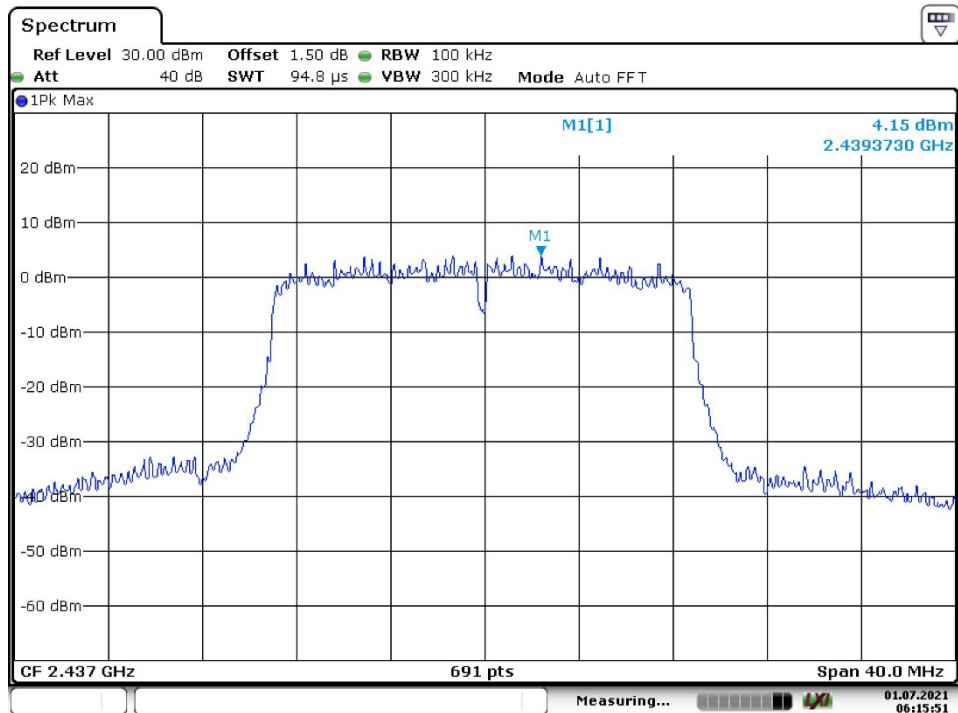
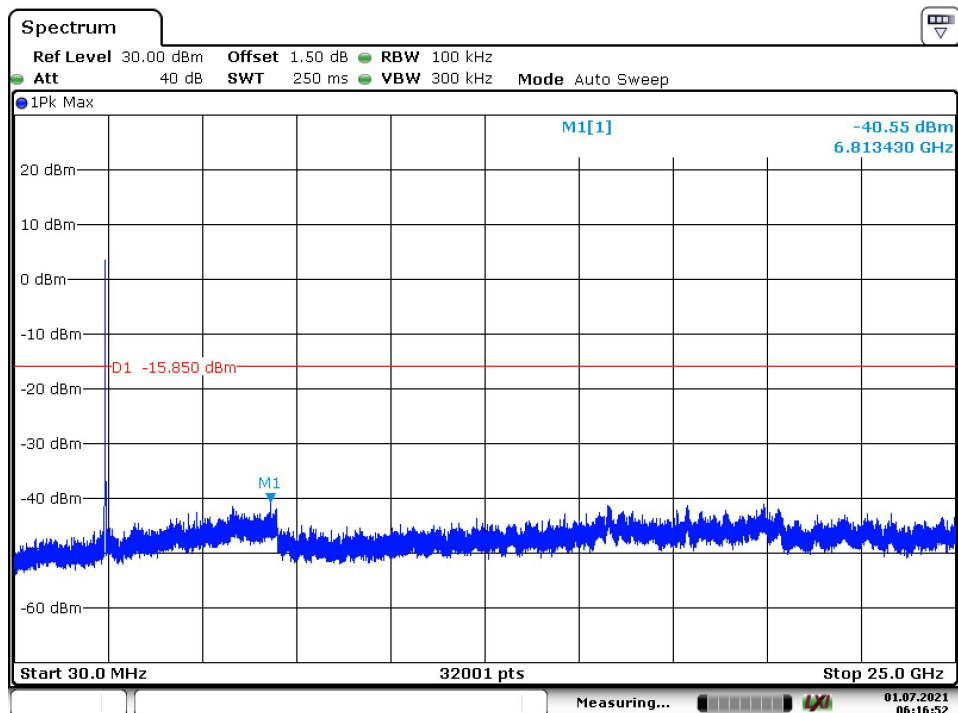
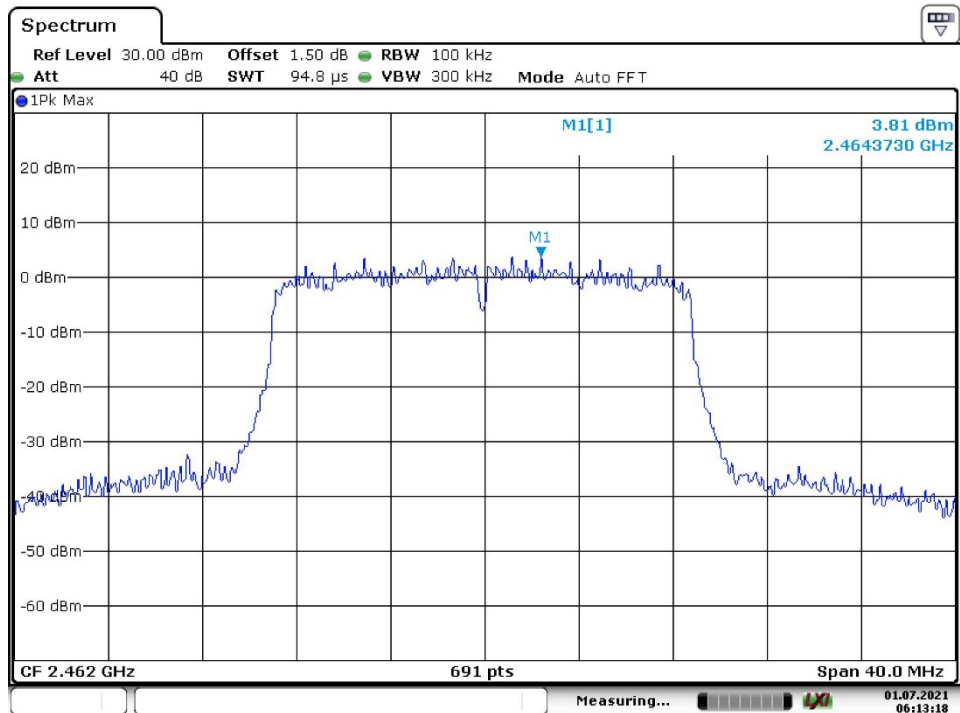




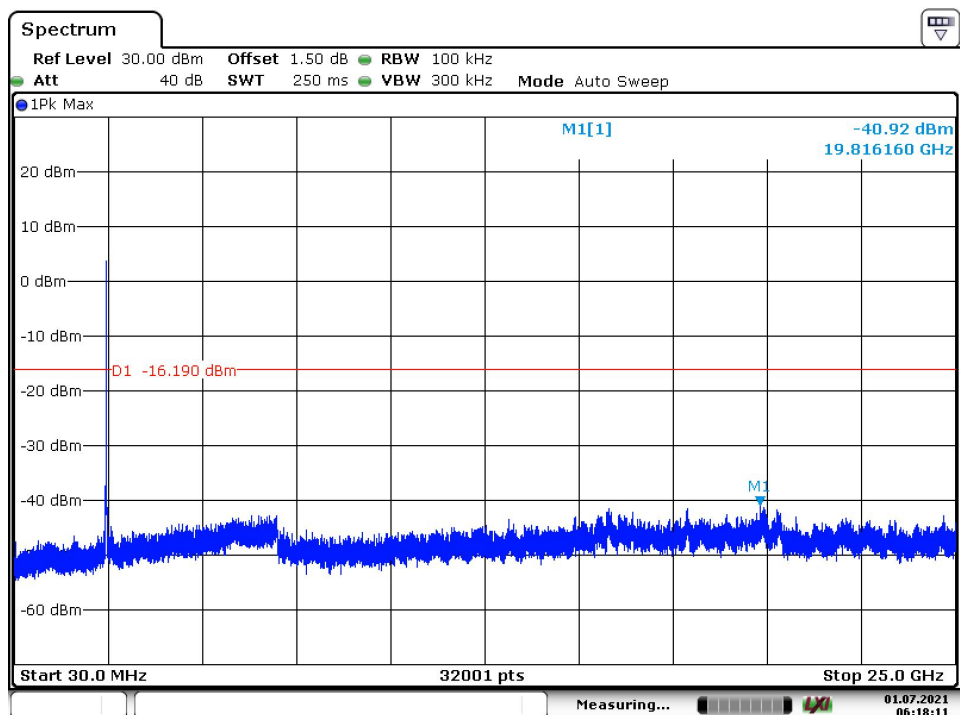
Date: 1.JUL.2021 06:15:51



Date: 1.JUL.2021 06:16:52

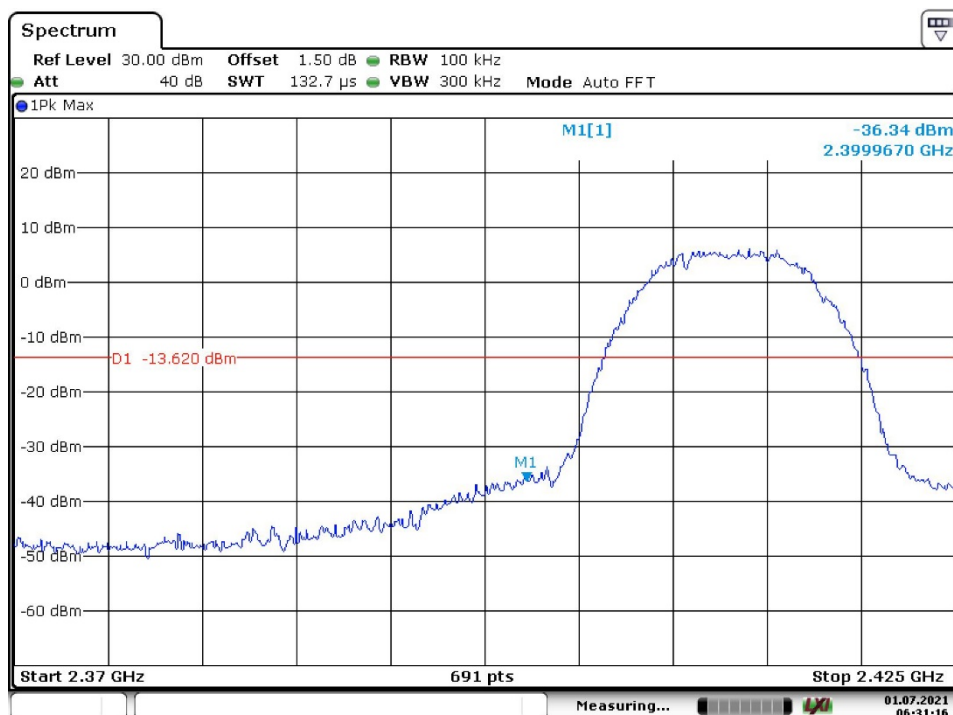


Date: 1.JUL.2021 06:13:18

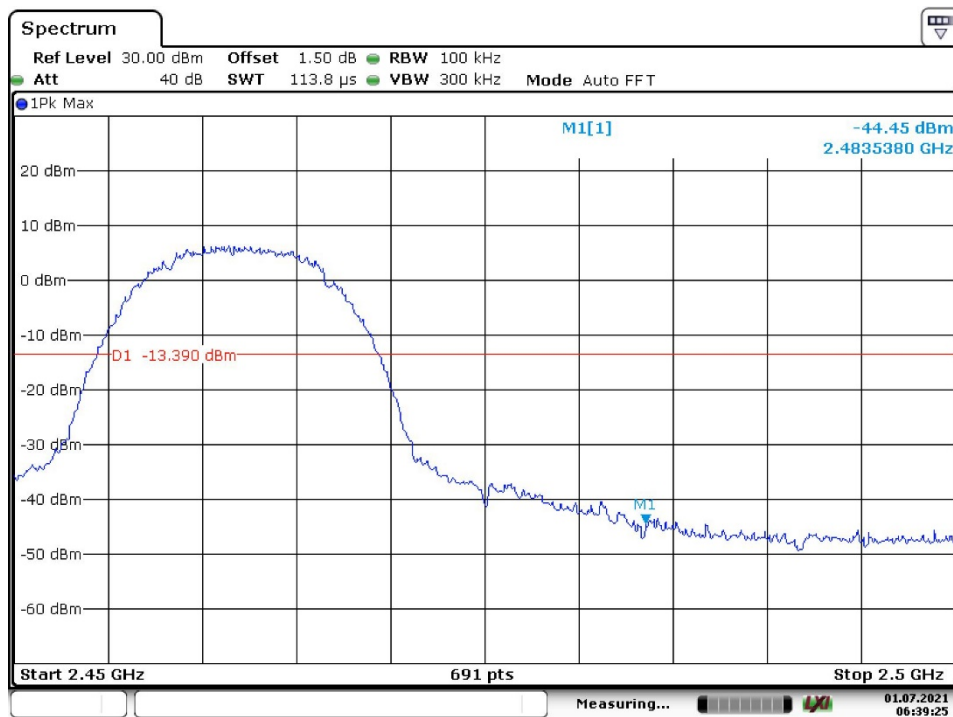


Date: 1.JUL.2021 06:18:11

## Wi-Fi 802.11 b mode, Band Edge

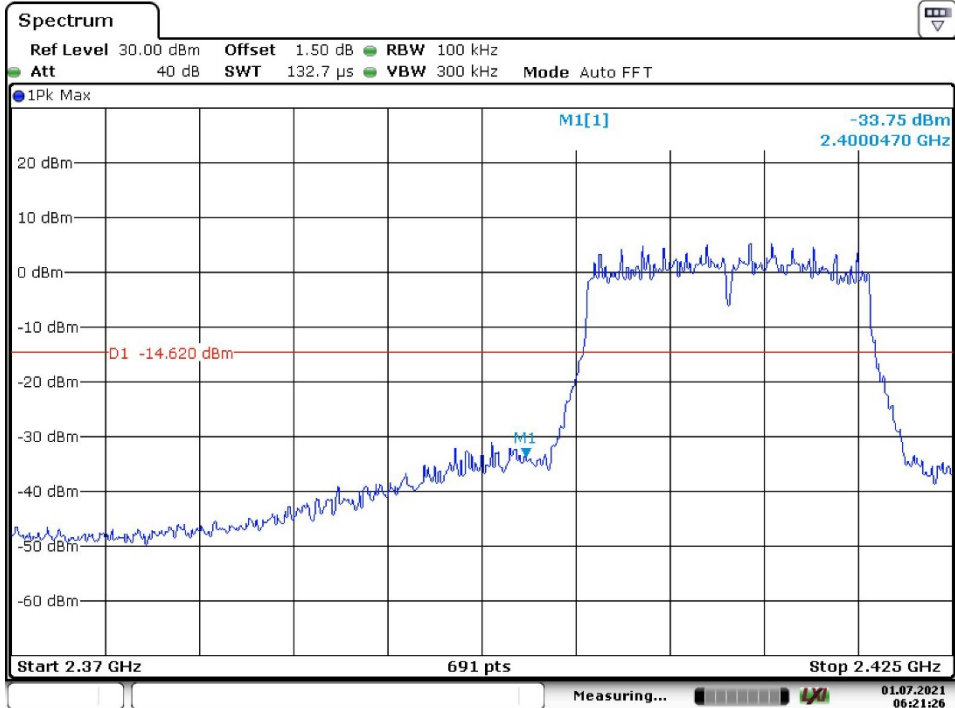


Date: 1.JUL.2021 06:31:15

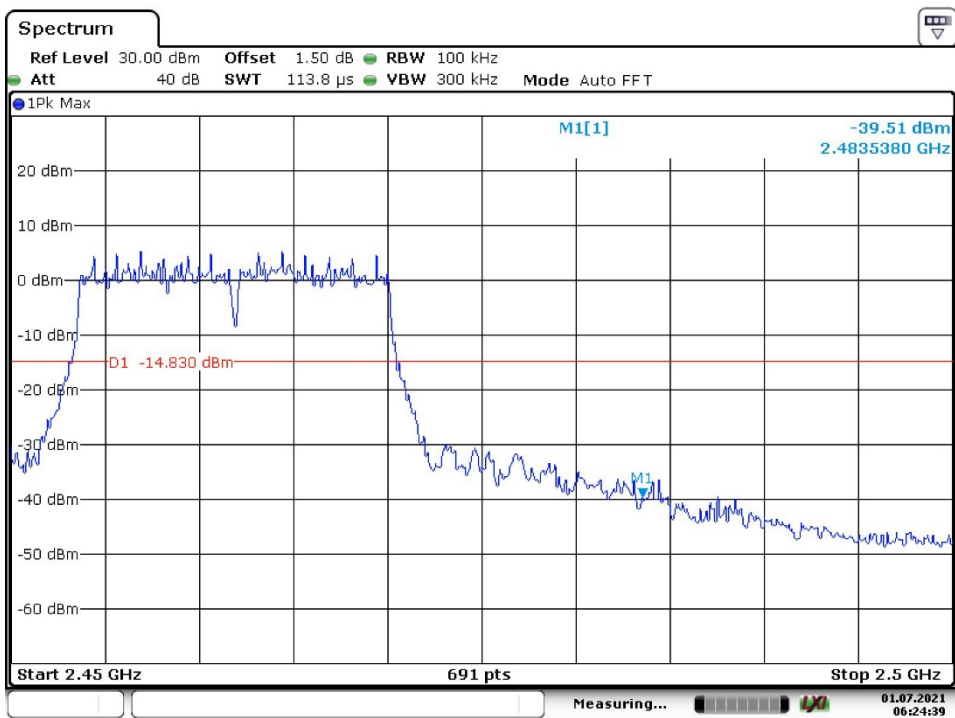


Date: 1.JUL.2021 06:39:26

## Wi-Fi 802.11 g mode, Band Edge

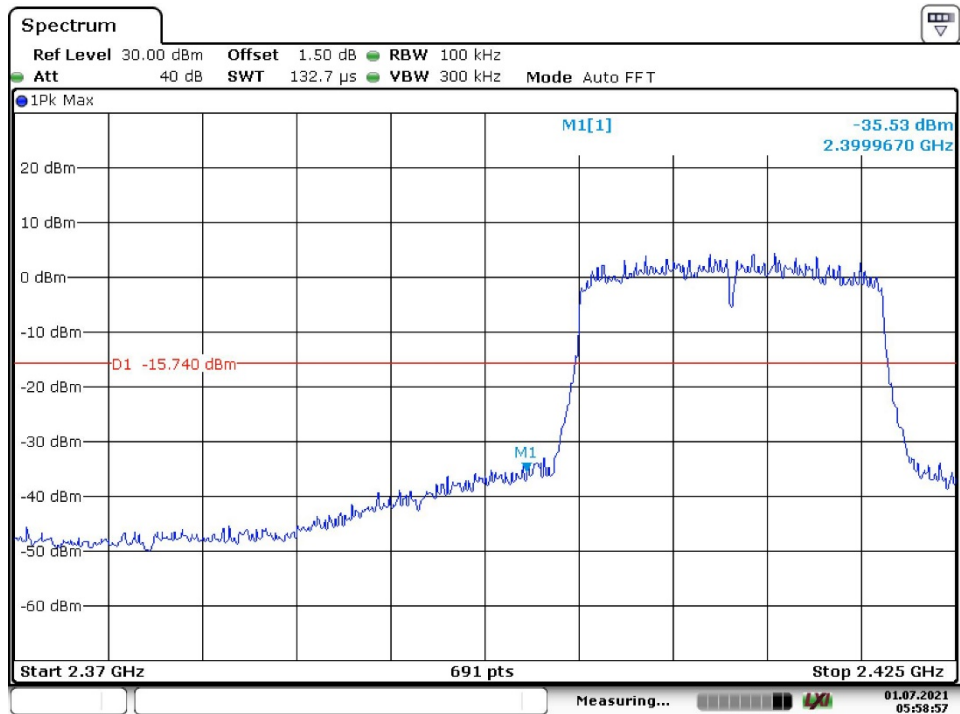


Date: 1.JUL.2021 06:21:26

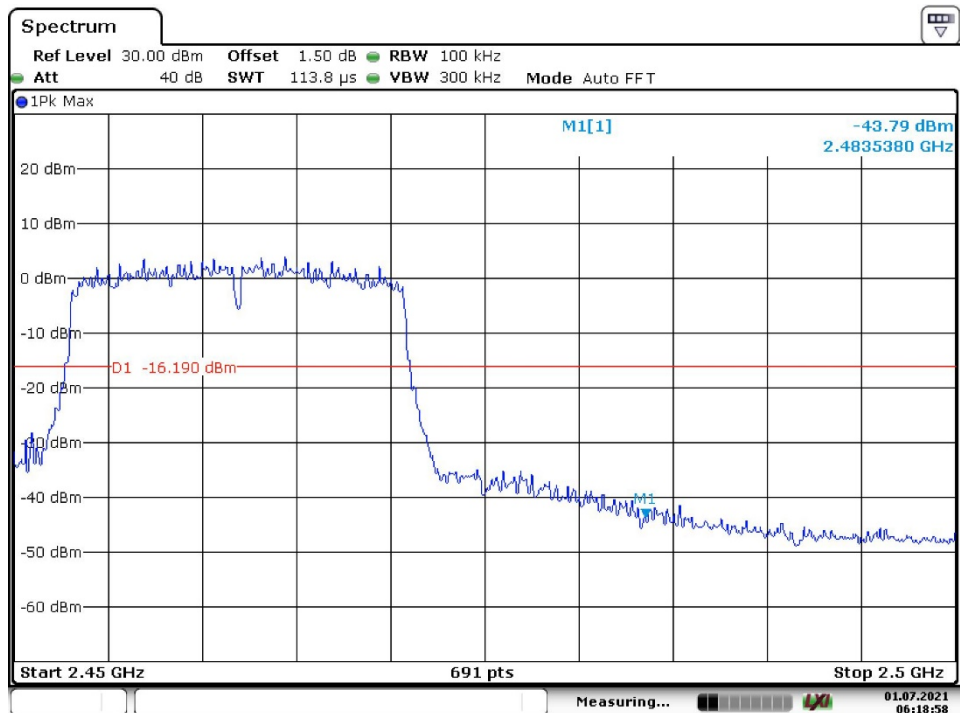


Date: 1.JUL.2021 06:24:39

## Wi-Fi 802.11 n(HT20) mode, Band Edge



Date: 1.JUL.2021 05:58:58



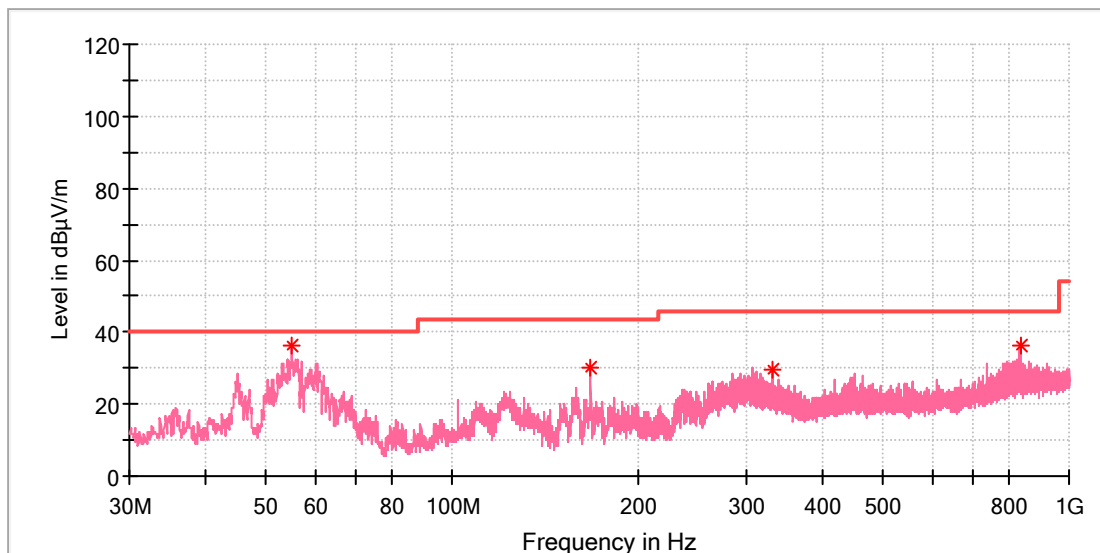
Date: 1.JUL.2021 06:18:57

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

## Appendix B.5: Test Results of Radiated Spurious Emissions 30MHz - 1GHz (Worst case)

### EUT Information

|                |                           |
|----------------|---------------------------|
| EUT Name:      | LeapPad Academy           |
| Model:         | 6022                      |
| Test Mode:     | WIFI 2.4G_11b_Low channel |
| Test Voltage:: | Battery                   |
| Remark:        | Temp 23 Humi:51%          |
| Test Standard: | FCC 15.247                |
| Tested By:     | Kei Zhang                 |
| Reviewed By:   | Terry Yin                 |

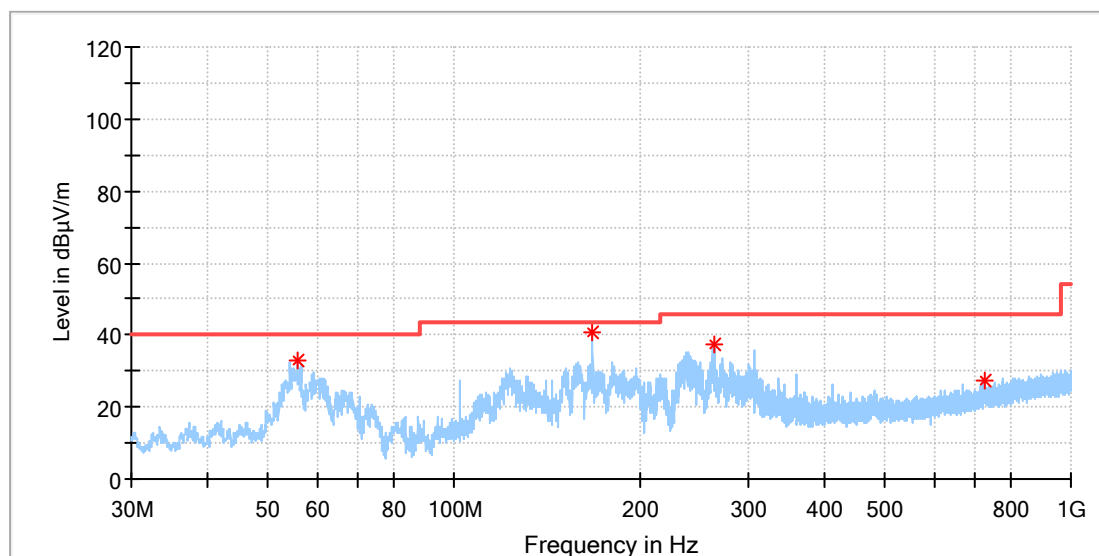


### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 55.026000       | 36.52            | 40.00          | 3.48        | 100.0       | V   | 127.0         | -18.4        |
| 167.982500      | 30.34            | 43.50          | 13.16       | 100.0       | V   | 195.0         | -21.3        |
| 330.021000      | 29.84            | 46.00          | 16.16       | 100.0       | V   | 185.0         | -15.5        |
| 832.626500      | 36.35            | 46.00          | 9.65        | 100.0       | V   | 152.0         | -5.8         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Low channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

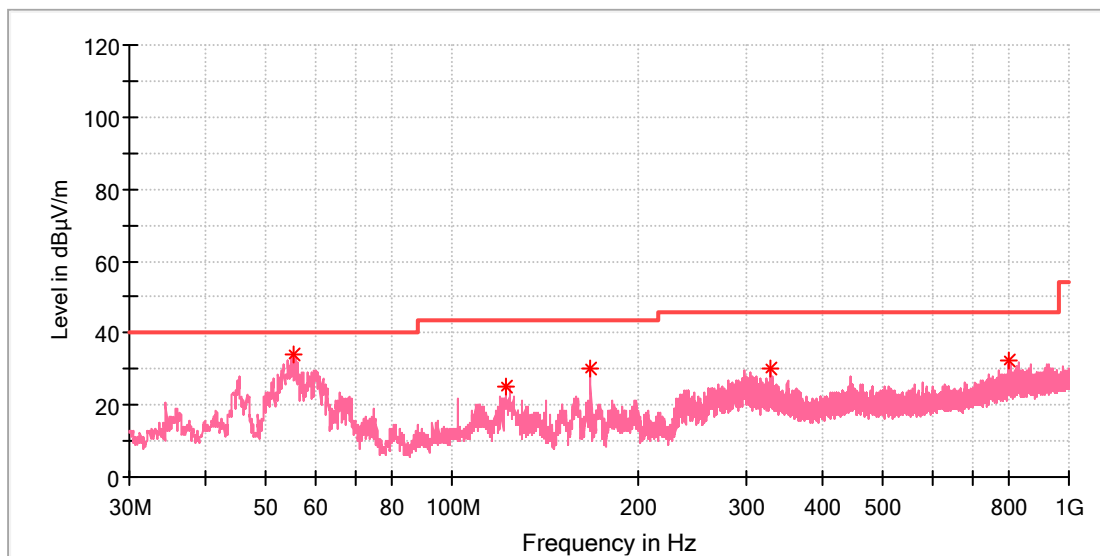


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 55.899000       | 33.15            | 40.00          | 6.85        | 100.0       | H   | 188.0         | -18.5        |
| 168.031000      | 40.96            | 43.50          | 2.54        | 100.0       | H   | 161.0         | -21.3        |
| 263.285000      | 37.35            | 46.00          | 8.65        | 100.0       | H   | 213.0         | -17.0        |
| 723.550000      | 27.61            | 46.00          | 18.39       | 100.0       | H   | 154.0         | -7.6         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



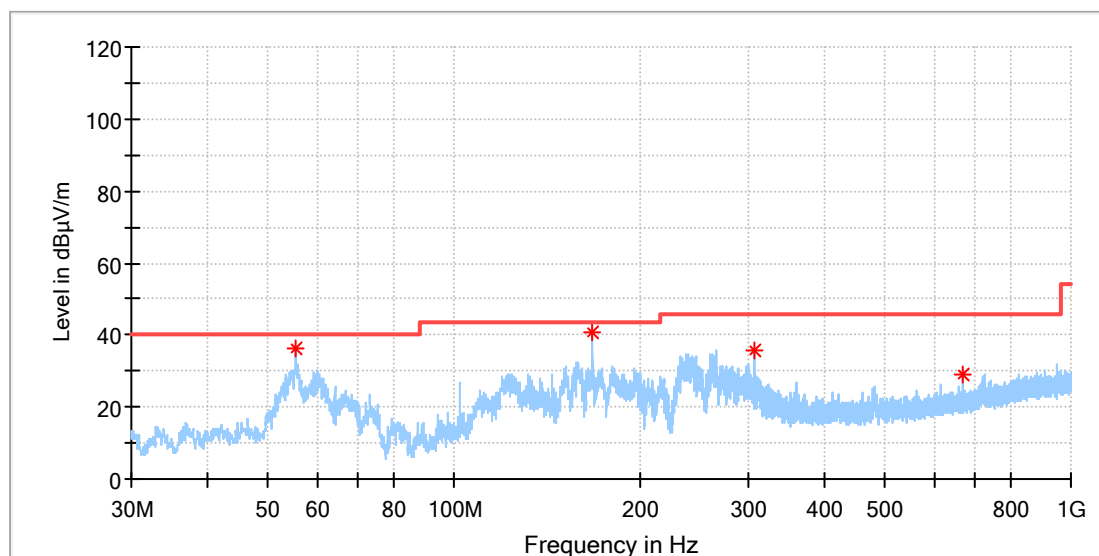
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 55.220000       | 33.93            | 40.00          | 6.07        | 100.0       | V   | 97.0          | -18.5        |
| 122.247000      | 25.28            | 43.50          | 18.22       | 100.0       | V   | 218.0         | -21.0        |
| 167.982500      | 30.39            | 43.50          | 13.11       | 100.0       | V   | 201.0         | -21.3        |
| 328.857000      | 29.90            | 46.00          | 16.10       | 100.0       | V   | 177.0         | -15.5        |
| 799.840500      | 32.44            | 46.00          | 13.56       | 100.0       | V   | 116.0         | -6.4         |



## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

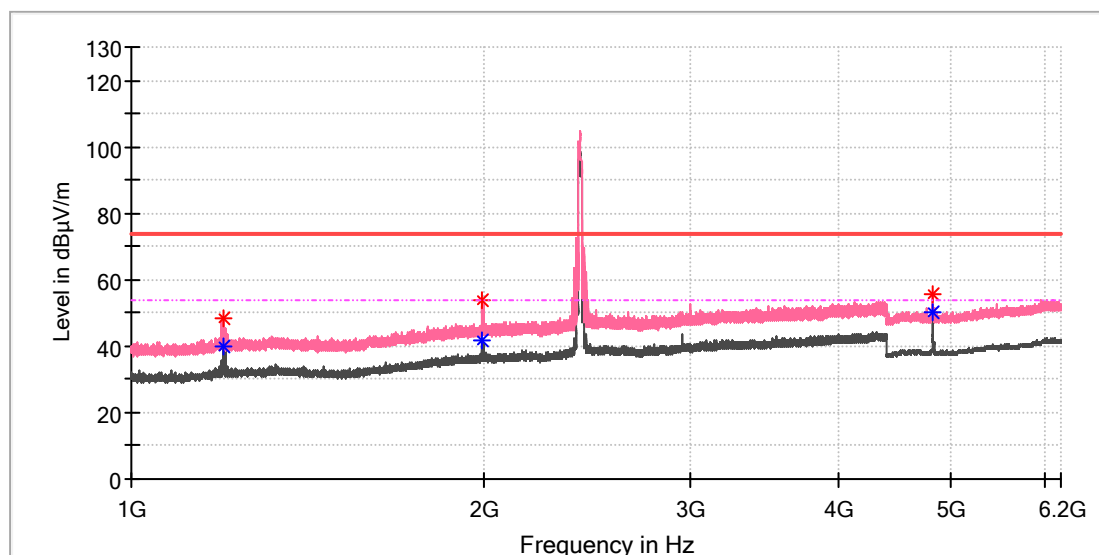
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 55.414000       | 36.05            | 40.00          | 3.95        | 100.0       | H   | 180.0         | -18.5        |
| 168.031000      | 40.77            | 43.50          | 2.73        | 100.0       | H   | 157.0         | -21.3        |
| 307.226000      | 35.81            | 46.00          | 10.19       | 100.0       | H   | 133.0         | -16.1        |
| 665.592500      | 28.91            | 46.00          | 17.09       | 100.0       | H   | 165.0         | -8.7         |

## 1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

## EUT Information

|                |                           |
|----------------|---------------------------|
| EUT Name:      | LeapPad Academy           |
| Model:         | 6022                      |
| Test Mode:     | WIFI 2.4G_11b_Low channel |
| Test Voltage:: | Battery                   |
| Remark:        | Temp 23 Humi:51%          |
| Test Standard: | FCC 15.247                |
| Tested By:     | Kei Zhang                 |
| Reviewed By:   | Terry Yin                 |

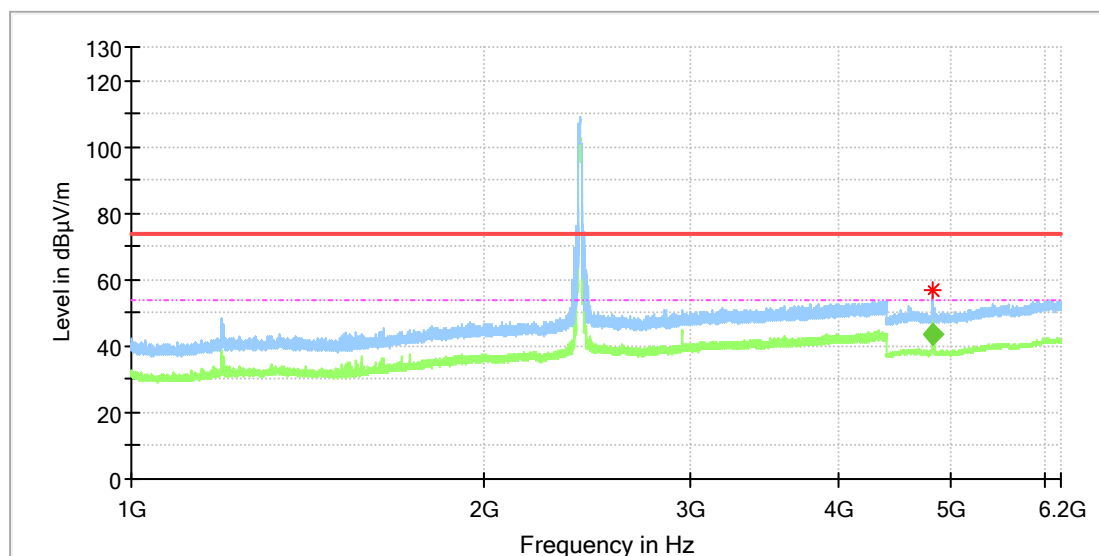


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1198.050000     | ---              | 39.97            | 54.00          | 14.03       | 100.0       | V   | 100.0         | 1.1          |
| 1198.220000     | 48.45            | ---              | 74.00          | 25.55       | 100.0       | V   | 100.0         | 1.1          |
| 1991.610000     | 54.04            | ---              | 74.00          | 19.96       | 100.0       | V   | 144.0         | 6.0          |
| 1991.610000     | ---              | 41.48            | 54.00          | 12.52       | 100.0       | V   | 144.0         | 6.0          |
| 4823.500000     | 55.38            | ---              | 74.00          | 18.62       | 100.0       | V   | 268.0         | 11.8         |
| 4823.500000     | ---              | 50.09            | 54.00          | 3.91        | 100.0       | V   | 268.0         | 11.8         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Low channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

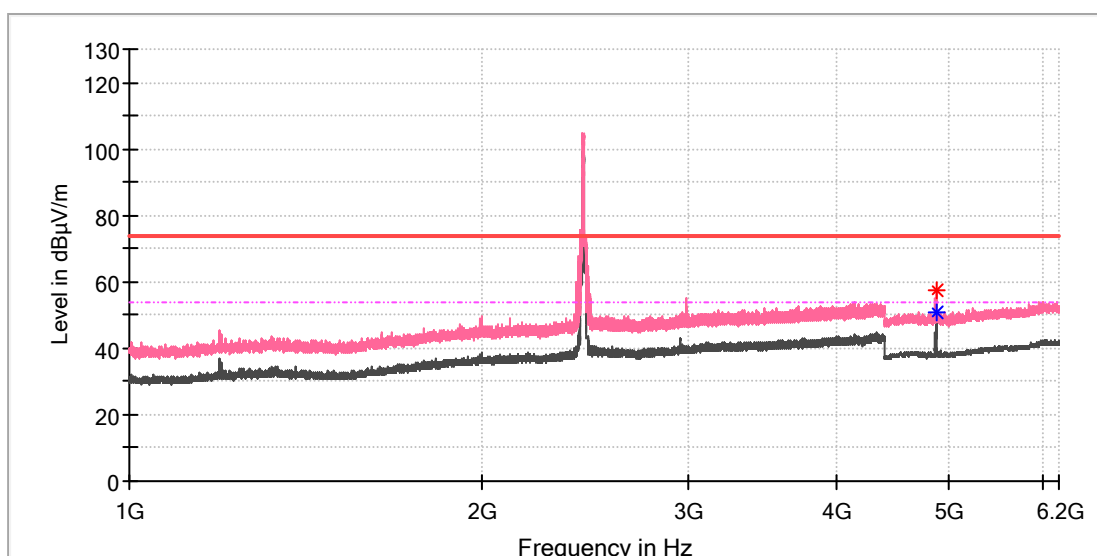
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4823.500000     | 56.90            | ---              | 74.00          | 17.10       | 100.0       | H   | 232.0         | 11.8         |

## Final\_Result

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4823.800000     | 43.61            | 54.00          | 10.39       | 100.0       | H   | 227.0         | 11.8         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Mid channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

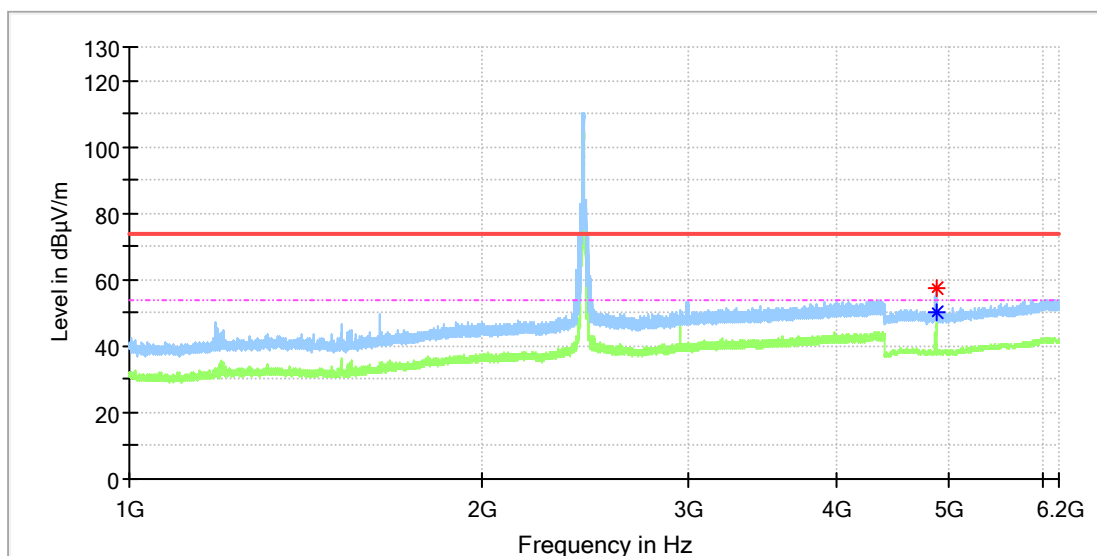


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4873.500000     | ---              | 50.75            | 54.00          | 3.25        | 100.0       | V   | 271.0         | 11.8         |
| 4874.000000     | 57.63            | ---              | 74.00          | 16.37       | 100.0       | V   | 271.0         | 11.8         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Mid channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

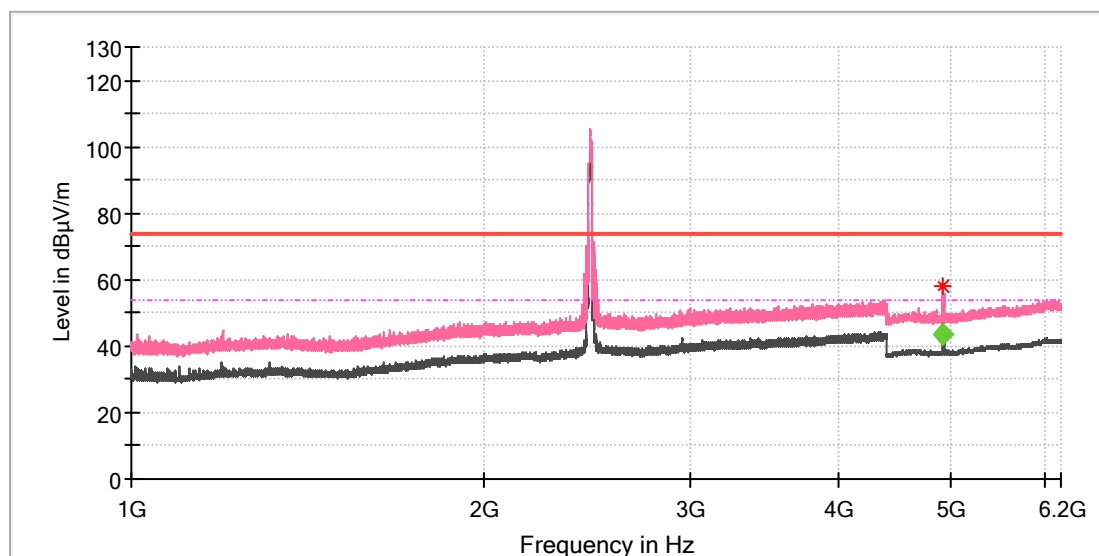


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4873.500000     | 57.49            | ---              | 74.00          | 16.51       | 100.0       | H   | 236.0         | 11.8         |
| 4873.500000     | ---              | 50.36            | 54.00          | 3.64        | 100.0       | H   | 236.0         | 11.8         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

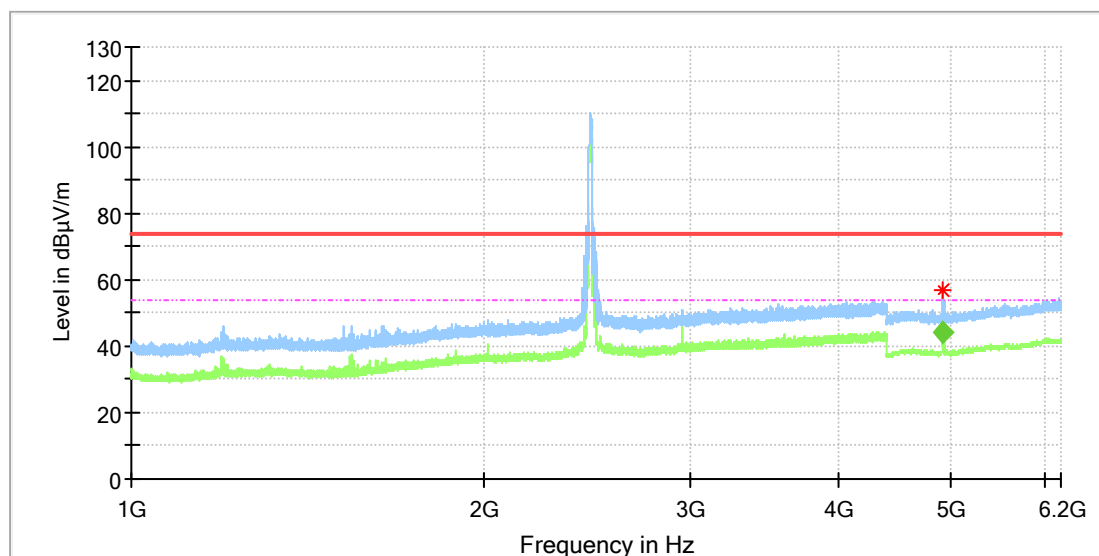
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4924.000000     | 57.80            | ---              | 74.00          | 16.20       | 100.0       | V   | 268.0         | 11.8         |

## Final\_Result

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4923.769444     | 43.67            | 54.00          | 10.33       | 100.0       | V   | 266.0         | 11.8         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

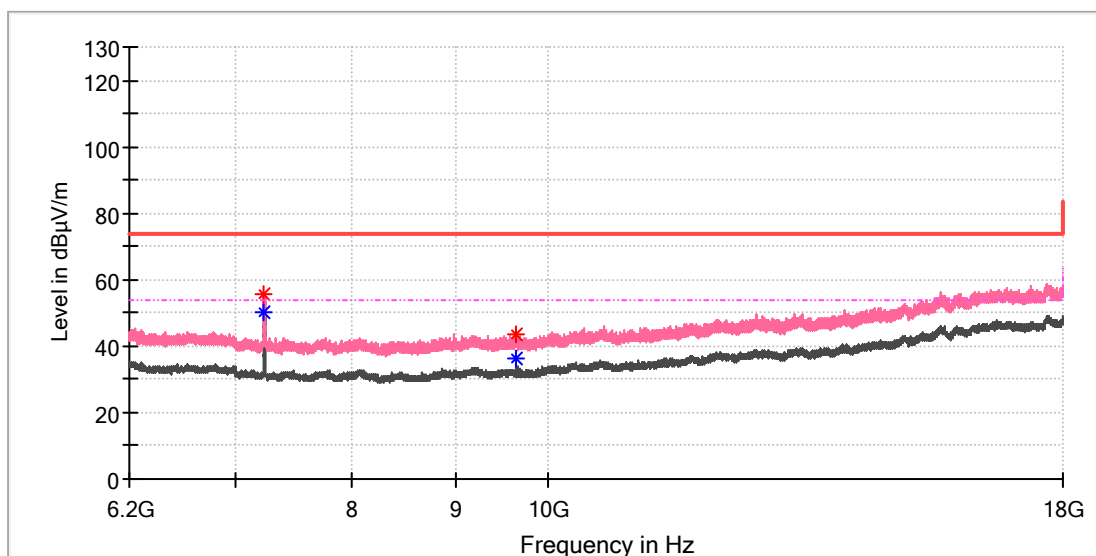
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4923.500000     | 56.91            | ---              | 74.00          | 17.09       | 100.0       | H   | 228.0         | 11.8         |

## Final\_Result

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4923.738889     | 44.01            | 54.00          | 9.99        | 105.0       | H   | 226.0         | 11.8         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Low channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



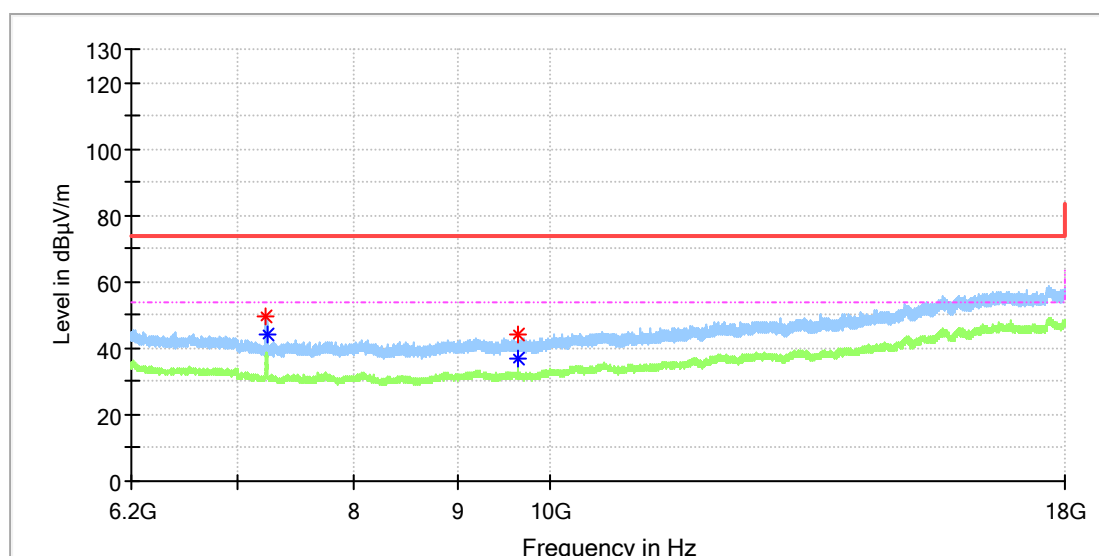
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7233.975000     | 55.64            | ---              | 74.00          | 18.36       | 100.0       | V   | 31.0          | 8.6          |
| 7234.466667     | ---              | 50.27            | 54.00          | 3.73        | 100.0       | V   | 153.0         | 8.6          |
| 9647.075000     | ---              | 36.57            | 54.00          | 17.43       | 100.0       | V   | 337.0         | 10.4         |
| 9647.566667     | 43.59            | ---              | 74.00          | 30.41       | 100.0       | V   | 337.0         | 10.4         |



## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Low channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

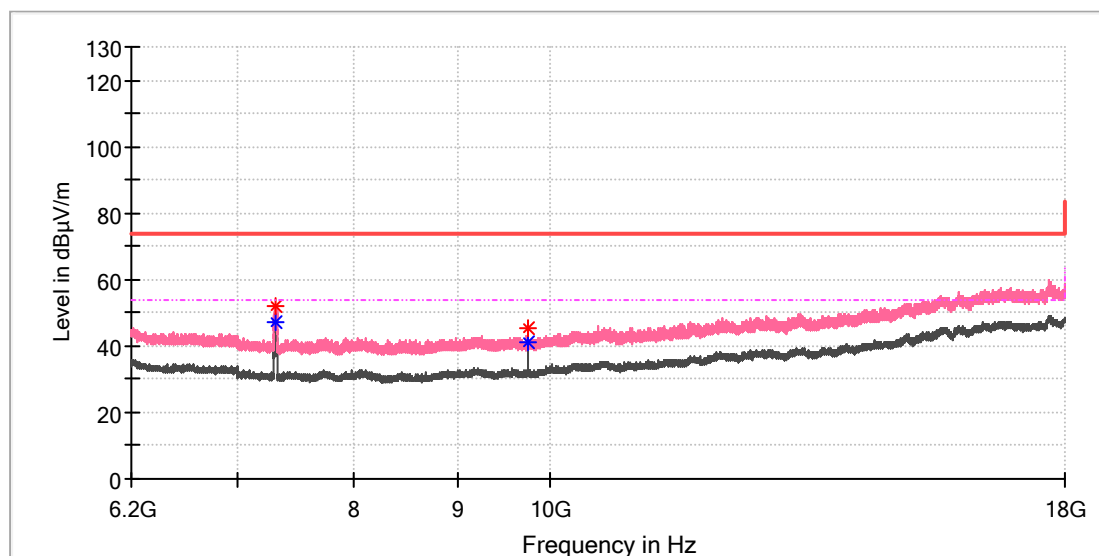


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7233.975000     | 49.79            | ---              | 74.00          | 24.21       | 100.0       | H   | 0.0           | 8.6          |
| 7236.433333     | ---              | 44.03            | 54.00          | 9.97        | 100.0       | H   | 4.0           | 8.6          |
| 9647.075000     | 43.87            | ---              | 74.00          | 30.13       | 100.0       | H   | 245.0         | 10.4         |
| 9647.566667     | ---              | 37.13            | 54.00          | 16.87       | 100.0       | H   | 245.0         | 10.4         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Mid channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

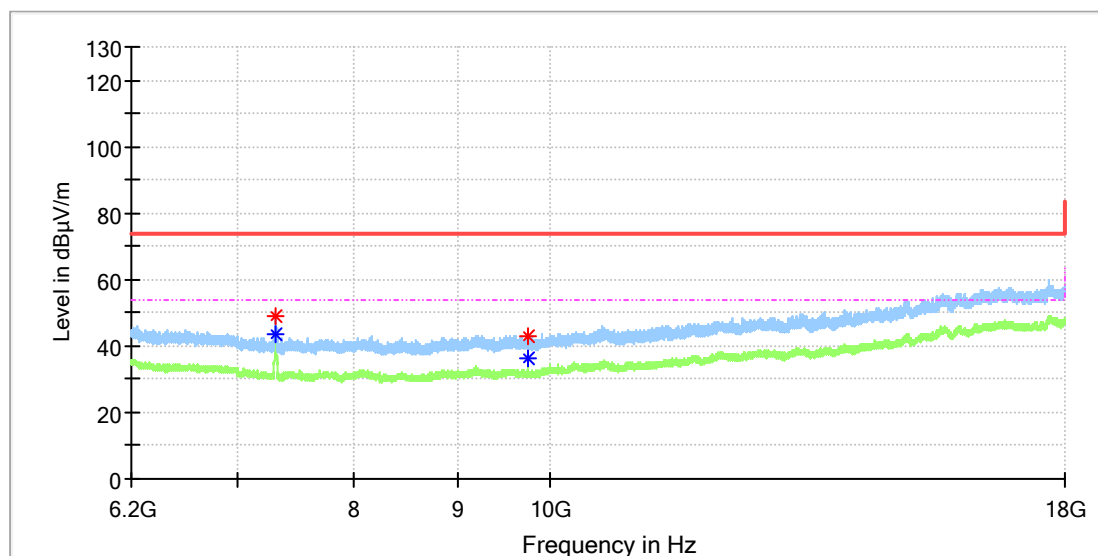


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7301.825000     | 51.99            | ---              | 74.00          | 22.01       | 100.0       | V   | 40.0          | 8.3          |
| 7313.133333     | ---              | 47.42            | 54.00          | 6.58        | 100.0       | V   | 40.0          | 8.2          |
| 9747.375000     | 45.32            | ---              | 74.00          | 28.68       | 100.0       | V   | 27.0          | 10.4         |
| 9747.375000     | ---              | 40.82            | 54.00          | 13.18       | 100.0       | V   | 27.0          | 10.4         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Mid channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

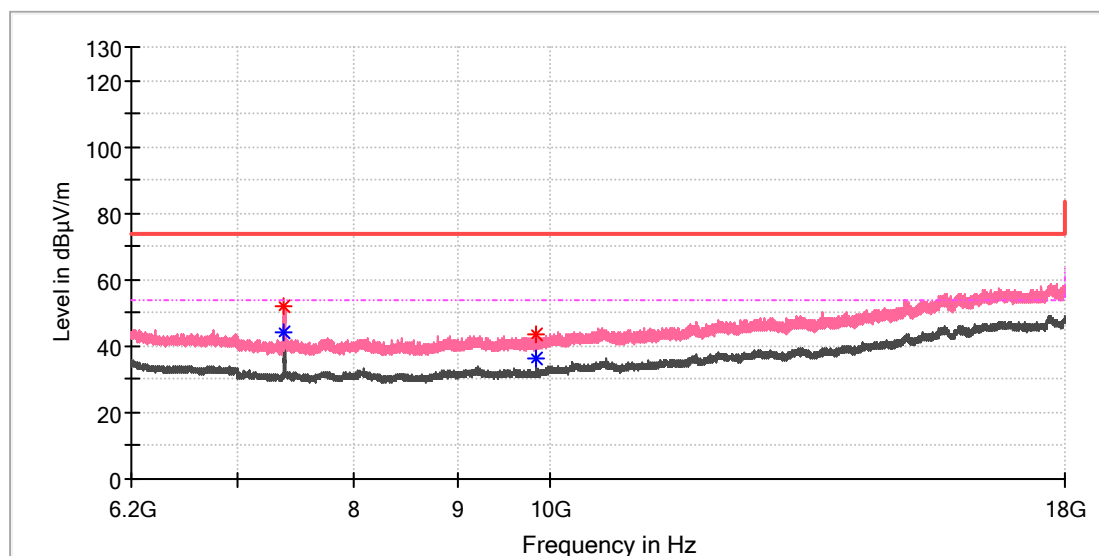


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7309.691667     | 48.96            | ---              | 74.00          | 25.04       | 100.0       | H   | 110.0         | 8.2          |
| 7309.691667     | ---              | 43.80            | 54.00          | 10.20       | 100.0       | H   | 110.0         | 8.2          |
| 9747.375000     | ---              | 36.11            | 54.00          | 17.89       | 100.0       | H   | 267.0         | 10.4         |
| 9747.866667     | 42.88            | ---              | 74.00          | 31.12       | 100.0       | H   | 267.0         | 10.4         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

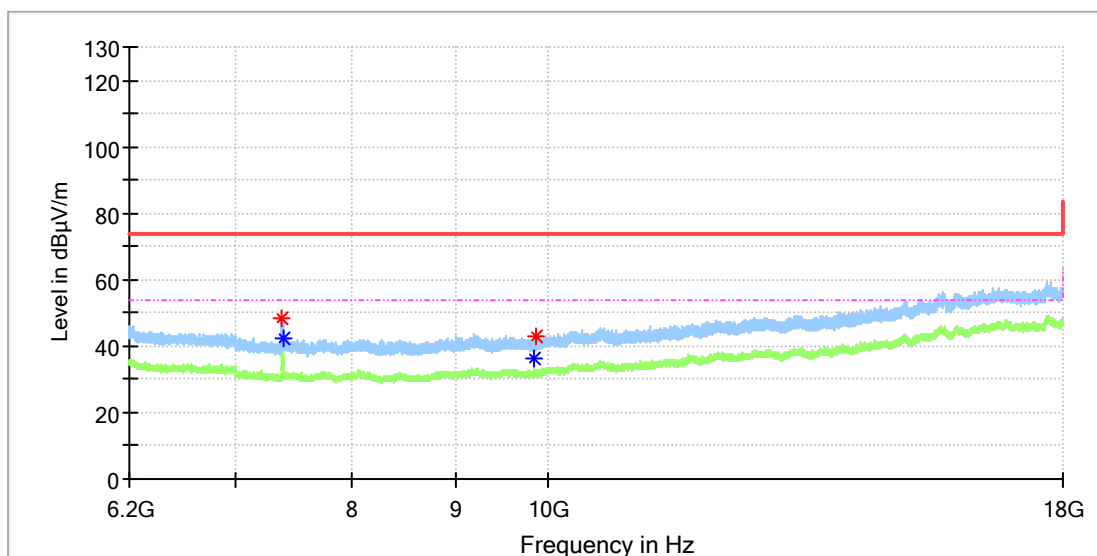


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7384.425000     | 51.86            | ---              | 74.00          | 22.14       | 100.0       | V   | 34.0          | 8.2          |
| 7384.916667     | ---              | 44.28            | 54.00          | 9.72        | 100.0       | V   | 34.0          | 8.2          |
| 9846.691667     | 43.27            | ---              | 74.00          | 30.73       | 100.0       | V   | 19.0          | 10.6         |
| 9847.183333     | ---              | 36.39            | 54.00          | 17.61       | 100.0       | V   | 19.0          | 10.6         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



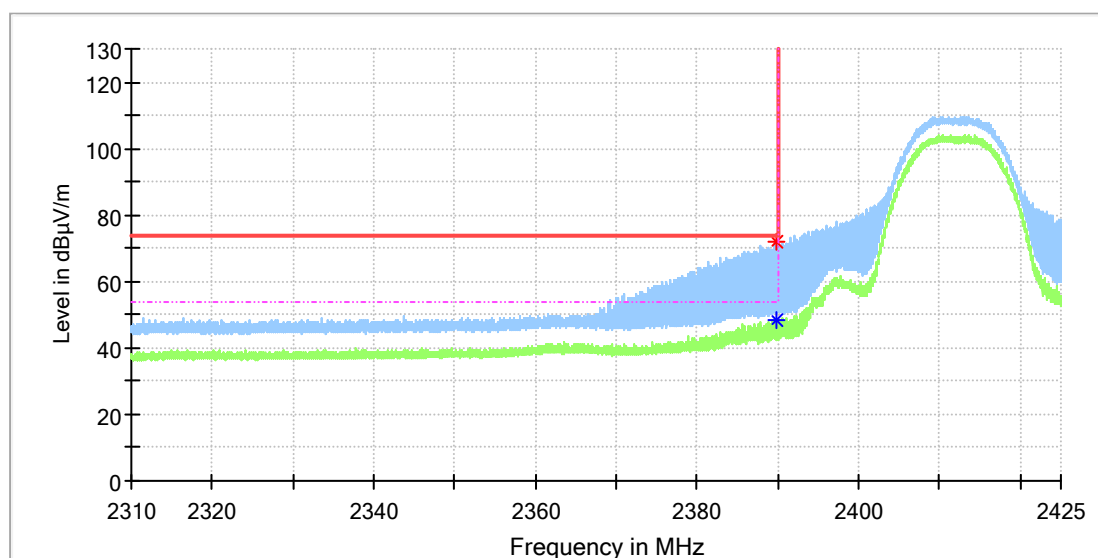
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7383.441667     | 48.20            | ---              | 74.00          | 25.80       | 100.0       | H   | 108.0         | 8.2          |
| 7387.866667     | ---              | 42.25            | 54.00          | 11.75       | 100.0       | H   | 122.0         | 8.2          |
| 9847.675000     | ---              | 36.43            | 54.00          | 17.57       | 100.0       | H   | 252.0         | 10.6         |
| 9854.558333     | 42.94            | ---              | 74.00          | 31.06       | 100.0       | H   | 94.0          | 10.6         |

## Appendix B.6: Test Results of Radiated Emissions in Restricted Bands Wi-Fi 802.11 b mode, 1 Mbps

### EUT Information

|                |                           |
|----------------|---------------------------|
| EUT Name:      | LeapPad Academy           |
| Model:         | 6022                      |
| Test Mode:     | WIFI 2.4G_11b_Low channel |
| Test Voltage:: | Battery                   |
| Remark:        | Temp 23 Humi:51%          |
| Test Standard: | FCC 15.247                |
| Tested By:     | Kei Zhang                 |
| Reviewed By:   | Terry Yin                 |

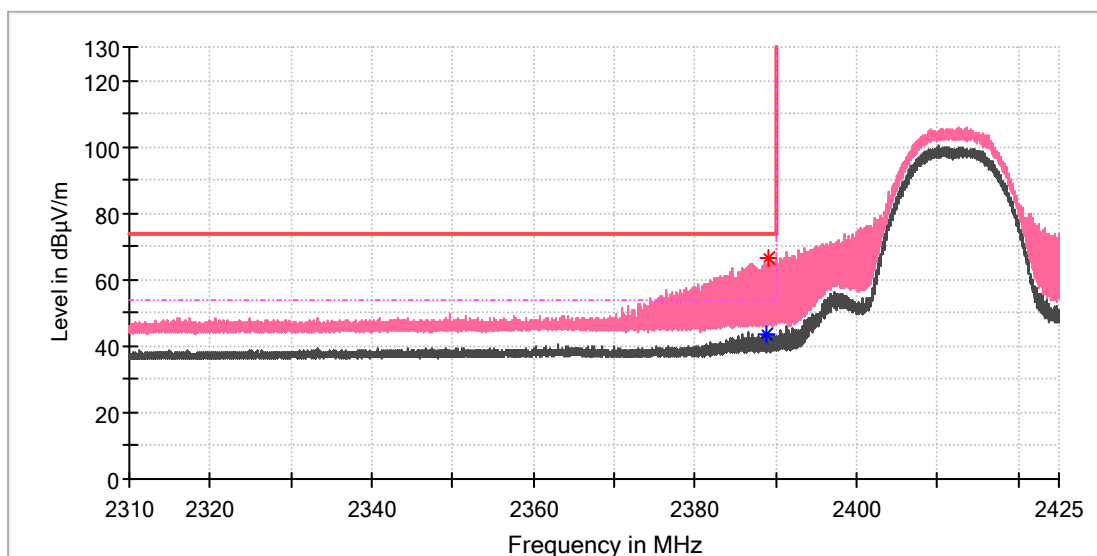


### Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.751250     | 71.99            | ---              | 74.00          | 2.01        | 100.0       | H   | 27.0          | 7.0          |
| 2389.751250     | ---              | 48.66            | 54.00          | 5.34        | 100.0       | H   | 27.0          | 7.0          |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_Low channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

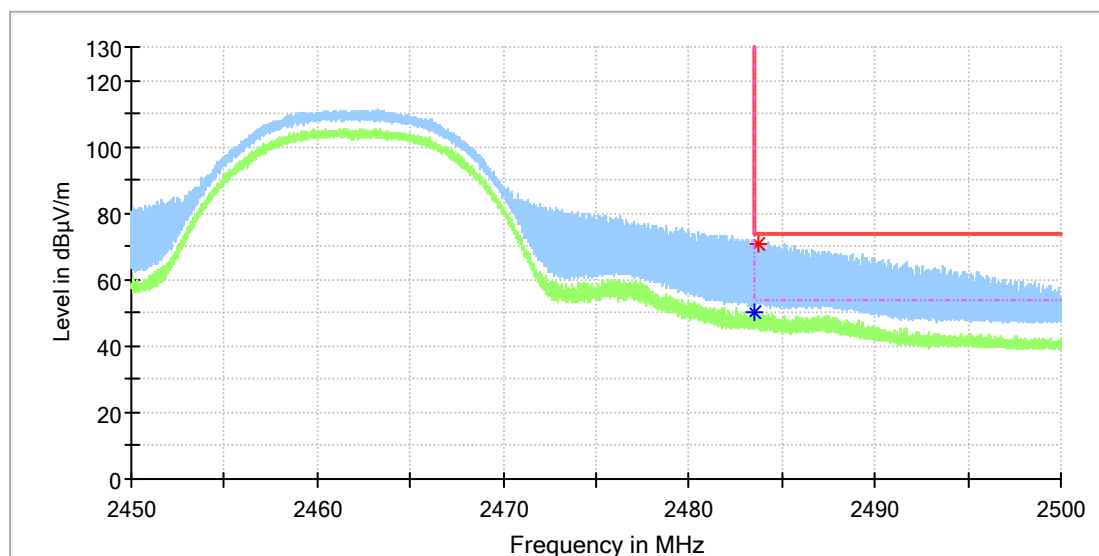


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.890000     | ---              | 43.36            | 54.00          | 10.64       | 100.0       | V   | 235.0         | 7.0          |
| 2389.114250     | 66.24            | ---              | 74.00          | 7.76        | 100.0       | V   | 271.0         | 7.0          |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11b\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



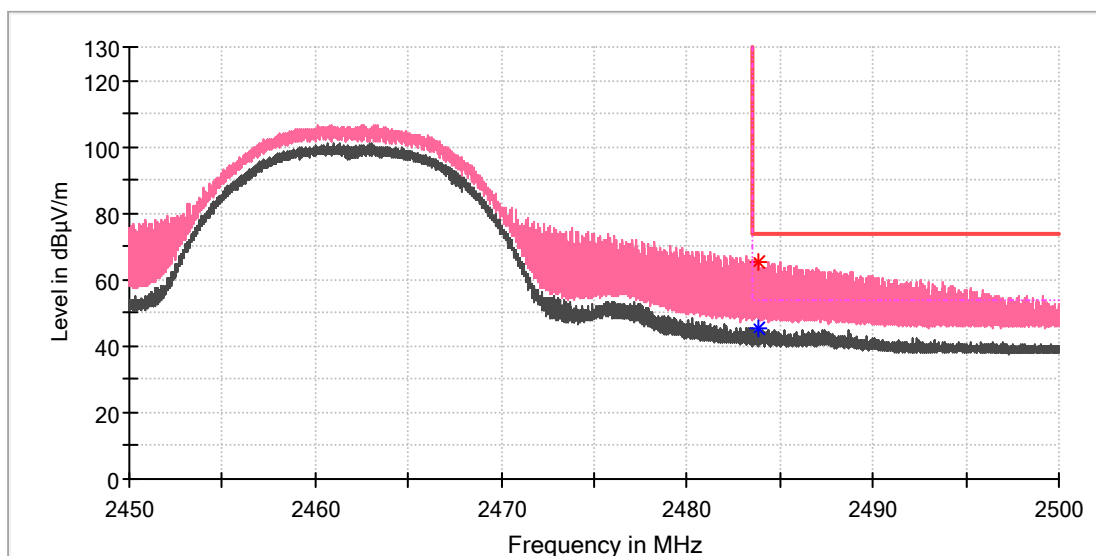
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.557500     | ---              | 50.07            | 54.00          | 3.93        | 100.0       | H   | 179.0         | 7.4          |
| 2483.705000     | 70.99            | ---              | 74.00          | 3.01        | 100.0       | H   | 36.0          | 7.4          |



## EUT Information

|                |                            |
|----------------|----------------------------|
| EUT Name:      | LeapPad Academy            |
| Model:         | 6022                       |
| Test Mode:     | WIFI 2.4G_11b_High channel |
| Test Voltage:: | Battery                    |
| Remark:        | Temp 23 Humi:51%           |
| Test Standard: | FCC 15.247                 |
| Tested By:     | Kei Zhang                  |
| Reviewed By:   | Terry Yin                  |



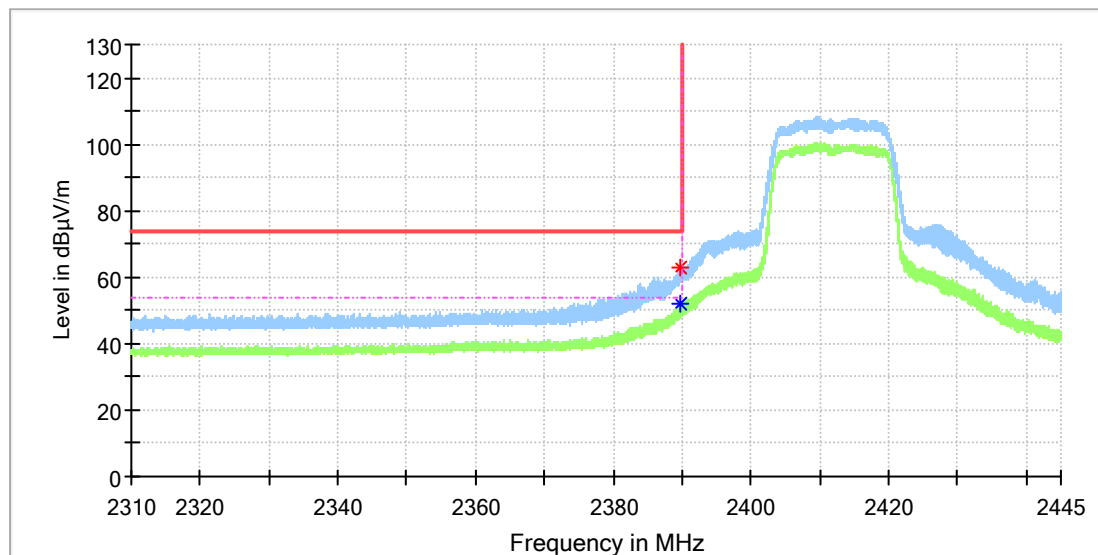
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.842500     | ---              | 45.26            | 54.00          | 8.74        | 100.0       | V   | 243.0         | 7.4          |
| 2483.842500     | 65.45            | ---              | 74.00          | 8.55        | 100.0       | V   | 243.0         | 7.4          |

## Wi-Fi 802.11 g mode, 6 Mbps

### EUT Information

|                |                           |
|----------------|---------------------------|
| EUT Name:      | LeapPad Academy           |
| Model:         | 6022                      |
| Test Mode:     | WIFI 2.4G_11g_Low channel |
| Test Voltage:: | Battery                   |
| Remark:        | Temp 23 Humi:51%          |
| Test Standard: | FCC 15.247                |
| Tested By:     | Kei Zhang                 |
| Reviewed By:   | Terry Yin                 |

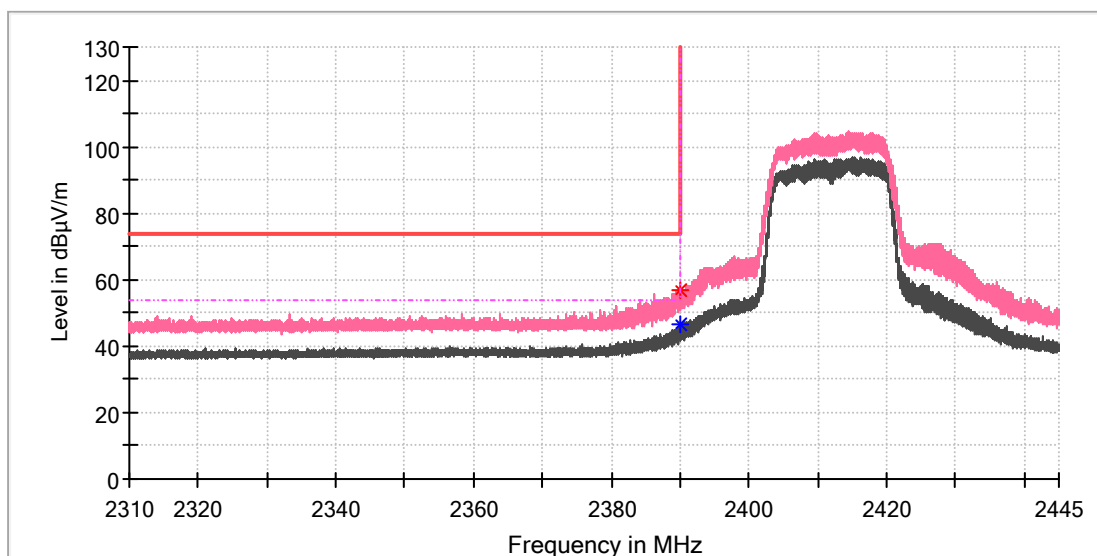


### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.764750     | 62.75            | ---              | 74.00          | 11.25       | 100.0       | H   | 291.0         | 7.0          |
| 2389.818750     | ---              | 51.99            | 54.00          | 2.01        | 100.0       | H   | 4.0           | 7.0          |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11g\_Low channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

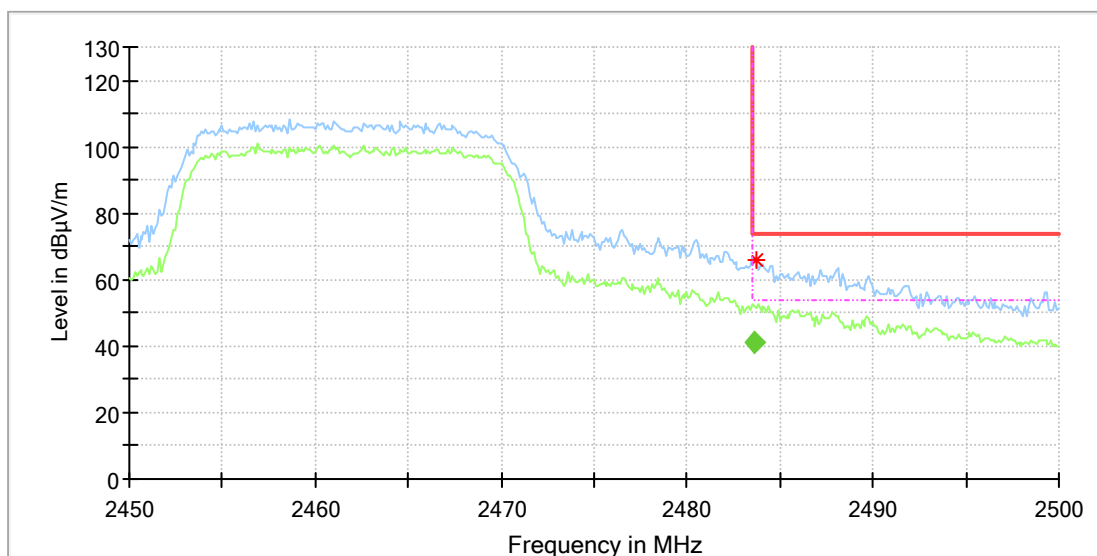


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.872750     | 56.90            | ---              | 74.00          | 17.10       | 100.0       | V   | 234.0         | 7.0          |
| 2389.974000     | ---              | 46.73            | 54.00          | 7.27        | 100.0       | V   | 295.0         | 7.0          |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11g\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

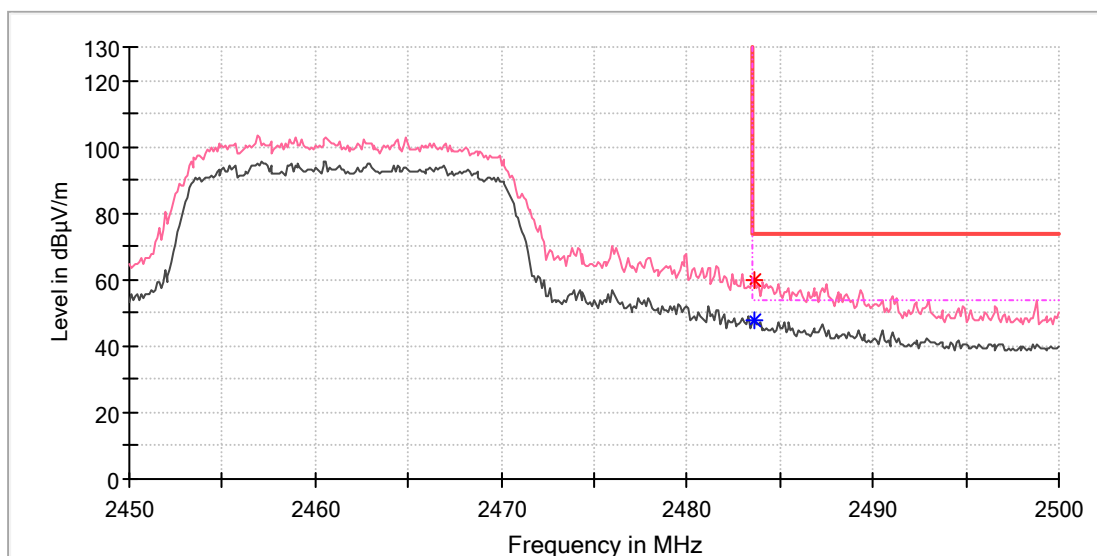
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.700000     | 65.98            | ---              | 74.00          | 8.02        | 100.0       | H   | 297.0         | 7.4          |

## Final Result

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.593500     | 41.17            | 54.00          | 12.83       | 100.0       | H   | 193.0         | 7.4          |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11g\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



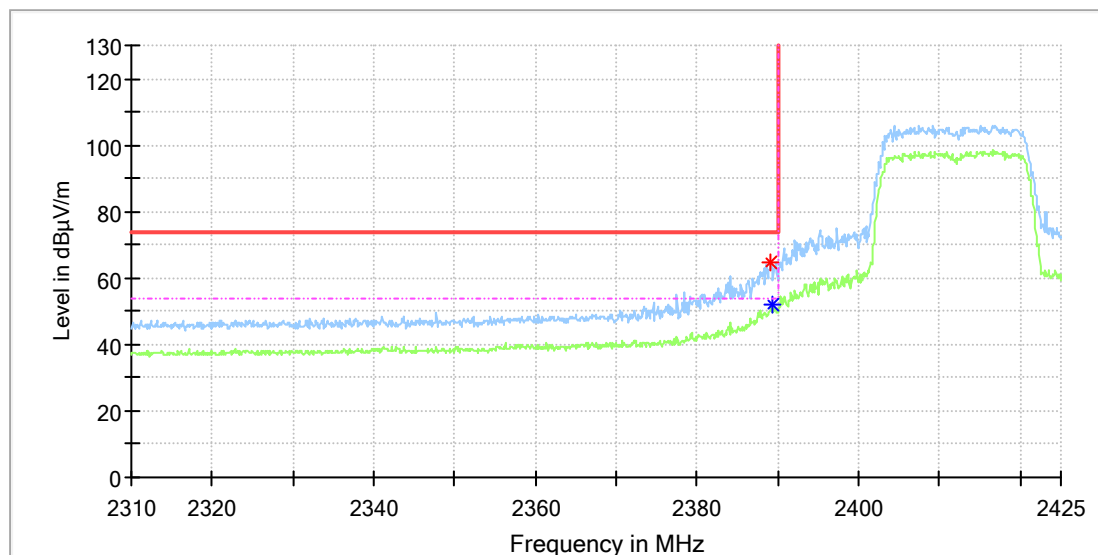
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.600000     | 60.06            | ---              | 74.00          | 13.94       | 100.0       | V   | 241.0         | 7.4          |
| 2483.600000     | ---              | 47.83            | 54.00          | 6.17        | 100.0       | V   | 241.0         | 7.4          |

## Wi-Fi 802.11 n(HT20) mode, MCS0

### EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11n20\_Low channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

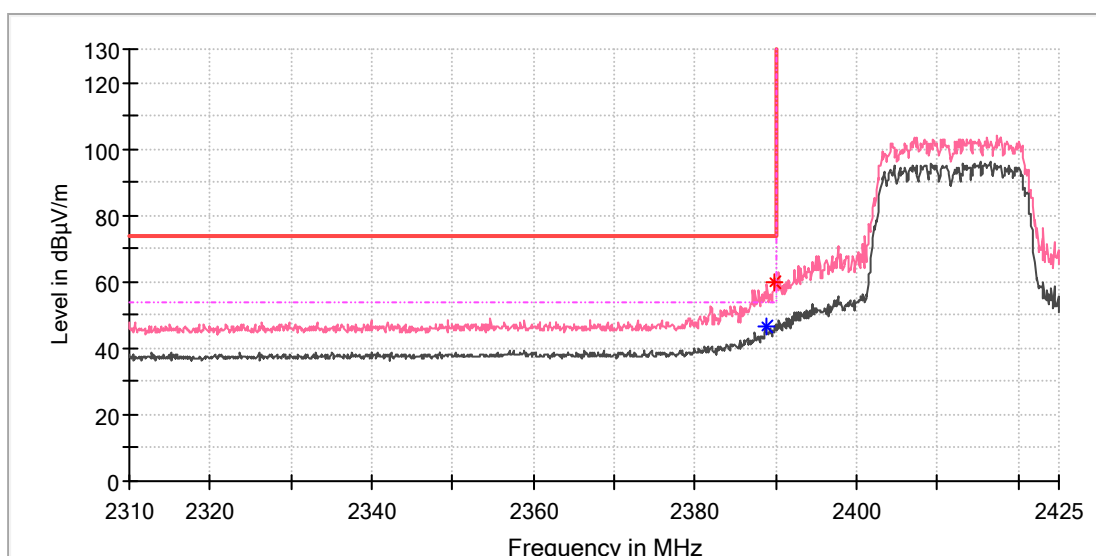


### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.100000     | 64.70            | ---              | 74.00          | 9.30        | 100.0       | H   | 39.0          | 7.0          |
| 2389.300000     | ---              | 51.83            | 54.00          | 2.17        | 100.0       | H   | 21.0          | 7.0          |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11n20\_Low channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

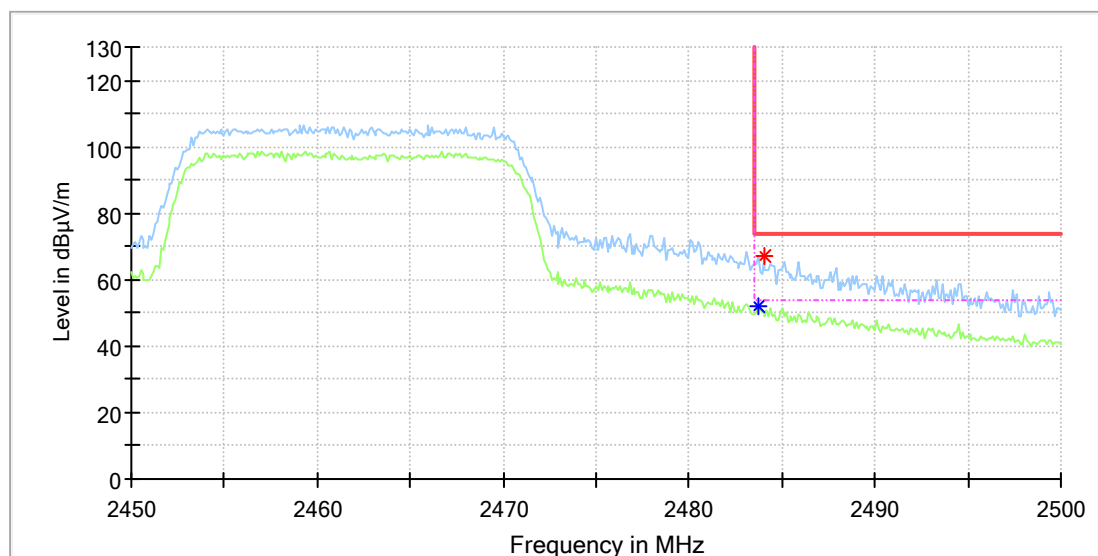


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.700000     | ---              | 46.74            | 54.00          | 7.26        | 100.0       | V   | 238.0         | 7.0          |
| 2389.800000     | 59.98            | ---              | 74.00          | 14.02       | 100.0       | V   | 305.0         | 7.0          |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11n20\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



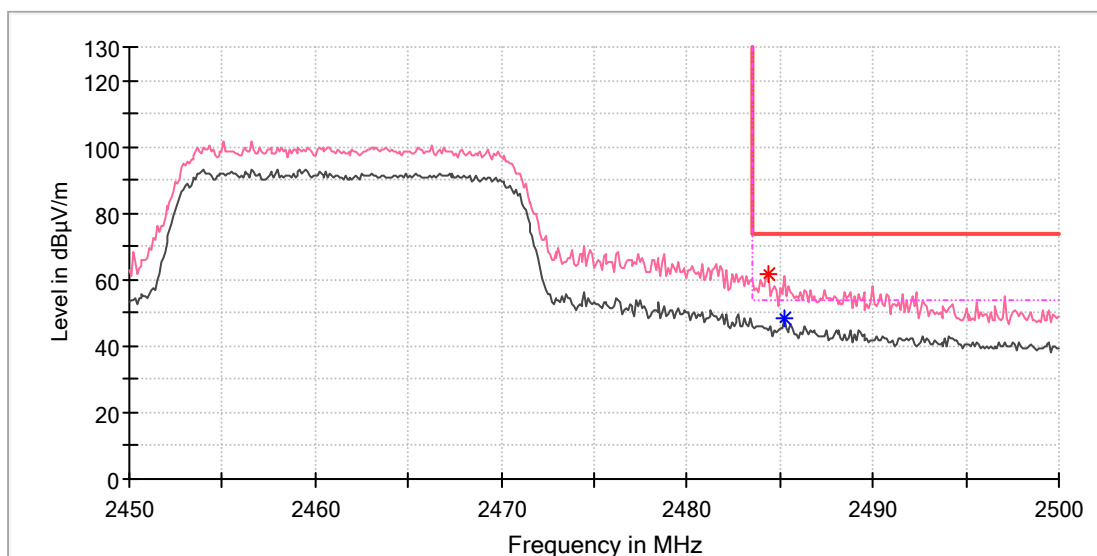
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.700000     | ---              | 51.89            | 54.00          | 2.11        | 100.0       | H   | 297.0         | 7.4          |
| 2484.000000     | 66.84            | ---              | 74.00          | 7.16        | 100.0       | H   | 189.0         | 7.4          |



## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: WIFI 2.4G\_11n20\_High channel  
Test Voltage:: Battery  
Remark: Temp 23 Humi:51%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

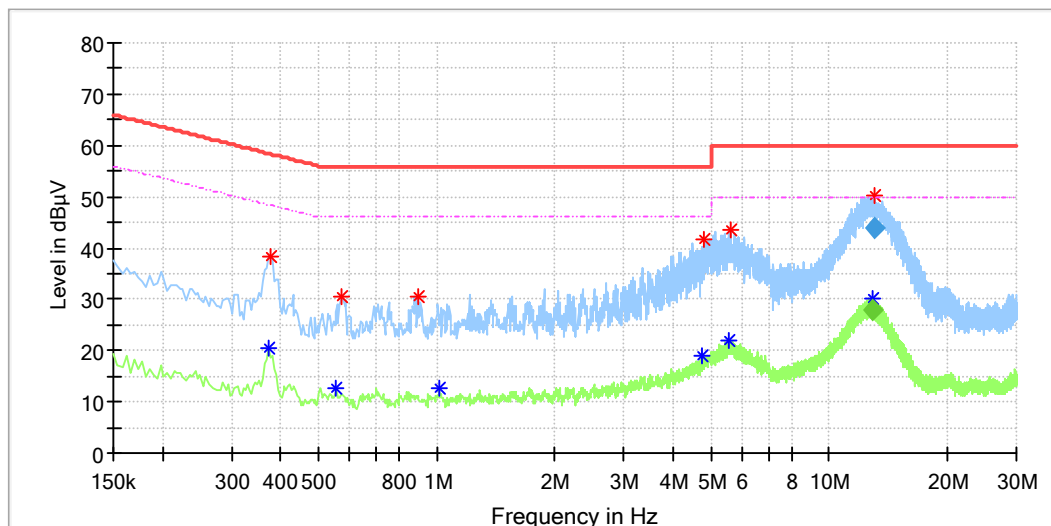
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.400000     | 61.42            | ---              | 74.00          | 12.58       | 100.0       | V   | 261.0         | 7.4          |
| 2485.200000     | ---              | 48.26            | 54.00          | 5.74        | 100.0       | V   | 240.0         | 7.4          |

## Appendix B.7: Test Results of Conducted Emission on AC Mains

Wi-Fi 802.11 b/g/n connecting mode

### EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test mode: WIFI ON  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: SR2



### Critical\_Freqs

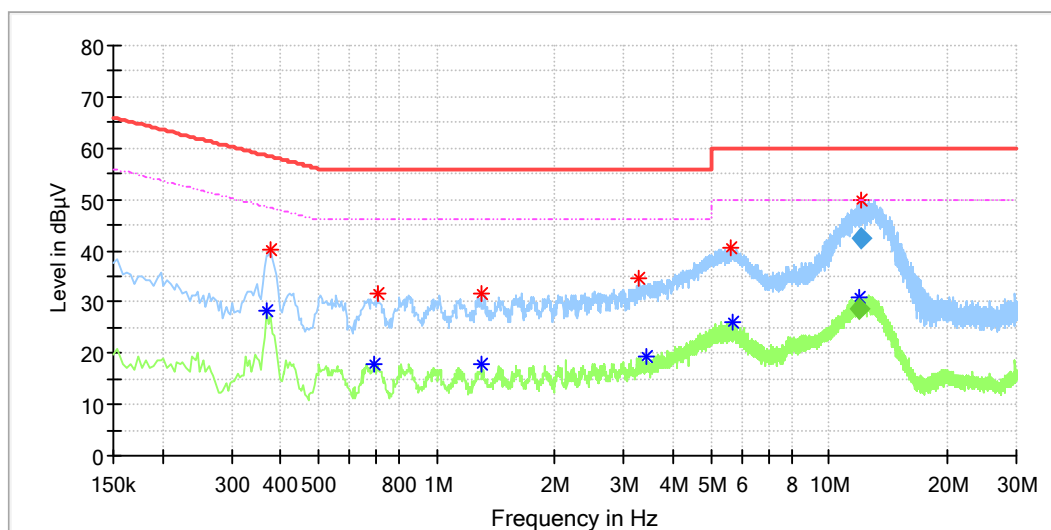
| Frequency (MHz) | MaxPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.374000        | ---            | 20.31          | 48.41        | 28.10       | L1   | 9.9        |
| 0.378000        | 38.32          | ---            | 58.32        | 20.00       | L1   | 9.9        |
| 0.554000        | ---            | 12.65          | 46.00        | 33.35       | L1   | 10.0       |
| 0.574000        | 30.36          | ---            | 56.00        | 25.64       | L1   | 10.0       |
| 0.898000        | 30.61          | ---            | 56.00        | 25.39       | L1   | 10.0       |
| 1.014000        | ---            | 12.80          | 46.00        | 33.20       | L1   | 10.0       |
| 4.758000        | ---            | 18.93          | 46.00        | 27.07       | L1   | 10.2       |
| 4.822000        | 41.73          | ---            | 56.00        | 14.27       | L1   | 10.2       |
| 5.570000        | ---            | 22.13          | 50.00        | 27.87       | L1   | 10.3       |
| 5.622000        | 43.43          | ---            | 60.00        | 16.57       | L1   | 10.3       |
| 12.925500       | ---            | 30.04          | 50.00        | 19.96       | L1   | 10.4       |
| 12.989500       | 50.05          | ---            | 60.00        | 9.95        | L1   | 10.4       |

### Final\_Result

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 12.925500       | ---              | 27.93          | 50.00        | 22.07       | 200.0           | 9.000           | L1   | 10.4       |
| 12.989500       | 43.75            | ---            | 60.00        | 16.25       | 200.0           | 9.000           | L1   | 10.4       |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test mode: WIFI ON  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: SR2



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.370000        | ---            | 28.15          | 48.50        | 20.35       | N    | 9.8        |
| 0.378000        | 40.14          | ---            | 58.32        | 18.18       | N    | 9.8        |
| 0.690000        | ---            | 17.95          | 46.00        | 28.05       | N    | 9.8        |
| 0.706000        | 31.53          | ---            | 56.00        | 24.47       | N    | 9.8        |
| 1.298000        | 31.57          | ---            | 56.00        | 24.43       | N    | 9.8        |
| 1.302000        | ---            | 17.69          | 46.00        | 28.31       | N    | 9.8        |
| 3.286000        | 34.59          | ---            | 56.00        | 21.41       | N    | 9.9        |
| 3.434000        | ---            | 19.45          | 46.00        | 26.55       | N    | 9.9        |
| 5.622000        | 40.60          | ---            | 60.00        | 19.40       | N    | 9.9        |
| 5.682000        | ---            | 26.18          | 50.00        | 23.82       | N    | 9.9        |
| 11.989500       | ---            | 31.07          | 50.00        | 18.93       | N    | 10.1       |
| 12.009500       | 49.78          | ---            | 60.00        | 10.22       | N    | 10.1       |

## Final Result

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 11.989500       | ---              | 28.68          | 50.00        | 21.32       | 200.0           | 9.000           | N    | 10.1       |
| 12.009500       | 42.32            | ---            | 60.00        | 17.68       | 200.0           | 9.000           | N    | 10.1       |

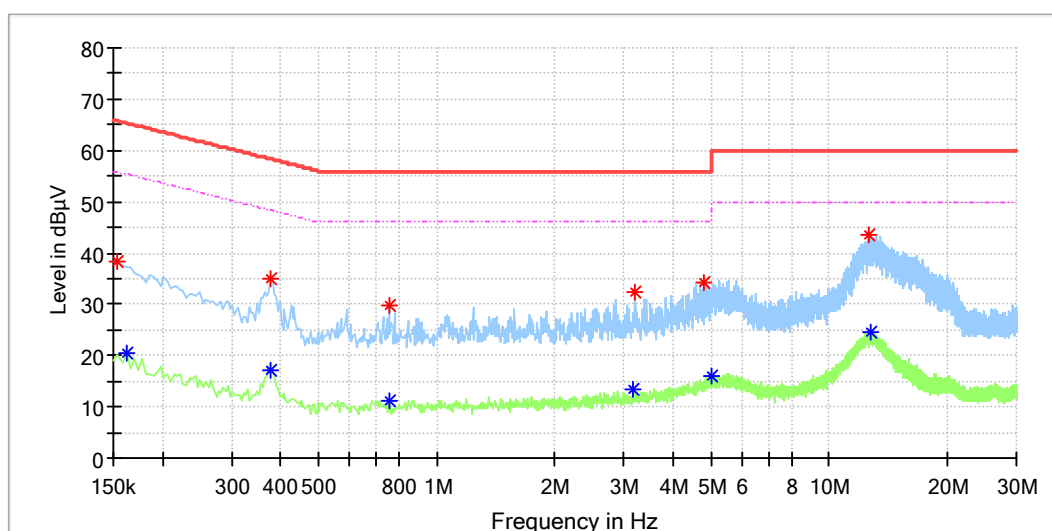
## **Appendix C: Test Results of FCC 15B & ICES-003**

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| <b>APPENDIX C: TEST RESULTS OF FCC 15B &amp; ICES-003.....</b>         | <b>1</b>  |
| <b>APPENDIX C.1: TEST PLOTS OF CONDUCTED EMISSION ON AC MAINS.....</b> | <b>2</b>  |
| <b>APPENDIX C.2: TEST PLOTS OF RADIATED EMISSION, BELOW 1GHz .....</b> | <b>8</b>  |
| <b>APPENDIX C.3: TEST PLOTS OF RADIATED EMISSION, ABOVE 1GHz.....</b>  | <b>16</b> |

## Appendix C.1: Test Plots of Conducted Emission on AC Mains

### EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test mode: Front camera+charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: SR2

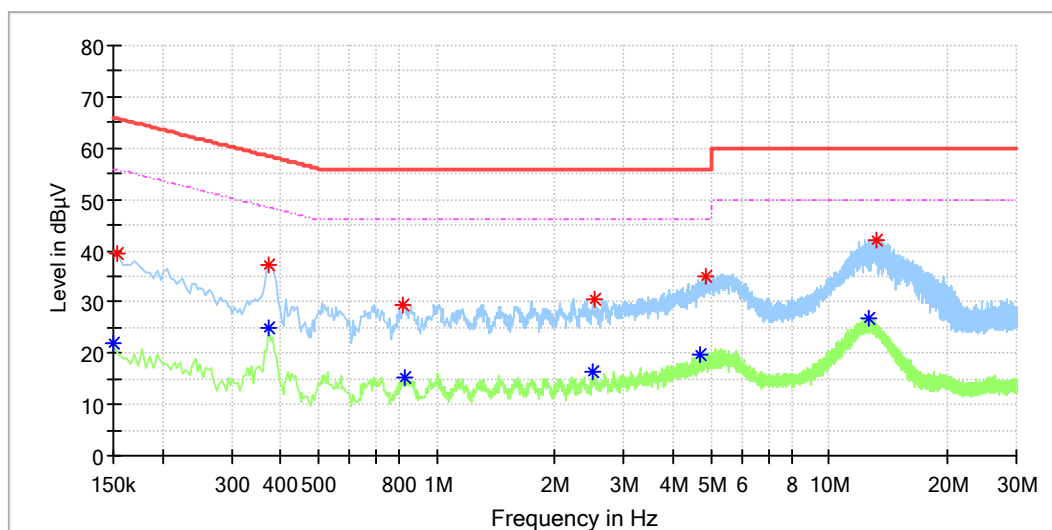


### Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.154000        | 38.50          | ---            | 65.78        | 27.28       | L1   | 9.9        |
| 0.162000        | ---            | 20.40          | 55.36        | 34.96       | L1   | 9.9        |
| 0.378000        | ---            | 17.29          | 48.32        | 31.03       | L1   | 9.9        |
| 0.378000        | 34.97          | ---            | 58.32        | 23.36       | L1   | 9.9        |
| 0.754000        | ---            | 11.09          | 46.00        | 34.91       | L1   | 10.0       |
| 0.754000        | 29.64          | ---            | 56.00        | 26.36       | L1   | 10.0       |
| 3.174000        | ---            | 13.42          | 46.00        | 32.58       | L1   | 10.2       |
| 3.190000        | 32.23          | ---            | 56.00        | 23.77       | L1   | 10.2       |
| 4.770000        | 34.27          | ---            | 56.00        | 21.73       | L1   | 10.2       |
| 5.006000        | ---            | 16.16          | 50.00        | 33.84       | L1   | 10.3       |
| 12.678000       | 43.44          | ---            | 60.00        | 16.56       | L1   | 10.4       |
| 12.690000       | ---            | 24.58          | 50.00        | 25.42       | L1   | 10.4       |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test mode: Front camera+charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: SR2

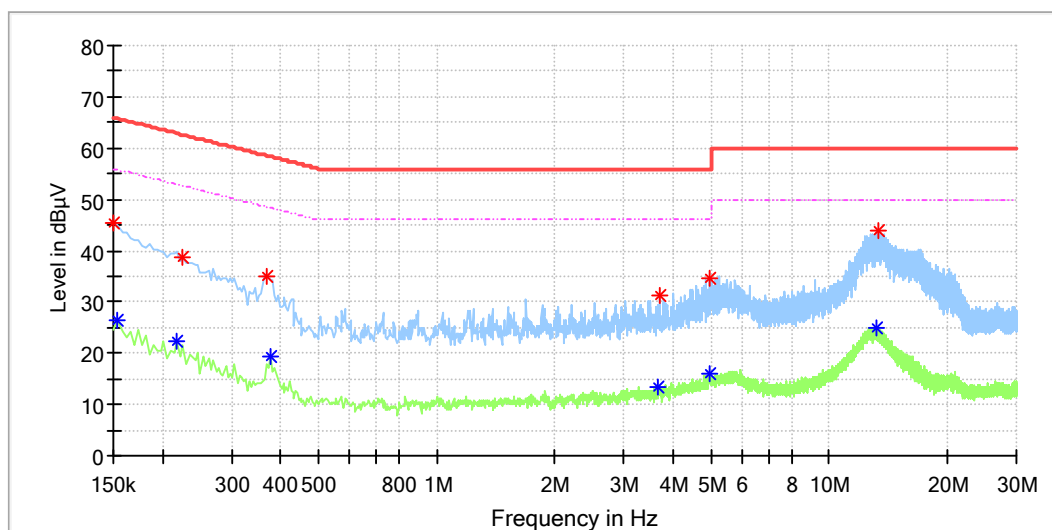


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.150000        | ---            | 22.07          | 56.00        | 33.93       | N    | 9.8        |
| 0.154000        | 39.36          | ---            | 65.78        | 26.42       | N    | 9.8        |
| 0.374000        | ---            | 24.97          | 48.41        | 23.44       | N    | 9.8        |
| 0.374000        | 37.23          | ---            | 58.41        | 21.18       | N    | 9.8        |
| 0.822000        | 29.52          | ---            | 56.00        | 26.48       | N    | 9.8        |
| 0.830000        | ---            | 15.34          | 46.00        | 30.66       | N    | 9.8        |
| 2.510000        | ---            | 16.29          | 46.00        | 29.71       | N    | 9.9        |
| 2.518000        | 30.68          | ---            | 56.00        | 25.32       | N    | 9.9        |
| 4.690000        | ---            | 19.69          | 46.00        | 26.31       | N    | 9.9        |
| 4.842000        | 34.84          | ---            | 56.00        | 21.16       | N    | 9.9        |
| 12.558000       | ---            | 26.80          | 50.00        | 23.20       | N    | 10.1       |
| 13.142000       | 42.17          | ---            | 60.00        | 17.83       | N    | 10.1       |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Model: Rear camera+charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: SR2

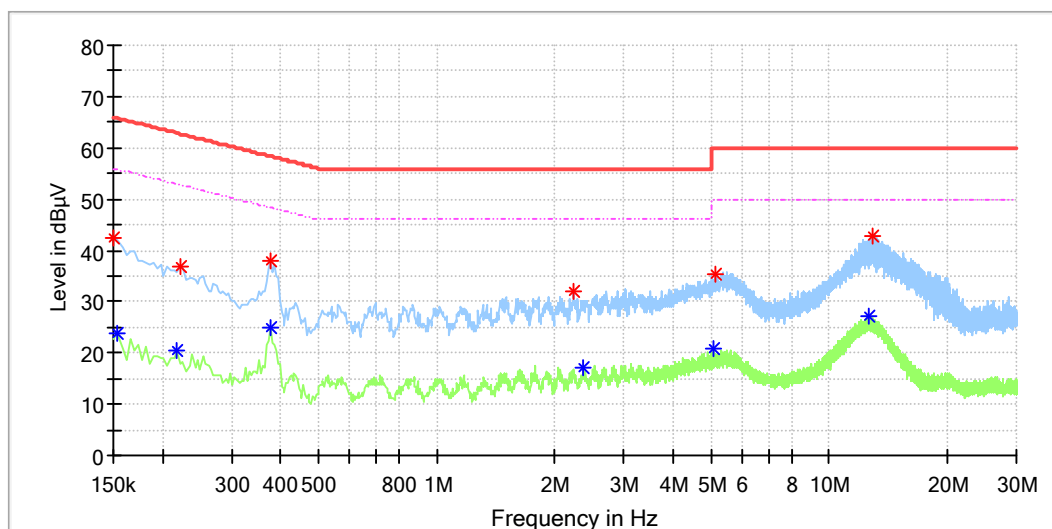


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.150000        | 45.54          | ---            | 66.00        | 20.46       | L1   | 9.9        |
| 0.154000        | ---            | 26.44          | 55.78        | 29.34       | L1   | 9.9        |
| 0.218000        | ---            | 22.38          | 52.90        | 30.52       | L1   | 9.9        |
| 0.226000        | 38.61          | ---            | 62.60        | 23.99       | L1   | 9.9        |
| 0.370000        | 34.89          | ---            | 58.50        | 23.61       | L1   | 9.9        |
| 0.378000        | ---            | 19.46          | 48.32        | 28.86       | L1   | 9.9        |
| 3.670000        | ---            | 13.26          | 46.00        | 32.74       | L1   | 10.2       |
| 3.694000        | 31.16          | ---            | 56.00        | 24.84       | L1   | 10.2       |
| 4.934000        | ---            | 15.88          | 46.00        | 30.12       | L1   | 10.2       |
| 4.966000        | 34.62          | ---            | 56.00        | 21.38       | L1   | 10.2       |
| 13.142000       | ---            | 24.99          | 50.00        | 25.01       | L1   | 10.4       |
| 13.290000       | 43.80          | ---            | 60.00        | 16.20       | L1   | 10.4       |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Model: Rear camera+charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: SR2



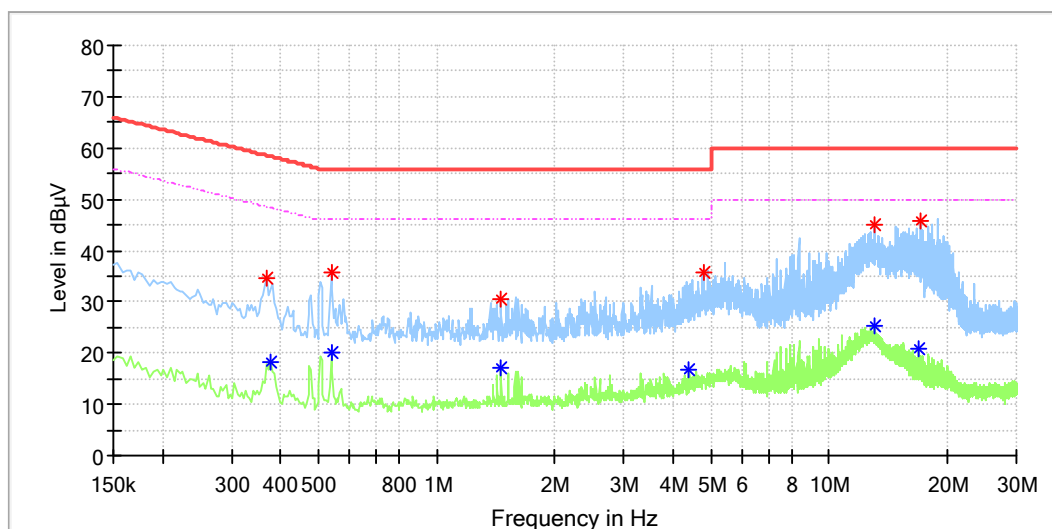
## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.150000        | 42.59          | ---            | 66.00        | 23.41       | N    | 9.8        |
| 0.154000        | ---            | 23.64          | 55.78        | 32.14       | N    | 9.8        |
| 0.218000        | ---            | 20.34          | 52.90        | 32.56       | N    | 9.8        |
| 0.222000        | 36.86          | ---            | 62.74        | 25.89       | N    | 9.8        |
| 0.378000        | ---            | 24.85          | 48.32        | 23.47       | N    | 9.8        |
| 0.378000        | 37.83          | ---            | 58.32        | 20.49       | N    | 9.8        |
| 2.234000        | 31.97          | ---            | 56.00        | 24.03       | N    | 9.9        |
| 2.362000        | ---            | 17.17          | 46.00        | 28.83       | N    | 9.9        |
| 5.098000        | ---            | 20.90          | 50.00        | 29.10       | N    | 9.9        |
| 5.130000        | 35.30          | ---            | 60.00        | 24.70       | N    | 9.9        |
| 12.594000       | ---            | 26.98          | 50.00        | 23.02       | N    | 10.1       |
| 12.862000       | 42.85          | ---            | 60.00        | 17.15       | N    | 10.1       |



## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test mode: Video play+Charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: SR2

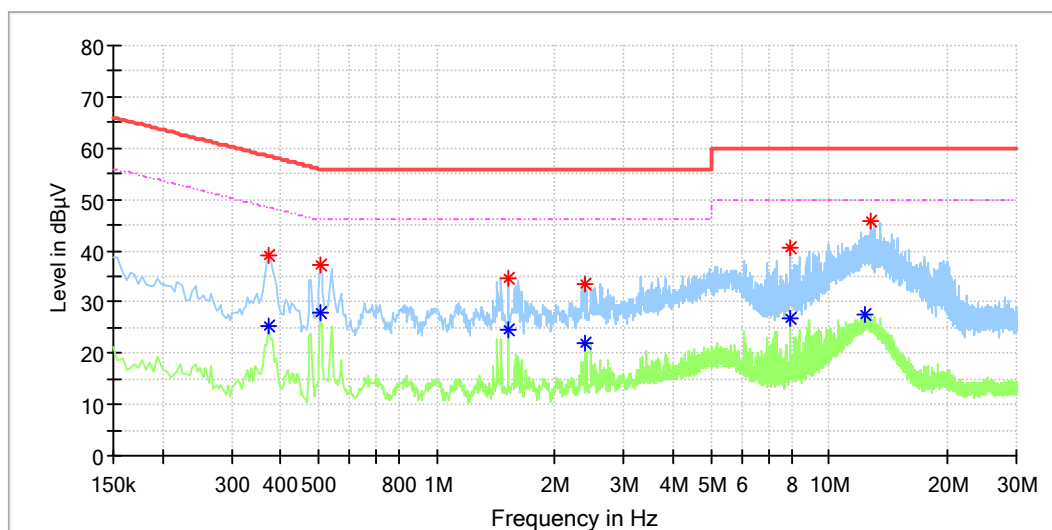


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.370000        | 34.56          | ---            | 58.50        | 23.94       | L1   | 9.9        |
| 0.378000        | ---            | 18.28          | 48.32        | 30.04       | L1   | 9.9        |
| 0.538000        | 35.70          | ---            | 56.00        | 20.30       | L1   | 10.0       |
| 0.538000        | ---            | 20.12          | 46.00        | 25.88       | L1   | 10.0       |
| 1.458000        | 30.69          | ---            | 56.00        | 25.31       | L1   | 10.1       |
| 1.458000        | ---            | 17.07          | 46.00        | 28.93       | L1   | 10.1       |
| 4.406000        | ---            | 16.57          | 46.00        | 29.43       | L1   | 10.2       |
| 4.770000        | 35.74          | ---            | 56.00        | 20.26       | L1   | 10.2       |
| 13.094000       | 45.10          | ---            | 60.00        | 14.90       | L1   | 10.4       |
| 13.094000       | ---            | 25.33          | 50.00        | 24.67       | L1   | 10.4       |
| 16.826000       | ---            | 20.83          | 50.00        | 29.17       | L1   | 10.4       |
| 17.154000       | 45.70          | ---            | 60.00        | 14.30       | L1   | 10.4       |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test mode: Video play+Charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: SR2



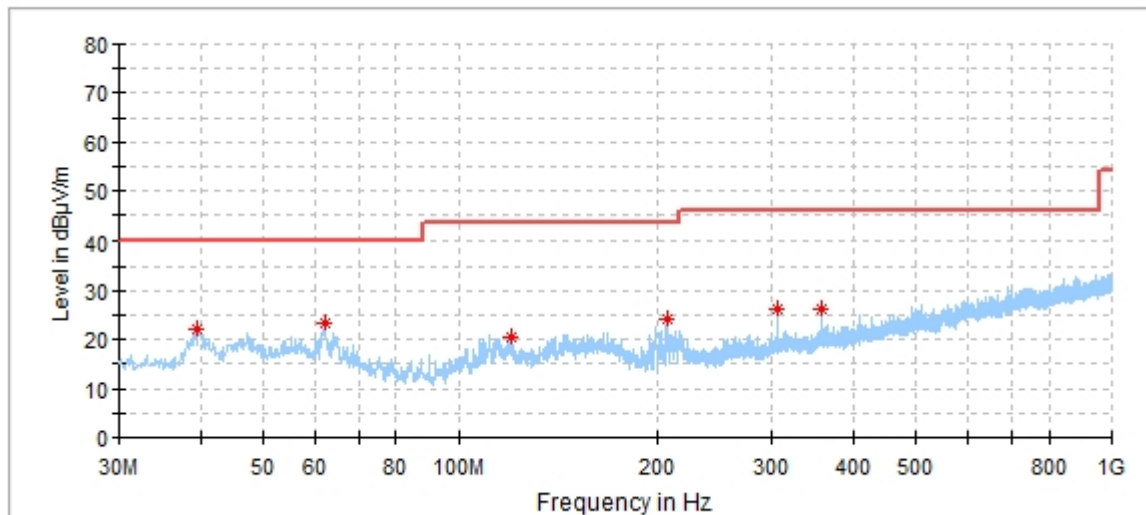
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.374000        | 39.07          | ---            | 58.41        | 19.34       | N    | 9.8        |
| 0.374000        | ---            | 25.40          | 48.41        | 23.01       | N    | 9.8        |
| 0.506000        | 37.15          | ---            | 56.00        | 18.85       | N    | 9.8        |
| 0.506000        | ---            | 27.82          | 46.00        | 18.18       | N    | 9.8        |
| 1.522000        | 34.79          | ---            | 56.00        | 21.21       | N    | 9.8        |
| 1.522000        | ---            | 24.54          | 46.00        | 21.46       | N    | 9.8        |
| 2.378000        | ---            | 22.04          | 46.00        | 23.96       | N    | 9.9        |
| 2.378000        | 33.45          | ---            | 56.00        | 22.55       | N    | 9.9        |
| 7.962000        | ---            | 26.92          | 50.00        | 23.08       | N    | 10.0       |
| 7.962000        | 40.47          | ---            | 60.00        | 19.53       | N    | 10.0       |
| 12.370000       | ---            | 27.45          | 50.00        | 22.55       | N    | 10.1       |
| 12.778000       | 45.84          | ---            | 60.00        | 14.16       | N    | 10.1       |

## Appendix C.2: Test Plots of Radiated Emission, Below 1GHz

### EUT Information

|               |                         |
|---------------|-------------------------|
| EUT Name:     | LeapPad Academy         |
| Model         | 6022                    |
| Test Mode:    | Front camera + charging |
| Test Voltage: | AC 120V/60Hz            |
| Test By:      | Mac Xie                 |
| Review By:    | Gary Chen               |
| Remark:       | 3m Chamber              |

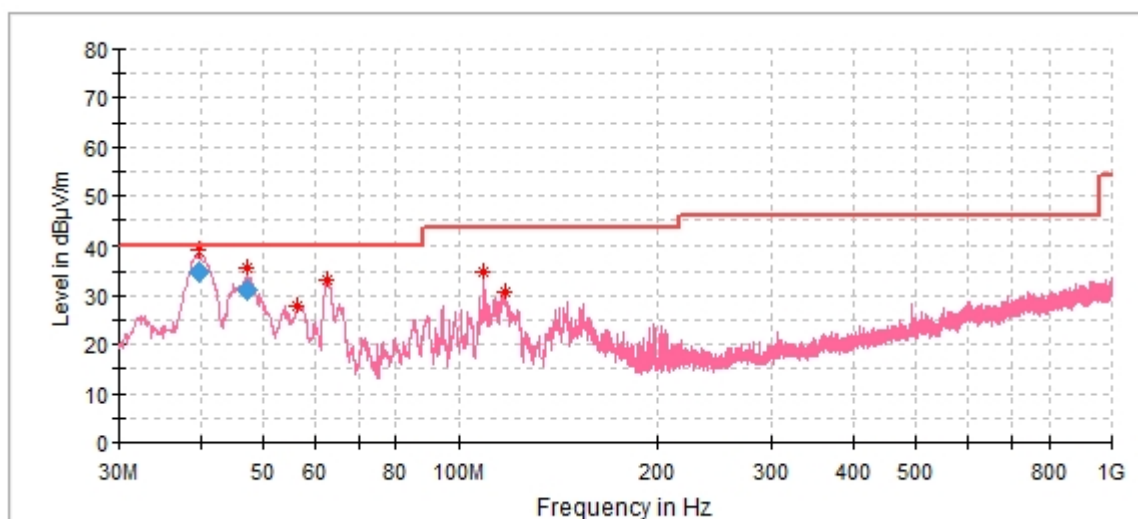


### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 39.603000       | 22.13            | 40.00          | 17.87       | 100.0       | H   | 18.0          | 19.5         |
| 62.204000       | 23.39            | 40.00          | 16.61       | 200.0       | H   | 356.0         | 20.6         |
| 119.919000      | 20.38            | 43.50          | 23.12       | 300.0       | H   | 260.0         | 19.3         |
| 207.995000      | 24.15            | 43.50          | 19.35       | 100.0       | H   | 111.0         | 17.6         |
| 307.129000      | 26.09            | 46.00          | 19.91       | 100.0       | H   | 146.0         | 21.4         |
| 358.345000      | 26.05            | 46.00          | 19.95       | 100.0       | H   | 138.0         | 22.6         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Front camera + charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber



## Critical Freqs

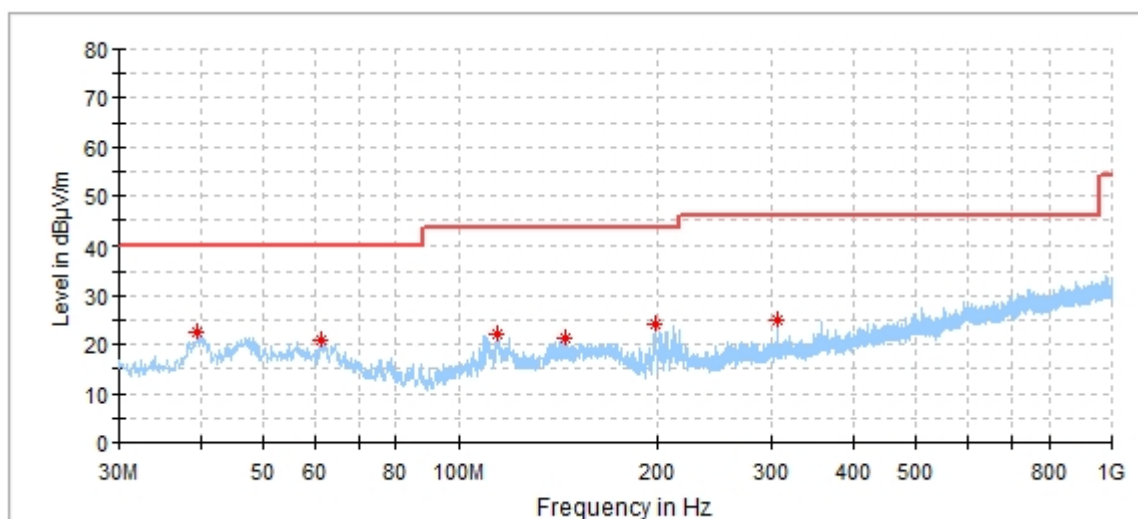
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 39.817000       | 38.88            | 40.00          | 1.12        | 100.0       | V   | 246.0         | 19.5         |
| 47.132000       | 35.86            | 40.00          | 4.14        | 100.0       | V   | 120.0         | 21.2         |
| 56.384000       | 28.00            | 40.00          | 12.00       | 100.0       | V   | 327.0         | 21.2         |
| 62.786000       | 33.15            | 40.00          | 6.85        | 100.0       | V   | 90.0          | 20.5         |
| 109.152000      | 34.91            | 43.50          | 8.59        | 100.0       | V   | 142.0         | 17.8         |
| 117.397000      | 30.96            | 43.50          | 12.54       | 100.0       | V   | 138.0         | 19.2         |

## Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 39.817000       | 34.78              | 40.00          | 5.22        | 1000.0          | 120.000         | 100.0       | V   | 246.0         | 19.5         |
| 47.132000       | 31.18              | 40.00          | 8.82        | 1000.0          | 120.000         | 100.0       | V   | 120.0         | 21.2         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Rear camera + charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber

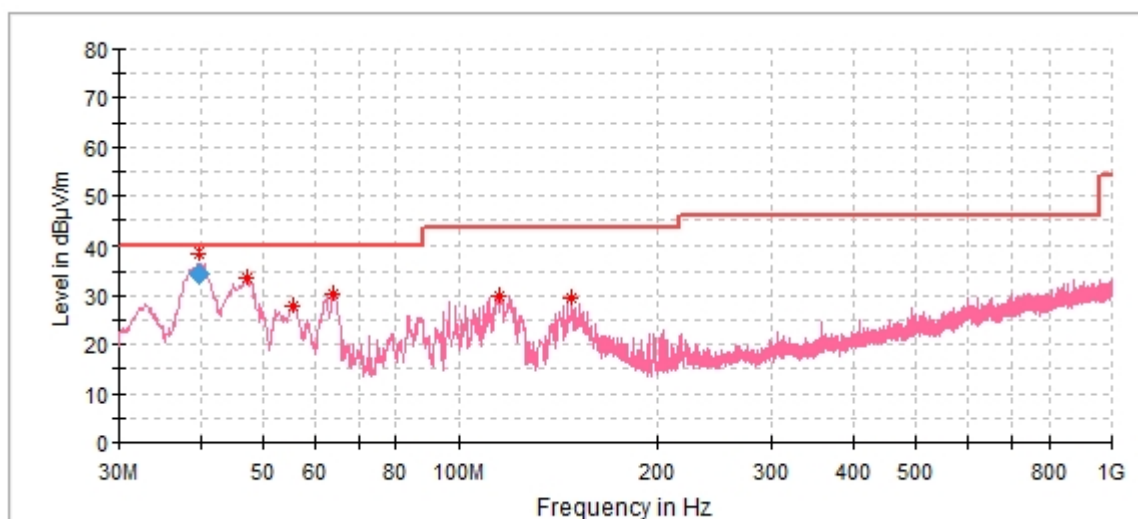


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 39.506000       | 22.43            | 40.00          | 17.57       | 100.0       | H   | 248.0         | 19.4         |
| 61.525000       | 20.98            | 40.00          | 19.02       | 200.0       | H   | 26.0          | 20.7         |
| 114.196000      | 22.31            | 43.50          | 21.19       | 200.0       | H   | 292.0         | 18.9         |
| 144.363000      | 21.40            | 43.50          | 22.10       | 300.0       | H   | 255.0         | 20.2         |
| 199.168000      | 24.02            | 43.50          | 19.48       | 100.0       | H   | 118.0         | 17.1         |
| 307.129000      | 25.20            | 46.00          | 20.80       | 100.0       | H   | 113.0         | 21.4         |

## EUT Information

|               |                        |
|---------------|------------------------|
| EUT Name:     | LeapPad Academy        |
| Model         | 6022                   |
| Test Mode:    | Rear camera + charging |
| Test Voltage: | AC 120V/60Hz           |
| Test By:      | Mac Xie                |
| Review By:    | Gary Chen              |
| Remark:       | 3m Chamber             |



## Critical Freqs

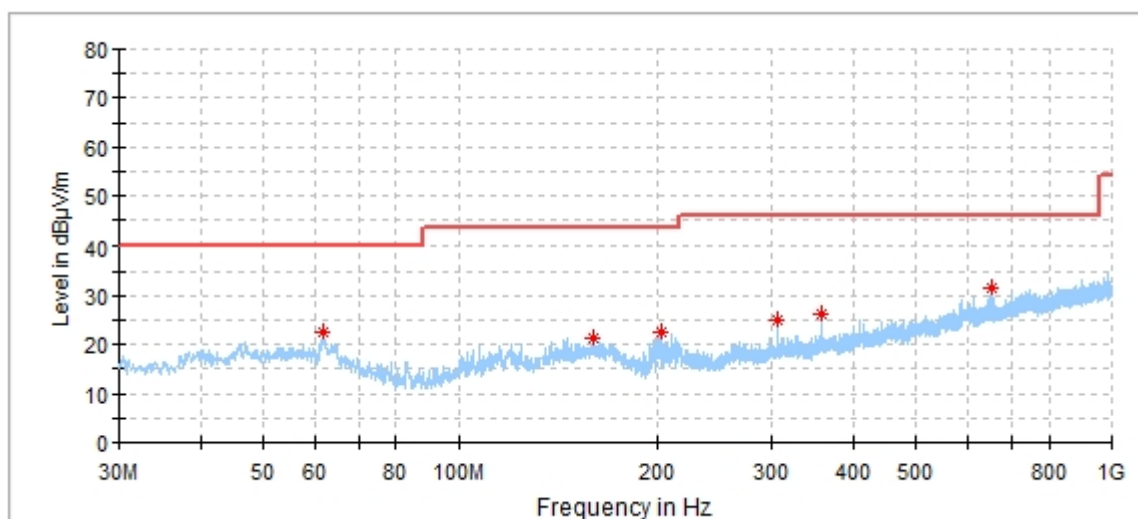
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 39.914000       | 38.42            | 40.00          | 1.58        | 100.0       | V   | 145.0         | 19.5         |
| 47.072000       | 33.59            | 40.00          | 6.41        | 100.0       | V   | 240.0         | 21.2         |
| 55.414000       | 27.92            | 40.00          | 12.08       | 100.0       | V   | 205.0         | 21.1         |
| 63.950000       | 30.33            | 40.00          | 9.67        | 100.0       | V   | 124.0         | 20.3         |
| 115.651000      | 29.96            | 43.50          | 13.54       | 100.0       | V   | 298.0         | 19.1         |
| 147.855000      | 29.49            | 43.50          | 14.01       | 100.0       | V   | 31.0          | 20.4         |

## Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 39.914000       | 34.60              | 40.00          | 5.40        | 1000.0          | 120.000         | 100.0       | V   | 145.0         | 19.5         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Video play + charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber

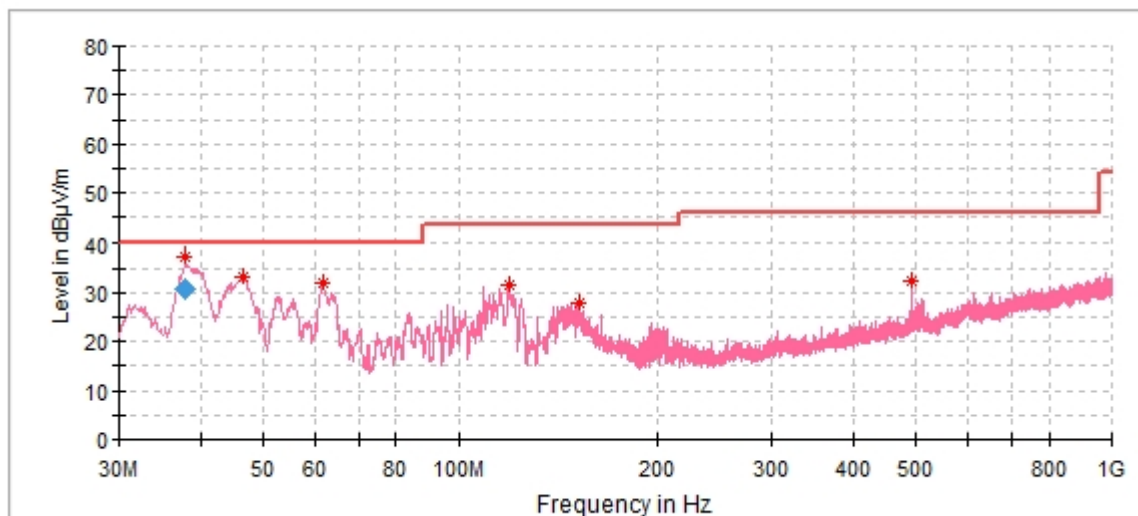


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 61.913000       | 22.62            | 40.00          | 17.38       | 300.0       | H   | 3.0           | 20.6         |
| 159.592000      | 21.49            | 43.50          | 22.01       | 100.0       | H   | 244.0         | 21.7         |
| 203.630000      | 22.52            | 43.50          | 20.98       | 200.0       | H   | 116.0         | 17.3         |
| 307.129000      | 25.17            | 46.00          | 20.83       | 100.0       | H   | 96.0          | 21.4         |
| 358.345000      | 26.08            | 46.00          | 19.92       | 100.0       | H   | 100.0         | 22.6         |
| 656.038000      | 31.70            | 46.00          | 14.30       | 100.0       | H   | 20.0          | 28.2         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Video play + charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 38.014000       | 37.30            | 40.00          | 2.70        | 100.0       | V   | 206.0         | 19.1         |
| 46.490000       | 33.16            | 40.00          | 6.84        | 100.0       | V   | 32.0          | 21.0         |
| 61.719000       | 31.95            | 40.00          | 8.05        | 100.0       | V   | 72.0          | 20.6         |
| 119.725000      | 31.59            | 43.50          | 11.91       | 100.0       | V   | 166.0         | 19.3         |
| 151.735000      | 28.05            | 43.50          | 15.45       | 100.0       | V   | 166.0         | 20.8         |
| 491.914000      | 32.41            | 46.00          | 13.59       | 100.0       | V   | 284.0         | 25.1         |

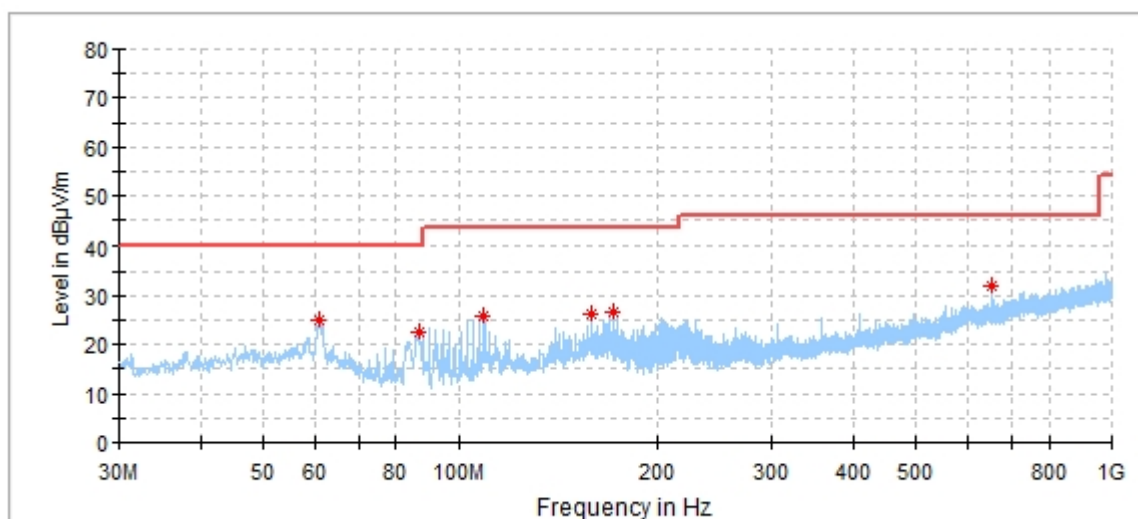
## Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 38.014000       | 30.76              | 40.00          | 9.24        | 1000.0          | 120.000         | 100.0       | V   | 206.0         | 19.1         |



## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Charging+ audio play+ earphone  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber

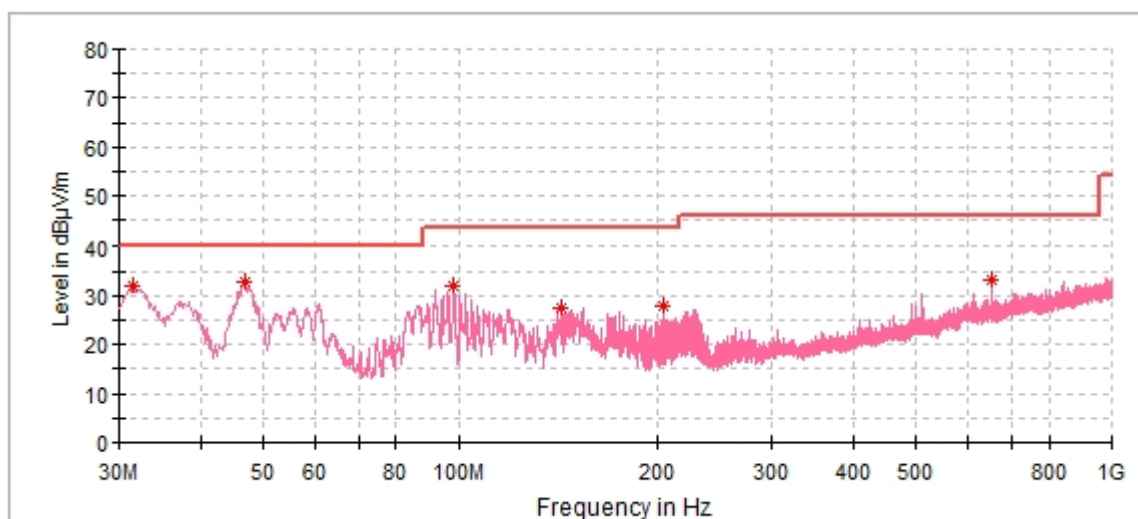


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 61.137000       | 25.07            | 40.00          | 14.93       | 200.0       | H   | 247.0         | 20.7         |
| 86.745000       | 22.48            | 40.00          | 17.52       | 200.0       | H   | 80.0          | 15.2         |
| 109.249000      | 25.76            | 43.50          | 17.74       | 200.0       | H   | 263.0         | 17.8         |
| 158.525000      | 26.43            | 43.50          | 17.07       | 200.0       | H   | 85.0          | 21.6         |
| 171.523000      | 26.62            | 43.50          | 16.88       | 200.0       | H   | 69.0          | 21.4         |
| 655.941000      | 32.01            | 46.00          | 13.99       | 100.0       | H   | 352.0         | 28.2         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Charging+ audio play+ earphone  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber



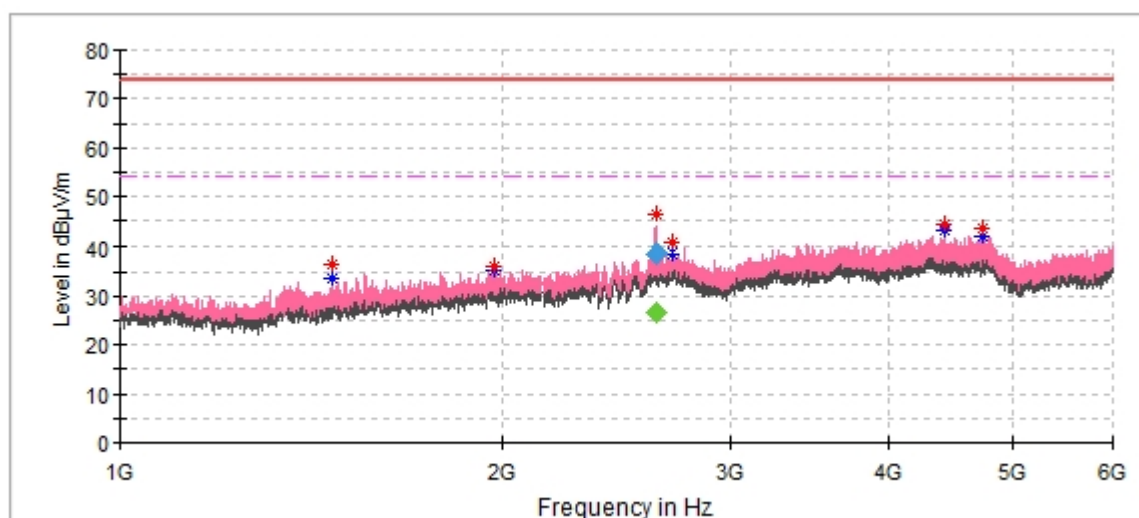
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 31.455000       | 31.81            | 40.00          | 8.19        | 100.0       | V   | 121.0         | 17.9         |
| 46.878000       | 32.65            | 40.00          | 7.35        | 100.0       | V   | 273.0         | 21.1         |
| 97.997000       | 31.92            | 43.50          | 11.58       | 100.0       | V   | 239.0         | 16.8         |
| 143.005000      | 27.53            | 43.50          | 15.97       | 100.0       | V   | 316.0         | 20.2         |
| 204.794000      | 27.84            | 43.50          | 15.66       | 100.0       | V   | 304.0         | 17.4         |
| 656.038000      | 33.30            | 46.00          | 12.70       | 100.0       | V   | 218.0         | 28.2         |

## Appendix C.3: Test Plots of Radiated Emission, Above 1GHz

### EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Front camera + charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber



### Critical Freqs

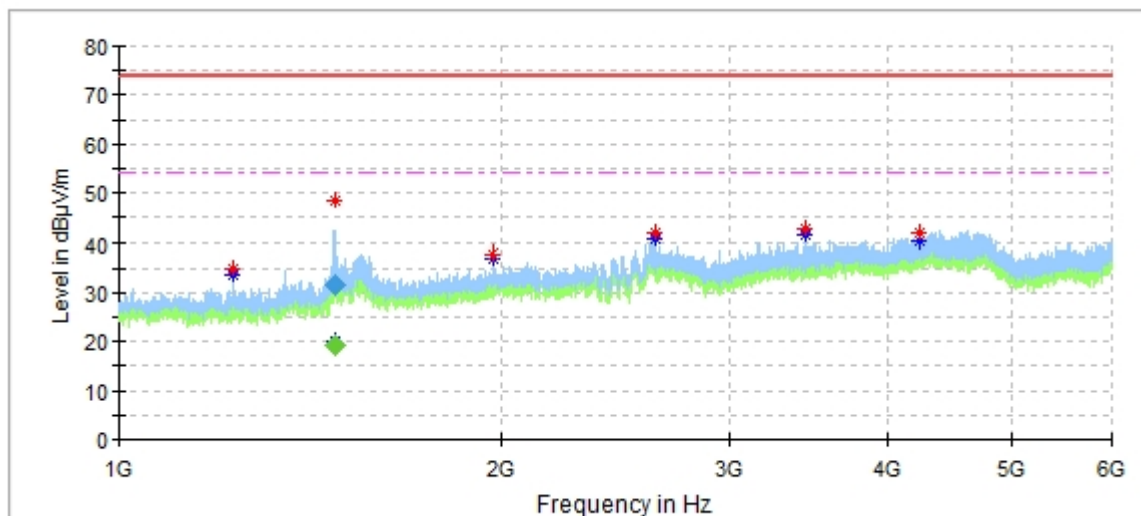
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1466.500000     | 36.43            | ---              | 74.00          | 37.57       | 100.0       | V   | 103.0         | -12.2        |
| 1466.500000     | ---              | 33.60            | 54.00          | 20.40       | 100.0       | V   | 103.0         | -12.2        |
| 1968.000000     | 36.24            | ---              | 74.00          | 37.76       | 100.0       | V   | 149.0         | -8.0         |
| 1968.000000     | ---              | 35.13            | 54.00          | 18.87       | 100.0       | V   | 149.0         | -8.0         |
| 2624.000000     | 46.36            | ---              | 74.00          | 27.64       | 100.0       | V   | 4.0           | -3.6         |
| 2624.000000     | ---              | 27.19            | 54.00          | 26.81       | 100.0       | V   | 300.0         | -3.6         |
| 2706.000000     | 40.45            | ---              | 74.00          | 33.55       | 100.0       | V   | 316.0         | -3.3         |
| 2706.000000     | ---              | 38.66            | 54.00          | 15.34       | 100.0       | V   | 316.0         | -3.3         |
| 4428.000000     | ---              | 43.28            | 54.00          | 10.72       | 100.0       | V   | 268.0         | 1.9          |
| 4428.000000     | 44.18            | ---              | 74.00          | 29.82       | 100.0       | V   | 268.0         | 1.9          |
| 4737.500000     | 43.61            | ---              | 74.00          | 30.39       | 100.0       | V   | 0.0           | 2.8          |
| 4737.500000     | ---              | 41.68            | 54.00          | 12.32       | 100.0       | V   | 0.0           | 2.8          |

### Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2624.000000     | ---              | 26.52            | 54.00          | 27.48       | 100.0       | V   | 300.0         | -3.6         |
| 2624.000000     | 38.60            | ---              | 74.00          | 35.40       | 100.0       | V   | 4.0           | -3.6         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Front camera + charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber



## Critical Freqs

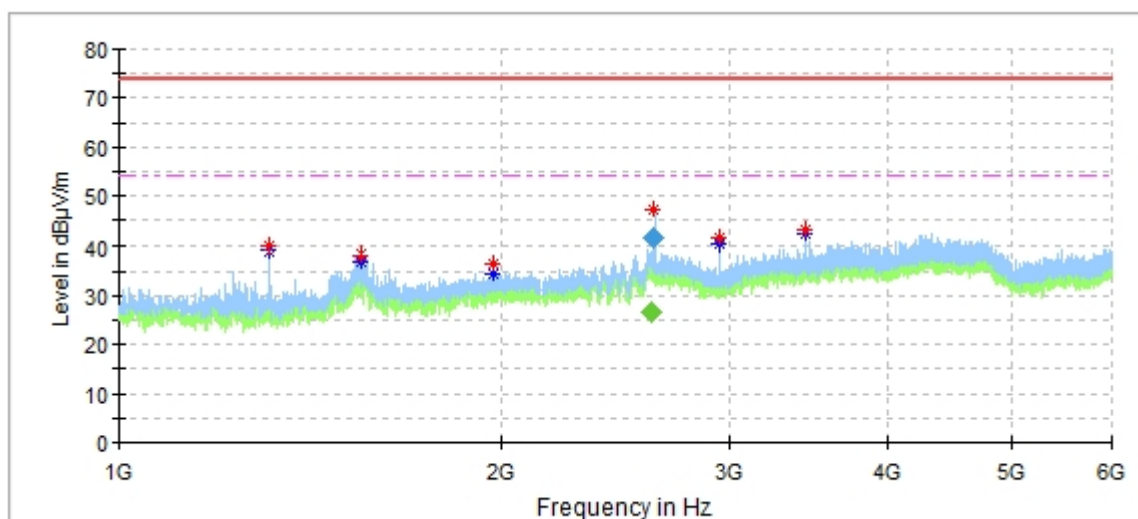
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1230.000000     | 34.87            | ---              | 74.00          | 39.13       | 100.0       | H   | 322.0         | -14.0        |
| 1230.000000     | ---              | 33.61            | 54.00          | 20.39       | 100.0       | H   | 322.0         | -14.0        |
| 1476.000000     | ---              | 20.26            | 54.00          | 33.74       | 100.0       | H   | 77.0          | -11.9        |
| 1476.000000     | 48.30            | ---              | 74.00          | 25.70       | 100.0       | H   | 0.0           | -11.9        |
| 1968.000000     | 37.56            | ---              | 74.00          | 36.44       | 100.0       | H   | 346.0         | -8.0         |
| 1968.000000     | ---              | 36.91            | 54.00          | 17.09       | 100.0       | H   | 346.0         | -8.0         |
| 2624.000000     | 41.90            | ---              | 74.00          | 32.10       | 100.0       | H   | 326.0         | -3.6         |
| 2624.000000     | ---              | 40.58            | 54.00          | 13.42       | 100.0       | H   | 326.0         | -3.6         |
| 3444.000000     | 42.49            | ---              | 74.00          | 31.51       | 100.0       | H   | 317.0         | -1.4         |
| 3444.000000     | ---              | 41.36            | 54.00          | 12.64       | 100.0       | H   | 317.0         | -1.4         |
| 4241.000000     | 41.83            | ---              | 74.00          | 32.17       | 100.0       | H   | 224.0         | 1.7          |
| 4241.000000     | ---              | 40.01            | 54.00          | 13.99       | 100.0       | H   | 224.0         | 1.7          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1476.000000     | ---              | 19.38            | 54.00          | 34.62       | 100.0       | H   | 77.0          | -11.9        |
| 1476.000000     | 31.67            | ---              | 74.00          | 42.33       | 100.0       | H   | 0.0           | -11.9        |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Video play + charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber



## Critical Freqs

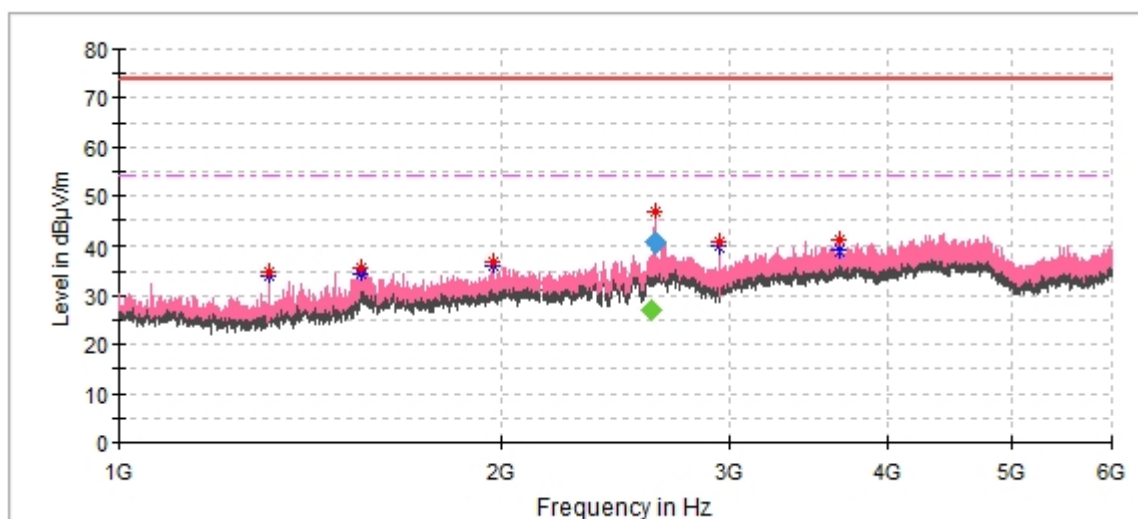
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1312.000000     | 39.63            | ---              | 74.00          | 34.37       | 100.0       | H   | 322.0         | -13.5        |
| 1312.000000     | ---              | 39.03            | 54.00          | 14.97       | 100.0       | H   | 322.0         | -13.5        |
| 1550.000000     | 38.30            | ---              | 74.00          | 35.70       | 100.0       | H   | 331.0         | -11.0        |
| 1550.000000     | ---              | 37.01            | 54.00          | 16.99       | 100.0       | H   | 331.0         | -11.0        |
| 1968.000000     | 36.46            | ---              | 74.00          | 37.54       | 100.0       | H   | 294.0         | -8.0         |
| 1968.000000     | ---              | 34.45            | 54.00          | 19.55       | 100.0       | H   | 294.0         | -8.0         |
| 2614.000000     | ---              | 26.71            | 54.00          | 27.01       | 100.0       | H   | 226.0         | -3.6         |
| 2623.600000     | 47.26            | ---              | 74.00          | 26.74       | 100.0       | H   | 57.0          | -3.6         |
| 2952.000000     | 41.49            | ---              | 74.00          | 32.51       | 100.0       | H   | 272.0         | -5.3         |
| 2952.000000     | ---              | 40.37            | 54.00          | 13.63       | 100.0       | H   | 272.0         | -5.3         |
| 3444.000000     | 43.18            | ---              | 74.00          | 30.82       | 100.0       | H   | 14.0          | -1.4         |
| 3444.000000     | ---              | 42.16            | 54.00          | 11.84       | 100.0       | H   | 14.0          | -1.4         |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2614.000000     | ---              | 26.64            | 54.00          | 27.36       | 100.0       | H   | 226.0         | -3.6         |
| 2623.600000     | 41.32            | ---              | 74.00          | 32.68       | 100.0       | H   | 57.0          | -3.6         |

## EUT Information

EUT Name: LeapPad Academy  
Model: 6022  
Test Mode: Video play + charging  
Test Voltage: AC 120V/60Hz  
Test By: Mac Xie  
Review By: Gary Chen  
Remark: 3m Chamber



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1312.000000     | 34.68            | ---              | 74.00          | 39.32       | 100.0       | V   | 149.0         | -13.5        |
| 1312.000000     | ---              | 34.04            | 54.00          | 19.96       | 100.0       | V   | 149.0         | -13.5        |
| 1549.000000     | 35.53            | ---              | 74.00          | 38.47       | 100.0       | V   | 274.0         | -11.0        |
| 1549.000000     | ---              | 34.39            | 54.00          | 19.61       | 100.0       | V   | 274.0         | -11.0        |
| 1968.000000     | 36.87            | ---              | 74.00          | 37.13       | 100.0       | V   | 326.0         | -8.0         |
| 1968.000000     | ---              | 36.30            | 54.00          | 17.70       | 100.0       | V   | 326.0         | -8.0         |
| 2614.000000     | ---              | 26.93            | 54.00          | 26.98       | 100.0       | V   | 8.0           | -3.6         |
| 2624.000000     | 46.78            | ---              | 74.00          | 27.22       | 100.0       | V   | 231.0         | -3.6         |
| 2952.000000     | 40.42            | ---              | 74.00          | 33.58       | 100.0       | V   | 278.0         | -5.3         |
| 2952.000000     | ---              | 39.75            | 54.00          | 14.25       | 100.0       | V   | 278.0         | -5.3         |
| 3666.000000     | 41.19            | ---              | 74.00          | 32.81       | 100.0       | V   | 214.0         | 0.0          |
| 3666.000000     | ---              | 38.96            | 54.00          | 15.04       | 100.0       | V   | 214.0         | 0.0          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2614.000000     | ---              | 26.88            | 54.00          | 27.12       | 100.0       | V   | 8.0           | -3.6         |
| 2624.000000     | 40.61            | ---              | 74.00          | 33.39       | 100.0       | V   | 231.0         | -3.6         |