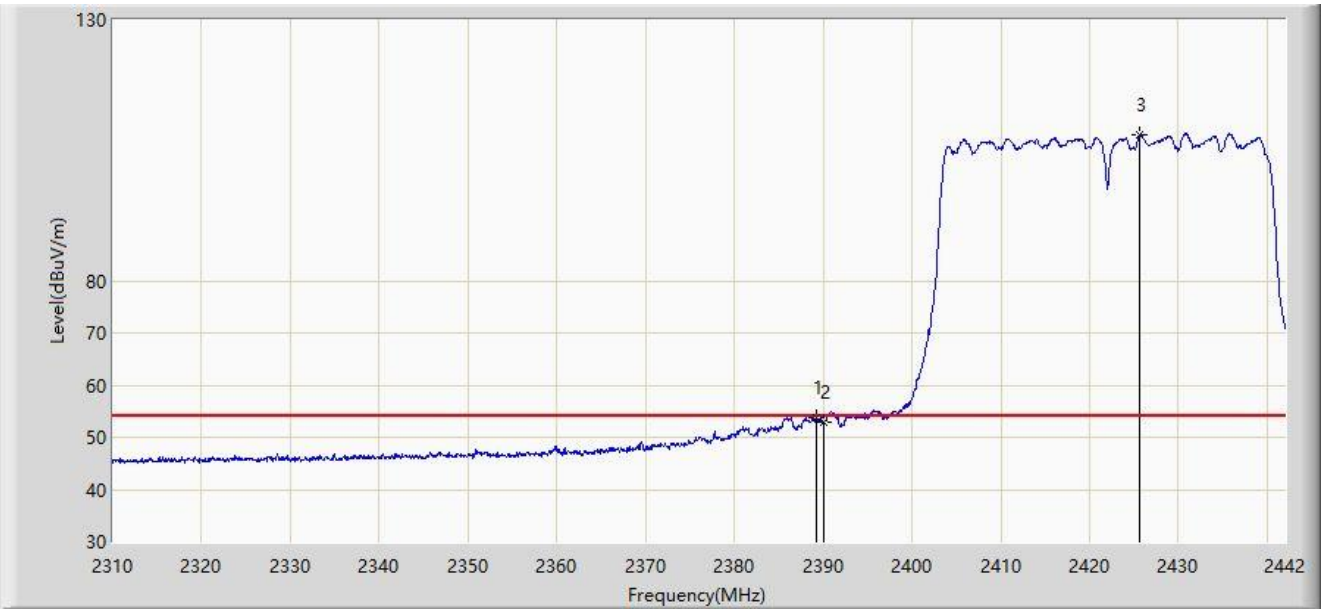
| | |
|---|---|
| Site: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2422MHz | |



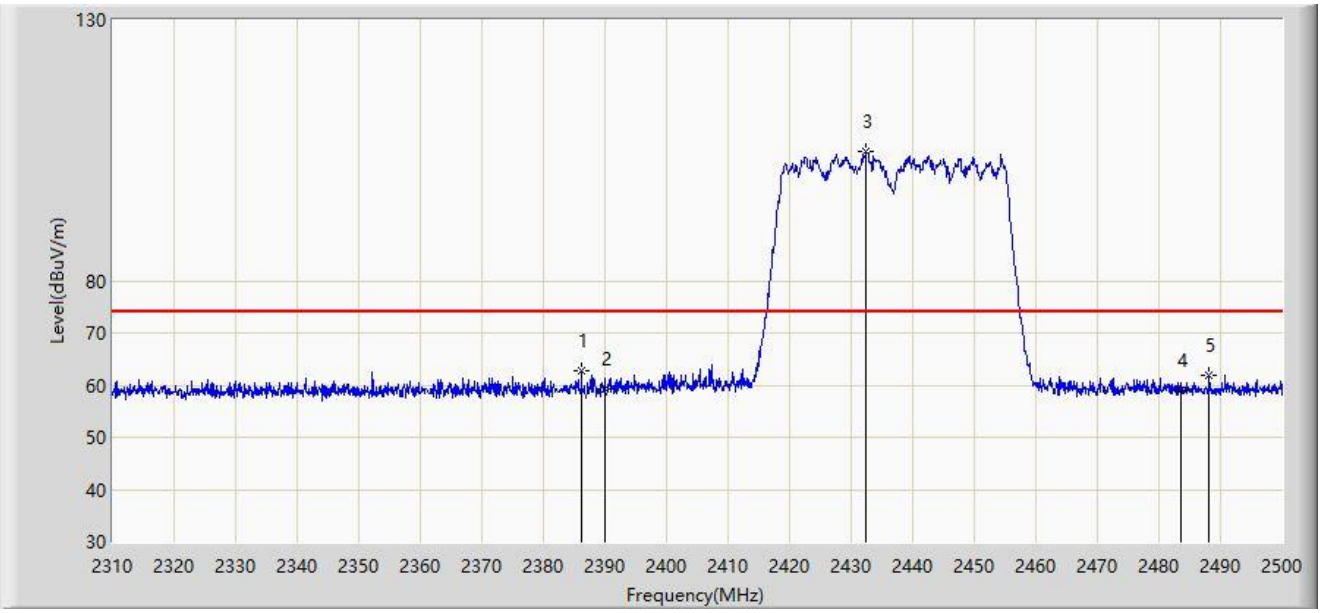

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2389.266 | 53.806 | 22.813 | -0.194 | 54.000 | 30.992 | AV |
| 2 | | 2390.000 | 52.792 | 21.800 | -1.208 | 54.000 | 30.992 | AV |
| 3 | | 2425.698 | 107.985 | 77.076 | N/A | N/A | 30.909 | 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: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2437MHz | |



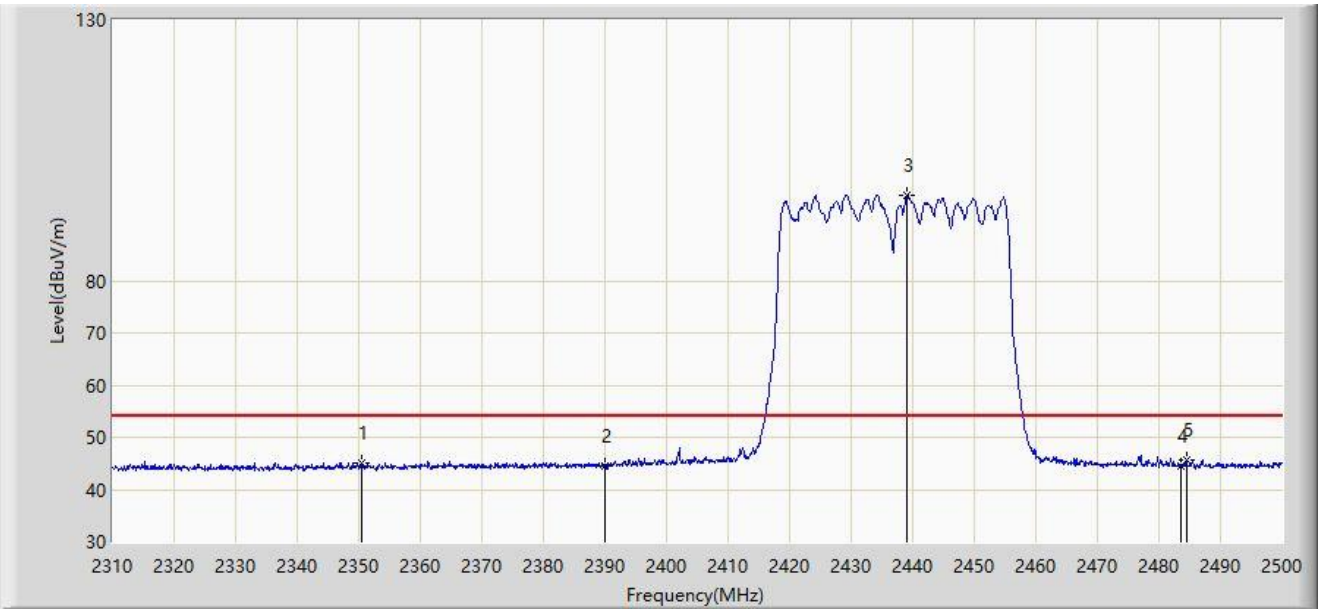

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.190 | 62.708 | 31.714 | -11.292 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 59.352 | 28.360 | -14.648 | 74.000 | 30.992 | PK |
| 3 | | 2432.455 | 104.639 | 73.756 | N/A | N/A | 30.884 | PK |
| 4 | | 2483.500 | 59.063 | 28.172 | -14.937 | 74.000 | 30.892 | PK |
| 5 | | 2488.125 | 61.781 | 30.897 | -12.219 | 74.000 | 30.884 | 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: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2437MHz | |



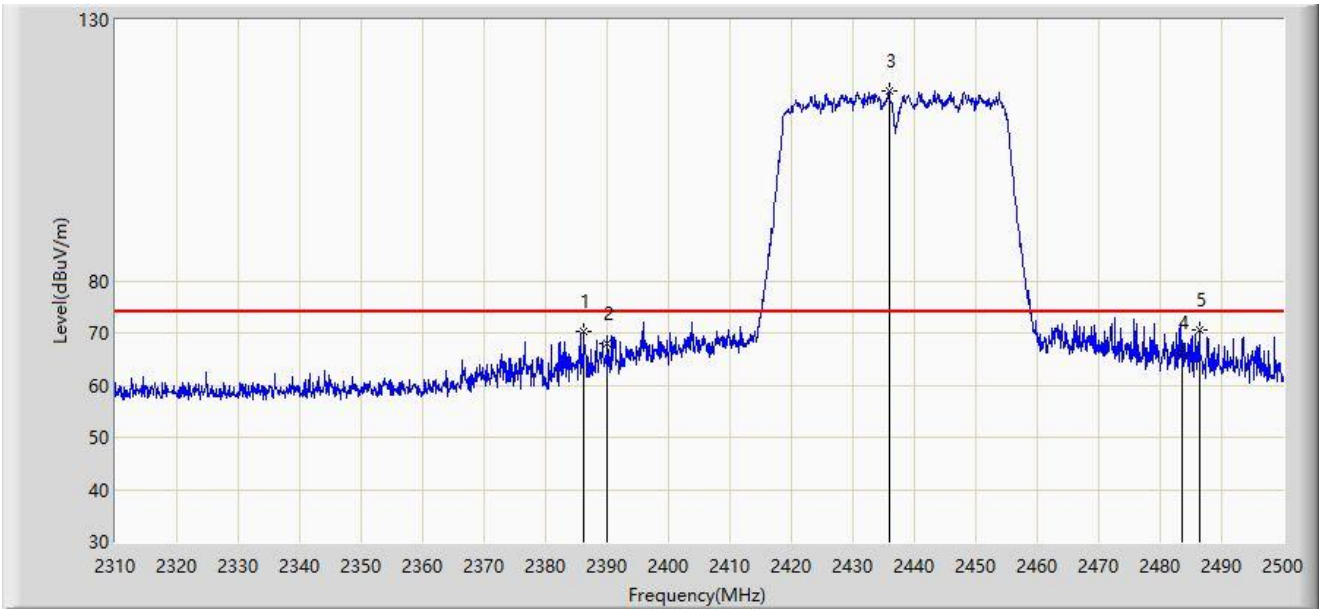

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2350.470 | 45.099 | 13.966 | -8.901 | 54.000 | 31.133 | AV |
| 2 | | 2390.000 | 44.576 | 13.584 | -9.424 | 54.000 | 30.992 | AV |
| 3 | | 2439.105 | 96.327 | 65.463 | N/A | N/A | 30.864 | AV |
| 4 | | 2483.500 | 44.559 | 13.668 | -9.441 | 54.000 | 30.892 | AV |
| 5 | * | 2484.515 | 45.718 | 14.828 | -8.282 | 54.000 | 30.890 | 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: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2437MHz | |



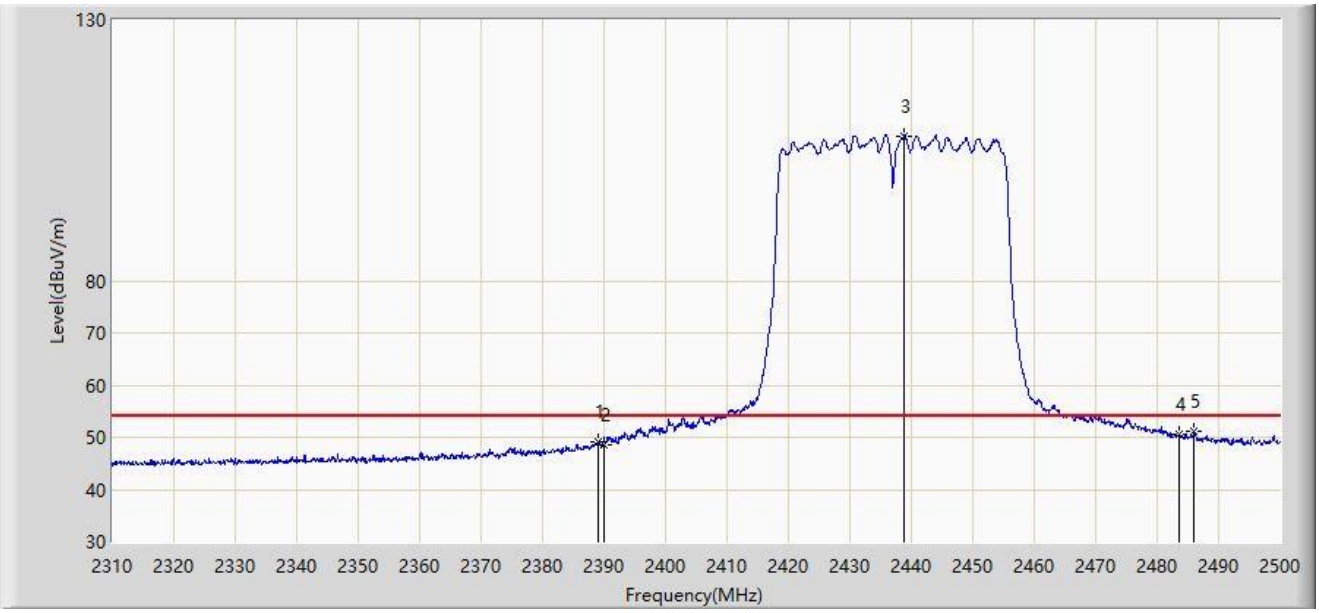

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2386.190 | 70.419 | 39.425 | -3.581 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 67.972 | 36.980 | -6.028 | 74.000 | 30.992 | PK |
| 3 | | 2435.875 | 116.260 | 85.389 | N/A | N/A | 30.872 | PK |
| 4 | | 2483.500 | 66.108 | 35.217 | -7.892 | 74.000 | 30.892 | PK |
| 5 | * | 2486.320 | 70.718 | 39.831 | -3.282 | 74.000 | 30.887 | 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: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2437MHz | |



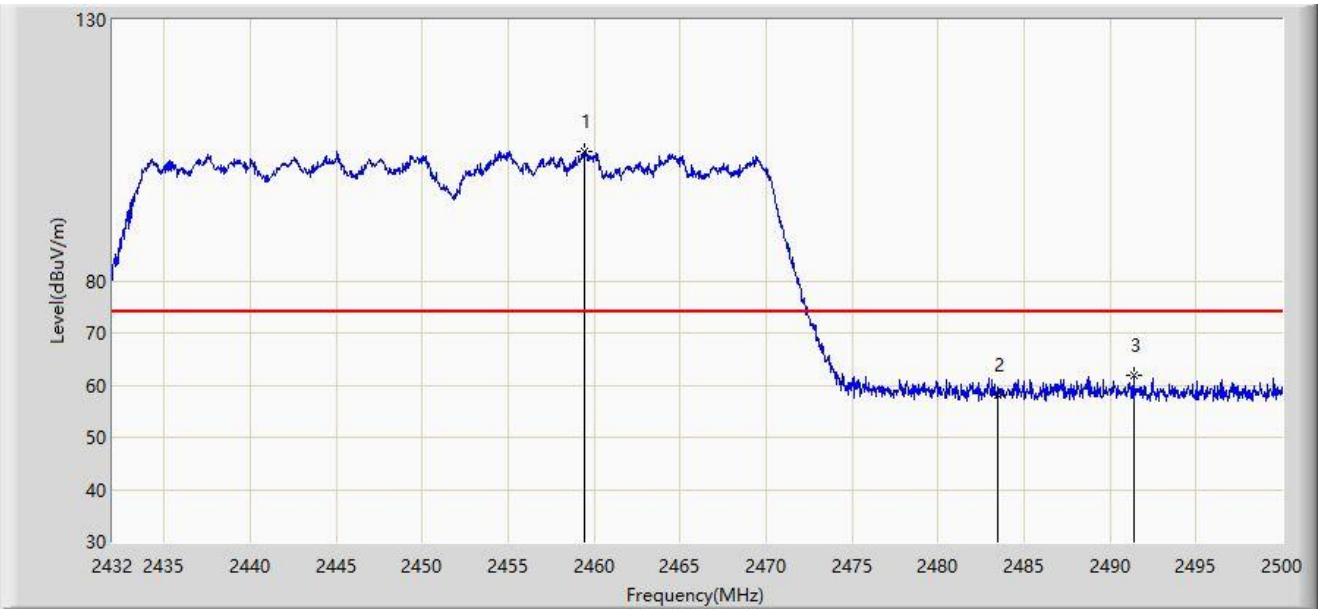

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.945 | 49.017 | 18.024 | -4.983 | 54.000 | 30.993 | AV |
| 2 | | 2390.000 | 48.471 | 17.479 | -5.529 | 54.000 | 30.992 | AV |
| 3 | | 2438.820 | 107.810 | 76.946 | N/A | N/A | 30.864 | AV |
| 4 | | 2483.500 | 50.457 | 19.566 | -3.543 | 54.000 | 30.892 | AV |
| 5 | * | 2486.035 | 51.286 | 20.399 | -2.714 | 54.000 | 30.887 | 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: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2452MHz | |



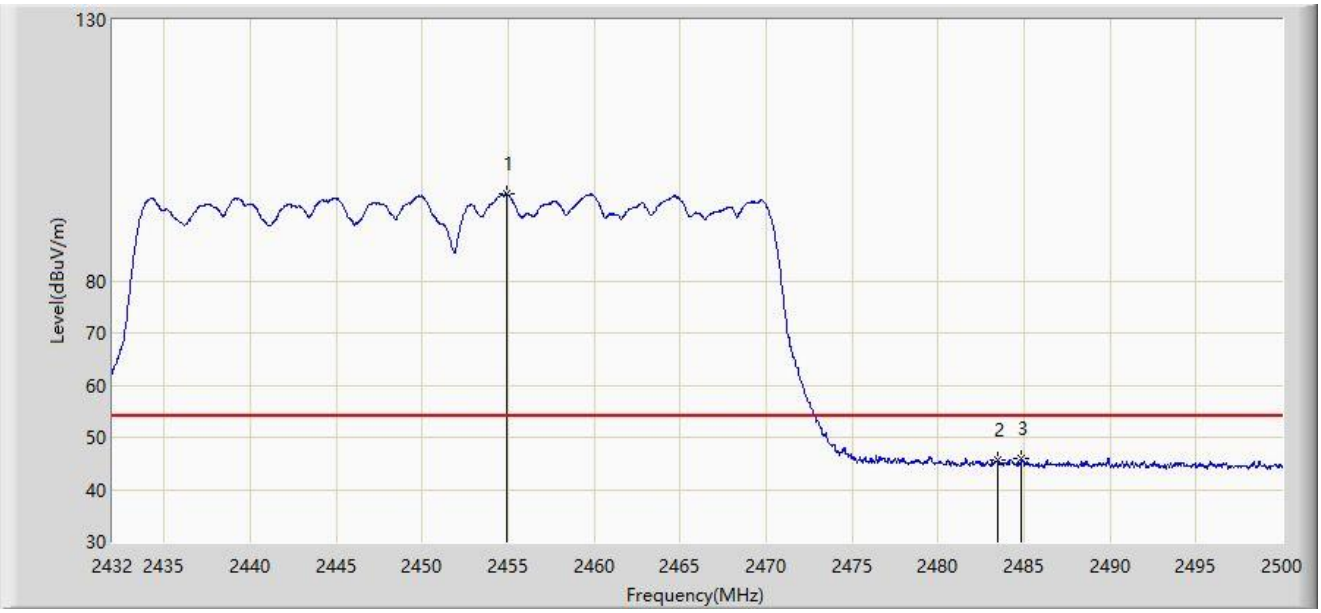

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2459.438 | 104.761 | 73.884 | N/A | N/A | 30.877 | PK |
| 2 | | 2483.500 | 58.152 | 27.261 | -15.848 | 74.000 | 30.892 | PK |
| 3 | * | 2491.364 | 61.944 | 31.065 | -12.056 | 74.000 | 30.878 | 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: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2452MHz | |



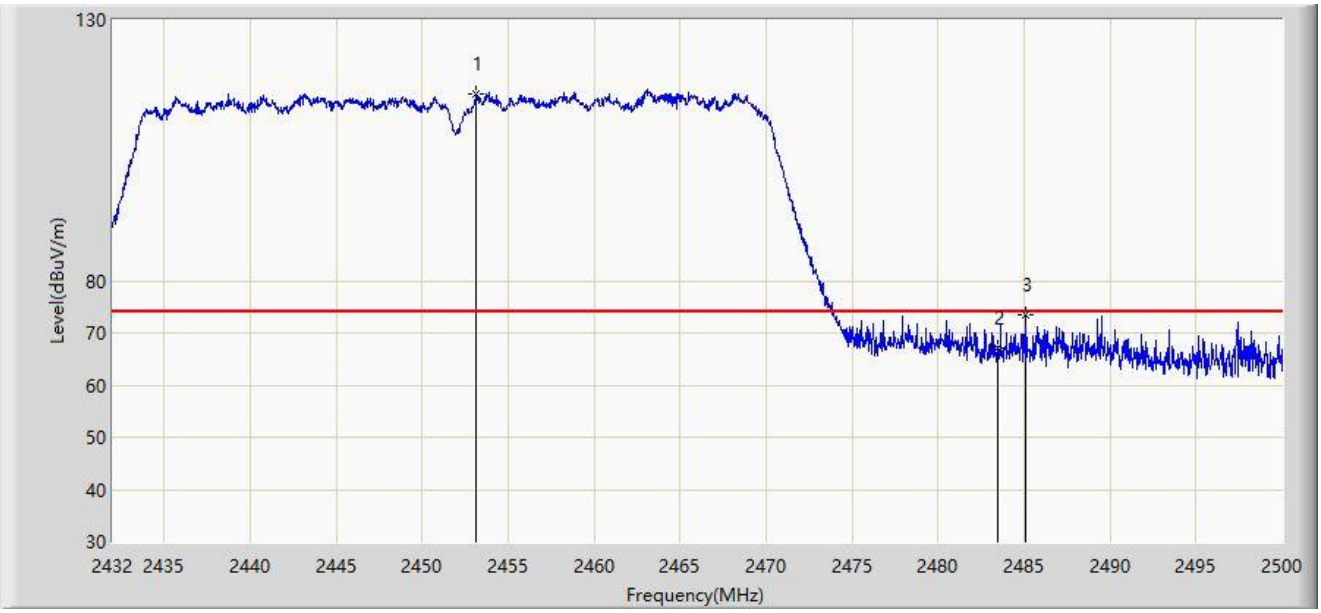

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2454.916 | 96.626 | 65.755 | N/A | N/A | 30.871 | AV |
| 2 | | 2483.500 | 45.756 | 14.865 | -8.244 | 54.000 | 30.892 | AV |
| 3 | * | 2484.836 | 45.937 | 15.048 | -8.063 | 54.000 | 30.890 | 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: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2452MHz | |



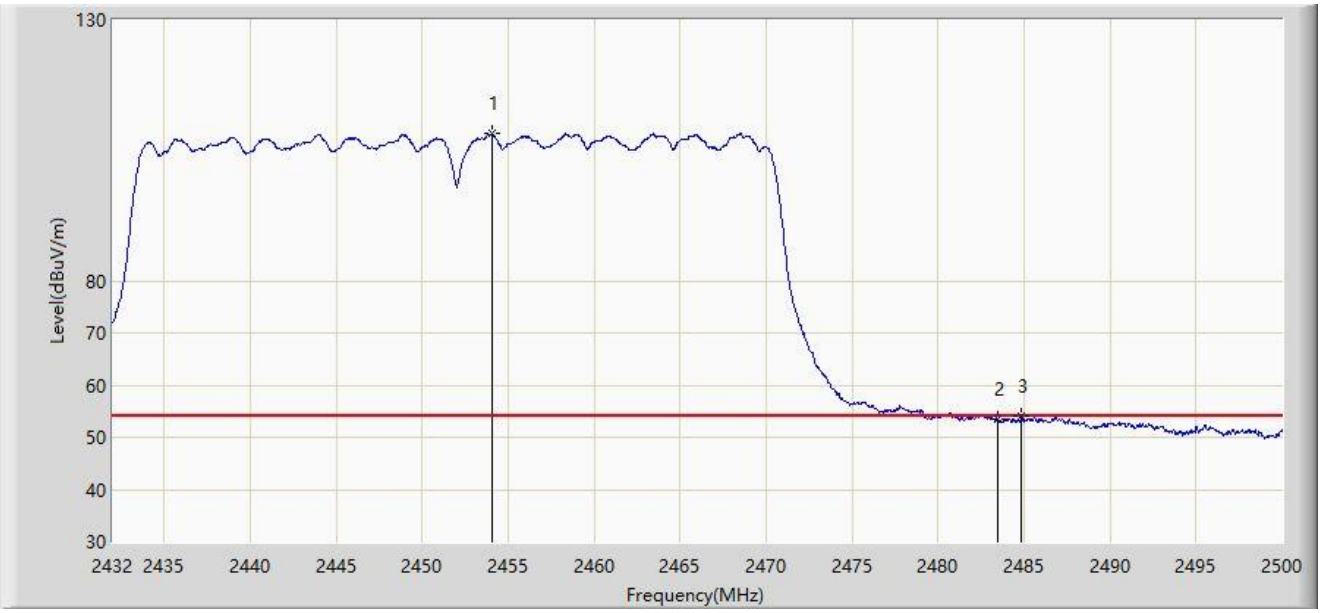

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.148 | 115.888 | 85.018 | N/A | N/A | 30.870 | PK |
| 2 | | 2483.500 | 67.009 | 36.118 | -6.991 | 74.000 | 30.892 | PK |
| 3 | * | 2485.108 | 73.544 | 42.655 | -0.456 | 74.000 | 30.889 | 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: WZ-AC1 | Test Date: 2023-01-28 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11n-HT40 at 2452MHz | |



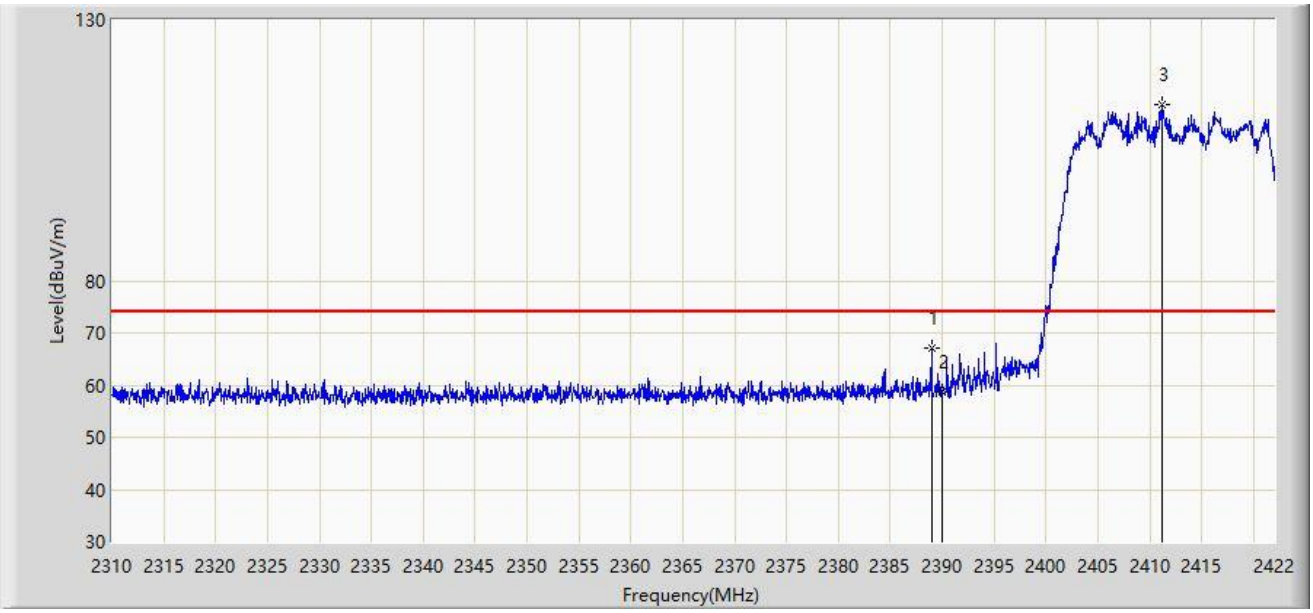

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2454.066 | 108.116 | 77.246 | N/A | N/A | 30.870 | AV |
| 2 | | 2483.500 | 53.511 | 22.620 | -0.489 | 54.000 | 30.892 | AV |
| 3 | * | 2484.870 | 53.950 | 23.061 | -0.050 | 54.000 | 30.890 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2412MHz | |



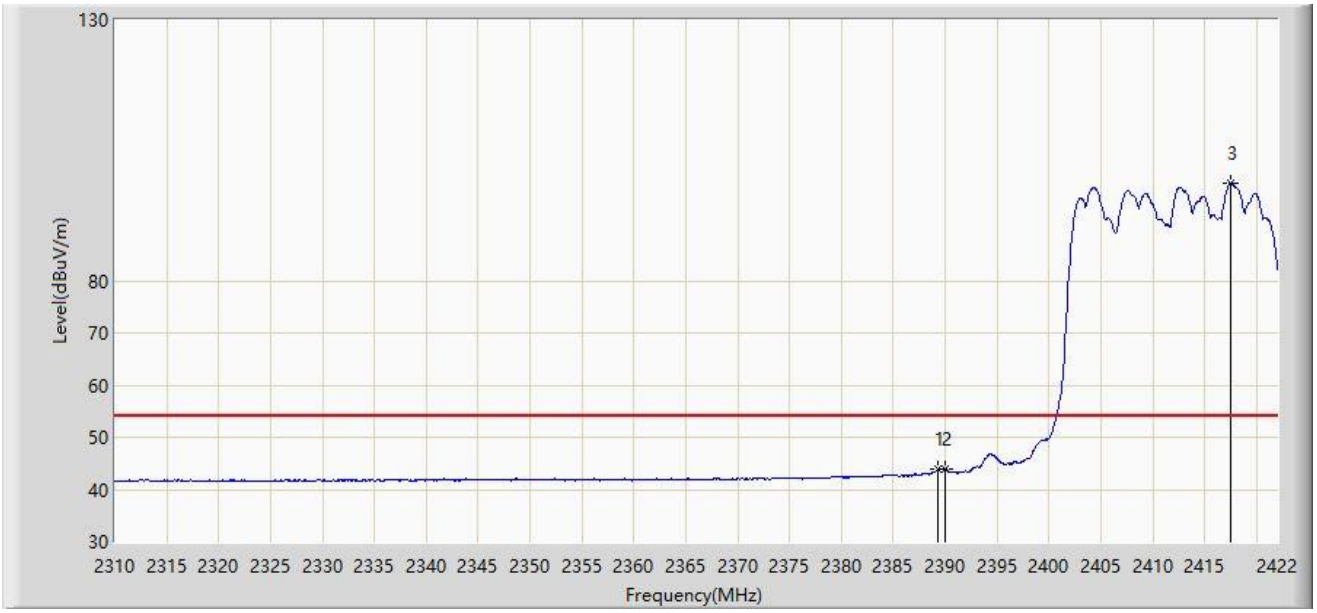

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.960 | 67.150 | 36.157 | -6.850 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 58.753 | 27.761 | -15.247 | 74.000 | 30.992 | PK |
| 3 | | 2411.136 | 113.635 | 82.678 | N/A | N/A | 30.957 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2412MHz | |



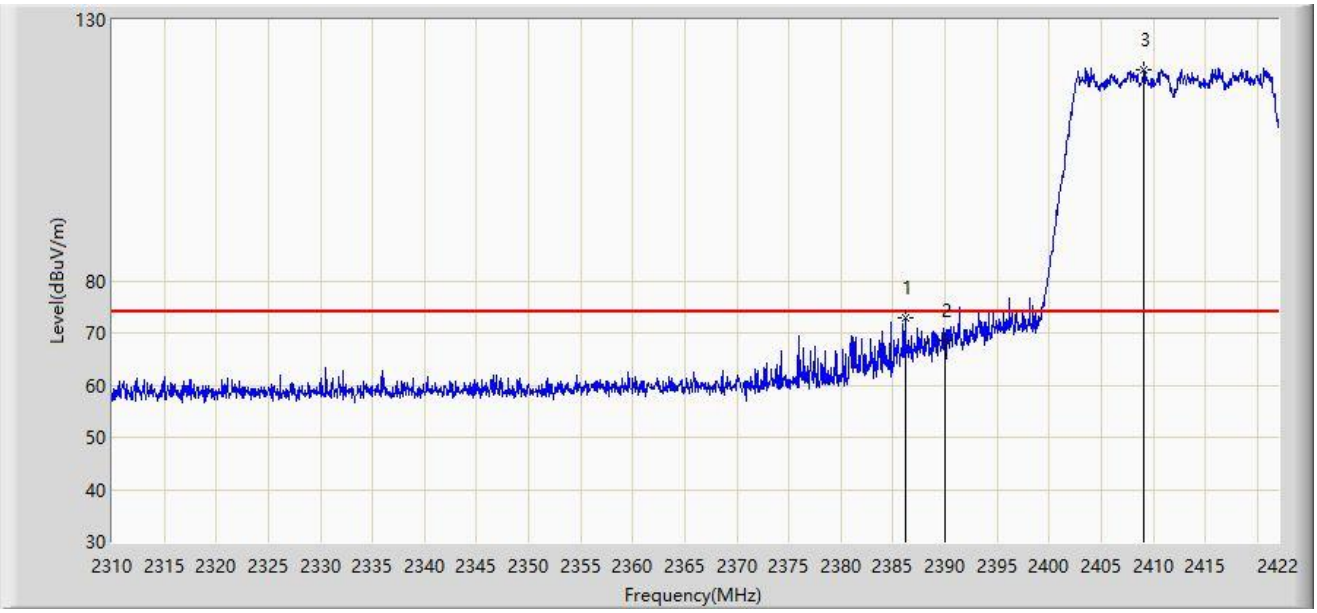

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.352 | 43.845 | 12.853 | -10.155 | 54.000 | 30.993 | AV |
| 2 | * | 2390.000 | 43.847 | 12.855 | -10.153 | 54.000 | 30.992 | AV |
| 3 | | 2417.576 | 98.816 | 67.877 | N/A | N/A | 30.940 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2412MHz | |



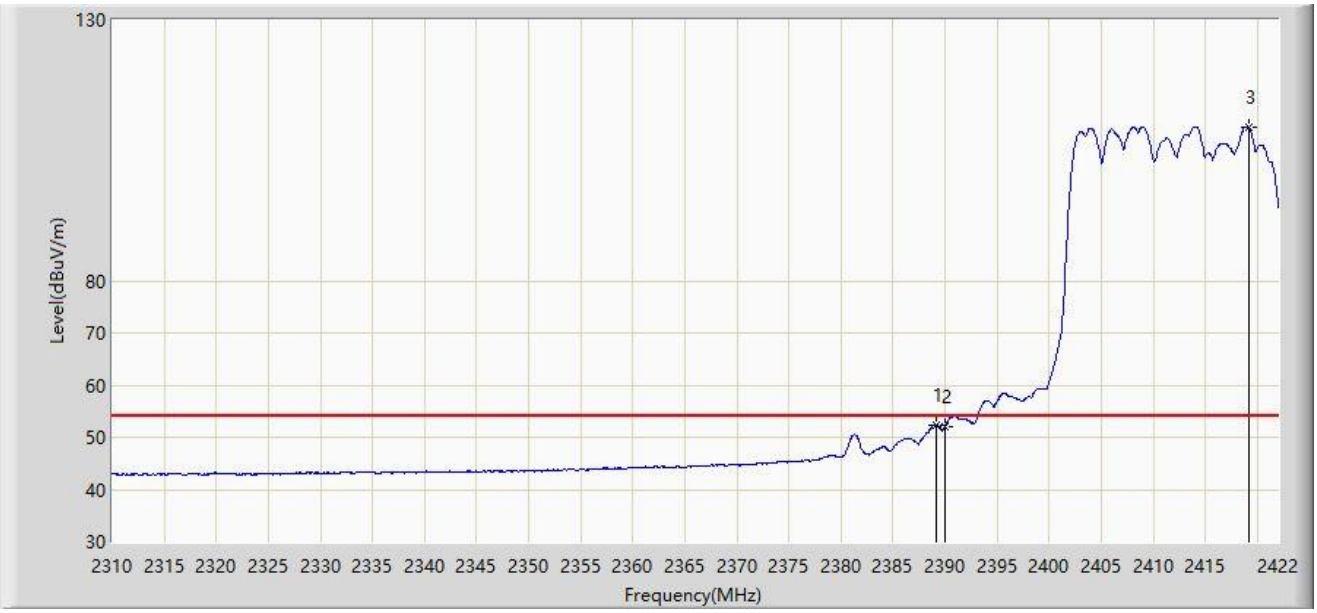

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.216 | 72.837 | 41.843 | -1.163 | 74.000 | 30.994 | PK |
| 2 | | 2390.000 | 68.686 | 37.694 | -5.314 | 74.000 | 30.992 | PK |
| 3 | | 2409.120 | 120.301 | 89.337 | N/A | N/A | 30.963 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2412MHz | |



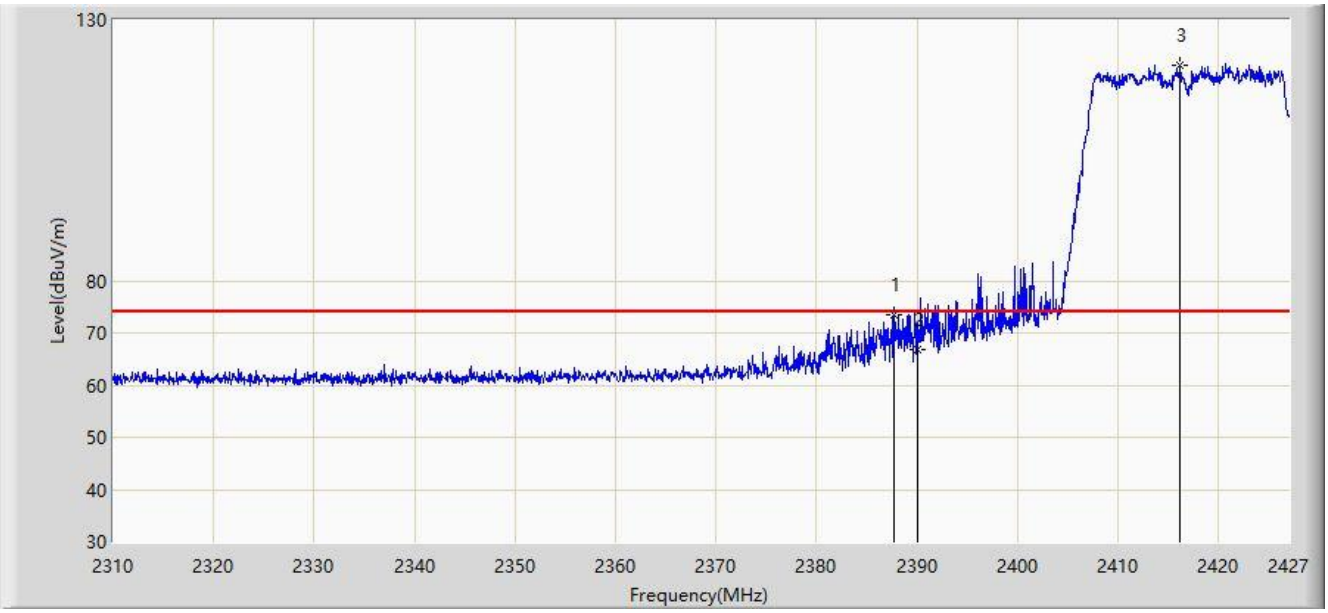

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2389.128 | 52.463 | 21.470 | -1.537 | 54.000 | 30.993 | AV |
| 2 | | 2390.000 | 52.122 | 21.130 | -1.878 | 54.000 | 30.992 | AV |
| 3 | | 2419.144 | 109.421 | 78.486 | N/A | N/A | 30.936 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2417MHz | |



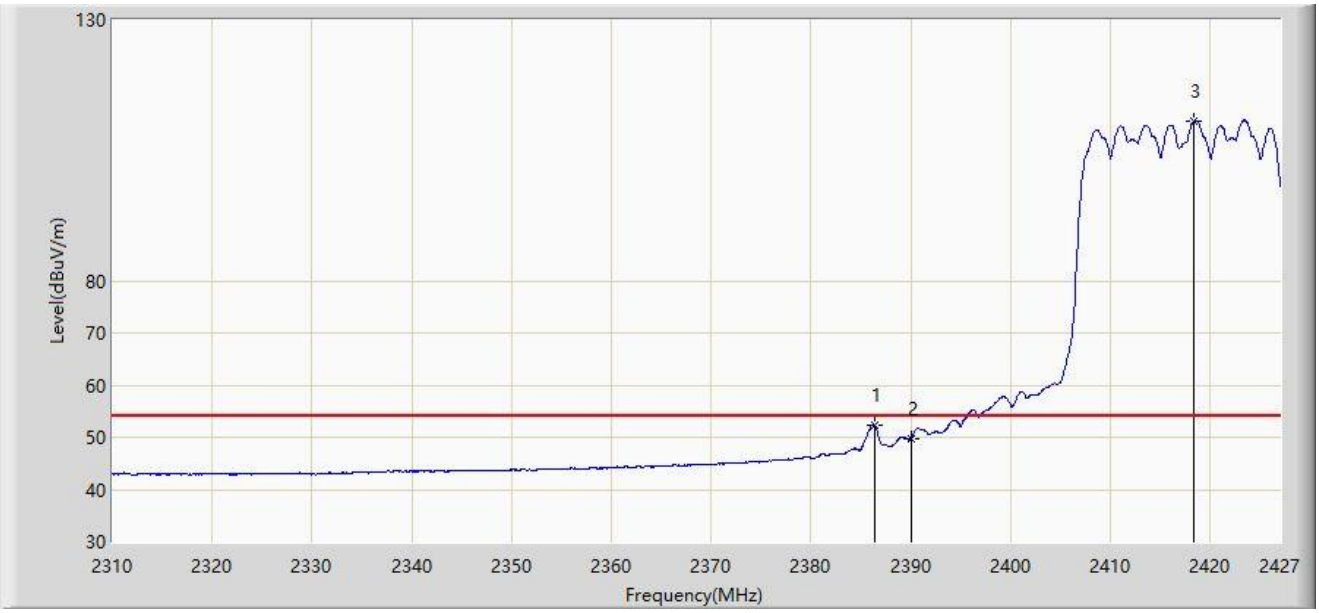

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.747 | 73.560 | 42.567 | -0.440 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 66.943 | 35.951 | -7.057 | 74.000 | 30.992 | PK |
| 3 | | 2416.177 | 121.425 | 90.482 | N/A | N/A | 30.943 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2417MHz | |



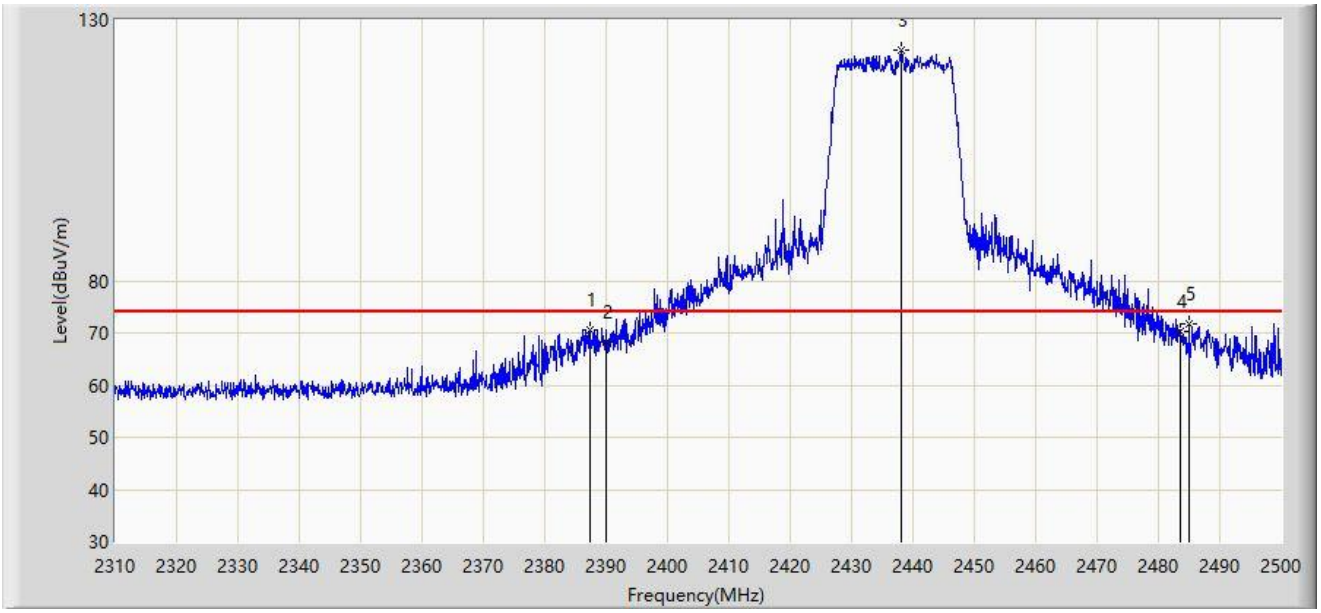

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.343 | 52.427 | 21.433 | -1.573 | 54.000 | 30.994 | AV |
| 2 | | 2390.000 | 49.744 | 18.752 | -4.256 | 54.000 | 30.992 | AV |
| 3 | | 2418.400 | 110.604 | 79.667 | N/A | N/A | 30.937 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2437MHz | |



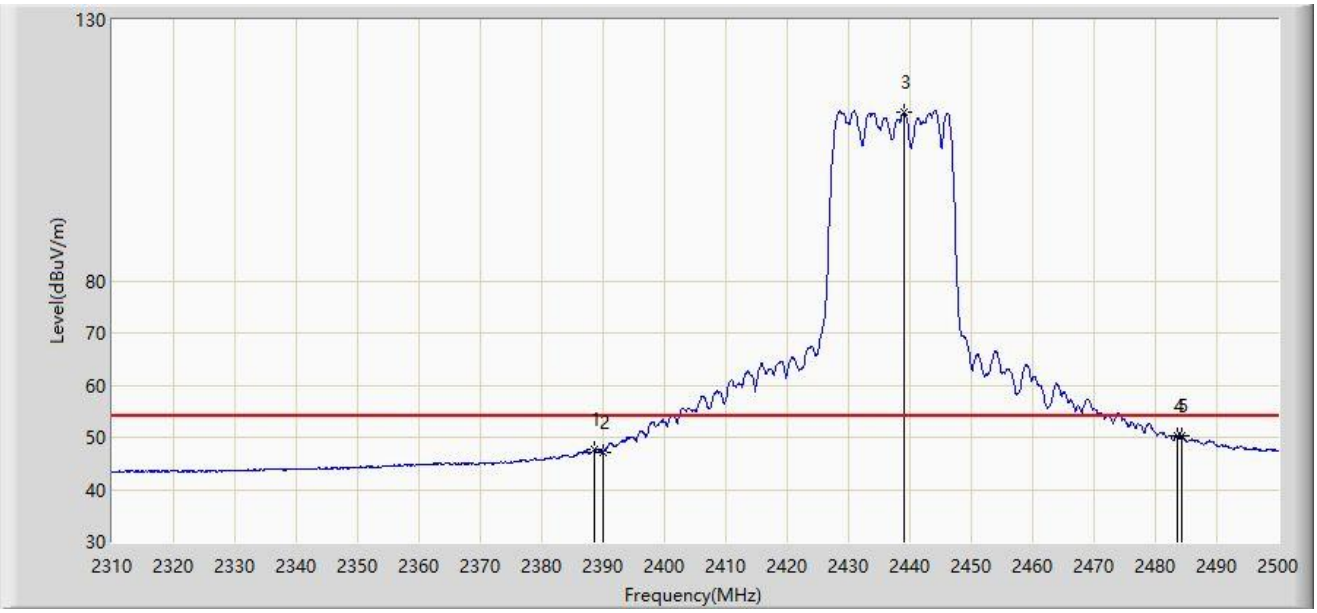

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2387.330 | 70.528 | 39.535 | -3.472 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 68.229 | 37.237 | -5.771 | 74.000 | 30.992 | PK |
| 3 | | 2438.060 | 124.073 | 93.209 | N/A | N/A | 30.864 | PK |
| 4 | | 2483.500 | 70.158 | 39.267 | -3.842 | 74.000 | 30.892 | PK |
| 5 | * | 2484.990 | 71.788 | 40.899 | -2.212 | 74.000 | 30.889 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2437MHz | |



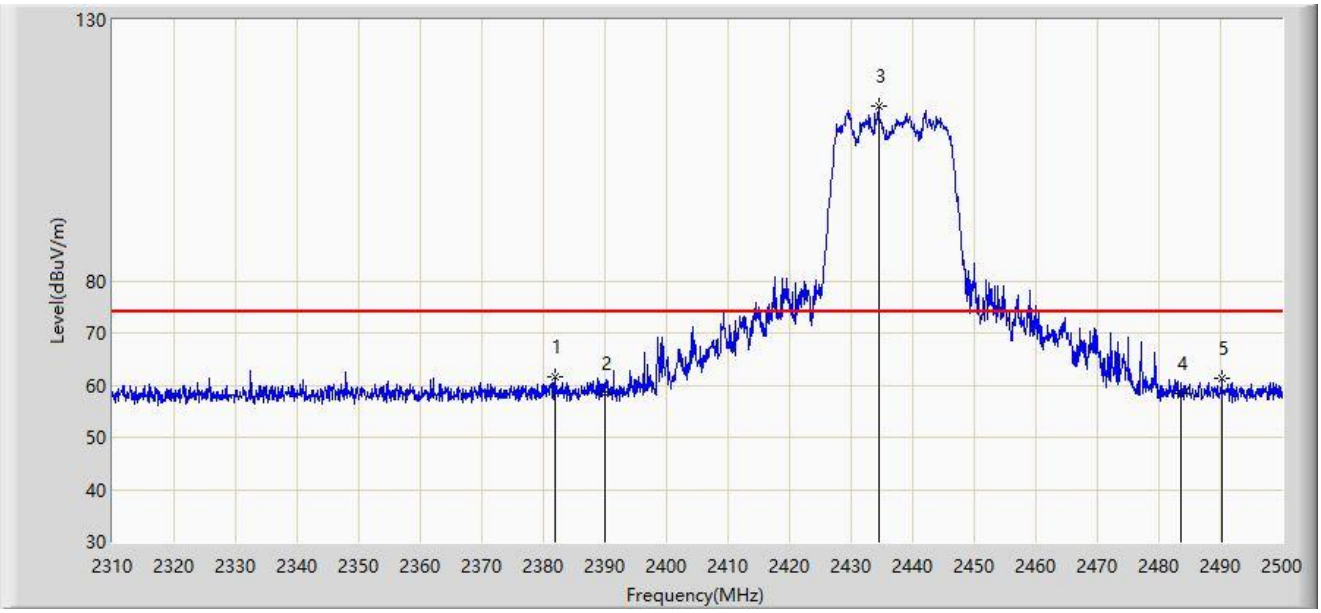

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.565 | 47.599 | 16.606 | -6.401 | 54.000 | 30.993 | AV |
| 2 | | 2390.000 | 47.116 | 16.124 | -6.884 | 54.000 | 30.992 | AV |
| 3 | | 2439.010 | 112.257 | 81.393 | N/A | N/A | 30.864 | AV |
| 4 | | 2483.500 | 50.185 | 19.294 | -3.815 | 54.000 | 30.892 | AV |
| 5 | * | 2484.230 | 50.391 | 19.501 | -3.609 | 54.000 | 30.891 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2437MHz | |



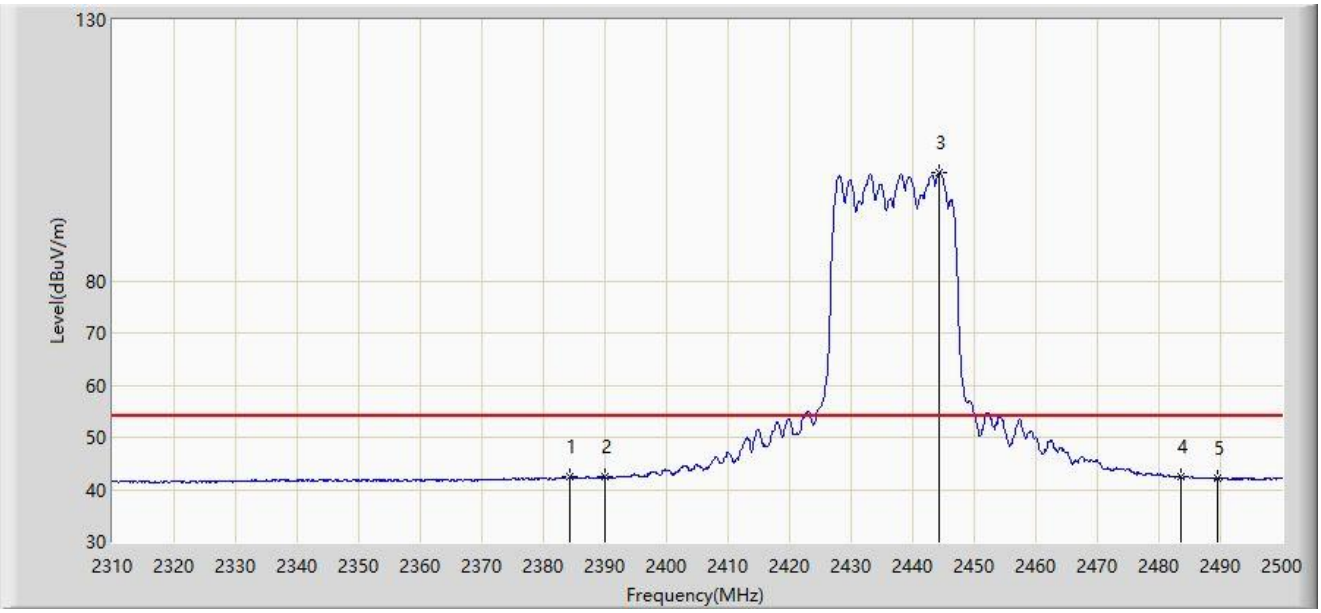

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2382.010 | 61.466 | 30.462 | -12.534 | 74.000 | 31.004 | PK |
| 2 | | 2390.000 | 58.405 | 27.413 | -15.595 | 74.000 | 30.992 | PK |
| 3 | | 2434.450 | 113.578 | 82.702 | N/A | N/A | 30.876 | PK |
| 4 | | 2483.500 | 58.334 | 27.443 | -15.666 | 74.000 | 30.892 | PK |
| 5 | | 2490.215 | 61.437 | 30.557 | -12.563 | 74.000 | 30.880 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2437MHz | |



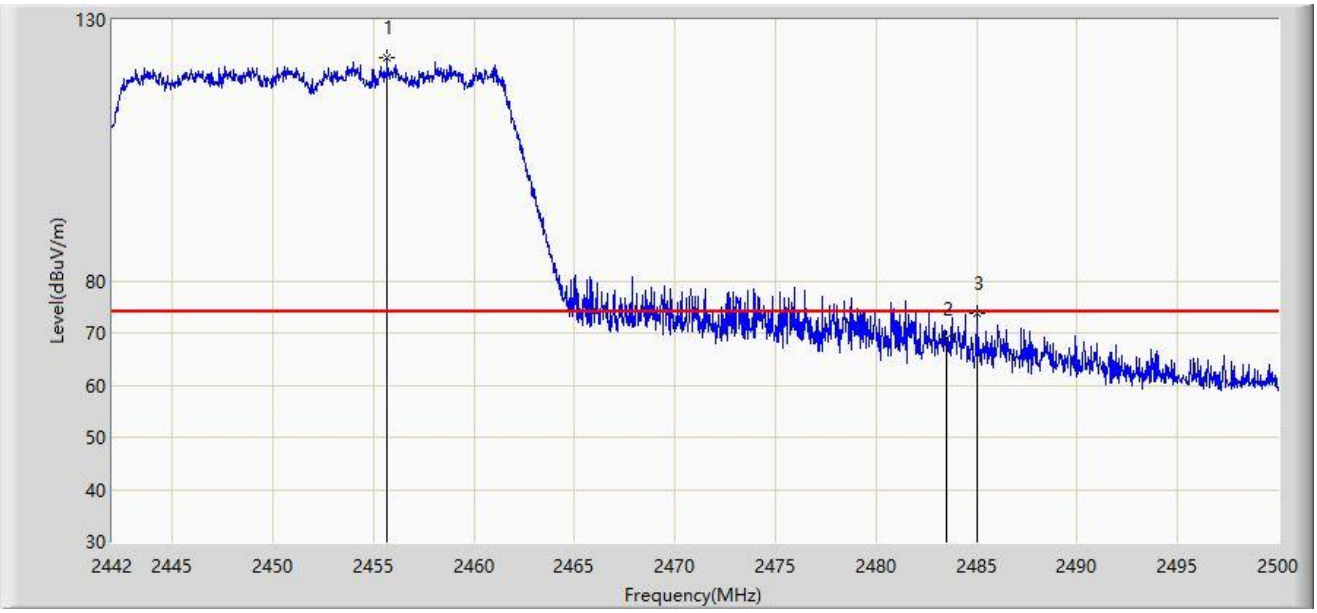

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2384.290 | 42.320 | 11.325 | -11.680 | 54.000 | 30.995 | AV |
| 2 | * | 2390.000 | 42.426 | 11.434 | -11.574 | 54.000 | 30.992 | AV |
| 3 | | 2444.235 | 100.676 | 69.810 | N/A | N/A | 30.866 | AV |
| 4 | | 2483.500 | 42.387 | 11.496 | -11.613 | 54.000 | 30.892 | AV |
| 5 | | 2489.550 | 42.030 | 11.148 | -11.970 | 54.000 | 30.881 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2452MHz | |



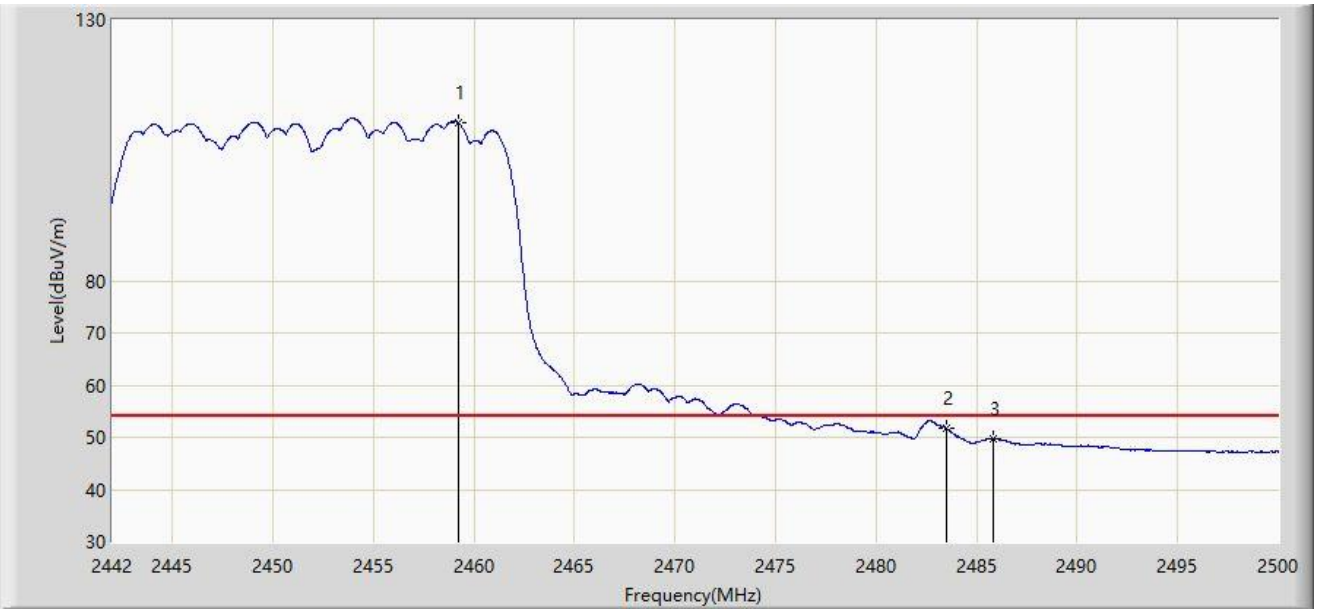

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2455.659 | 122.850 | 91.979 | N/A | N/A | 30.871 | PK |
| 2 | | 2483.500 | 68.714 | 37.823 | -5.286 | 74.000 | 30.892 | PK |
| 3 | * | 2485.007 | 73.725 | 42.836 | -0.275 | 74.000 | 30.889 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2452MHz | |



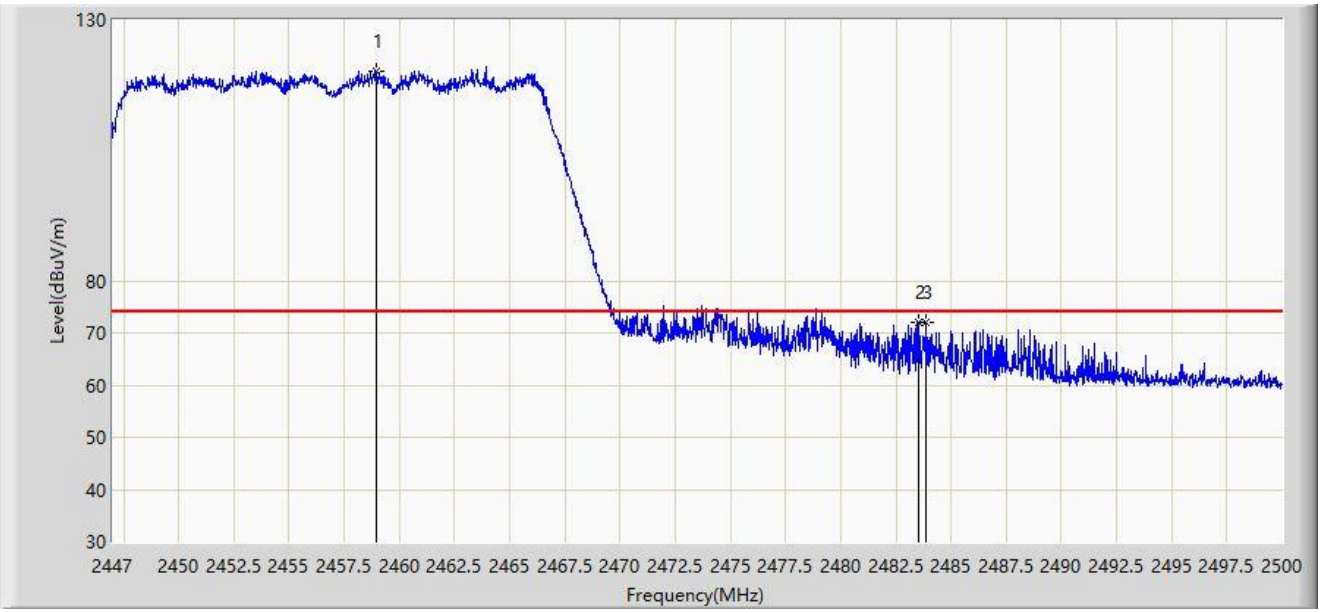

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2459.197 | 110.282 | 79.405 | N/A | N/A | 30.877 | AV |
| 2 | * | 2483.500 | 51.678 | 20.787 | -2.322 | 54.000 | 30.892 | AV |
| 3 | | 2485.848 | 49.726 | 18.838 | -4.274 | 54.000 | 30.888 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2457MHz | |



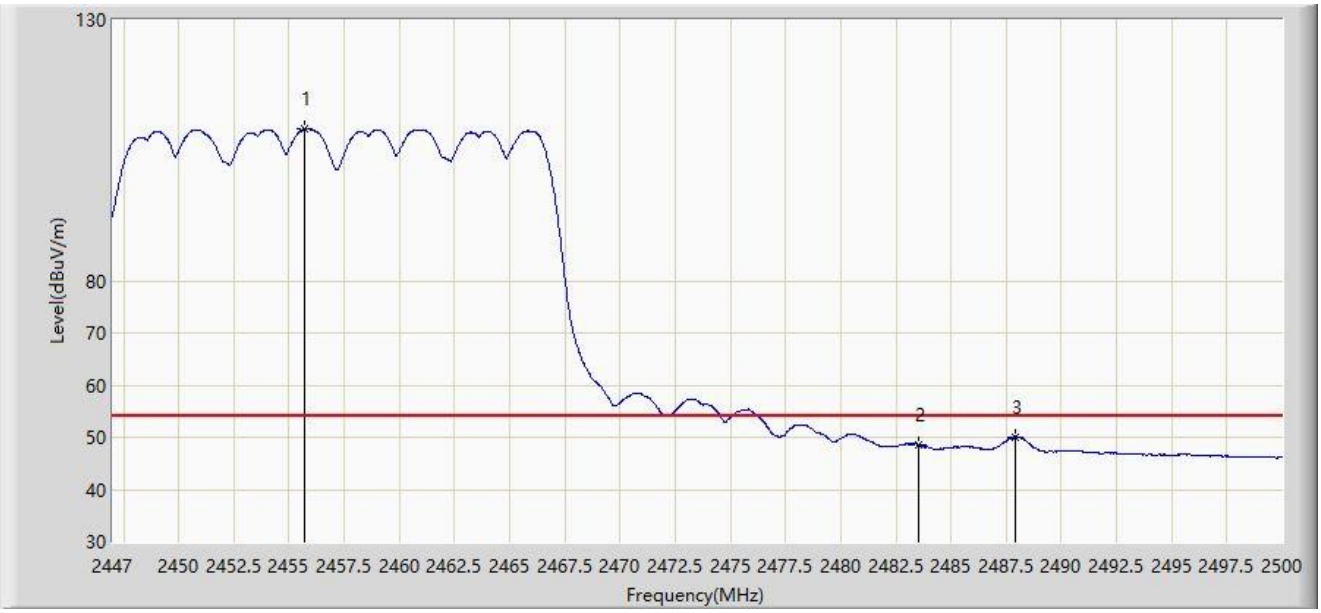

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2458.978 | 120.277 | 89.400 | N/A | N/A | 30.877 | PK |
| 2 | | 2483.500 | 71.911 | 41.020 | -2.089 | 74.000 | 30.892 | PK |
| 3 | * | 2483.835 | 72.044 | 41.153 | -1.956 | 74.000 | 30.891 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2457MHz | |



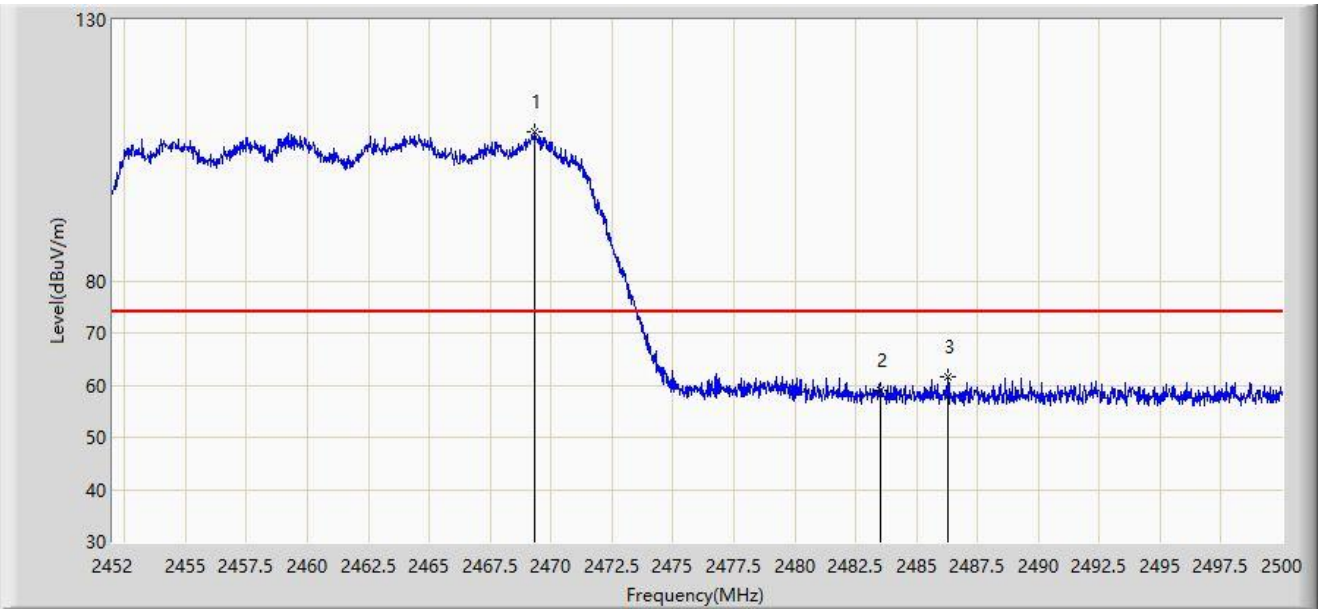

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2455.719 | 109.095 | 78.224 | N/A | N/A | 30.871 | AV |
| 2 | | 2483.500 | 48.676 | 17.785 | -5.324 | 54.000 | 30.892 | AV |
| 3 | * | 2487.889 | 50.111 | 19.227 | -3.889 | 54.000 | 30.884 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2462MHz | |



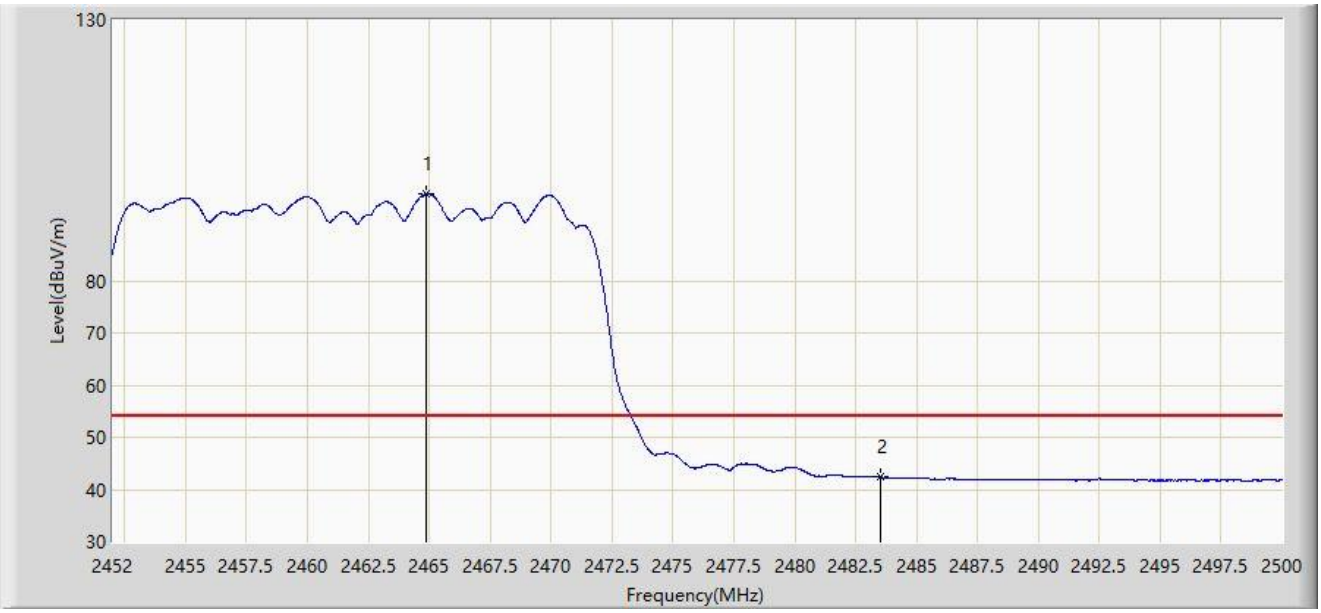

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2469.328 | 108.603 | 77.704 | N/A | N/A | 30.898 | PK |
| 2 | | 2483.500 | 58.959 | 28.068 | -15.041 | 74.000 | 30.892 | PK |
| 3 | * | 2486.296 | 61.731 | 30.844 | -12.269 | 74.000 | 30.887 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2462MHz | |



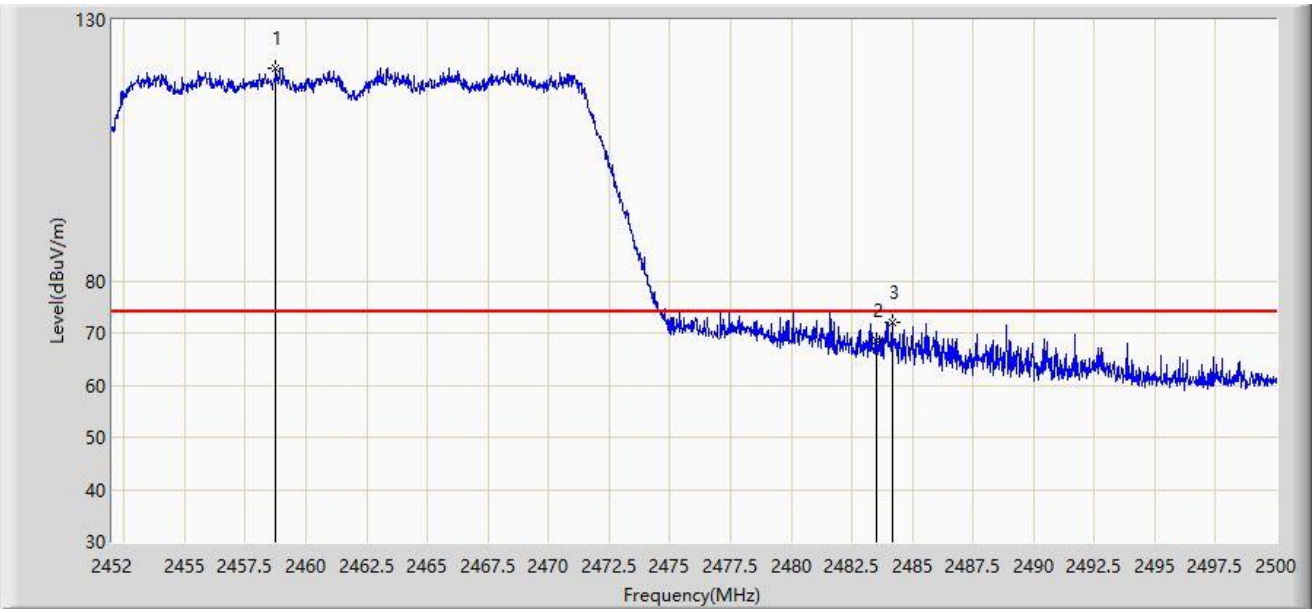

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2464.888 | 96.619 | 65.731 | N/A | N/A | 30.889 | AV |
| 2 | * | 2483.500 | 42.409 | 11.518 | -11.591 | 54.000 | 30.892 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2462MHz | |



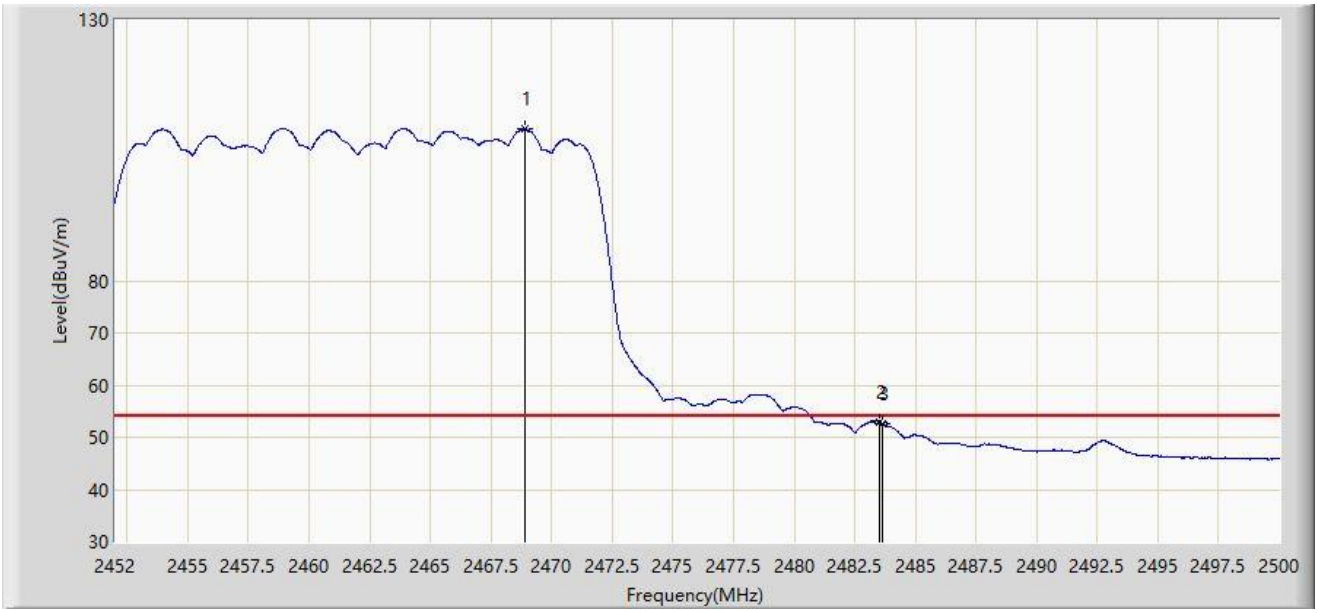

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2458.744 | 120.843 | 89.967 | N/A | N/A | 30.876 | PK |
| 2 | | 2483.500 | 68.497 | 37.606 | -5.503 | 74.000 | 30.892 | PK |
| 3 | * | 2484.160 | 72.066 | 41.176 | -1.934 | 74.000 | 30.891 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE20 at 2462MHz | |



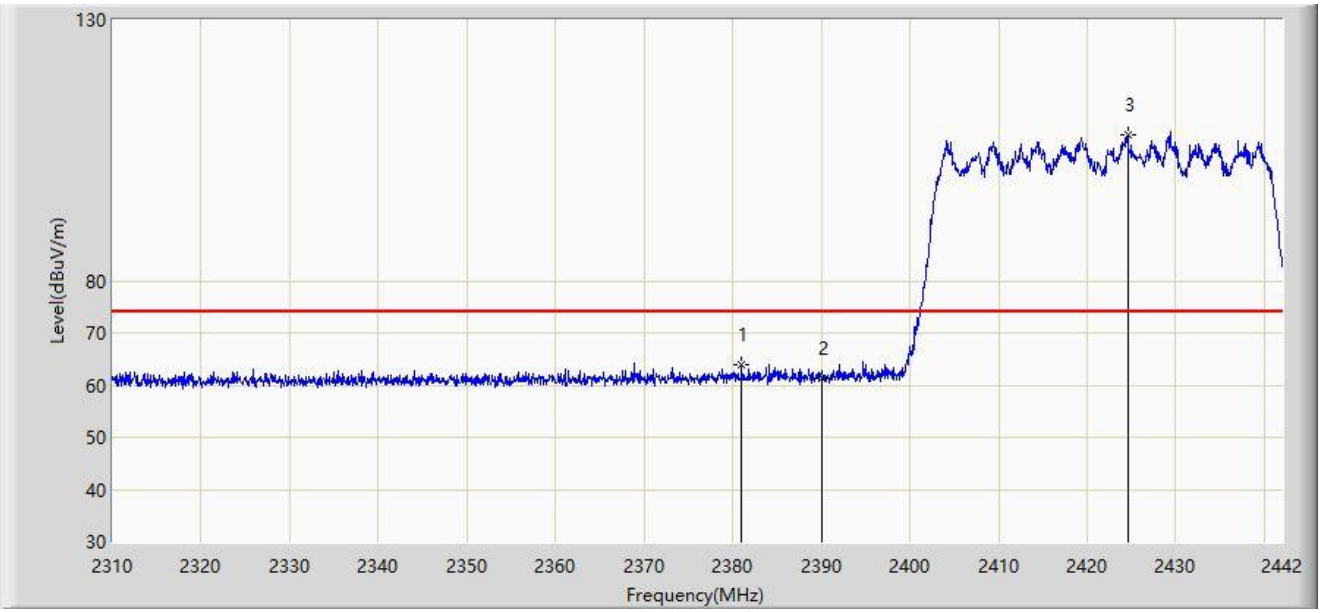

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2468.920 | 109.019 | 78.121 | N/A | N/A | 30.898 | AV |
| 2 | * | 2483.500 | 52.942 | 22.051 | -1.058 | 54.000 | 30.892 | AV |
| 3 | | 2483.656 | 52.612 | 21.721 | -1.388 | 54.000 | 30.892 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2422MHz | |



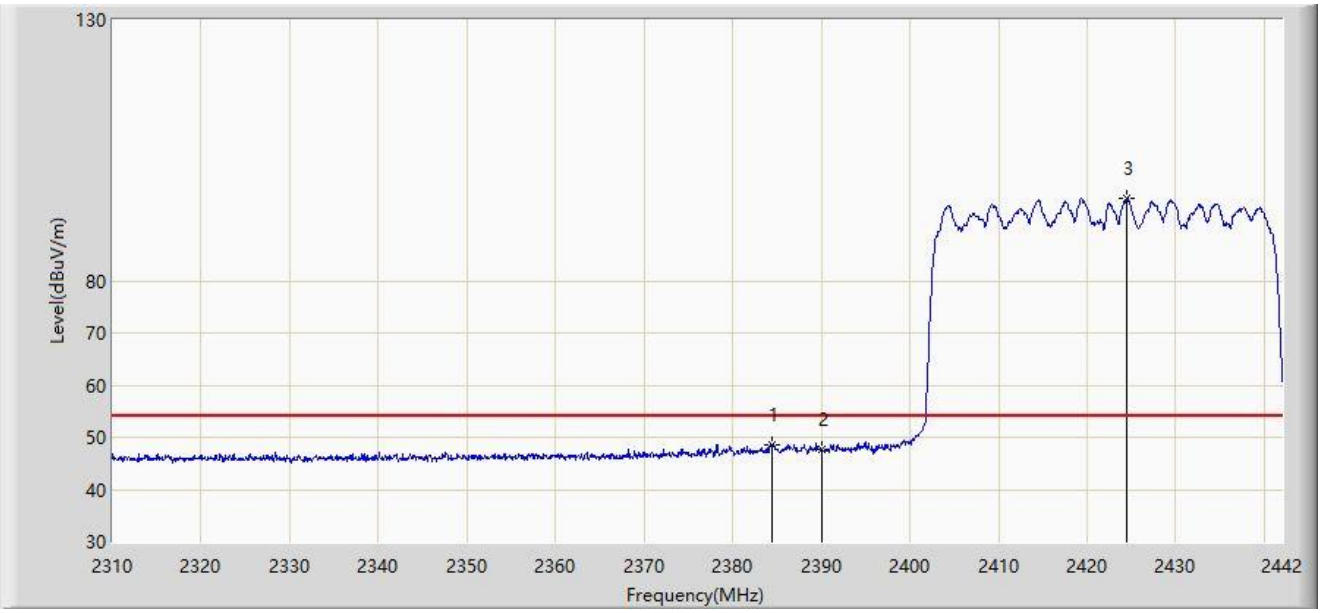

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2381.016 | 64.013 | 33.005 | -9.987 | 74.000 | 31.008 | PK |
| 2 | | 2390.000 | 61.356 | 30.364 | -12.644 | 74.000 | 30.992 | PK |
| 3 | | 2424.576 | 108.006 | 77.092 | N/A | N/A | 30.913 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2422MHz | |



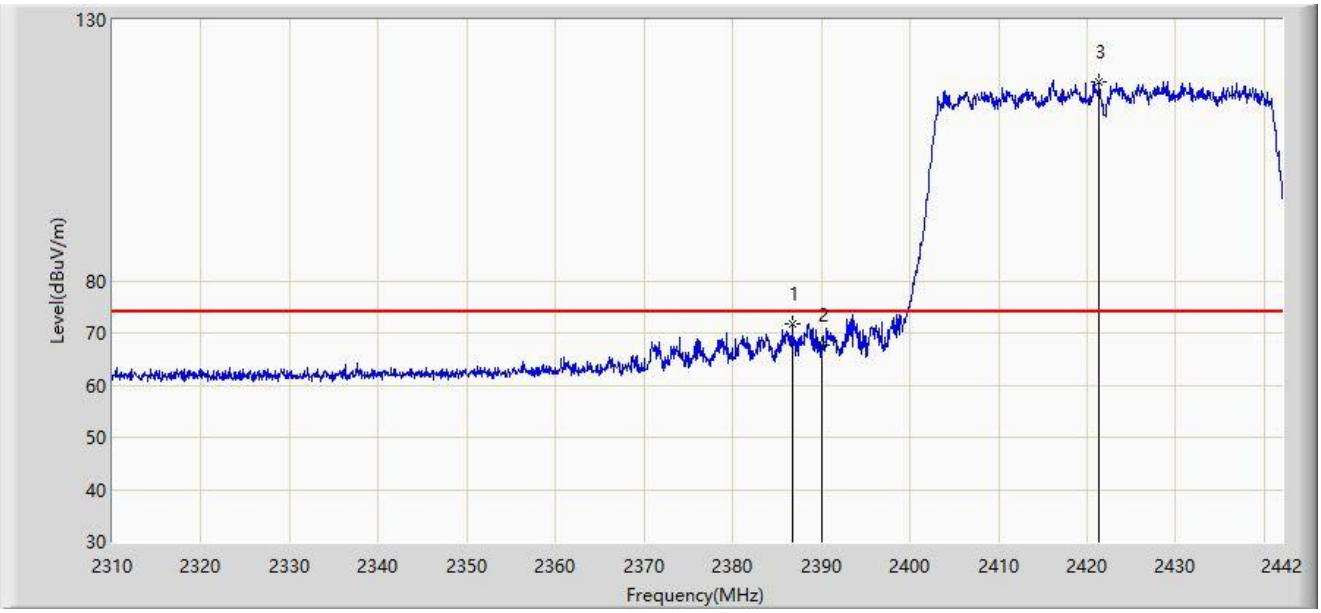

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2384.514 | 48.552 | 17.557 | -5.448 | 54.000 | 30.994 | AV |
| 2 | | 2390.000 | 47.719 | 16.727 | -6.281 | 54.000 | 30.992 | AV |
| 3 | | 2424.510 | 95.806 | 64.892 | N/A | N/A | 30.914 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2422MHz | |



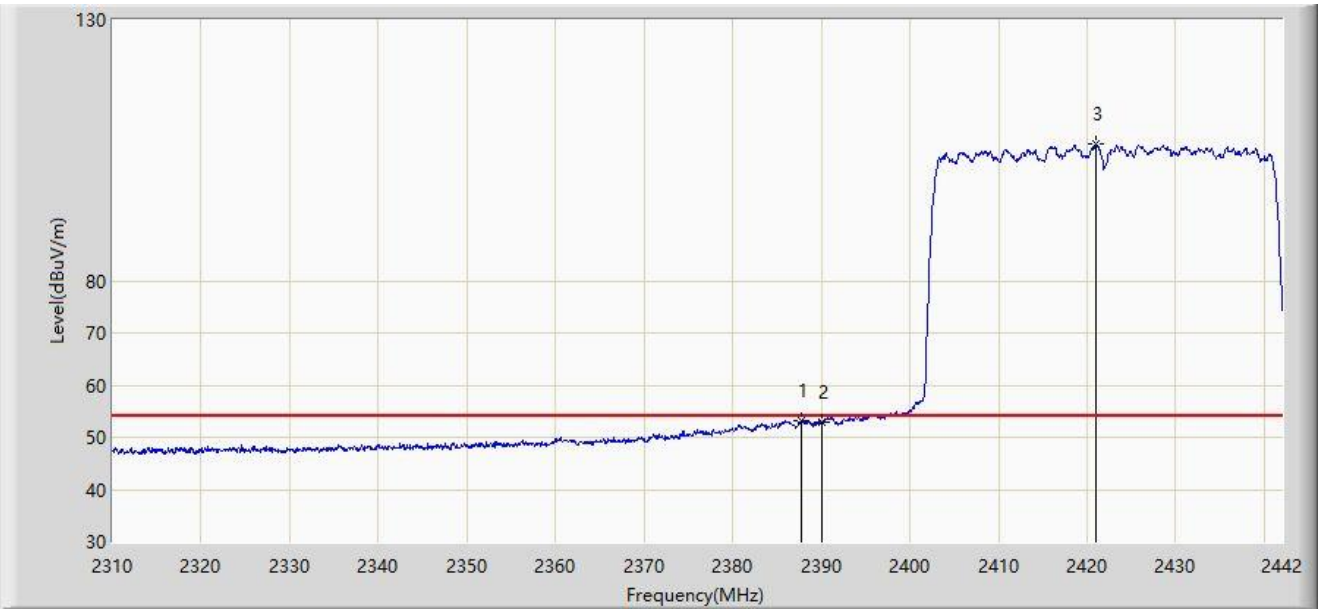

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.692 | 71.654 | 40.660 | -2.346 | 74.000 | 30.994 | PK |
| 2 | | 2390.000 | 67.665 | 36.673 | -6.335 | 74.000 | 30.992 | PK |
| 3 | | 2421.342 | 118.119 | 87.192 | N/A | N/A | 30.928 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2422MHz | |



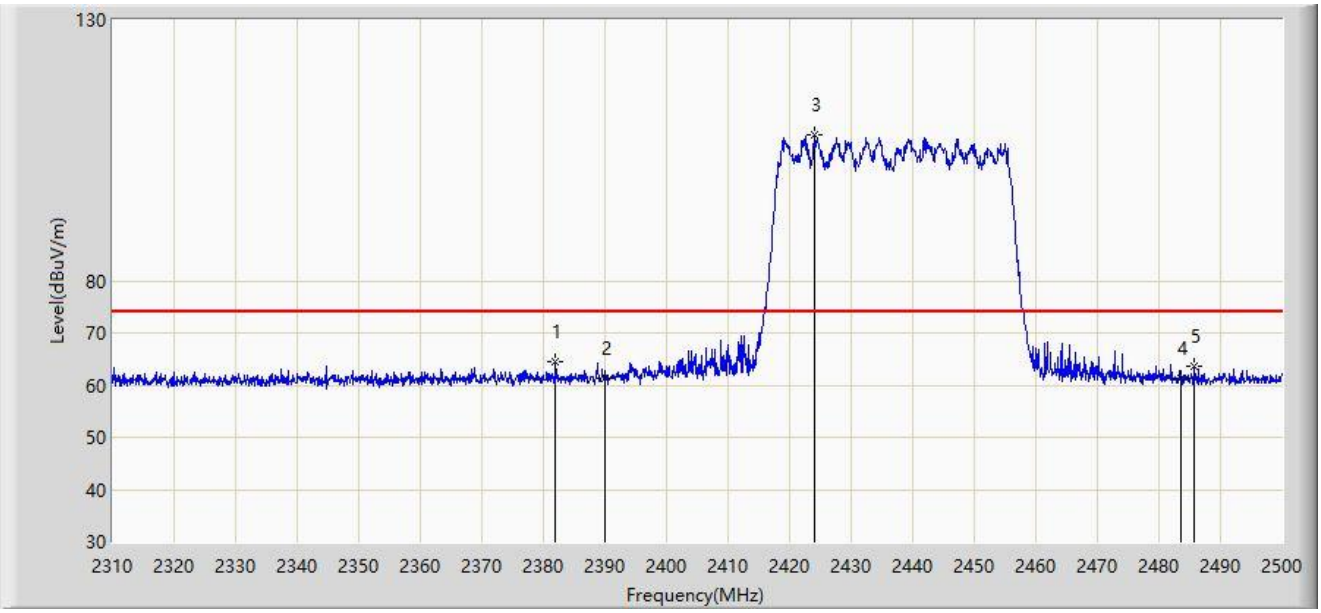

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.682 | 53.178 | 22.185 | -0.822 | 54.000 | 30.993 | AV |
| 2 | | 2390.000 | 52.998 | 22.006 | -1.002 | 54.000 | 30.992 | AV |
| 3 | | 2421.012 | 106.134 | 75.205 | N/A | N/A | 30.928 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2437MHz | |



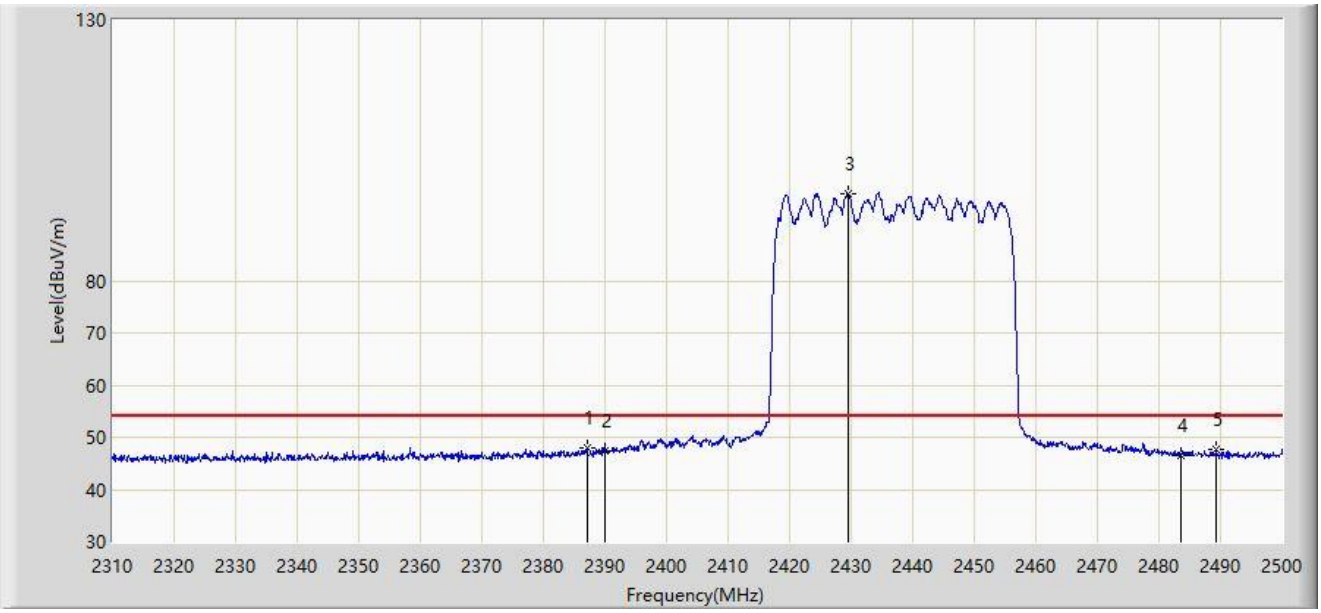

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2382.010 | 64.357 | 33.353 | -9.643 | 74.000 | 31.004 | PK |
| 2 | | 2390.000 | 61.208 | 30.216 | -12.792 | 74.000 | 30.992 | PK |
| 3 | | 2424.000 | 108.026 | 77.110 | N/A | N/A | 30.916 | PK |
| 4 | | 2483.500 | 61.293 | 30.402 | -12.707 | 74.000 | 30.892 | PK |
| 5 | | 2485.750 | 63.615 | 32.727 | -10.385 | 74.000 | 30.888 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2437MHz | |



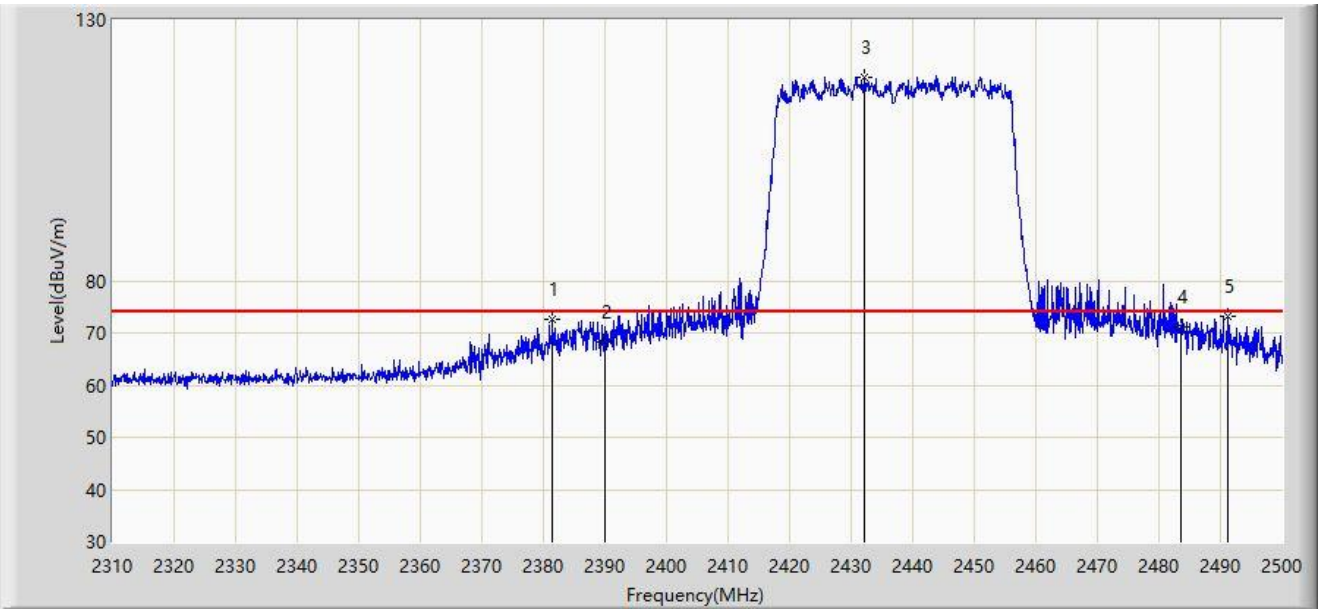

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.140 | 47.879 | 16.886 | -6.121 | 54.000 | 30.994 | AV |
| 2 | | 2390.000 | 47.255 | 16.263 | -6.745 | 54.000 | 30.992 | AV |
| 3 | | 2429.605 | 96.668 | 65.775 | N/A | N/A | 30.893 | AV |
| 4 | | 2483.500 | 46.637 | 15.746 | -7.363 | 54.000 | 30.892 | AV |
| 5 | | 2489.360 | 47.678 | 16.796 | -6.322 | 54.000 | 30.882 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2437MHz | |



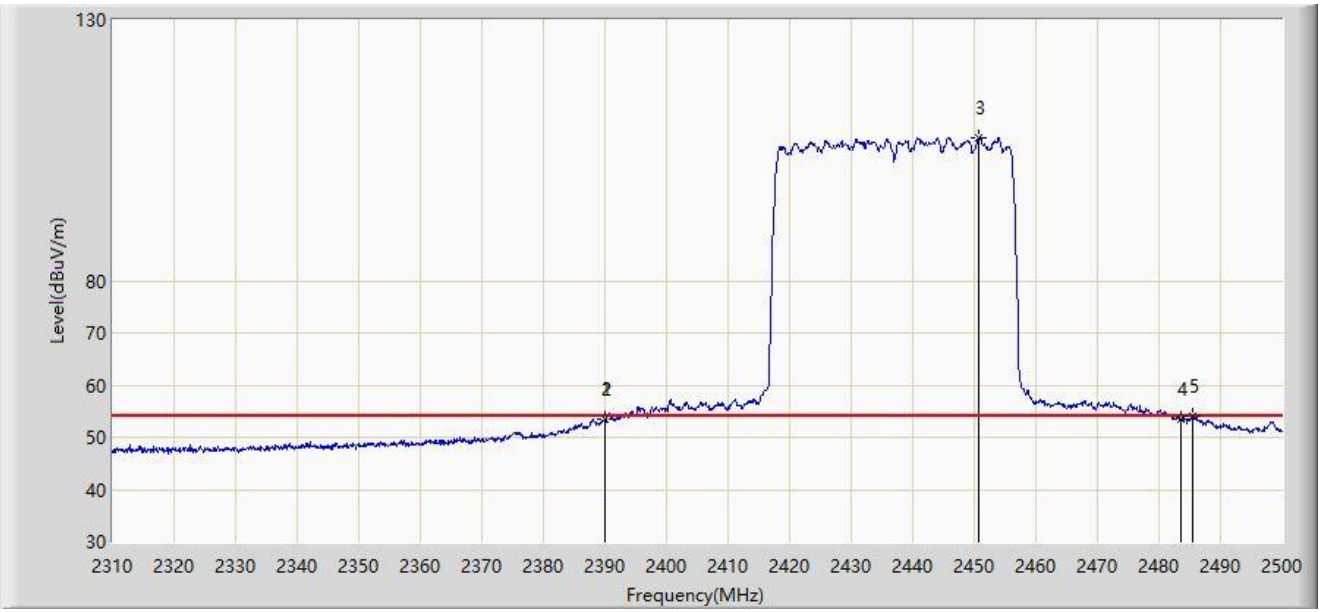

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2381.440 | 72.693 | 41.687 | -1.307 | 74.000 | 31.007 | PK |
| 2 | | 2390.000 | 68.264 | 37.272 | -5.736 | 74.000 | 30.992 | PK |
| 3 | | 2432.170 | 119.098 | 88.214 | N/A | N/A | 30.884 | PK |
| 4 | | 2483.500 | 71.078 | 40.187 | -2.922 | 74.000 | 30.892 | PK |
| 5 | * | 2491.165 | 73.183 | 42.304 | -0.817 | 74.000 | 30.878 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2437MHz | |



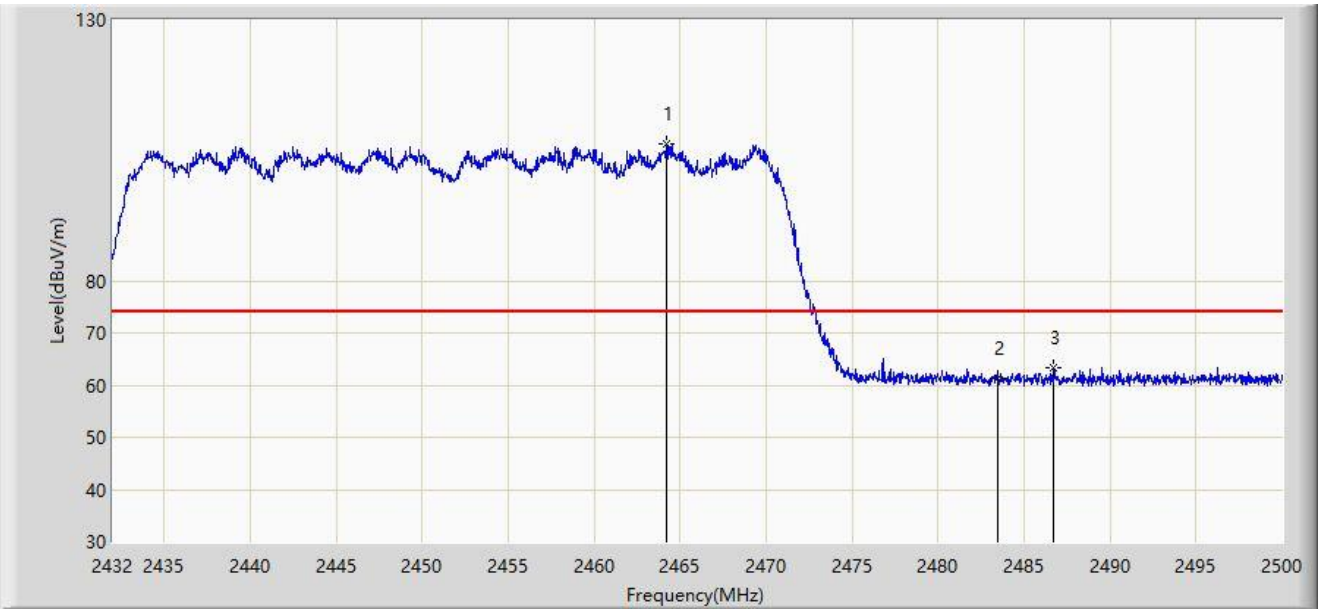

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.990 | 53.605 | 22.613 | -0.395 | 54.000 | 30.992 | AV |
| 2 | | 2390.000 | 53.571 | 22.579 | -0.429 | 54.000 | 30.992 | AV |
| 3 | | 2450.600 | 107.383 | 76.514 | N/A | N/A | 30.869 | AV |
| 4 | | 2483.500 | 53.395 | 22.504 | -0.605 | 54.000 | 30.892 | AV |
| 5 | * | 2485.465 | 53.917 | 23.029 | -0.083 | 54.000 | 30.888 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2452MHz | |



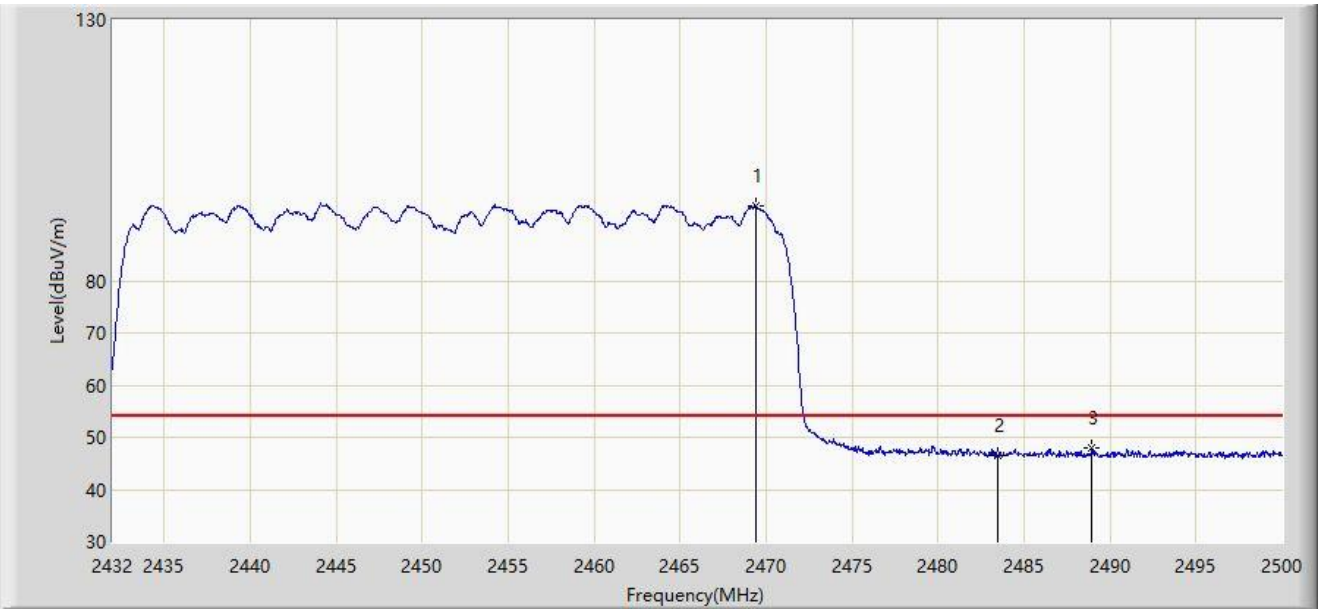

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2464.198 | 106.099 | 75.212 | N/A | N/A | 30.887 | PK |
| 2 | | 2483.500 | 61.216 | 30.325 | -12.784 | 74.000 | 30.892 | PK |
| 3 | * | 2486.740 | 63.410 | 32.524 | -10.590 | 74.000 | 30.886 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2452MHz | |



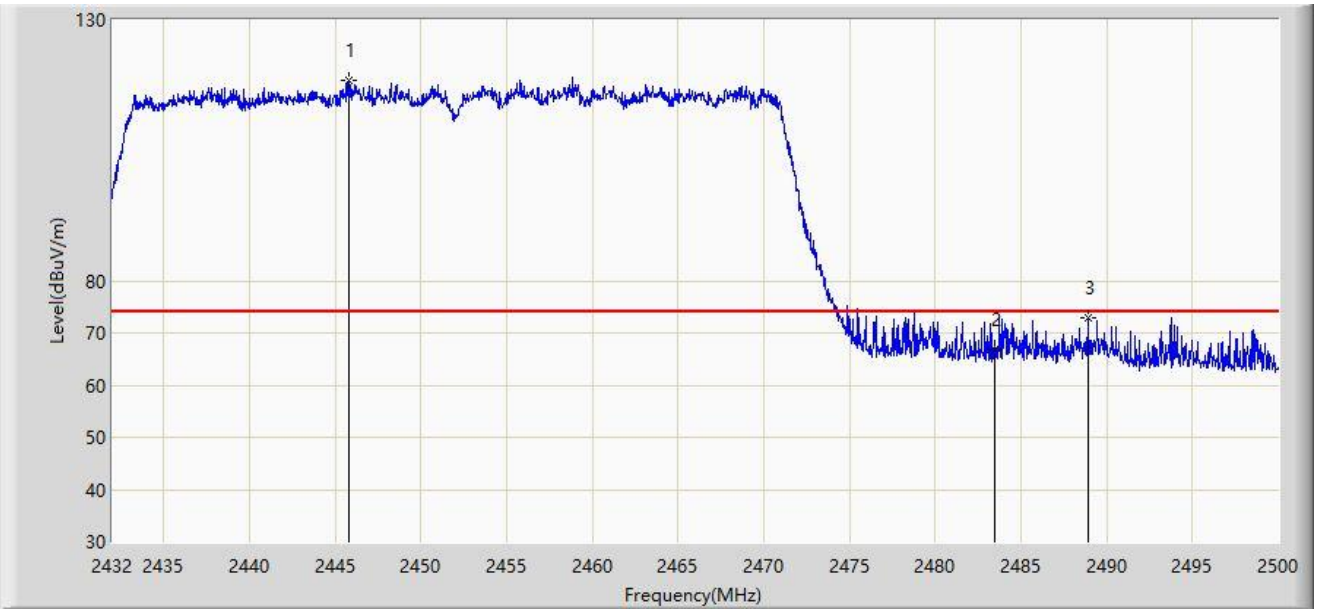

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2469.400 | 94.446 | 63.547 | N/A | N/A | 30.899 | AV |
| 2 | | 2483.500 | 46.385 | 15.494 | -7.615 | 54.000 | 30.892 | AV |
| 3 | * | 2488.950 | 47.949 | 17.066 | -6.051 | 54.000 | 30.882 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2452MHz | |



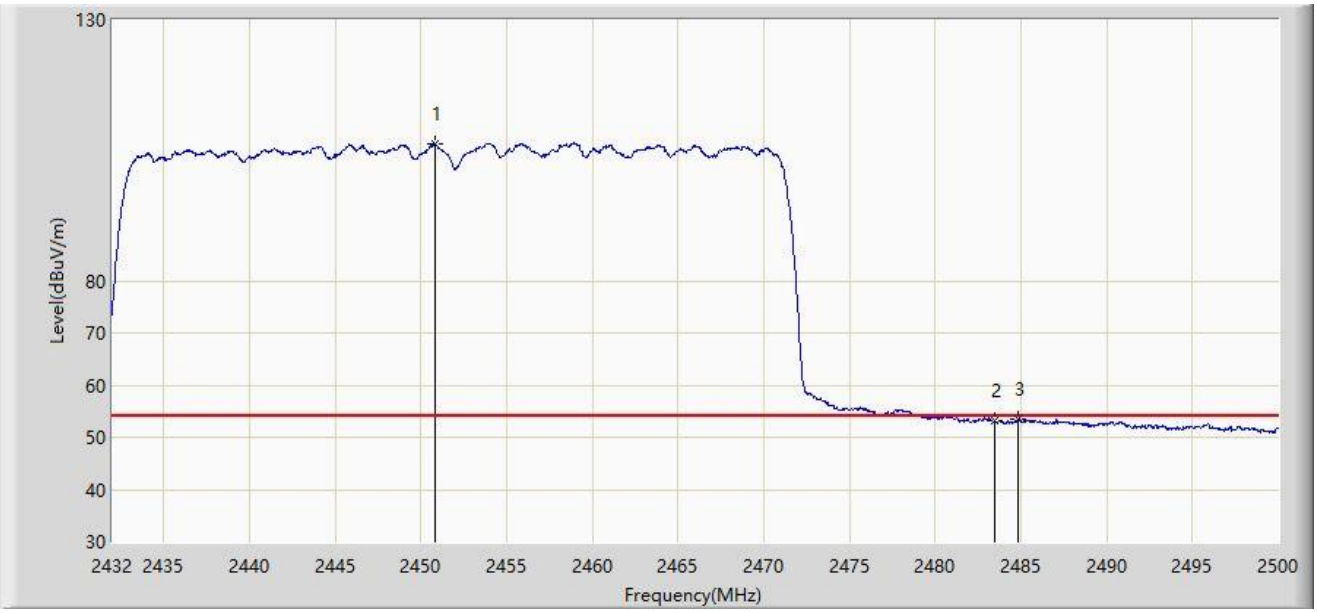

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2445.838 | 118.372 | 87.506 | N/A | N/A | 30.866 | PK |
| 2 | | 2483.500 | 66.689 | 35.798 | -7.311 | 74.000 | 30.892 | PK |
| 3 | * | 2488.882 | 72.905 | 42.022 | -1.095 | 74.000 | 30.882 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ax-HE40 at 2452MHz | |



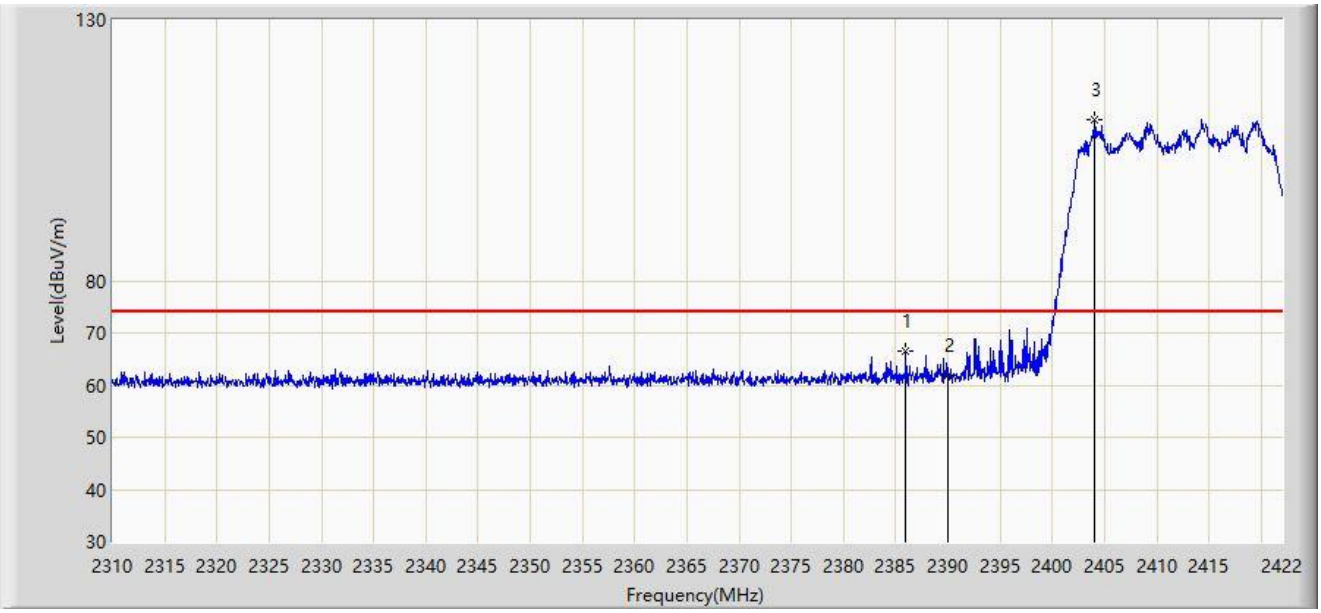

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2450.802 | 106.269 | 75.400 | N/A | N/A | 30.869 | AV |
| 2 | | 2483.500 | 53.105 | 22.214 | -0.895 | 54.000 | 30.892 | AV |
| 3 | * | 2484.870 | 53.352 | 22.463 | -0.648 | 54.000 | 30.890 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2412MHz | |



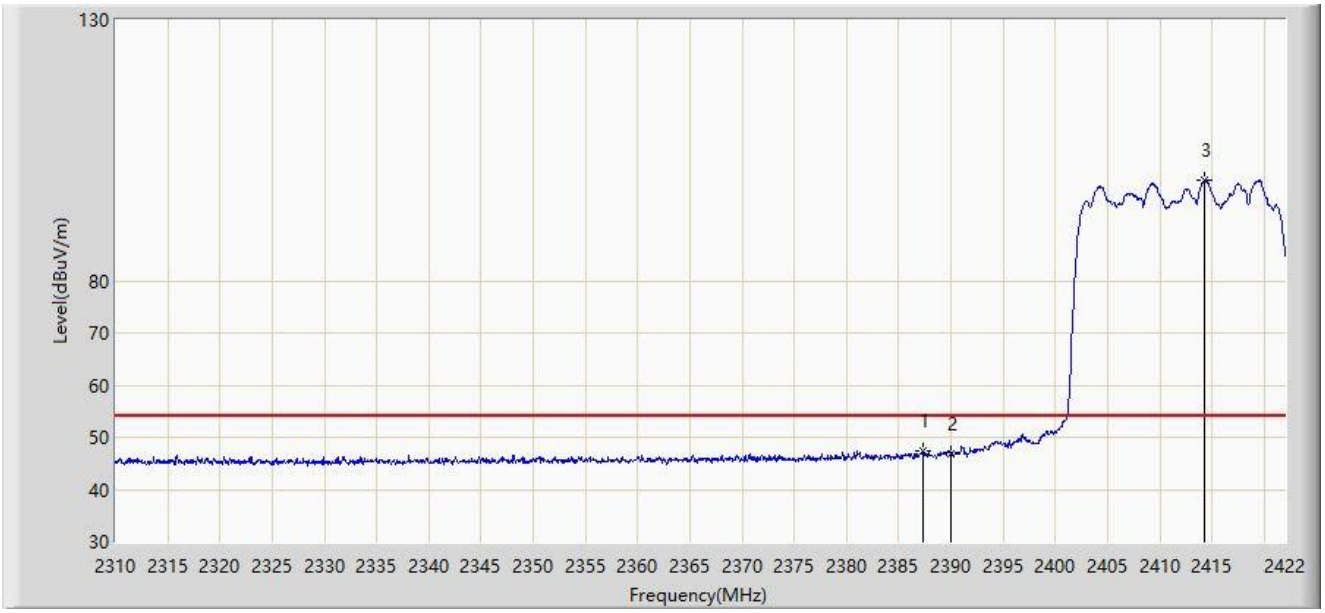

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2385.992 | 66.534 | 35.540 | -7.466 | 74.000 | 30.994 | PK |
| 2 | | 2390.000 | 61.957 | 30.965 | -12.043 | 74.000 | 30.992 | PK |
| 3 | | 2404.080 | 110.785 | 79.803 | N/A | N/A | 30.981 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2412MHz | |



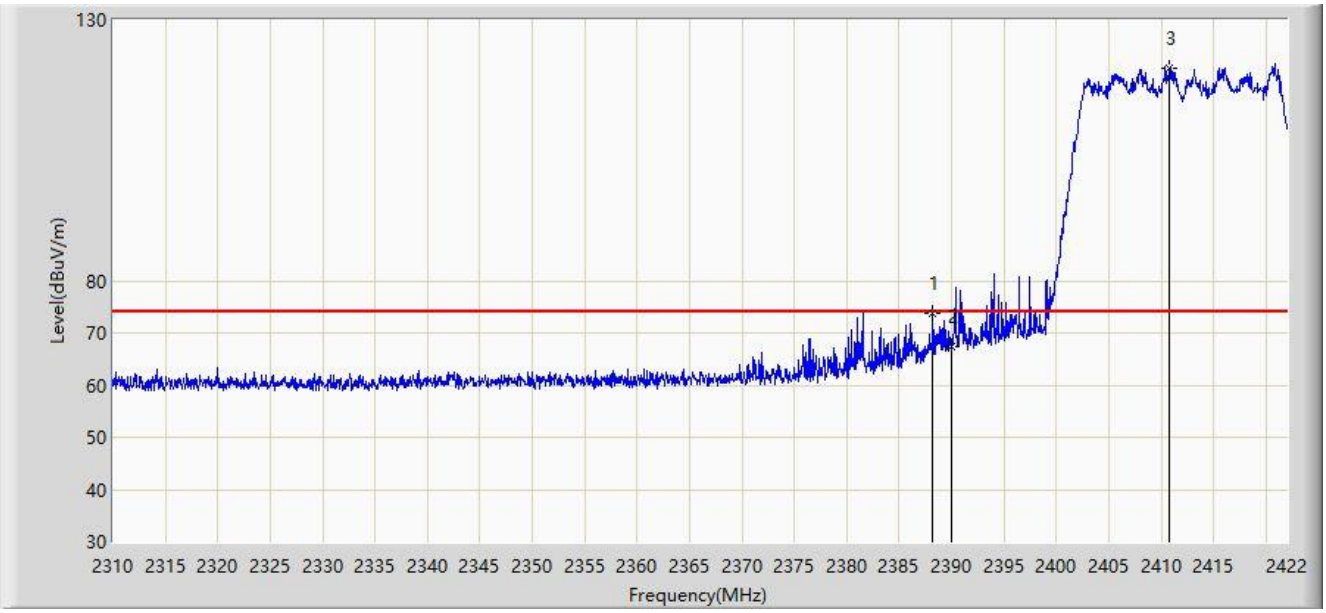

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.280 | 47.407 | 16.414 | -6.593 | 54.000 | 30.993 | AV |
| 2 | | 2390.000 | 46.849 | 15.857 | -7.151 | 54.000 | 30.992 | AV |
| 3 | | 2414.216 | 99.193 | 68.245 | N/A | N/A | 30.948 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2412MHz | |



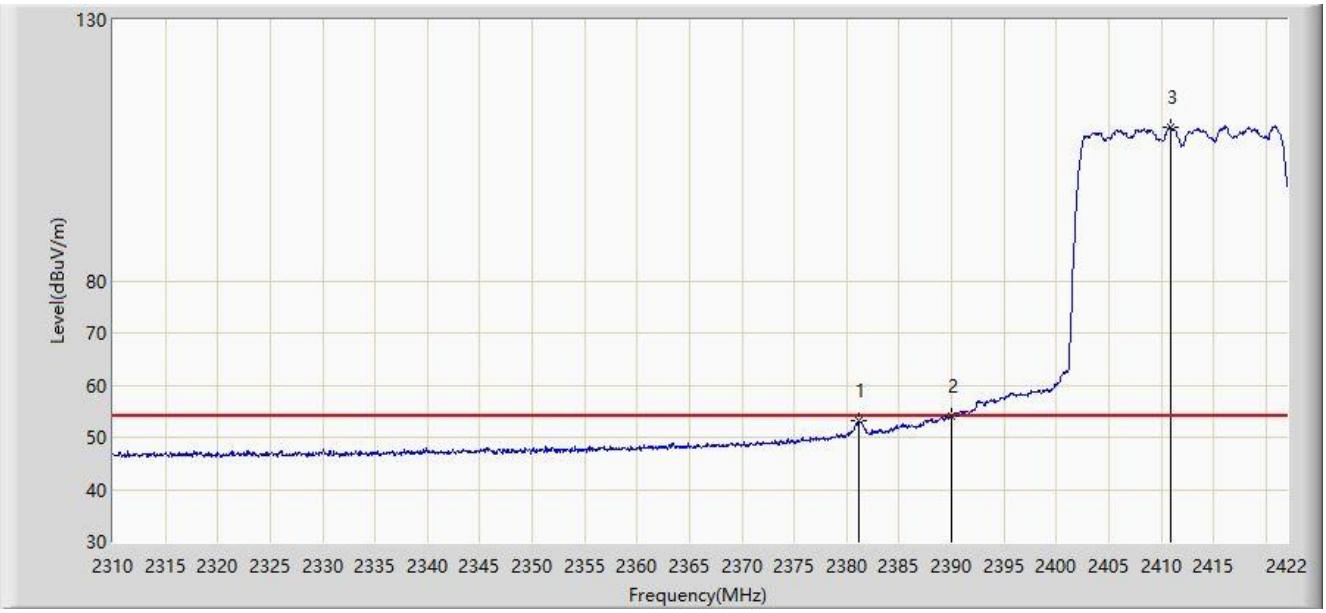

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.232 | 73.780 | 42.787 | -0.220 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 67.420 | 36.428 | -6.580 | 74.000 | 30.992 | PK |
| 3 | | 2410.800 | 120.851 | 89.893 | N/A | N/A | 30.958 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2412MHz | |



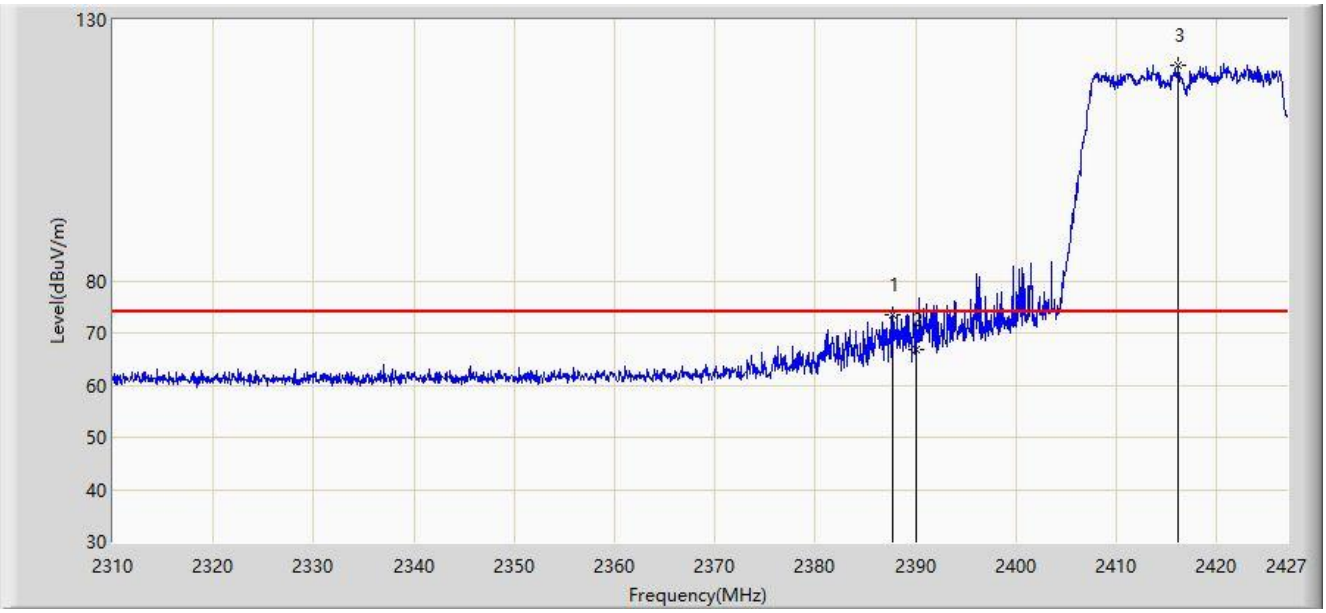

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2381.176 | 53.160 | 22.153 | -0.840 | 54.000 | 31.007 | AV |
| 2 | * | 2390.000 | 53.946 | 22.954 | -0.054 | 54.000 | 30.992 | AV |
| 3 | | 2410.856 | 109.494 | 78.537 | N/A | N/A | 30.957 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2417MHz | |



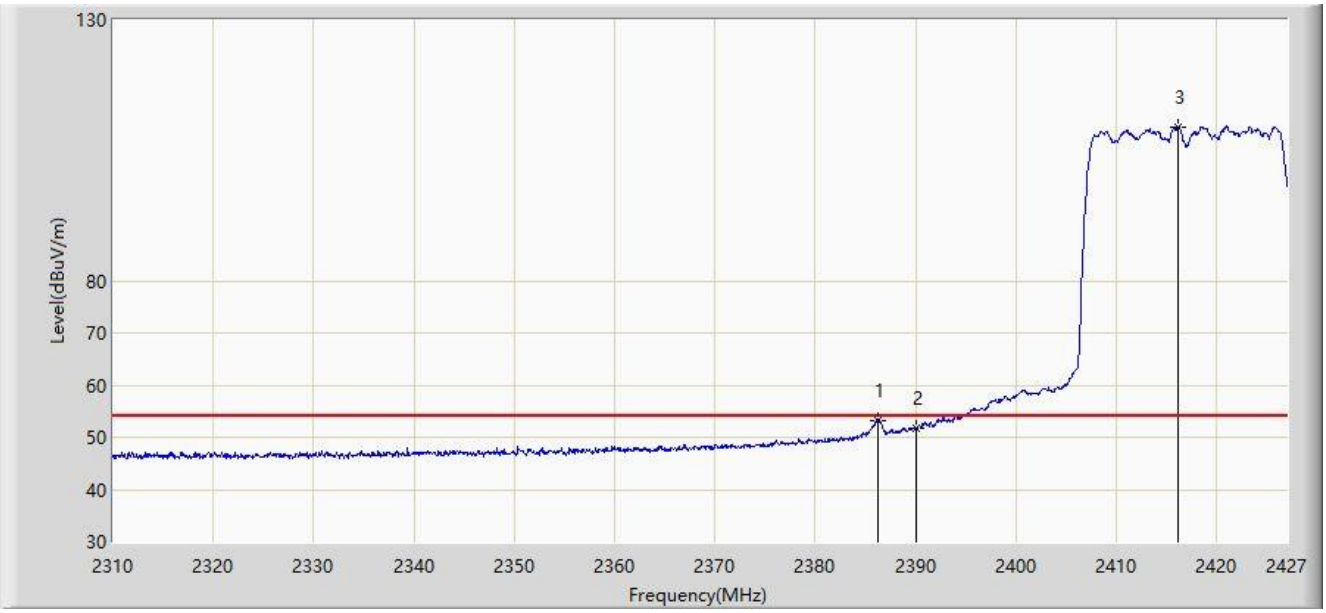

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.747 | 73.560 | 42.567 | -0.440 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 66.943 | 35.951 | -7.057 | 74.000 | 30.992 | PK |
| 3 | | 2416.177 | 121.425 | 90.482 | N/A | N/A | 30.943 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2417MHz | |



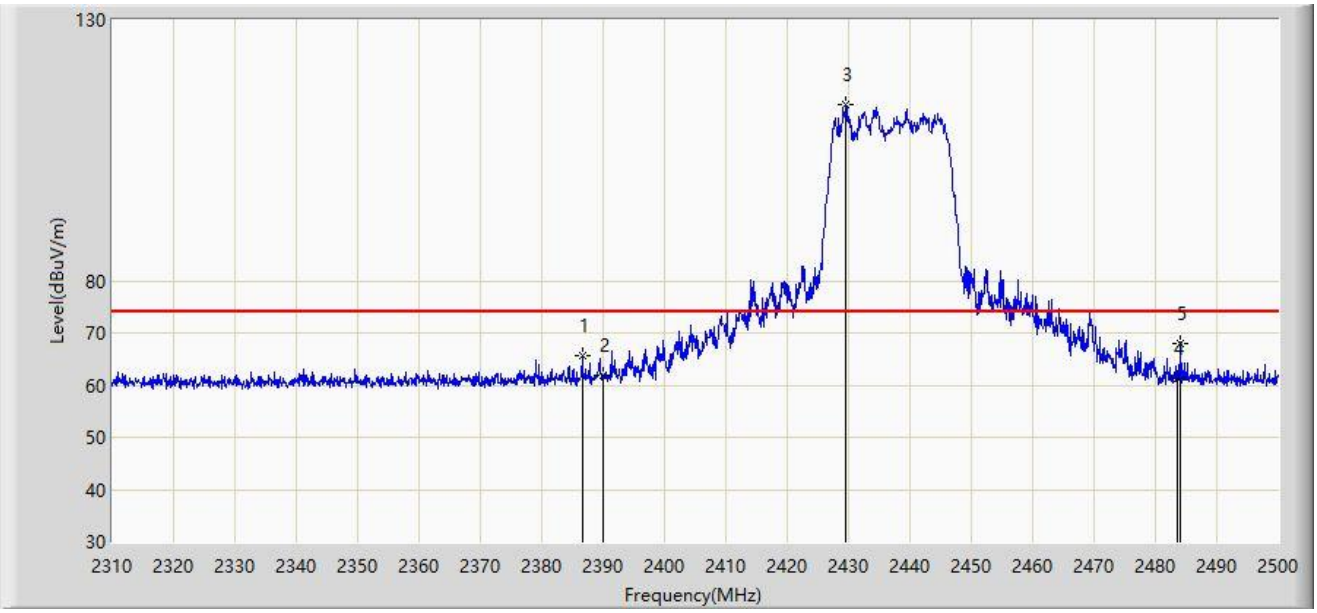

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2386.226 | 53.289 | 22.295 | -0.711 | 54.000 | 30.994 | AV |
| 2 | | 2390.000 | 51.637 | 20.645 | -2.363 | 54.000 | 30.992 | AV |
| 3 | | 2416.119 | 109.407 | 78.464 | N/A | N/A | 30.943 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2437MHz | |



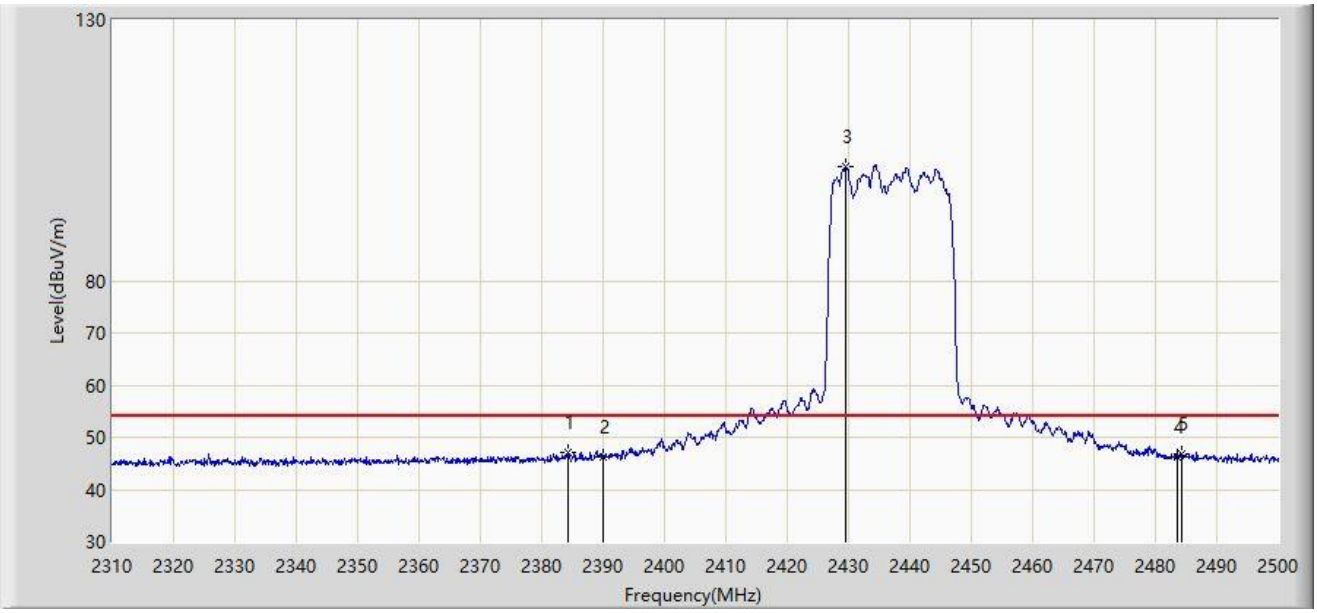

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2386.570 | 65.564 | 34.570 | -8.436 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 61.812 | 30.820 | -12.188 | 74.000 | 30.992 | PK |
| 3 | | 2429.605 | 113.889 | 82.996 | N/A | N/A | 30.893 | PK |
| 4 | | 2483.500 | 61.301 | 30.410 | -12.699 | 74.000 | 30.892 | PK |
| 5 | * | 2484.135 | 67.998 | 37.108 | -6.002 | 74.000 | 30.891 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2437MHz | |



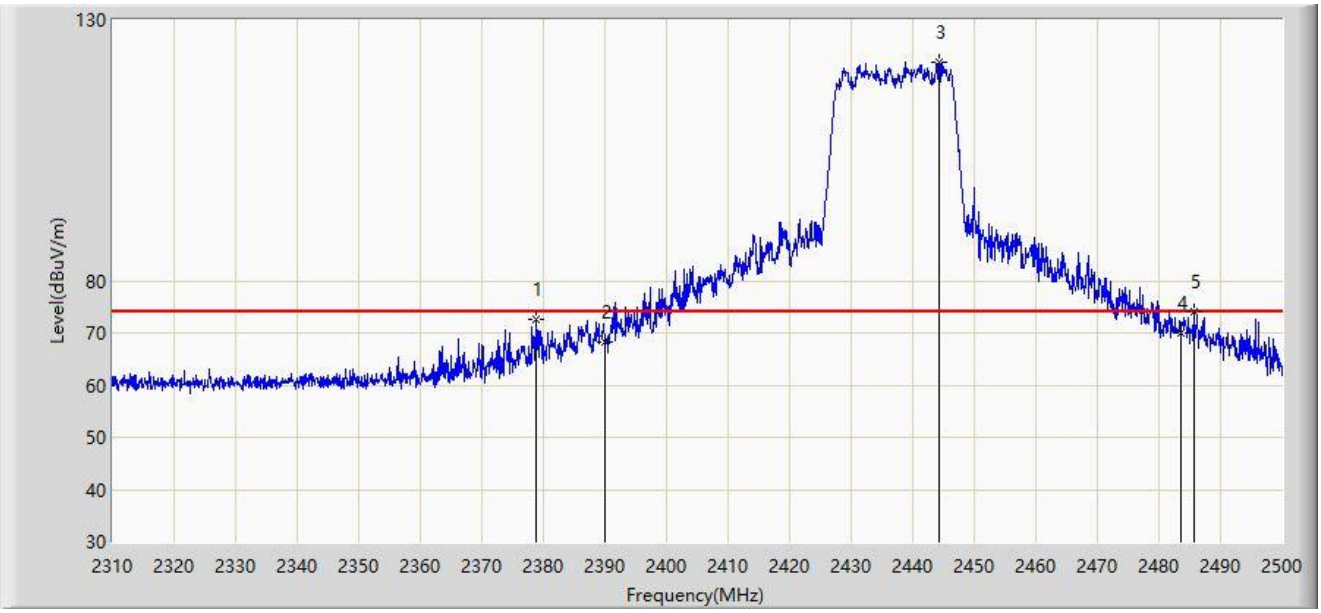

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2384.385 | 46.966 | 15.971 | -7.034 | 54.000 | 30.995 | AV |
| 2 | | 2390.000 | 46.277 | 15.285 | -7.723 | 54.000 | 30.992 | AV |
| 3 | | 2429.510 | 101.946 | 71.052 | N/A | N/A | 30.894 | AV |
| 4 | | 2483.500 | 46.361 | 15.470 | -7.639 | 54.000 | 30.892 | AV |
| 5 | | 2484.325 | 46.913 | 16.023 | -7.087 | 54.000 | 30.890 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2437MHz | |



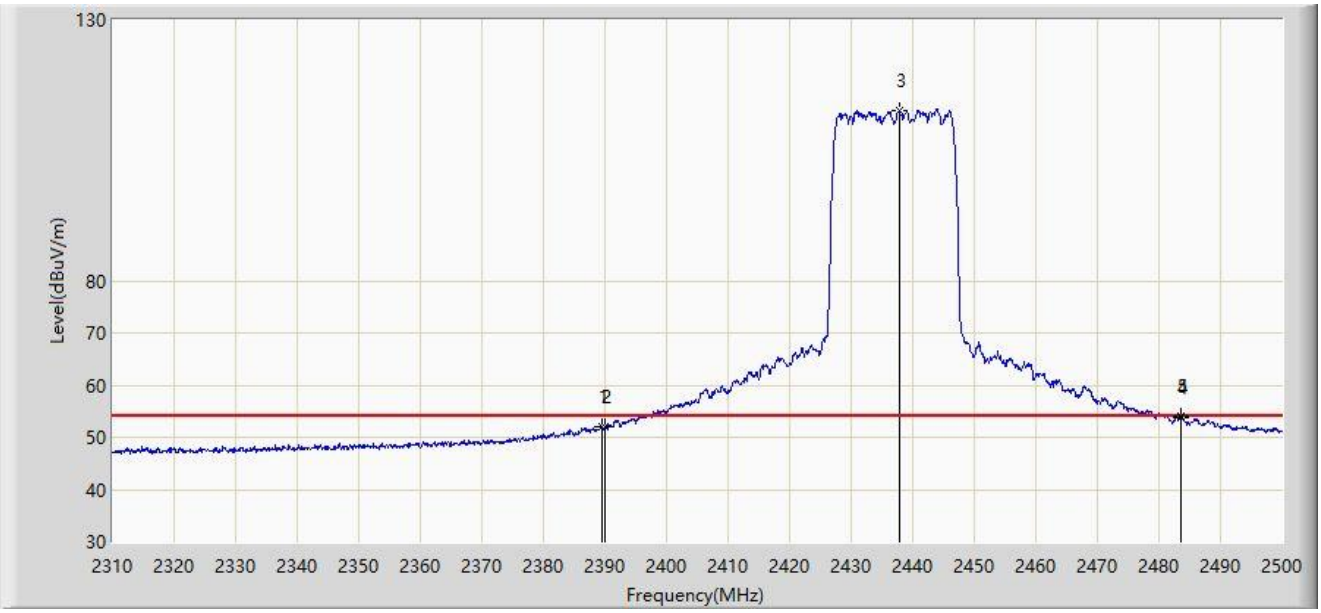

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2378.780 | 72.728 | 41.710 | -1.272 | 74.000 | 31.018 | PK |
| 2 | | 2390.000 | 68.285 | 37.293 | -5.715 | 74.000 | 30.992 | PK |
| 3 | | 2444.330 | 121.822 | 90.956 | N/A | N/A | 30.866 | PK |
| 4 | | 2483.500 | 69.998 | 39.107 | -4.002 | 74.000 | 30.892 | PK |
| 5 | * | 2485.655 | 73.987 | 43.099 | -0.013 | 74.000 | 30.888 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2437MHz | |



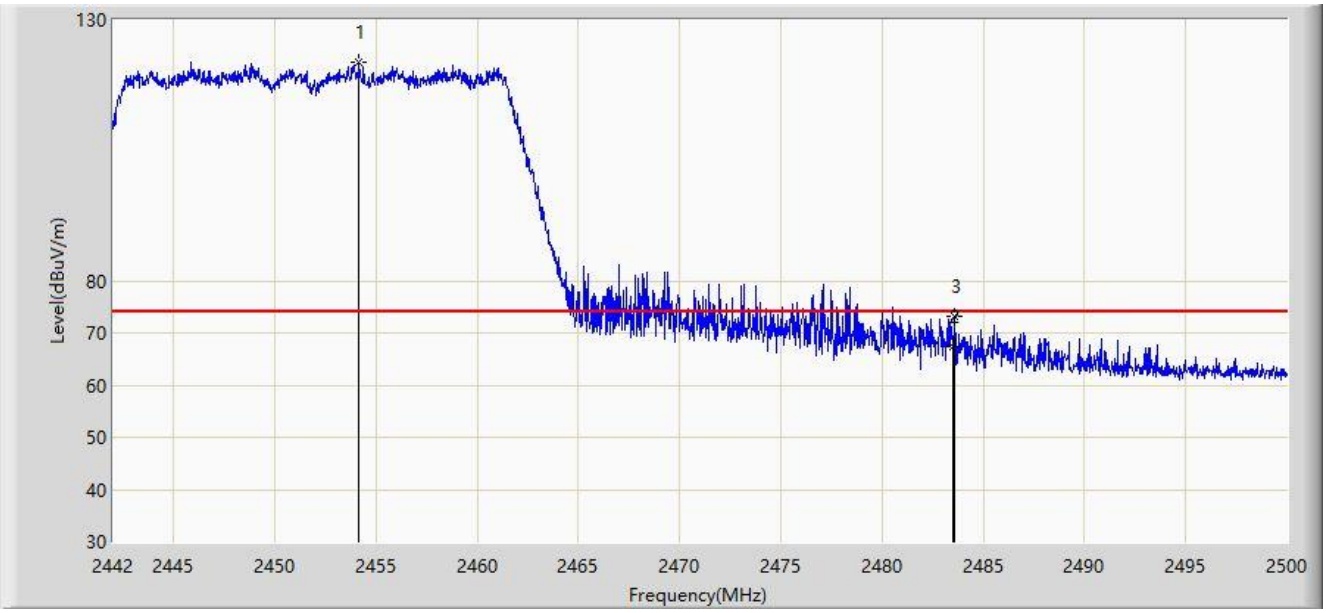

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2389.420 | 52.091 | 21.099 | -1.909 | 54.000 | 30.993 | AV |
| 2 | | 2390.000 | 51.995 | 21.003 | -2.005 | 54.000 | 30.992 | AV |
| 3 | | 2437.775 | 112.518 | 81.653 | N/A | N/A | 30.864 | AV |
| 4 | | 2483.500 | 53.867 | 22.976 | -0.133 | 54.000 | 30.892 | AV |
| 5 | * | 2483.565 | 53.956 | 23.065 | -0.044 | 54.000 | 30.892 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2452MHz | |



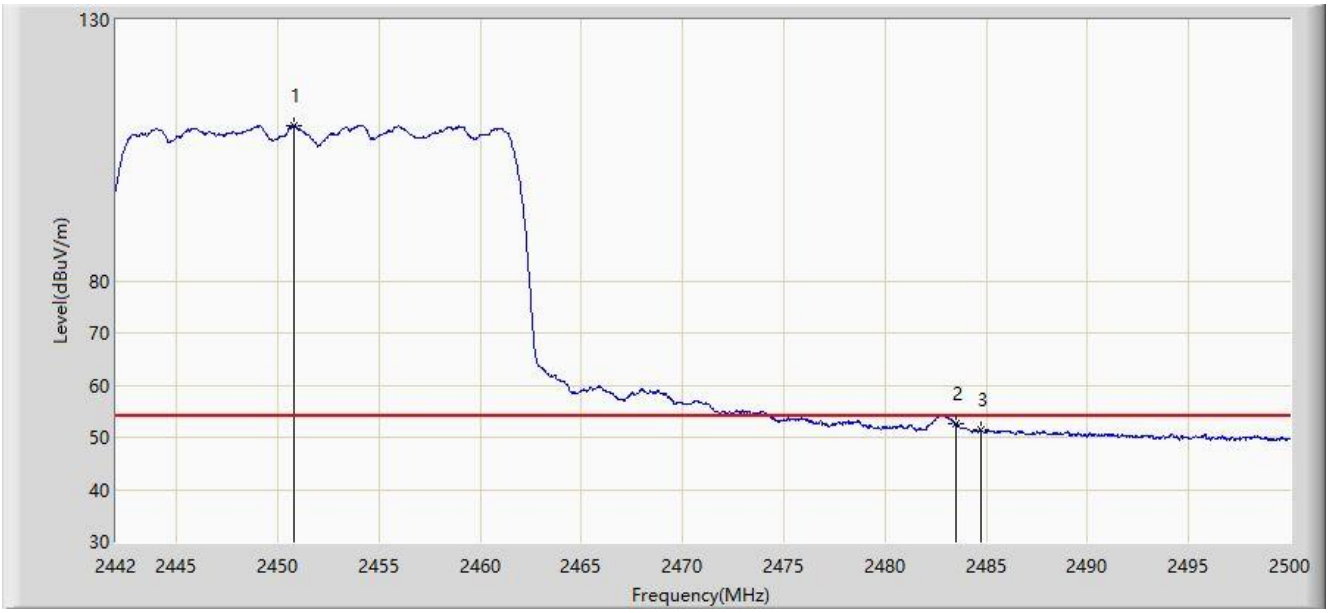

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2454.151 | 121.956 | 91.086 | N/A | N/A | 30.870 | PK |
| 2 | | 2483.500 | 67.293 | 36.402 | -6.707 | 74.000 | 30.892 | PK |
| 3 | * | 2483.586 | 73.098 | 42.207 | -0.902 | 74.000 | 30.892 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2452MHz | |



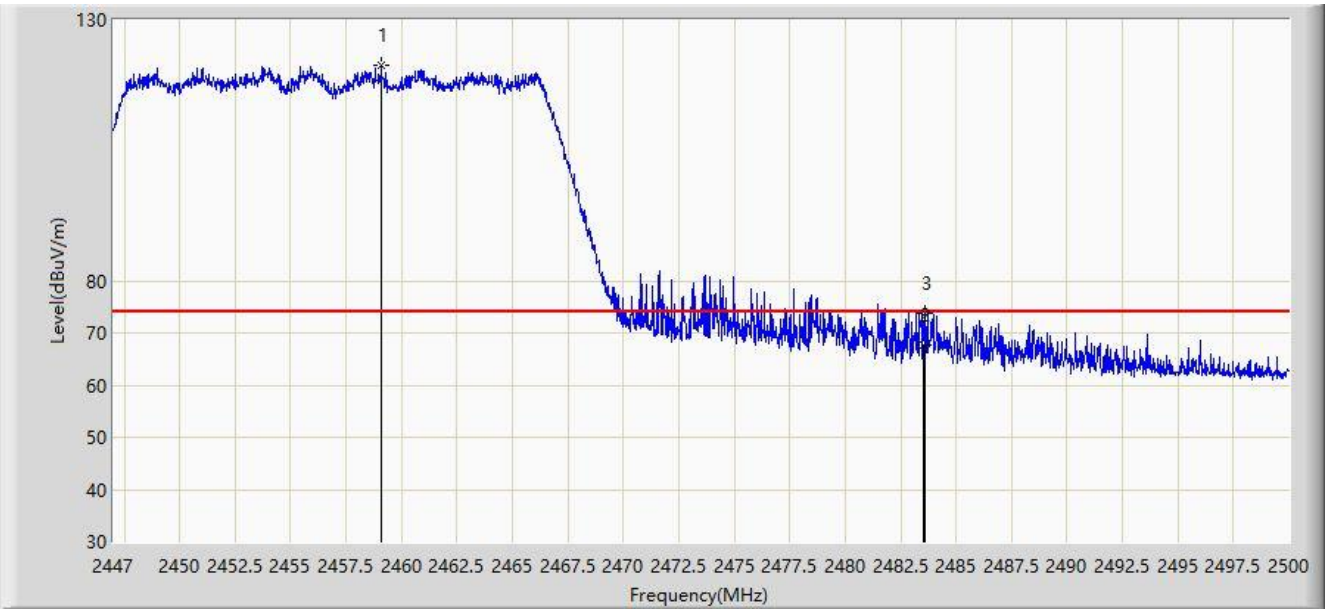

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2450.816 | 109.690 | 78.821 | N/A | N/A | 30.869 | AV |
| 2 | * | 2483.500 | 52.679 | 21.788 | -1.321 | 54.000 | 30.892 | AV |
| 3 | | 2484.717 | 51.334 | 20.445 | -2.666 | 54.000 | 30.890 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2457MHz | |



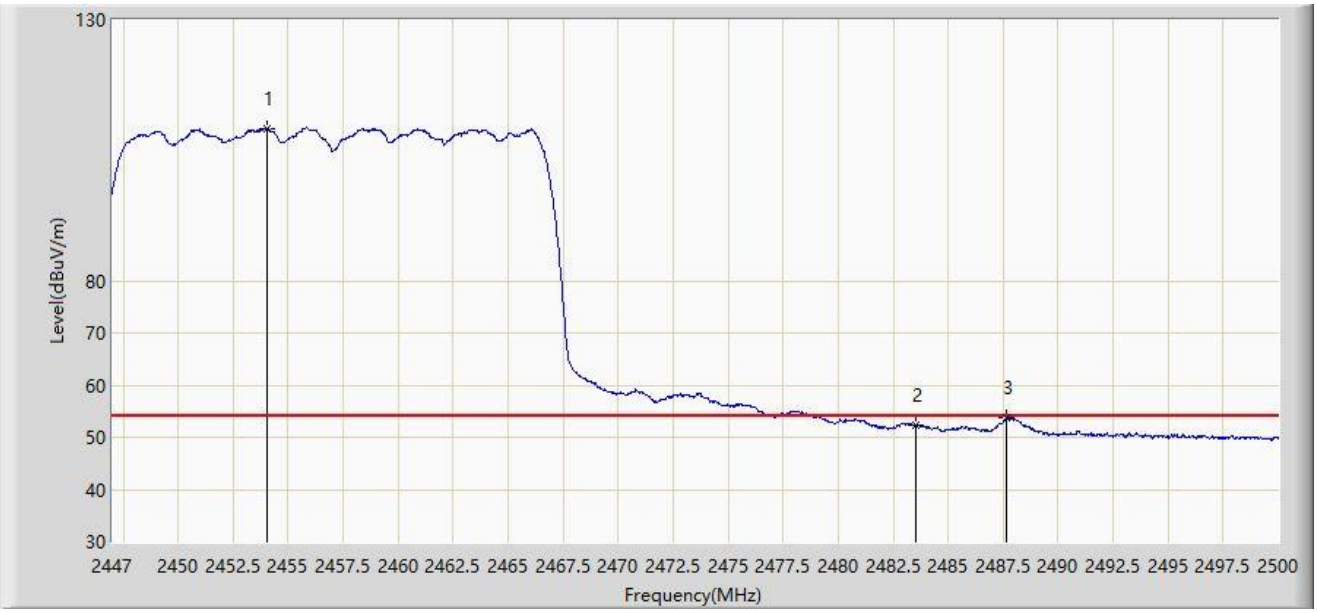

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2459.084 | 121.212 | 90.335 | N/A | N/A | 30.877 | PK |
| 2 | | 2483.500 | 67.563 | 36.672 | -6.437 | 74.000 | 30.892 | PK |
| 3 | * | 2483.596 | 73.702 | 42.811 | -0.298 | 74.000 | 30.892 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2457MHz | |



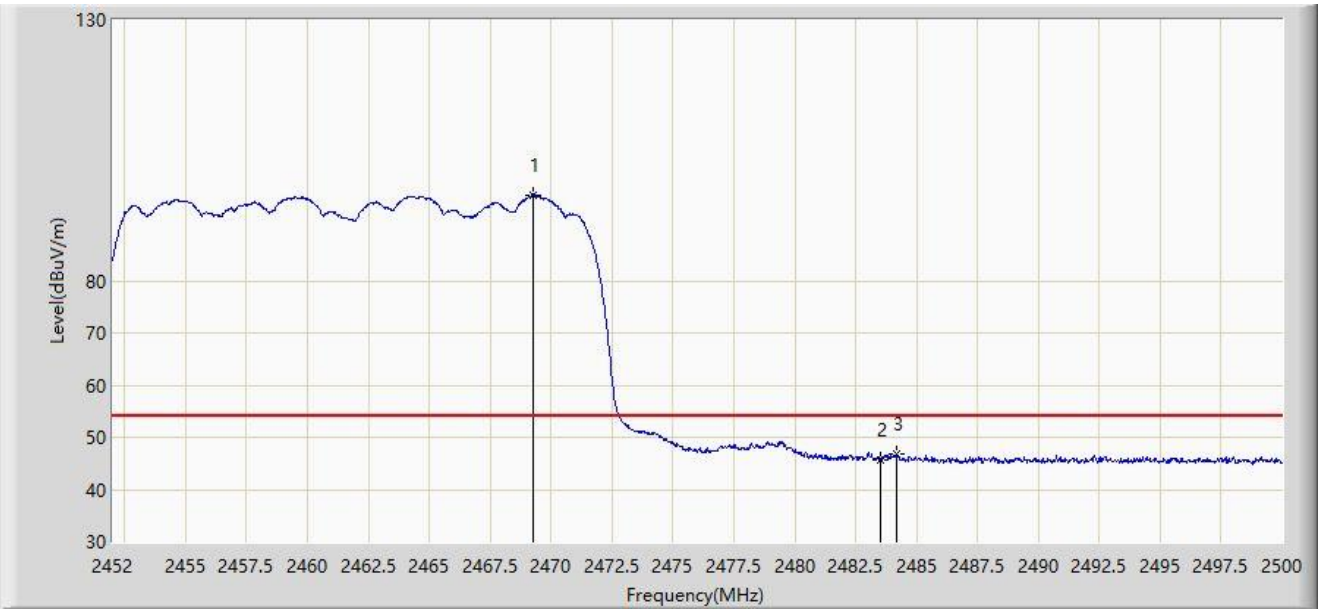

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2454.049 | 109.047 | 78.177 | N/A | N/A | 30.870 | AV |
| 2 | | 2483.500 | 52.255 | 21.364 | -1.745 | 54.000 | 30.892 | AV |
| 3 | * | 2487.677 | 53.808 | 22.923 | -0.192 | 54.000 | 30.885 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2462MHz | |



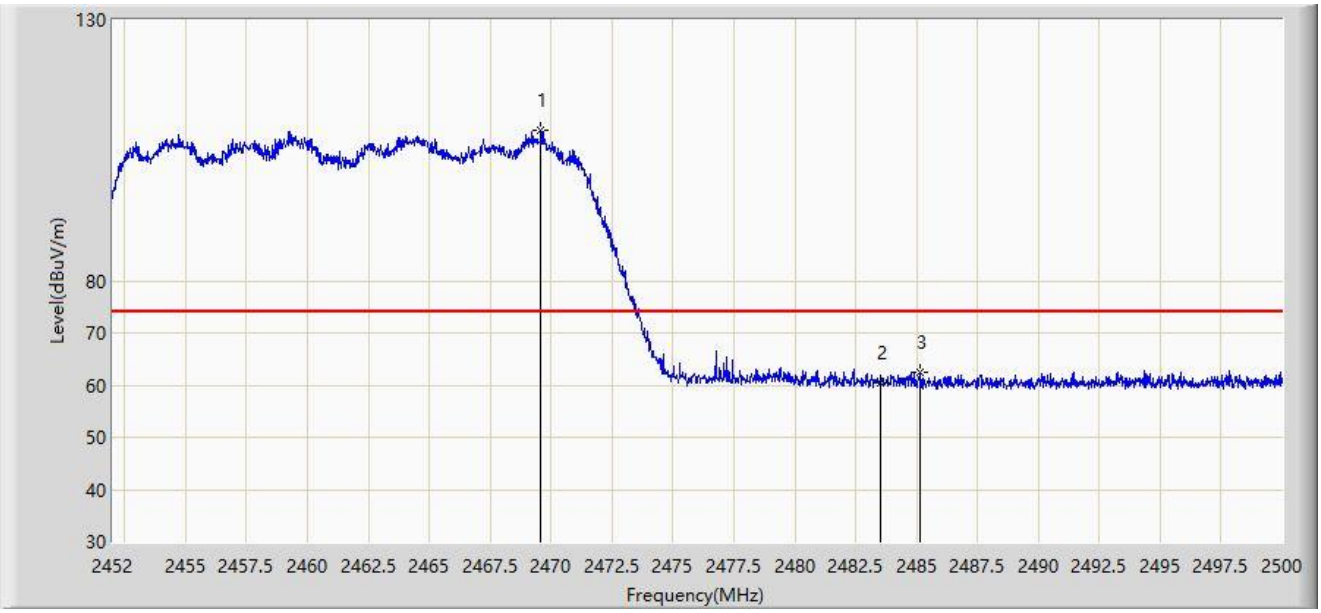

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2469.256 | 96.461 | 65.562 | N/A | N/A | 30.898 | AV |
| 2 | | 2483.500 | 45.688 | 14.797 | -8.312 | 54.000 | 30.892 | AV |
| 3 | * | 2484.208 | 46.806 | 15.916 | -7.194 | 54.000 | 30.891 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2462MHz | |



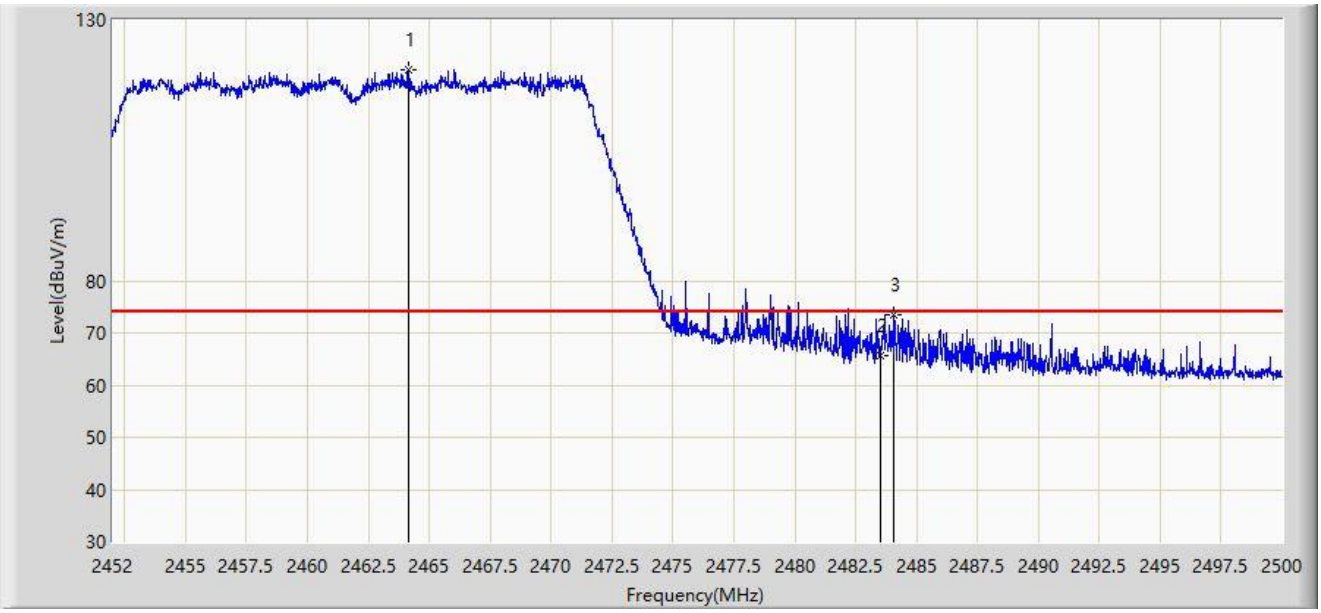

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2469.592 | 108.861 | 77.962 | N/A | N/A | 30.899 | PK |
| 2 | | 2483.500 | 60.551 | 29.660 | -13.449 | 74.000 | 30.892 | PK |
| 3 | * | 2485.144 | 62.563 | 31.674 | -11.437 | 74.000 | 30.889 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2462MHz | |



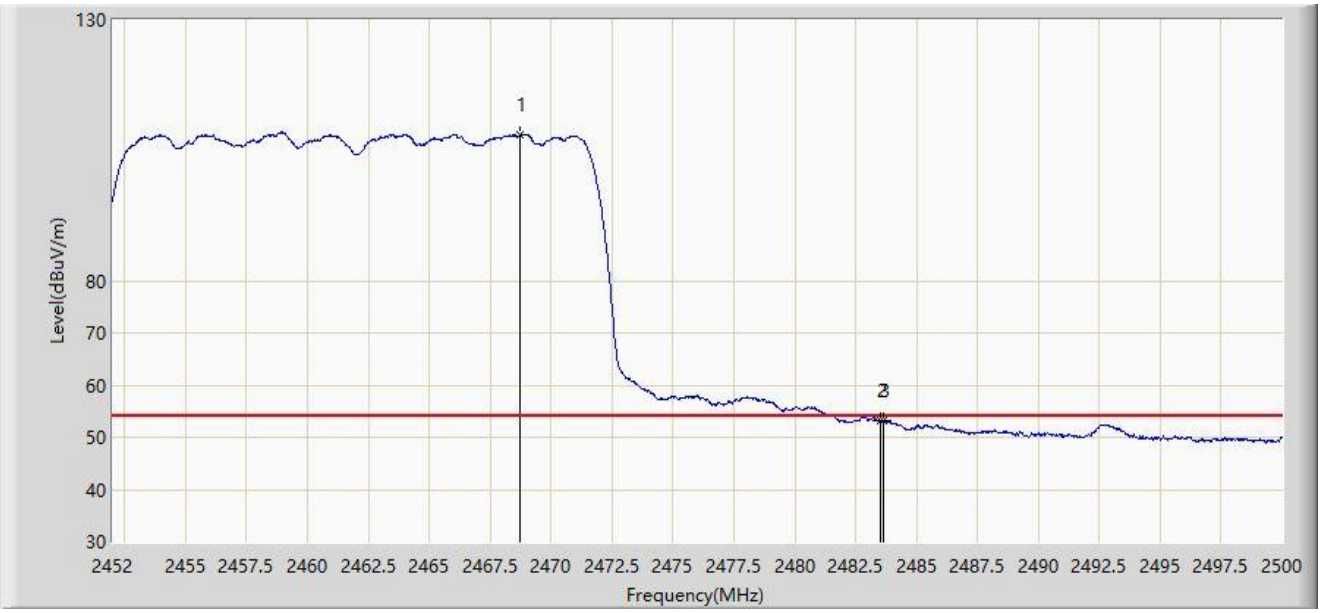

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2464.168 | 120.296 | 89.409 | N/A | N/A | 30.887 | PK |
| 2 | | 2483.500 | 65.701 | 34.809 | -8.299 | 74.000 | 30.892 | PK |
| 3 | * | 2484.040 | 73.419 | 42.528 | -0.581 | 74.000 | 30.891 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT20 at 2462MHz | |



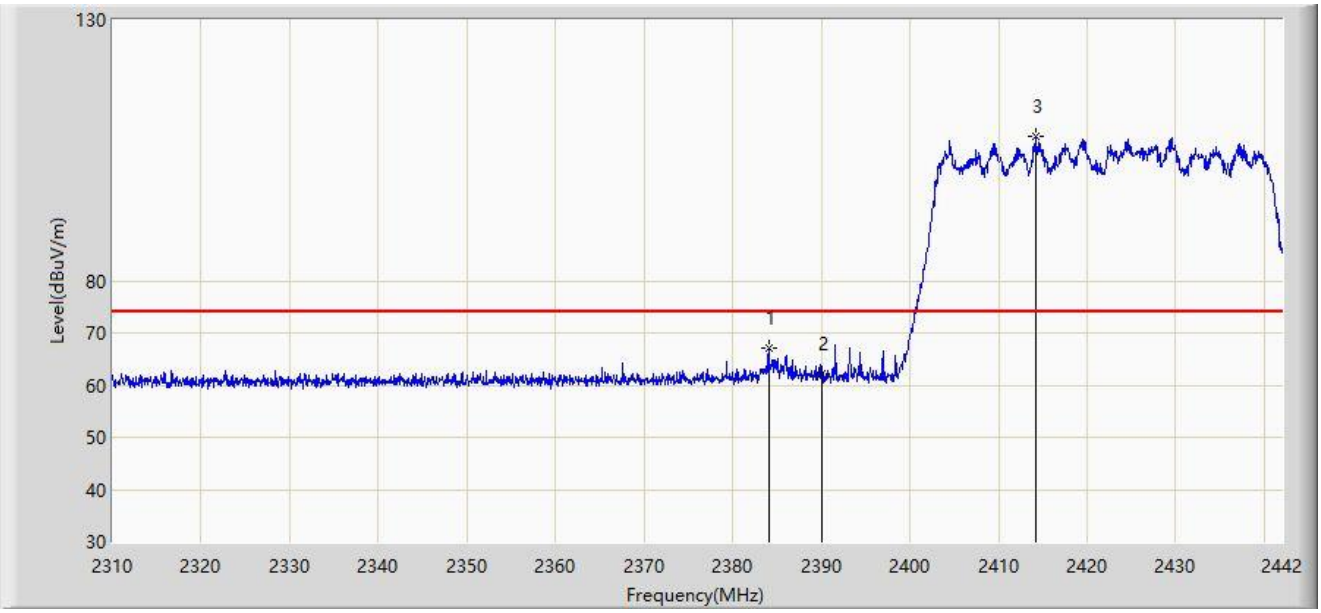

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2468.704 | 107.868 | 76.971 | N/A | N/A | 30.898 | AV |
| 2 | | 2483.500 | 53.098 | 22.207 | -0.902 | 54.000 | 30.892 | AV |
| 3 | * | 2483.656 | 53.319 | 22.428 | -0.681 | 54.000 | 30.892 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2422MHz | |



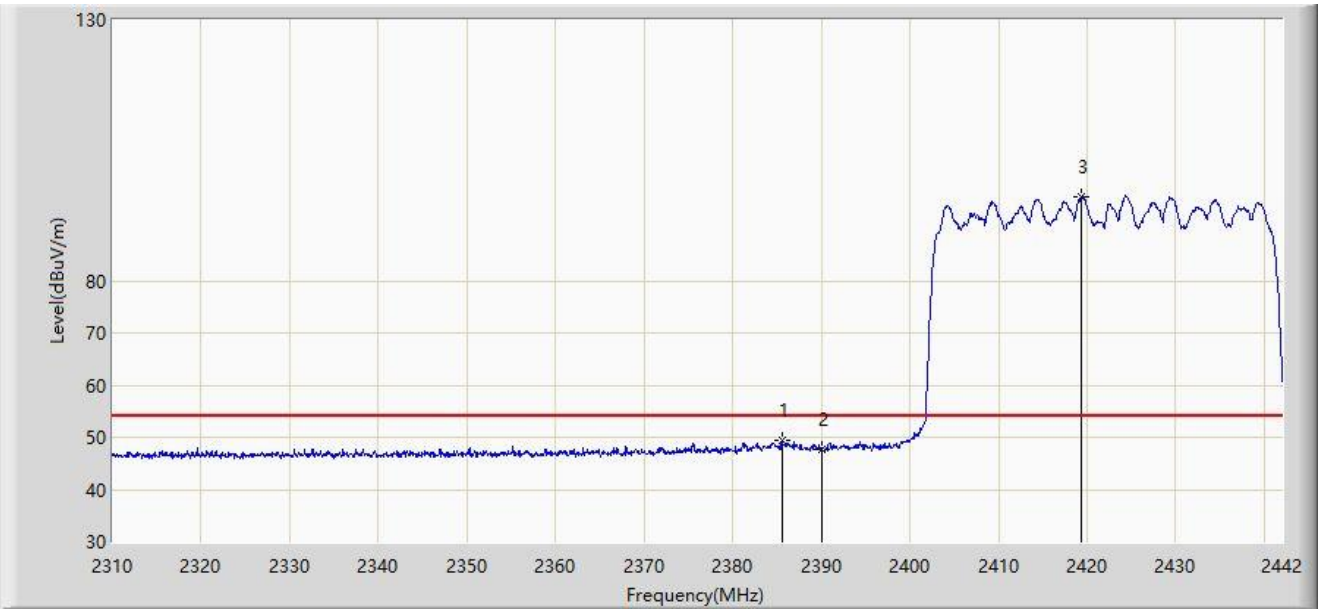

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2384.052 | 67.210 | 36.215 | -6.790 | 74.000 | 30.995 | PK |
| 2 | | 2390.000 | 62.172 | 31.180 | -11.828 | 74.000 | 30.992 | PK |
| 3 | | 2414.148 | 107.602 | 76.653 | N/A | N/A | 30.948 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2422MHz | |



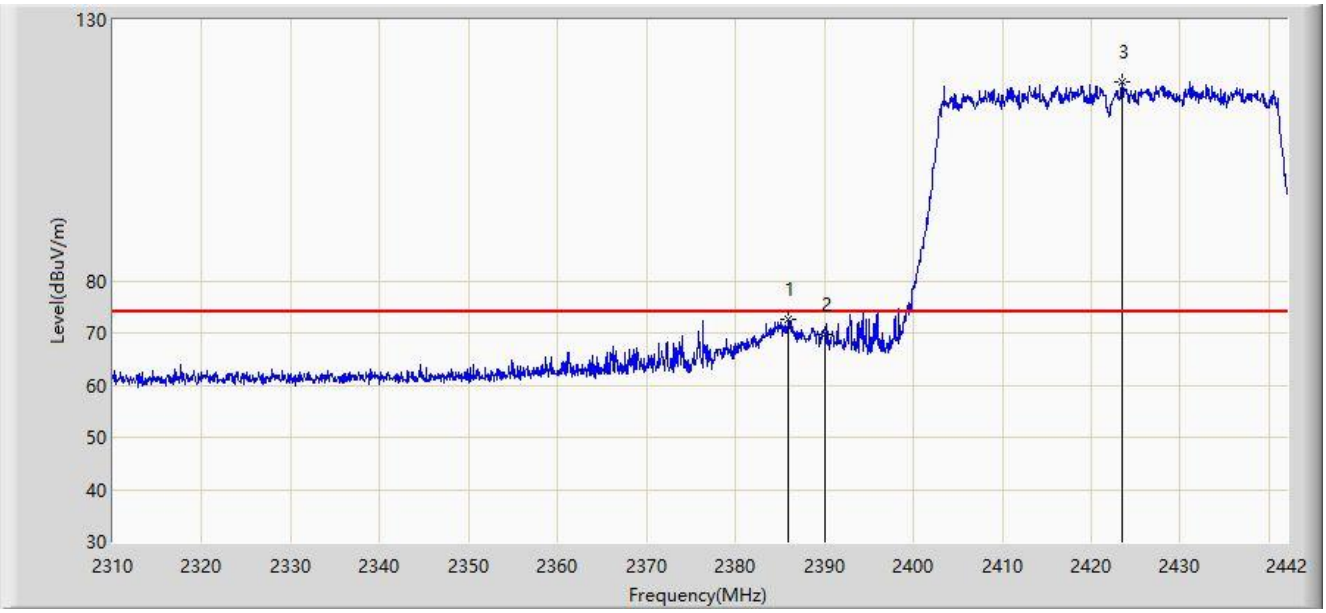

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2385.570 | 49.320 | 18.326 | -4.680 | 54.000 | 30.994 | AV |
| 2 | | 2390.000 | 47.825 | 16.833 | -6.175 | 54.000 | 30.992 | AV |
| 3 | | 2419.362 | 96.080 | 65.145 | N/A | N/A | 30.934 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2422MHz | |



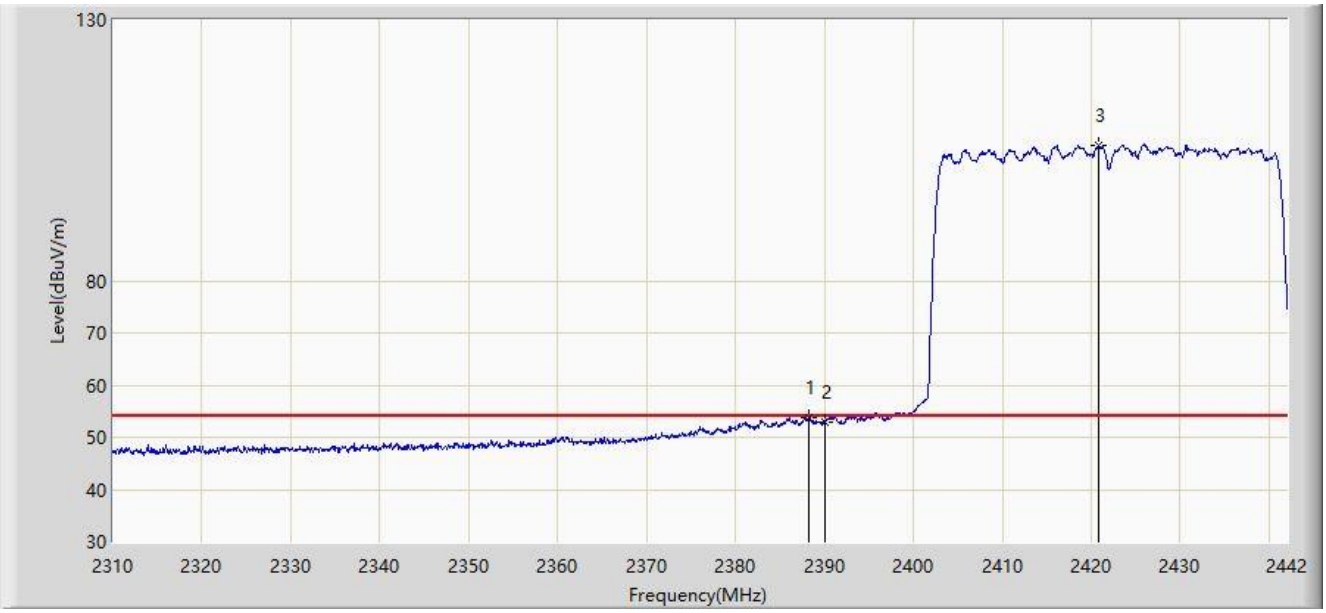

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2385.966 | 72.705 | 41.711 | -1.295 | 74.000 | 30.994 | PK |
| 2 | | 2390.000 | 69.695 | 38.703 | -4.305 | 74.000 | 30.992 | PK |
| 3 | | 2423.520 | 118.189 | 87.271 | N/A | N/A | 30.918 | 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: WZ-AC1 | Test Date: 2023-01-29 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2422MHz | |



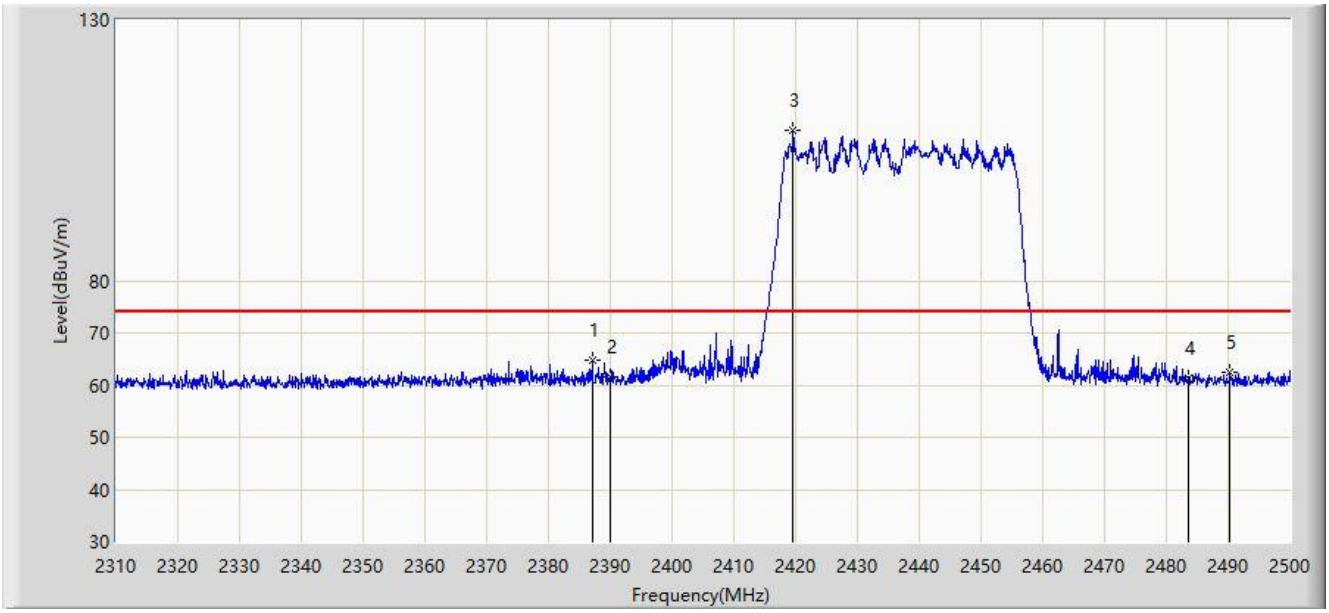

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2388.276 | 53.765 | 22.772 | -0.235 | 54.000 | 30.993 | AV |
| 2 | | 2390.000 | 52.826 | 21.834 | -1.174 | 54.000 | 30.992 | AV |
| 3 | | 2420.814 | 106.005 | 75.076 | N/A | N/A | 30.930 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2437MHz | |



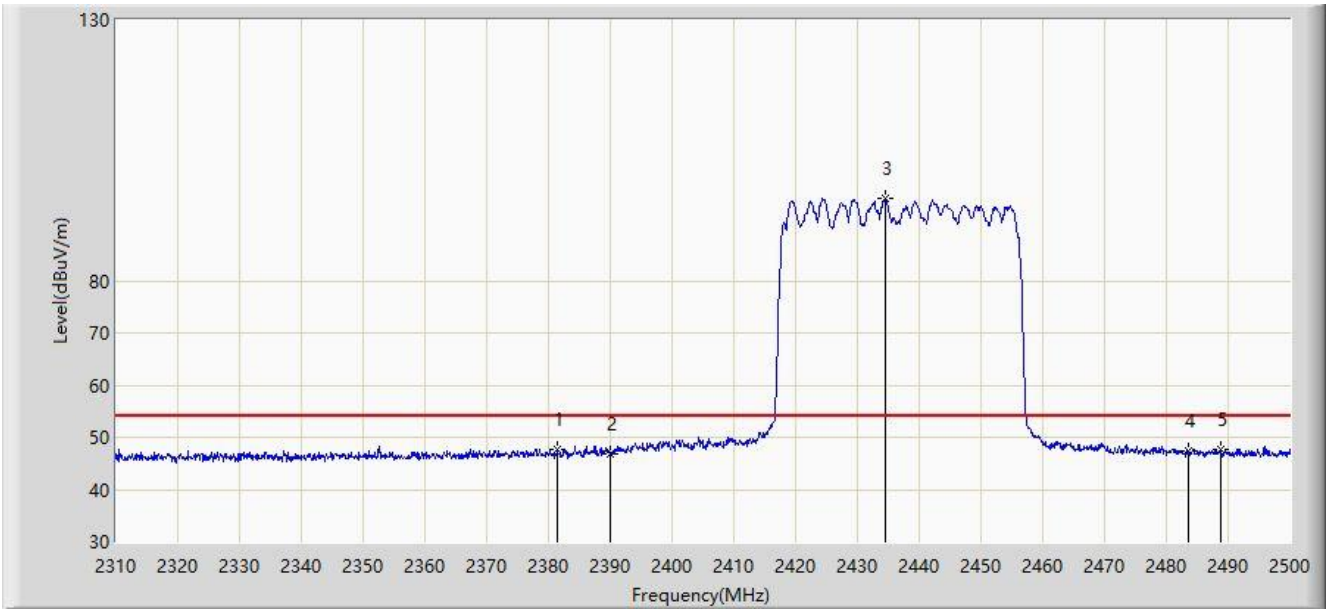

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 2387.140 | 64.748 | 33.755 | -9.252 | 74.000 | 30.994 | PK |
| 2 | | 2390.000 | 61.653 | 30.661 | -12.347 | 74.000 | 30.992 | PK |
| 3 | | 2419.630 | 108.904 | 77.970 | N/A | N/A | 30.934 | PK |
| 4 | | 2483.500 | 61.328 | 30.437 | -12.672 | 74.000 | 30.892 | PK |
| 5 | | 2490.310 | 62.460 | 31.580 | -11.540 | 74.000 | 30.880 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2437MHz | |



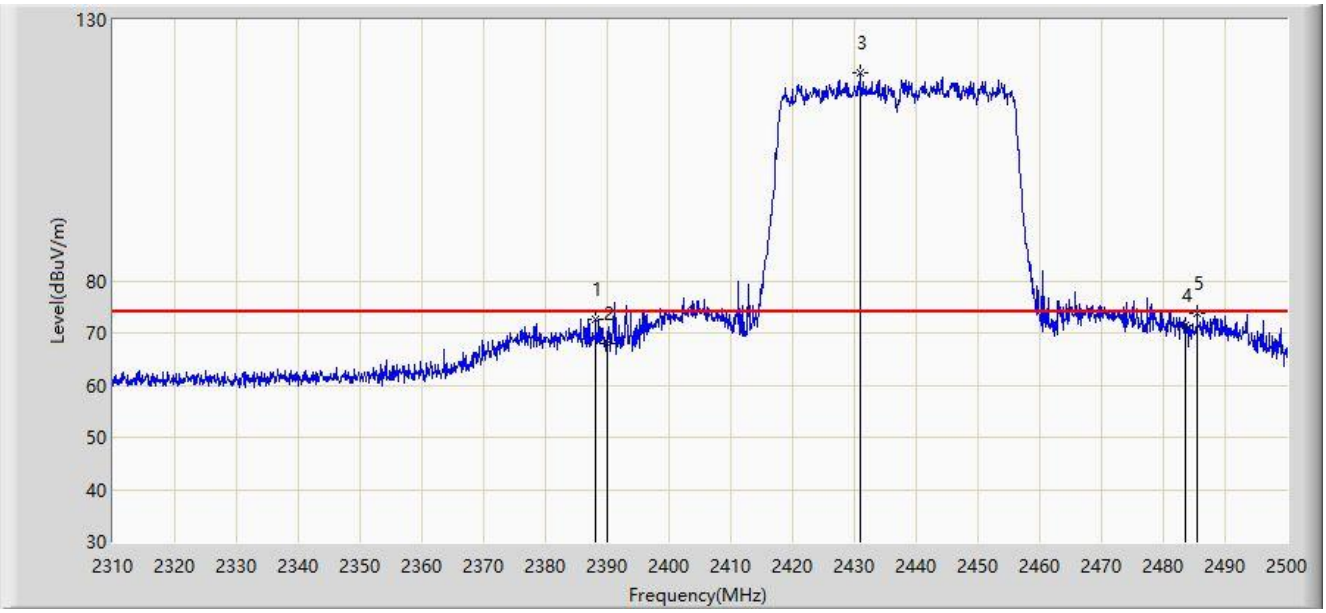

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2381.440 | 47.547 | 16.541 | -6.453 | 54.000 | 31.007 | AV |
| 2 | | 2390.000 | 46.811 | 15.819 | -7.189 | 54.000 | 30.992 | AV |
| 3 | | 2434.640 | 95.794 | 64.918 | N/A | N/A | 30.876 | AV |
| 4 | | 2483.500 | 47.369 | 16.478 | -6.631 | 54.000 | 30.892 | AV |
| 5 | * | 2488.695 | 47.558 | 16.675 | -6.442 | 54.000 | 30.883 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2437MHz | |



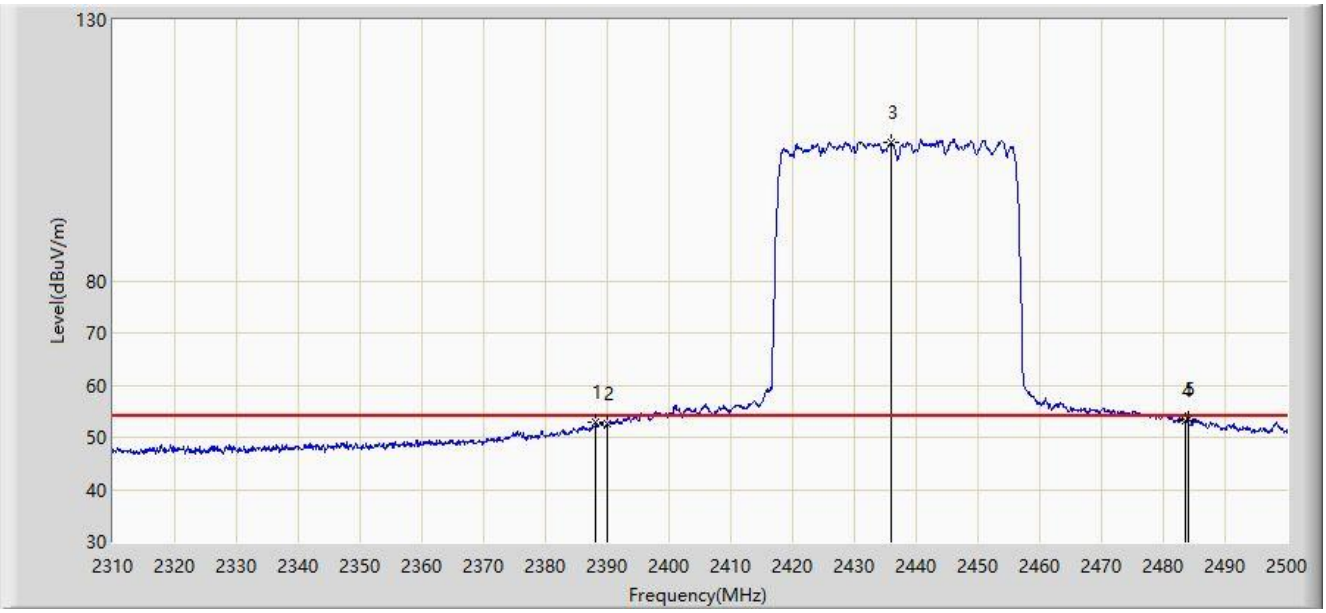

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.185 | 72.603 | 41.610 | -1.397 | 74.000 | 30.993 | PK |
| 2 | | 2390.000 | 68.062 | 37.070 | -5.938 | 74.000 | 30.992 | PK |
| 3 | | 2430.840 | 119.872 | 88.983 | N/A | N/A | 30.889 | PK |
| 4 | | 2483.500 | 71.396 | 40.505 | -2.604 | 74.000 | 30.892 | PK |
| 5 | * | 2485.465 | 73.888 | 43.000 | -0.112 | 74.000 | 30.888 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2437MHz | |



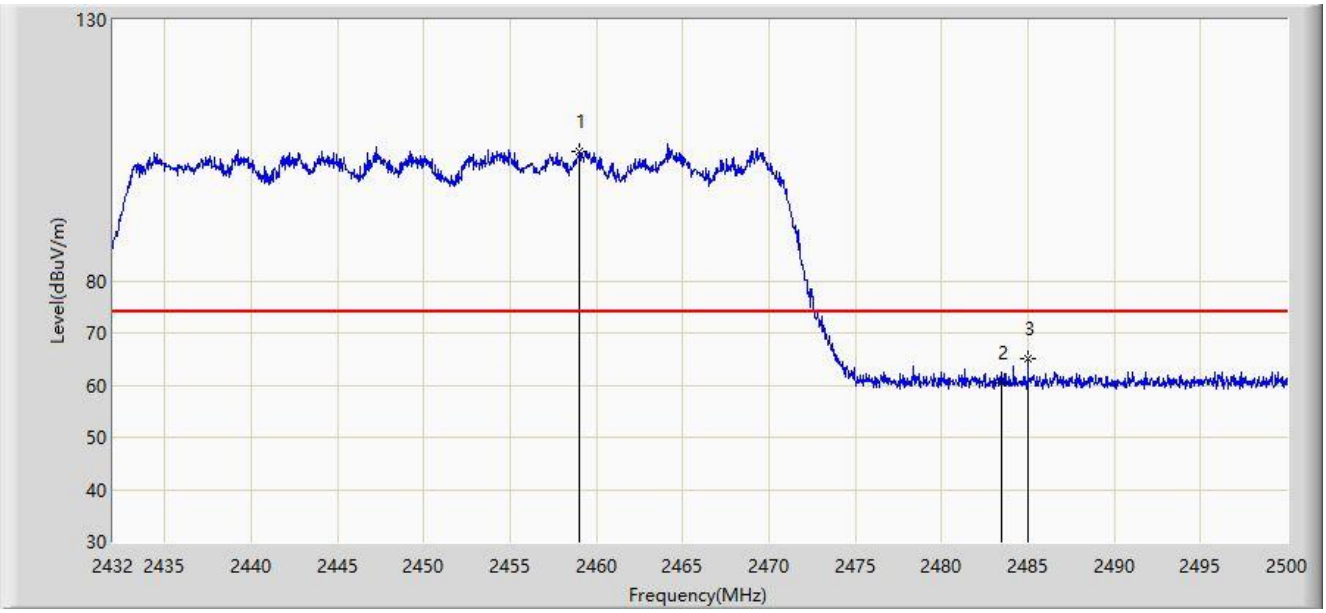

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2388.090 | 52.938 | 21.945 | -1.062 | 54.000 | 30.993 | AV |
| 2 | | 2390.000 | 52.623 | 21.631 | -1.377 | 54.000 | 30.992 | AV |
| 3 | | 2435.875 | 106.645 | 75.774 | N/A | N/A | 30.872 | AV |
| 4 | | 2483.500 | 53.127 | 22.236 | -0.873 | 54.000 | 30.892 | AV |
| 5 | * | 2484.040 | 53.387 | 22.496 | -0.613 | 54.000 | 30.891 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2452MHz | |



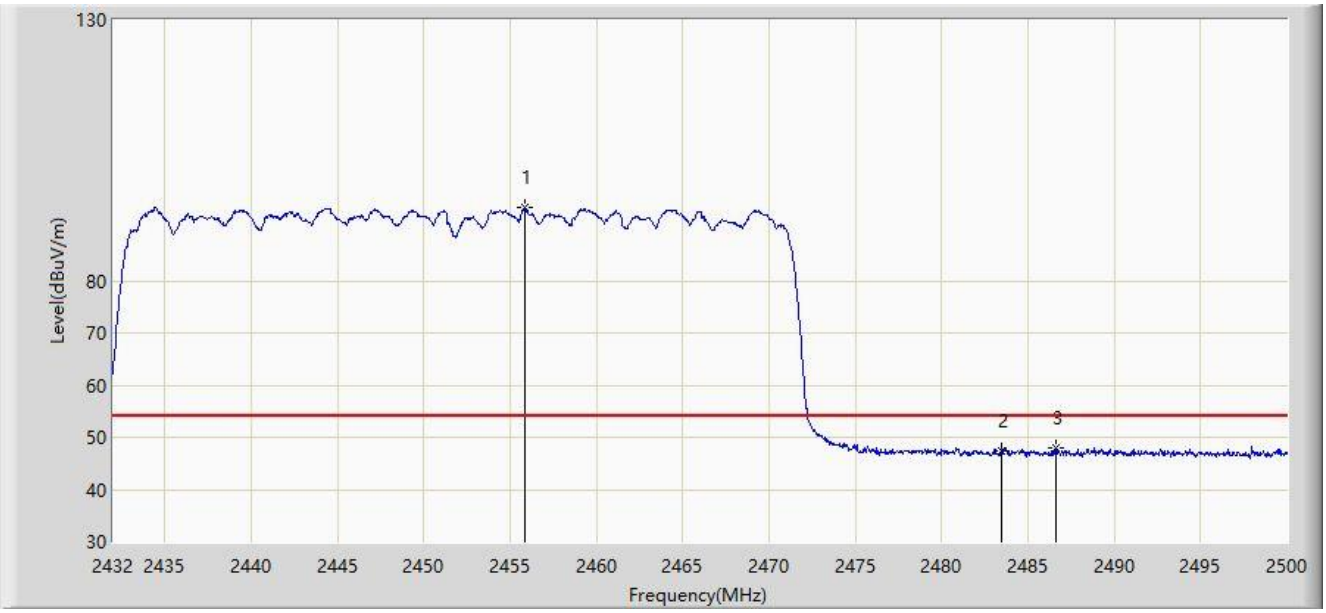

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2459.030 | 104.881 | 74.004 | N/A | N/A | 30.877 | PK |
| 2 | | 2483.500 | 60.371 | 29.480 | -13.629 | 74.000 | 30.892 | PK |
| 3 | * | 2485.006 | 65.188 | 34.299 | -8.812 | 74.000 | 30.889 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Horizontal |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2452MHz | |



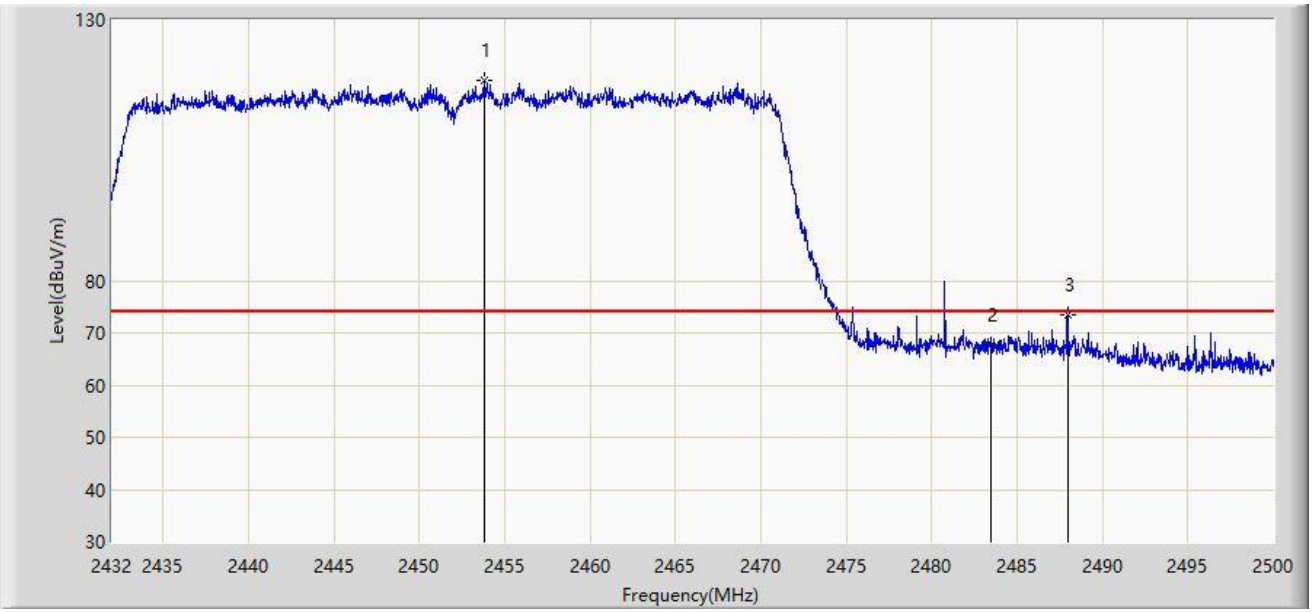

| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2455.868 | 93.914 | 63.043 | N/A | N/A | 30.871 | AV |
| 2 | | 2483.500 | 47.303 | 16.412 | -6.697 | 54.000 | 30.892 | AV |
| 3 | * | 2486.638 | 47.944 | 17.058 | -6.056 | 54.000 | 30.886 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2452MHz | |



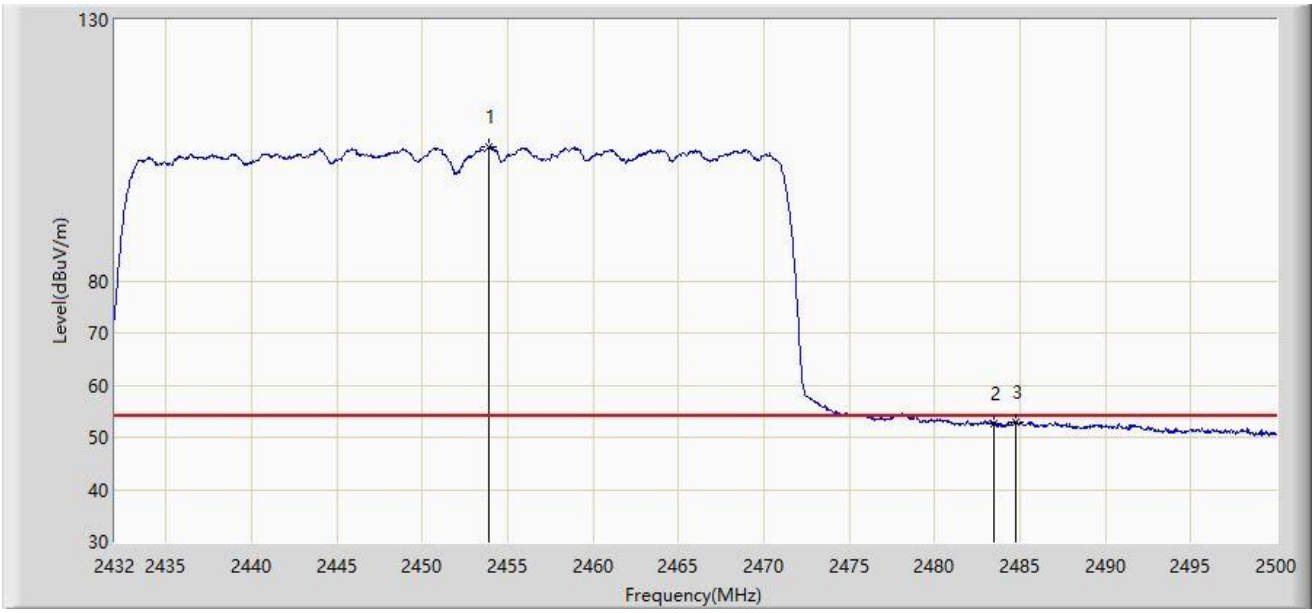

| No | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.794 | 118.545 | 87.675 | N/A | N/A | 30.870 | PK |
| 2 | | 2483.500 | 67.660 | 36.769 | -6.340 | 74.000 | 30.892 | PK |
| 3 | * | 2487.964 | 73.620 | 42.736 | -0.380 | 74.000 | 30.884 | 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: WZ-AC1 | Test Date: 2023-01-30 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Bob Zhang |
| Probe: BBHA9120D_1167_1-18GHz | Polarity: Vertical |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11be-EHT40 at 2452MHz | |




| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2453.896 | 105.710 | 74.840 | N/A | N/A | 30.871 | AV |
| 2 | | 2483.500 | 52.564 | 21.673 | -1.436 | 54.000 | 30.892 | AV |
| 3 | * | 2484.768 | 53.002 | 22.113 | -0.998 | 54.000 | 30.890 | AV |

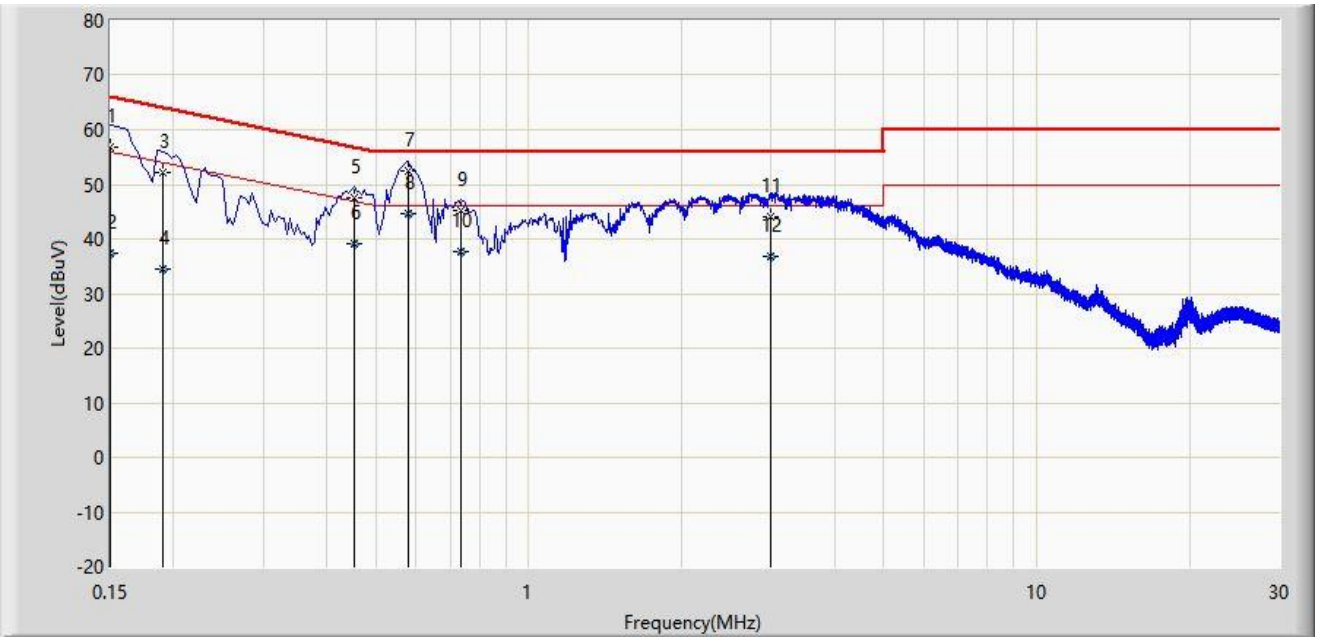
Note 1: " * ", means this data is the worst emission level.

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

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

### A.8 AC Conducted Emissions Test Result

| | |
|---|---|
| Site: WZ-SR2 | Time: 2023/02/22 - 09:51 |
| Limit: FCC_Part15.207_CE_AC Power | Engineer: Helen Han |
| Probe: ENV216_101683_Filter Off_C | Polarity: Line |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Note: Transmit by 802.11b at channel 2412MHz | |



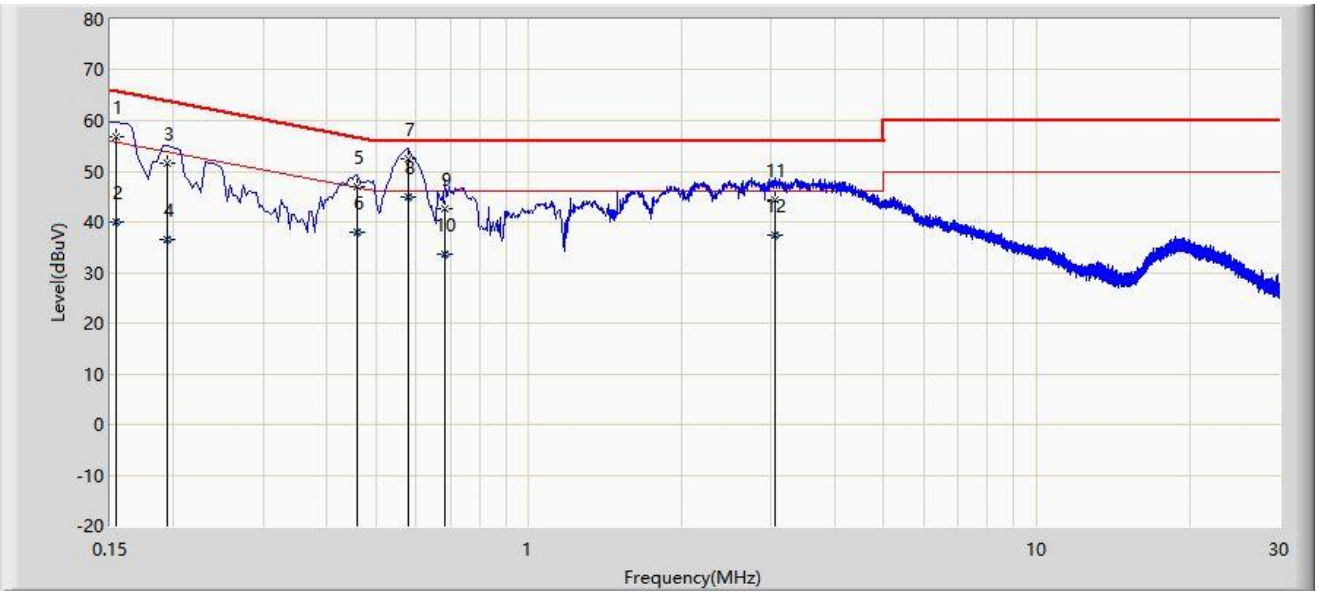

| No | Mark | Frequency (MHz) | Measure Level (dBµV) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.150 | 56.884 | 47.157 | -9.116 | 66.000 | 9.728 | QP |
| 2 | | 0.150 | 37.253 | 27.526 | -18.747 | 56.000 | 9.728 | AV |
| 3 | | 0.190 | 52.281 | 42.551 | -11.755 | 64.037 | 9.730 | QP |
| 4 | | 0.190 | 34.573 | 24.843 | -19.464 | 54.037 | 9.730 | AV |
| 5 | | 0.454 | 47.582 | 37.801 | -9.220 | 56.802 | 9.781 | QP |
| 6 | | 0.454 | 39.195 | 29.414 | -7.607 | 46.802 | 9.781 | AV |
| 7 | | 0.578 | 52.451 | 42.638 | -3.549 | 56.000 | 9.813 | QP |
| 8 | * | 0.578 | 44.734 | 34.921 | -1.266 | 46.000 | 9.813 | AV |
| 9 | | 0.734 | 45.094 | 35.246 | -10.906 | 56.000 | 9.848 | QP |
| 10 | | 0.734 | 37.723 | 27.875 | -8.277 | 46.000 | 9.848 | AV |
| 11 | | 3.002 | 44.150 | 34.140 | -11.850 | 56.000 | 10.010 | QP |
| 12 | | 3.002 | 36.727 | 26.717 | -9.273 | 46.000 | 10.010 | 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: WZ-SR2 | Time: 2023/02/22 - 09:58 |
| Limit: FCC_Part15.207_CE_AC Power | Engineer: Helen Han |
| Probe: ENV216_101683_Filter Off_C | Polarity: Neutral |
| EUT: BE24000 Quad-Band Wi-Fi 7 Router | Power: AC 120V/60Hz |
| Note: Transmit by 802.11b at channel 2412MHz | |




| No | Mark | Frequency (MHz) | Measure Level (dBµV) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.154 | 56.691 | 46.930 | -9.090 | 65.781 | 9.761 | QP |
| 2 | | 0.154 | 40.120 | 30.359 | -15.661 | 55.781 | 9.761 | AV |
| 3 | | 0.194 | 51.485 | 41.716 | -12.379 | 63.864 | 9.769 | QP |
| 4 | | 0.194 | 36.436 | 26.667 | -17.427 | 53.864 | 9.769 | AV |
| 5 | | 0.458 | 46.893 | 37.071 | -9.836 | 56.729 | 9.822 | QP |
| 6 | | 0.458 | 37.932 | 28.110 | -8.797 | 46.729 | 9.822 | AV |
| 7 | | 0.578 | 52.589 | 42.752 | -3.411 | 56.000 | 9.837 | QP |
| 8 | * | 0.578 | 44.870 | 35.033 | -1.130 | 46.000 | 9.837 | AV |
| 9 | | 0.682 | 42.672 | 32.826 | -13.328 | 56.000 | 9.846 | QP |
| 10 | | 0.682 | 33.555 | 23.709 | -12.445 | 46.000 | 9.846 | AV |
| 11 | | 3.046 | 44.492 | 34.451 | -11.508 | 56.000 | 10.041 | QP |
| 12 | | 3.046 | 37.323 | 27.282 | -8.677 | 46.000 | 10.041 | 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 “2301RSU047-UT” file.

## Appendix C – EUT Photograph

Refer to “2301RSU047-UE” file.

The End