

Appendix A: Test Results

APPENDIX A: TEST RESULTS	1
APPENDIX A.1: TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL & HARMONICS.....	2
30MHz - 1GHz	2
1GHz - 18GHz.....	4
APPENDIX A.2: TEST RESULTS OF 20DB BANDWIDTH	16
APPENDIX A.3: TEST RESULTS OF 99% BANDWIDTH.....	18
APPENDIX A.4: TEST RESULTS OF BAND EDGE	20

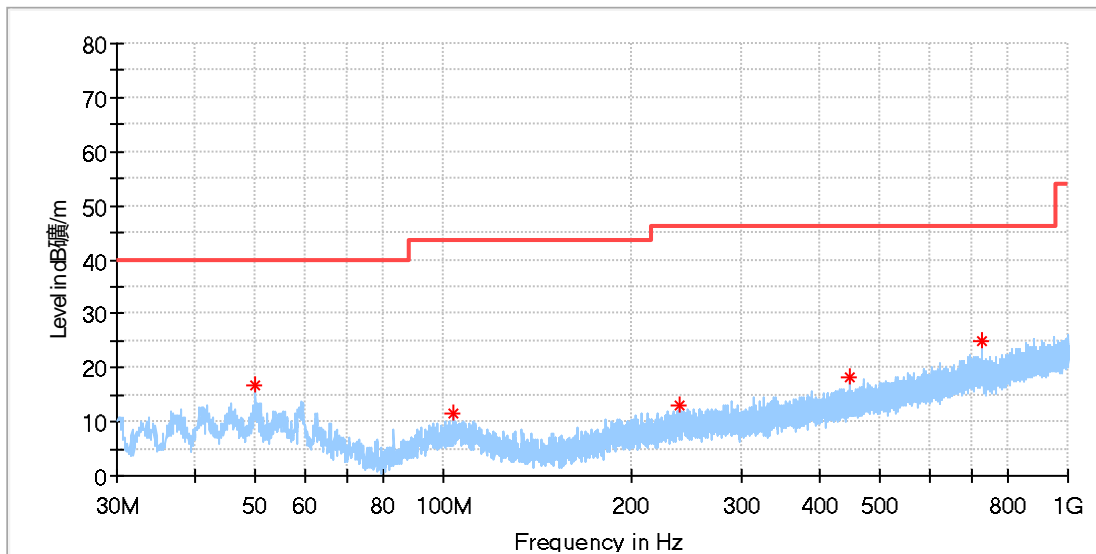
Appendix A.1: Test Results of Field strength of fundamental & harmonics

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:	VC334
Test Mode:	2.4G
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

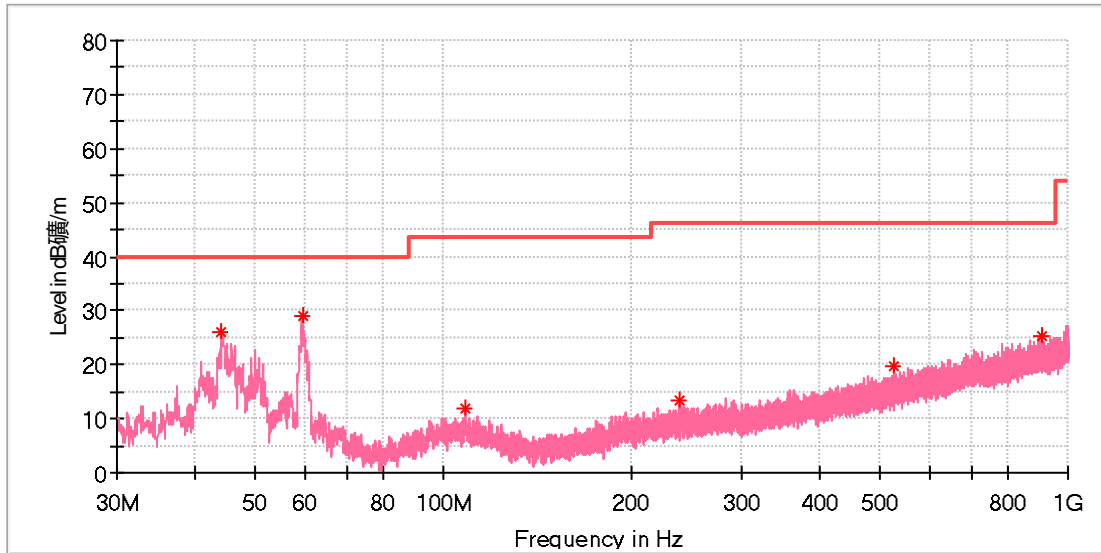
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.034231	16.76	40.00	23.24	100.0	H	164.0	-18.6
103.869231	11.42	43.50	32.08	100.0	H	78.0	-19.1
238.587308	13.00	46.00	33.00	100.0	H	0.0	-18.1
446.950769	18.16	46.00	27.84	100.0	H	96.0	-13.3
726.460000	24.77	46.00	21.23	100.0	H	28.0	-8.0

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:	VC334
Test Mode:	2.4G
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.139615	26.09	40.00	13.91	100.0	V	284.0	-19.3
59.398462	29.19	40.00	10.81	100.0	V	170.0	-19.2
108.532692	12.00	43.50	31.50	100.0	V	244.0	-19.3
239.631923	13.57	46.00	32.43	100.0	V	335.0	-18.0
525.110385	19.73	46.00	26.27	100.0	V	195.0	-11.8
905.536923	25.33	46.00	20.67	100.0	V	138.0	-5.4

Final_Result

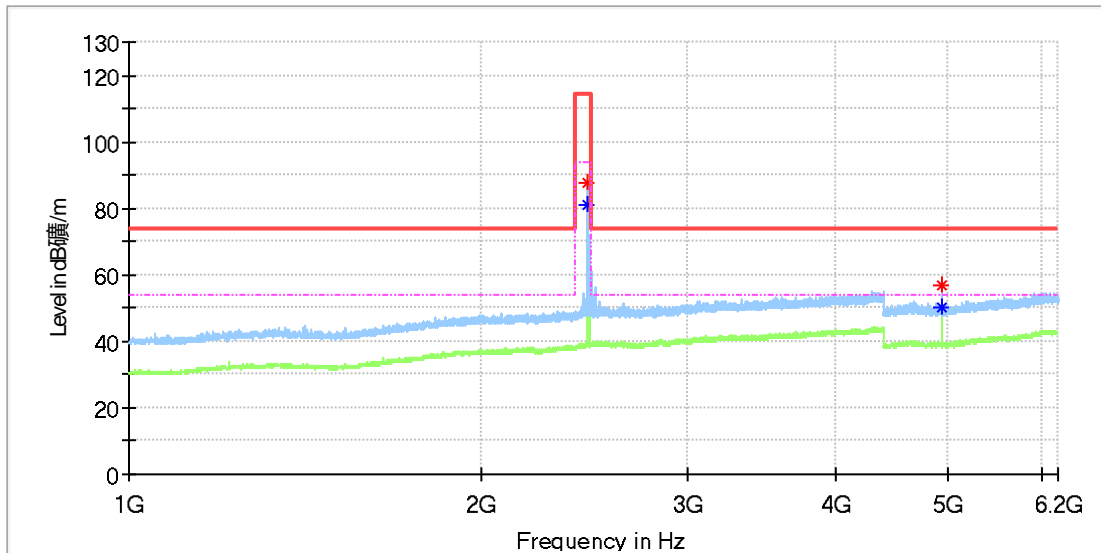
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Remote Control
Model:	VC334
Test Mode:	2.4G(2465MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

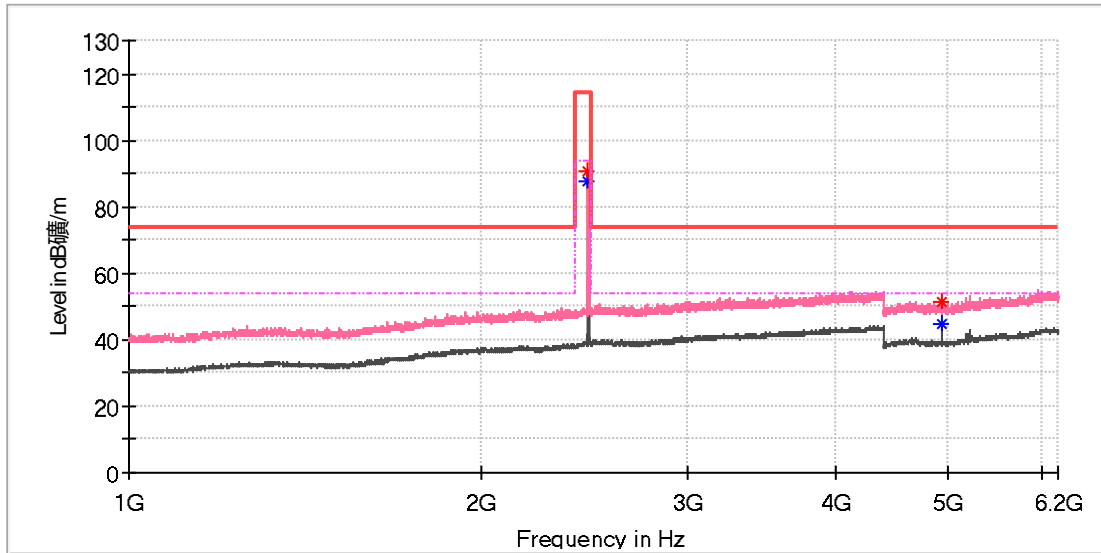
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2463.500000	---	80.87	94.00	13.13	150.0	H	196.0	7.4
2464.000000	87.50	---	114.00	26.50	150.0	H	196.0	7.4
4929.000000	---	50.14	54.00	3.86	150.0	H	192.0	11.8
4929.000000	57.08	---	74.00	16.92	150.0	H	192.0	11.8

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:	VC334
Test Mode:	2.4G(2465MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

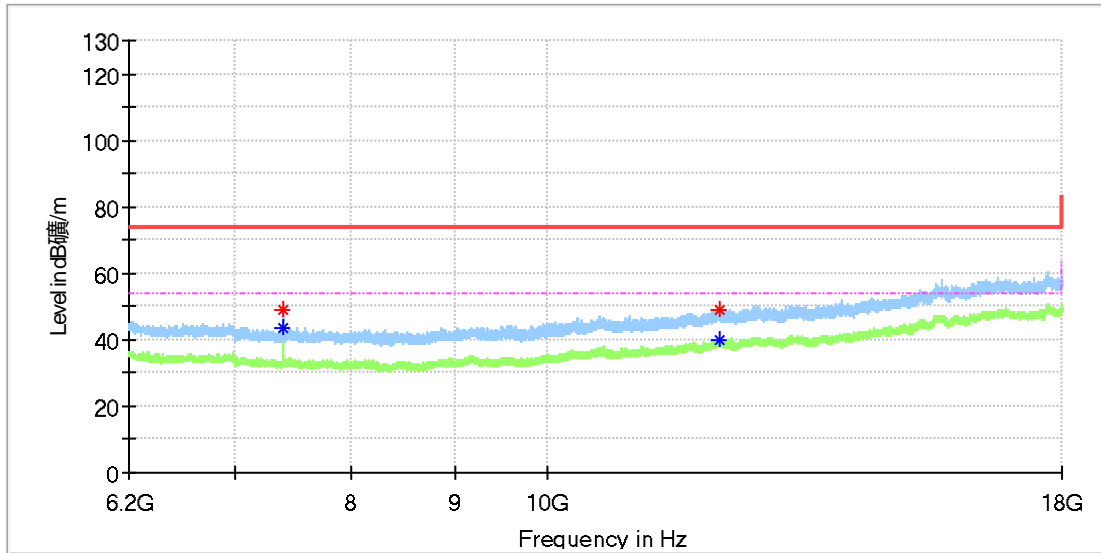
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2465.000000	---	87.51	94.00	6.49	150.0	V	279.0	7.4
2465.500000	90.66	---	114.00	23.34	150.0	V	279.0	7.4
4929.500000	---	44.68	54.00	9.32	150.0	V	264.0	11.8
4930.000000	51.09	---	74.00	22.91	150.0	V	264.0	11.8

Final Result

Frequency (MHz)	MaxPeak (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:	VC334
Test Mode:	2.4G(2465MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

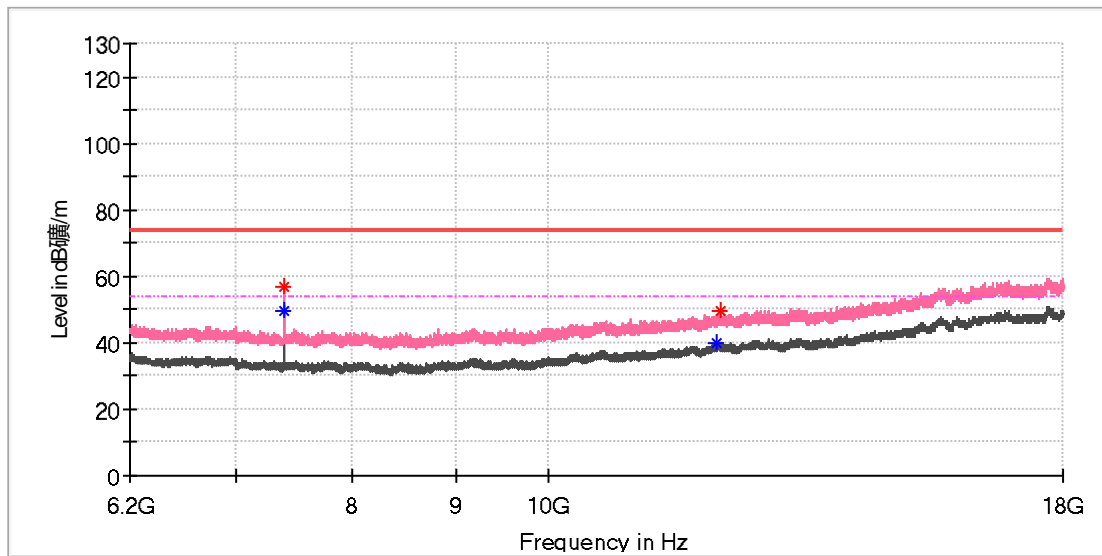
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7393.275000	49.22	---	74.00	24.78	150.0	H	336.0	8.3
7393.766667	---	43.67	54.00	10.33	150.0	H	336.0	8.3
12167.850000	---	39.95	54.00	14.05	150.0	H	103.0	14.5
12177.191667	48.74	---	74.00	25.26	150.0	H	228.0	14.6

Final Result

Frequency (MHz)	MaxPeak (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: VC334
 Test Mode: 2.4G(2465MHz)
 Order No/Sample No: A003670824-003
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.249
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

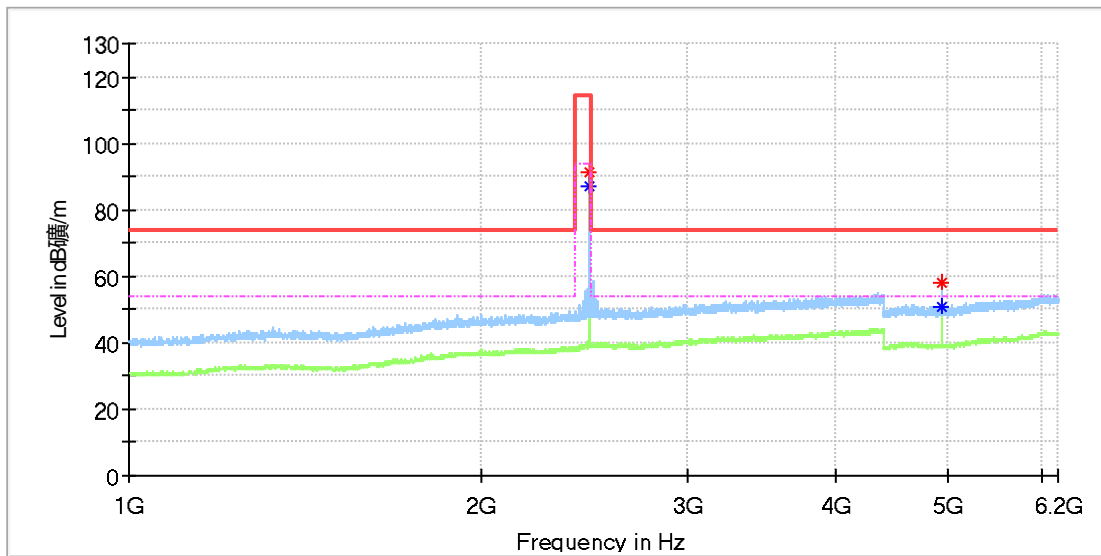
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7396.225000	56.80	---	74.00	17.20	150.0	V	285.0	8.3
7396.225000	---	49.78	54.00	4.22	150.0	V	285.0	8.3
12104.425000	---	39.95	54.00	14.05	150.0	V	268.0	14.2
12172.275000	49.60	---	74.00	24.40	150.0	V	259.0	14.5

Final_Result

Frequency (MHz)	MaxPeak (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:	VC334
Test Mode:	2.4G(2470MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

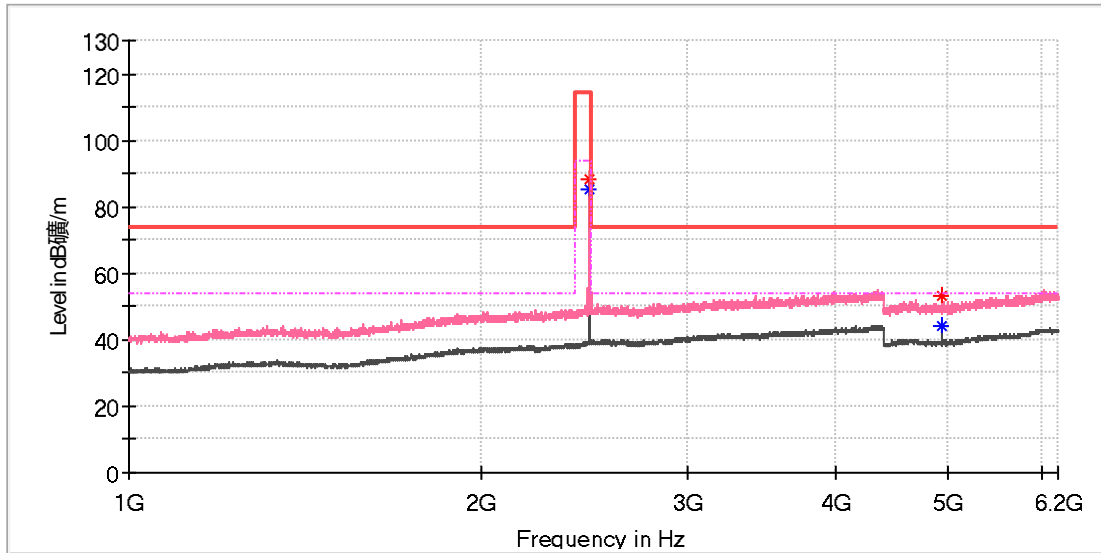
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2469.500000	---	87.28	94.00	6.72	150.0	H	131.0	7.4
2470.500000	91.08	---	114.00	22.92	150.0	H	131.0	7.4
4939.500000	58.16	---	74.00	15.84	150.0	H	157.0	11.8
4940.000000	---	50.72	54.00	3.28	150.0	H	157.0	11.8

Final Result

Frequency (MHz)	MaxPeak (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:	VC334
Test Mode:	2.4G(2470MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

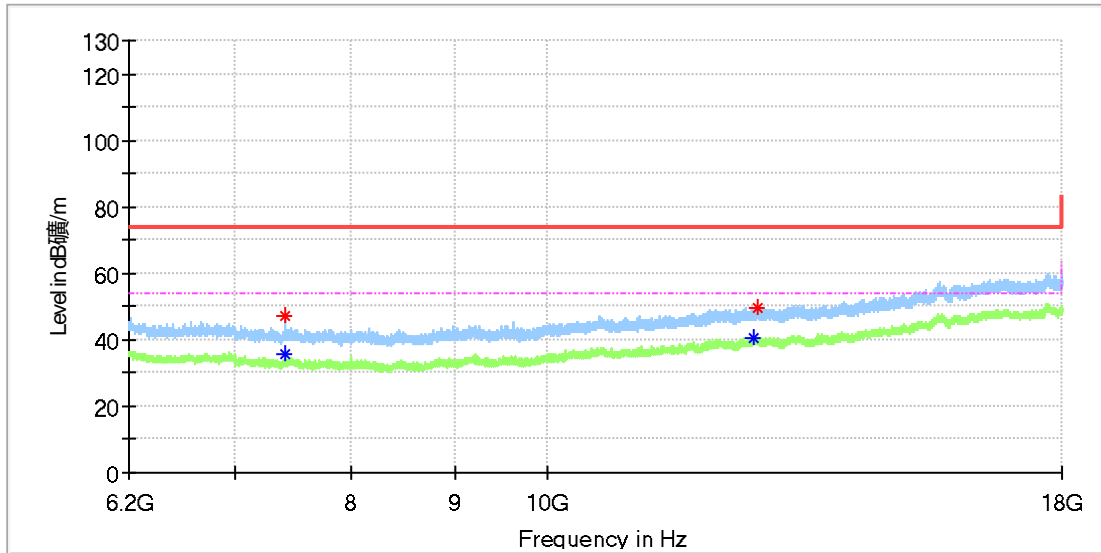
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2470.000000	88.36	---	114.00	25.64	150.0	V	172.0	7.4
2470.500000	---	85.20	94.00	8.80	150.0	V	172.0	7.4
4941.000000	53.05	---	74.00	20.95	150.0	V	201.0	11.8
4941.000000	---	44.11	54.00	9.89	150.0	V	201.0	11.8

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:	VC334
Test Mode:	2.4G(2470MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

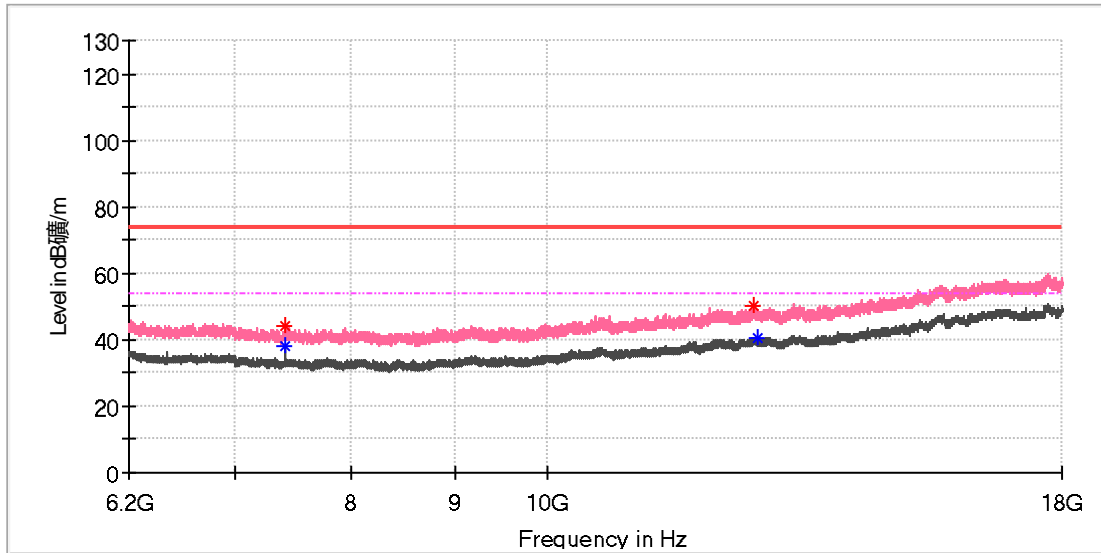
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7407.041667	47.15	---	74.00	26.85	150.0	H	80.0	8.3
7407.041667	---	35.88	54.00	18.12	150.0	H	80.0	8.3
12664.433333	---	40.50	54.00	13.50	150.0	H	0.0	15.0
12702.291667	49.78	---	74.00	24.22	150.0	H	285.0	15.1

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:	VC334
Test Mode:	2.4G(2470MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

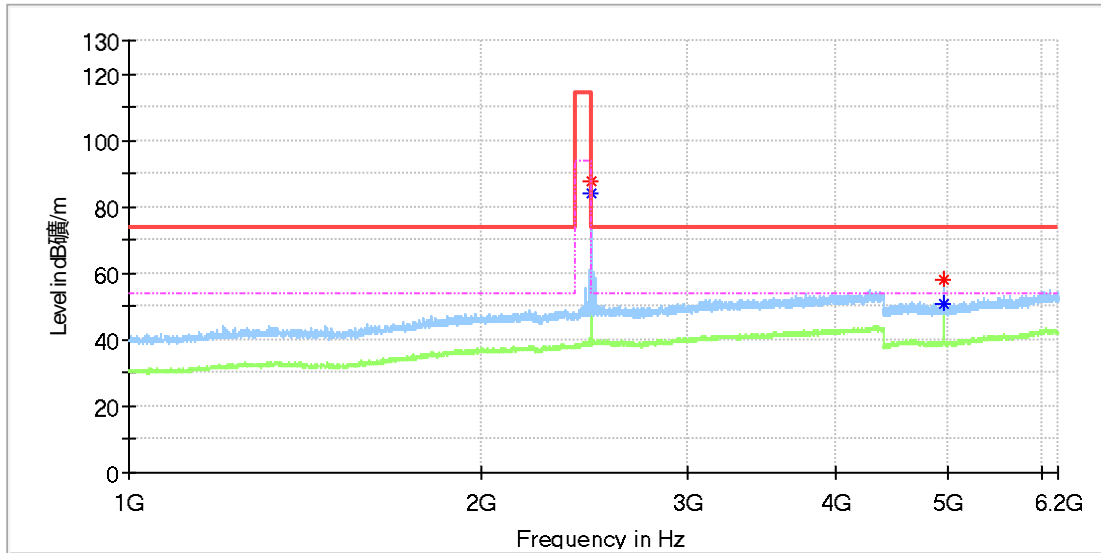
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7407.533333	44.35	---	74.00	29.65	150.0	V	122.0	8.3
7407.533333	---	37.95	54.00	16.05	150.0	V	122.0	8.3
12658.533333	50.02	---	74.00	23.98	150.0	V	104.0	15.0
12701.800000	---	40.65	54.00	13.35	150.0	V	122.0	15.1

Final Result

Frequency (MHz)	MaxPeak (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:	VC334
Test Mode:	2.4G(2480MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

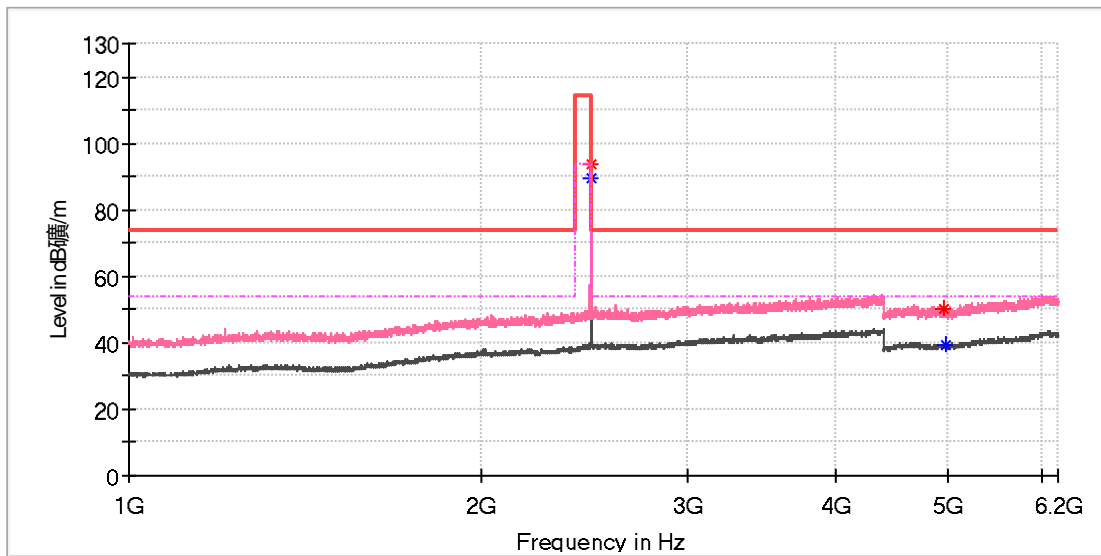
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.000000	---	83.77	94.00	10.23	150.0	H	64.0	7.4
2479.500000	87.47	---	114.00	26.53	150.0	H	64.0	7.4
4960.500000	---	50.91	54.00	3.09	150.0	H	279.0	11.8
4961.000000	57.99	---	74.00	16.01	150.0	H	279.0	11.8

Final Result

Frequency (MHz)	MaxPeak (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:	VC334
Test Mode:	2.4G(2480MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

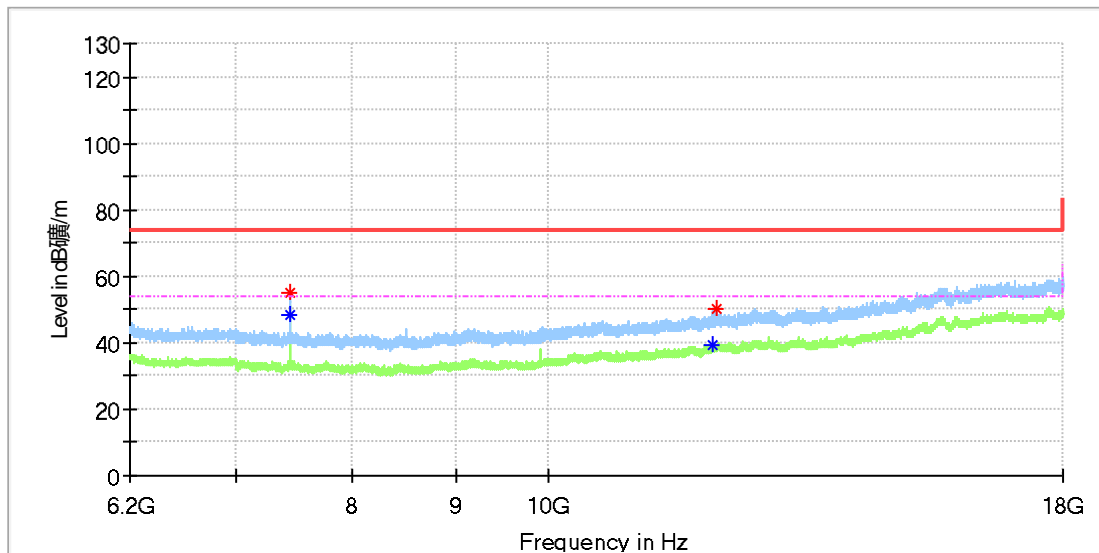
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.500000	---	89.56	94.00	4.44	150.0	V	282.0	7.4
2480.500000	93.54	---	114.00	20.46	150.0	V	282.0	7.4
4964.000000	50.33	---	74.00	23.67	150.0	V	359.0	11.8
4965.000000	---	39.50	54.00	14.50	150.0	V	304.0	11.8

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:	VC334
Test Mode:	2.4G(2480MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

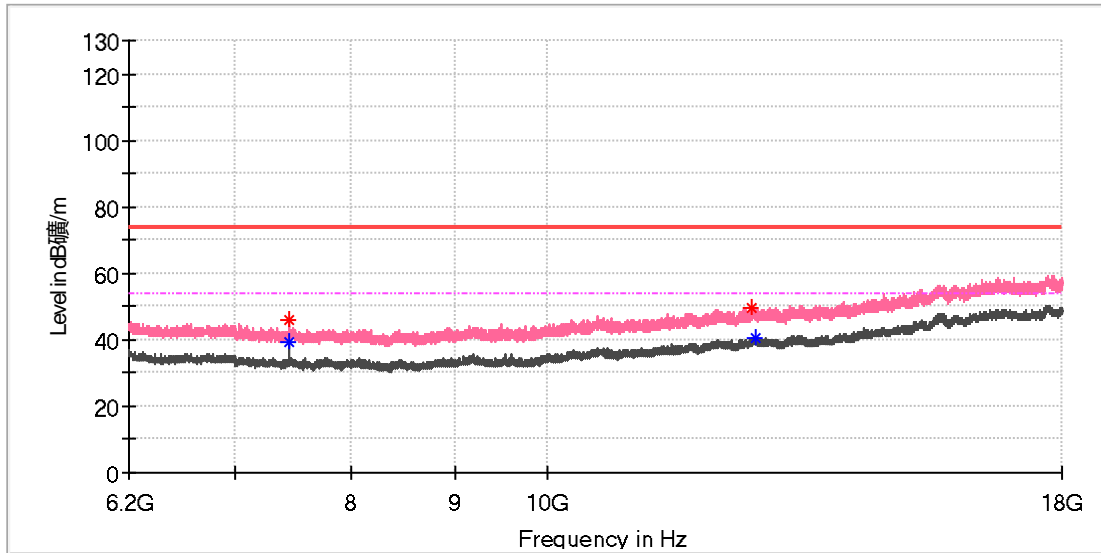
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7438.508333	55.15	---	74.00	18.85	150.0	H	328.0	8.4
7439.000000	---	48.08	54.00	5.92	150.0	H	328.0	8.4
12063.125000	---	39.52	54.00	14.48	150.0	H	346.0	14.0
12114.258333	49.92	---	74.00	24.08	150.0	H	149.0	14.2

Final Result

Frequency (MHz)	MaxPeak (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:	VC334
Test Mode:	2.4G(2480MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

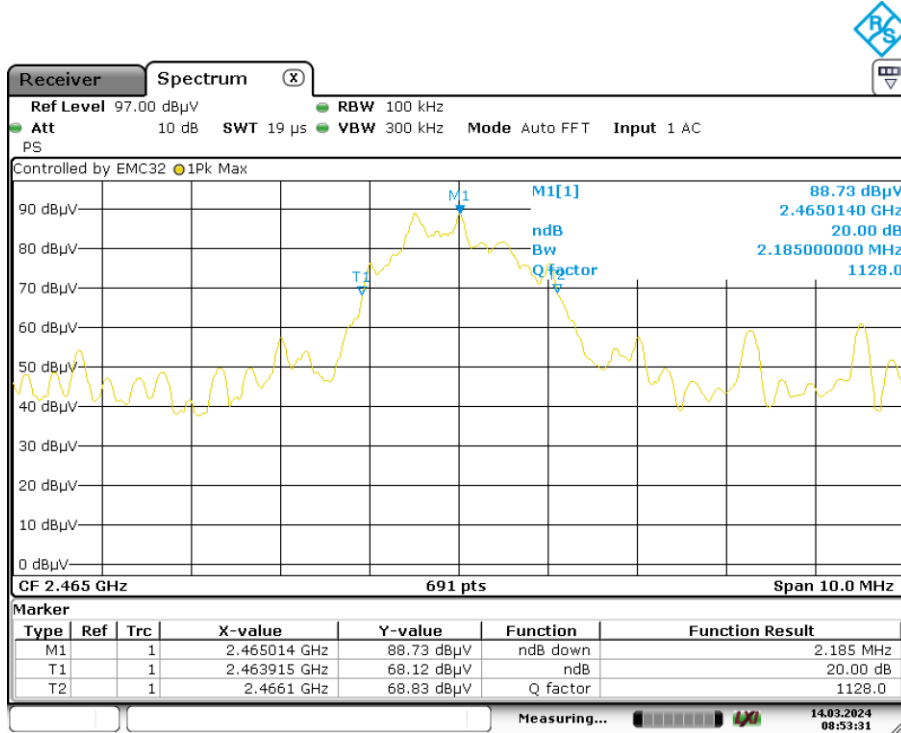
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7438.508333	45.97	---	74.00	28.03	150.0	V	263.0	8.4
7439.000000	---	39.36	54.00	14.64	150.0	V	263.0	8.4
12636.408333	49.42	---	74.00	24.58	150.0	V	191.0	15.0
12688.033333	---	40.28	54.00	13.72	150.0	V	118.0	15.1

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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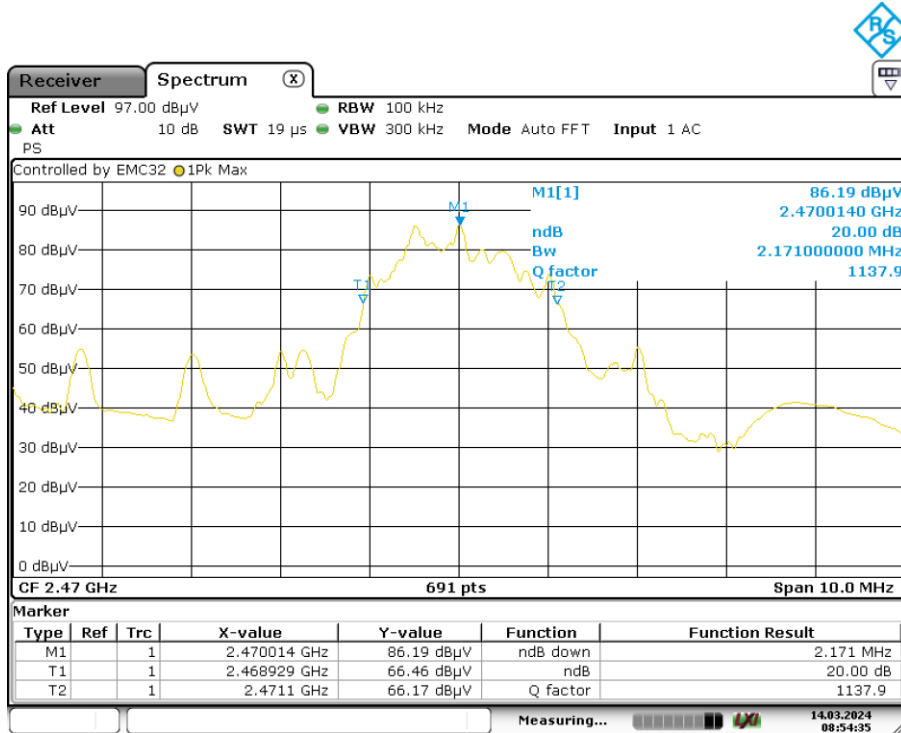
Appendix A.2: Test Results of 20dB Bandwidth

2465MHz



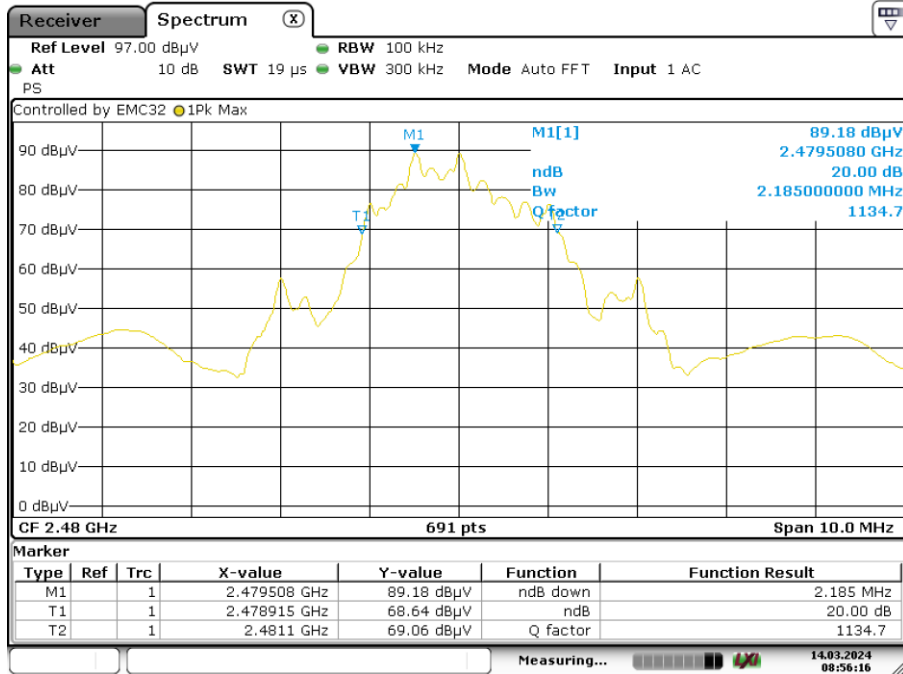
Date: 14.MAR.2024 08:53:30

2470MHz



Date: 14.MAR.2024 08:54:35

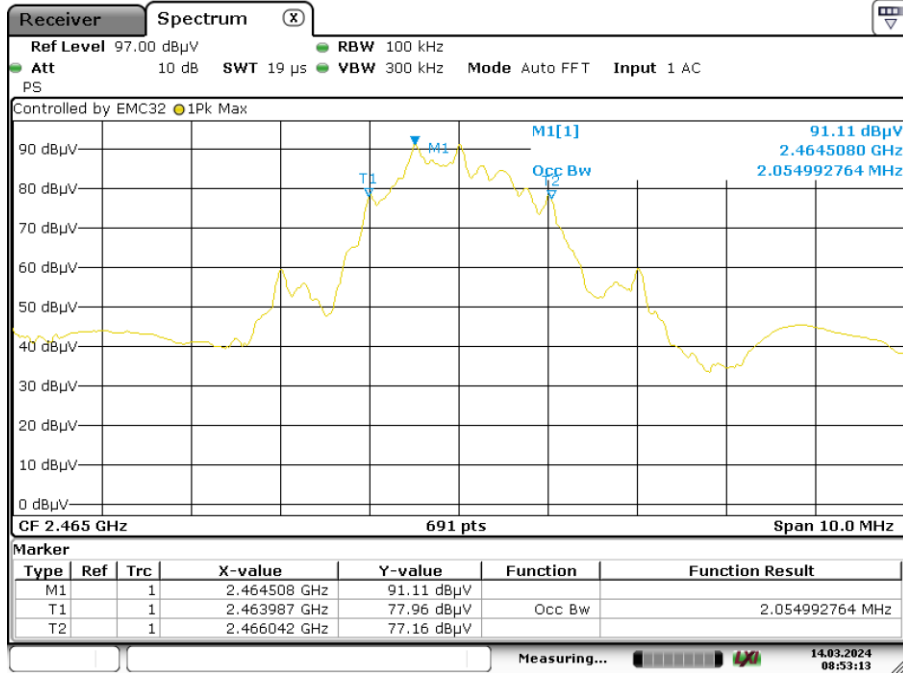
2480MHz



Date: 14.MAR.2024 08:56:16

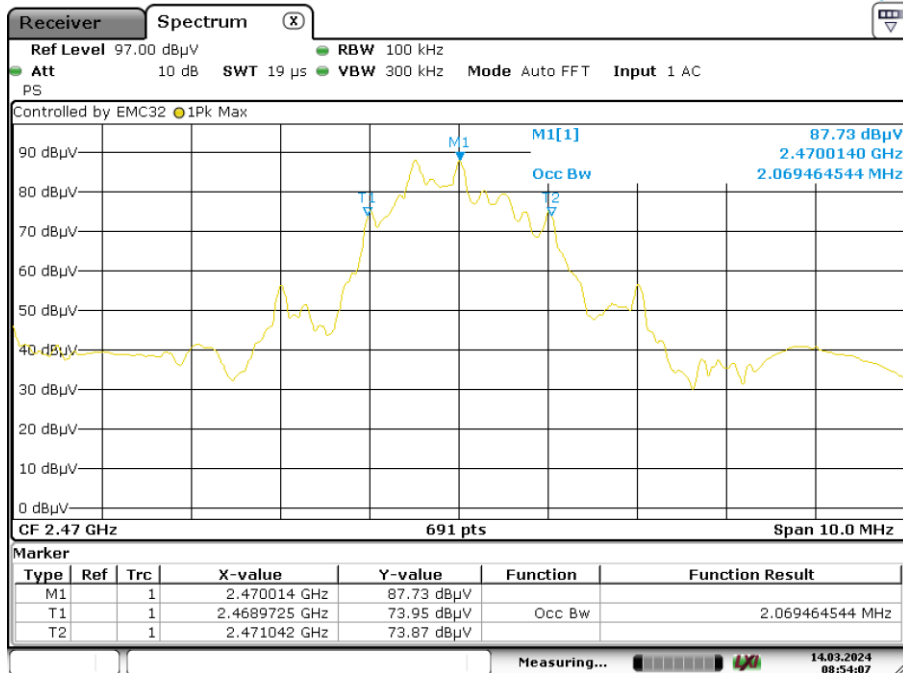
Appendix A.3: Test Results of 99% Bandwidth

2465MHz



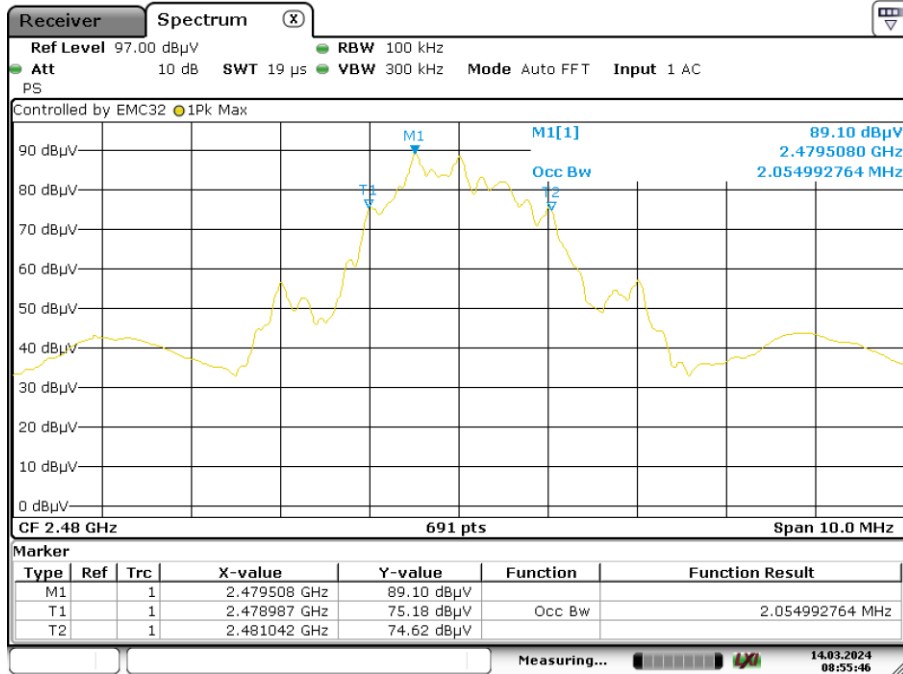
Date: 14.MAR.2024 08:53:13

2470MHz



Date: 14.MAR.2024 08:54:07

2480MHz

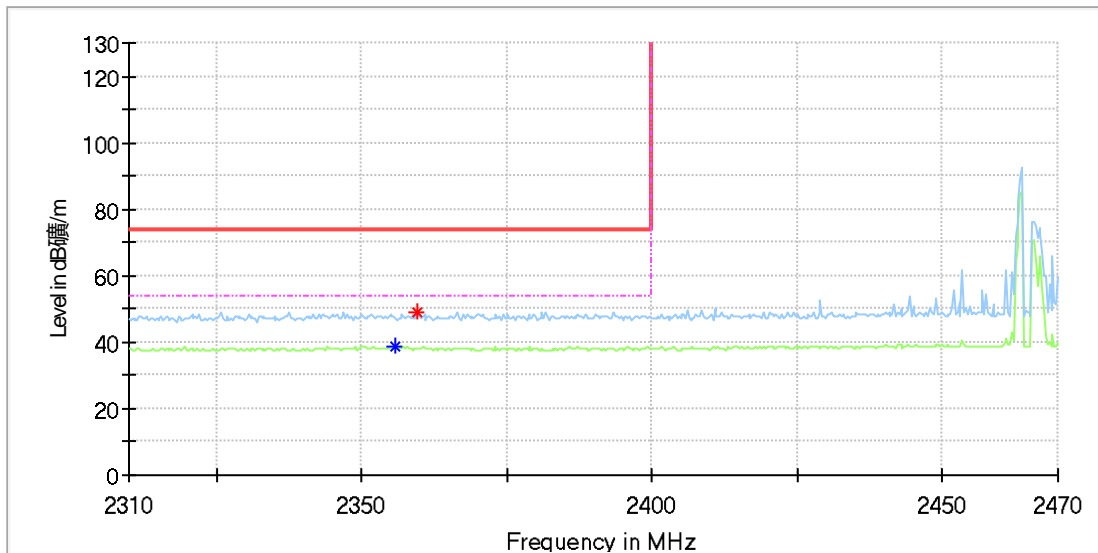


Date: 14.MAR.2024 08:55:46

Appendix A.4: Test Results of Band Edge

EUT Information

EUT Name:	Remote Control
Model:	VC334
Test Mode:	2.4G(2465MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

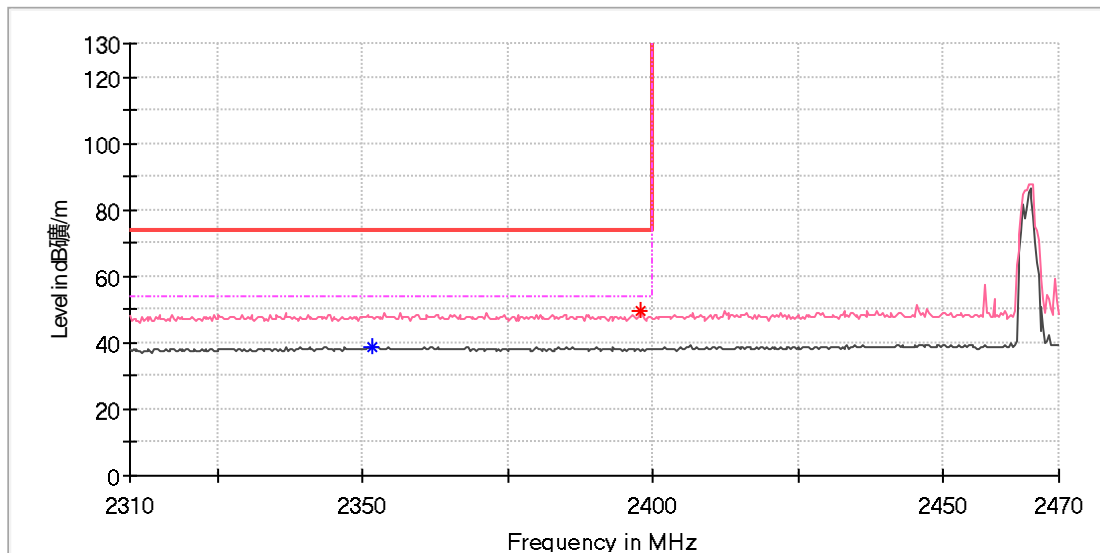
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2355.882353	---	38.80	54.00	15.20	150.0	H	326.0	6.9
2359.705882	49.14	---	74.00	24.86	150.0	H	356.0	6.9

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:	VC334
Test Mode:	2.4G(2465MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

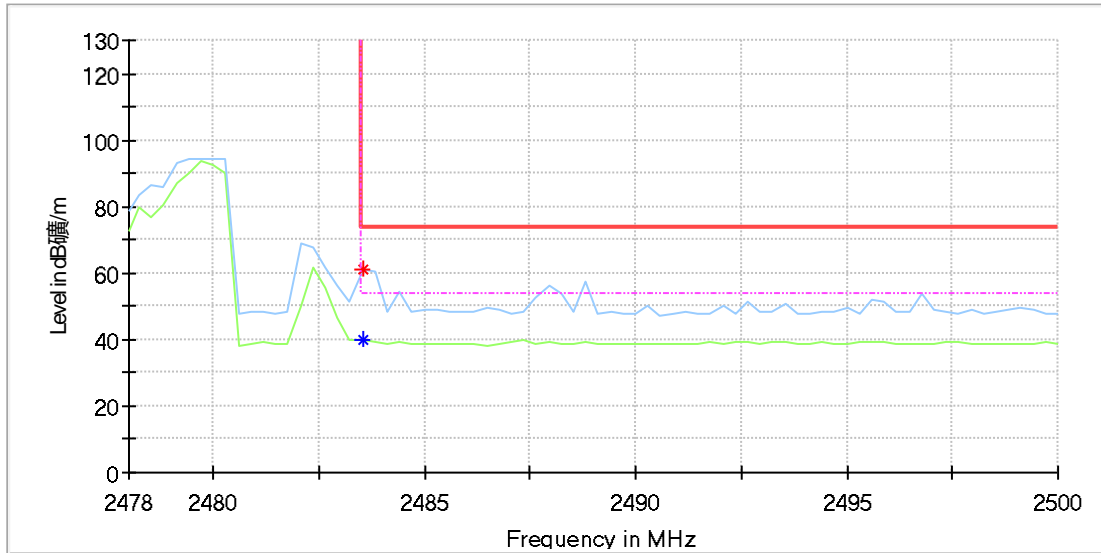
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2351.764706	---	38.96	54.00	15.04	150.0	V	156.0	6.9
2397.941177	49.37	---	74.00	24.63	150.0	V	68.0	7.0

Final Result

Frequency (MHz)	MaxPeak (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:	VC334
Test Mode:	2.4G(2480MHz)
Order No/Sample No:	A003670824-003
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

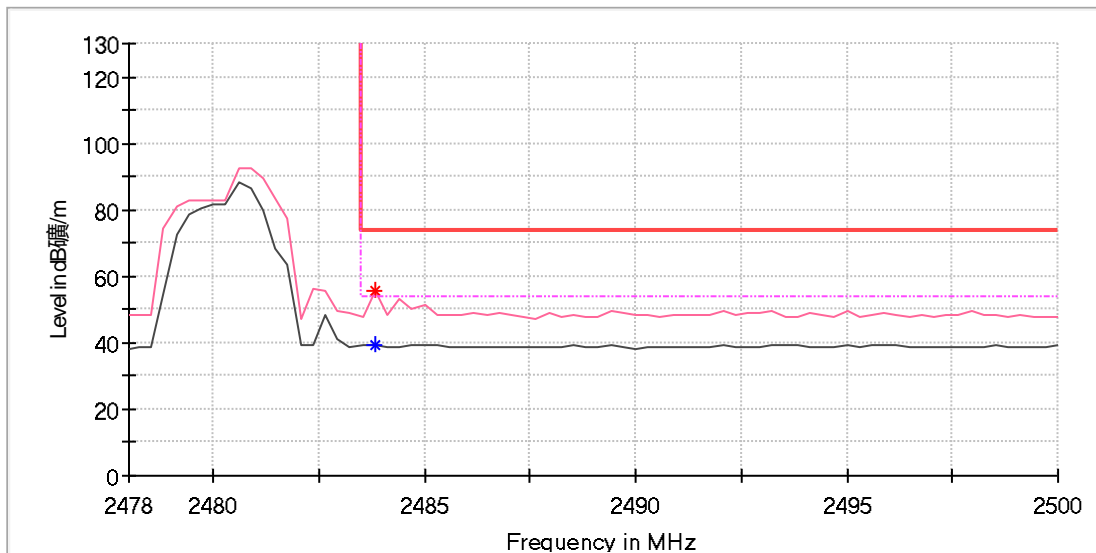
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	40.20	54.00	13.80	150.0	H	356.0	7.4
2483.529412	60.91	---	74.00	13.09	150.0	H	356.0	7.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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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)
2483.823529	---	39.58	54.00	14.42	150.0	V	40.0	7.4
2483.823529	55.71	---	74.00	18.29	150.0	V	40.0	7.4

Final Result

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