

## Appendix A: Test Results of FCC 15B

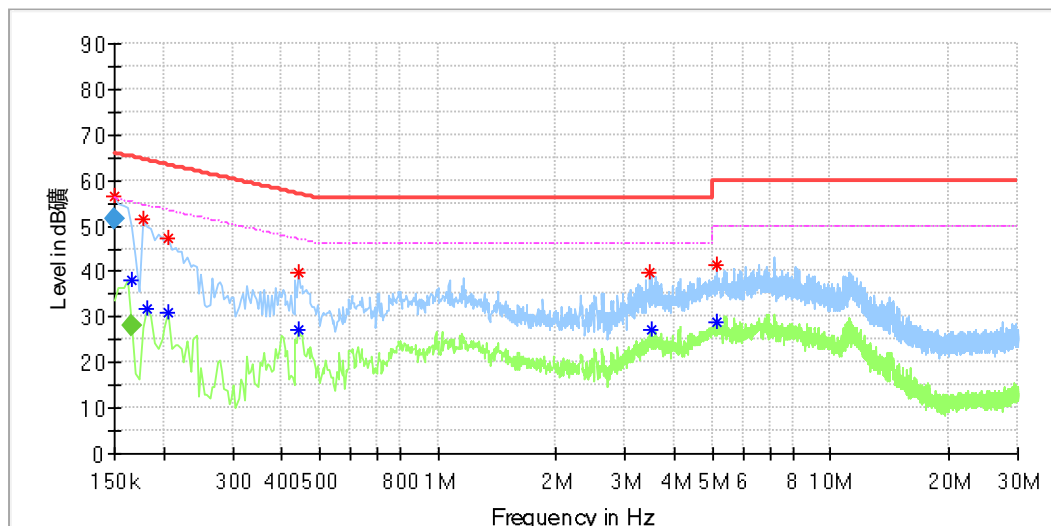
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## Appendix A.1: Test Results of Conducted Emission on AC Mains

Charging by PC USB Port

### EUT Information

EUT Name:	DTR STITCH LED KIDS HEADPHONE
Order Number:	168451365
Model:	DTRHPSTRDPRM
Test Mode:	Charging by PC USB Port
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15B
Test By:/Review By:	Steve Lan/ Gary Chen
Tem./Hum./Pressure:	25.0°C/51.2%/101kPa
Remark:	SR2



### Critical Freqs

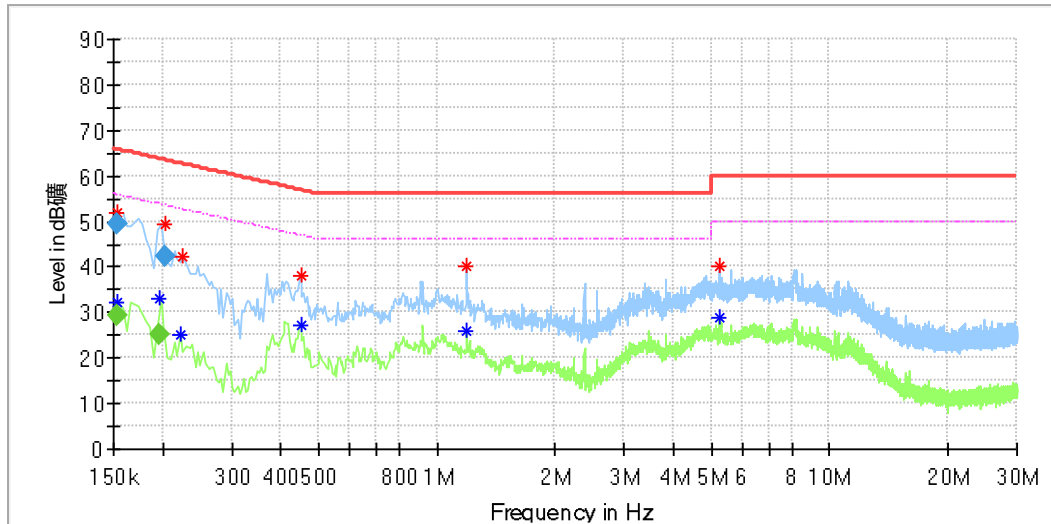
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	56.47	---	66.00	9.53	L1	9.9
0.165500	---	37.94	55.36	17.42	L1	9.9
0.178000	51.49	---	64.58	13.09	L1	9.9
0.182000	---	31.66	54.39	22.73	L1	9.9
0.206000	---	31.01	53.37	22.35	L1	9.9
0.206000	47.51	---	63.37	15.86	L1	9.9
0.442000	---	27.20	47.02	19.83	L1	9.9
0.442000	39.60	---	57.02	17.43	L1	9.9
3.474000	39.92	---	56.00	16.08	L1	10.2
3.482000	---	27.31	46.00	18.69	L1	10.2
5.110000	---	28.77	50.00	21.23	L1	10.3
5.154000	41.29	---	60.00	18.71	L1	10.3

### Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	51.42	---	66.00	14.58	1000.0	9.000	L1	9.9
0.165500	---	27.90	55.18	27.28	1000.0	9.000	L1	9.9

## EUT Information

EUT Name:	DTR STITCH LED KIDS HEADPHONE
Order Number:	168451365
Model:	DTRHPSTRDPRM
Test Mode:	Charging by PC USB Port
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15B
Test By:/Review By:	Steve Lan/ Gary Chen
Tem./Hum./Pressure:	25.0°C/51.2%/101kPa
Remark:	SR2



## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.153500	51.74	---	65.57	13.83	N	9.8
0.154000	---	32.06	55.78	23.72	N	9.8
0.197500	---	32.88	53.69	20.81	N	9.8
0.202500	49.32	---	63.69	14.37	N	9.8
0.222000	---	25.17	52.74	27.57	N	9.8
0.226000	42.38	---	62.60	20.21	N	9.8
0.450000	---	27.28	46.88	19.60	N	9.8
0.450000	37.98	---	56.88	18.89	N	9.8
1.190000	---	25.98	46.00	20.02	N	9.8
1.190000	39.99	---	56.00	16.01	N	9.8
5.222000	40.11	---	60.00	19.89	N	9.9
5.274000	---	28.91	50.00	21.09	N	9.9

## Final\_Result

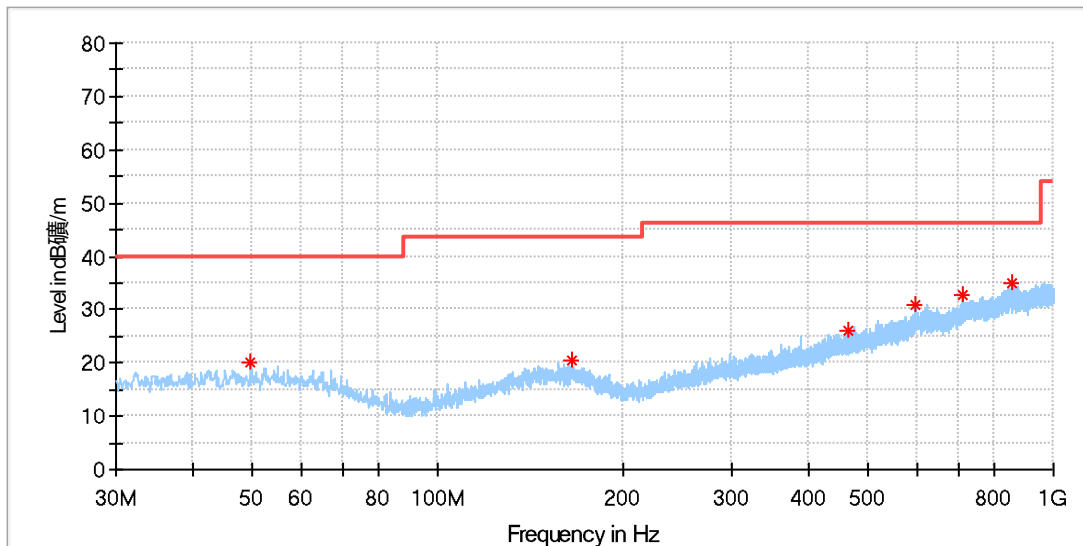
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.153500	49.43	---	65.81	16.38	1000.0	9.000	N	9.8
0.154000	---	29.47	55.78	26.31	1000.0	9.000	N	9.8
0.197500	---	25.12	53.72	28.60	1000.0	9.000	N	9.8
0.202500	42.10	---	63.51	21.41	1000.0	9.000	N	9.8

## Appendix A.2: Test Results of Radiated Emission, Below 1GHz

Aux In

### EUT Information

EUT Name:	DTR STITCH LED KIDS HEADPHONE
Order Number:	168451365
Model:	DTRHPSTRDPRM
Test Mode:	Aux In
Test Voltage:	Battery
Test Standard:	FCC Part 15B
Test By:/Review By:	Steve Lan/Gary Chen
Tem./Hum./Pressure:	23.3°C/51.1%/101kPa
Remark:	3m chamber

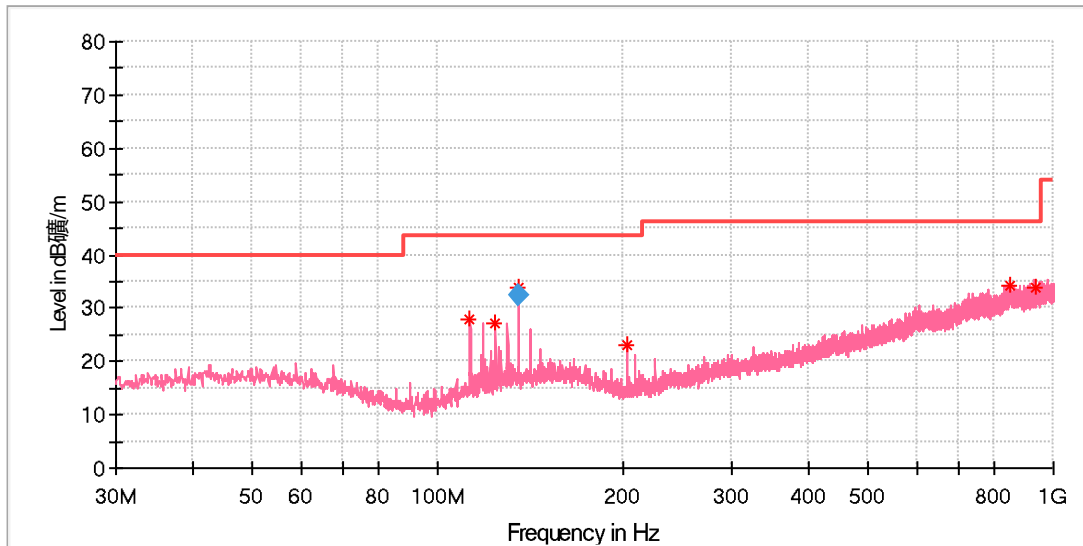


### Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
462.620000	25.94	46.00	20.06	100.0	H	0.0	25.9
713.171000	32.67	46.00	13.33	100.0	H	39.0	31.0
597.159000	30.73	46.00	15.27	100.0	H	172.0	29.1
49.691000	20.23	40.00	19.77	100.0	H	182.0	20.7
854.306000	34.88	46.00	11.12	100.0	H	235.0	33.2
165.218000	20.33	43.50	23.17	200.0	H	184.0	20.7

## EUT Information

EUT Name: DTR STITCH LED KIDS HEADPHONE  
 Order Number: 168451365  
 Model: DTRHPSTRDPRM  
 Test Mode: Aux In  
 Test Voltage: Battery  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan/Gary Chen  
 Tem./Hum./Pressure: 23.3°C/51.1%/101kPa  
 Remark: 3m chamber



## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
112.838000	28.01	43.50	15.49	100.0	V	244.0	17.7
124.187000	27.25	43.50	16.25	100.0	V	201.0	18.7
135.479000	33.92	43.50	9.58	100.0	V	225.0	19.9
203.145000	22.90	43.50	20.60	100.0	V	0.0	17.5
848.583000	34.22	46.00	11.78	200.0	V	193.0	33.2
937.532000	33.68	46.00	12.32	100.0	V	323.0	33.9

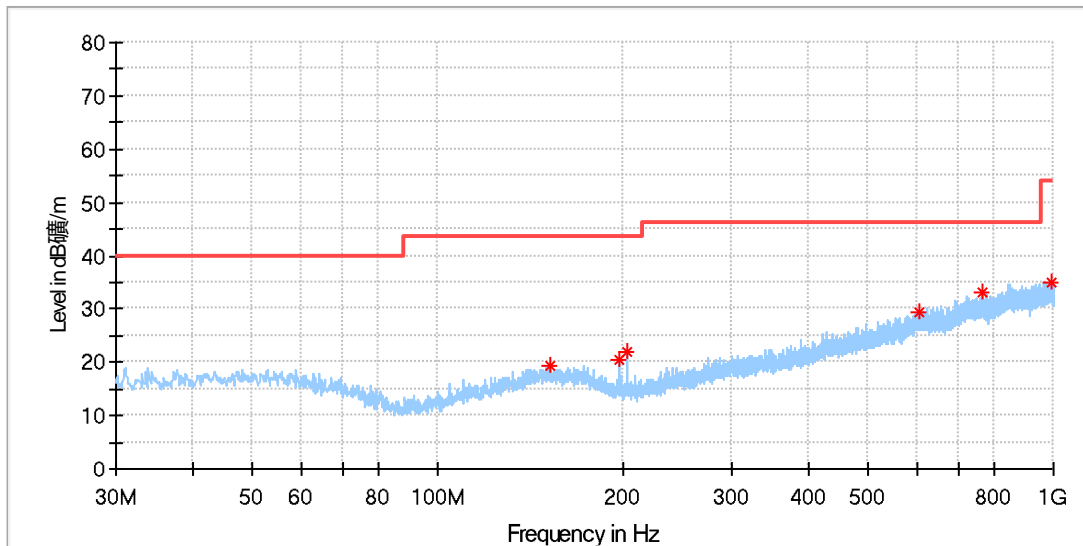
## Final\_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
135.479000	32.43	43.50	11.07	1000.0	120.000	100.0	V	225.0	19.9

Bluetooth mode

### EUT Information

EUT Name:	DTR STITCH LED KIDS HEADPHONE
Order Number:	168451365
Model:	DTRHPSTRDPRM
Test Mode:	Bluetooth
Test Voltage:	Battery
Test Standard:	FCC Part 15B
Test By:/Review By:	Steve Lan/Gary Chen
Tem./Hum./Pressure:	23.3°C/51.1%/101kPa
Remark:	3m chamber

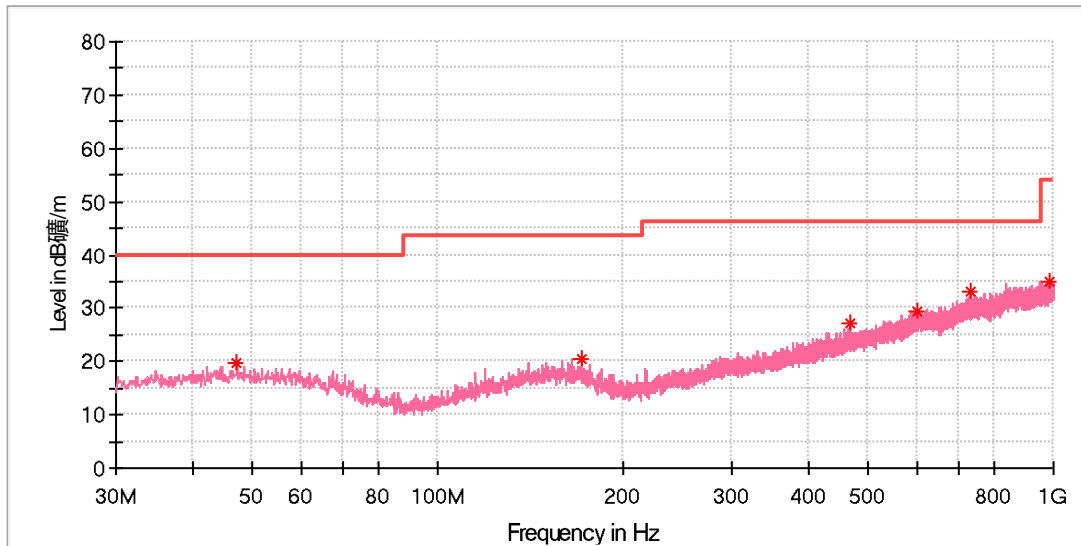


### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
197.519000	20.55	43.50	22.95	100.0	H	20.0	17.6
768.849000	33.14	46.00	12.86	100.0	H	40.0	32.0
991.561000	35.11	54.00	18.89	100.0	H	141.0	34.5
152.026000	19.41	43.50	24.09	100.0	H	186.0	20.8
203.145000	22.08	43.50	21.42	200.0	H	0.0	17.5
604.628000	29.34	46.00	16.66	200.0	H	170.0	29.4

## EUT Information

EUT Name: DTR STITCH LED KIDS HEADPHONE  
 Order Number: 168451365  
 Model: DTRHPSTRDPRM  
 Test Mode: Bluetooth  
 Test Voltage: Battery  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan/Gary Chen  
 Tem./Hum./Pressure: 23.3°C/51.1%/101kPa  
 Remark: 3m chamber



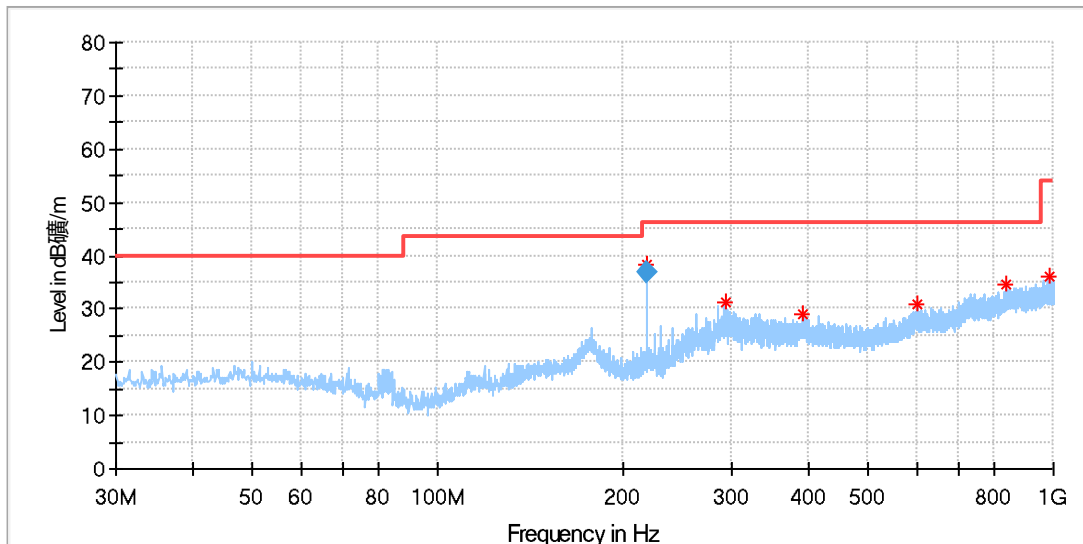
## Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.169000	19.64	40.00	20.36	100.0	V	58.0	20.7
468.634000	27.32	46.00	18.68	100.0	V	265.0	26.1
734.123000	32.98	46.00	13.02	100.0	V	274.0	31.5
171.329000	20.55	43.50	22.95	200.0	V	109.0	20.3
983.413000	35.02	54.00	18.98	200.0	V	144.0	34.5
601.815000	29.54	46.00	16.46	200.0	V	212.0	29.3

Charging by PC USB Port

**EUT Information**

EUT Name: DTR STITCH LED KIDS HEADPHONE  
 Order Number: 168451365  
 Model: DTRHPSTRDPRM  
 Test Mode: Charging by PC USB Port  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan/Gary Chen  
 Tem./Hum./Pressure: 23.3°C/51.1%/101kPa  
 Remark: 3m chamber



**Critical\_Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
218.996000	38.14	46.00	7.86	100.0	H	149.0	17.7
294.131000	31.28	46.00	14.72	100.0	H	31.0	21.4
391.131000	29.05	46.00	16.95	100.0	H	249.0	24.0
600.457000	30.93	46.00	15.07	200.0	H	105.0	29.2
837.913000	34.65	46.00	11.35	100.0	H	278.0	33.2
983.316000	36.20	54.00	17.80	100.0	H	0.0	34.5

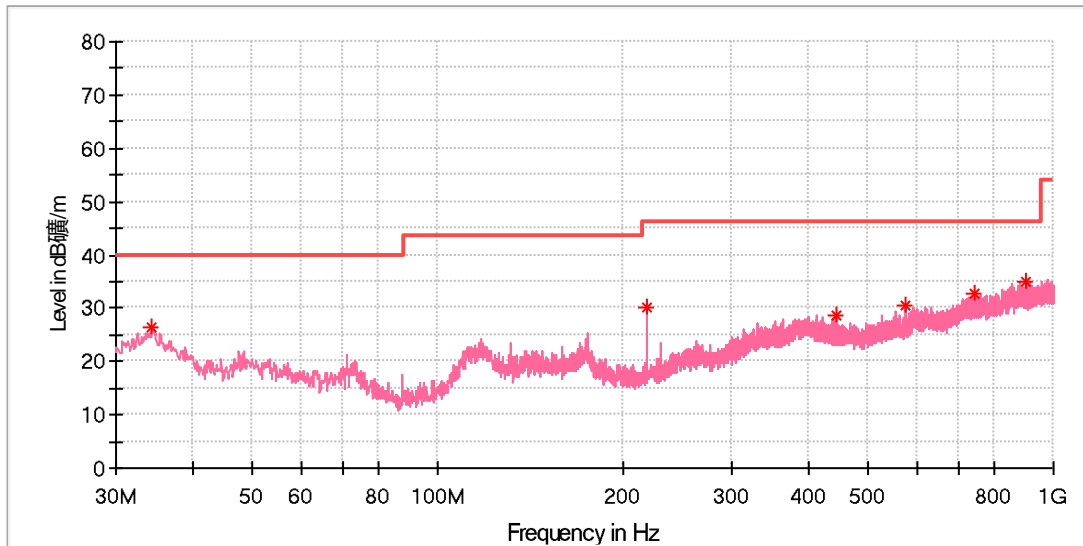
**Final\_Result**

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
218.996000	36.74	46.00	9.26	1000.0	120.000	100.0	H	149.0	17.7



## EUT Information

EUT Name:	DTR STITCH LED KIDS HEADPHONE
Order Number:	168451365
Model:	DTRHPSTRDPRM
Test Mode:	Charging by PC USB Port
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15B
Test By:/Review By:	Steve Lan/Gary Chen
Tem./Hum./Pressure:	23.3°C/51.1%/101kPa
Remark:	3m chamber



## Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
219.053000	30.24	46.00	15.76	100.0	V	19.0	17.7
573.297000	30.36	46.00	15.64	100.0	V	73.0	28.0
34.365000	26.54	40.00	13.46	100.0	V	102.0	19.4
901.642000	35.08	46.00	10.92	100.0	V	234.0	33.3
742.465000	32.88	46.00	13.12	100.0	V	263.0	31.6
445.160000	28.73	46.00	17.27	200.0	V	177.0	25.6

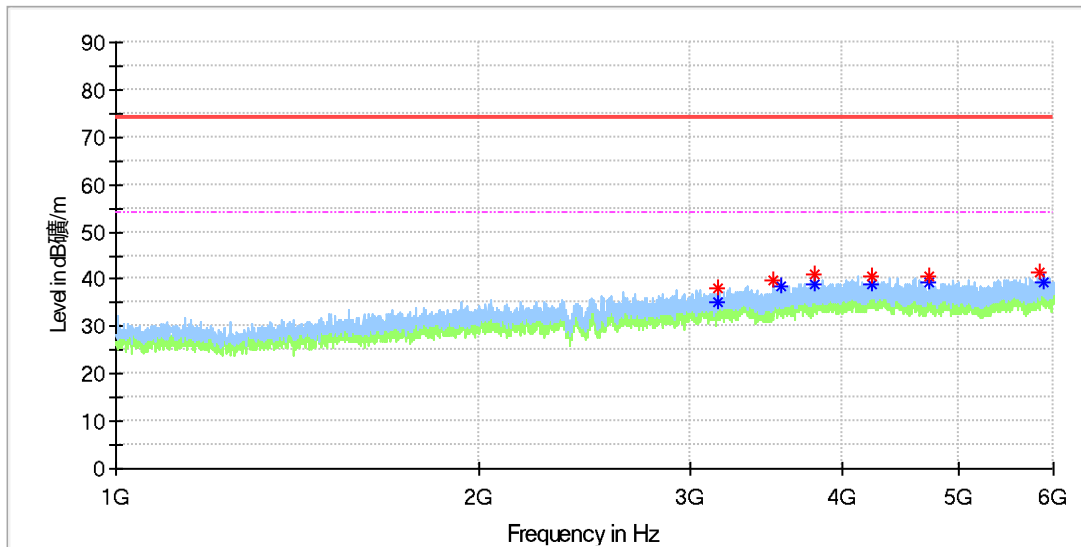
### Appendix A.3: Test Results of Radiated Emission, Above 1GHz

Note: Testing was carried out within frequency range 30MHz to the 5<sup>th</sup> harmonics. The measurement results above 6GHz were greater than 20dB below the limit, so only record the test result within the 30MHz to 6GHz.

Aux In

### EUT Information

EUT Name:	DTR STITCH LED KIDS HEADPHONE
Order Number:	168451365
Model:	DTRHPSTRDPRM
Test Mode:	Aux In
Test Voltage:	Battery
Test Standard:	FCC Part 15B
Test By:/Review By:	Steve Lan/Gary Chen
Tem./Hum./Pressure:	23.3°C/51.1%/101kPa
Remark:	3m chamber

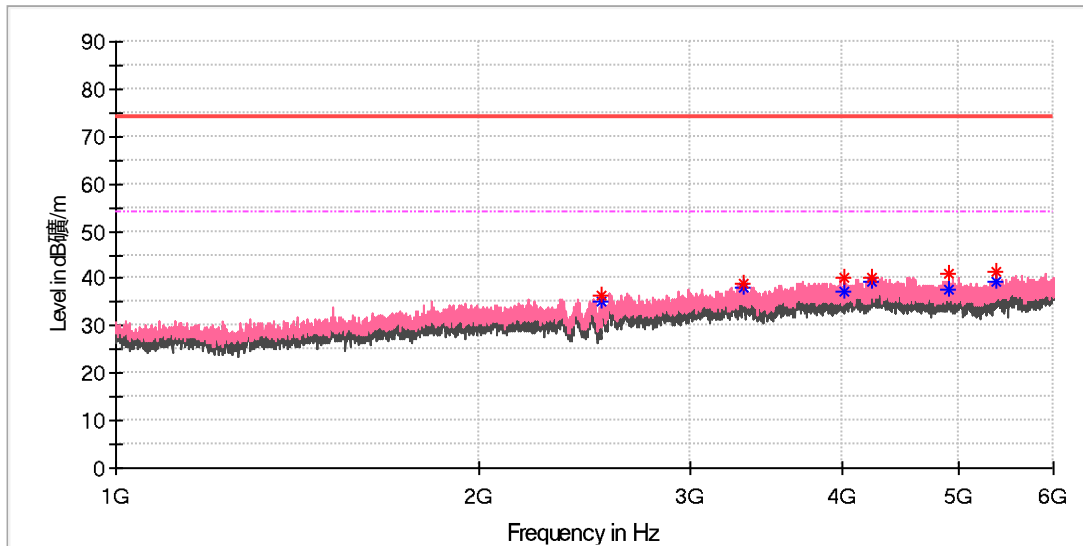


### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3155.000000	---	35.17	54.00	18.83	100.0	H	115.0	-2.5
3155.000000	37.99	---	74.00	36.01	100.0	H	115.0	-2.5
3509.500000	39.90	---	74.00	34.10	100.0	H	308.0	-2.0
3570.500000	---	38.68	54.00	15.32	100.0	H	238.0	-1.3
3795.500000	---	38.99	54.00	15.01	100.0	H	7.0	-0.5
3795.500000	40.86	---	74.00	33.14	100.0	H	7.0	-0.5
4238.000000	40.78	---	74.00	33.22	100.0	H	92.0	0.9
4238.000000	---	39.13	54.00	14.87	100.0	H	92.0	0.9
4735.500000	---	39.29	54.00	14.71	100.0	H	228.0	0.4
4735.500000	40.63	---	74.00	33.37	100.0	H	228.0	0.4
5850.000000	41.23	---	74.00	32.77	100.0	H	56.0	3.4
5895.000000	---	39.33	54.00	14.67	100.0	H	142.0	3.6

### EUT Information

EUT Name: DTR STITCH LED KIDS HEADPHONE  
 Order Number: 168451365  
 Model: DTRHPSTRDPRM  
 Test Mode: Aux In  
 Test Voltage: Battery  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan/Gary Chen  
 Tem./Hum./Pressure: 23.3°C/51.1%/101kPa  
 Remark: 3m chamber



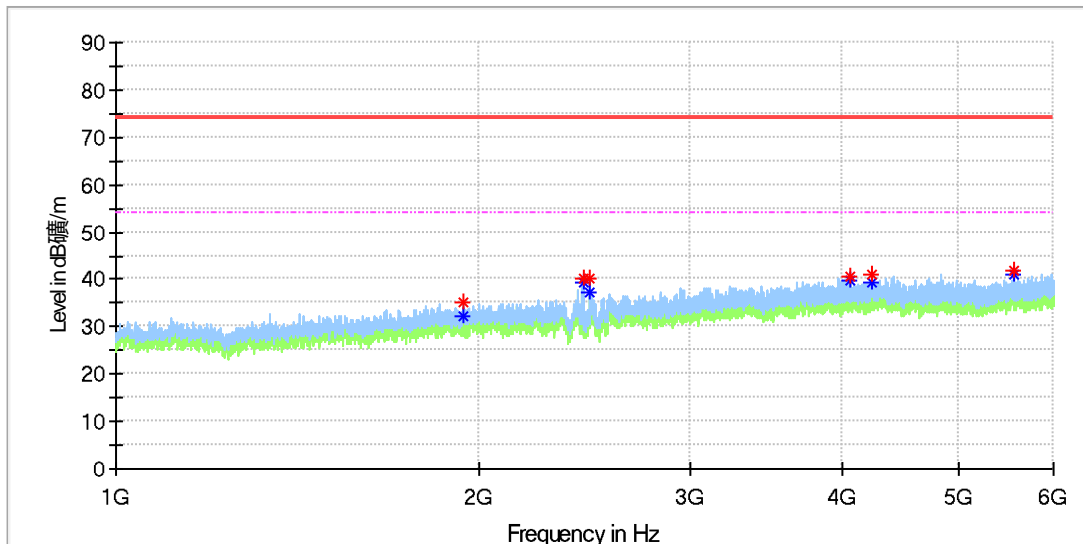
### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2530.500000	36.41	---	74.00	37.59	100.0	V	0.0	-5.1
2531.000000	---	35.13	54.00	18.87	100.0	V	0.0	-5.1
3318.000000	---	38.17	54.00	15.83	100.0	V	34.0	-1.8
3318.000000	38.85	---	74.00	35.15	100.0	V	34.0	-1.8
4029.500000	40.31	---	74.00	33.69	100.0	V	319.0	0.1
4029.500000	---	37.07	54.00	16.93	100.0	V	319.0	0.1
4244.500000	---	39.28	54.00	14.72	100.0	V	203.0	1.0
4244.500000	40.38	---	74.00	33.62	100.0	V	203.0	1.0
4915.000000	---	37.74	54.00	16.26	100.0	V	182.0	1.5
4915.000000	41.00	---	74.00	33.00	100.0	V	182.0	1.5
5387.500000	41.40	---	74.00	32.60	100.0	V	117.0	2.4
5387.500000	---	39.33	54.00	14.67	100.0	V	117.0	2.4

Bluetooth mode

### EUT Information

EUT Name:	DTR STITCH LED KIDS HEADPHONE
Order Number:	168451365
Model:	DTRHPSTRDPRM
Test Mode:	Bluetooth
Test Voltage:	Battery
Test Standard:	FCC Part 15B
Test By:/Review By:	Steve Lan/Gary Chen
Tem./Hum./Pressure:	23.3°C/51.1%/101kPa
Remark:	3m chamber

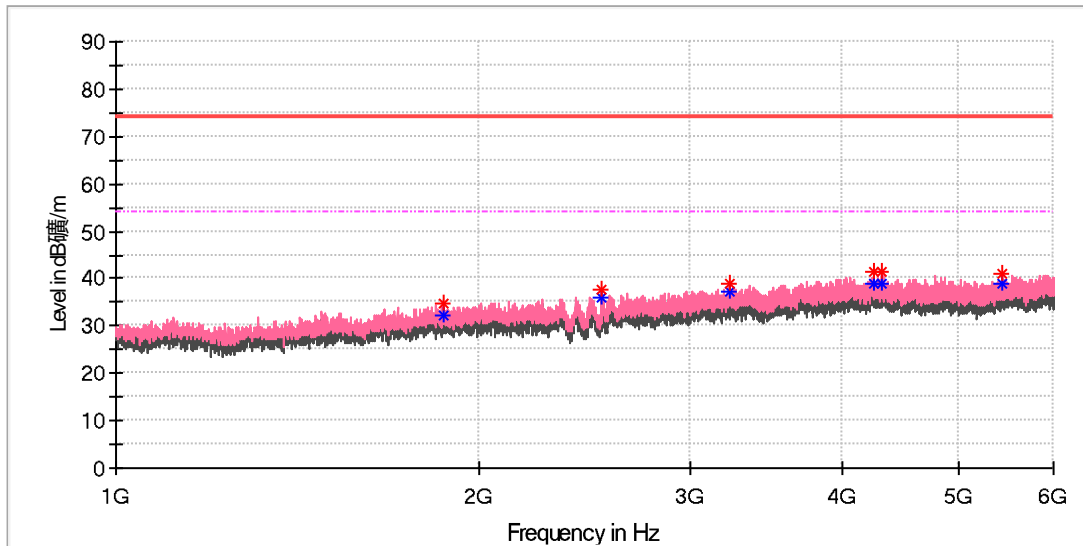


### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1945.000000	---	32.09	54.00	21.91	100.0	H	175.0	-7.4
1945.000000	35.21	---	74.00	38.79	100.0	H	175.0	-7.4
2445.500000	---	39.21	54.00	14.79	100.0	H	342.0	-5.5
2445.500000	40.27	---	74.00	33.73	100.0	H	342.0	-5.5
2474.500000	40.27	---	74.00	33.73	100.0	H	308.0	-5.6
2475.000000	---	37.41	54.00	16.59	100.0	H	308.0	-5.6
4072.500000	---	39.69	54.00	14.31	100.0	H	0.0	0.2
4072.500000	40.70	---	74.00	33.30	100.0	H	0.0	0.2
4237.000000	---	39.36	54.00	14.64	100.0	H	213.0	0.8
4237.000000	40.85	---	74.00	33.15	100.0	H	213.0	0.8
5554.500000	---	40.99	54.00	13.01	100.0	H	260.0	3.1
5554.500000	42.02	---	74.00	31.98	100.0	H	260.0	3.1

## EUT Information

EUT Name: DTR STITCH LED KIDS HEADPHONE  
 Order Number: 168451365  
 Model: DTRHPSTRDPRM  
 Test Mode: Bluetooth  
 Test Voltage: Battery  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan/Gary Chen  
 Tem./Hum./Pressure: 23.3°C/51.1%/101kPa  
 Remark: 3m chamber



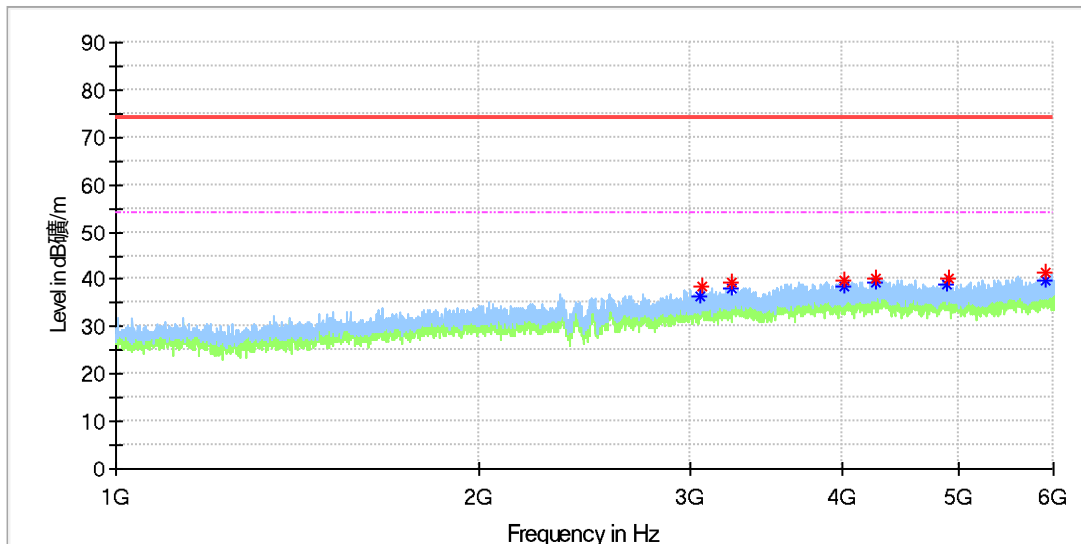
## Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1868.500000	34.91	---	74.00	39.09	100.0	V	189.0	-7.7
1868.500000	---	32.29	54.00	21.71	100.0	V	189.0	-7.7
2532.000000	---	36.05	54.00	17.95	100.0	V	136.0	-5.1
2532.000000	37.73	---	74.00	36.27	100.0	V	136.0	-5.1
3226.500000	38.85	---	74.00	35.15	100.0	V	0.0	-2.6
3226.500000	---	37.13	54.00	16.87	100.0	V	0.0	-2.6
4255.500000	---	38.84	54.00	15.16	100.0	V	58.0	1.1
4255.500000	41.39	---	74.00	32.61	100.0	V	58.0	1.1
4319.000000	---	38.86	54.00	15.14	100.0	V	0.0	1.1
4320.500000	41.44	---	74.00	32.56	100.0	V	271.0	1.1
5444.500000	---	38.79	54.00	15.21	100.0	V	26.0	2.2
5444.500000	40.85	---	74.00	33.15	100.0	V	26.0	2.2

Charging by PC USB Port

**EUT Information**

EUT Name: DTR STITCH LED KIDS HEADPHONE  
 Order Number: 168451365  
 Model: DTRHPSTRDPRM  
 Test Mode: Charging by PC USB Port  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan/Gary Chen  
 Tem./Hum./Pressure: 23.3°C/51.1%/101kPa  
 Remark: 3m chamber

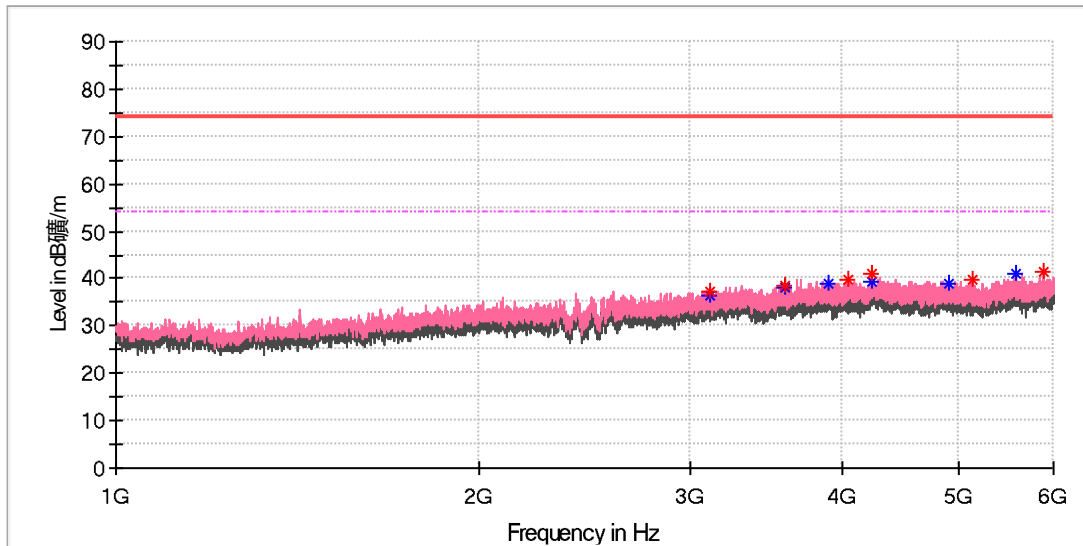


**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4895.000000	---	38.94	54.00	15.06	100.0	H	34.0	1.6
3063.000000	38.44	---	74.00	35.56	100.0	H	46.0	-3.0
3052.500000	---	36.60	54.00	17.40	100.0	H	98.0	-3.2
4271.500000	---	39.17	54.00	14.83	100.0	H	146.0	1.1
4271.500000	40.05	---	74.00	33.95	100.0	H	146.0	1.1
4919.000000	40.08	---	74.00	33.92	100.0	H	146.0	1.5
5914.500000	41.63	---	74.00	32.37	100.0	H	279.0	3.4
3248.500000	39.23	---	74.00	34.77	100.0	H	290.0	-2.3
3248.500000	---	38.24	54.00	15.76	100.0	H	290.0	-2.3
4020.000000	---	38.58	54.00	15.42	100.0	H	316.0	0.1
4020.000000	39.95	---	74.00	34.05	100.0	H	316.0	0.1
5905.000000	---	39.88	54.00	14.12	100.0	H	316.0	3.5

## EUT Information

EUT Name: DTR STITCH LED KIDS HEADPHONE  
 Order Number: 168451365  
 Model: DTRHPSTRDPRM  
 Test Mode: Charging by PC USB Port  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Steve Lan/Gary Chen  
 Tem./Hum./Pressure: 23.3°C/51.1%/101kPa  
 Remark: 3m chamber



## Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4053.500000	39.89	---	74.00	34.11	100.0	V	5.0	0.0
5581.500000	---	40.88	54.00	13.12	100.0	V	22.0	2.8
4915.000000	---	38.73	54.00	15.27	100.0	V	37.0	1.5
3107.500000	37.45	---	74.00	36.55	100.0	V	80.0	-2.5
3107.500000	---	36.58	54.00	17.42	100.0	V	80.0	-2.5
5134.500000	39.65	---	74.00	34.35	100.0	V	80.0	1.2
3591.000000	38.71	---	74.00	35.29	100.0	V	118.0	-1.3
3591.000000	---	38.07	54.00	15.93	100.0	V	118.0	-1.3
4235.500000	---	39.20	54.00	14.80	100.0	V	172.0	0.8
5890.500000	41.39	---	74.00	32.61	100.0	V	183.0	3.6
3898.000000	---	39.11	54.00	14.89	100.0	V	187.0	-0.3
4240.500000	41.06	---	74.00	32.94	100.0	V	354.0	0.9