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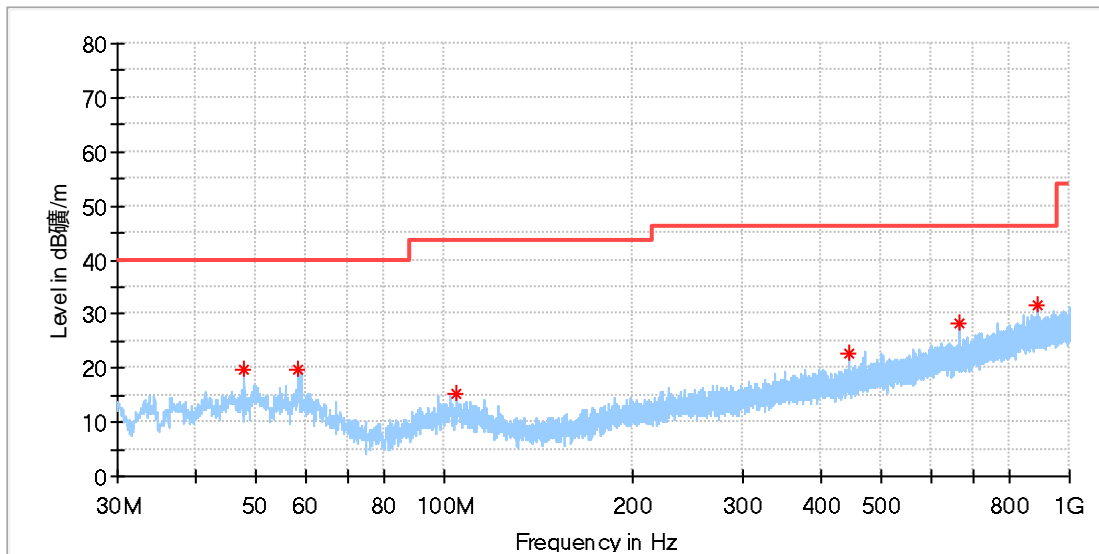
Appendix A.1: Test Results of Radiated Spurious Emissions

Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. 2. This testing was carried out on different modulations, but only the worst case was presented in this report.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

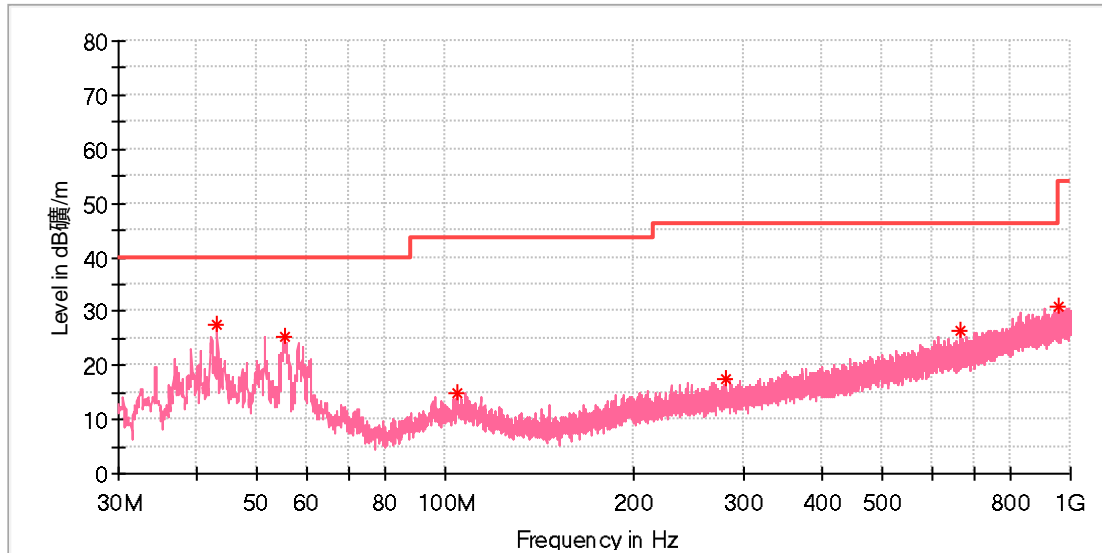


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.848000	19.60	40.00	20.40	100.0	H	50.0	-18.4
58.324000	19.61	40.00	20.39	100.0	H	222.0	-18.8
104.787000	15.20	43.50	28.30	100.0	H	101.0	-18.8
444.820500	22.58	46.00	23.42	100.0	H	237.0	-13.1
667.290000	28.38	46.00	17.62	100.0	H	262.0	-8.7
889.662500	31.67	46.00	14.33	100.0	H	262.0	-5.1

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

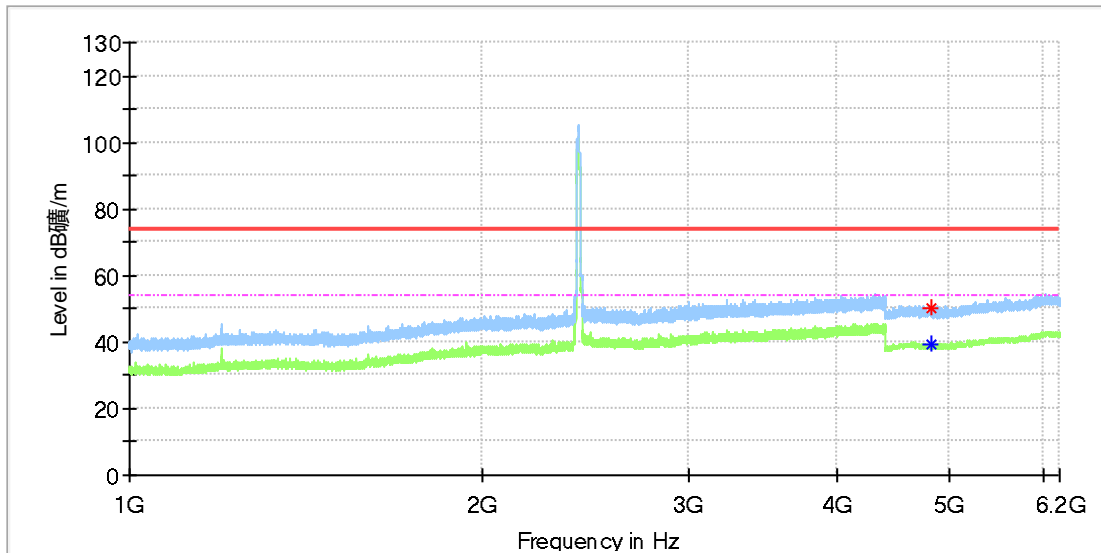
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.095000	27.50	40.00	12.50	100.0	V	315.0	-19.3
55.171500	25.15	40.00	14.85	100.0	V	17.0	-18.5
104.690000	14.99	43.50	28.51	100.0	V	315.0	-18.8
281.715000	17.60	46.00	28.40	100.0	V	228.0	-16.6
667.241500	26.60	46.00	19.40	100.0	V	193.0	-8.7
953.294500	30.83	46.00	15.17	100.0	V	343.0	-4.3

1GHz - 18GHz

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

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

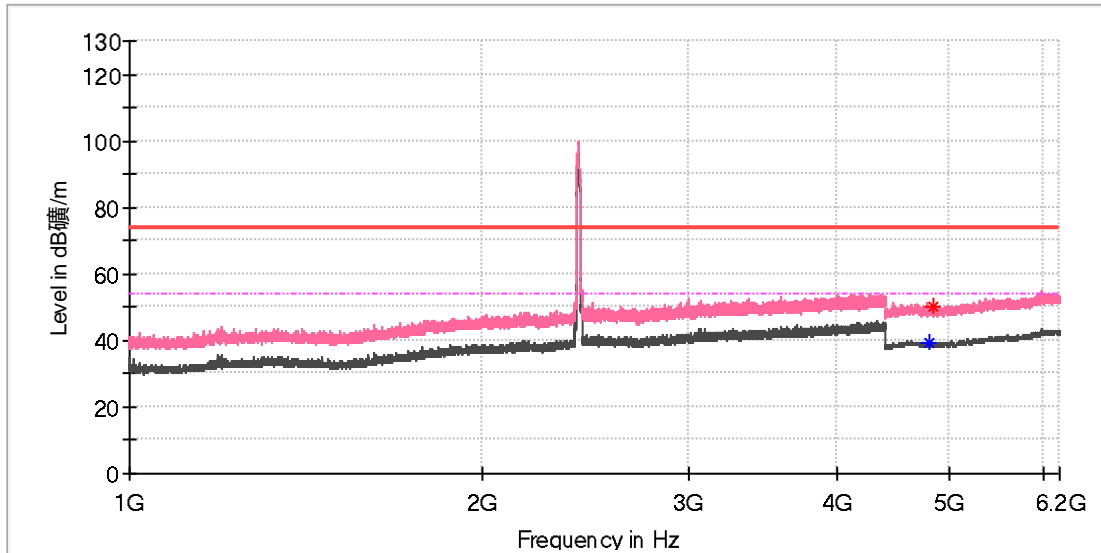


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4822.500000	50.15	---	74.00	23.85	100.0	H	264.0	11.8
4824.000000	---	39.27	54.00	14.73	100.0	H	235.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

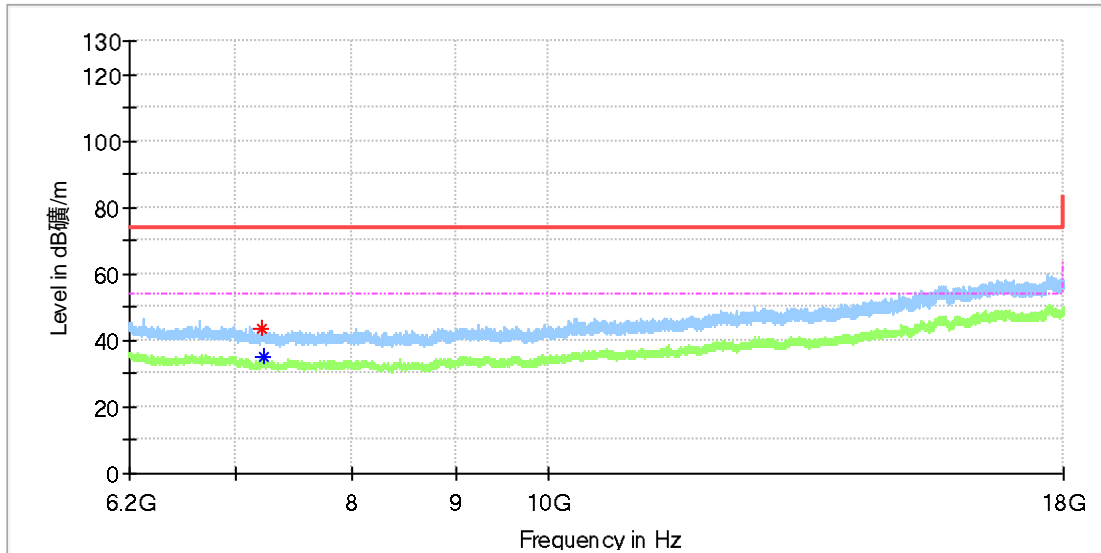


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.000000	---	39.13	54.00	14.87	100.0	V	249.0	11.8
4831.500000	50.42	---	74.00	23.58	100.0	V	213.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

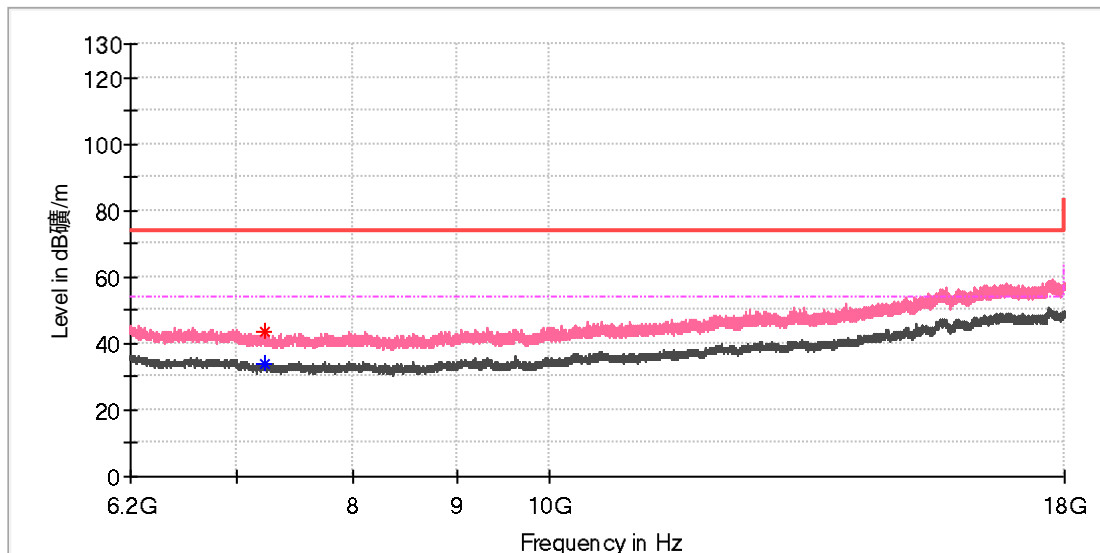


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7215.783333	43.52	---	74.00	30.48	100.0	H	235.0	8.7
7222.666667	---	34.83	54.00	19.17	100.0	H	271.0	8.7

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

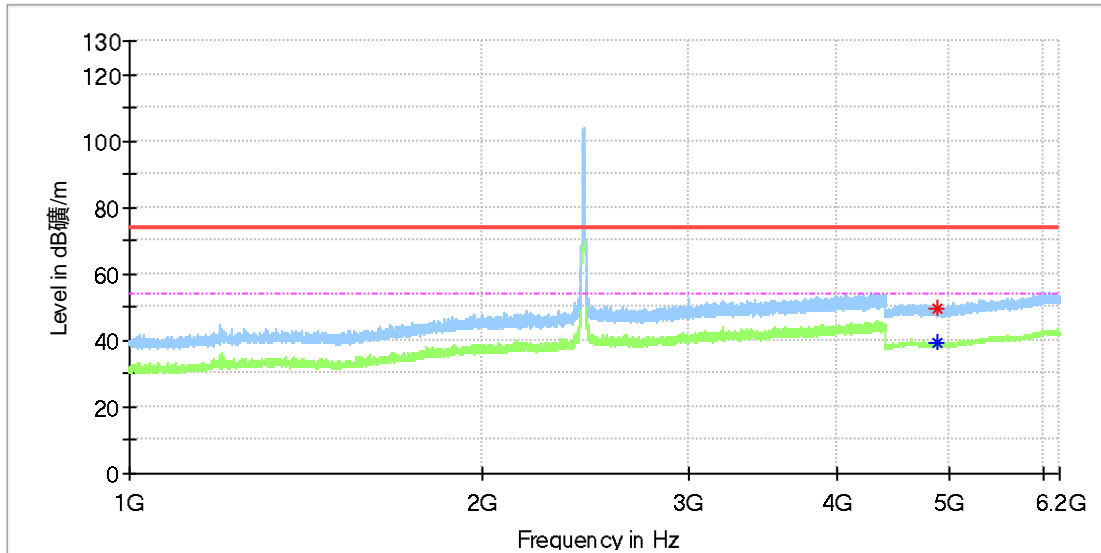


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7223.158333	43.25	---	74.00	30.75	100.0	V	178.0	8.7
7224.141667	---	33.65	54.00	20.35	100.0	V	2.0	8.7

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

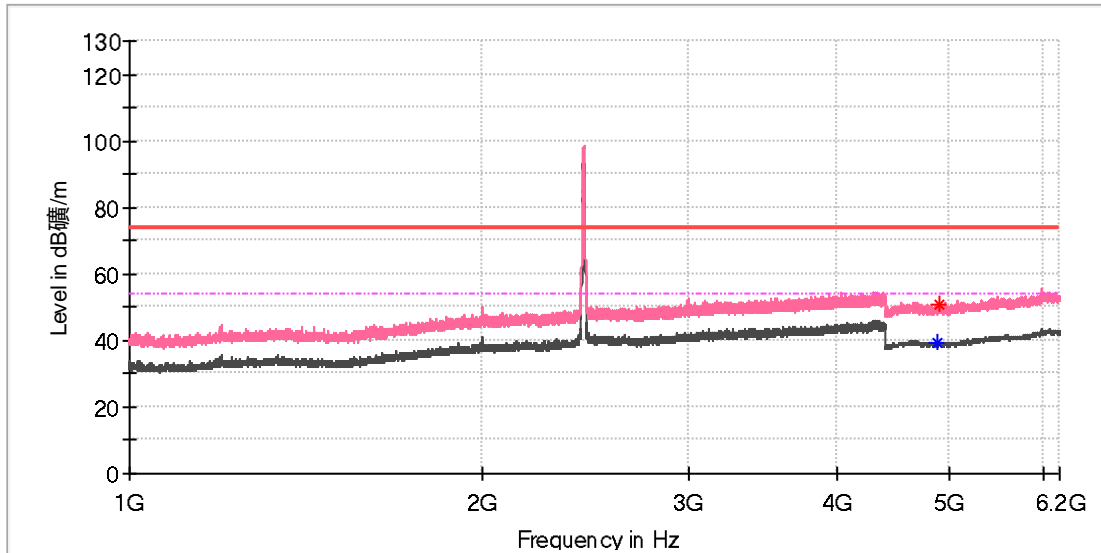


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	---	39.27	54.00	14.73	100.0	H	18.0	11.8
4878.000000	49.66	---	74.00	24.34	100.0	H	2.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

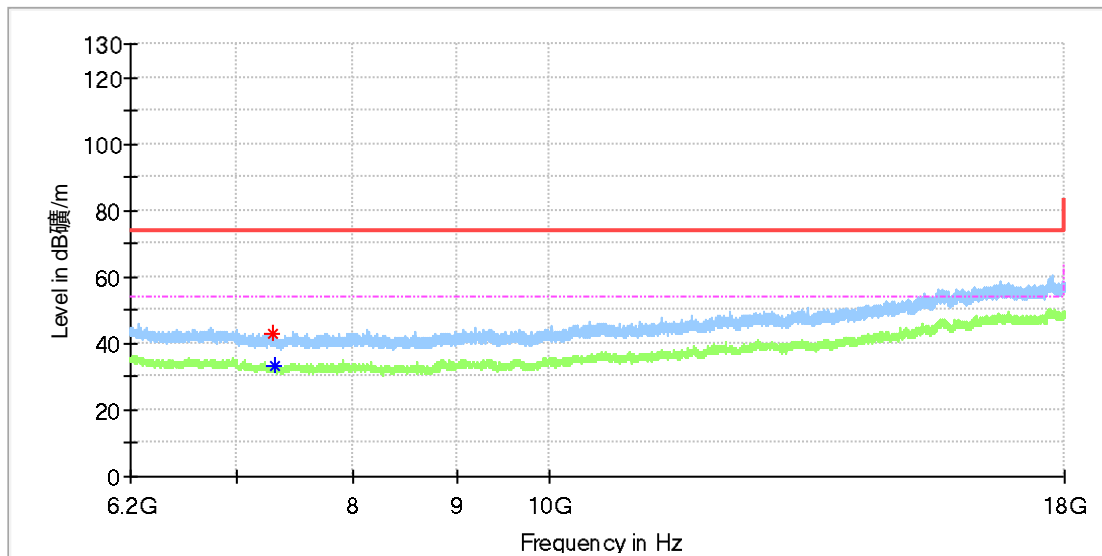


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	---	39.12	54.00	14.88	100.0	V	323.0	11.8
4898.500000	50.74	---	74.00	23.26	100.0	V	255.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

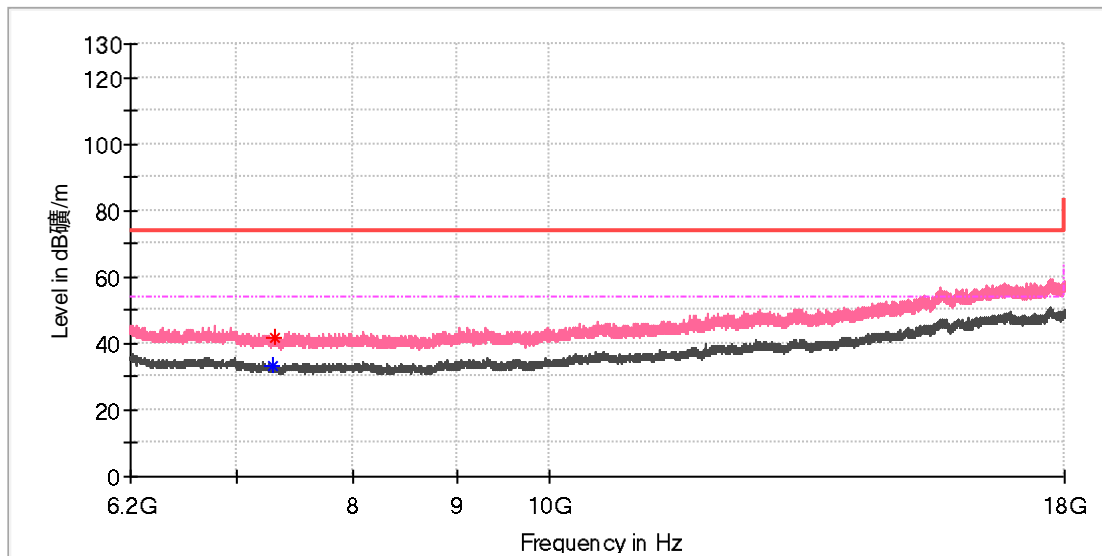


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7288.058333	42.88	---	74.00	31.12	100.0	H	197.0	8.4
7305.266667	---	33.39	54.00	20.61	100.0	H	162.0	8.3

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

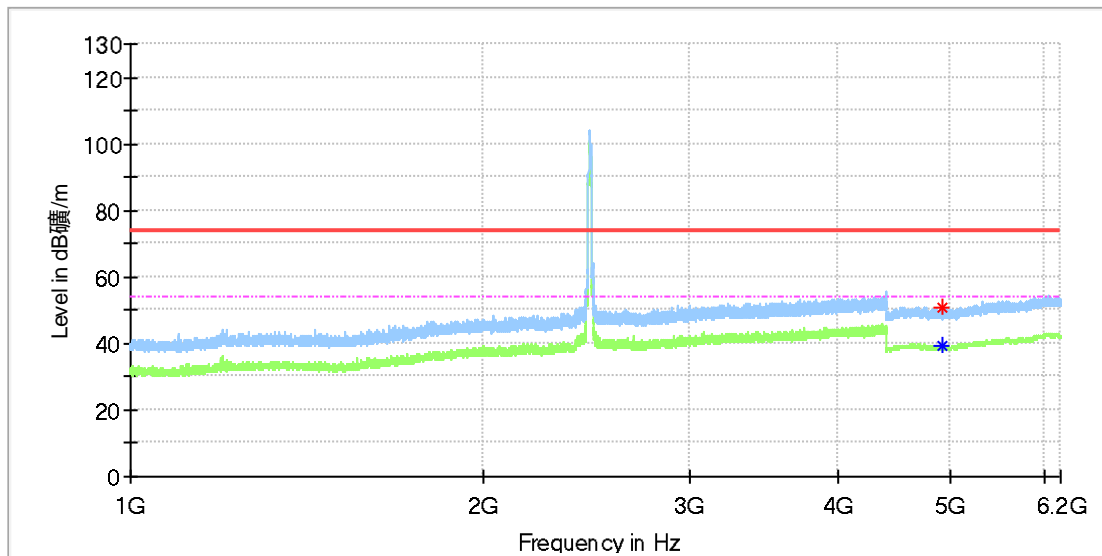


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7299.858333	---	33.24	54.00	20.76	100.0	V	125.0	8.3
7317.066667	42.02	---	74.00	31.98	100.0	V	51.0	8.2

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

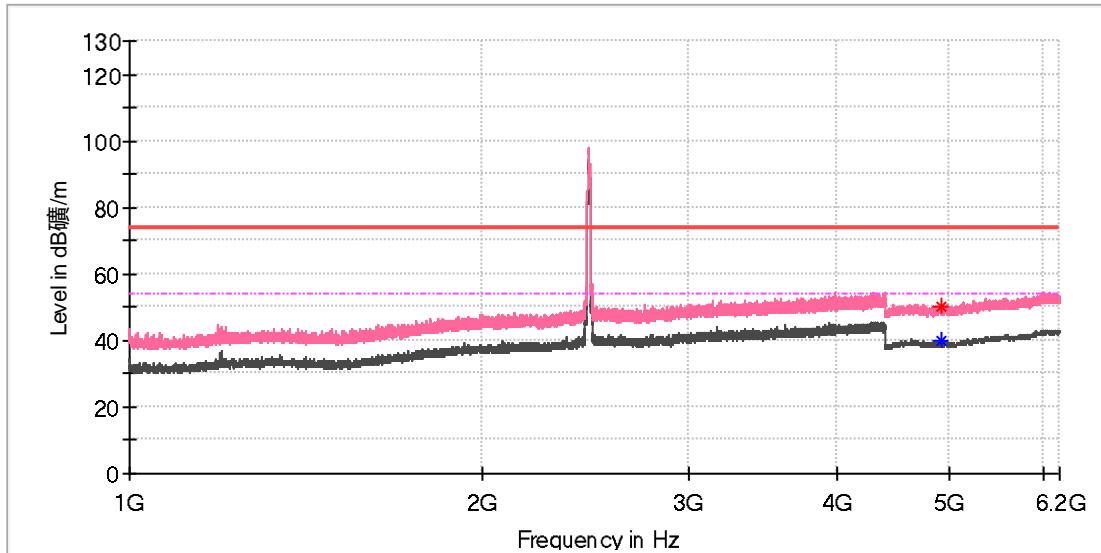


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.500000	50.56	---	74.00	23.44	100.0	H	283.0	11.8
4925.000000	---	39.11	54.00	14.89	100.0	H	126.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

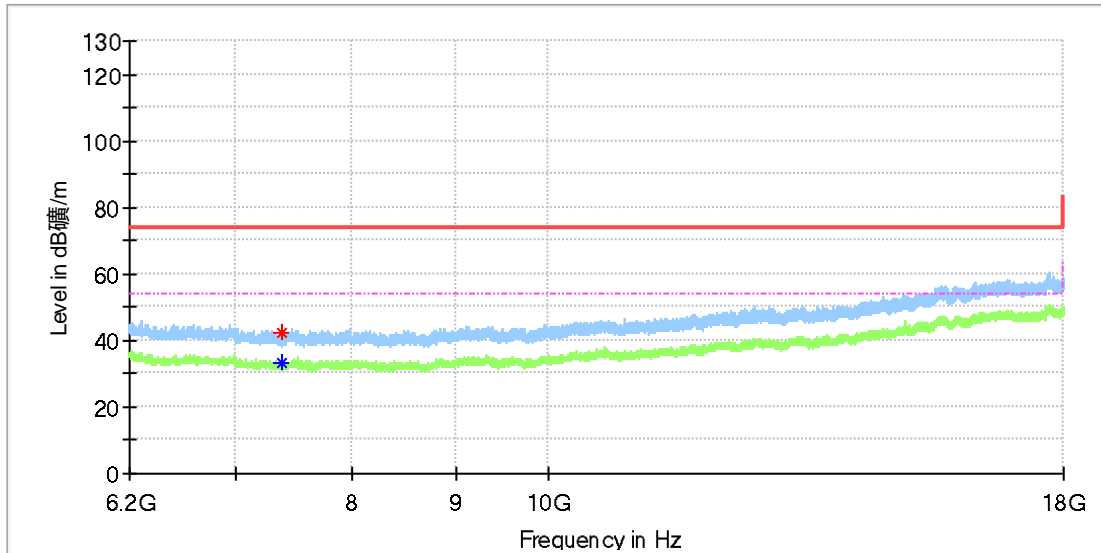


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.500000	50.25	---	74.00	23.75	100.0	V	104.0	11.8
4924.000000	---	39.84	54.00	14.16	100.0	V	306.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

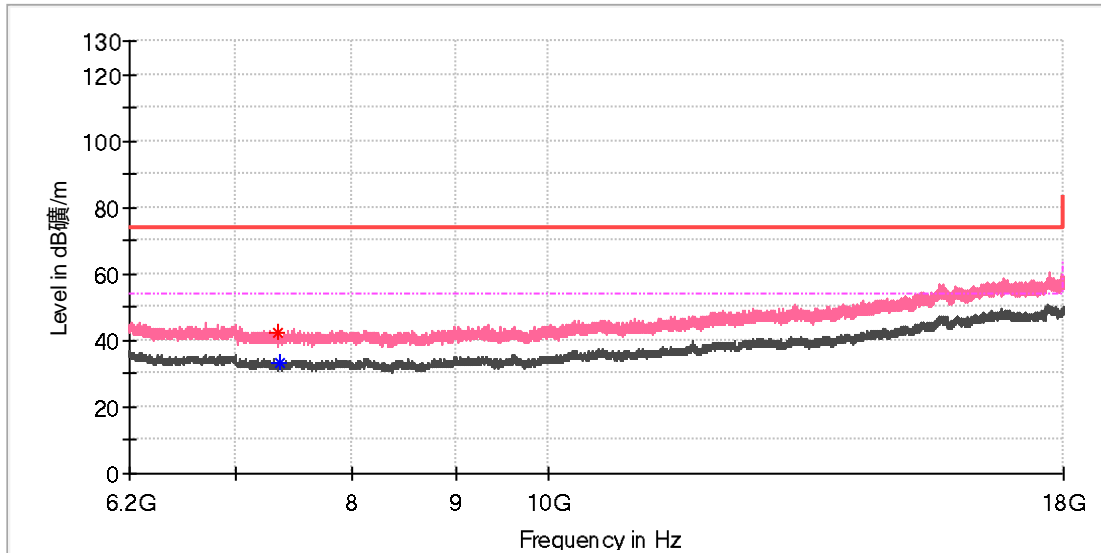


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7369.675000	---	33.33	54.00	20.67	100.0	H	49.0	8.2
7373.116667	42.31	---	74.00	31.69	100.0	H	197.0	8.2

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

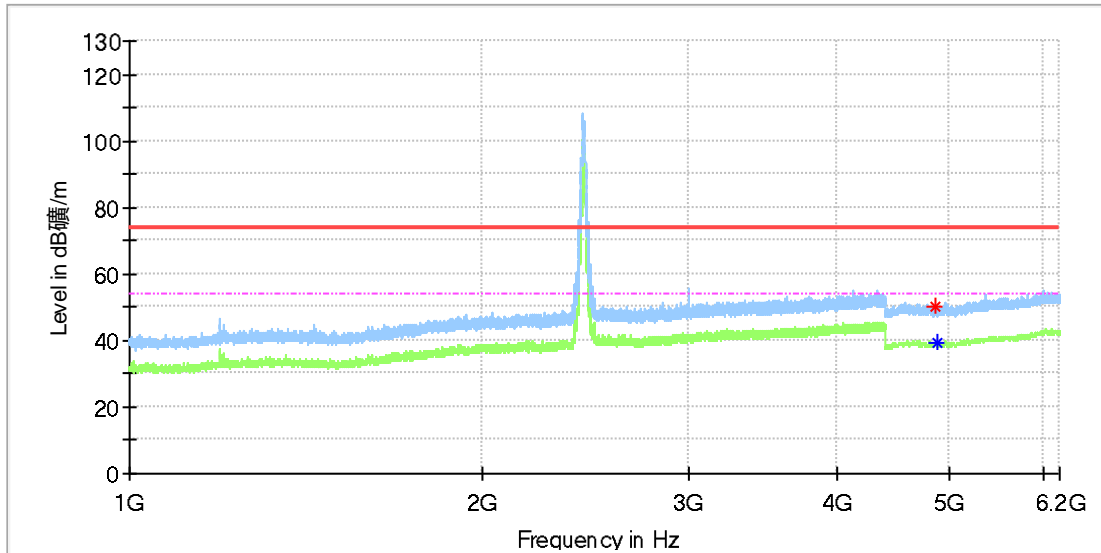


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7350.500000	42.47	---	74.00	31.53	100.0	V	313.0	8.1
7366.725000	---	33.53	54.00	20.47	100.0	V	176.0	8.2

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

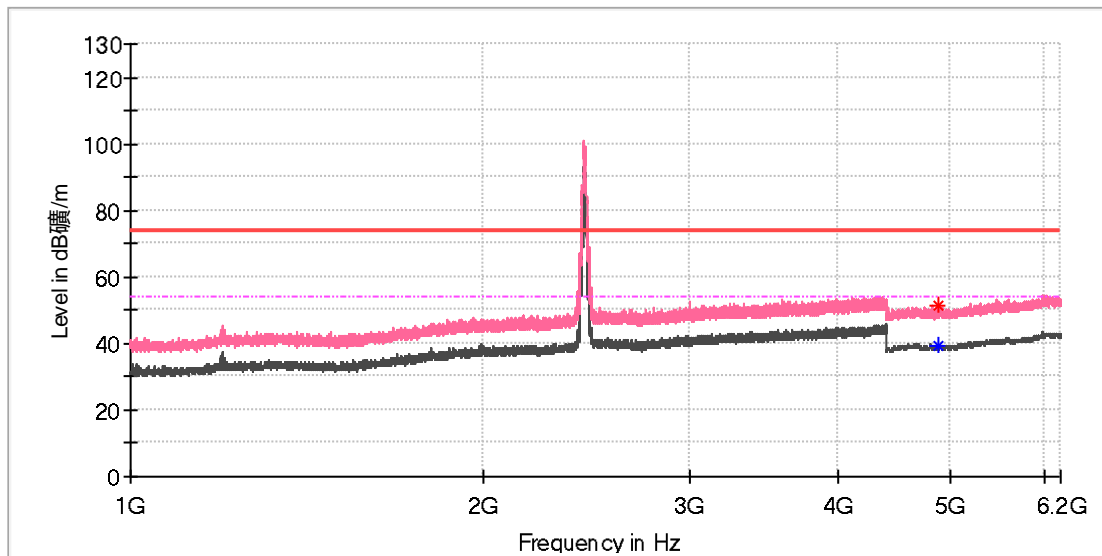


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4864.500000	50.26	---	74.00	23.74	100.0	H	41.0	11.8
4879.500000	---	39.21	54.00	14.79	100.0	H	175.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

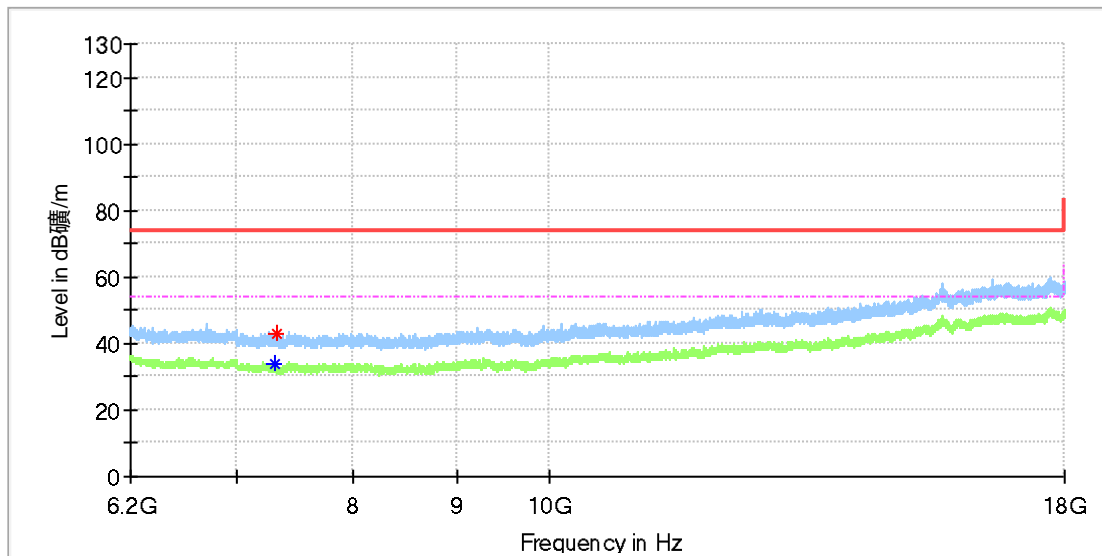


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	---	39.57	54.00	14.43	100.0	V	49.0	11.8
4882.000000	51.09	---	74.00	22.91	100.0	V	96.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

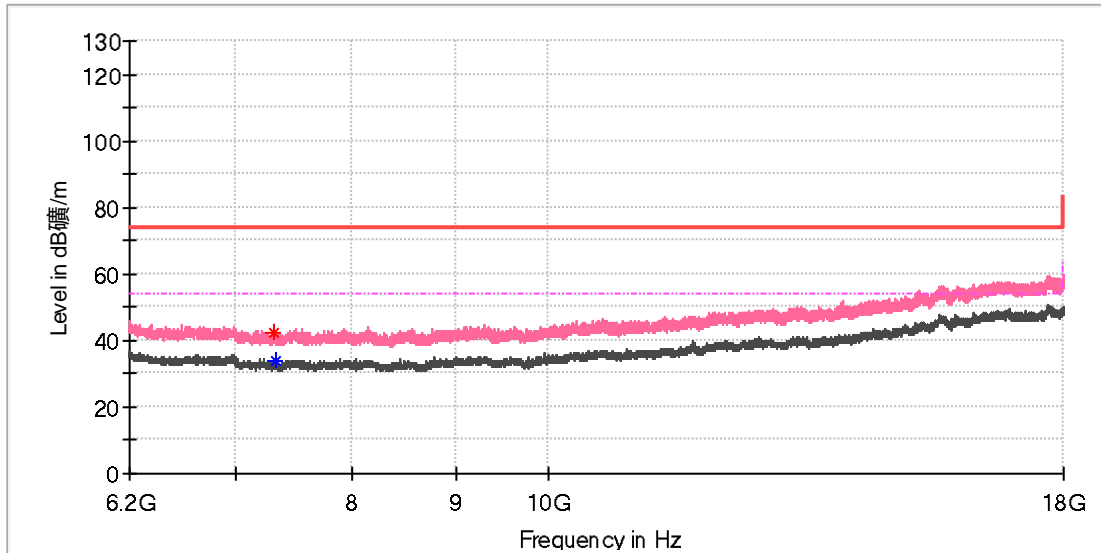


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7315.591667	---	33.95	54.00	20.05	100.0	H	342.0	8.2
7333.291667	42.76	---	74.00	31.24	100.0	H	355.0	8.1

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

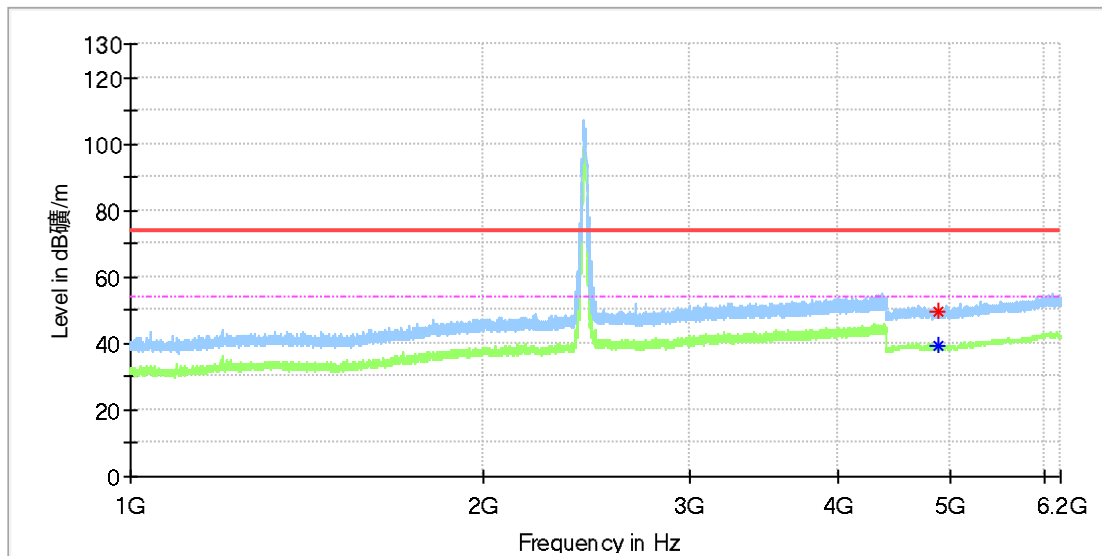


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.691667	42.05	---	74.00	31.96	100.0	V	101.0	8.2
7320.508333	---	34.02	54.00	19.98	100.0	V	0.0	8.2

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

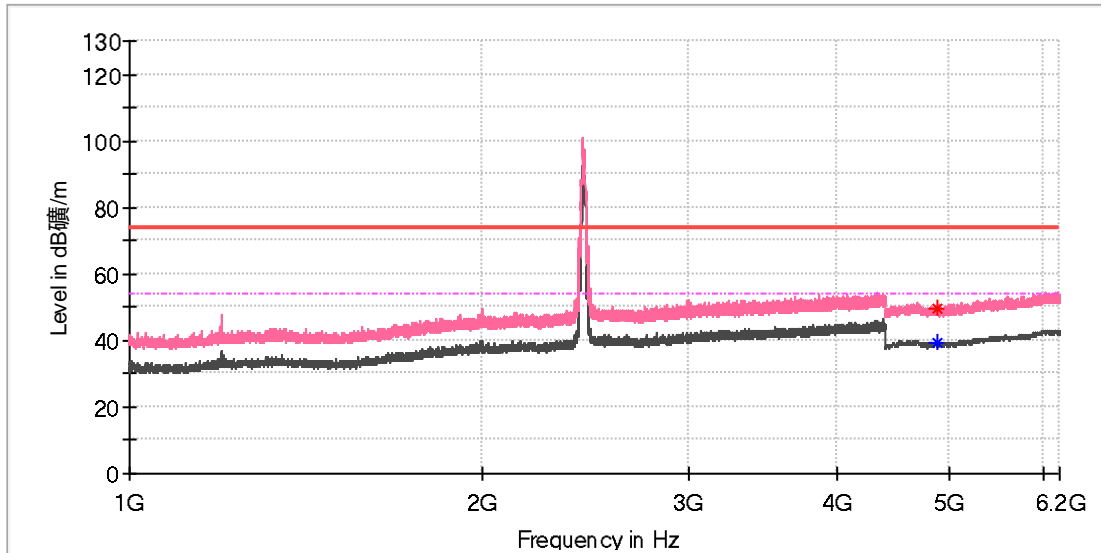


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.000000	---	39.22	54.00	14.78	100.0	H	278.0	11.8
4877.500000	49.65	---	74.00	24.35	100.0	H	194.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

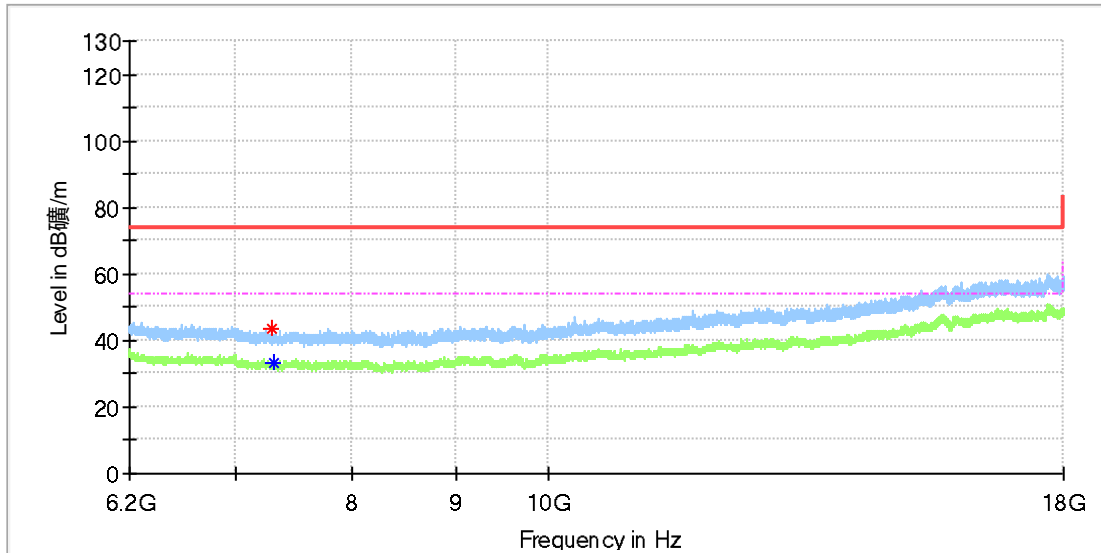


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.000000	---	39.13	54.00	14.87	100.0	V	305.0	11.8
4878.000000	49.83	---	74.00	24.17	100.0	V	305.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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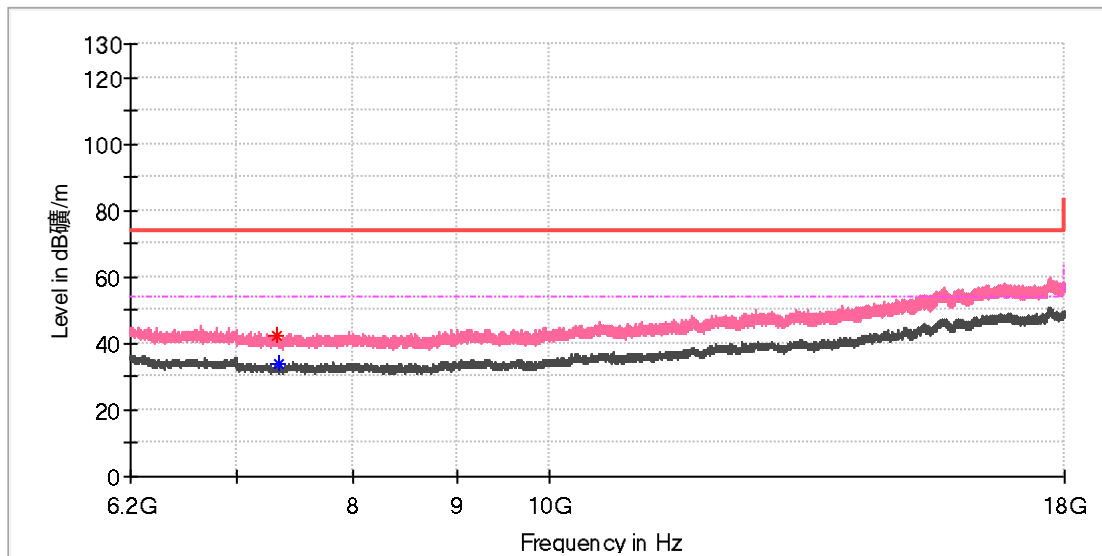


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7291.500000	43.38	---	74.00	30.62	100.0	H	199.0	8.3
7305.758333	---	33.47	54.00	20.53	100.0	H	4.0	8.3

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

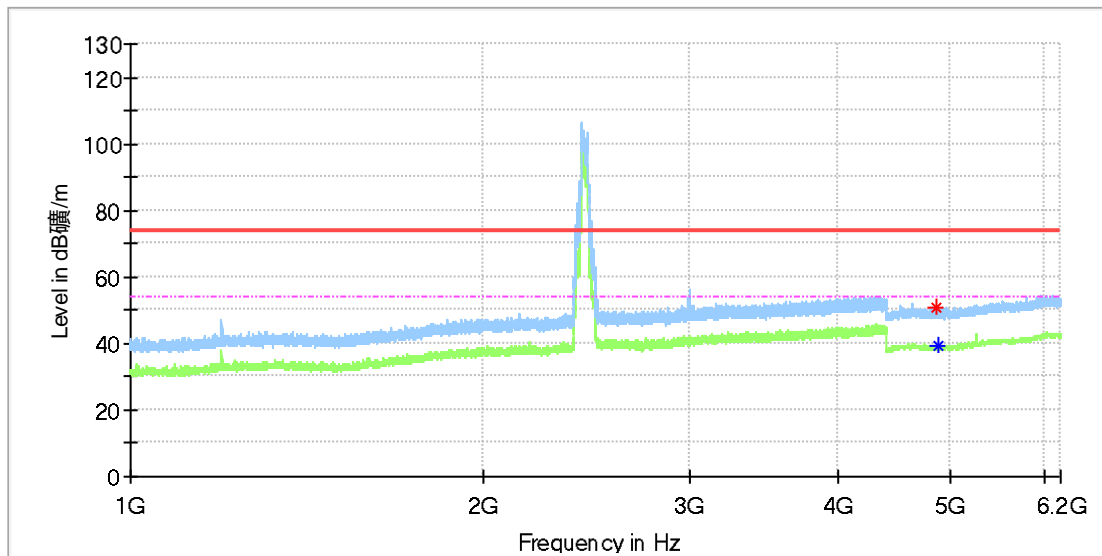


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7320.508333	42.03	---	74.00	31.97	100.0	V	238.0	8.2
7342.141667	---	33.58	54.00	20.42	100.0	V	48.0	8.1

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_1140_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

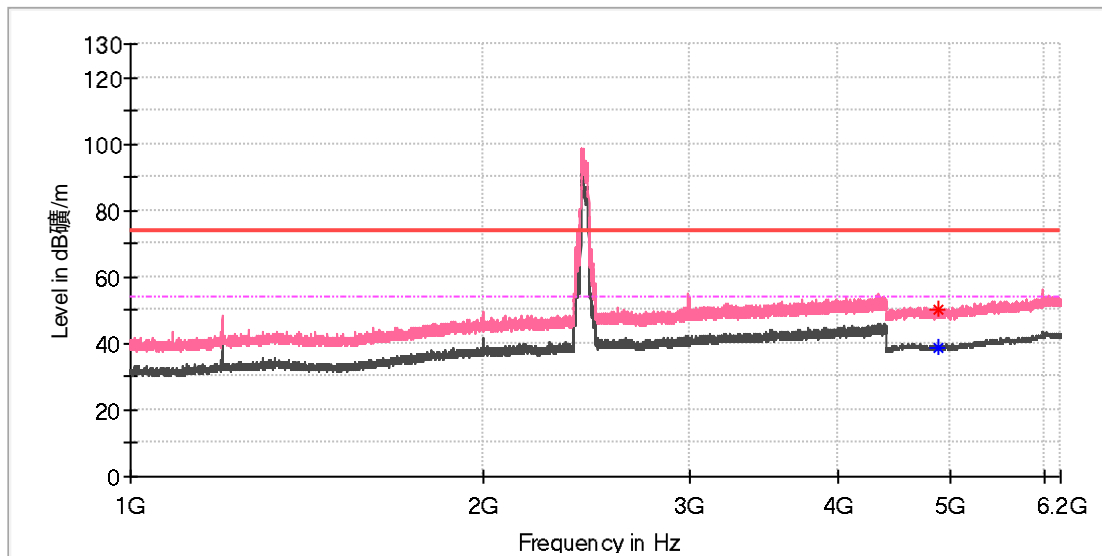


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4864.000000	50.67	---	74.00	23.33	100.0	H	280.0	11.8
4869.000000	---	39.35	54.00	14.65	100.0	H	356.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_1140_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

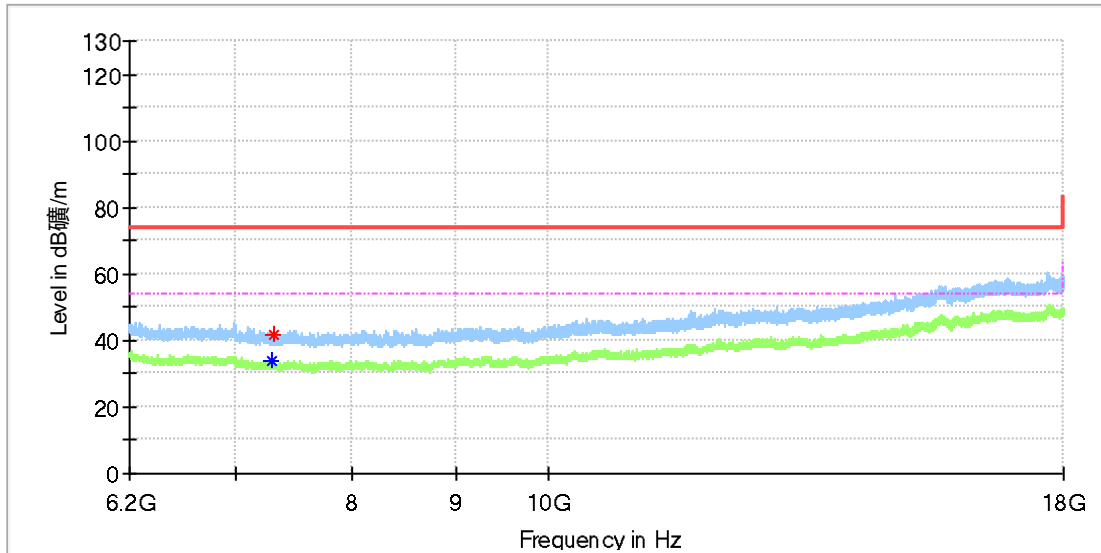


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4868.500000	50.17	---	74.00	23.83	100.0	V	278.0	11.8
4869.000000	---	38.97	54.00	15.03	100.0	V	248.0	11.8

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_1140_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

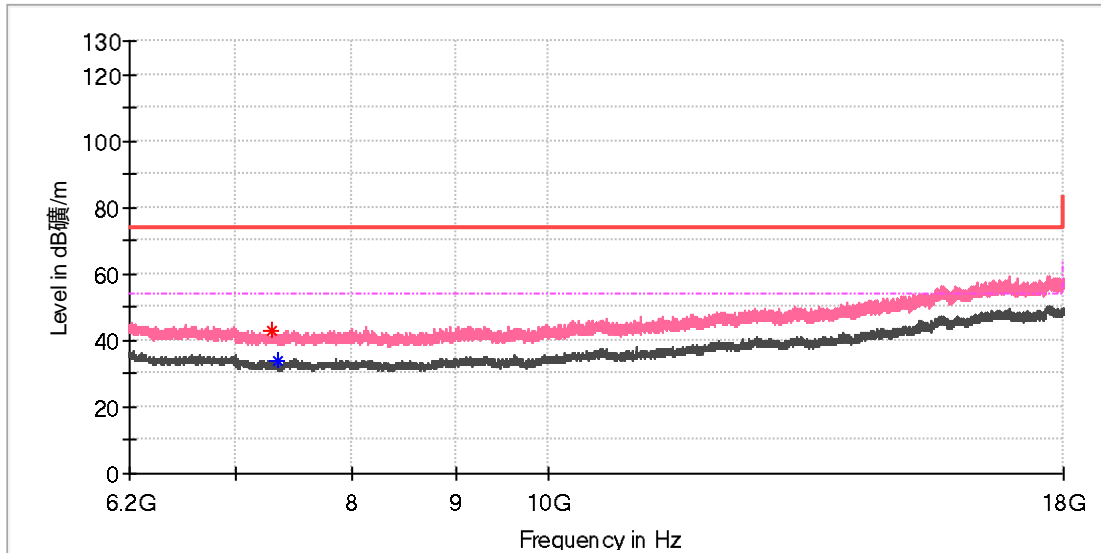


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7293.466667	---	34.00	54.00	20.00	100.0	H	234.0	8.3
7308.216667	41.60	---	74.00	32.40	100.0	H	100.0	8.2

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_1140_Ch6
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

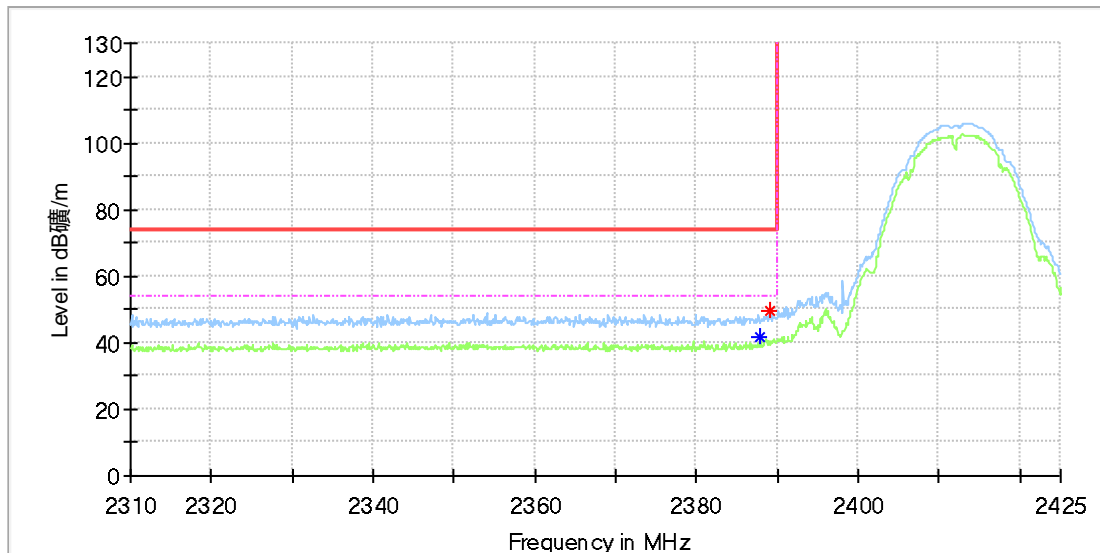
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7300.350000	42.69	---	74.00	31.31	100.0	V	97.0	8.3
7336.241667	---	33.63	54.00	20.37	100.0	V	261.0	8.1

Appendix A.2: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

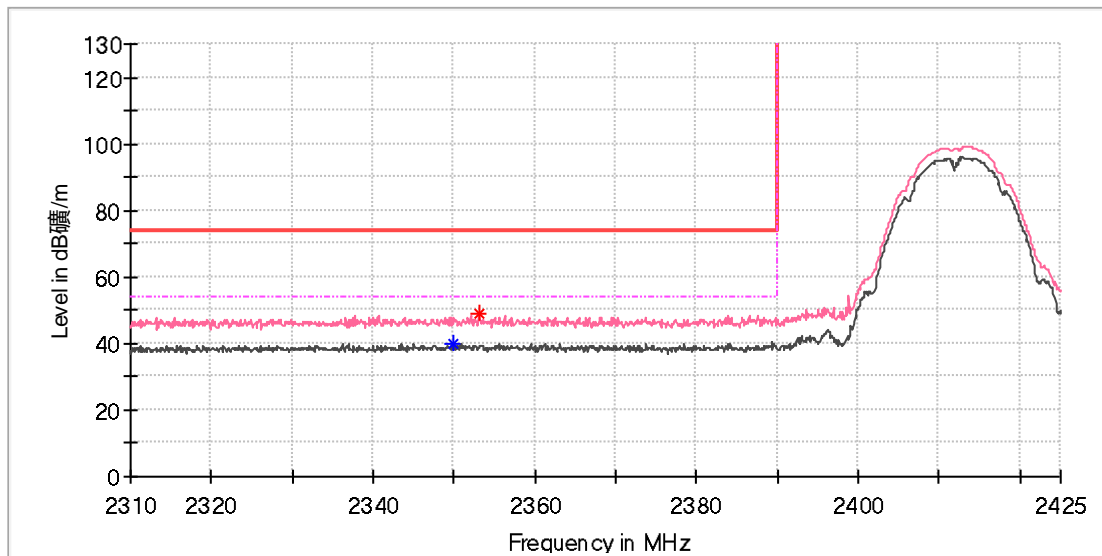


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.900000	---	41.59	54.00	12.41	100.0	H	222.0	7.0
2389.000000	49.44	---	74.00	24.56	100.0	H	222.0	7.0

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

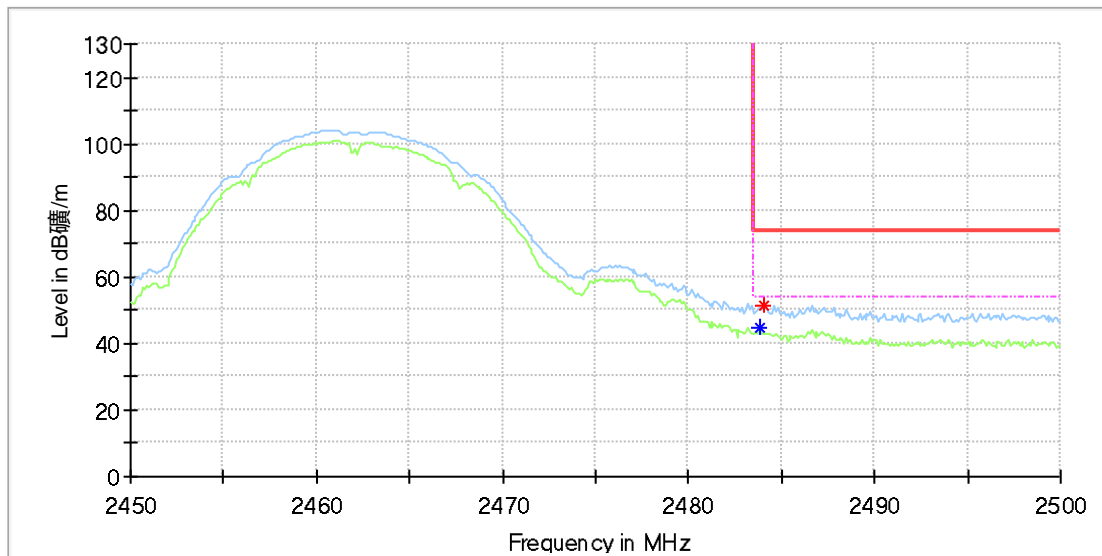


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2350.000000	---	39.94	54.00	14.07	100.0	V	251.0	6.9
2353.100000	48.88	---	74.00	25.12	100.0	V	38.0	6.9

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

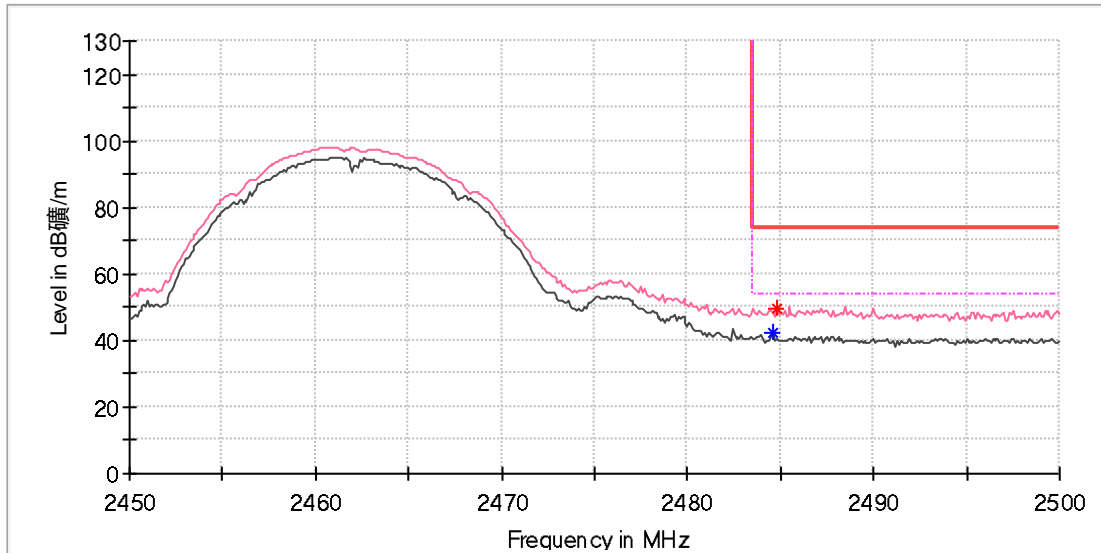


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.800000	---	44.45	54.00	9.55	100.0	H	143.0	7.4
2484.100000	51.36	---	74.00	22.64	100.0	H	143.0	7.4

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



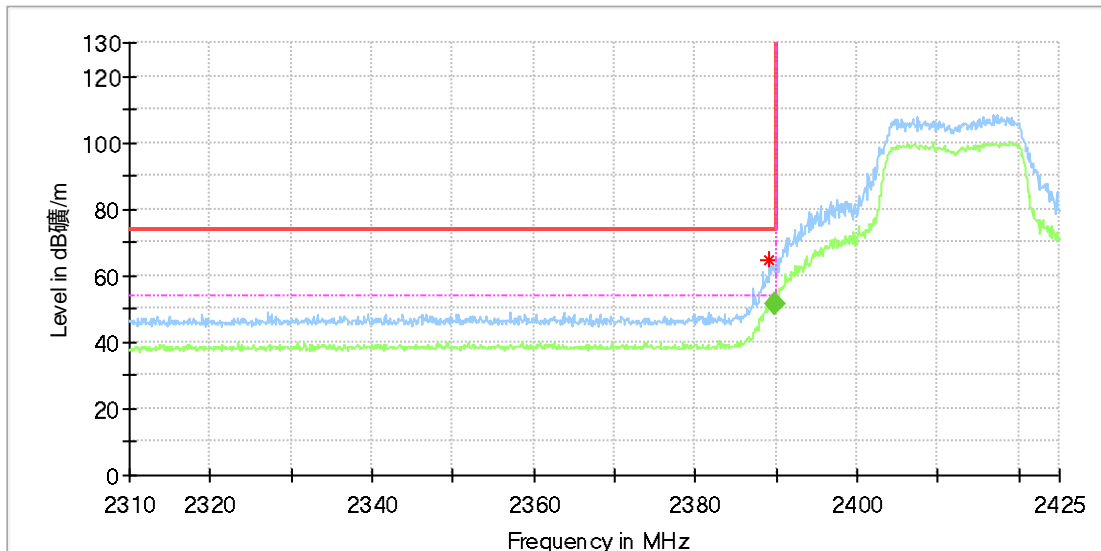
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.600000	---	42.08	54.00	11.92	100.0	V	246.0	7.4
2484.800000	49.67	---	74.00	24.33	100.0	V	0.0	7.4

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

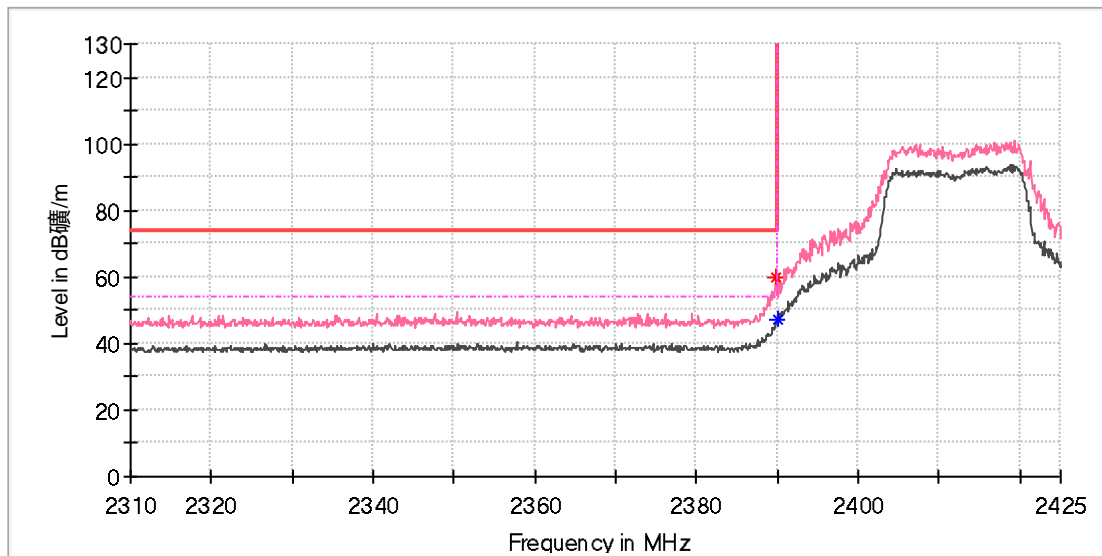
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.100000	64.78	---	74.00	9.22	100.0	H	154.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.870700	51.39	54.00	2.61	105.0	H	153.0	7.0

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

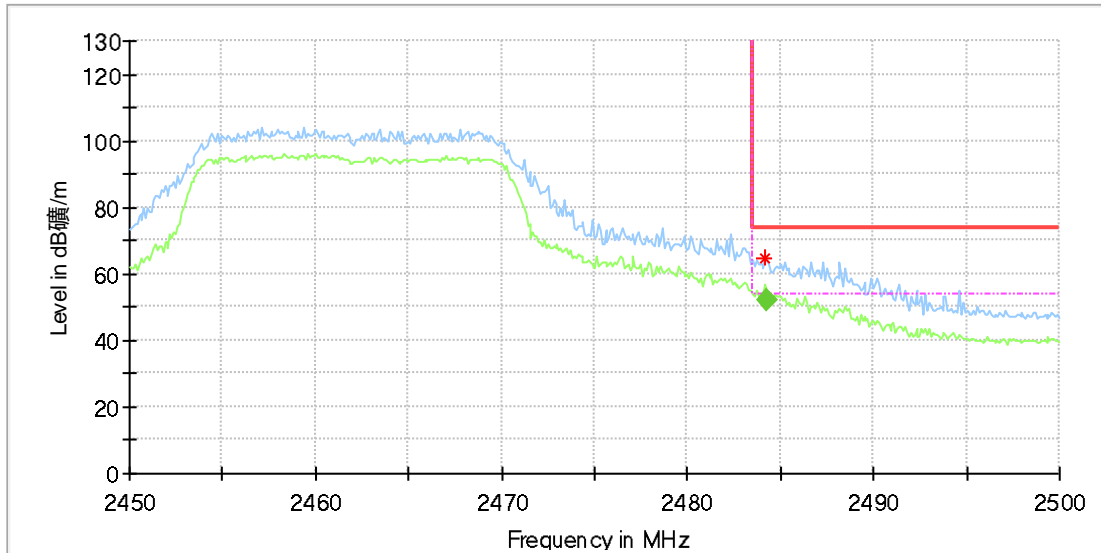
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.800000	59.72	---	74.00	14.28	100.0	V	0.0	7.0
2390.000000	---	47.03	54.00	6.97	100.0	V	264.0	7.0

Final_Result

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

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

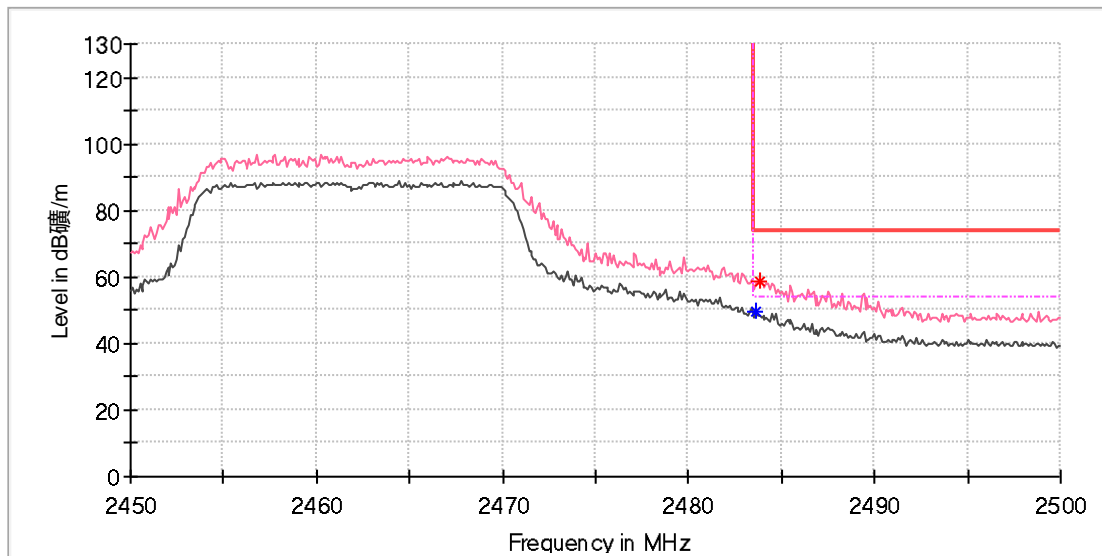
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.200000	64.46	---	74.00	9.54	100.0	H	158.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.248650	51.82	54.00	2.18	105.0	H	153.0	7.4

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



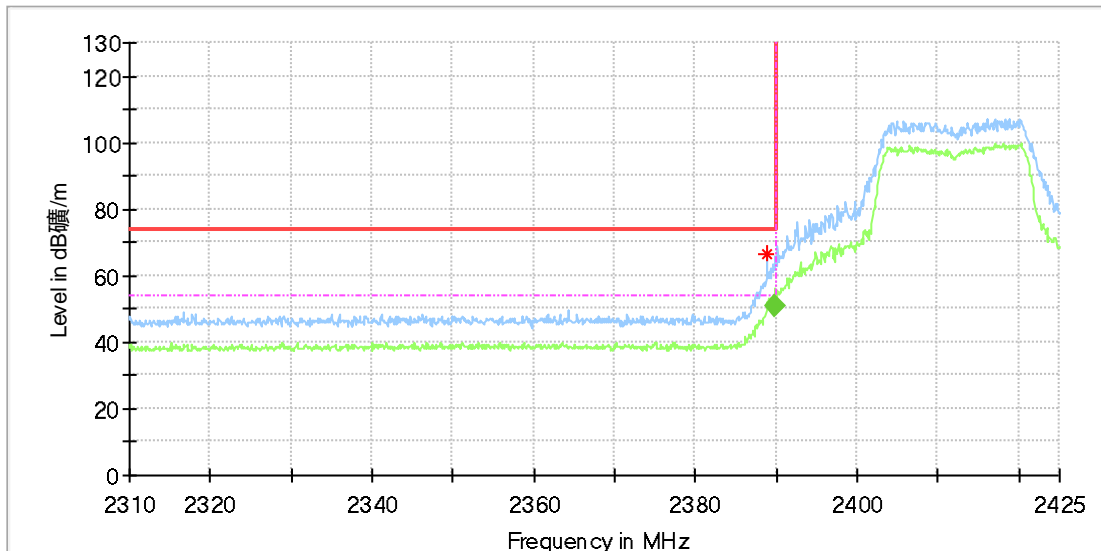
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.600000	---	49.81	54.00	4.19	100.0	V	244.0	7.4
2483.800000	58.88	---	74.00	15.12	100.0	V	352.0	7.4

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

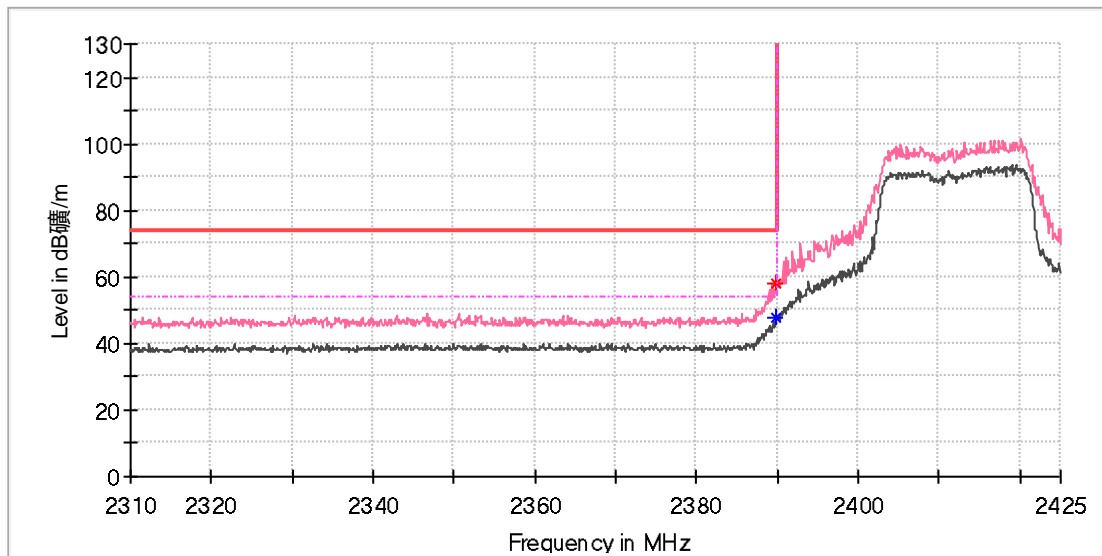
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.800000	66.25	---	74.00	7.75	100.0	H	140.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.876400	50.95	54.00	3.05	105.0	H	139.0	7.0

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

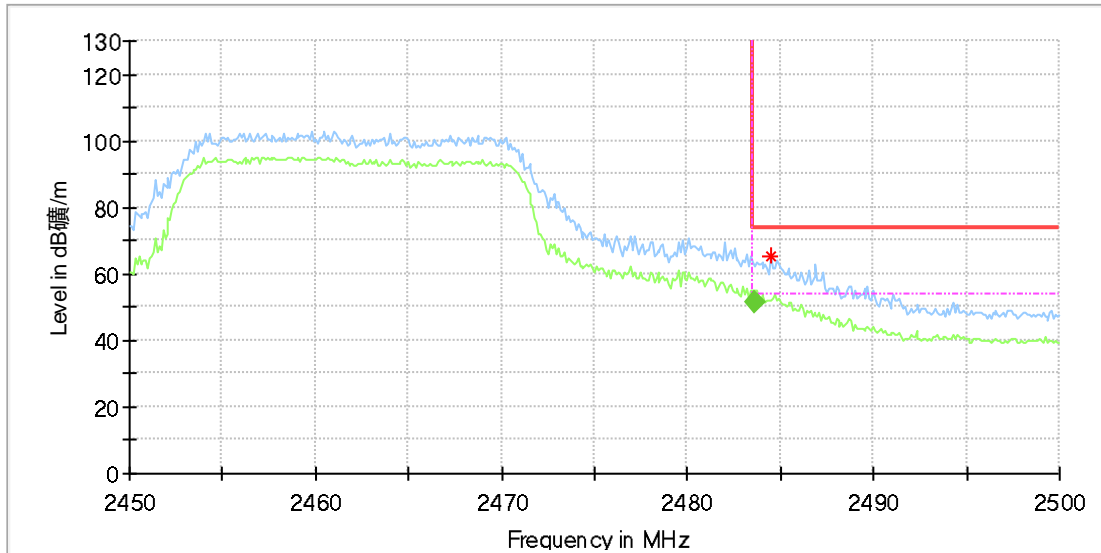


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.900000	---	47.49	54.00	6.51	100.0	V	279.0	7.0
2389.900000	58.27	---	74.00	15.73	100.0	V	279.0	7.0

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

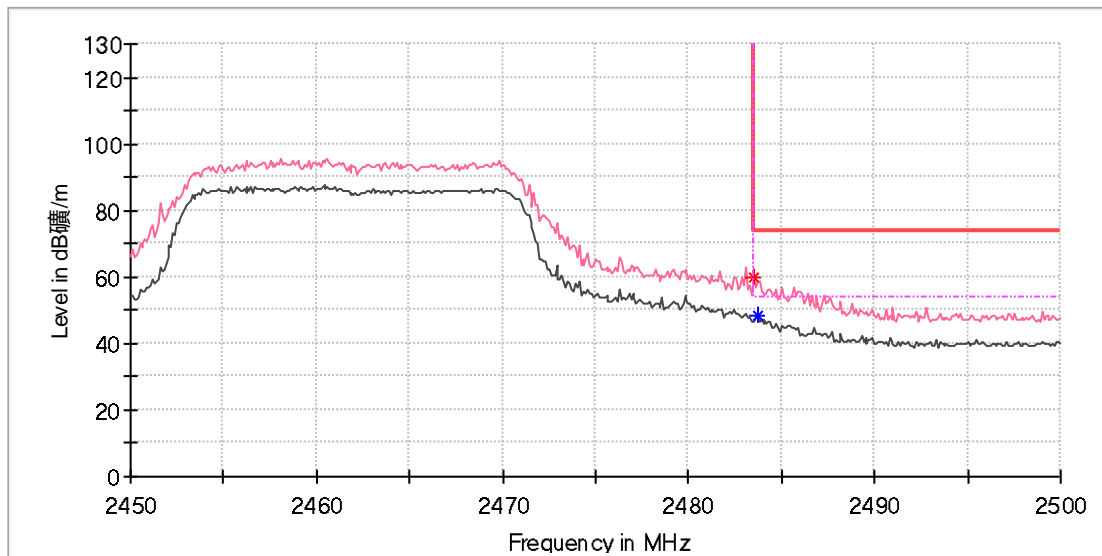
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.500000	65.20	---	74.00	8.80	100.0	H	157.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.618950	51.65	54.00	2.35	100.0	H	143.0	7.4

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



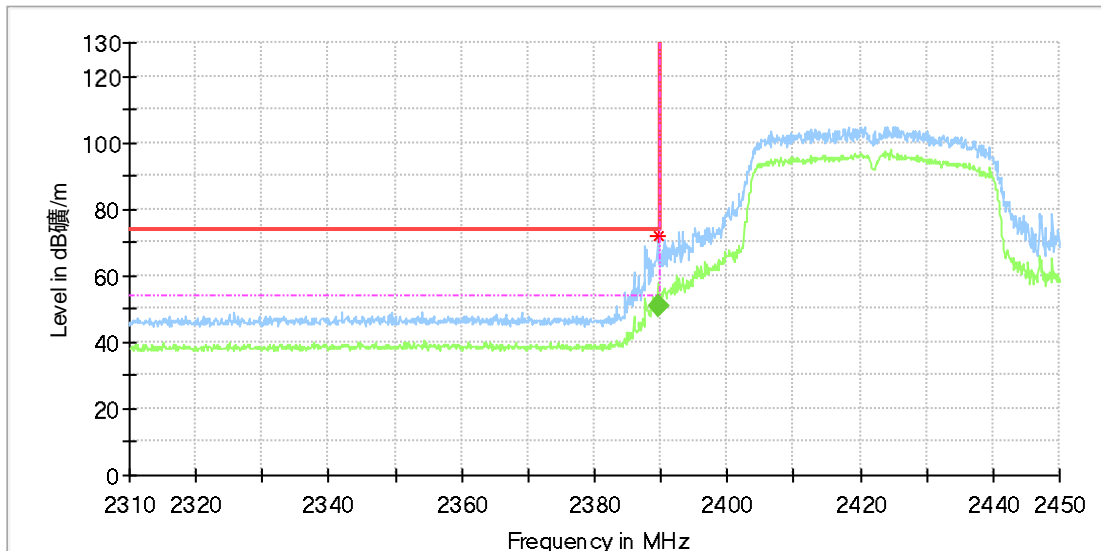
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.500000	59.81	---	74.00	14.19	100.0	V	342.0	7.4
2483.700000	---	48.17	54.00	5.83	100.0	V	252.0	7.4

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_1140_Ch3
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

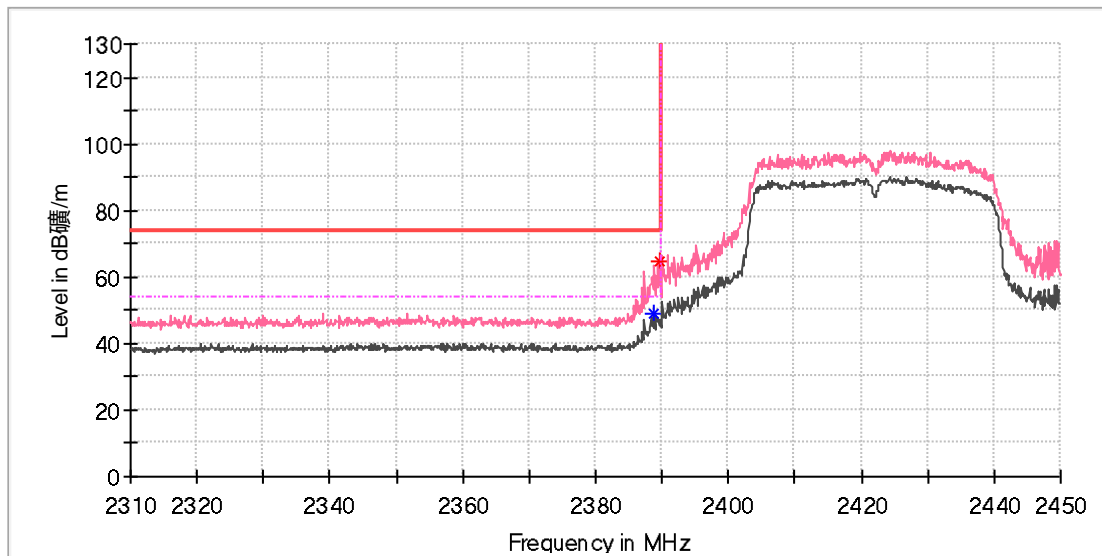
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.600000	71.87	---	74.00	2.13	100.0	H	156.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.527050	50.79	54.00	3.21	105.0	H	151.0	7.0

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_1140_Ch3
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

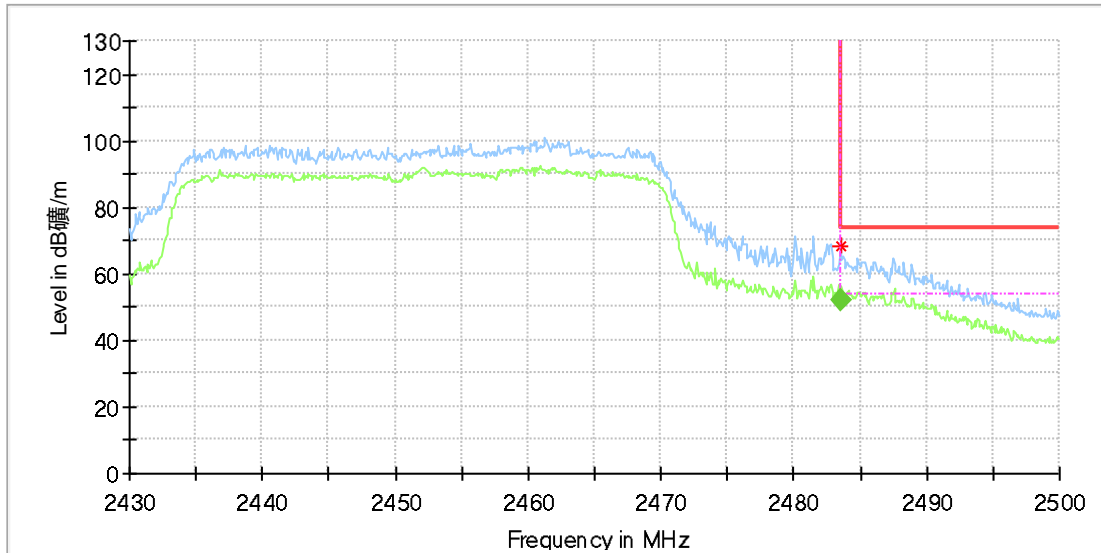


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.900000	---	48.93	54.00	5.07	100.0	V	309.0	7.0
2389.700000	64.67	---	74.00	9.33	100.0	V	239.0	7.0

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_1140_Ch9
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

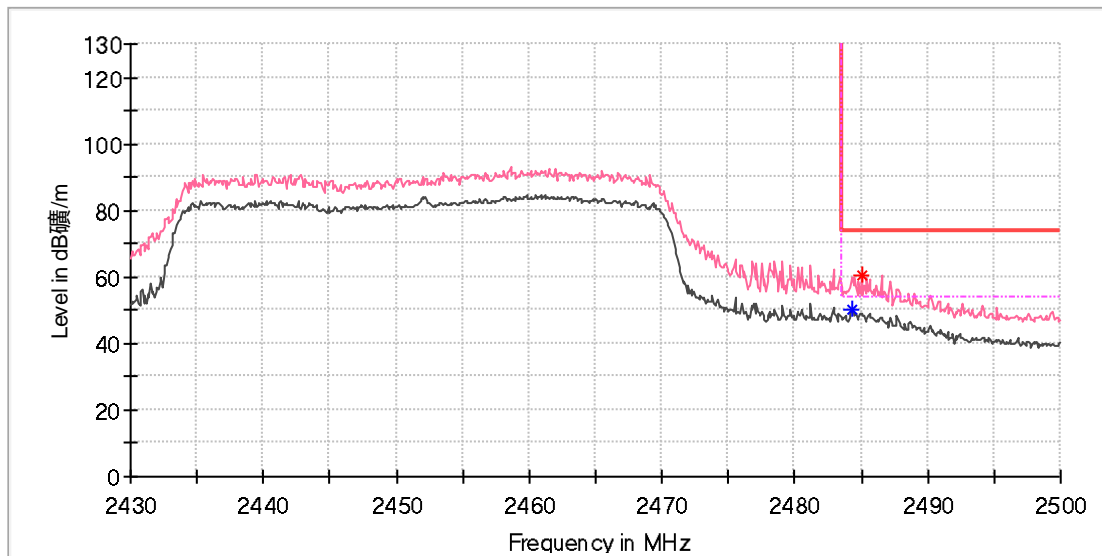
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.50000	68.20	---	74.00	5.80	100.0	H	194.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.575850	51.73	54.00	2.27	105.0	H	143.0	7.4

EUT Information

EUT Name:	Remote Control
Model:	EL-HR40
Test Mode:	WIFI 2.4G_1140_Ch9
Order No/Sample No:	168417710/A003436946-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



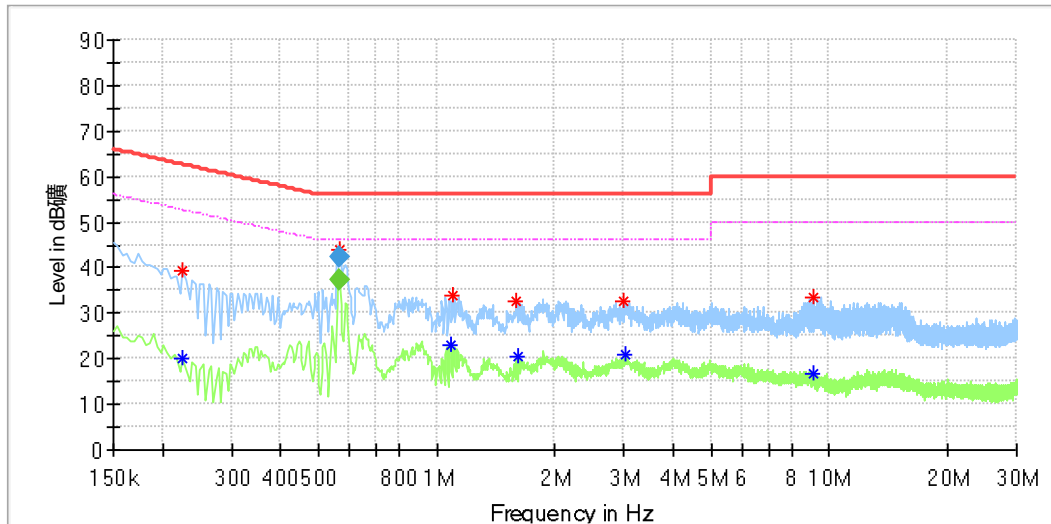
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.300000	---	50.16	54.00	3.84	100.0	V	213.0	7.4
2485.000000	60.23	---	74.00	13.77	100.0	V	356.0	7.4

Appendix A.3: Test Plots of Conducted Emission on AC Mains

EUT Information

EUT Name: Remote Control
 Order Number: 168417710
 Model: EL-HR40
 Test Mode: Charging by Charging duck+WiFi attached
 Test Voltage: AC 120V/60Hz
 Test Standard: FCC Part 15.247
 Test By:/Review By: Dawn Shen/Gary Chen
 Tem./Hum./Pressure: 23.2°C/50.6%/101kPa
 Remark: SR2



Critical Freqs

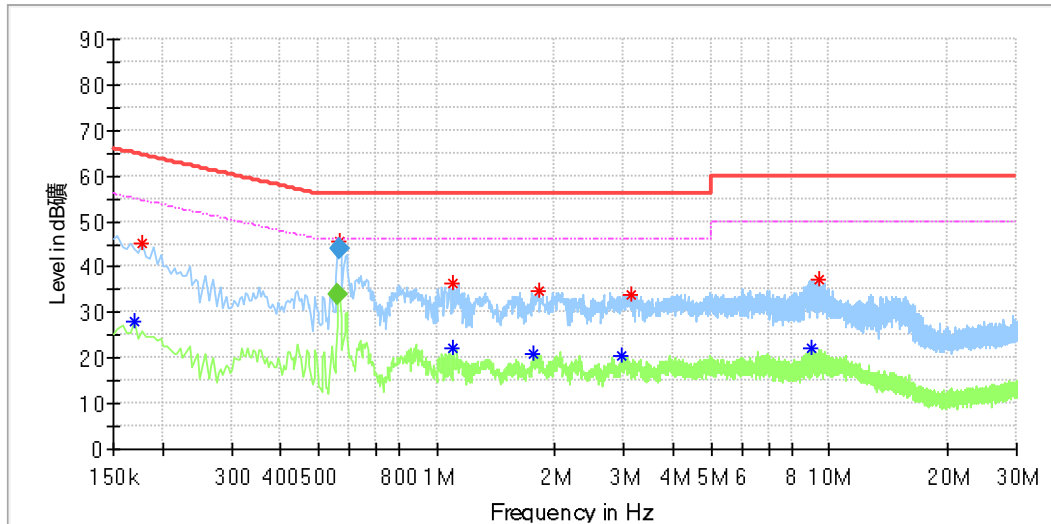
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.226000	---	20.06	52.60	32.54	L1	9.9
0.226000	39.55	---	62.60	23.05	L1	9.9
0.565500	---	37.08	46.00	8.93	L1	10.0
0.565500	43.92	---	56.00	12.08	L1	10.0
1.082000	---	23.08	46.00	22.92	L1	10.0
1.102000	34.04	---	56.00	21.96	L1	10.0
1.594000	32.54	---	56.00	23.46	L1	10.1
1.614000	---	20.34	46.00	25.66	L1	10.1
3.006000	32.61	---	56.00	23.39	L1	10.2
3.034000	---	20.89	46.00	25.11	L1	10.2
9.110000	---	16.76	50.00	33.24	L1	10.3
9.110000	33.32	---	60.00	26.68	L1	10.3

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.565500	---	37.07	46.00	8.93	1000.0	9.000	L1	10.0
0.565500	42.32	---	56.00	13.68	1000.0	9.000	L1	10.0

EUT Information

EUT Name:	Remote Control
Order Number:	168417710
Model:	EL-HR40
Test Mode:	Charging by Charging duck+WiFi attached
Test Voltage:	AC 120V/60Hz
Standard:	FCC Part 15.247
Test By:/Review By:	Dawn Shen/Gary Chen
Tem./Hum./Pressure:	23.2°C/50.6%/101kPa
Remark:	SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.170000	---	27.91	54.96	27.06	N	9.8
0.178000	45.31	---	64.58	19.27	N	9.8
0.561500	---	34.36	46.00	11.64	N	9.8
0.565500	45.70	---	56.00	10.30	N	9.8
1.098000	---	22.32	46.00	23.68	N	9.8
1.102000	36.58	---	56.00	19.42	N	9.8
1.766000	---	21.01	46.00	24.99	N	9.8
1.822000	34.61	---	56.00	21.39	N	9.8
2.954000	---	20.44	46.00	25.56	N	9.9
3.122000	34.11	---	56.00	21.89	N	9.9
9.006000	---	22.19	50.00	27.81	N	10.0
9.370000	37.39	---	60.00	22.61	N	10.0

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.561500	---	33.94	46.00	12.06	1000.0	9.000	N	9.8
0.565500	44.07	---	56.00	11.93	1000.0	9.000	N	9.8