

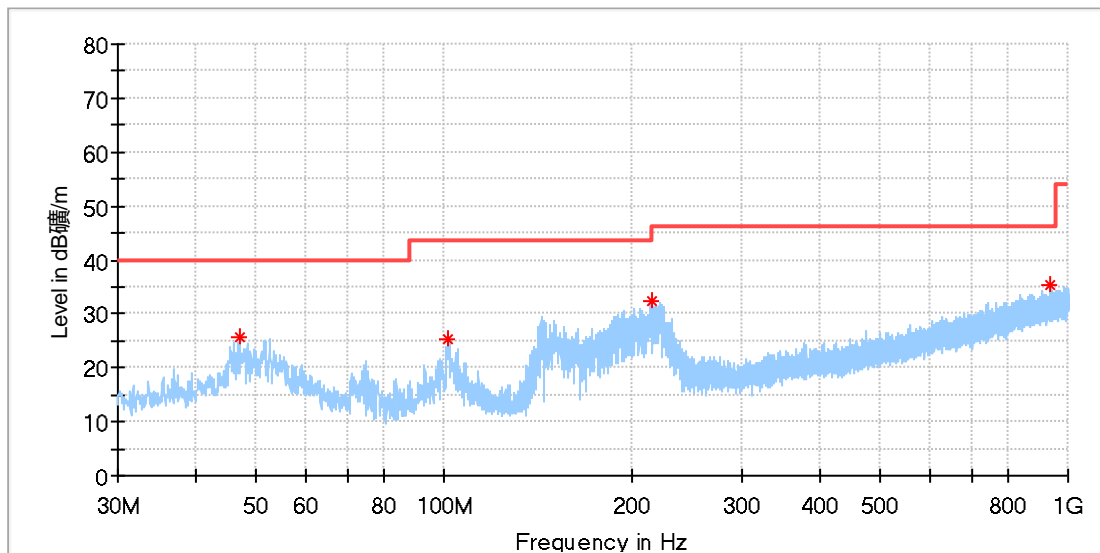
## Appendix B.7: Test Results of Radiated Spurious Emissions

Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz 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:	ZBox 1
Model:	ZXV10 B866V2K
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168372225/A003258254-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

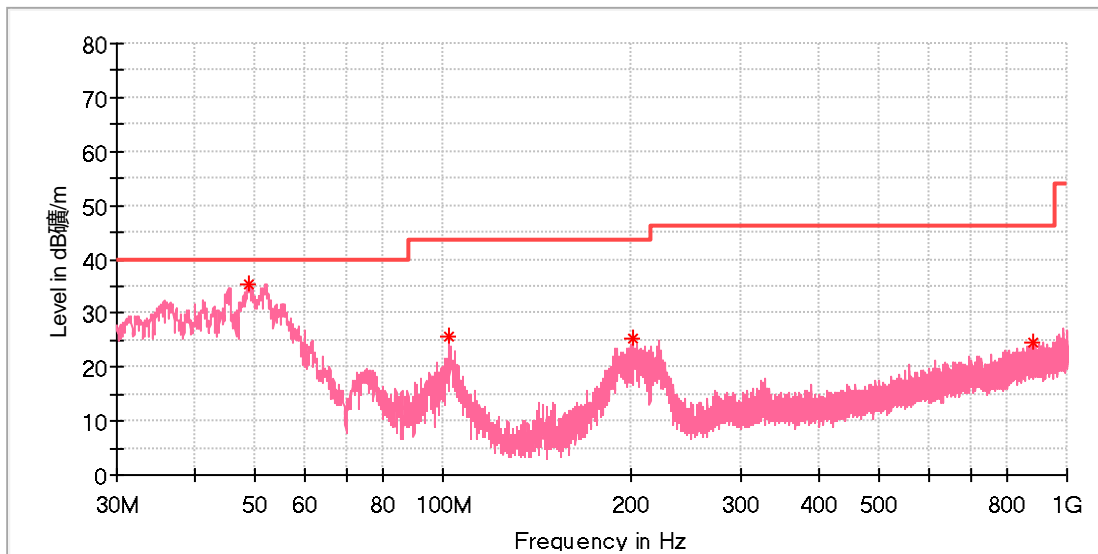
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.072000	25.52	40.00	14.48	100.0	H	217.0	-18.5
101.780000	25.25	43.50	18.25	100.0	H	237.0	-18.9
216.046000	32.25	46.00	13.75	100.0	H	299.0	-18.7
938.453500	35.37	46.00	10.63	100.0	H	0.0	-4.6

### 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:	ZBox 1
Model:	ZXV10 B866V2K
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168372225/A003258254-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
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)
48.989615	35.47	40.00	4.53	100.0	V	154.0	-18.6
102.376923	25.55	43.50	17.95	100.0	V	317.0	-19.2
201.839231	25.29	43.50	18.21	100.0	V	317.0	-19.3
882.592692	24.71	46.00	21.29	100.0	V	359.0	-5.6

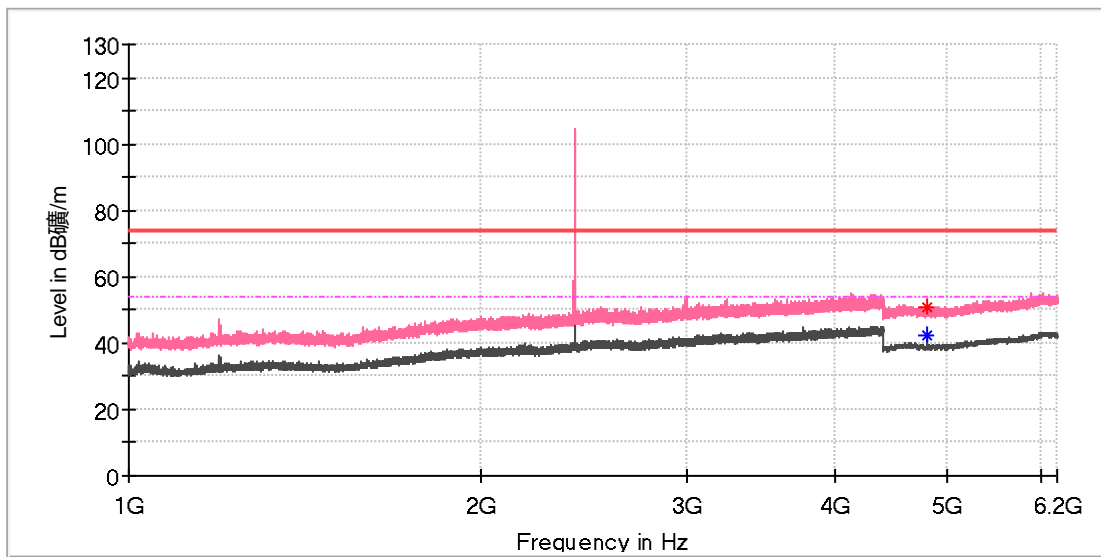
### Final\_Result

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



### EUT Information

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_Low channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

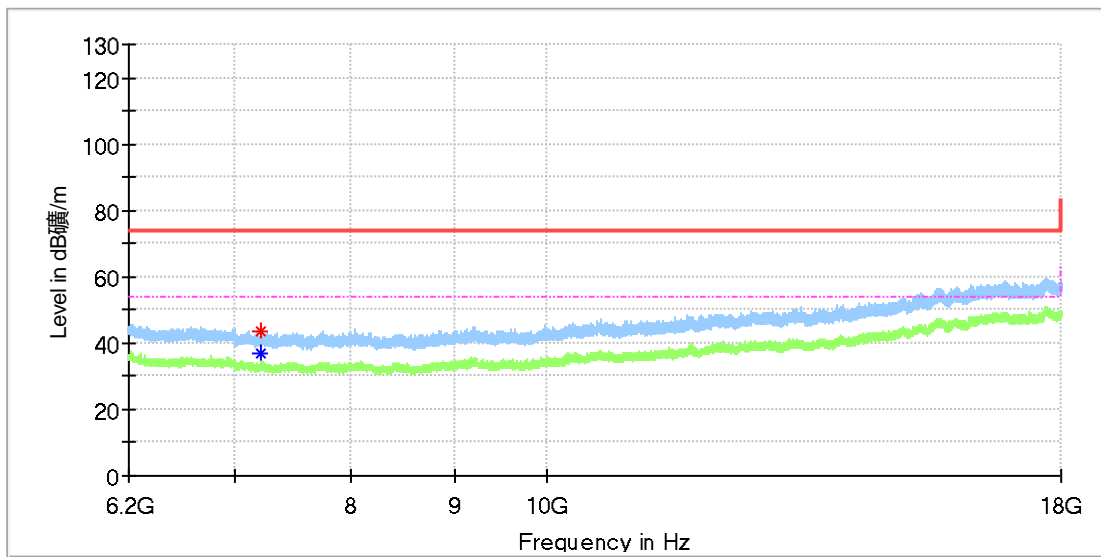
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.000000	50.52	---	74.00	23.48	100.0	V	14.0	11.8
4804.000000	---	42.53	54.00	11.47	100.0	V	8.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_Low channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

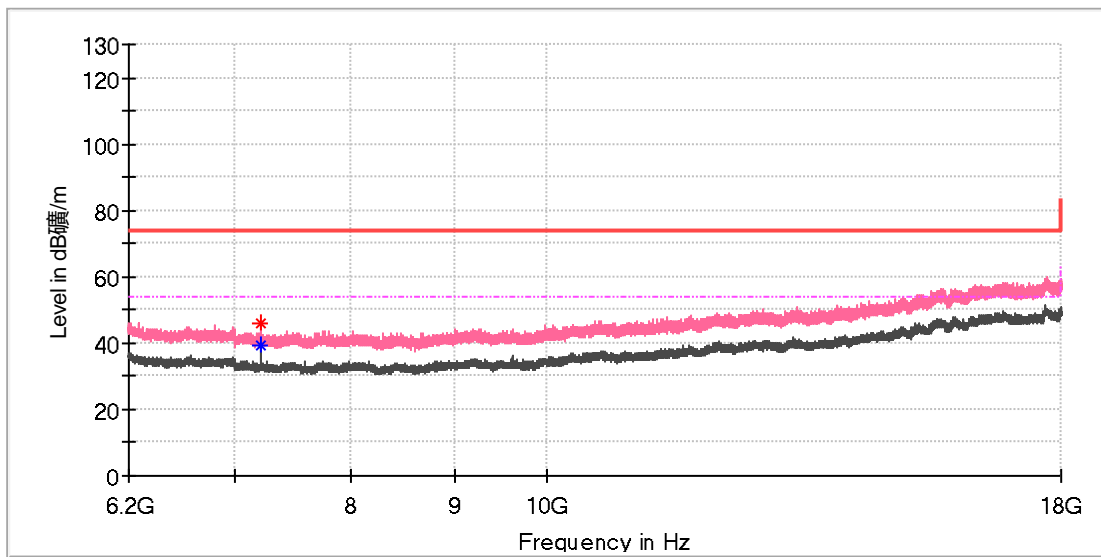
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.950000	---	36.92	54.00	17.08	100.0	H	219.0	8.8
7206.441667	43.66	---	74.00	30.34	100.0	H	244.0	8.8

### Final\_Result

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

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_Low channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
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### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.950000	45.95	---	74.00	28.05	100.0	V	282.0	8.8
7205.950000	---	39.22	54.00	14.78	100.0	V	282.0	8.8

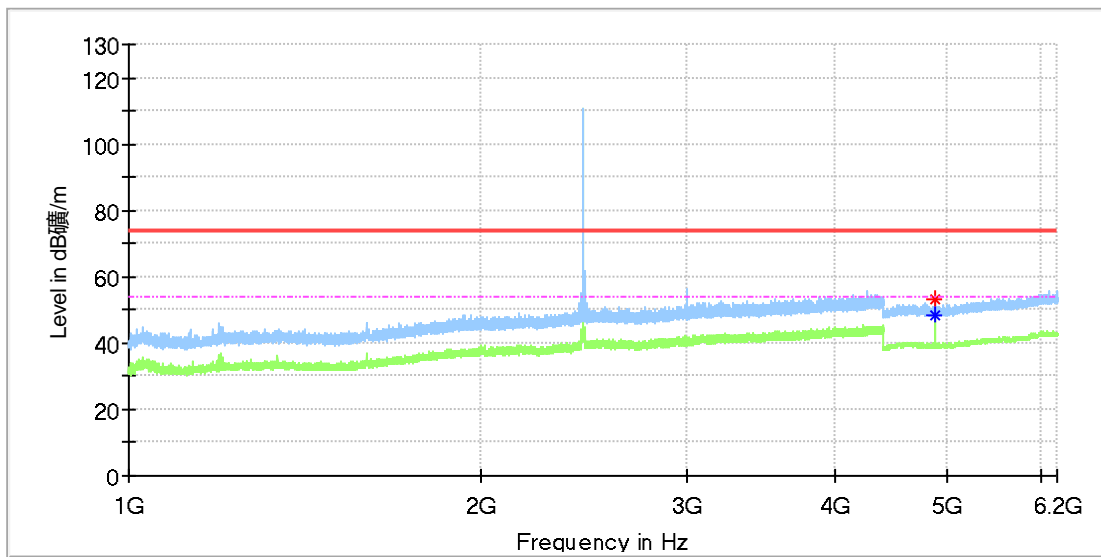
### Final\_Result

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

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_Mid channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

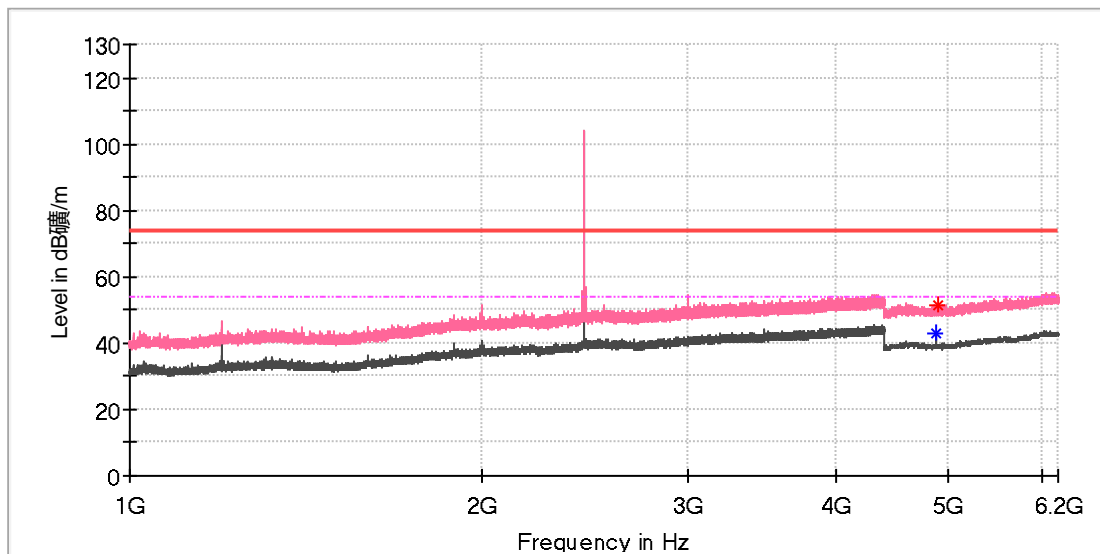
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4882.000000	---	48.12	54.00	5.88	100.0	H	197.0	11.8
4882.000000	53.31	---	74.00	20.69	100.0	H	197.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_Mid channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

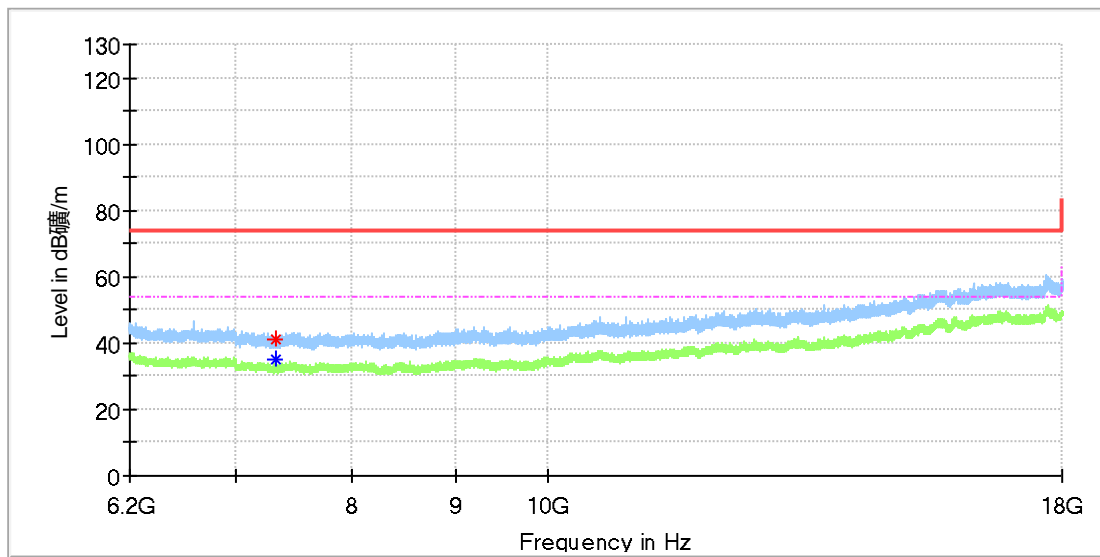
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4882.000000	---	42.75	54.00	11.25	100.0	V	2.0	11.8
4901.500000	51.33	---	74.00	22.67	100.0	V	224.0	11.8

### Final\_Result

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

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_Mid channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

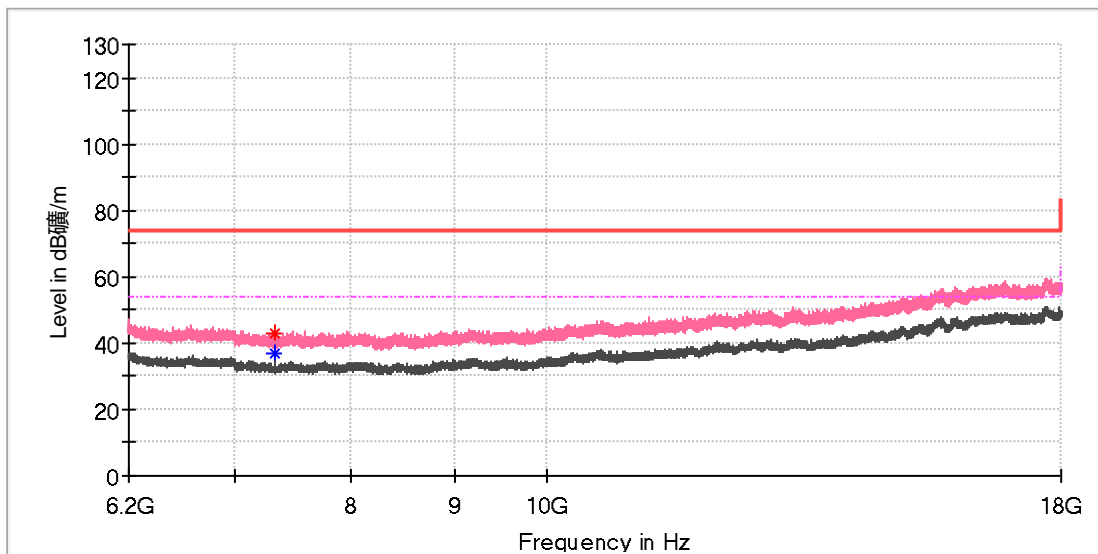
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7321.983333	41.21	---	74.00	32.79	100.0	H	134.0	8.2
7322.966667	---	35.03	54.00	18.97	100.0	H	246.0	8.2

### Final\_Result

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

### EUT Information

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_Mid channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

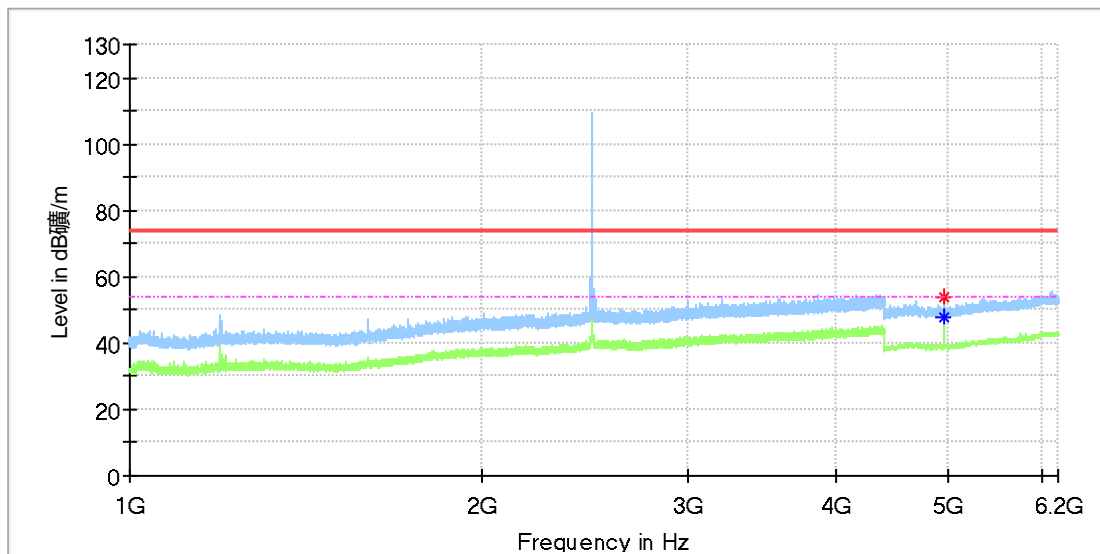
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7321.983333	42.89	---	74.00	31.11	100.0	V	282.0	8.2
7322.966667	---	37.06	54.00	16.94	100.0	V	282.0	8.2

### Final\_Result

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

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_High channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

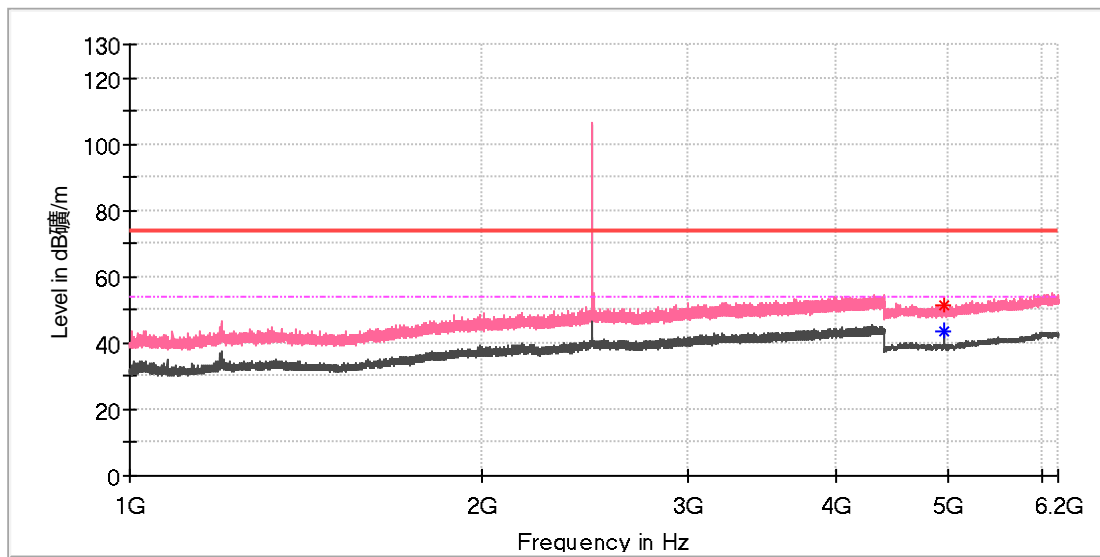
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4960.000000	54.04	---	74.00	19.96	100.0	H	217.0	11.8
4960.000000	---	48.03	54.00	5.97	100.0	H	217.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_High channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

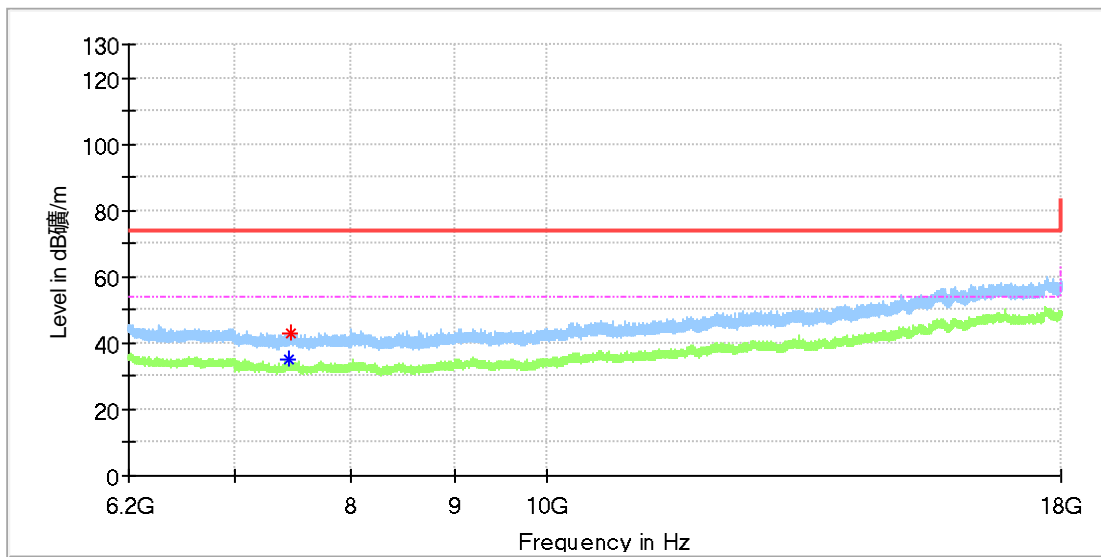
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4960.000000	51.47	---	74.00	22.53	100.0	V	5.0	11.8
4960.000000	---	43.60	54.00	10.40	100.0	V	5.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_High channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

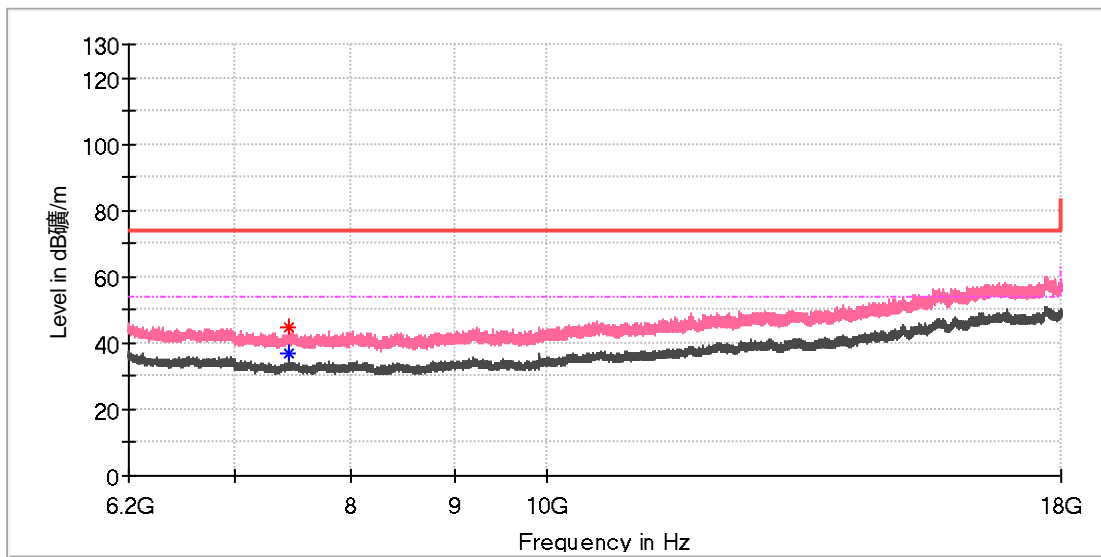
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	---	35.15	54.00	18.85	100.0	H	347.0	8.4
7468.991667	42.87	---	74.00	31.13	100.0	H	18.0	8.6

### Final\_Result

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

### EUT Information

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_High channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	44.86	---	74.00	29.14	100.0	V	285.0	8.4
7439.983333	---	36.94	54.00	17.06	100.0	V	285.0	8.4

### Final\_Result

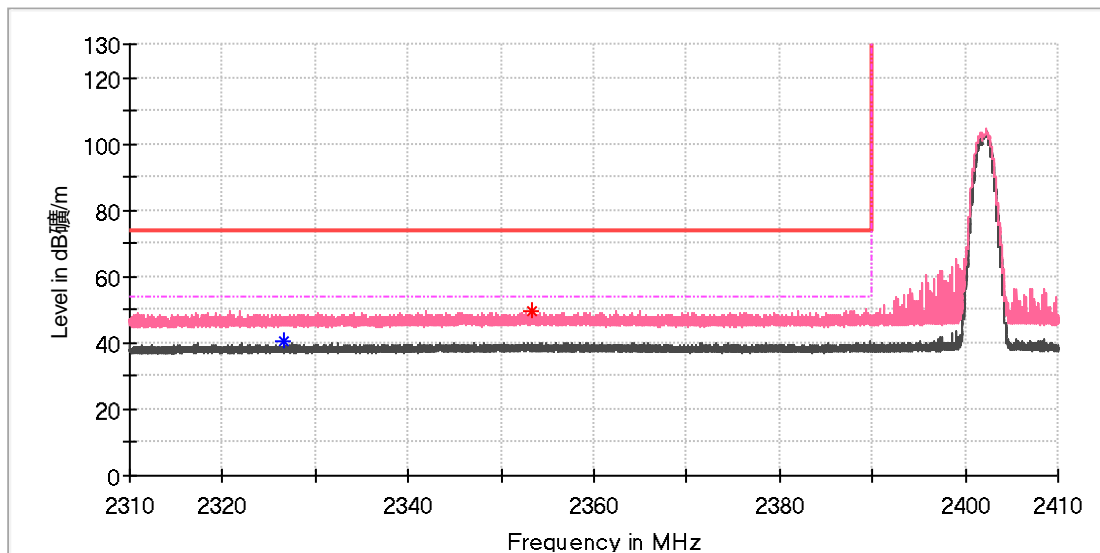
Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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## Appendix B.8: Test Results of Radiated Emissions in Restricted Bands

### EUT Information

EUT Name:	ZBox 1
Model:	ZXV10 B866V2K
Test Mode:	BR_DH5_Low channel
Order No./Sample No.:	168372225/A003258254-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

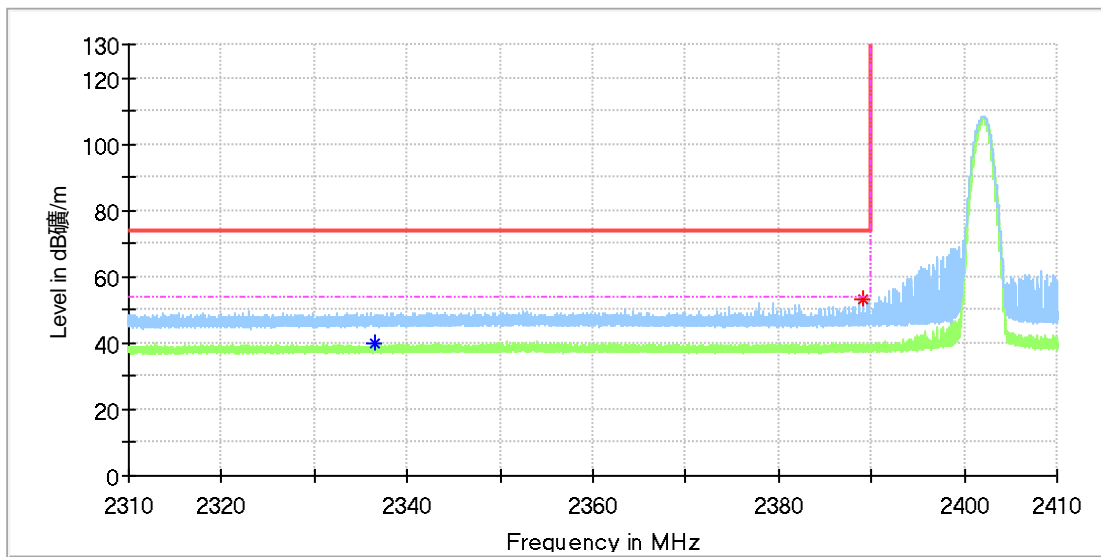
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2326.585000	---	40.58	54.00	13.42	100.0	V	230.0	6.7
2353.355000	49.42	---	74.00	24.58	100.0	V	102.0	6.9

### Final Result

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

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_Low channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

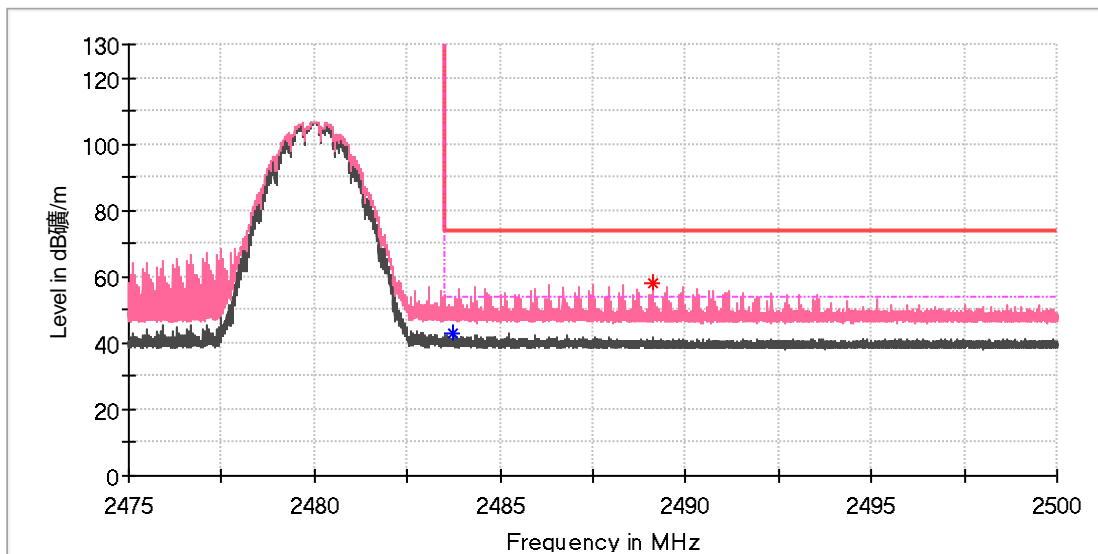
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2336.570000	---	39.70	54.00	14.30	100.0	H	275.0	6.8
2389.145000	53.28	---	74.00	20.72	100.0	H	240.0	7.0

### Final\_Result

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

### EUT Information

EUT Name:	ZBox 1
Model:	ZXV10 B866V2K
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168372225/A003258254-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

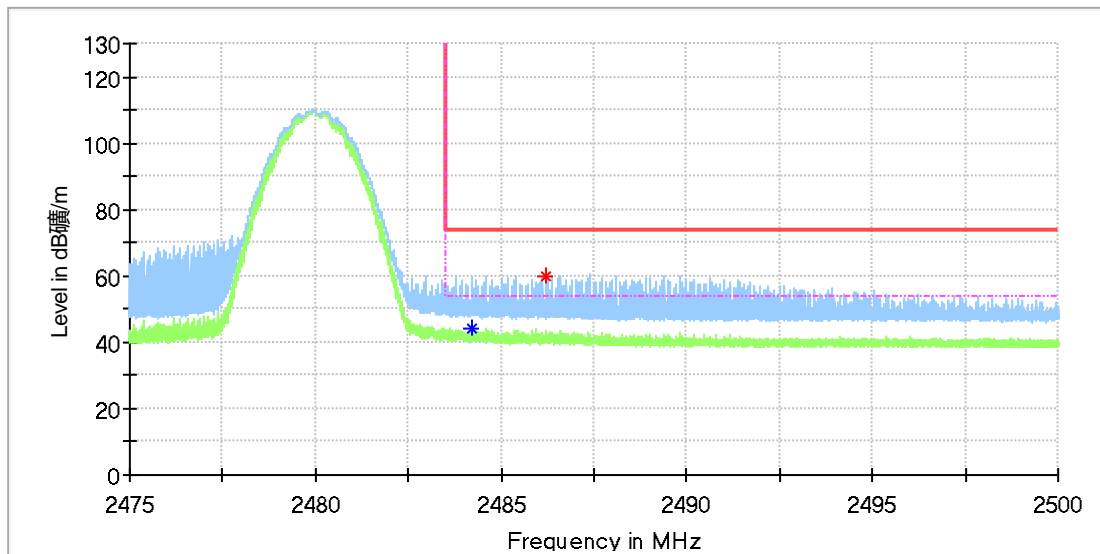
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.721250	---	42.70	54.00	11.30	100.0	V	258.0	7.4
2489.111250	57.97	---	74.00	16.03	100.0	V	258.0	7.4

### Final\_Result

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

EUT Name: ZBox 1  
 Model: ZXV10 B866V2K  
 Test Mode: BR\_DH5\_High channel  
 Order No/Sample No: 168372225/A003258254-002  
 Test Voltage:: 120V/60Hz  
 Remark: Temp 23 Humi:58%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.192500	---	43.99	54.00	10.01	100.0	H	181.0	7.4
2486.206250	60.11	---	74.00	13.89	100.0	H	181.0	7.4

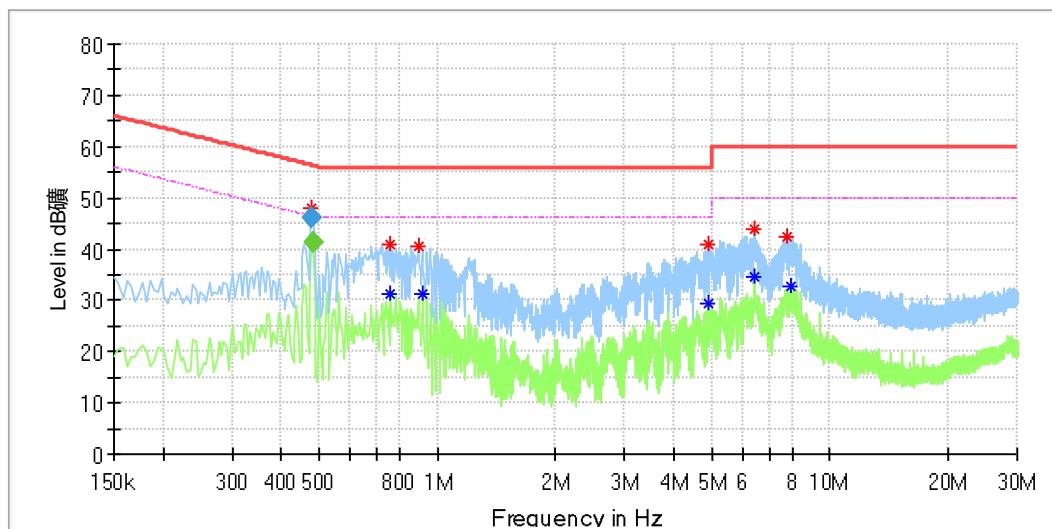
### Final\_Result

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

EUT Name: ZBox 1  
 Order No: 168372225  
 Model: ZXV10 B866V2K  
 Test mode: BT operation+HDMI(4K)  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15  
 Test By:/Review By: Shower Dai/Gary Chen  
 Tem./Hum./Pressure: 24.2°C/51%/101kPa  
 Remark: Adapter model:KL-WA120100-E



## Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.477500	47.99	---	56.37	8.38	N	9.8
0.481500	---	41.59	46.37	4.78	N	9.8
0.762000	---	31.08	46.00	14.92	N	9.8
0.762000	40.99	---	56.00	15.01	N	9.8
0.894000	40.41	---	56.00	15.59	N	9.8
0.918000	---	31.20	46.00	14.80	N	9.8
4.878000	---	29.55	46.00	16.45	N	9.9
4.922000	40.94	---	56.00	15.06	N	9.9
6.418000	43.75	---	60.00	16.25	N	9.9
6.418000	---	34.47	50.00	15.53	N	9.9
7.758000	42.43	---	60.00	17.57	N	10.0
7.954000	---	32.61	50.00	17.39	N	10.0

## Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.477500	45.99	---	56.38	10.39	3000.0	9.000	N	9.8
0.481500	---	41.19	46.31	5.12	3000.0	9.000	N	9.8