

## Appendix A: Test Results

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## Appendix A.1: Test Results of Radiated Spurious Emissions, Bluetooth BR & EDR

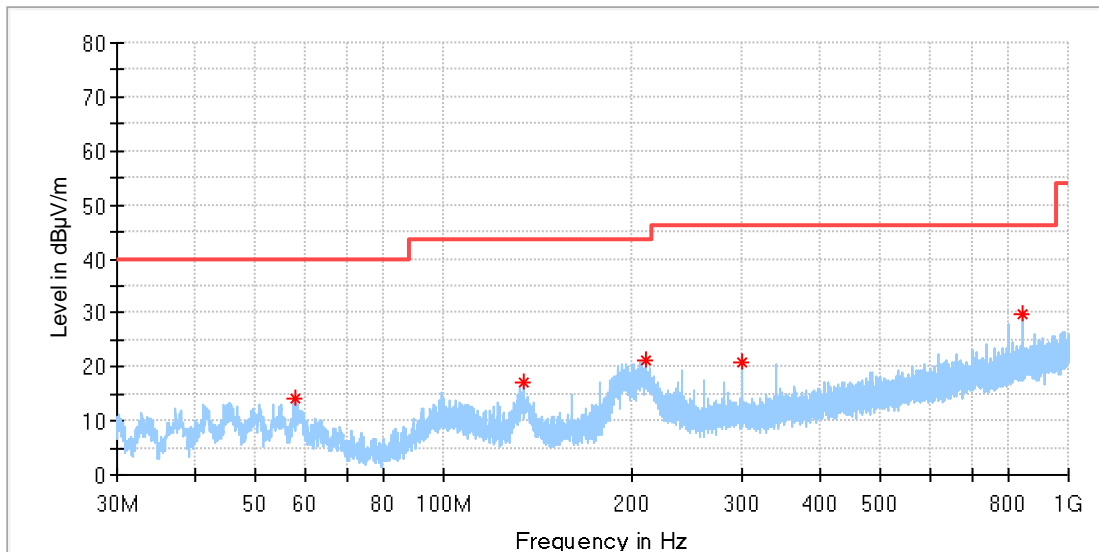
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) 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.

30 MHz - 1GHz

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

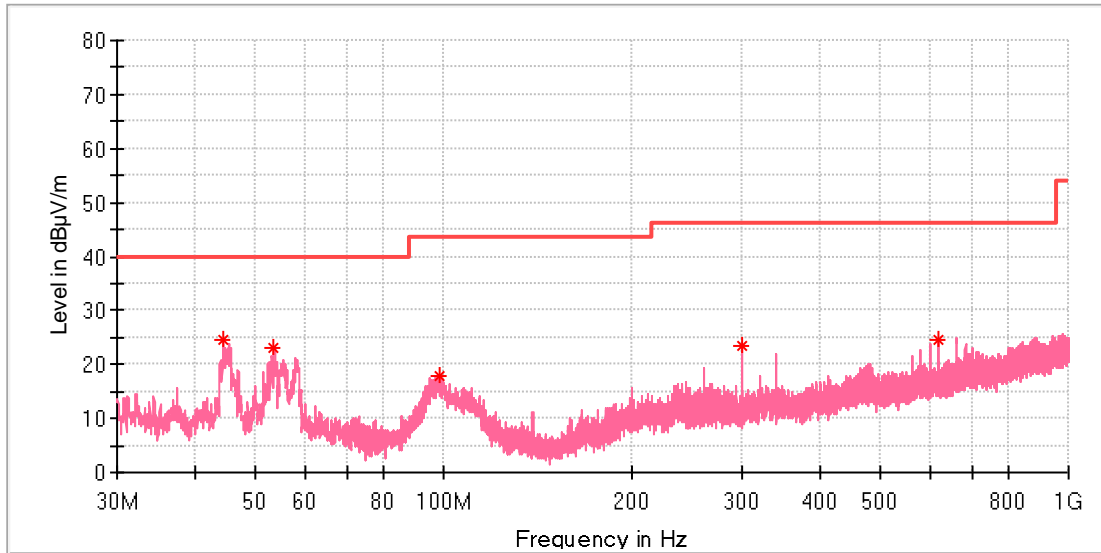
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
57.980769	14.23	40.00	25.77	100.0	H	7.0	-19.1
134.610769	17.11	43.50	26.39	100.0	H	347.0	-22.4
211.278077	21.30	43.50	22.20	100.0	H	347.0	-19.1
300.368846	20.85	46.00	25.15	100.0	H	213.0	-16.6
841.031923	29.95	46.00	16.05	100.0	H	129.0	-6.0

### Final Result

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

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.326154	24.67	40.00	15.33	100.0	V	295.0	-19.3
53.541154	22.91	40.00	17.09	100.0	V	0.0	-18.7
98.161154	17.90	43.50	25.60	100.0	V	211.0	-19.6
300.443462	23.27	46.00	22.73	100.0	V	211.0	-16.6
620.953846	24.74	46.00	21.26	100.0	V	330.0	-9.8

### Final Result

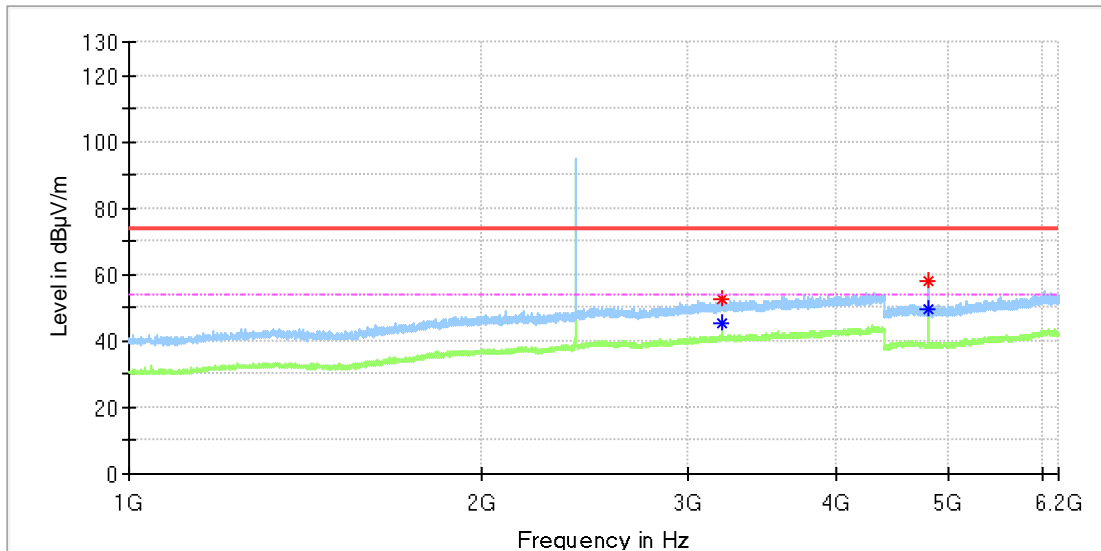
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

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### Critical Freqs

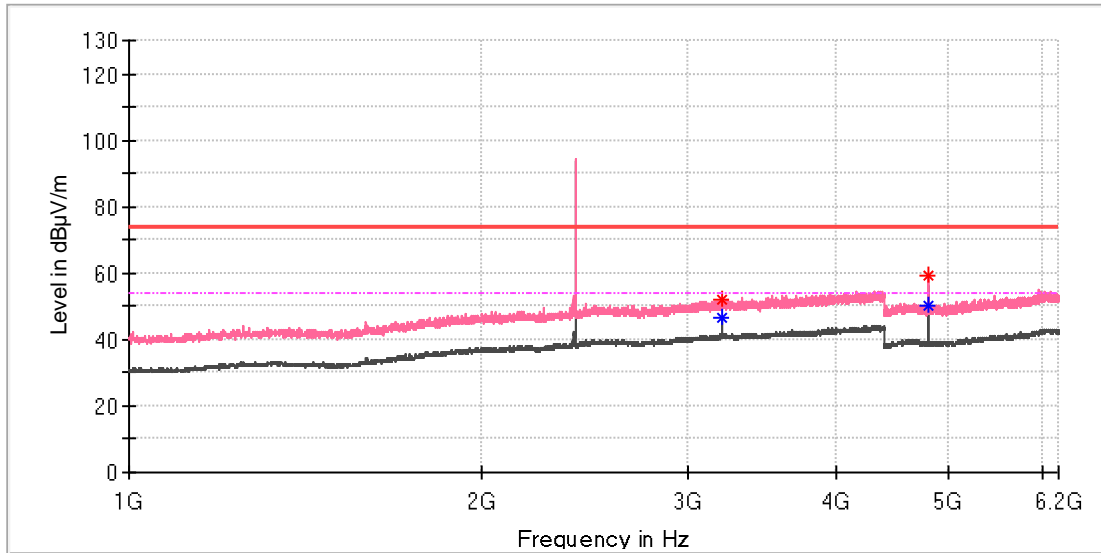
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3203.000000	52.68	---	74.00	21.32	150.0	H	226.0	8.6
3203.000000	---	45.40	54.00	8.60	150.0	H	226.0	8.6
4803.000000	---	49.49	54.00	4.51	150.0	H	259.0	11.8
4803.500000	58.33	---	74.00	15.67	150.0	H	259.0	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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 Model: Andes 1500  
 Test Mode: BR\_DH5\_Low channel  
 Order No/Sample No: 168474698/A003723392-006  
 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

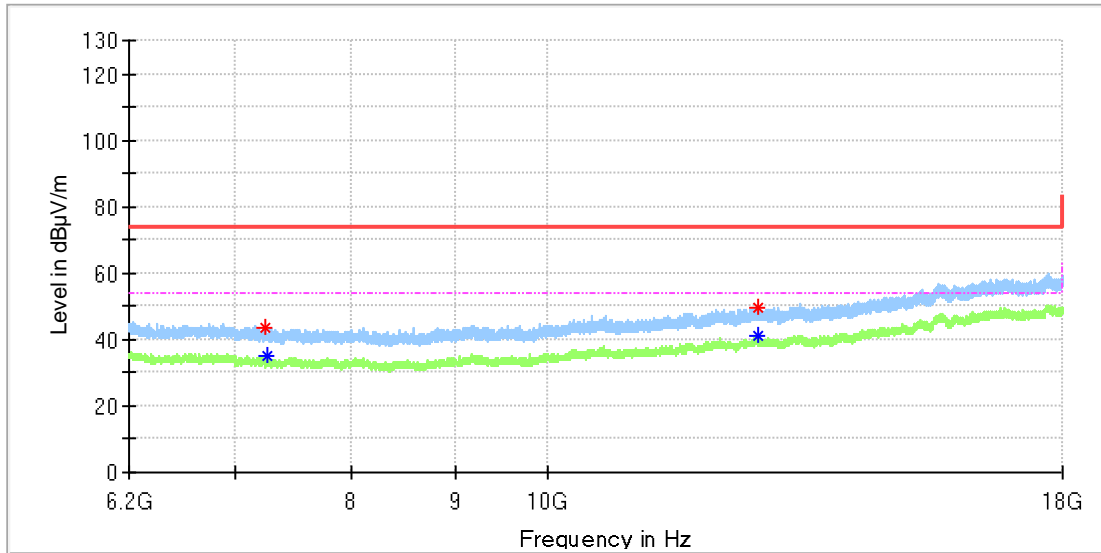
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3202.500000	---	46.59	54.00	7.41	150.0	V	359.0	8.6
3203.000000	52.12	---	74.00	21.88	150.0	V	304.0	8.6
4803.000000	---	50.47	54.00	3.53	150.0	V	87.0	11.8
4803.500000	59.34	---	74.00	14.66	150.0	V	87.0	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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### Critical Freqs

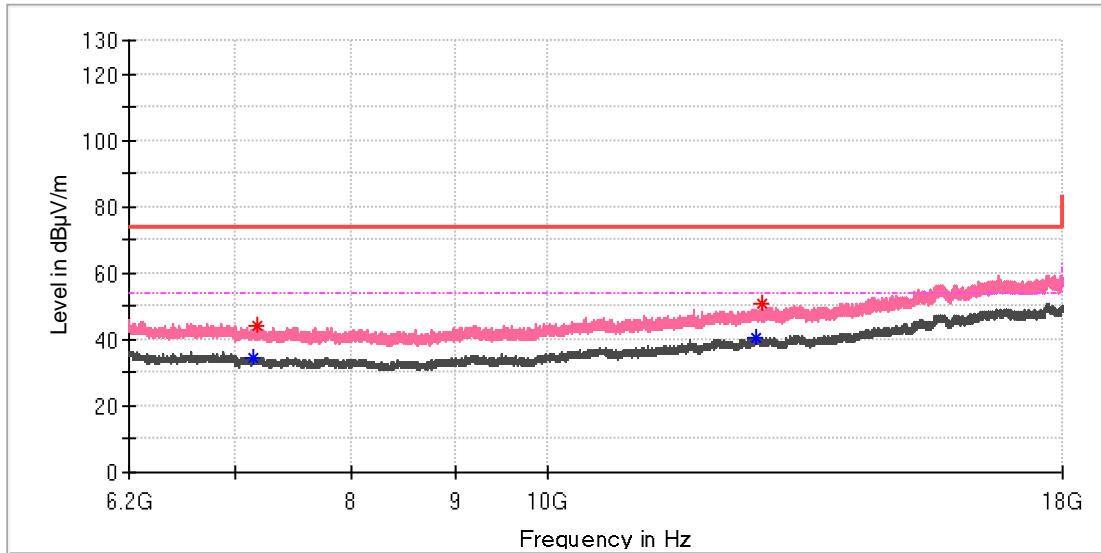
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7243.808333	43.44	---	74.00	30.56	150.0	H	14.0	8.6
7252.166667	---	34.79	54.00	19.21	150.0	H	14.0	8.5
12709.175000	49.71	---	74.00	24.29	150.0	H	14.0	15.1
12715.075000	---	41.15	54.00	12.85	150.0	H	50.0	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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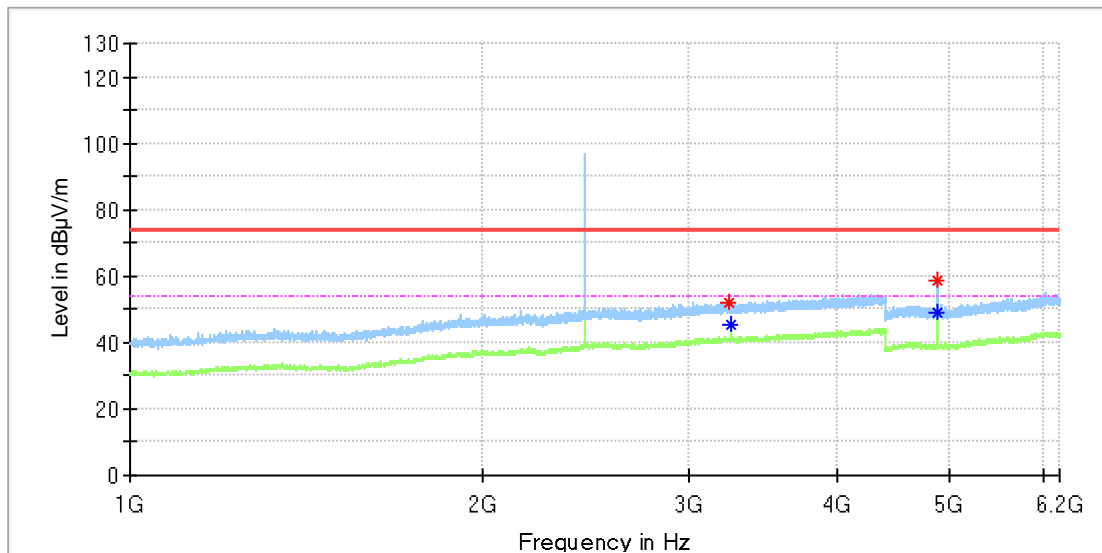
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7147.933333	---	34.73	54.00	19.27	150.0	V	263.0	8.6
7174.483333	44.37	---	74.00	29.63	150.0	V	157.0	8.7
12688.033333	---	40.64	54.00	13.36	150.0	V	324.0	15.1
12776.533333	50.58	---	74.00	23.42	150.0	V	144.0	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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Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
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)
3244.000000	52.14	---	74.00	21.86	150.0	H	354.0	8.5
3254.500000	---	45.21	54.00	8.79	150.0	H	314.0	8.5
4881.000000	---	48.68	54.00	5.32	150.0	H	204.0	11.8
4881.500000	58.59	---	74.00	15.41	150.0	H	328.0	11.8

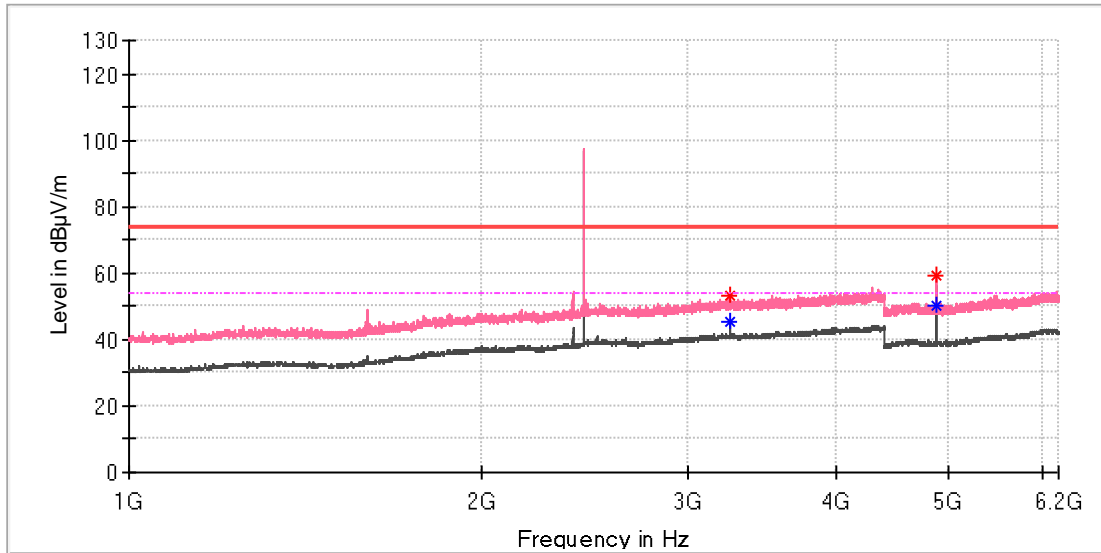
### Final\_Result

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



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 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
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### Critical\_Freqs

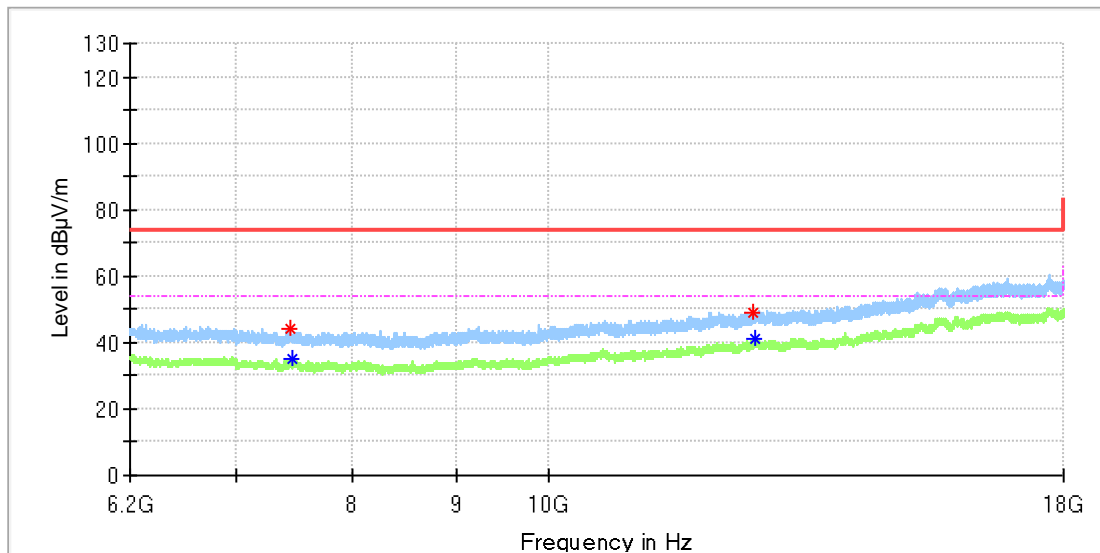
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3254.500000	52.92	---	74.00	21.08	150.0	V	358.0	8.5
3254.500000	---	45.31	54.00	8.69	150.0	V	358.0	8.5
4881.000000	---	50.08	54.00	3.92	150.0	V	95.0	11.8
4881.500000	59.01	---	74.00	14.99	150.0	V	301.0	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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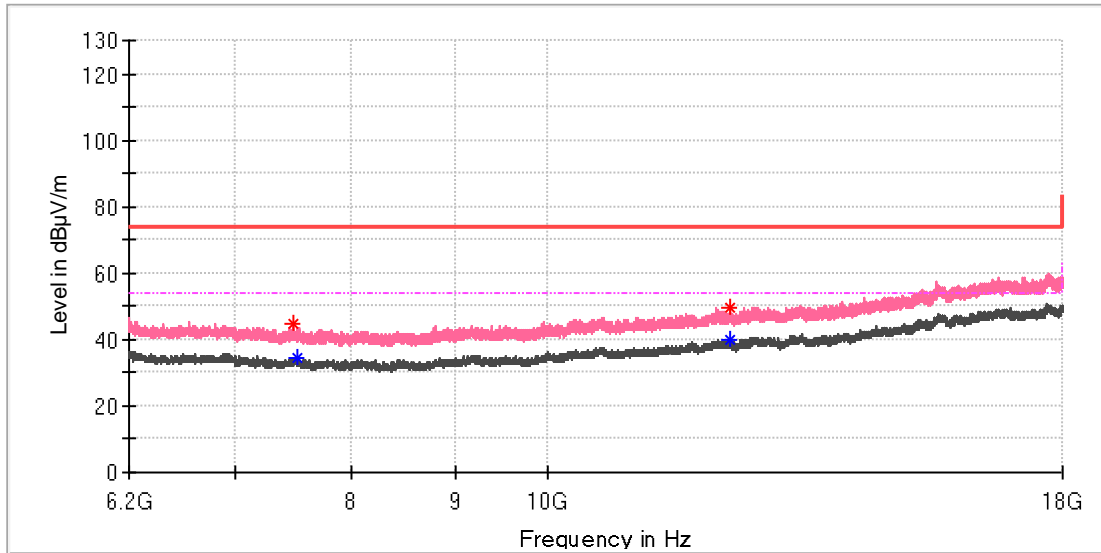
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7451.291667	44.15	---	74.00	29.85	150.0	H	126.0	8.5
7456.700000	---	34.95	54.00	19.05	150.0	H	0.0	8.5
12631.983333	49.18	---	74.00	24.82	150.0	H	0.0	15.0
12653.125000	---	40.95	54.00	13.05	150.0	H	0.0	15.0

### Final Result

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

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Tested By:	Kei Zhang
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### Critical\_Freqs

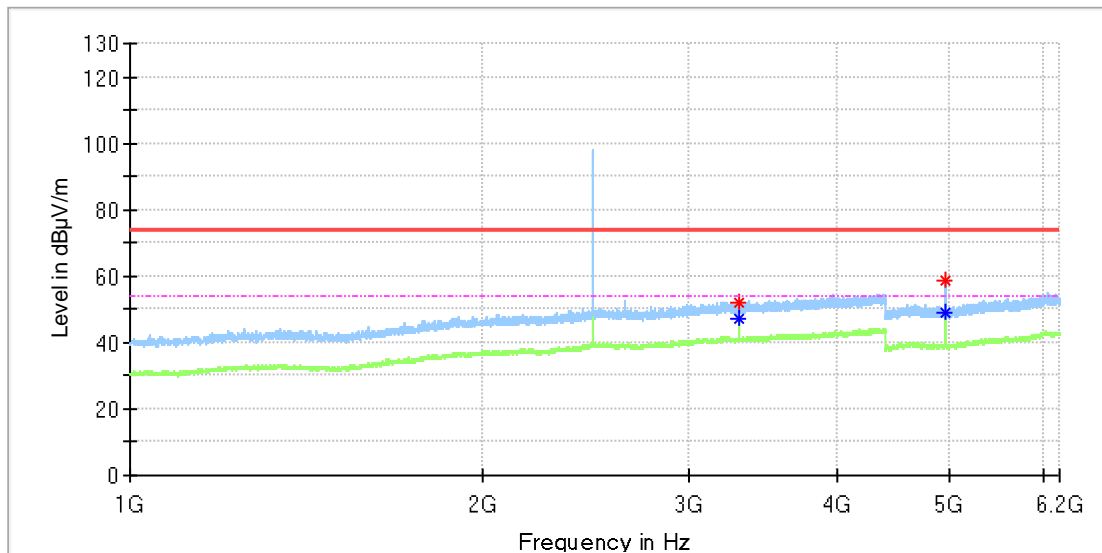
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7471.450000	44.45	---	74.00	29.55	150.0	V	238.0	8.6
7518.650000	---	34.35	54.00	19.65	150.0	V	35.0	8.7
12306.008333	---	39.71	54.00	14.29	150.0	V	342.0	14.9
12311.416667	49.54	---	74.00	24.46	150.0	V	95.0	14.9

### 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 Name:	Portable Power Station
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Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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### Critical\_Freqs

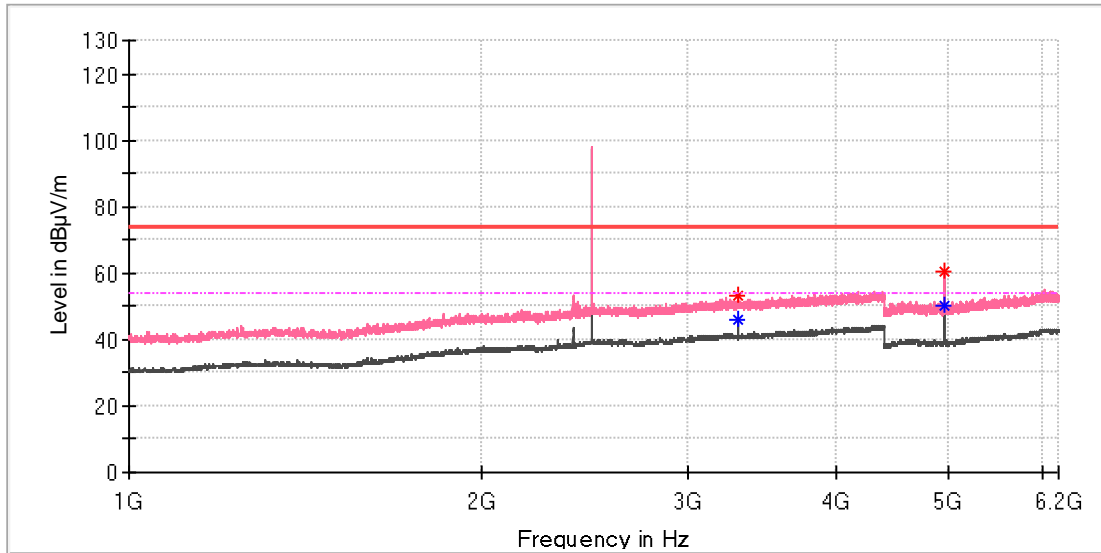
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3306.500000	52.25	---	74.00	21.75	150.0	H	222.0	8.6
3306.500000	---	47.32	54.00	6.68	150.0	H	222.0	8.6
4959.000000	---	48.75	54.00	5.25	150.0	H	316.0	11.8
4959.500000	58.51	---	74.00	15.49	150.0	H	316.0	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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### Critical Freqs

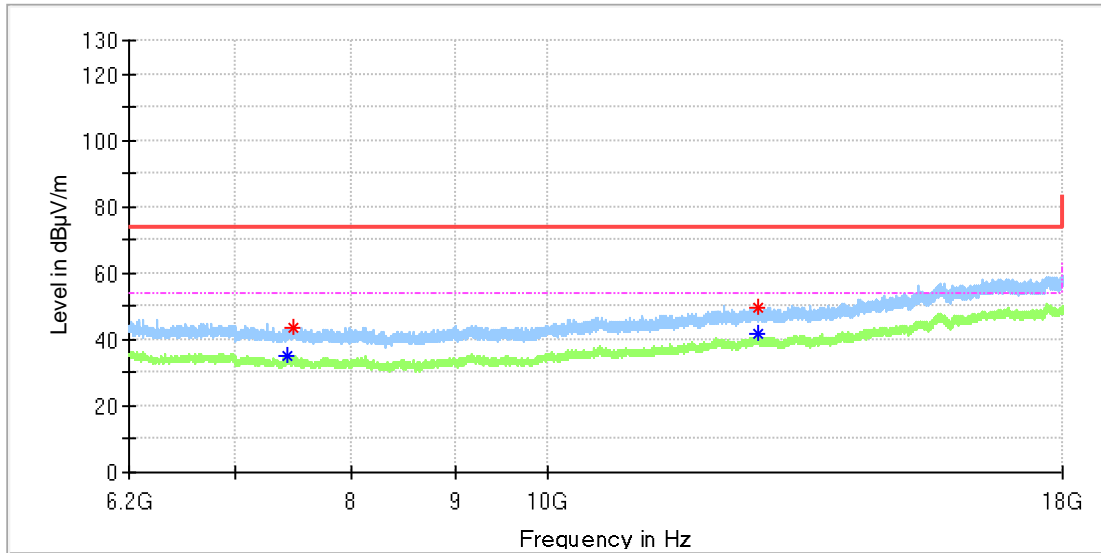
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3307.000000	53.13	---	74.00	20.87	150.0	V	353.0	8.6
3307.000000	---	46.02	54.00	7.98	150.0	V	353.0	8.6
4959.000000	---	50.01	54.00	3.99	150.0	V	333.0	11.8
4959.500000	60.22	---	74.00	13.78	150.0	V	341.0	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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### Critical Freqs

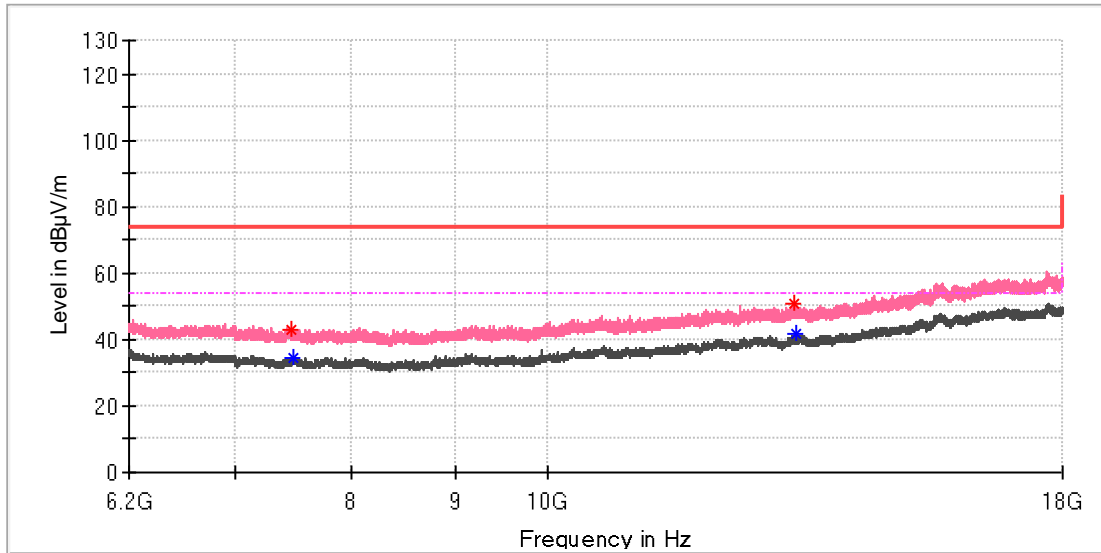
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7431.133333	---	34.99	54.00	19.01	150.0	H	342.0	8.4
7478.333333	43.55	---	74.00	30.45	150.0	H	198.0	8.7
12704.258333	49.35	---	74.00	24.65	150.0	H	354.0	15.1
12712.616667	---	41.56	54.00	12.44	150.0	H	35.0	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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### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7456.208333	42.96	---	74.00	31.04	150.0	V	18.0	8.5
7471.941667	---	34.56	54.00	19.44	150.0	V	43.0	8.6
13241.650000	50.77	---	74.00	23.23	150.0	V	0.0	15.5
13290.325000	---	41.42	54.00	12.58	150.0	V	288.0	15.5

### Final\_Result

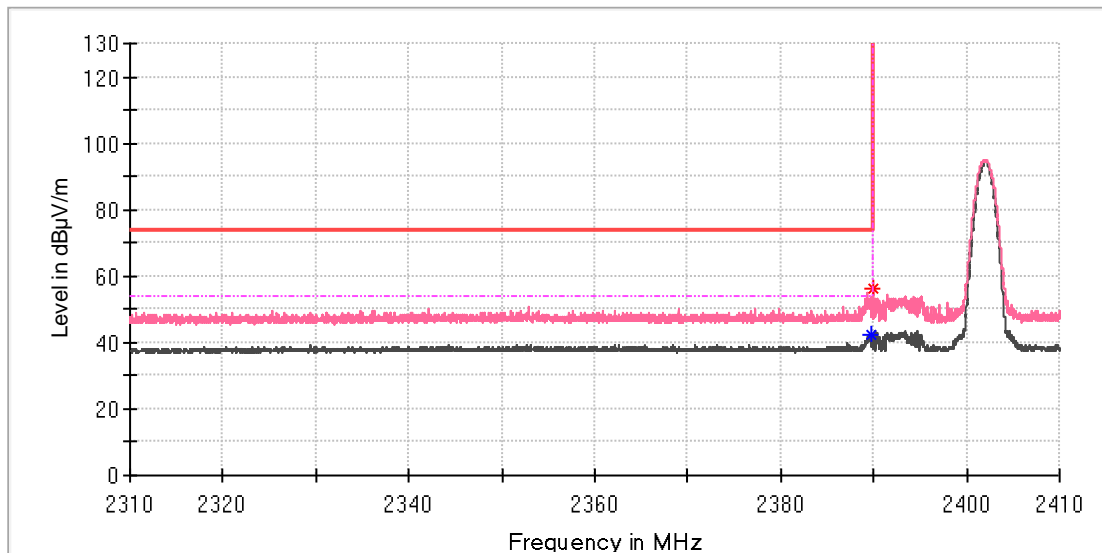
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





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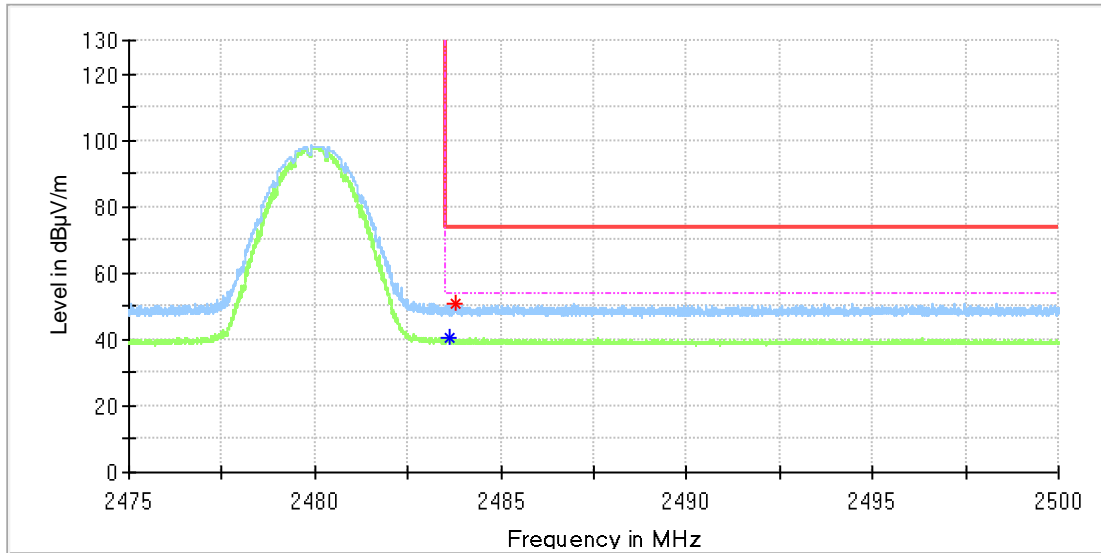
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.838235	---	42.54	54.00	11.46	150.0	V	251.0	7.0
2389.867647	55.96	---	74.00	18.04	150.0	V	259.0	7.0

### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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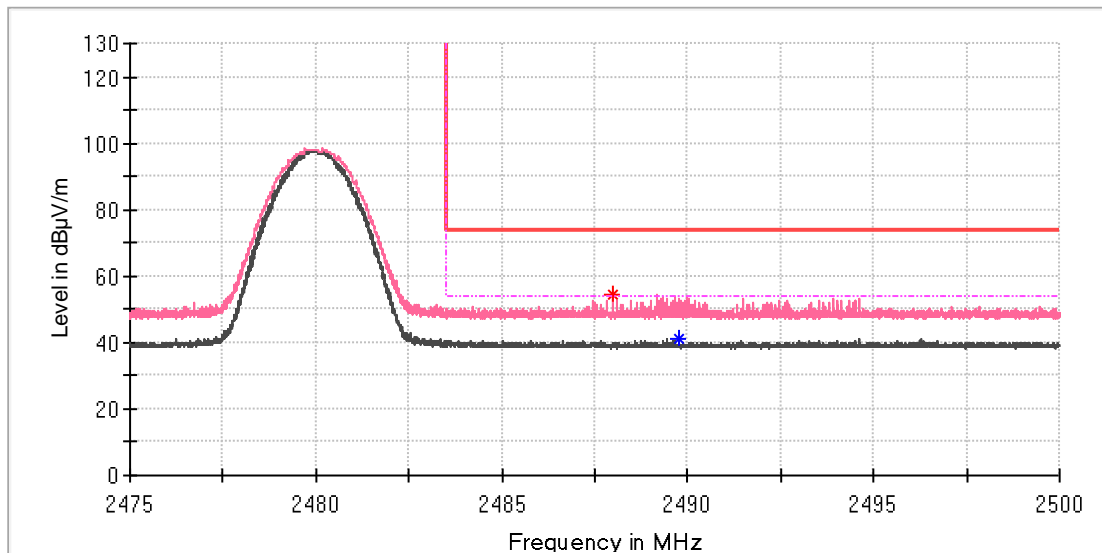
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.643382	---	40.28	54.00	13.72	150.0	H	133.0	7.4
2483.775735	50.98	---	74.00	23.02	150.0	H	297.0	7.4

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
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)
2487.963235	54.68	---	74.00	19.32	150.0	V	258.0	7.4
2489.757353	---	40.97	54.00	13.03	150.0	V	266.0	7.4

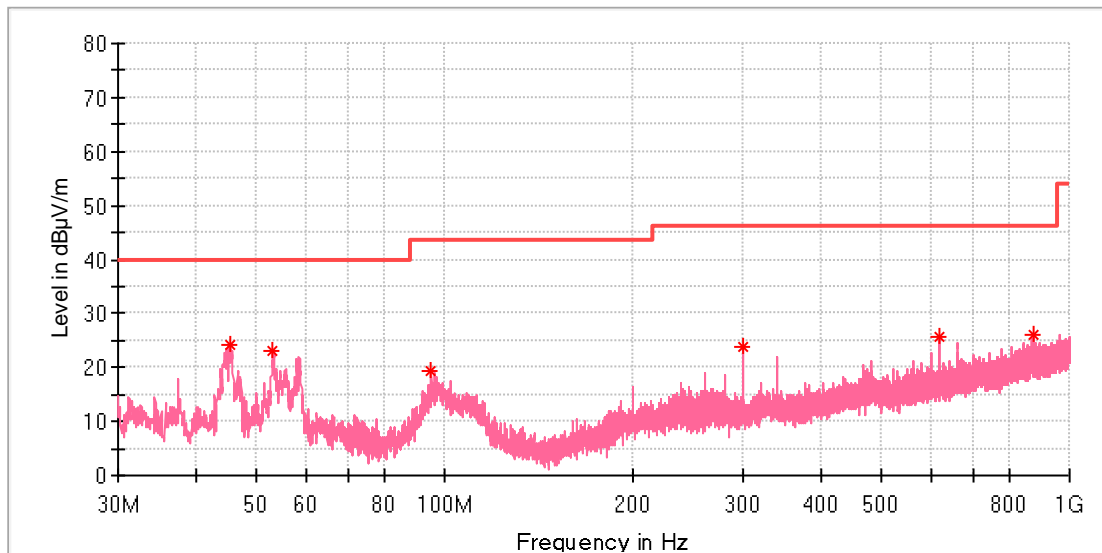
### Final\_Result

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



### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
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)
45.445385	24.29	40.00	15.71	100.0	V	2.0	-19.1
53.093462	23.04	40.00	16.96	100.0	V	0.0	-18.7
95.176539	19.44	43.50	24.06	100.0	V	112.0	-20.0
300.443462	23.67	46.00	22.33	100.0	V	168.0	-16.6
620.953846	25.49	46.00	20.51	100.0	V	327.0	-9.8
875.541539	25.94	46.00	20.06	100.0	V	7.0	-5.6

### Final\_Result

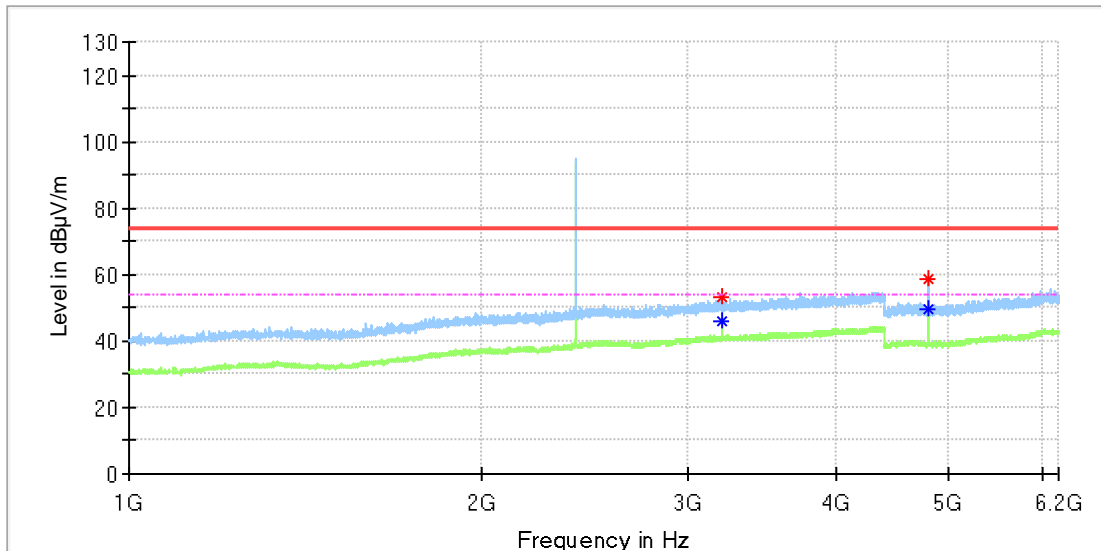
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

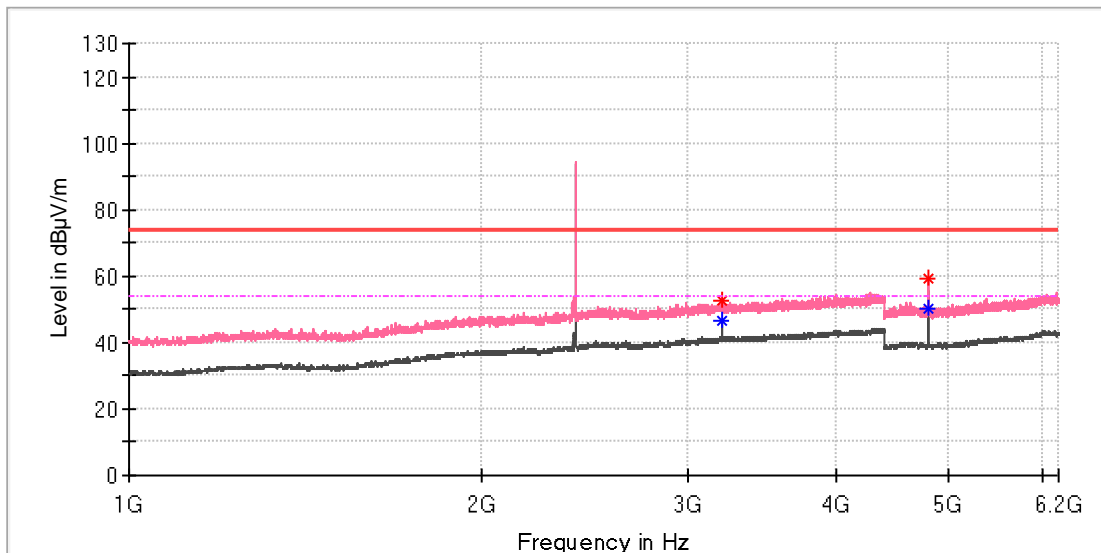
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3202.500000	53.14	---	74.00	20.86	150.0	H	295.0	8.6
3202.500000	---	46.07	54.00	7.93	150.0	H	295.0	8.6
4803.500000	58.94	---	74.00	15.06	150.0	H	173.0	11.8
4804.500000	---	49.53	54.00	4.47	150.0	H	173.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

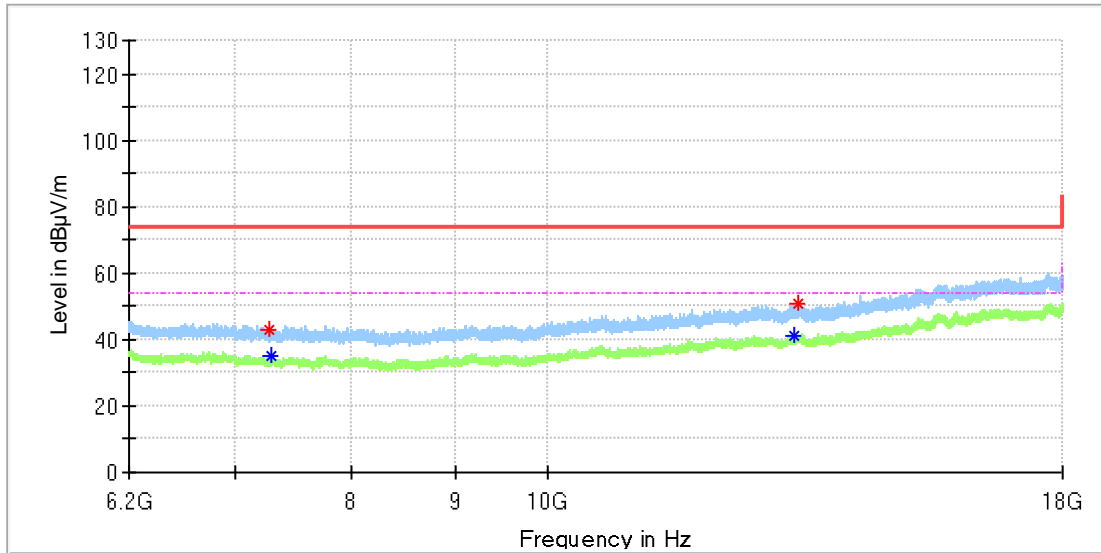
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3202.500000	---	46.49	54.00	7.51	150.0	V	0.0	8.6
3203.000000	52.57	---	74.00	21.43	150.0	V	304.0	8.6
4803.000000	---	50.44	54.00	3.56	150.0	V	94.0	11.8
4804.000000	59.37	---	74.00	14.63	150.0	V	94.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
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)
7276.750000	43.11	---	74.00	30.89	150.0	H	309.0	8.4
7291.008333	---	34.93	54.00	19.07	150.0	H	321.0	8.3
13254.433333	---	41.30	54.00	12.70	150.0	H	165.0	15.5
13294.258333	50.92	---	74.00	23.08	150.0	H	334.0	15.5

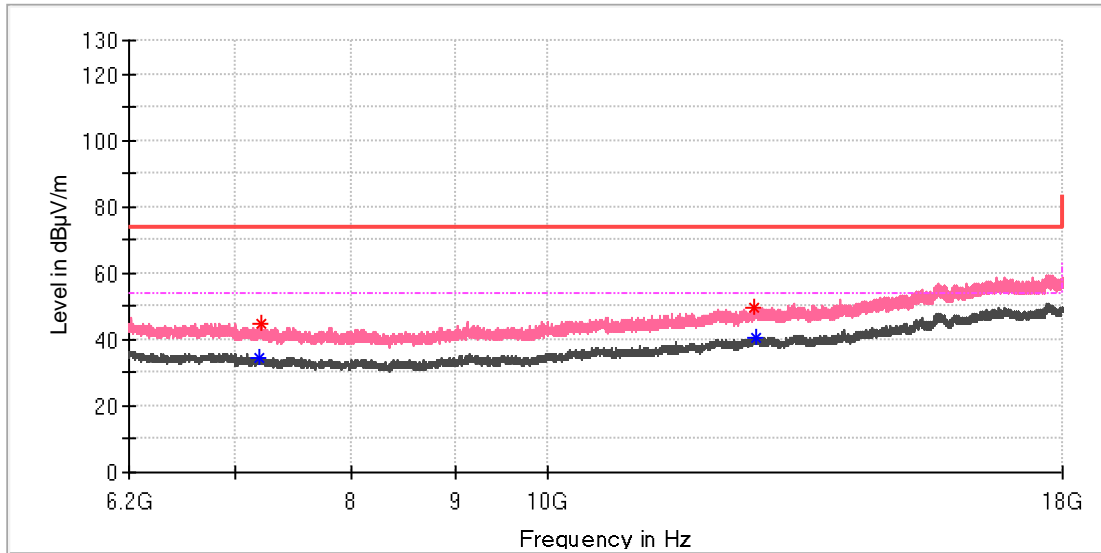
### Final Result

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



### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

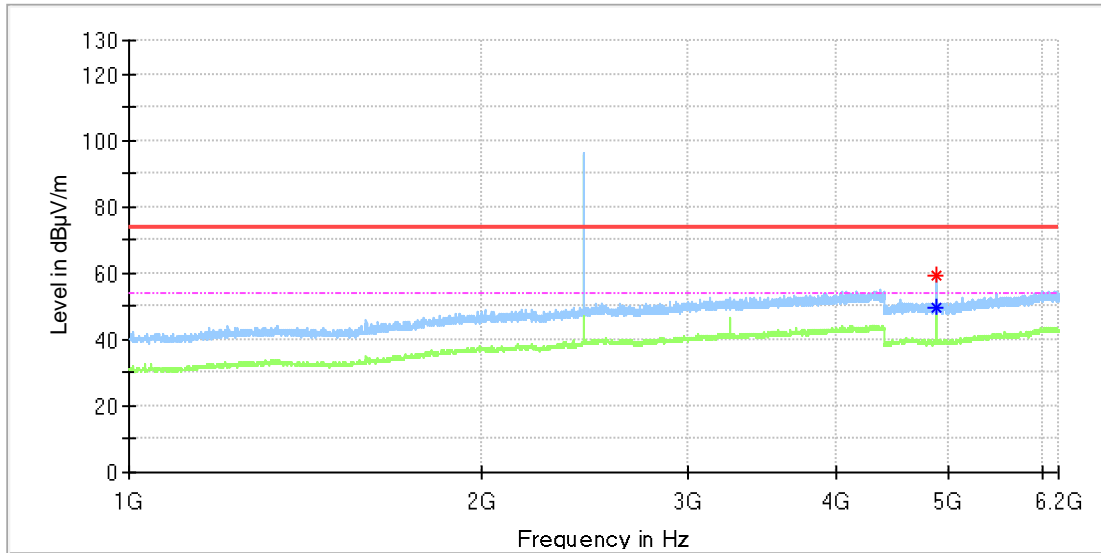
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7198.575000	---	34.75	54.00	19.25	150.0	V	44.0	8.8
7214.800000	44.51	---	74.00	29.49	150.0	V	202.0	8.7
12647.225000	49.66	---	74.00	24.34	150.0	V	106.0	15.0
12672.791667	---	40.38	54.00	13.62	150.0	V	106.0	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: Portable Power Station  
 Model: Andes 1500  
 Test Mode: BLE 1M\_Mid channel  
 Order No/Sample No: 168474698/A003723392-006  
 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

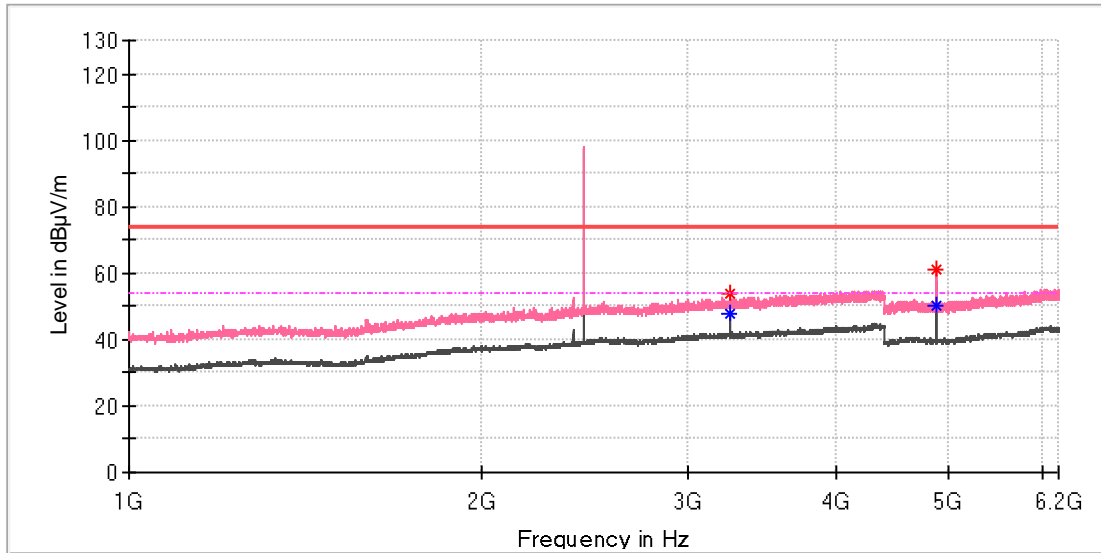
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4879.000000	---	49.81	54.00	4.19	150.0	H	327.0	11.8
4879.500000	59.29	---	74.00	14.71	150.0	H	327.0	11.8

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

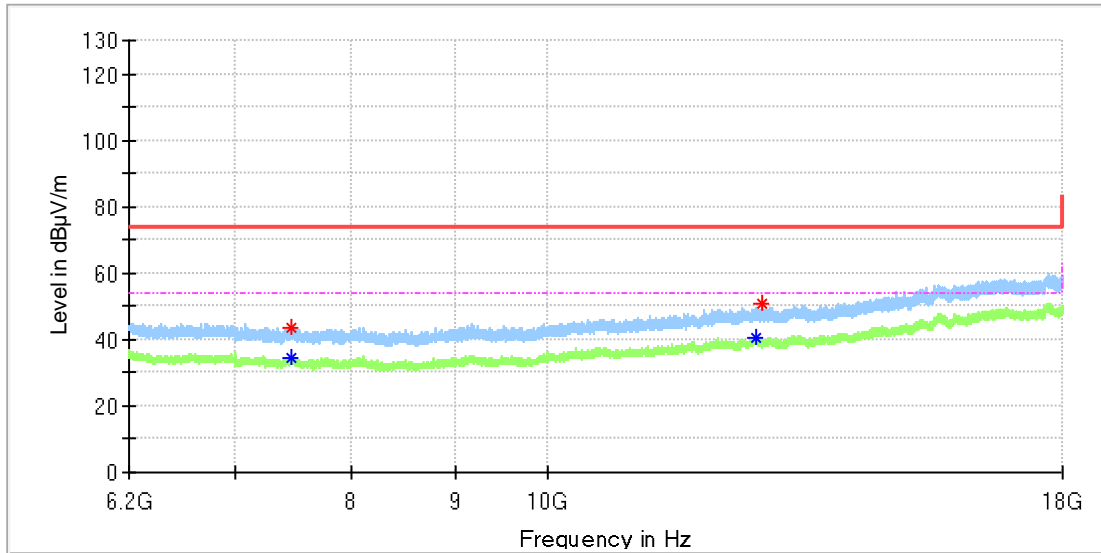
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3253.500000	54.08	---	74.00	19.92	150.0	V	304.0	8.5
3253.500000	---	47.99	54.00	6.01	150.0	V	304.0	8.5
4880.500000	61.02	---	74.00	12.98	150.0	V	305.0	11.8
4881.000000	---	50.11	54.00	3.89	150.0	V	342.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

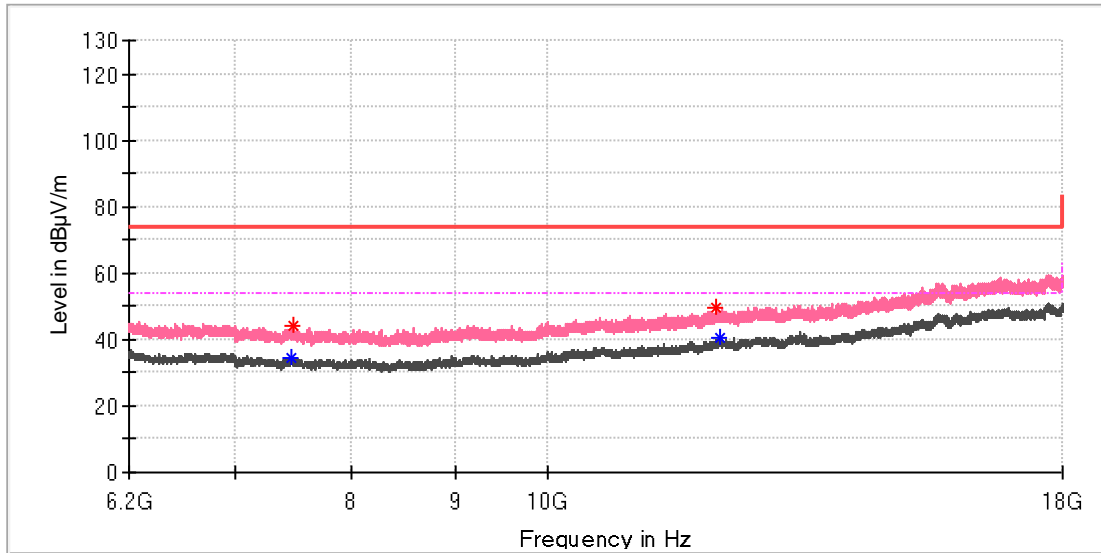
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7457.683333	---	34.70	54.00	19.30	150.0	H	182.0	8.5
7460.141667	43.36	---	74.00	30.64	150.0	H	330.0	8.5
12682.625000	---	40.66	54.00	13.34	150.0	H	0.0	15.1
12766.208333	50.64	---	74.00	23.36	150.0	H	206.0	15.2

### Final\_Result

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

### EUT Information

EUT Name: Portable Power Station  
 Model: Andes 1500  
 Test Mode: BLE 1M\_Mid channel  
 Order No/Sample No: 168474698/A003723392-006  
 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

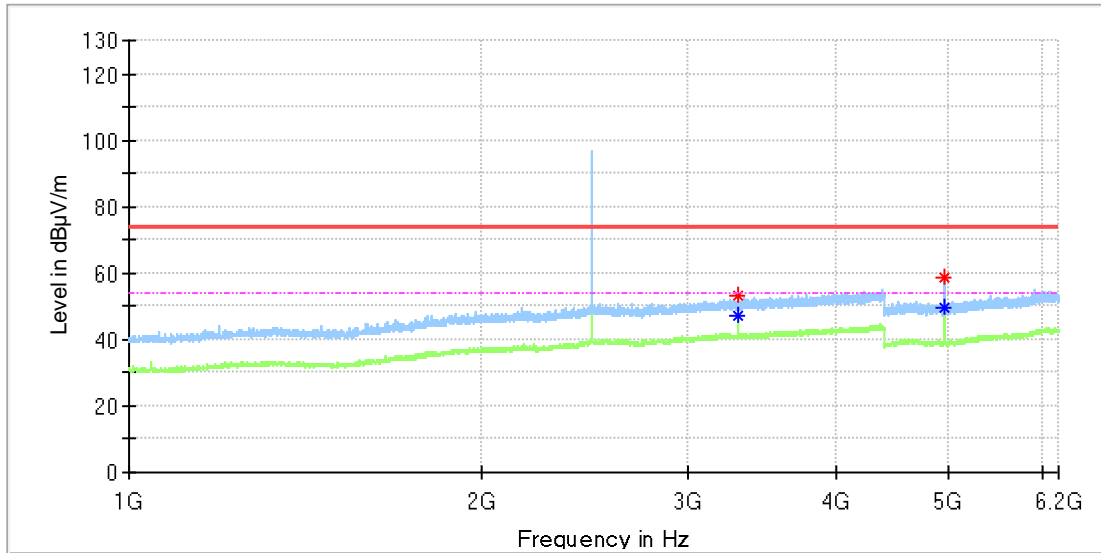
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7466.533333	---	34.26	54.00	19.74	150.0	V	57.0	8.6
7482.266667	43.98	---	74.00	30.02	150.0	V	285.0	8.7
12110.325000	49.61	---	74.00	24.39	150.0	V	236.0	14.2
12166.375000	---	40.28	54.00	13.72	150.0	V	285.0	14.5

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

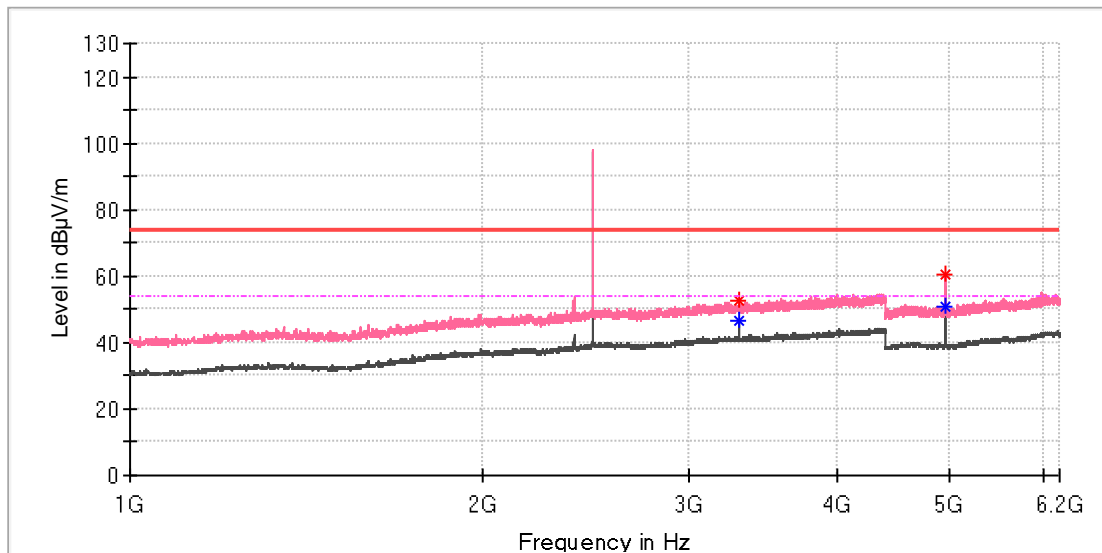
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3306.500000	53.12	---	74.00	20.88	150.0	H	169.0	8.6
3307.000000	---	47.30	54.00	6.70	150.0	H	169.0	8.6
4959.000000	---	49.86	54.00	4.14	150.0	H	316.0	11.8
4959.500000	58.61	---	74.00	15.39	150.0	H	239.0	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: Portable Power Station  
 Model: Andes 1500  
 Test Mode: BLE 1M\_High channel  
 Order No/Sample No: 168474698/A003723392-006  
 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

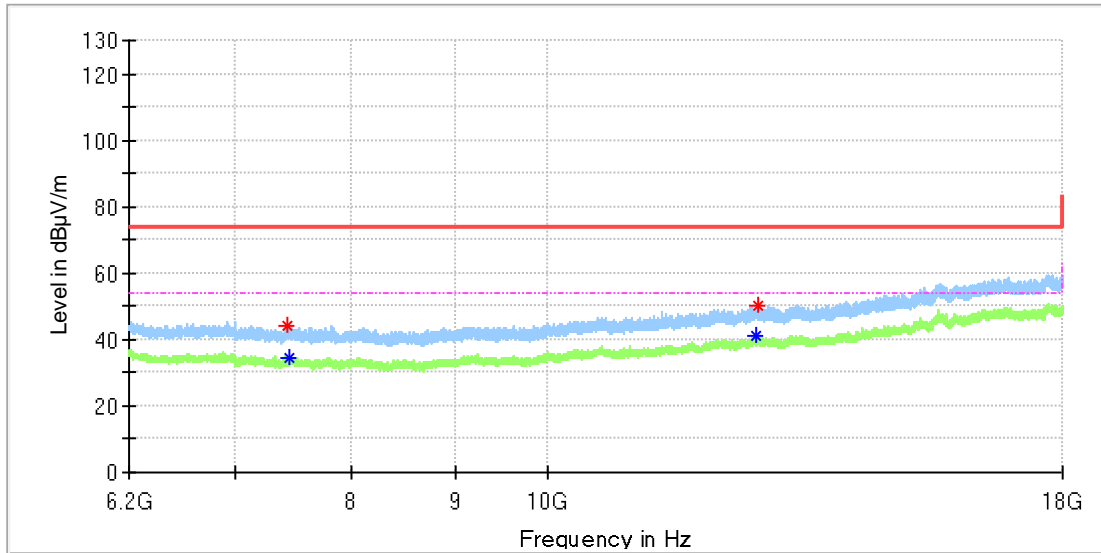
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3306.500000	52.81	---	74.00	21.19	150.0	V	306.0	8.6
3306.500000	---	46.70	54.00	7.30	150.0	V	306.0	8.6
4959.000000	---	50.58	54.00	3.42	150.0	V	344.0	11.8
4959.500000	60.17	---	74.00	13.83	150.0	V	344.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
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)
7434.575000	44.08	---	74.00	29.92	150.0	H	250.0	8.4
7440.475000	---	34.51	54.00	19.49	150.0	H	103.0	8.4
12679.675000	---	40.87	54.00	13.13	150.0	H	188.0	15.1
12706.716667	50.38	---	74.00	23.62	150.0	H	200.0	15.1

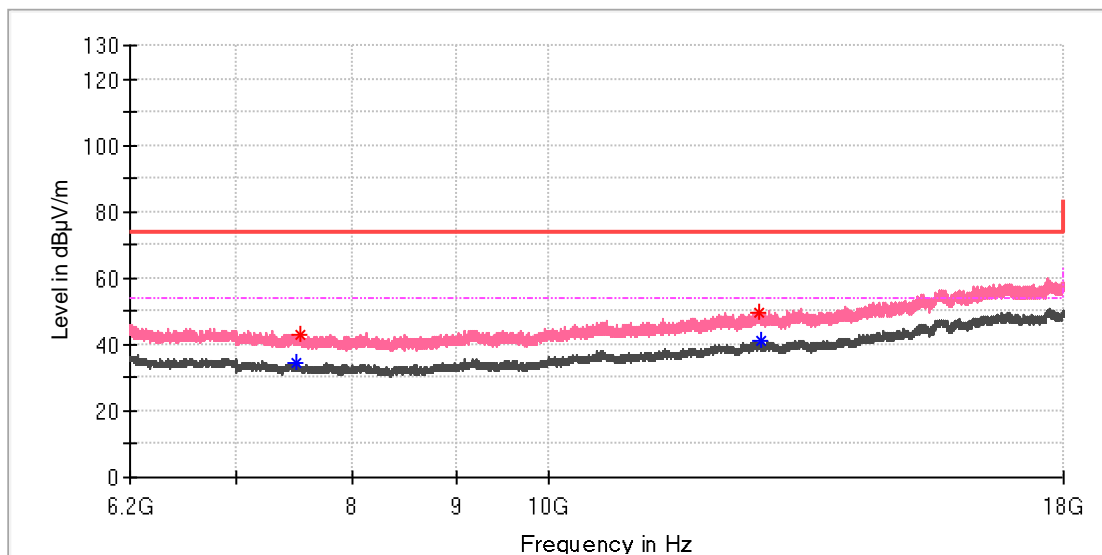
### Final Result

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



### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
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)
7499.475000	---	34.55	54.00	19.45	150.0	V	279.0	8.7
7524.058333	42.85	---	74.00	31.15	150.0	V	327.0	8.7
12700.325000	49.55	---	74.00	24.45	150.0	V	315.0	15.1
12742.608333	---	41.40	54.00	12.60	150.0	V	6.0	15.2

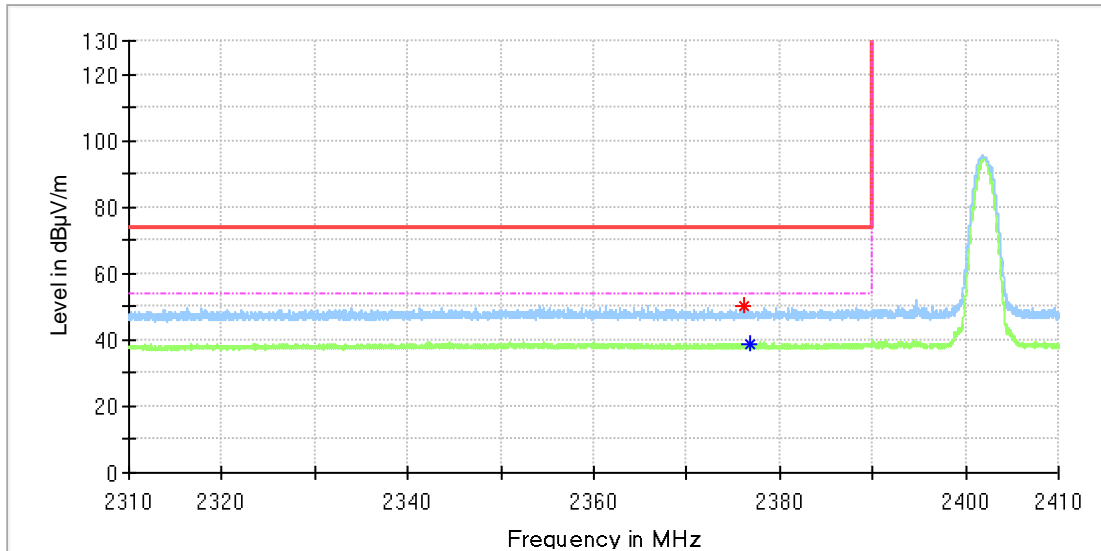
### Final\_Result

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

### Appendix A.4: Test Results of Radiated Emissions in Restricted Bands, Bluetooth LE

#### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



#### Critical Freqs

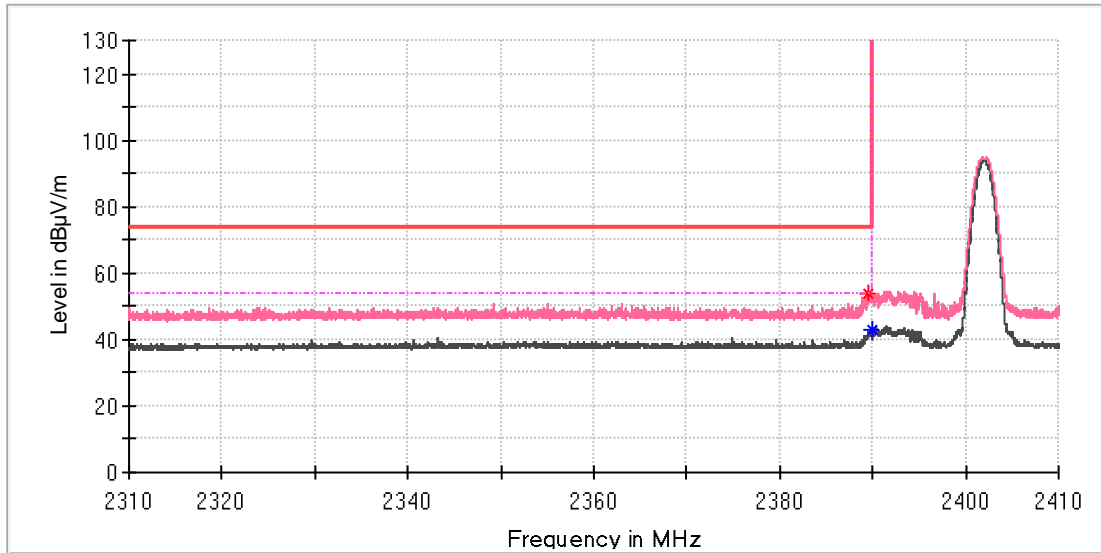
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2376.235294	50.15	---	74.00	23.85	150.0	H	294.0	6.9
2376.779412	---	38.75	54.00	15.25	150.0	H	0.0	6.9

#### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

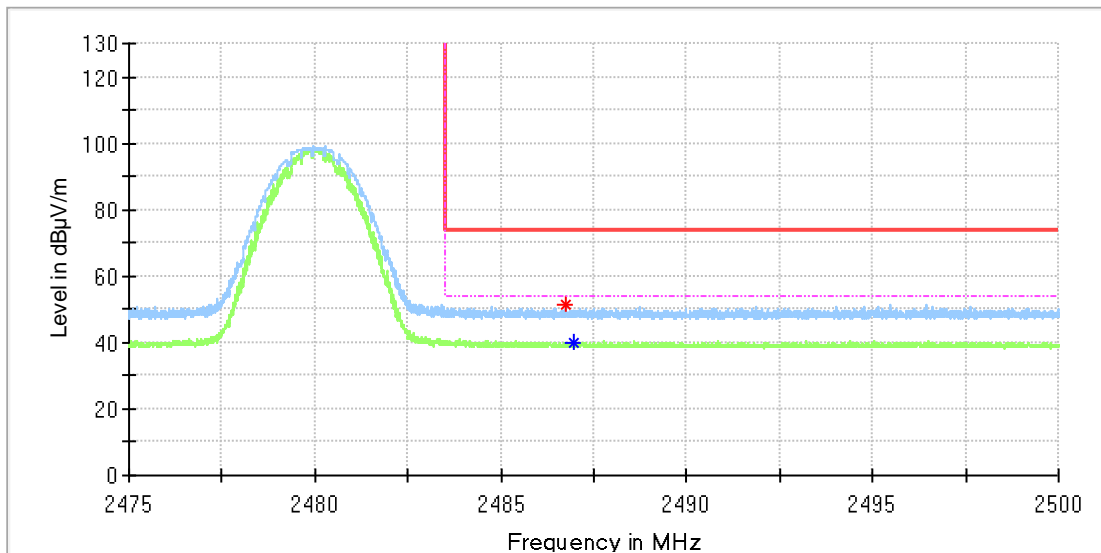
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.470588	53.86	---	74.00	20.14	150.0	V	244.0	7.0
2389.882353	---	42.85	54.00	11.15	150.0	V	236.0	7.0

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

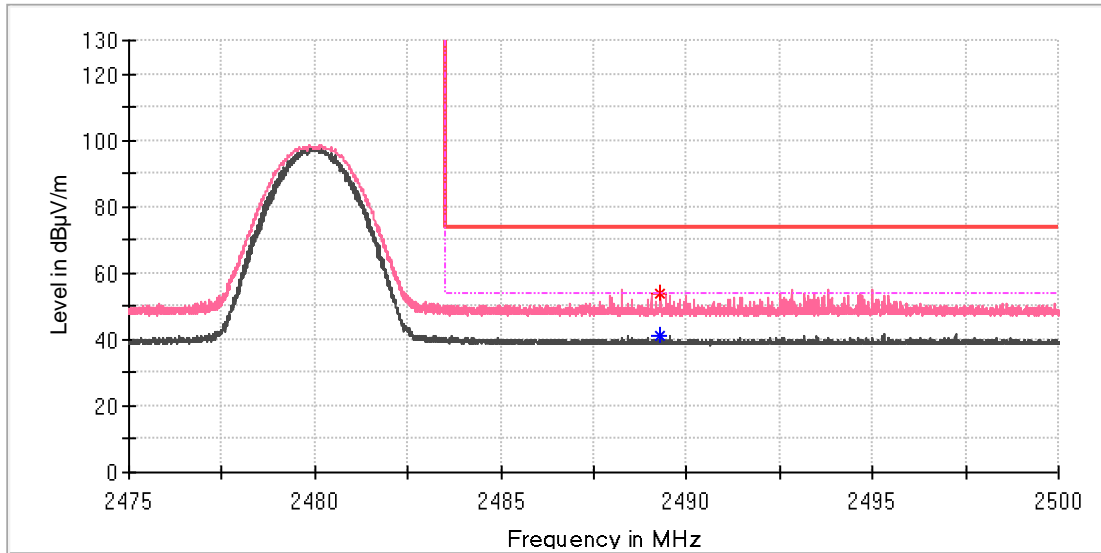
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.750000	51.23	---	74.00	22.77	150.0	H	163.0	7.4
2486.981618	---	40.03	54.00	13.97	150.0	H	242.0	7.4

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
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)
2489.301471	53.69	---	74.00	20.31	150.0	V	255.0	7.4
2489.301471	---	41.02	54.00	12.98	150.0	V	255.0	7.4

### Final\_Result

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

### Appendix A.5: Test Results of Radiated Spurious Emissions, 2.4GHz Wi-Fi

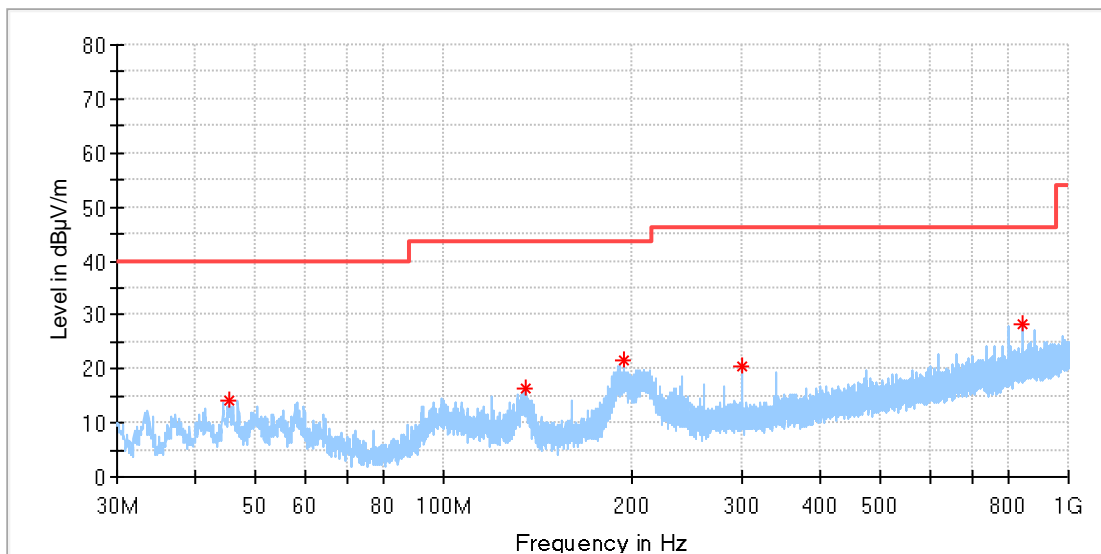
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) 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.

30 MHz - 1GHz

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

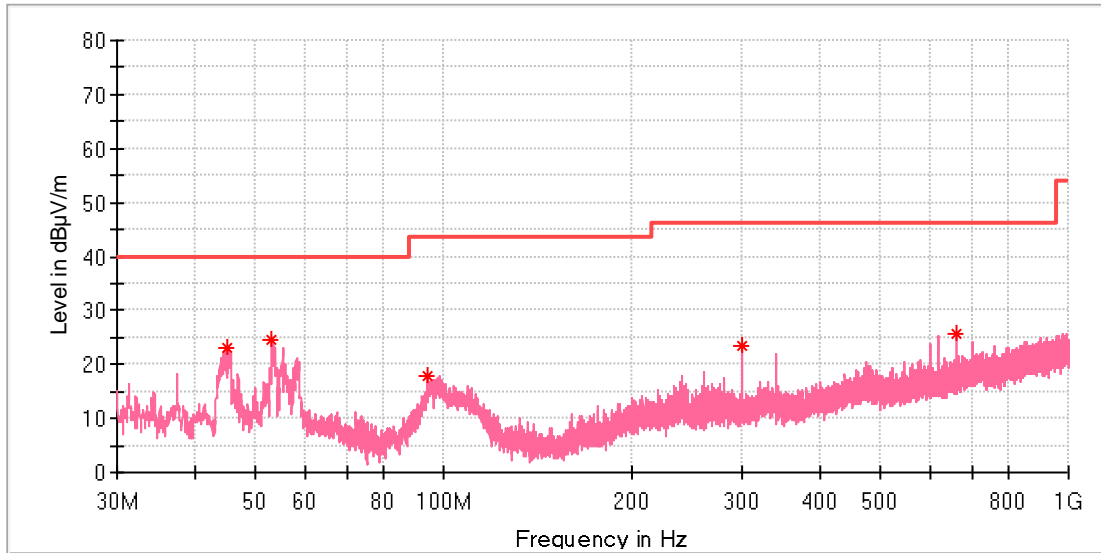
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.333462	14.26	40.00	25.74	100.0	H	200.0	-19.1
135.245000	16.29	43.50	27.21	100.0	H	0.0	-22.4
194.079231	21.40	43.50	22.10	100.0	H	162.0	-19.6
300.406154	20.42	46.00	25.58	100.0	H	272.0	-16.6
841.106539	28.23	46.00	17.77	100.0	H	138.0	-6.0

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
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)
45.184231	22.97	40.00	17.03	100.0	V	187.0	-19.1
53.130769	24.62	40.00	15.38	100.0	V	121.0	-18.7
94.505000	18.01	43.50	25.49	100.0	V	80.0	-20.2
300.480769	23.26	46.00	22.74	100.0	V	230.0	-16.6
661.059615	25.50	46.00	20.50	100.0	V	346.0	-9.1

### Final\_Result

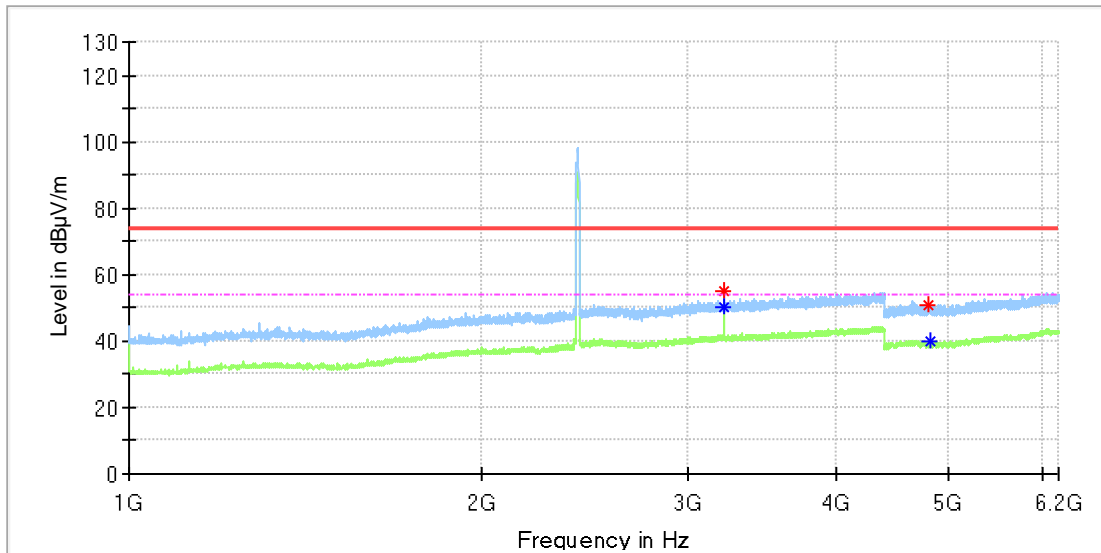
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
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)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3216.000000	54.90	---	74.00	19.10	150.0	H	172.0	8.6
3216.500000	---	50.21	54.00	3.79	150.0	H	192.0	8.6
4807.000000	50.80	---	74.00	23.20	150.0	H	72.0	11.8
4824.000000	---	40.09	54.00	13.91	150.0	H	208.0	11.8

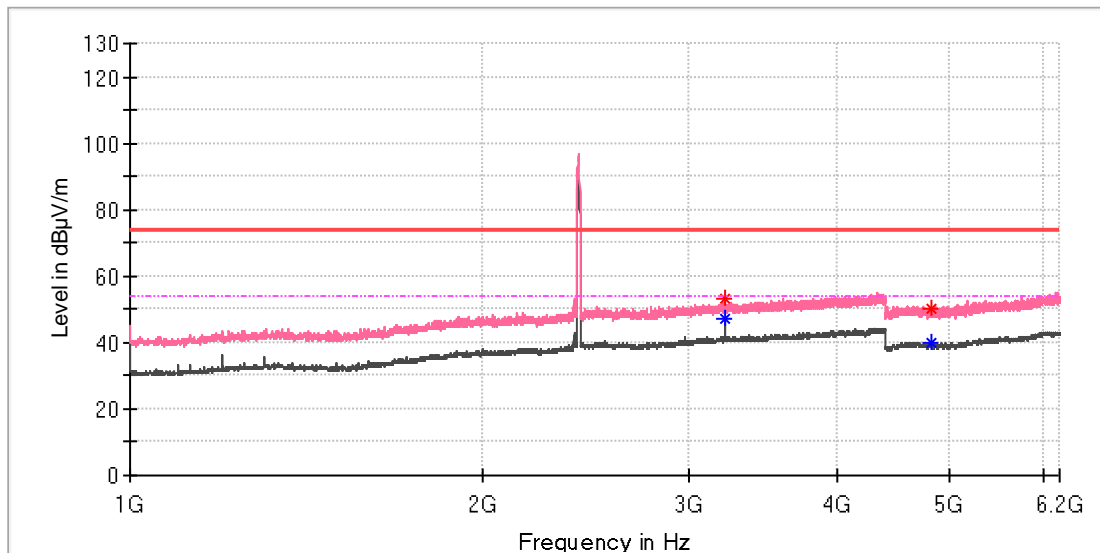
### Final Result

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



### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

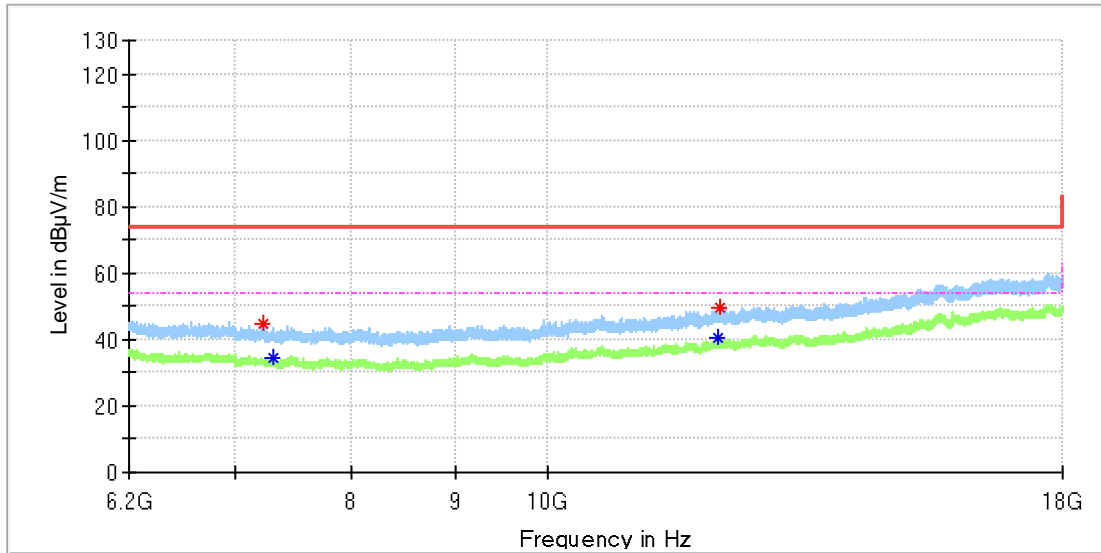
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3216.000000	---	46.99	54.00	7.01	150.0	V	20.0	8.6
3216.500000	53.23	---	74.00	20.77	150.0	V	6.0	8.6
4819.000000	50.25	---	74.00	23.75	150.0	V	52.0	11.8
4823.500000	---	39.96	54.00	14.05	150.0	V	64.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

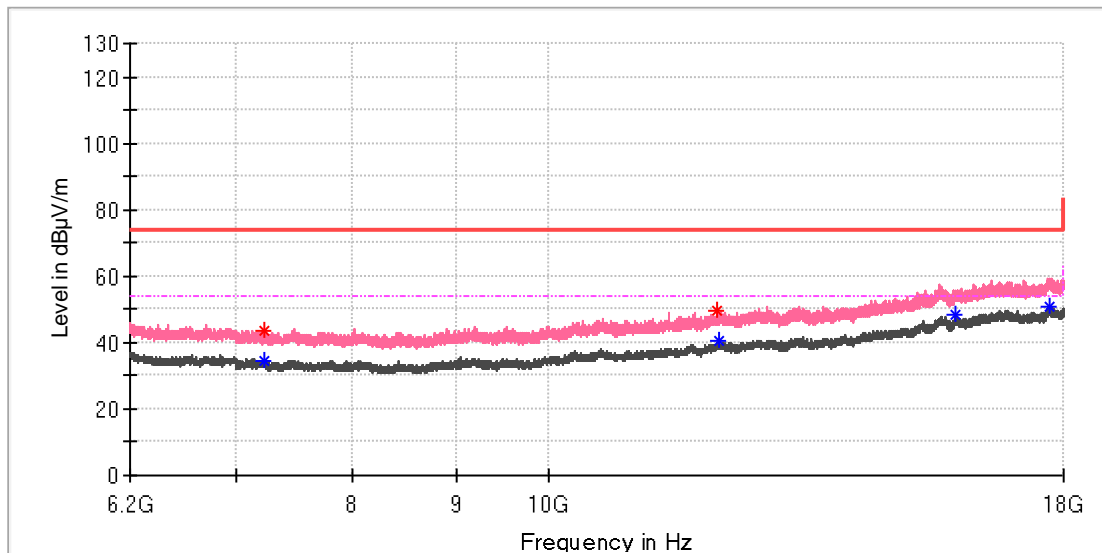
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7221.683333	44.73	---	74.00	29.27	150.0	H	38.0	8.7
7302.808333	---	34.29	54.00	19.71	150.0	H	339.0	8.3
12141.300000	---	40.34	54.00	13.66	150.0	H	192.0	14.4
12185.550000	49.61	---	74.00	24.39	150.0	H	251.0	14.6

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

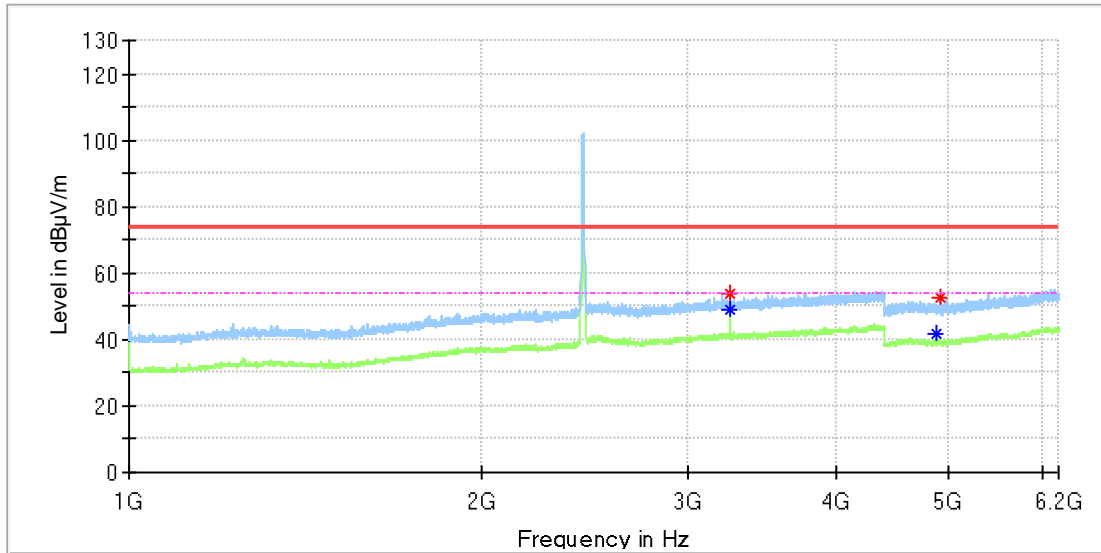
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7232.991667	---	34.64	54.00	19.36	150.0	V	239.0	8.6
7233.975000	43.74	---	74.00	30.26	150.0	V	312.0	8.6
12118.683333	49.46	---	74.00	24.54	150.0	V	109.0	14.3
12148.675000	---	40.36	54.00	13.64	150.0	V	348.0	14.4
15921.725000	---	48.16	54.00	5.84	150.0	V	255.0	19.5
17704.508333	---	50.61	54.00	3.39	150.0	V	0.0	22.9

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

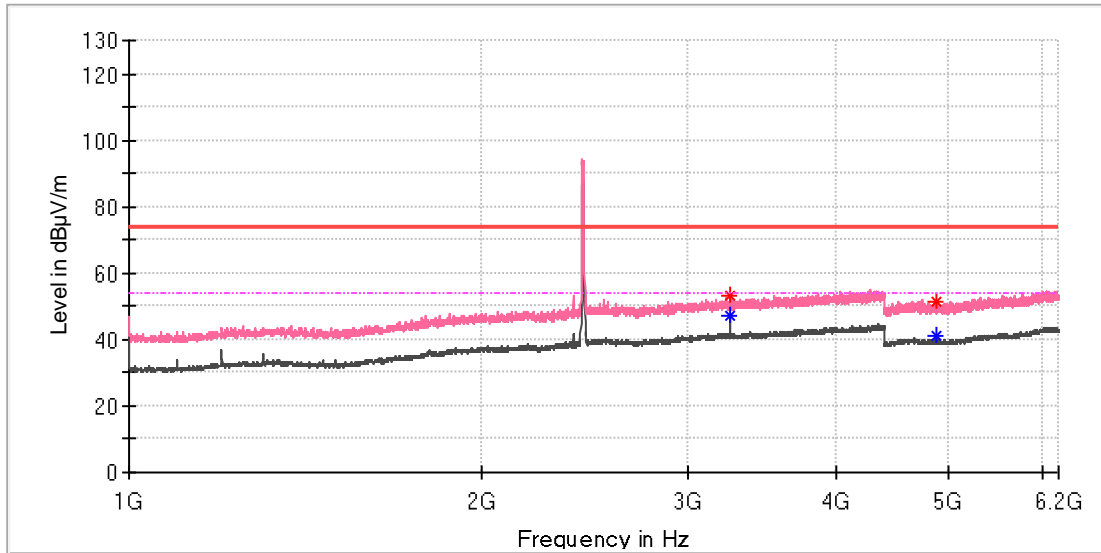
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3249.500000	53.80	---	74.00	20.20	150.0	H	185.0	8.5
3249.500000	---	48.96	54.00	5.04	150.0	H	185.0	8.5
4874.000000	---	41.84	54.00	12.16	150.0	H	192.0	11.8
4923.500000	52.54	---	74.00	21.46	150.0	H	54.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

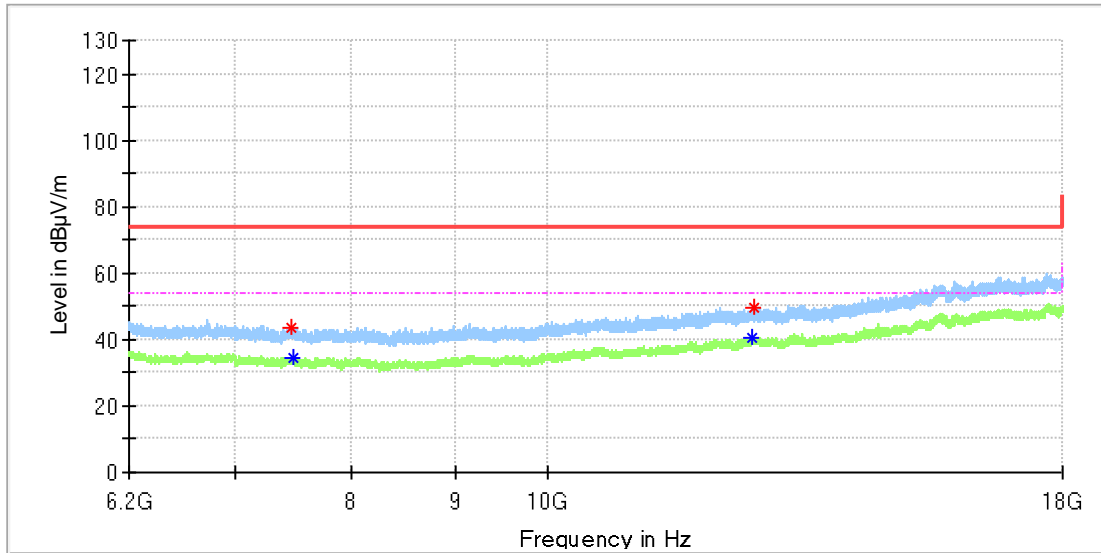
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3249.500000	53.17	---	74.00	20.83	150.0	V	53.0	8.5
3249.500000	---	47.16	54.00	6.84	150.0	V	53.0	8.5
4868.500000	51.48	---	74.00	22.52	150.0	V	79.0	11.8
4874.000000	---	41.35	54.00	12.65	150.0	V	173.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

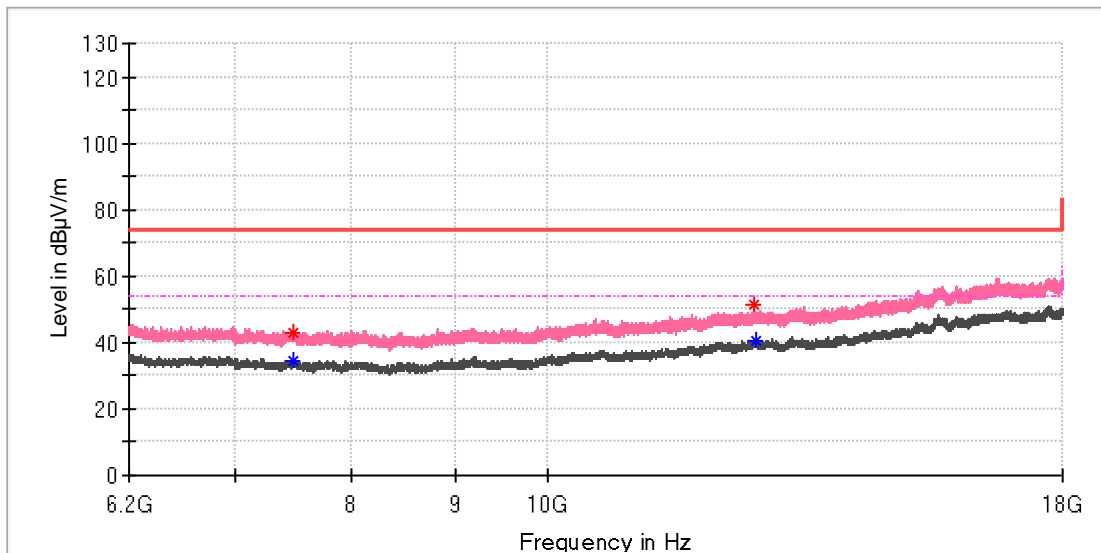
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7468.008333	43.78	---	74.00	30.22	150.0	H	66.0	8.6
7484.725000	---	34.72	54.00	19.28	150.0	H	125.0	8.7
12624.608333	---	40.78	54.00	13.22	150.0	H	0.0	14.9
12657.550000	49.42	---	74.00	24.58	150.0	H	77.0	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: Portable Power Station  
 Model: Andes 1500  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168474698/A003723392-006  
 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

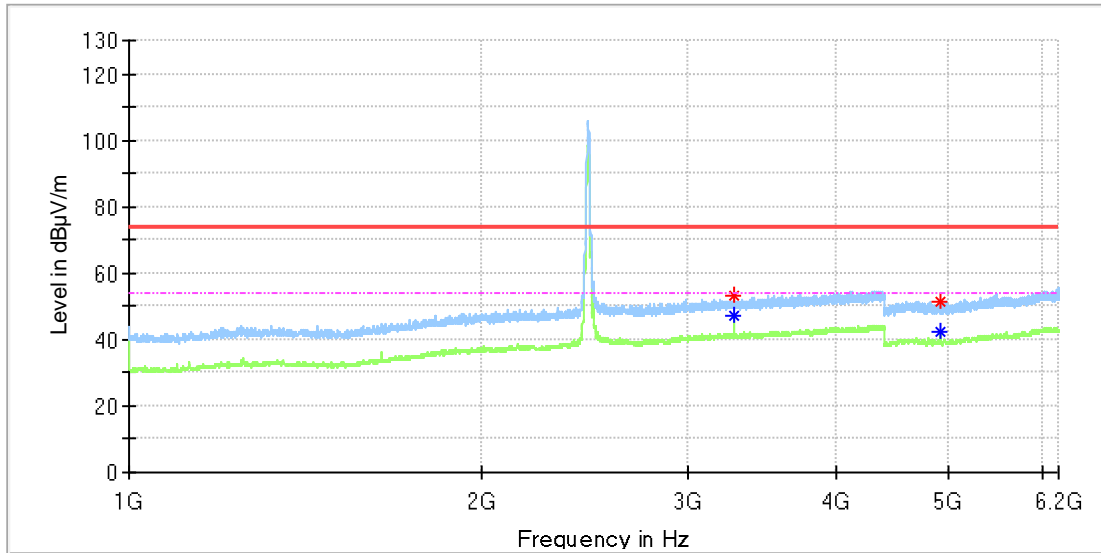
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7472.925000	---	34.53	54.00	19.47	150.0	V	195.0	8.6
7481.775000	42.99	---	74.00	31.01	150.0	V	207.0	8.7
12665.908333	51.36	---	74.00	22.64	150.0	V	265.0	15.1
12690.000000	---	40.67	54.00	13.33	150.0	V	147.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
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)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3283.000000	52.92	---	74.00	21.08	150.0	H	195.0	8.5
3283.000000	---	47.35	54.00	6.65	150.0	H	195.0	8.5
4922.000000	51.55	---	74.00	22.45	150.0	H	207.0	11.8
4924.000000	---	42.12	54.00	11.88	150.0	H	182.0	11.8

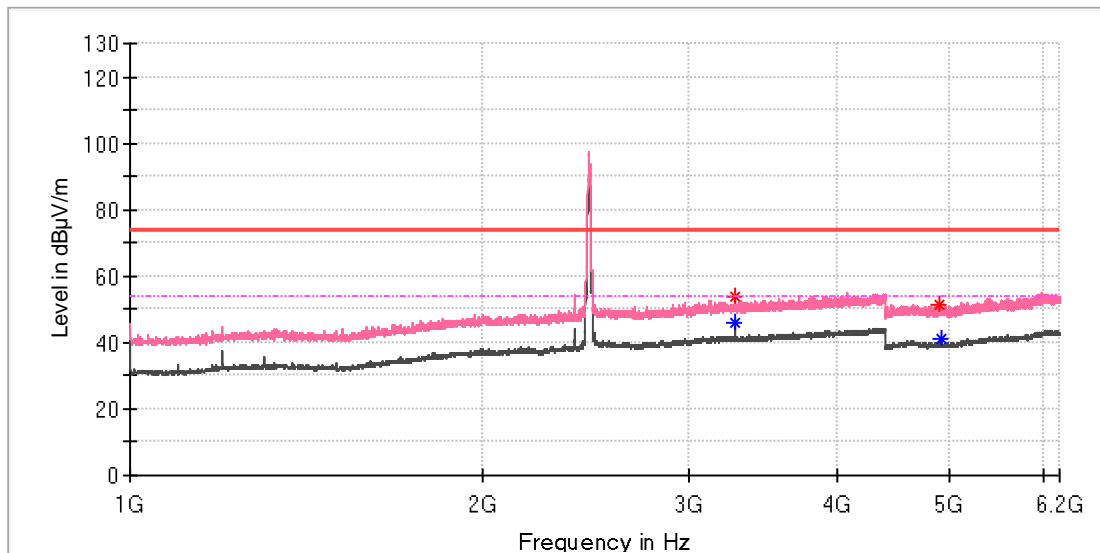
### Final Result

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



### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

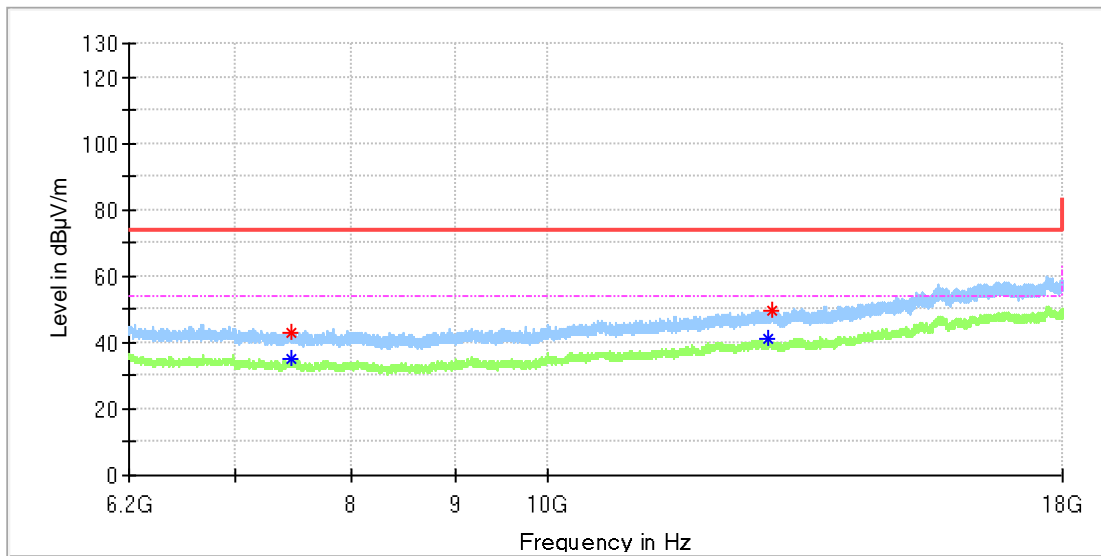
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3283.000000	53.70	---	74.00	20.30	150.0	V	29.0	8.5
3283.000000	---	45.85	54.00	8.15	150.0	V	29.0	8.5
4904.000000	51.11	---	74.00	22.89	150.0	V	105.0	11.8
4923.500000	---	41.01	54.00	12.99	150.0	V	169.0	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: Portable Power Station  
 Model: Andes 1500  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168474698/A003723392-006  
 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

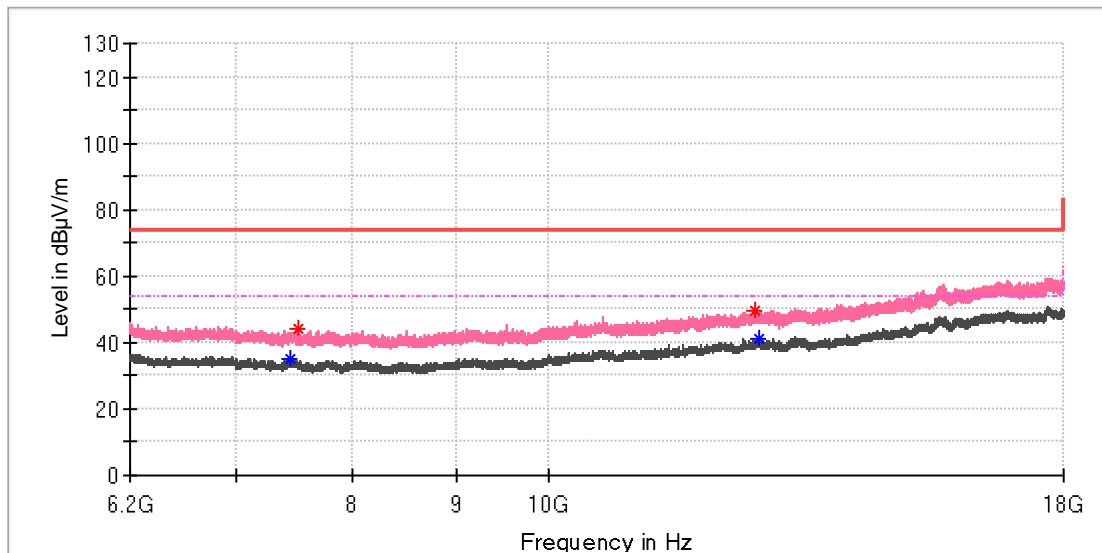
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7458.666667	---	34.80	54.00	19.20	150.0	H	91.0	8.5
7459.158333	43.19	---	74.00	30.81	150.0	H	43.0	8.5
12865.033333	---	41.00	54.00	13.00	150.0	H	211.0	15.4
12917.641667	49.73	---	74.00	24.27	150.0	H	246.0	15.5

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

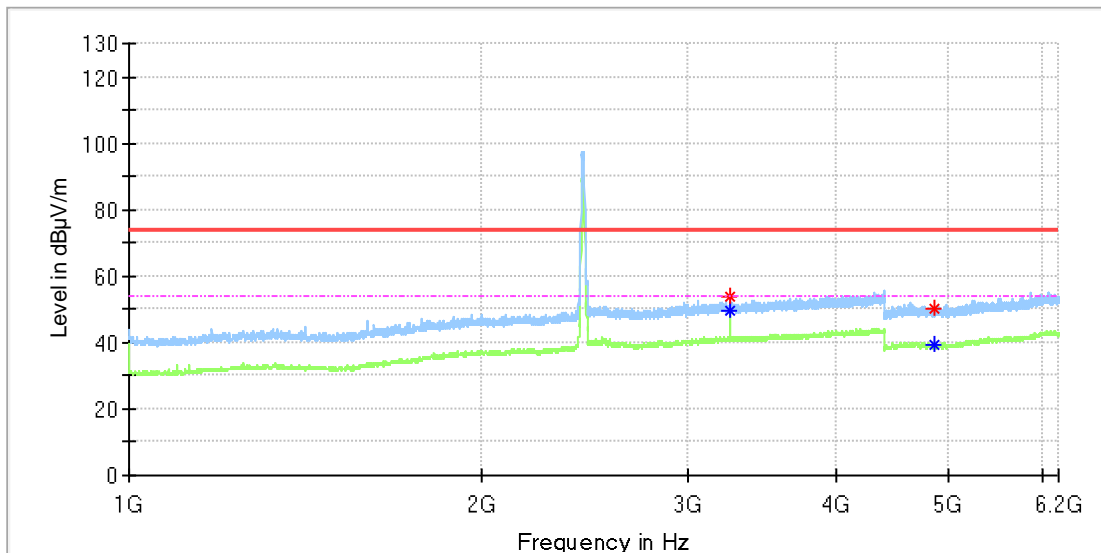
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7447.358333	---	34.96	54.00	19.04	150.0	V	118.0	8.5
7521.108333	44.17	---	74.00	29.83	150.0	V	253.0	8.7
12646.241667	49.39	---	74.00	24.61	150.0	V	0.0	15.0
12720.483333	---	40.86	54.00	13.15	150.0	V	288.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

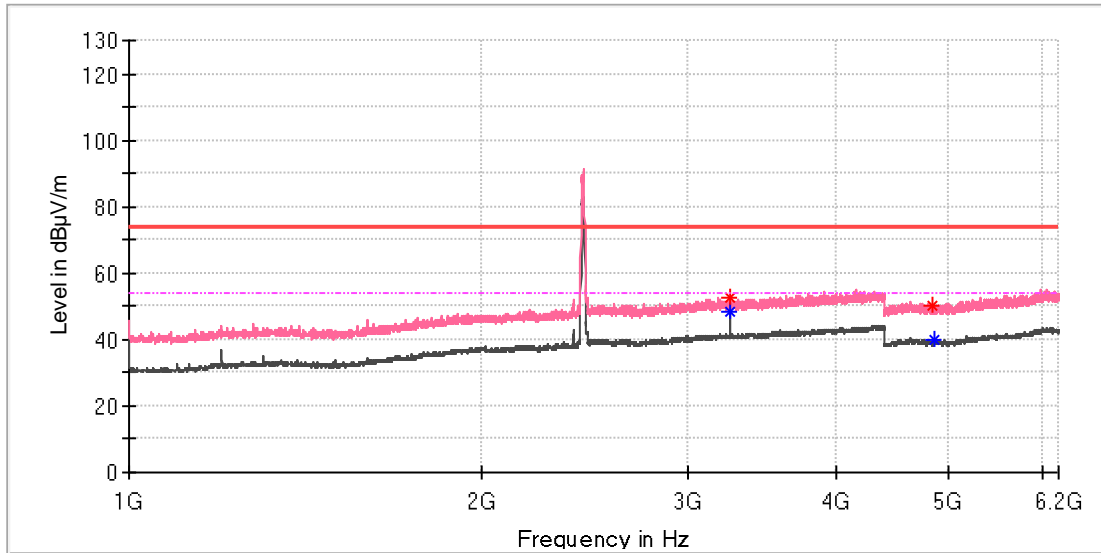
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3249.500000	53.99	---	74.00	20.01	150.0	H	115.0	8.5
3249.500000	---	49.37	54.00	4.63	150.0	H	115.0	8.5
4852.500000	---	39.42	54.00	14.58	150.0	H	301.0	11.8
4868.000000	50.39	---	74.00	23.61	150.0	H	325.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

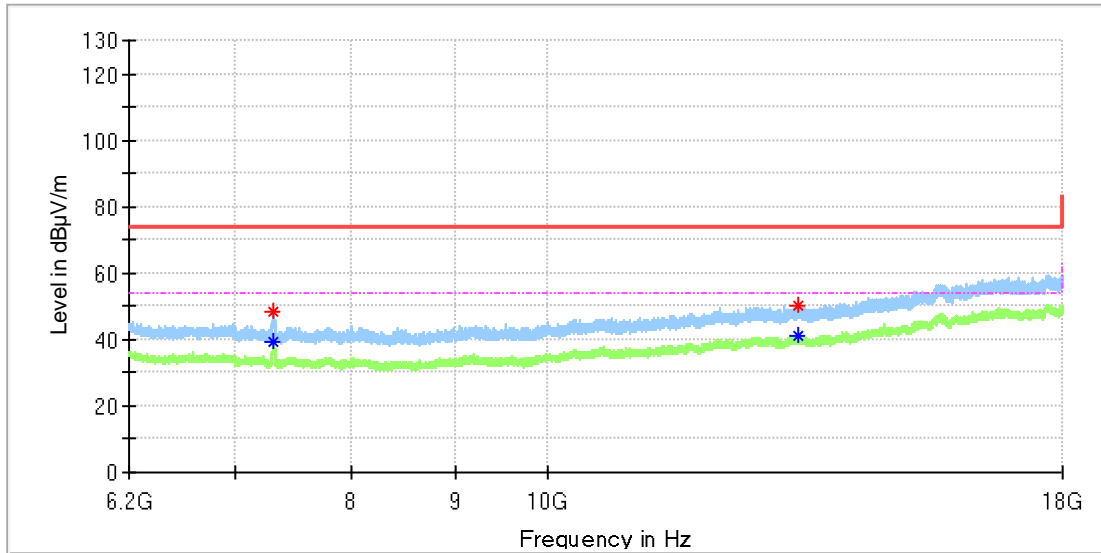
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3249.500000	52.73	---	74.00	21.27	150.0	V	60.0	8.5
3249.500000	---	48.52	54.00	5.48	150.0	V	60.0	8.5
4842.500000	50.40	---	74.00	23.60	150.0	V	314.0	11.8
4850.500000	---	39.76	54.00	14.24	150.0	V	174.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

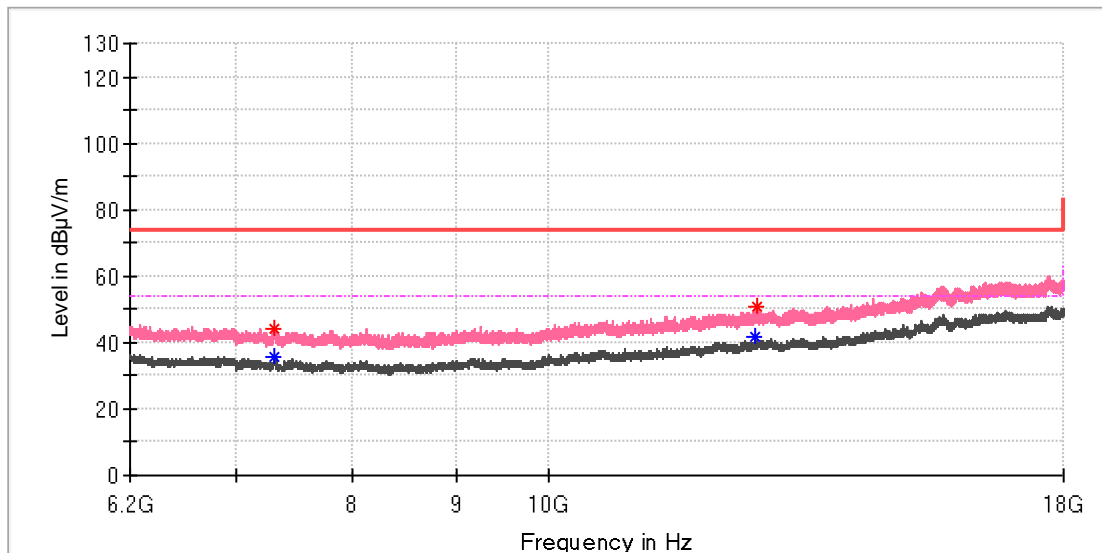
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7307.233333	48.32	---	74.00	25.68	150.0	H	221.0	8.3
7307.233333	---	39.55	54.00	14.45	150.0	H	221.0	8.3
13308.025000	50.29	---	74.00	23.71	150.0	H	113.0	15.5
13318.350000	---	41.03	54.00	12.98	150.0	H	209.0	15.5

### Final Result

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

### EUT Information

EUT Name: Portable Power Station  
 Model: Andes 1500  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168474698/A003723392-006  
 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

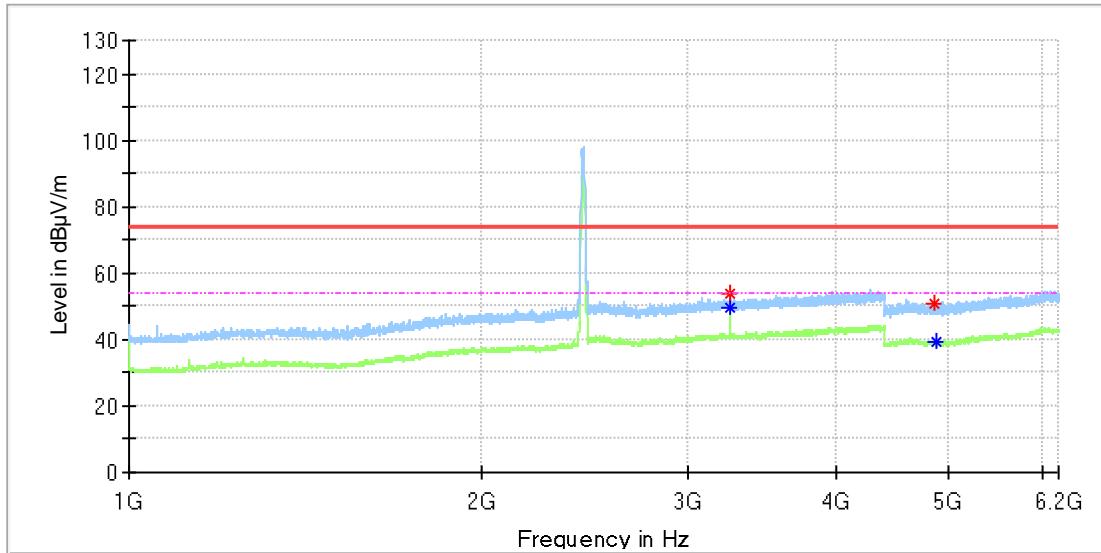
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7313.625000	---	35.83	54.00	18.17	150.0	V	281.0	8.2
7314.116667	44.20	---	74.00	29.80	150.0	V	281.0	8.2
12650.175000	---	41.44	54.00	12.56	150.0	V	0.0	15.0
12696.391667	50.60	---	74.00	23.40	150.0	V	256.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
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)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3249.500000	53.89	---	74.00	20.11	150.0	H	118.0	8.5
3249.500000	---	49.38	54.00	4.62	150.0	H	118.0	8.5
4852.500000	50.91	---	74.00	23.09	150.0	H	235.0	11.8
4870.000000	---	39.48	54.00	14.52	150.0	H	267.0	11.8

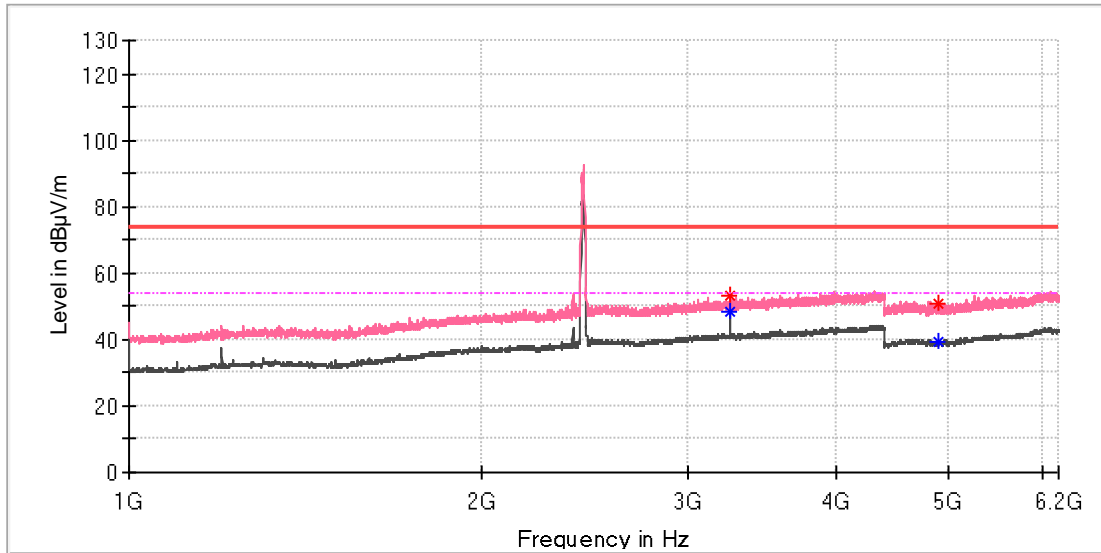
### Final Result

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



### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

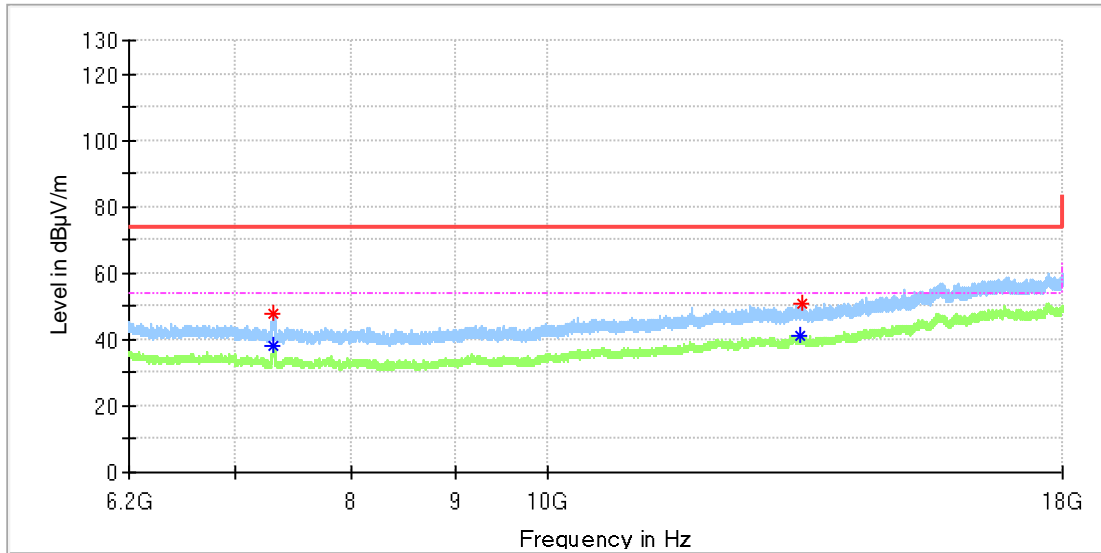
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3249.500000	53.37	---	74.00	20.63	150.0	V	57.0	8.5
3249.500000	---	48.39	54.00	5.61	150.0	V	57.0	8.5
4894.000000	51.04	---	74.00	22.96	150.0	V	343.0	11.8
4896.500000	---	39.38	54.00	14.62	150.0	V	278.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

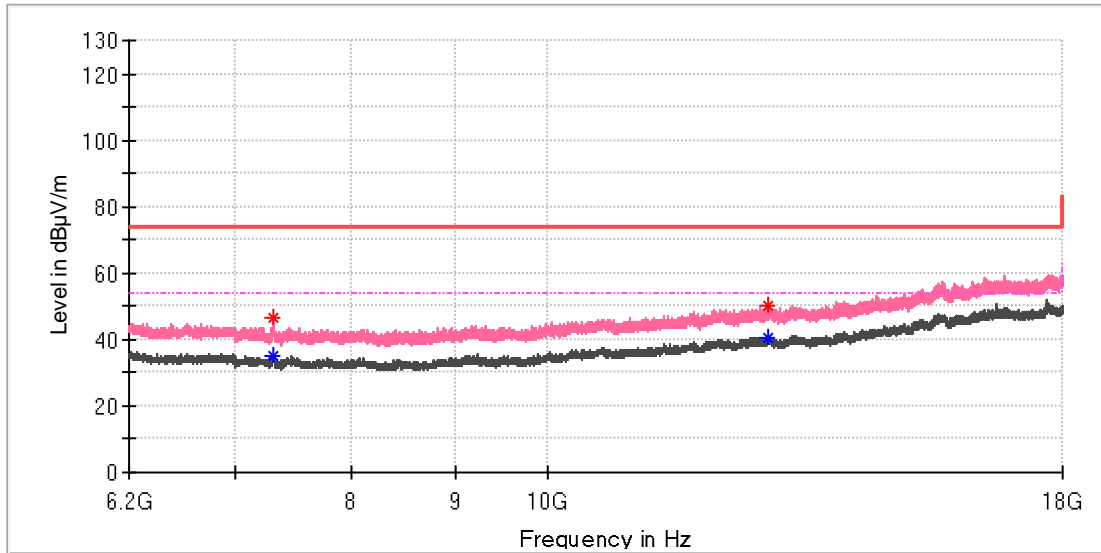
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.675000	47.76	---	74.00	26.24	150.0	H	248.0	8.2
7310.675000	---	38.39	54.00	15.61	150.0	H	248.0	8.2
13325.233333	---	40.84	54.00	13.16	150.0	H	319.0	15.5
13360.141667	50.73	---	74.00	23.27	150.0	H	175.0	15.5

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

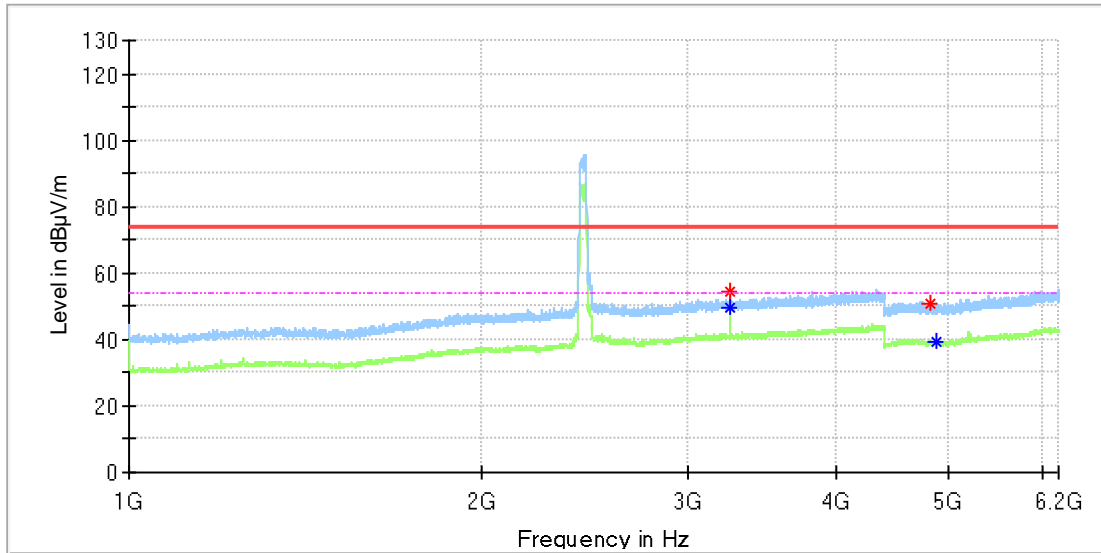
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7305.266667	---	35.04	54.00	18.96	150.0	V	228.0	8.3
7317.066667	46.59	---	74.00	27.41	150.0	V	251.0	8.2
12870.933333	---	40.80	54.00	13.20	150.0	V	339.0	15.4
12871.425000	50.30	---	74.00	23.70	150.0	V	0.0	15.4

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

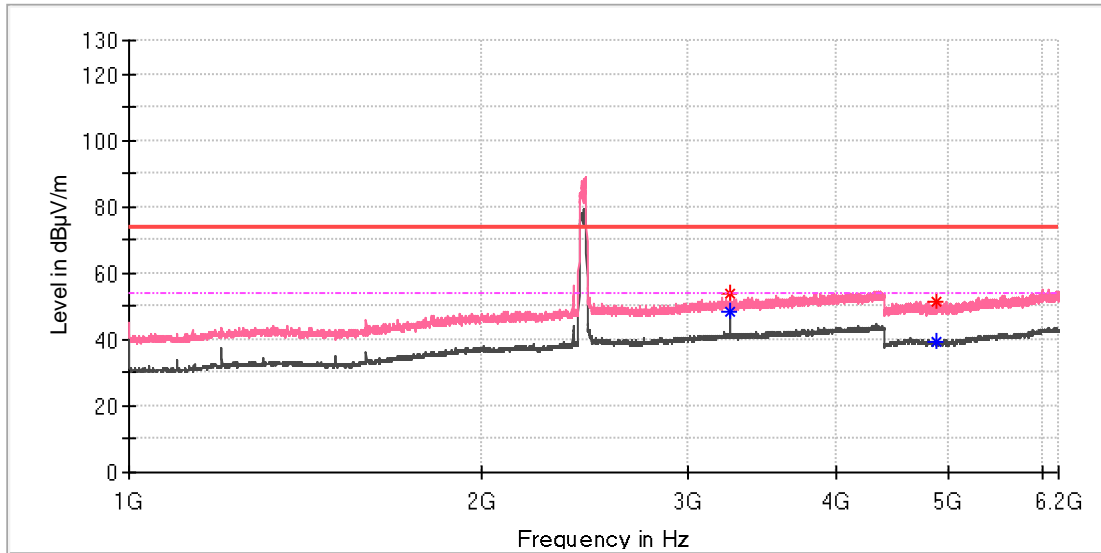
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3249.500000	54.59	---	74.00	19.41	150.0	H	118.0	8.5
3249.500000	---	49.56	54.00	4.44	150.0	H	118.0	8.5
4827.000000	50.96	---	74.00	23.04	150.0	H	251.0	11.8
4870.000000	---	39.60	54.00	14.40	150.0	H	258.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

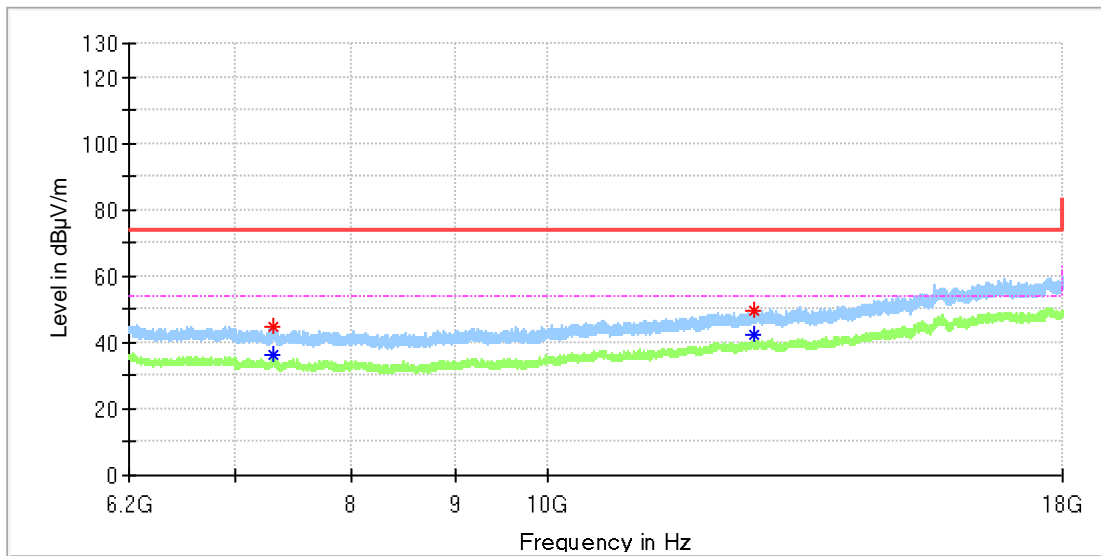
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3249.500000	53.82	---	74.00	20.18	150.0	V	46.0	8.5
3249.500000	---	48.14	54.00	5.86	150.0	V	46.0	8.5
4871.500000	---	39.44	54.00	14.56	150.0	V	153.0	11.8
4874.500000	51.18	---	74.00	22.82	150.0	V	207.0	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:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

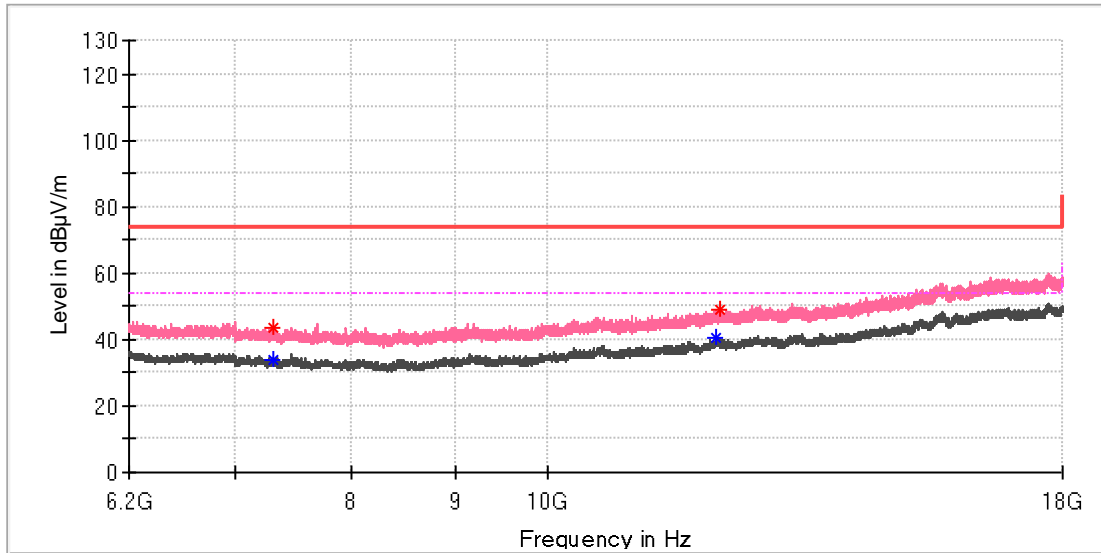
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7304.775000	44.52	---	74.00	29.48	150.0	H	216.0	8.3
7313.625000	---	36.12	54.00	17.88	150.0	H	216.0	8.2
12664.925000	49.50	---	74.00	24.50	150.0	H	192.0	15.0
12664.925000	---	42.08	54.00	11.92	150.0	H	192.0	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: Portable Power Station  
 Model: Andes 1500  
 Test Mode: WIFI 2.4G\_11n40\_Ch6  
 Order No/Sample No: 168474698/A003723392-006  
 Test Voltage: Battery  
 Remark: Temp 22 Humi:52%  
 Test Standard: FCC 15.247  
 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)
7309.200000	---	34.13	54.00	19.87	150.0	V	25.0	8.2
7313.133333	43.61	---	74.00	30.39	150.0	V	251.0	8.2
12129.500000	---	40.33	54.00	13.67	150.0	V	107.0	14.3
12173.258333	48.95	---	74.00	25.05	150.0	V	167.0	14.5

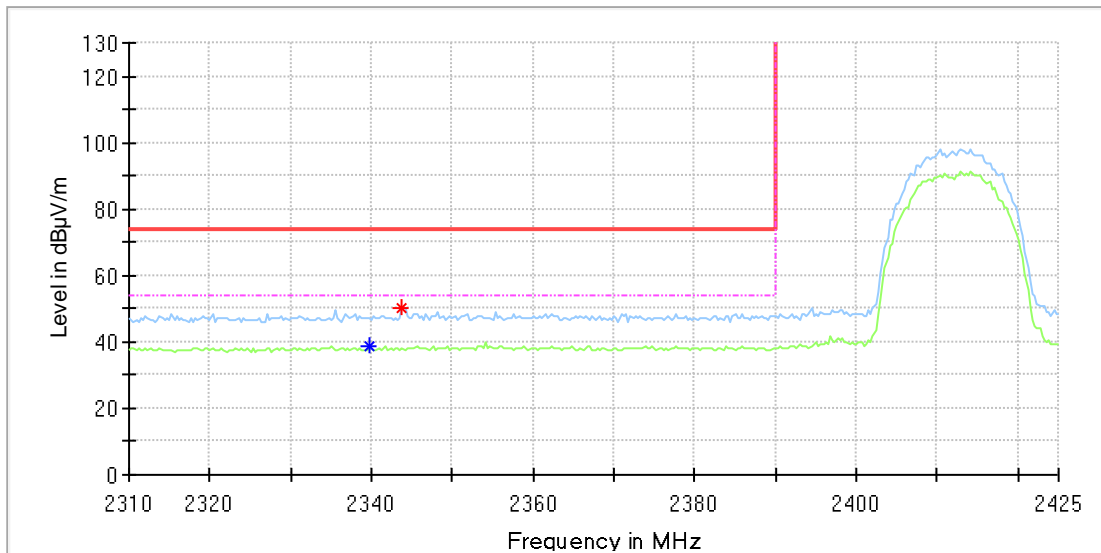
### Final Result

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

### Appendix A.6: Test Results of Radiated Emissions in Restricted Bands, 2.4GHz Wi-Fi

#### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
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)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2339.705882	---	38.80	54.00	15.20	150.0	H	359.0	6.8
2343.823529	50.02	---	74.00	23.98	150.0	H	330.0	6.9

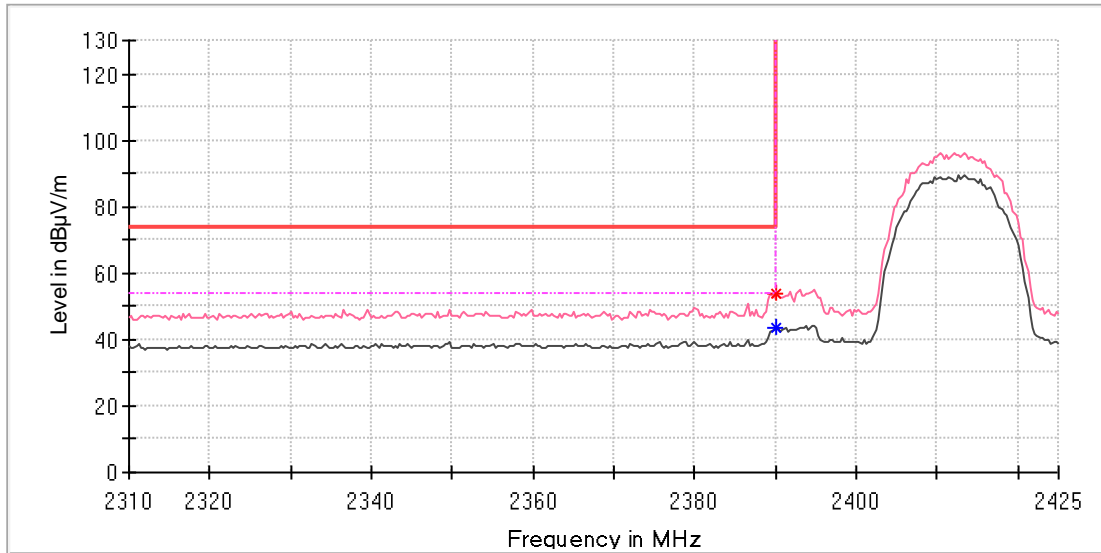
#### Final Result

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



### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

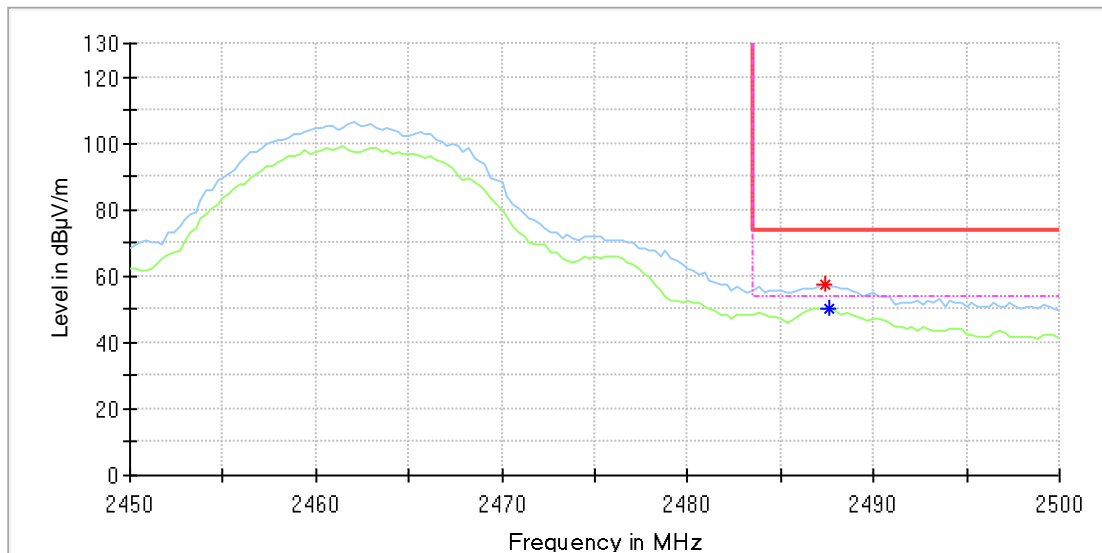
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	54.01	---	74.00	19.99	150.0	V	271.0	7.0
2390.000000	---	43.30	54.00	10.70	150.0	V	271.0	7.0

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

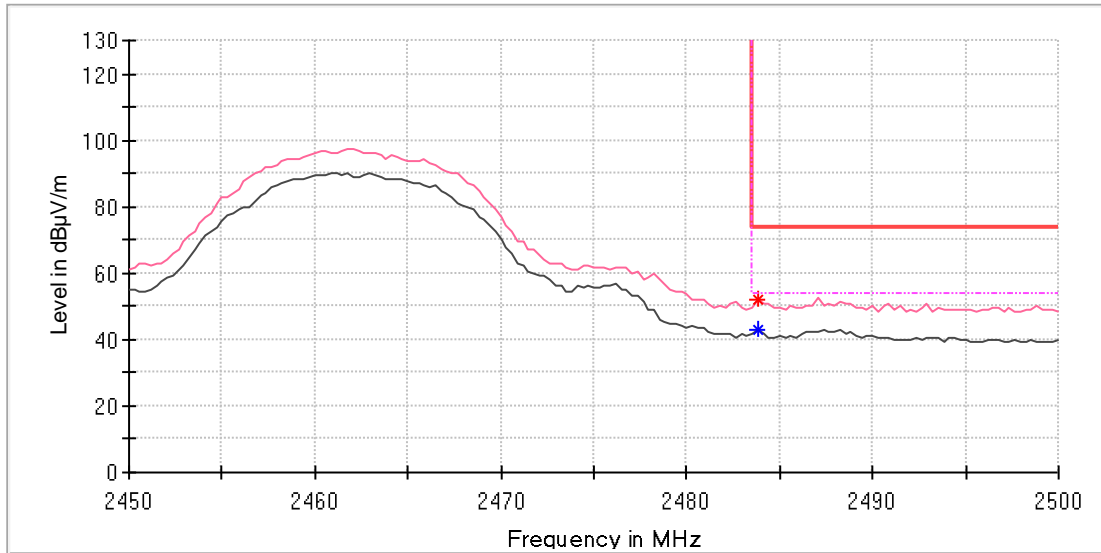
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.352941	57.38	---	74.00	16.62	150.0	H	333.0	7.4
2487.647059	---	50.43	54.00	3.57	150.0	H	319.0	7.4

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

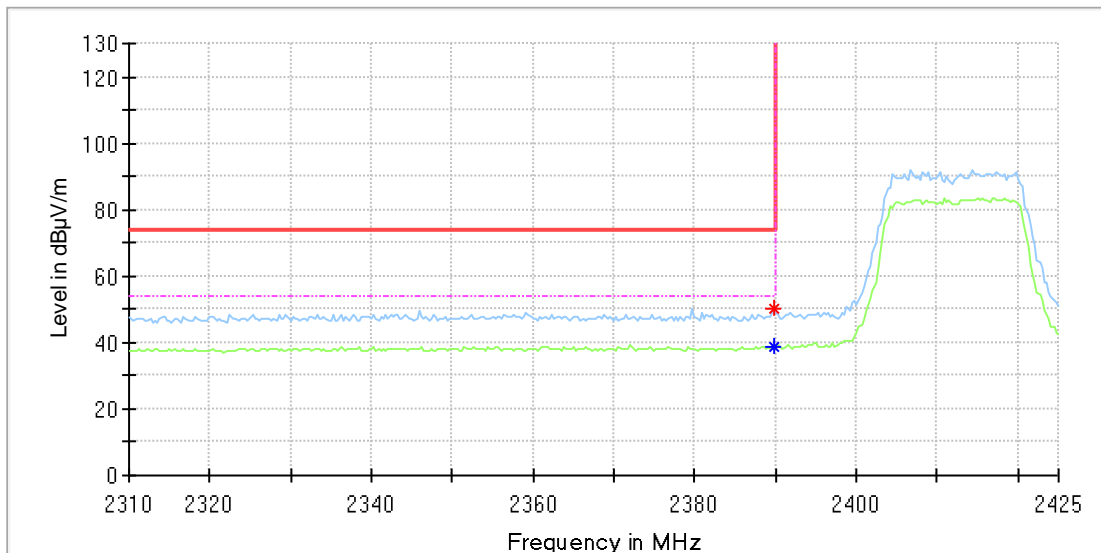
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	42.78	54.00	11.22	150.0	V	333.0	7.4
2483.823529	51.79	---	74.00	22.21	150.0	V	333.0	7.4

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

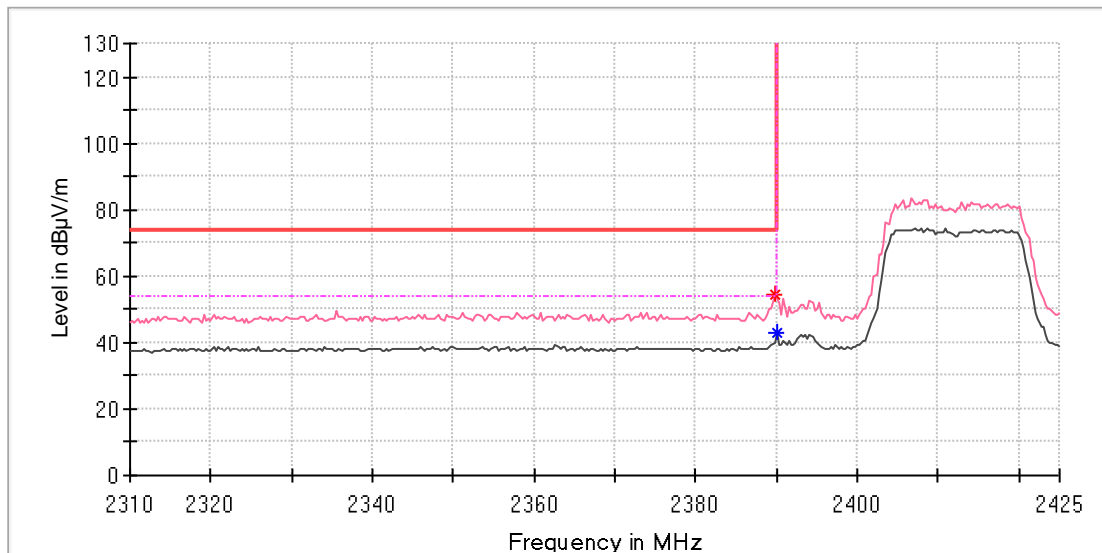
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	---	38.93	54.00	15.07	150.0	H	195.0	7.0
2389.705882	50.01	---	74.00	23.99	150.0	H	195.0	7.0

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

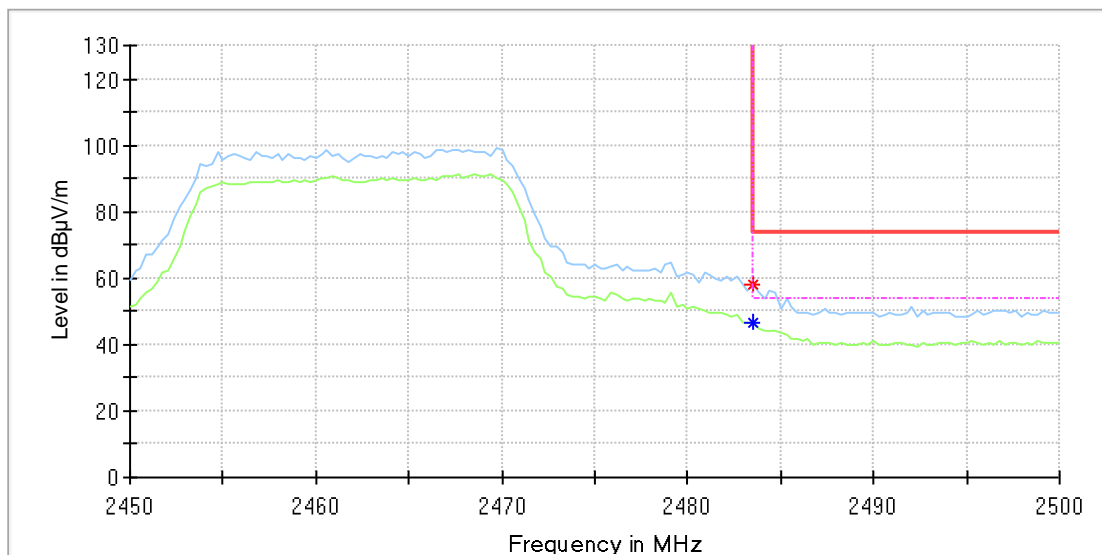
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	54.24	---	74.00	19.76	150.0	V	133.0	7.0
2390.000000	---	42.93	54.00	11.07	150.0	V	268.0	7.0

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

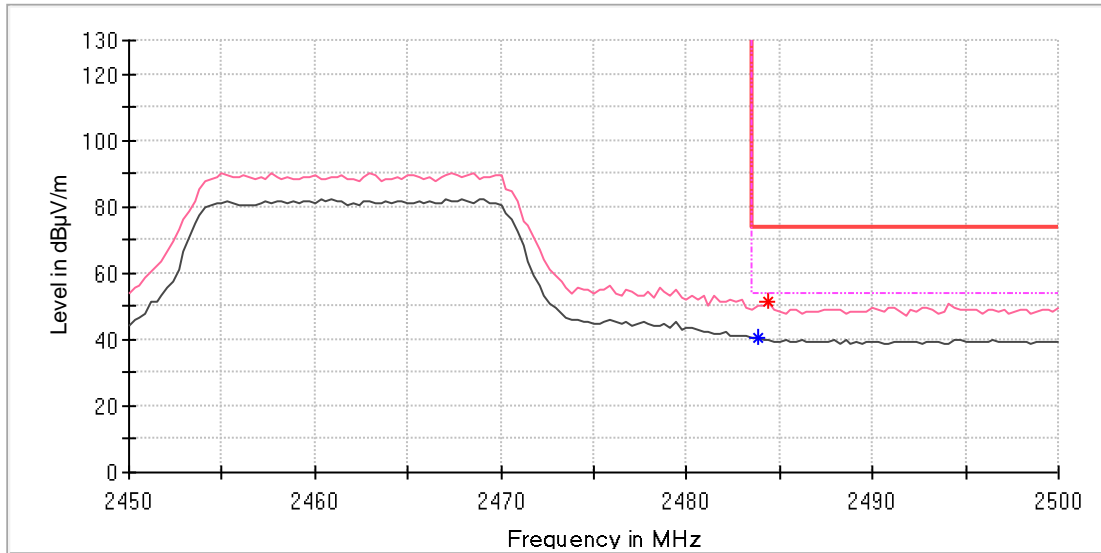
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	57.96	---	74.00	16.04	150.0	H	312.0	7.4
2483.529412	---	46.32	54.00	7.68	150.0	H	312.0	7.4

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

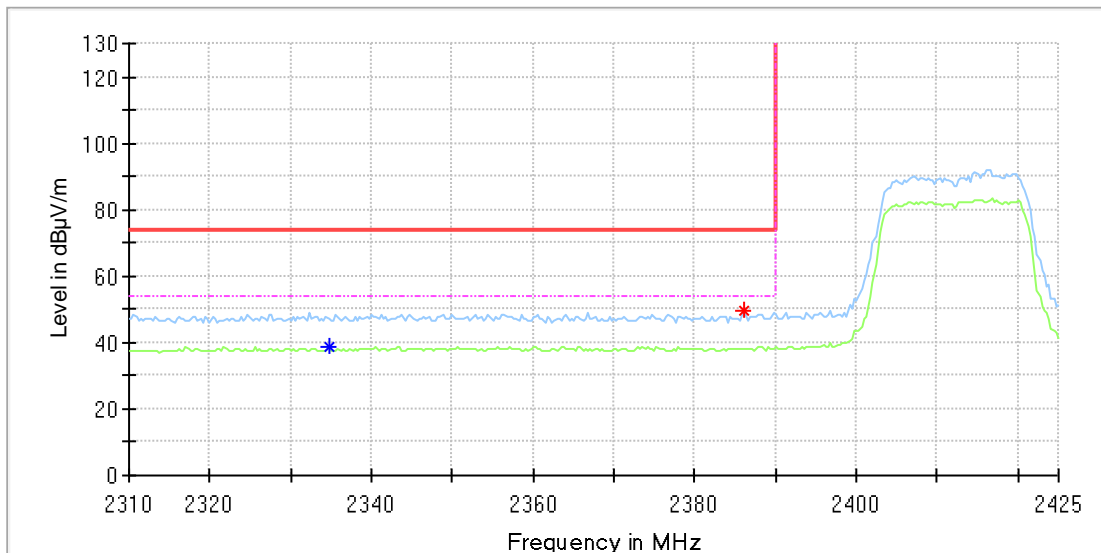
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	40.23	54.00	13.77	150.0	V	350.0	7.4
2484.411765	51.31	---	74.00	22.69	150.0	V	350.0	7.4

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
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)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2334.705882	---	38.91	54.00	15.09	150.0	H	127.0	6.8
2386.176471	49.39	---	74.00	24.61	150.0	H	89.0	7.0

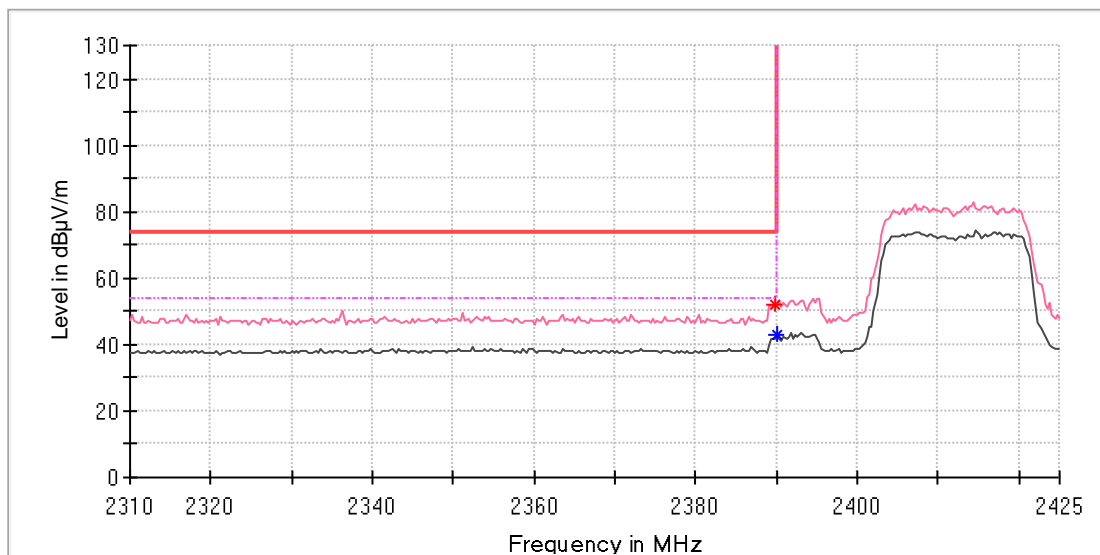
### Final\_Result

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



### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

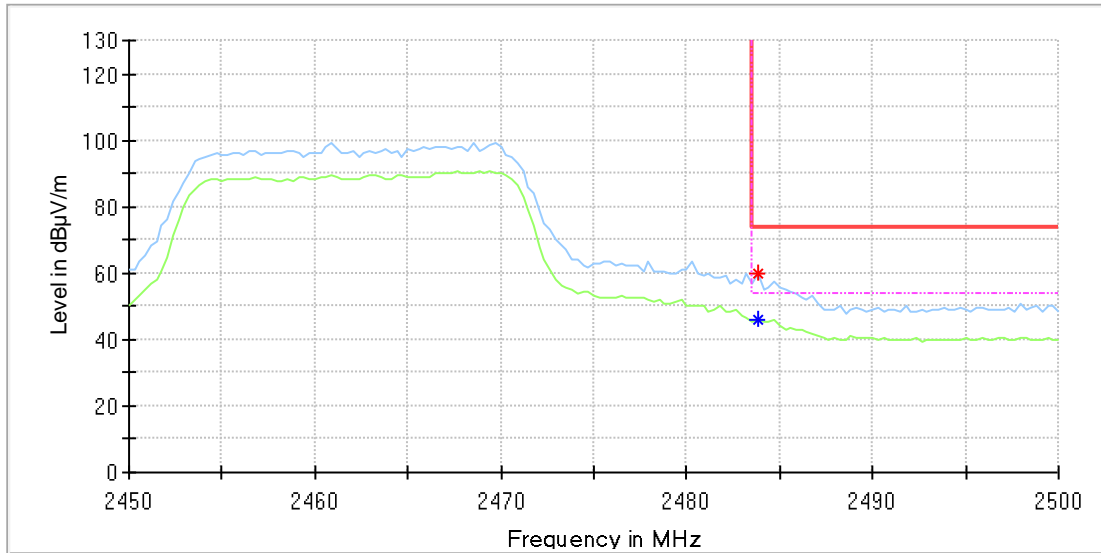
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	52.04	---	74.00	21.96	150.0	V	260.0	7.0
2390.000000	---	42.70	54.00	11.30	150.0	V	260.0	7.0

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

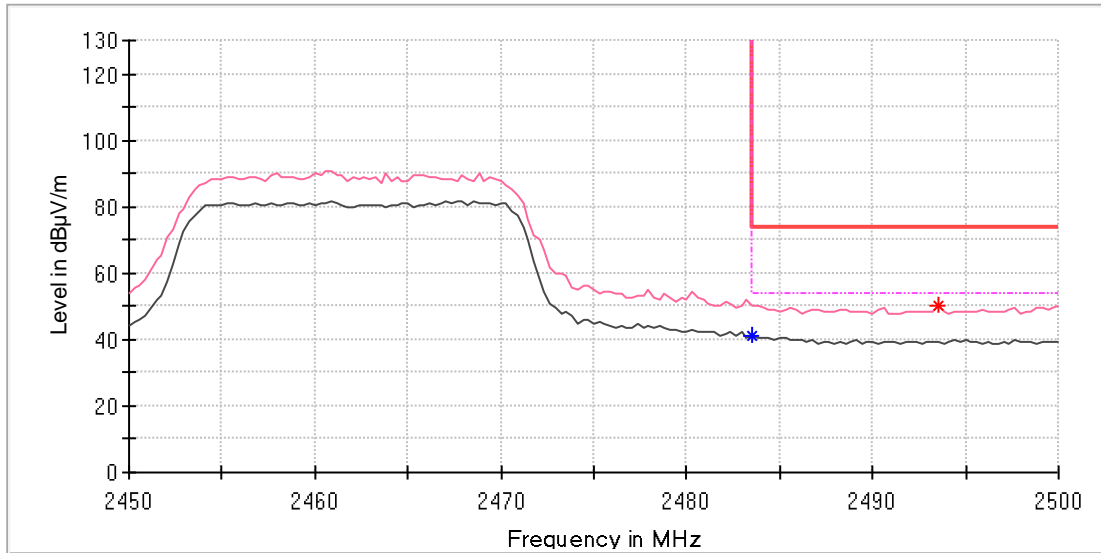
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	46.04	54.00	7.96	150.0	H	334.0	7.4
2483.823529	59.70	---	74.00	14.30	150.0	H	334.0	7.4

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

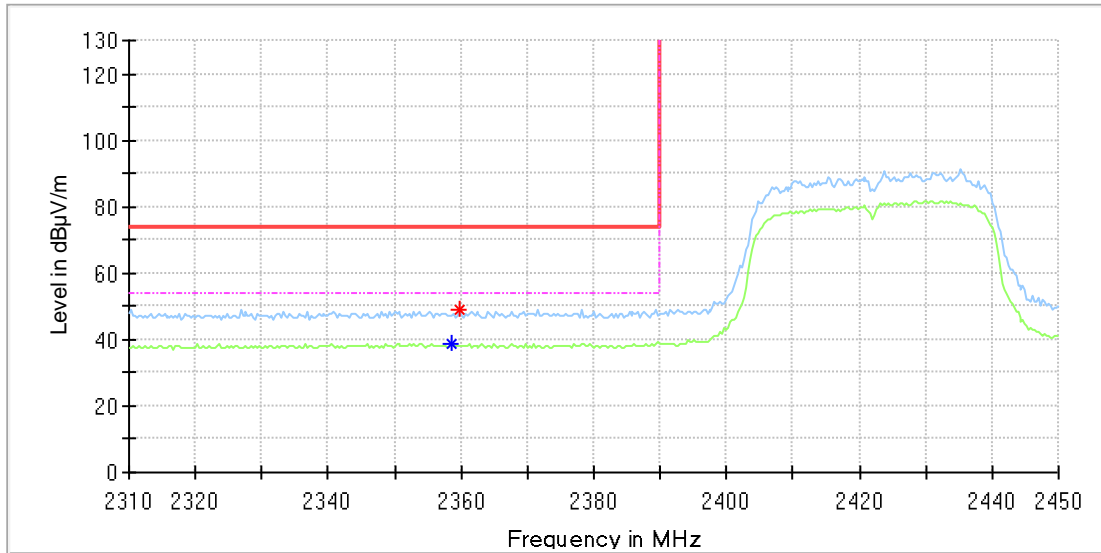
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	40.93	54.00	13.07	150.0	V	2.0	7.4
2493.529412	50.26	---	74.00	23.74	150.0	V	13.0	7.4

### Final\_Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

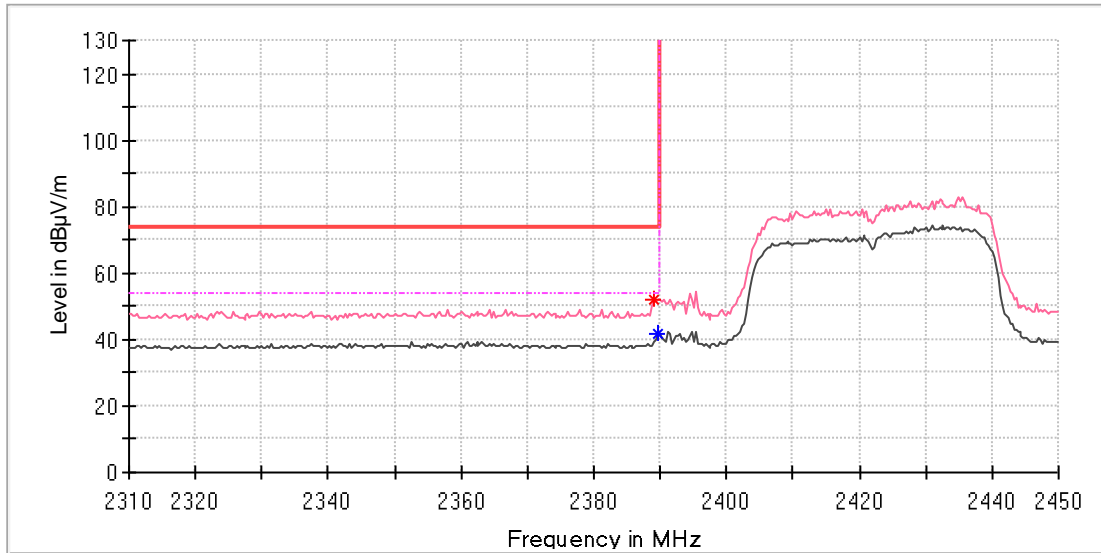
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2358.529412	---	38.48	54.00	15.52	150.0	H	168.0	6.9
2359.705882	49.11	---	74.00	24.89	150.0	H	138.0	6.9

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

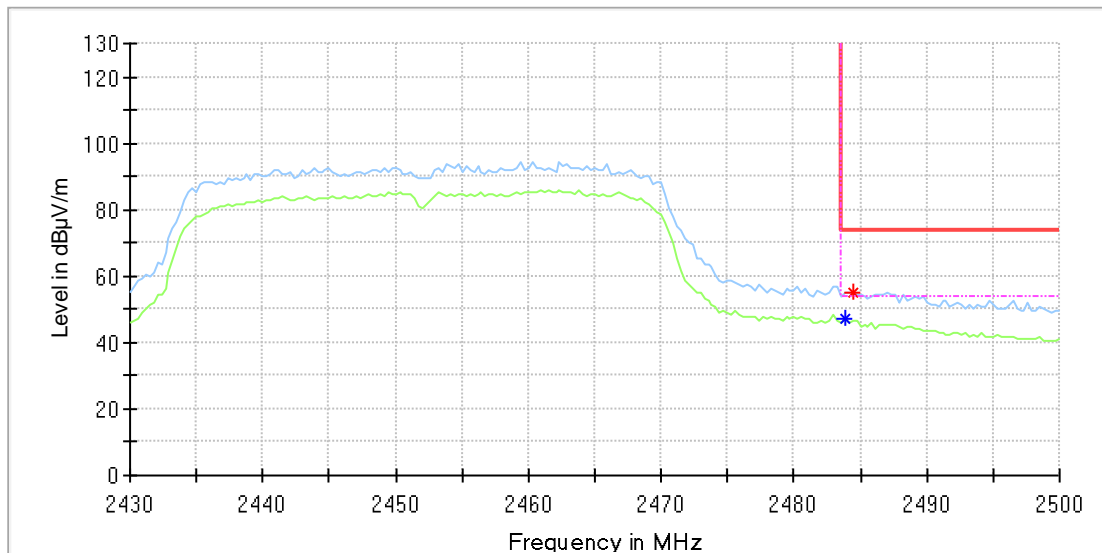
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	51.99	---	74.00	22.01	150.0	V	251.0	7.0
2389.705882	---	41.81	54.00	12.19	150.0	V	251.0	7.0

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

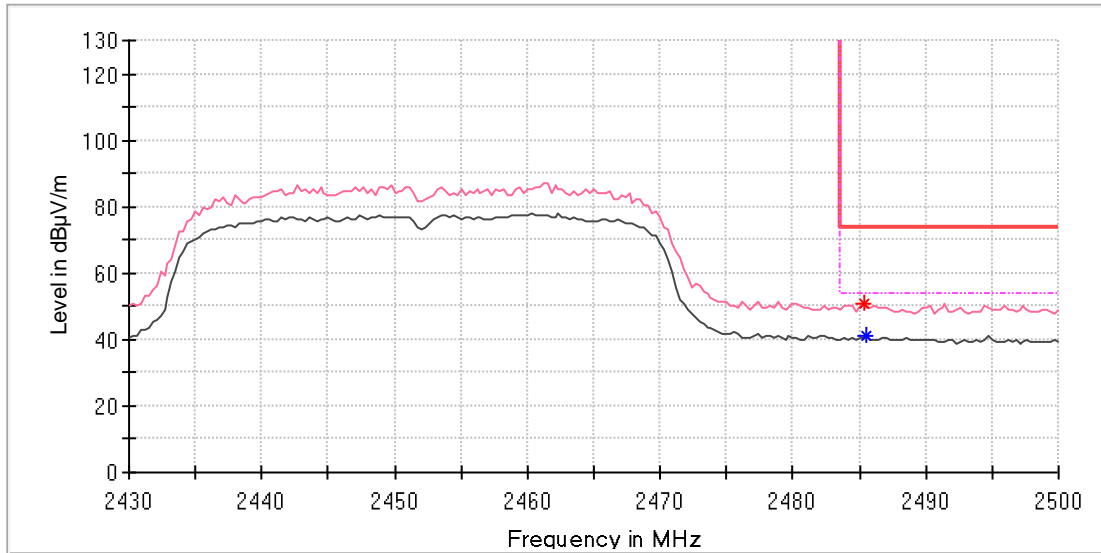
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	46.92	54.00	7.08	150.0	H	315.0	7.4
2484.411765	55.11	---	74.00	18.89	150.0	H	330.0	7.4

### Final Result

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

### EUT Information

EUT Name:	Portable Power Station
Model:	Andes 1500
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
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)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.294118	50.63	---	74.00	23.37	150.0	V	328.0	7.4
2485.588235	---	41.04	54.00	12.96	150.0	V	355.0	7.4

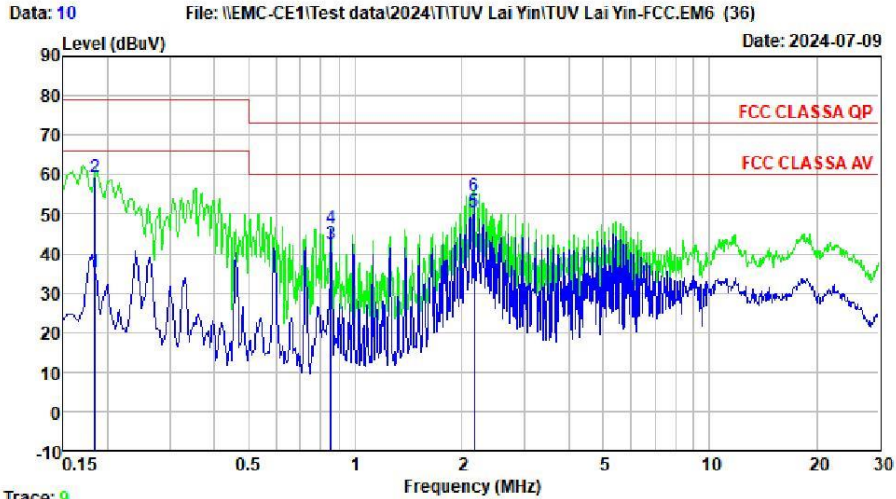
### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### Appendix A.7: Test Results of Conducted Emission on AC Mains

EST Technology

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Houjie, Dongguan, Guangdong, China.  
Tel:+86-769-83081888  
Fax:+86-769-83081878



Trace: 9  
Site no : 14CE Shield Room Data no. : 10  
Env. / Ins. : Temp:24.2°C;Humi:53%;Press:101.1kPa LINE Phase : NEUTRAL  
Limit : FCC CLASS A QP  
Engineer : Wind  
EUT : Portable Power Station  
Power : AC 120V/60Hz  
M/N : Andes 1500  
Test Mode : Full Load(Output:C1:20V/5A+C2:20V/5A  
+A1:5V/3A+A2:5V/3A+A3:5V/3A+A4:5V/3A  
+AC:1000W+Car socket:12.6V/4.75A  
+DC 5521:12.6V/4.75A+Light)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.18	10.41	10.27	14.67	35.35	66.00	30.65	Average
2	0.18	10.41	10.27	38.68	59.36	79.00	19.64	QP
3	0.85	10.24	10.43	21.84	42.51	60.00	17.49	Average
4	0.85	10.24	10.43	25.85	46.52	73.00	26.48	QP
5	2.17	10.17	10.46	30.01	50.64	60.00	9.36	Average
6	2.17	10.17	10.46	34.06	54.69	73.00	18.31	QP

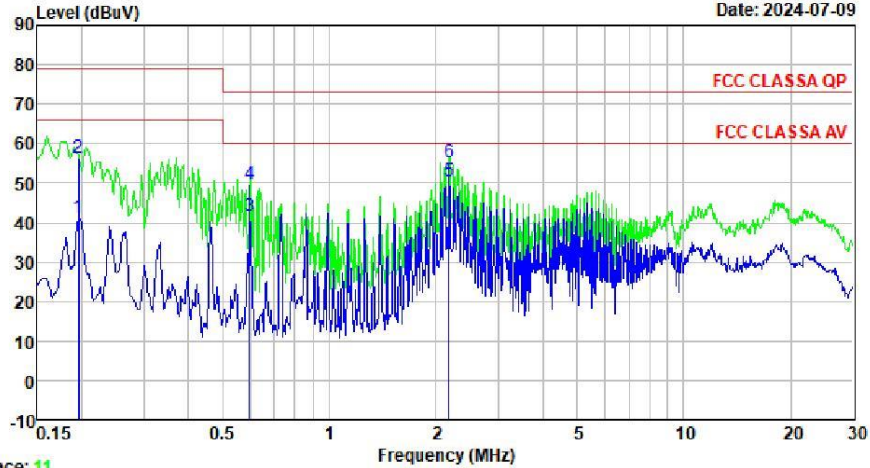
Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.  
2. Margin= Limit - Emission Level.  
3. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



EST Technology

Chilingxiang, Qishantou, Santun,  
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Fax: +86-769-83081878

Data: 12 File: \\EMC-CE1\Test data\2024\TITUV Lai Yin\TUV Lai Yin-FCC.EM6 (36) Date: 2024-07-09



Trace: 11  
 Site no : 1#CE Shield Room Data no. : 12  
 Env. / Ins. : Temp:24.2°C;Humid:53%;Press:101.1kPa LINE Phase : LINE  
 Limit : FCC CLASSA QP  
 Engineer : Wind  
 EUT : Portable Power Station  
 Power : AC 120V/60Hz  
 M/N : Andes 1500  
 Test Mode : Full Load(Output:C1:20V/5A+C2:20V/5A  
 +A1:5V/3A+A2:5V/3A+A3:5V/3A+A4:5V/3A  
 +AC:1000W+Car socket:12.6V/4.75A  
 +DC 5521:12.6V/4.75A+Light)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.20	10.41	10.27	20.78	41.46	66.00	24.54	Average
2	0.20	10.41	10.27	35.76	56.44	79.00	22.56	QP
3	0.59	10.18	10.42	21.07	41.67	60.00	18.33	Average
4	0.59	10.18	10.42	29.05	49.65	73.00	23.35	QP
5	2.18	10.17	10.46	29.78	50.41	60.00	9.59	Average
6	2.18	10.17	10.46	34.75	55.38	73.00	17.62	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.  
 2. Margin= Limit - Emission Level.  
 3. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.