

20MHz Ant0 2462.5 0~Reference



20MHz Ant0 2462.5 30~1000



20MHz Ant0 2462.5 1000~26500



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
40MHz	Ant0	2422.5	Reference	4.63	4.63	---	PASS
			30~1000	4.63	-40.67	≤-25.37	PASS
			1000~26500	4.63	-32.6	≤-25.37	PASS
		2437.5	Reference	6.10	6.10	---	PASS
			30~1000	6.10	-41.06	≤-23.9	PASS
			1000~26500	6.10	-32.37	≤-23.9	PASS
		2452.5	Reference	8.35	8.35	---	PASS
			30~1000	8.35	-41.51	≤-21.65	PASS
			1000~26500	8.35	-32.81	≤-21.65	PASS

40MHz Ant0 2422.5 0~Reference



40MHz Ant0 2422.5 30~1000



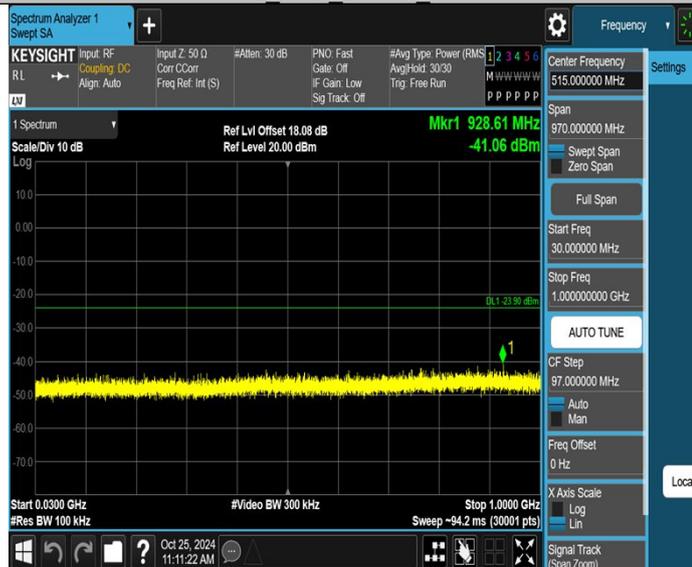
40MHz Ant0 2422.5 1000~26500



40MHz Ant0 2437.5 0~Reference



40MHz Ant0 2437.5 30~1000



40MHz Ant0 2437.5 1000~26500



40MHz Ant0 2452.5 0~Reference



40MHz Ant0 2452.5 30~1000



40MHz Ant0 2452.5 1000~26500



2.4GHz SDR, 60MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
60MHz	Ant0	2432.5	Reference	2.24	2.24	---	PASS
			30~1000	2.24	-41.24	≤-27.76	PASS
			1000~26500	2.24	-32.38	≤-27.76	PASS
		2437.5	Reference	2.45	2.45	---	PASS
			30~1000	2.45	-42	≤-27.55	PASS
			1000~26500	2.45	-32.74	≤-27.55	PASS
		2442.5	Reference	4.40	4.40	---	PASS
			30~1000	4.40	-41.81	≤-25.6	PASS
			1000~26500	4.40	-32.56	≤-25.6	PASS

60MHz Ant0 2432.5 0~Reference



60MHz Ant0 2432.5 30~1000



60MHz Ant0 2432.5 1000~26500



60MHz Ant0 2437.5 0~Reference



60MHz Ant0 2437.5 30~1000



60MHz Ant0 2437.5 1000~26500



60MHz Ant0 2442.5 0~Reference



60MHz Ant0 2442.5 30~1000



60MHz Ant0 2442.5 1000~26500



Appendix B.5: Test Results of Radiated Spurious Emissions

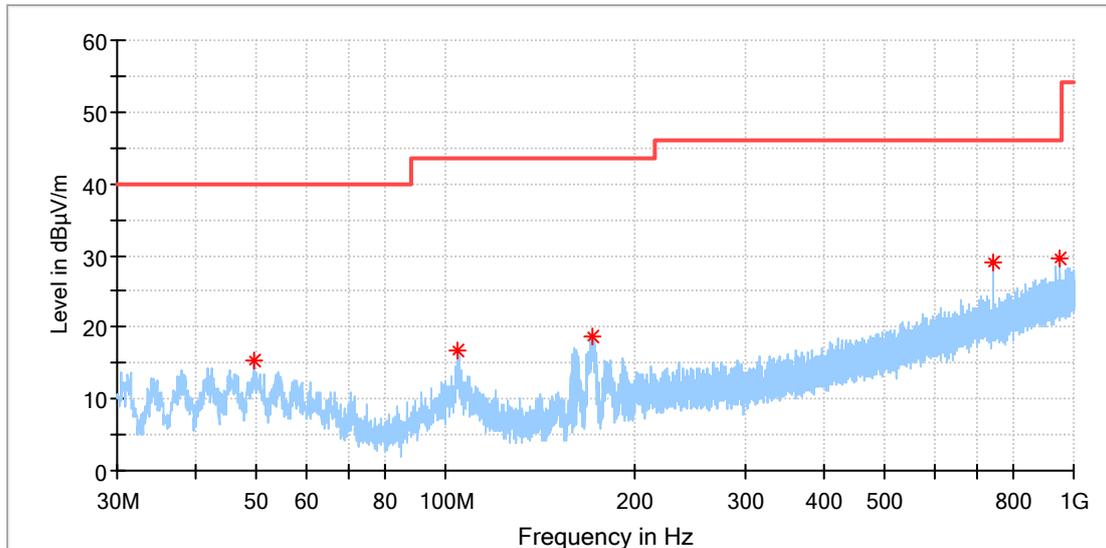
Note:

- 1) This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+2) 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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

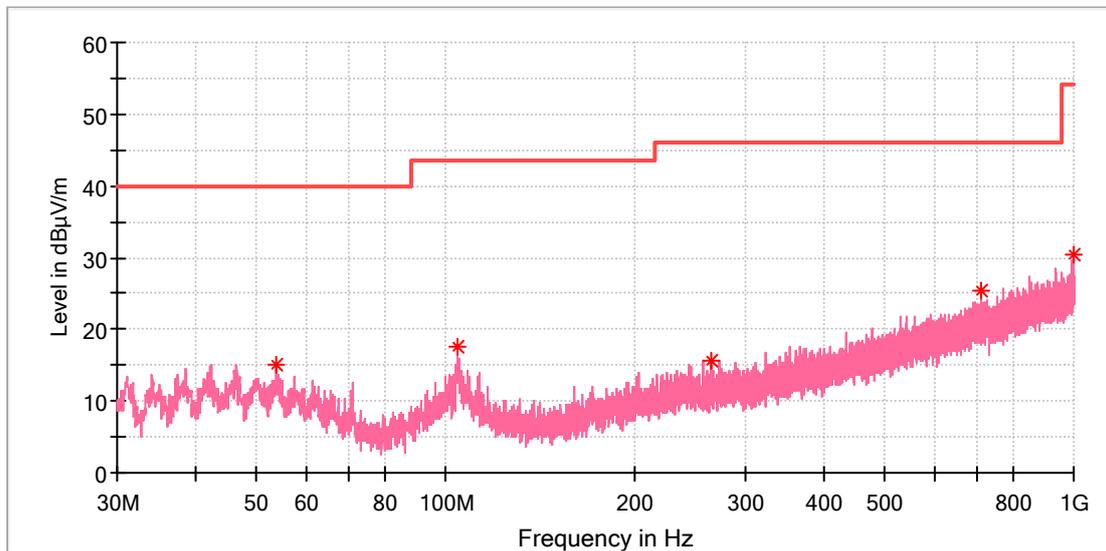
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.474615	15.25	40.00	24.75	100.0	H	239.0	-18.4
104.839231	16.84	43.50	26.66	100.0	H	0.0	-18.9
171.470769	18.63	43.50	24.87	100.0	H	79.0	-21.2
742.502308	28.93	46.00	17.07	100.0	H	118.0	-7.2
948.403462	29.71	46.00	16.29	100.0	H	0.0	-4.3

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 2.4G_1.4M_2435.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 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)
53.690385	15.19	40.00	24.81	100.0	V	128.0	-18.5
104.727308	17.47	43.50	26.03	100.0	V	65.0	-18.9
264.441539	15.73	46.00	30.27	100.0	V	314.0	-17.0
712.245769	25.45	46.00	20.55	100.0	V	159.0	-7.7
1000.000000	30.39	54.00	23.61	100.0	V	357.0	-3.4

Final Result

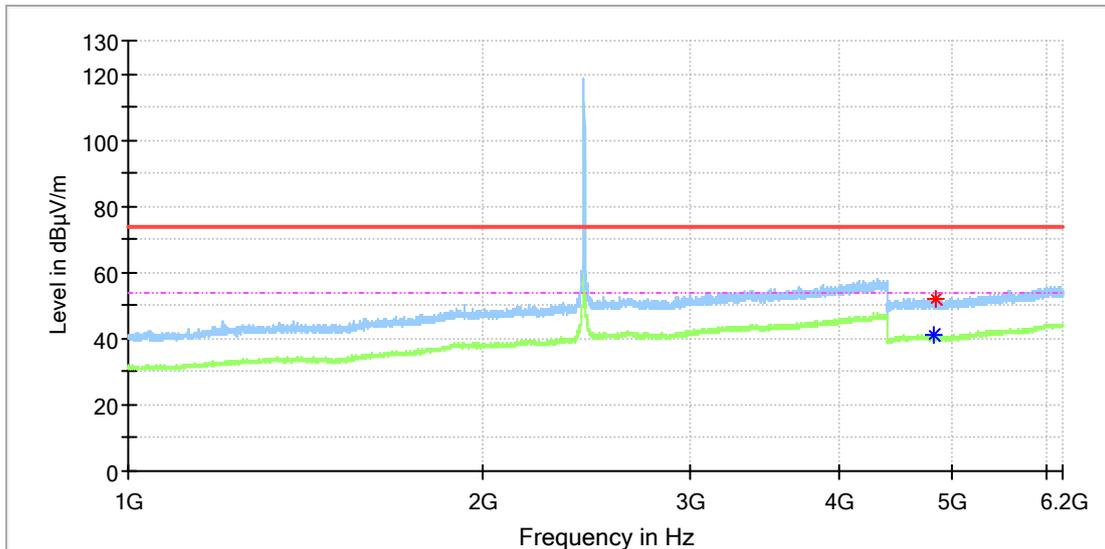
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

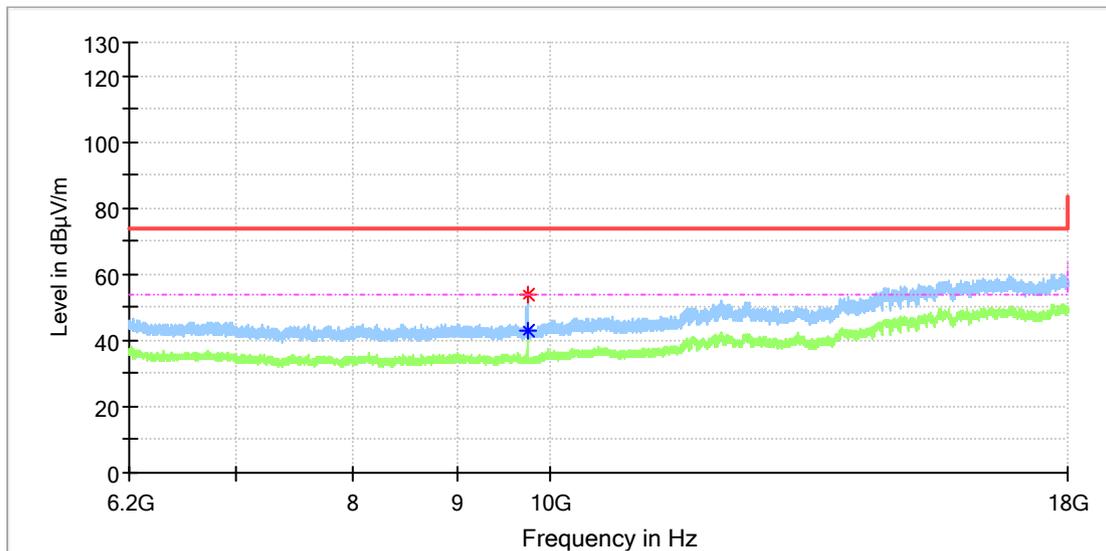
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4812.500000	---	41.19	54.00	12.81	150.0	H	116.0	13.3
4845.500000	51.88	---	74.00	22.12	150.0	H	60.0	13.3

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 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

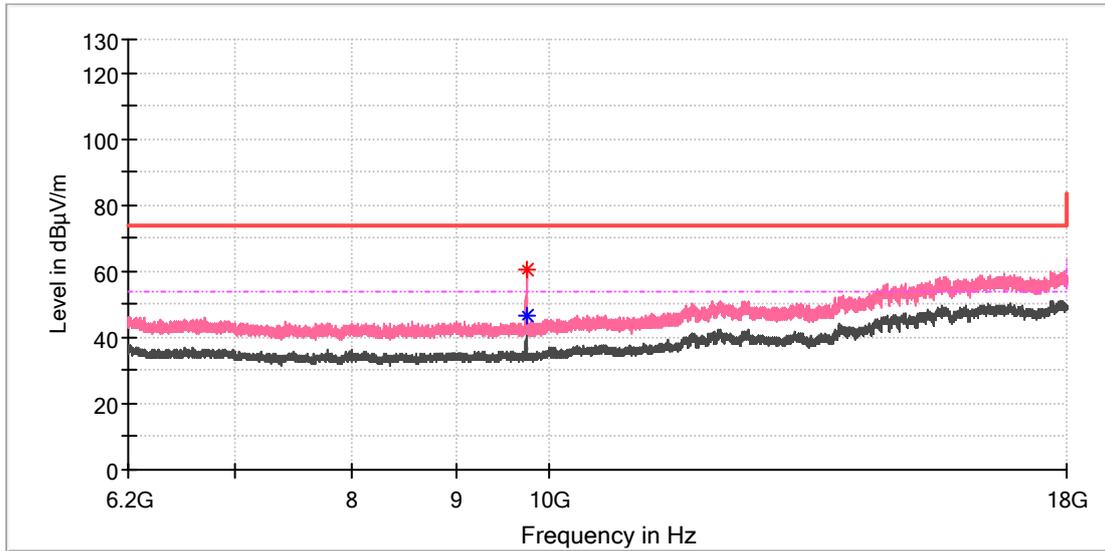
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9742.458333	---	42.69	54.00	11.31	150.0	H	221.0	10.4
9742.458333	53.75	---	74.00	20.25	150.0	H	221.0	10.4

Final Result

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

EUT Information

EUT Name: D-RTK 3 Multifunctional Station
 Model: R600BS
 Test Mode: SDR 2.4G_1.4M_2435.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

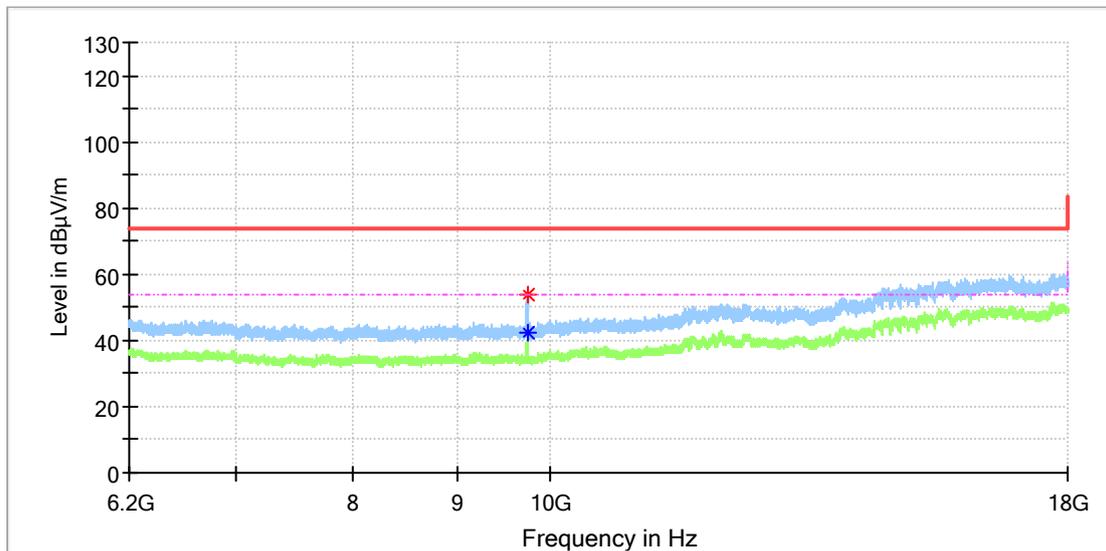
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9740.983333	60.30	---	74.00	13.70	150.0	V	173.0	10.4
9741.475000	---	46.67	54.00	7.33	150.0	V	100.0	10.4

Final Result

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

EUT Information

EUT Name: D-RTK 3 Multifunctional Station
 Model: R600BS
 Test Mode: SDR 2.4G_3M_2435.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

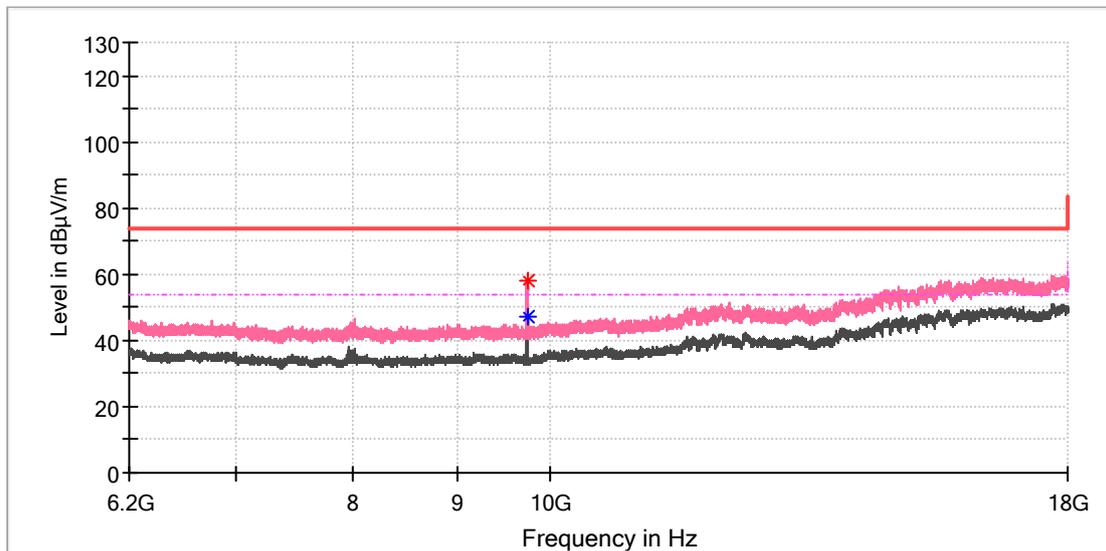
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9741.475000	---	42.49	54.00	11.51	150.0	H	225.0	10.4
9741.966667	53.56	---	74.00	20.44	150.0	H	225.0	10.4

Final Result

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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_3M_2435.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

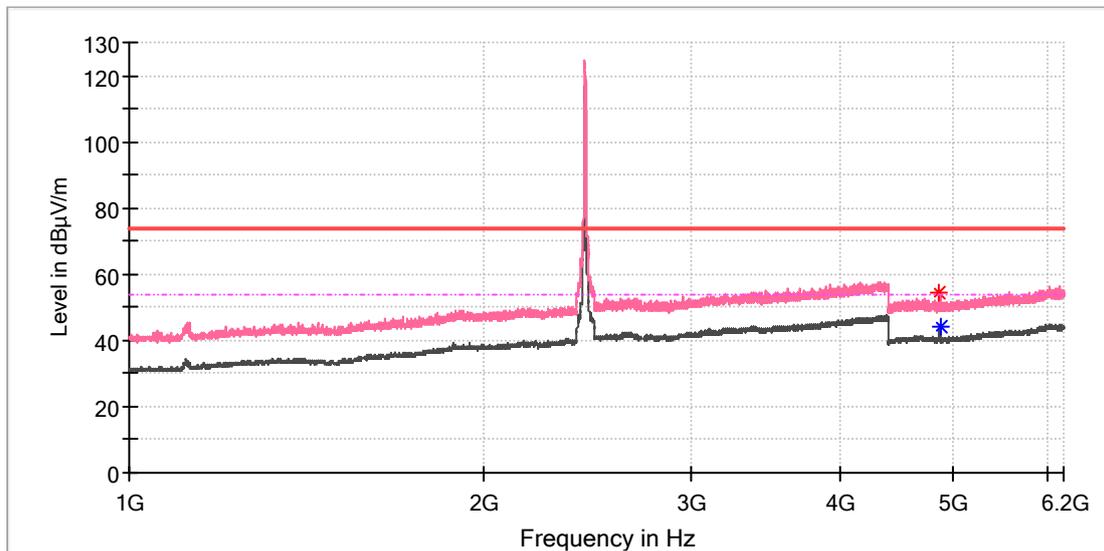
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9740.983333	---	47.08	54.00	6.92	150.0	V	169.0	10.4
9743.933333	57.94	---	74.00	16.06	150.0	V	122.0	10.4

Final Result

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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_5M_2434.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

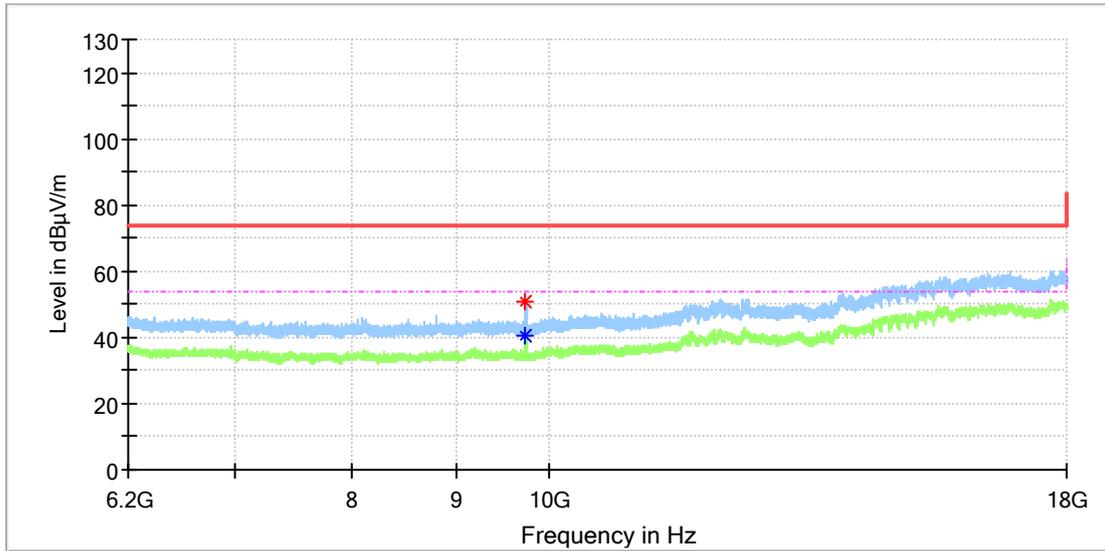
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4867.500000	54.53	---	74.00	19.47	150.0	V	258.0	13.3
4869.000000	---	43.95	54.00	10.05	150.0	V	245.0	13.3

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 2.4G_5M_2434.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

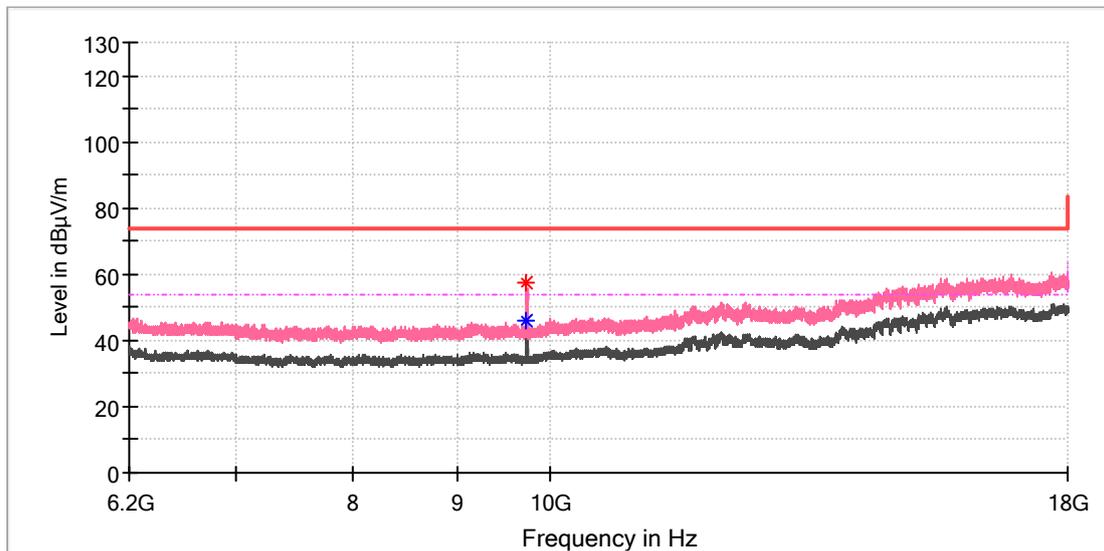
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9735.083333	51.09	---	74.00	22.91	150.0	H	248.0	10.4
9737.050000	---	40.70	54.00	13.30	150.0	H	248.0	10.4

Final Result

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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_5M_2434.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

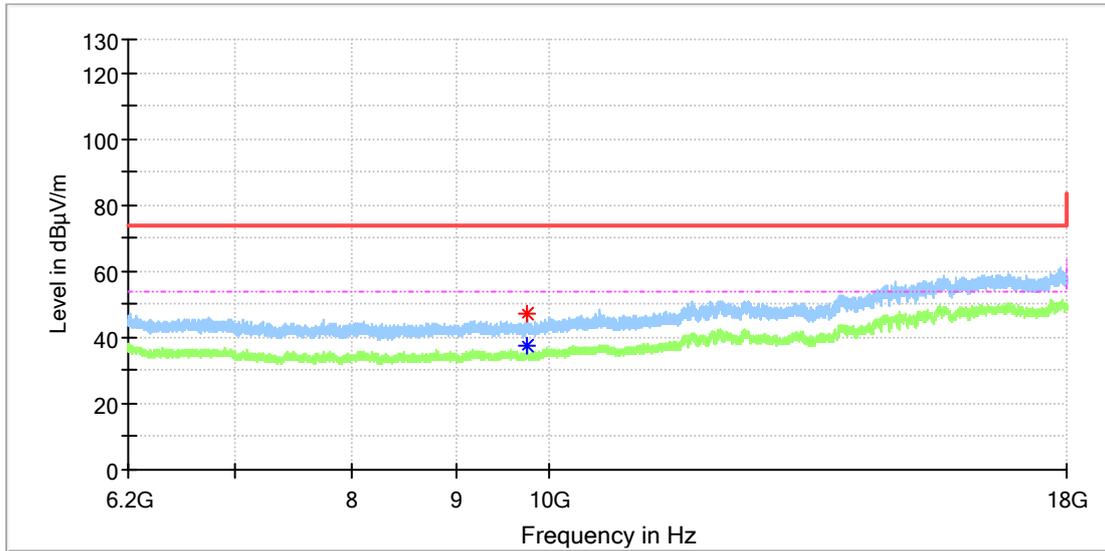
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9734.100000	57.24	---	74.00	16.76	150.0	V	117.0	10.4
9738.525000	---	45.78	54.00	8.22	150.0	V	117.0	10.4

Final Result

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

EUT Information

EUT Name: D-RTK 3 Multifunctional Station
 Model: R600BS
 Test Mode: SDR 2.4G_10M_2437.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

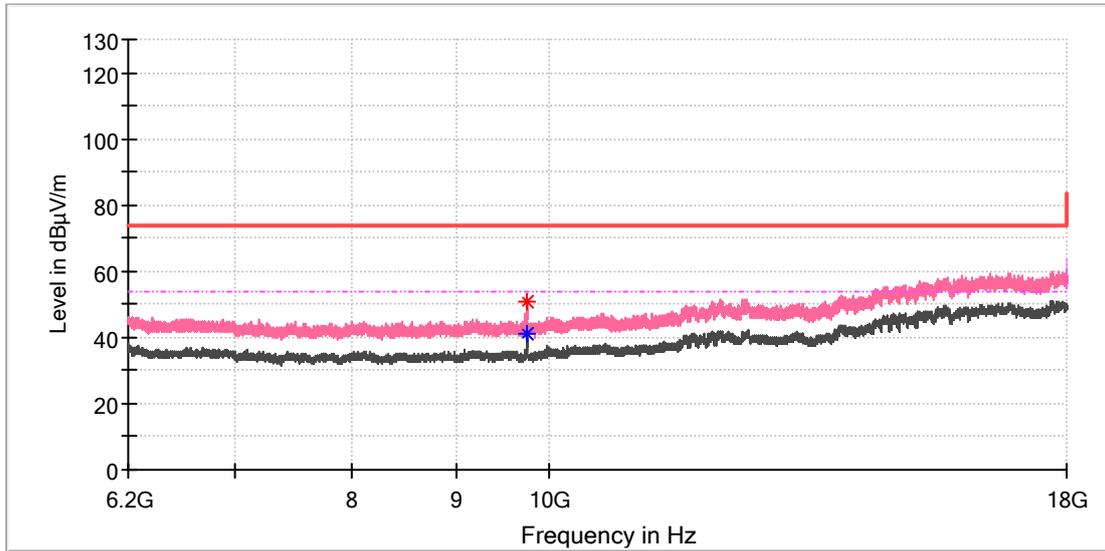
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9748.358333	47.21	---	74.00	26.79	150.0	H	155.0	10.4
9750.325000	---	37.30	54.00	16.70	150.0	H	209.0	10.4

Final Result

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

EUT Information

EUT Name: D-RTK 3 Multifunctional Station
 Model: R600BS
 Test Mode: SDR 2.4G_10M_2437.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

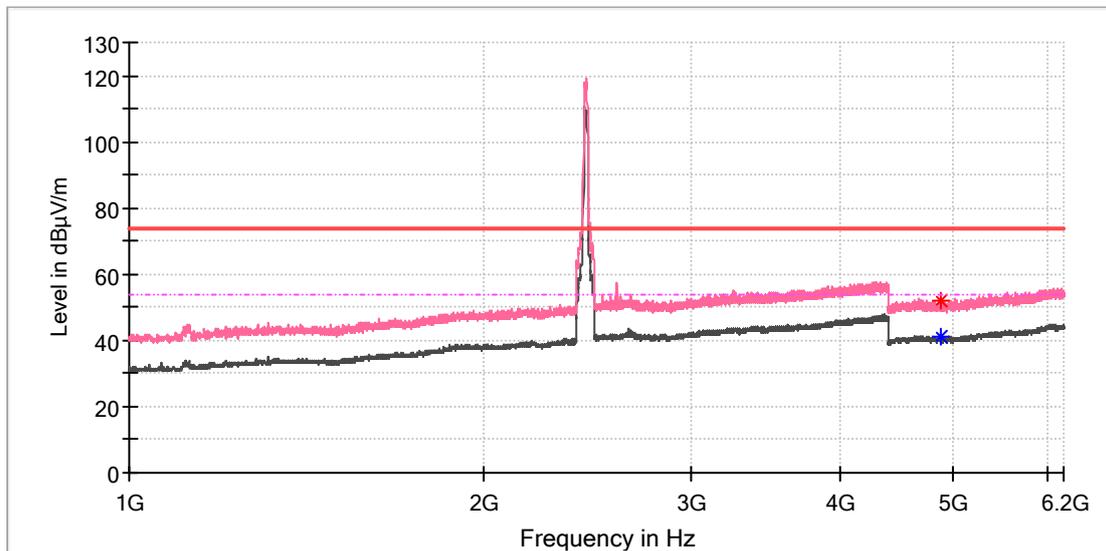
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9746.883333	50.69	---	74.00	23.31	150.0	V	117.0	10.4
9749.341667	---	41.13	54.00	12.87	150.0	V	117.0	10.4

Final Result

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

EUT Information

EUT Name: D-RTK 3 Multifunctional Station
 Model: R600BS
 Test Mode: SDR 2.4G_20M_2437.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

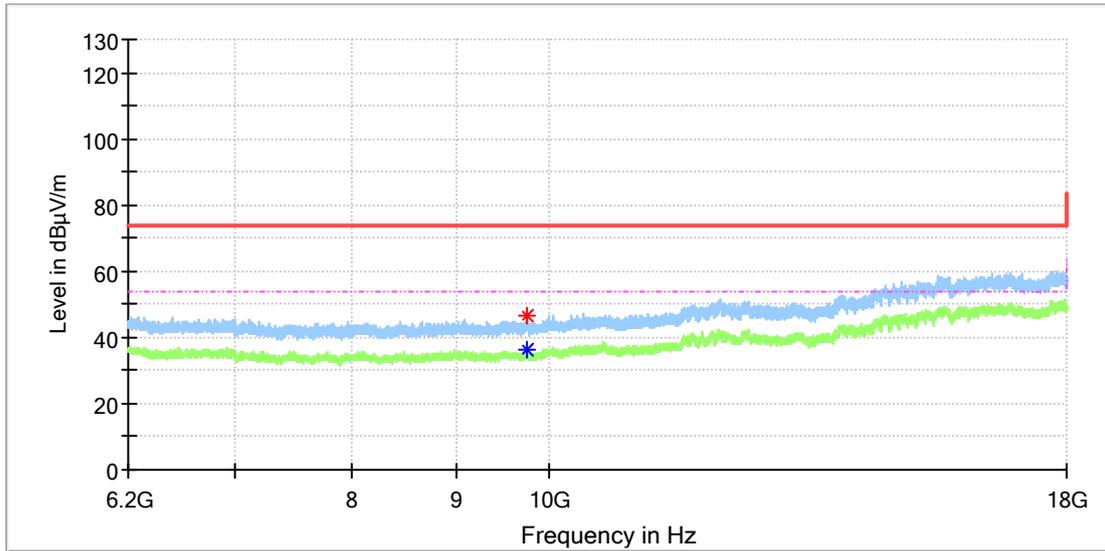
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.000000	51.74	---	74.00	22.26	150.0	V	0.0	13.3
4870.000000	---	41.09	54.00	12.91	150.0	V	0.0	13.3

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 2.4G_20M_2437.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

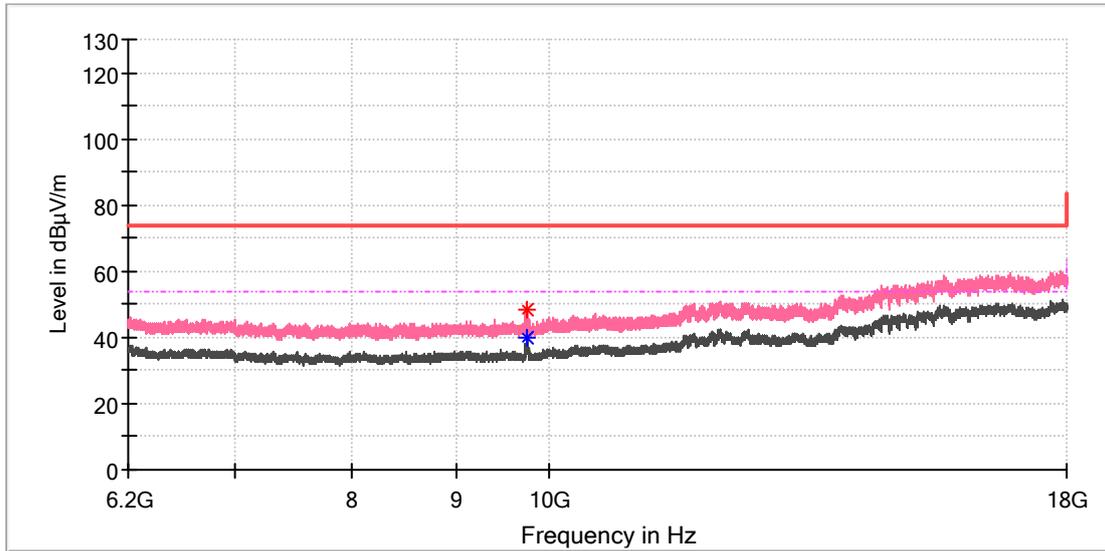
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9748.850000	46.36	---	74.00	27.64	150.0	H	204.0	10.4
9755.733333	---	36.44	54.00	17.56	150.0	H	204.0	10.4

Final Result

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

EUT Information

EUT Name: D-RTK 3 Multifunctional Station
 Model: R600BS
 Test Mode: SDR 2.4G_20M_2437.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

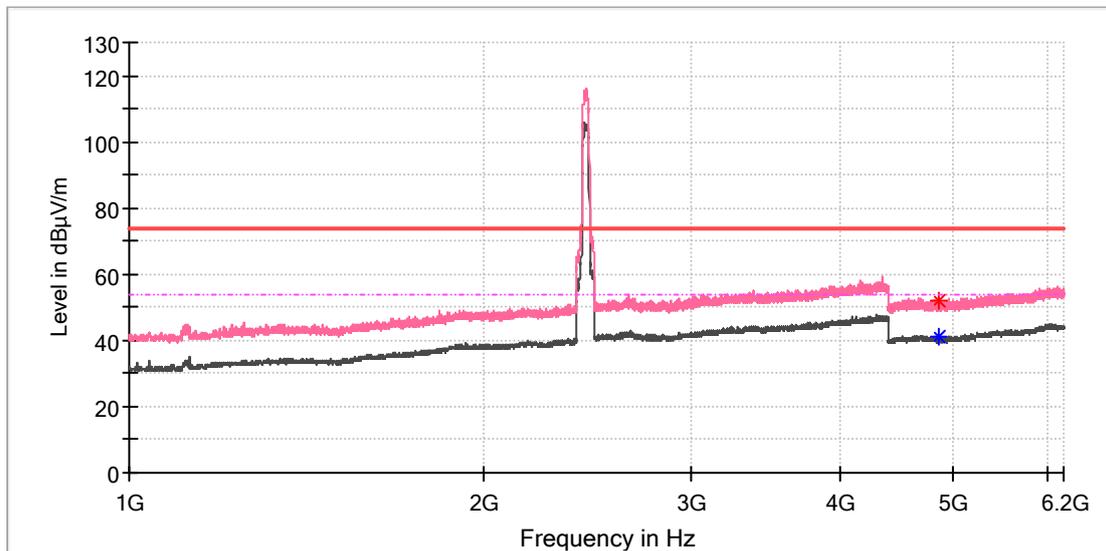
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9745.900000	---	39.69	54.00	14.31	150.0	V	117.0	10.4
9754.258333	48.47	---	74.00	25.53	150.0	V	117.0	10.4

Final Result

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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_40M_2437.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

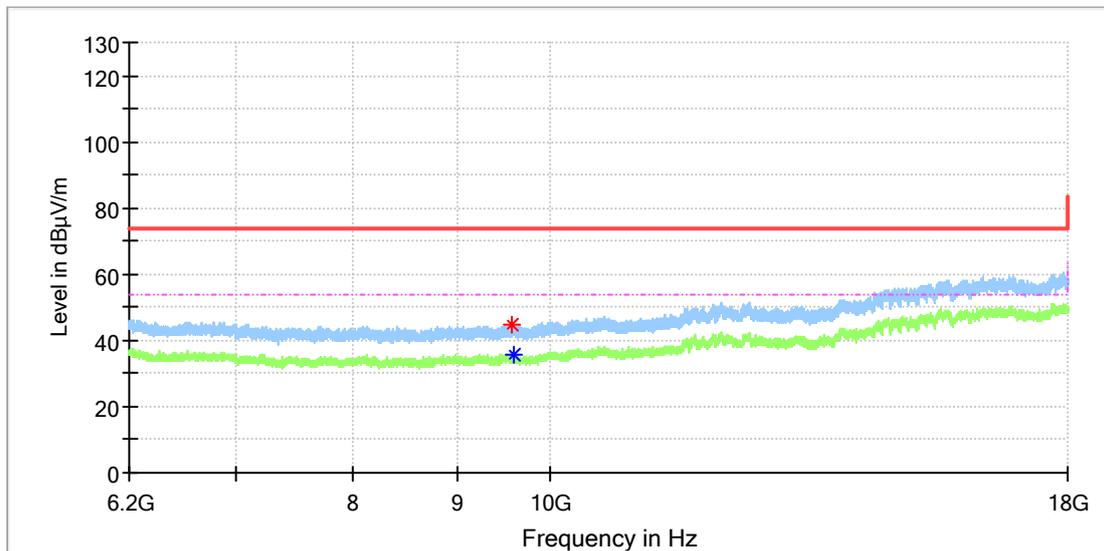
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4861.000000	---	40.94	54.00	13.06	150.0	V	95.0	13.3
4863.000000	51.76	---	74.00	22.24	150.0	V	51.0	13.3

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 2.4G_40M_2437.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

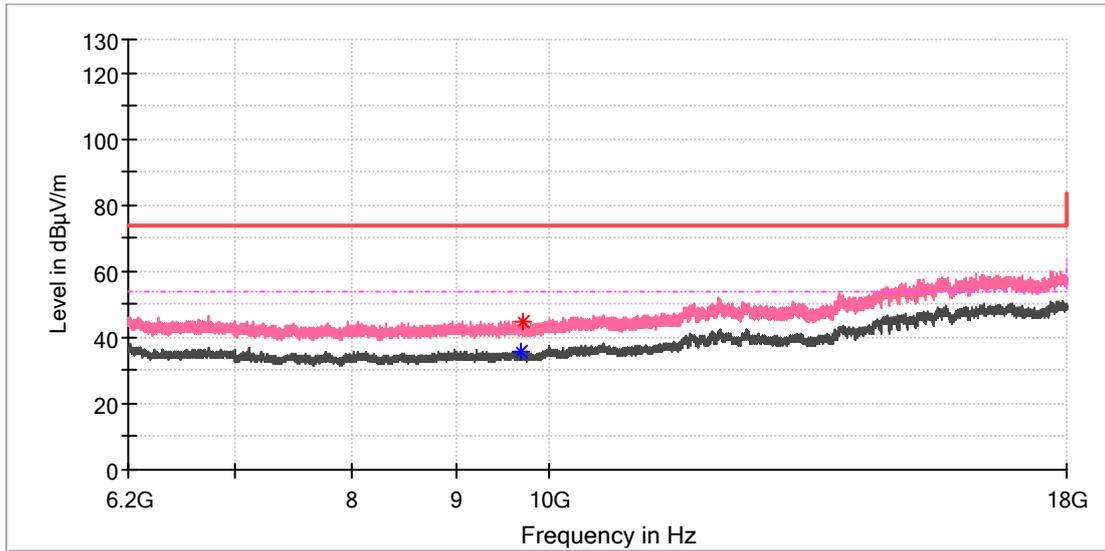
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9584.633333	44.70	---	74.00	29.30	150.0	H	87.0	10.3
9595.941667	---	35.96	54.00	18.04	150.0	H	158.0	10.3

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 2.4G_40M_2437.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

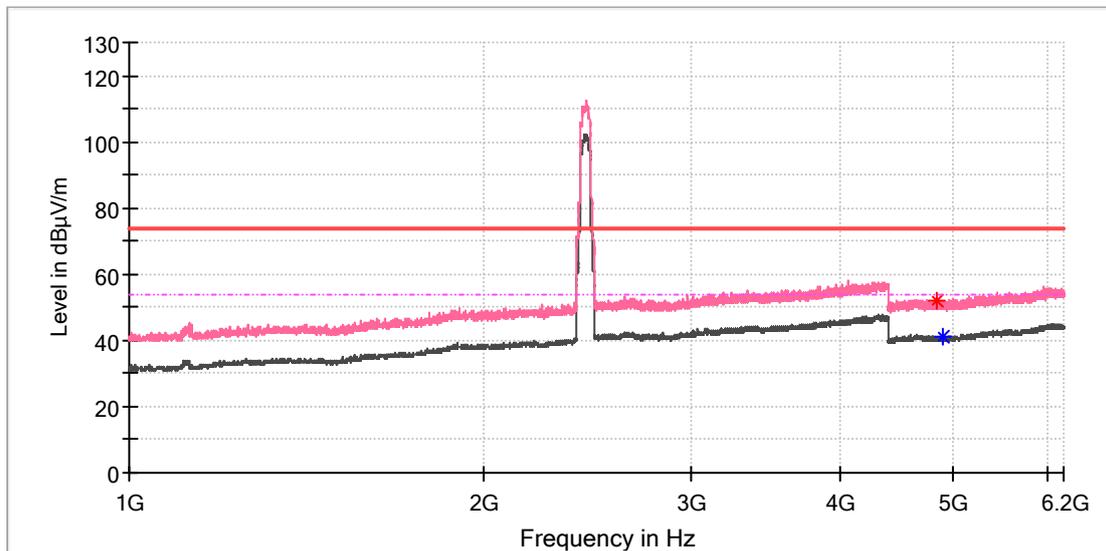
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9690.341667	---	35.84	54.00	18.16	150.0	V	47.0	10.4
9705.091667	44.83	---	74.00	29.17	150.0	V	322.0	10.4

Final Result

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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_60M_2437.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

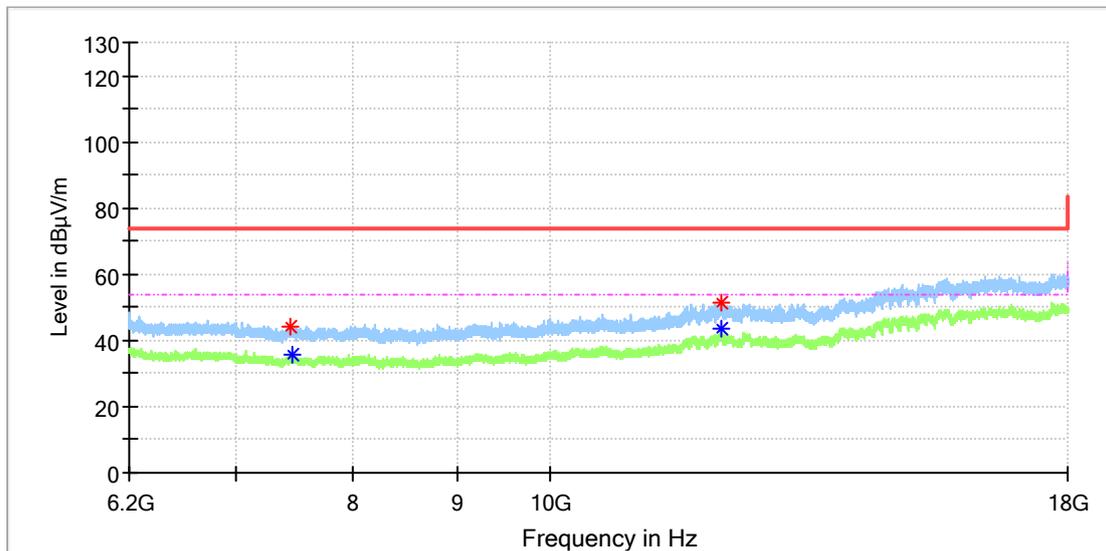
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4847.500000	52.01	---	74.00	21.99	150.0	V	341.0	13.3
4900.000000	---	41.15	54.00	12.85	150.0	V	252.0	13.3

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 2.4G_60M_2437.5MHz
 Order No/Sample No: 168492000/A003834149-006
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

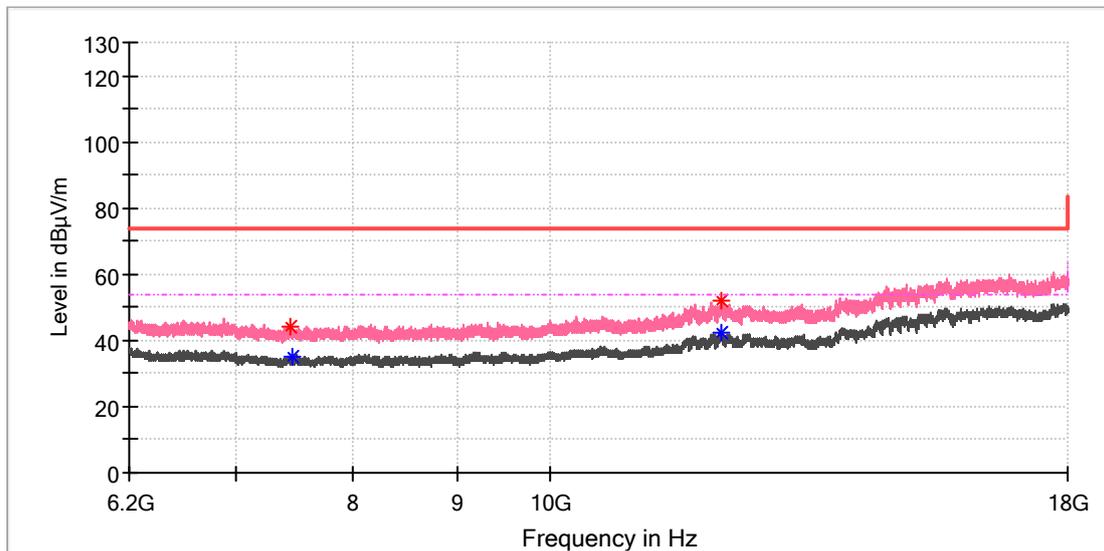
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7446.375000	43.86	---	74.00	30.14	150.0	H	144.0	8.5
7468.991667	---	35.86	54.00	18.14	150.0	H	18.0	8.6
12149.166667	---	43.24	54.00	10.76	150.0	H	81.0	16.7
12155.066667	51.44	---	74.00	22.56	150.0	H	253.0	16.5

Final Result

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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_60M_2437.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
7446.866667	44.29	---	74.00	29.71	150.0	V	354.0	8.5
7464.075000	---	35.21	54.00	18.79	150.0	V	18.0	8.6
12140.316667	---	42.62	54.00	11.38	150.0	V	247.0	16.5
12155.066667	51.76	---	74.00	22.24	150.0	V	139.0	16.5

Final Result

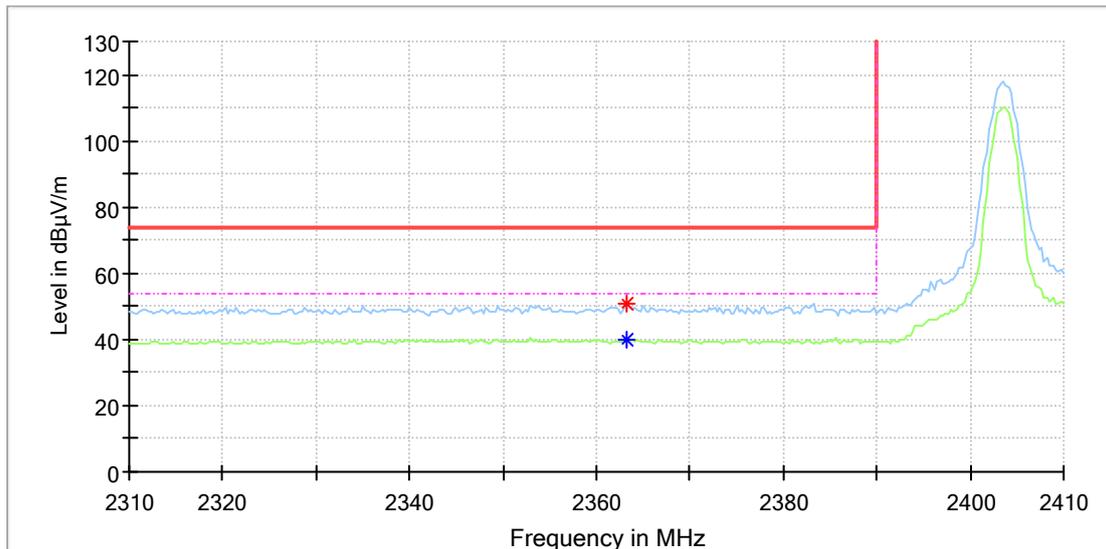
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

2.4GHz SDR, 1.4MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
2363.235294	---	39.79	54.00	14.21	150.0	H	106.0	8.5
2363.235294	50.84	---	74.00	23.16	150.0	H	106.0	8.5

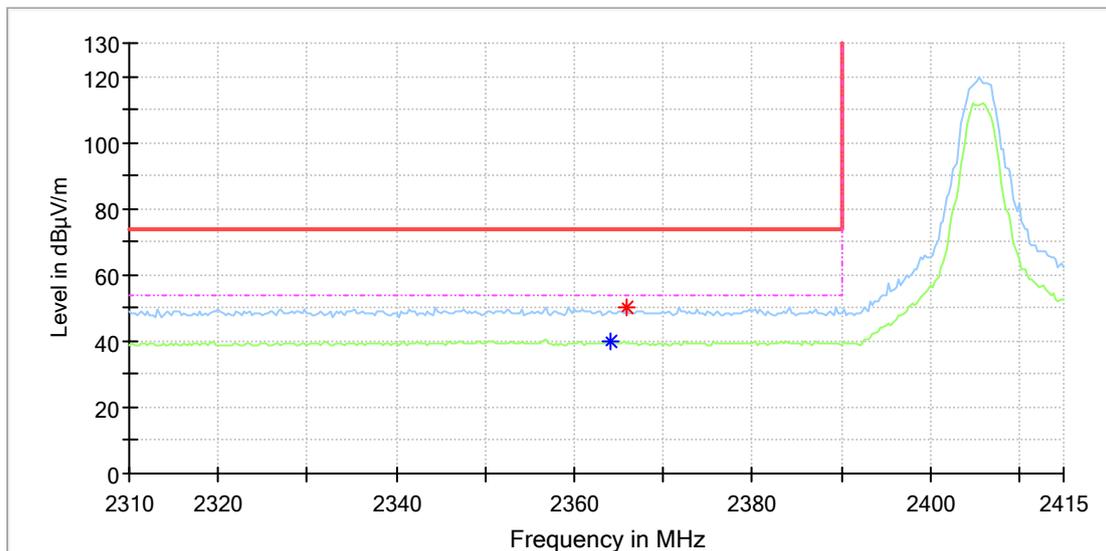
Final_Result

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

2.4GHz SDR, 3MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_3M_2405.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
2364.117647	---	39.99	54.00	14.01	150.0	H	129.0	8.5
2365.882353	50.22	---	74.00	23.78	150.0	H	7.0	8.5

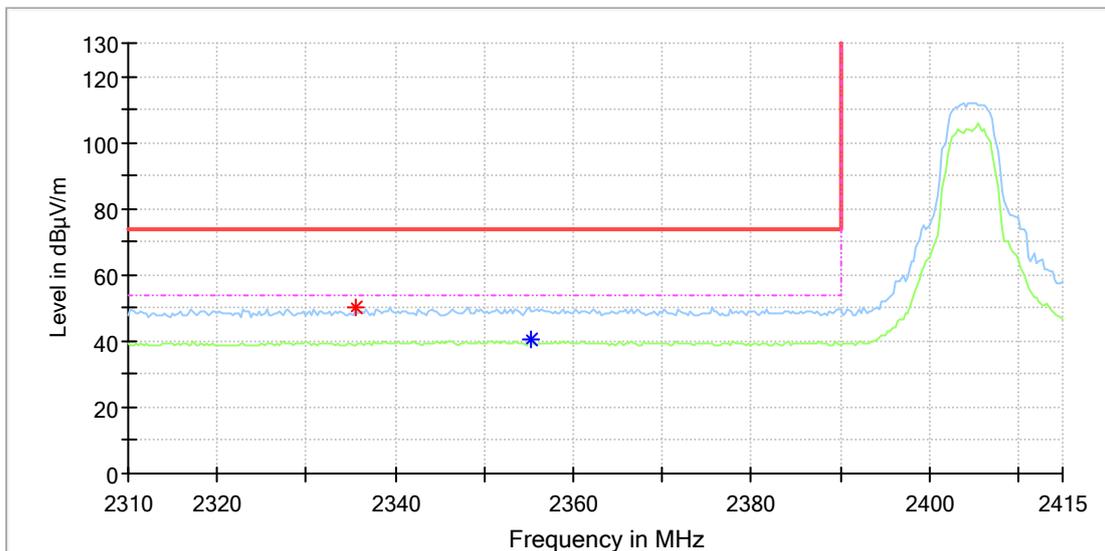
Final Result

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

2.4GHz SDR, 5MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_5M_2404.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
2335.588235	50.37	---	74.00	23.63	150.0	H	74.0	8.4
2355.294118	---	40.31	54.00	13.69	150.0	H	108.0	8.5

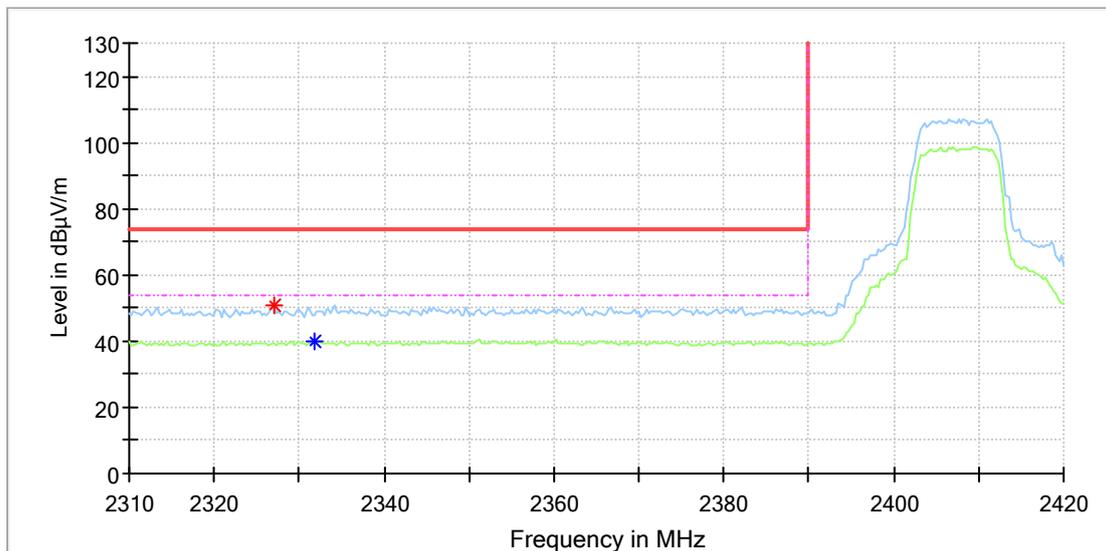
Final Result

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

2.4GHz SDR, 10MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_10M_2407.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
2327.058824	50.82	---	74.00	23.18	150.0	H	327.0	8.3
2331.764706	---	39.79	54.00	14.21	150.0	H	155.0	8.3

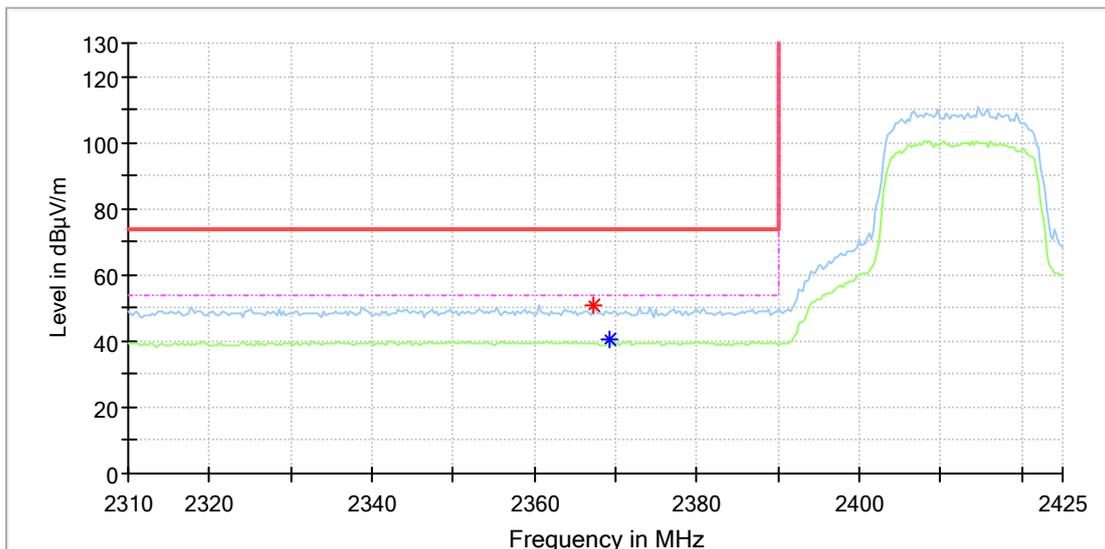
Final Result

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

2.4GHz SDR, 20MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_20M_2412.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
2367.352941	51.00	---	74.00	23.00	150.0	H	185.0	8.5
2369.117647	---	40.49	54.00	13.51	150.0	H	93.0	8.5

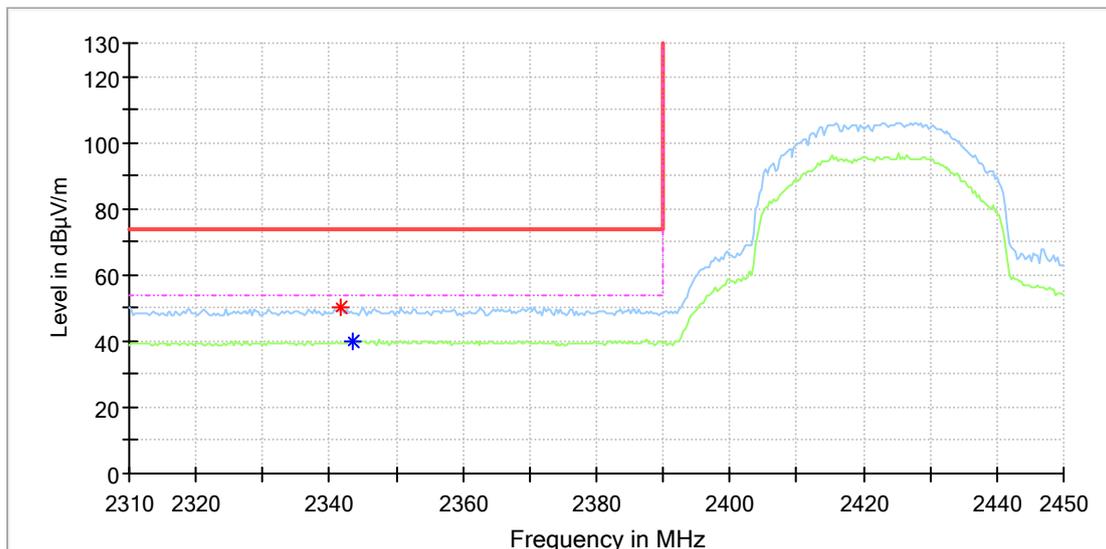
Final Result

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

2.4GHz SDR, 40MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_40M_2422.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
2341.764706	50.49	---	74.00	23.51	150.0	H	236.0	8.4
2343.529412	---	40.08	54.00	13.92	150.0	H	286.0	8.4

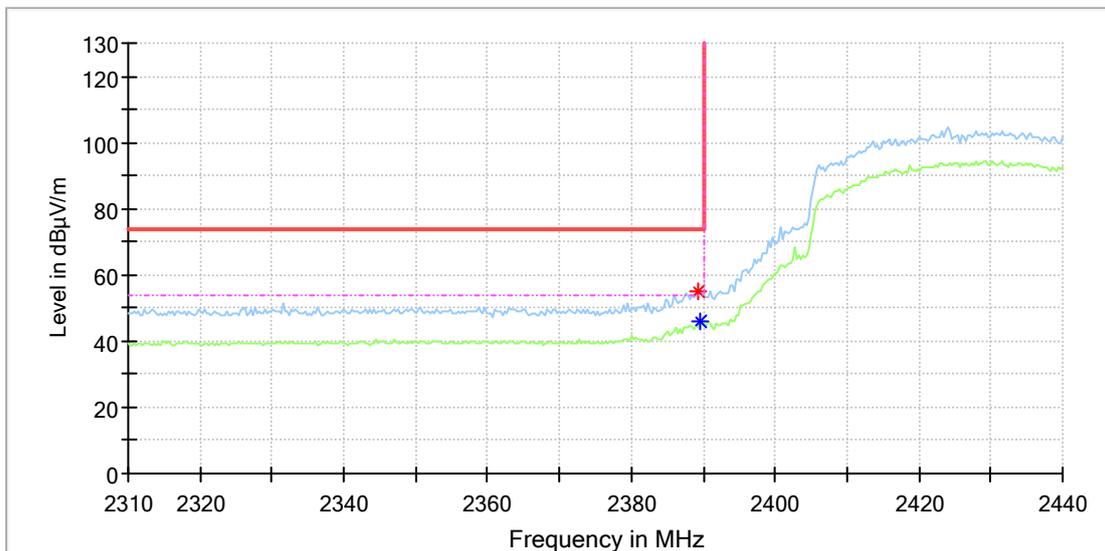
Final Result

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

2.4GHz SDR, 60MHz BW

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_60M_2432.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

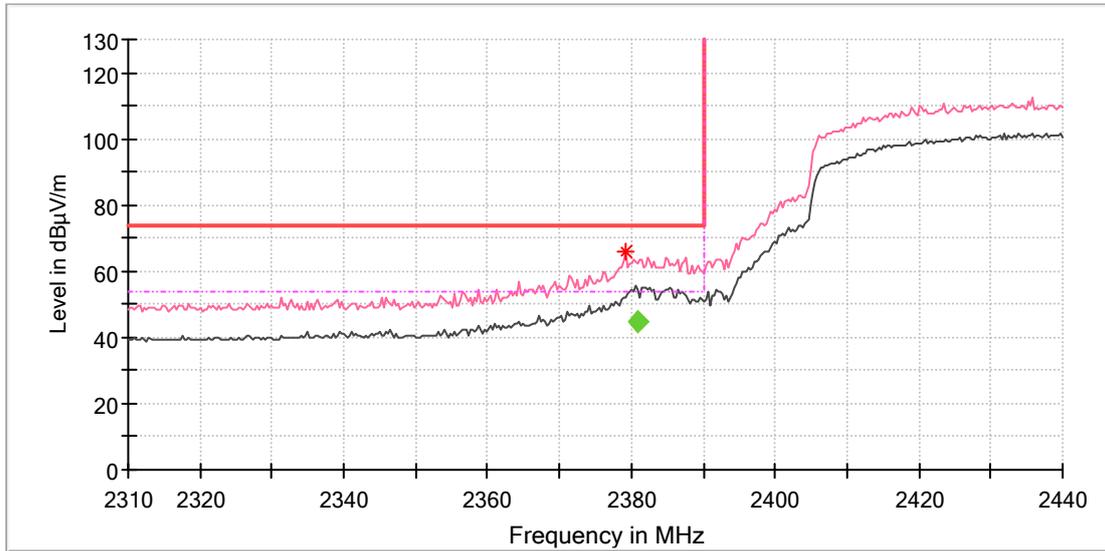
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	55.00	---	74.00	19.00	150.0	H	228.0	8.5
2389.705882	---	45.70	54.00	8.30	150.0	H	249.0	8.5

Final Result

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

EUT Information

EUT Name:	D-RTK 3 Multifunctional Station
Model:	R600BS
Test Mode:	SDR 2.4G_60M_2432.5MHz
Order No/Sample No:	168492000/A003834149-006
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
2379.117647	65.73	---	74.00	8.27	150.0	V	12.0	8.5

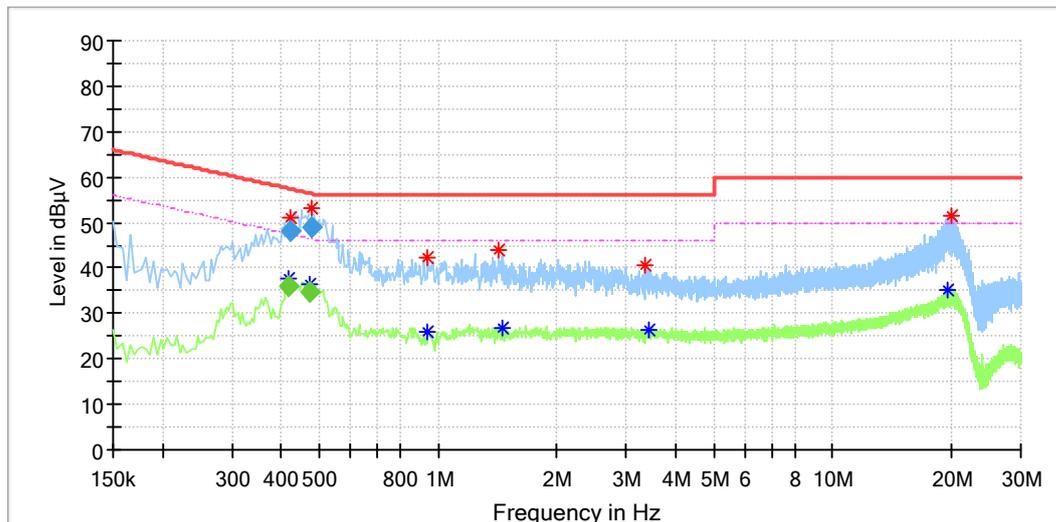
Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2380.906029	45.01	54.00	8.99	150.0	V	1.0	8.5

Appendix B.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:	2.4G 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

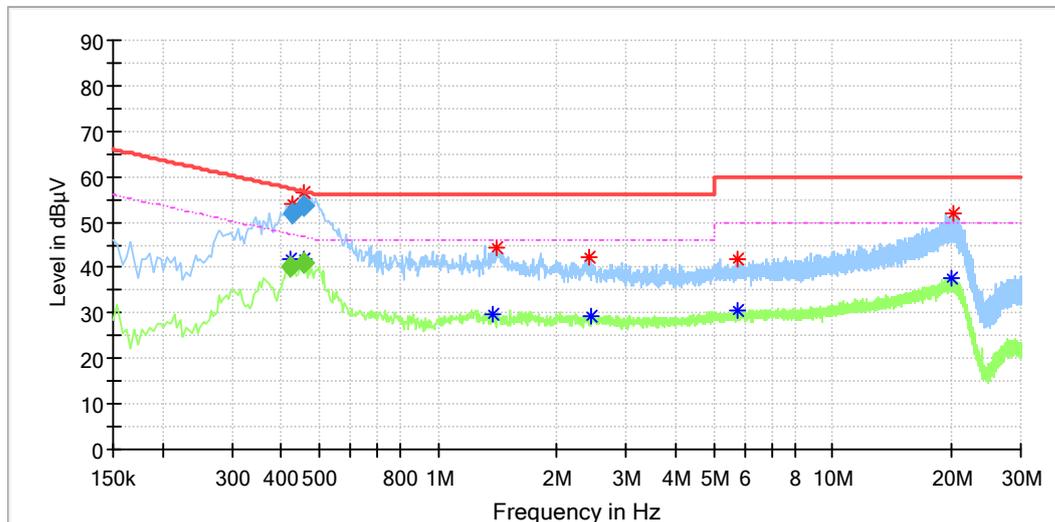
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.417500	---	37.49	47.57	10.08	L1	9.9
0.421500	51.28	---	57.49	6.21	L1	9.9
0.473500	---	36.60	46.44	9.84	L1	10.0
0.477500	53.31	---	56.44	3.13	L1	10.0
0.942000	---	25.93	46.00	20.07	L1	10.0
0.942000	42.25	---	56.00	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:	2.4G 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