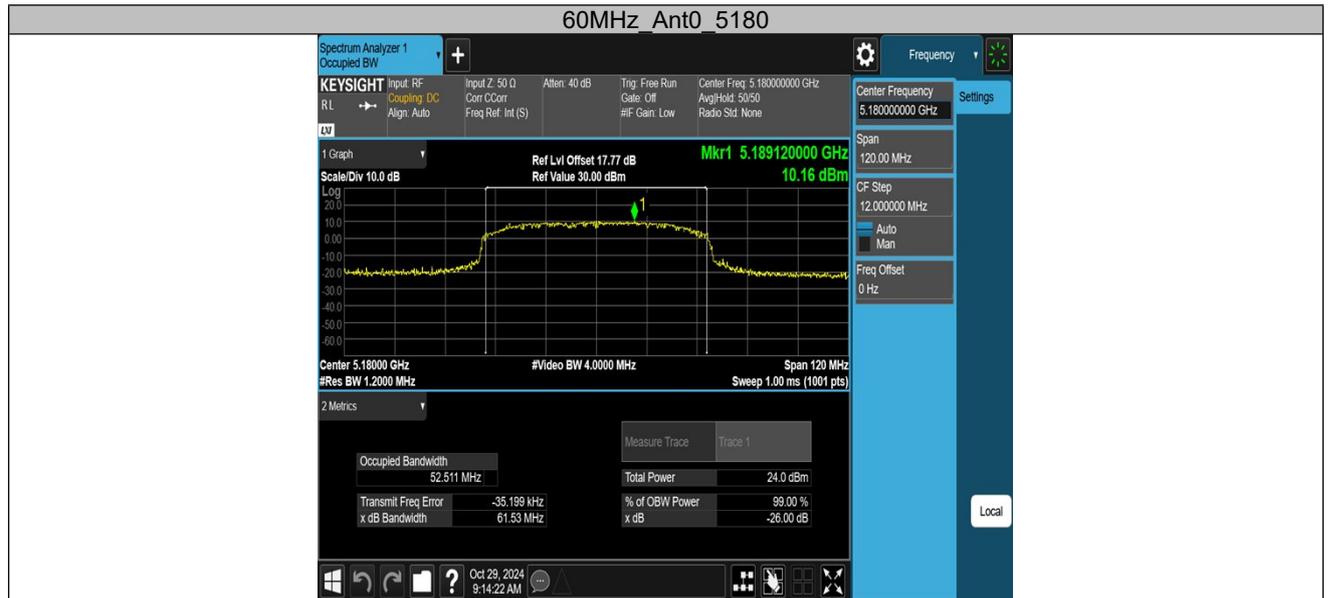


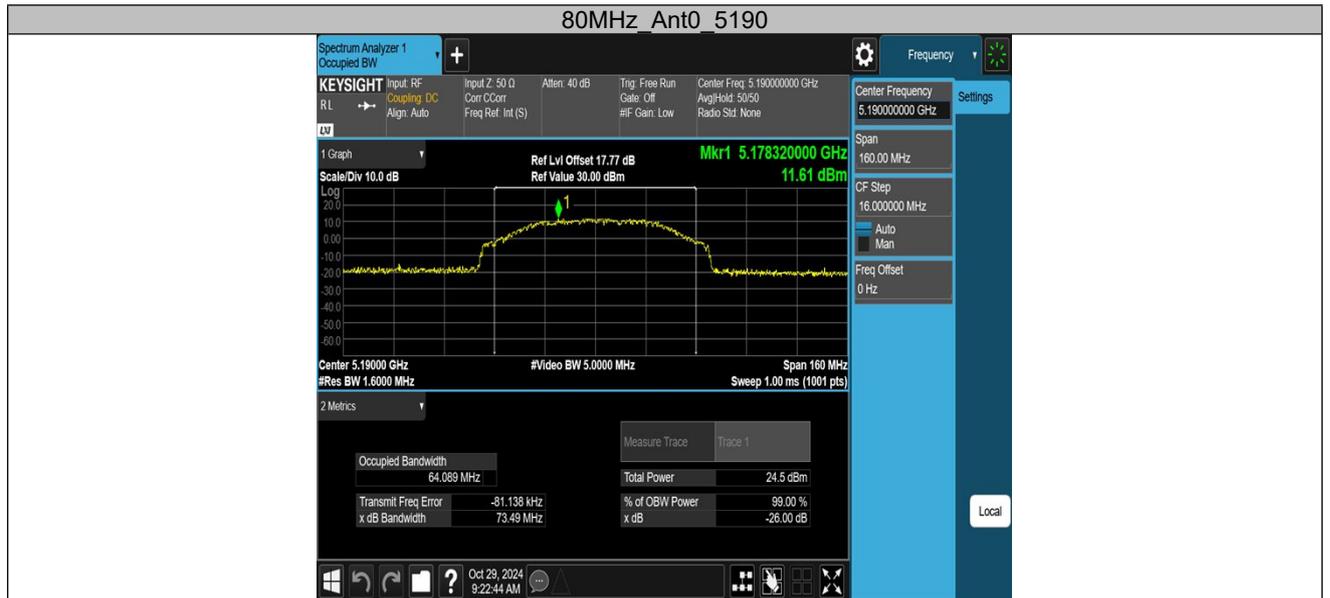
**5.2GHz SDR, 60MHz BW**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60MHz	Ant0	5180	52.511	5153.7093	5206.2203	---	PASS
		5200	52.687	5173.7328	5226.4198	---	PASS
		5220	52.528	5193.6087	5246.1367	---	PASS



**5.2GHz SDR, 80MHz BW**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80MHz	Ant0	5190	64.089	5157.8744	5221.9634	---	PASS
		5200	64.242	5167.7000	5231.9420	---	PASS
		5210	64.046	5178.0844	5242.1304	---	PASS



## Appendix A.5: Test Results of Radiated Spurious Emissions

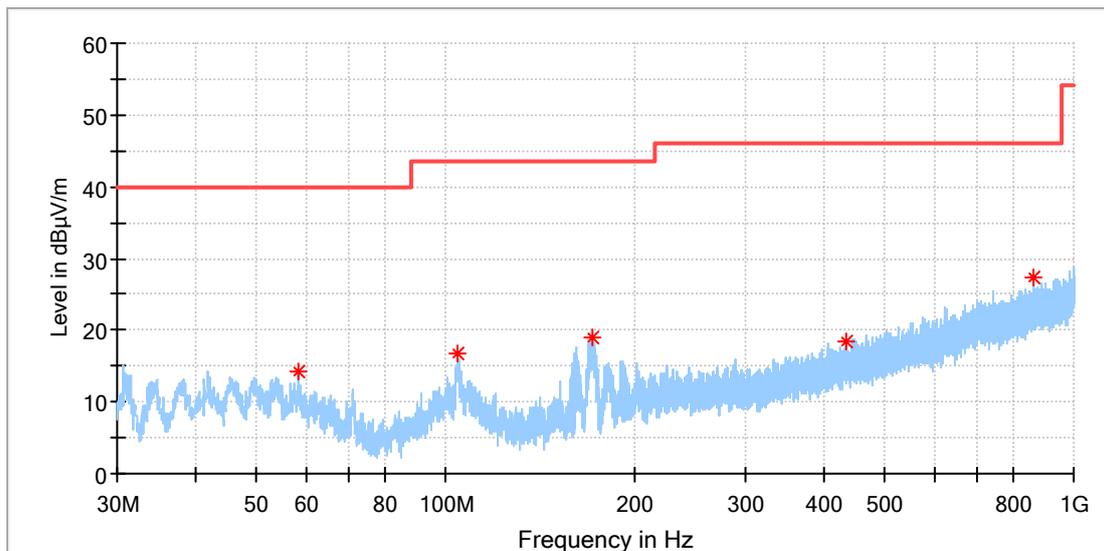
Note:

- 1) This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+ANT3) was presented in this report.
- 2) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 3) 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.

### 30MHz - 1GHz (Worst case)

## EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

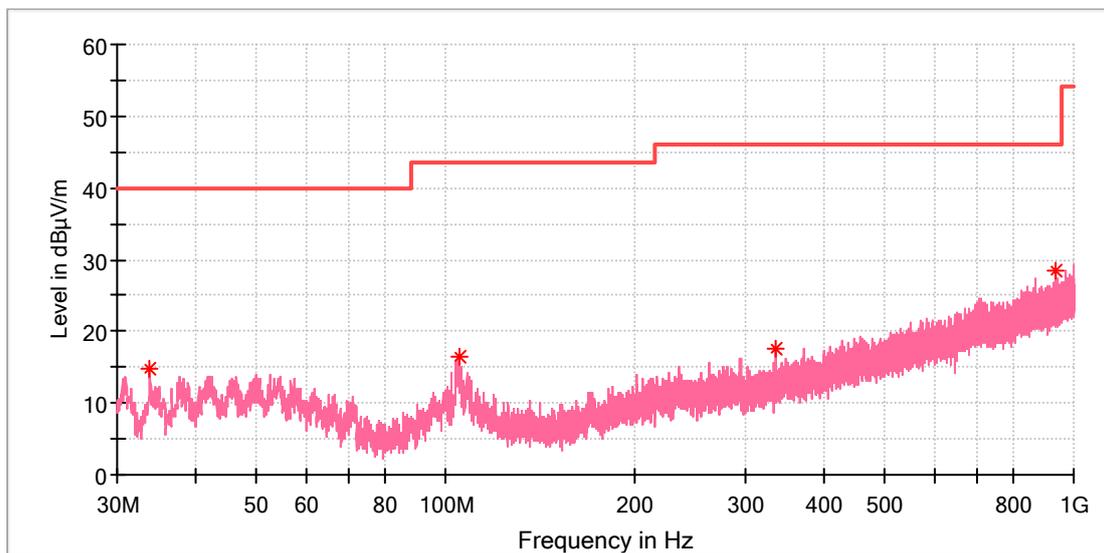
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.428462	14.18	40.00	25.82	100.0	H	17.0	-18.9
104.242308	16.78	43.50	26.72	100.0	H	289.0	-18.9
170.724615	18.97	43.50	24.53	100.0	H	282.0	-21.3
433.818462	18.34	46.00	27.66	100.0	H	298.0	-13.1
864.573077	27.40	46.00	18.60	100.0	H	17.0	-5.2

## Final Result

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

## EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
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)
33.842692	14.66	40.00	25.34	100.0	V	197.0	-22.4
105.324231	16.55	43.50	26.95	100.0	V	104.0	-18.9
335.139615	17.50	46.00	28.50	100.0	V	328.0	-15.2
936.987308	28.52	46.00	17.48	100.0	V	353.0	-4.4

## Final Result

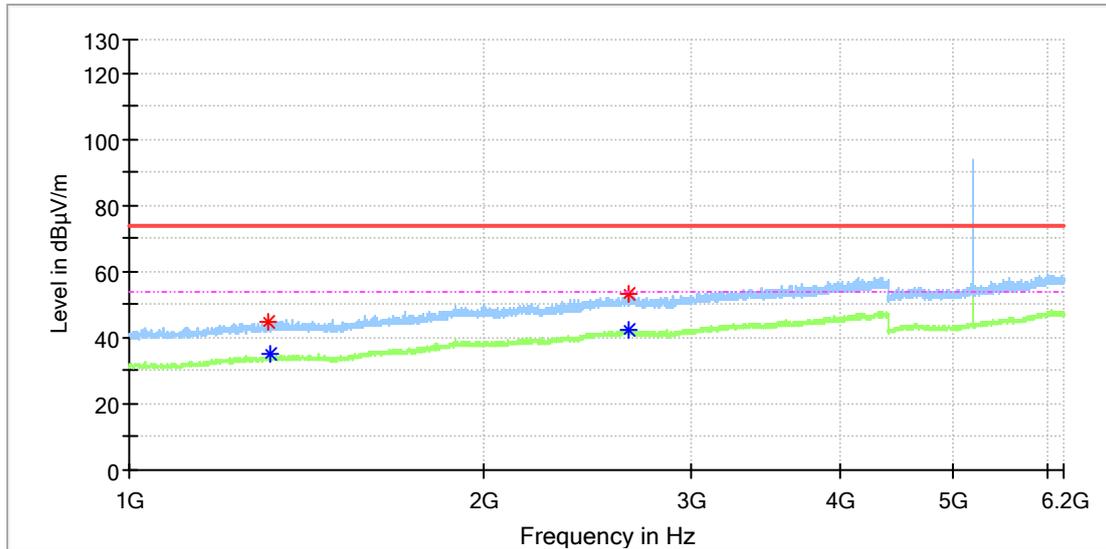
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

**1GHz - 18GHz**

Note: The highest waveform in the figure is 5.2GHz SDR Fundamental.

**EUT Information**

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_1.4M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



**Critical\_Freqs**

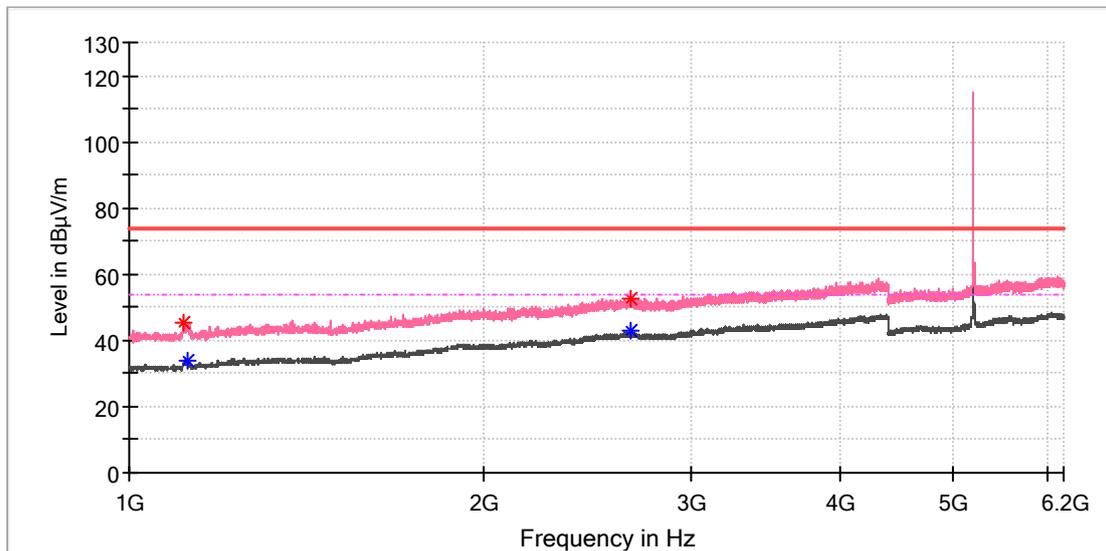
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1310.000000	44.65	---	74.00	29.35	150.0	H	45.0	2.8
1316.000000	---	34.80	54.00	19.20	150.0	H	82.0	2.9
2650.000000	53.31	---	74.00	20.69	150.0	H	98.0	10.1
2654.500000	---	42.27	54.00	11.73	150.0	H	279.0	10.2

**Final\_Result**

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_1.4M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

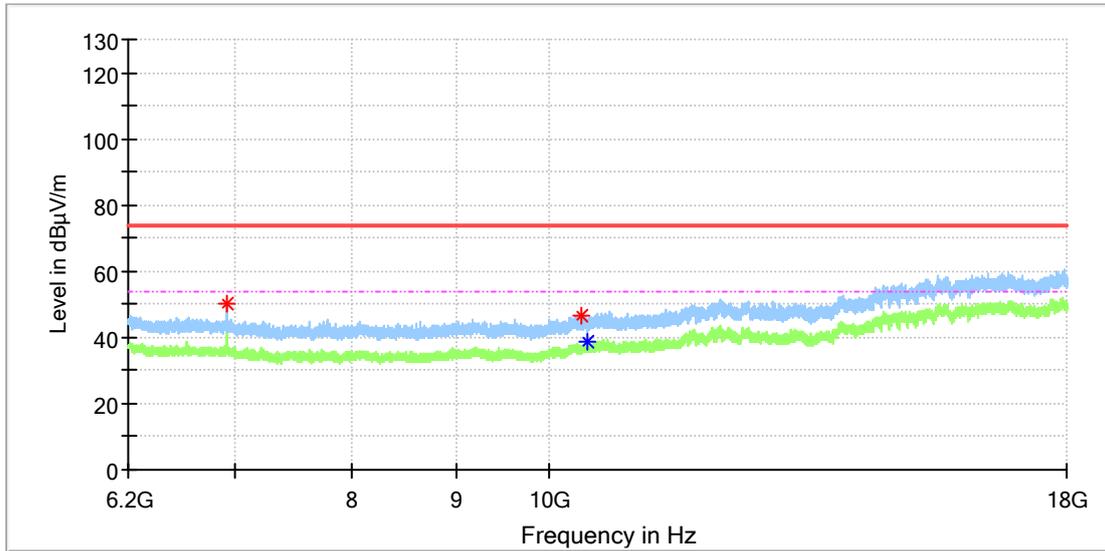
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1113.000000	45.54	---	74.00	28.46	150.0	V	273.0	0.7
1121.500000	---	34.10	54.00	19.90	150.0	V	261.0	0.9
2661.500000	---	42.69	54.00	11.31	150.0	V	302.0	10.2
2662.000000	52.75	---	74.00	21.25	150.0	V	139.0	10.2

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_1.4M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

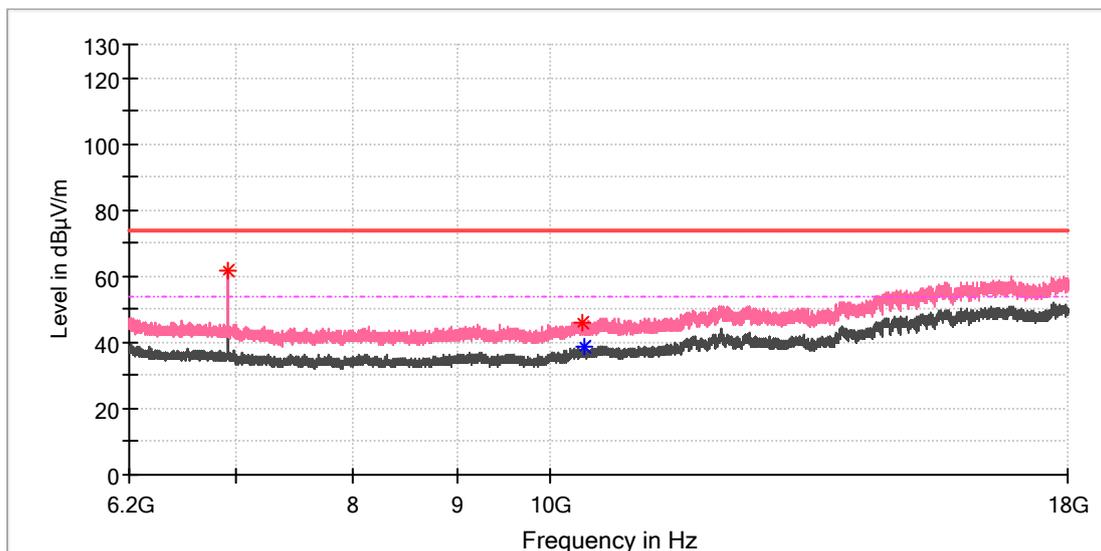
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	50.01	---	68.20	18.19	150.0	H	13.0	8.6
10375.725000	46.33	---	74.00	27.67	150.0	H	67.0	11.8
10437.675000	---	38.96	54.00	15.04	150.0	H	178.0	11.9

### Final Result

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

## EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_1.4M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

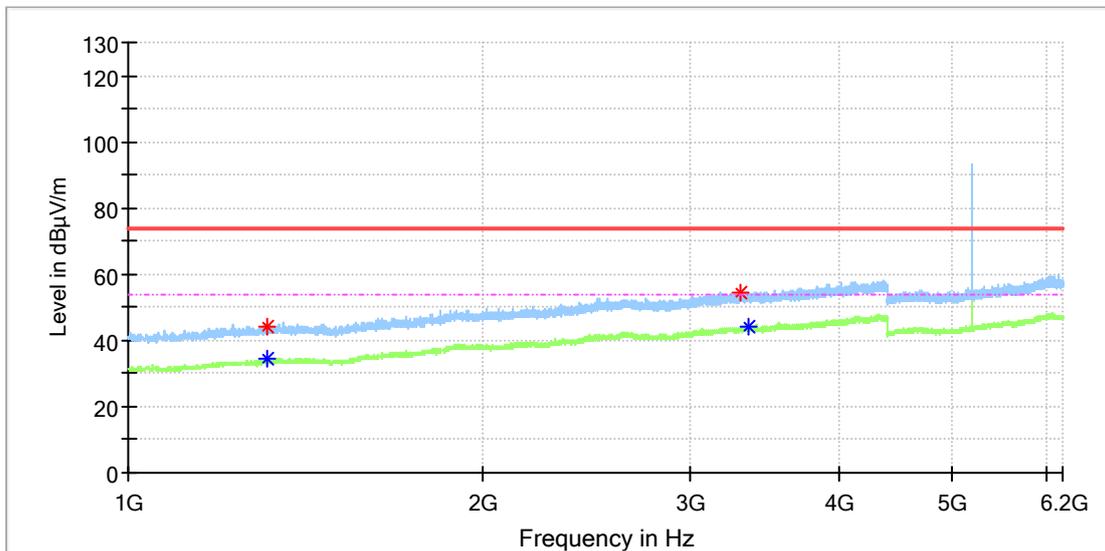
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	61.48	---	68.20	6.72	150.0	V	248.0	8.6
10380.150000	45.98	---	74.00	28.02	150.0	V	226.0	11.9
10394.408333	---	38.41	54.00	15.59	150.0	V	126.0	11.9

## Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_3M\_5199MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

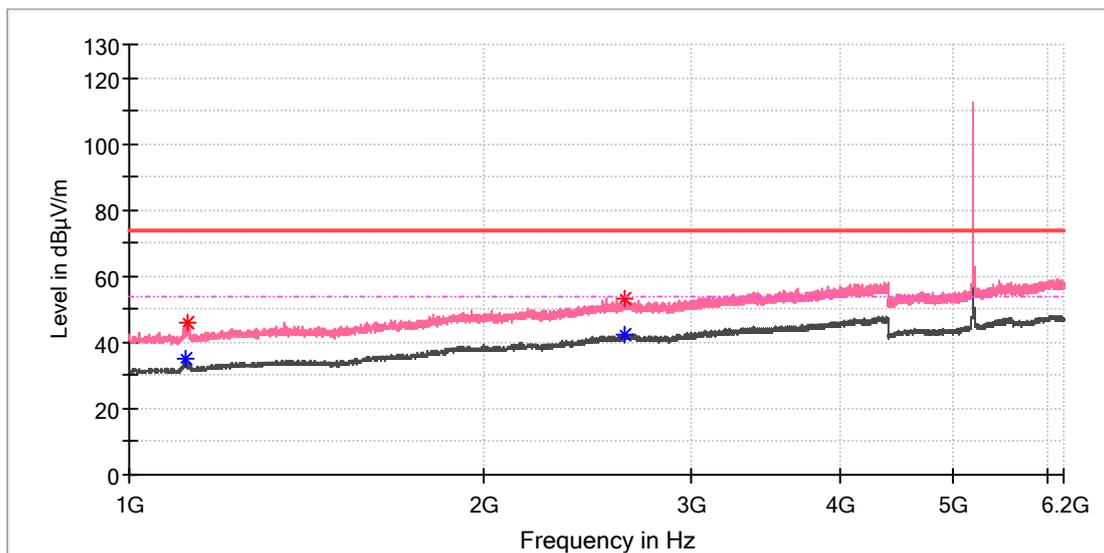
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1311.500000	---	34.31	54.00	19.69	150.0	H	177.0	2.8
1312.500000	44.40	---	74.00	29.60	150.0	H	206.0	2.8
3310.000000	54.60	---	74.00	19.40	150.0	H	78.0	10.9
3359.000000	---	44.32	54.00	9.68	150.0	H	10.0	11.0

### Final Result

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

## EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_3M\_5199MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

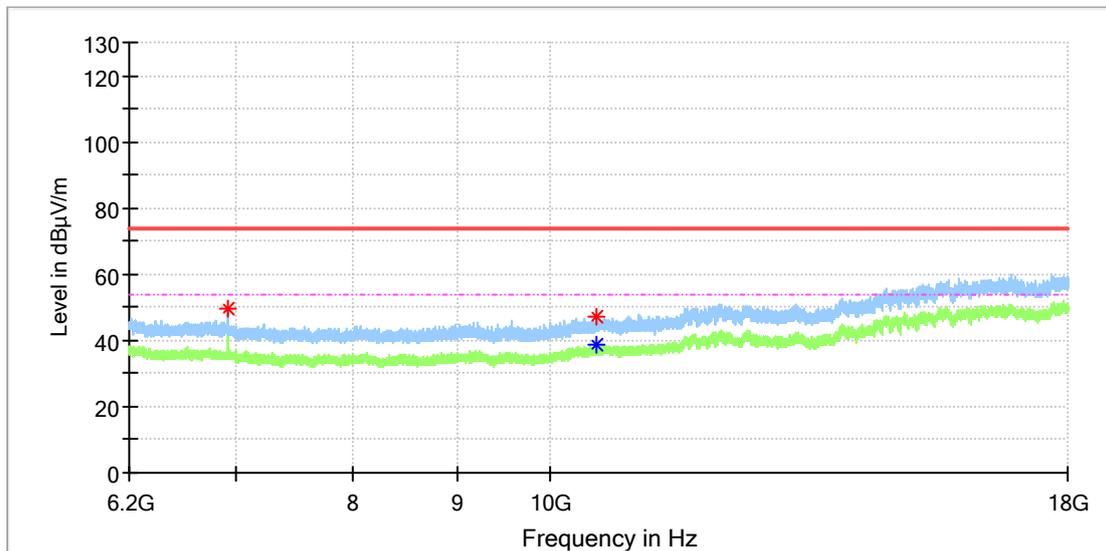
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	---	34.78	54.00	19.22	150.0	V	269.0	0.8
1121.000000	46.06	---	74.00	27.94	150.0	V	276.0	0.9
2632.500000	---	42.53	54.00	11.47	150.0	V	8.0	9.9
2634.500000	53.26	---	74.00	20.74	150.0	V	269.0	10.0

## Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_3M\_5199MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

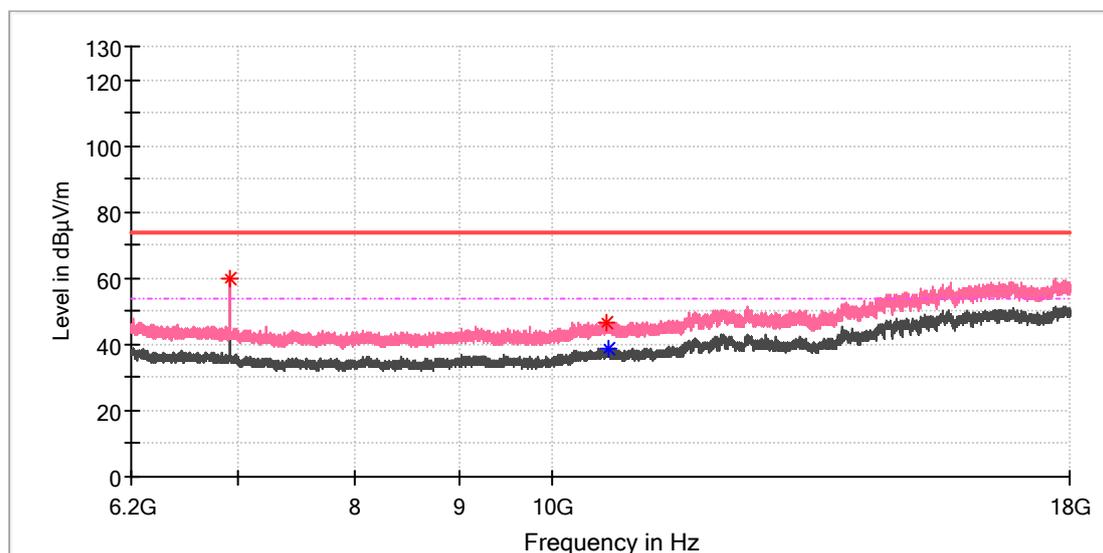
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6932.091667	49.74	---	68.20	18.46	150.0	H	19.0	8.6
10530.600000	---	38.62	54.00	15.38	150.0	H	193.0	12.0
10538.958333	47.05	---	74.00	26.95	150.0	H	1.0	12.0

### Final Result

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

## EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_3M_5199MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

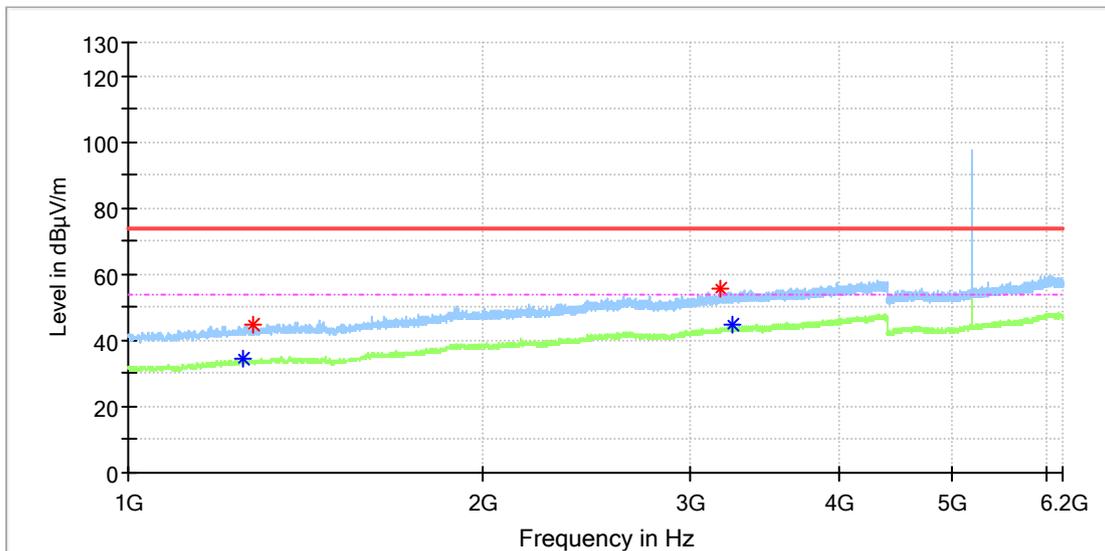
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6931.600000	59.93	---	68.20	8.27	150.0	V	241.0	8.6
10631.391667	46.77	---	74.00	27.23	150.0	V	0.0	12.0
10664.333333	---	38.82	54.00	15.18	150.0	V	264.0	11.9

## Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_5M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

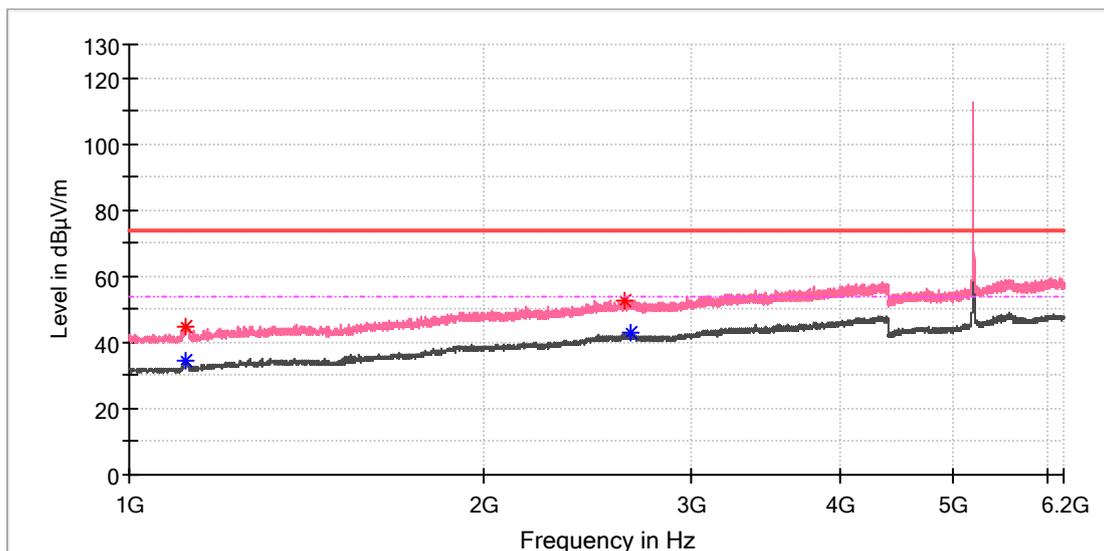
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1253.000000	---	34.45	54.00	19.55	150.0	H	12.0	2.6
1275.000000	44.45	---	74.00	29.55	150.0	H	52.0	2.7
3175.500000	55.88	---	74.00	18.12	150.0	H	17.0	10.7
3252.000000	---	44.60	54.00	9.40	150.0	H	28.0	10.8

### Final Result

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

## EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_5M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
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)
1116.000000	44.96	---	74.00	29.04	150.0	V	260.0	0.8
1116.500000	---	34.57	54.00	19.44	150.0	V	254.0	0.8
2628.500000	52.74	---	74.00	21.26	150.0	V	137.0	9.9
2659.500000	---	42.79	54.00	11.21	150.0	V	137.0	10.2

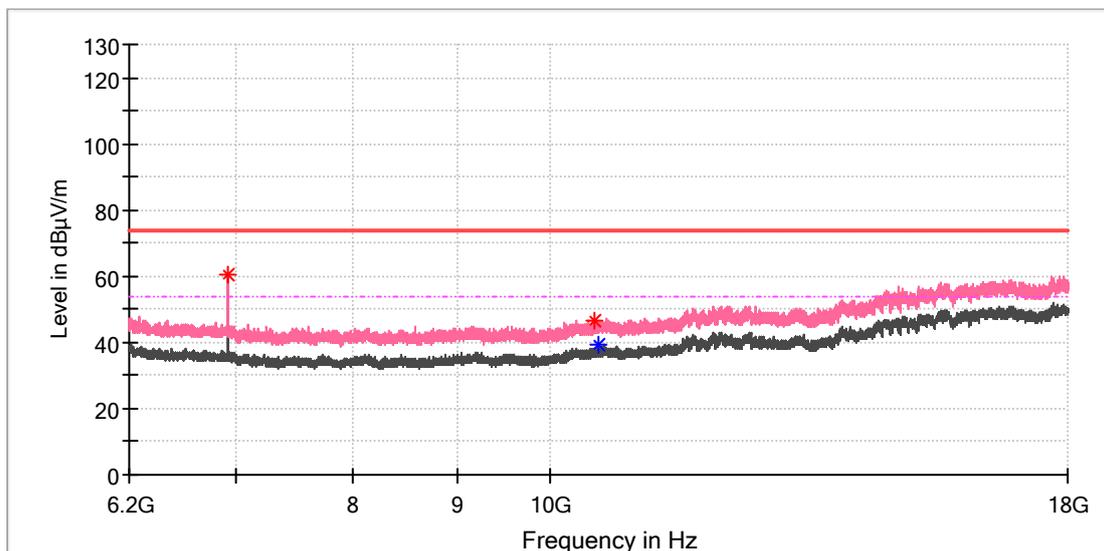
## Final Result

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



## EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_5M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

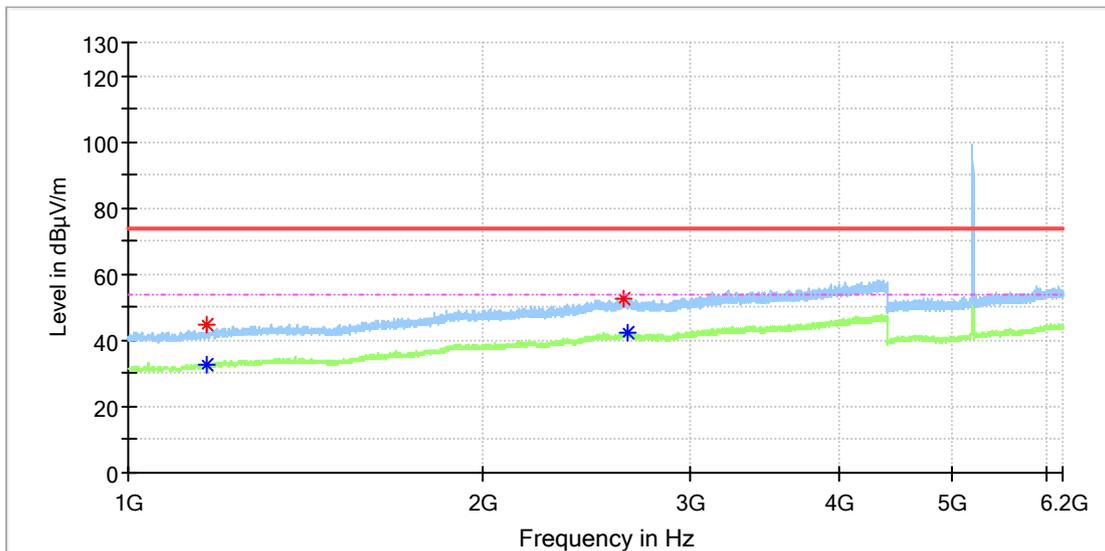
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	60.28	---	68.20	7.92	150.0	V	282.0	8.6
10527.158333	46.42	---	74.00	27.58	150.0	V	145.0	12.0
10565.016667	---	39.07	54.00	14.93	150.0	V	218.0	12.0

## Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_10M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

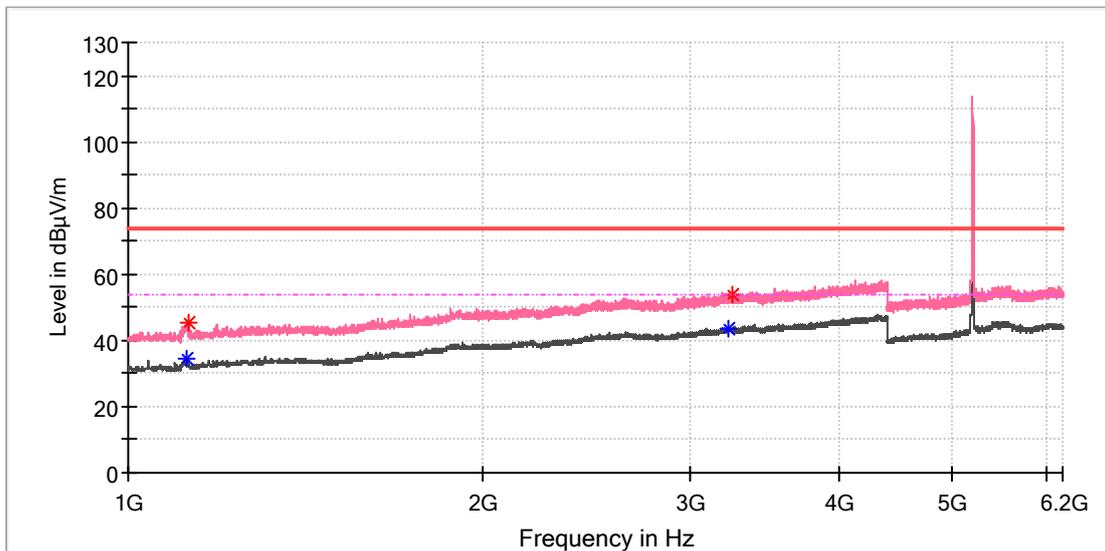
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1164.500000	44.47	---	74.00	29.53	150.0	H	344.0	1.5
1165.500000	---	32.71	54.00	21.29	150.0	H	278.0	1.5
2633.000000	52.32	---	74.00	21.68	150.0	H	344.0	9.9
2654.500000	---	42.53	54.00	11.47	150.0	H	313.0	10.2

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_10M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

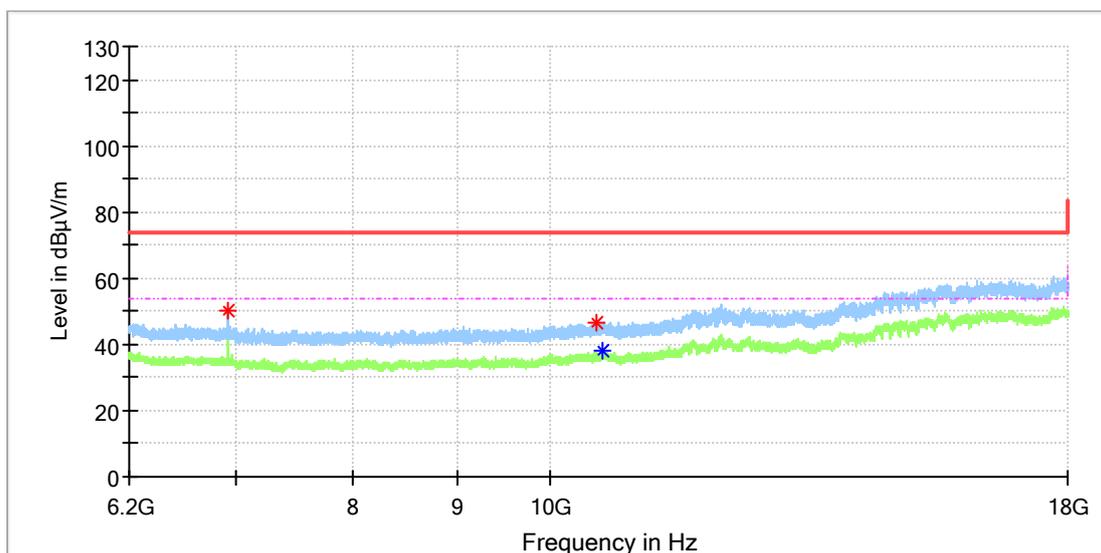
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1119.500000	---	34.50	54.00	19.50	150.0	V	297.0	0.8
1123.500000	45.17	---	74.00	28.83	150.0	V	270.0	0.9
3230.500000	---	43.80	54.00	10.20	150.0	V	194.0	10.8
3254.500000	54.05	---	74.00	19.95	150.0	V	200.0	10.8

### Final Result

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

## EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
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)
6933.075000	50.38	---	68.20	17.82	150.0	H	94.0	8.6
10535.025000	46.41	---	74.00	27.59	150.0	H	155.0	12.0
10622.541667	---	37.91	54.00	16.09	150.0	H	155.0	12.0

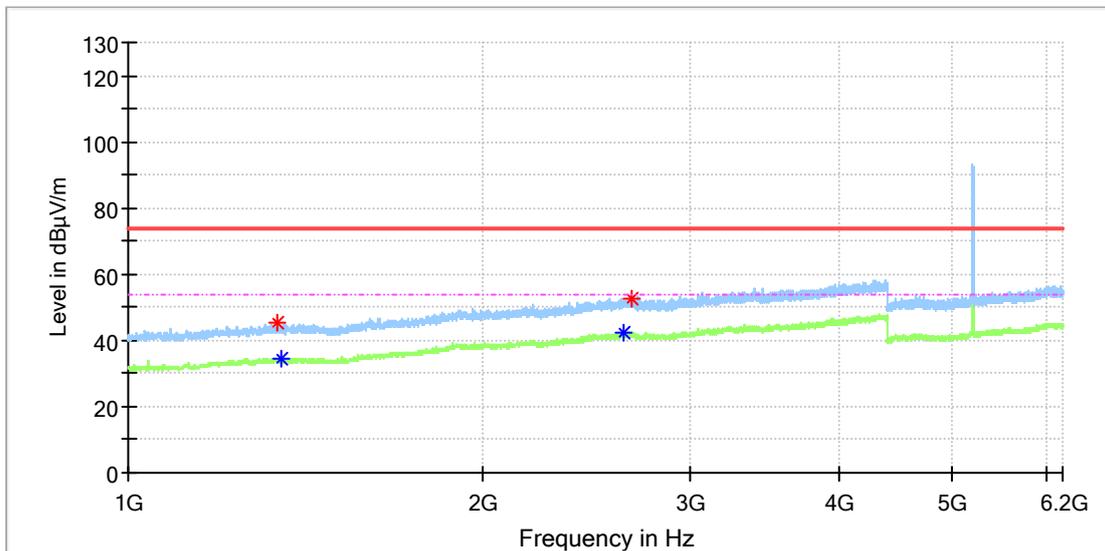
## Final Result

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



### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_20M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

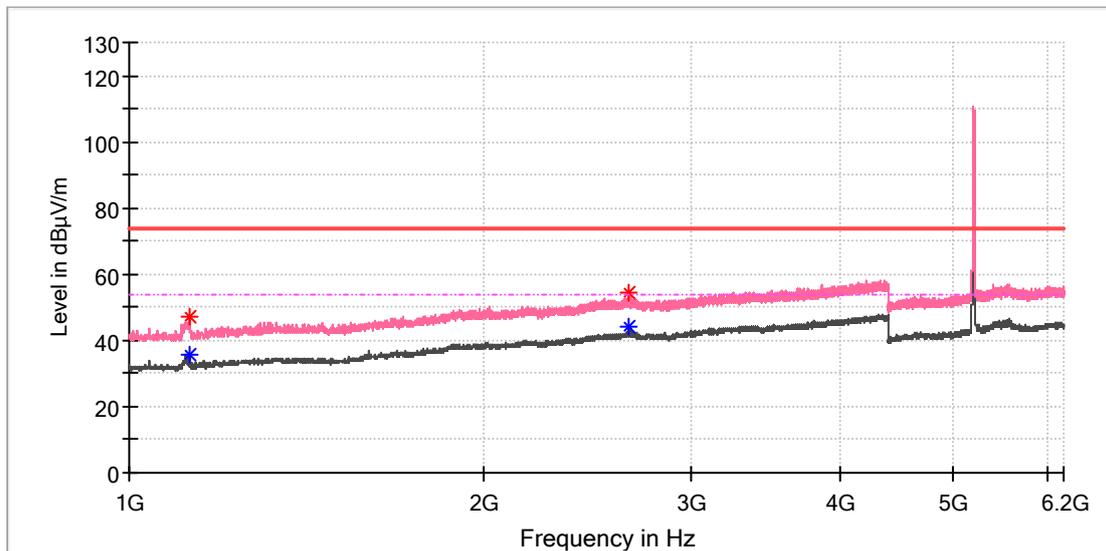
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1339.000000	45.12	---	74.00	28.88	150.0	H	165.0	3.0
1346.500000	---	34.60	54.00	19.40	150.0	H	12.0	3.1
2632.500000	---	42.48	54.00	11.52	150.0	H	272.0	9.9
2668.500000	52.67	---	74.00	21.33	150.0	H	202.0	10.2

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_20M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

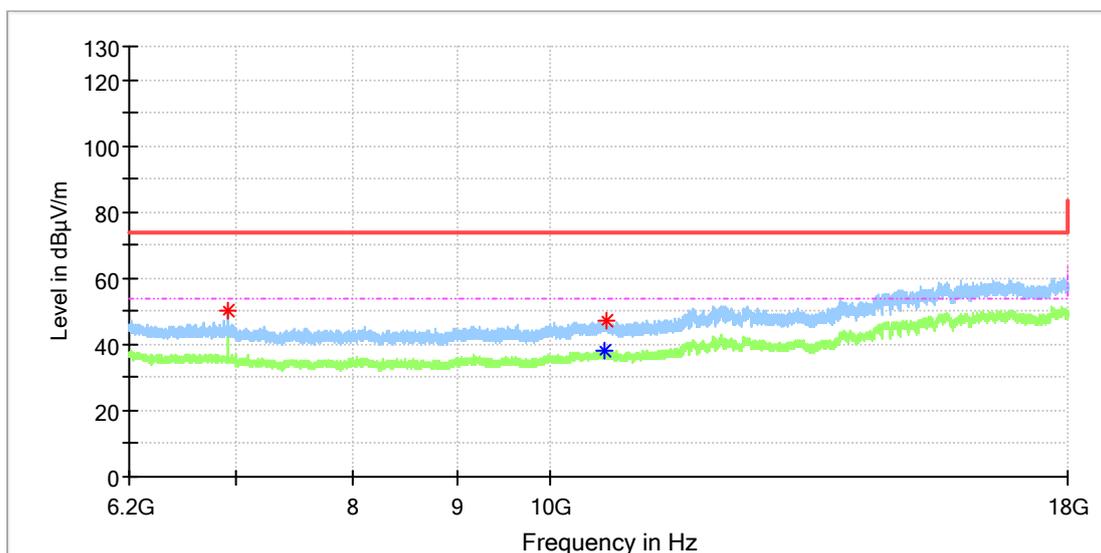
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1123.500000	47.28	---	74.00	26.72	150.0	V	271.0	0.9
1123.500000	---	35.78	54.00	18.22	150.0	V	271.0	0.9
2655.500000	54.37	---	74.00	19.63	150.0	V	184.0	10.2
2655.500000	---	44.26	54.00	9.74	150.0	V	184.0	10.2

### Final Result

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

## EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_20M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
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)
6933.075000	50.10	---	68.20	18.10	150.0	H	44.0	8.6
10631.391667	---	37.92	54.00	16.08	150.0	H	0.0	12.0
10656.466667	47.40	---	74.00	26.60	150.0	H	27.0	12.0

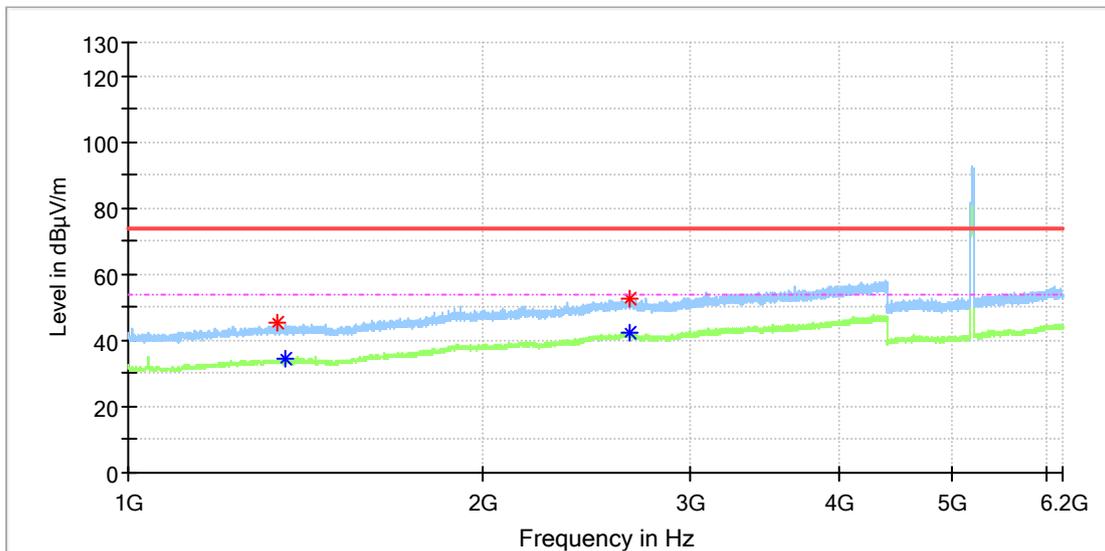
## Final Result

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



### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_40M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

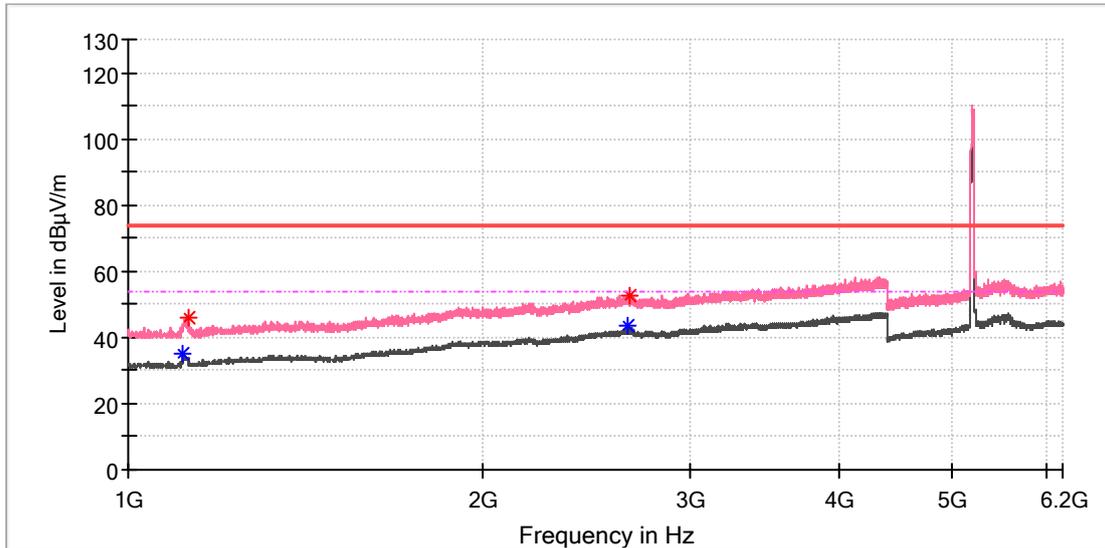
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1338.000000	45.31	---	74.00	28.69	150.0	H	247.0	3.0
1358.000000	---	34.36	54.00	19.64	150.0	H	192.0	3.1
2658.000000	---	42.26	54.00	11.74	150.0	H	347.0	10.2
2661.500000	52.62	---	74.00	21.38	150.0	H	231.0	10.2

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_40M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

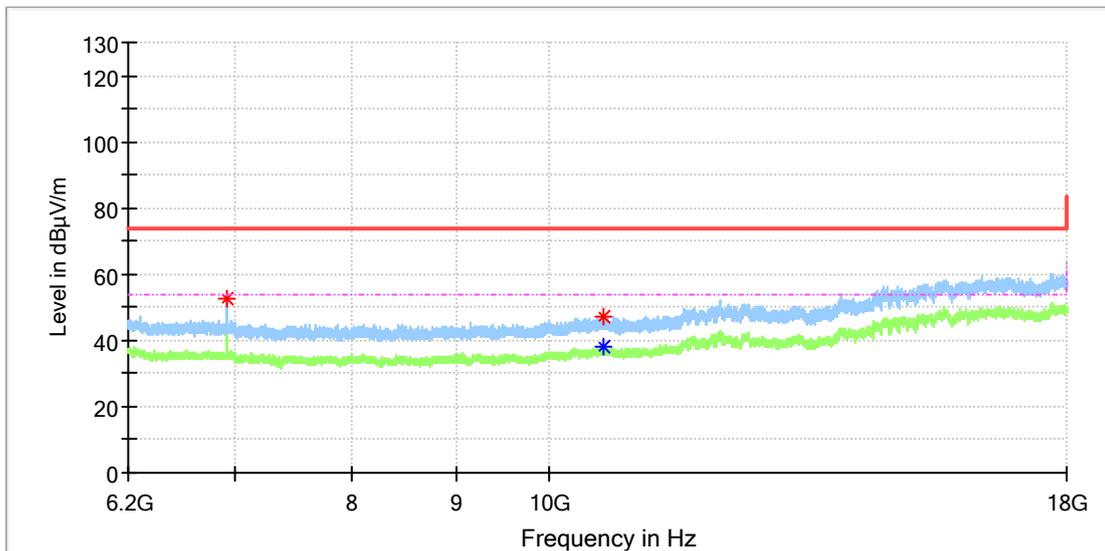
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1112.500000	---	34.88	54.00	19.12	150.0	V	278.0	0.7
1123.000000	46.24	---	74.00	27.76	150.0	V	266.0	0.9
2656.000000	---	43.64	54.00	10.36	150.0	V	346.0	10.2
2661.500000	52.65	---	74.00	21.35	150.0	V	310.0	10.2

### Final Result

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

### EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_40M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

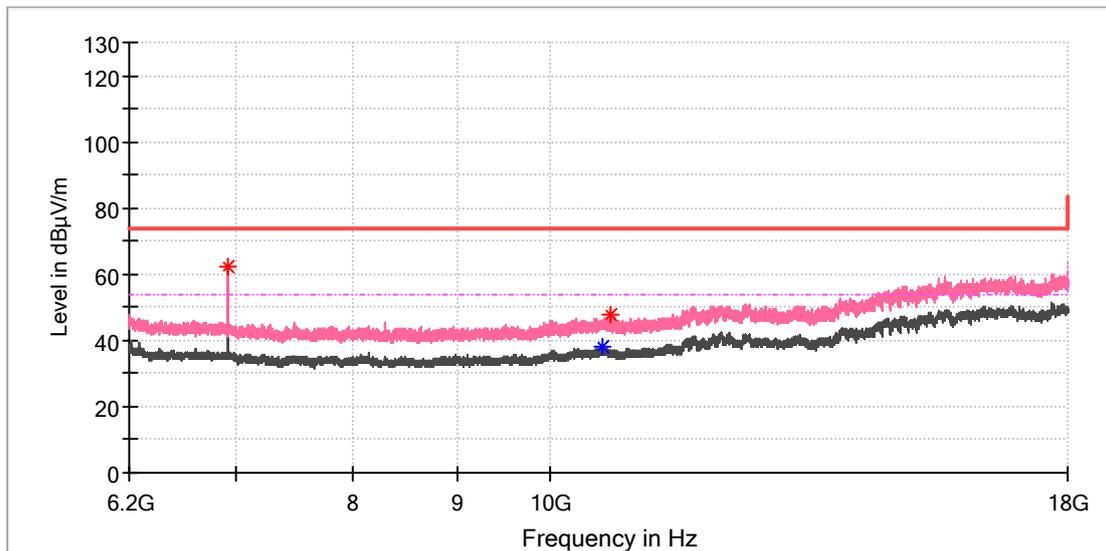
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	52.87	---	68.20	15.33	150.0	H	323.0	8.6
10628.933333	---	38.09	54.00	15.91	150.0	H	294.0	12.0
10645.650000	47.25	---	74.00	26.75	150.0	H	323.0	12.0

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_40M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

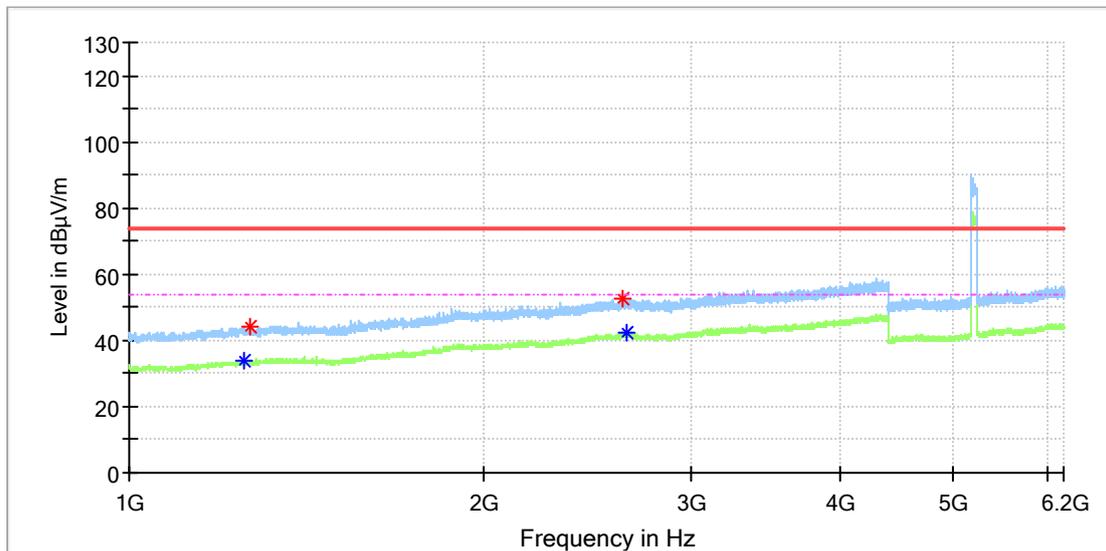
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	62.23	---	68.20	5.97	150.0	V	217.0	8.6
10617.625000	---	38.00	54.00	16.00	150.0	V	29.0	12.0
10708.583333	47.95	---	74.00	26.05	150.0	V	96.0	11.9

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_60M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

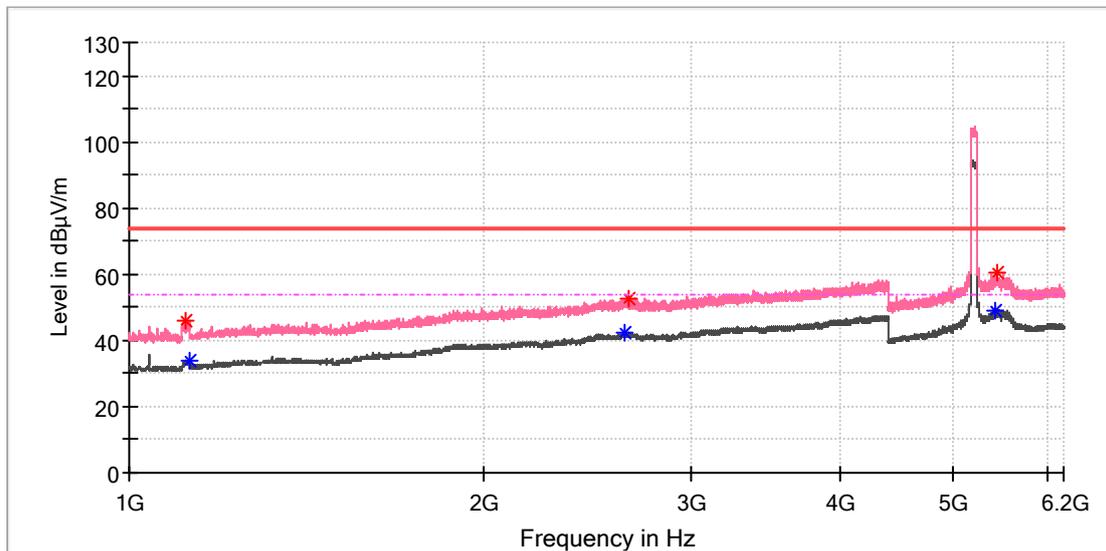
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1251.000000	---	34.15	54.00	19.85	150.0	H	6.0	2.6
1264.000000	44.31	---	74.00	29.69	150.0	H	170.0	2.7
2625.500000	52.90	---	74.00	21.10	150.0	H	211.0	9.9
2637.000000	---	42.44	54.00	11.56	150.0	H	140.0	10.0

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_60M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 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)
1117.500000	45.92	---	74.00	28.08	150.0	V	261.0	0.8
1125.000000	---	34.14	54.00	19.86	150.0	V	256.0	0.9
2626.500000	---	42.20	54.00	11.80	150.0	V	125.0	9.9
2647.000000	52.68	---	74.00	21.32	150.0	V	8.0	10.1
5419.500000	---	49.26	54.00	4.74	150.0	V	274.0	15.0
5446.000000	60.45	---	74.00	13.55	150.0	V	227.0	15.0

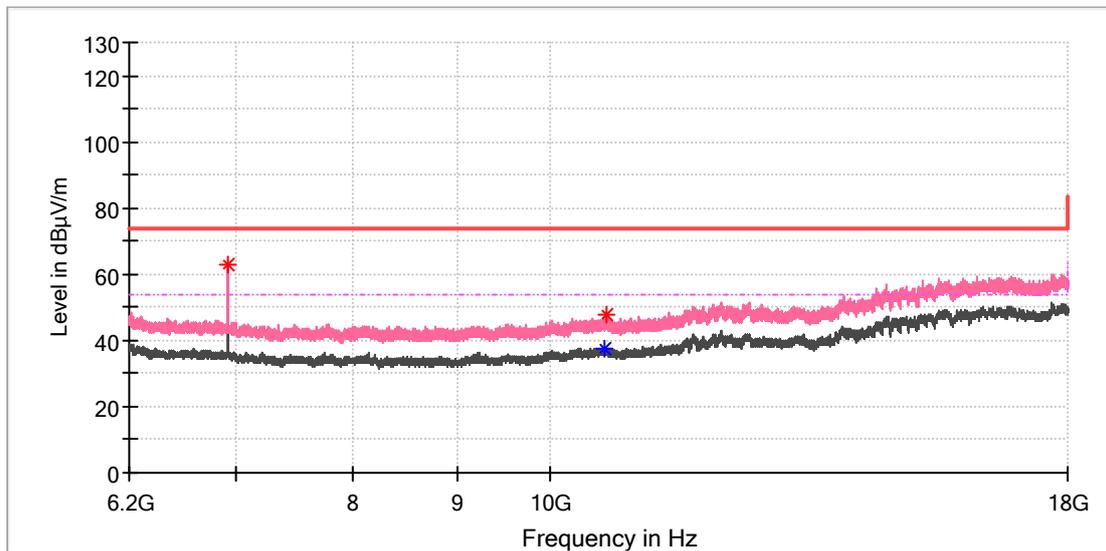
### Final Result

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



### EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_60M_5200MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

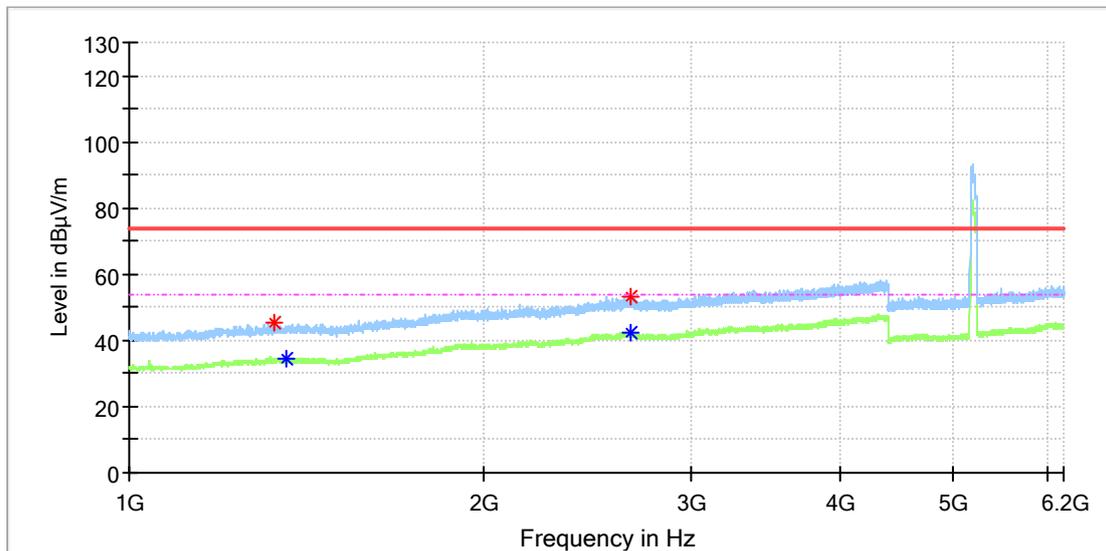
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	62.64	---	68.20	5.56	150.0	V	210.0	8.6
10627.458333	---	37.67	54.00	16.33	150.0	V	0.0	12.0
10666.791667	47.79	---	74.00	26.21	150.0	V	0.0	11.9

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_80M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

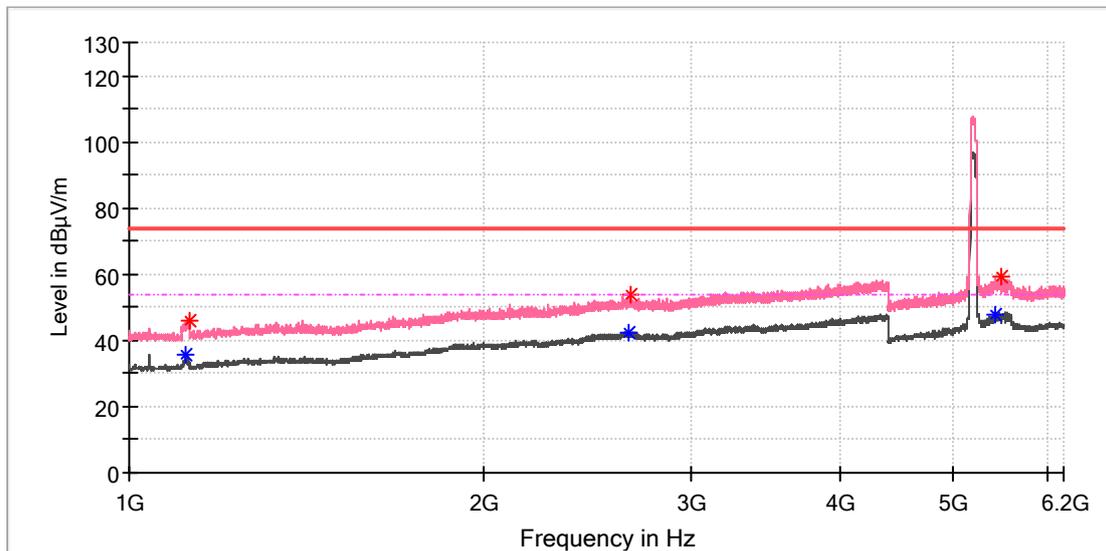
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1329.500000	45.17	---	74.00	28.83	150.0	H	123.0	3.0
1358.000000	---	34.76	54.00	19.24	150.0	H	213.0	3.1
2657.500000	---	42.62	54.00	11.38	150.0	H	336.0	10.2
2659.000000	53.09	---	74.00	20.91	150.0	H	7.0	10.2

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_80M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 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)
1116.000000	---	35.64	54.00	18.37	150.0	V	280.0	0.8
1124.500000	46.04	---	74.00	27.96	150.0	V	280.0	0.9
2655.000000	---	42.54	54.00	11.46	150.0	V	358.0	10.2
2665.500000	53.78	---	74.00	20.22	150.0	V	349.0	10.2
5421.500000	---	47.68	54.00	6.32	150.0	V	267.0	15.0
5496.000000	59.44	---	68.20	8.76	150.0	V	228.0	15.2

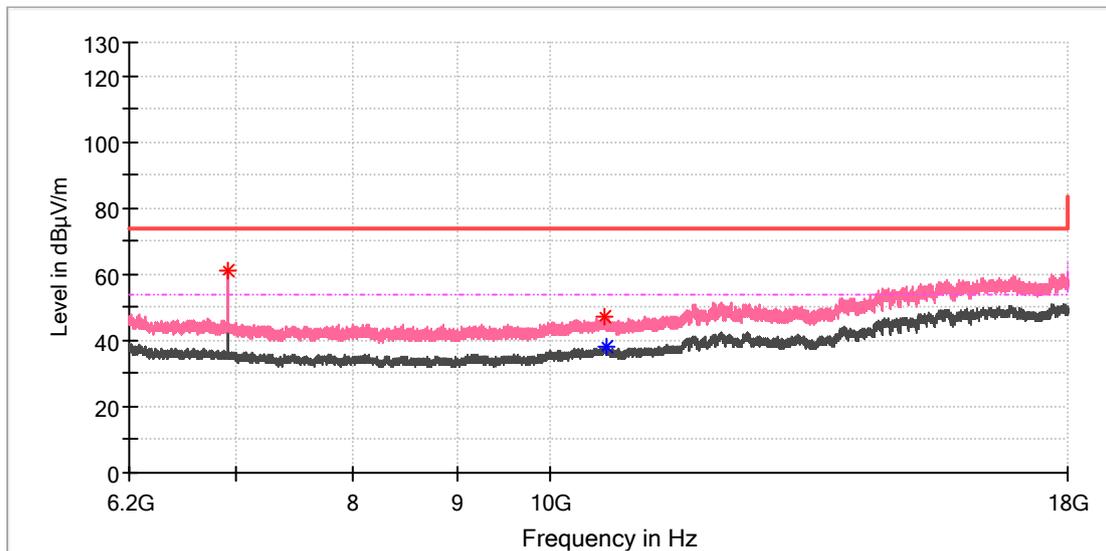
### Final Result

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



### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_80M\_5200MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 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)
6933.075000	61.04	---	68.20	7.16	150.0	V	183.0	8.6
10645.158333	46.92	---	74.00	27.08	150.0	V	0.0	12.0
10650.566667	---	37.84	54.00	16.16	150.0	V	101.0	12.0

### Final Result

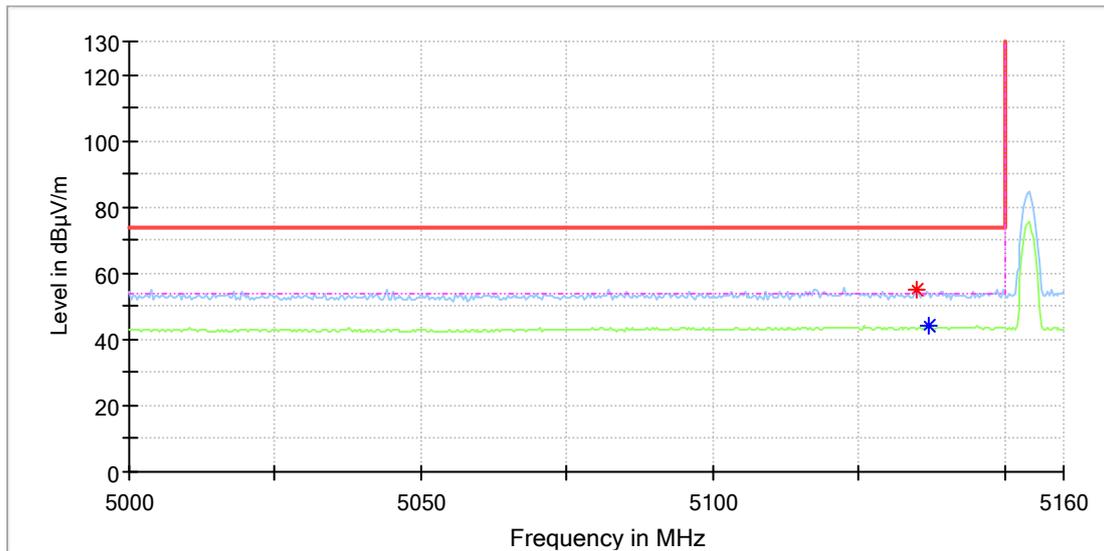
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

## Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

5.2GHz SDR, 1.4MHz BW

### EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_1.4M_5154MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical\_Freqs

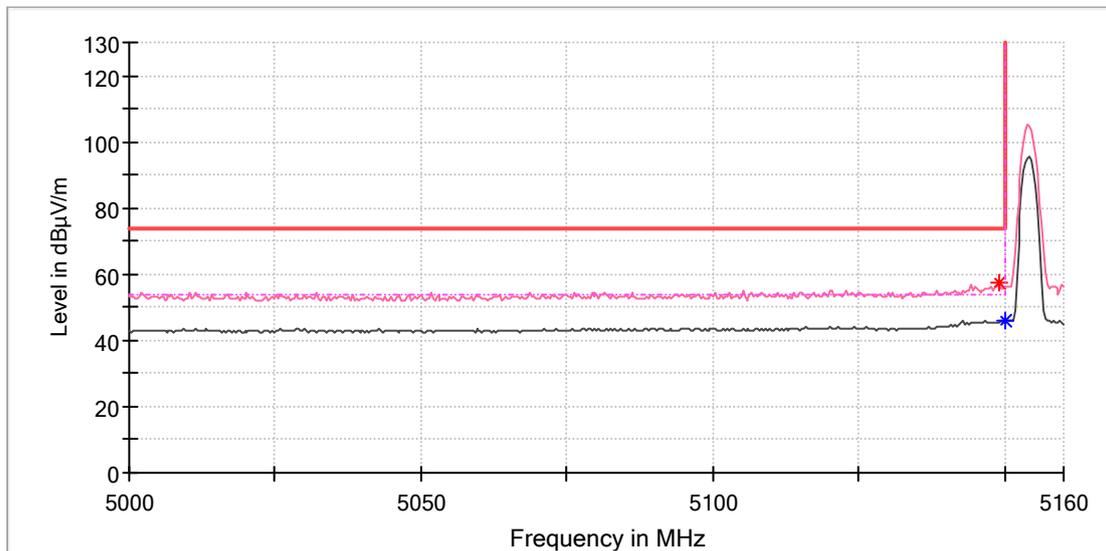
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5134.877778	55.20	---	74.00	18.80	150.0	H	9.0	13.9
5136.844445	---	44.05	54.00	9.95	150.0	H	90.0	13.9

### Final\_Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_1.4M\_5154MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

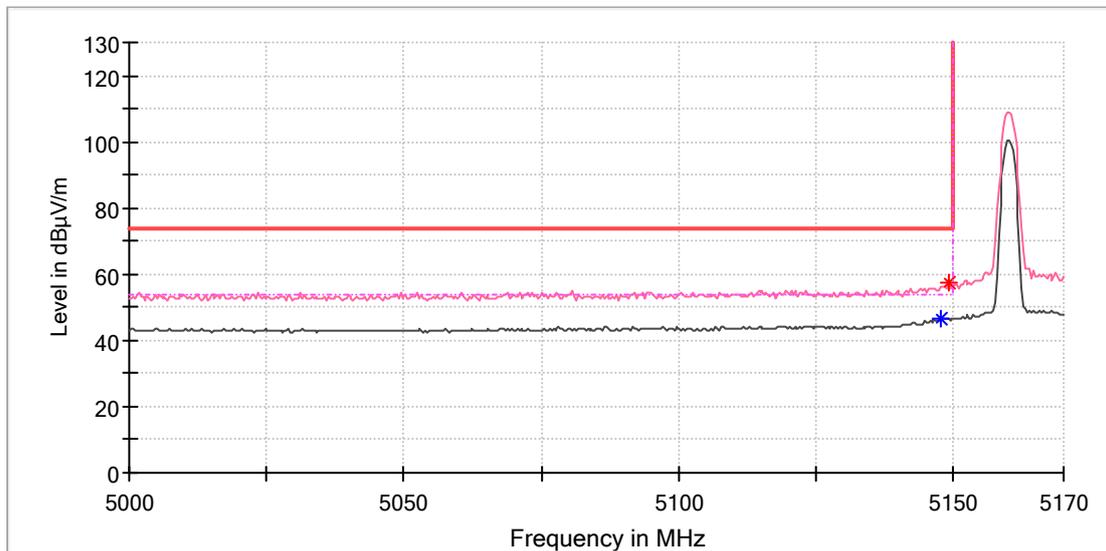
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.972222	57.17	---	74.00	16.83	150.0	V	297.0	13.9
5149.955556	---	46.02	54.00	7.98	150.0	V	284.0	13.9

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_1.4M\_5160MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

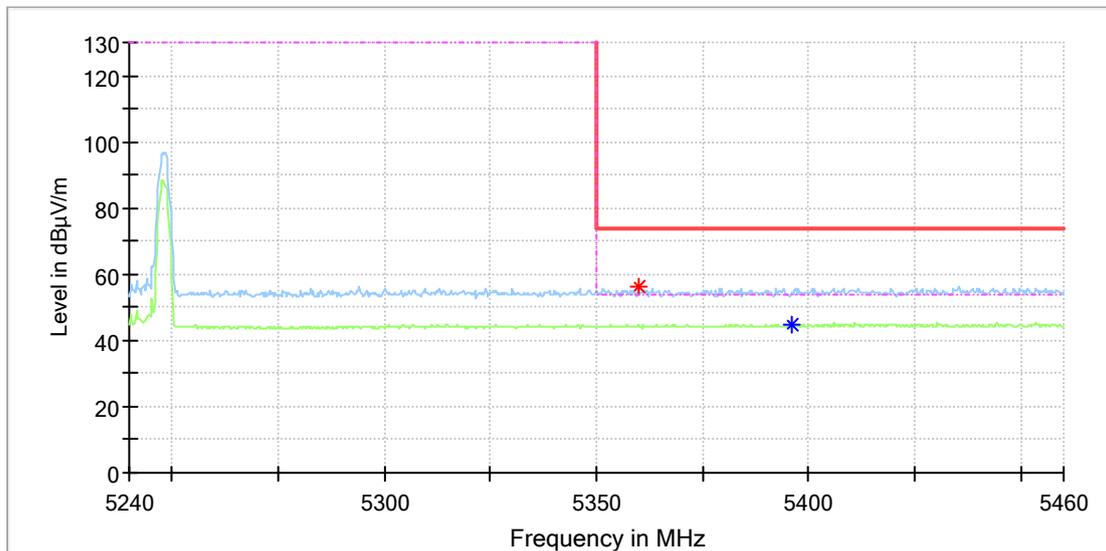
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.661111	---	46.46	54.00	7.54	150.0	V	23.0	13.9
5148.972222	57.27	---	74.00	16.73	150.0	V	303.0	13.9

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_1.4M\_5248MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

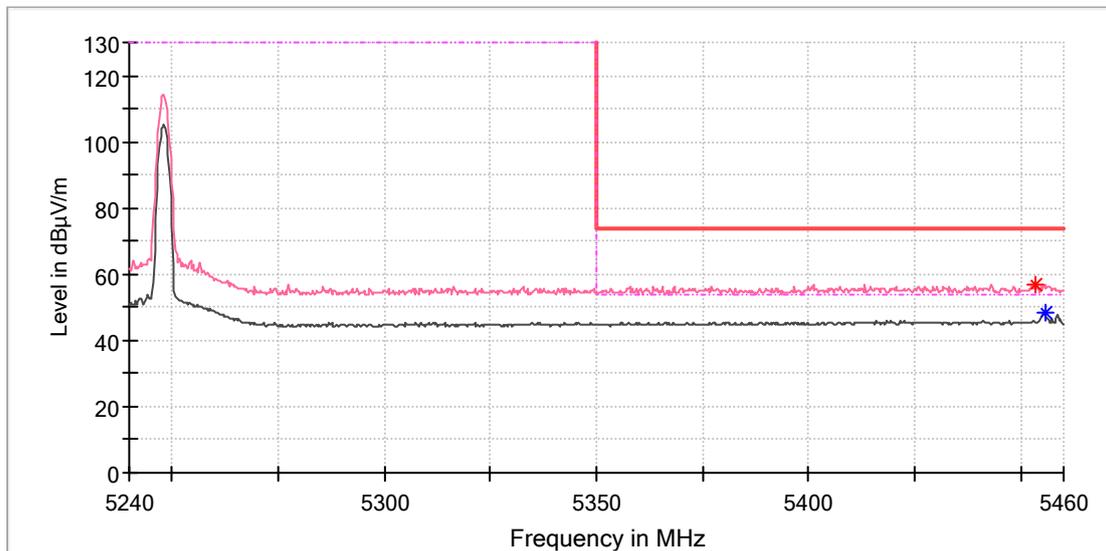
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5359.888889	56.41	---	74.00	17.59	150.0	H	295.0	14.8
5396.105556	---	44.72	54.00	9.28	150.0	H	159.0	14.9

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_1.4M\_5248MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 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)
5453.522222	57.01	---	74.00	16.99	150.0	V	221.0	15.0
5455.583333	---	48.48	54.00	5.52	150.0	V	11.0	15.1

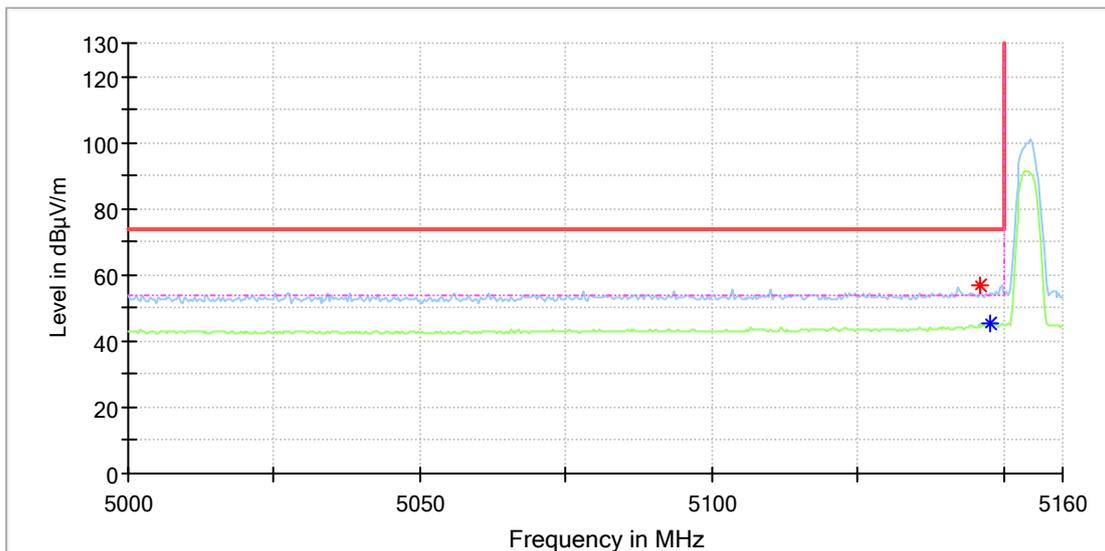
### Final Result

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

5.2GHz SDR, 3MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_3M_5154MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

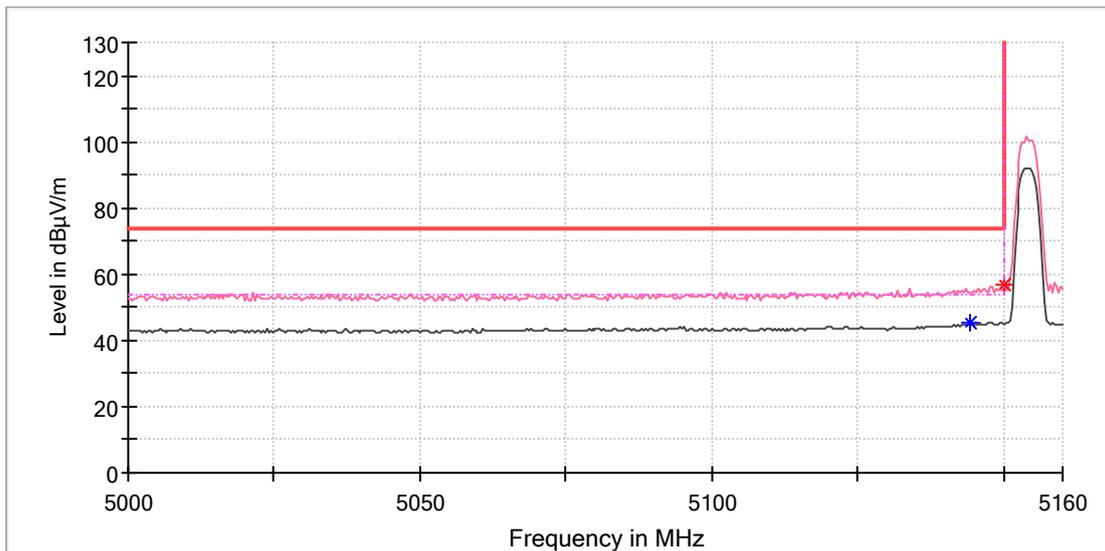
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.022222	56.98	---	74.00	17.02	150.0	H	43.0	13.9
5147.661111	---	45.39	54.00	8.61	150.0	H	28.0	13.9

Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_3M\_5154MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 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)
5144.055556	---	45.52	54.00	8.48	150.0	V	315.0	13.9
5149.955556	56.57	---	74.00	17.43	150.0	V	236.0	13.9

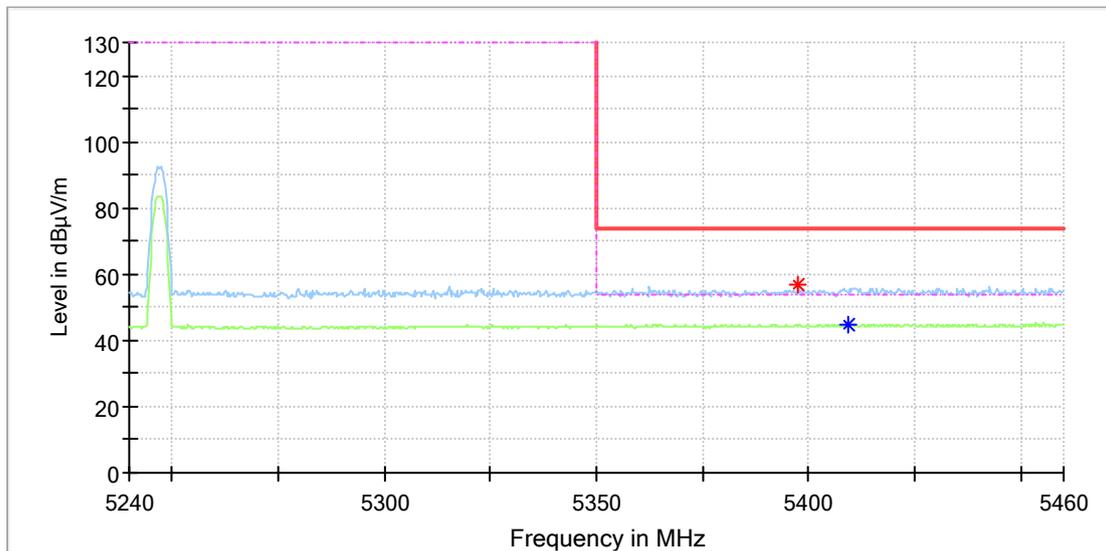
### Final Result

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



### EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_3M_5247MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

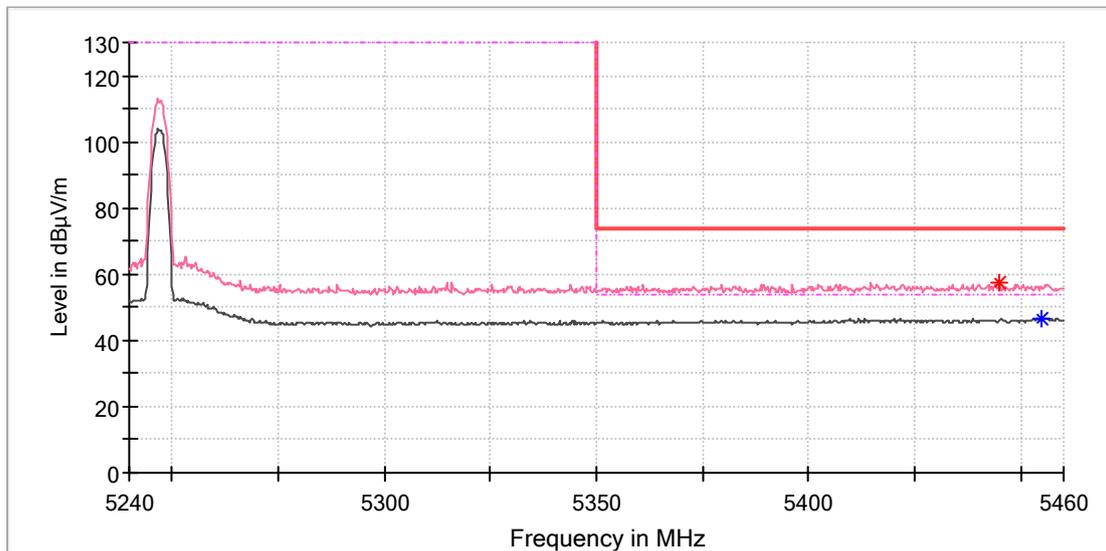
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5397.577778	56.57	---	74.00	17.43	150.0	H	0.0	14.9
5409.061111	---	44.99	54.00	9.01	150.0	H	216.0	15.0

### Final Result

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

### EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_3M_5247MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
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)
5444.983333	57.42	---	74.00	16.58	150.0	V	350.0	15.0
5454.994444	---	46.81	54.00	7.19	150.0	V	246.0	15.1

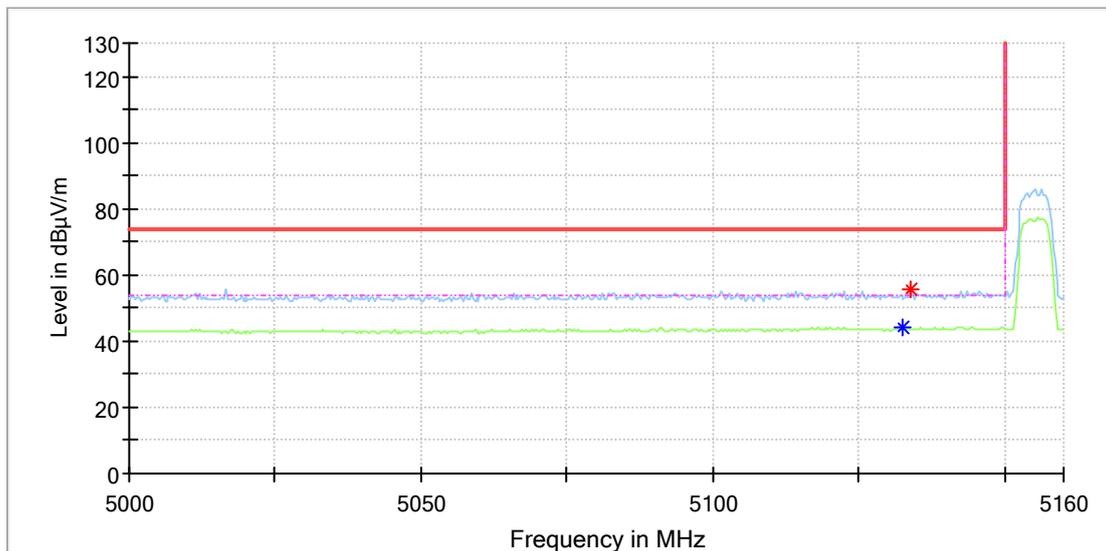
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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**5.2GHz SDR, 5MHz BW**

**EUT Information**

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_5M_5155MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



**Critical Freqs**

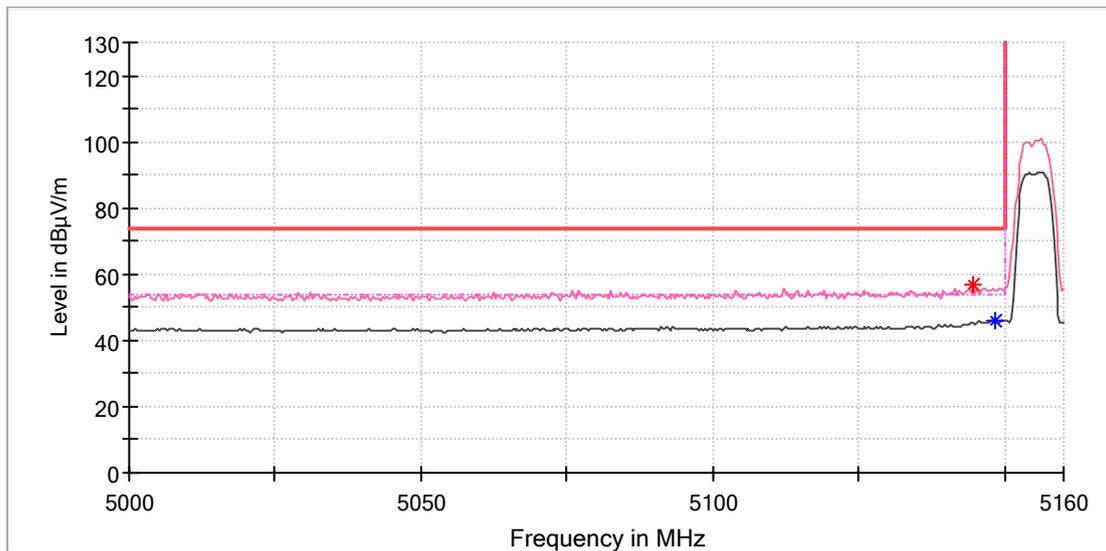
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5132.583333	---	44.04	54.00	9.96	150.0	H	52.0	13.9
5133.894445	55.81	---	74.00	18.19	150.0	H	154.0	13.9

**Final Result**

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_5M\_5155MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 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)
5144.383333	56.94	---	74.00	17.06	150.0	V	213.0	13.9
5148.316667	---	46.01	54.00	7.99	150.0	V	270.0	13.9

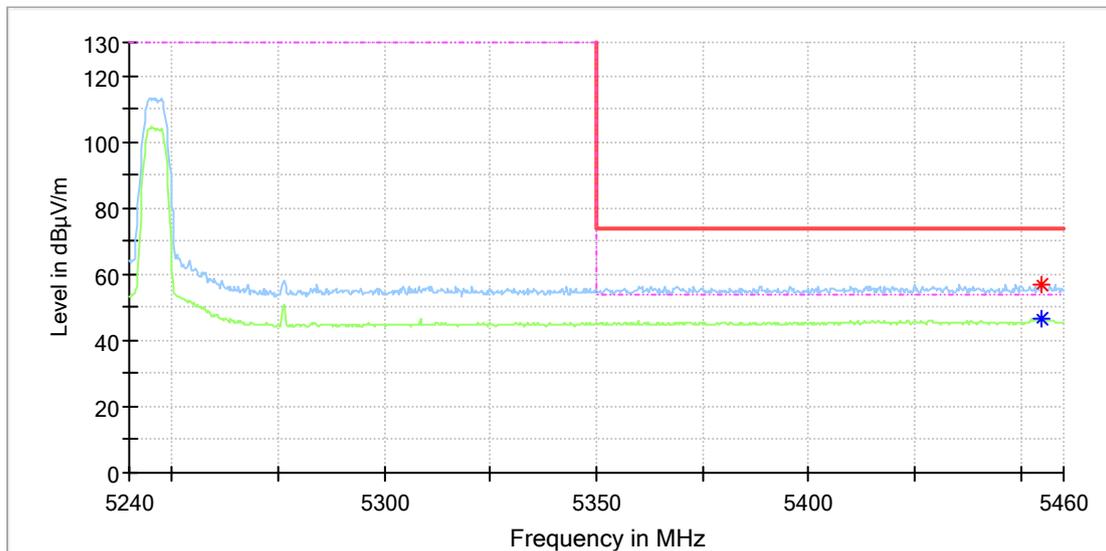
### Final Result

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



### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_5M\_5246.24MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:53%  
 Test Standard: FCC 15.407  
 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)
5454.700000	57.11	---	74.00	16.89	150.0	H	189.0	15.1
5454.994444	---	46.40	54.00	7.60	150.0	H	214.0	15.1

### Final Result

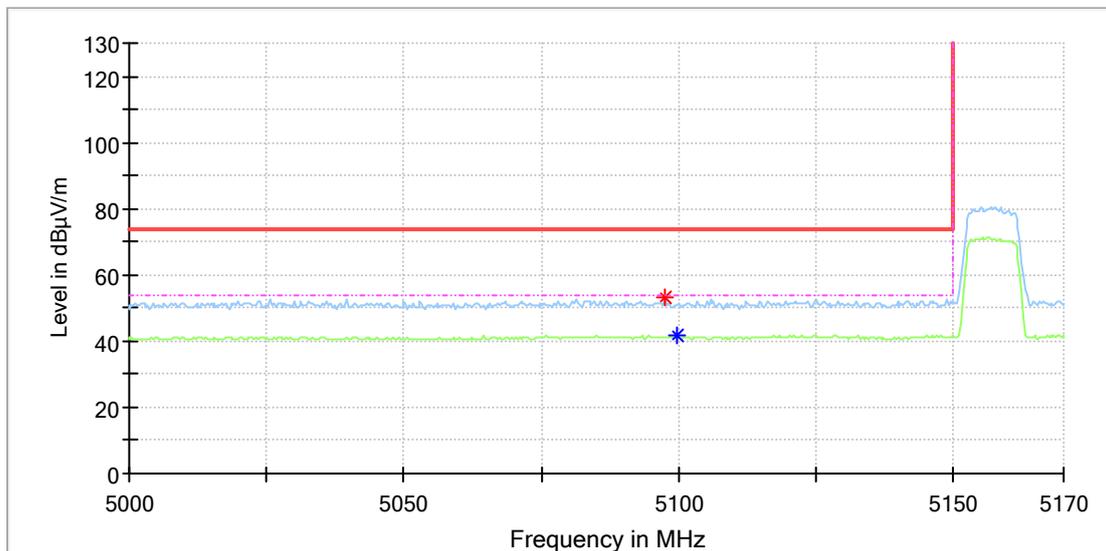
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.2GHz SDR, 10MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

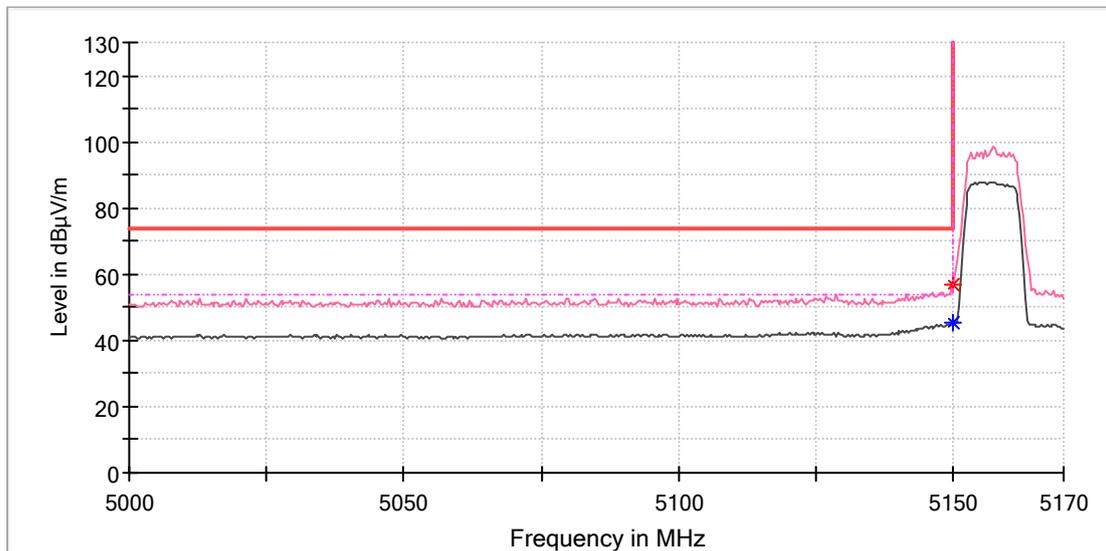
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5097.511111	52.96	---	74.00	21.04	150.0	H	118.0	13.7
5099.477778	---	41.45	54.00	12.55	150.0	H	226.0	13.7

Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_10M\_5157MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 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)
5149.955556	---	45.17	54.00	8.83	150.0	V	255.0	13.9
5149.955556	56.90	---	74.00	17.10	150.0	V	255.0	13.9

### Final Result

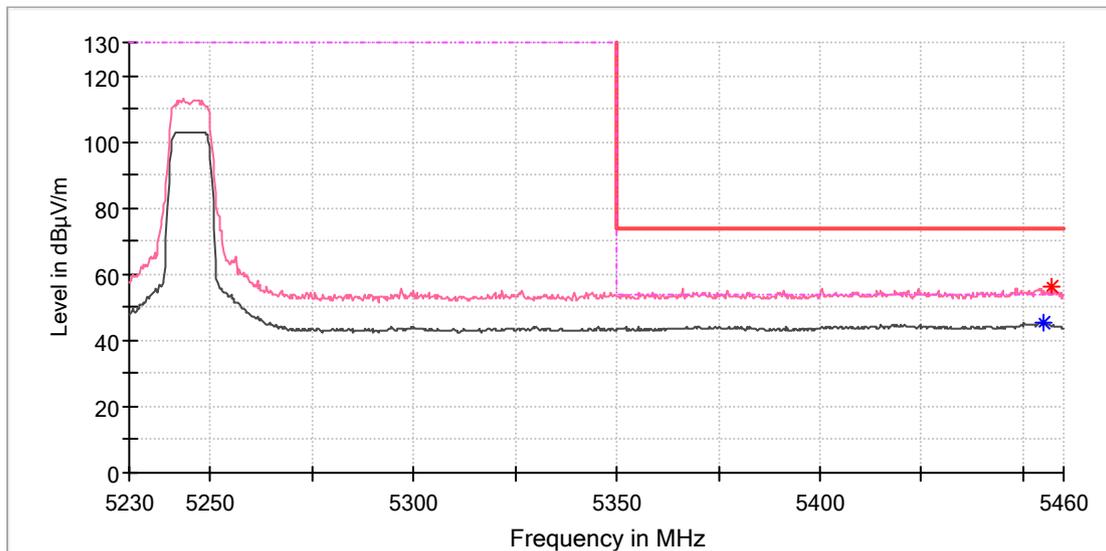
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_10M\_5245MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 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)
5455.288889	---	45.42	54.00	8.58	150.0	V	230.0	15.1
5457.055556	56.06	---	74.00	17.94	150.0	V	299.0	15.1

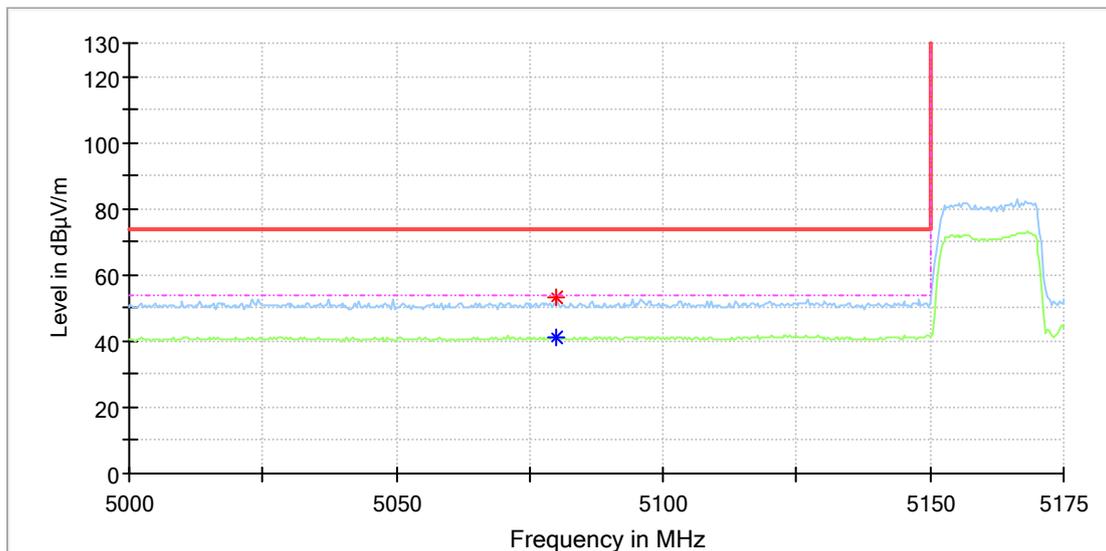
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.2GHz SDR, 20MHz BW

EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_20M\_5161MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



Critical Freqs

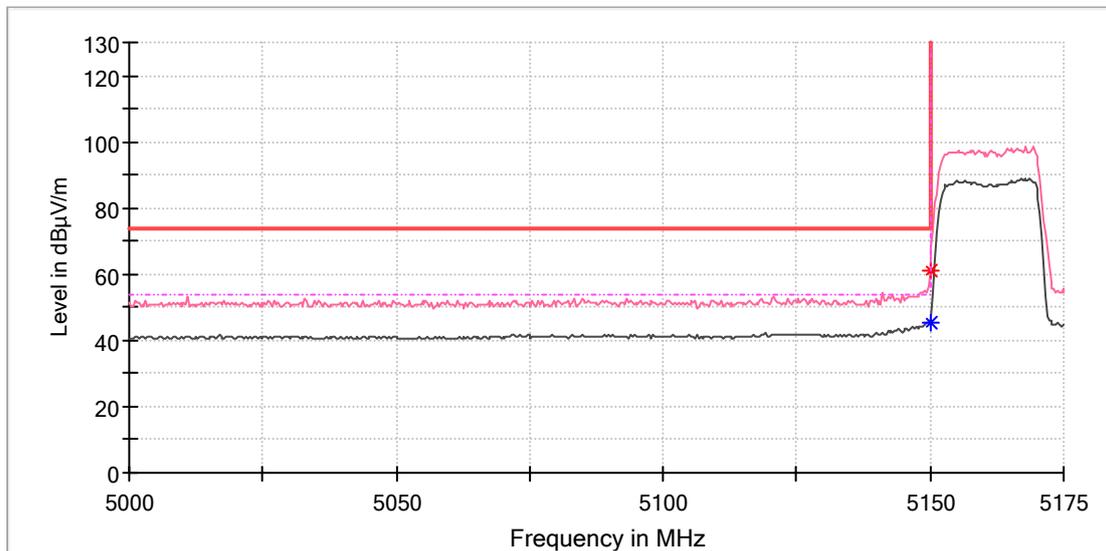
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5079.811111	---	41.23	54.00	12.77	150.0	H	56.0	13.6
5080.138889	53.19	---	74.00	20.81	150.0	H	17.0	13.6

Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_20M\_5161MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 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)
5149.955556	---	45.42	54.00	8.58	150.0	V	264.0	13.9
5149.955556	61.34	---	74.00	12.66	150.0	V	264.0	13.9

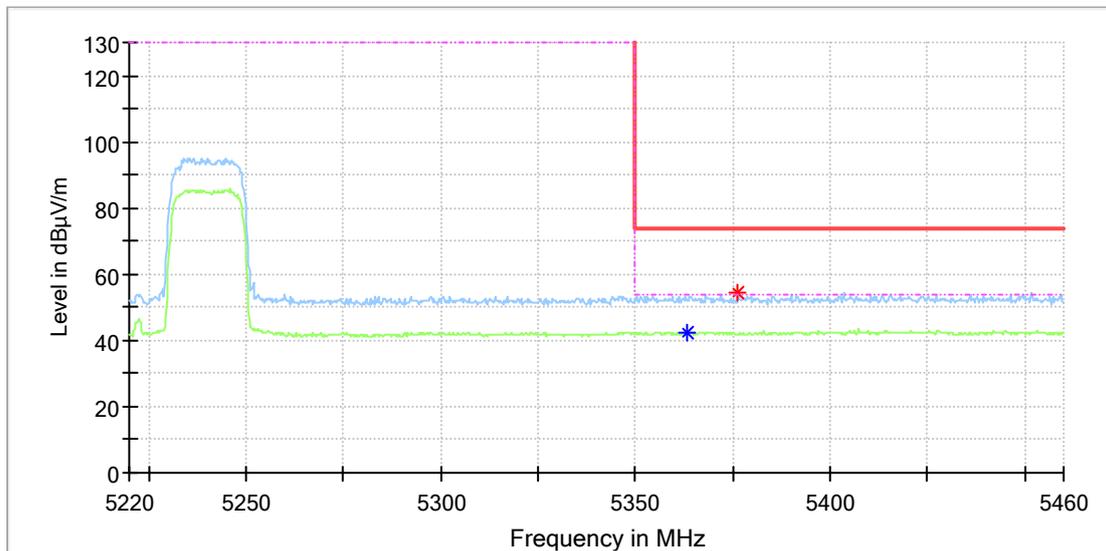
### Final Result

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: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_20M\_5240MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

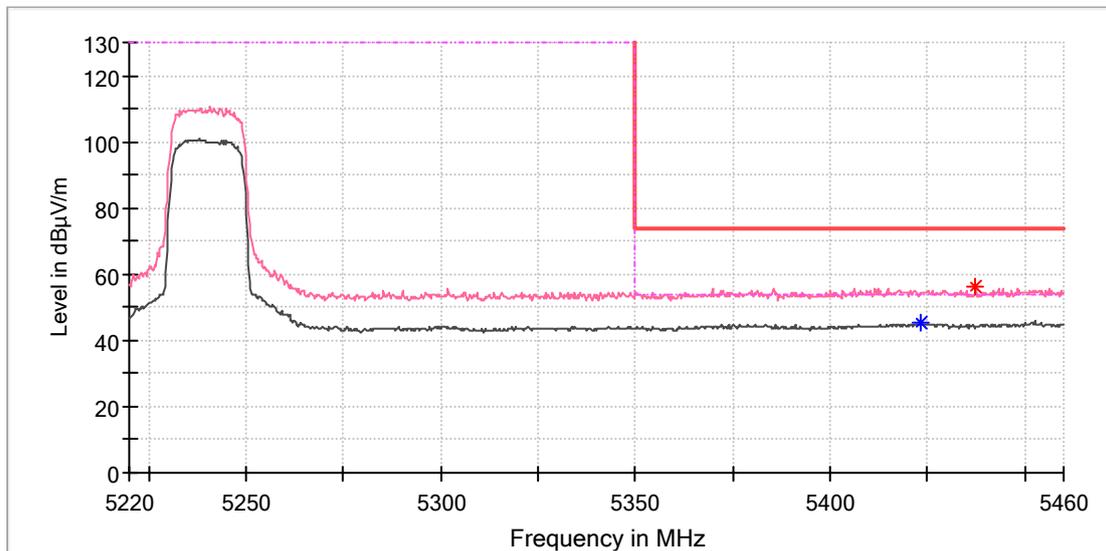
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5363.422222	---	42.36	54.00	11.64	150.0	H	289.0	14.8
5376.377778	54.41	---	74.00	19.59	150.0	H	73.0	14.9

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_20M\_5240MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 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)
5423.488889	---	45.12	54.00	8.88	150.0	V	260.0	15.0
5437.327778	56.10	---	74.00	17.90	150.0	V	234.0	15.0

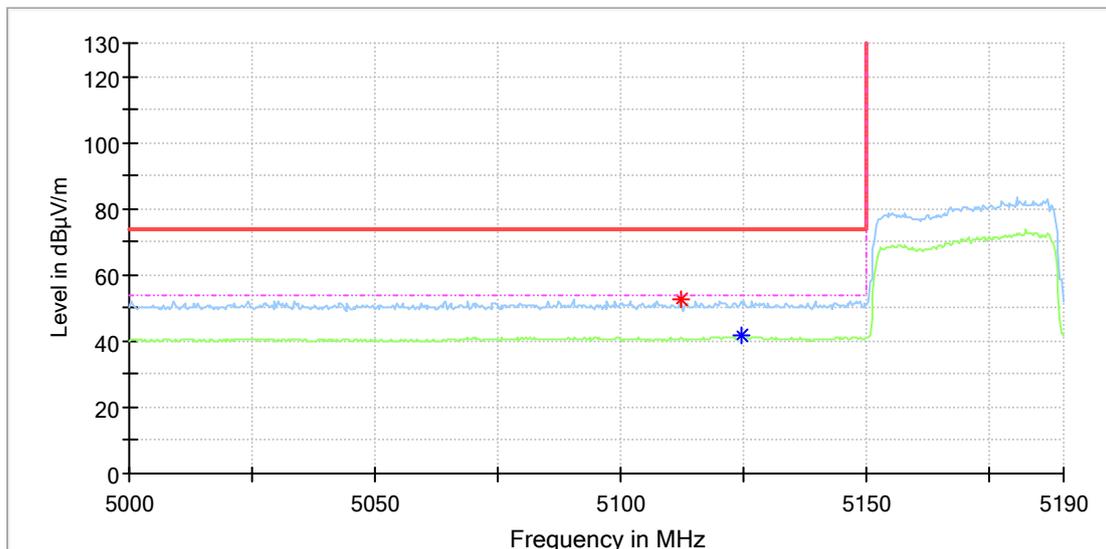
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.2GHz SDR, 40MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
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)
5112.261111	52.68	---	74.00	21.32	150.0	H	344.0	13.8
5124.388889	---	41.56	54.00	12.44	150.0	H	304.0	13.8

Final Result

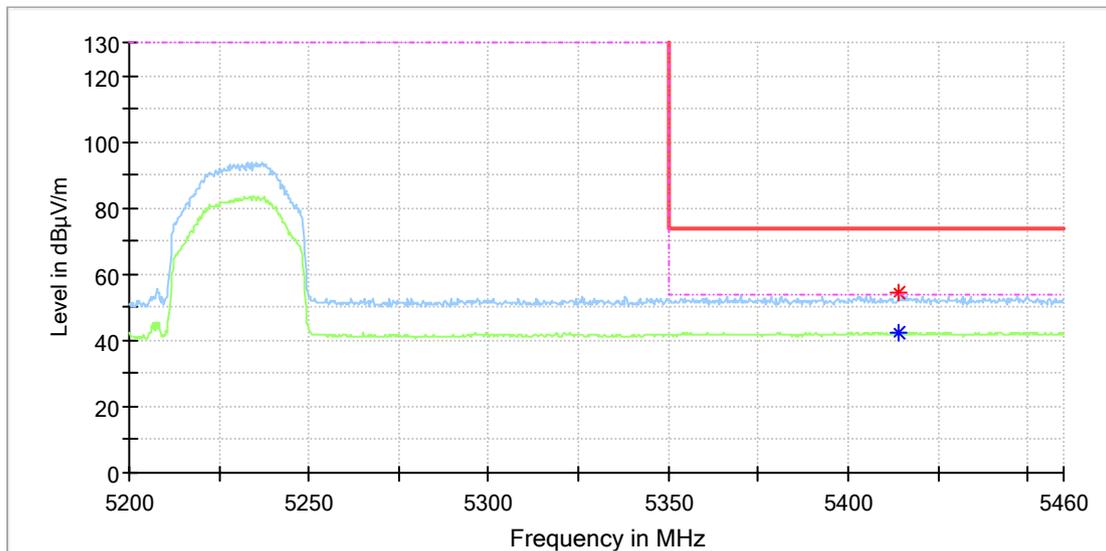
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_40M\_5230MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

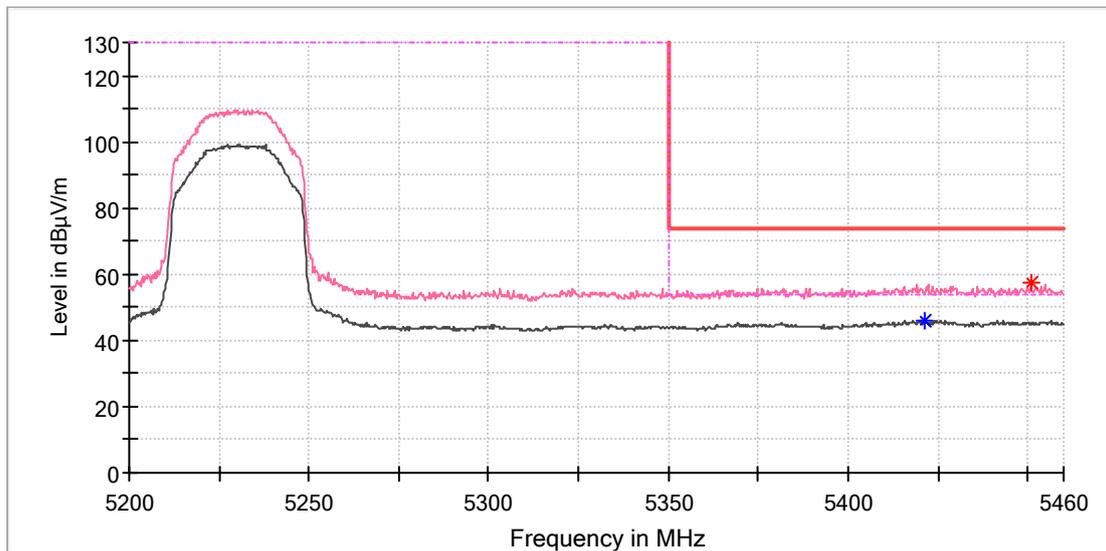
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5414.066667	---	42.10	54.00	11.90	150.0	H	317.0	15.0
5414.066667	54.24	---	74.00	19.76	150.0	H	317.0	15.0

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_40M\_5230MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 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)
5421.427778	---	45.88	54.00	8.12	150.0	V	272.0	15.0
5450.872222	57.15	---	74.00	16.85	150.0	V	235.0	15.0

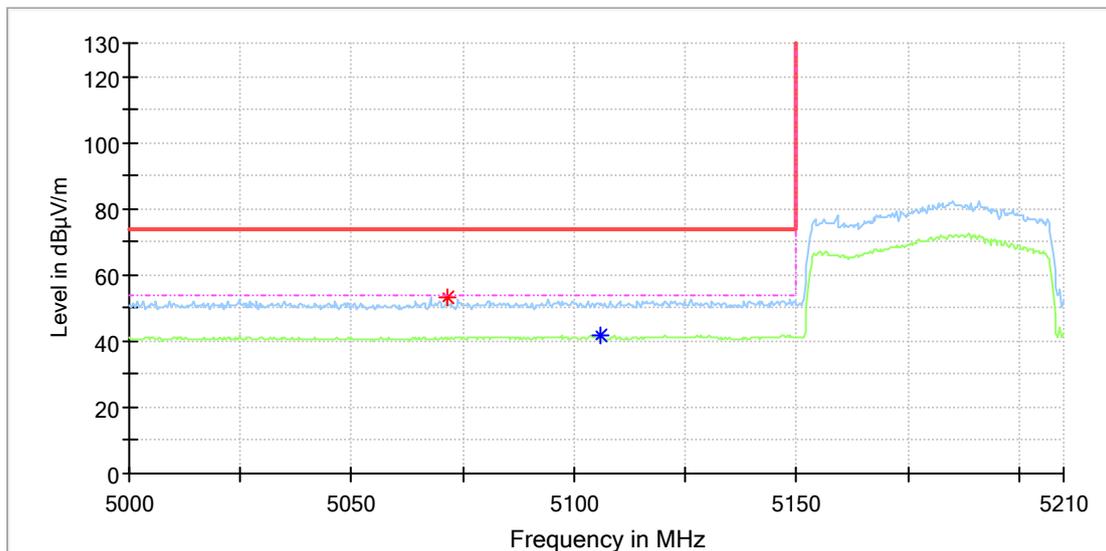
### Final Result

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

5.2GHz SDR, 60MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_60M_5180MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
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)
5071.288889	53.23	---	74.00	20.77	150.0	H	36.0	13.6
5105.705556	---	41.74	54.00	12.26	150.0	H	151.0	13.7

Final Result

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





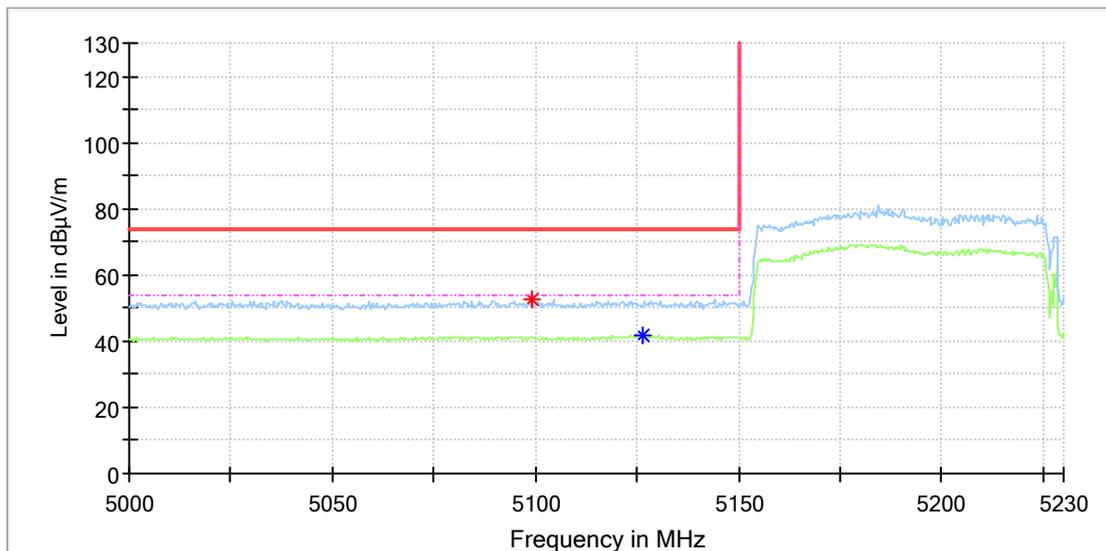




5.2GHz SDR, 80MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_80M_5190MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
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)
5099.150000	52.42	---	74.00	21.58	150.0	H	274.0	13.7
5126.355556	---	41.43	54.00	12.57	150.0	H	218.0	13.8

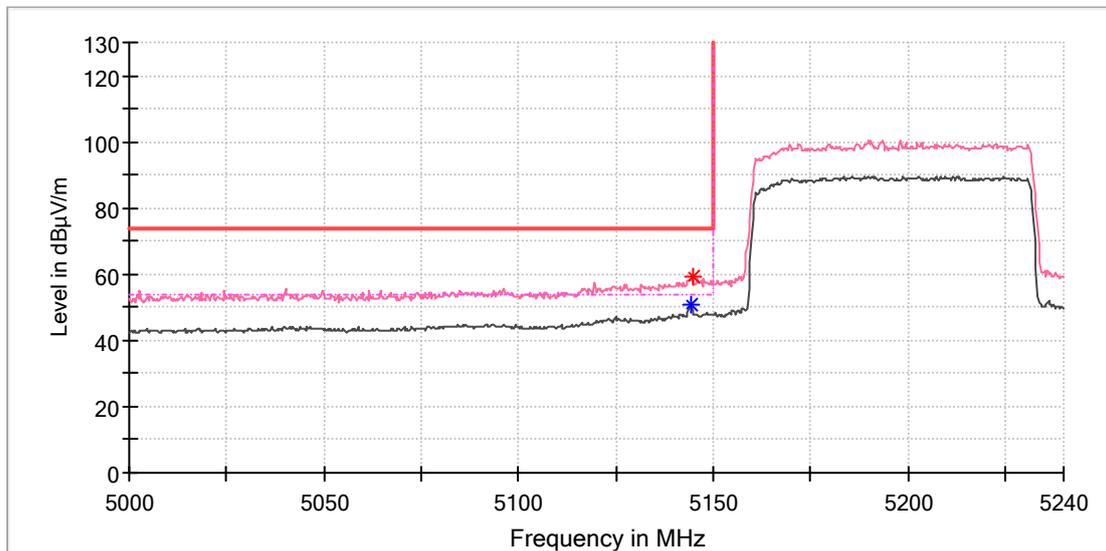
Final Result

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



### EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_80M_5196MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

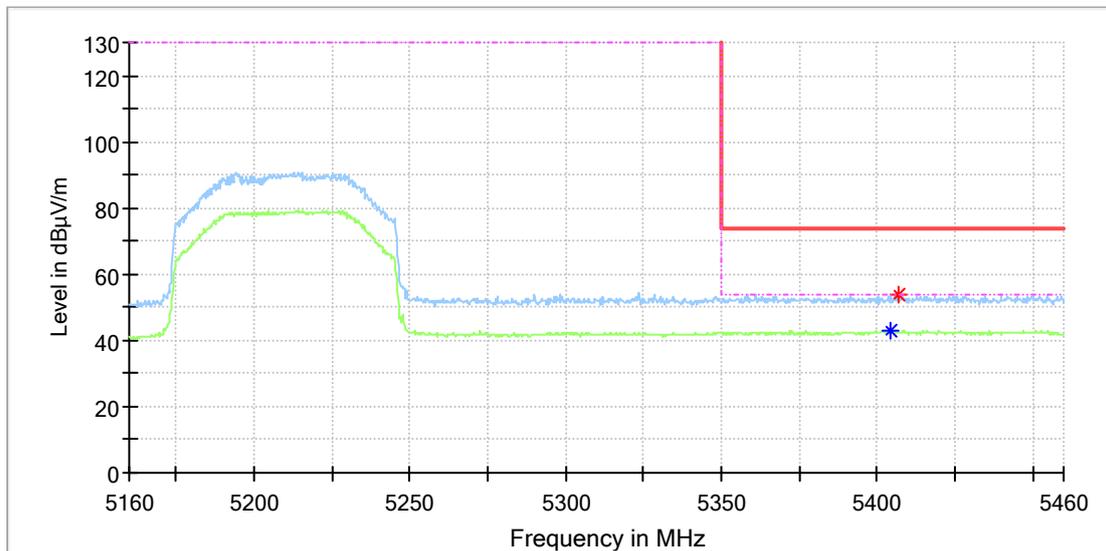
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5144.055556	---	50.86	54.00	3.14	150.0	V	340.0	13.9
5144.711111	58.96	---	74.00	15.04	150.0	V	298.0	13.9

### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Model: R600BS  
 Test Mode: SDR 5.2G\_80M\_5210MHz  
 Order No/Sample No: 168492000/A003834149-006  
 Test Voltage: Battery  
 Remark: Temp 24 Humi:50%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

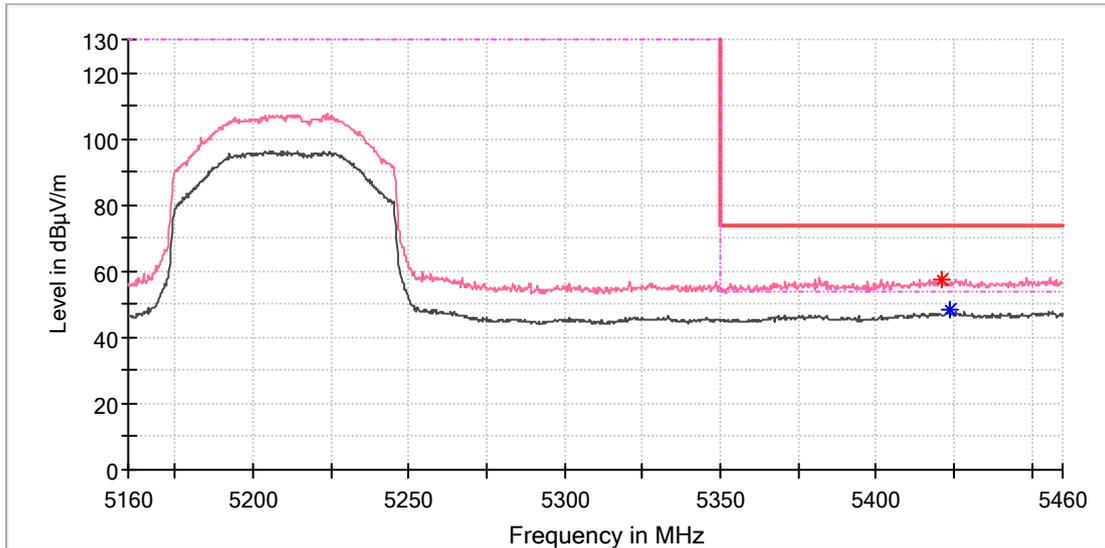
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5404.644444	---	42.84	54.00	11.16	150.0	H	159.0	15.0
5407.294444	54.02	---	74.00	19.98	150.0	H	218.0	15.0

### Final Result

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

### EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 5.2G_80M_5210MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
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)
5421.427778	57.53	---	74.00	16.47	150.0	V	328.0	15.0
5423.488889	---	48.28	54.00	5.72	150.0	V	270.0	15.0

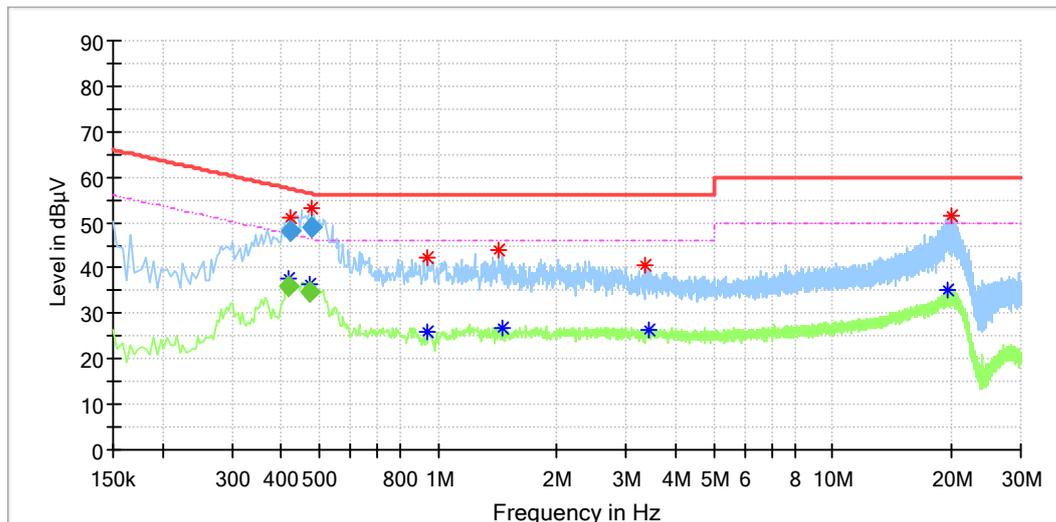
### Final Result

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

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Order Number: 168492000  
 Model: R600BS  
 Test Mode: 5.2G SDR Link  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15C  
 Test By:/Review By: Steve Lan/ Shower Dai  
 Tem./Hum./Pressure: 23.4°C/51.2%/101kPa  
 Remark: SR2



### Critical Freqs

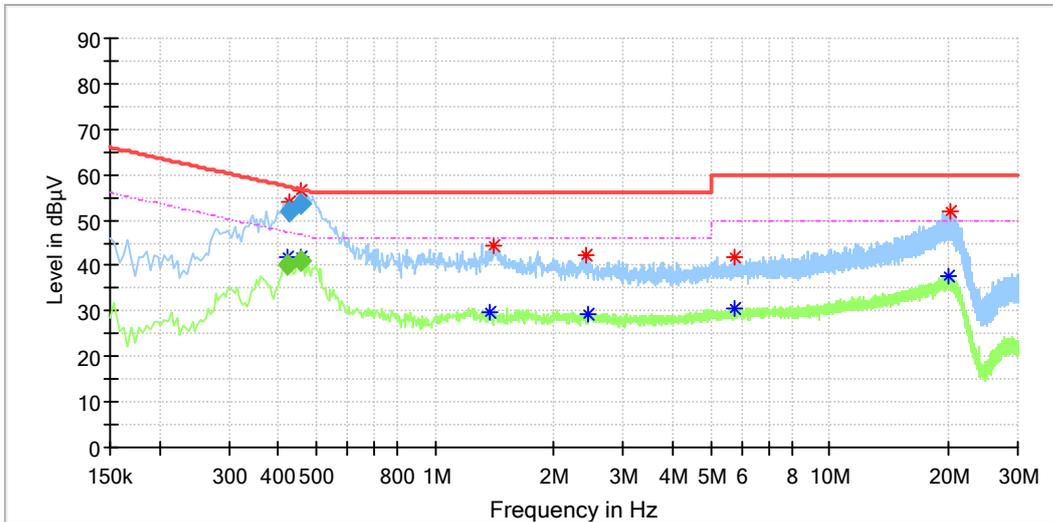
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.417500	---	37.49	47.57	10.08	L1	9.9
0.421500	51.28	---	57.49	6.21	L1	9.9
0.473500	---	36.60	46.44	9.84	L1	10.0
0.477500	53.31	---	56.44	3.13	L1	10.0
0.942000	---	25.93	46.00	20.07	L1	10.0
0.942000	42.25	---	56.00	13.75	L1	10.0
1.426000	43.99	---	56.00	12.01	L1	10.1
1.458000	---	26.64	46.00	19.36	L1	10.1
3.354000	40.40	---	56.00	15.60	L1	10.2
3.414000	---	26.47	46.00	19.53	L1	10.2
19.526000	---	35.14	50.00	14.86	L1	10.4
20.090000	51.64	---	60.00	8.36	L1	10.4

### Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.417500	---	36.16	47.50	11.34	1000.0	9.000	L1	9.9
0.421500	48.23	---	57.42	9.19	1000.0	9.000	L1	9.9
0.473500	---	34.82	46.45	11.63	1000.0	9.000	L1	10.0
0.477500	48.95	---	56.38	7.44	1000.0	9.000	L1	10.0

### EUT Information

EUT Name: D-RTK 3 Multifunctional Station  
 Order Number: 168492000  
 Model: R600BS  
 Test Mode: 5.2G SDR Link  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15C  
 Test By:/Review By: Steve Lan/ Shower Dai  
 Tem./Hum./Pressure: 23.4°C/51.2%/101kPa  
 Remark: SR2



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.421500	---	41.77	47.41	5.64	N	9.8
0.426500	53.97	---	57.41	3.44	N	9.8
0.457500	56.68	---	56.73	0.05	N	9.8
0.457500	---	41.77	46.73	4.96	N	9.8
1.374000	---	29.92	46.00	16.08	N	9.8
1.406000	44.42	---	56.00	11.58	N	9.8
2.426000	42.36	---	56.00	13.64	N	9.9
2.446000	---	29.45	46.00	16.55	N	9.9
5.730000	---	30.39	50.00	19.61	N	9.9
5.758000	41.85	---	60.00	18.15	N	9.9
19.926000	---	37.65	50.00	12.35	N	10.2
20.290000	51.76	---	60.00	8.24	N	10.2

### Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.421500	---	40.30	47.42	7.12	1000.0	9.000	N	9.8
0.426500	51.94	---	57.32	5.38	1000.0	9.000	N	9.8
0.457500	---	40.95	46.74	5.79	1000.0	9.000	N	9.8
0.457500	53.72	---	56.74	3.01	1000.0	9.000	N	9.8