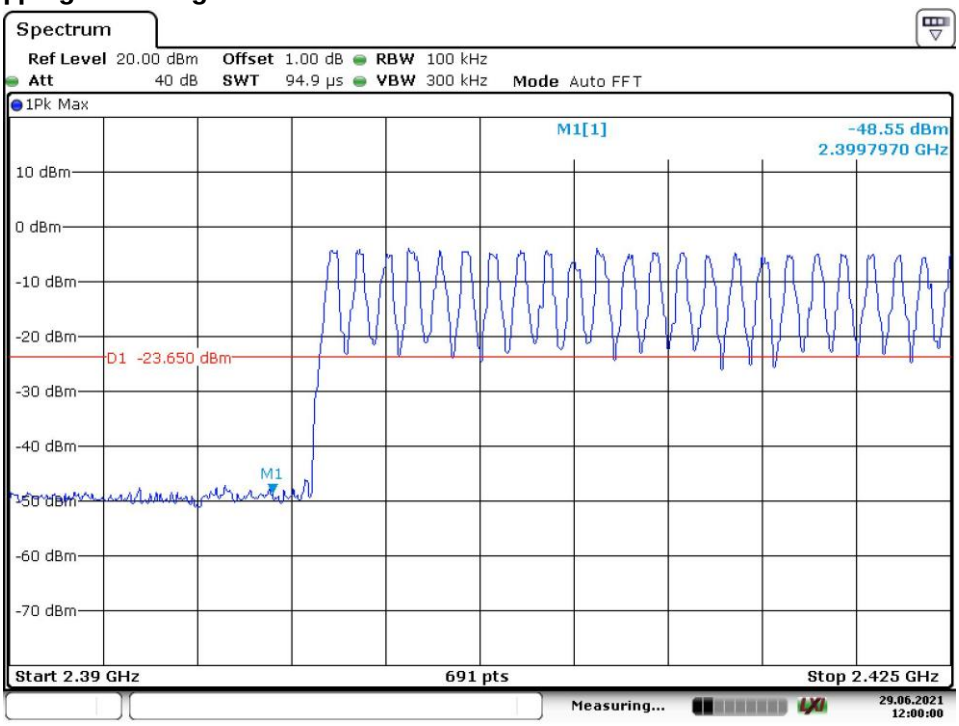
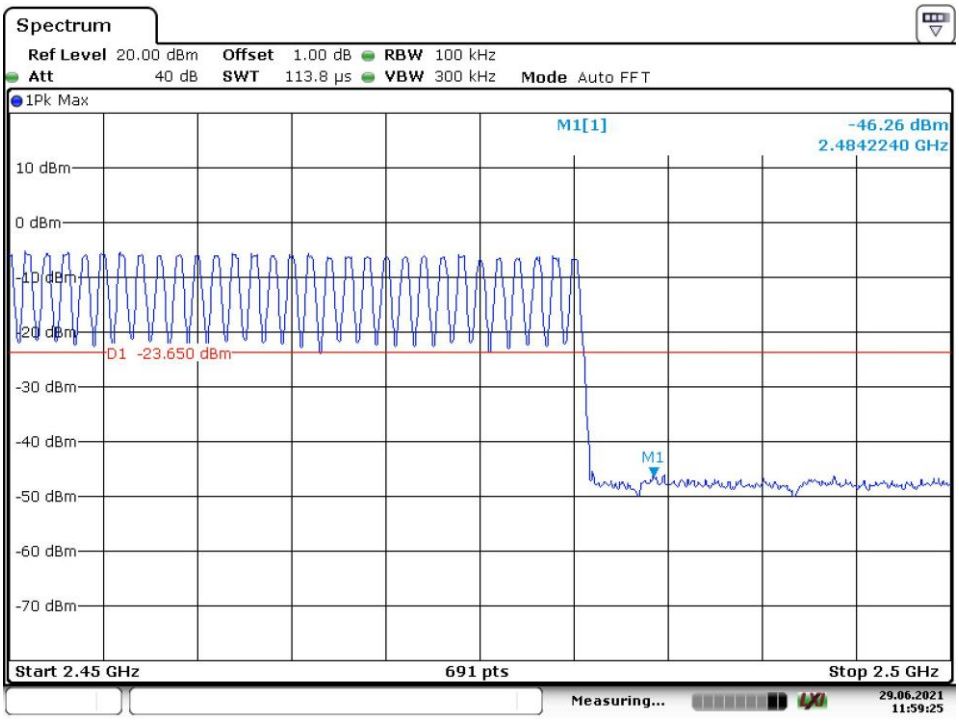
## BR Mode, Hopping Band Edge

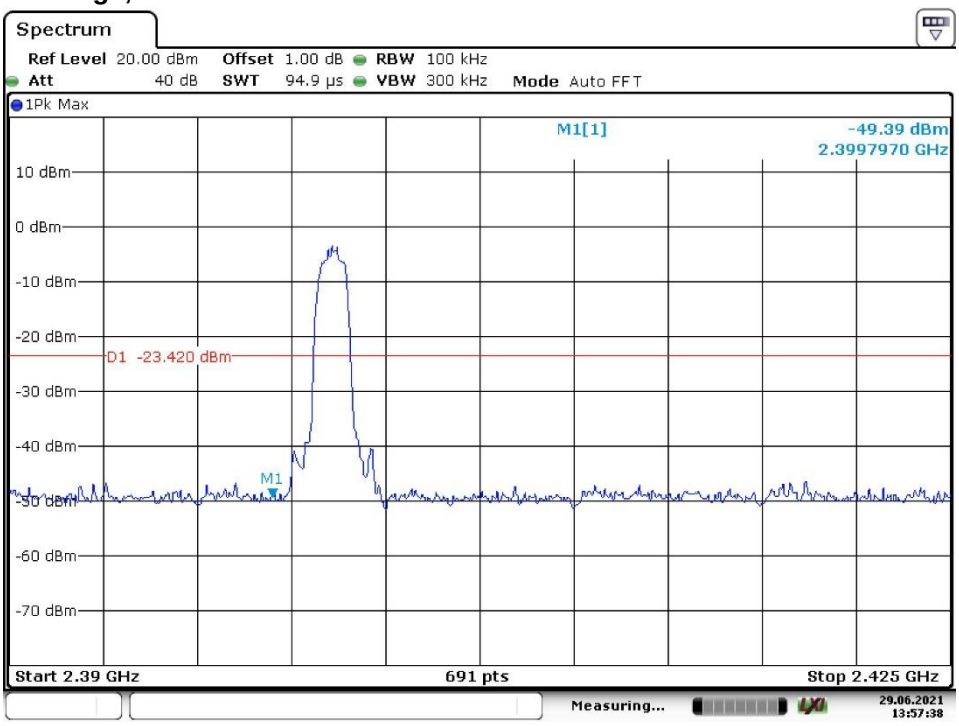



Date: 29.JUN.2021 12:00:00



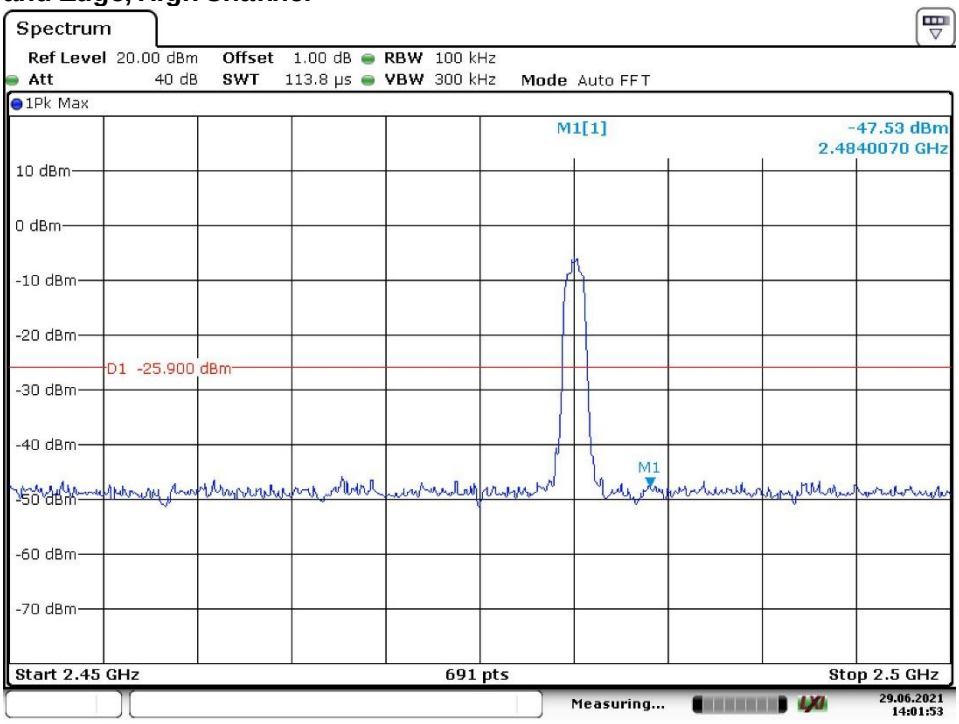

Date: 29.JUN.2021 11:59:25

## EDR Mode, Band Edge, Low Channel



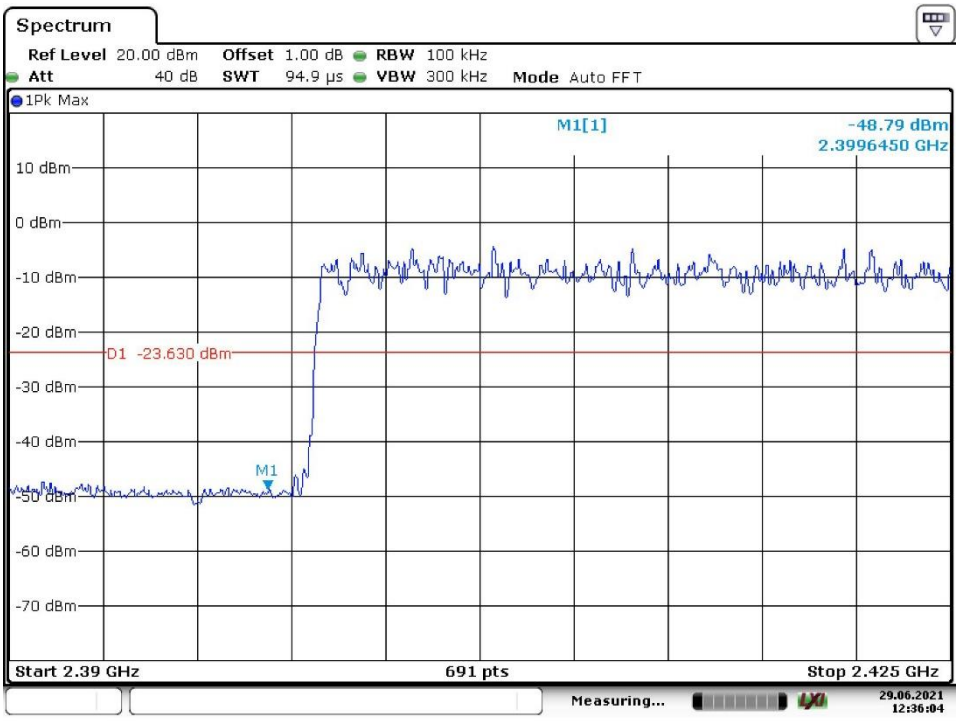

Date: 29.JUN.2021 13:57:37

## EDR Mode, Band Edge, High Channel

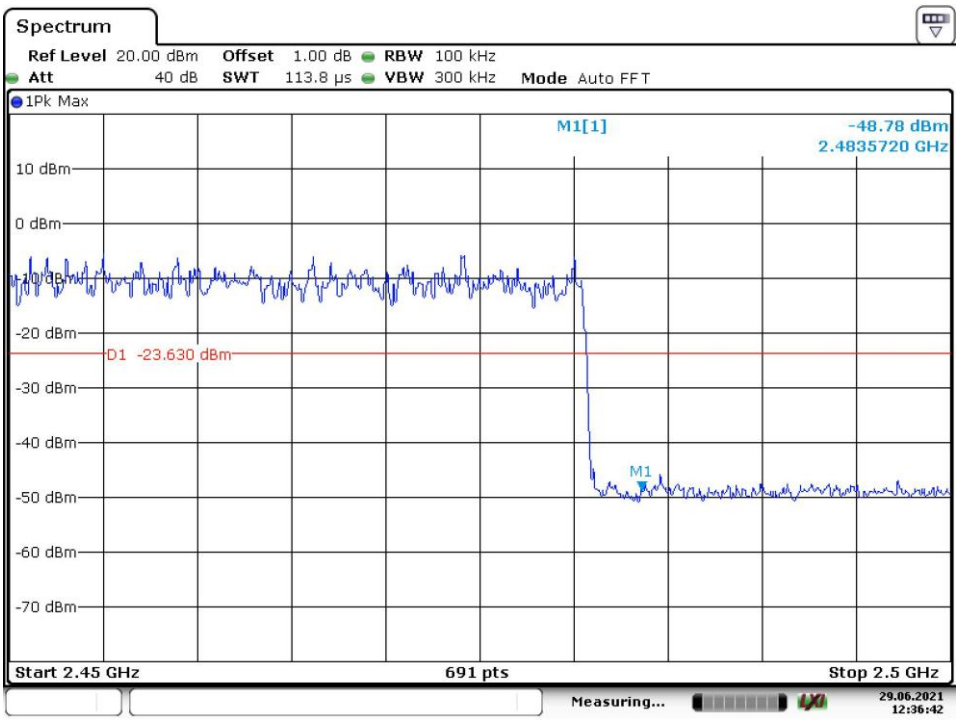



Date: 29.JUN.2021 14:01:53

## EDR Mode, Hopping Band Edge




Date: 29.JUN.2021 12:36:03




Date: 29.JUN.2021 12:36:42

# Appendix C

# Test Results of Radiated Emission & AC Mains Conducted Emission

**APPENDIX C** ..... **1**
APPENDIX C.1: TEST PLOTS OF RADIATED SPURIOUS EMISSION ..... 2
*30MHz - 1GHz* ..... *2*
*1GHz - 6.2GHz* ..... *6*
*6.2GHz - 18GHz* ..... *12*
APPENDIX C.2: TEST PLOTS OF BAND EDGE (RADIATED) ..... 18
*Low Channel* ..... *18*
*High Channel* ..... *20*
APPENDIX C.3: TEST PLOTS OF AC MAINS CONDUCTED EMISSION ..... 22

Note: The radiated spurious emission were measured from 9KHz to 26.5GHz, the measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

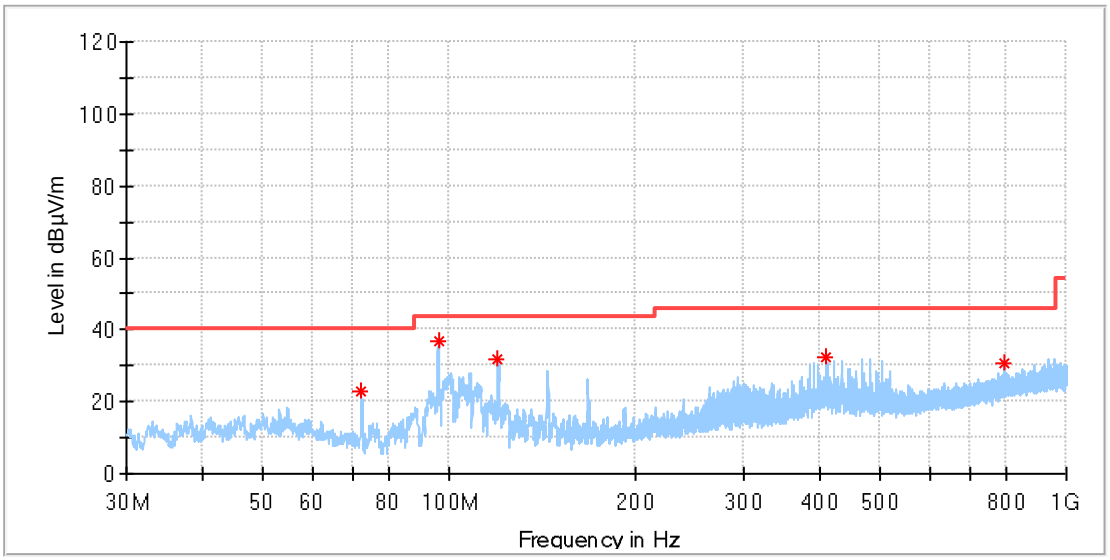
## Appendix C.1: Test Plots of Radiated Spurious Emission

**30MHz - 1GHz**

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Low channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|
| 72.001000 | 22.82 | 40.00 | 17.18 | 100.0 | H | 0.0 | -22.5 |
| 96.154000 | 36.78 | 43.50 | 6.72 | 100.0 | H | 206.0 | -19.6 |
| 119.967500 | 31.89 | 43.50 | 11.61 | 100.0 | H | 0.0 | -20.8 |
| 408.009000 | 32.53 | 46.00 | 13.47 | 100.0 | H | 0.0 | -13.5 |
| 794.796500 | 30.94 | 46.00 | 15.06 | 100.0 | H | 353.0 | -6.5 |

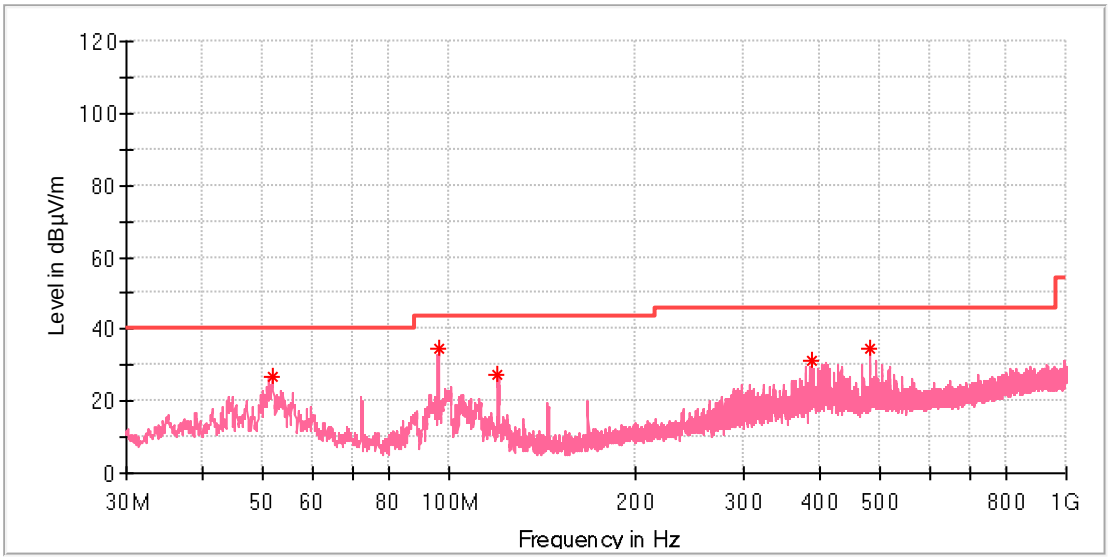
## Final_Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Low channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|
| 51.679500 | 26.82 | 40.00 | 13.18 | 100.0 | V | 279.0 | -18.4 |
| 96.251000 | 34.79 | 43.50 | 8.71 | 100.0 | V | 103.0 | -19.6 |
| 119.967500 | 27.20 | 43.50 | 16.30 | 100.0 | V | 279.0 | -20.8 |
| 387.978500 | 31.10 | 46.00 | 14.90 | 100.0 | V | 347.0 | -14.0 |
| 480.031500 | 34.82 | 46.00 | 11.18 | 100.0 | V | 295.0 | -12.2 |

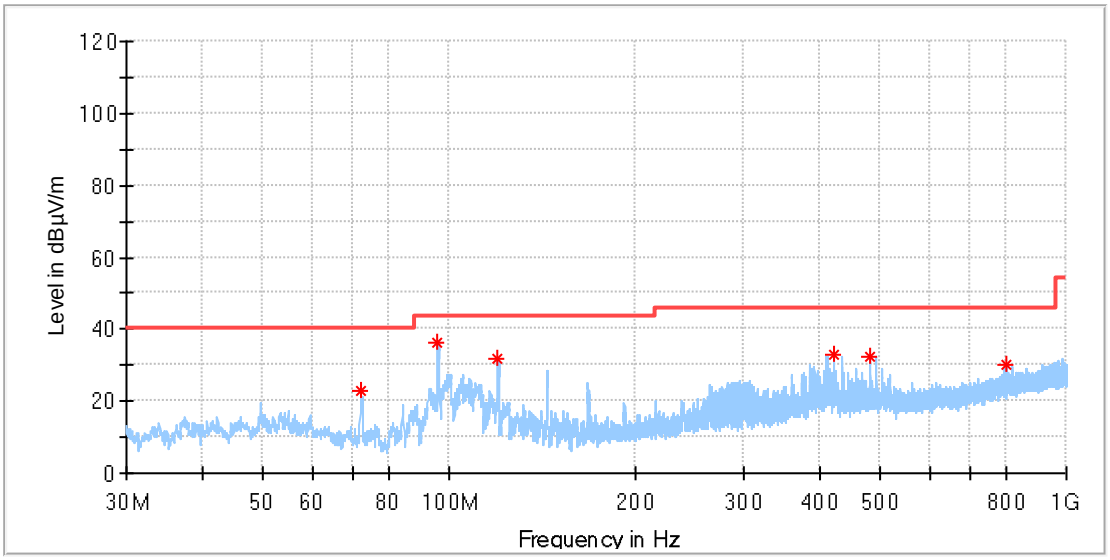
## Final_Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_High channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|
| 72.001000 | 22.74 | 40.00 | 17.26 | 100.0 | H | 0.0 | -22.5 |
| 95.911500 | 36.54 | 43.50 | 6.96 | 100.0 | H | 202.0 | -19.6 |
| 120.064500 | 32.03 | 43.50 | 11.47 | 100.0 | H | 0.0 | -20.8 |
| 419.940000 | 33.01 | 46.00 | 12.99 | 100.0 | H | 10.0 | -13.4 |
| 480.031500 | 32.58 | 46.00 | 13.42 | 100.0 | H | 0.0 | -12.2 |
| 798.967500 | 30.11 | 46.00 | 15.89 | 100.0 | H | 0.0 | -6.4 |

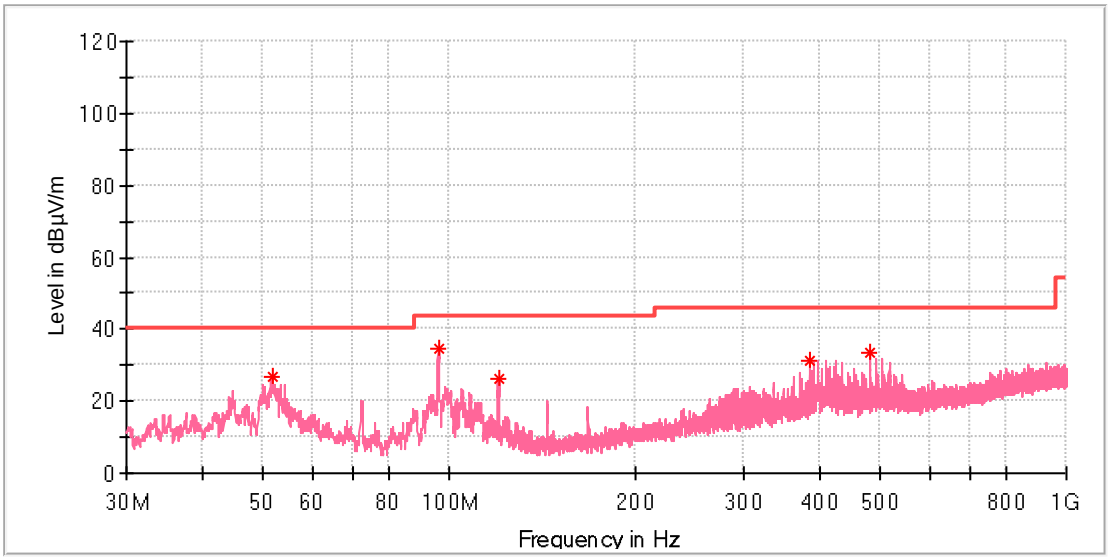
## Final_Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_High channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|
| 51.679500 | 26.86 | 40.00 | 13.14 | 100.0 | V | 261.0 | -18.4 |
| 95.960000 | 34.44 | 43.50 | 9.06 | 100.0 | V | 114.0 | -19.6 |
| 120.113000 | 26.36 | 43.50 | 17.14 | 100.0 | V | 282.0 | -20.8 |
| 384.826000 | 31.43 | 46.00 | 14.57 | 100.0 | V | 261.0 | -14.1 |
| 480.031500 | 33.52 | 46.00 | 12.48 | 100.0 | V | 275.0 | -12.2 |

## Final_Result

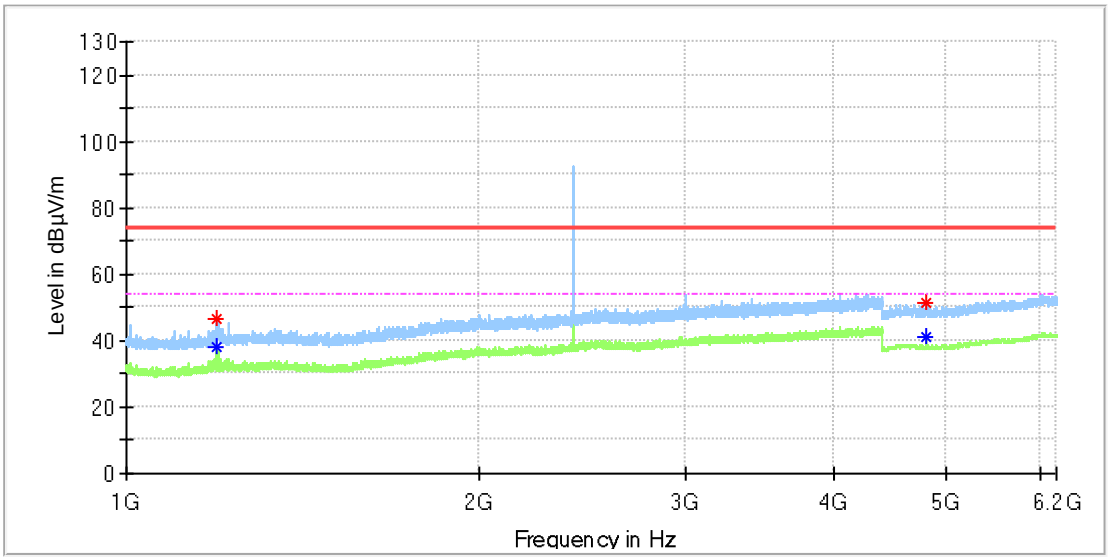
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

**1GHz - 6.2GHz**

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Low channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 1195.840000 | --- | 38.14 | 54.00 | 15.86 | 100.0 | H | 42.0 | 1.1 |
| 1195.840000 | 46.71 | --- | 74.00 | 27.29 | 100.0 | H | 42.0 | 1.1 |
| 4803.000000 | 51.11 | --- | 74.00 | 22.89 | 100.0 | H | 346.0 | 11.8 |
| 4804.000000 | --- | 41.35 | 54.00 | 12.65 | 100.0 | H | 346.0 | 11.8 |

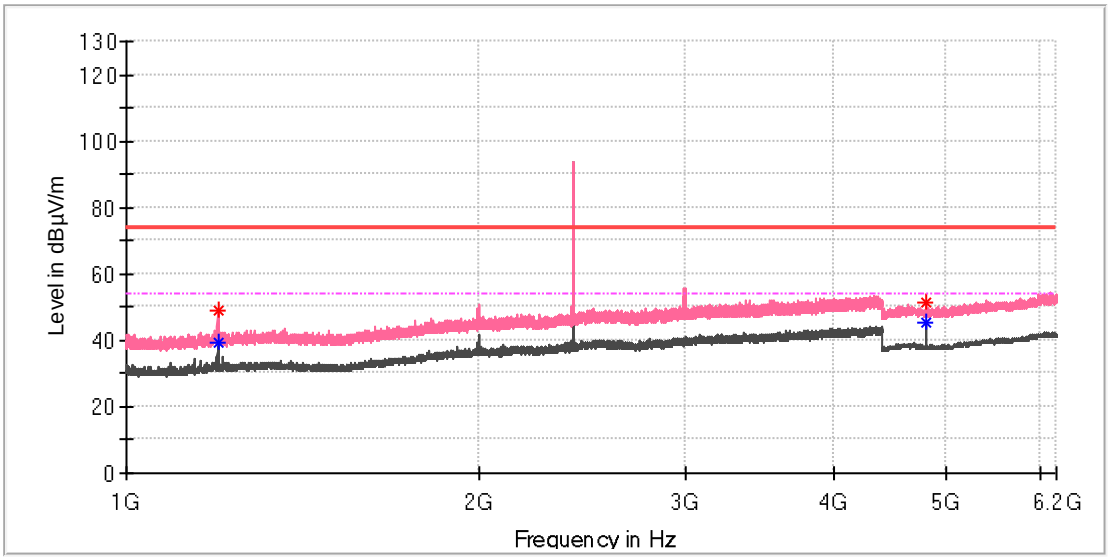
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Low channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 1196.010000 | 49.00 | --- | 74.00 | 25.00 | 100.0 | V | 219.0 | 1.1 |
| 1198.730000 | --- | 39.18 | 54.00 | 14.82 | 100.0 | V | 230.0 | 1.1 |
| 4803.500000 | 51.66 | --- | 74.00 | 22.34 | 100.0 | V | 281.0 | 11.8 |
| 4804.000000 | --- | 45.14 | 54.00 | 8.86 | 100.0 | V | 281.0 | 11.8 |

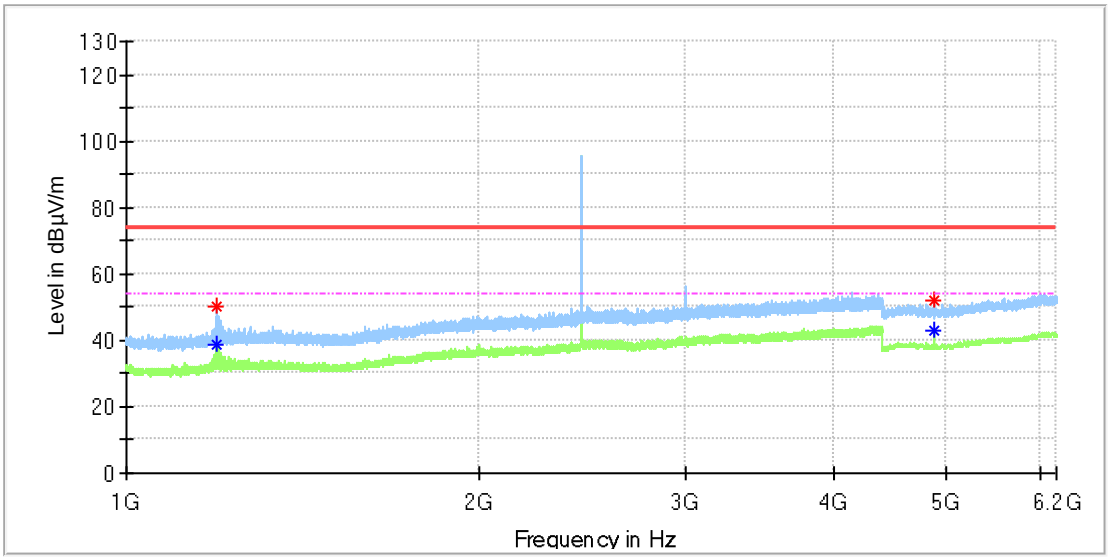
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Mid channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 1195.670000 | --- | 38.93 | 54.00 | 15.07 | 100.0 | H | 246.0 | 1.1 |
| 1195.670000 | 49.92 | --- | 74.00 | 24.08 | 100.0 | H | 246.0 | 1.1 |
| 4882.000000 | --- | 43.19 | 54.00 | 10.81 | 100.0 | H | 272.0 | 11.8 |
| 4882.500000 | 51.74 | --- | 74.00 | 22.26 | 100.0 | H | 279.0 | 11.8 |

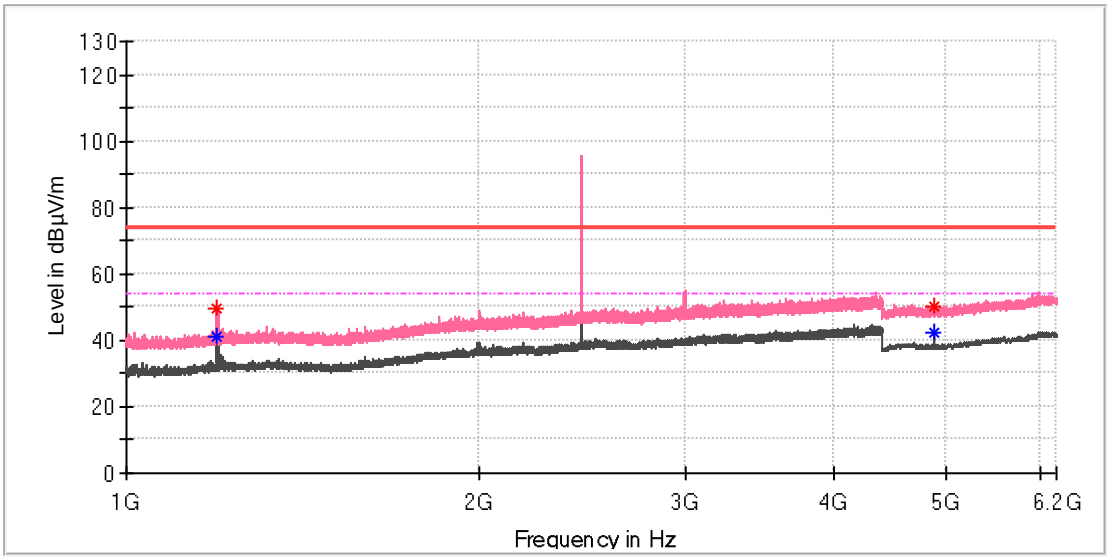
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Mid channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 1194.480000 | --- | 40.99 | 54.00 | 13.01 | 100.0 | V | 179.0 | 1.1 |
| 1194.820000 | 49.72 | --- | 74.00 | 24.28 | 100.0 | V | 179.0 | 1.1 |
| 4882.000000 | 49.93 | --- | 74.00 | 24.07 | 100.0 | V | 259.0 | 11.8 |
| 4882.000000 | --- | 42.50 | 54.00 | 11.50 | 100.0 | V | 259.0 | 11.8 |

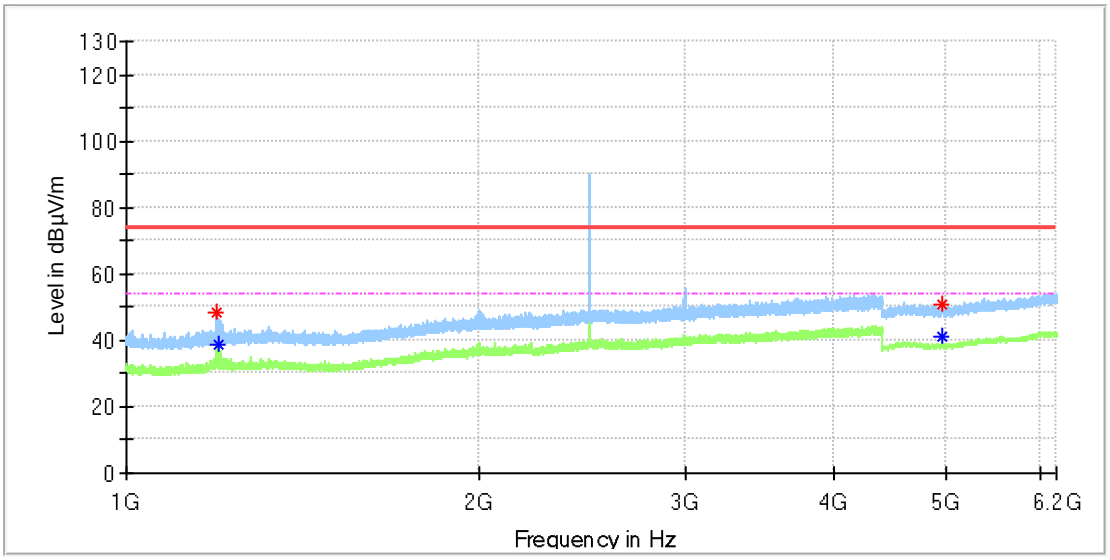
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_High channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 1194.140000 | 48.57 | --- | 74.00 | 25.43 | 100.0 | H | 217.0 | 1.1 |
| 1196.350000 | --- | 38.67 | 54.00 | 15.33 | 100.0 | H | 196.0 | 1.1 |
| 4959.000000 | 50.91 | --- | 74.00 | 23.09 | 100.0 | H | 341.0 | 11.8 |
| 4960.000000 | --- | 41.17 | 54.00 | 12.83 | 100.0 | H | 341.0 | 11.8 |

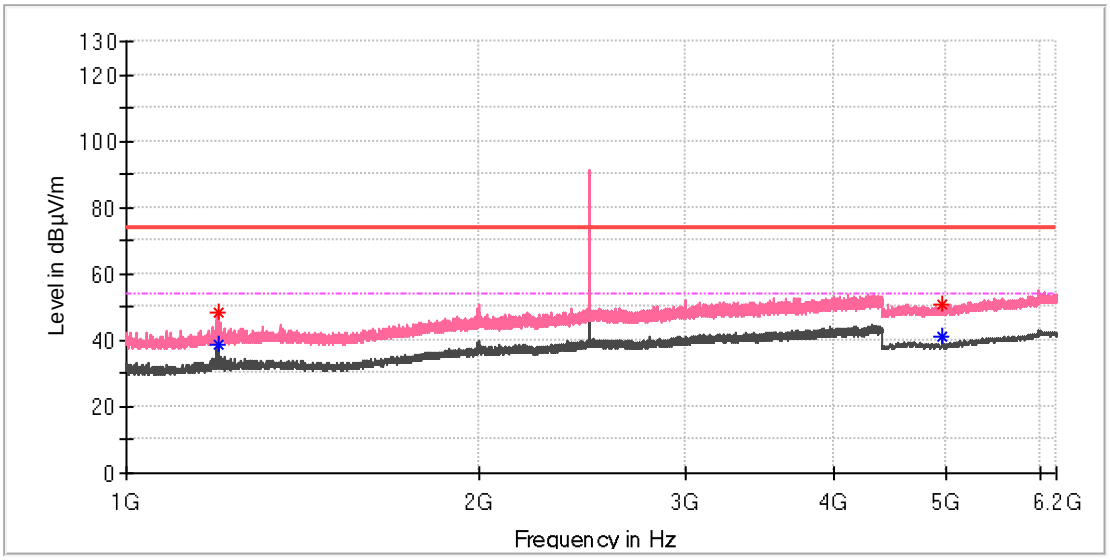
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_High channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 1196.180000 | 48.41 | --- | 74.00 | 25.59 | 100.0 | V | 196.0 | 1.1 |
| 1199.750000 | --- | 38.76 | 54.00 | 15.24 | 100.0 | V | 196.0 | 1.1 |
| 4959.500000 | 50.62 | --- | 74.00 | 23.38 | 100.0 | V | 260.0 | 11.8 |
| 4960.000000 | --- | 41.10 | 54.00 | 12.90 | 100.0 | V | 253.0 | 11.8 |

## Final_Result

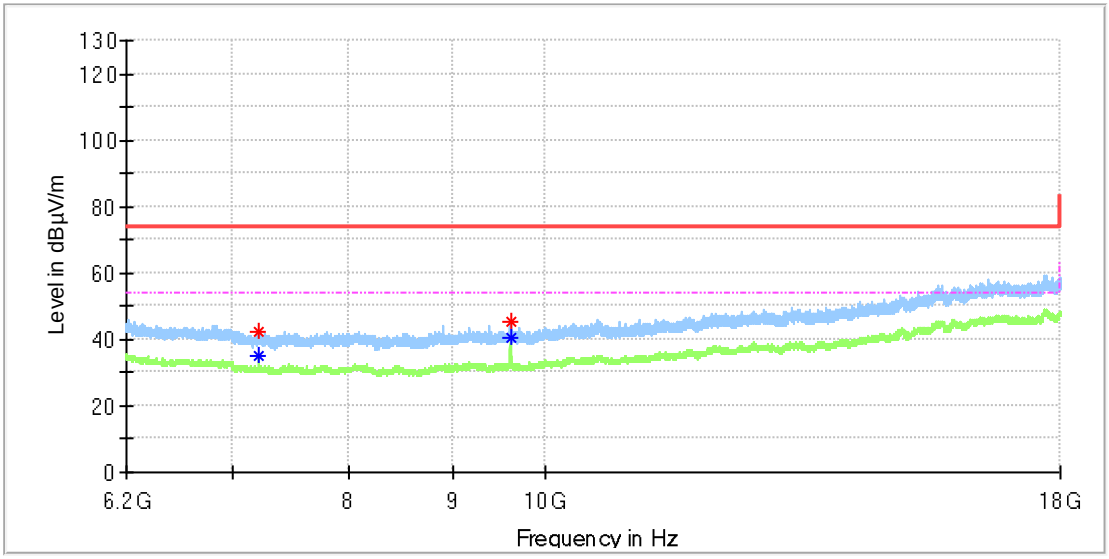
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

**6.2GHz - 18GHz**

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Low channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 7205.950000 | 42.10 | --- | 74.00 | 31.90 | 100.0 | H | 323.0 | 8.8 |
| 7205.950000 | --- | 34.81 | 54.00 | 19.19 | 100.0 | H | 323.0 | 8.8 |
| 9607.741667 | 45.17 | --- | 74.00 | 28.83 | 100.0 | H | 195.0 | 10.4 |
| 9607.741667 | --- | 40.69 | 54.00 | 13.31 | 100.0 | H | 195.0 | 10.4 |

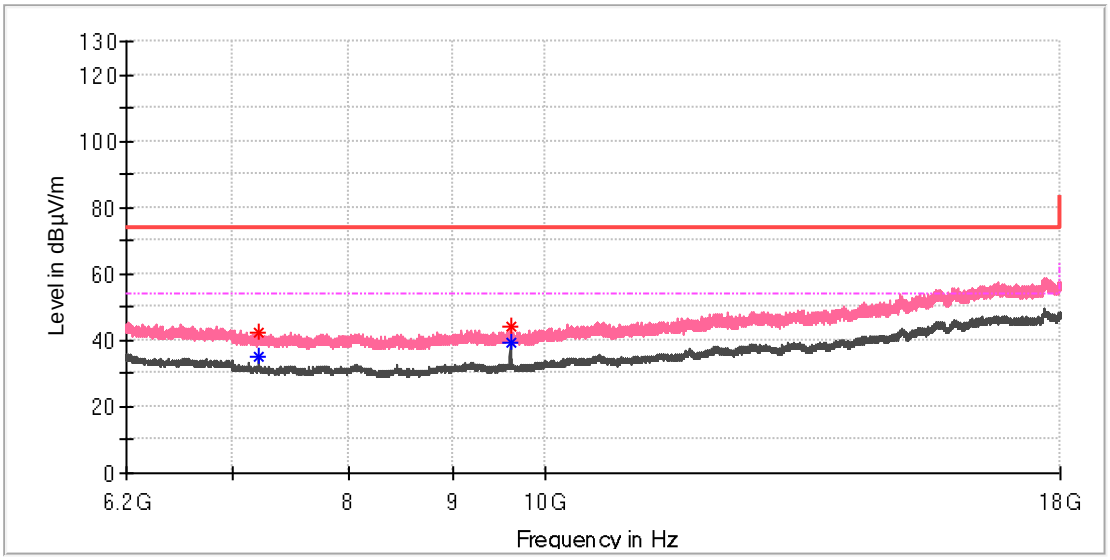
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Low channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 7205.458333 | --- | 35.08 | 54.00 | 18.92 | 100.0 | V | 138.0 | 8.8 |
| 7205.950000 | 42.12 | --- | 74.00 | 31.88 | 100.0 | V | 280.0 | 8.8 |
| 9607.741667 | --- | 39.07 | 54.00 | 14.93 | 100.0 | V | 236.0 | 10.4 |
| 9607.741667 | 44.29 | --- | 74.00 | 29.71 | 100.0 | V | 236.0 | 10.4 |

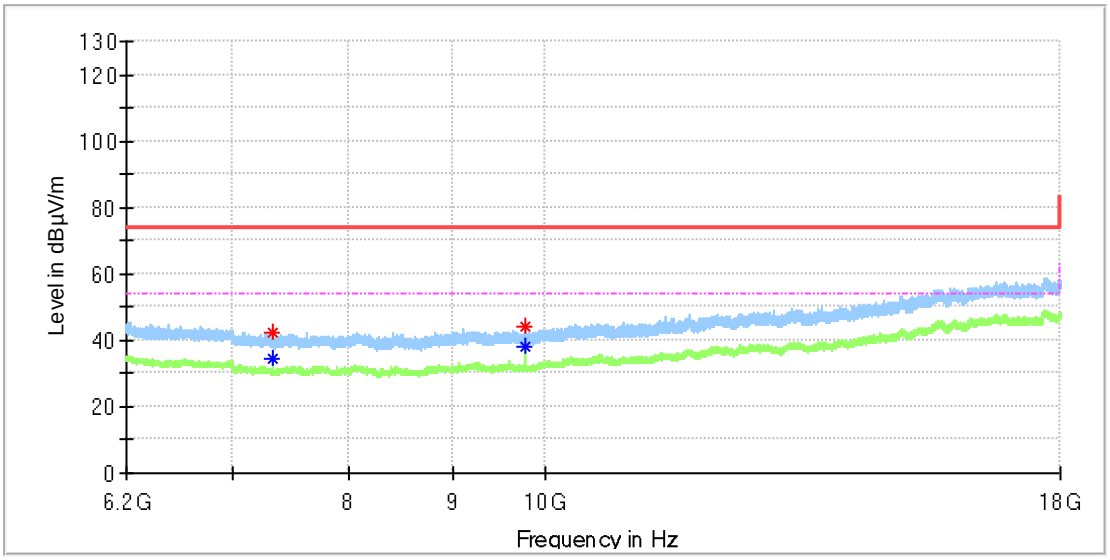
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Mid channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 7322.966667 | 42.28 | --- | 74.00 | 31.72 | 100.0 | H | 296.0 | 8.2 |
| 7322.966667 | --- | 34.22 | 54.00 | 19.78 | 100.0 | H | 296.0 | 8.2 |
| 9763.600000 | --- | 38.07 | 54.00 | 15.93 | 100.0 | H | 209.0 | 10.4 |
| 9763.600000 | 43.98 | --- | 74.00 | 30.02 | 100.0 | H | 209.0 | 10.4 |

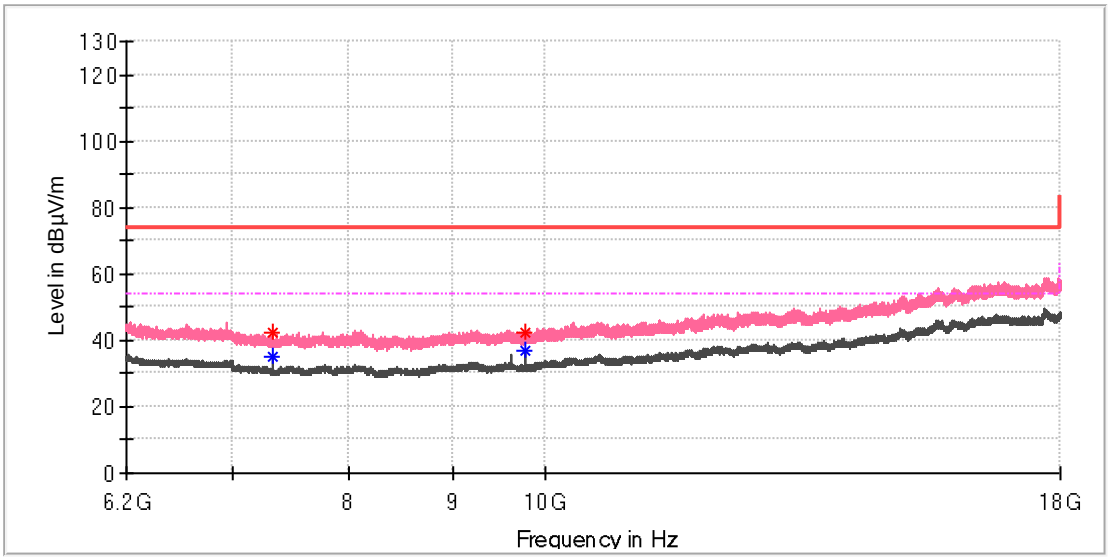
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Mid channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 7322.966667 | 42.59 | --- | 74.00 | 31.41 | 100.0 | V | 221.0 | 8.2 |
| 7322.966667 | --- | 35.00 | 54.00 | 19.00 | 100.0 | V | 221.0 | 8.2 |
| 9763.600000 | --- | 36.64 | 54.00 | 17.36 | 100.0 | V | 236.0 | 10.4 |
| 9764.091667 | 42.15 | --- | 74.00 | 31.86 | 100.0 | V | 265.0 | 10.4 |

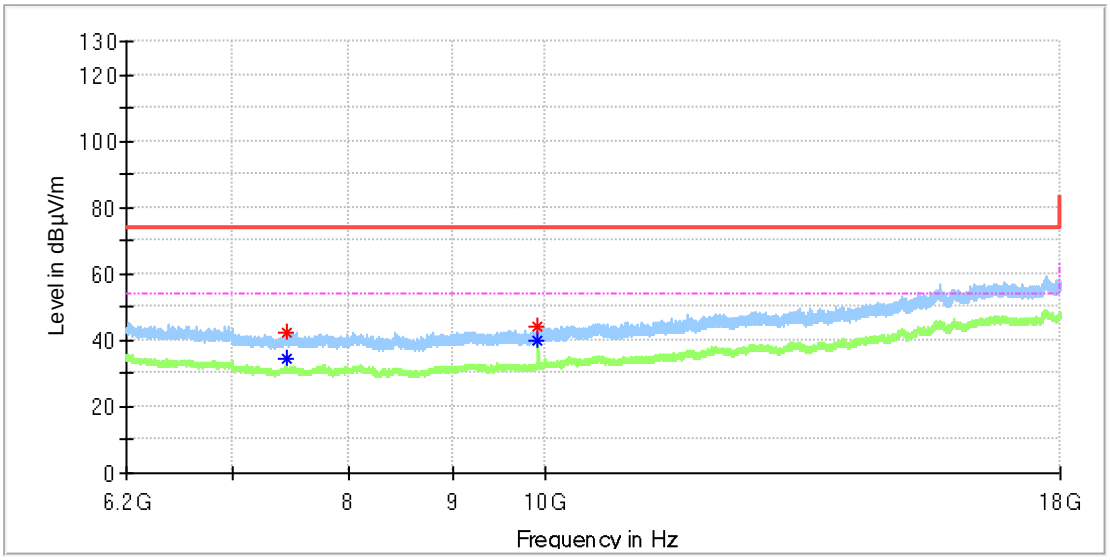
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_High channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 7439.983333 | 42.11 | --- | 74.00 | 31.89 | 100.0 | H | 225.0 | 8.4 |
| 7439.983333 | --- | 34.66 | 54.00 | 19.34 | 100.0 | H | 225.0 | 8.4 |
| 9919.458333 | --- | 39.73 | 54.00 | 14.27 | 100.0 | H | 238.0 | 10.8 |
| 9919.950000 | 44.19 | --- | 74.00 | 29.81 | 100.0 | H | 238.0 | 10.8 |

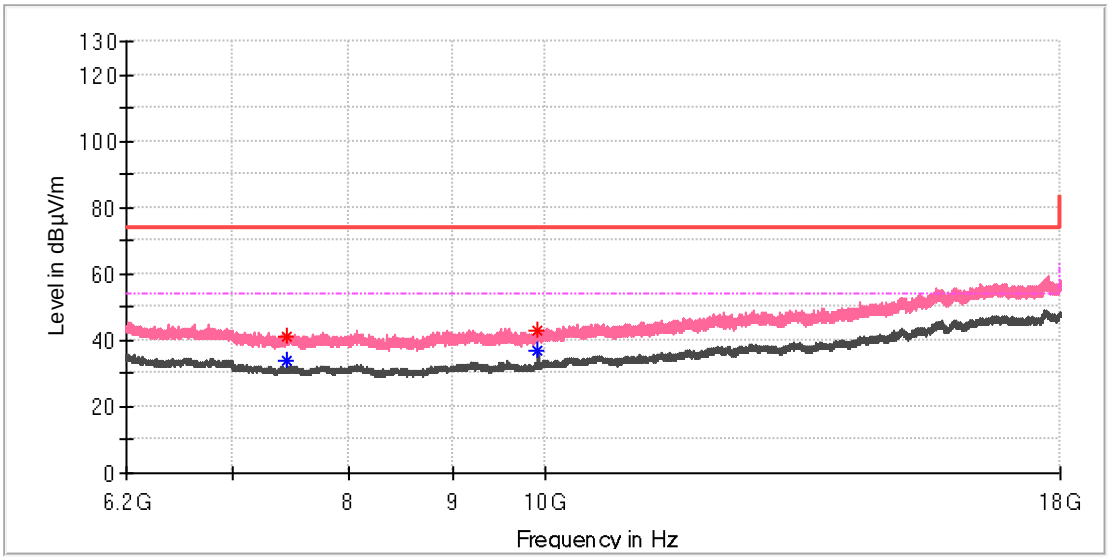
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_High channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 7439.983333 | --- | 34.09 | 54.00 | 19.91 | 100.0 | V | 263.0 | 8.4 |
| 7442.933333 | 40.89 | --- | 74.00 | 33.11 | 100.0 | V | 163.0 | 8.4 |
| 9919.950000 | 42.82 | --- | 74.00 | 31.18 | 100.0 | V | 302.0 | 10.8 |
| 9919.950000 | --- | 36.79 | 54.00 | 17.21 | 100.0 | V | 302.0 | 10.8 |

## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

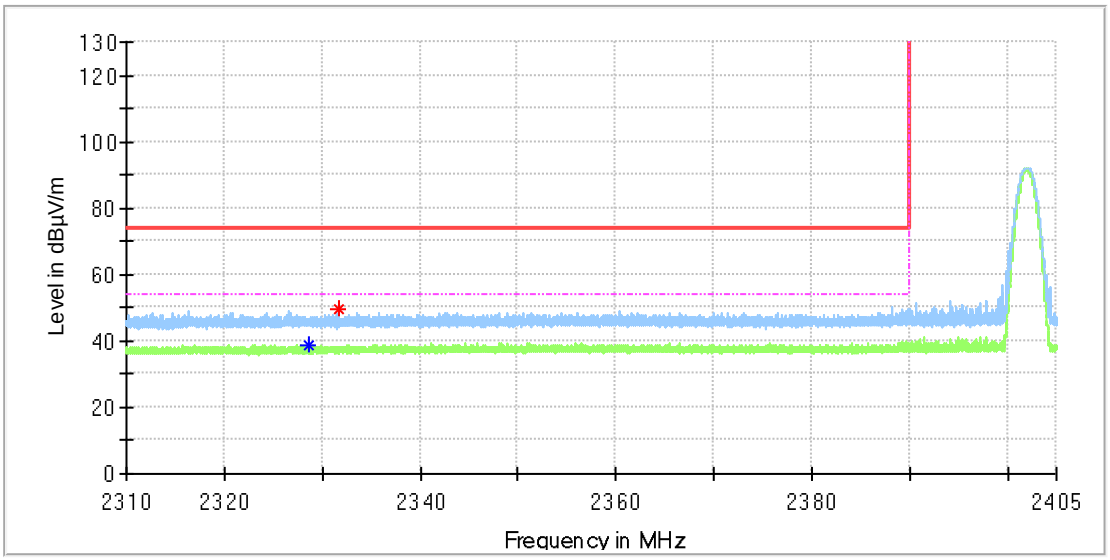
## Appendix C.2: Test Plots of Band Edge (Radiated)

**Low Channel**

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Low channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 2328.711000 | --- | 38.47 | 54.00 | 15.53 | 100.0 | H | 155.0 | 6.7 |
| 2331.654000 | 49.46 | --- | 74.00 | 24.54 | 100.0 | H | 133.0 | 6.7 |

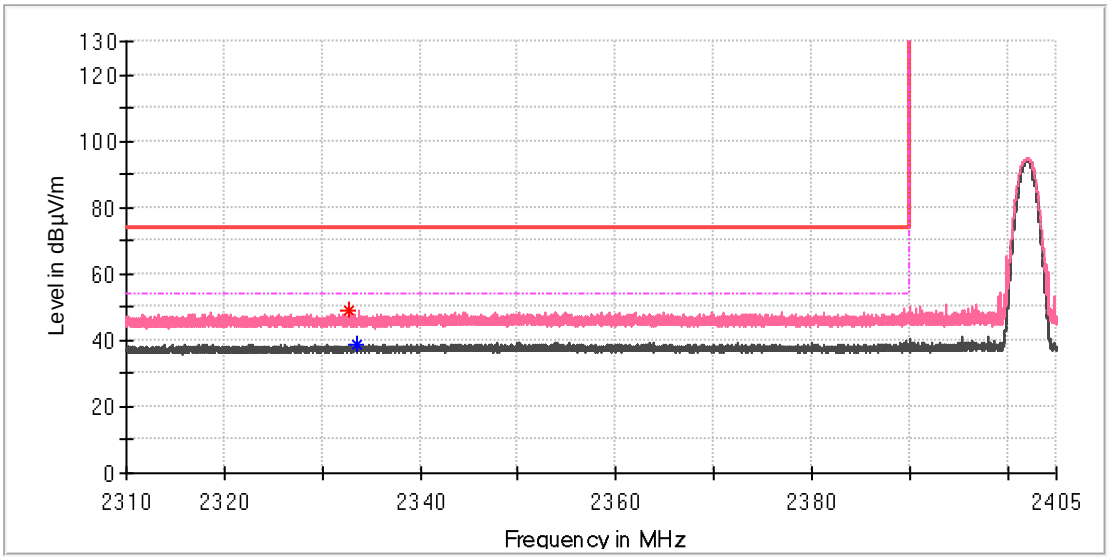
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_Low channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 2332.713750 | 48.86 | --- | 74.00 | 25.14 | 100.0 | V | 223.0 | 6.7 |
| 2333.449500 | --- | 38.72 | 54.00 | 15.28 | 100.0 | V | 155.0 | 6.7 |

## Final_Result

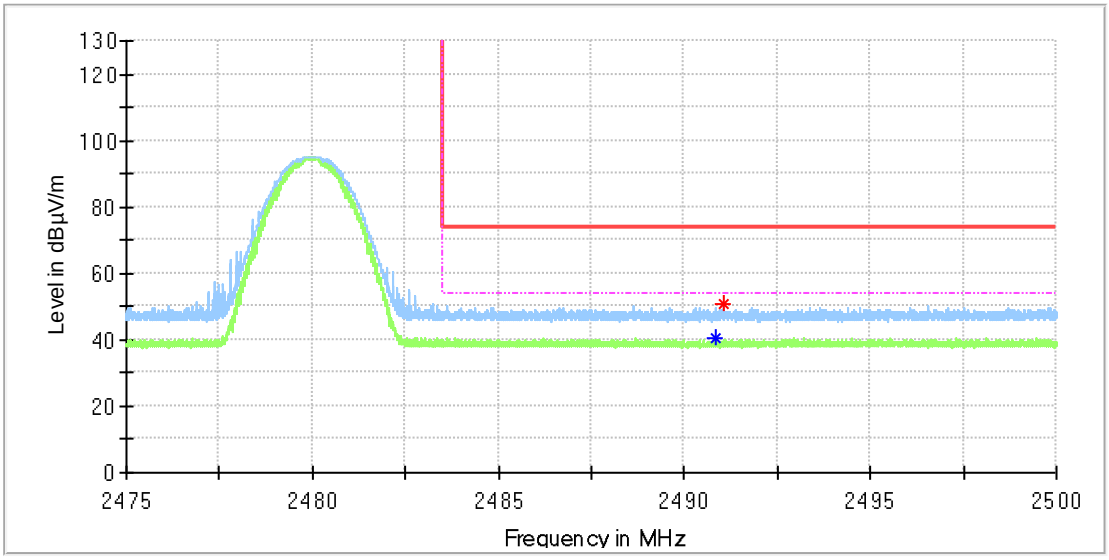
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

**High Channel**

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_High channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 2490.857500 | --- | 40.22 | 54.00 | 13.78 | 100.0 | H | 109.0 | 7.4 |
| 2491.037500 | 50.60 | --- | 74.00 | 23.40 | 100.0 | H | 100.0 | 7.4 |

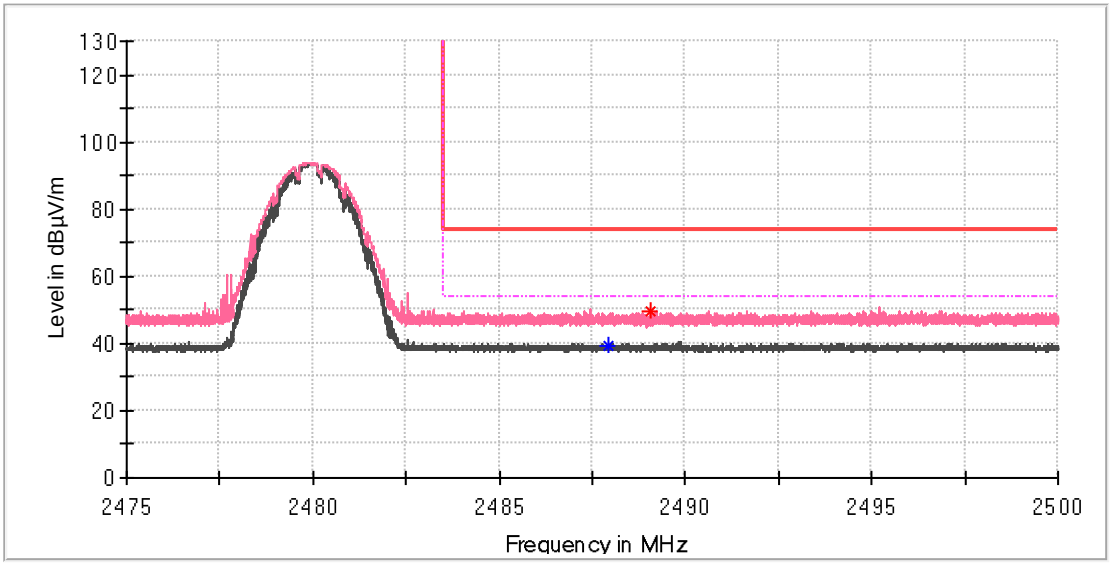
## Final_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

# Test Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower Speaker |
| Model: | EE2928 |
| Test Mode: | BR_DH5_High channel |
| Test Voltage:: | DC 5V from USB |
| Remark: | Temp 23 Humi:51% |
| Test Standard: | FCC 15.247 |
| 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) |
|---|---|---|---|---|---|---|---|---|
| 2487.930000 | --- | 39.50 | 54.00 | 14.51 | 100.0 | V | 174.0 | 7.4 |
| 2489.047500 | 49.38 | --- | 74.00 | 24.62 | 100.0 | V | 347.0 | 7.4 |

## Final_Result

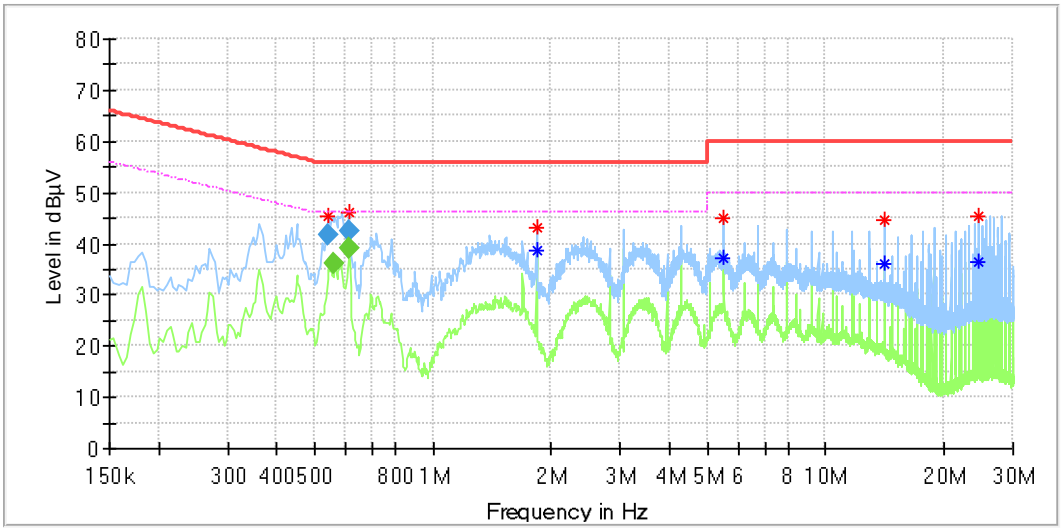
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|---|---|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | | --- | --- |

## Appendix C.3: Test Plots of AC Mains Conducted Emission

# EMC32 Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower SPEAKER |
| Order No: | 168322127 70 |
| Model: | EE2928 |
| Test Voltage: | AC 230V/50Hz |
| Test By: | Steve Lan |
| Review By: | Gary Chen |
| Remark: | SR2 |




## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|
| 0.541500 | 45.41 | --- | 56.00 | 10.59 | L1 | 10.0 |
| 0.561500 | --- | 36.07 | 46.00 | 9.93 | L1 | 10.0 |
| 0.613500 | 46.05 | --- | 56.00 | 9.95 | L1 | 10.0 |
| 0.613500 | --- | 39.35 | 46.00 | 6.65 | L1 | 10.0 |
| 1.838000 | 43.15 | --- | 56.00 | 12.85 | L1 | 10.1 |
| 1.838000 | --- | 38.71 | 46.00 | 7.29 | L1 | 10.1 |
| 5.514000 | 45.08 | --- | 60.00 | 14.92 | L1 | 10.3 |
| 5.514000 | --- | 37.34 | 50.00 | 12.66 | L1 | 10.3 |
| 14.086000 | 44.80 | --- | 60.00 | 15.20 | L1 | 10.4 |
| 14.086000 | --- | 36.19 | 50.00 | 13.81 | L1 | 10.4 |
| 24.498000 | --- | 36.45 | 50.00 | 13.55 | L1 | 10.4 |
| 24.502000 | 45.26 | --- | 60.00 | 14.74 | L1 | 10.4 |

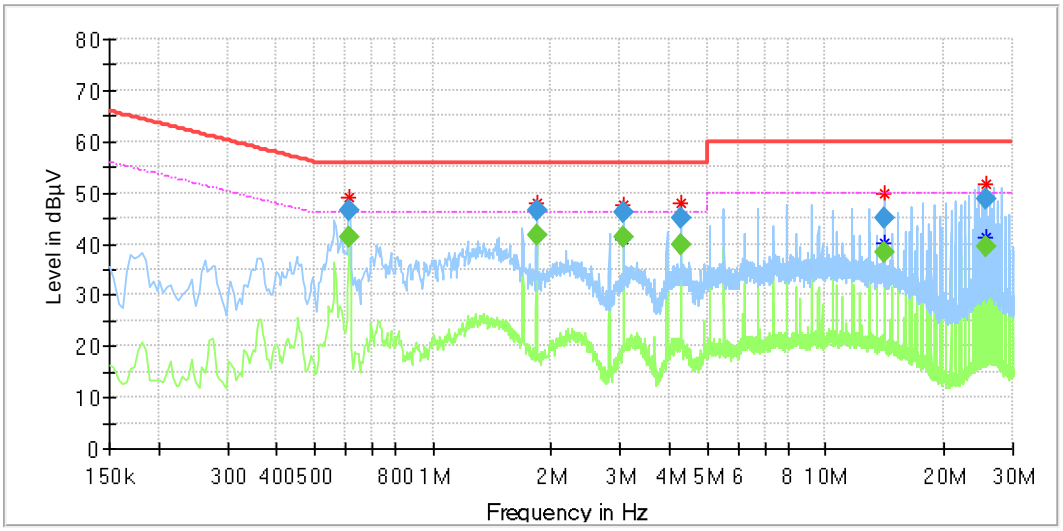
## Final_Result

| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|
| 0.541500 | 41.55 | --- | 56.00 | 14.45 | 200.0 | 9.000 | L1 | 10.0 |
| 0.561500 | --- | 36.12 | 46.00 | 9.88 | 200.0 | 9.000 | L1 | 10.0 |
| 0.613500 | 42.50 | --- | 56.00 | 13.50 | 200.0 | 9.000 | L1 | 10.0 |
| 0.613500 | --- | 39.21 | 46.00 | 6.79 | 200.0 | 9.000 | L1 | 10.0 |

# EMC32 Report

## EUT Information

| | |
|---|---|
| EUT Name: | Tower SPEAKER |
| Order No: | 168322127 70 |
| Model: | EE2928 |
| Test Voltage: | AC 230V/50Hz |
| Test By: | Steve Lan |
| Review By: | Gary Chen |
| Remark: | SR2 |




## Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|
| 0.613500 | 49.02 | --- | 56.00 | 6.98 | N | 9.8 |
| 0.613500 | --- | 41.66 | 46.00 | 4.34 | N | 9.8 |
| 1.837500 | --- | 41.74 | 46.00 | 4.26 | N | 9.8 |
| 1.837500 | 48.02 | --- | 56.00 | 7.98 | N | 9.8 |
| 3.061500 | --- | 40.80 | 46.00 | 5.20 | N | 9.9 |
| 3.061500 | 47.50 | --- | 56.00 | 8.50 | N | 9.9 |
| 4.285500 | 47.86 | --- | 56.00 | 8.14 | N | 9.9 |
| 4.285500 | --- | 40.32 | 46.00 | 5.68 | N | 9.9 |
| 14.081500 | 49.89 | --- | 60.00 | 10.11 | N | 10.1 |
| 14.085500 | --- | 40.21 | 50.00 | 9.79 | N | 10.1 |
| 25.725500 | 51.89 | --- | 60.00 | 8.11 | N | 10.3 |
| 25.725500 | --- | 41.30 | 50.00 | 8.70 | N | 10.3 |

## Final_Result

| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|
| 0.613500 | --- | 41.37 | 46.00 | 4.63 | 200.0 | 9.000 | N | 9.8 |
| 0.613500 | 46.36 | --- | 56.00 | 9.64 | 200.0 | 9.000 | N | 9.8 |
| 1.837500 | --- | 41.67 | 46.00 | 4.33 | 200.0 | 9.000 | N | 9.8 |
| 1.837500 | 46.50 | --- | 56.00 | 9.50 | 200.0 | 9.000 | N | 9.8 |
| 3.061500 | --- | 41.15 | 46.00 | 4.85 | 200.0 | 9.000 | N | 9.9 |
| 3.061500 | 46.02 | --- | 56.00 | 9.98 | 200.0 | 9.000 | N | 9.9 |
| 4.285500 | 45.09 | --- | 56.00 | 10.91 | 200.0 | 9.000 | N | 9.9 |
| 4.285500 | --- | 39.88 | 46.00 | 6.12 | 200.0 | 9.000 | N | 9.9 |
| 14.081500 | 45.06 | --- | 60.00 | 14.94 | 200.0 | 9.000 | N | 10.1 |
| 14.085500 | --- | 38.27 | 50.00 | 11.73 | 200.0 | 9.000 | N | 10.1 |
| 25.725500 | --- | 39.38 | 50.00 | 10.62 | 200.0 | 9.000 | N | 10.3 |
| 25.725500 | 48.67 | --- | 60.00 | 11.33 | 200.0 | 9.000 | N | 10.3 |