

Appendix A: Test Results

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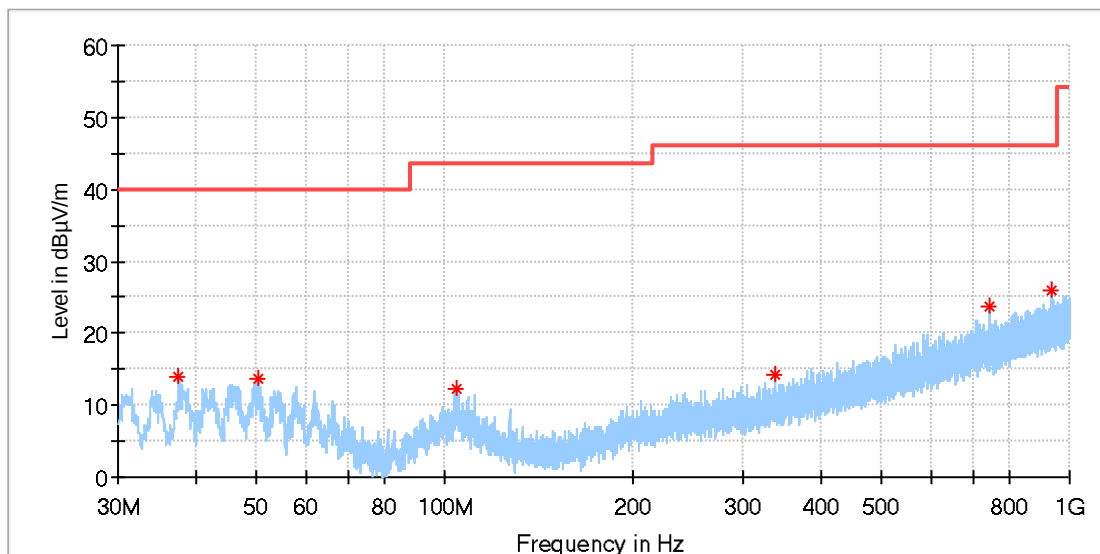
Appendix A.1: Test Results of Field strength of fundamental & harmonics

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:	VC386
Test Mode:	2470MHz
Order No/Sample No:	168556377/A003997823-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

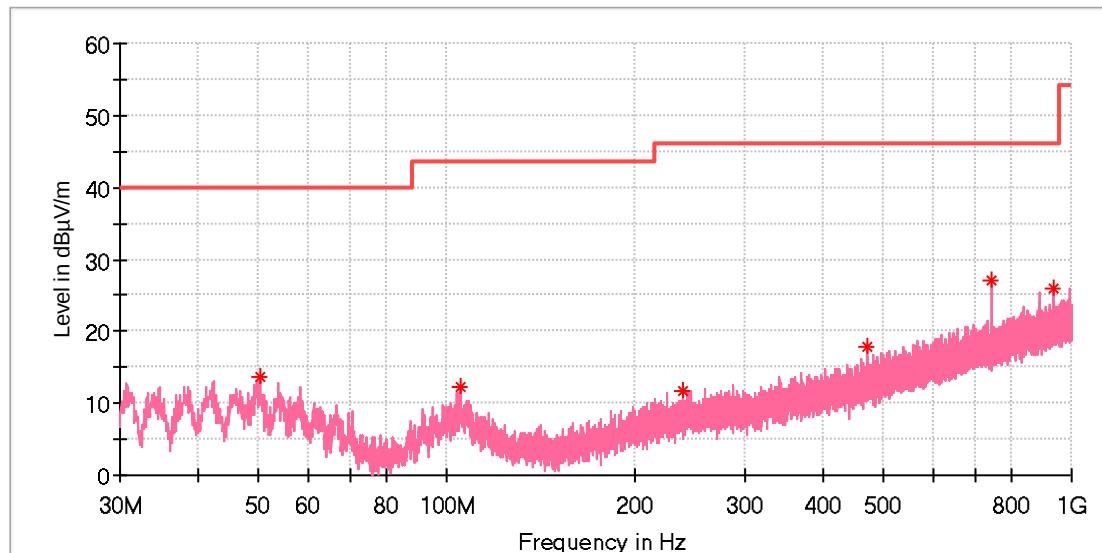
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.573462	13.99	40.00	26.01	100.0	H	234.0	-21.0
50.183462	13.61	40.00	26.39	100.0	H	159.0	-18.4
104.690000	12.15	43.50	31.35	100.0	H	326.0	-18.9
338.086923	14.28	46.00	31.72	100.0	H	344.0	-15.1
742.502308	23.81	46.00	22.19	100.0	H	336.0	-7.2
936.950000	25.89	46.00	20.11	100.0	H	31.0	-4.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.183462	13.55	40.00	26.45	100.0	V	122.0	-18.4
105.137692	12.36	43.50	31.14	100.0	V	229.0	-18.9
238.960385	11.77	46.00	34.23	100.0	V	95.0	-17.8
469.410000	17.80	46.00	28.20	100.0	V	229.0	-12.4
742.502308	27.00	46.00	19.00	100.0	V	23.0	-7.2
937.509615	26.04	46.00	19.96	100.0	V	76.0	-4.4

Final_Result

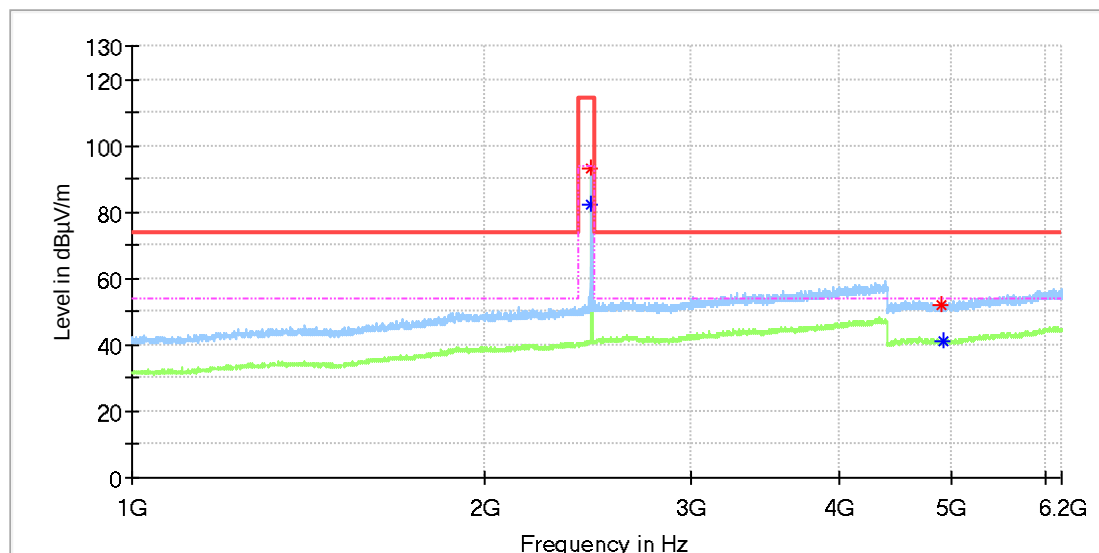
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	Remote Control
Model:	VC386
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Order No/Sample No:	168556377/A003997823-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

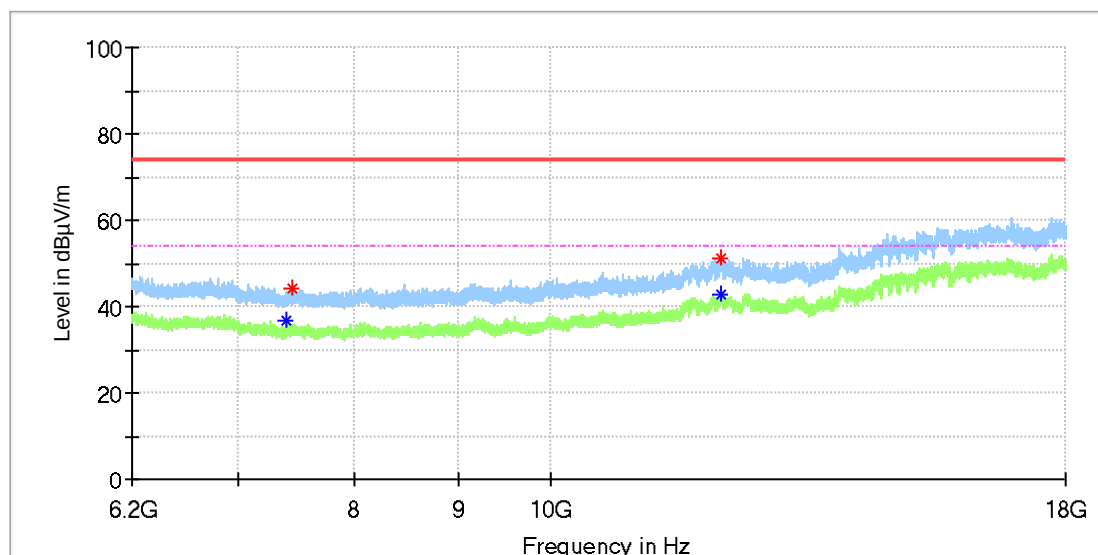
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2464.000000	---	82.42	94.00	11.58	150.0	H	211.0	9.0
2464.500000	92.98	---	114.00	21.02	150.0	H	296.0	9.0
4906.500000	52.28	---	74.00	21.72	150.0	H	257.0	13.3
4925.500000	---	41.39	54.00	12.61	150.0	H	335.0	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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Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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Reviewed By:	Terry Yin



Critical_Freqs

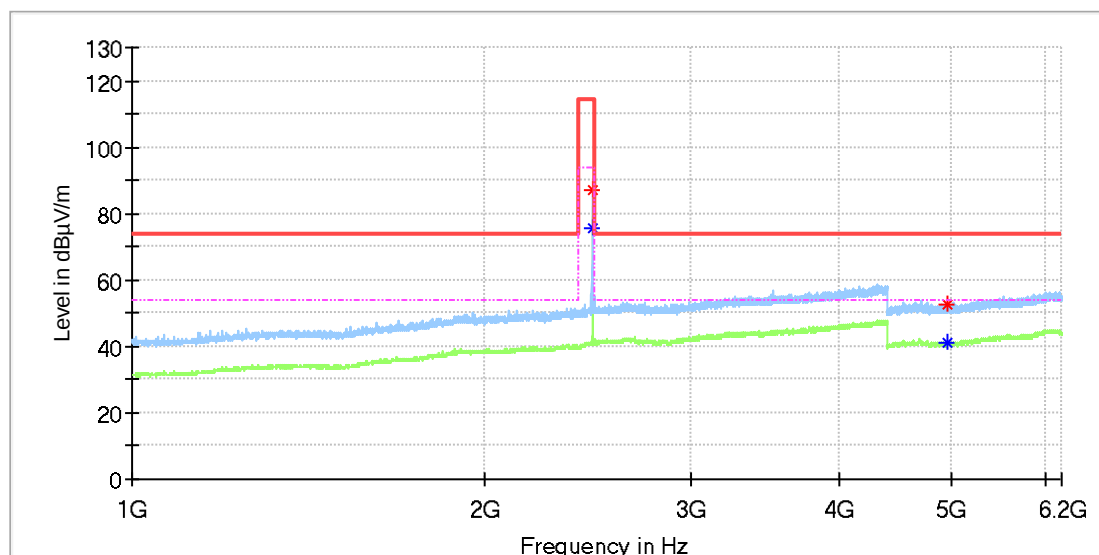
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7393.766667	---	36.93	54.00	17.07	150.0	H	220.0	8.3
7452.766667	44.11	---	74.00	29.89	150.0	H	182.0	8.5
12142.775000	51.31	---	74.00	22.69	150.0	H	87.0	16.5
12148.675000	---	42.75	54.00	11.25	150.0	H	311.0	16.7

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:	VC386
Test Mode:	2470MHz
Order No/Sample No:	168556377/A003997823-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

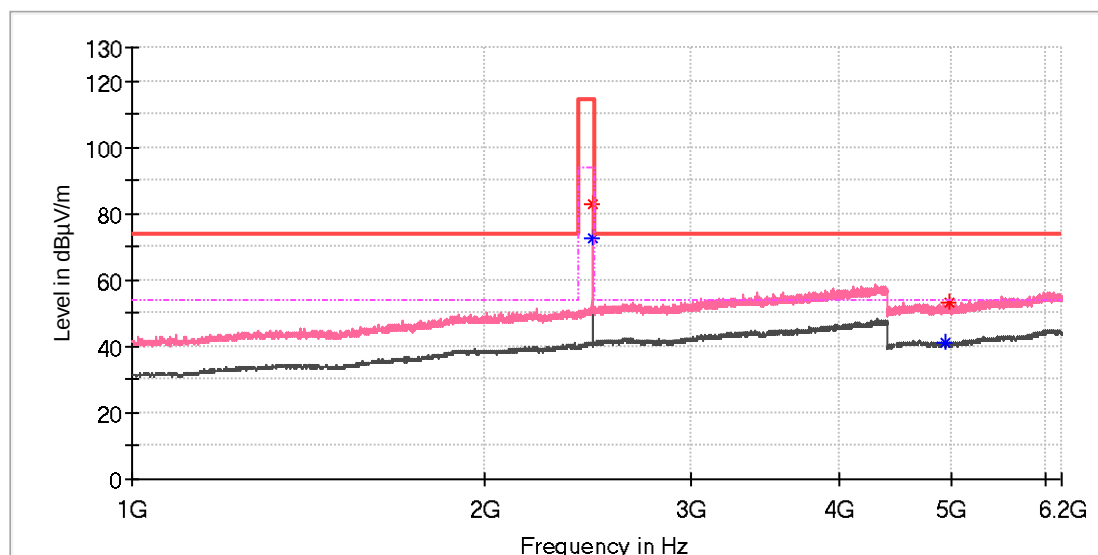
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2470.500000	---	75.67	94.00	18.33	150.0	H	199.0	9.0
2470.500000	86.93	---	114.00	27.07	150.0	H	199.0	9.0
4951.500000	---	41.41	54.00	12.59	150.0	H	232.0	13.3
4952.500000	52.50	---	74.00	21.50	150.0	H	53.0	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:	VC386
Test Mode:	2470MHz
Order No/Sample No:	168556377/A003997823-002
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)
2470.000000	82.87	---	114.00	31.13	150.0	V	256.0	9.0
2471.000000	---	72.79	94.00	21.21	150.0	V	256.0	9.0
4944.500000	---	41.11	54.00	12.89	150.0	V	204.0	13.3
4983.000000	53.35	---	74.00	20.65	150.0	V	46.0	13.3

Final_Result

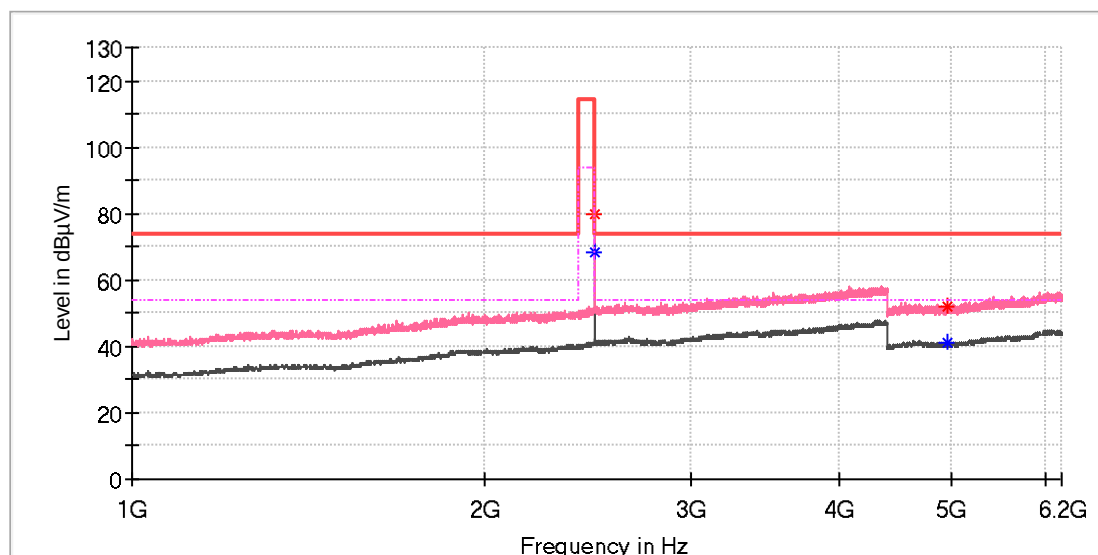
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Information

EUT Information

EUT Name:	Remote Control
Model:	VC386
Test Mode:	2480MHz
Order No/Sample No:	168556377/A003997823-002
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)
2480.000000	79.66	---	114.00	34.34	150.0	V	7.0	9.0
2481.000000	---	68.62	94.00	25.38	150.0	V	24.0	9.0
4949.500000	---	41.05	54.00	12.95	150.0	V	282.0	13.3
4963.500000	52.14	---	74.00	21.86	150.0	V	301.0	13.3

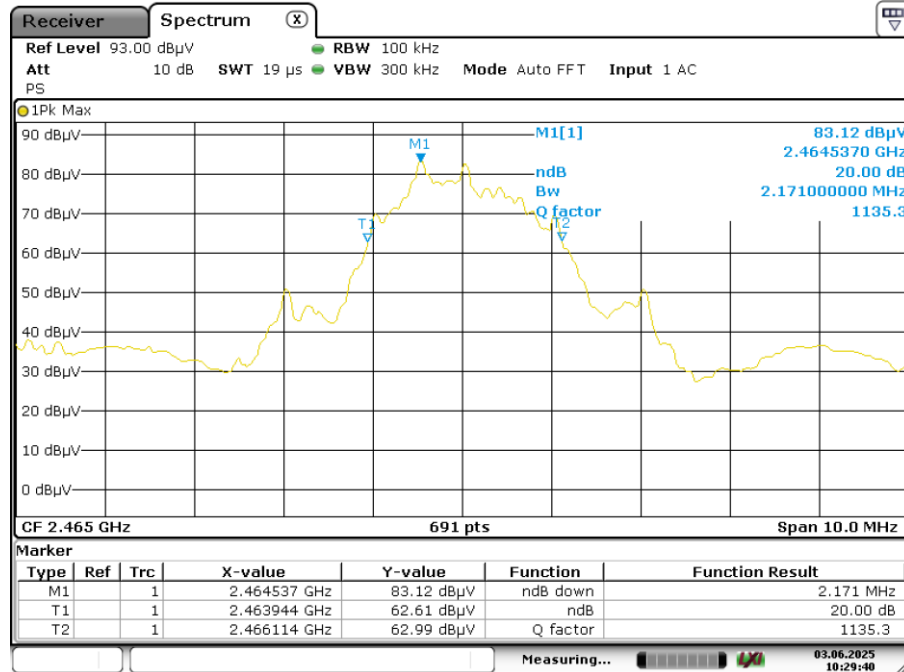
Final_Result

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

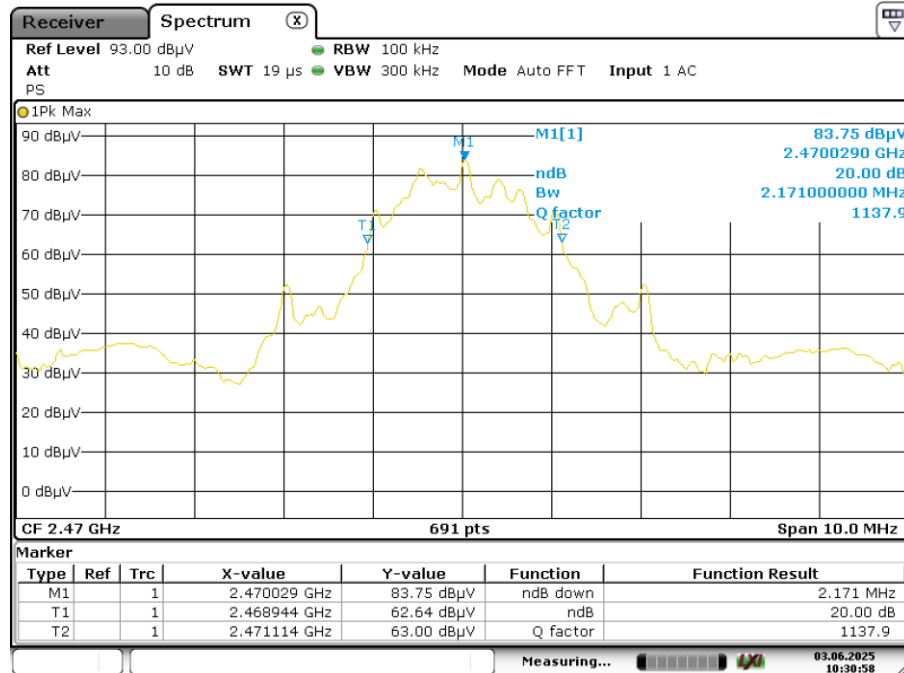
Appendix A.2: Test Results of 20dB Bandwidth

2465MHz



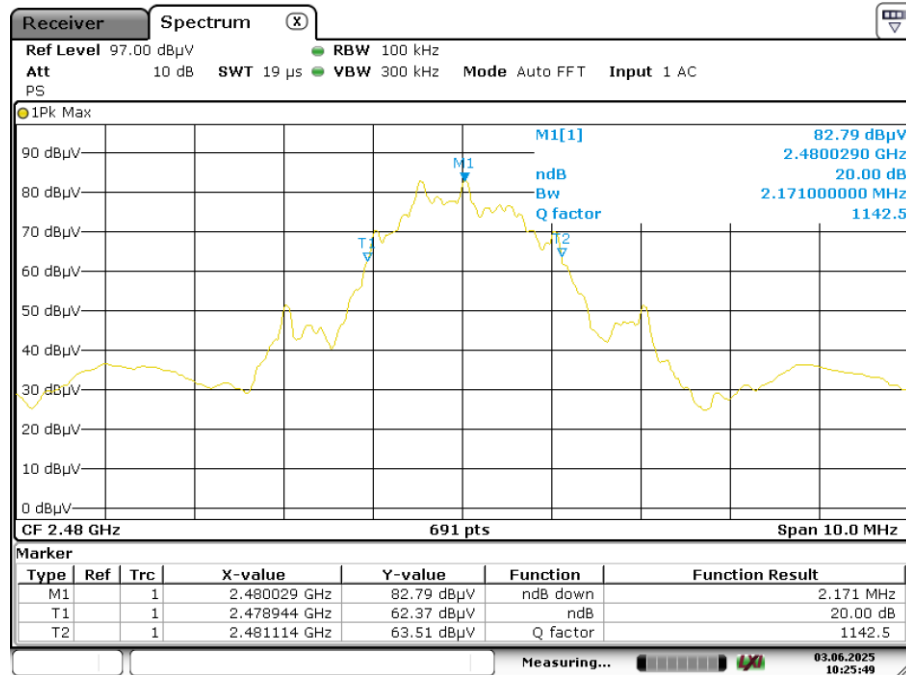
Date: 3.JUN.2025 10:29:40

2470MHz



Date: 3.JUN.2025 10:30:58

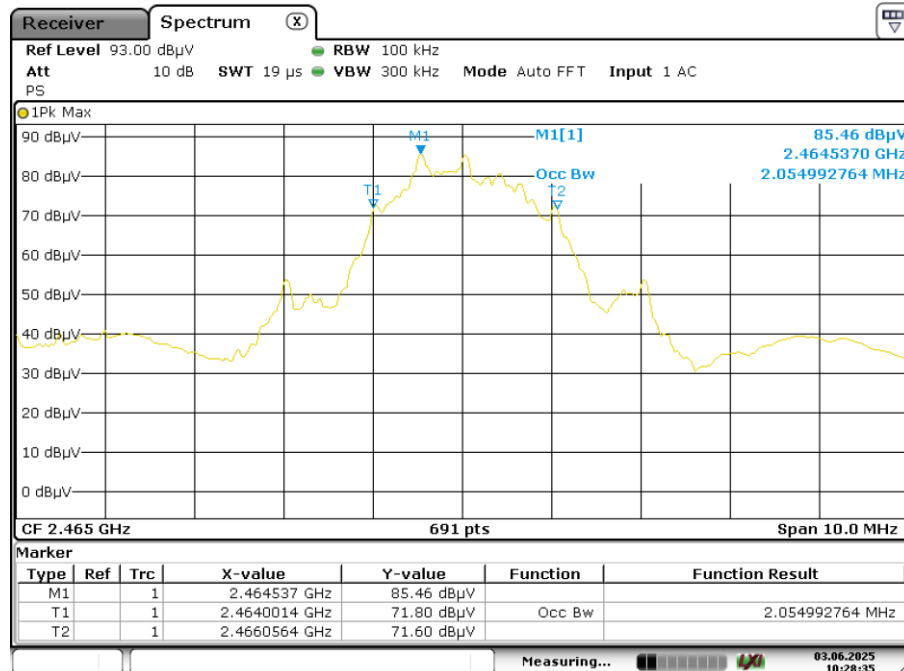
2480MHz



Date: 3.JUN.2025 10:25:49

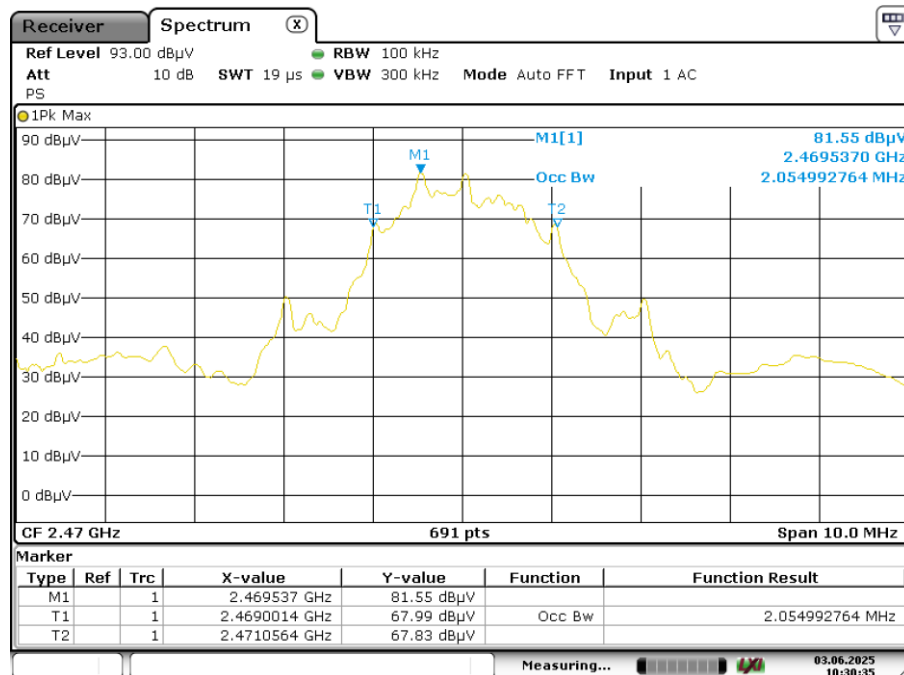
Appendix A.3: Test Results of 99% Bandwidth

2465MHz

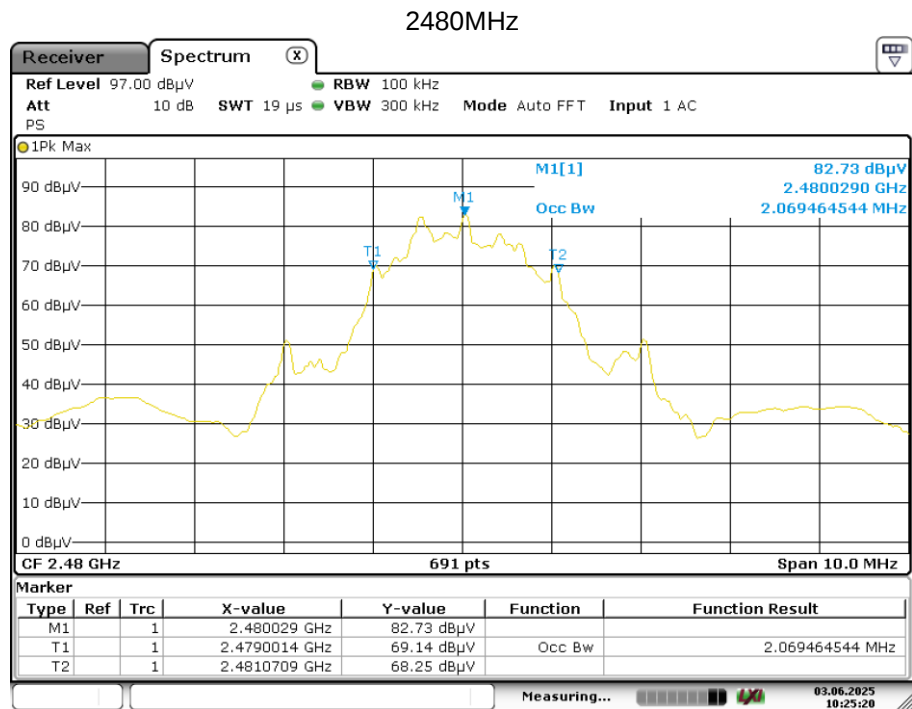


Date: 3.JUN.2025 10:28:35

2470MHz

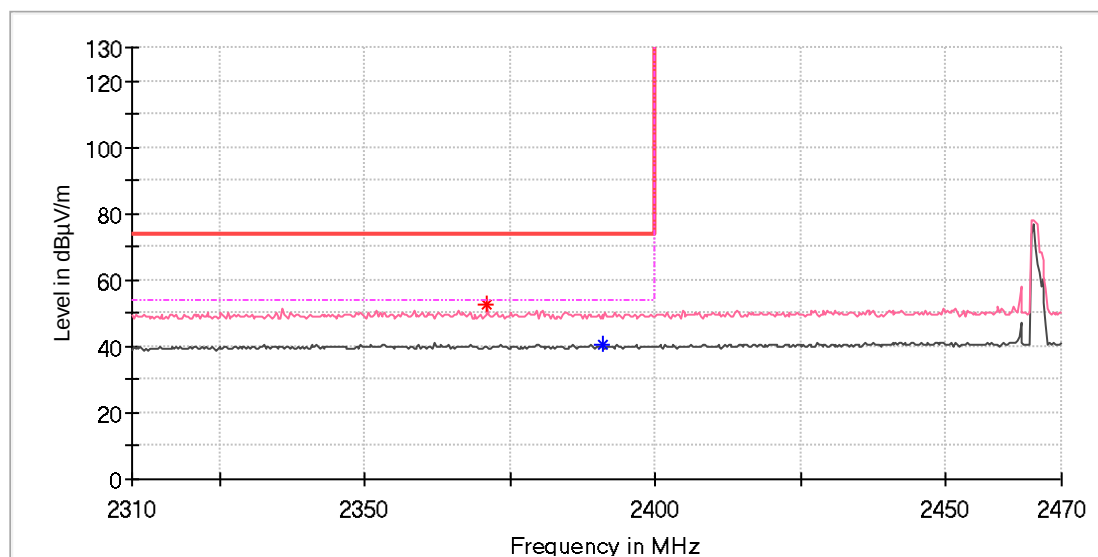


Date: 3.JUN.2025 10:30:36



Date: 3.JUN.2025 10:25:20

EUT Name:	Remote Control
Model:	VC386
Test Mode:	2465MHz
Order No/Sample No:	168556377/A003997823-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2371.176471	52.36	---	74.00	21.64	150.0	V	302.0	8.5
2390.882353	---	40.42	54.00	13.58	150.0	V	185.0	8.5

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 Name:	Remote Control
Model:	VC386
Test Mode:	2480MHz
Order No/Sample No:	168556377/A003997823-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

