# Appendix B: Test Results

**APPENDIX B: TEST RESULTS** ..... **1**

**APPENDIX B.1: TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL & HARMONICS** ..... 2

*30MHz - 1GHz* ..... *2*

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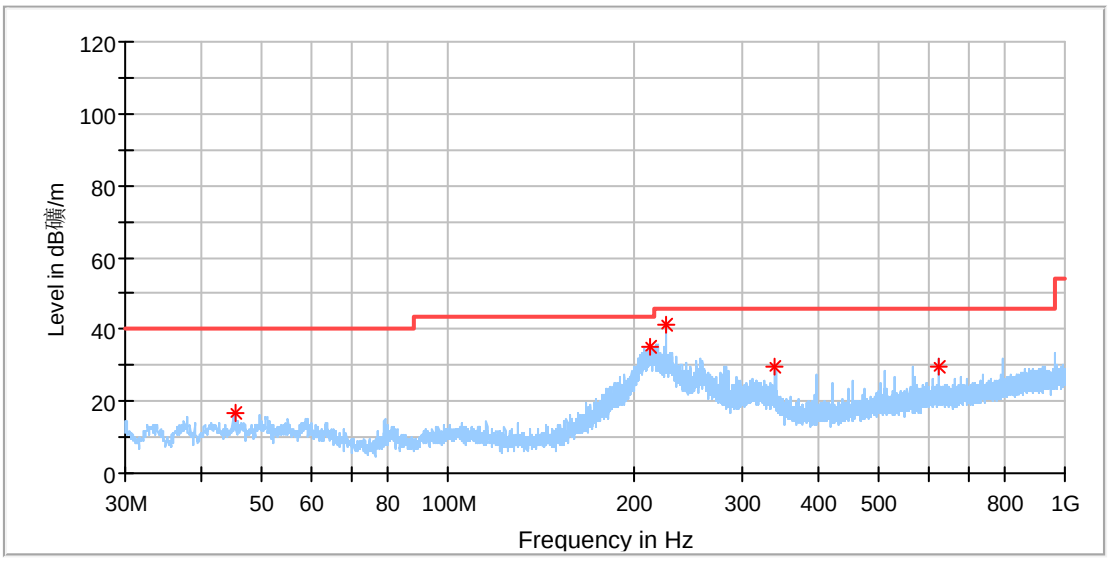
Note: The testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz to 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

## Appendix B.1: Test Results of Field strength of fundamental & harmonics

30MHz - 1GHz

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

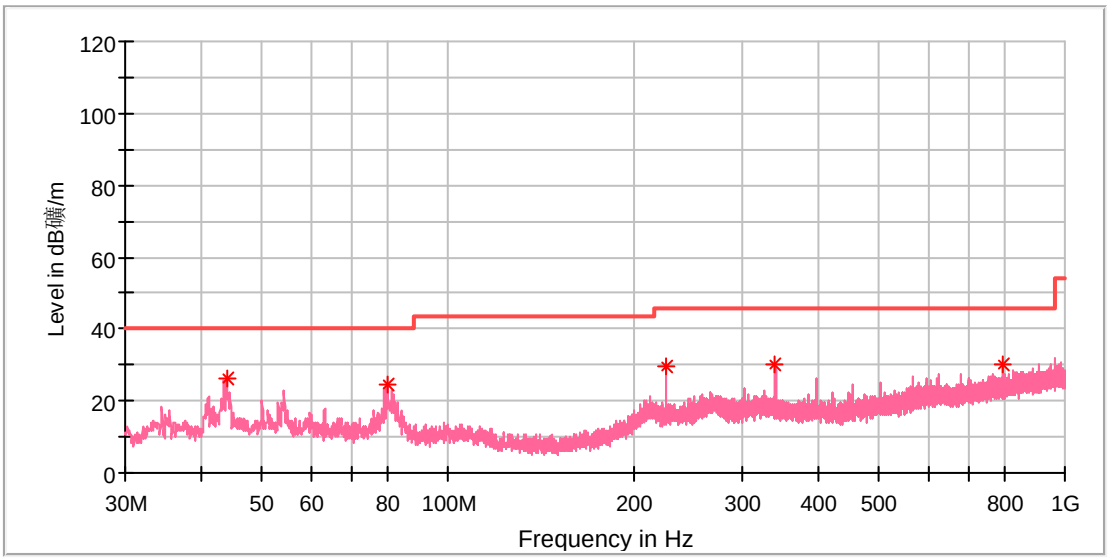



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| 45.180500 | 16.60 | 40.00 | 23.40 | 100.0 | H | 137.0 | -18.8 |
| 212.796500 | 35.29 | 43.50 | 8.21 | 100.0 | H | 0.0 | -18.8 |
| 226.279500 | 41.50 | 46.00 | 4.50 | 100.0 | H | 185.0 | -18.2 |
| 339.430000 | 29.69 | 46.00 | 16.31 | 100.0 | H | 63.0 | -15.0 |
| 622.185000 | 29.43 | 46.00 | 16.57 | 100.0 | H | 77.0 | -9.5 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |




## Critical_Freqs

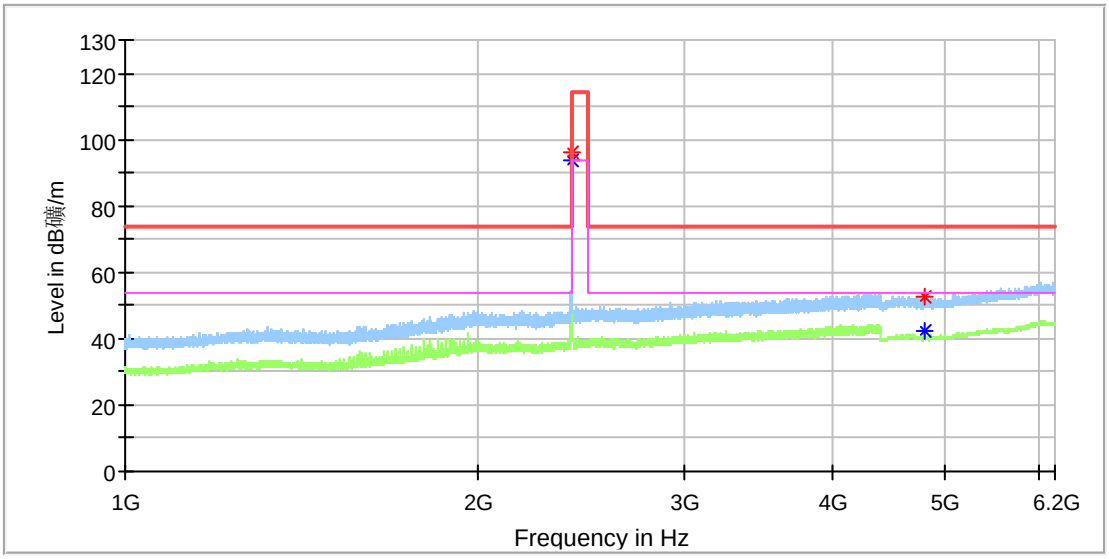
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| 43.774000 | 26.29 | 40.00 | 13.71 | 100.0 | V | 236.0 | -19.1 |
| 79.955000 | 24.44 | 40.00 | 15.56 | 100.0 | V | 359.0 | -23.5 |
| 226.231000 | 29.71 | 46.00 | 16.29 | 100.0 | V | 326.0 | -18.2 |
| 339.430000 | 30.12 | 46.00 | 15.88 | 100.0 | V | 209.0 | -15.0 |
| 791.935000 | 30.14 | 46.00 | 15.86 | 100.0 | V | 47.0 | -6.5 |

1GHz - 18GHz
Note: The highest waveform in the figure is 2.4GHz Fundamental.

For miha bodytec m.ove (project title: MBT2.1 light):

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

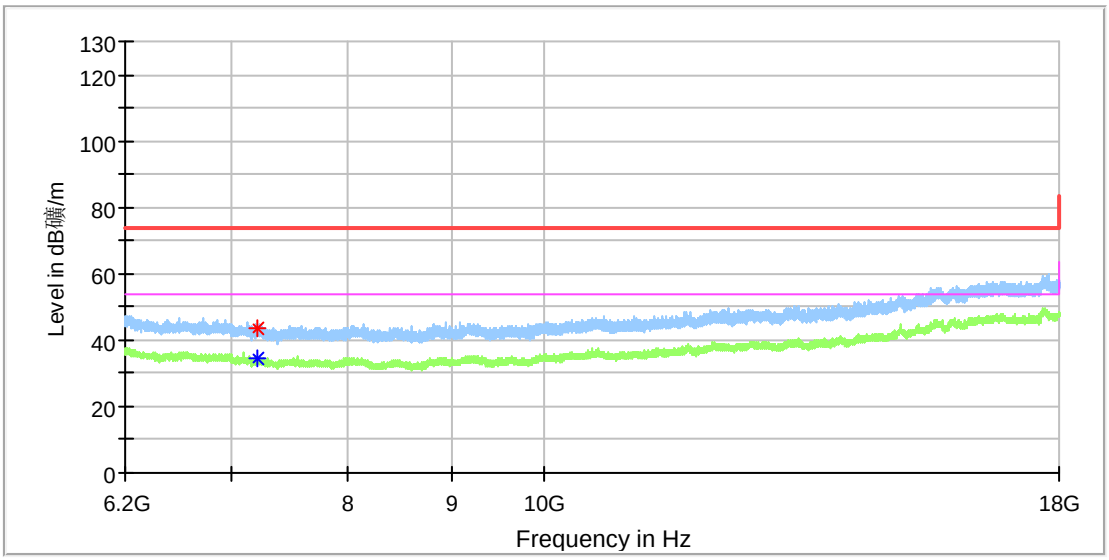



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2401.310000 | --- | 93.61 | 94.00 | 0.39 | 100.0 | H | 335.0 | 7.0 |
| 2401.650000 | 96.18 | --- | 114.00 | 17.82 | 100.0 | H | 335.0 | 7.0 |
| 4801.000000 | 52.34 | --- | 74.00 | 21.66 | 100.0 | H | 0.0 | 11.8 |
| 4803.500000 | --- | 42.51 | 54.00 | 11.49 | 100.0 | H | 97.0 | 11.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

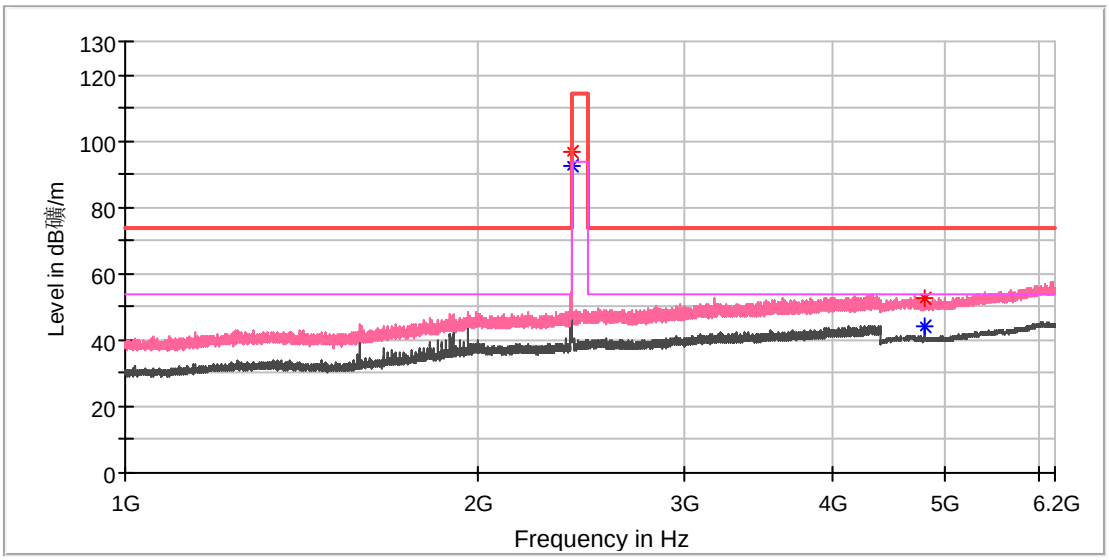



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 7202.016667 | --- | 34.32 | 54.00 | 19.68 | 100.0 | H | 241.0 | 8.8 |
| 7208.408333 | 43.70 | --- | 74.00 | 30.30 | 100.0 | H | 283.0 | 8.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

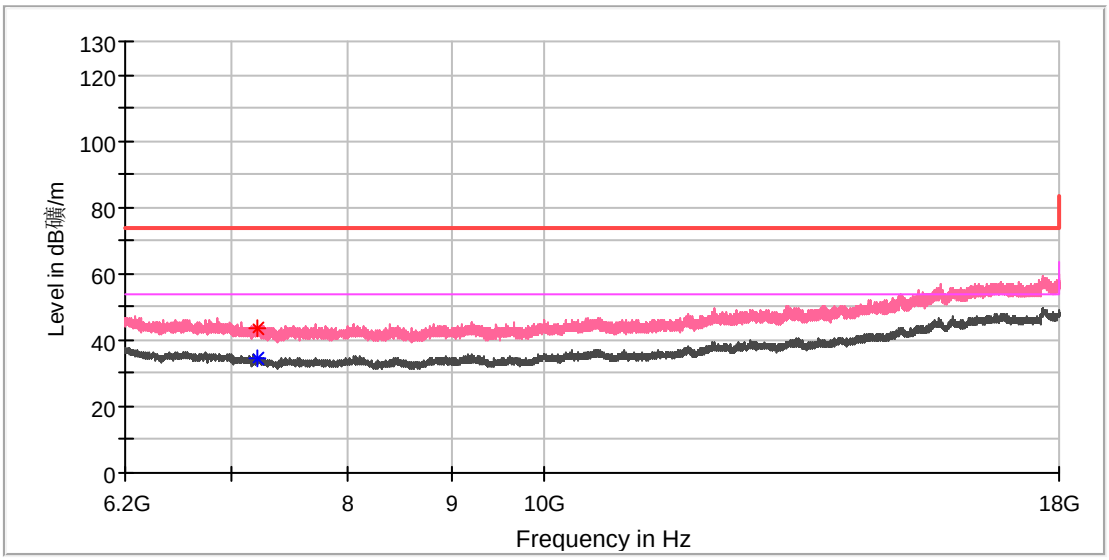



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2401.140000 | --- | 92.38 | 94.00 | 1.62 | 100.0 | V | 259.0 | 7.0 |
| 2401.650000 | 96.89 | --- | 114.00 | 17.11 | 100.0 | V | 259.0 | 7.0 |
| 4803.500000 | 52.75 | --- | 74.00 | 21.25 | 100.0 | V | 87.0 | 11.8 |
| 4803.500000 | --- | 44.30 | 54.00 | 9.70 | 100.0 | V | 87.0 | 11.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

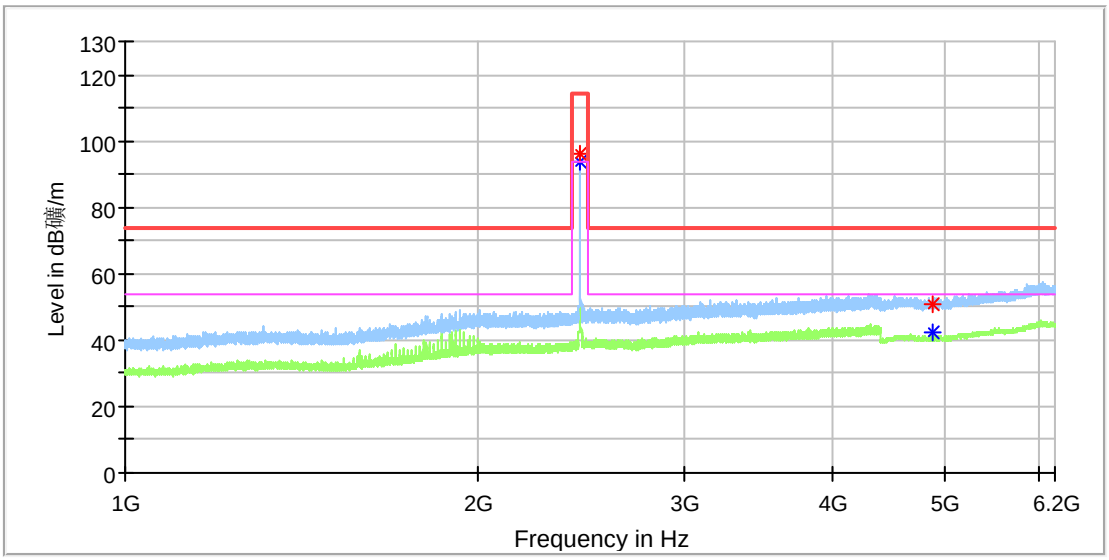



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 7206.441667 | 43.83 | --- | 74.00 | 30.17 | 100.0 | V | 294.0 | 8.8 |
| 7207.916667 | --- | 34.34 | 54.00 | 19.66 | 100.0 | V | 179.0 | 8.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Mid channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

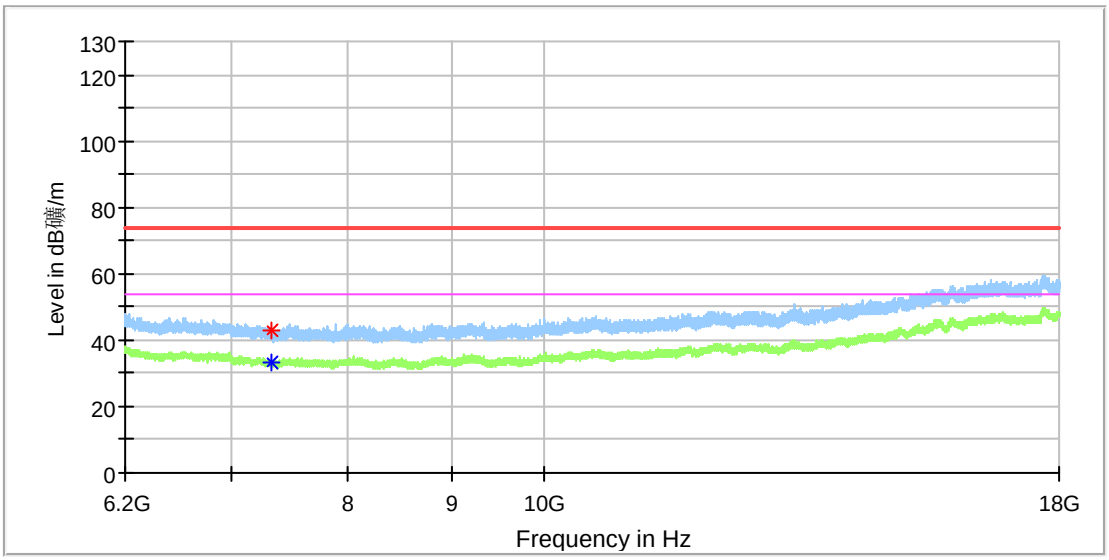



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2441.770000 | 96.11 | --- | 114.00 | 17.89 | 100.0 | H | 158.0 | 7.4 |
| 2442.110000 | --- | 93.57 | 94.00 | 0.43 | 100.0 | H | 158.0 | 7.4 |
| 4883.000000 | 51.03 | --- | 74.00 | 22.98 | 100.0 | H | 209.0 | 11.8 |
| 4883.500000 | --- | 42.04 | 54.00 | 11.96 | 100.0 | H | 198.0 | 11.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Mid channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

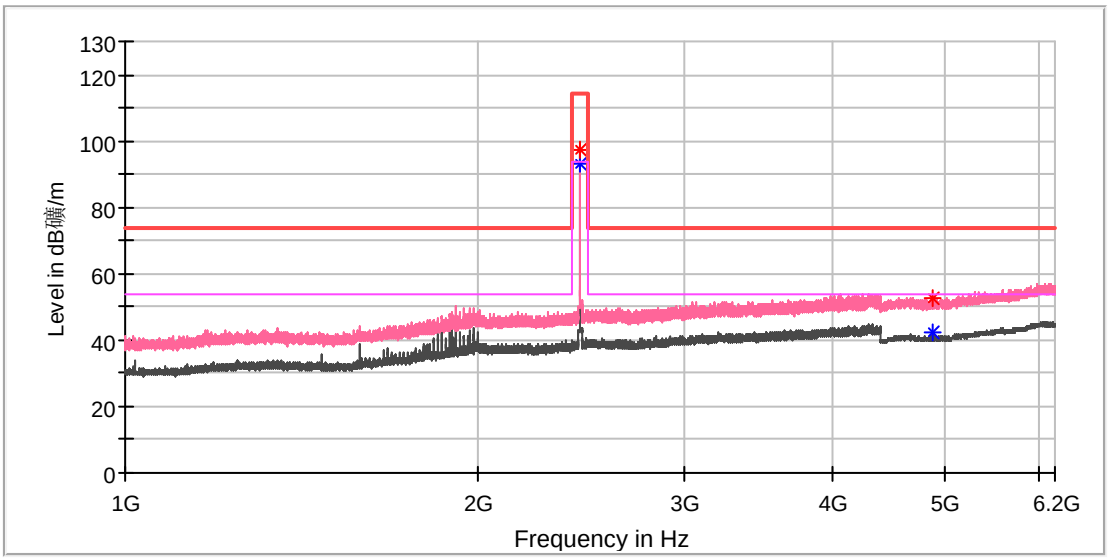



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 7324.933333 | --- | 33.14 | 54.00 | 20.86 | 100.0 | H | 77.0 | 8.2 |
| 7326.408333 | 42.66 | --- | 74.00 | 31.34 | 100.0 | H | 289.0 | 8.1 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Mid channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

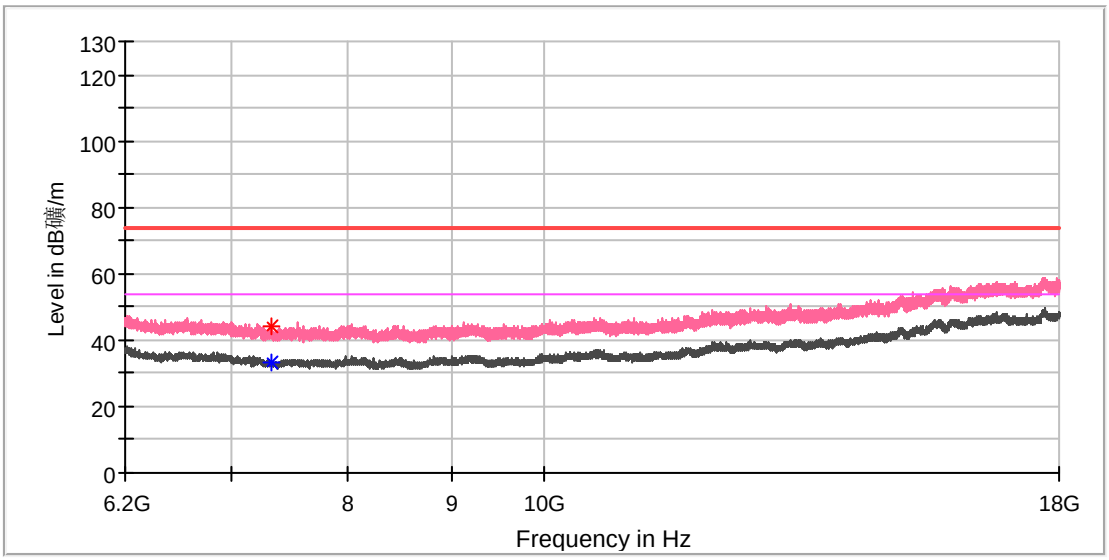



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2441.770000 | 97.57 | --- | 114.00 | 16.43 | 100.0 | V | 257.0 | 7.4 |
| 2442.280000 | --- | 93.41 | 94.00 | 0.59 | 100.0 | V | 257.0 | 7.4 |
| 4883.000000 | --- | 42.52 | 54.00 | 11.48 | 100.0 | V | 259.0 | 11.8 |
| 4883.500000 | 52.32 | --- | 74.00 | 21.68 | 100.0 | V | 207.0 | 11.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Mid channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

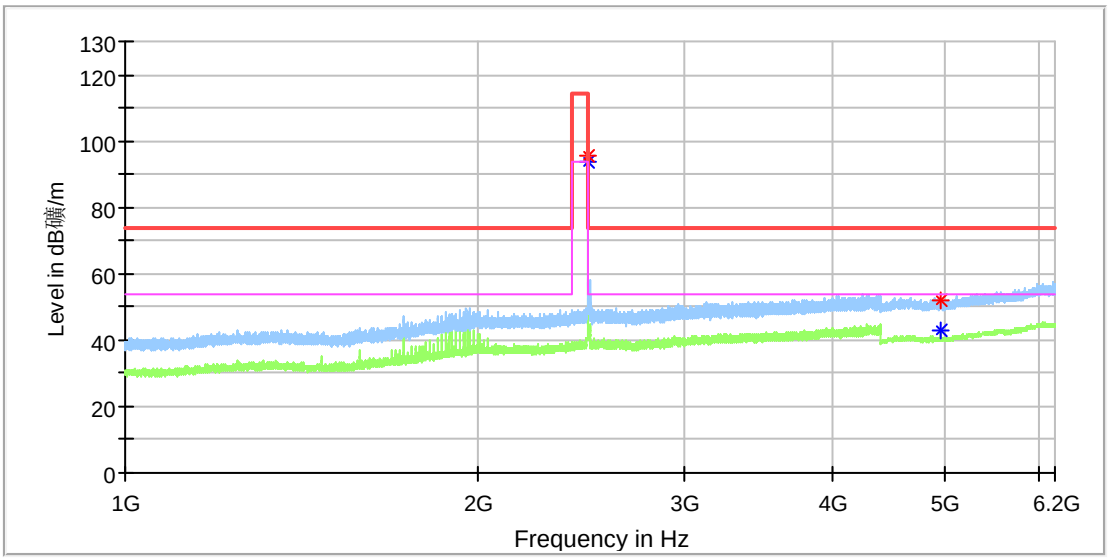



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 7327.391667 | --- | 33.50 | 54.00 | 20.50 | 100.0 | V | 270.0 | 8.1 |
| 7328.375000 | 44.39 | --- | 74.00 | 29.61 | 100.0 | V | 75.0 | 8.1 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_High channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

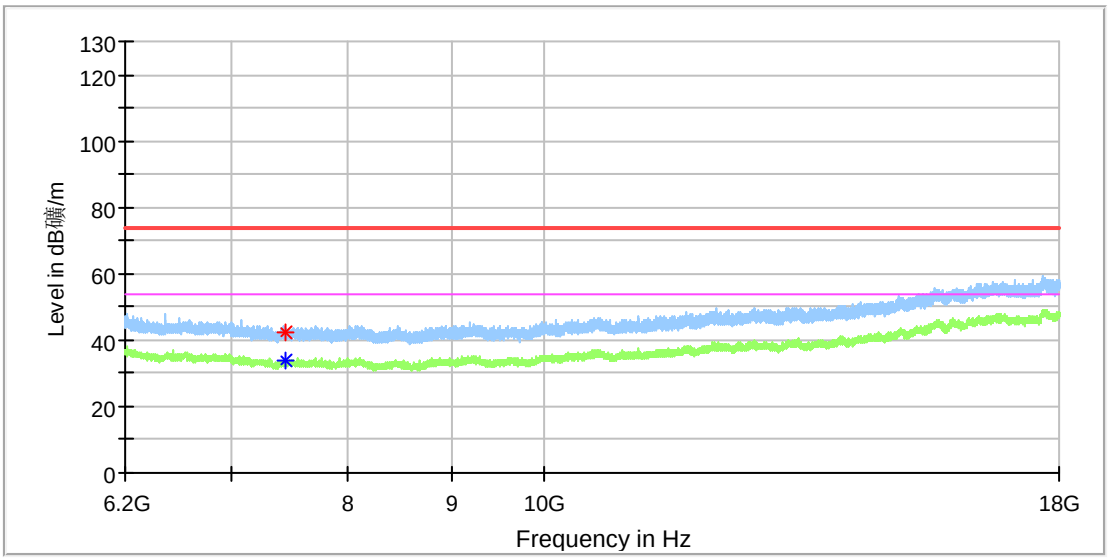



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2481.550000 | 95.48 | --- | 114.00 | 18.52 | 100.0 | H | 260.0 | 7.4 |
| 2482.060000 | --- | 93.52 | 94.00 | 0.48 | 100.0 | H | 260.0 | 7.4 |
| 4963.000000 | --- | 42.68 | 54.00 | 11.32 | 100.0 | H | 94.0 | 11.8 |
| 4963.500000 | 52.23 | --- | 74.00 | 21.77 | 100.0 | H | 117.0 | 11.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_High channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

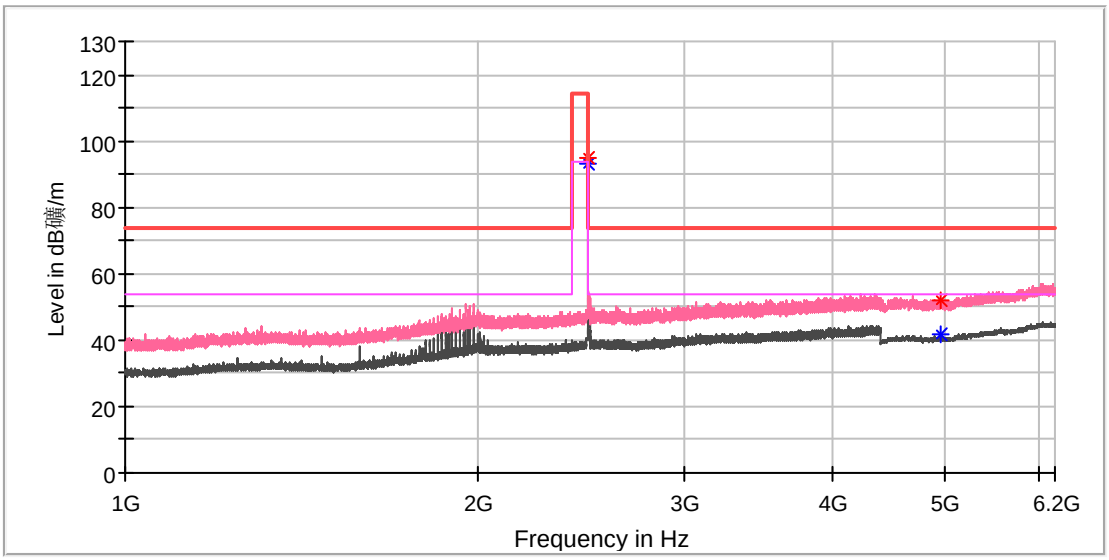



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 7445.883333 | 42.48 | --- | 74.00 | 31.52 | 100.0 | H | 0.0 | 8.5 |
| 7446.866667 | --- | 33.71 | 54.00 | 20.29 | 100.0 | H | 222.0 | 8.5 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_High channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

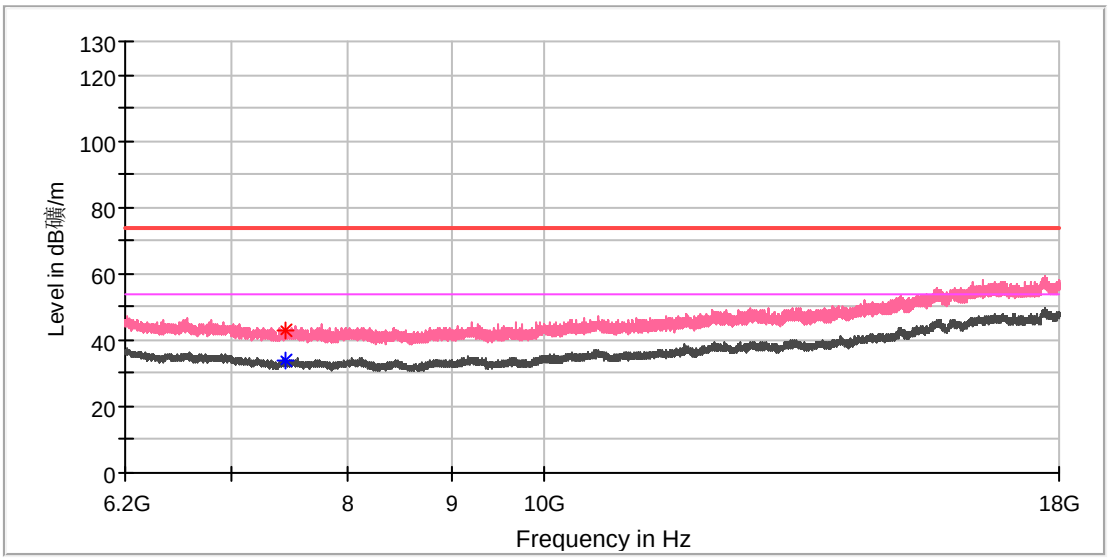



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2481.210000 | --- | 93.04 | 94.00 | 0.96 | 100.0 | V | 250.0 | 7.4 |
| 2481.550000 | 94.85 | --- | 114.00 | 19.15 | 100.0 | V | 250.0 | 7.4 |
| 4960.000000 | 51.79 | --- | 74.00 | 22.21 | 100.0 | V | 60.0 | 11.8 |
| 4963.500000 | --- | 41.99 | 54.00 | 12.01 | 100.0 | V | 9.0 | 11.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_High channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



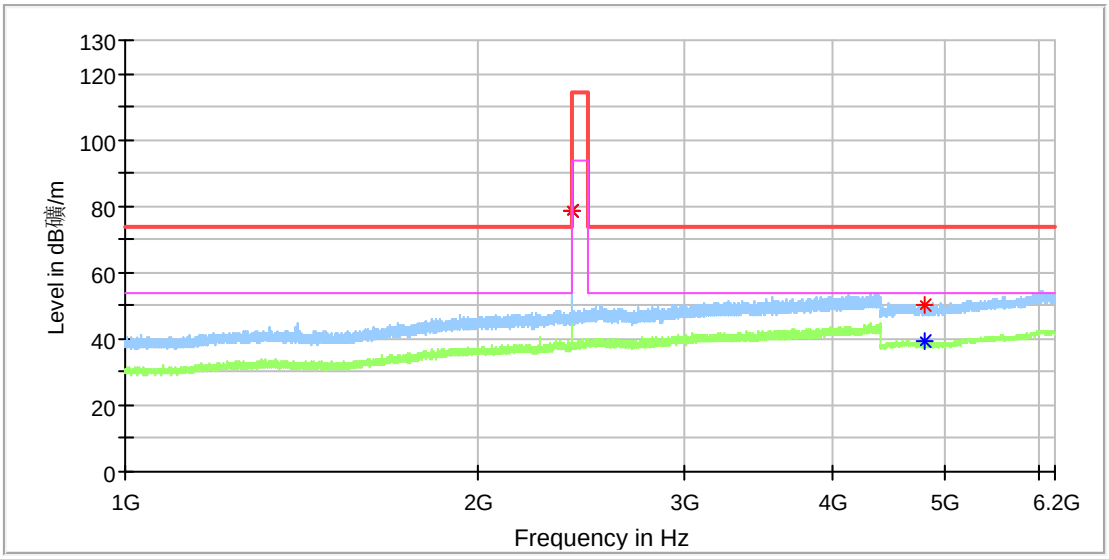

## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 7442.933333 | 42.97 | --- | 74.00 | 31.03 | 100.0 | V | 284.0 | 8.4 |
| 7444.900000 | --- | 33.60 | 54.00 | 20.40 | 100.0 | V | 200.0 | 8.5 |

For miha bodytec II (project title:MBT2.1):

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec II (project title:MBT2.1) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

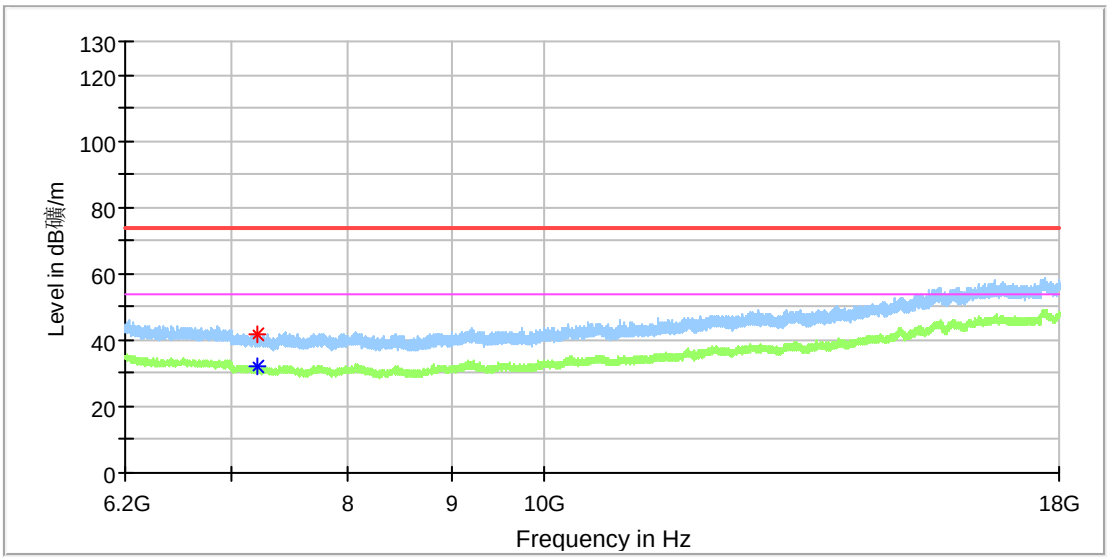



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2401.820000 | 78.90 | --- | 114.00 | 35.10 | 100.0 | H | 303.0 | 7.0 |
| 2401.820000 | --- | 78.78 | 94.00 | 15.22 | 100.0 | H | 303.0 | 7.0 |
| 4803.500000 | --- | 39.26 | 54.00 | 14.74 | 100.0 | H | 236.0 | 11.8 |
| 4806.000000 | 50.04 | --- | 74.00 | 23.96 | 100.0 | H | 236.0 | 11.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec II (project title:MBT2.1) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

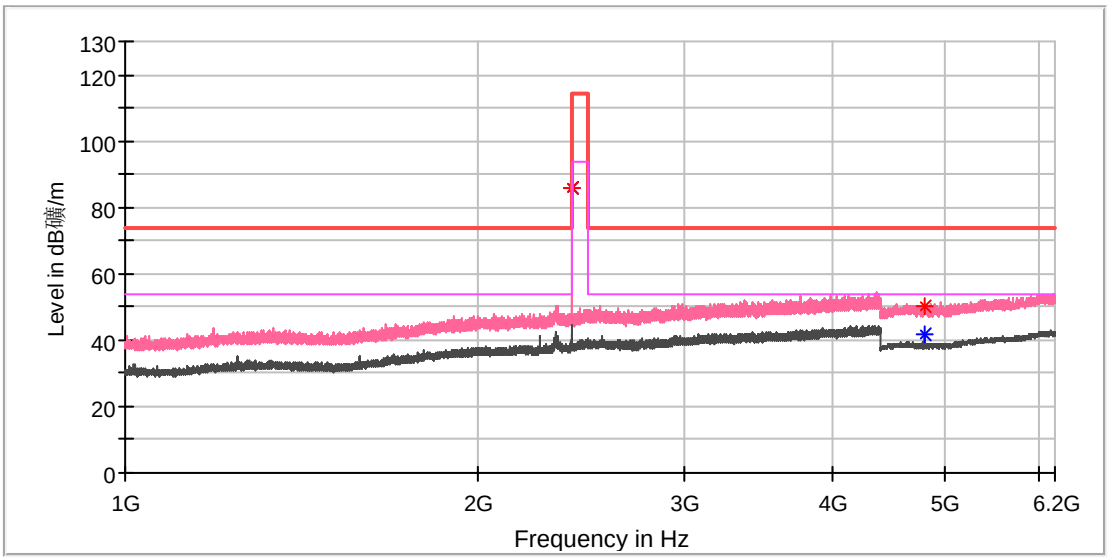



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 7204.966667 | 41.62 | --- | 74.00 | 32.38 | 100.0 | H | 258.0 | 8.8 |
| 7207.425000 | --- | 31.82 | 54.00 | 22.18 | 100.0 | H | 132.0 | 8.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec II (project title:MBT2.1) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

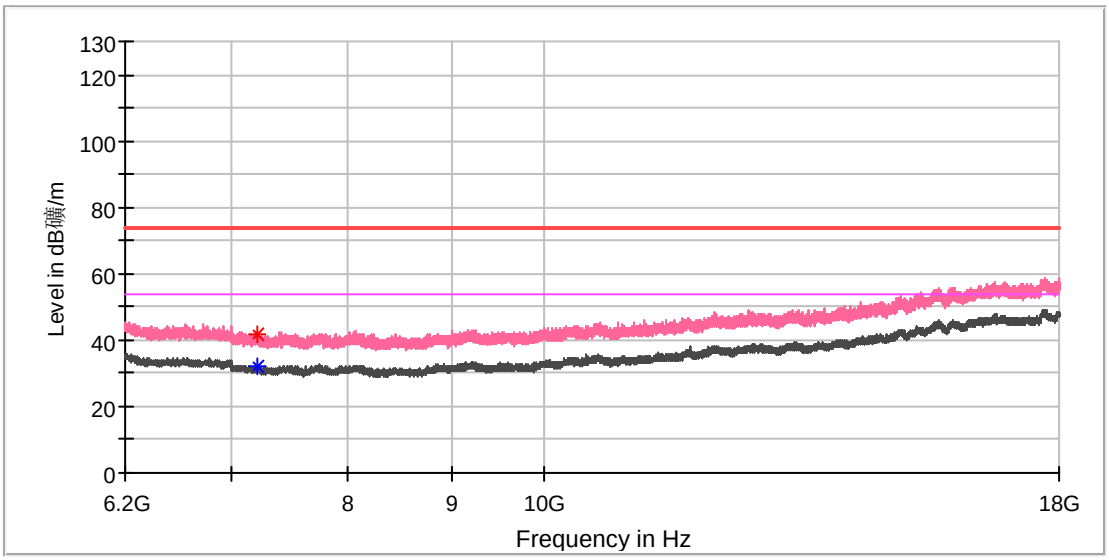



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2401.820000 | 85.97 | --- | 114.00 | 28.03 | 100.0 | V | 320.0 | 7.0 |
| 2401.820000 | --- | 85.86 | 94.00 | 8.14 | 100.0 | V | 320.0 | 7.0 |
| 4803.000000 | 49.95 | --- | 74.00 | 24.05 | 100.0 | V | 259.0 | 11.8 |
| 4803.500000 | --- | 41.80 | 54.00 | 12.20 | 100.0 | V | 269.0 | 11.8 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec II (project title:MBT2.1) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |




## Critical_Freqs

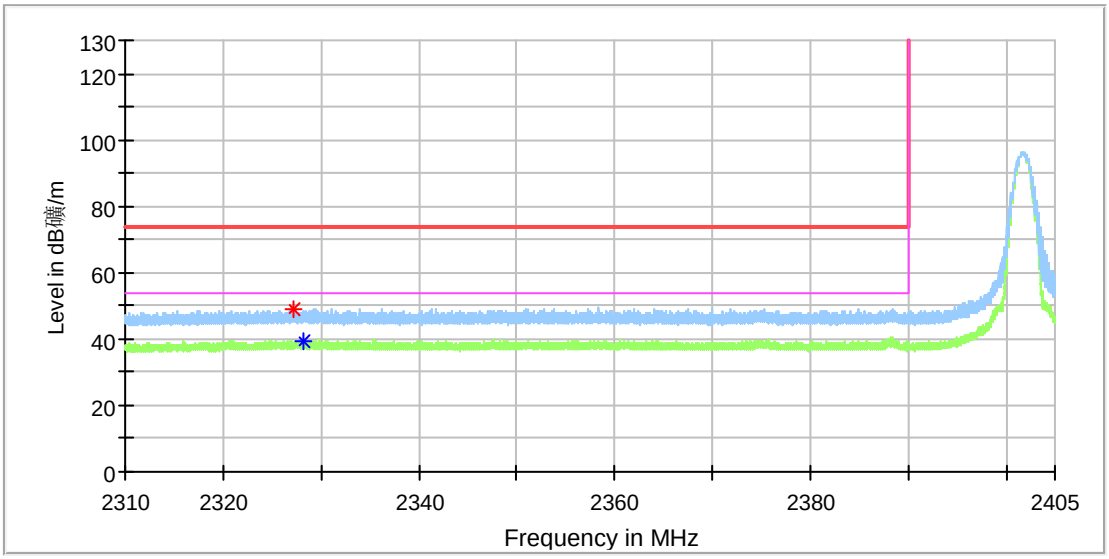
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 7203.983333 | 41.69 | --- | 74.00 | 32.31 | 100.0 | V | 160.0 | 8.8 |
| 7205.458333 | --- | 31.86 | 54.00 | 22.14 | 100.0 | V | 222.0 | 8.8 |

## Appendix B.2: Test Results of Band Edge

For miha bodytec m.ove (project title: MBT2.1 light):

# EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

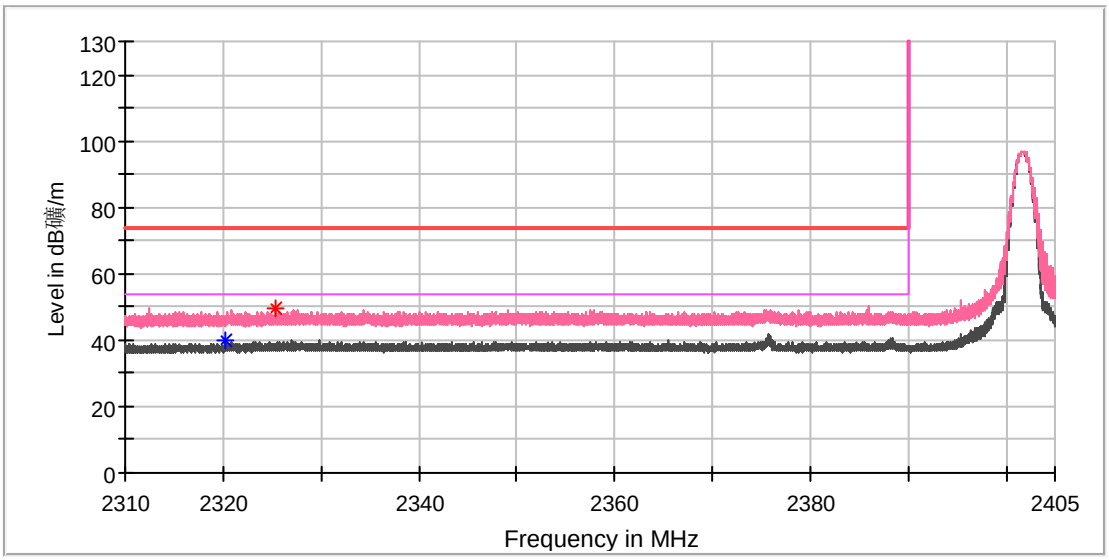



# Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2327.142750 | 48.77 | --- | 74.00 | 25.23 | 100.0 | H | 345.0 | 6.7 |
| 2328.145000 | --- | 39.43 | 54.00 | 14.57 | 100.0 | H | 269.0 | 6.7 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_Low channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

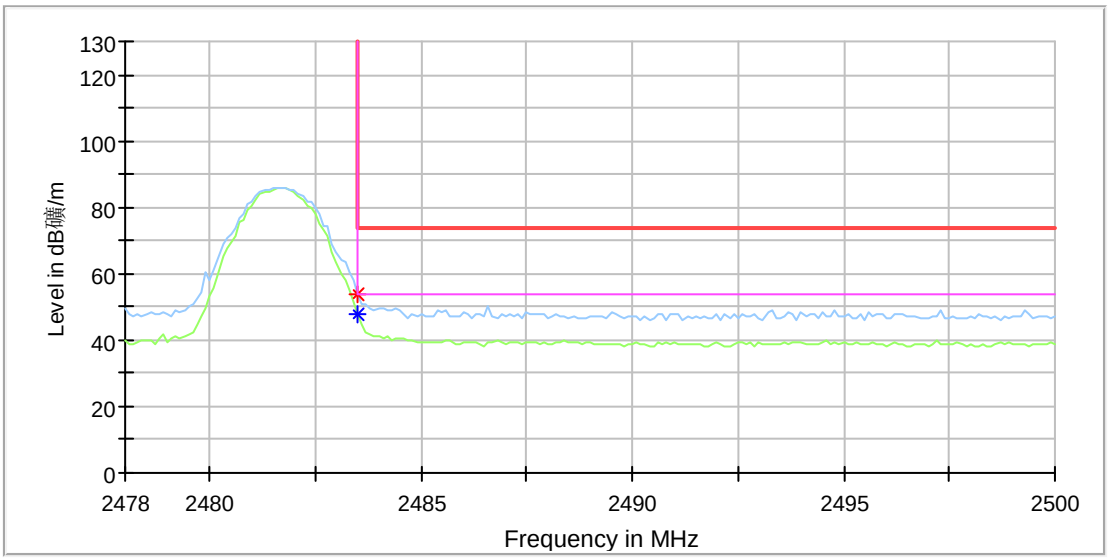



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2320.307500 | --- | 39.61 | 54.00 | 14.39 | 100.0 | V | 203.0 | 6.6 |
| 2325.447000 | 49.31 | --- | 74.00 | 24.69 | 100.0 | V | 356.0 | 6.7 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_High channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

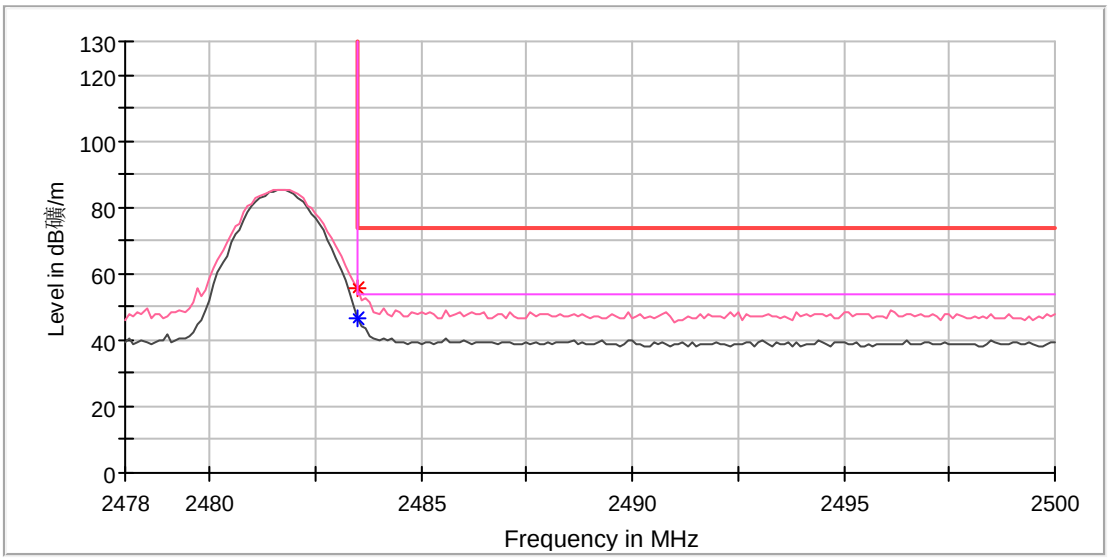



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2483.500000 | 53.93 | --- | 74.00 | 20.07 | 100.0 | H | 265.0 | 7.4 |
| 2483.500000 | --- | 47.72 | 54.00 | 6.28 | 100.0 | H | 265.0 | 7.4 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | Tiny_High channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



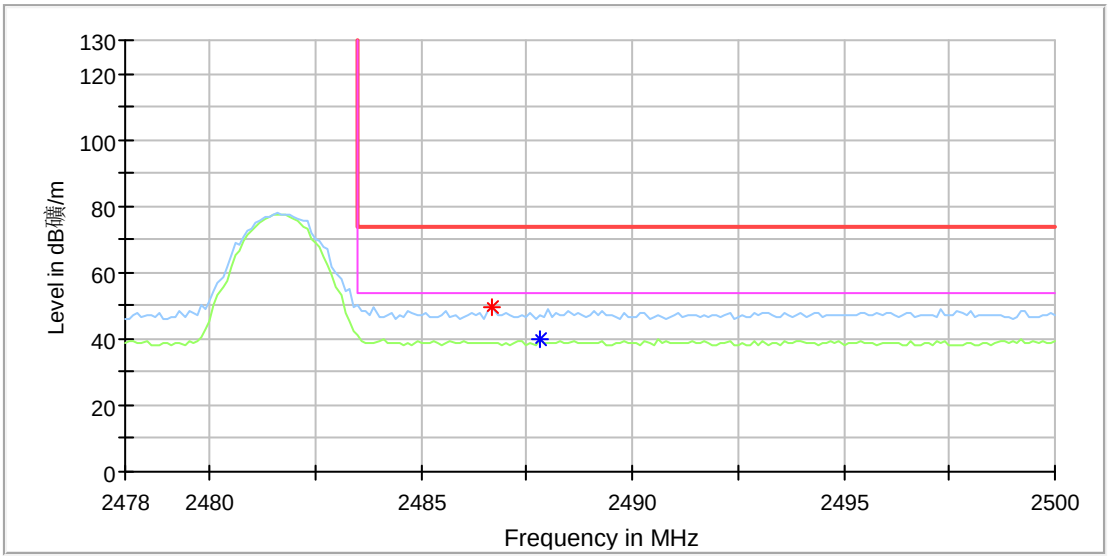

## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2483.500000 | --- | 46.43 | 54.00 | 7.57 | 100.0 | V | 257.0 | 7.4 |
| 2483.500000 | 55.38 | --- | 74.00 | 18.62 | 100.0 | V | 257.0 | 7.4 |

For miha bodytec II (project title:MBT2.1):

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec II (project title:MBT2.1) |
| Test Mode: | Tiny_High channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

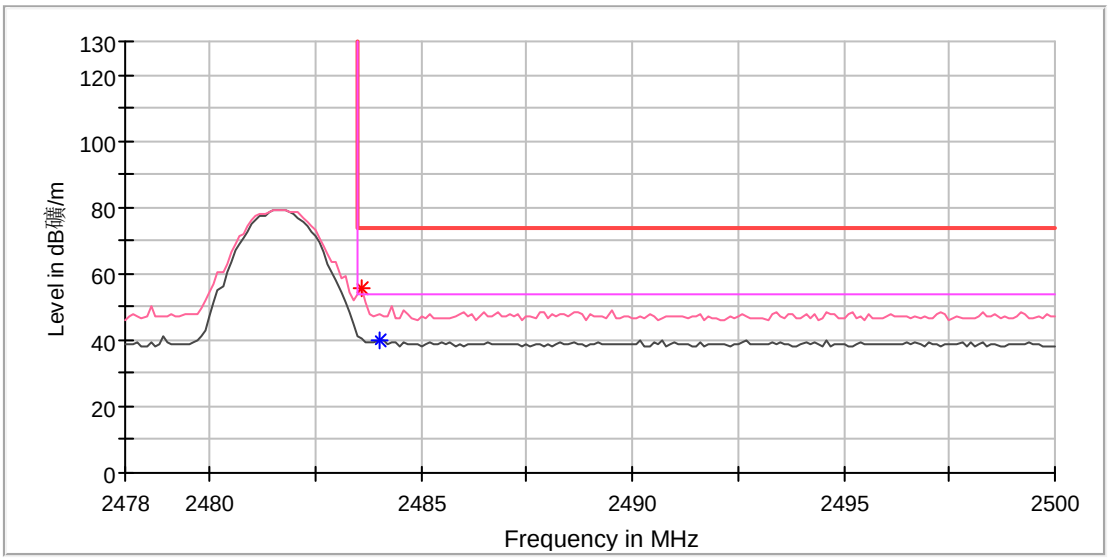



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2486.700000 | 49.60 | --- | 74.00 | 24.40 | 100.0 | H | 256.0 | 7.4 |
| 2487.800000 | --- | 39.87 | 54.00 | 14.13 | 100.0 | H | 295.0 | 7.4 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Model: | miha bodytec II (project title:MBT2.1) |
| Test Mode: | Tiny_High channel |
| Test Voltage:: | AC 120V, 60Hz |
| Remark: | Temp 23 Humi:47% |
| Test Standard: | FCC 15.249 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

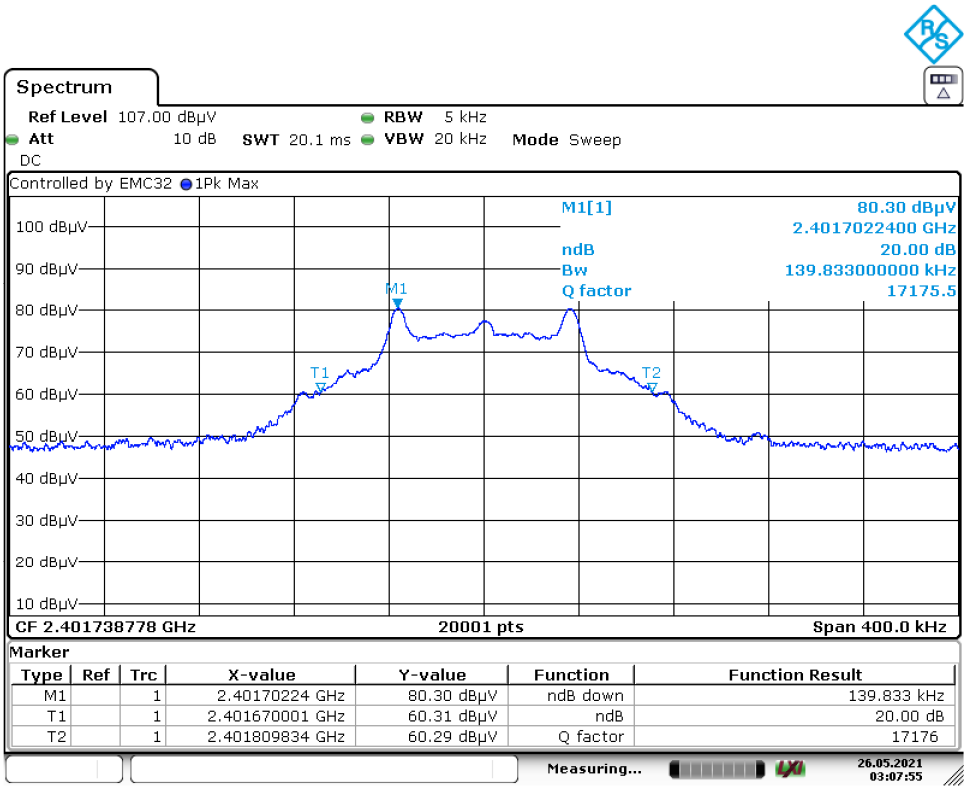



## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|---|
| 2483.600000 | 55.57 | --- | 74.00 | 18.43 | 100.0 | V | 311.0 | 7.4 |
| 2484.000000 | --- | 39.85 | 54.00 | 14.15 | 100.0 | V | 0.0 | 7.4 |

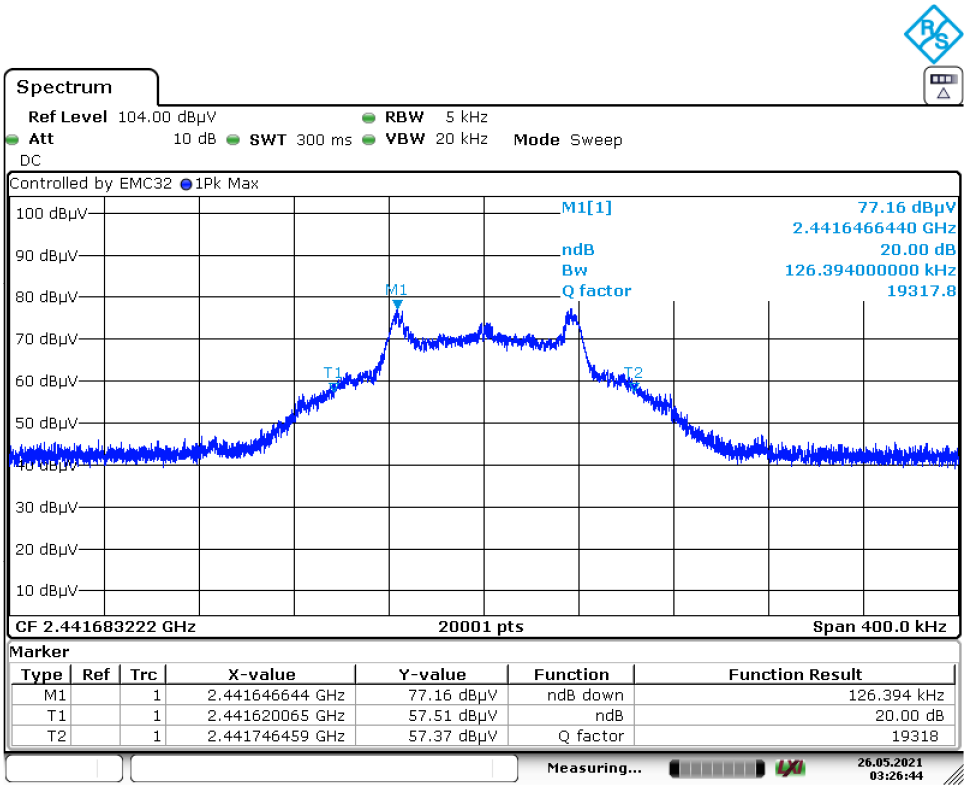
## Appendix B.3: Test Results of 20dB Bandwidth

Low Channel



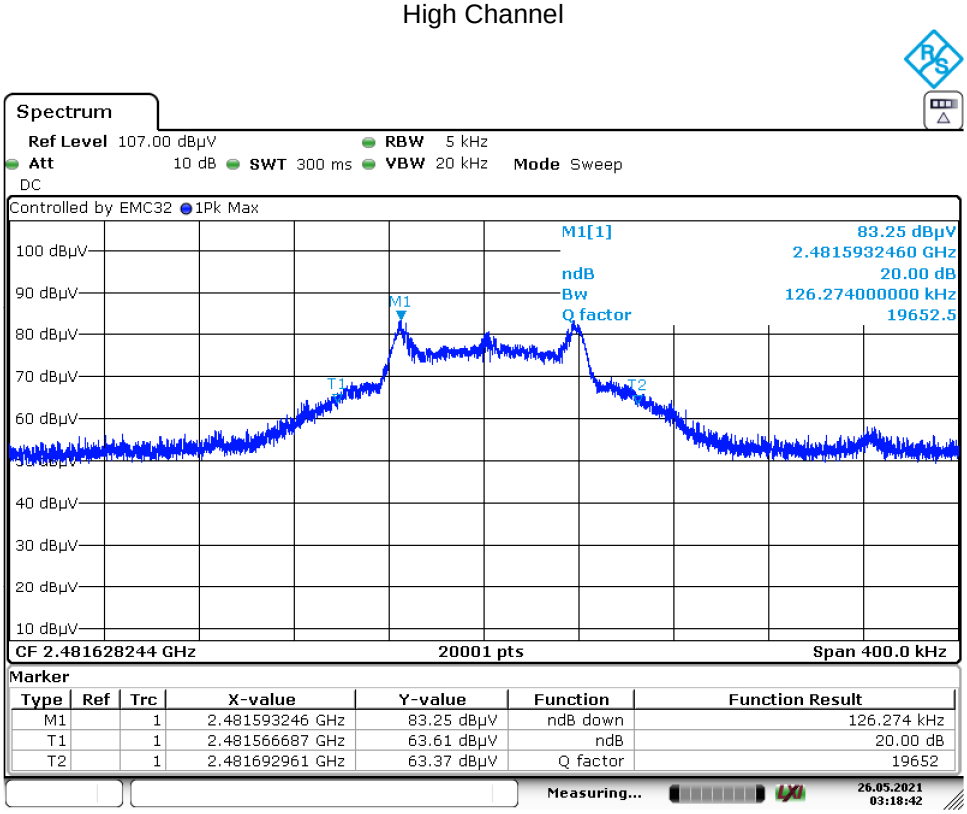

Date: 26.MAY.2021 03:07:55

Middle Channel




Date: 26.MAY.2021 03:26:44

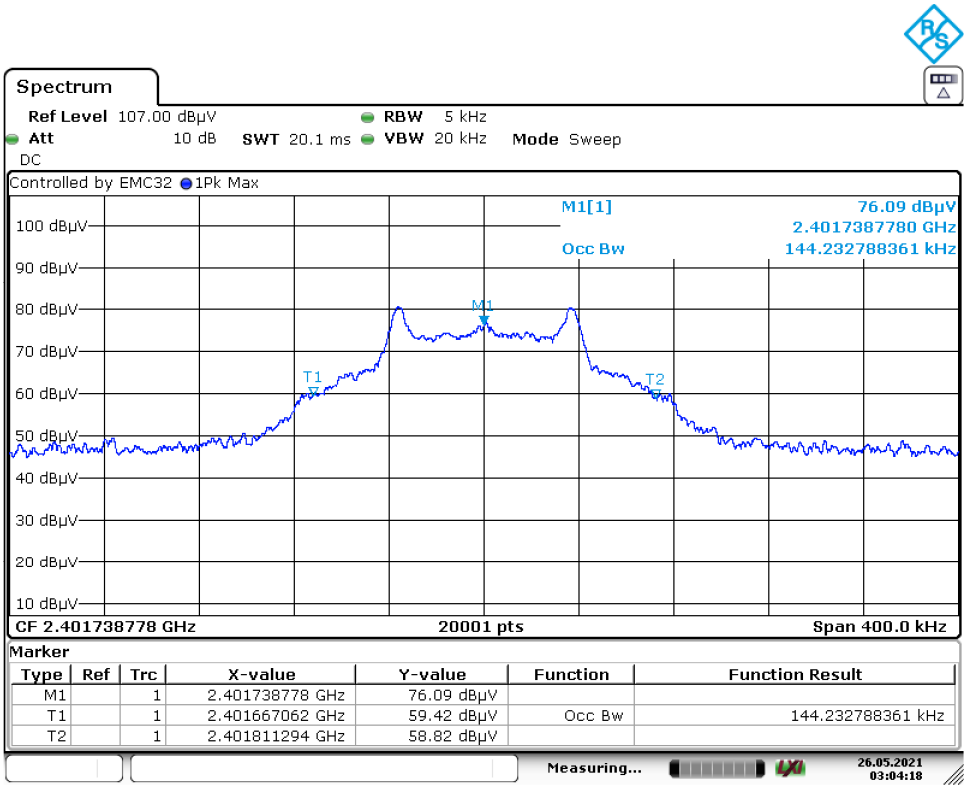
High Channel




Date: 26.MAY.2021 03:18:42

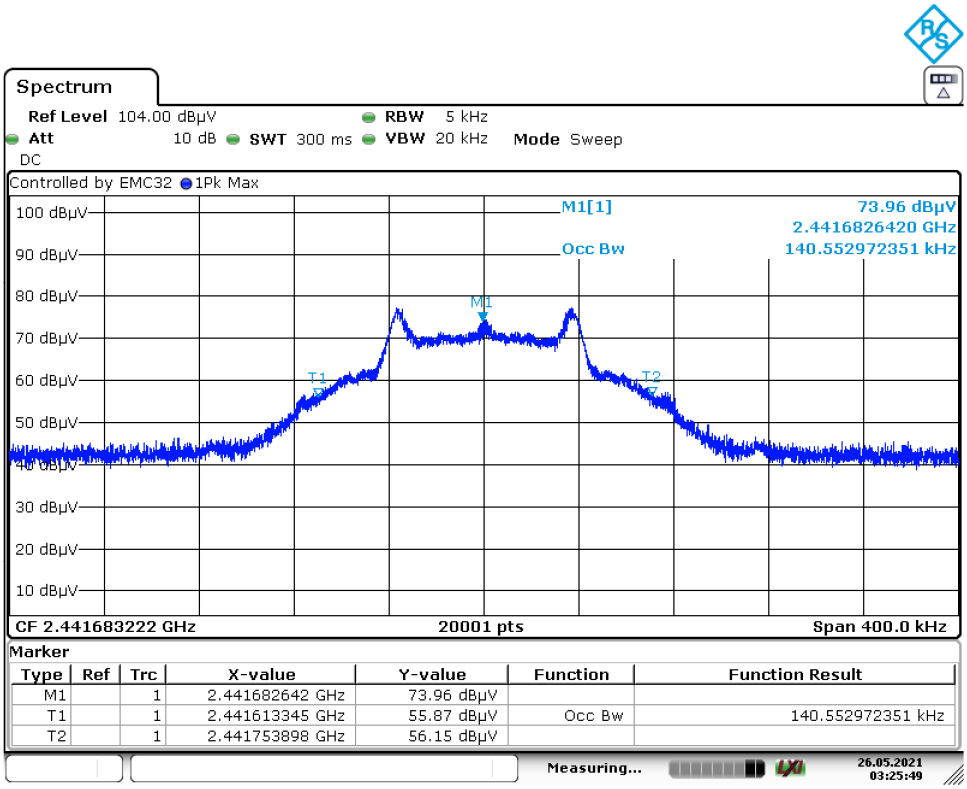
## Appendix B.4: Test Results of 99% Bandwidth

Low Channel



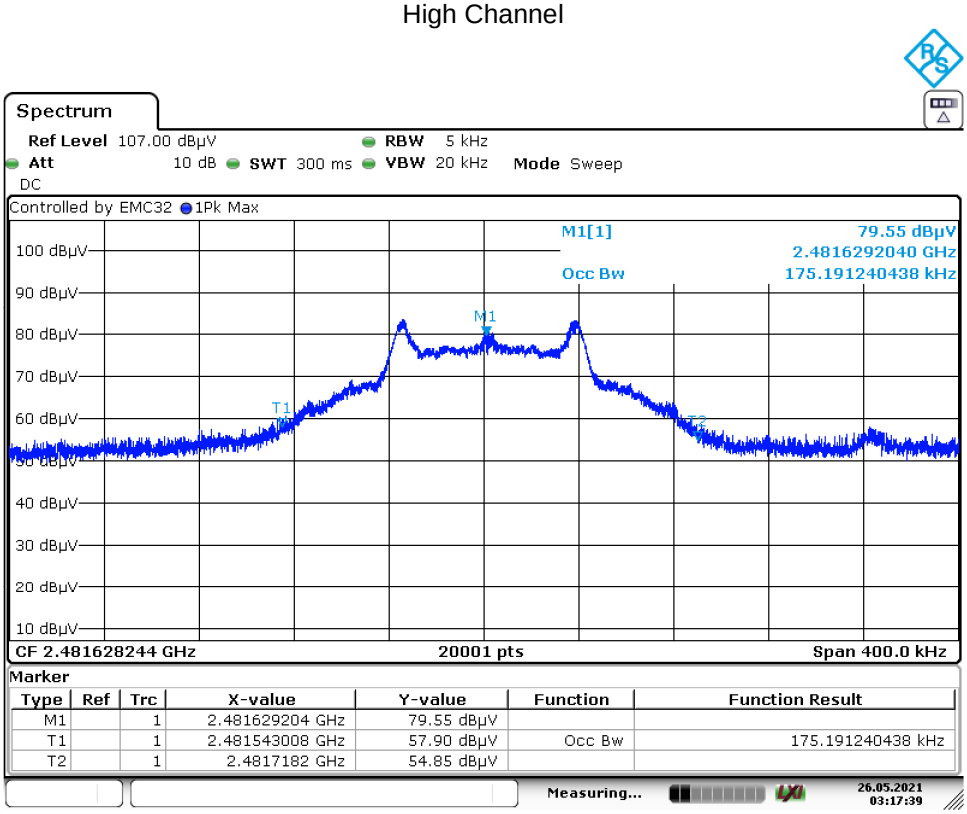

Date: 26.MAY.2021 03:04:18

Middle Channel




Date: 26.MAY.2021 03:25:49

High Channel

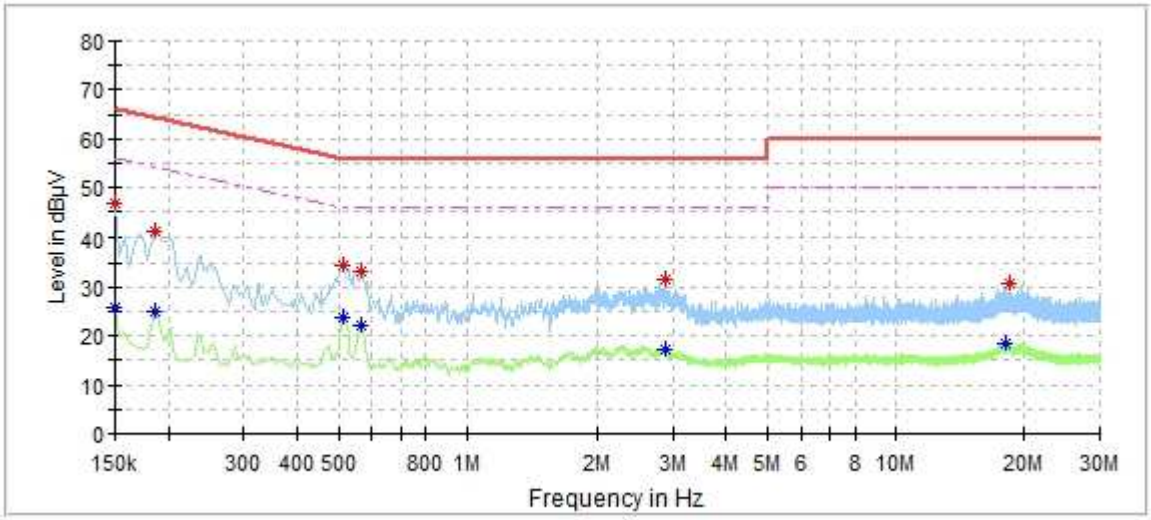



Date: 26.MAY.2021 03:17:39

## Appendix B.5: Test Results of Conducted Emissions on AC Mains

# EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Order No.: | 168305669 30 |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | 2.4GTiny link |
| Test Voltage: | AC 120V/60Hz |
| Test By: | Shower Dai |
| Review By: | Gary Chen |
| Remark: | SR1 |

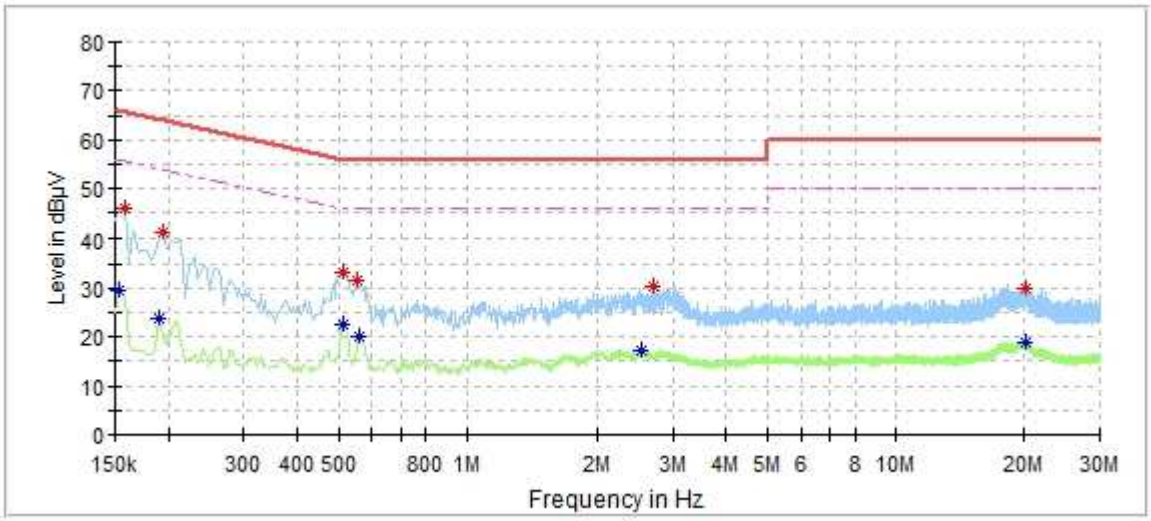



# Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|
| 0.150000 | --- | 25.68 | 56.00 | 30.32 | L1 | 10 |
| 0.150000 | 46.70 | --- | 66.00 | 19.30 | L1 | 10 |
| 0.186000 | --- | 25.16 | 54.21 | 29.05 | L1 | 10 |
| 0.186000 | 41.17 | --- | 64.21 | 23.05 | L1 | 10 |
| 0.512000 | 34.60 | --- | 56.00 | 21.40 | L1 | 10 |
| 0.516000 | --- | 23.65 | 46.00 | 22.35 | L1 | 10 |
| 0.564000 | --- | 22.29 | 46.00 | 23.71 | L1 | 10 |
| 0.568000 | 33.41 | --- | 56.00 | 22.59 | L1 | 10 |
| 2.880000 | 31.59 | --- | 56.00 | 24.41 | L1 | 10 |
| 2.892000 | --- | 17.40 | 46.00 | 28.60 | L1 | 10 |
| 18.076000 | --- | 18.54 | 50.00 | 31.46 | L1 | 10 |
| 18.400000 | 30.97 | --- | 60.00 | 29.03 | L1 | 10 |

## EUT Information

| | |
|---|---|
| EUT Name: | EMS Training Device |
| Order No.: | 168305669 30 |
| Model: | miha bodytec m.ove (project title: MBT2.1 light) |
| Test Mode: | 2.4G Tiny link |
| Test Voltage: | AC 120V/60Hz |
| Test By: | Shower Dai |
| Review By: | Gary Chen |
| Remark: | SR1 |




## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|
| 0.154000 | --- | 29.58 | 55.78 | 26.20 | N | 10 |
| 0.158000 | 45.99 | --- | 65.57 | 19.57 | N | 10 |
| 0.190000 | --- | 23.94 | 54.04 | 30.10 | N | 10 |
| 0.194000 | 40.84 | --- | 63.86 | 23.02 | N | 10 |
| 0.512000 | --- | 22.41 | 46.00 | 23.59 | N | 10 |
| 0.512000 | 33.38 | --- | 56.00 | 22.62 | N | 10 |
| 0.552000 | 31.64 | --- | 56.00 | 24.36 | N | 10 |
| 0.560000 | --- | 19.90 | 46.00 | 26.10 | N | 10 |
| 2.544000 | --- | 17.03 | 46.00 | 28.97 | N | 10 |
| 2.708000 | 30.51 | --- | 56.00 | 25.49 | N | 10 |
| 20.132000 | 29.88 | --- | 60.00 | 30.12 | N | 11 |
| 20.152000 | --- | 18.71 | 50.00 | 31.29 | N | 11 |