

Appendix A: Test Results

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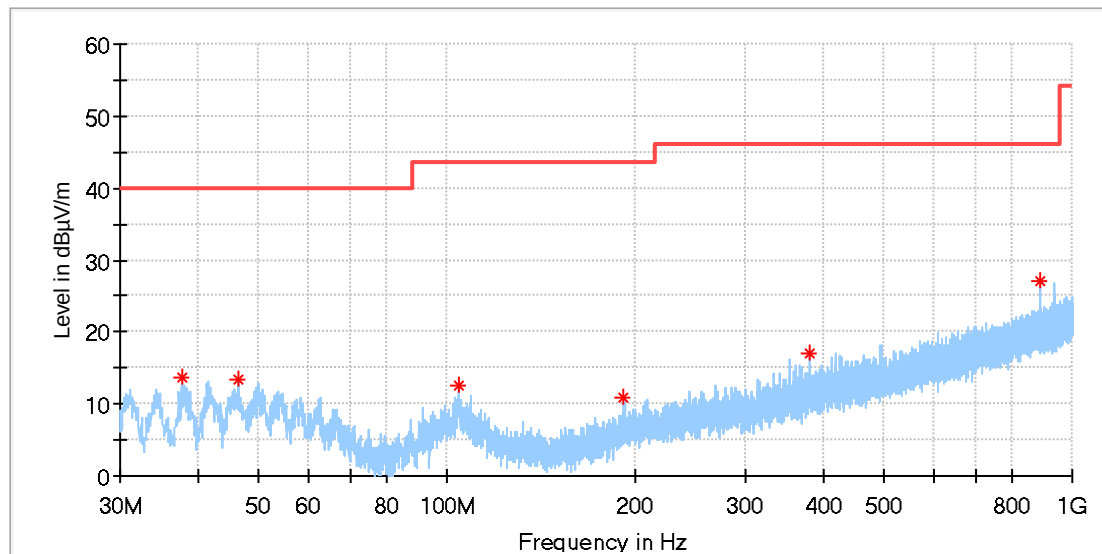
Appendix A.1: Test Results of Field strength of fundamental & harmonics

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

30MHz - 1GHz

EUT Information

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2470MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

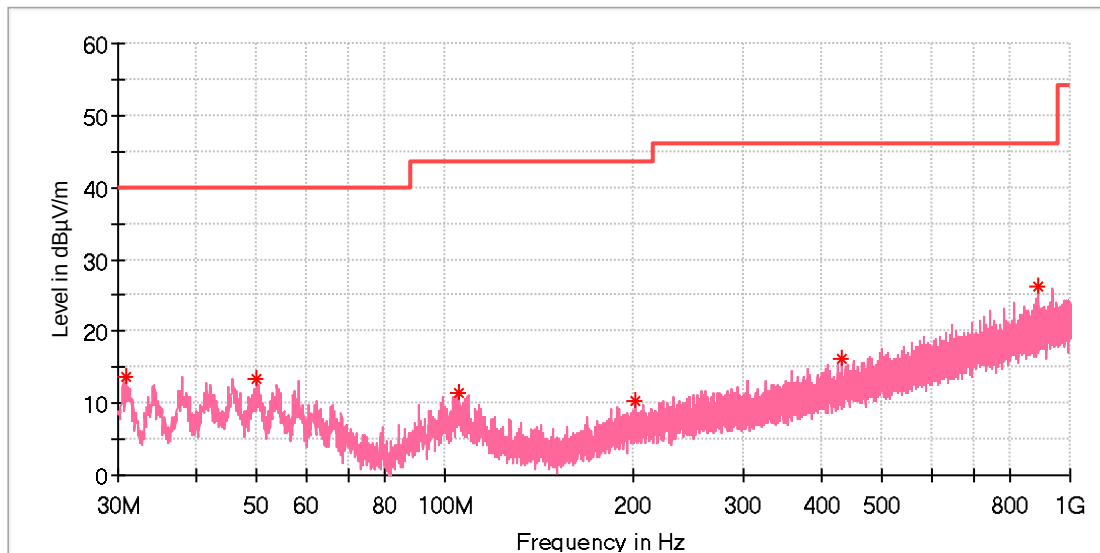
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.648077	13.72	40.00	26.28	100.0	H	24.0	-20.9
46.452692	13.39	40.00	26.61	100.0	H	104.0	-18.7
104.690000	12.49	43.50	31.01	100.0	H	0.0	-18.9
192.027308	10.84	43.50	32.66	100.0	H	79.0	-19.5
380.393846	16.95	46.00	29.05	100.0	H	355.0	-14.2
890.986923	27.16	46.00	18.84	100.0	H	87.0	-4.9

Final Result

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

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2470MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.932692	13.80	40.00	26.20	100.0	V	304.0	-22.9
50.071539	13.33	40.00	26.67	100.0	V	224.0	-18.4
105.249615	11.44	43.50	32.06	100.0	V	344.0	-18.9
201.801923	10.33	43.50	33.17	100.0	V	240.0	-19.0
430.871154	16.15	46.00	29.85	100.0	V	336.0	-13.1
890.986923	26.35	46.00	19.65	100.0	V	131.0	-4.9

Final Result

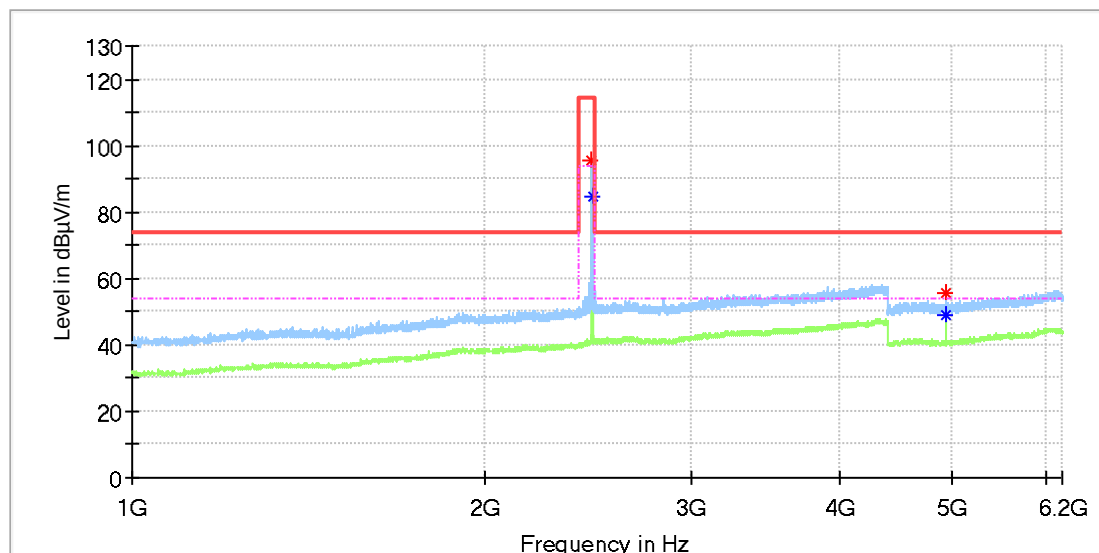
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

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Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
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Critical Freqs

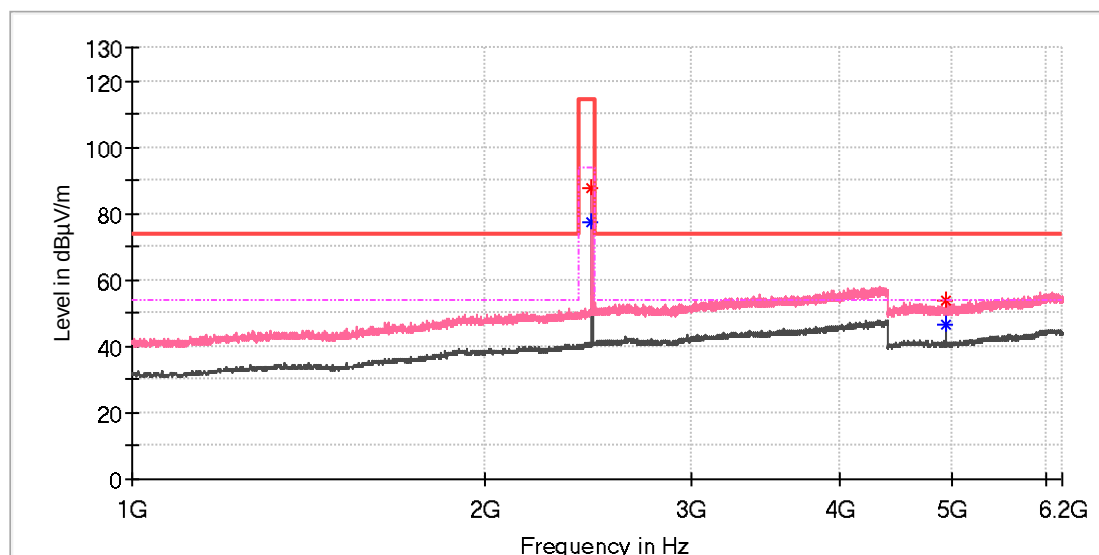
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2464.500000	95.24	---	114.00	18.76	150.0	H	256.0	9.0
2466.000000	---	84.69	94.00	9.31	150.0	H	251.0	9.0
4929.000000	55.85	---	74.00	18.15	150.0	H	284.0	13.3
4929.000000	---	49.21	54.00	4.79	150.0	H	284.0	13.3

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:	Remote Control
Model:	VC394
Test Mode:	2465MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

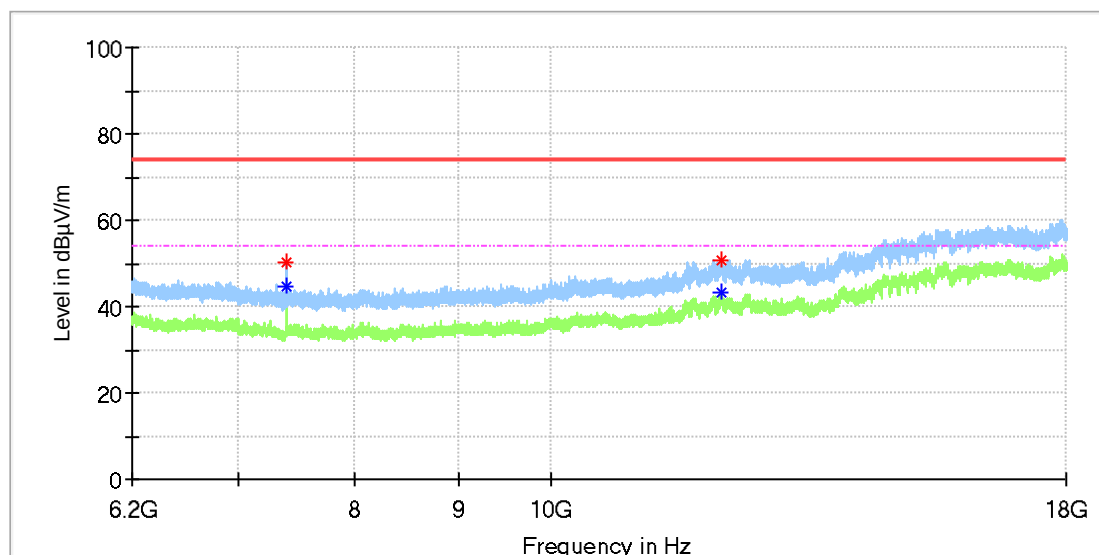
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2464.000000	---	77.66	94.00	16.34	150.0	V	248.0	9.0
2464.500000	87.42	---	114.00	26.58	150.0	V	248.0	9.0
4929.000000	53.54	---	74.00	20.46	150.0	V	47.0	13.3
4929.000000	---	46.48	54.00	7.52	150.0	V	47.0	13.3

Final_Result

[illegible]

EUT Information

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2465MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

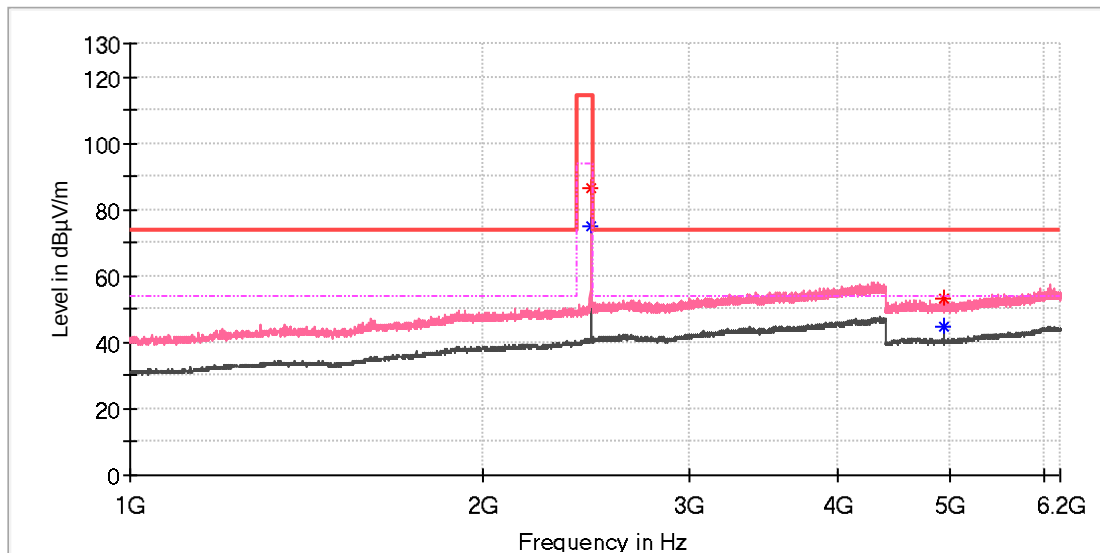
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7396.225000	50.28	---	74.00	23.72	150.0	H	200.0	8.3
7396.225000	---	44.80	54.00	9.20	150.0	H	200.0	8.3
12143.266667	---	43.07	54.00	10.93	150.0	H	53.0	16.6
12144.250000	50.61	---	74.00	23.39	150.0	H	3.0	16.6

Final_Result

[illegible]

EUT Information

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2470MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

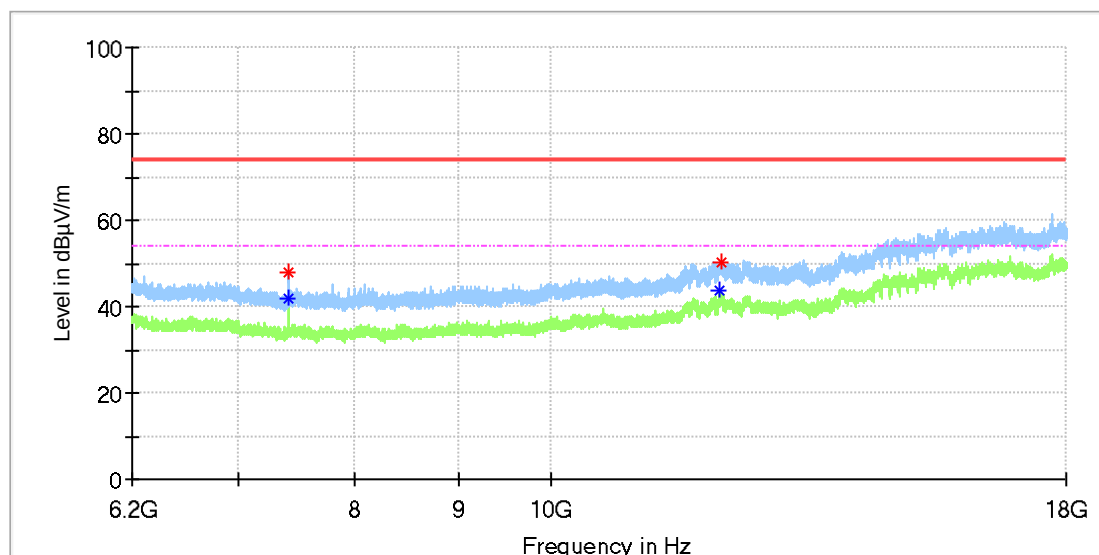
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2468.500000	---	75.04	94.00	18.96	150.0	V	251.0	9.0
2469.500000	86.57	---	114.00	27.43	150.0	V	40.0	9.0
4939.000000	---	44.92	54.00	9.08	150.0	V	55.0	13.3
4939.500000	53.19	---	74.00	20.81	150.0	V	29.0	13.3

Final_Result

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

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2470MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

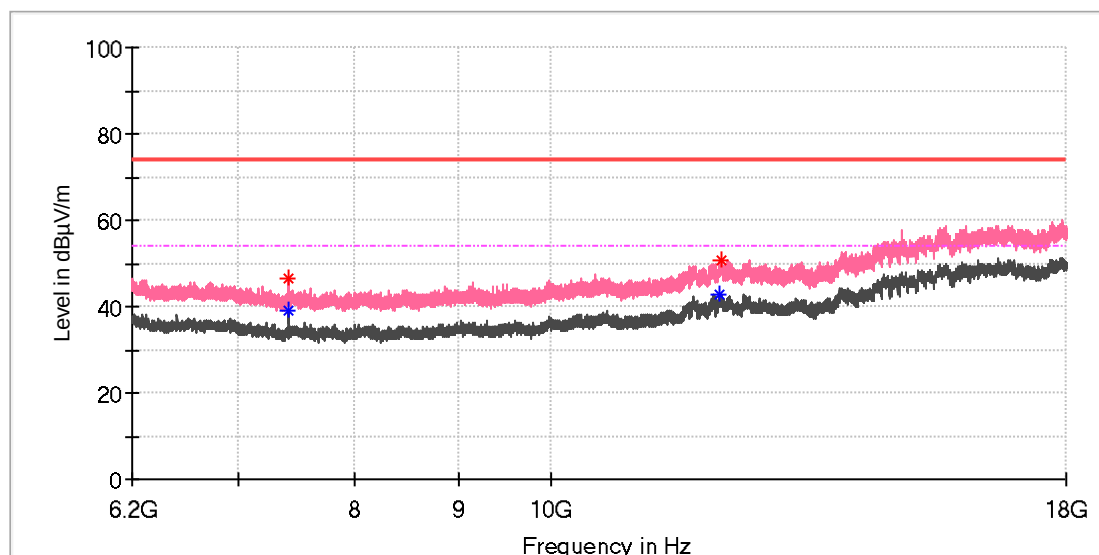
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7409.500000	47.87	---	74.00	26.13	150.0	H	115.0	8.3
7409.991667	---	41.83	54.00	12.17	150.0	H	115.0	8.3
12130.975000	---	43.53	54.00	10.47	150.0	H	115.0	16.2
12132.941667	50.43	---	74.00	23.57	150.0	H	195.0	16.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2470MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

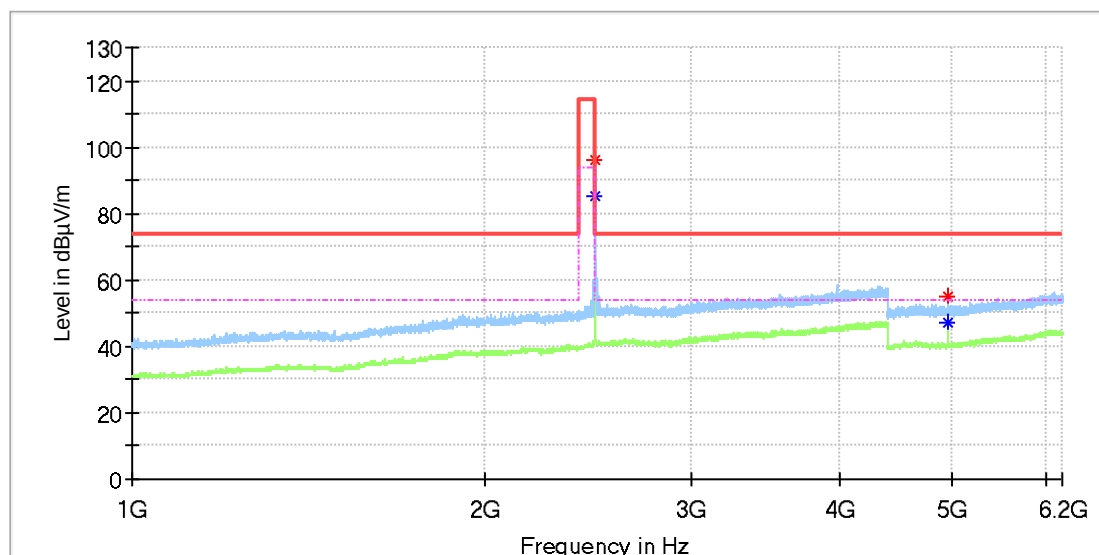
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7409.008333	46.48	---	74.00	27.52	150.0	V	26.0	8.3
7410.975000	---	39.13	54.00	14.87	150.0	V	236.0	8.3
12115.733333	---	42.88	54.00	11.12	150.0	V	244.0	15.8
12149.166667	50.89	---	74.00	23.11	150.0	V	0.0	16.7

Final_Result

[illegible]

EUT Information

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2480MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

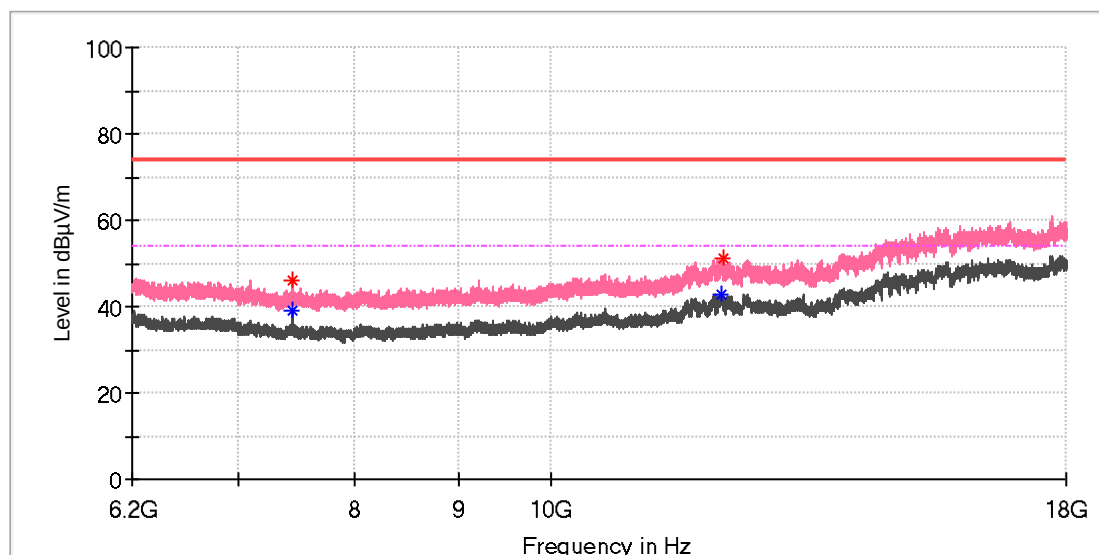
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.500000	96.37	---	114.00	17.63	150.0	H	280.0	9.0
2481.000000	---	85.30	94.00	8.70	150.0	H	106.0	9.0
4959.000000	55.17	---	74.00	18.83	150.0	H	266.0	13.3
4959.500000	---	46.92	54.00	7.08	150.0	H	289.0	13.3

Final_Result

[illegible]

EUT Information

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2480MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

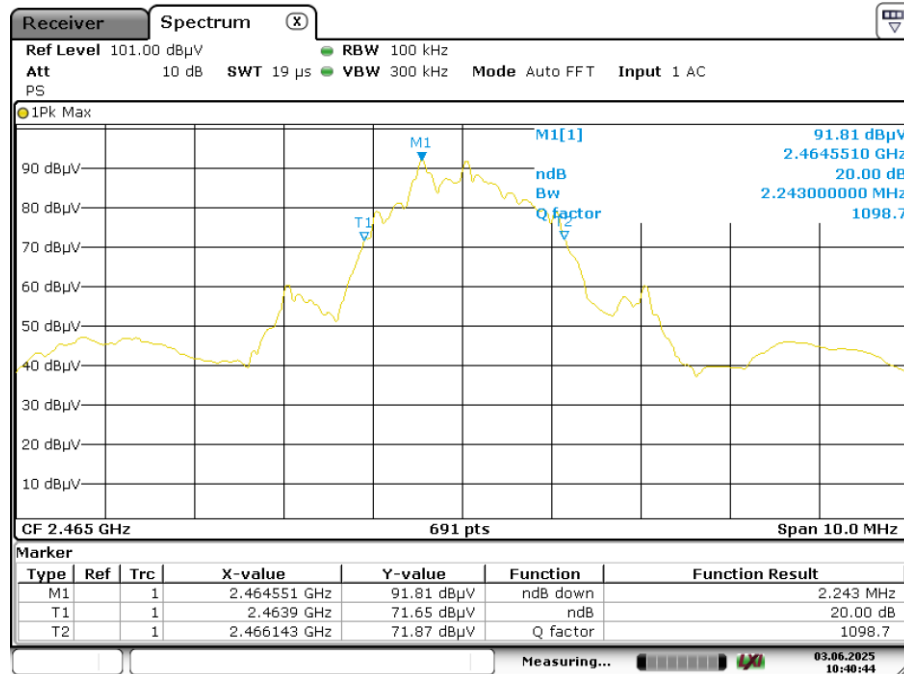
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7438.508333	45.83	---	74.00	28.17	150.0	V	41.0	8.4
7438.508333	---	39.25	54.00	14.75	150.0	V	41.0	8.4
12151.133333	---	42.99	54.00	11.01	150.0	V	24.0	16.7
12163.916667	51.39	---	74.00	22.61	150.0	V	271.0	16.0

Final_Result

[illegible]

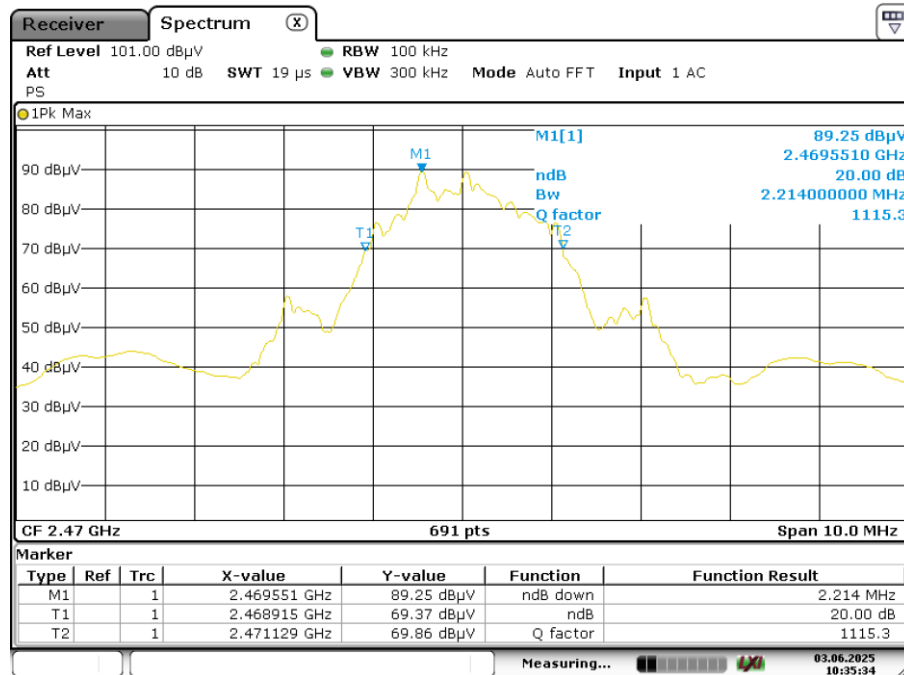
Appendix A.2: Test Results of 20dB Bandwidth

2465MHz

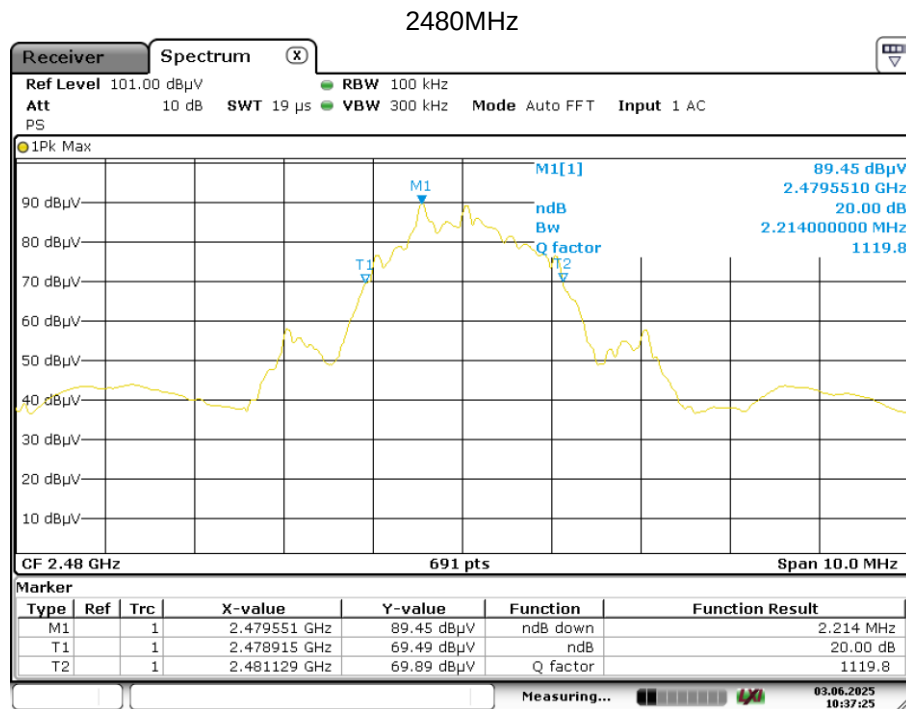


Date: 3.JUN.2025 10:40:44

2470MHz



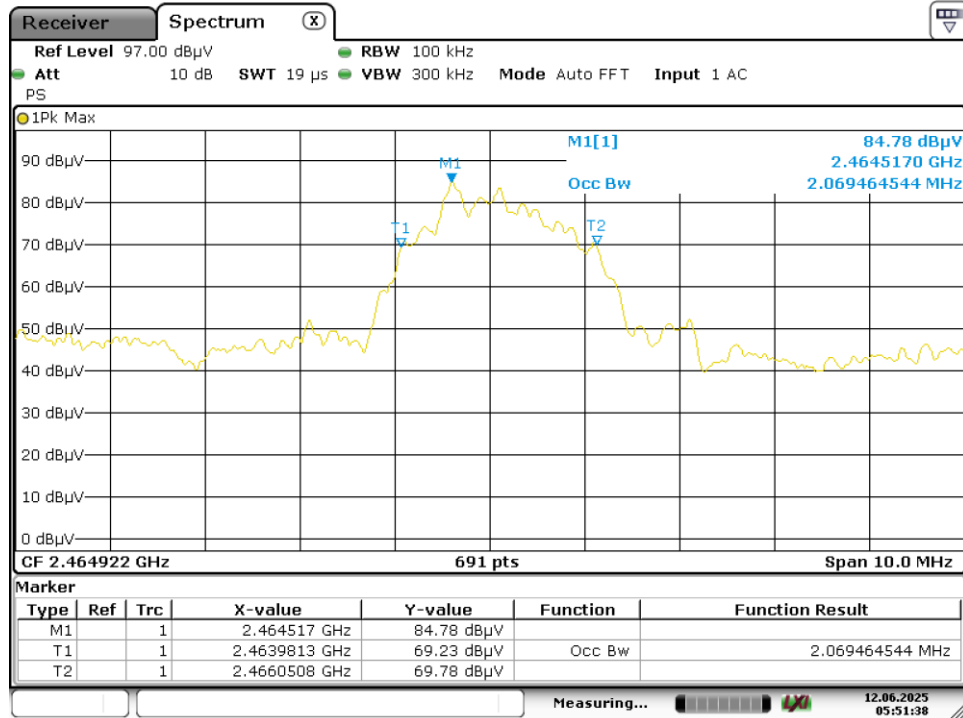
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Date: 3.JUN.2025 10:37:25

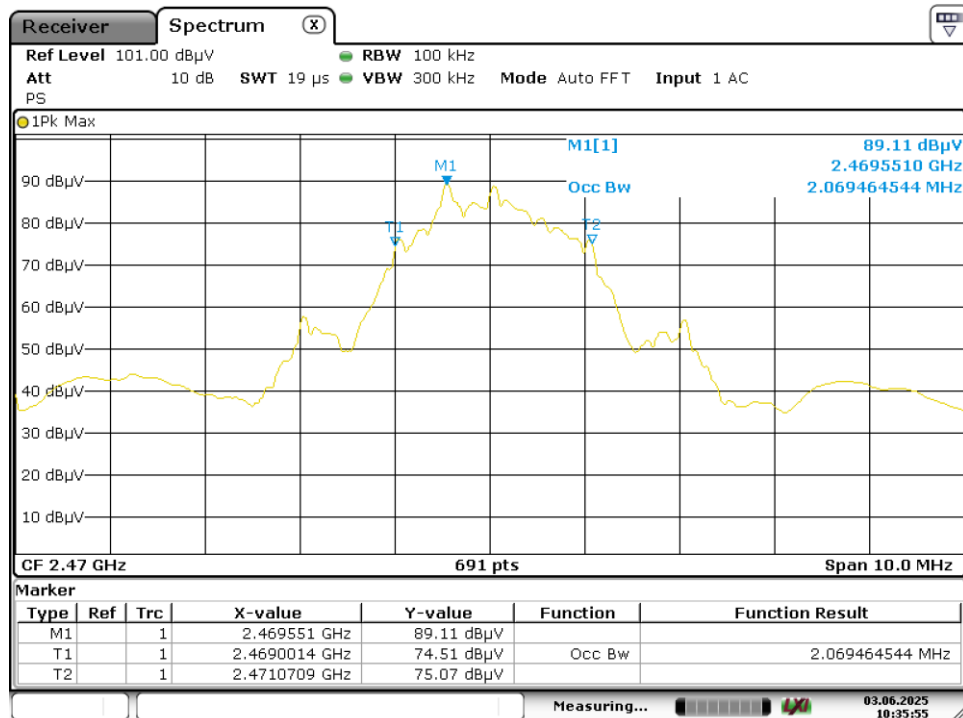
Appendix A.3: Test Results of 99% Bandwidth

2465MHz

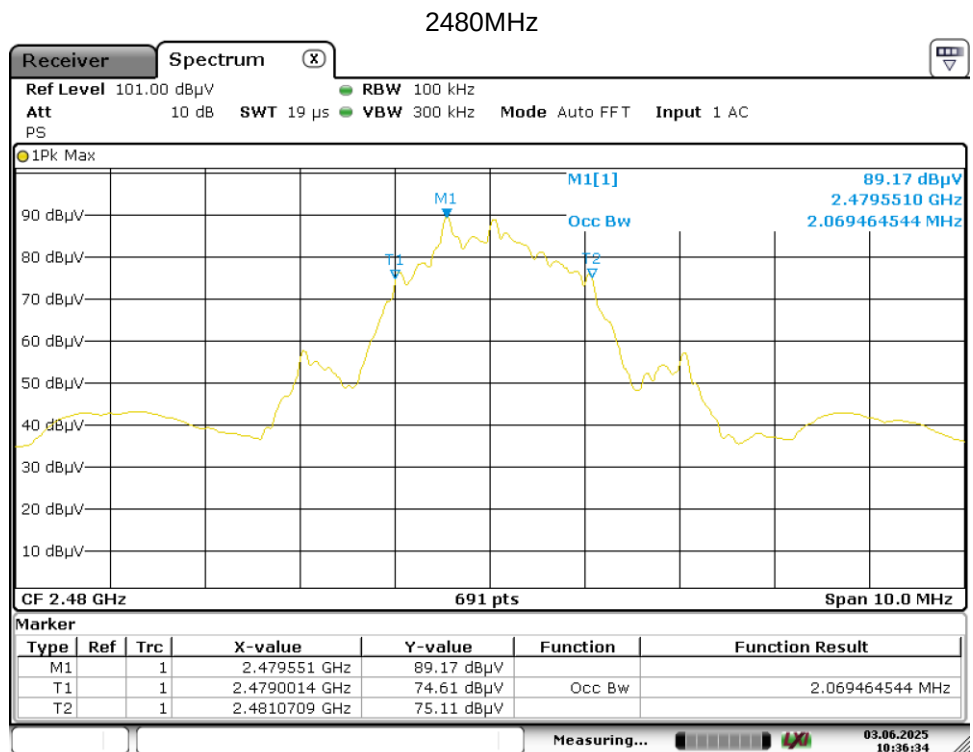


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2470MHz



Date: 3.JUN.2025 10:35:55

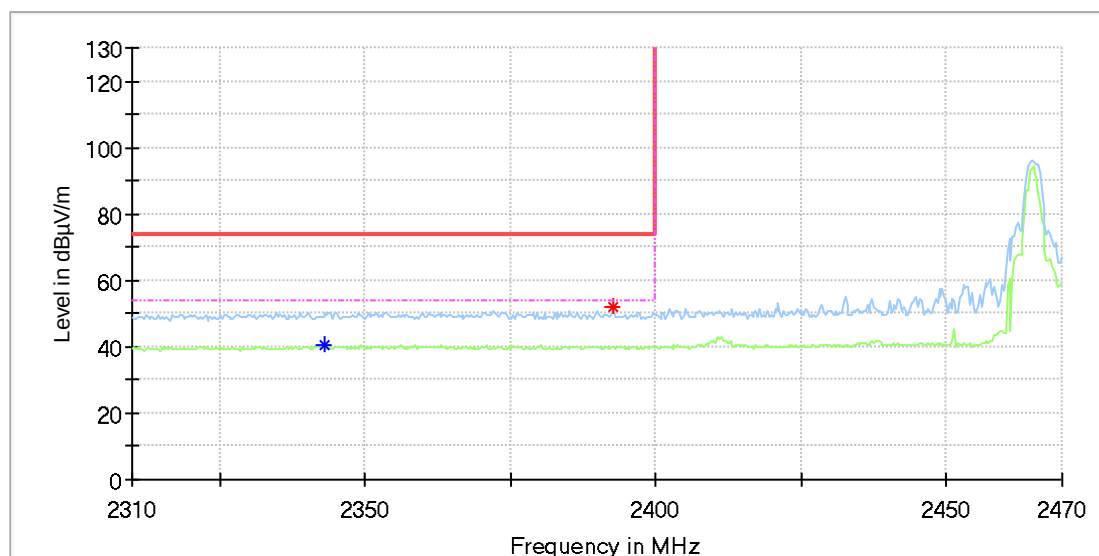


Date: 3.JUN.2025 10:36:34

Appendix A.4: Test Results of Band Edge

EUT Information

EUT Name:	Remote Control
Model:	VC394
Test Mode:	2465MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

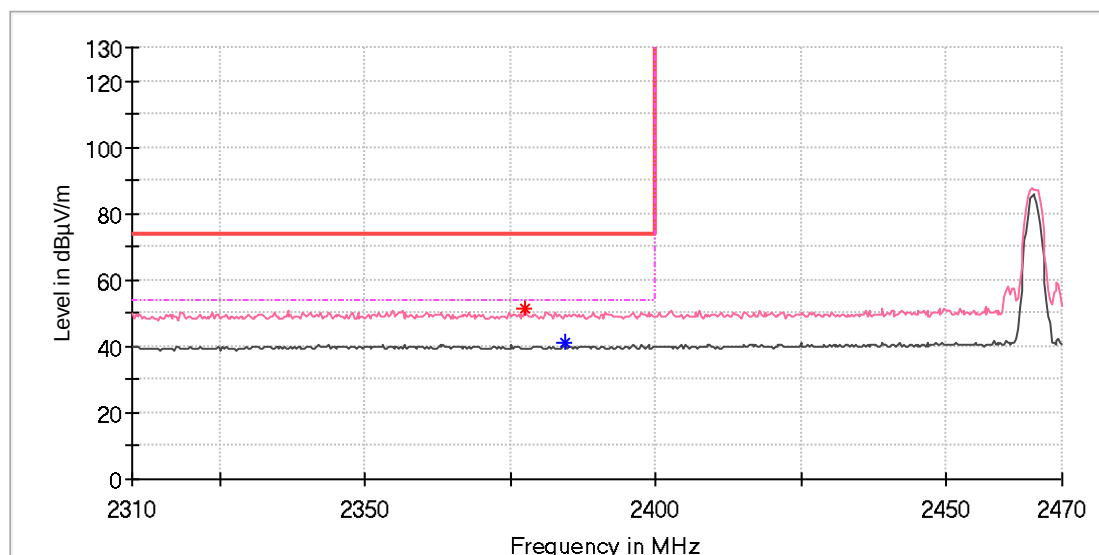
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2342.941177	---	40.42	54.00	13.58	150.0	H	312.0	8.4
2392.647059	51.99	---	74.00	22.01	150.0	H	200.0	8.5

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:	Remote Control
Model:	VC394
Test Mode:	2465MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

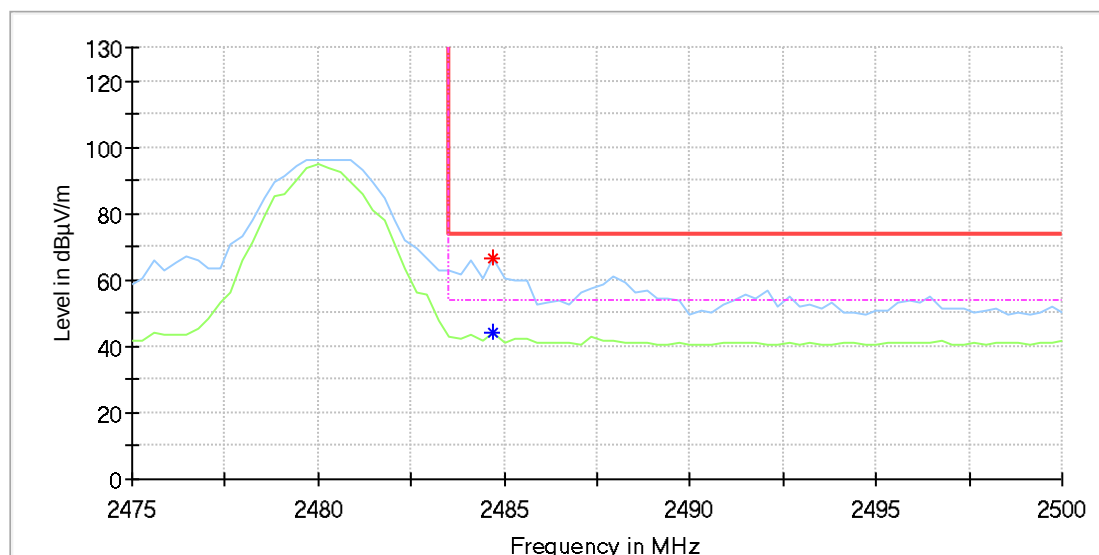
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2377.647059	51.12	---	74.00	22.88	150.0	V	313.0	8.5
2384.411765	---	40.91	54.00	13.09	150.0	V	310.0	8.5

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:	Remote Control
Model:	VC394
Test Mode:	2480MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

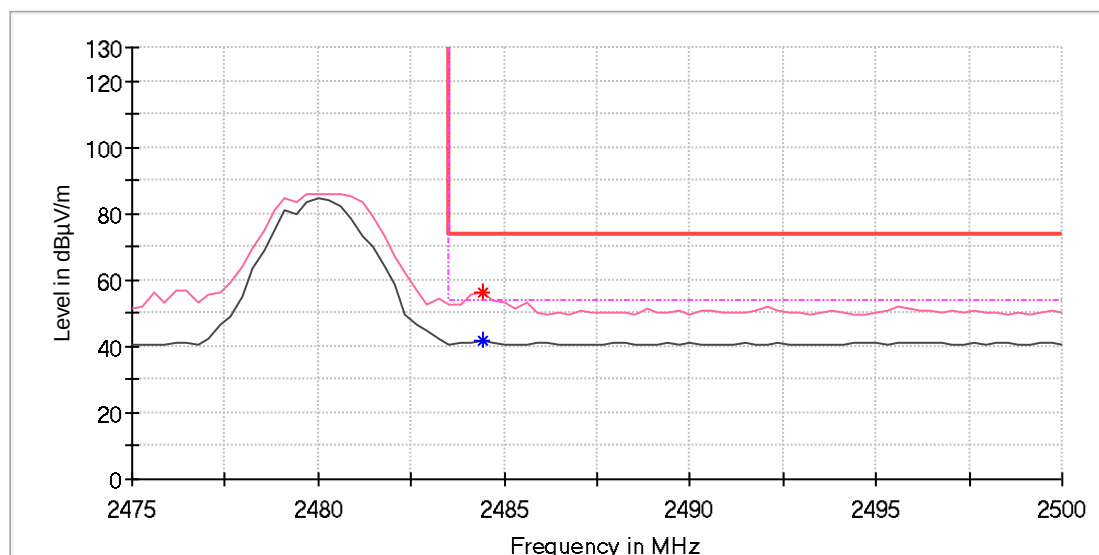
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.705882	---	44.12	54.00	9.88	150.0	H	278.0	9.0
2484.705882	66.45	---	74.00	7.55	150.0	H	278.0	9.0

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:	Remote Control
Model:	VC394
Test Mode:	2480MHz
Order No/Sample No:	168556377/A003997823-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.411765	---	41.64	54.00	12.36	150.0	V	242.0	9.0
2484.411765	56.32	---	74.00	17.68	150.0	V	242.0	9.0

Final Result

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