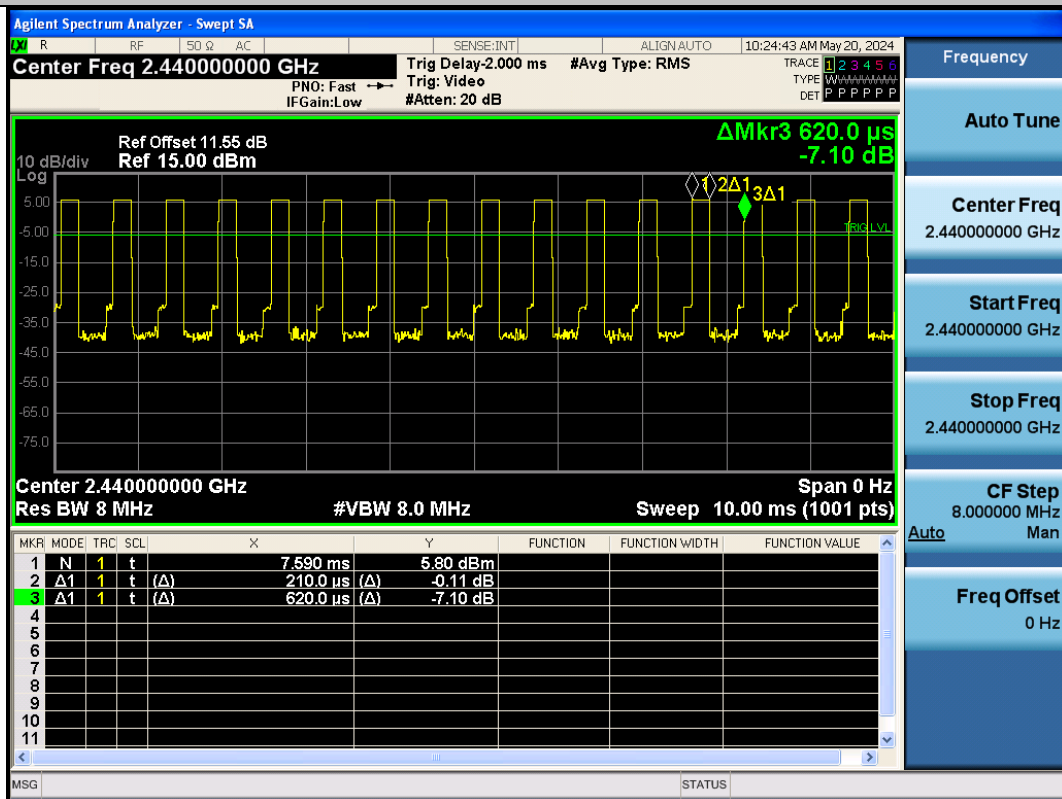
NTNV-BLE_1M-Ant1-2440



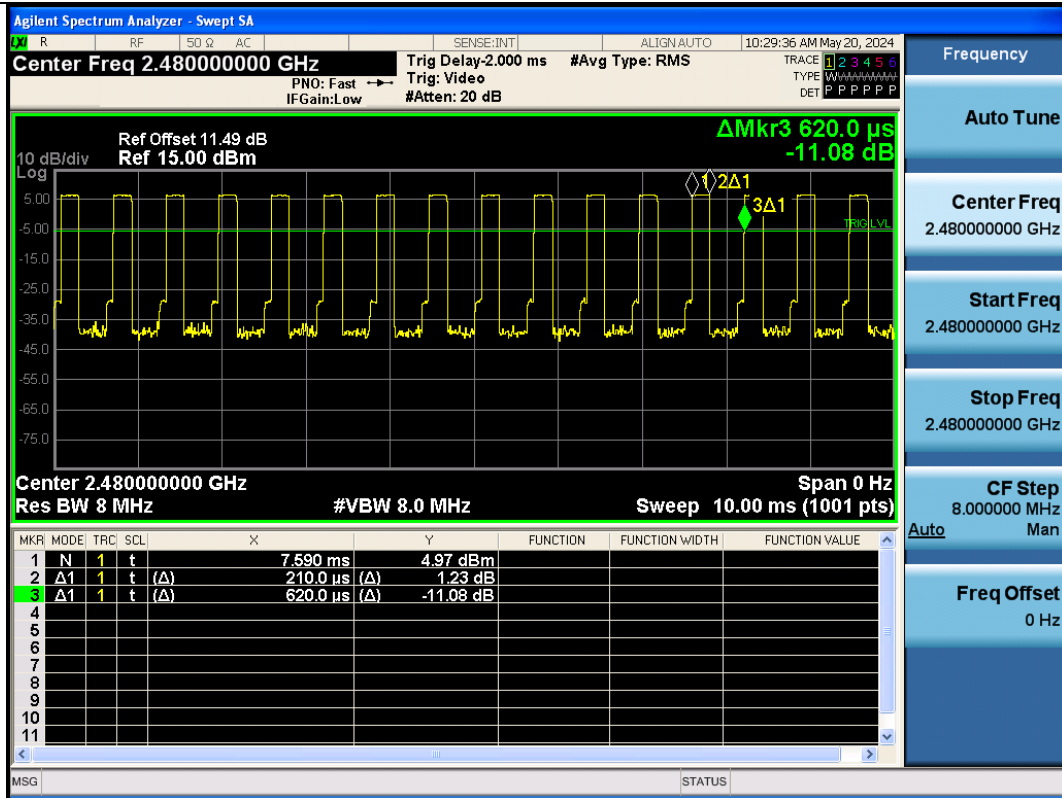
NTNV-BLE_1M-Ant1-2480



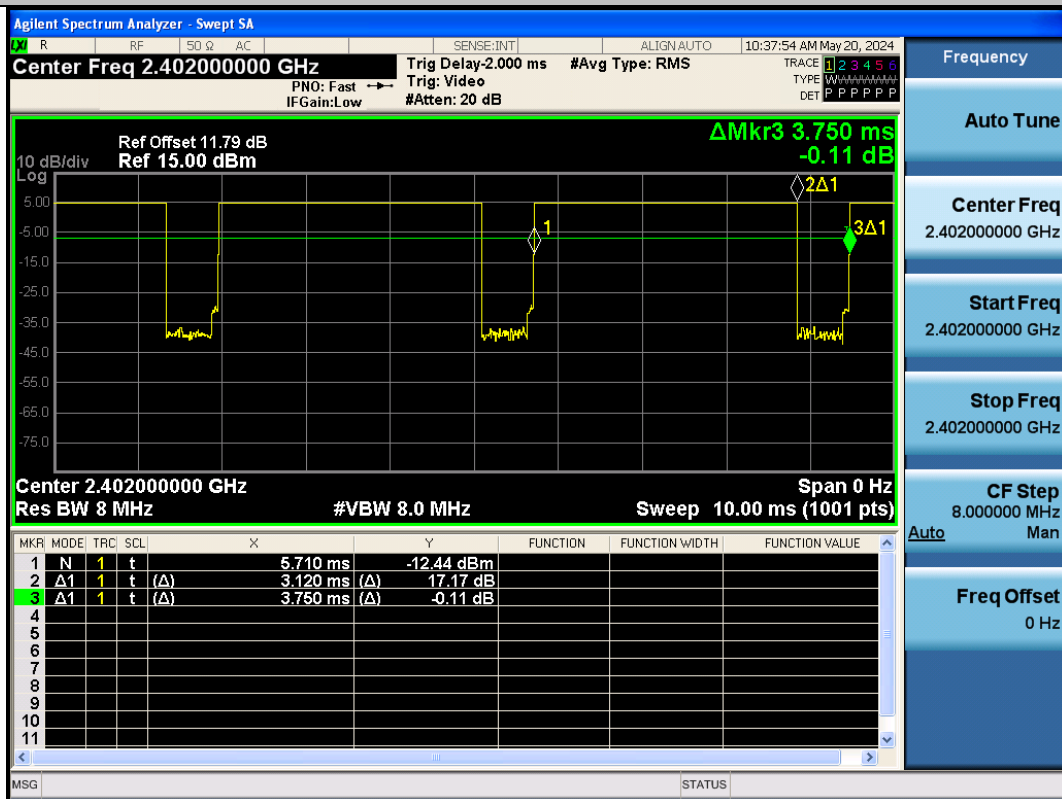
NTNV-BLE_2M-Ant1-2402



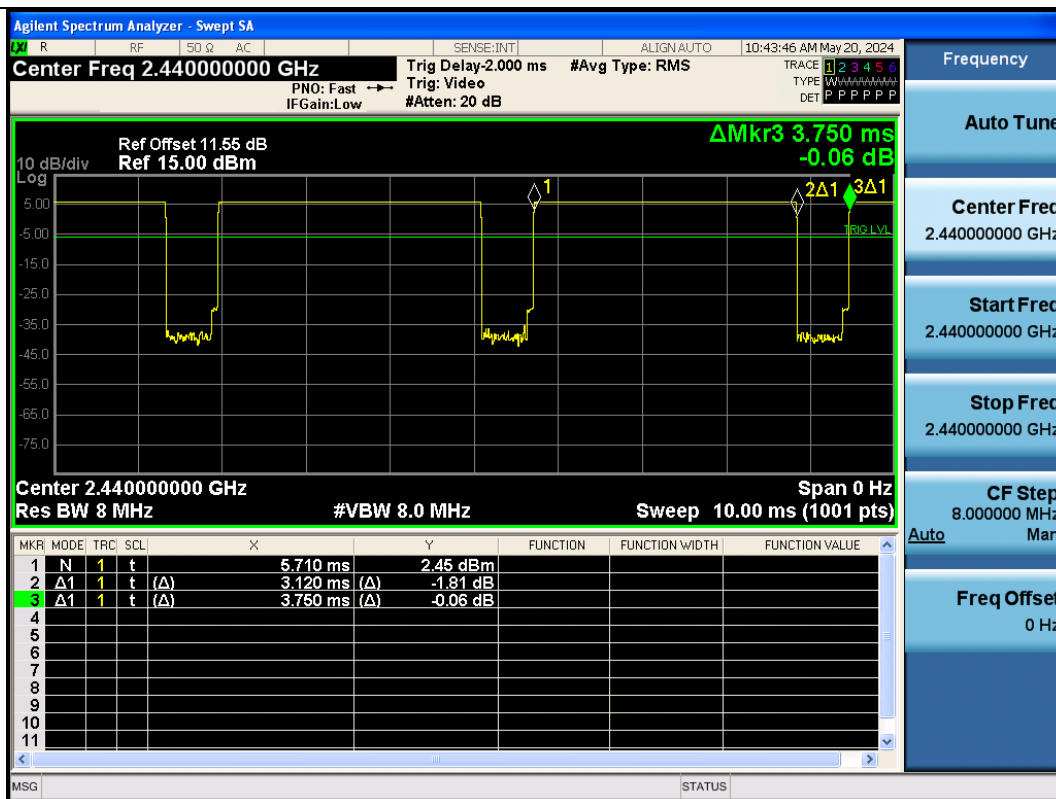
NTNV-BLE_2M-Ant1-2440



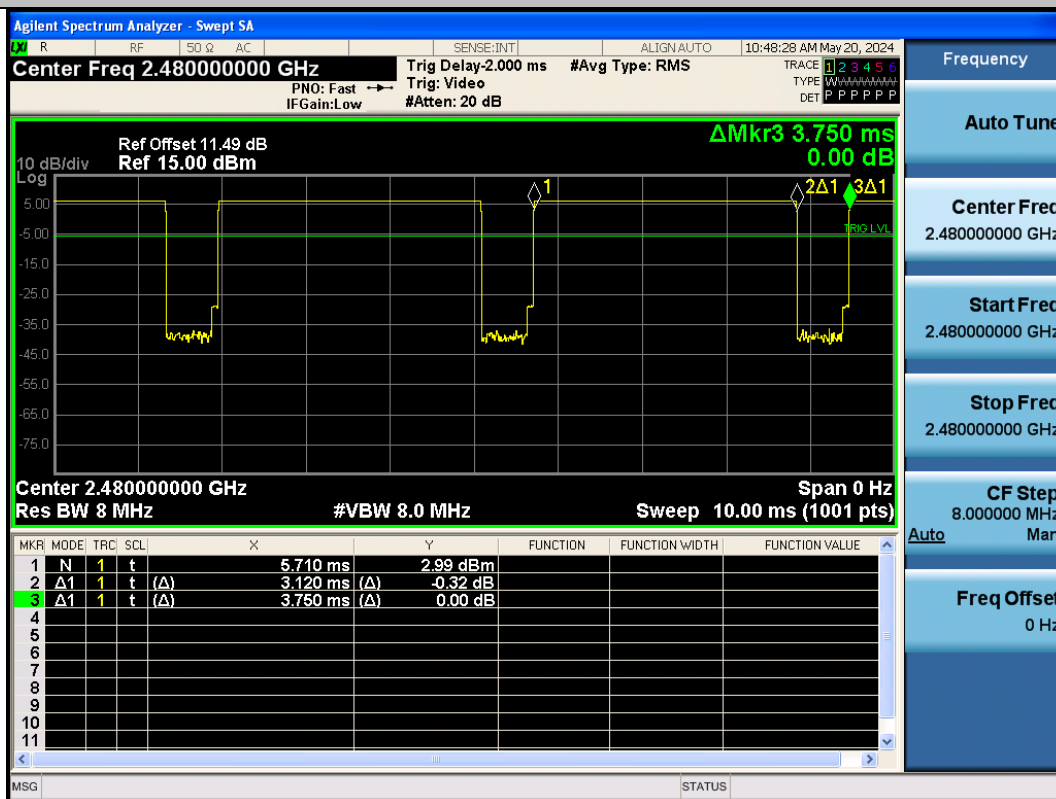
NTNV-BLE_2M-Ant1-2480



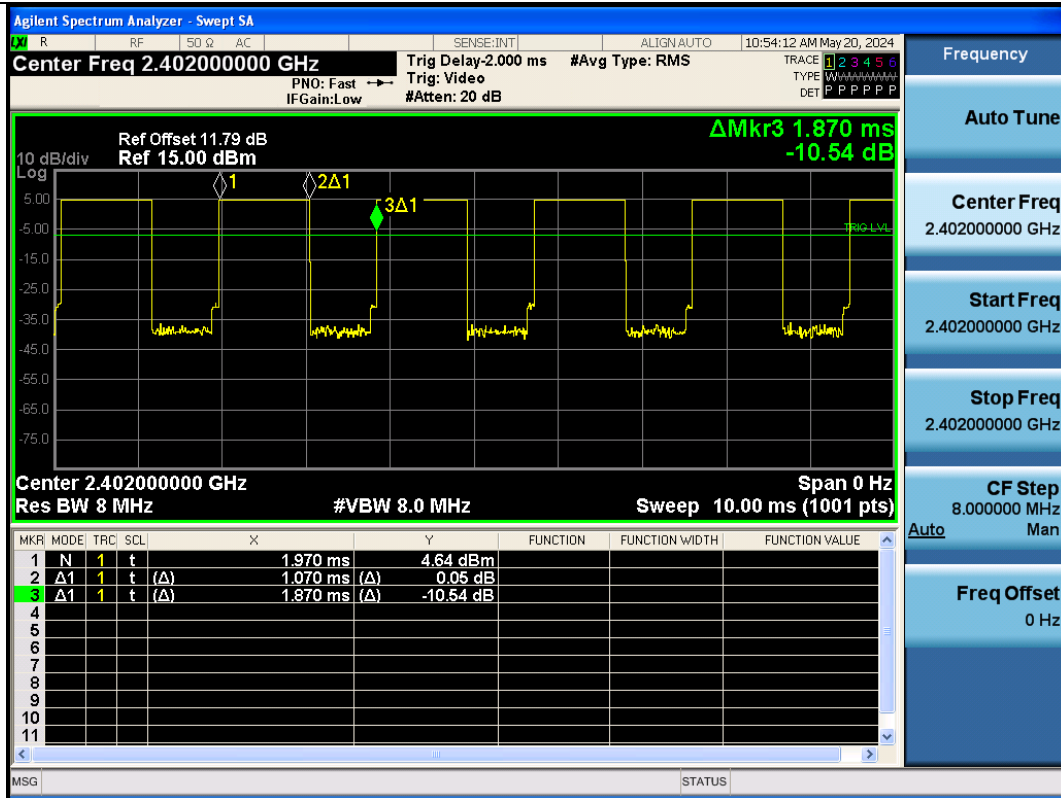
NTNV-BLE_125K-Ant1-2402



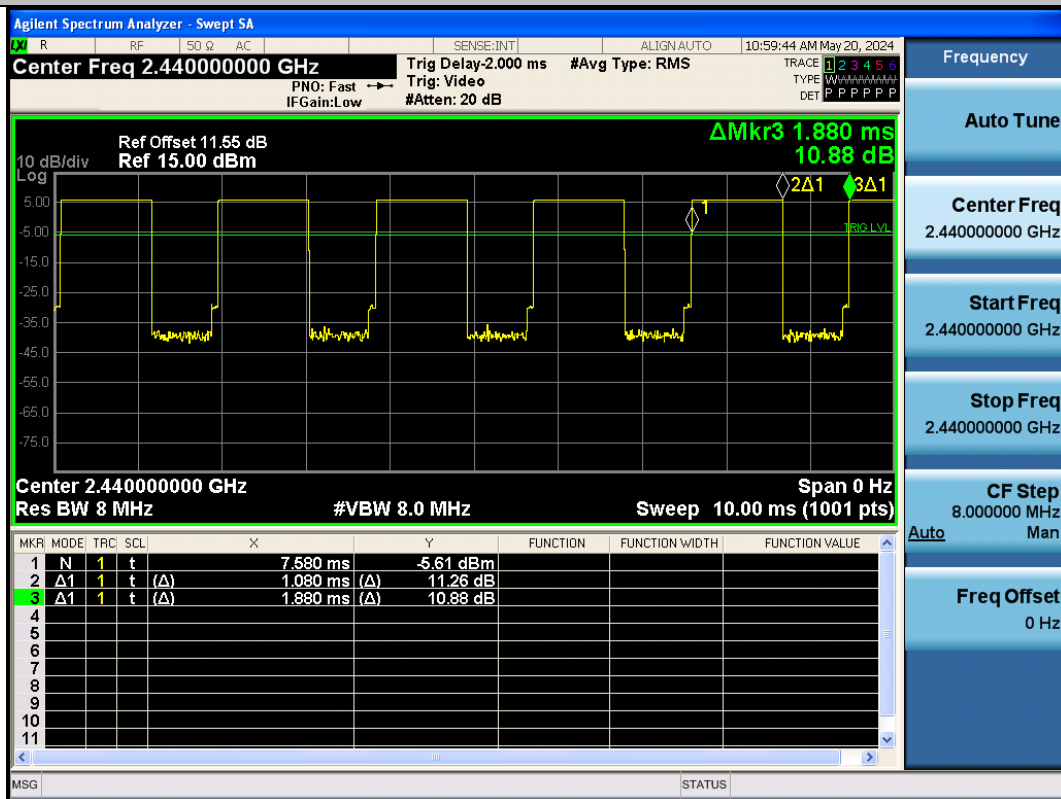
NTNV-BLE_125K-Ant1-2440



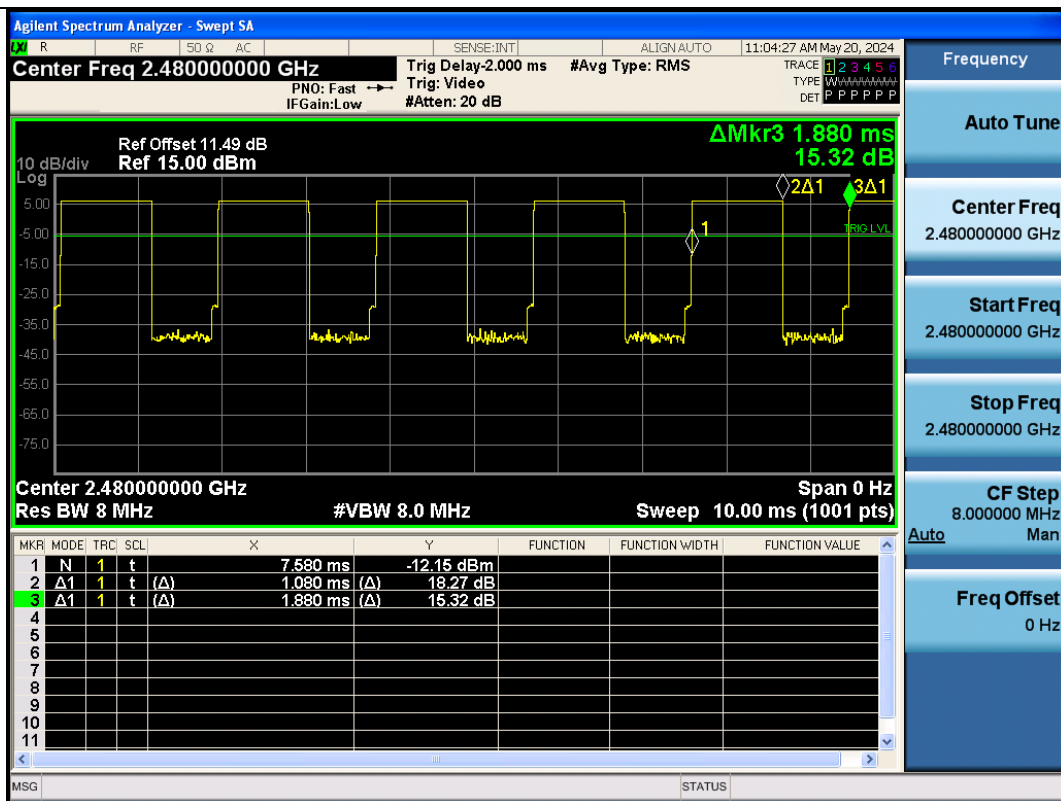
NTNV-BLE_125K-Ant1-2480



NTNV-BLE_500K-Ant1-2402



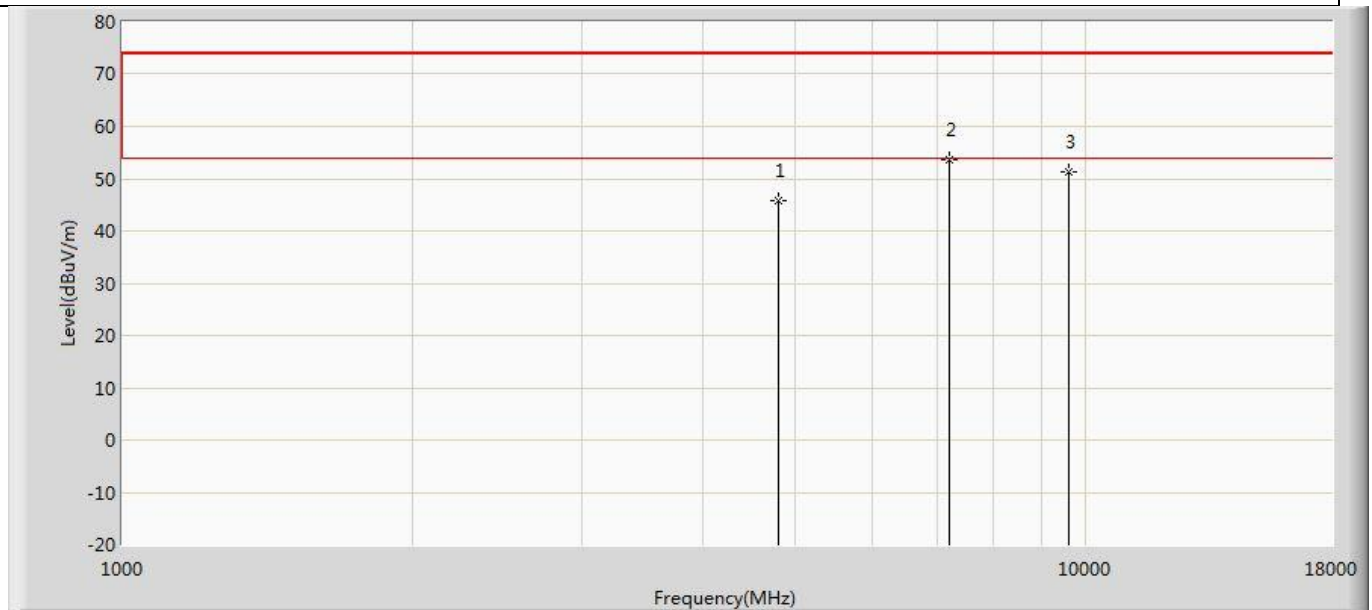
NTNV-BLE_500K-Ant1-2440



NTNV-BLE_500K-Ant1-2480

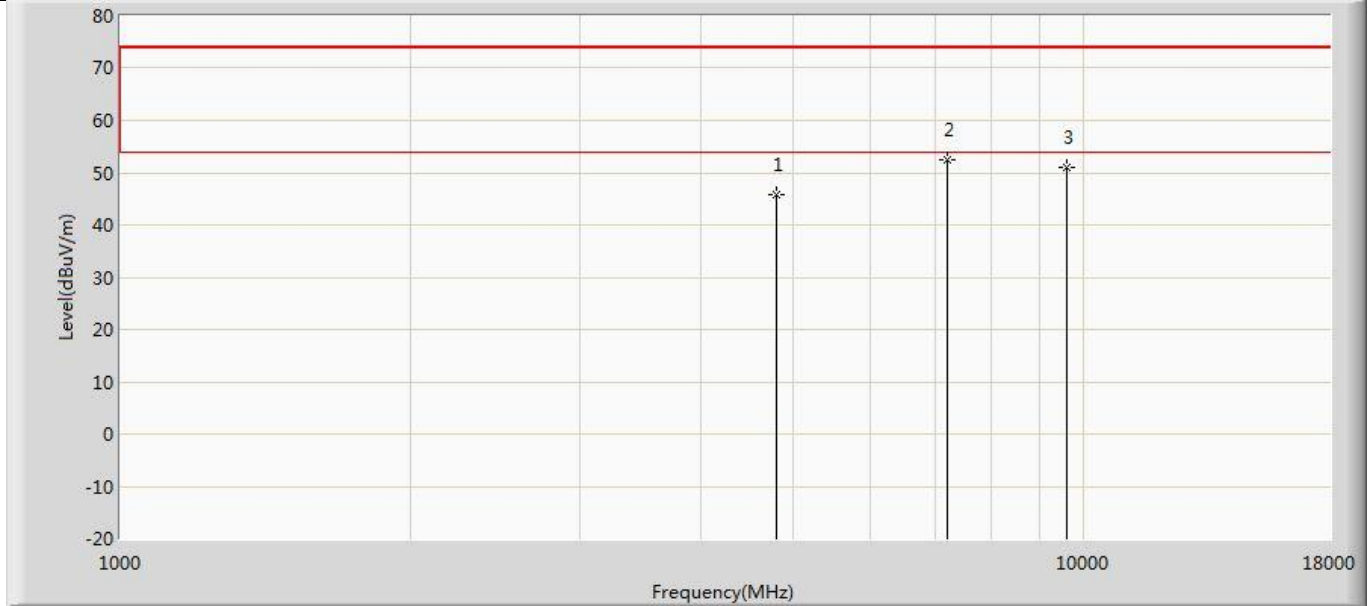
13 TEST RESULT-APPENDIX H: EMISSIONS IN RESTRICTED BANDS

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 29 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:24 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps | |



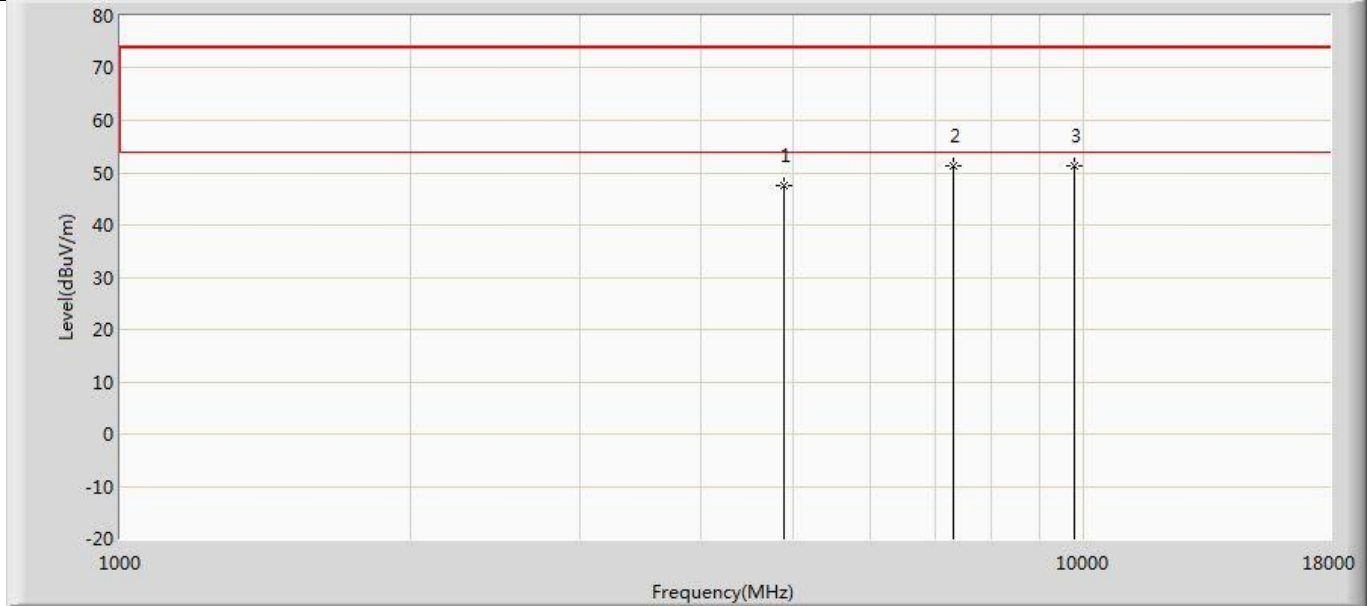
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4804.000 | 45.873 | 57.761 | -28.127 | 74.000 | -11.888 | PK |
| 2 | * | 7205.000 | 53.689 | 59.839 | -20.311 | 74.000 | -6.150 | PK |
| 3 | | 9608.000 | 51.399 | 54.622 | -22.601 | 74.000 | -3.222 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 30 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:24 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps | |



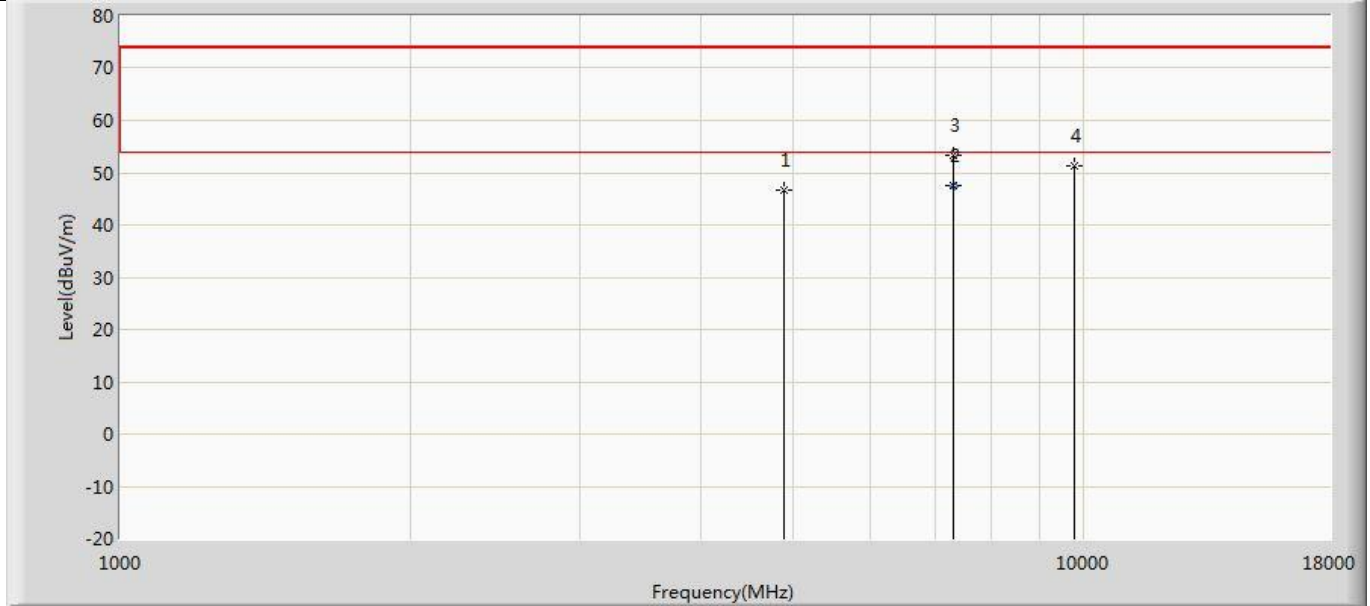
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4804.000 | 45.730 | 57.618 | -28.270 | 74.000 | -11.888 | PK |
| 2 | * | 7205.000 | 52.429 | 58.579 | -21.571 | 74.000 | -6.150 | PK |
| 3 | | 9608.000 | 50.976 | 54.199 | -23.024 | 74.000 | -3.222 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 31 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:24 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps | |



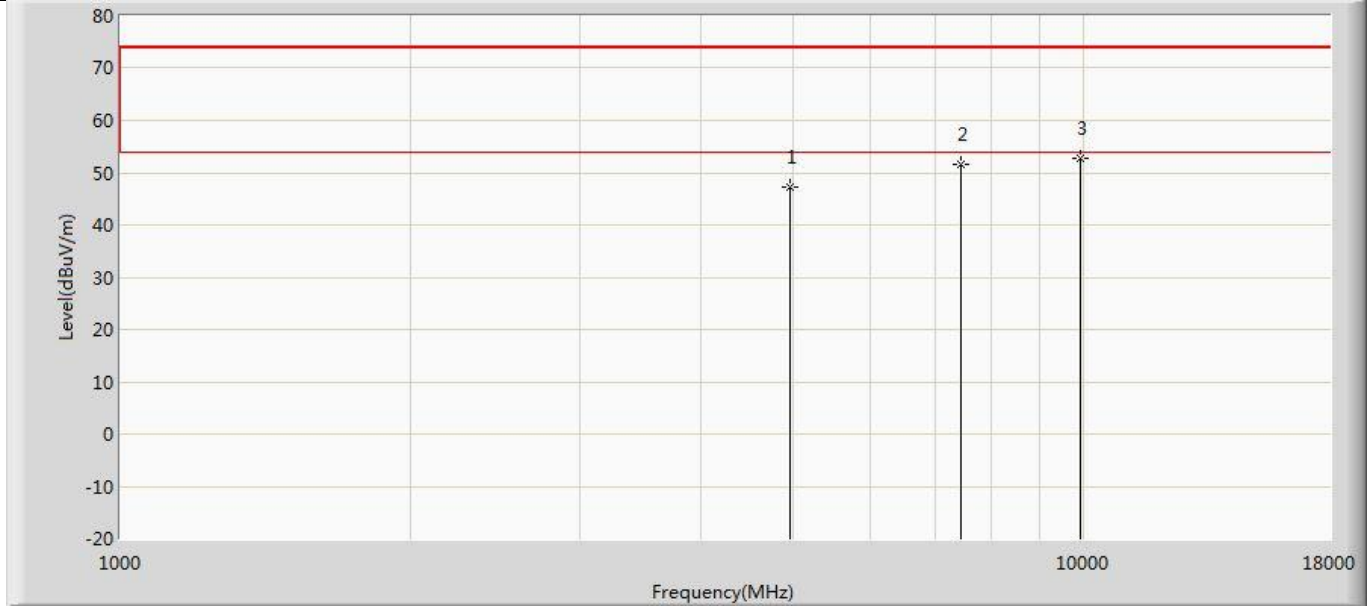
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4876.000 | 47.614 | 58.041 | -26.386 | 74.000 | -10.427 | PK |
| 2 | | 7324.000 | 51.321 | 58.156 | -22.679 | 74.000 | -6.835 | PK |
| 3 | * | 9760.000 | 51.364 | 54.237 | -22.636 | 74.000 | -2.874 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 32 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:24 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps | |



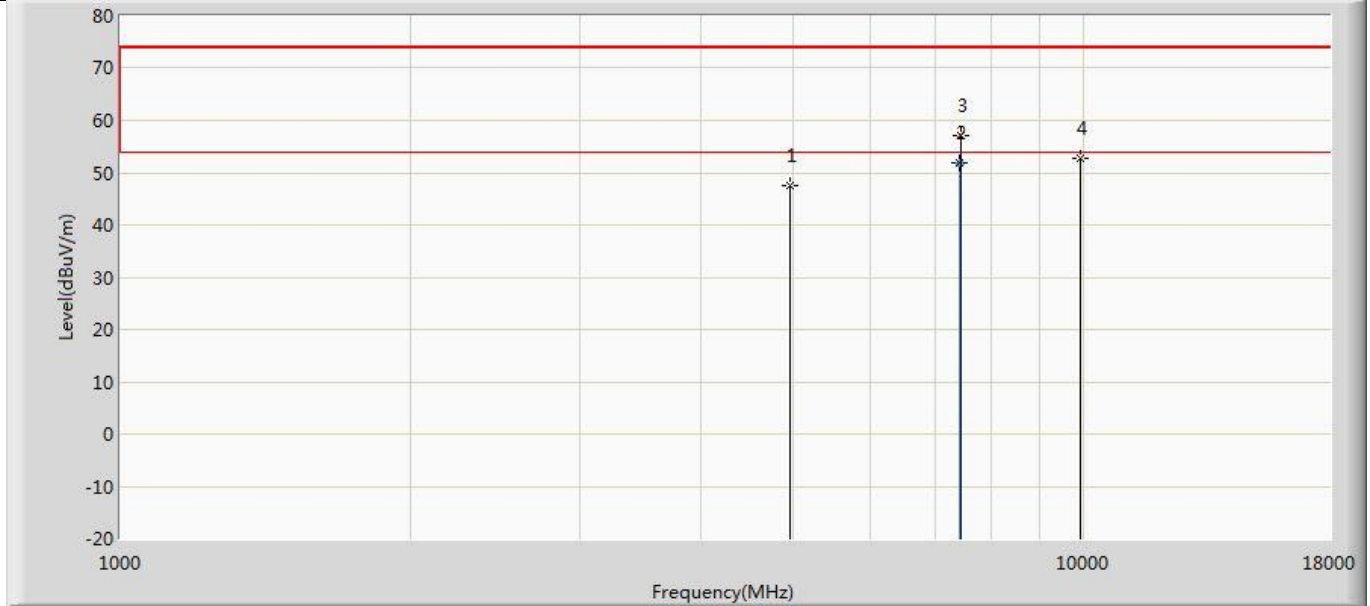
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4876.000 | 46.689 | 57.116 | -27.311 | 74.000 | -10.427 | PK |
| 2 | * | 7319.300 | 47.568 | 54.511 | -6.432 | 54.000 | -6.943 | AV |
| 3 | | 7324.000 | 53.397 | 60.232 | -20.603 | 74.000 | -6.835 | PK |
| 4 | | 9760.000 | 51.336 | 54.209 | -22.664 | 74.000 | -2.874 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 33 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps | |



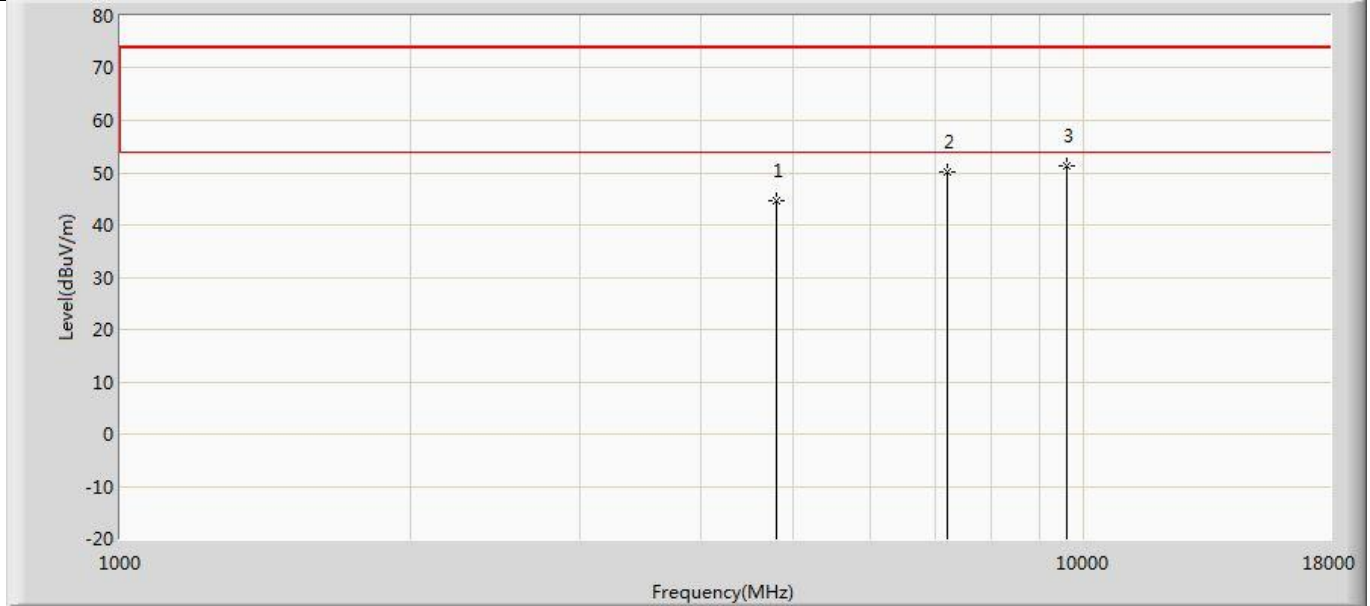
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 47.293 | 57.999 | -26.707 | 74.000 | -10.707 | PK |
| 2 | | 7443.000 | 51.584 | 58.341 | -22.416 | 74.000 | -6.757 | PK |
| 3 | * | 9920.000 | 52.870 | 54.692 | -21.130 | 74.000 | -1.821 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 34 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps | |



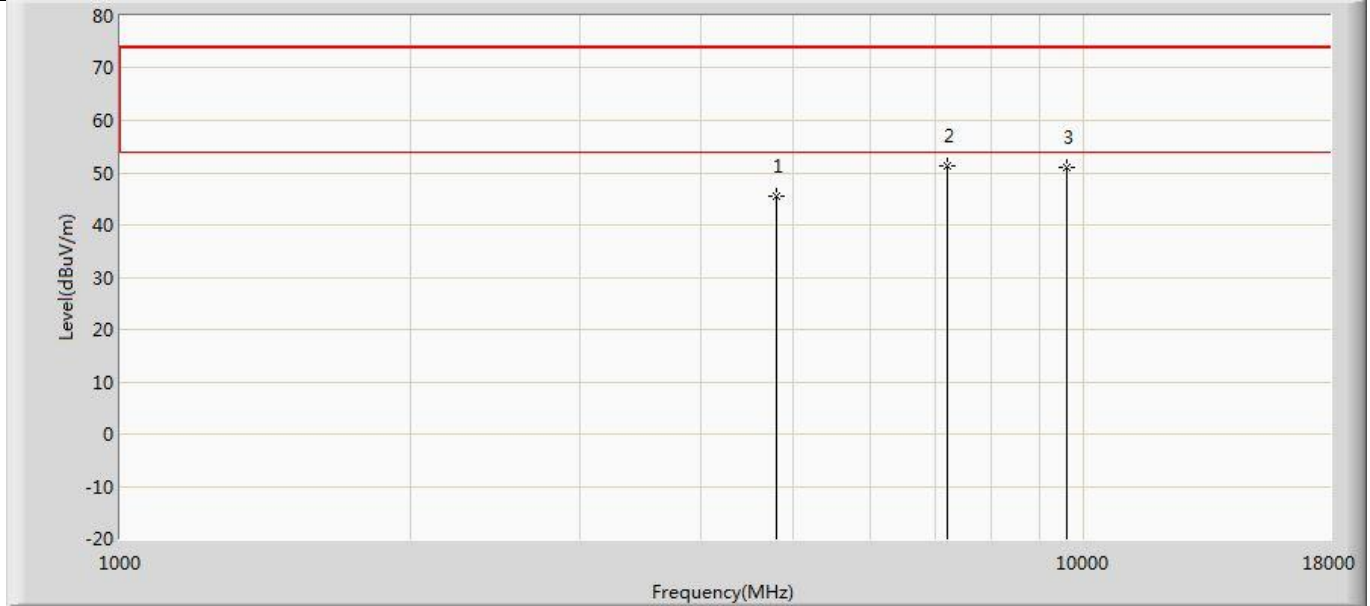
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4961.000 | 47.453 | 58.124 | -26.547 | 74.000 | -10.671 | PK |
| 2 | * | 7439.380 | 51.889 | 58.672 | -2.111 | 54.000 | -6.783 | AV |
| 3 | | 7443.000 | 57.107 | 63.864 | -16.893 | 74.000 | -6.757 | PK |
| 4 | | 9920.000 | 52.856 | 54.678 | -21.144 | 74.000 | -1.821 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 35 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 2 : Transmit at 2402MHz by LE_2Mbps | |



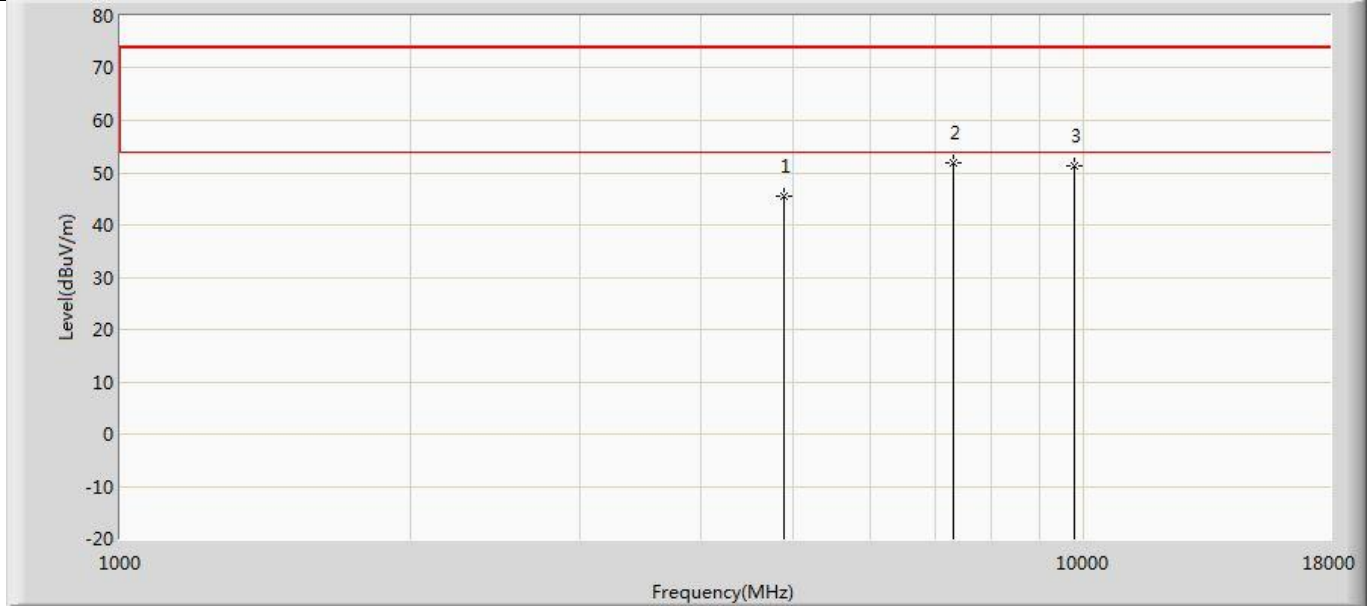
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4804.000 | 44.516 | 56.404 | -29.484 | 74.000 | -11.888 | PK |
| 2 | | 7205.000 | 50.248 | 56.398 | -23.752 | 74.000 | -6.150 | PK |
| 3 | * | 9608.000 | 51.407 | 54.630 | -22.593 | 74.000 | -3.222 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 36 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 2 : Transmit at 2402MHz by LE_2Mbps | |



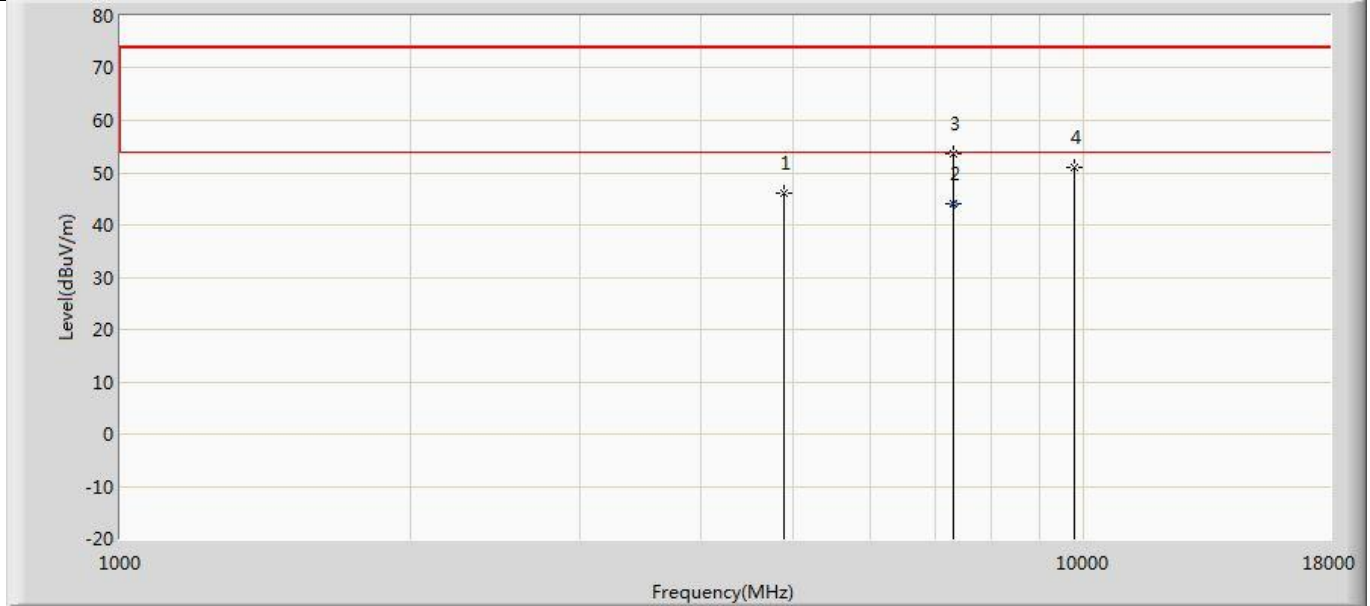
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4804.000 | 45.389 | 57.277 | -28.611 | 74.000 | -11.888 | PK |
| 2 | * | 7205.000 | 51.287 | 57.437 | -22.713 | 74.000 | -6.150 | PK |
| 3 | | 9608.000 | 50.891 | 54.114 | -23.109 | 74.000 | -3.222 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 37 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 2 : Transmit at 2440MHz by LE_2Mbps | |



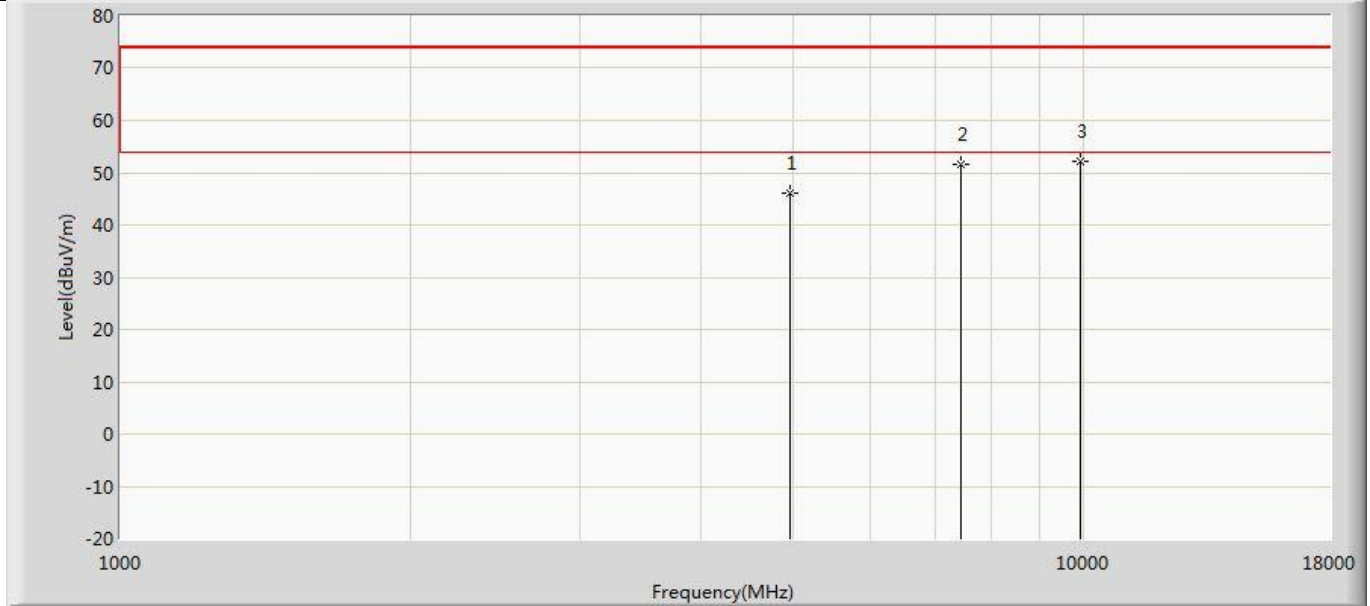
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4880.000 | 45.460 | 56.064 | -28.540 | 74.000 | -10.603 | PK |
| 2 | * | 7324.000 | 51.797 | 58.632 | -22.203 | 74.000 | -6.835 | PK |
| 3 | | 9760.000 | 51.202 | 54.075 | -22.798 | 74.000 | -2.874 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 38 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 2 : Transmit at 2440MHz by LE_2Mbps | |



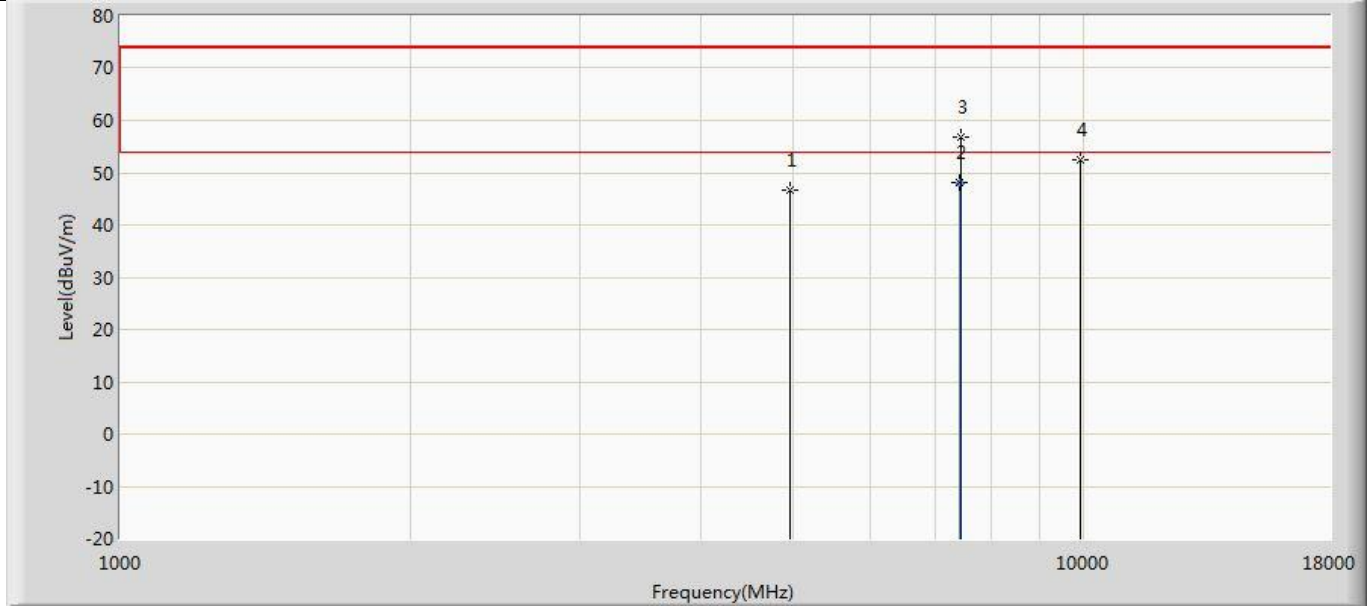
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4880.000 | 46.032 | 56.636 | -27.968 | 74.000 | -10.603 | PK |
| 2 | * | 7318.540 | 44.156 | 51.117 | -9.844 | 54.000 | -6.961 | AV |
| 3 | | 7324.000 | 53.489 | 60.324 | -20.511 | 74.000 | -6.835 | PK |
| 4 | | 9760.000 | 51.074 | 53.947 | -22.926 | 74.000 | -2.874 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 39 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 2 : Transmit at 2480MHz by LE_2Mbps | |



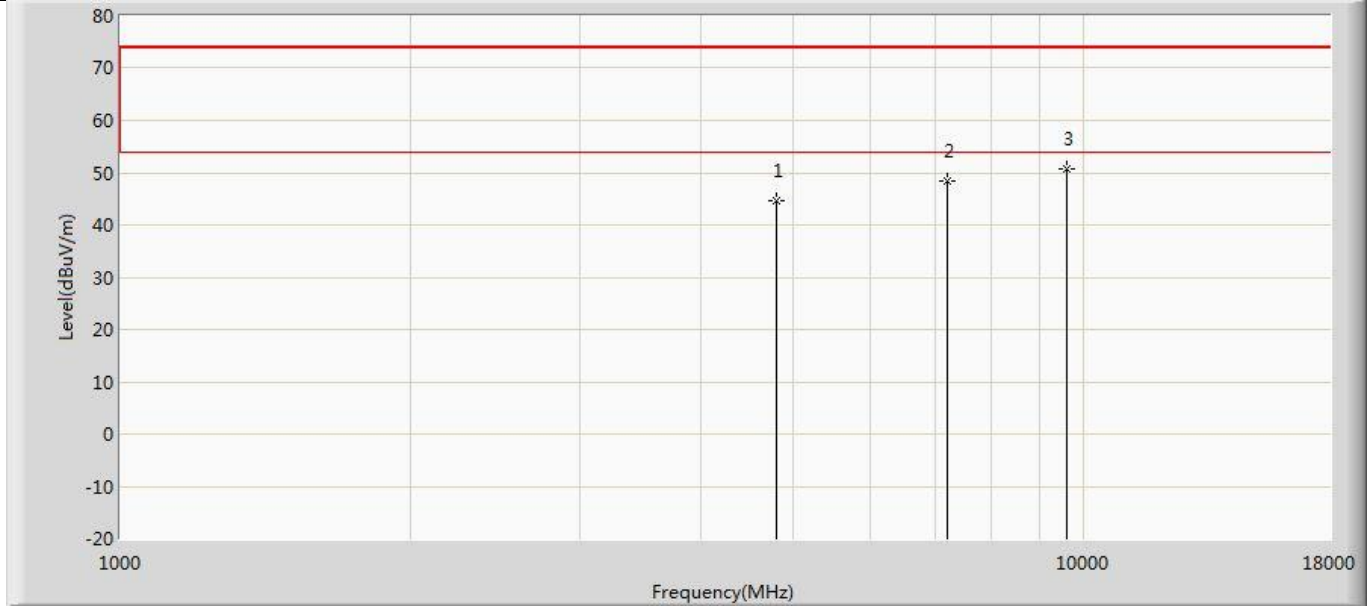
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 45.971 | 56.677 | -28.029 | 74.000 | -10.707 | PK |
| 2 | | 7443.000 | 51.678 | 58.435 | -22.322 | 74.000 | -6.757 | PK |
| 3 | * | 9920.000 | 52.174 | 53.996 | -21.826 | 74.000 | -1.821 | PK |

| | |
|---|--------------------------|
| Profile: 2440634R | Page No.: 40 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 2 : Transmit at 2480MHz by LE_2Mbps | |



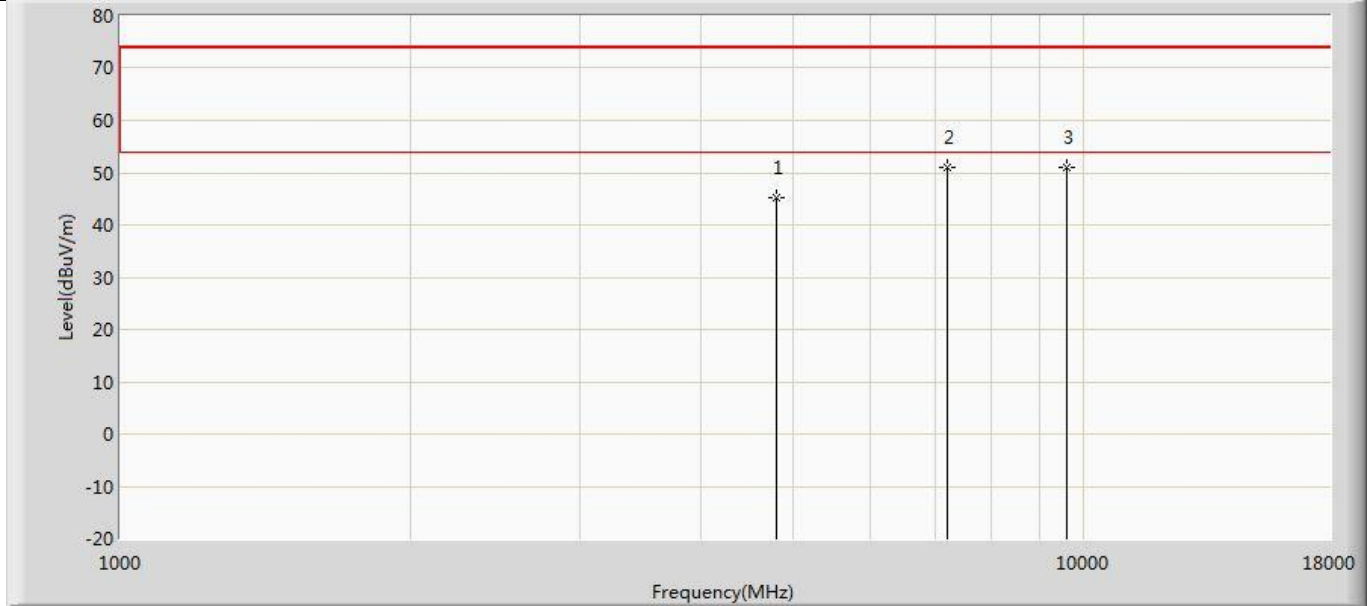
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 46.750 | 57.456 | -27.250 | 74.000 | -10.707 | PK |
| 2 | * | 7438.640 | 48.181 | 54.969 | -5.819 | 54.000 | -6.788 | AV |
| 3 | | 7443.000 | 56.784 | 63.541 | -17.216 | 74.000 | -6.757 | PK |
| 4 | | 9920.000 | 52.334 | 54.156 | -21.666 | 74.000 | -1.821 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 41 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 3 : Transmit at 2402MHz by LE_Coded S=8 | |



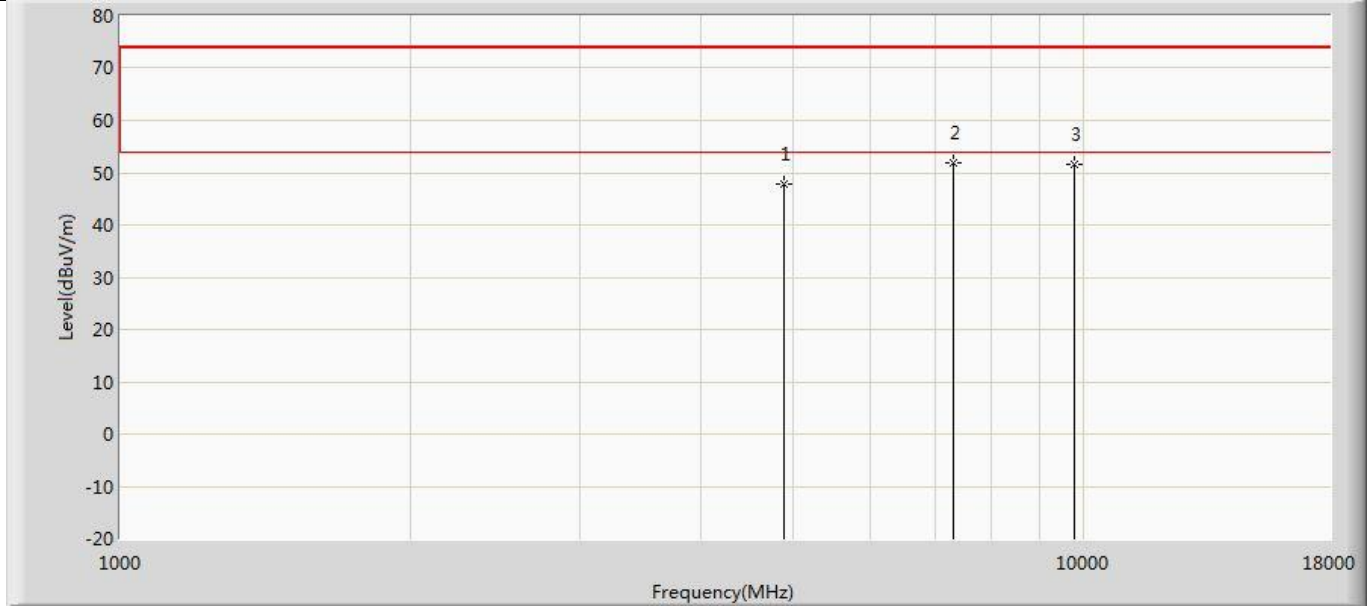
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4804.000 | 44.551 | 56.439 | -29.449 | 74.000 | -11.888 | PK |
| 2 | | 7206.000 | 48.330 | 54.496 | -25.670 | 74.000 | -6.166 | PK |
| 3 | * | 9608.000 | 50.650 | 53.873 | -23.350 | 74.000 | -3.222 | PK |

| | |
|--|--------------------------|
| Profile: 2440634R | Page No.: 42 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 3 : Transmit at 2402MHz by LE_Coded S=8 | |



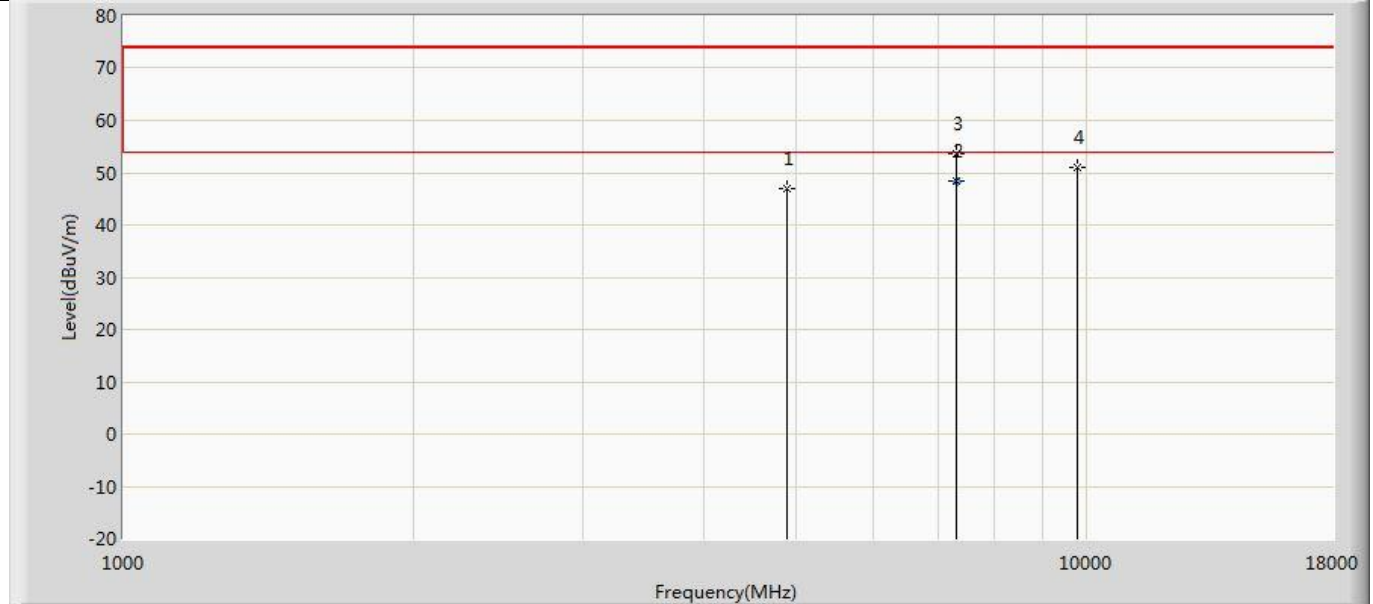
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4804.000 | 45.103 | 56.991 | -28.897 | 74.000 | -11.888 | PK |
| 2 | | 7205.000 | 51.082 | 57.232 | -22.918 | 74.000 | -6.150 | PK |
| 3 | * | 9608.000 | 51.105 | 54.328 | -22.895 | 74.000 | -3.222 | PK |

| | |
|--|--------------------------|
| Profile: 2440634R | Page No.: 43 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 3 : Transmit at 2440MHz by LE_Coded S=8 | |



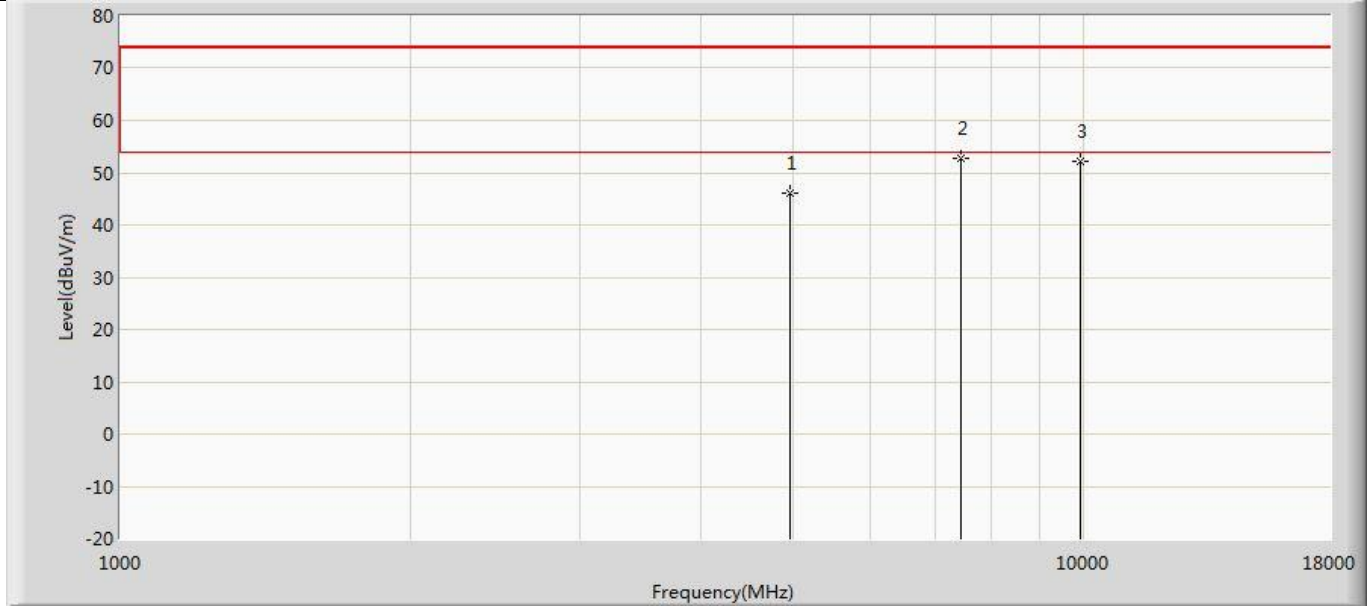
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4876.000 | 47.766 | 58.193 | -26.234 | 74.000 | -10.427 | PK |
| 2 | * | 7324.000 | 51.963 | 58.798 | -22.037 | 74.000 | -6.835 | PK |
| 3 | | 9760.000 | 51.622 | 54.495 | -22.378 | 74.000 | -2.874 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 44 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 3 : Transmit at 2440MHz by LE_Coded S=8 | |



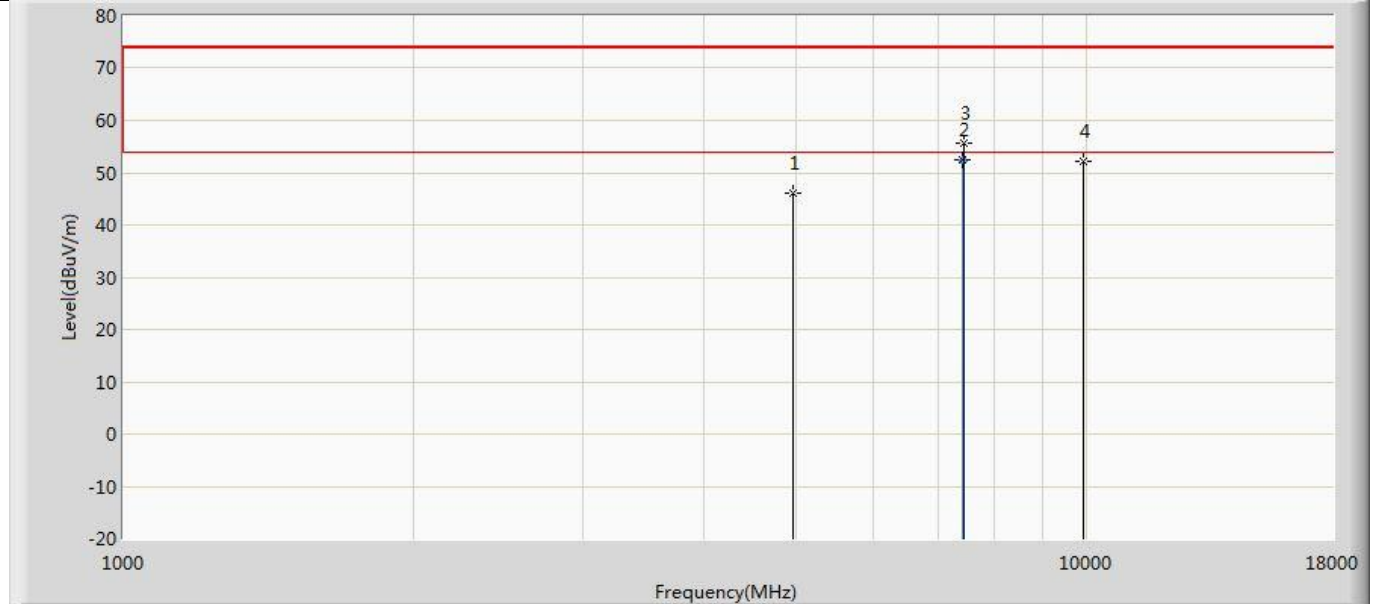
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4876.000 | 47.017 | 57.444 | -26.983 | 74.000 | -10.427 | PK |
| 2 | * | 7320.680 | 48.344 | 55.256 | -5.656 | 54.000 | -6.912 | AV |
| 3 | | 7324.000 | 53.596 | 60.431 | -20.404 | 74.000 | -6.835 | PK |
| 4 | | 9760.000 | 50.922 | 53.795 | -23.078 | 74.000 | -2.874 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 45 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 3 : Transmit at 2480MHz by LE_Coded S=8 | |



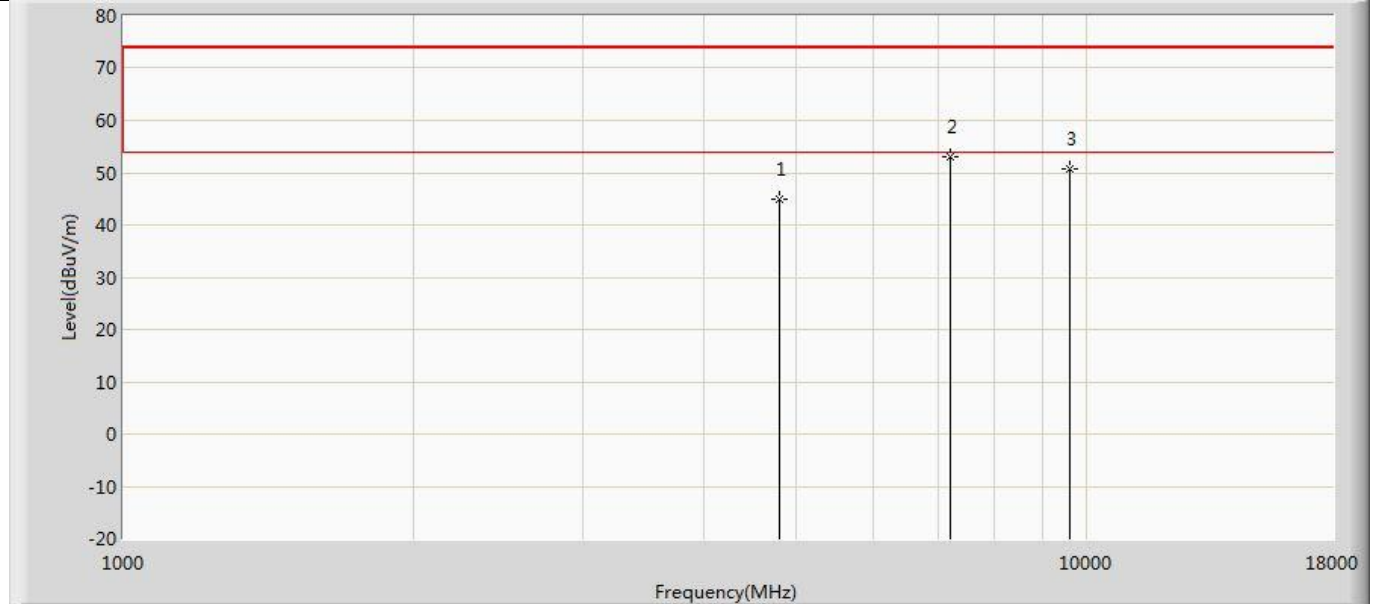
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 45.962 | 56.668 | -28.038 | 74.000 | -10.707 | PK |
| 2 | * | 7443.000 | 52.850 | 59.607 | -21.150 | 74.000 | -6.757 | PK |
| 3 | | 9920.000 | 52.090 | 53.912 | -21.910 | 74.000 | -1.821 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 46 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 3 : Transmit at 2480MHz by LE_Coded S=8 | |



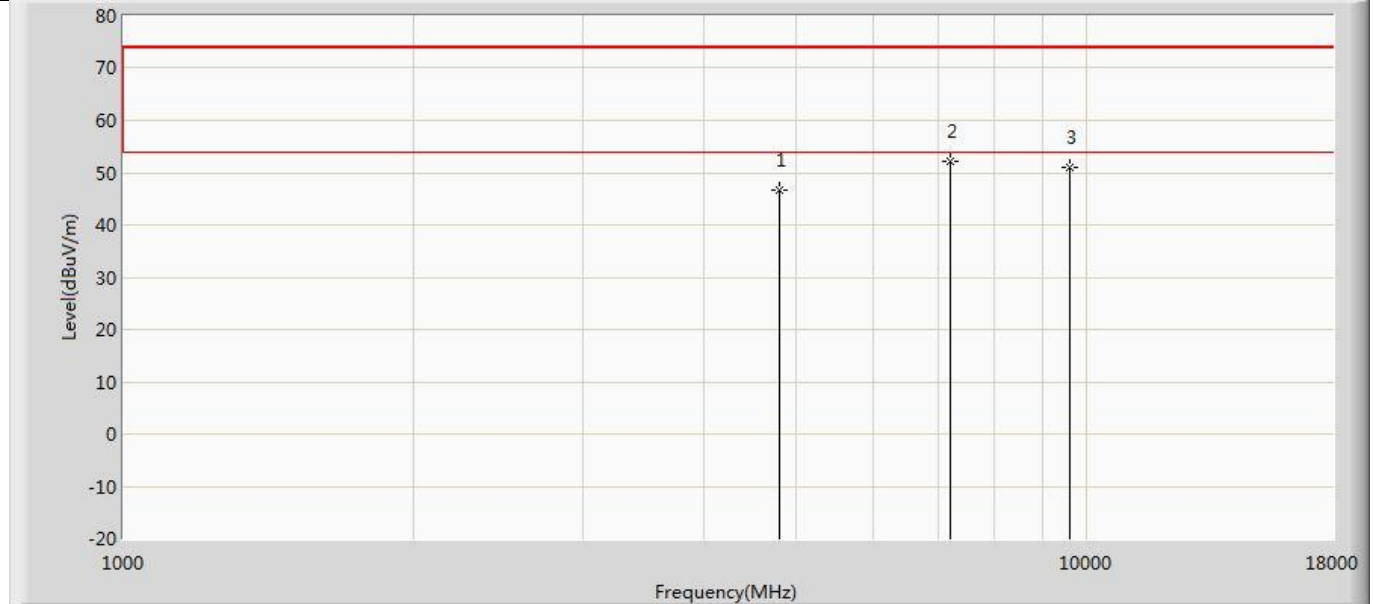
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 46.203 | 56.909 | -27.797 | 74.000 | -10.707 | PK |
| 2 | * | 7439.320 | 52.444 | 59.227 | -1.556 | 54.000 | -6.783 | AV |
| 3 | | 7443.000 | 55.657 | 62.414 | -18.343 | 74.000 | -6.757 | PK |
| 4 | | 9920.000 | 52.201 | 54.023 | -21.799 | 74.000 | -1.821 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 47 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2402MHz by LE_Coded S=2 | |



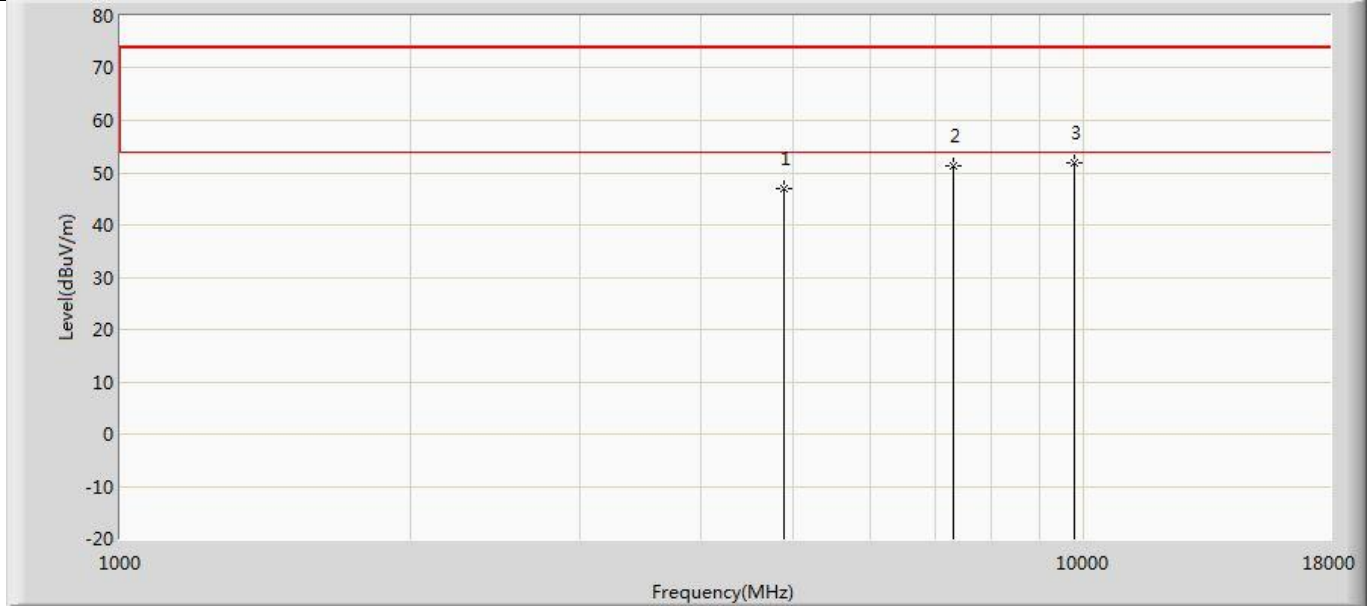
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4804.000 | 44.897 | 56.785 | -29.103 | 74.000 | -11.888 | PK |
| 2 | * | 7205.000 | 53.186 | 59.336 | -20.814 | 74.000 | -6.150 | PK |
| 3 | | 9608.000 | 50.733 | 53.956 | -23.267 | 74.000 | -3.222 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 48 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2402MHz by LE_Coded S=2 | |



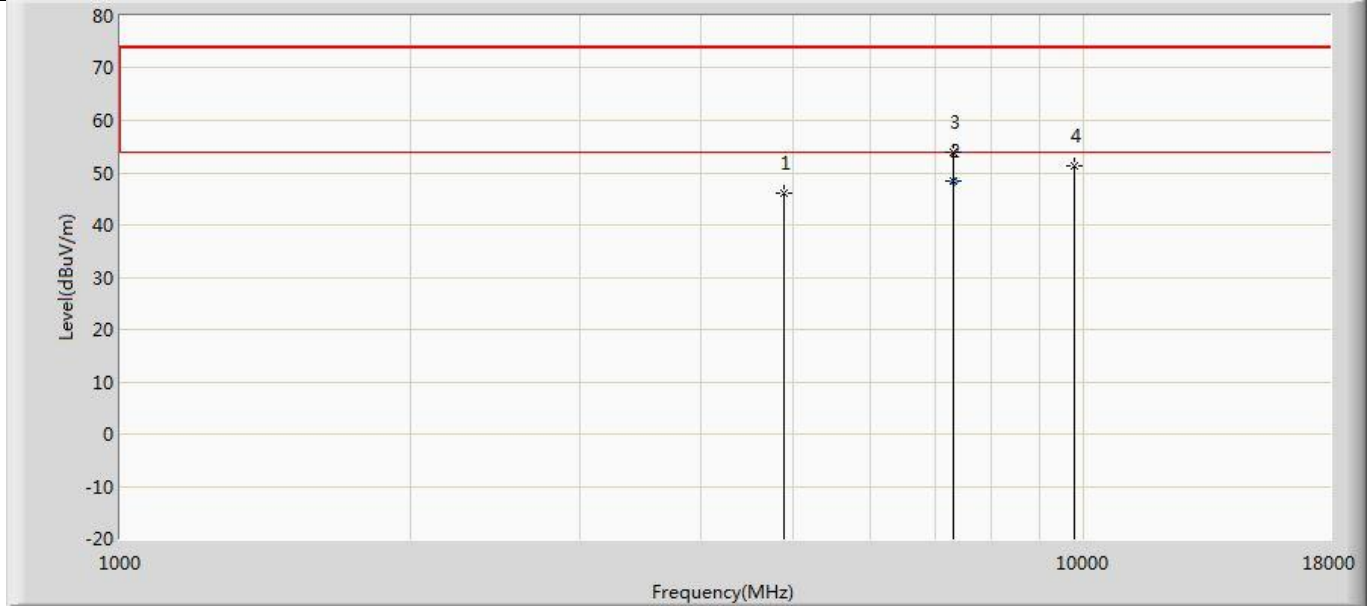
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4804.000 | 46.790 | 58.678 | -27.210 | 74.000 | -11.888 | PK |
| 2 | * | 7205.000 | 52.161 | 58.311 | -21.839 | 74.000 | -6.150 | PK |
| 3 | | 9608.000 | 50.892 | 54.115 | -23.108 | 74.000 | -3.222 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 49 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:25 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2440MHz by LE_Coded S=2 | |



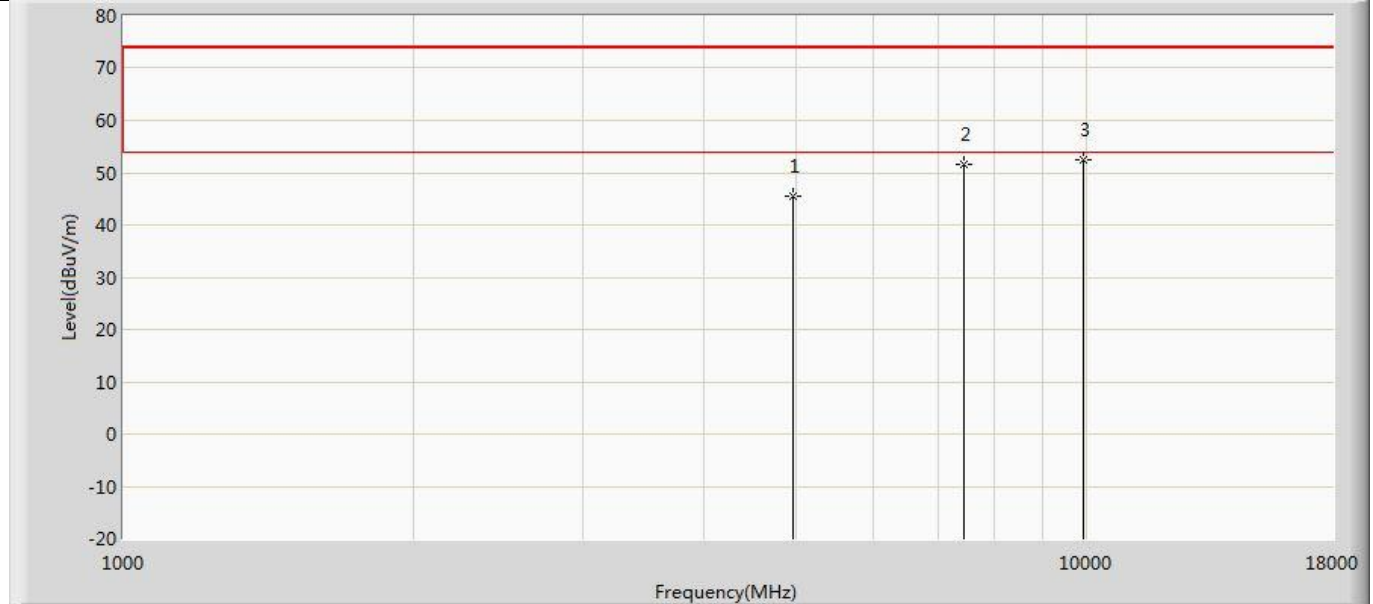
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4876.000 | 47.037 | 57.464 | -26.963 | 74.000 | -10.427 | PK |
| 2 | | 7324.000 | 51.186 | 58.021 | -22.814 | 74.000 | -6.835 | PK |
| 3 | * | 9760.000 | 51.796 | 54.669 | -22.204 | 74.000 | -2.874 | PK |

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| Profile: 2440634R | Page No.: 50 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:26 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2440MHz by LE_Coded S=2 | |



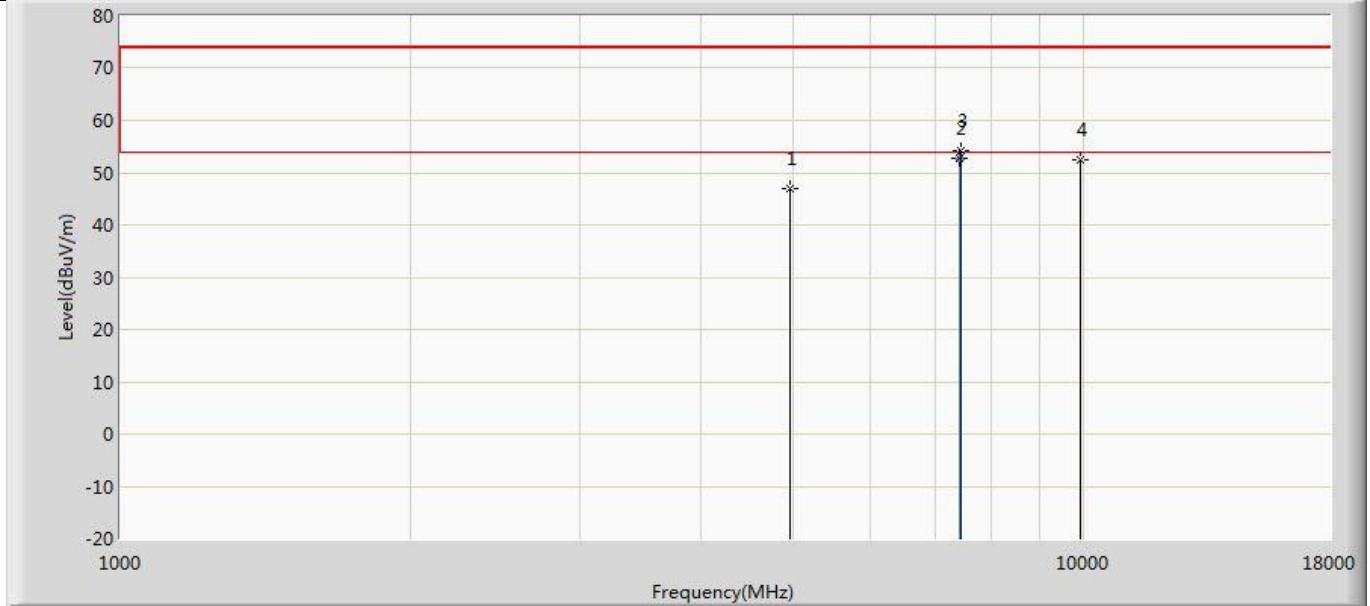
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4880.000 | 46.001 | 56.605 | -27.999 | 74.000 | -10.603 | PK |
| 2 | * | 7319.300 | 48.501 | 55.444 | -5.499 | 54.000 | -6.943 | AV |
| 3 | | 7324.000 | 53.944 | 60.779 | -20.056 | 74.000 | -6.835 | PK |
| 4 | | 9760.000 | 51.314 | 54.187 | -22.686 | 74.000 | -2.874 | PK |

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| Profile: 2440634R | Page No.: 51 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:26 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=2 | |



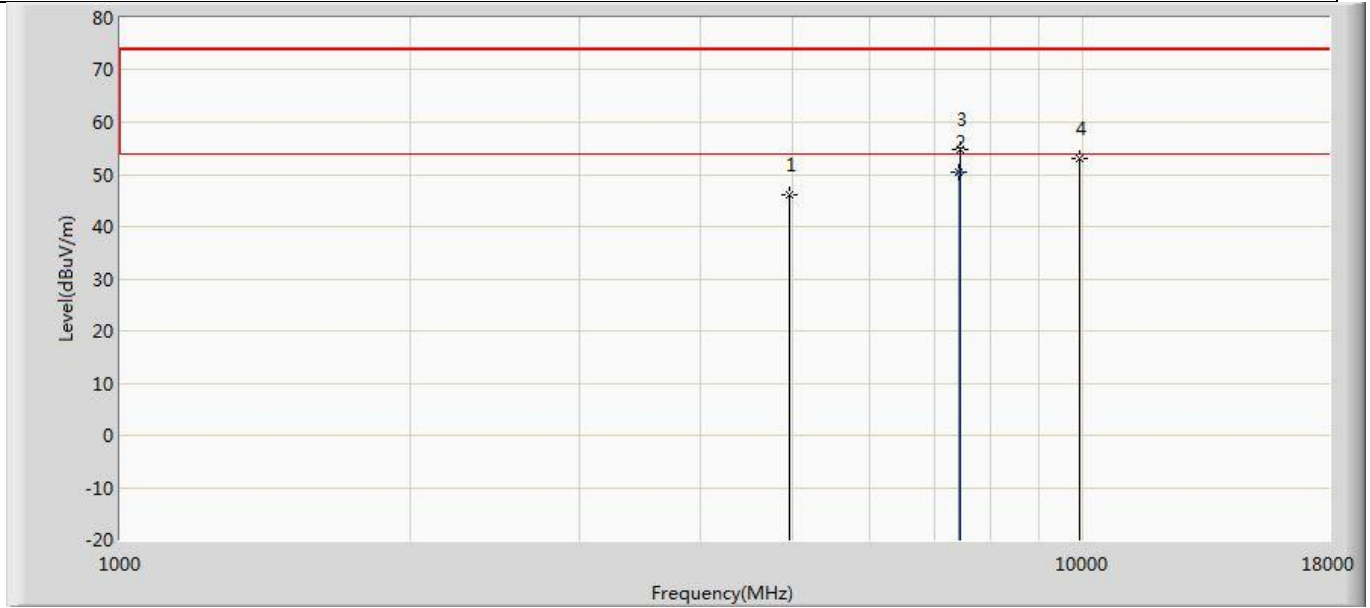
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 45.527 | 56.233 | -28.473 | 74.000 | -10.707 | PK |
| 2 | | 7443.000 | 51.450 | 58.207 | -22.550 | 74.000 | -6.757 | PK |
| 3 | * | 9920.000 | 52.528 | 54.350 | -21.472 | 74.000 | -1.821 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 52 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:26 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EFI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=2 | |



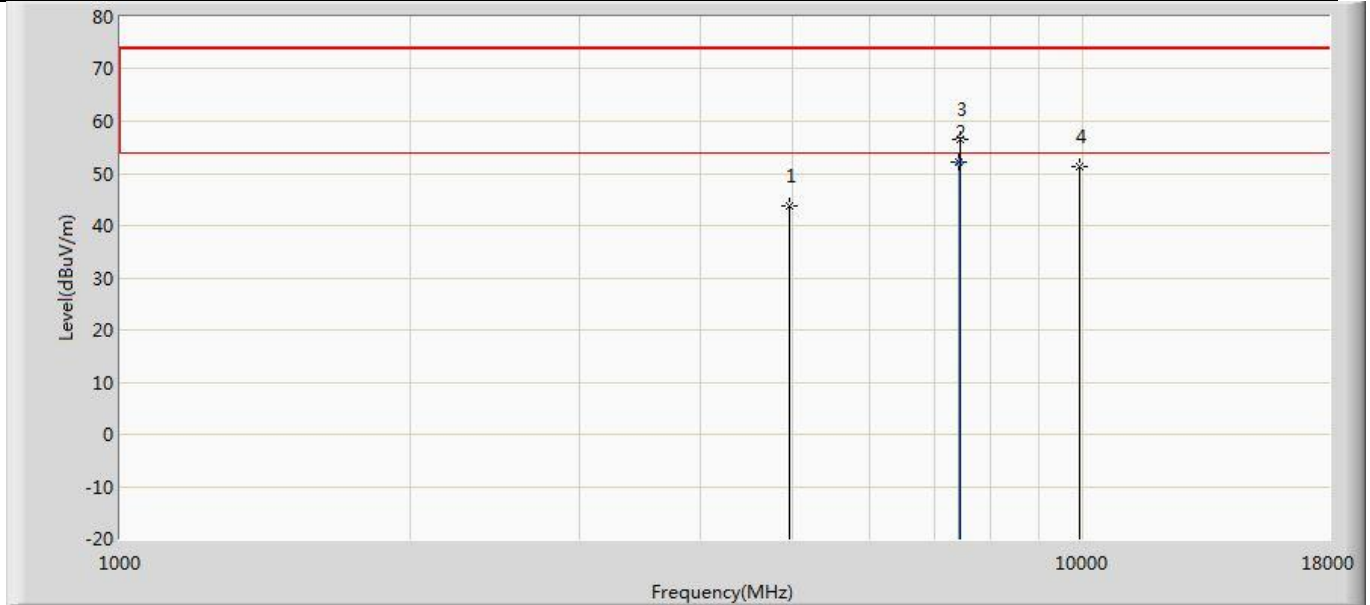
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 46.850 | 57.556 | -27.150 | 74.000 | -10.707 | PK |
| 2 | * | 7439.340 | 52.812 | 59.595 | -1.188 | 54.000 | -6.783 | AV |
| 3 | | 7443.000 | 54.203 | 60.960 | -19.797 | 74.000 | -6.757 | PK |
| 4 | | 9920.000 | 52.478 | 54.300 | -21.522 | 74.000 | -1.821 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 55 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:26 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EPI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=2 | |



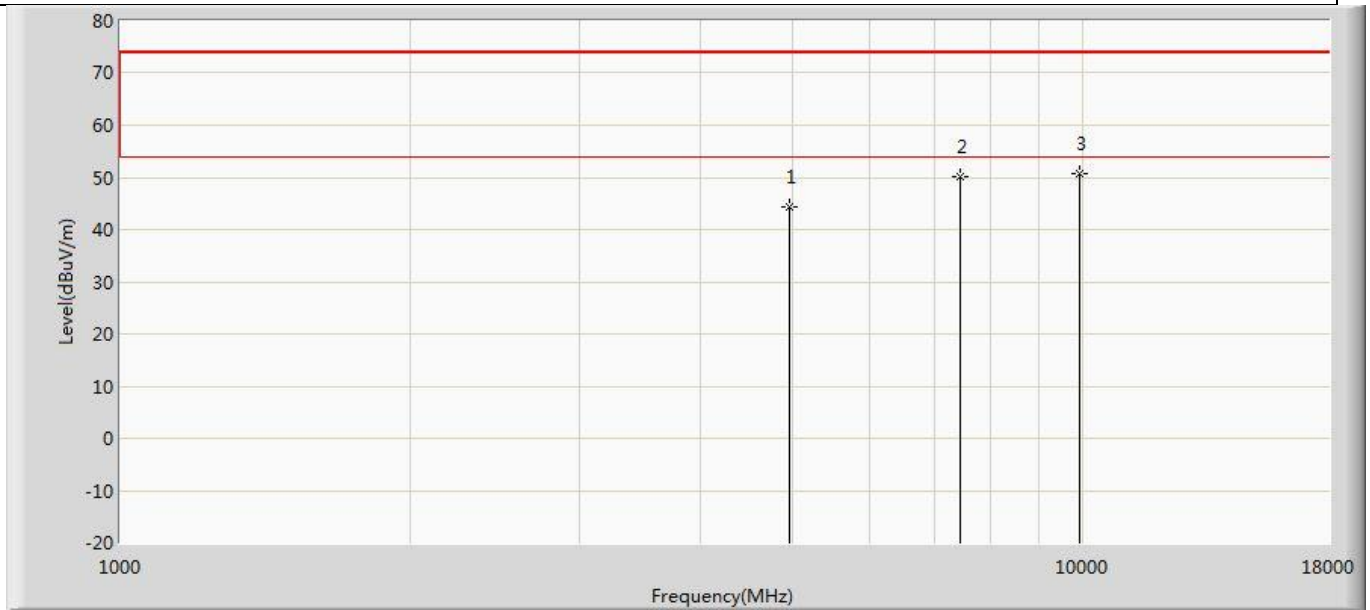
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4961.000 | 46.167 | 56.838 | -27.833 | 74.000 | -10.671 | PK |
| 2 | * | 7440.580 | 50.406 | 57.180 | -3.594 | 54.000 | -6.775 | AV |
| 3 | | 7443.000 | 54.907 | 61.664 | -19.093 | 74.000 | -6.757 | PK |
| 4 | | 9925.000 | 53.177 | 55.101 | -20.823 | 74.000 | -1.924 | PK |

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| Profile: 2440634R | Page No.: 56 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:26 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4EPI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=2 | |



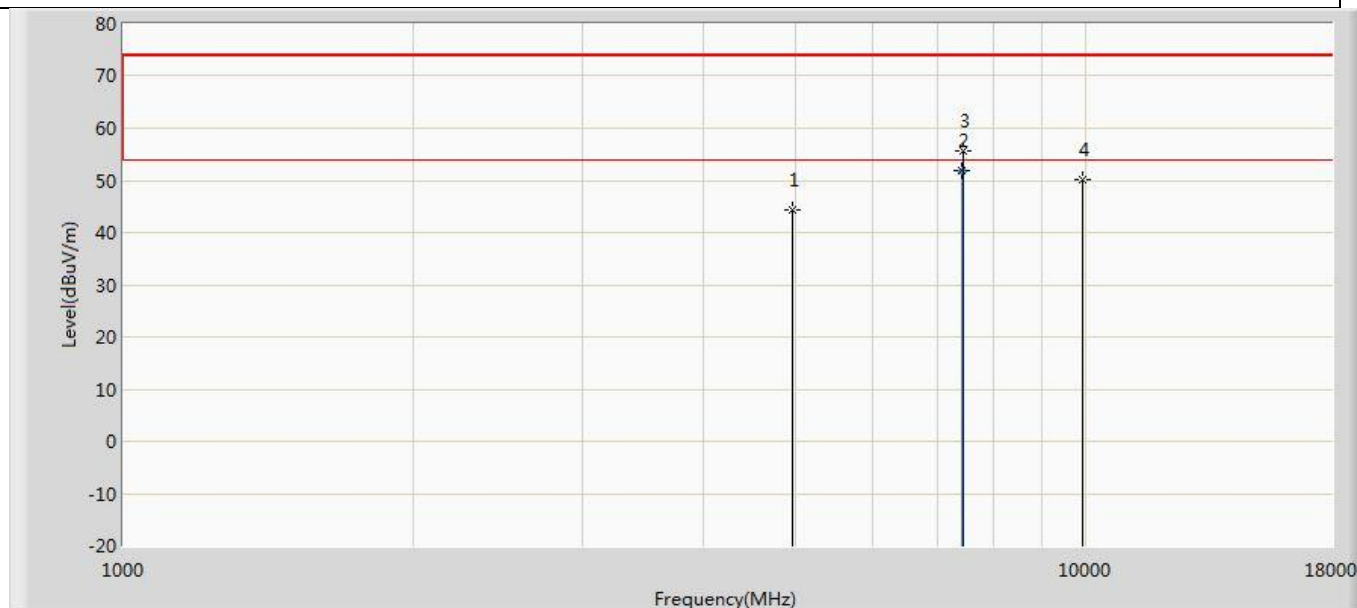
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 43.652 | 54.358 | -30.348 | 74.000 | -10.707 | PK |
| 2 | * | 7439.220 | 52.196 | 58.980 | -1.804 | 54.000 | -6.784 | AV |
| 3 | | 7443.000 | 56.446 | 63.203 | -17.554 | 74.000 | -6.757 | PK |
| 4 | | 9920.000 | 51.412 | 53.234 | -22.588 | 74.000 | -1.821 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 59 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:27 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4TAI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=2 | |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 44.450 | 55.156 | -29.550 | 74.000 | -10.707 | PK |
| 2 | | 7443.000 | 50.197 | 56.954 | -23.803 | 74.000 | -6.757 | PK |
| 3 | * | 9920.000 | 50.640 | 52.462 | -23.360 | 74.000 | -1.821 | PK |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 60 |
| Engineer: Pengchengyang | |
| Site: AC5 | Time: 2024/05/25 - 18:28 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0 |
| Probe: Horn_3117_00167055(1-18GHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module(CYW20829-P4TAI200) | Power: DC 3.3 Vdc |
| Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=2 | |



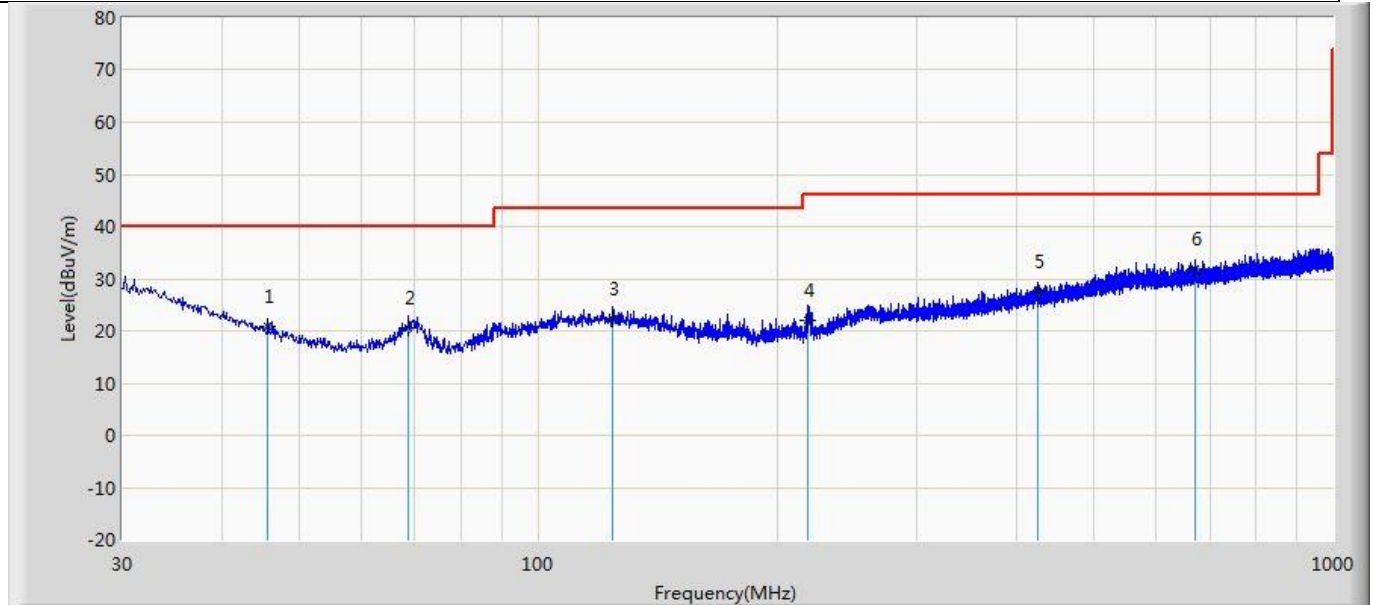
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 4960.000 | 44.357 | 55.063 | -29.643 | 74.000 | -10.707 | PK |
| 2 | * | 7439.240 | 51.906 | 58.690 | -2.094 | 54.000 | -6.784 | AV |
| 3 | | 7443.000 | 55.780 | 62.537 | -18.220 | 74.000 | -6.757 | PK |
| 4 | | 9920.000 | 50.236 | 52.058 | -23.764 | 74.000 | -1.821 | PK |

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp). Test Photograph.
3. We evaluated and tested three antennas, and the report showed the full data for the worst antenna, while the other two showed only the data for the worst mode.
3. We evaluated and tested three antennas, and the report showed the full data for the worst antenna, while the other two showed only the data for the worst mode.

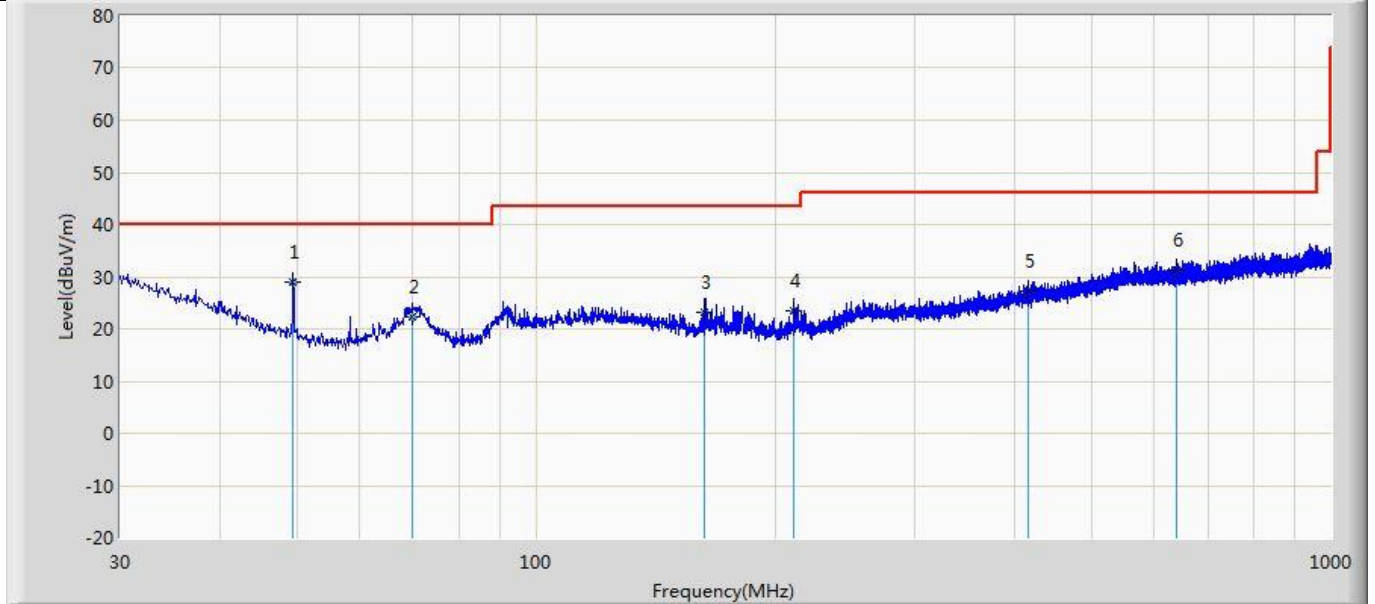
The worst case of Radiated Emission below 1GHz :

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|--|--------------------------|
| Profile: 2440634R | Page No.: 131 |
| Engineer: Pengchengyang | |
| Site: AC2 | Time: 2024/05/25 - 08:13 |
| Limit: FCC_Part 15.109_RE (3m)_Class B | Margin: 0 |
| Probe: CBL6112D_27613(30-1000MHz) | Polarity: Horizontal |
| EUT: AIROC Bluetooth LE Module | Power: DC 3.3 Vdc |
| Note: Mode 1 : Transmit at | |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | 45.763 | 20.952 | 4.312 | -19.048 | 40.000 | 16.640 | QP |
| 2 | | 68.800 | 20.579 | 7.603 | -19.421 | 40.000 | 12.976 | QP |
| 3 | | 124.332 | 22.355 | 3.057 | -21.145 | 43.500 | 19.298 | QP |
| 4 | | 218.301 | 22.118 | 5.619 | -23.882 | 46.000 | 16.499 | QP |
| 5 | | 425.760 | 27.653 | 3.500 | -18.347 | 46.000 | 24.153 | QP |
| 6 | * | 672.383 | 31.752 | 4.170 | -14.248 | 46.000 | 27.582 | QP |

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|--|--------------------------|
| Profile: 2440634R | Page No.: 132 |
| Engineer: Pengchengyang | |
| Site: AC2 | Time: 2024/05/25 - 08:14 |
| Limit: FCC_Part 15.109_RE (3m)_Class B | Margin: 0 |
| Probe: CBL6112D_27613(30-1000MHz) | Polarity: Vertical |
| EUT: AIROC Bluetooth LE Module | Power: DC 3.3 Vdc |
| Note: Mode 1 : Transmit at | |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | * | 49.521 | 28.977 | 13.888 | -11.023 | 40.000 | 15.089 | QP |
| 2 | | 70.012 | 22.290 | 9.288 | -17.710 | 40.000 | 13.001 | QP |
| 3 | | 163.133 | 23.190 | 6.284 | -20.310 | 43.500 | 16.906 | QP |
| 4 | | 211.269 | 23.488 | 7.077 | -20.012 | 43.500 | 16.412 | QP |
| 5 | | 415.332 | 27.332 | 3.386 | -18.668 | 46.000 | 23.946 | QP |
| 6 | | 639.039 | 31.240 | 3.858 | -14.760 | 46.000 | 27.383 | QP |

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

The End