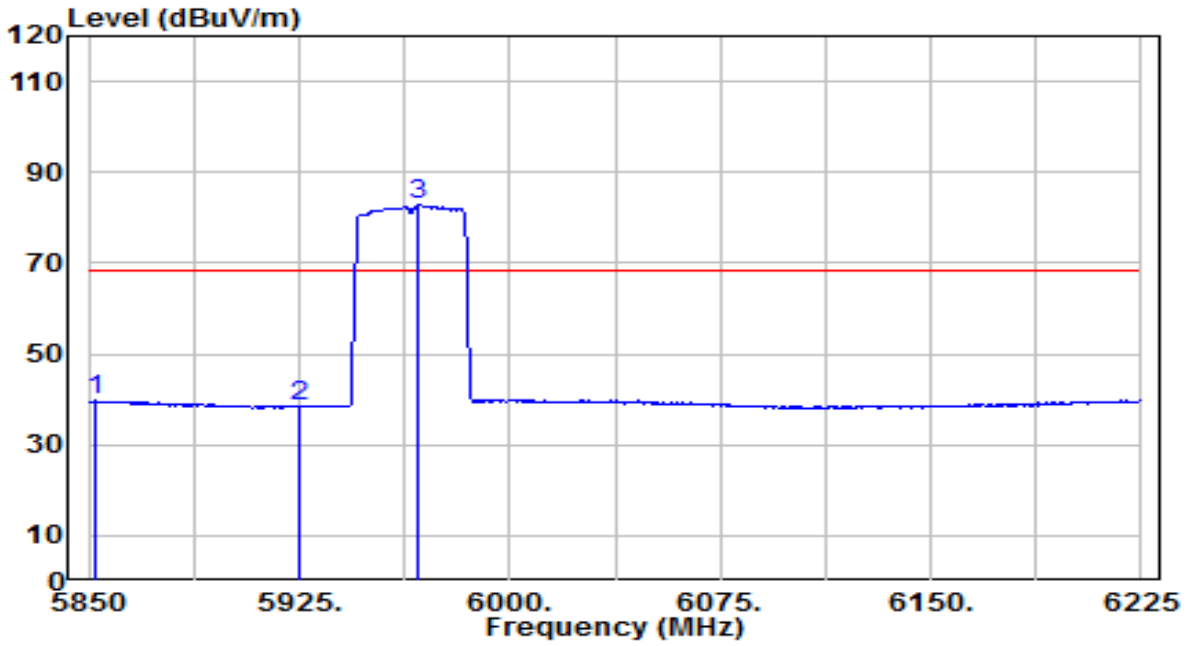
| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-40MHz_TX_Band5_CH 3_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

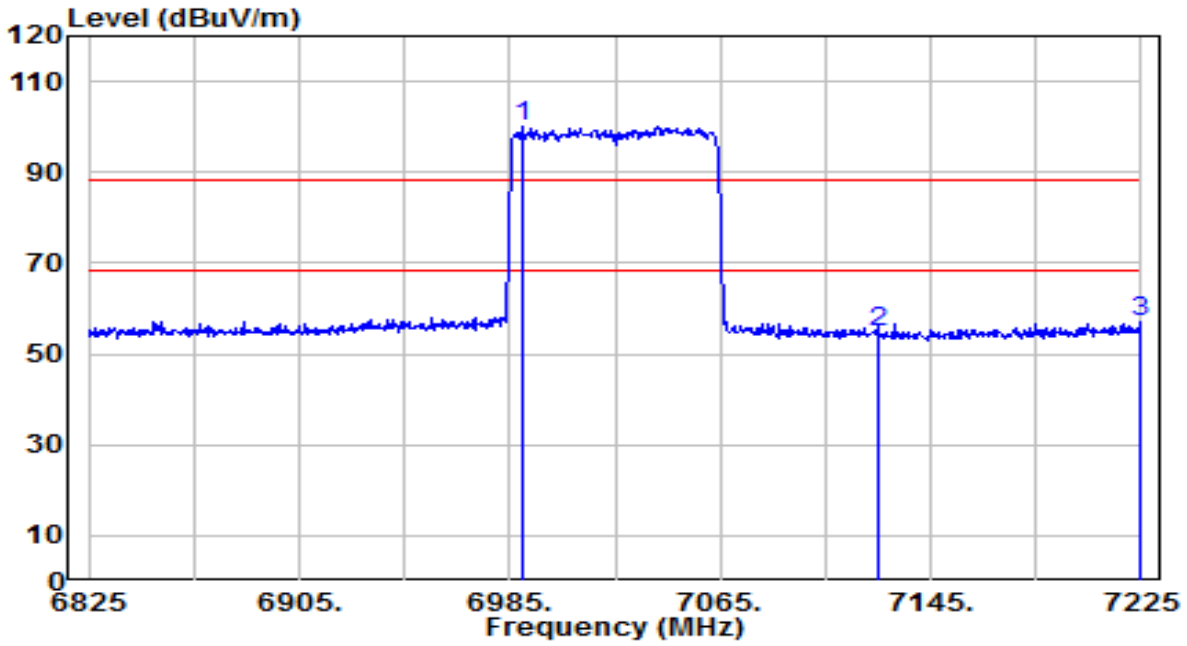



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5852.250 | 33.68 | 5.95 | 39.63 | -28.57 | 68.20 | 175 | 150 | Average |
| 2 | | 5925.000 | 32.16 | 6.20 | 38.36 | -29.84 | 68.20 | 175 | 150 | Average |
| 3 | | 5967.750 | 76.57 | 6.34 | 82.92 | N/A | N/A | 175 | 150 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

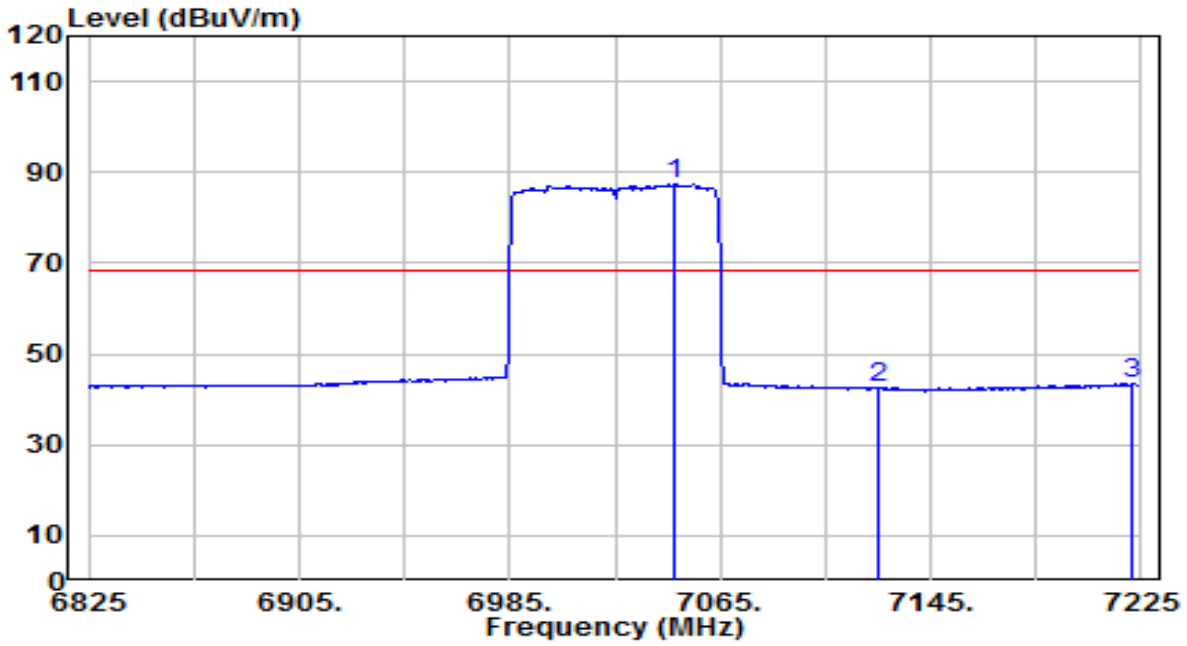



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 6989.800 | 89.28 | 10.79 | 100.07 | N/A | N/A | 220 | 360 | Peak |
| 2 | | 7125.000 | 43.41 | 11.28 | 54.69 | -33.51 | 88.20 | 220 | 360 | Peak |
| 3 | * | 7224.600 | 45.64 | 11.64 | 57.28 | -30.92 | 88.20 | 220 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

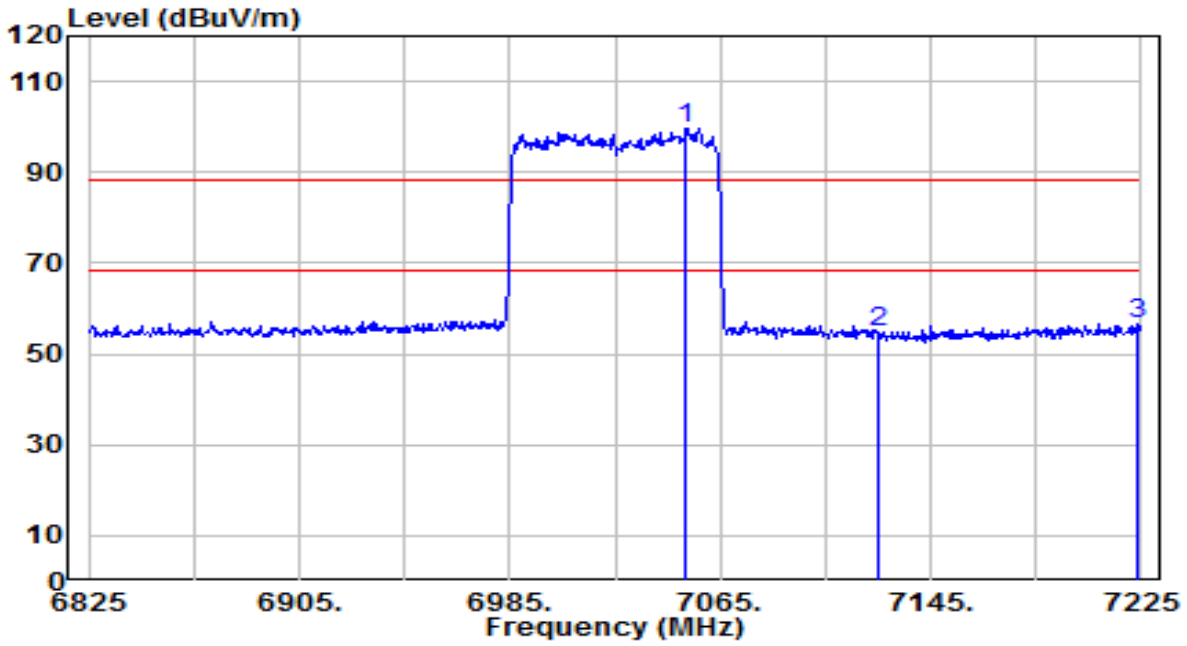



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7047.400 | 76.40 | 11.01 | 87.41 | N/A | N/A | 220 | 360 | Average |
| 2 | | 7125.000 | 31.06 | 11.28 | 42.35 | -25.85 | 68.20 | 220 | 360 | Average |
| 3 | * | 7221.800 | 31.75 | 11.63 | 43.38 | -24.82 | 68.20 | 220 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

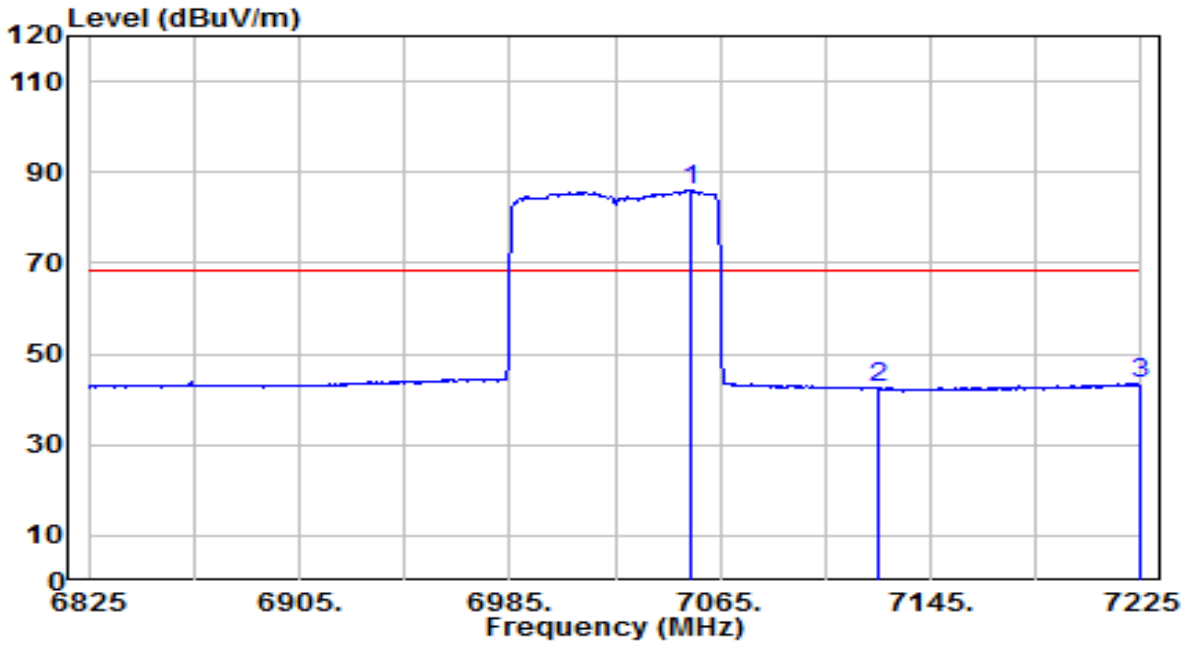



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7052.200 | 88.69 | 11.02 | 99.72 | N/A | N/A | 135 | 300 | Peak |
| 2 | | 7125.000 | 43.52 | 11.28 | 54.80 | -33.40 | 88.20 | 135 | 300 | Peak |
| 3 | * | 7223.400 | 45.02 | 11.63 | 56.65 | -31.55 | 88.20 | 135 | 300 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

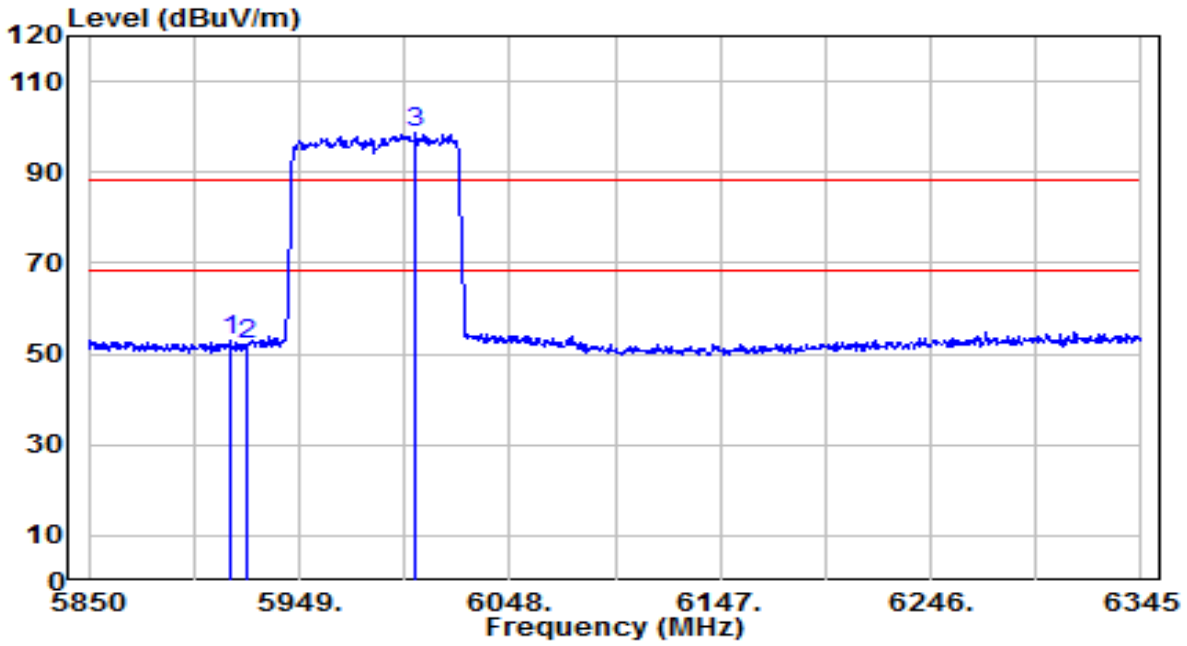



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7054.200 | 75.22 | 11.03 | 86.25 | N/A | N/A | 135 | 300 | Average |
| 2 | | 7125.000 | 31.22 | 11.28 | 42.50 | -25.70 | 68.20 | 135 | 300 | Average |
| 3 | * | 7224.600 | 31.89 | 11.64 | 43.53 | -24.67 | 68.20 | 135 | 300 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band5_CH 7_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

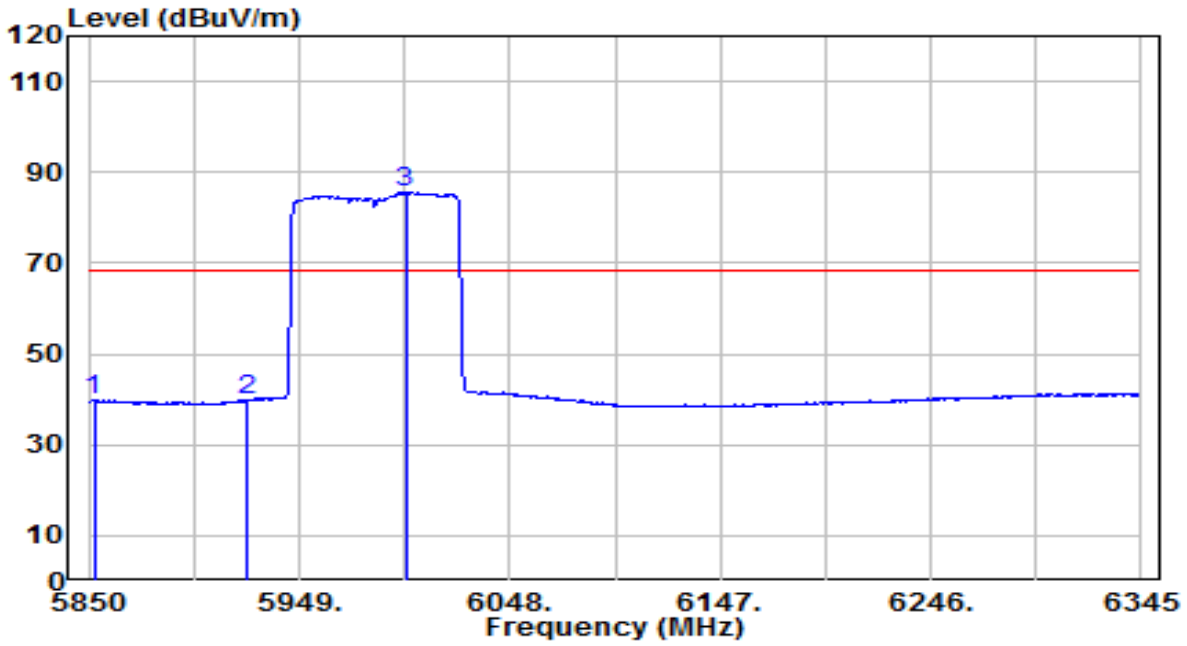



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5916.330 | 46.91 | 6.17 | 53.08 | -35.12 | 88.20 | 140 | 350 | Peak |
| 2 | | 5925.000 | 45.92 | 6.20 | 52.12 | -36.08 | 88.20 | 140 | 350 | Peak |
| 3 | | 6003.945 | 92.44 | 6.47 | 98.91 | N/A | N/A | 140 | 350 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band5_CH 7_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

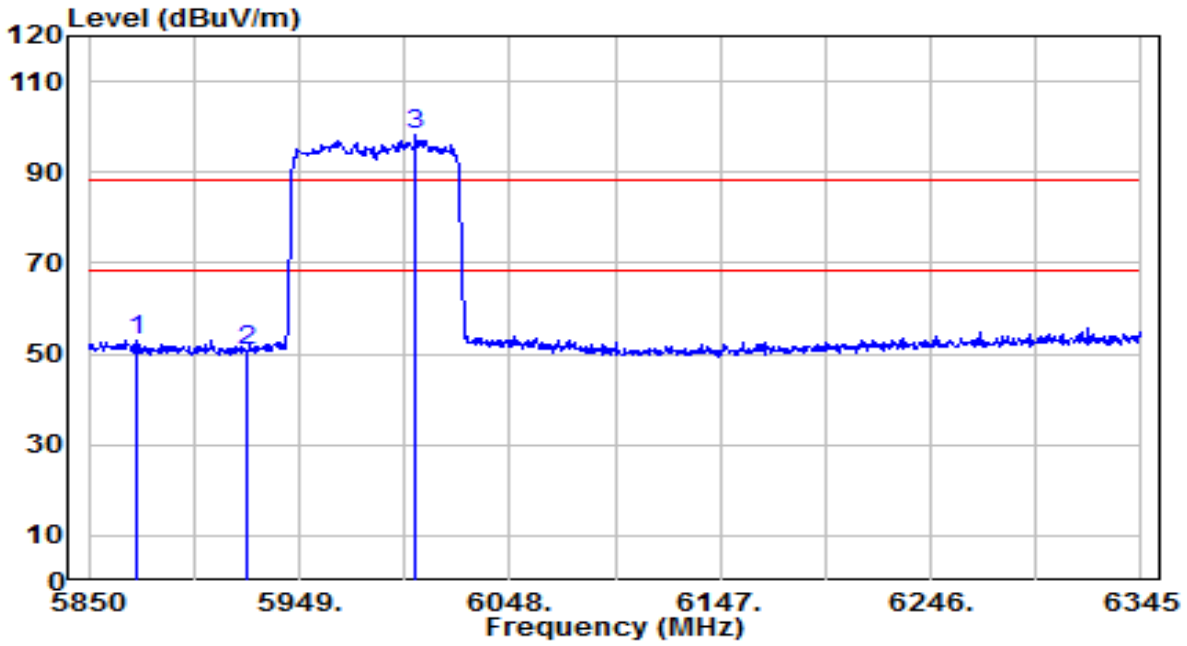



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5852.475 | 33.89 | 5.95 | 39.84 | -28.36 | 68.20 | 140 | 350 | Average |
| 2 | | 5925.000 | 33.45 | 6.20 | 39.65 | -28.55 | 68.20 | 140 | 350 | Average |
| 3 | | 5998.995 | 79.17 | 6.45 | 85.61 | N/A | N/A | 140 | 350 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band5_CH 7_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

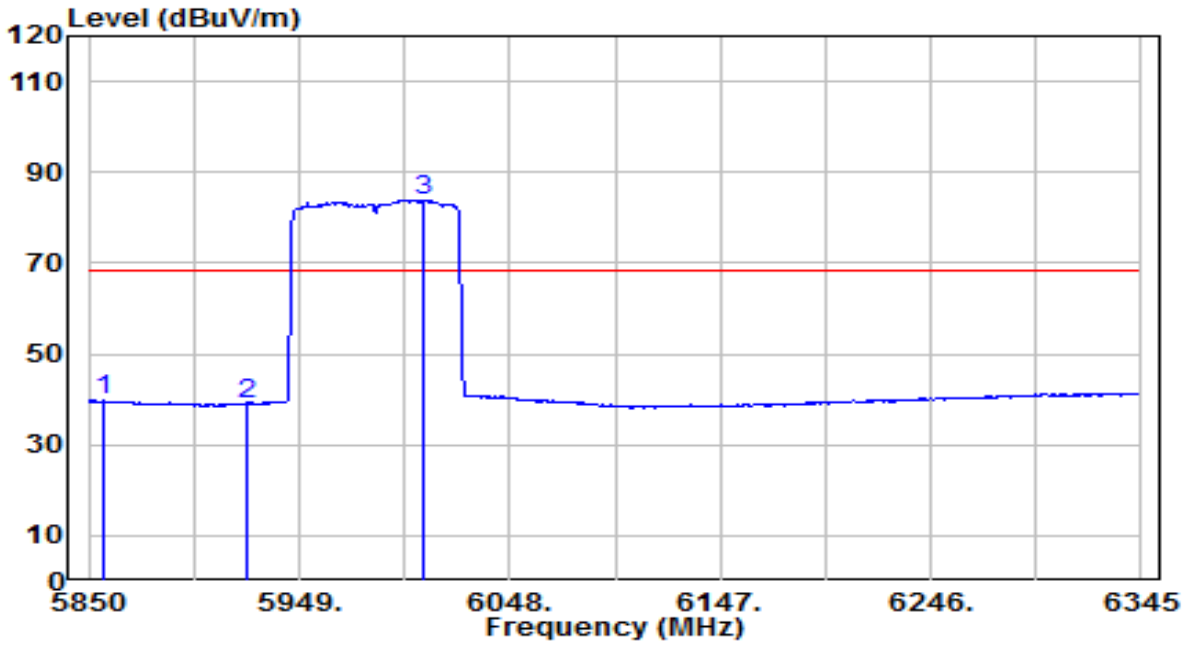



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5872.275 | 47.16 | 6.02 | 53.18 | -35.02 | 88.20 | 175 | 150 | Peak |
| 2 | | 5925.000 | 44.33 | 6.20 | 50.52 | -37.68 | 88.20 | 175 | 150 | Peak |
| 3 | | 6003.945 | 91.69 | 6.47 | 98.16 | N/A | N/A | 175 | 150 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band5_CH 7_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

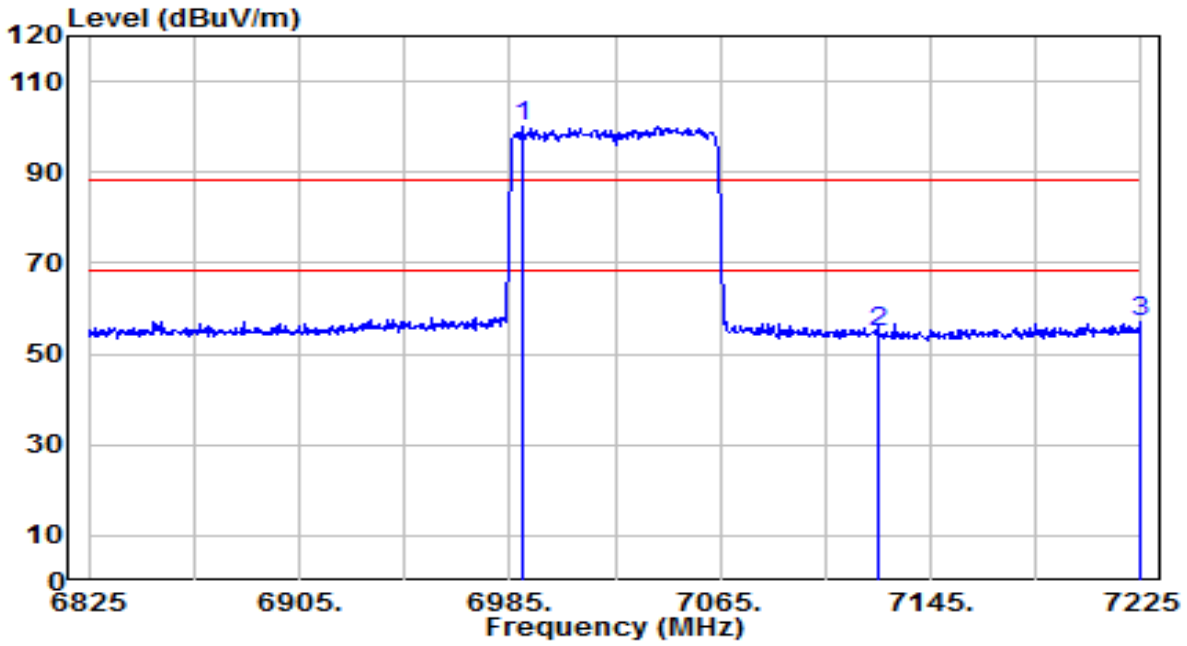



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5856.930 | 33.80 | 5.97 | 39.76 | -28.44 | 68.20 | 175 | 150 | Average |
| 2 | | 5925.000 | 32.86 | 6.20 | 39.06 | -29.14 | 68.20 | 175 | 150 | Average |
| 3 | | 6007.905 | 77.38 | 6.48 | 83.86 | N/A | N/A | 175 | 150 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

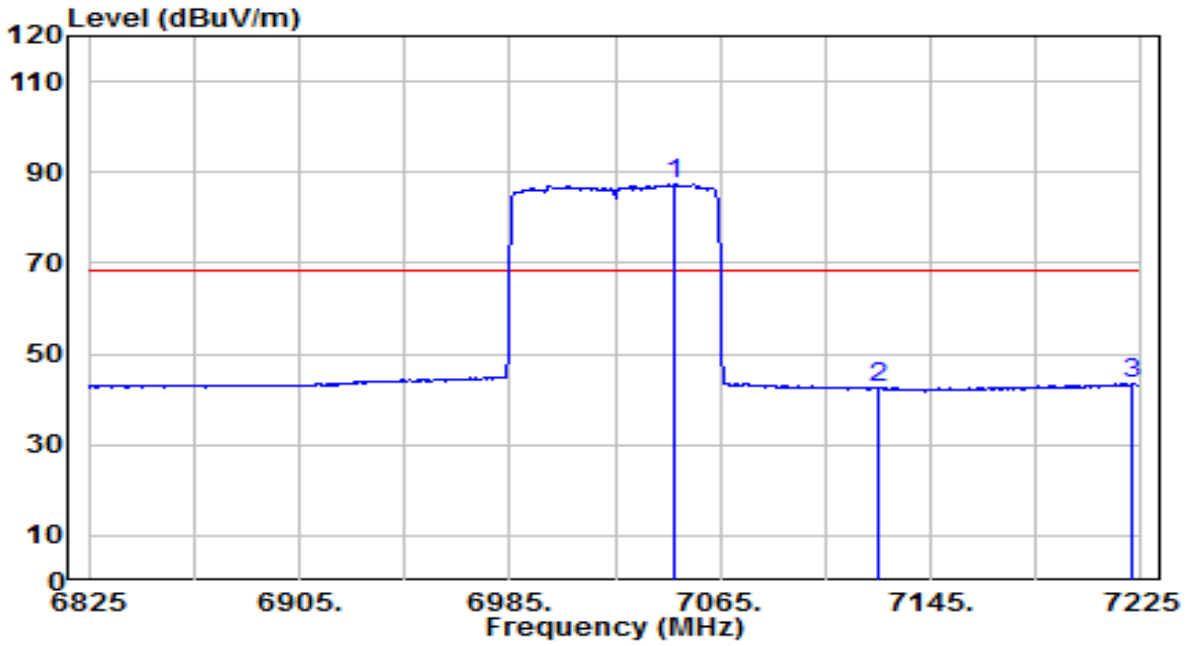



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 6989.800 | 89.28 | 10.79 | 100.07 | N/A | N/A | 220 | 360 | Peak |
| 2 | | 7125.000 | 43.41 | 11.28 | 54.69 | -33.51 | 88.20 | 220 | 360 | Peak |
| 3 | * | 7224.600 | 45.64 | 11.64 | 57.28 | -30.92 | 88.20 | 220 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

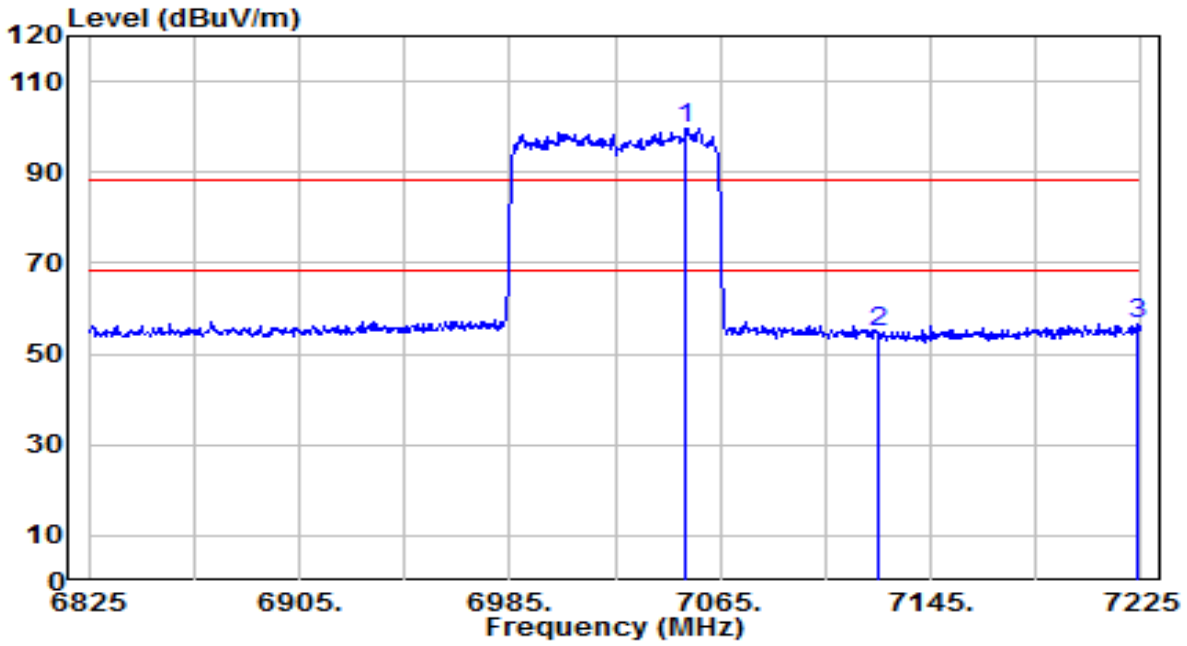



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7047.400 | 76.40 | 11.01 | 87.41 | N/A | N/A | 220 | 360 | Average |
| 2 | | 7125.000 | 31.06 | 11.28 | 42.35 | -25.85 | 68.20 | 220 | 360 | Average |
| 3 | * | 7221.800 | 31.75 | 11.63 | 43.38 | -24.82 | 68.20 | 220 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

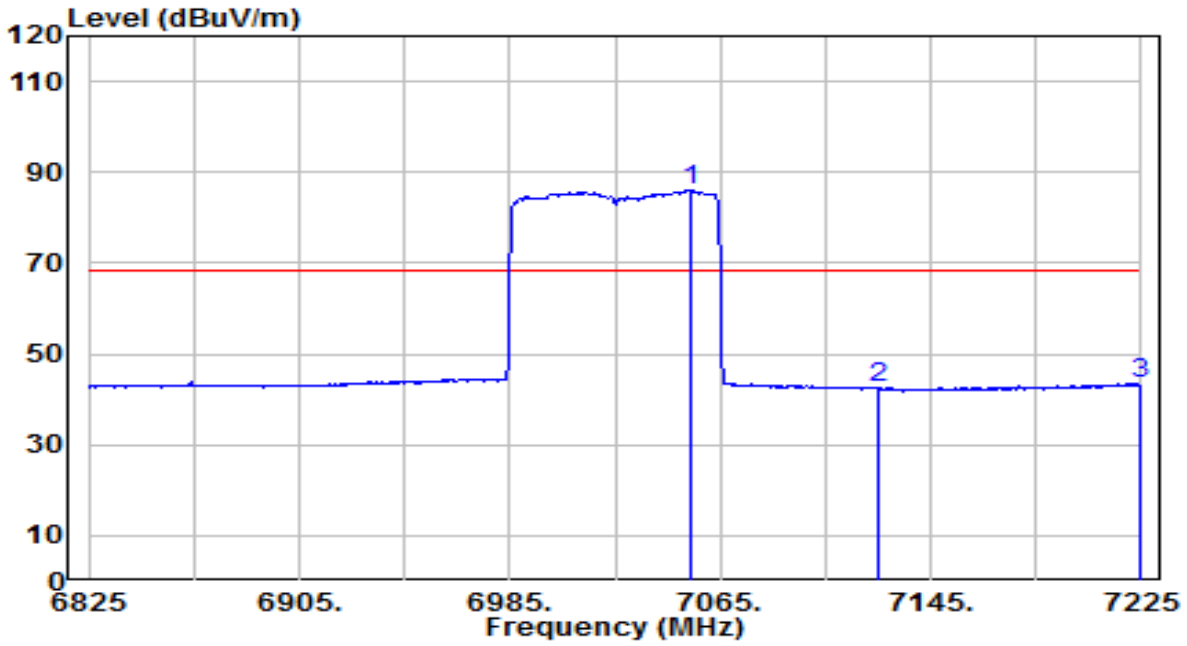



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7052.200 | 88.69 | 11.02 | 99.72 | N/A | N/A | 135 | 300 | Peak |
| 2 | | 7125.000 | 43.52 | 11.28 | 54.80 | -33.40 | 88.20 | 135 | 300 | Peak |
| 3 | * | 7223.400 | 45.02 | 11.63 | 56.65 | -31.55 | 88.20 | 135 | 300 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

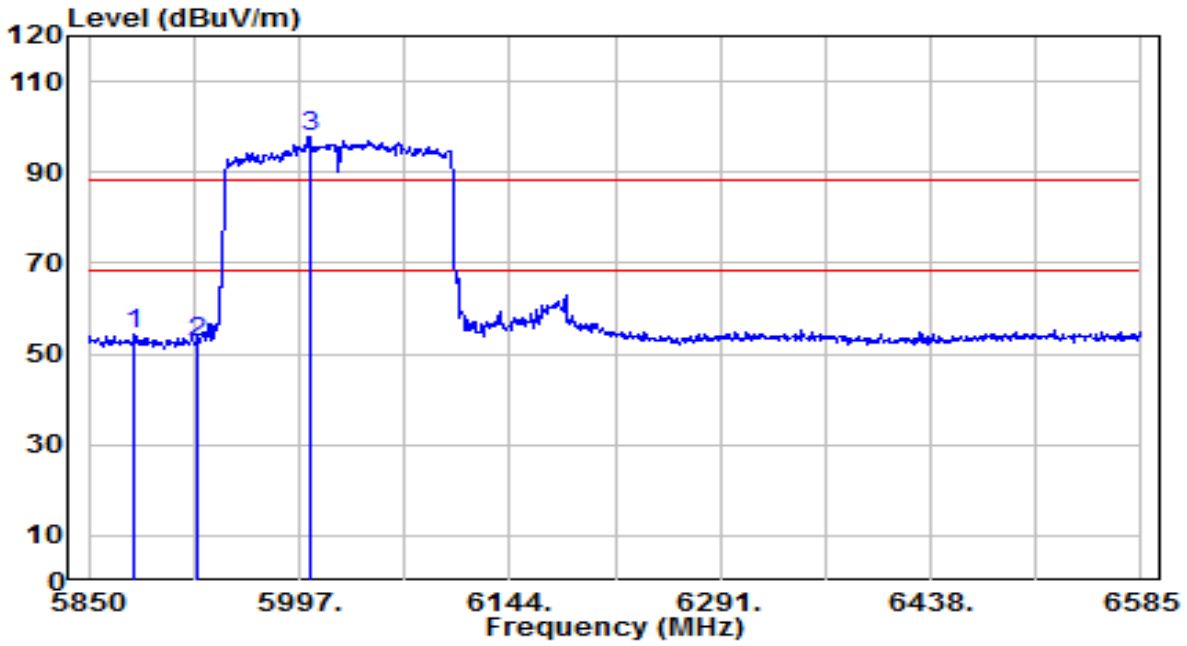



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7054.200 | 75.22 | 11.03 | 86.25 | N/A | N/A | 135 | 300 | Average |
| 2 | | 7125.000 | 31.22 | 11.28 | 42.50 | -25.70 | 68.20 | 135 | 300 | Average |
| 3 | * | 7224.600 | 31.89 | 11.64 | 43.53 | -24.67 | 68.20 | 135 | 300 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-160MHz_TX_Band5_CH 15_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

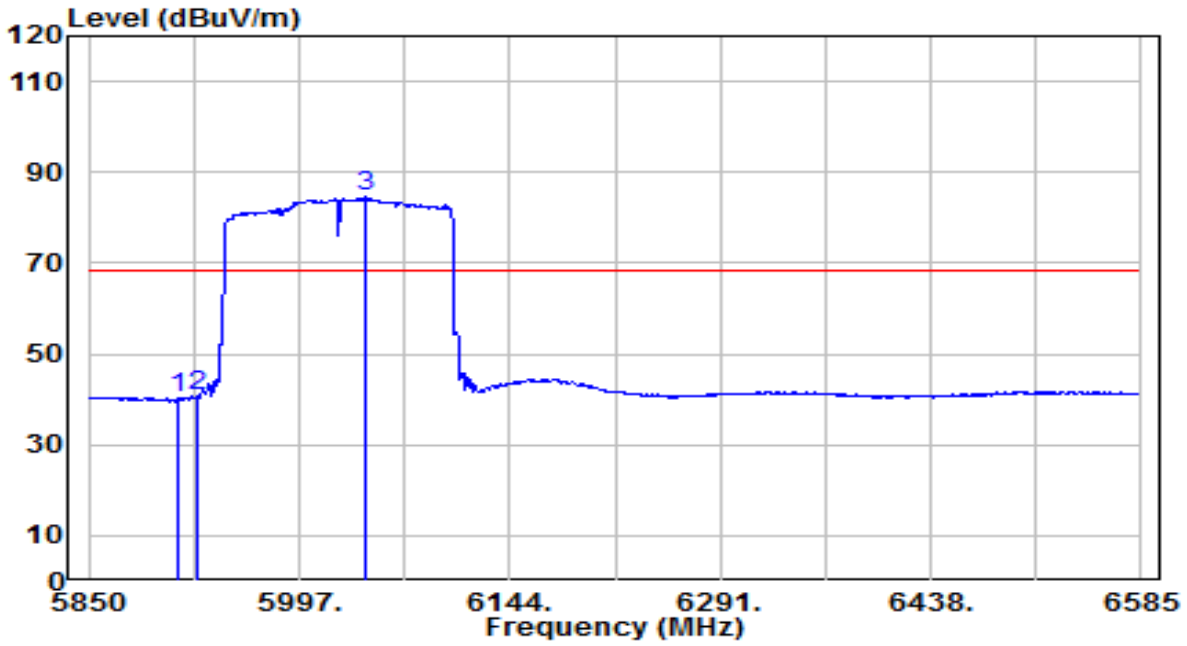



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5882.340 | 48.18 | 6.05 | 54.23 | -33.97 | 88.20 | 140 | 350 | Peak |
| 2 | | 5925.000 | 46.20 | 6.20 | 52.40 | -35.80 | 88.20 | 140 | 350 | Peak |
| 3 | | 6004.350 | 91.26 | 6.47 | 97.73 | N/A | N/A | 140 | 350 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-160MHz_TX_Band5_CH 15_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

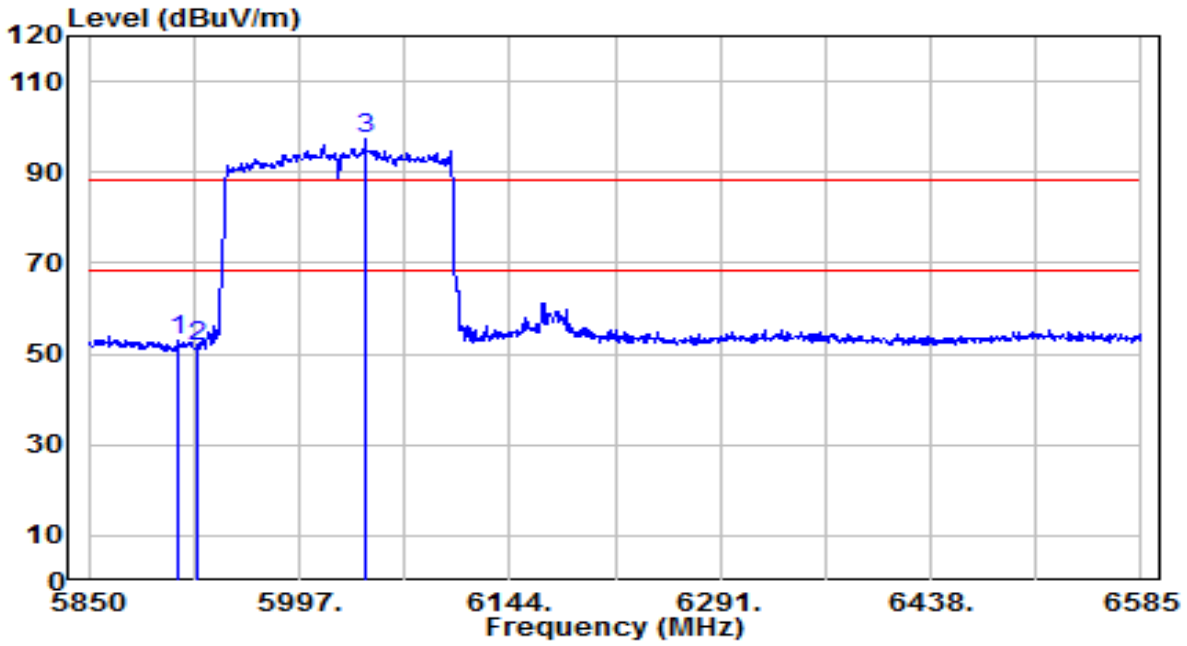



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5912.475 | 34.21 | 6.16 | 40.37 | -27.83 | 68.20 | 140 | 350 | Average |
| 2 | * | 5925.000 | 34.47 | 6.20 | 40.67 | -27.53 | 68.20 | 140 | 350 | Average |
| 3 | | 6044.040 | 77.99 | 6.63 | 84.61 | N/A | N/A | 140 | 350 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-160MHz_TX_Band5_CH 15_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

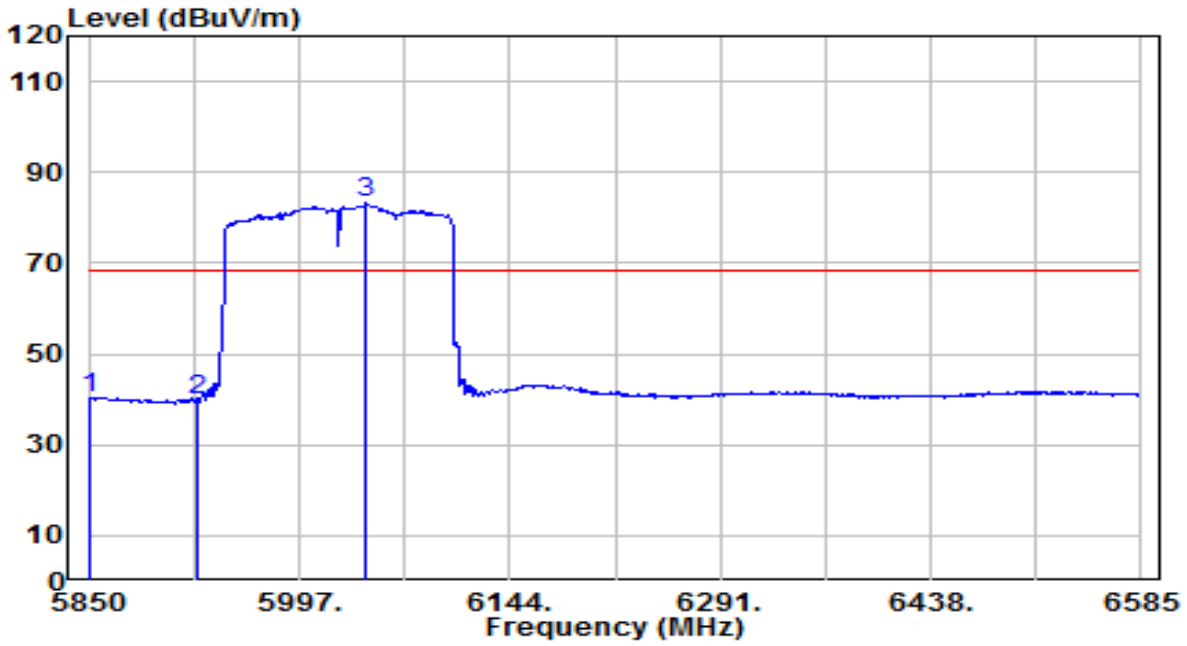



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5911.740 | 46.62 | 6.15 | 52.77 | -35.43 | 88.20 | 175 | 150 | Peak |
| 2 | | 5925.000 | 45.29 | 6.20 | 51.49 | -36.71 | 88.20 | 175 | 150 | Peak |
| 3 | | 6043.305 | 90.73 | 6.62 | 97.35 | N/A | N/A | 175 | 150 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-160MHz_TX_Band5_CH 15_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

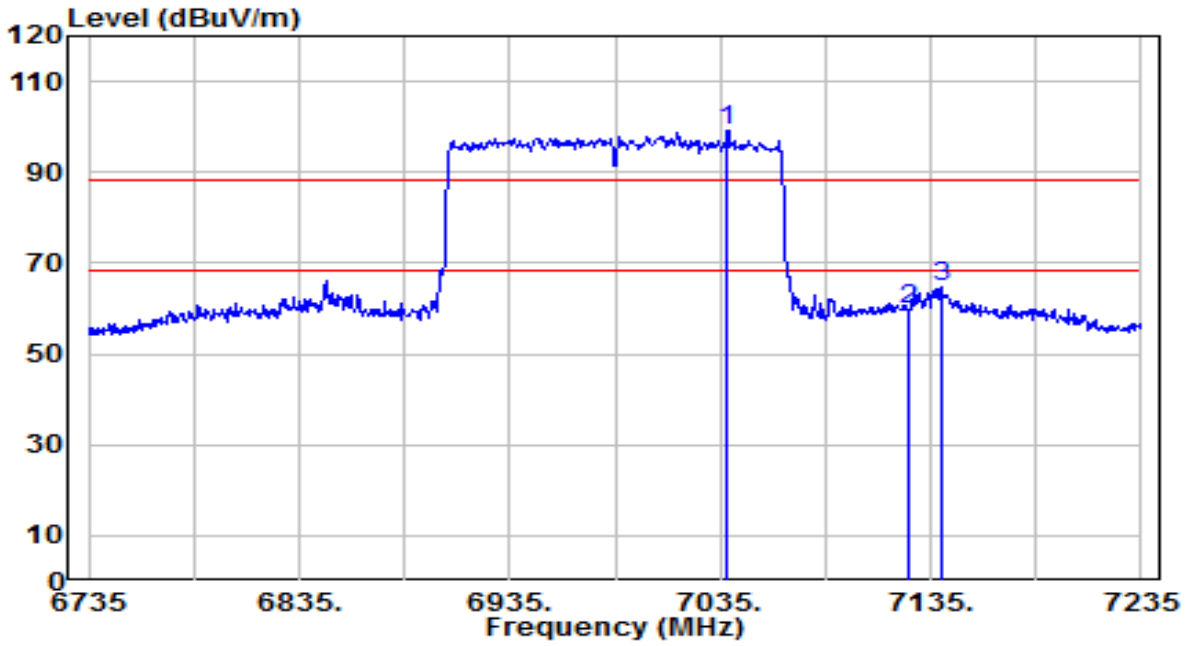



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5851.470 | 34.51 | 5.95 | 40.46 | -27.74 | 68.20 | 175 | 150 | Average |
| 2 | | 5925.000 | 33.47 | 6.20 | 39.67 | -28.53 | 68.20 | 175 | 150 | Average |
| 3 | | 6044.040 | 76.68 | 6.63 | 83.30 | N/A | N/A | 175 | 150 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-160MHz_TX_Band8_CH 207_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

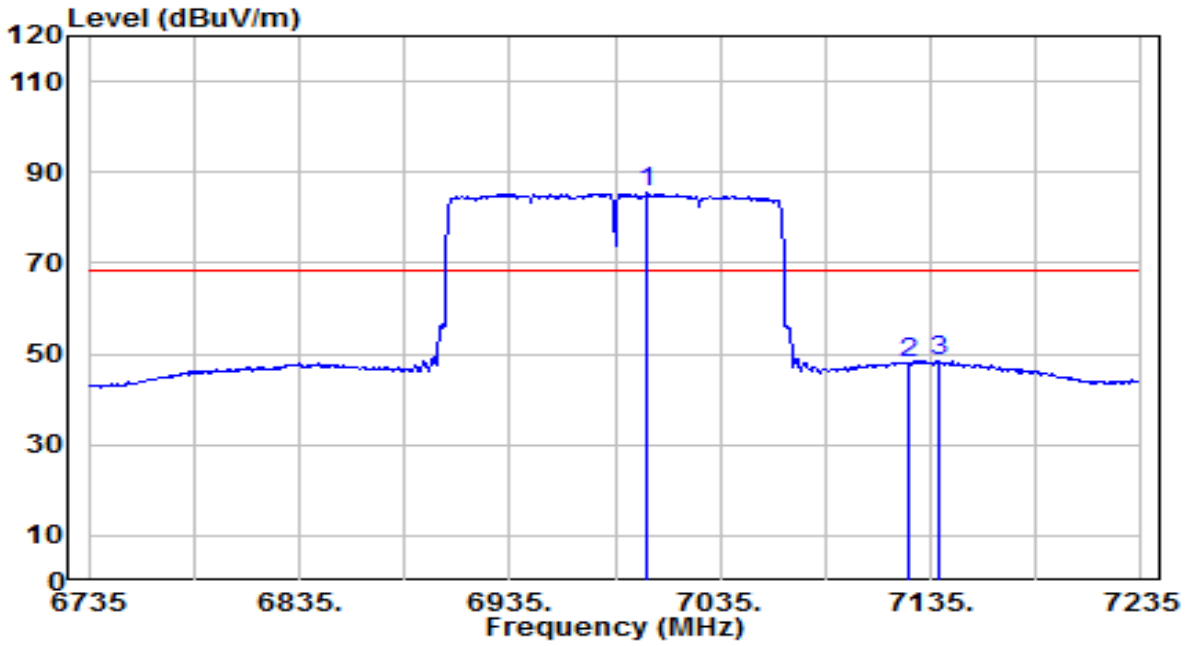



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7038.500 | 88.28 | 10.98 | 99.25 | N/A | N/A | 220 | 360 | Peak |
| 2 | | 7125.000 | 48.70 | 11.28 | 59.98 | -28.22 | 88.20 | 220 | 360 | Peak |
| 3 | * | 7140.000 | 53.26 | 11.34 | 64.60 | -23.60 | 88.20 | 220 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-160MHz_TX_Band8_CH 207_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

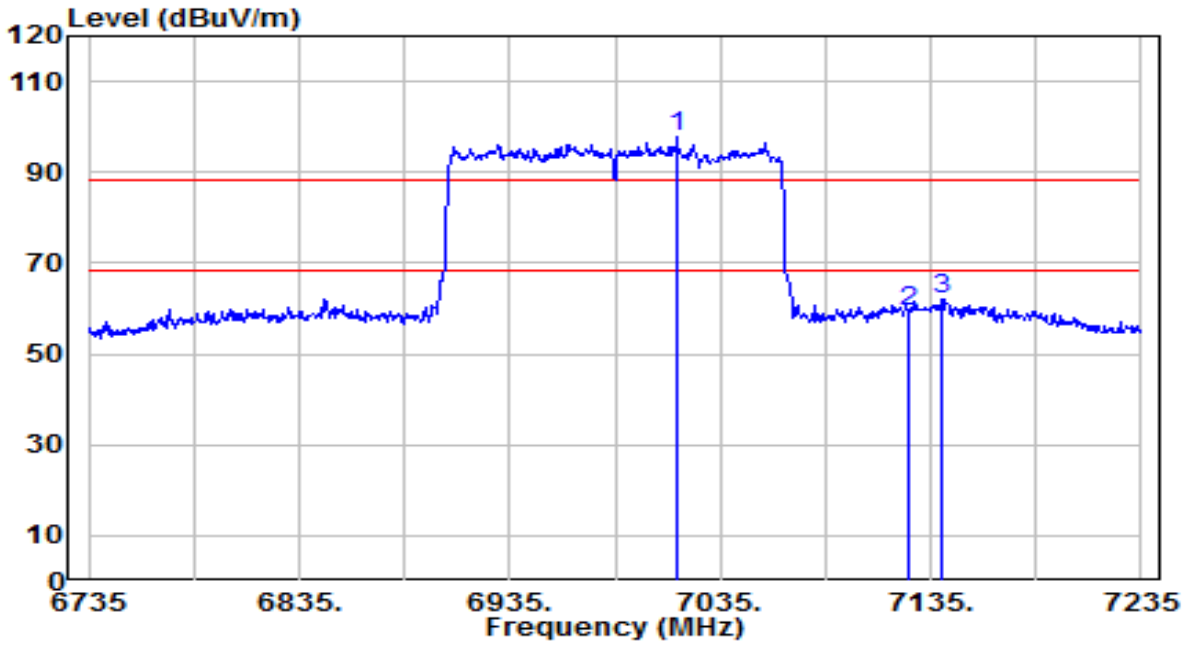



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7000.000 | 74.53 | 10.84 | 85.37 | N/A | N/A | 220 | 360 | Average |
| 2 | | 7125.000 | 36.59 | 11.28 | 47.87 | -20.33 | 68.20 | 220 | 360 | Average |
| 3 | * | 7138.500 | 37.01 | 11.33 | 48.34 | -19.86 | 68.20 | 220 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-160MHz_TX_Band8_CH 207_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

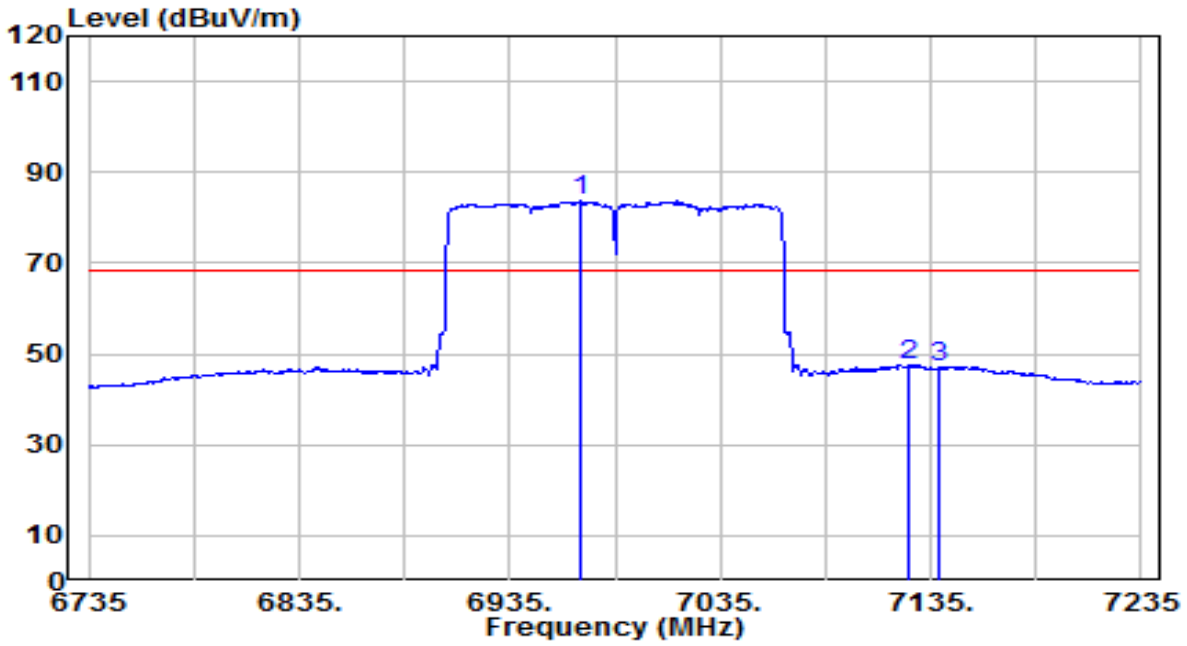



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7014.500 | 86.95 | 10.89 | 97.84 | N/A | N/A | 135 | 300 | Peak |
| 2 | | 7125.000 | 47.97 | 11.28 | 59.25 | -28.95 | 88.20 | 135 | 300 | Peak |
| 3 | * | 7140.500 | 50.64 | 11.34 | 61.97 | -26.23 | 88.20 | 135 | 300 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11ax-160MHz_TX_Band8_CH 207_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

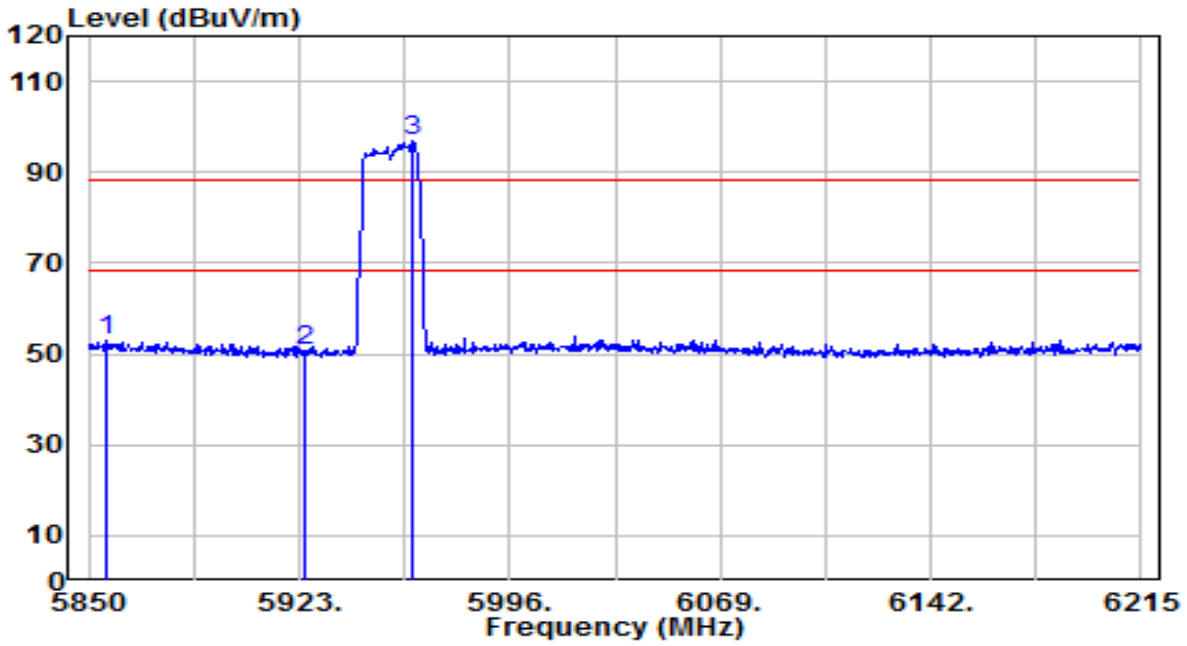



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 6969.000 | 72.89 | 10.69 | 83.58 | N/A | N/A | 135 | 300 | Average |
| 2 | * | 7125.000 | 36.09 | 11.28 | 47.37 | -20.83 | 68.20 | 135 | 300 | Average |
| 3 | | 7139.000 | 35.56 | 11.33 | 46.89 | -21.31 | 68.20 | 135 | 300 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-20MHz_TX_Band5_CH 1_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

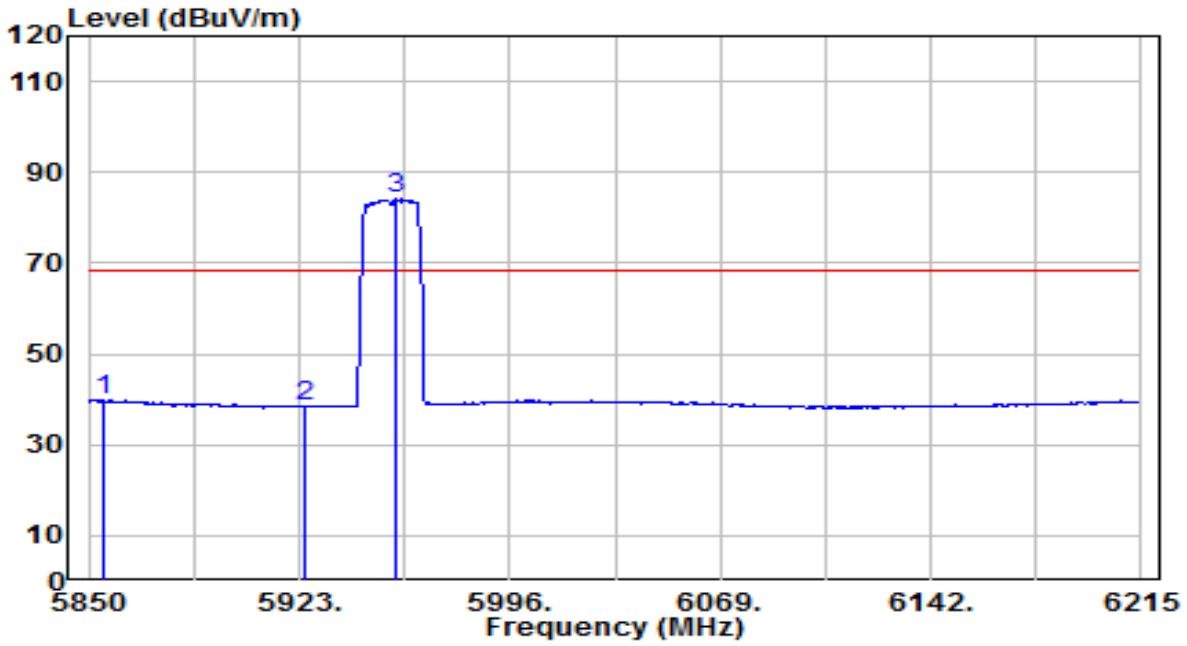



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5856.205 | 47.03 | 5.97 | 52.99 | -35.21 | 88.20 | 140 | 350 | Peak |
| 2 | | 5925.000 | 44.47 | 6.20 | 50.67 | -37.53 | 88.20 | 140 | 350 | Peak |
| 3 | | 5962.055 | 90.52 | 6.32 | 96.84 | N/A | N/A | 140 | 350 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-20MHz_TX_Band5_CH 1_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

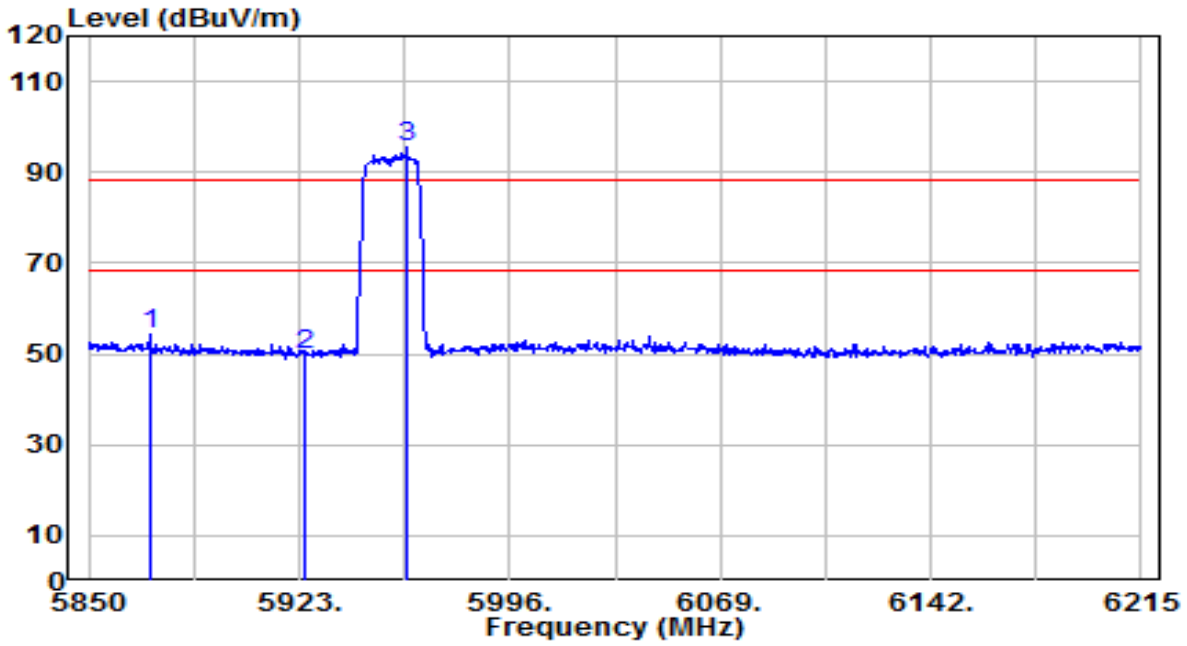



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5854.745 | 33.88 | 5.96 | 39.84 | -28.36 | 68.20 | 140 | 350 | Average |
| 2 | | 5925.000 | 32.15 | 6.20 | 38.35 | -29.85 | 68.20 | 140 | 350 | Average |
| 3 | | 5956.580 | 77.96 | 6.30 | 84.27 | N/A | N/A | 140 | 350 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-20MHz_TX_Band5_CH 1_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

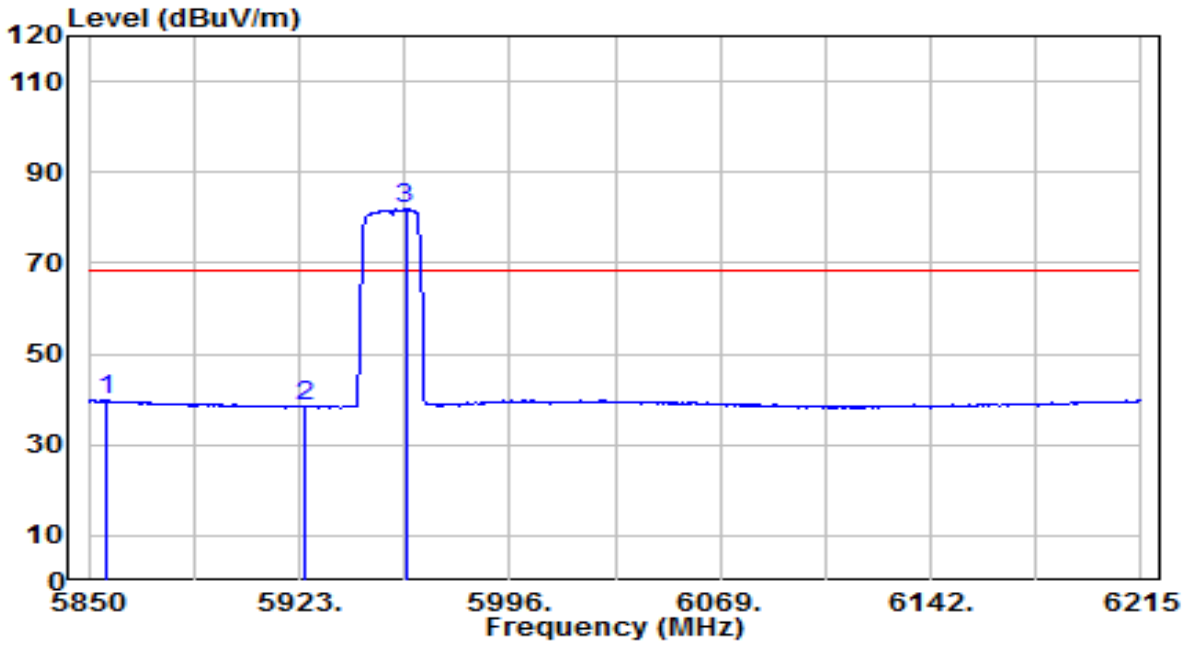



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5871.170 | 48.20 | 6.02 | 54.22 | -33.98 | 88.20 | 175 | 150 | Peak |
| 2 | | 5925.000 | 43.45 | 6.20 | 49.65 | -38.55 | 88.20 | 175 | 150 | Peak |
| 3 | | 5960.230 | 89.25 | 6.32 | 95.57 | N/A | N/A | 175 | 150 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-20MHz_TX_Band5_CH 1_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

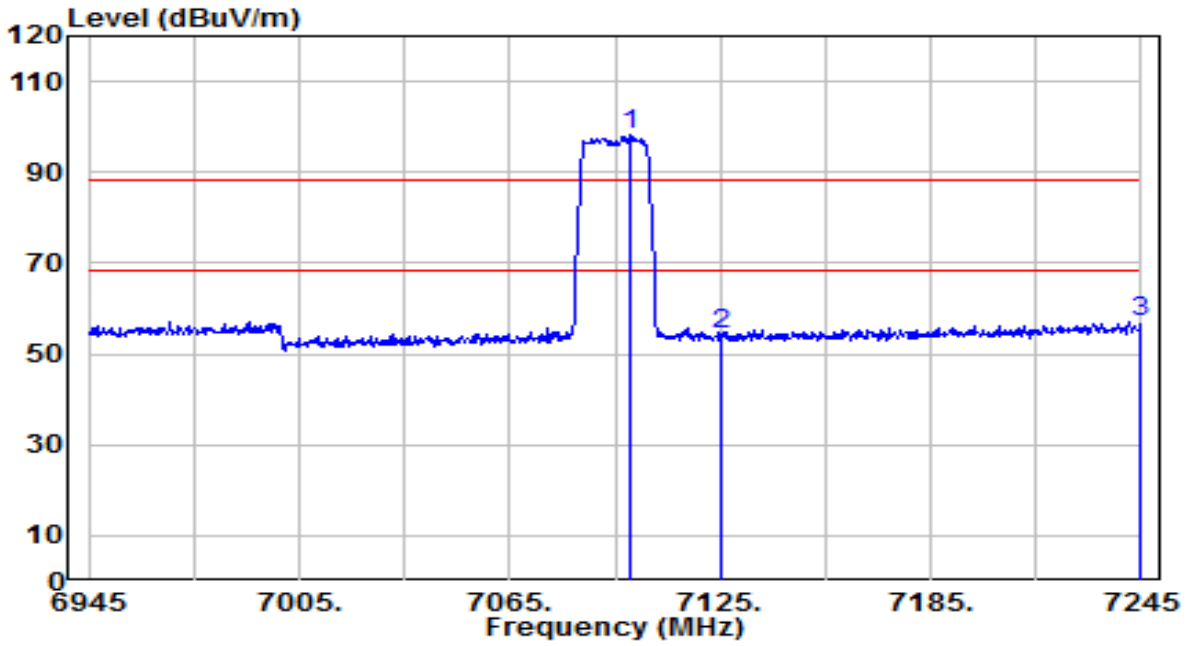



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5856.205 | 33.78 | 5.97 | 39.74 | -28.46 | 68.20 | 175 | 150 | Average |
| 2 | | 5925.000 | 32.20 | 6.20 | 38.40 | -29.80 | 68.20 | 175 | 150 | Average |
| 3 | | 5959.865 | 75.53 | 6.32 | 81.85 | N/A | N/A | 175 | 150 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-20MHz_TX_Band8_CH 229_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

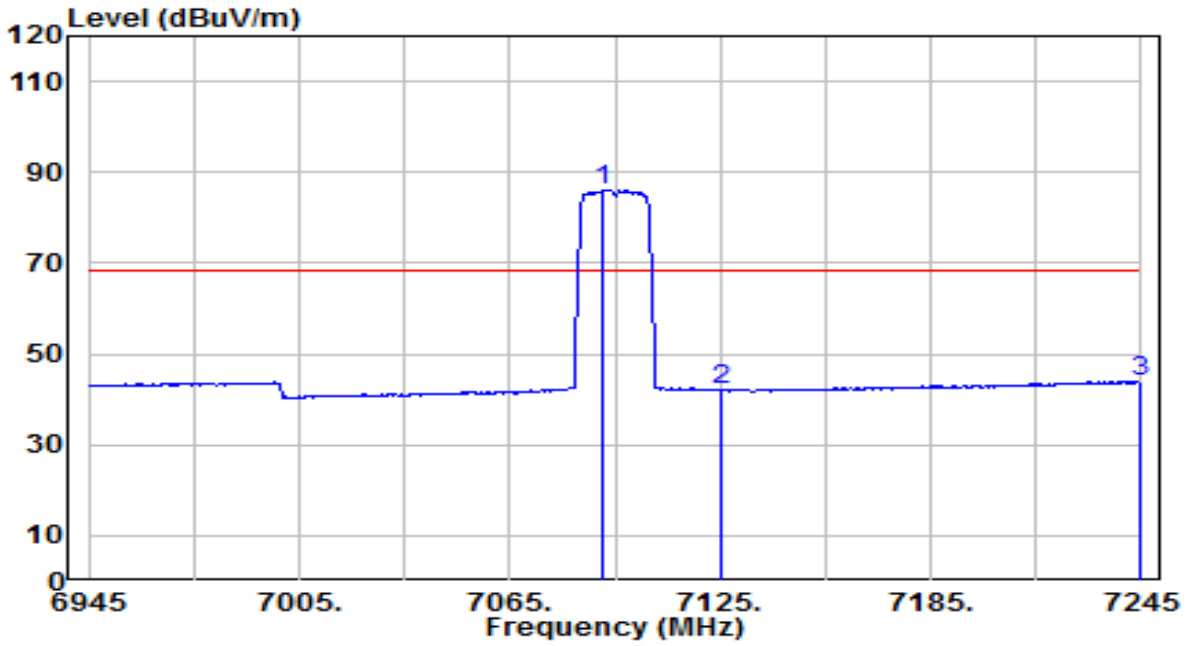



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7099.500 | 86.90 | 11.19 | 98.10 | N/A | N/A | 220 | 360 | Peak |
| 2 | | 7125.000 | 43.22 | 11.28 | 54.51 | -33.69 | 88.20 | 220 | 360 | Peak |
| 3 | * | 7245.000 | 45.18 | 11.71 | 56.89 | -31.31 | 88.20 | 220 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-20MHz_TX_Band8_CH 229_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

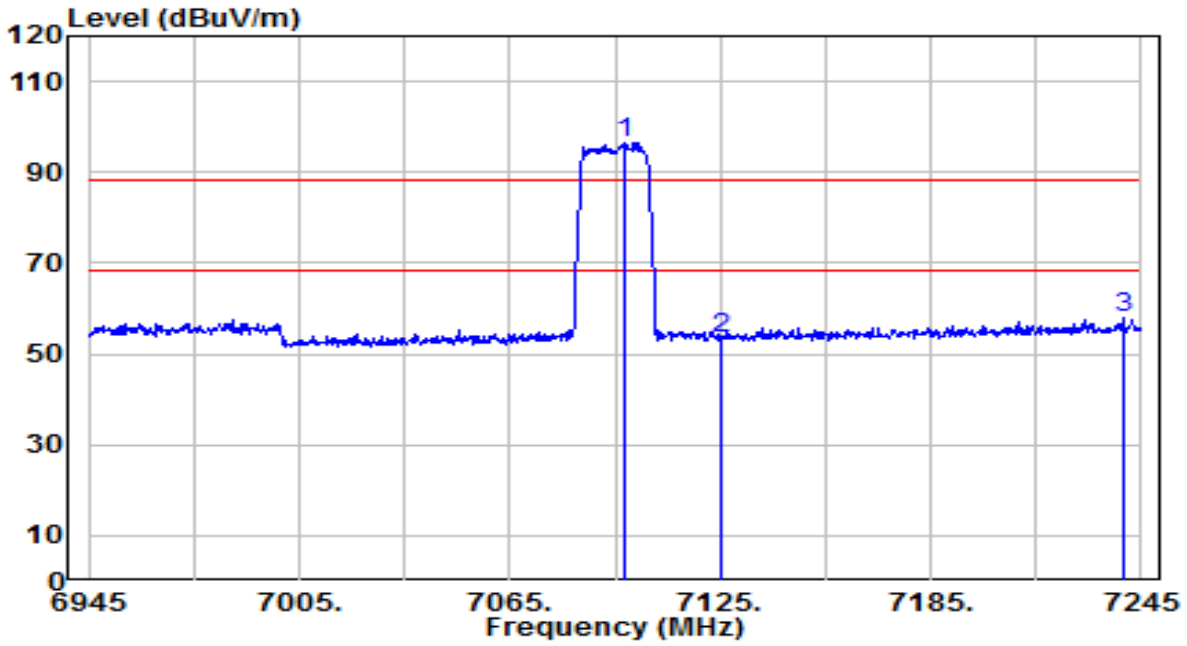



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7091.400 | 75.06 | 11.16 | 86.22 | N/A | N/A | 220 | 360 | Average |
| 2 | | 7125.000 | 30.75 | 11.28 | 42.03 | -26.17 | 68.20 | 220 | 360 | Average |
| 3 | * | 7245.000 | 32.33 | 11.71 | 44.04 | -24.16 | 68.20 | 220 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-20MHz_TX_Band8_CH 229_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

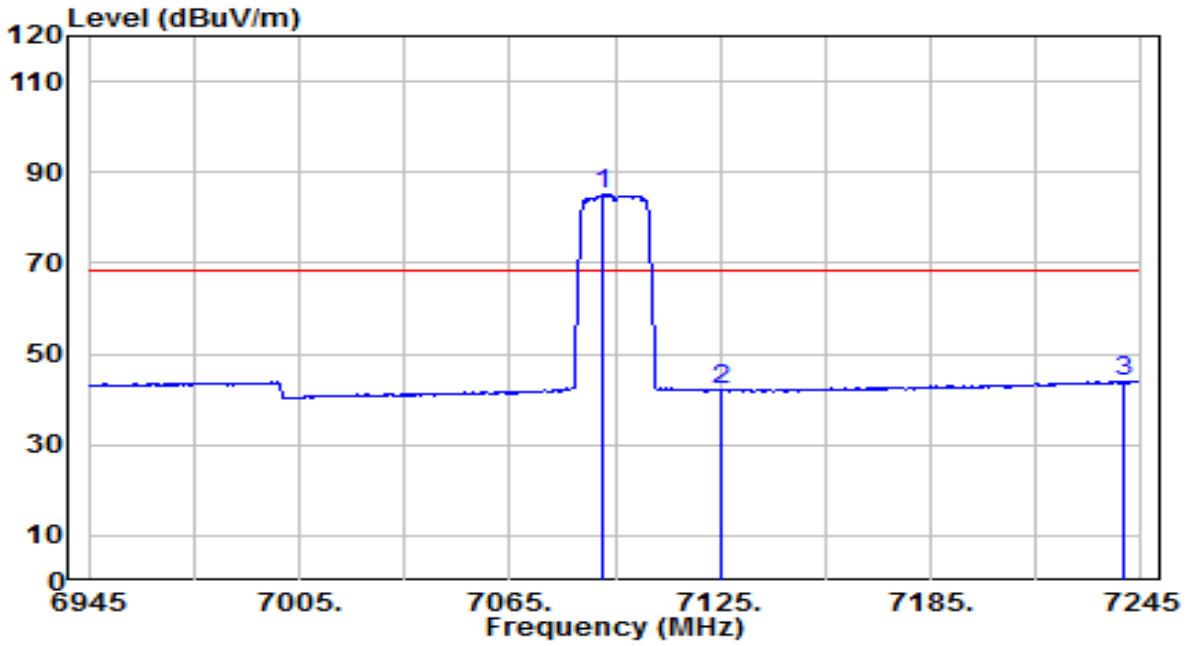



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7097.400 | 85.36 | 11.18 | 96.54 | N/A | N/A | 135 | 300 | Peak |
| 2 | | 7125.000 | 42.11 | 11.28 | 53.39 | -34.81 | 88.20 | 135 | 300 | Peak |
| 3 | * | 7239.900 | 46.09 | 11.69 | 57.78 | -30.42 | 88.20 | 135 | 300 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-20MHz_TX_Band8_CH 229_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

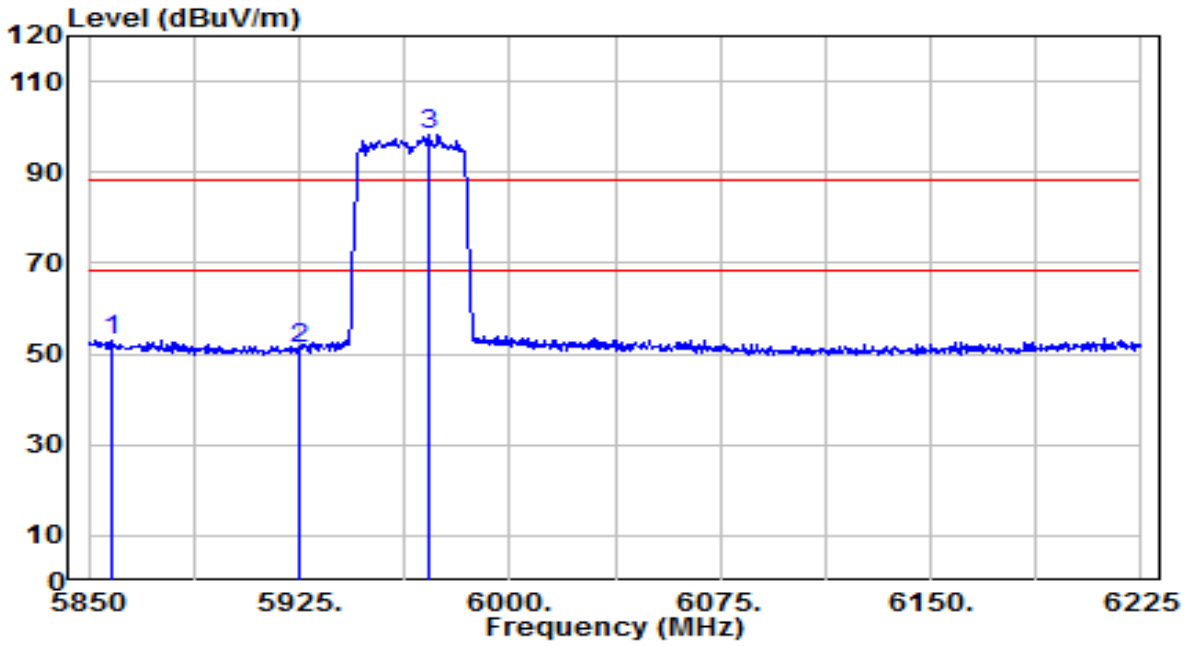



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7091.700 | 73.90 | 11.16 | 85.06 | N/A | N/A | 135 | 300 | Average |
| 2 | | 7125.000 | 30.77 | 11.28 | 42.06 | -26.14 | 68.20 | 135 | 300 | Average |
| 3 | * | 7239.900 | 32.24 | 11.69 | 43.93 | -24.27 | 68.20 | 135 | 300 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-40MHz_TX_Band5_CH 3_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

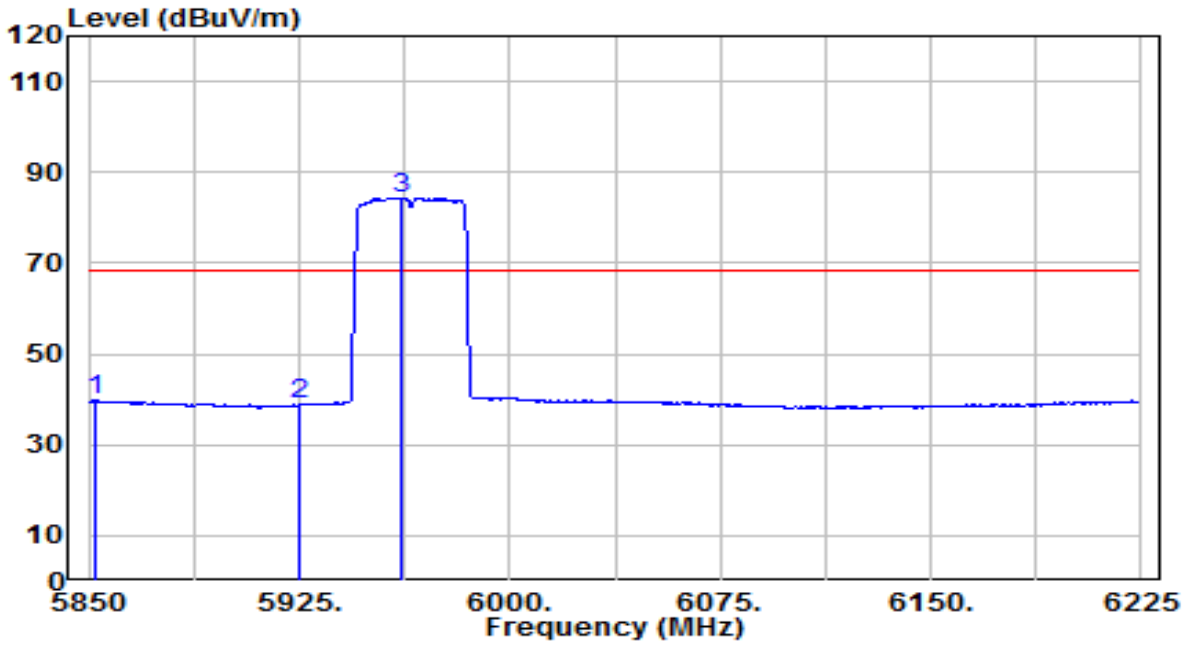



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5857.875 | 47.20 | 5.97 | 53.17 | -35.03 | 88.20 | 140 | 350 | Peak |
| 2 | | 5925.000 | 45.03 | 6.20 | 51.22 | -36.98 | 88.20 | 140 | 350 | Peak |
| 3 | | 5971.125 | 91.79 | 6.35 | 98.14 | N/A | N/A | 140 | 350 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-40MHz_TX_Band5_CH 3_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

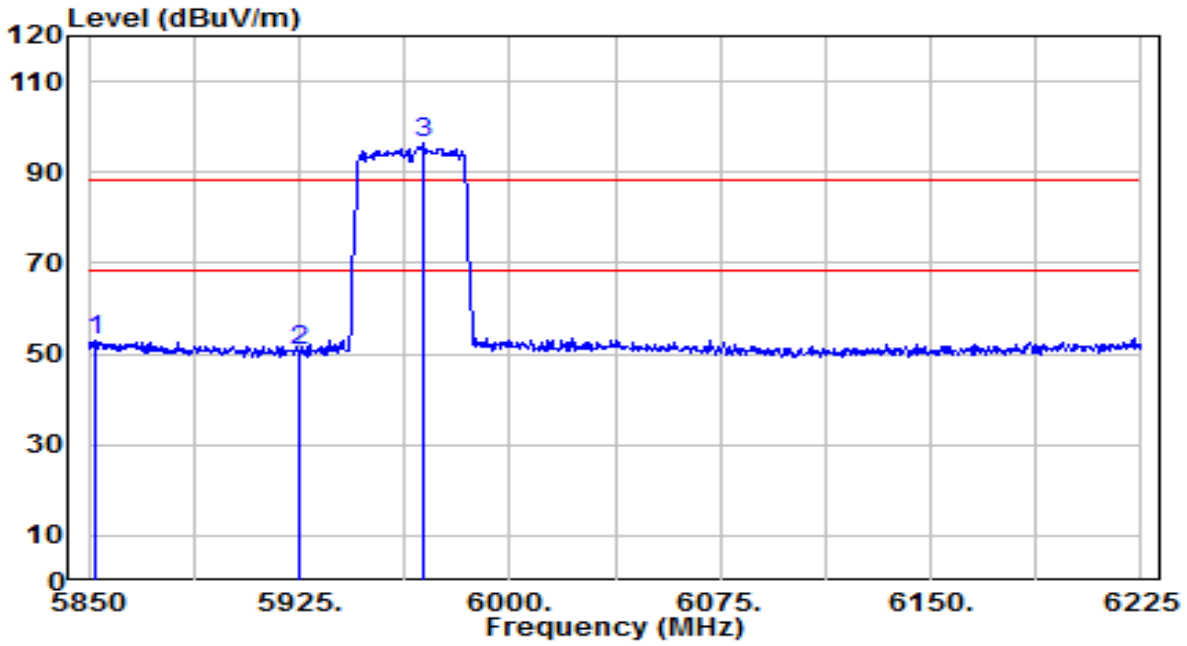



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5852.625 | 33.76 | 5.95 | 39.72 | -28.48 | 68.20 | 140 | 350 | Average |
| 2 | | 5925.000 | 32.60 | 6.20 | 38.80 | -29.40 | 68.20 | 140 | 350 | Average |
| 3 | | 5961.375 | 78.05 | 6.32 | 84.37 | N/A | N/A | 140 | 350 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-40MHz_TX_Band5_CH 3_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

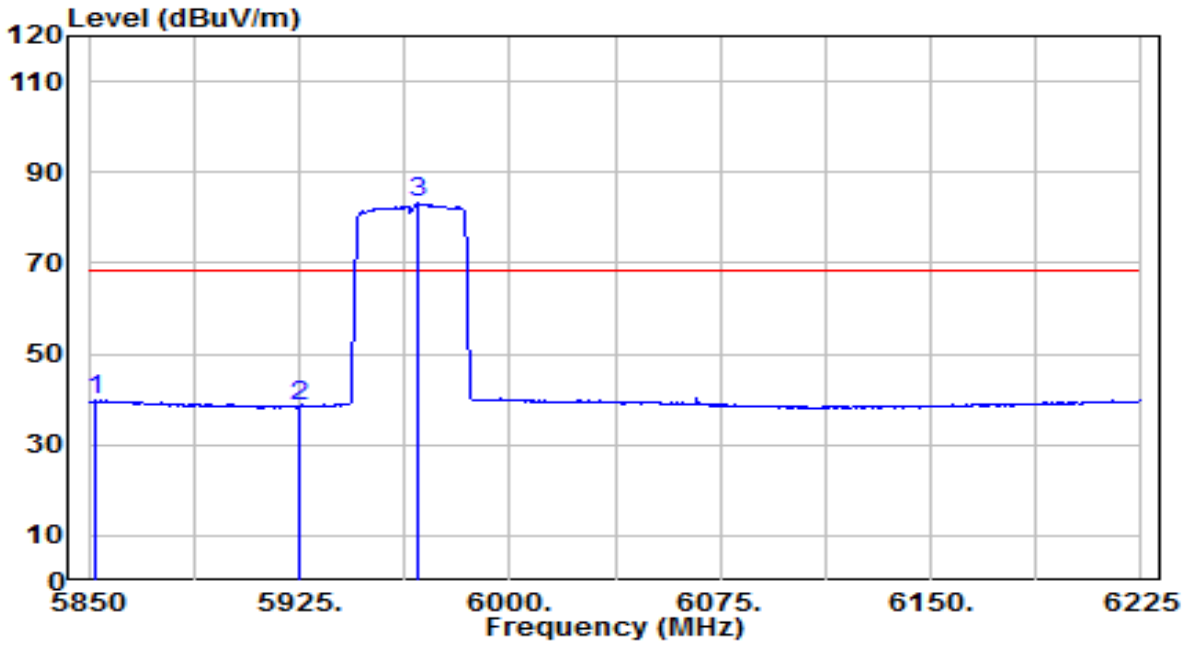



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5852.625 | 46.94 | 5.95 | 52.90 | -35.30 | 88.20 | 175 | 150 | Peak |
| 2 | | 5925.000 | 44.72 | 6.20 | 50.91 | -37.29 | 88.20 | 175 | 150 | Peak |
| 3 | | 5969.625 | 90.29 | 6.35 | 96.64 | N/A | N/A | 175 | 150 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-40MHz_TX_Band5_CH 3_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

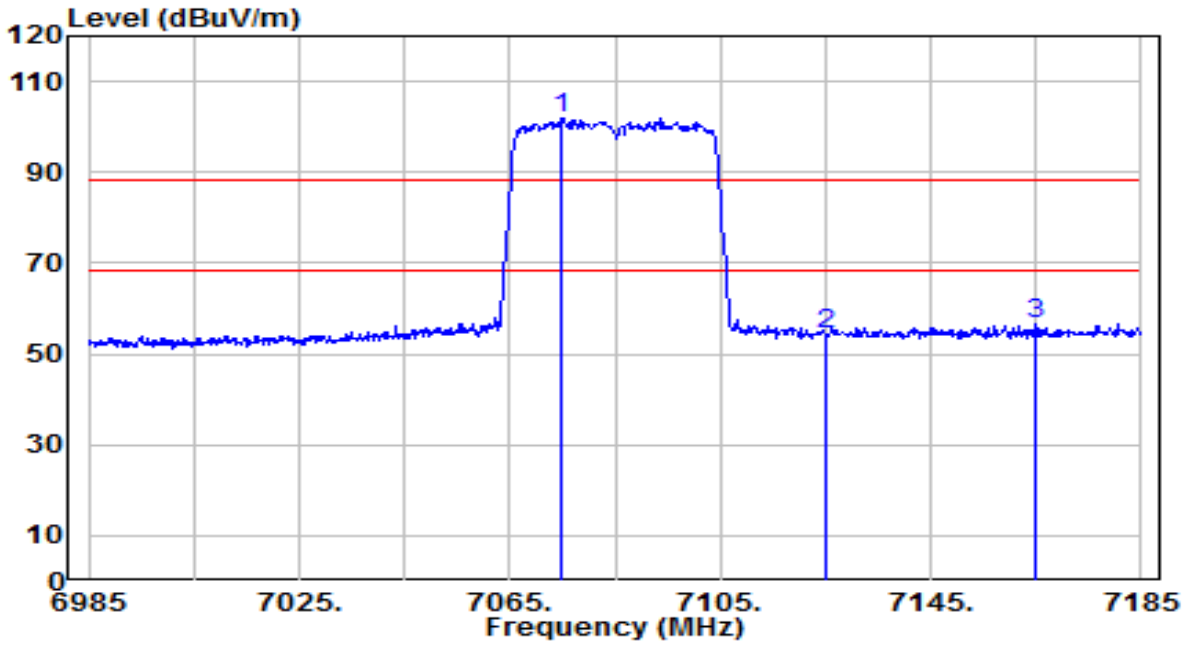



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5852.625 | 33.78 | 5.95 | 39.74 | -28.46 | 68.20 | 175 | 150 | Average |
| 2 | | 5925.000 | 32.25 | 6.20 | 38.44 | -29.76 | 68.20 | 175 | 150 | Average |
| 3 | | 5967.375 | 76.83 | 6.34 | 83.17 | N/A | N/A | 175 | 150 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-40MHz_TX_Band8_CH 227_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

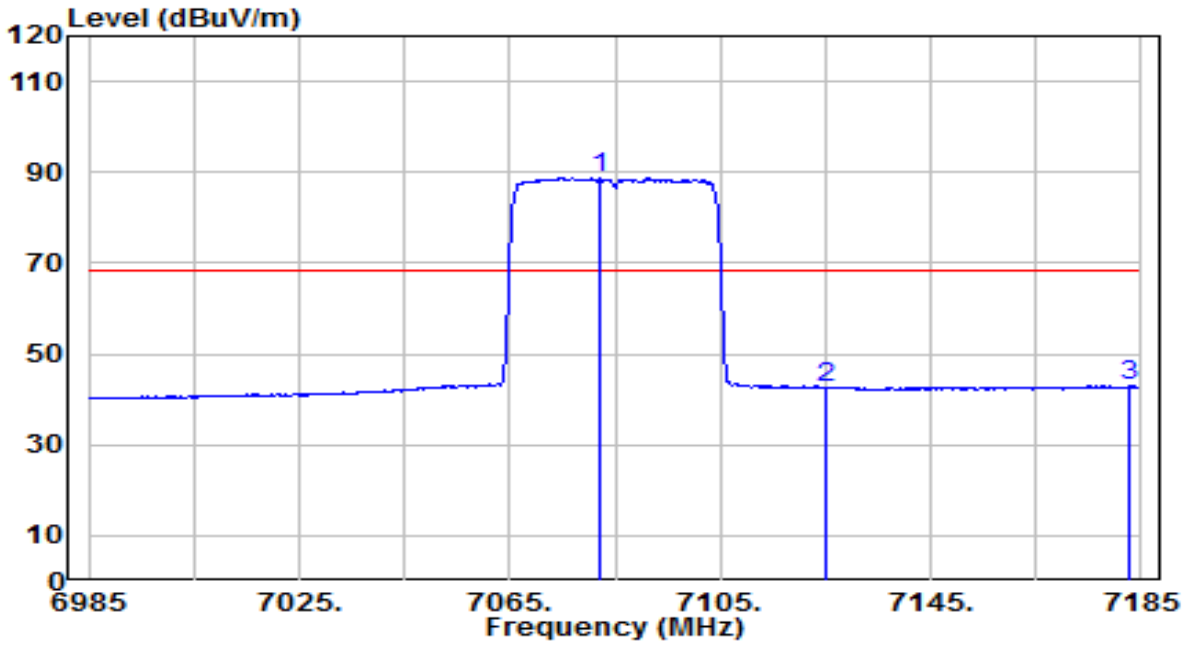



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7075.000 | 90.71 | 11.11 | 101.81 | N/A | N/A | 220 | 360 | Peak |
| 2 | | 7125.000 | 43.01 | 11.28 | 54.29 | -33.91 | 88.20 | 220 | 360 | Peak |
| 3 | * | 7164.800 | 45.24 | 11.42 | 56.66 | -31.54 | 88.20 | 220 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-40MHz_TX_Band8_CH 227_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

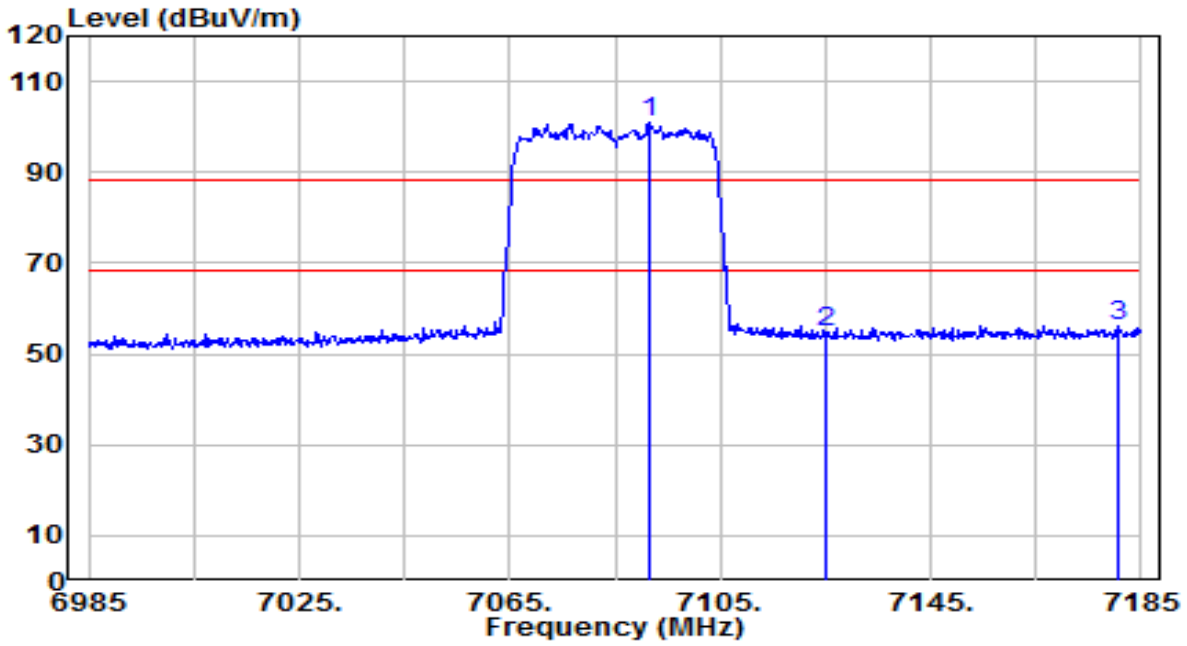



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7082.200 | 77.57 | 11.13 | 88.70 | N/A | N/A | 220 | 360 | Average |
| 2 | | 7125.000 | 31.22 | 11.28 | 42.50 | -25.70 | 68.20 | 220 | 360 | Average |
| 3 | * | 7182.600 | 31.48 | 11.49 | 42.97 | -25.23 | 68.20 | 220 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-40MHz_TX_Band8_CH 227_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

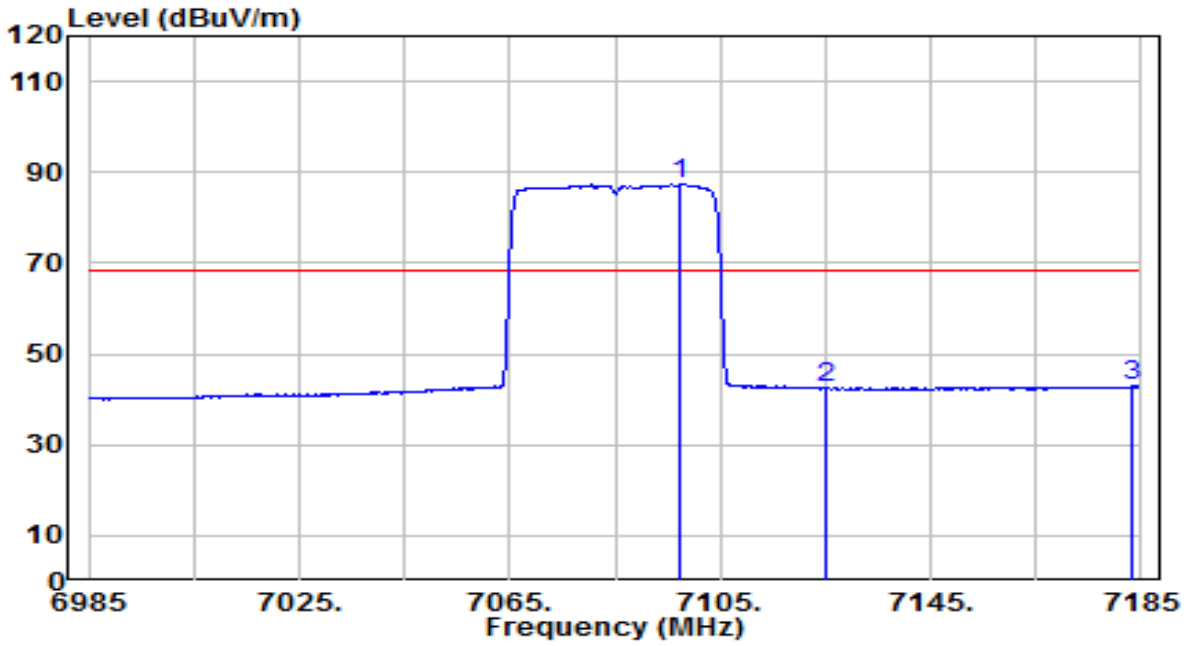



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7091.800 | 89.81 | 11.16 | 100.98 | N/A | N/A | 135 | 300 | Peak |
| 2 | | 7125.000 | 43.54 | 11.28 | 54.82 | -33.38 | 88.20 | 135 | 300 | Peak |
| 3 | * | 7180.800 | 44.79 | 11.48 | 56.27 | -31.93 | 88.20 | 135 | 300 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-40MHz_TX_Band8_CH 227_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

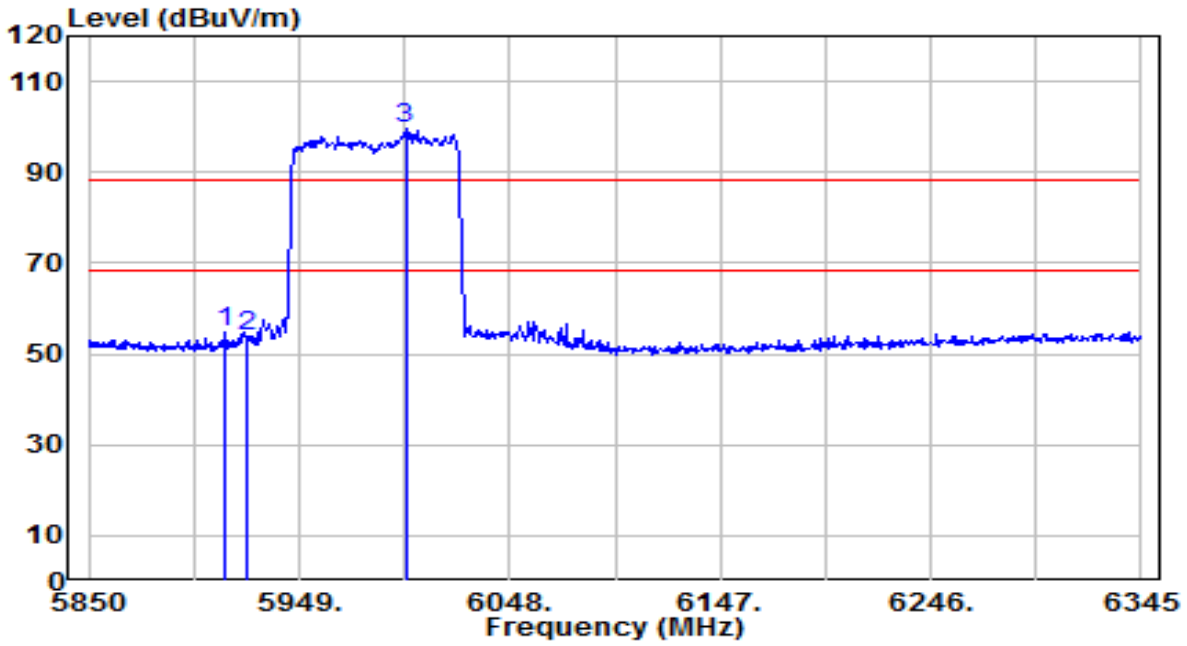



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7097.400 | 76.24 | 11.18 | 87.43 | N/A | N/A | 135 | 300 | Average |
| 2 | | 7125.000 | 31.14 | 11.28 | 42.42 | -25.78 | 68.20 | 135 | 300 | Average |
| 3 | * | 7183.200 | 31.35 | 11.49 | 42.84 | -25.36 | 68.20 | 135 | 300 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-80MHz_TX_Band5_CH 7_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

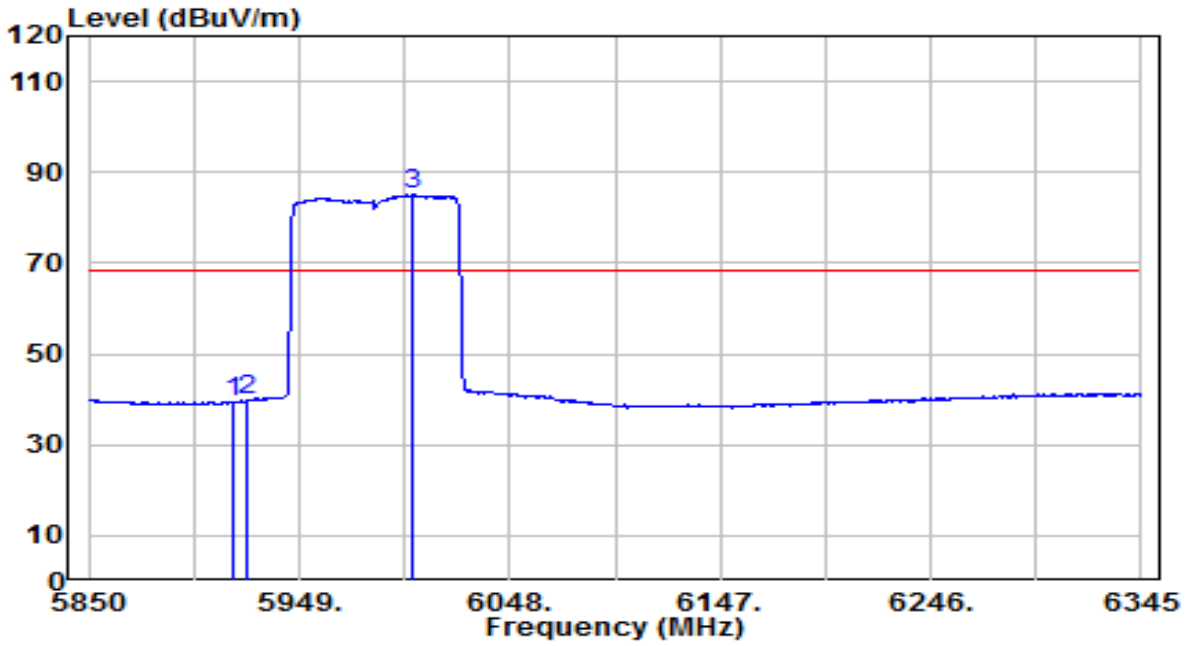



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5914.350 | 48.49 | 6.16 | 54.66 | -33.54 | 88.20 | 140 | 350 | Peak |
| 2 | | 5925.000 | 47.77 | 6.20 | 53.97 | -34.23 | 88.20 | 140 | 350 | Peak |
| 3 | | 5998.995 | 93.16 | 6.45 | 99.60 | N/A | N/A | 140 | 350 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-80MHz_TX_Band5_CH 7_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

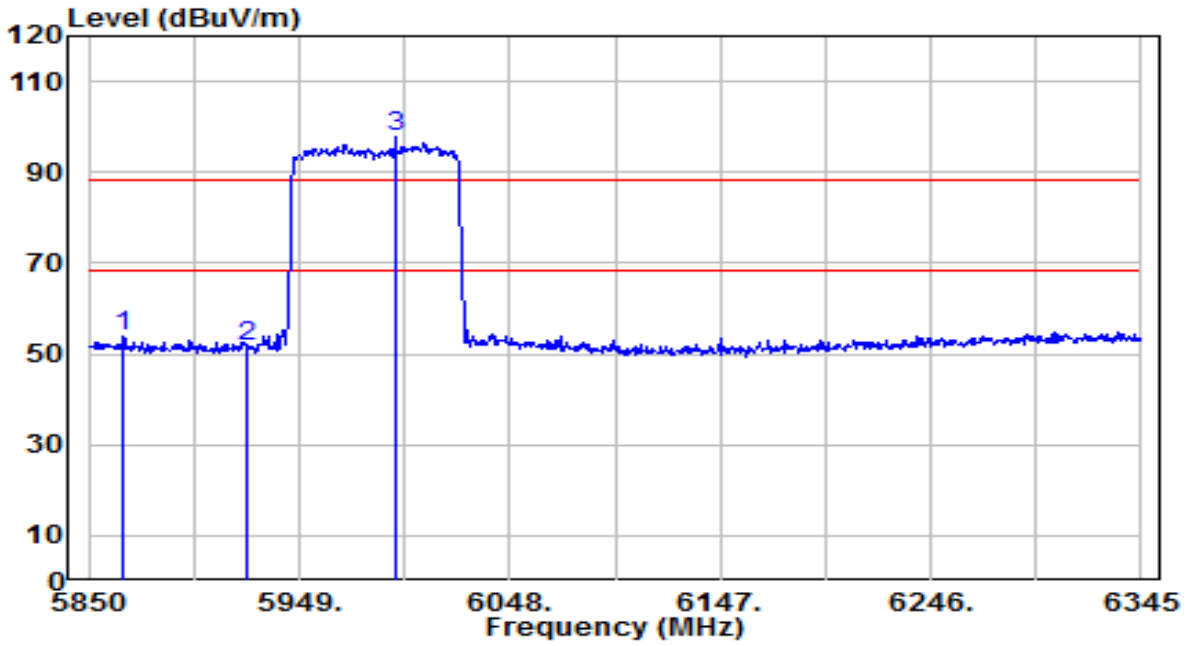



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5918.310 | 33.43 | 6.18 | 39.60 | -28.60 | 68.20 | 140 | 350 | Average |
| 2 | * | 5925.000 | 33.59 | 6.20 | 39.79 | -28.41 | 68.20 | 140 | 350 | Average |
| 3 | | 6002.460 | 78.47 | 6.46 | 84.93 | N/A | N/A | 140 | 350 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-80MHz_TX_Band5_CH 7_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

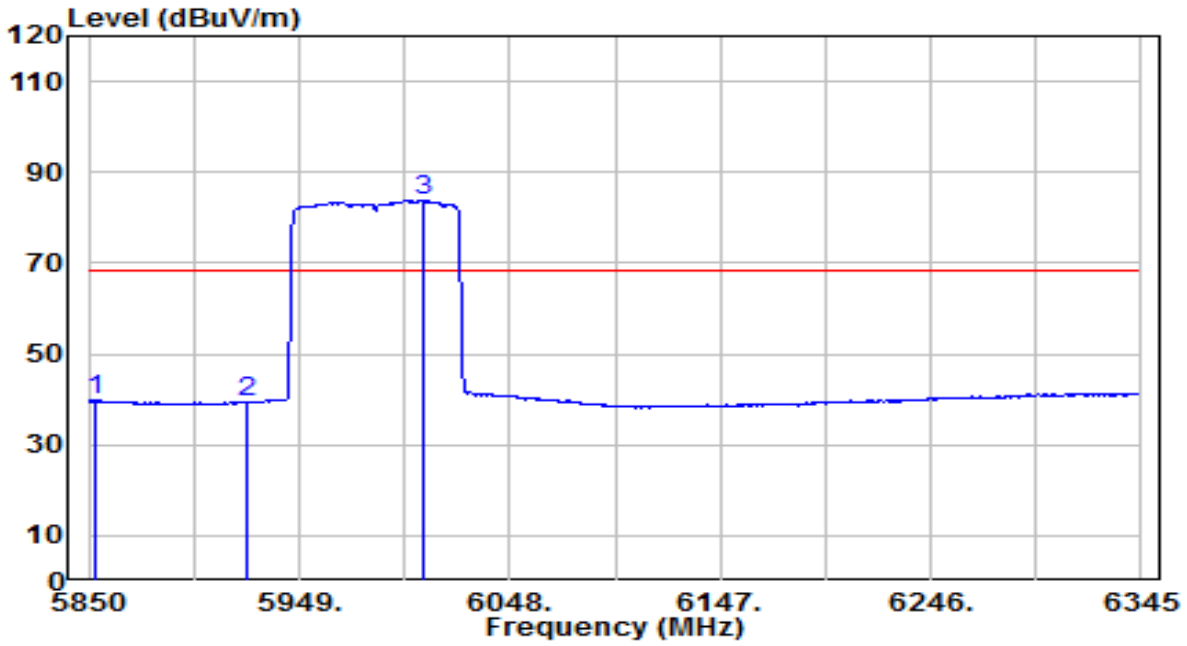



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5866.335 | 47.86 | 6.00 | 53.86 | -34.34 | 88.20 | 175 | 150 | Peak |
| 2 | | 5925.000 | 45.54 | 6.20 | 51.74 | -36.46 | 88.20 | 175 | 150 | Peak |
| 3 | | 5994.540 | 91.57 | 6.43 | 98.00 | N/A | N/A | 175 | 150 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-80MHz_TX_Band5_CH 7_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

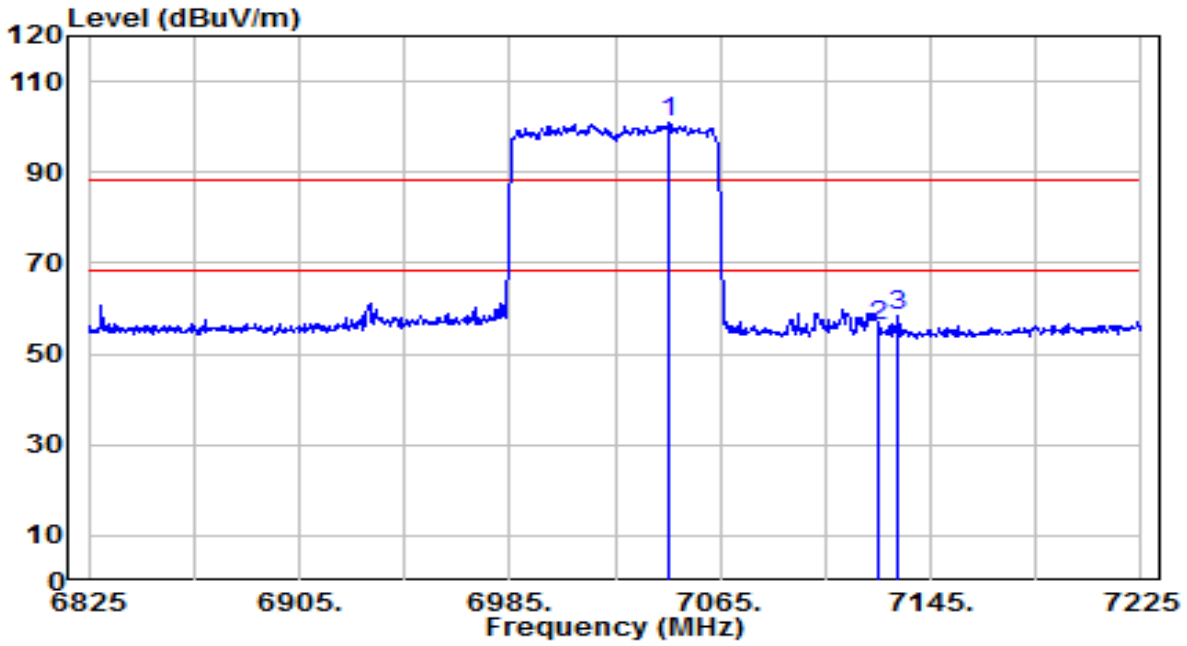



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5852.970 | 33.84 | 5.96 | 39.79 | -28.41 | 68.20 | 175 | 150 | Average |
| 2 | | 5925.000 | 33.10 | 6.20 | 39.30 | -28.90 | 68.20 | 175 | 150 | Average |
| 3 | | 6006.915 | 77.49 | 6.48 | 83.97 | N/A | N/A | 175 | 150 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

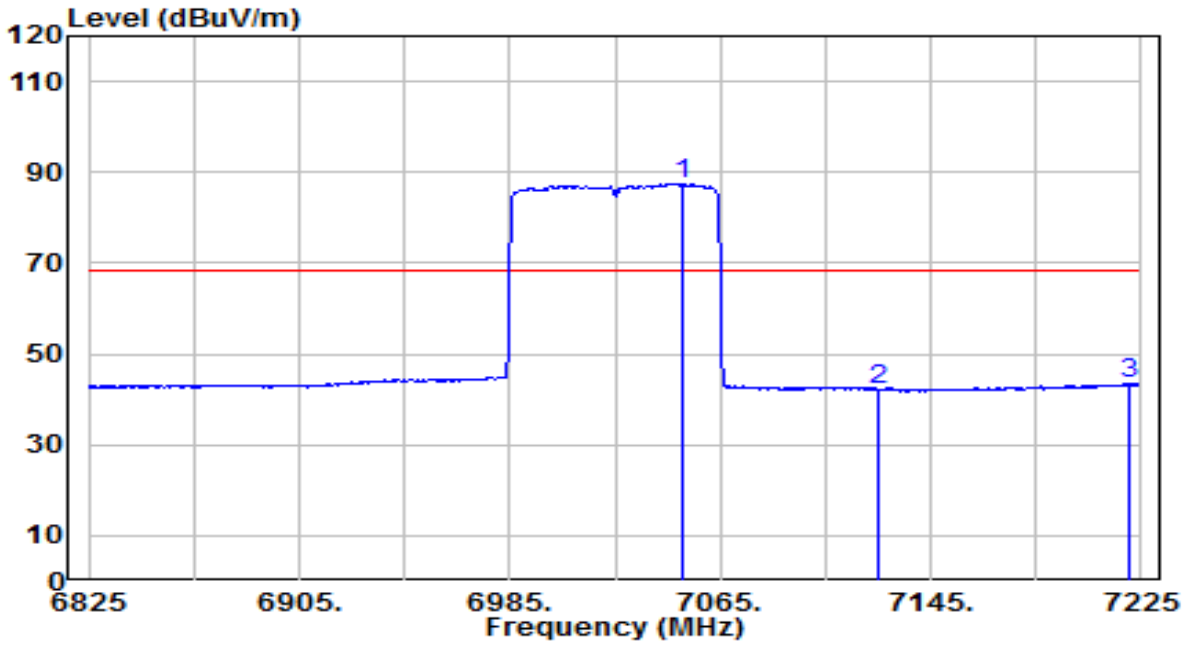



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7045.400 | 90.17 | 11.00 | 101.17 | N/A | N/A | 220 | 360 | Peak |
| 2 | | 7125.000 | 45.03 | 11.28 | 56.31 | -31.89 | 88.20 | 220 | 360 | Peak |
| 3 | * | 7132.600 | 47.08 | 11.31 | 58.39 | -29.81 | 88.20 | 220 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

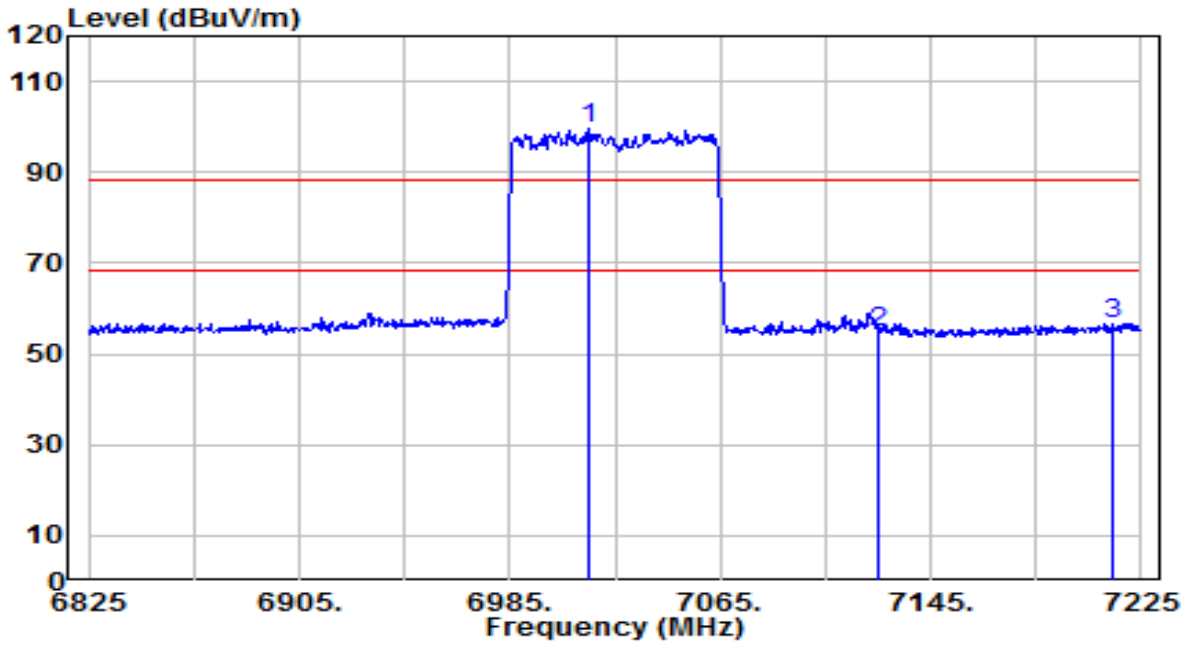



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7051.000 | 76.42 | 11.02 | 87.44 | N/A | N/A | 220 | 360 | Average |
| 2 | | 7125.000 | 31.05 | 11.28 | 42.33 | -25.87 | 68.20 | 220 | 360 | Average |
| 3 | * | 7220.600 | 31.92 | 11.62 | 43.54 | -24.66 | 68.20 | 220 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

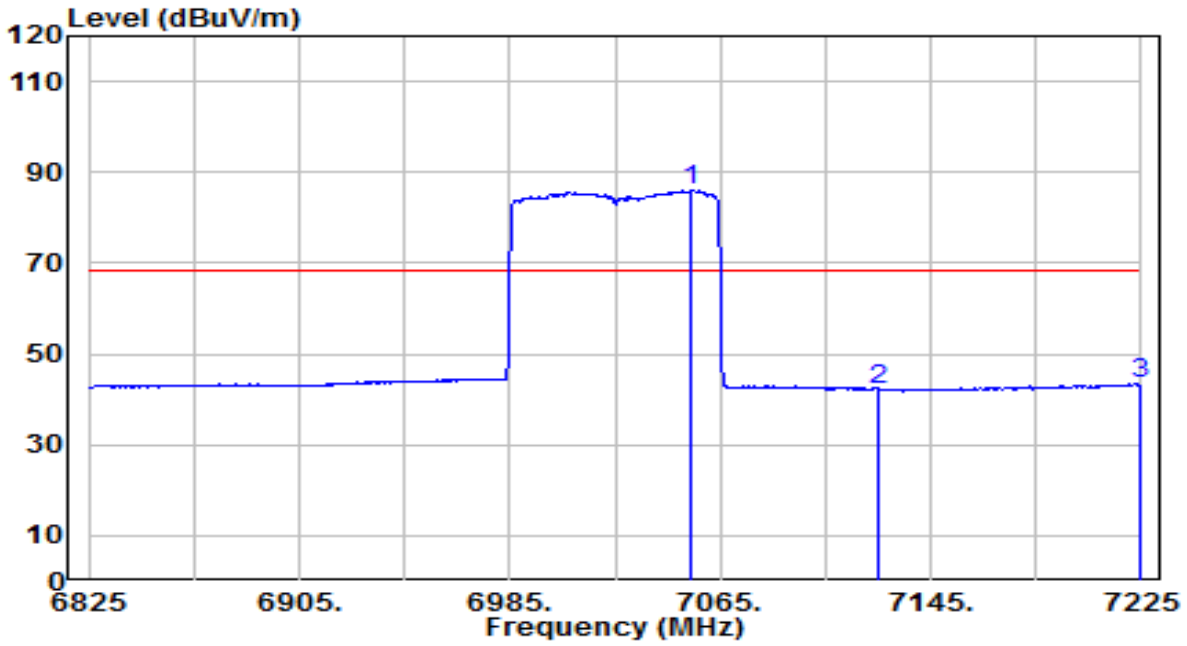



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7014.600 | 88.65 | 10.89 | 99.54 | N/A | N/A | 135 | 300 | Peak |
| 2 | | 7125.000 | 43.56 | 11.28 | 54.84 | -33.36 | 88.20 | 135 | 300 | Peak |
| 3 | * | 7214.600 | 45.17 | 11.60 | 56.77 | -31.43 | 88.20 | 135 | 300 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-80MHz_TX_Band8_CH 215_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

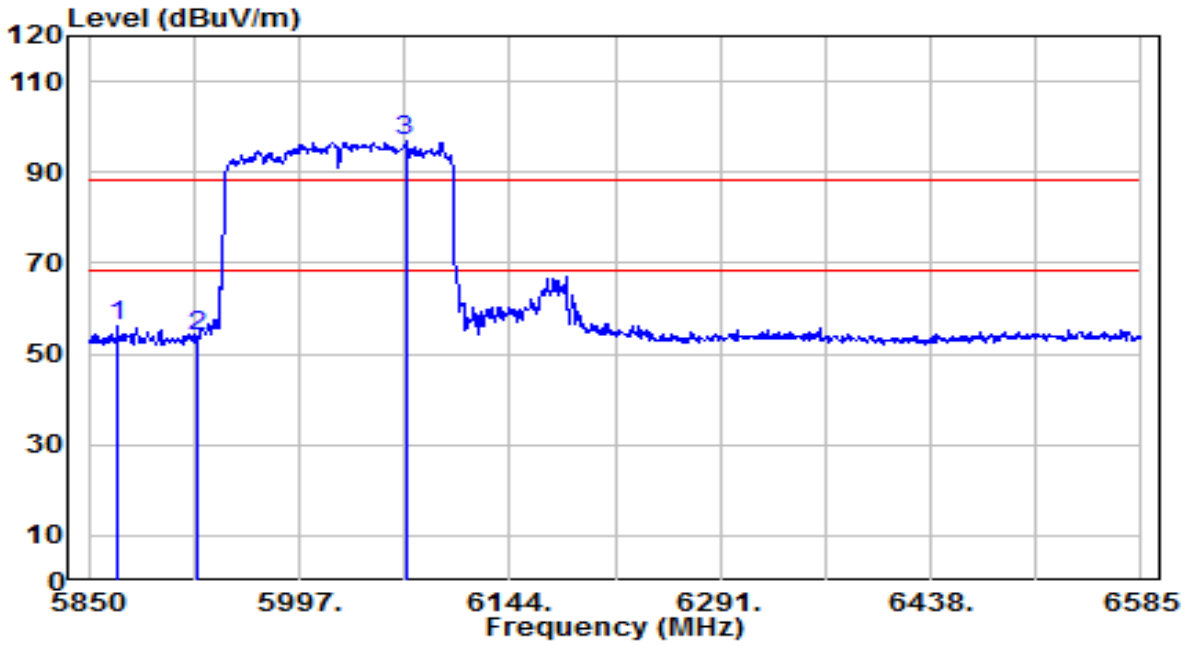



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7054.200 | 74.96 | 11.03 | 85.99 | N/A | N/A | 135 | 300 | Average |
| 2 | | 7125.000 | 30.98 | 11.28 | 42.26 | -25.94 | 68.20 | 135 | 300 | Average |
| 3 | * | 7224.200 | 31.84 | 11.63 | 43.47 | -24.73 | 68.20 | 135 | 300 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-160MHz_TX_Band5_CH 15_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

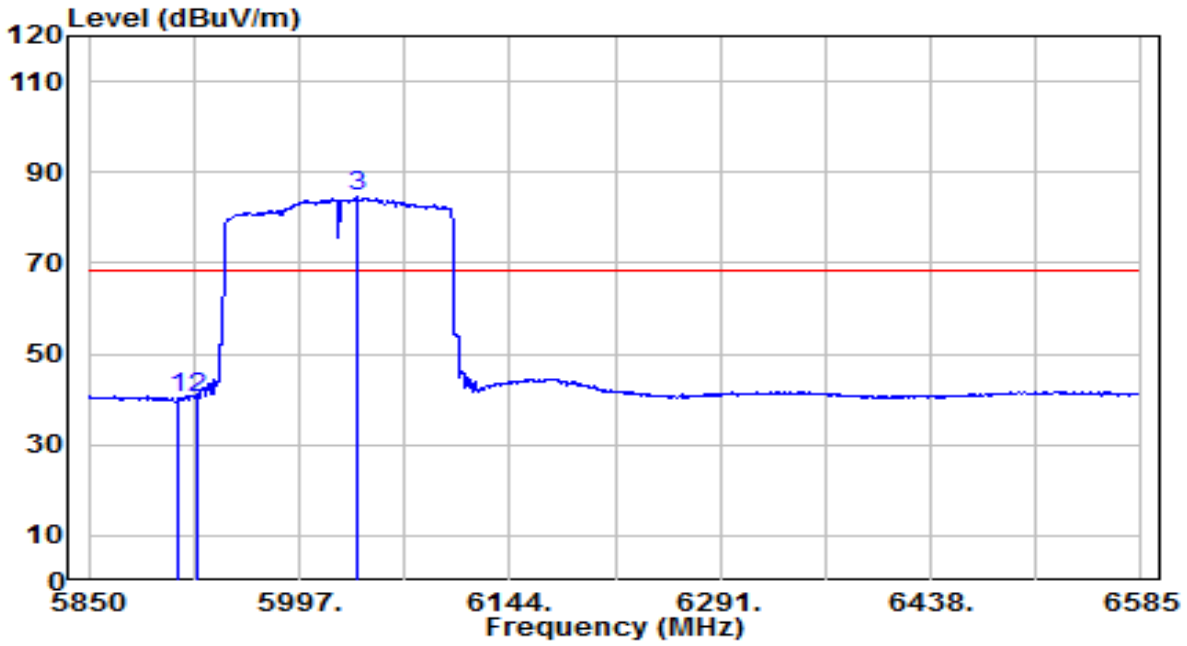



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5869.845 | 50.03 | 6.01 | 56.04 | -32.16 | 88.20 | 140 | 350 | Peak |
| 2 | | 5925.000 | 47.82 | 6.20 | 54.02 | -34.18 | 88.20 | 140 | 350 | Peak |
| 3 | | 6071.235 | 89.98 | 6.73 | 96.71 | N/A | N/A | 140 | 350 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-160MHz_TX_Band5_CH 15_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

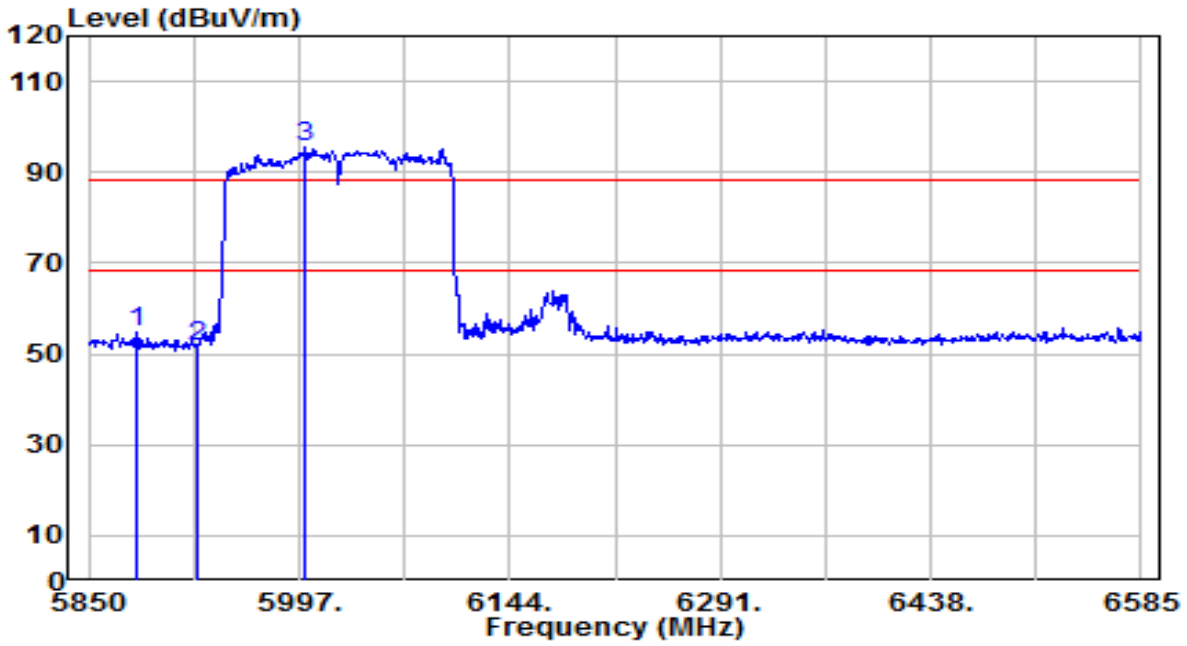



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5913.210 | 34.30 | 6.16 | 40.46 | -27.74 | 68.20 | 140 | 350 | Average |
| 2 | | 5925.000 | 34.16 | 6.20 | 40.35 | -27.85 | 68.20 | 140 | 350 | Average |
| 3 | | 6036.690 | 77.89 | 6.60 | 84.48 | N/A | N/A | 140 | 350 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-160MHz_TX_Band5_CH 15_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

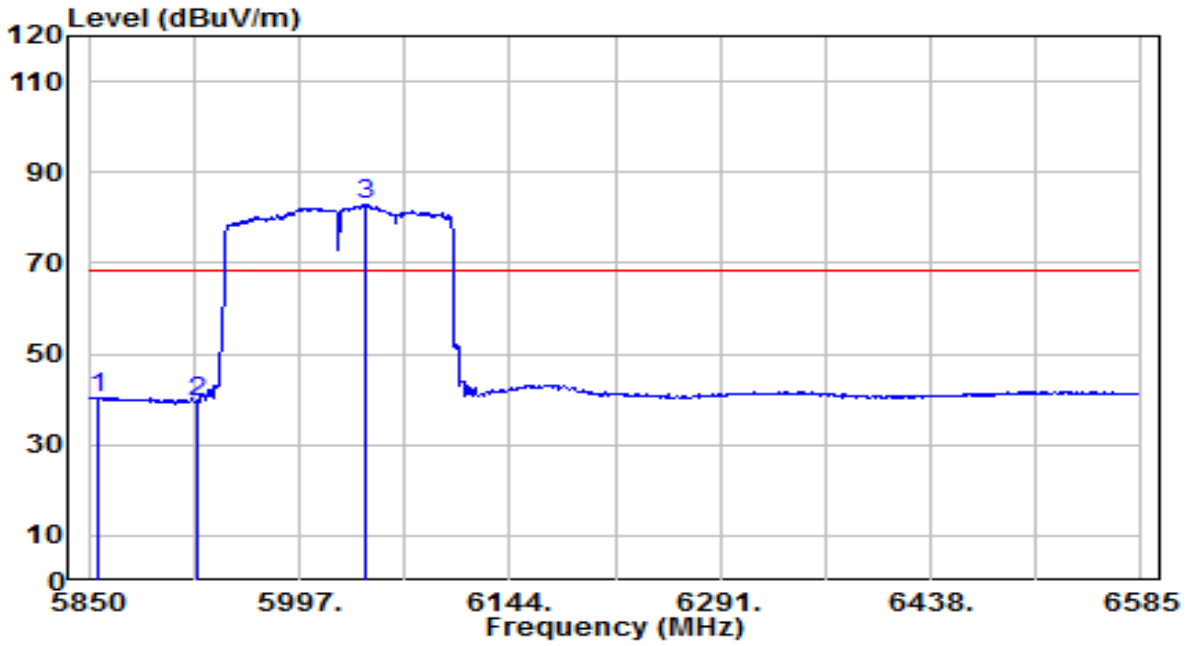



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5883.810 | 48.60 | 6.06 | 54.66 | -33.54 | 88.20 | 175 | 150 | Peak |
| 2 | | 5925.000 | 45.59 | 6.20 | 51.79 | -36.41 | 88.20 | 175 | 150 | Peak |
| 3 | | 6000.675 | 88.91 | 6.45 | 95.36 | N/A | N/A | 175 | 150 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-160MHz_TX_Band5_CH 15_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

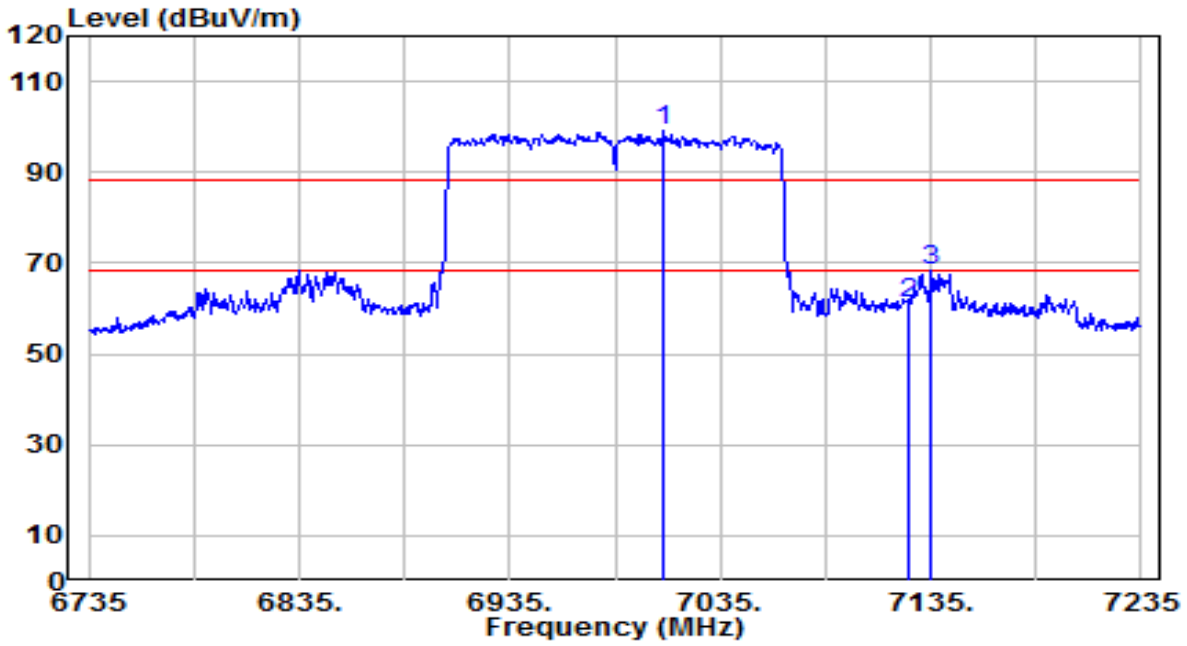



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * | 5855.880 | 34.45 | 5.97 | 40.41 | -27.79 | 68.20 | 175 | 150 | Average |
| 2 | | 5925.000 | 33.38 | 6.20 | 39.58 | -28.62 | 68.20 | 175 | 150 | Average |
| 3 | | 6044.040 | 76.37 | 6.63 | 83.00 | N/A | N/A | 175 | 150 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-160MHz_TX_Band8_CH 207_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

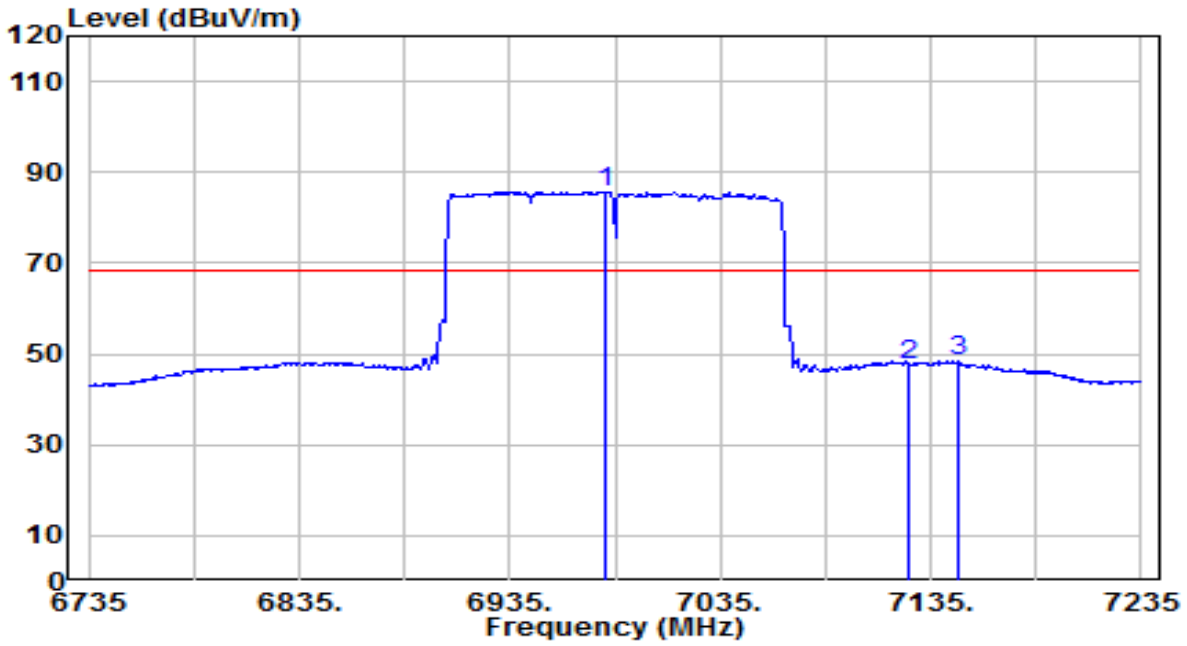



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7008.500 | 88.28 | 10.87 | 99.15 | N/A | N/A | 220 | 360 | Peak |
| 2 | | 7125.000 | 49.92 | 11.28 | 61.21 | -26.99 | 88.20 | 220 | 360 | Peak |
| 3 | * | 7135.000 | 57.13 | 11.32 | 68.45 | -19.75 | 88.20 | 220 | 360 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Horizontal | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-160MHz_TX_Band8_CH 207_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

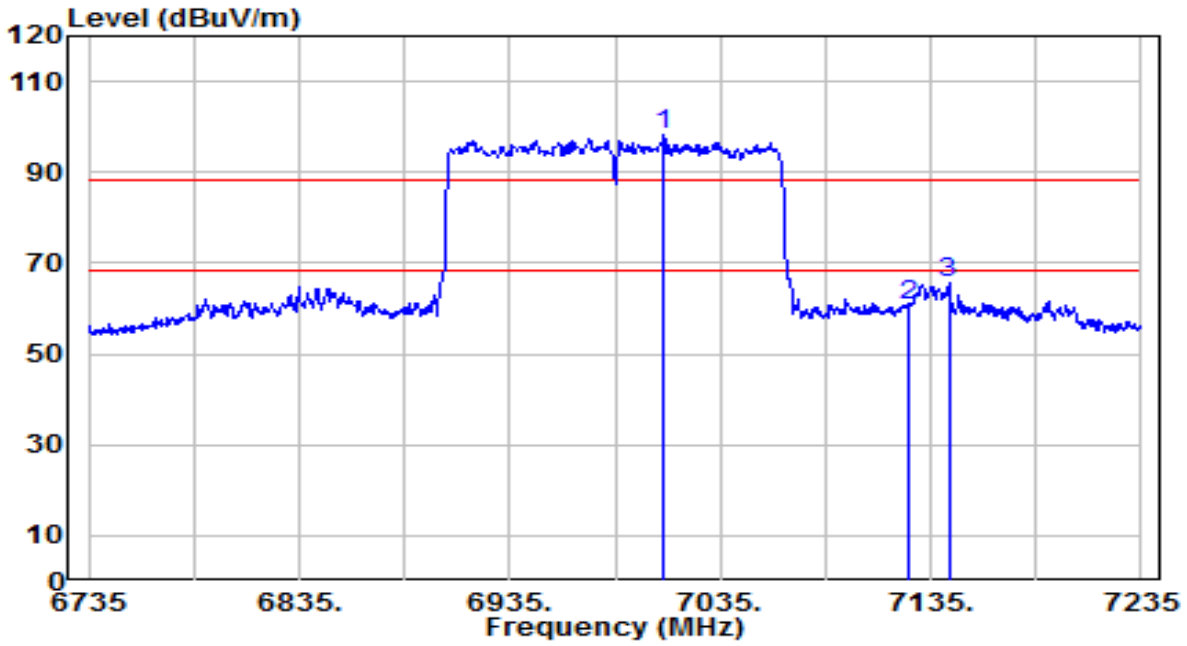



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 6981.000 | 74.97 | 10.75 | 85.72 | N/A | N/A | 220 | 360 | Average |
| 2 | | 7125.000 | 36.17 | 11.28 | 47.46 | -20.74 | 68.20 | 220 | 360 | Average |
| 3 | * | 7148.500 | 37.02 | 11.37 | 48.39 | -19.81 | 68.20 | 220 | 360 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-160MHz_TX_Band8_CH 207_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |

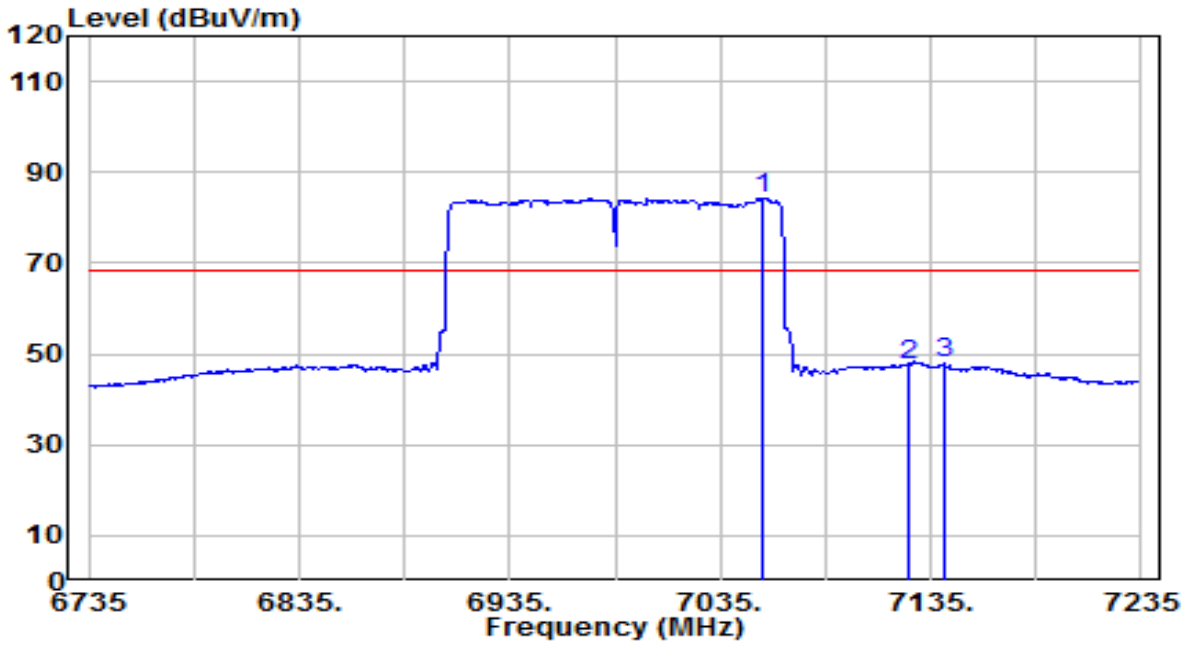



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7008.500 | 87.28 | 10.87 | 98.15 | N/A | N/A | 135 | 300 | Peak |
| 2 | | 7125.000 | 49.21 | 11.28 | 60.49 | -27.71 | 88.20 | 135 | 300 | Peak |
| 3 | * | 7143.500 | 54.14 | 11.35 | 65.48 | -22.72 | 88.20 | 135 | 300 | Peak |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-20 |
|---|---|---|---|
| Factor | BBHA 9120D | Temp. / Humidity | 26°C /62% |
| Polarity | Vertical | Site / Test Engineer | AC1 / Todd |
| Test Mode | 802.11be-160MHz_TX_Band8_CH 207_ANT 0+1_NSS2 | Test Voltage | By Notebook PC |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7054.500 | 73.29 | 11.03 | 84.32 | N/A | N/A | 135 | 300 | Average |
| 2 | | 7125.000 | 36.33 | 11.28 | 47.62 | -20.58 | 68.20 | 135 | 300 | Average |
| 3 | * | 7141.500 | 36.79 | 11.34 | 48.13 | -20.07 | 68.20 | 135 | 300 | Average |

Note:

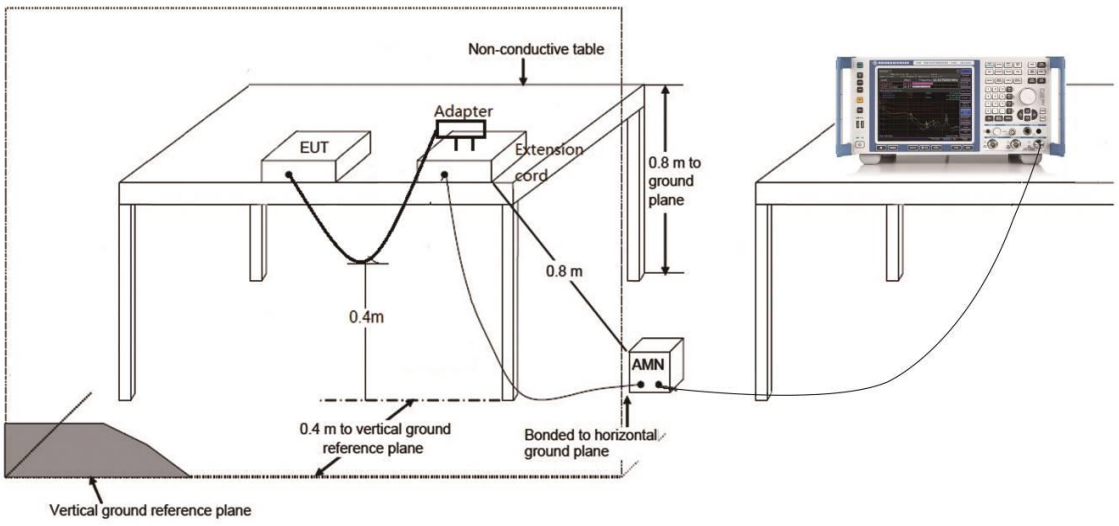
1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

# 6.10. AC Conducted Emissions

## 6.10.1. Test Limit

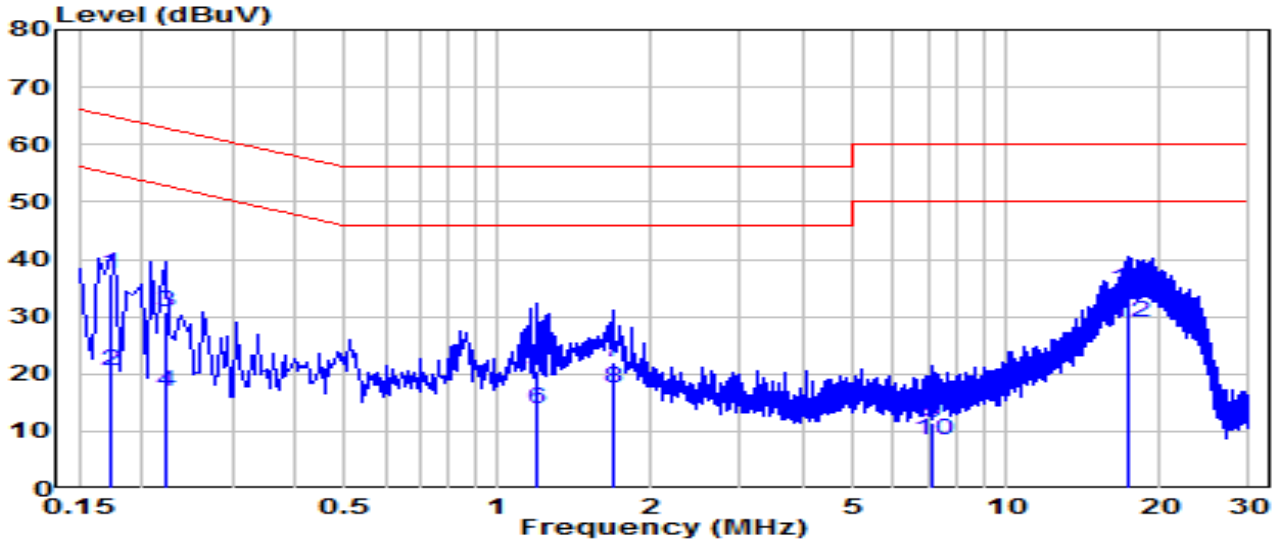
| FCC Part 15.207 Limits | | |
|---|---|---|
| Frequency (MHz) | QP (dBuV) | AV (dBuV) |
| 0.15 - 0.50 | 66 - 56 | 56 - 46 |
| 0.50 - 5.0 | 56 | 46 |
| 5.0 - 30 | 60 | 50 |
| Note 1: The lower limit shall apply at the transition frequencies.<br>Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz. | | |

## 6.10.2. Test Setup



### 6.10.3. Test Result

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-16 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 26.5°C /49% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Will |
| Test Mode | 802.11ax-20MHz_TX_Band5_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.172 | 27.71 | 9.63 | 37.34 | -27.50 | 64.84 | QP |
| 2 | | 0.172 | 10.88 | 9.63 | 20.51 | -34.32 | 54.84 | Average |
| 3 | | 0.222 | 21.17 | 9.63 | 30.80 | -31.94 | 62.74 | QP |
| 4 | | 0.222 | 7.23 | 9.63 | 16.86 | -35.88 | 52.74 | Average |
| 5 | | 1.194 | 10.76 | 9.68 | 20.45 | -35.55 | 56.00 | QP |
| 6 | | 1.194 | 4.28 | 9.68 | 13.96 | -32.04 | 46.00 | Average |
| 7 | | 1.693 | 12.24 | 9.69 | 21.93 | -34.07 | 56.00 | QP |
| 8 | | 1.693 | 7.94 | 9.69 | 17.63 | -28.37 | 46.00 | Average |
| 9 | | 7.120 | 1.63 | 9.80 | 11.43 | -48.57 | 60.00 | QP |
| 10 | | 7.120 | -1.25 | 9.80 | 8.55 | -41.45 | 50.00 | Average |
| 11 | * | 17.365 | 24.77 | 9.92 | 34.69 | -25.31 | 60.00 | QP |
| 12 | * | 17.365 | 19.05 | 9.92 | 28.97 | -21.03 | 50.00 | Average |

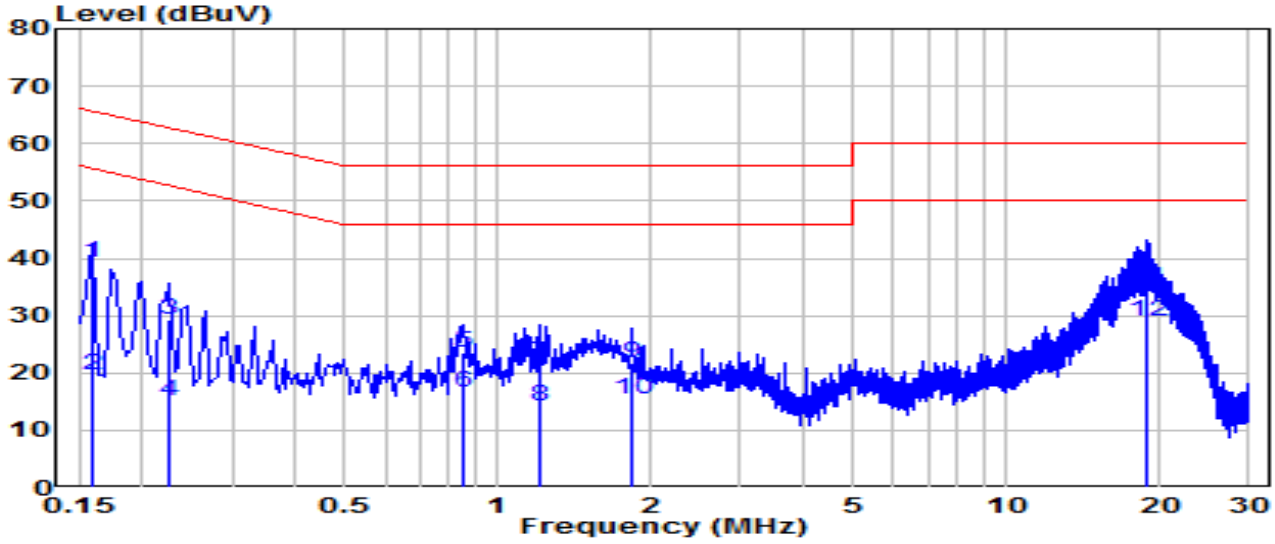
Note:

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

2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).

3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-16 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 26.5°C /49% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Will |
| Test Mode | 802.11ax-20MHz_TX_Band5_CH 1_ANT 0+1 | Test Voltage | AC 120V/60Hz |

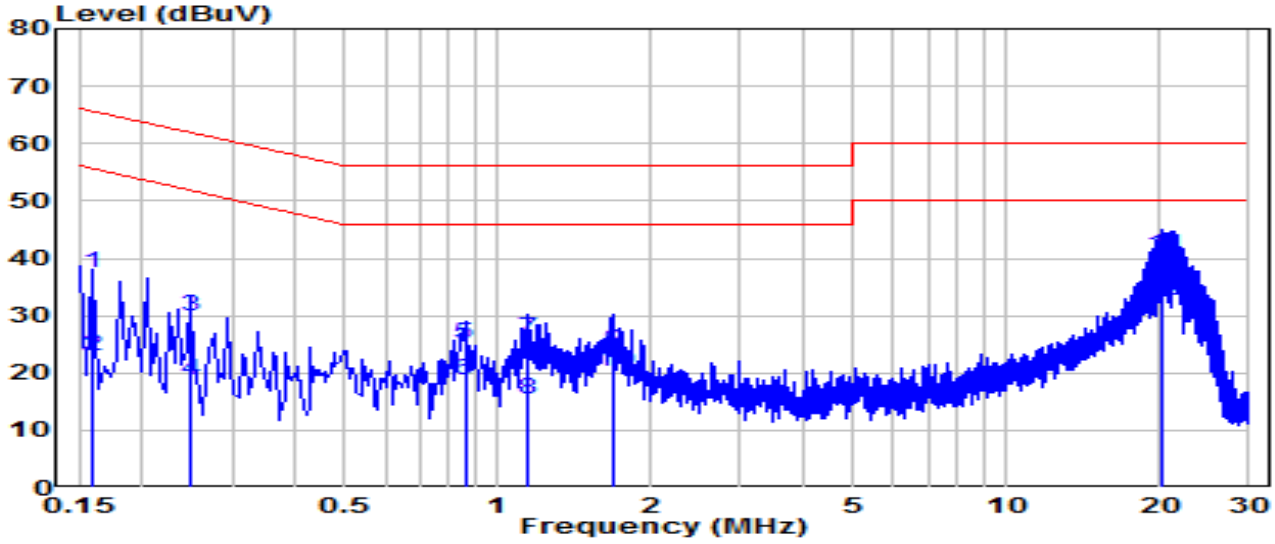



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.159 | 29.52 | 9.63 | 39.15 | -26.37 | 65.52 | QP |
| 2 | | 0.159 | 9.94 | 9.63 | 19.58 | -35.94 | 55.52 | Average |
| 3 | | 0.226 | 19.67 | 9.63 | 29.30 | -33.28 | 62.58 | QP |
| 4 | | 0.226 | 5.56 | 9.63 | 15.19 | -37.38 | 52.58 | Average |
| 5 | | 0.852 | 13.92 | 9.67 | 23.59 | -32.41 | 56.00 | QP |
| 6 | | 0.852 | 7.03 | 9.67 | 16.70 | -29.30 | 46.00 | Average |
| 7 | | 1.212 | 11.94 | 9.69 | 21.63 | -34.37 | 56.00 | QP |
| 8 | | 1.212 | 4.44 | 9.69 | 14.13 | -31.87 | 46.00 | Average |
| 9 | | 1.828 | 12.13 | 9.70 | 21.84 | -34.16 | 56.00 | QP |
| 10 | | 1.828 | 5.79 | 9.70 | 15.49 | -30.51 | 46.00 | Average |
| 11 | * | 18.837 | 24.80 | 9.99 | 34.79 | -25.21 | 60.00 | QP |
| 12 | * | 18.837 | 19.10 | 9.99 | 29.09 | -20.91 | 50.00 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-16 |
|---|---|---|---|
| Factor | CE_ENV216-L1 (Filter ON) | Temp. / Humidity | 26.5°C /49% |
| Polarity | Line1 | Site / Test Engineer | SR2 / Will |
| Test Mode | 802.11ax-20MHz_TX_Band5_CH 1_ANT 0+1 | Test Voltage | AC 240V/60Hz |

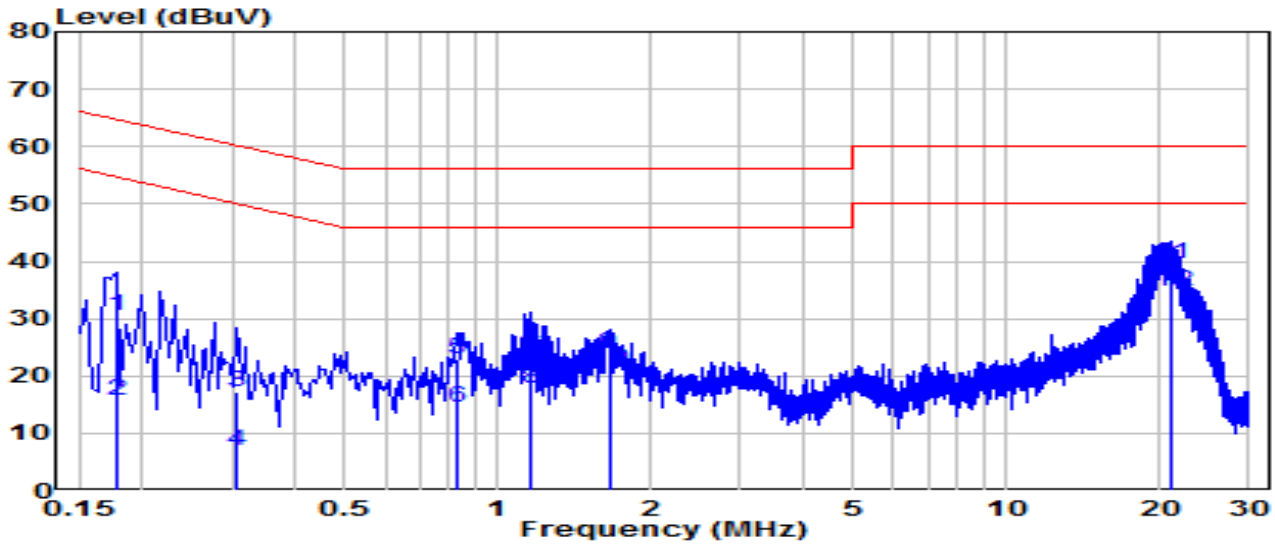



| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.159 | 27.95 | 9.63 | 37.58 | -27.93 | 65.52 | QP |
| 2 | | 0.159 | 13.43 | 9.63 | 23.06 | -32.45 | 55.52 | Average |
| 3 | | 0.249 | 20.13 | 9.64 | 29.76 | -32.03 | 61.79 | QP |
| 4 | | 0.249 | 9.16 | 9.64 | 18.79 | -33.00 | 51.79 | Average |
| 5 | | 0.861 | 15.53 | 9.67 | 25.21 | -30.79 | 56.00 | QP |
| 6 | | 0.861 | 9.12 | 9.67 | 18.79 | -27.21 | 46.00 | Average |
| 7 | | 1.140 | 16.26 | 9.68 | 25.94 | -30.06 | 56.00 | QP |
| 8 | | 1.140 | 5.82 | 9.68 | 15.50 | -30.50 | 46.00 | Average |
| 9 | | 1.680 | 14.03 | 9.69 | 23.73 | -32.27 | 56.00 | QP |
| 10 | | 1.680 | 10.63 | 9.69 | 20.32 | -25.68 | 46.00 | Average |
| 11 | * | 20.326 | 30.58 | 9.94 | 40.52 | -19.48 | 60.00 | QP |
| 12 | * | 20.326 | 22.62 | 9.94 | 32.56 | -17.44 | 50.00 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

| EUT | BE6500 Wi-Fi 7 High Gain Wireless USB Adapter | Date of Test | 2024-09-16 |
|---|---|---|---|
| Factor | CE_ENV216-N (Filter ON) | Temp. / Humidity | 26.5°C /49% |
| Polarity | Neutral | Site / Test Engineer | SR2 / Will |
| Test Mode | 802.11ax-20MHz_TX_Band5_CH 1_ANT 0+1 | Test Voltage | AC 240V/60Hz |




| No | | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|---|---|---|---|---|---|---|---|---|
| 1 | | 0.177 | 20.99 | 9.63 | 30.62 | -34.00 | 64.63 | QP |
| 2 | | 0.177 | 6.12 | 9.63 | 15.75 | -38.88 | 54.63 | Average |
| 3 | | 0.307 | 7.66 | 9.64 | 17.30 | -42.74 | 60.04 | QP |
| 4 | | 0.307 | -2.65 | 9.64 | 6.99 | -43.05 | 50.04 | Average |
| 5 | | 0.834 | 13.40 | 9.67 | 23.07 | -32.93 | 56.00 | QP |
| 6 | | 0.834 | 4.71 | 9.67 | 14.38 | -31.62 | 46.00 | Average |
| 7 | | 1.153 | 13.59 | 9.68 | 23.27 | -32.73 | 56.00 | QP |
| 8 | | 1.153 | 8.25 | 9.68 | 17.93 | -28.07 | 46.00 | Average |
| 9 | | 1.653 | 14.10 | 9.70 | 23.79 | -32.21 | 56.00 | QP |
| 10 | | 1.653 | 11.46 | 9.70 | 21.16 | -24.84 | 46.00 | Average |
| 11 | * | 21.109 | 29.67 | 10.00 | 39.67 | -20.33 | 60.00 | QP |
| 12 | * | 21.109 | 24.70 | 10.00 | 34.70 | -15.30 | 50.00 | Average |

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

# 7. Conclusion

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC rules.

## Appendix A : Test Setup Photograph

Refer to “2407TW0105-UT” file.

## Appendix B : External Photograph

Refer to “2407TW0105-UE” file.

## Appendix C : Internal Photograph

Refer to “2407TW0105-UI” file.

The End