

Appendix A: Test Results

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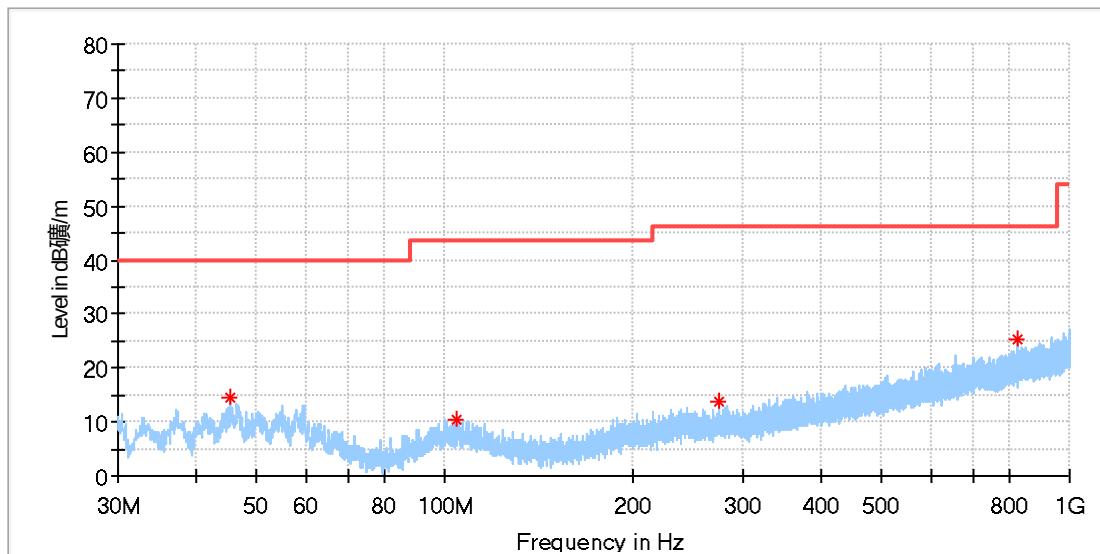
Appendix A.1: Test Results of Field strength of fundamental & harmonics

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:	VC129
Test Mode:	2.4GHz_2470 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

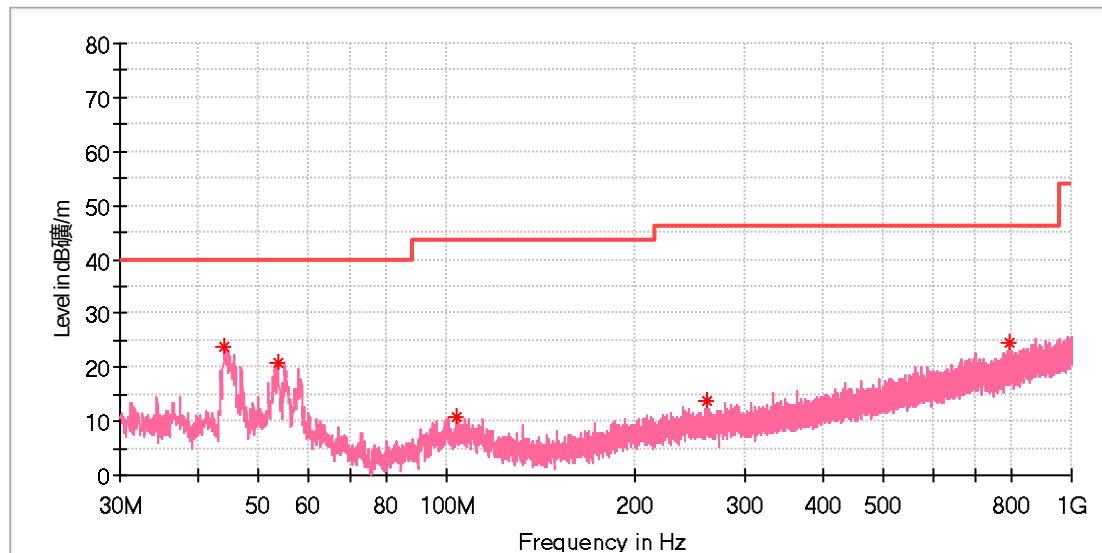
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.333462	14.47	40.00	25.53	100.0	H	31.0	-19.1
104.839231	10.60	43.50	32.90	100.0	H	63.0	-19.1
274.104231	13.59	46.00	32.41	100.0	H	271.0	-17.2
826.332692	25.34	46.00	20.66	100.0	H	95.0	-6.2

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:	VC129
Test Mode:	2.4GHz_2470 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
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)
44.176923	23.91	40.00	16.09	100.0	V	63.0	-19.3
53.727692	20.99	40.00	19.01	100.0	V	209.0	-18.7
103.869231	10.65	43.50	32.85	100.0	V	3.0	-19.1
261.195769	13.68	46.00	32.32	100.0	V	334.0	-17.4
792.681154	24.47	46.00	21.53	100.0	V	227.0	-6.9

Final Result

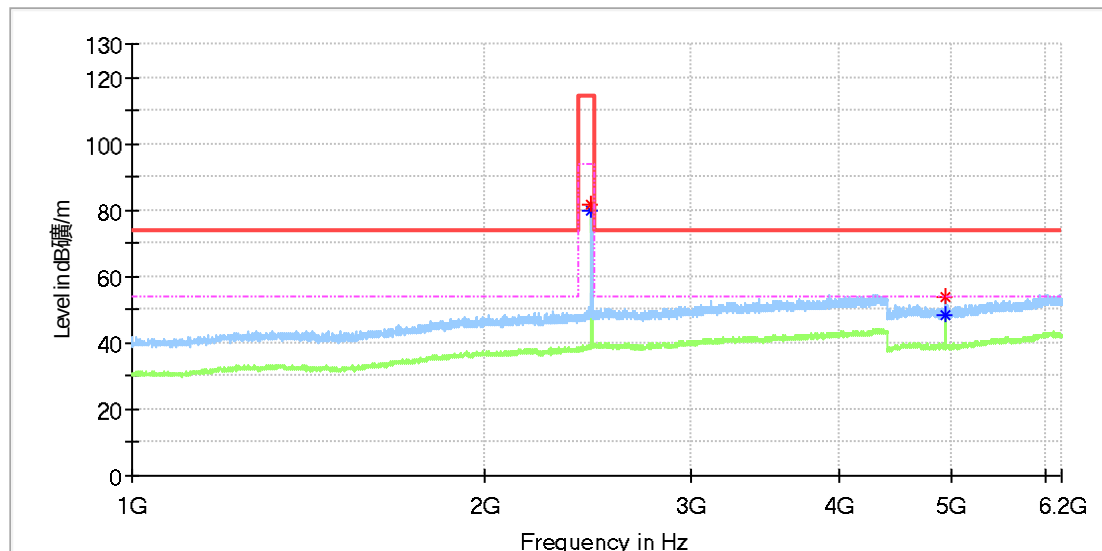
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Remote Control
Model:	VC129
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Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

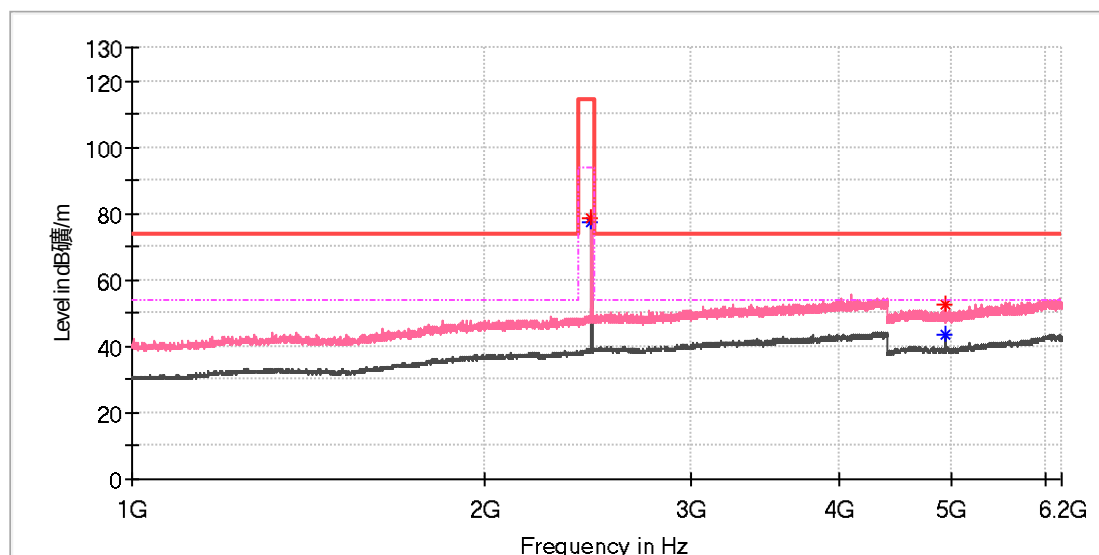
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2464.500000	81.76	---	114.00	32.24	150.0	H	44.0	7.4
2465.000000	---	79.93	94.00	14.07	150.0	H	356.0	7.4
4929.000000	53.76	---	74.00	20.24	150.0	H	233.0	11.8
4929.000000	---	48.34	54.00	5.66	150.0	H	233.0	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:	VC129
Test Mode:	2.4GHz_2465 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

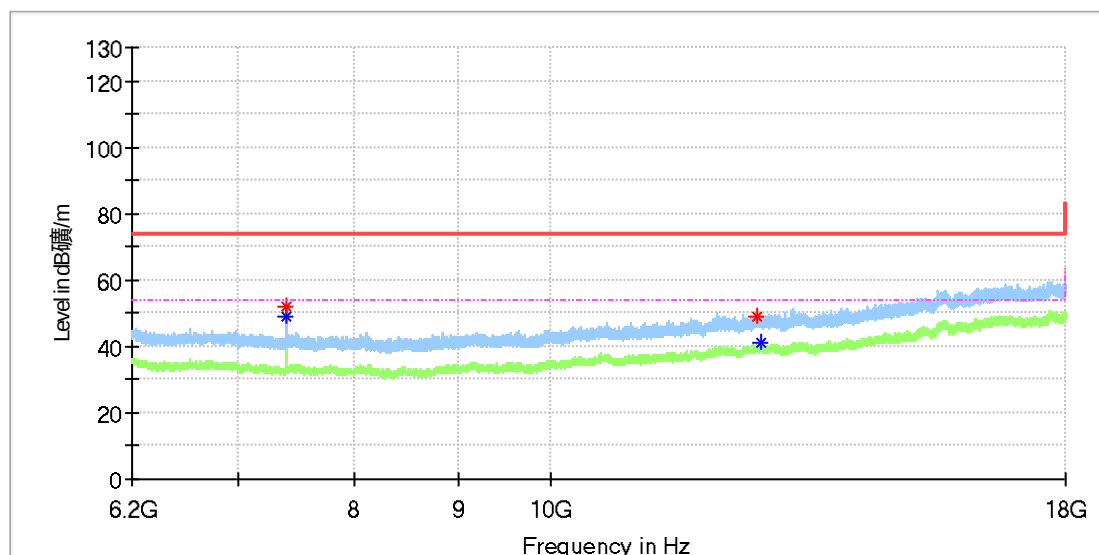
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2464.500000	78.70	---	114.00	35.30	150.0	V	109.0	7.4
2464.500000	---	77.38	94.00	16.62	150.0	V	109.0	7.4
4928.500000	---	43.64	54.00	10.36	150.0	V	269.0	11.8
4930.500000	52.45	---	74.00	21.55	150.0	V	281.0	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:	VC129
Test Mode:	2.4GHz_2465 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

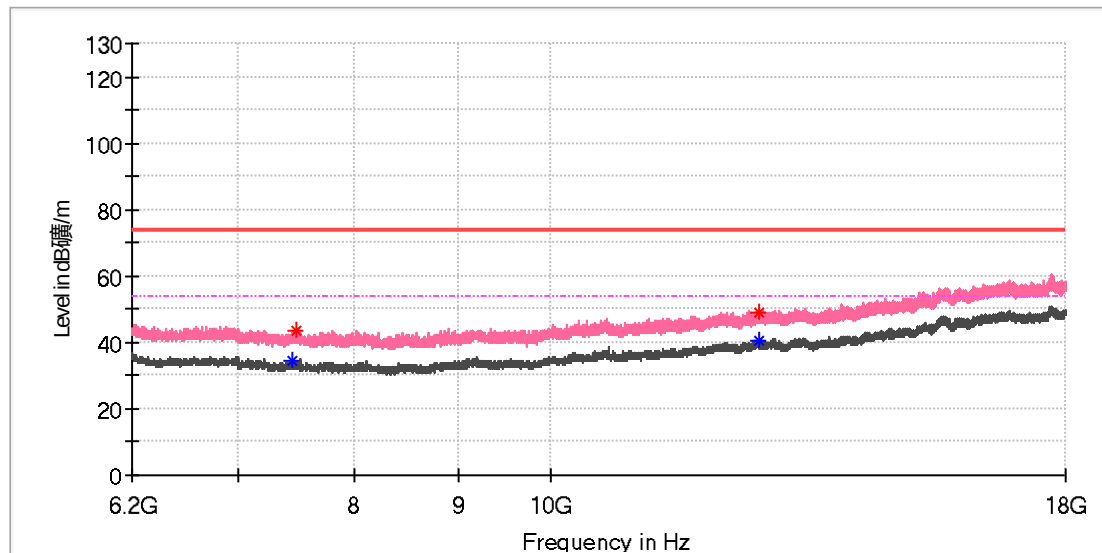
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7393.275000	---	49.23	54.00	4.77	150.0	H	299.0	8.3
7393.766667	52.04	---	74.00	21.96	150.0	H	299.0	8.3
12668.366667	49.20	---	74.00	24.80	150.0	H	345.0	15.1
12713.600000	---	40.97	54.00	13.03	150.0	H	286.0	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:	VC129
Test Mode:	2.4GHz_2465 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

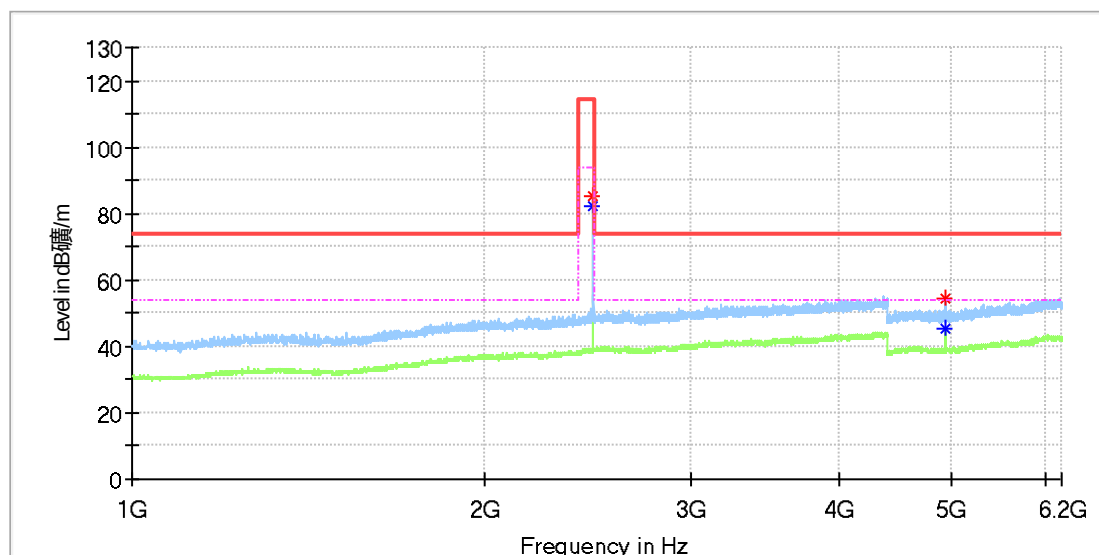
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	---	34.65	54.00	19.35	150.0	V	194.0	8.4
7481.283333	43.80	---	74.00	30.20	150.0	V	23.0	8.7
12693.933333	---	40.65	54.00	13.35	150.0	V	169.0	15.1
12694.916667	49.18	---	74.00	24.82	150.0	V	181.0	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: VC129
Test Mode: 2.4GHz_2470 MHz
Order No/Sample No: 168487155/A003727632-002
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

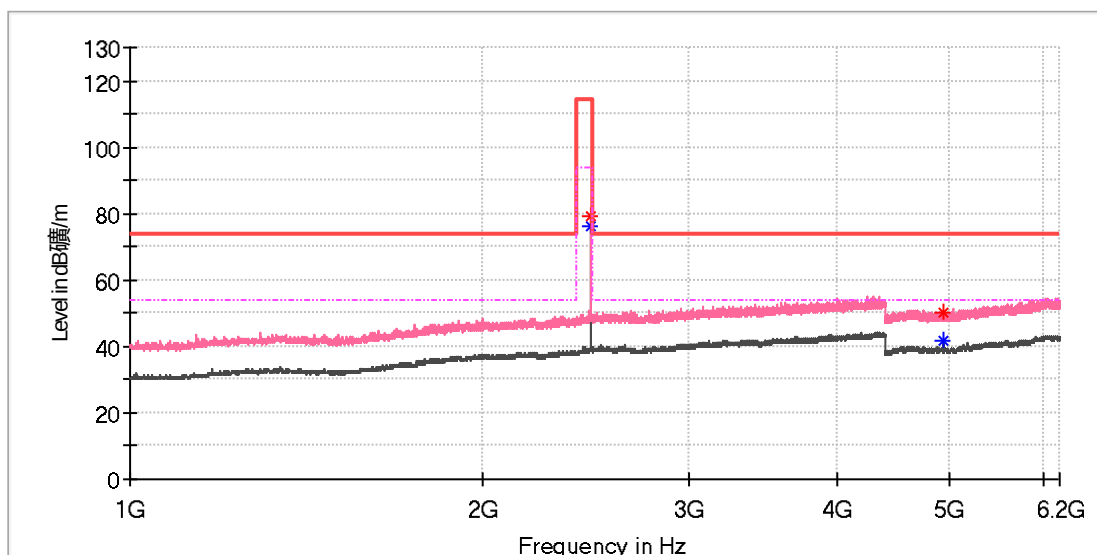
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2469.500000	84.98	---	114.00	29.02	150.0	H	85.0	7.4
2469.500000	---	82.46	94.00	11.54	150.0	H	85.0	7.4
4939.000000	---	45.61	54.00	8.39	150.0	H	207.0	11.8
4940.000000	54.26	---	74.00	19.74	150.0	H	14.0	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: VC129
Test Mode: 2.4GHz_2470 MHz
Order No/Sample No: 168487155/A003727632-002
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

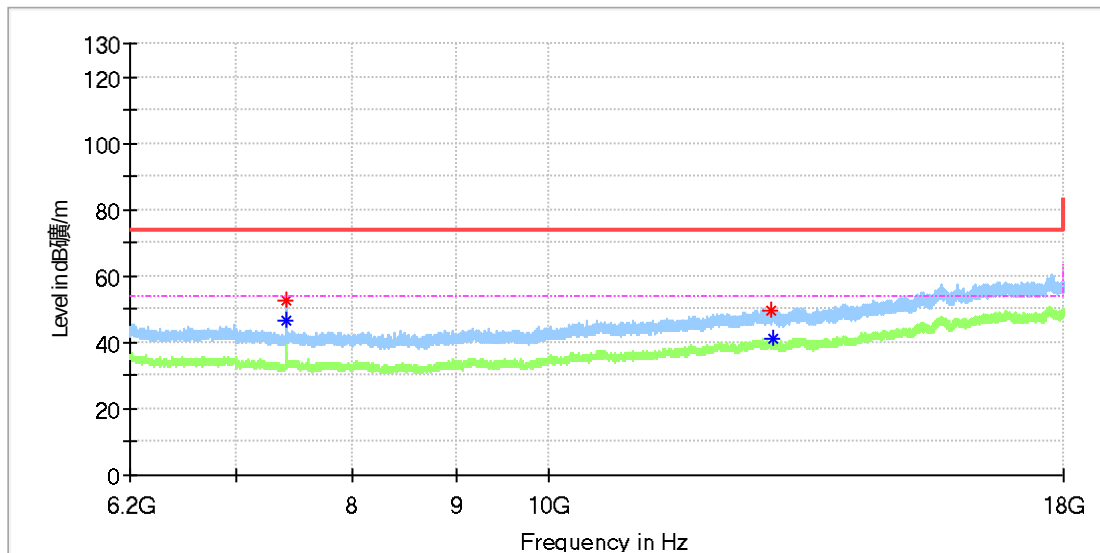
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2469.500000	79.02	---	114.00	34.98	150.0	V	128.0	7.4
2470.000000	---	76.37	94.00	17.63	150.0	V	128.0	7.4
4940.500000	50.44	---	74.00	23.56	150.0	V	322.0	11.8
4940.500000	---	41.80	54.00	12.20	150.0	V	322.0	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:	VC129
Test Mode:	2.4GHz_2470 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

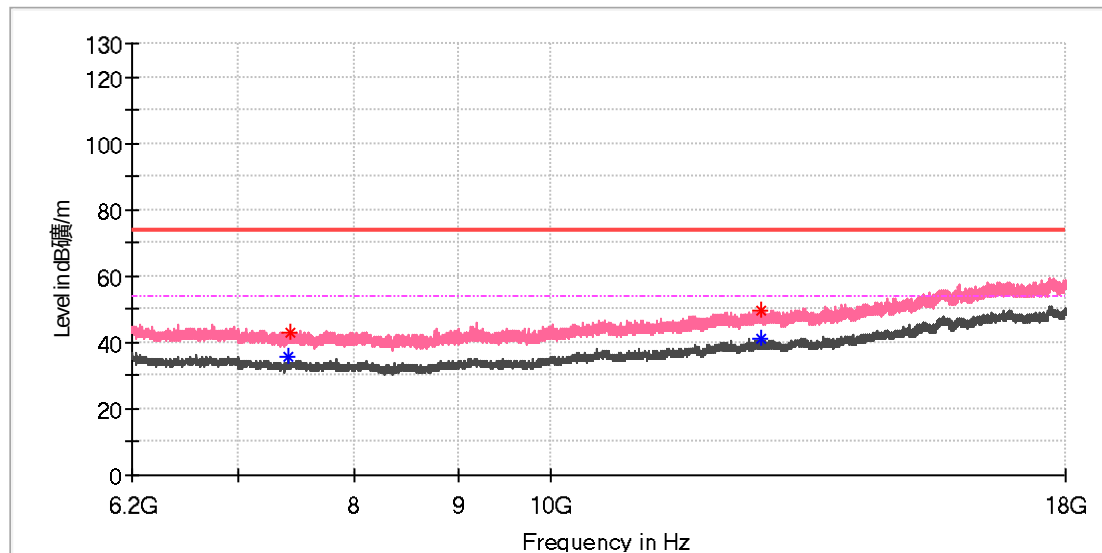
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7408.516667	---	46.42	54.00	7.58	150.0	H	315.0	8.3
7408.516667	52.51	---	74.00	21.49	150.0	H	315.0	8.3
12888.141667	49.63	---	74.00	24.37	150.0	H	69.0	15.4
12933.375000	---	41.14	54.00	12.86	150.0	H	302.0	15.6

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:	VC129
Test Mode:	2.4GHz_2470 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

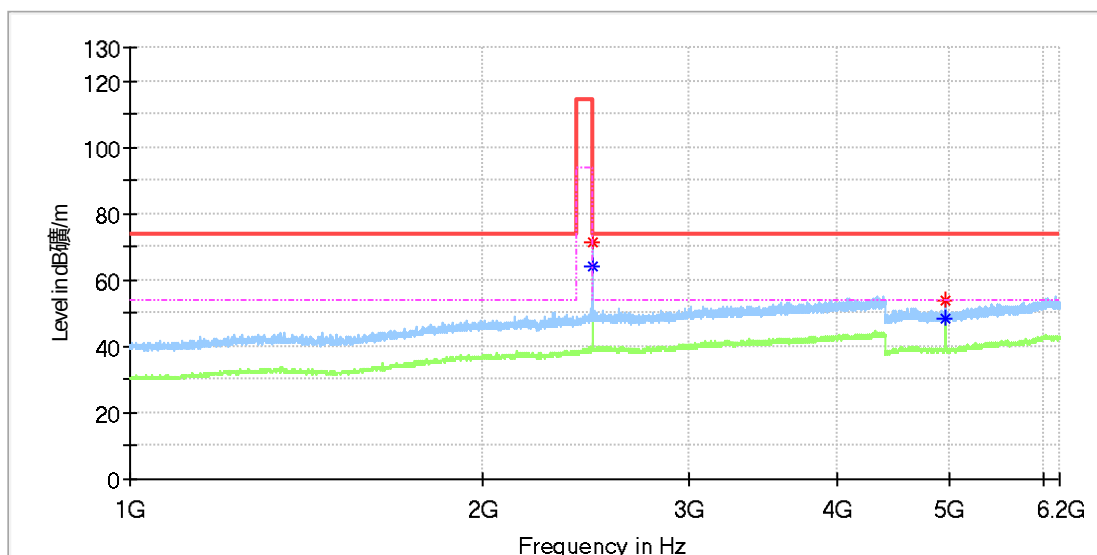
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7408.025000	---	35.90	54.00	18.10	150.0	V	243.0	8.3
7425.725000	43.14	---	74.00	30.86	150.0	V	267.0	8.4
12704.750000	---	41.40	54.00	12.60	150.0	V	144.0	15.1
12726.383333	49.66	---	74.00	24.34	150.0	V	33.0	15.2

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: VC129
Test Mode: 2.4GHz_2480 MHz
Order No/Sample No: 168487155/A003727632-002
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

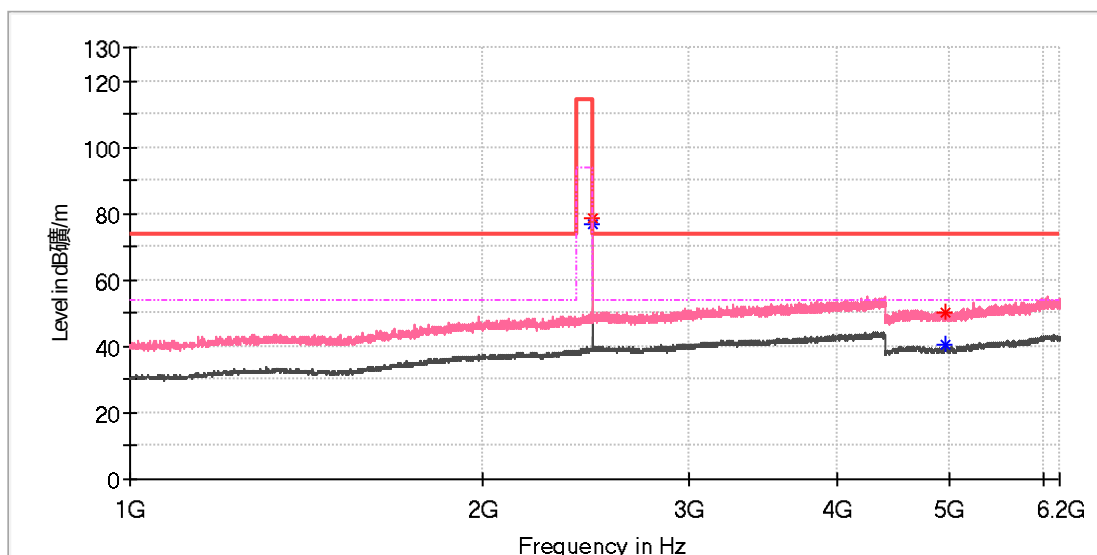
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2478.500000	71.57	---	114.00	42.43	150.0	H	23.0	7.4
2478.500000	---	63.99	94.00	30.01	150.0	H	23.0	7.4
4958.500000	53.97	---	74.00	20.03	150.0	H	169.0	11.8
4959.000000	---	48.62	54.00	5.38	150.0	H	4.0	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: VC129
Test Mode: 2.4GHz_2480 MHz
Order No/Sample No: 168487155/A003727632-002
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

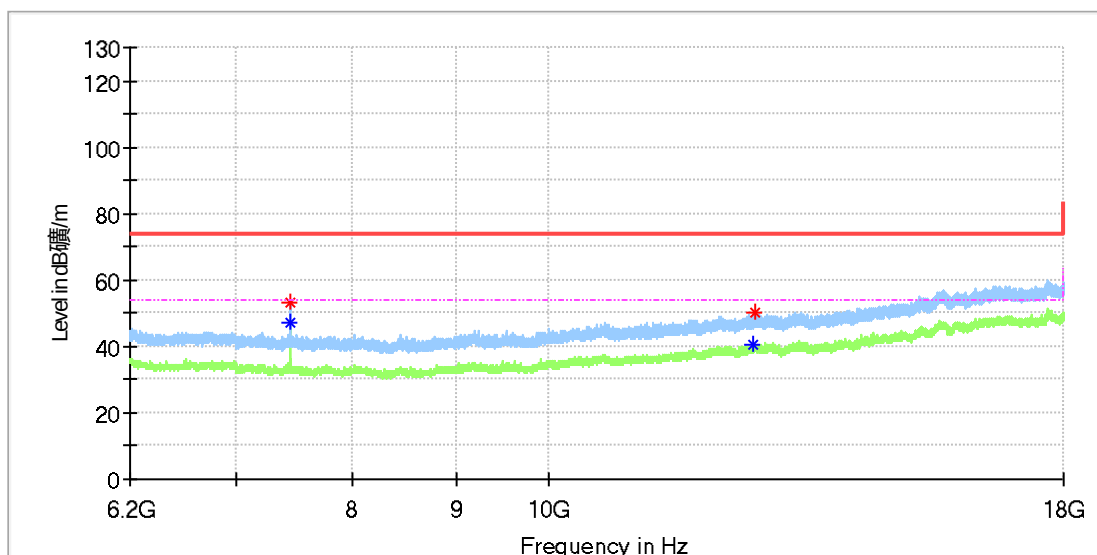
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.500000	78.36	---	114.00	35.64	150.0	V	121.0	7.4
2479.500000	---	76.79	94.00	17.21	150.0	V	121.0	7.4
4951.000000	50.29	---	74.00	23.71	150.0	V	180.0	11.8
4957.000000	---	40.39	54.00	13.61	150.0	V	206.0	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:	VC129
Test Mode:	2.4GHz_2480 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

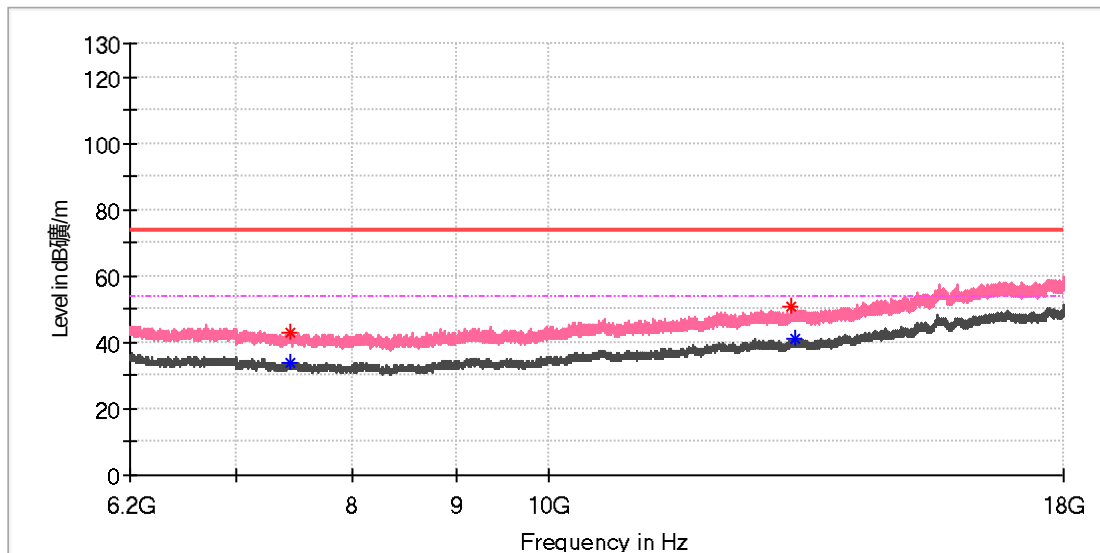
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.000000	53.33	---	74.00	20.67	150.0	H	340.0	8.4
7439.000000	---	46.94	54.00	7.06	150.0	H	340.0	8.4
12627.558333	---	40.56	54.00	13.44	150.0	H	205.0	14.9
12652.141667	50.09	---	74.00	23.91	150.0	H	253.0	15.0

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:	VC129
Test Mode:	2.4GHz_2480 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

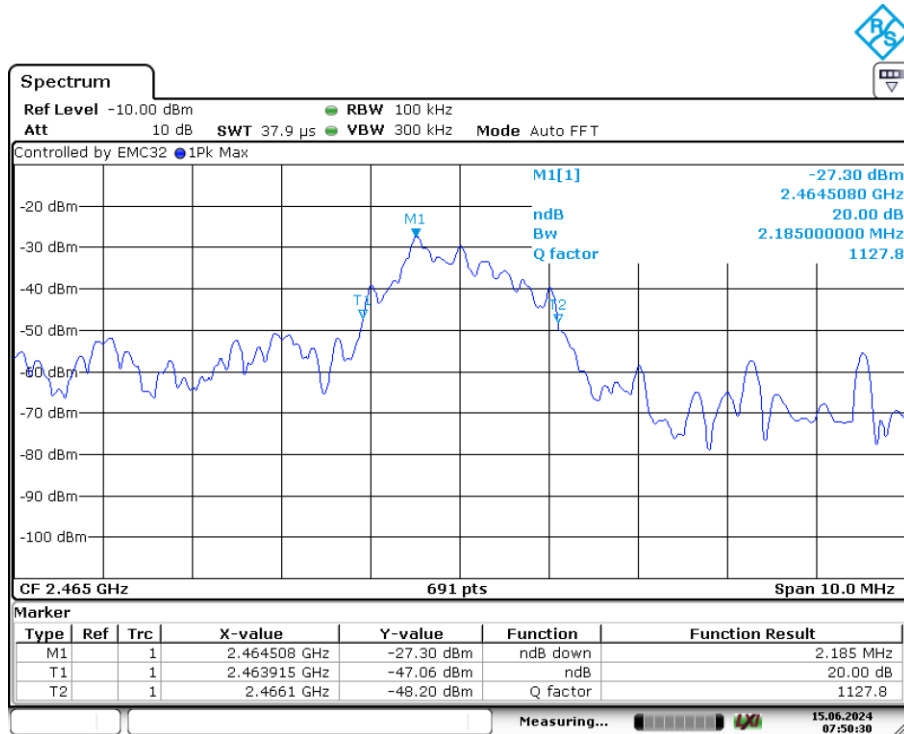
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7445.883333	---	34.03	54.00	19.97	150.0	V	287.0	8.5
7452.275000	42.84	---	74.00	31.16	150.0	V	0.0	8.5
13181.175000	50.92	---	74.00	23.08	150.0	V	216.0	15.4
13242.141667	---	41.15	54.00	12.85	150.0	V	348.0	15.5

Final Result

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

2465 MHz



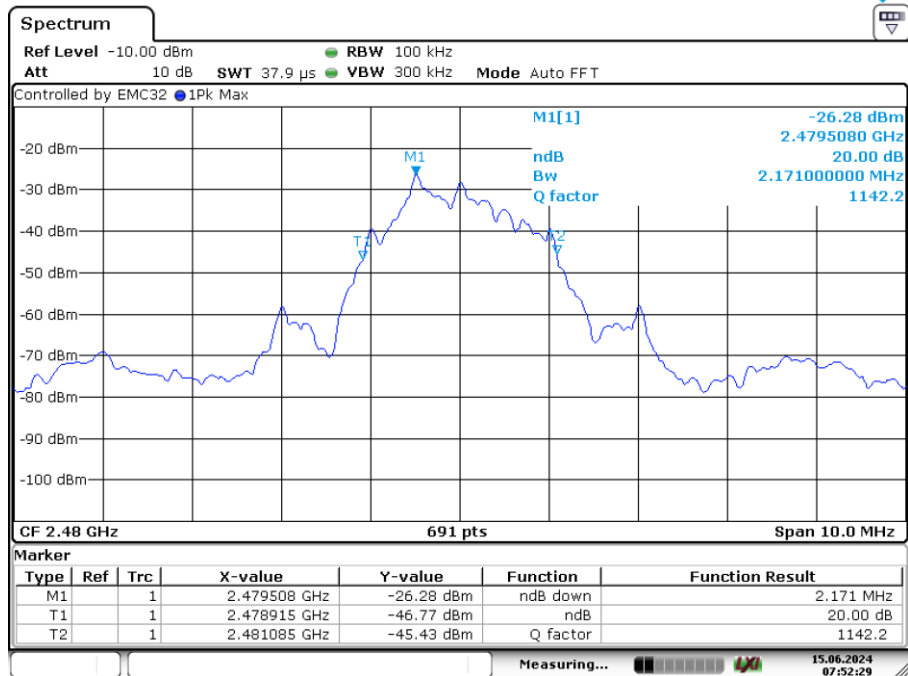
Date: 15.JUN.2024 07:50:30

2470 MHz



Date: 15.JUN.2024 07:51:38

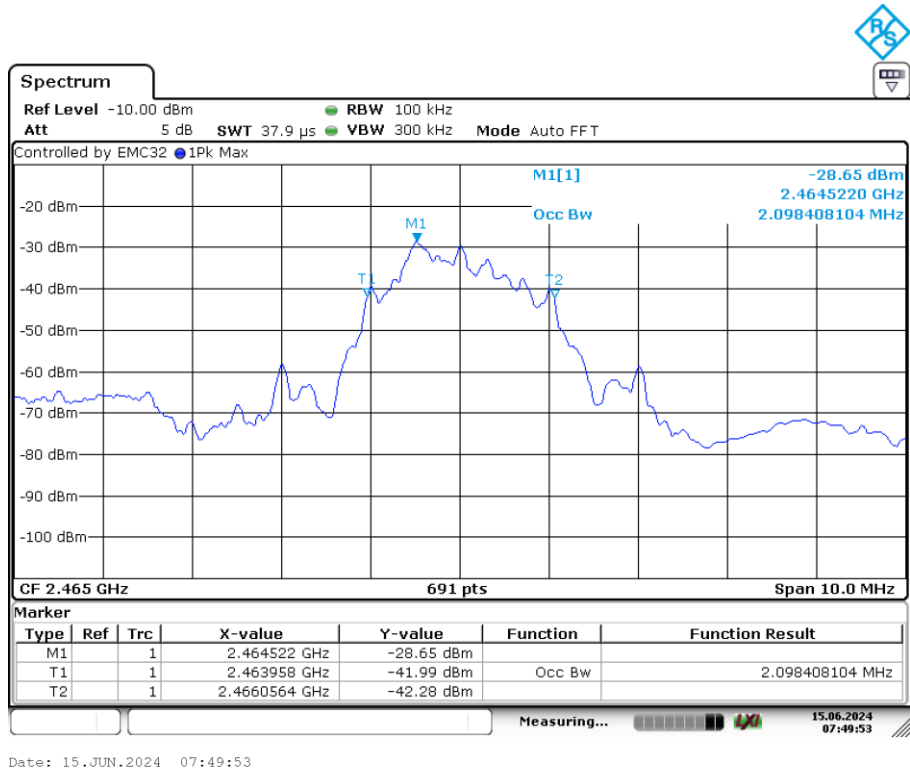
2480 MHz



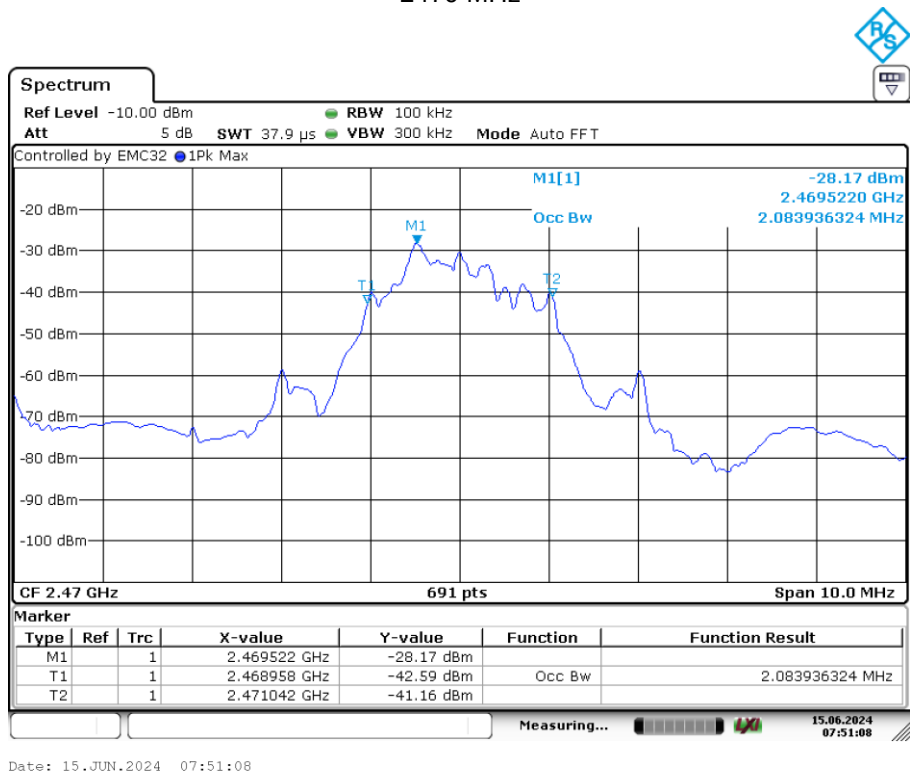
Date: 15.JUN.2024 07:52:29

Appendix A.3: Test Results of 99% Bandwidth

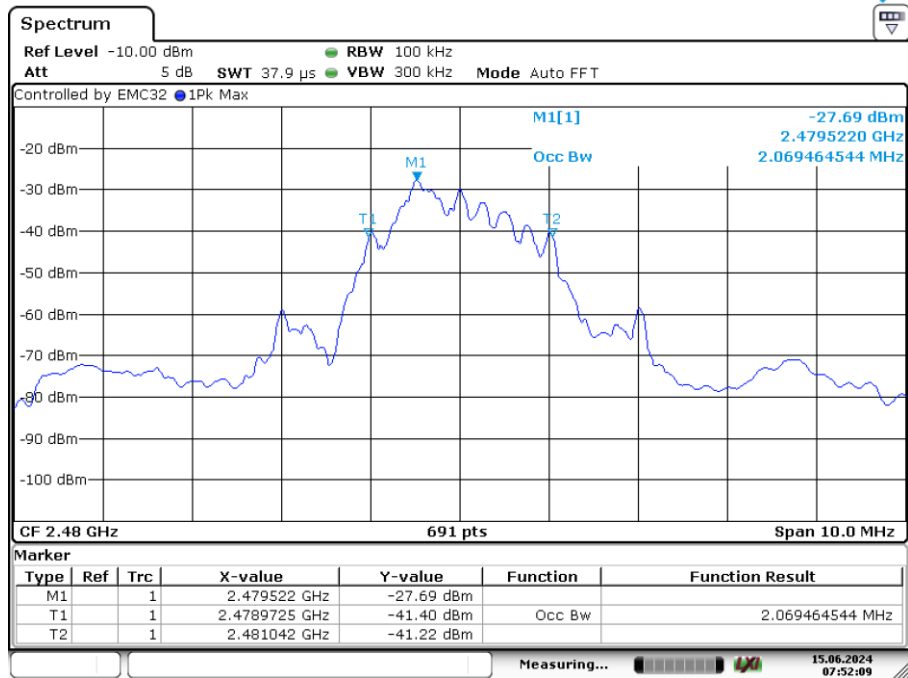
2465 MHz



2470 MHz



2480 MHz

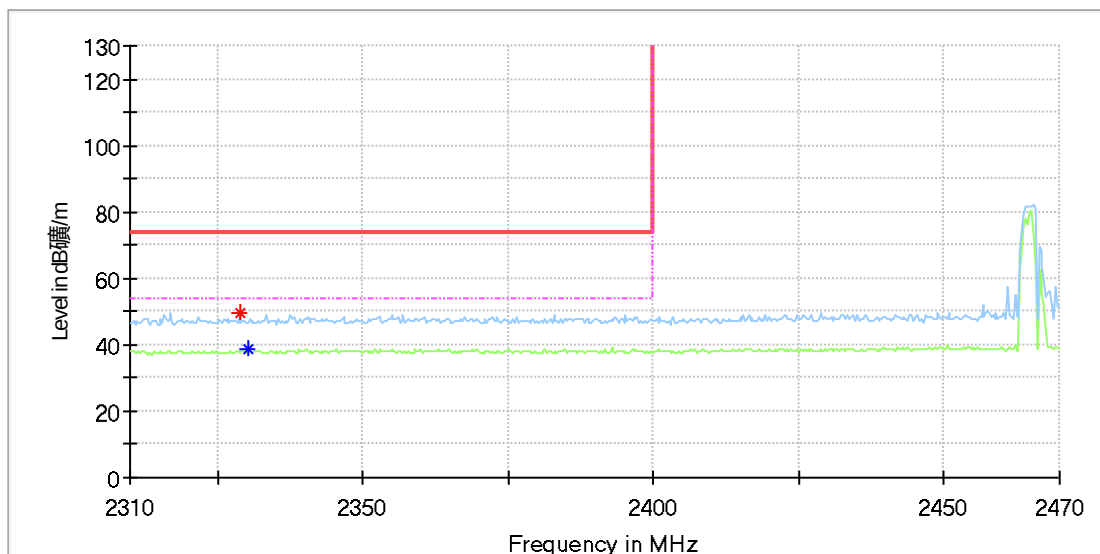


Date: 15.JUN.2024 07:52:09

Appendix A.4: Test Results of Band Edge

EUT Information

EUT Name:	Remote Control
Model:	VC129
Test Mode:	2.4GHz_2465 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

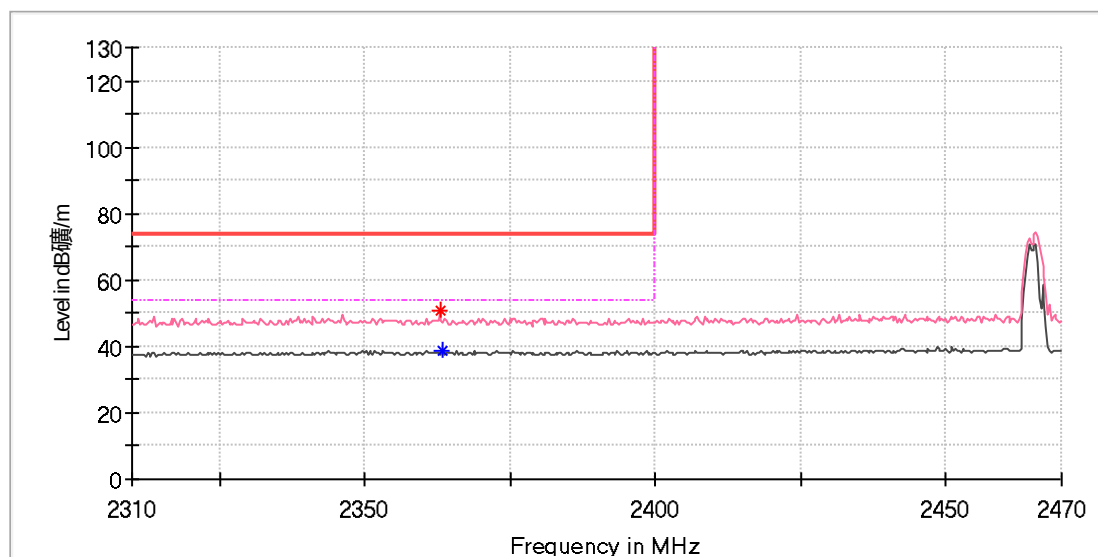
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2328.823529	49.83	---	74.00	24.17	150.0	H	156.0	6.7
2330.294118	---	38.44	54.00	15.56	150.0	H	111.0	6.7

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:	VC129
Test Mode:	2.4GHz_2465 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp:22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

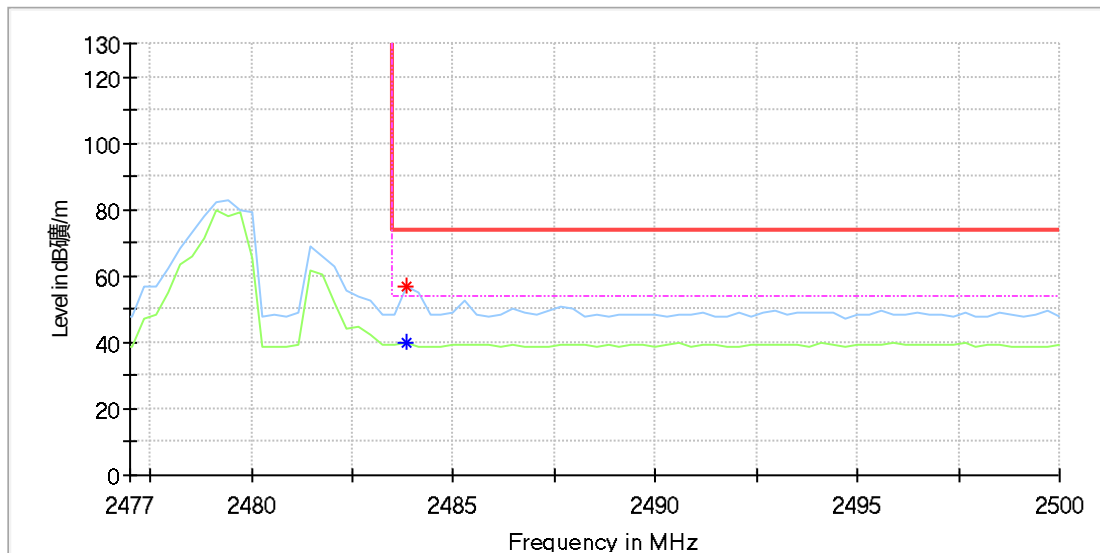
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2362.941177	50.89	---	74.00	23.11	150.0	V	208.0	6.9
2363.529412	---	38.69	54.00	15.31	150.0	V	191.0	6.9

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:	VC129
Test Mode:	2.4GHz_2480 MHz
Order No/Sample No:	168487155/A003727632-002
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

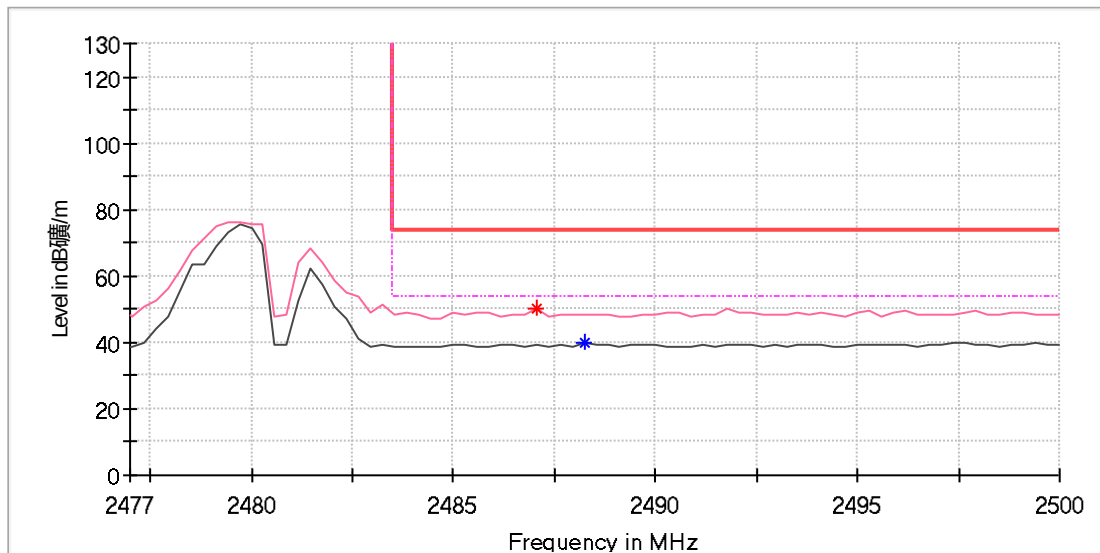
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	39.73	54.00	14.27	150.0	H	154.0	7.4
2483.823529	57.03	---	74.00	16.97	150.0	H	154.0	7.4

Final Result

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

EUT Name:	Remote Control
Model:	VC129
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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)
2487.058824	50.08	---	74.00	23.92	150.0	V	292.0	7.4
2488.235294	---	39.89	54.00	14.11	150.0	V	331.0	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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