

## Appendix A: Test Results of FCC 15B

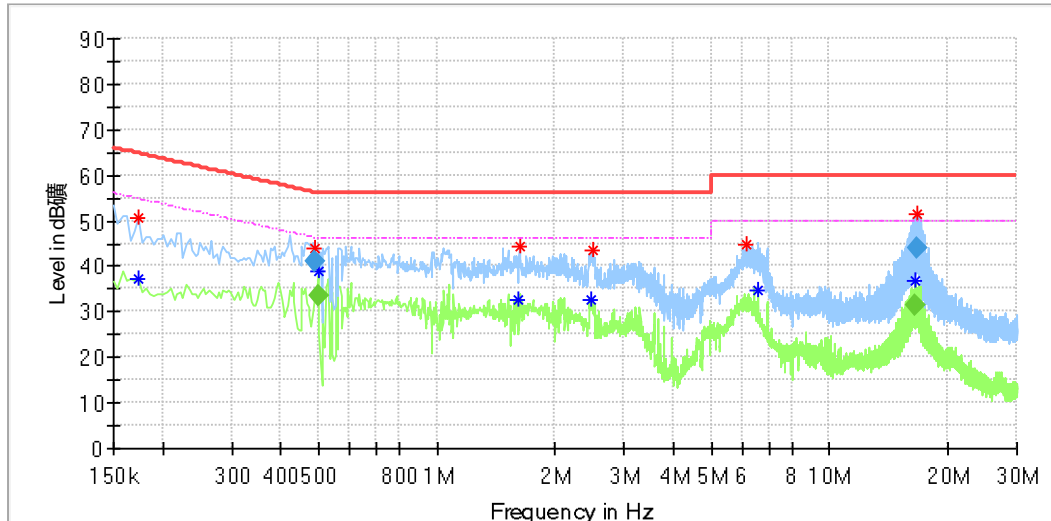
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## Appendix A.1: Test Results of Conducted Emission on AC Mains

Charging by PC USB Port

### EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	Charging by PC USB Port
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Guangshen cen/Gary Chen
Test Standard:	FCC Part 15B
Tem./Hum./Pressure:	23.5°C/50.2%/101kPa
Remark:	SR1



### Critical Freqs

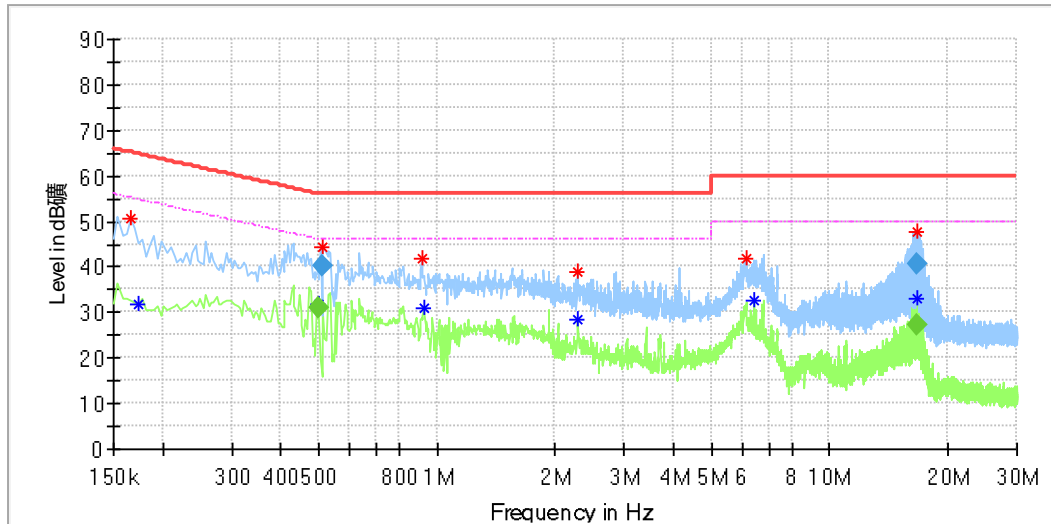
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.174000	---	37.16	54.77	17.60	L1	9.9
0.174000	50.61	---	64.77	14.16	L1	9.9
0.489500	44.10	---	56.10	12.00	L1	10.0
0.497500	---	38.85	46.03	7.19	L1	10.0
1.610000	---	32.72	46.00	13.28	L1	10.1
1.622000	44.19	---	56.00	11.81	L1	10.1
2.482000	---	32.76	46.00	13.24	L1	10.2
2.486000	43.65	---	56.00	12.35	L1	10.2
6.146000	44.89	---	60.00	15.11	L1	10.3
6.558000	---	34.91	50.00	15.09	L1	10.3
16.457500	---	36.67	50.00	13.33	L1	10.4
16.645500	51.32	---	60.00	8.68	L1	10.4

### Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.489500	41.17	---	56.18	15.01	1000.0	9.000	L1	10.0
0.497500	---	33.62	46.04	12.42	1000.0	9.000	L1	10.0
16.457500	---	31.51	50.00	18.49	1000.0	9.000	L1	10.4
16.645500	43.90	---	60.00	16.10	1000.0	9.000	L1	10.4

## EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	Charging by PC USB Port
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Guangshen cen/Gary Chen
Test Standard:	FCC Part 15B
Tem./Hum./Pressure:	23.5°C/50.2%/101kPa
Remark:	SR1



## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.166000	50.49	---	65.16	14.67	N	9.8
0.174000	---	31.78	54.77	22.99	N	9.8
0.497500	---	31.63	46.03	14.40	N	9.8
0.509500	44.40	---	56.00	11.60	N	9.8
0.914000	41.86	---	56.00	14.14	N	9.8
0.926000	---	31.07	46.00	14.93	N	9.8
2.286000	39.02	---	56.00	16.98	N	9.9
2.286000	---	28.49	46.00	17.51	N	9.9
6.134000	41.88	---	60.00	18.12	N	9.9
6.402000	---	32.68	50.00	17.32	N	9.9
16.641500	---	32.98	50.00	17.02	N	10.2
16.701500	47.80	---	60.00	12.20	N	10.2

## Final\_Result

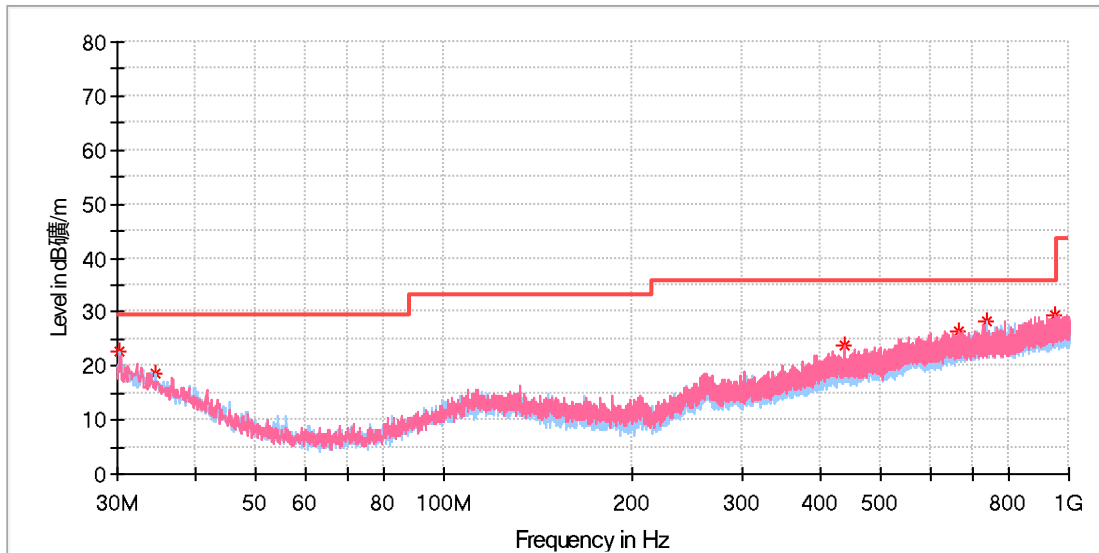
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.497500	---	31.14	46.04	14.90	1000.0	9.000	N	9.8
0.509500	40.25	---	56.00	15.75	1000.0	9.000	N	9.8
16.641500	---	27.41	50.00	22.59	1000.0	9.000	N	10.2
16.701500	40.64	---	60.00	19.36	1000.0	9.000	N	10.2

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

Aux In

### EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	AUX IN
Test Voltage:	N/A
Test By./Review By:	Guangshen cen/Gary Chen
Standard:	FCC Part 15B
Tem./Hum./Pressure:	24.7°C/51.3%/101kPa
Remark:	10m SAC



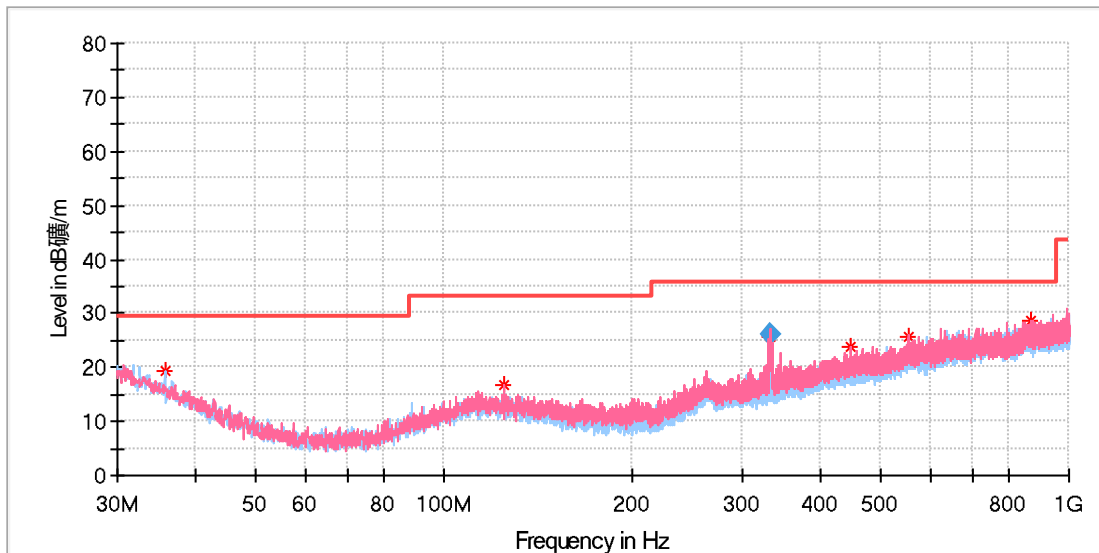
### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.472778	18.59	29.50	10.91	100.0	H	63.0	-12.3
737.992222	28.28	35.60	7.32	100.0	H	253.0	-4.7
30.323333	22.65	29.50	6.85	200.0	H	0.0	-9.8
437.669444	23.78	35.60	11.82	100.0	V	63.0	-4.0
665.026667	26.60	35.60	9.00	100.0	V	287.0	-0.3
951.122778	29.37	35.60	6.23	200.0	V	359.0	2.8

Bluetooth mode

## EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	Bluetooth
Test Voltage:	Internal Battery
Test By:/Review By:	Guangshen cen/Gary Chen
Standard:	FCC Part 15B
Tem./Hum./Pressure:	23.8°C/49.8%/101kPa
Remark:	10m SAC



## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
35.712222	19.24	29.50	10.26	200.0	H	279.0	-13.0
124.305556	16.57	33.10	16.53	100.0	V	351.0	-10.1
331.850556	25.82	35.60	-0.22	100.0	V	96.0	-7.3
446.938333	23.67	35.60	11.93	200.0	V	106.0	-3.9
552.021667	25.82	35.60	9.78	200.0	V	250.0	-1.3
871.852222	28.76	35.60	6.84	200.0	V	311.0	1.8

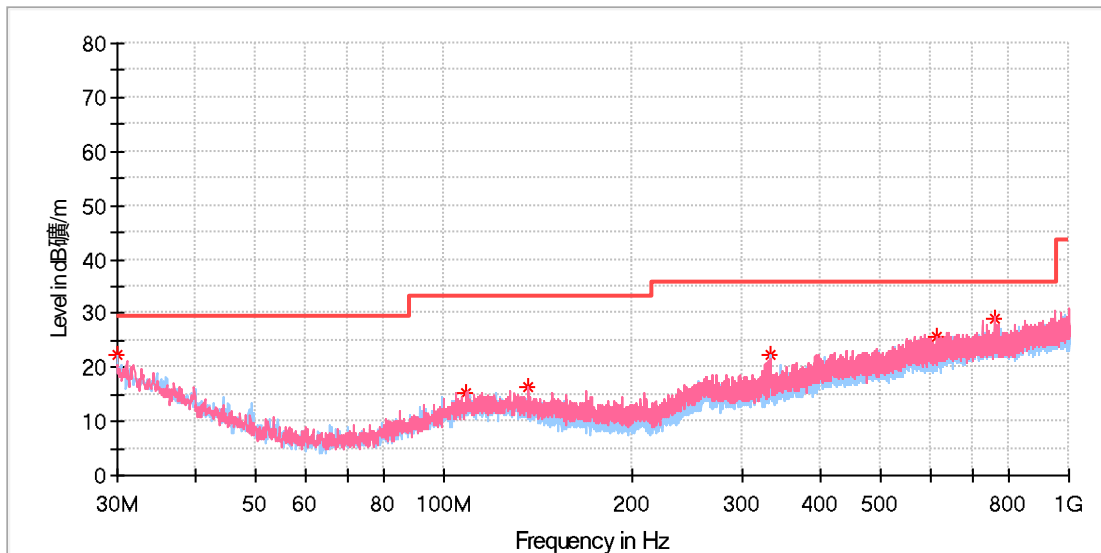
## Final\_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth h (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
331.850556	26.09	35.60	9.51	1000.0	120.000	101.0	V	96.0	-7.3

Charging by PC USB Port

### EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	Charging by PC USB Port
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Guangshen cen/Gary Chen
Standard:	FCC Part 15B
Tem./Hum./Pressure:	23.8°C/49.8%/101kPa
Remark:	10m SAC



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.000000	22.15	29.50	7.35	200.0	H	19.0	-9.6
108.785556	15.36	33.10	17.74	200.0	V	47.0	-10.4
136.700000	16.23	33.10	16.87	100.0	V	228.0	-10.6
332.262778	22.35	35.60	13.25	200.0	H	47.0	-13.2
614.910000	25.63	35.60	9.97	200.0	V	70.0	-1.3
759.601667	29.11	35.60	6.49	200.0	V	254.0	0.2

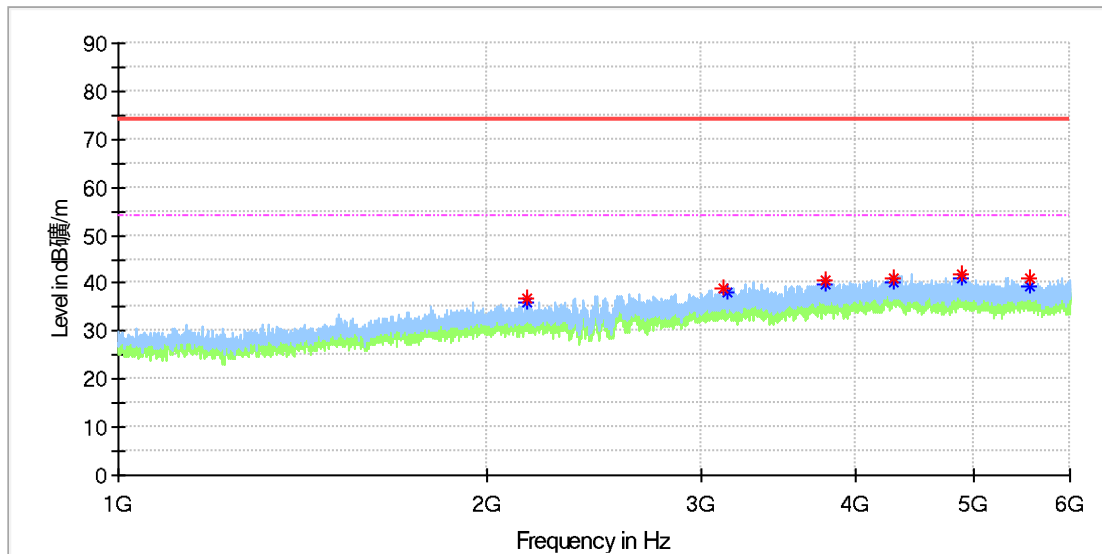
### Appendix A.3: Test Results of Radiated Emission, Above 1GHz

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 W KIDS HEADPHONE  
 Order Number: 168404107  
 Model: HPBTSTCHPRM  
 Test Mode: AUX IN  
 Test Voltage: N/A  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Guangshen / Gary Chen  
 Tem./Hum./Pressure: 23.3°C/50.6%/101kPa  
 Remark: 3m chamber

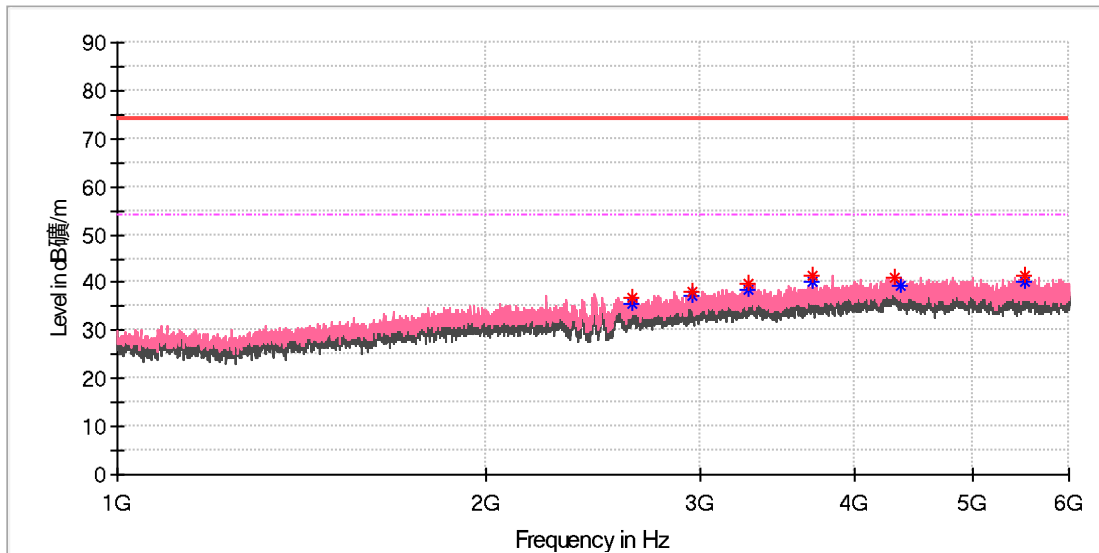


### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2157.500000	---	35.90	54.00	18.10	100.0	H	234.0	-7.0
2157.500000	36.80	---	74.00	37.20	100.0	H	234.0	-7.0
3119.500000	38.93	---	74.00	35.07	100.0	H	136.0	-2.5
3147.000000	---	38.06	54.00	15.94	100.0	H	244.0	-2.5
3793.500000	---	39.90	54.00	14.10	100.0	H	0.0	-0.6
3793.500000	40.46	---	74.00	33.54	100.0	H	0.0	-0.6
4298.500000	41.03	---	74.00	32.97	100.0	H	49.0	1.2
4298.500000	---	40.27	54.00	13.73	100.0	H	49.0	1.2
4894.000000	41.87	---	74.00	32.13	100.0	H	49.0	1.9
4894.000000	---	40.94	54.00	13.06	100.0	H	49.0	1.9
5560.000000	---	39.55	54.00	14.45	100.0	H	107.0	2.4
5560.000000	41.08	---	74.00	32.92	100.0	H	107.0	2.4

## EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	AUX IN
Test Voltage:	N/A
Test Standard:	FCC Part 15B
Test By:/Review By:	Guangshen / Gary Chen
Tem./Hum./Pressure:	23.3°C/50.6%/101kPa
Remark:	3m chamber



## Critical Freqs

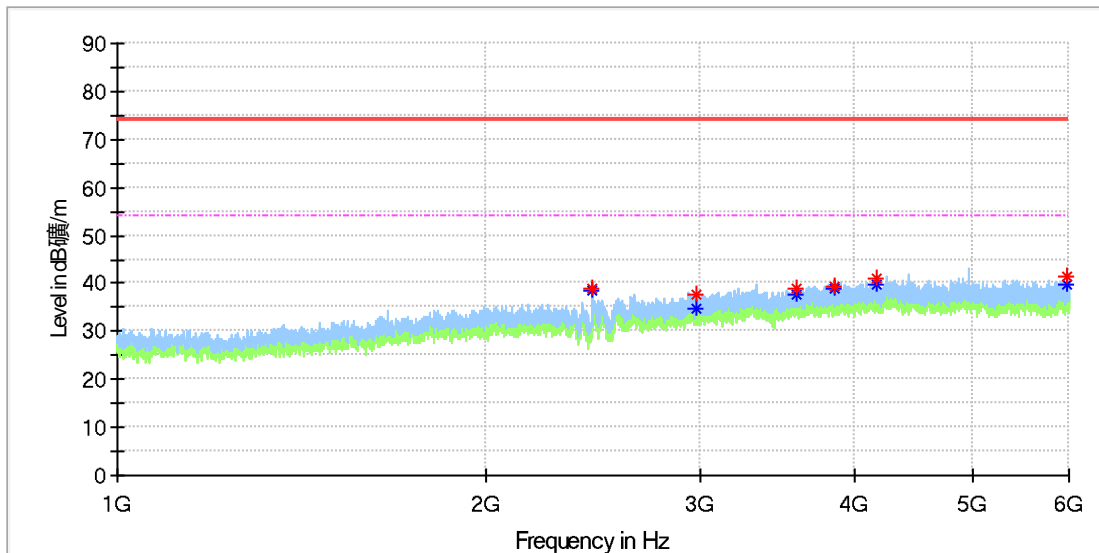
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2641.000000	---	35.41	54.00	18.59	100.0	V	232.0	-4.7
2641.000000	37.03	---	74.00	36.97	100.0	V	232.0	-4.7
2952.500000	38.24	---	74.00	35.76	100.0	V	188.0	-3.7
2952.500000	---	37.46	54.00	16.54	100.0	V	188.0	-3.7
3282.000000	39.72	---	74.00	34.28	100.0	V	346.0	-2.1
3282.000000	---	38.43	54.00	15.57	100.0	V	346.0	-2.1
3696.500000	---	40.33	54.00	13.67	100.0	V	281.0	-0.7
3696.500000	41.31	---	74.00	32.69	100.0	V	281.0	-0.7
4315.500000	40.89	---	74.00	33.11	100.0	V	209.0	1.1
4377.000000	---	39.48	54.00	14.52	100.0	V	332.0	0.6
5522.500000	---	40.07	54.00	13.93	100.0	V	327.0	2.2
5522.500000	41.36	---	74.00	32.64	100.0	V	327.0	2.2



Bluetooth mode

## EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	Bluetooth
Test Voltage:	Internal Battery
Test Standard:	FCC Part 15B
Test By:/Review By:	Guangshen / Gary Chen
Tem./Hum./Pressure:	23.3°C/50.6%/101kPa
Remark:	3m chamber

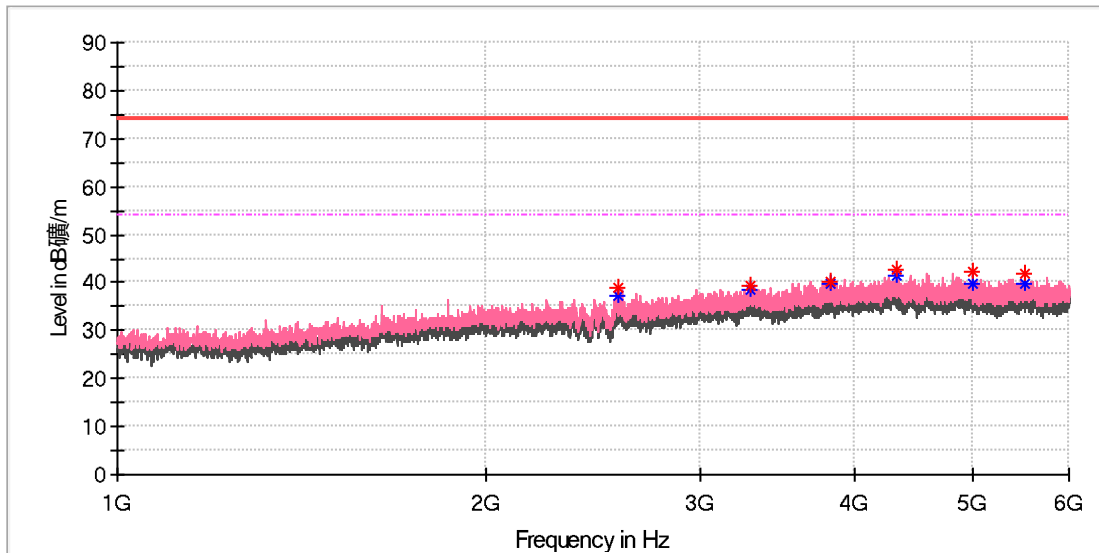


## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2447.000000	39.14	---	74.00	34.86	100.0	H	35.0	-5.6
2447.000000	---	38.69	54.00	15.31	100.0	H	35.0	-5.6
2975.000000	37.61	---	74.00	36.39	100.0	H	144.0	-3.5
2976.500000	---	34.69	54.00	19.31	100.0	H	157.0	-3.5
3590.000000	---	37.82	54.00	16.18	100.0	H	356.0	-1.4
3590.000000	39.11	---	74.00	34.89	100.0	H	356.0	-1.4
3859.000000	---	38.88	54.00	15.12	100.0	H	356.0	-0.7
3859.000000	39.50	---	74.00	34.50	100.0	H	356.0	-0.7
4180.500000	41.08	---	74.00	32.92	100.0	H	342.0	0.2
4180.500000	---	39.75	54.00	14.25	100.0	H	342.0	0.2
5980.500000	41.54	---	74.00	32.46	100.0	H	322.0	2.1
5980.500000	---	39.93	54.00	14.07	100.0	H	322.0	2.1

## EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	Bluetooth
Test Voltage:	Internal Battery
Test Standard:	FCC Part 15B
Test By:/Review By:	Guangshen / Gary Chen
Tem./Hum./Pressure:	23.3°C/50.6%/101kPa
Remark:	3m chamber



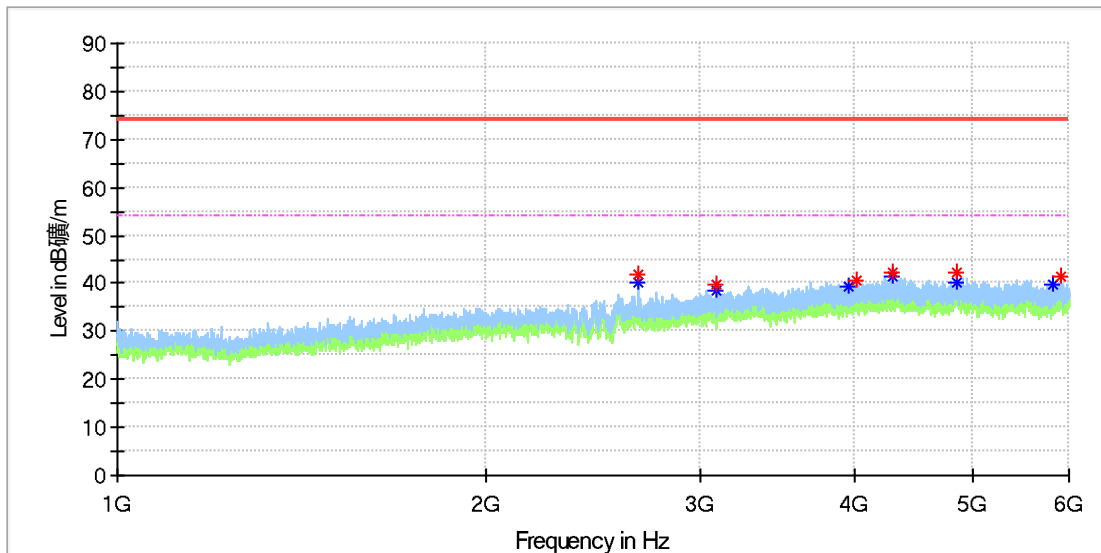
## Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2564.000000	38.96	---	74.00	35.04	100.0	V	67.0	-4.9
2564.000000	---	37.35	54.00	16.65	100.0	V	67.0	-4.9
3288.000000	39.34	---	74.00	34.66	100.0	V	146.0	-2.0
3288.000000	---	38.44	54.00	15.57	100.0	V	146.0	-2.0
3824.500000	---	39.62	54.00	14.38	100.0	V	136.0	-0.6
3824.500000	40.21	---	74.00	33.79	100.0	V	136.0	-0.6
4344.000000	42.73	---	74.00	31.27	100.0	V	0.0	1.1
4344.000000	---	41.57	54.00	12.43	100.0	V	0.0	1.1
4998.500000	42.24	---	74.00	31.76	100.0	V	322.0	1.9
4999.000000	---	39.80	54.00	14.20	100.0	V	322.0	1.9
5517.000000	---	39.57	54.00	14.43	100.0	V	118.0	2.1
5517.000000	41.66	---	74.00	32.34	100.0	V	118.0	2.1

Charging by PC USB Port

### EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	Charging by PC USB Port
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15B
Test By:/Review By:	Guangshen / Gary Chen
Tem./Hum./Pressure:	23.3°C/50.6%/101kPa
Remark:	3m chamber

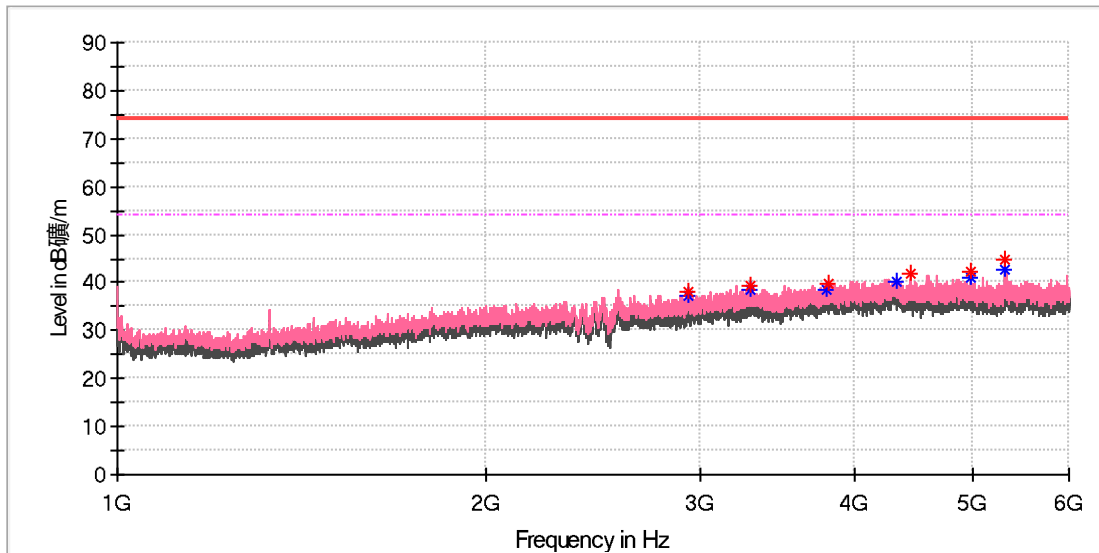


### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4300.500000	---	41.35	54.00	12.65	100.0	H	82.0	1.2
4300.500000	42.19	---	74.00	31.81	100.0	H	82.0	1.2
2664.500000	42.00	---	74.00	32.00	100.0	H	105.0	-4.9
2664.500000	---	40.38	54.00	13.62	100.0	H	105.0	-4.9
5824.000000	---	39.88	54.00	14.12	100.0	H	114.0	1.9
4863.500000	42.34	---	74.00	31.66	100.0	H	129.0	1.8
3969.500000	---	39.26	54.00	14.74	100.0	H	185.0	-0.3
3094.000000	39.74	---	74.00	34.26	100.0	H	198.0	-2.7
3094.000000	---	38.55	54.00	15.45	100.0	H	198.0	-2.7
4019.000000	40.67	---	74.00	33.33	100.0	H	222.0	0.0
5914.000000	41.29	---	74.00	32.71	100.0	H	291.0	2.3
4854.000000	---	40.01	54.00	13.99	100.0	H	300.0	1.7

## EUT Information

EUT Name:	DTR STITCH W KIDS HEADPHONE
Order Number:	168404107
Model:	HPBTSTCHPRM
Test Mode:	Charging by PC USB Port
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15B
Test By:/Review By:	Guangshen / Gary Chen
Tem./Hum./Pressure:	23.3°C/50.6%/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)
2935.000000	37.89	---	74.00	36.11	100.0	V	325.0	-3.9
2935.000000	---	37.07	54.00	16.93	100.0	V	325.0	-3.9
3296.000000	39.42	---	74.00	34.58	100.0	V	155.0	-1.9
3296.000000	---	38.57	54.00	15.43	100.0	V	155.0	-1.9
3808.000000	---	38.53	54.00	15.47	100.0	V	95.0	-0.6
3810.000000	39.89	---	74.00	34.11	100.0	V	15.0	-0.6
4332.500000	---	40.14	54.00	13.86	100.0	V	236.0	1.1
4457.500000	41.72	---	74.00	32.28	100.0	V	316.0	0.9
4991.500000	42.23	---	74.00	31.77	100.0	V	254.0	1.9
4991.500000	---	40.83	54.00	13.17	100.0	V	254.0	1.9
5315.500000	---	42.50	54.00	11.50	100.0	V	168.0	1.5
5315.500000	44.71	---	74.00	29.29	100.0	V	168.0	1.5