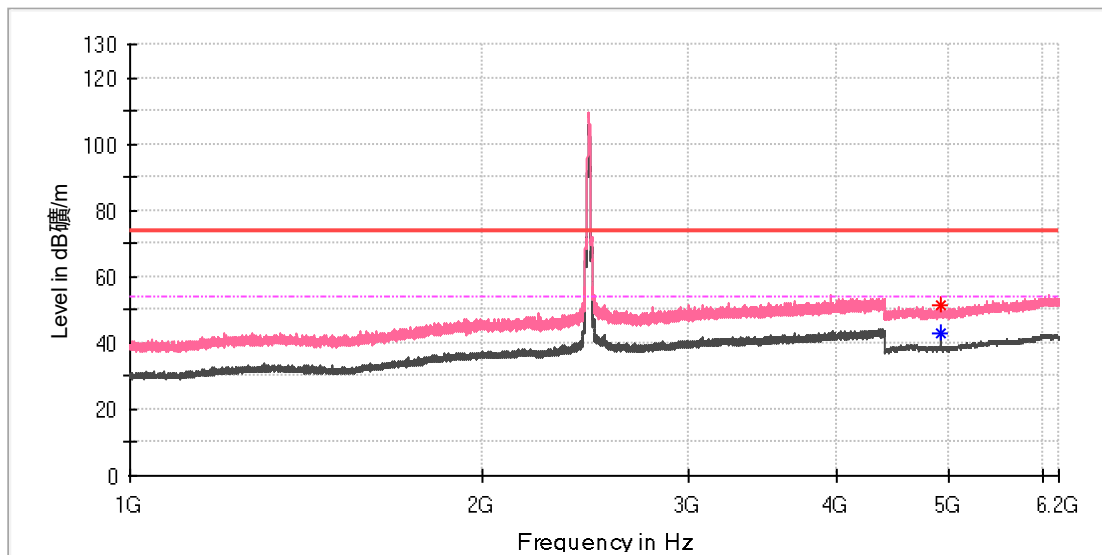


### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11b\_High Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:49%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

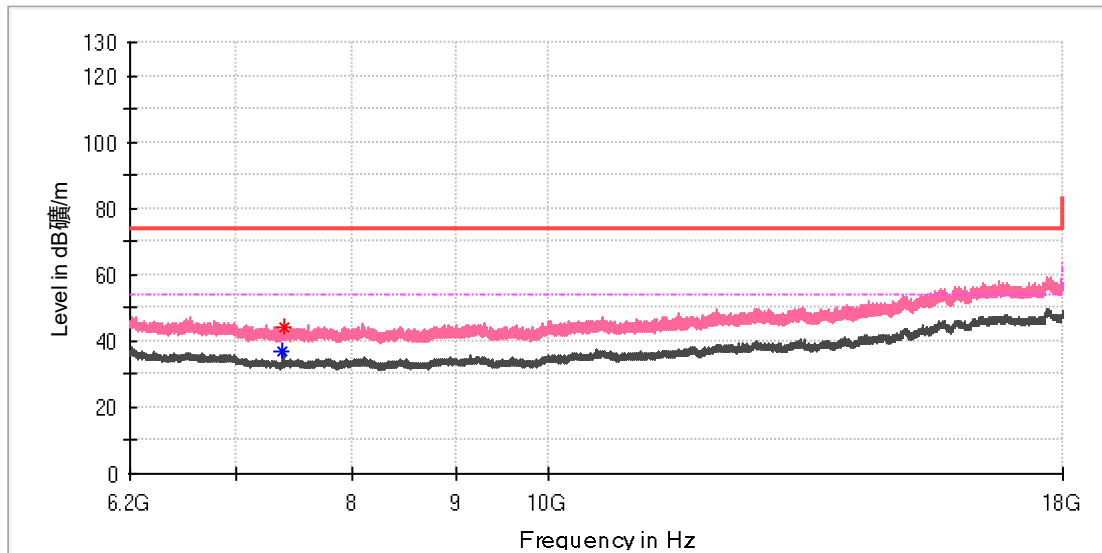
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4924.000000     | 51.39            | ---              | 74.00          | 22.61       | 100.0       | V   | 286.0         | 11.8         |
| 4924.000000     | ---              | 43.11            | 54.00          | 10.89       | 100.0       | V   | 286.0         | 11.8         |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11b\_High Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:48%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 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     | ---              | 36.76            | 54.00          | 17.24       | 100.0       | V   | 323.0         | 8.2          |
| 7387.375000     | 43.99            | ---              | 74.00          | 30.01       | 100.0       | V   | 70.0          | 8.2          |

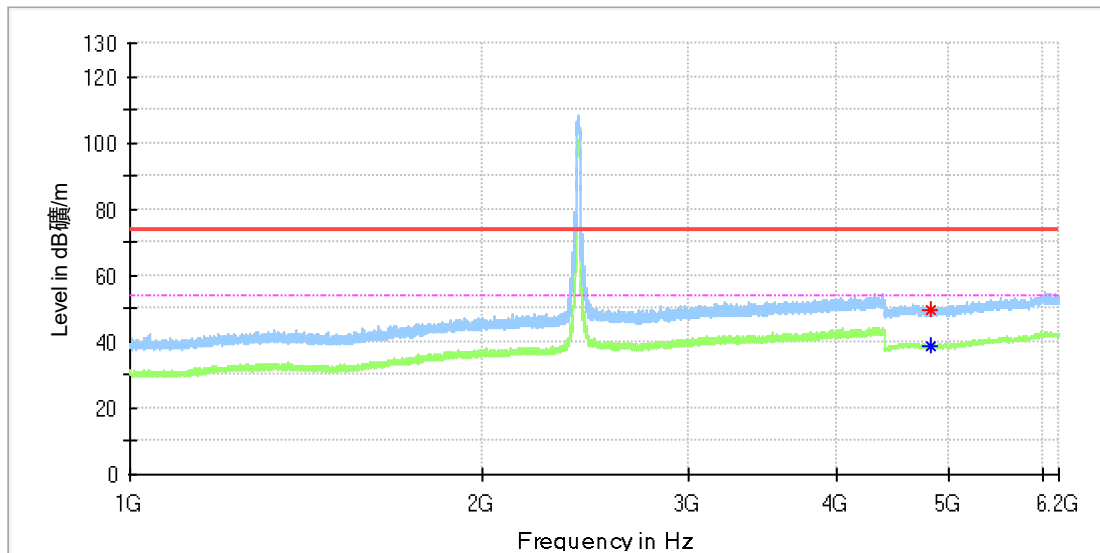
### Final\_Result

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

Wi-Fi 802.11 g mode, 6 Mbps

EUT Information

|                |                            |
|----------------|----------------------------|
| EUT Name:      | Control Extender           |
| Model:         | EL-IO-200                  |
| Test Mode:     | Wi-Fi 2.4G 11g_Low Channel |
| Test Voltage:: | 120V/60Hz                  |
| Remark:        | Temp 23 Humi:48%           |
| Test Standard: | FCC 15.247                 |
| Tested By:     | Alano Qu                   |
| Reviewed By:   | Terry Yin                  |



Critical Freqs

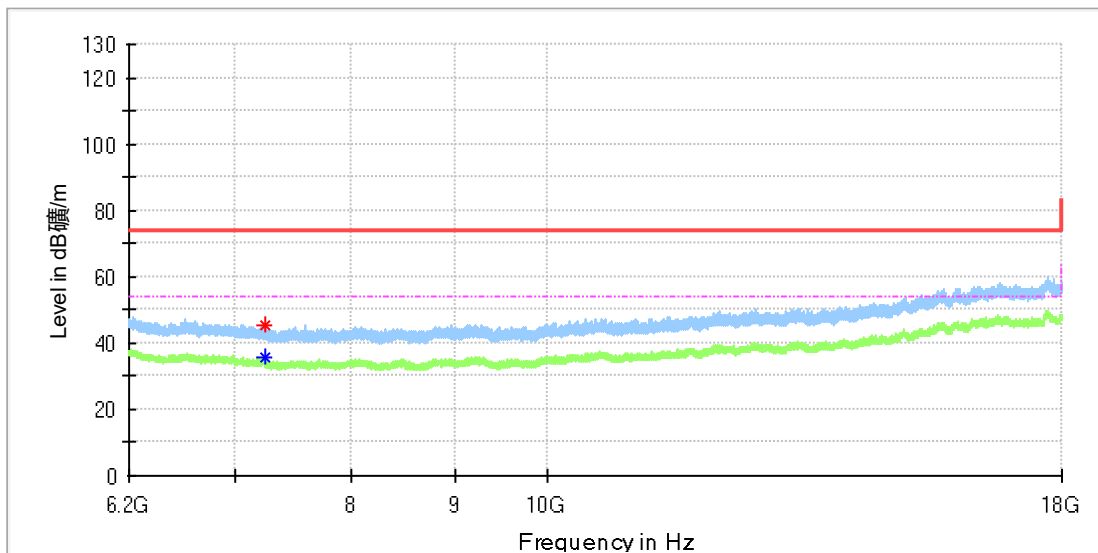
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4822.000000     | ---              | 38.97            | 54.00          | 15.03       | 100.0       | H   | 242.0         | 11.8         |
| 4823.000000     | 49.65            | ---              | 74.00          | 24.35       | 100.0       | H   | 307.0         | 11.8         |

Final Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11g\_Low Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

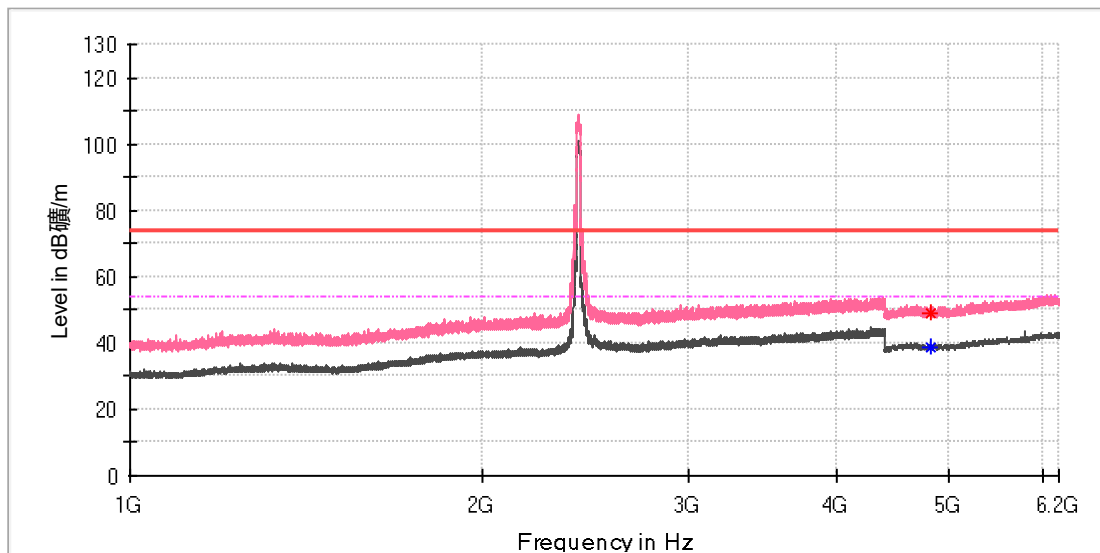
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7236.433333     | ---              | 35.90            | 54.00          | 18.10       | 100.0       | H   | 292.0         | 8.6          |
| 7241.350000     | 45.49            | ---              | 74.00          | 28.51       | 100.0       | H   | 250.0         | 8.6          |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11g\_Low Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:48%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

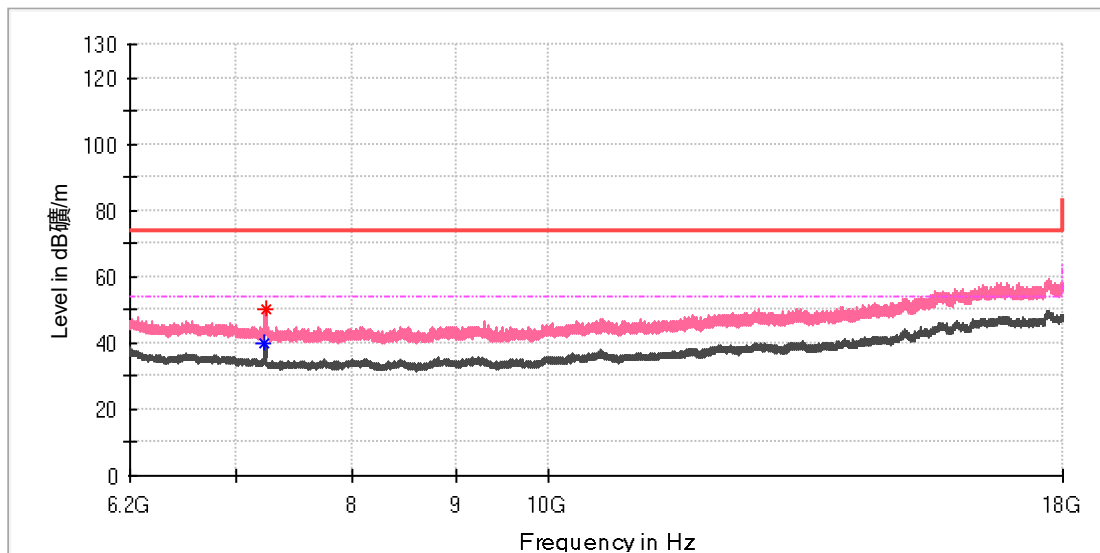
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4824.000000     | 49.22            | ---              | 74.00          | 24.78       | 100.0       | V   | 254.0         | 11.8         |
| 4824.500000     | ---              | 38.73            | 54.00          | 15.27       | 100.0       | V   | 356.0         | 11.8         |

### Final\_Result

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

### EUT Information

|                |                            |
|----------------|----------------------------|
| EUT Name:      | Control Extender           |
| Model:         | EL-IO-200                  |
| Test Mode:     | Wi-Fi 2.4G 11g_Low Channel |
| Test Voltage:: | 120V/60Hz                  |
| Remark:        | Temp 23 Humi:55%           |
| Test Standard: | FCC 15.247                 |
| Tested By:     | Alano Qu                   |
| Reviewed By:   | Terry Yin                  |



### Critical\_Freqs

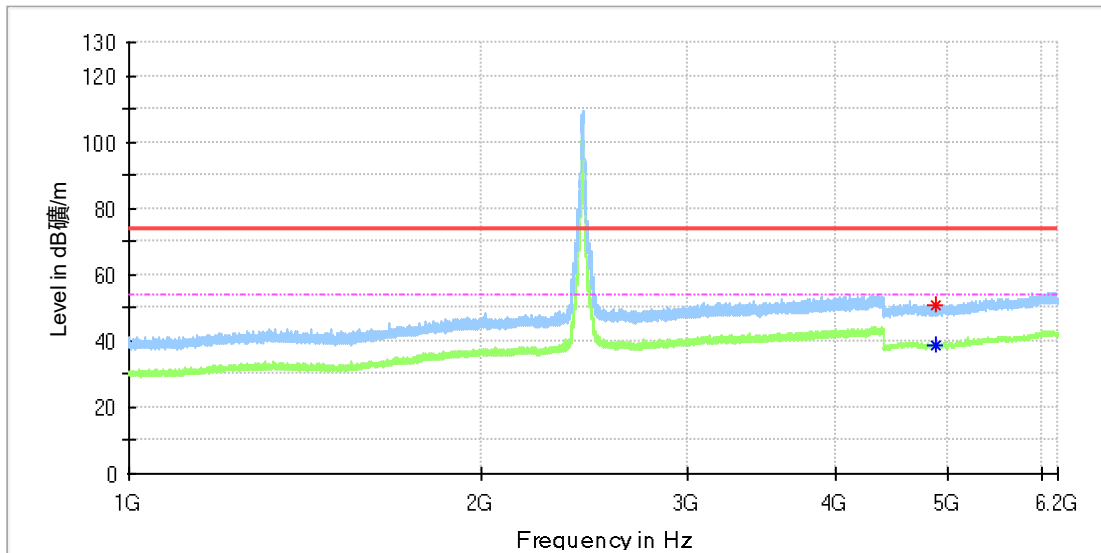
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7233.975000     | ---              | 40.08            | 54.00          | 13.92       | 100.0       | V   | 151.0         | 8.6          |
| 7237.908333     | 50.03            | ---              | 74.00          | 23.97       | 100.0       | V   | 193.0         | 8.6          |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11g\_Mid Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:49%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

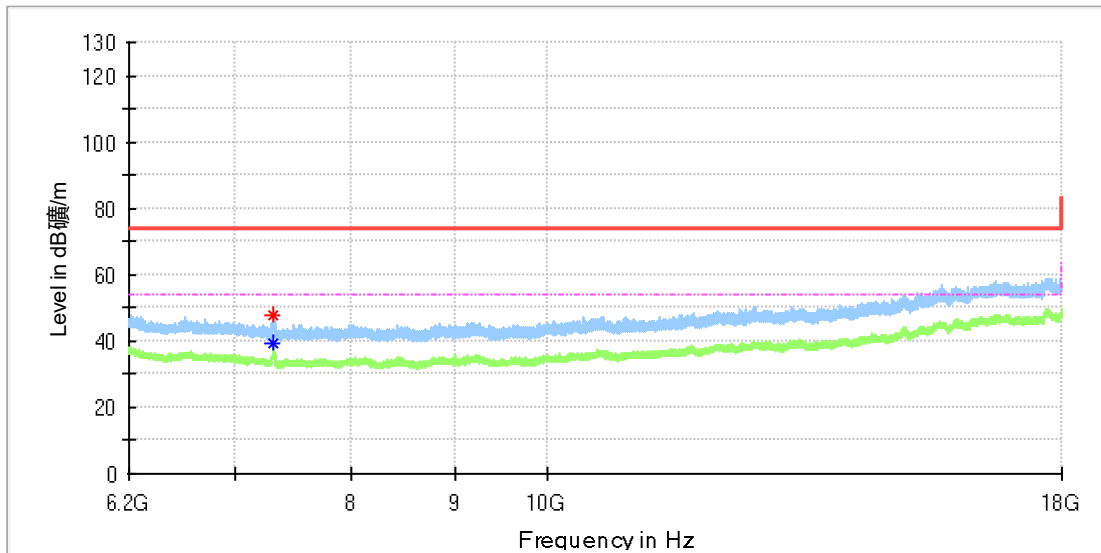
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4875.000000     | ---              | 38.89            | 54.00          | 15.11       | 100.0       | H   | 282.0         | 11.8         |
| 4876.000000     | 50.52            | ---              | 74.00          | 23.48       | 100.0       | H   | 246.0         | 11.8         |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11g\_Mid Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7312.150000     | 47.77            | ---              | 74.00          | 26.23       | 100.0       | H   | 250.0         | 8.2          |
| 7312.150000     | ---              | 39.29            | 54.00          | 14.71       | 100.0       | H   | 250.0         | 8.2          |

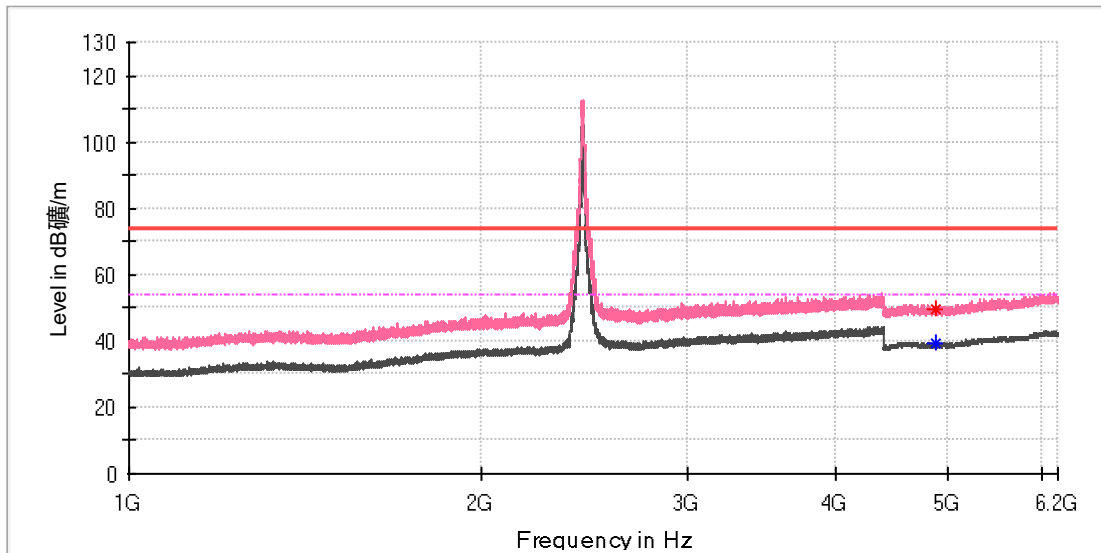
### Final\_Result

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



### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11g\_Mid Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:49%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

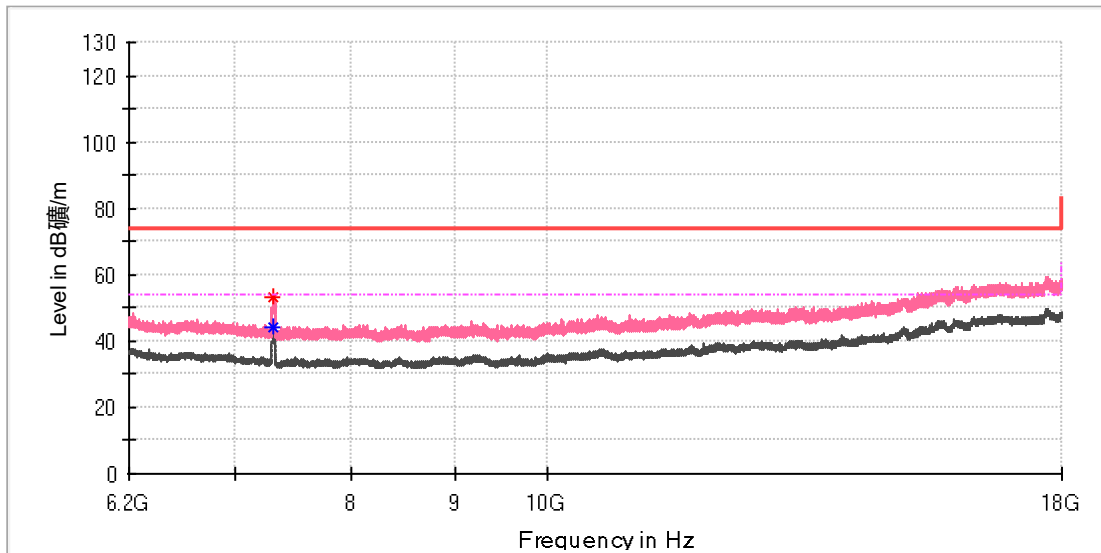
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4874.500000     | 49.64            | ---              | 74.00          | 24.36       | 100.0       | V   | 239.0         | 11.8         |
| 4875.000000     | ---              | 39.35            | 54.00          | 14.65       | 100.0       | V   | 247.0         | 11.8         |

### Final\_Result

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

### EUT Information

|                |                            |
|----------------|----------------------------|
| EUT Name:      | Control Extender           |
| Model:         | EL-IO-200                  |
| Test Mode:     | Wi-Fi 2.4G 11g_Mid Channel |
| Test Voltage:: | 120V/60Hz                  |
| Remark:        | Temp 23 Humi:55%           |
| Test Standard: | FCC 15.247                 |
| Tested By:     | Alano Qu                   |
| Reviewed By:   | Terry Yin                  |



### Critical\_Freqs

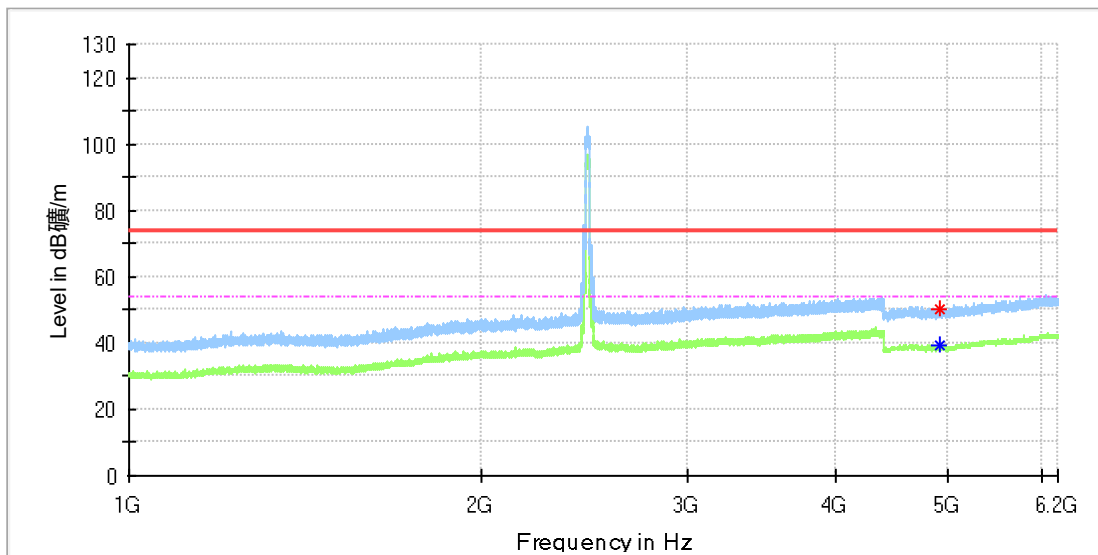
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7309.200000     | ---              | 43.98            | 54.00          | 10.02       | 100.0       | V   | 265.0         | 8.2          |
| 7310.675000     | 53.01            | ---              | 74.00          | 20.99       | 100.0       | V   | 265.0         | 8.2          |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11g\_High Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:48%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

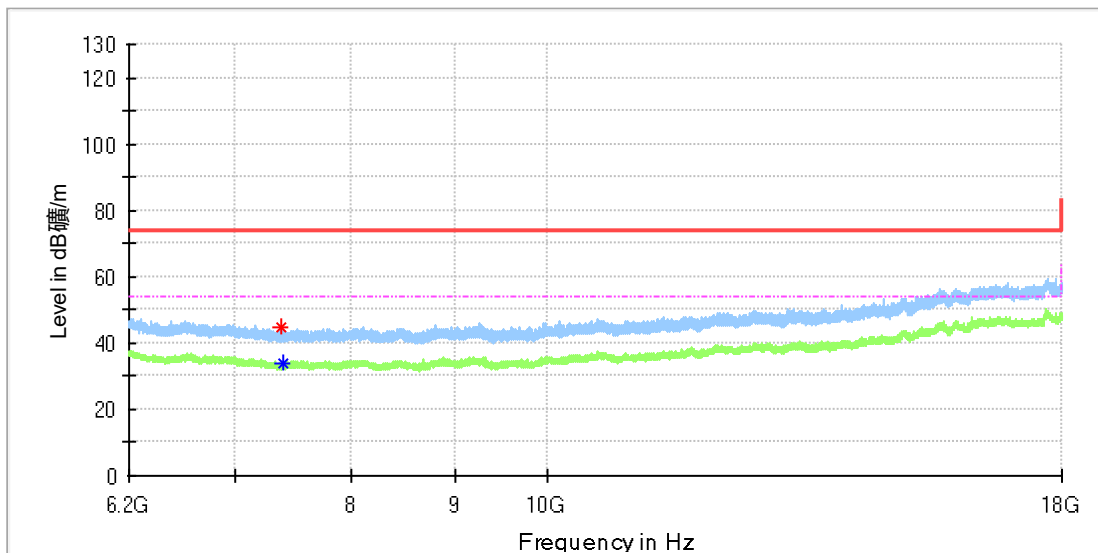
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4923.500000     | 50.19            | ---              | 74.00          | 23.81       | 100.0       | H   | 261.0         | 11.8         |
| 4923.500000     | ---              | 39.02            | 54.00          | 14.98       | 100.0       | H   | 261.0         | 11.8         |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11g\_High Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

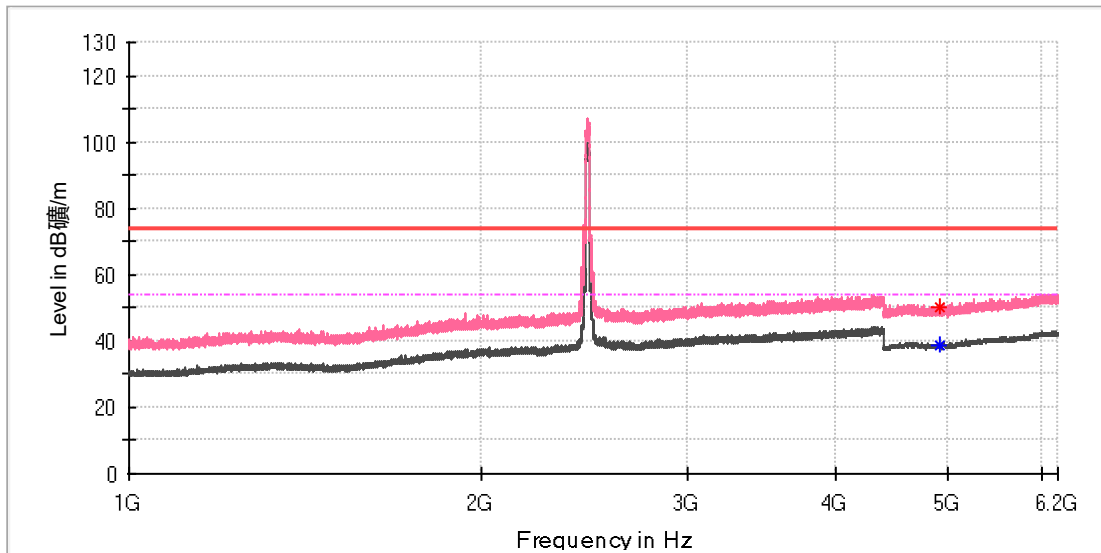
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7372.625000     | 44.45            | ---              | 74.00          | 29.55       | 100.0       | H   | 330.0         | 8.2          |
| 7388.850000     | ---              | 33.96            | 54.00          | 20.04       | 100.0       | H   | 249.0         | 8.2          |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11g\_High Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:48%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

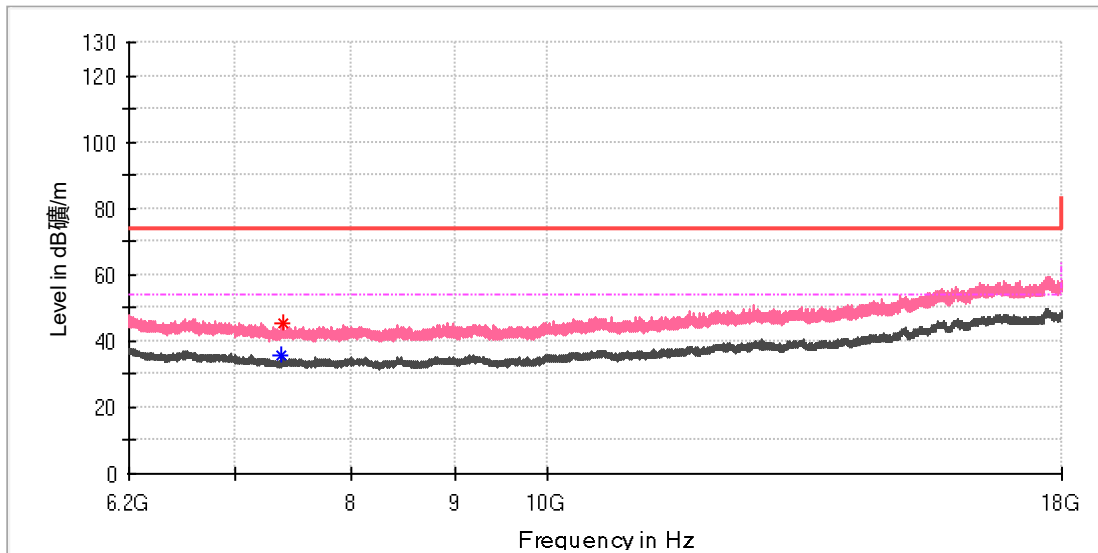
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4922.000000     | 50.46            | ---              | 74.00          | 23.54       | 100.0       | V   | 237.0         | 11.8         |
| 4923.500000     | ---              | 38.91            | 54.00          | 15.09       | 100.0       | V   | 330.0         | 11.8         |

### Final\_Result

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

### EUT Information

|                |                             |
|----------------|-----------------------------|
| EUT Name:      | Control Extender            |
| Model:         | EL-IO-200                   |
| Test Mode:     | Wi-Fi 2.4G 11g_High Channel |
| Test Voltage:: | 120V/60Hz                   |
| Remark:        | Temp 23 Humi:55%            |
| Test Standard: | FCC 15.247                  |
| Tested By:     | Alano Qu                    |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7381.966667     | ---              | 35.51            | 54.00          | 18.49       | 100.0       | V   | 263.0         | 8.2          |
| 7386.391667     | 45.46            | ---              | 74.00          | 28.54       | 100.0       | V   | 141.0         | 8.2          |

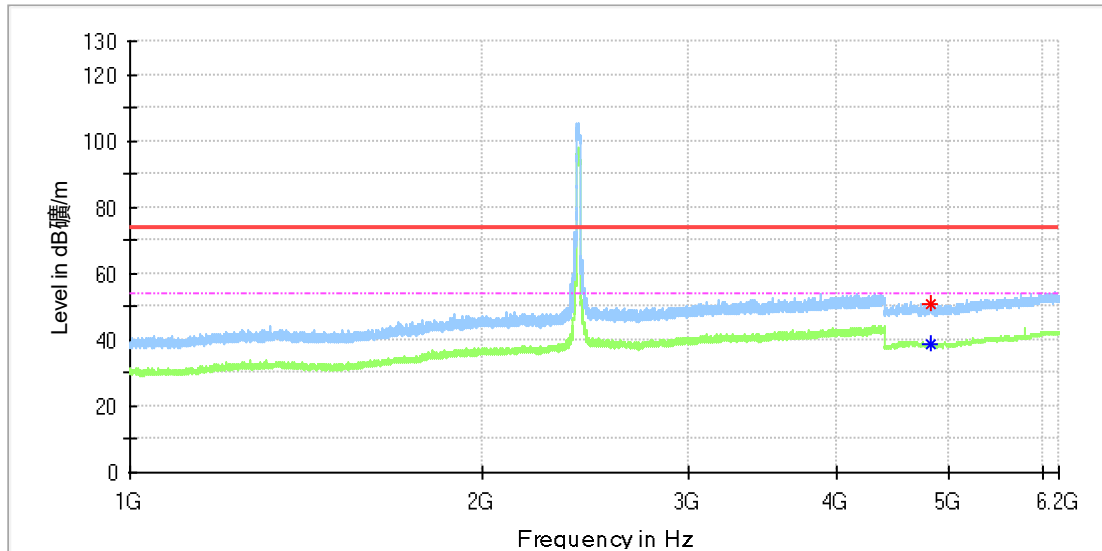
### Final\_Result

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

Wi-Fi 802.11 n(HT20) mode, MCS0

EUT Information

|                |                              |
|----------------|------------------------------|
| EUT Name:      | Control Extender             |
| Model:         | EL-IO-200                    |
| Test Mode:     | Wi-Fi 2.4G 11n20_Low Channel |
| Test Voltage:: | 120V/60Hz                    |
| Remark:        | Temp 23 Humi:48%             |
| Test Standard: | FCC 15.247                   |
| Tested By:     | Alano Qu                     |
| Reviewed By:   | Terry Yin                    |



Critical Freqs

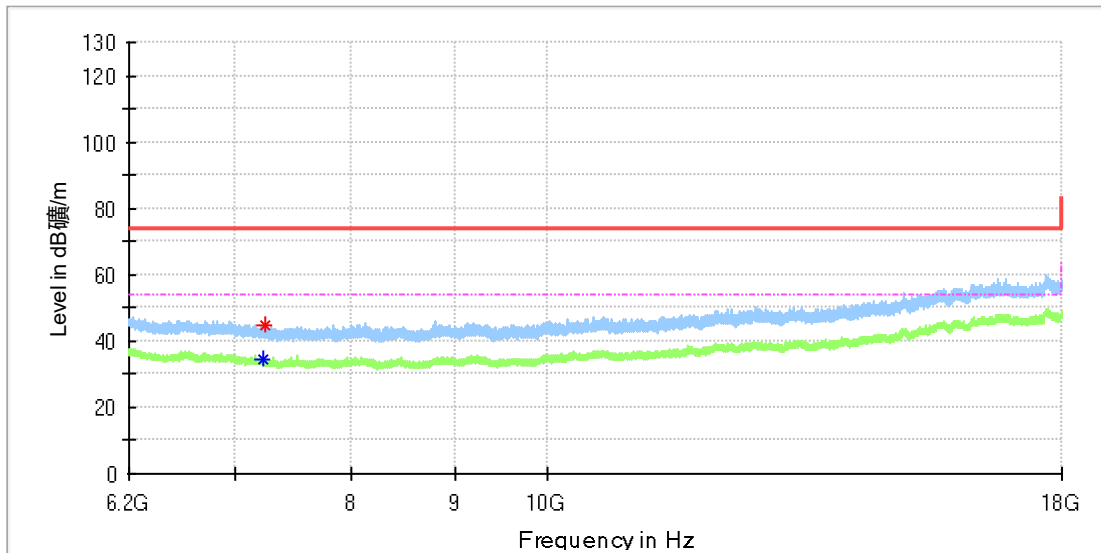
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4824.500000     | ---              | 38.41            | 54.00          | 15.59       | 100.0       | H   | 176.0         | 11.8         |
| 4827.000000     | 50.71            | ---              | 74.00          | 23.29       | 100.0       | H   | 306.0         | 11.8         |

Final Result

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

### EUT Information

|                |                              |
|----------------|------------------------------|
| EUT Name:      | Control Extender             |
| Model:         | EL-IO-200                    |
| Test Mode:     | Wi-Fi 2.4G 11n20_Low Channel |
| Test Voltage:: | 120V/60Hz                    |
| Remark:        | Temp 23 Humi:55%             |
| Test Standard: | FCC 15.247                   |
| Tested By:     | Alano Qu                     |
| 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     | ---              | 34.69            | 54.00          | 19.31       | 100.0       | H   | 153.0         | 8.6          |
| 7236.433333     | 44.76            | ---              | 74.00          | 29.24       | 100.0       | H   | 139.0         | 8.6          |

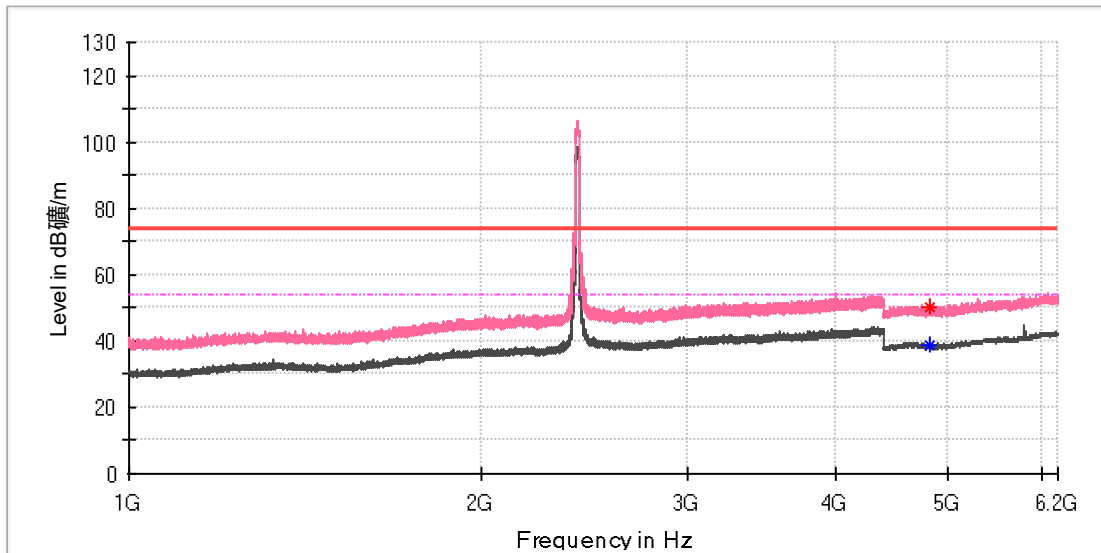
### Final\_Result

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



### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11n20\_Low Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:48%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

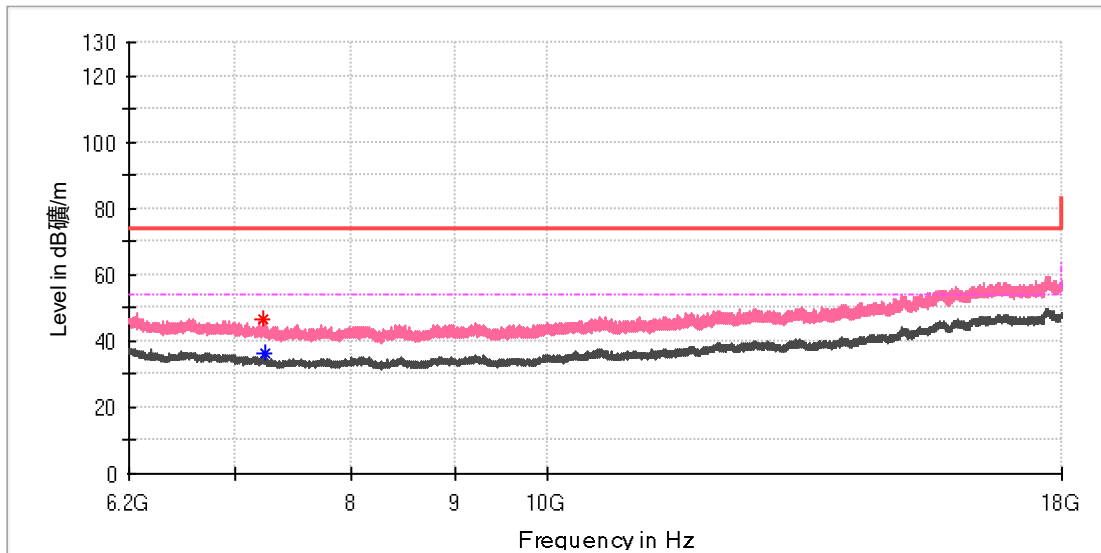
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4821.500000     | 50.07            | ---              | 74.00          | 23.93       | 100.0       | V   | 93.0          | 11.8         |
| 4823.500000     | ---              | 38.55            | 54.00          | 15.45       | 100.0       | V   | 242.0         | 11.8         |

### Final\_Result

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

### EUT Information

|                |                              |
|----------------|------------------------------|
| EUT Name:      | Control Extender             |
| Model:         | EL-IO-200                    |
| Test Mode:     | Wi-Fi 2.4G 11n20_Low Channel |
| Test Voltage:: | 120V/60Hz                    |
| Remark:        | Temp 23 Humi:55%             |
| Test Standard: | FCC 15.247                   |
| Tested By:     | Alano Qu                     |
| Reviewed By:   | Terry Yin                    |



### Critical\_Freqs

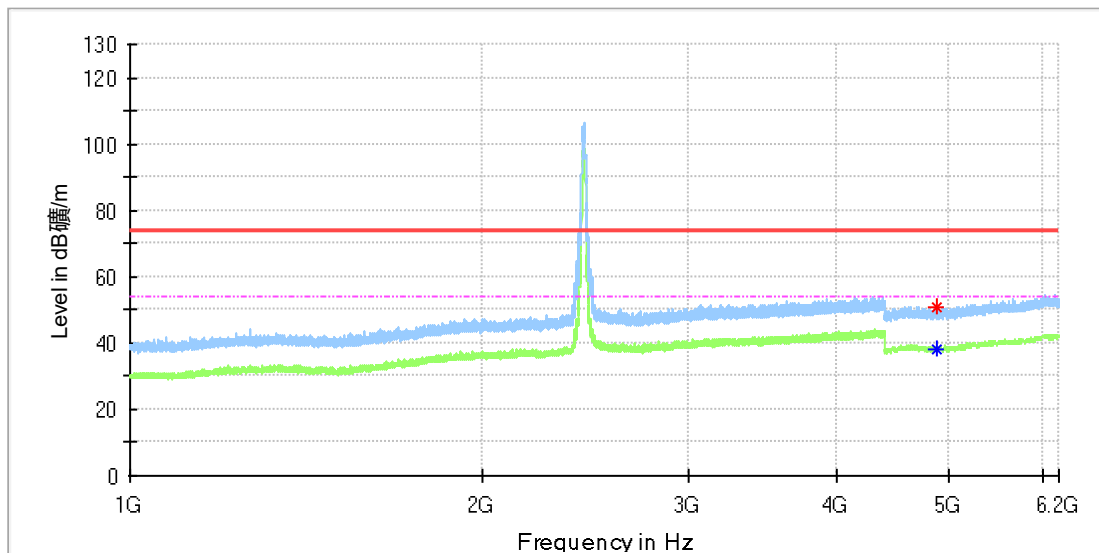
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7228.566667     | 46.73            | ---              | 74.00          | 27.27       | 100.0       | V   | 165.0         | 8.6          |
| 7236.433333     | ---              | 36.38            | 54.00          | 17.62       | 100.0       | V   | 249.0         | 8.6          |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11n20\_Mid Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:49%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

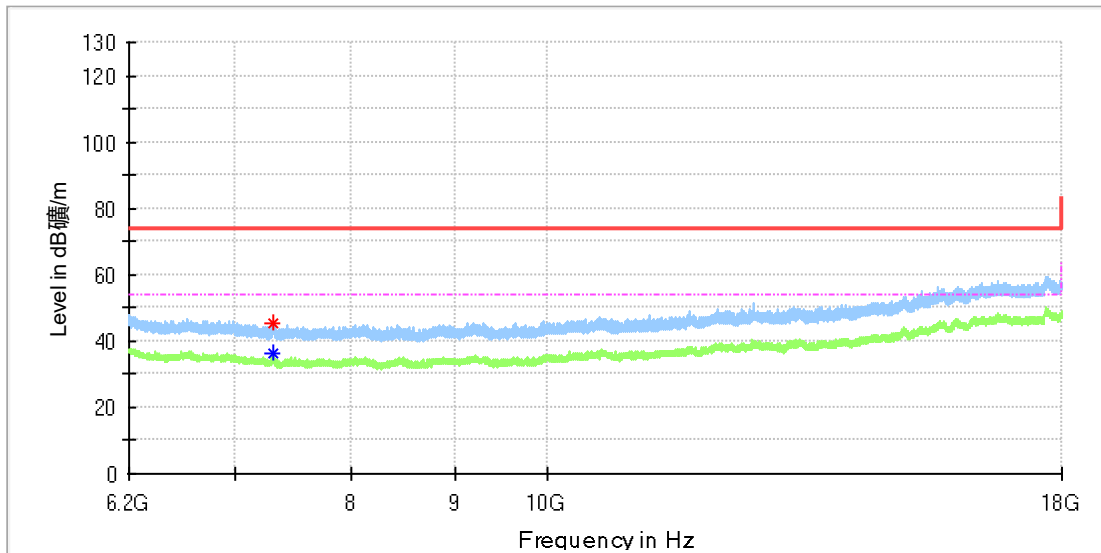
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4872.000000     | 51.07            | ---              | 74.00          | 22.93       | 100.0       | H   | 170.0         | 11.8         |
| 4874.500000     | ---              | 38.25            | 54.00          | 15.75       | 100.0       | H   | 347.0         | 11.8         |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11n20\_Mid Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

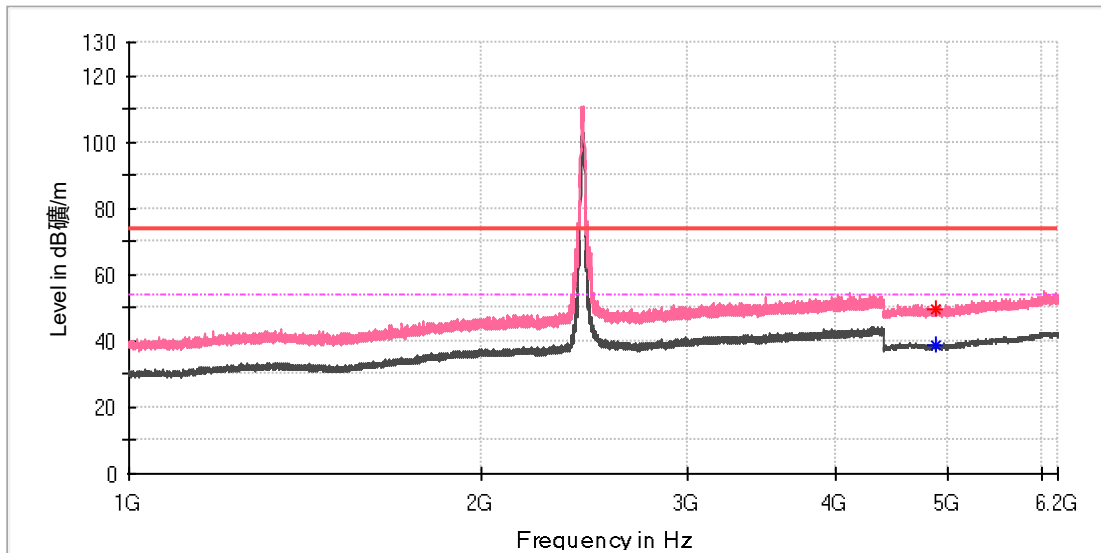
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7302.808333     | 45.21            | ---              | 74.00          | 28.79       | 100.0       | H   | 248.0         | 8.3          |
| 7307.233333     | ---              | 36.15            | 54.00          | 17.85       | 100.0       | H   | 248.0         | 8.3          |

### Final\_Result

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

### EUT Information

|                |                              |
|----------------|------------------------------|
| EUT Name:      | Control Extender             |
| Model:         | EL-IO-200                    |
| Test Mode:     | Wi-Fi 2.4G 11n20_Mid Channel |
| Test Voltage:: | 120V/60Hz                    |
| Remark:        | Temp 23 Humi:49%             |
| Test Standard: | FCC 15.247                   |
| Tested By:     | Kei Zhang                    |
| Reviewed By:   | Terry Yin                    |



### Critical\_Freqs

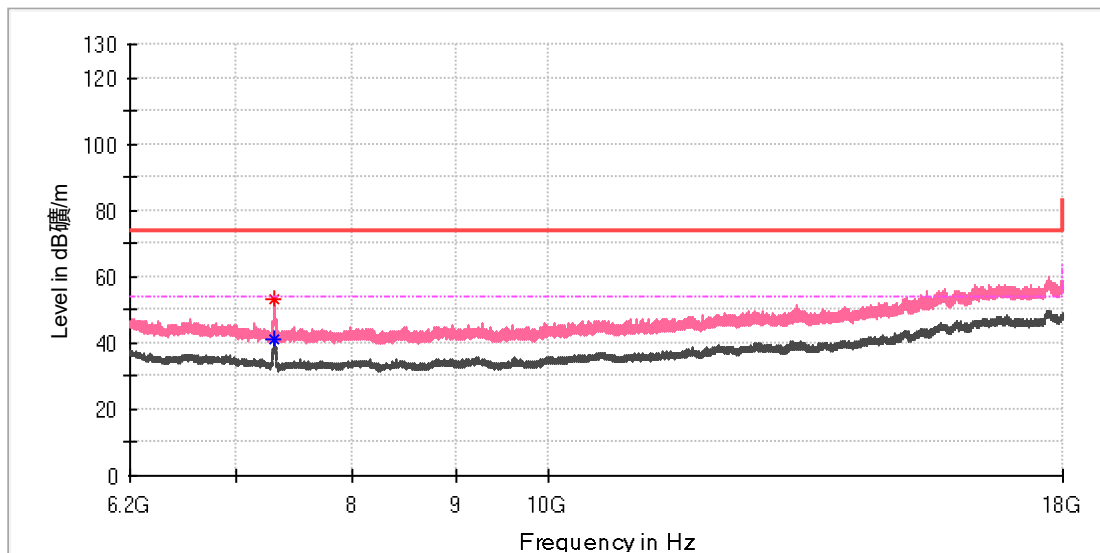
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4872.500000     | ---              | 38.43            | 54.00          | 15.57       | 100.0       | V   | 254.0         | 11.8         |
| 4876.000000     | 49.73            | ---              | 74.00          | 24.27       | 100.0       | V   | 194.0         | 11.8         |

### Final\_Result

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

### EUT Information

|                |                              |
|----------------|------------------------------|
| EUT Name:      | Control Extender             |
| Model:         | EL-IO-200                    |
| Test Mode:     | Wi-Fi 2.4G 11n20_Mid Channel |
| Test Voltage:: | 120V/60Hz                    |
| Remark:        | Temp 23 Humi:55%             |
| Test Standard: | FCC 15.247                   |
| Tested By:     | Alano Qu                     |
| Reviewed By:   | Terry Yin                    |



### Critical\_Freqs

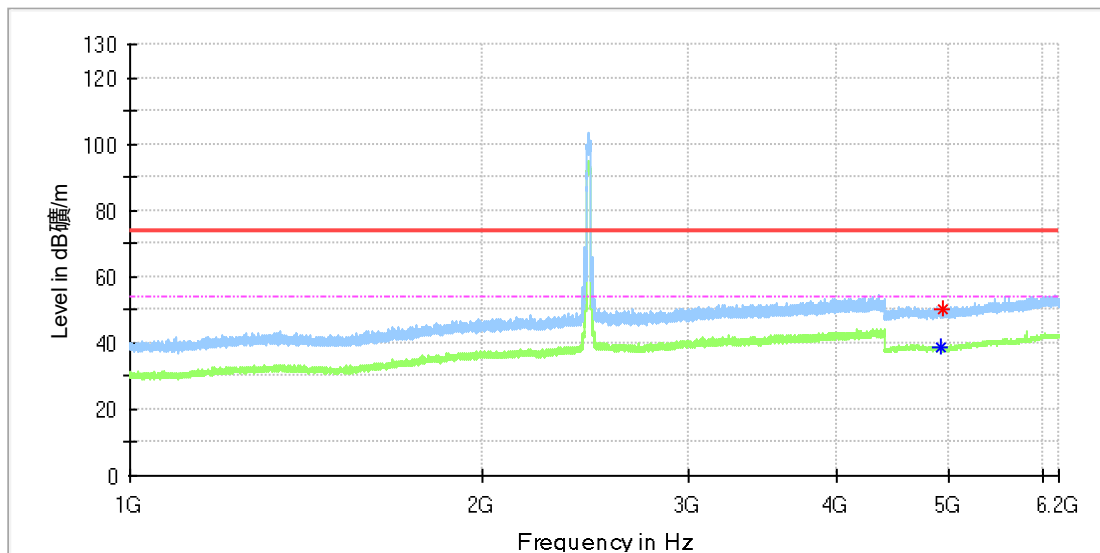
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7303.791667     | 53.05            | ---              | 74.00          | 20.95       | 100.0       | V   | 266.0         | 8.3          |
| 7311.658333     | ---              | 41.08            | 54.00          | 12.92       | 100.0       | V   | 150.0         | 8.2          |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11n20\_High Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:48%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

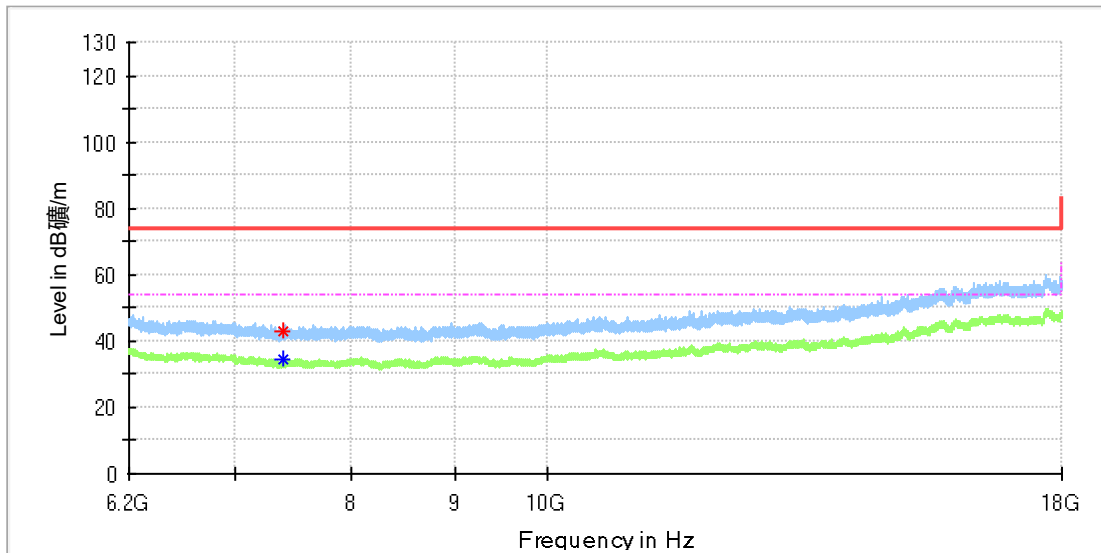
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4923.000000     | ---              | 38.62            | 54.00          | 15.38       | 100.0       | H   | 207.0         | 11.8         |
| 4928.000000     | 50.11            | ---              | 74.00          | 23.89       | 100.0       | H   | 157.0         | 11.8         |

### Final\_Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11n20\_High Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7387.866667     | 42.91            | ---              | 74.00          | 31.09       | 100.0       | H   | 354.0         | 8.2          |
| 7397.208333     | ---              | 34.73            | 54.00          | 19.27       | 100.0       | H   | 181.0         | 8.3          |

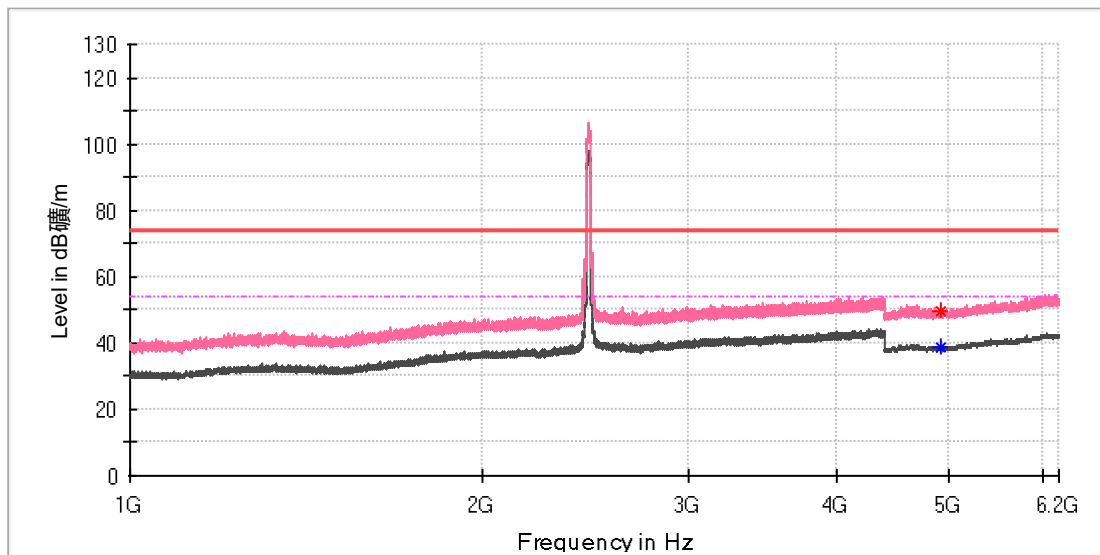
### Final\_Result

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



### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11n20\_High Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:48%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

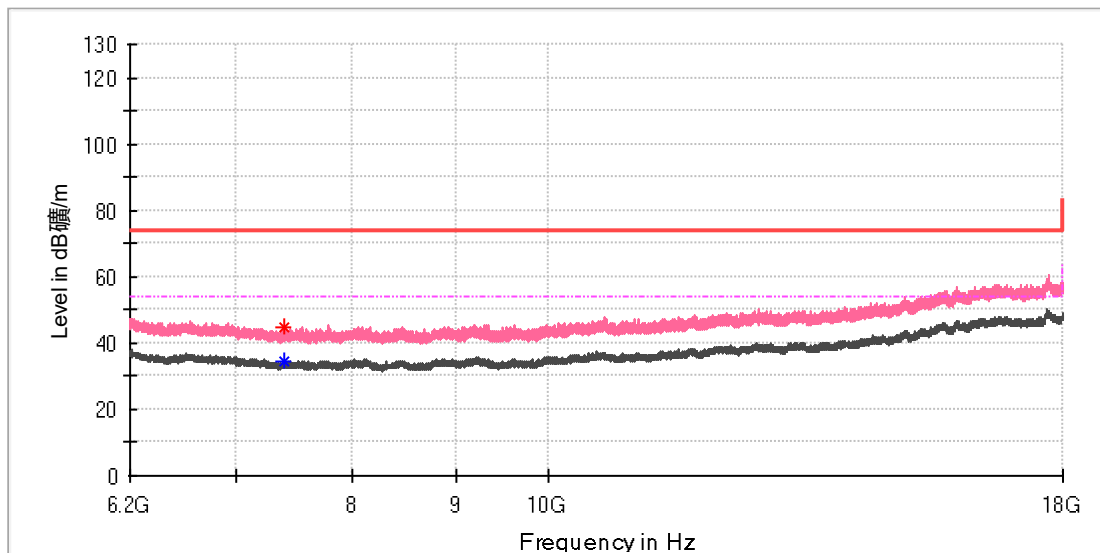
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4924.000000     | ---              | 38.68            | 54.00          | 15.32       | 100.0       | V   | 251.0         | 11.8         |
| 4925.500000     | 49.33            | ---              | 74.00          | 24.67       | 100.0       | V   | 243.0         | 11.8         |

### Final\_Result

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

## EUT Information

|                |                               |
|----------------|-------------------------------|
| EUT Name:      | Control Extender              |
| Model:         | EL-IO-200                     |
| Test Mode:     | Wi-Fi 2.4G 11n20_High Channel |
| Test Voltage:: | 120V/60Hz                     |
| Remark:        | Temp 23 Humi:55%              |
| Test Standard: | FCC 15.247                    |
| Tested By:     | Alano Qu                      |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7387.866667     | ---              | 34.68            | 54.00          | 19.32       | 100.0       | V   | 260.0         | 8.2          |
| 7394.258333     | 44.86            | ---              | 74.00          | 29.14       | 100.0       | V   | 314.0         | 8.3          |

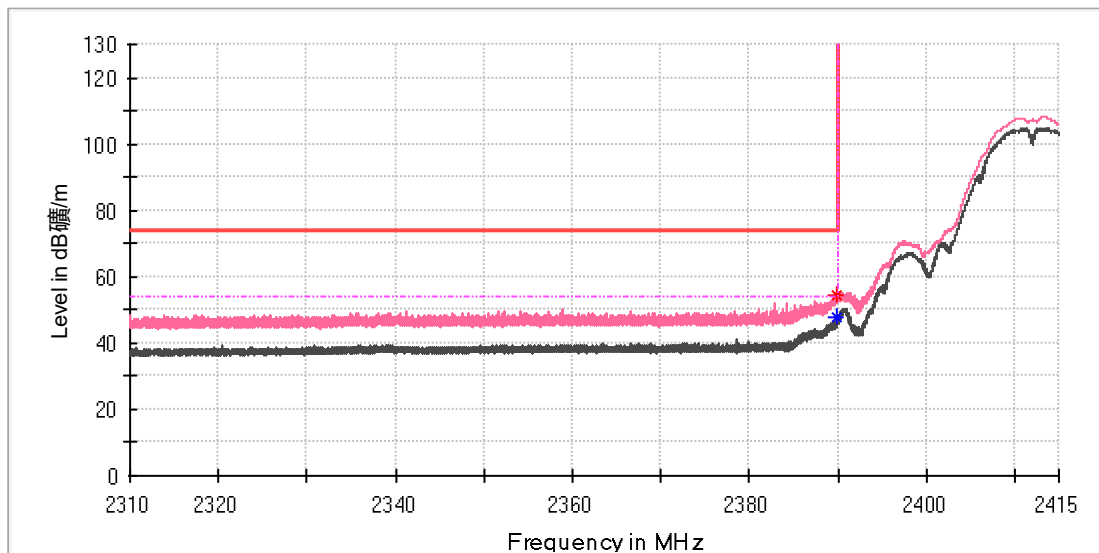
## Final\_Result

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



### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11b\_Low Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:49%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

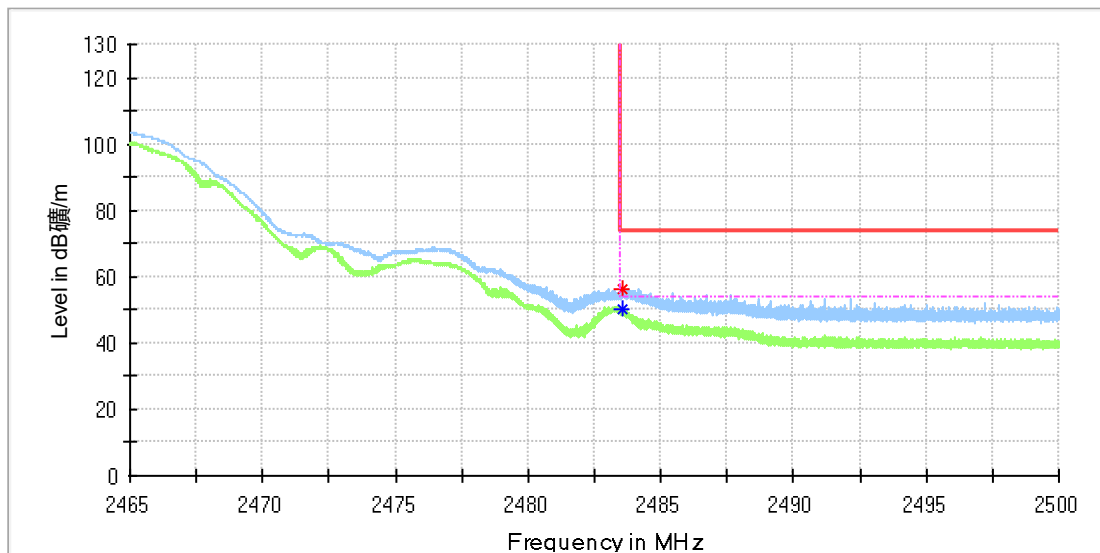
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.773750     | 54.23            | ---              | 74.00          | 19.77       | 100.0       | V   | 158.0         | 7.0          |
| 2389.977188     | ---              | 47.55            | 54.00          | 6.45        | 100.0       | V   | 158.0         | 7.0          |

### Final\_Result

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

### EUT Information

|                |                             |
|----------------|-----------------------------|
| EUT Name:      | Control Extender            |
| Model:         | EL-IO-200                   |
| Test Mode:     | Wi-Fi 2.4G 11b_High Channel |
| Test Voltage:: | 120V/60Hz                   |
| Remark:        | Temp 23 Humi:49%            |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.550000     | ---              | 50.15            | 54.00          | 3.85        | 100.0       | H   | 153.0         | 7.4          |
| 2483.582813     | 55.98            | ---              | 74.00          | 18.02       | 100.0       | H   | 165.0         | 7.4          |

### Final\_Result

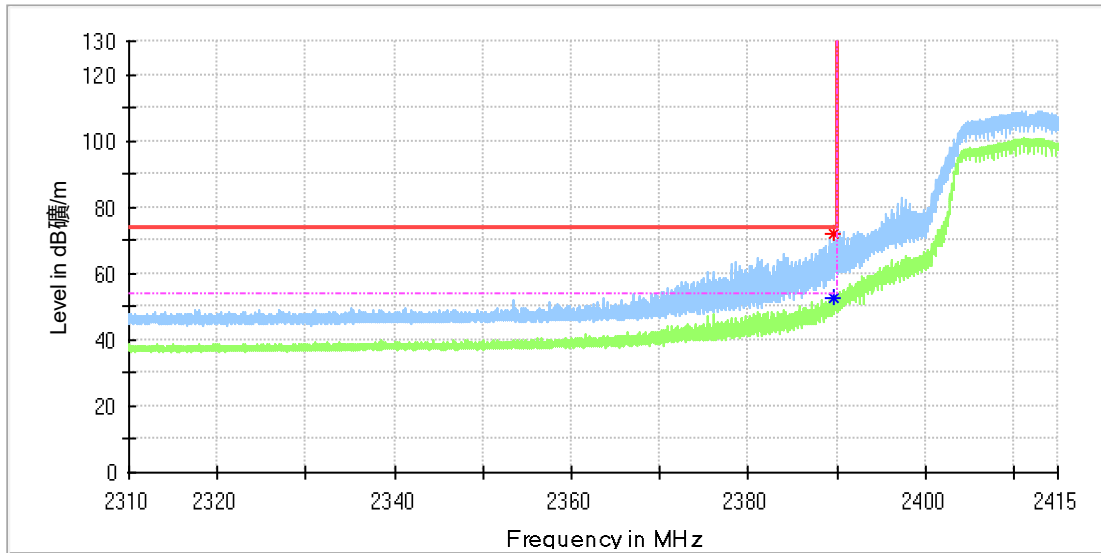
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---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



Wi-Fi 802.11 g mode, 6 Mbps

EUT Information

|                |                            |
|----------------|----------------------------|
| EUT Name:      | Control Extender           |
| Model:         | EL-IO-200                  |
| Test Mode:     | Wi-Fi 2.4G 11g_Low Channel |
| Test Voltage:: | 120V/60Hz                  |
| Remark:        | Temp 23 Humi:48%           |
| Test Standard: | FCC 15.247                 |
| Tested By:     | Alano Qu                   |
| Reviewed By:   | Terry Yin                  |



Critical Freqs

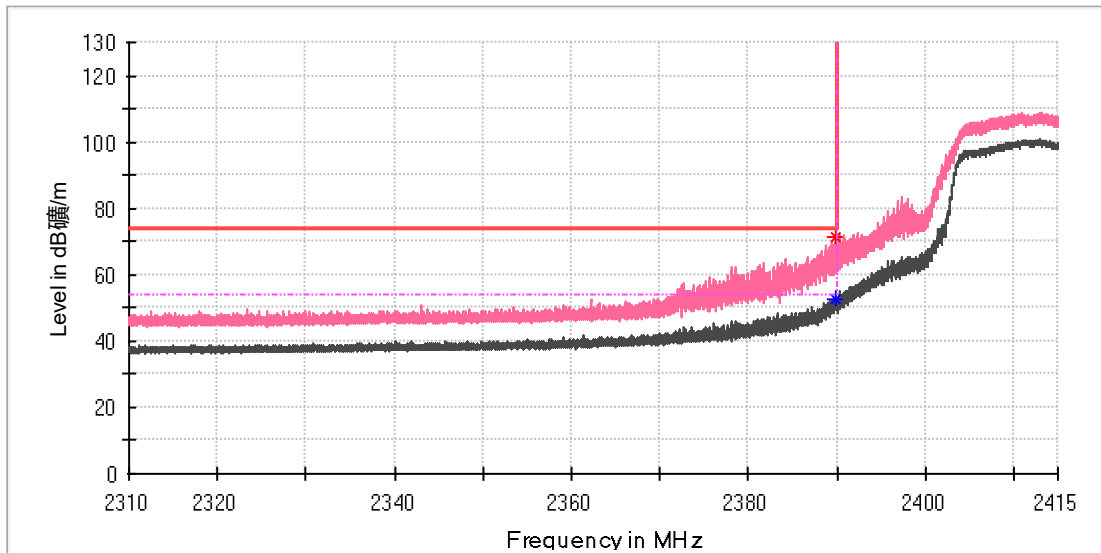
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.754063     | 72.13            | ---              | 74.00          | 1.87        | 100.0       | H   | 305.0         | 7.0          |
| 2389.760625     | ---              | 52.91            | 54.00          | 1.09        | 100.0       | H   | 305.0         | 7.0          |

Final Result

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

### EUT Information

|                |                            |
|----------------|----------------------------|
| EUT Name:      | Control Extender           |
| Model:         | EL-IO-200                  |
| Test Mode:     | Wi-Fi 2.4G 11g_Low Channel |
| Test Voltage:: | 120V/60Hz                  |
| Remark:        | Temp 23 Humi:48%           |
| Test Standard: | FCC 15.247                 |
| Tested By:     | Alano Qu                   |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.859063     | ---              | 52.86            | 54.00          | 1.14        | 100.0       | V   | 313.0         | 7.0          |
| 2389.878750     | 71.40            | ---              | 74.00          | 2.60        | 100.0       | V   | 313.0         | 7.0          |

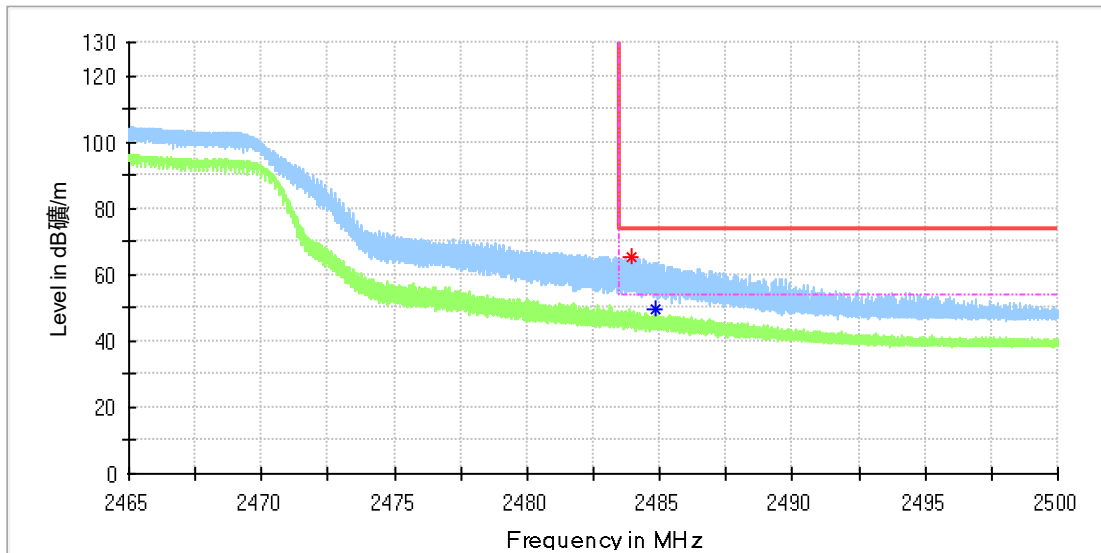
### Final\_Result

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



### EUT Information

|                |                             |
|----------------|-----------------------------|
| EUT Name:      | Control Extender            |
| Model:         | EL-IO-200                   |
| Test Mode:     | Wi-Fi 2.4G 11g_High Channel |
| Test Voltage:: | 120V/60Hz                   |
| Remark:        | Temp 23 Humi:48%            |
| Test Standard: | FCC 15.247                  |
| Tested By:     | Alano Qu                    |
| Reviewed By:   | Terry Yin                   |



### Critical\_Freqs

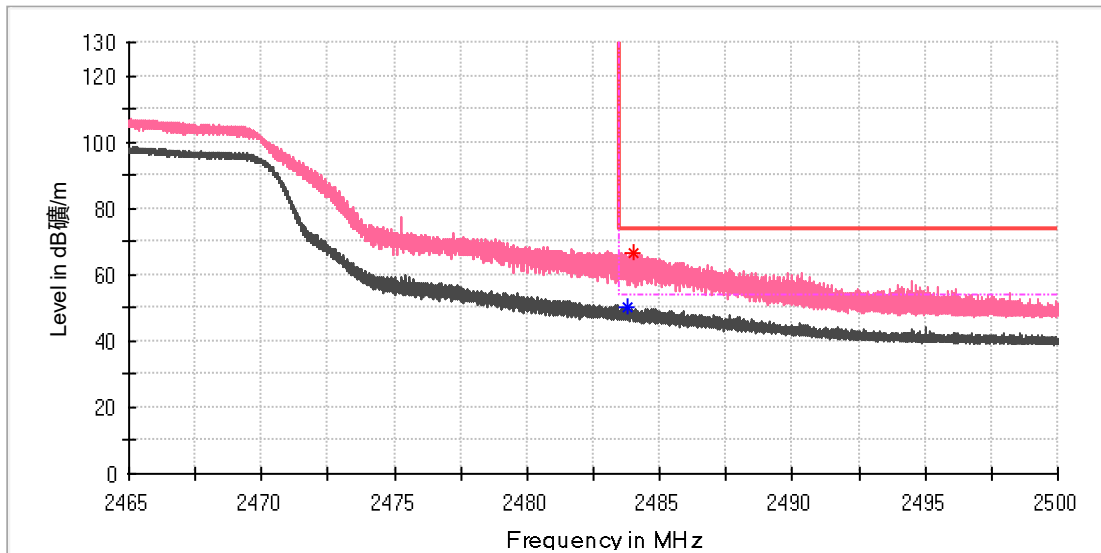
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.904375     | 65.19            | ---              | 74.00          | 8.81        | 100.0       | H   | 305.0         | 7.4          |
| 2484.825313     | ---              | 49.37            | 54.00          | 4.63        | 100.0       | H   | 305.0         | 7.4          |

### Final\_Result

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

### EUT Information

|                |                             |
|----------------|-----------------------------|
| EUT Name:      | Control Extender            |
| Model:         | EL-IO-200                   |
| Test Mode:     | Wi-Fi 2.4G 11g_High Channel |
| Test Voltage:: | 120V/60Hz                   |
| Remark:        | Temp 23 Humi:48%            |
| Test Standard: | FCC 15.247                  |
| Tested By:     | Alano Qu                    |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.764375     | ---              | 50.05            | 54.00          | 3.95        | 100.0       | V   | 320.0         | 7.4          |
| 2483.974375     | 66.44            | ---              | 74.00          | 7.56        | 100.0       | V   | 320.0         | 7.4          |

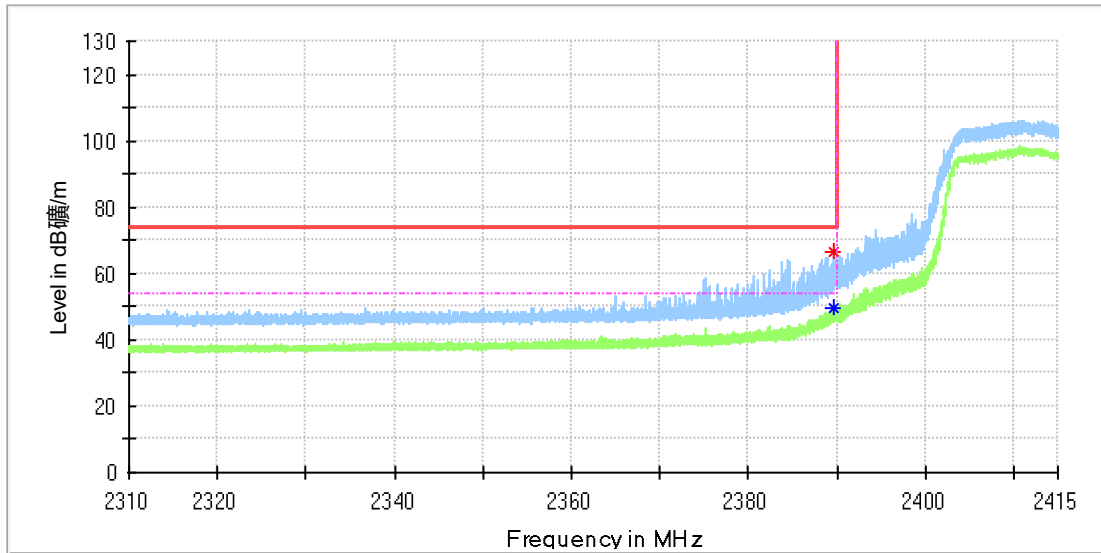
### Final\_Result

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

Wi-Fi 802.11 n(HT20) mode, MCS0

EUT Information

|                |                              |
|----------------|------------------------------|
| EUT Name:      | Control Extender             |
| Model:         | EL-IO-200                    |
| Test Mode:     | Wi-Fi 2.4G 11n20_Low Channel |
| Test Voltage:: | 120V/60Hz                    |
| Remark:        | Temp 23 Humi:48%             |
| Test Standard: | FCC 15.247                   |
| Tested By:     | Alano Qu                     |
| Reviewed By:   | Terry Yin                    |



Critical Freqs

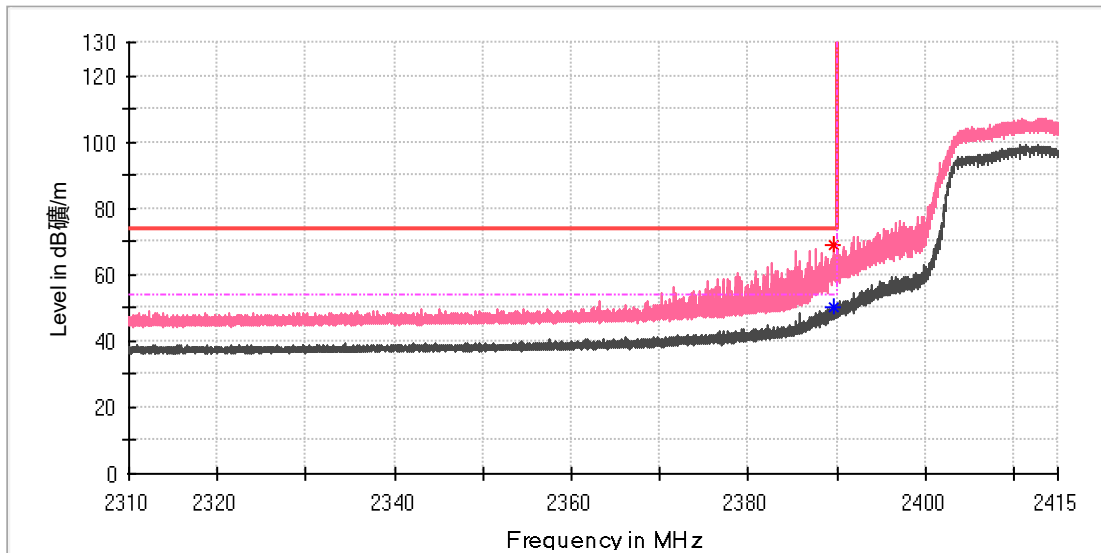
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.695000     | 66.25            | ---              | 74.00          | 7.75        | 100.0       | H   | 308.0         | 7.0          |
| 2389.727813     | ---              | 49.40            | 54.00          | 4.60        | 100.0       | H   | 308.0         | 7.0          |

Final Result

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

### EUT Information

EUT Name: Control Extender  
 Model: EL-IO-200  
 Test Mode: Wi-Fi 2.4G 11n20\_Low Channel  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:48%  
 Test Standard: FCC 15.247  
 Tested By: Alano Qu  
 Reviewed By: Terry Yin



### Critical\_Freqs

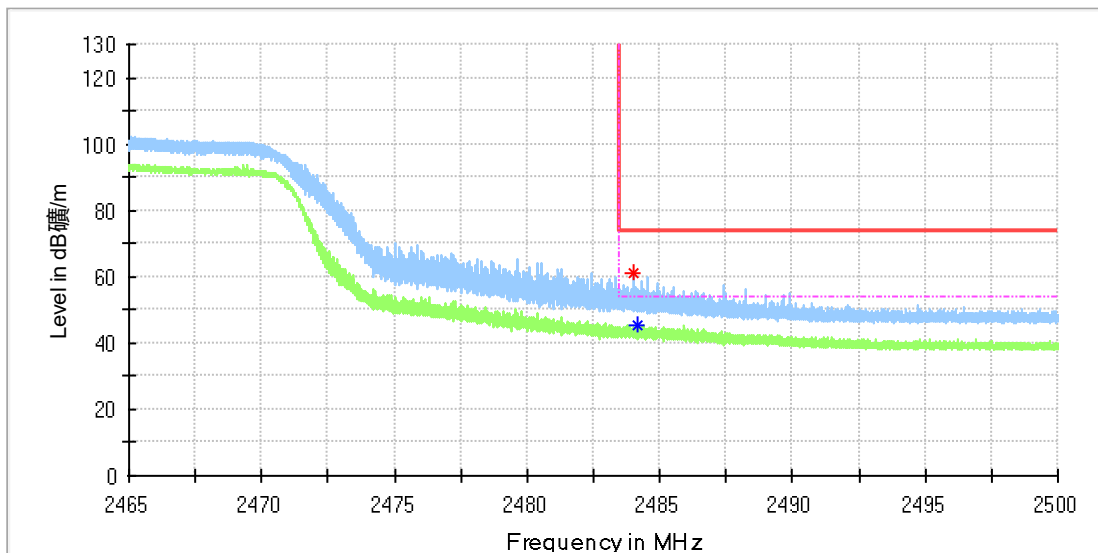
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.681875     | ---              | 50.45            | 54.00          | 3.55        | 100.0       | V   | 320.0         | 7.0          |
| 2389.629375     | 68.92            | ---              | 74.00          | 5.08        | 100.0       | V   | 331.0         | 7.0          |

### Final\_Result

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

### EUT Information

|                |                               |
|----------------|-------------------------------|
| EUT Name:      | Control Extender              |
| Model:         | EL-IO-200                     |
| Test Mode:     | Wi-Fi 2.4G 11n20_High Channel |
| Test Voltage:: | 120V/60Hz                     |
| Remark:        | Temp 23 Humi:48%              |
| Test Standard: | FCC 15.247                    |
| Tested By:     | Alano Qu                      |
| Reviewed By:   | Terry Yin                     |



### Critical\_Freqs

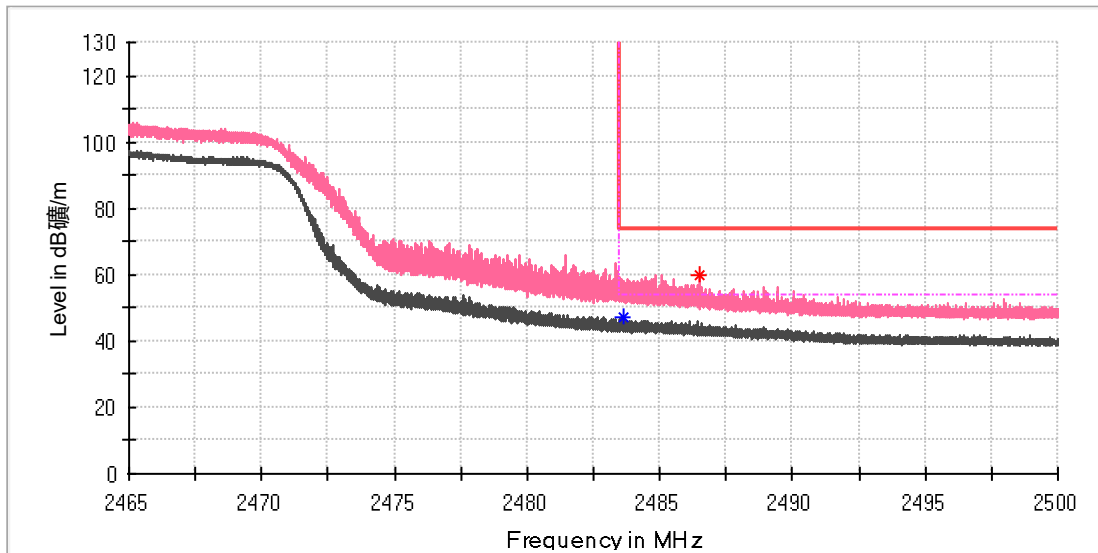
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.033438     | 61.05            | ---              | 74.00          | 12.95       | 100.0       | H   | 318.0         | 7.4          |
| 2484.158125     | ---              | 45.20            | 54.00          | 8.80        | 100.0       | H   | 305.0         | 7.4          |

### Final\_Result

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

### EUT Information

|                |                               |
|----------------|-------------------------------|
| EUT Name:      | Control Extender              |
| Model:         | EL-IO-200                     |
| Test Mode:     | Wi-Fi 2.4G 11n20_High Channel |
| Test Voltage:: | 120V/60Hz                     |
| Remark:        | Temp 23 Humi:48%              |
| Test Standard: | FCC 15.247                    |
| Tested By:     | Alano Qu                      |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.602500     | ---              | 47.14            | 54.00          | 6.86        | 100.0       | V   | 327.0         | 7.4          |
| 2486.463750     | 59.92            | ---              | 74.00          | 14.08       | 100.0       | V   | 327.0         | 7.4          |

### Final\_Result

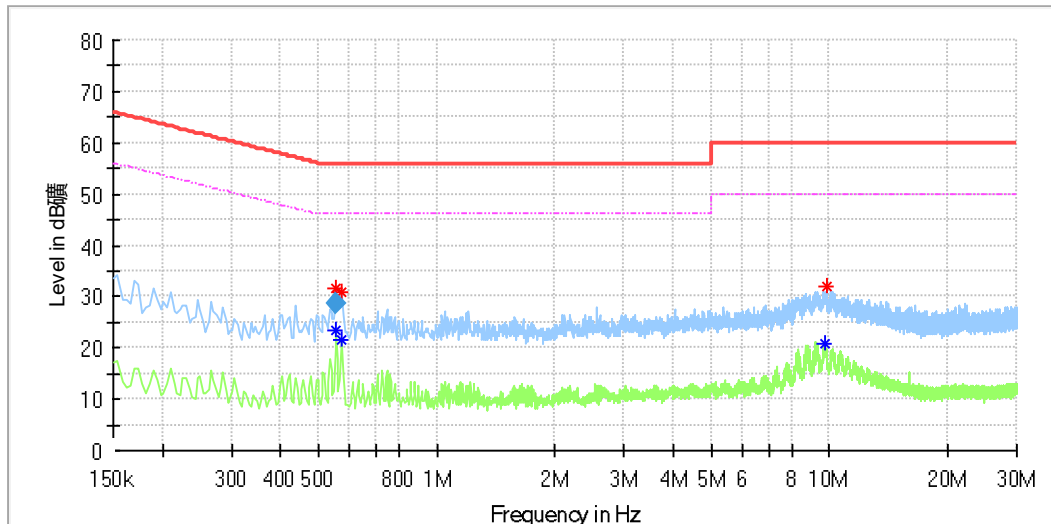
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---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

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

Wi-Fi 802.11 b/g/n connecting mode

### EUT Information

|                |                    |
|----------------|--------------------|
| EUT Name:      | Control Extender   |
| Model:         | EL-IO-200          |
| Sample No      | A002938509-003     |
| Test Mode:     | WIFI2.4G connected |
| Test Voltage:  | 120V/60Hz          |
| Remark:        | Temp:23.1;Humi:52% |
| Test standard: | FCC 15C            |
| Tested By:     | Xlqiang Ma         |
| Reviewed by    | Terry Yin          |



### Critical\_Freqs

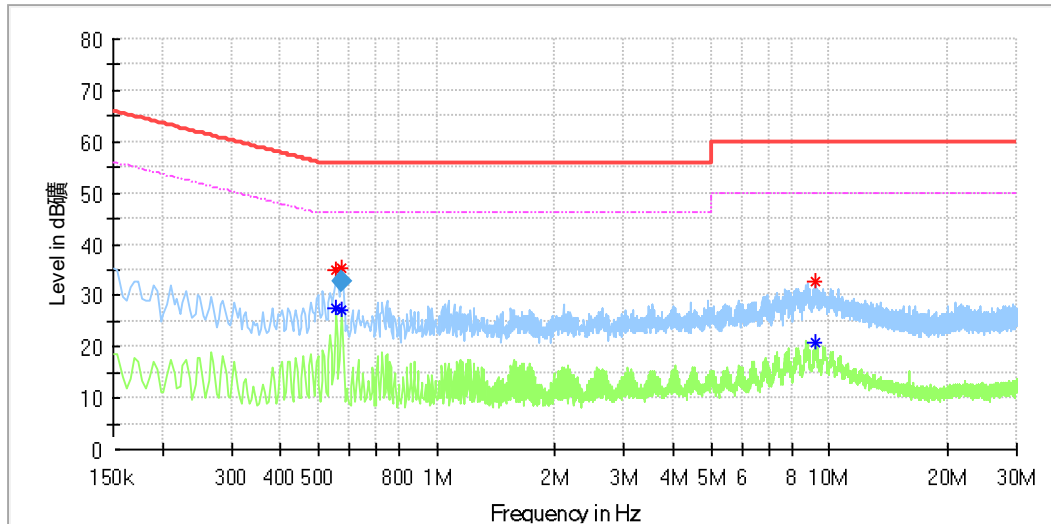
| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Bandwidth (kHz) | Line |
|-----------------|----------------|----------------|--------------|-------------|-----------------|------|
| 0.553500        | 31.72          | ---            | 56.00        | 24.28       | ---             | L1   |
| 0.554000        | ---            | 23.26          | 46.00        | 22.74       | ---             | L1   |
| 0.574000        | ---            | 21.69          | 46.00        | 24.31       | ---             | L1   |
| 0.574000        | 30.71          | ---            | 56.00        | 25.29       | ---             | L1   |
| 9.718000        | ---            | 20.97          | 50.00        | 29.03       | ---             | L1   |
| 9.894000        | 31.84          | ---            | 60.00        | 28.16       | ---             | L1   |

### Final\_Result

| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|
| 0.553500        | 28.49            | ---            | 56.00        | 27.51       | 1000.0          | 9.000           | L1   |

### EUT Information

|                |                    |
|----------------|--------------------|
| EUT Name:      | Control Extender   |
| Model:         | EL-IO-200          |
| Sample No      | A002938509-003     |
| Test Mode:     | WIFI2.4G connected |
| Test Voltage:  | 120V/60Hz          |
| Remark:        | Temp:23.1;Humi:52% |
| Test standard: | FCC 15C            |
| Tested By:     | Xlqiang Ma         |
| Reviewed by    | Terry Yin          |



### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Bandwidth (kHz) | Line |
|-----------------|----------------|----------------|--------------|-------------|-----------------|------|
| 0.554000        | ---            | 27.51          | 46.00        | 18.49       | ---             | N    |
| 0.554000        | 34.92          | ---            | 56.00        | 21.08       | ---             | N    |
| 0.573500        | 35.52          | ---            | 56.00        | 20.48       | ---             | N    |
| 0.574000        | ---            | 27.01          | 46.00        | 18.99       | ---             | N    |
| 9.182000        | ---            | 20.66          | 50.00        | 29.34       | ---             | N    |
| 9.202000        | 32.77          | ---            | 60.00        | 27.23       | ---             | N    |

### Final\_Result

| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|
| 0.573500        | 32.70            | ---            | 56.00        | 23.30       | 1000.0          | 9.000           | N    |