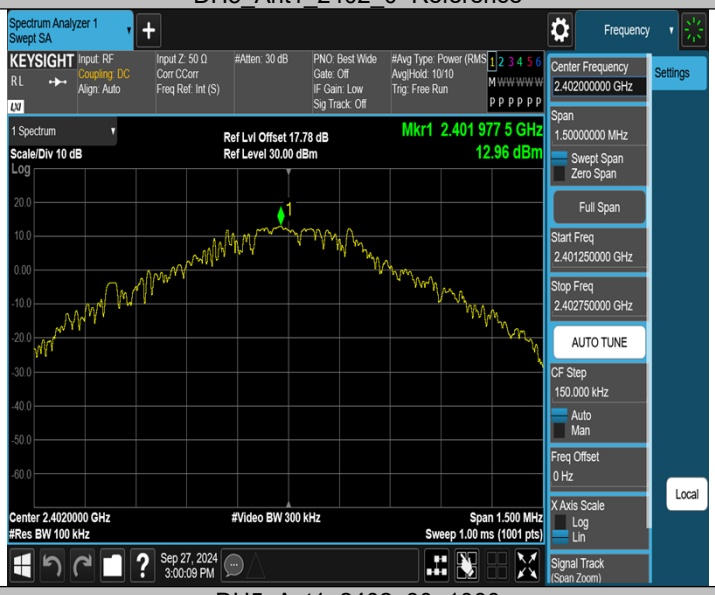
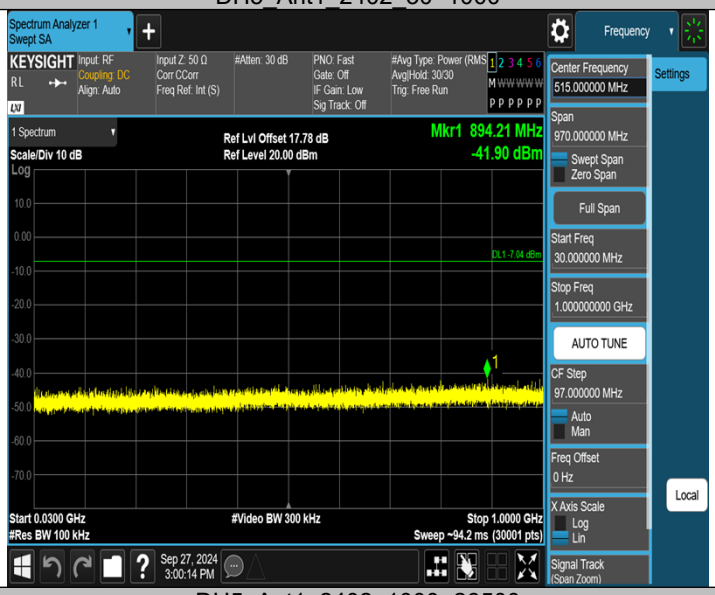
Conducted Emissions

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	12.96	12.96	---	PASS
			30~1000	12.96	-41.9	≤-7.04	PASS
			1000~26500	12.96	-33.33	≤-7.04	PASS
		2441	Reference	12.81	12.81	---	PASS
			30~1000	12.81	-41.44	≤-7.19	PASS
			1000~26500	12.81	-33.23	≤-7.19	PASS
		2480	Reference	12.36	12.36	---	PASS
			30~1000	12.36	-41.94	≤-7.64	PASS
			1000~26500	12.36	-32.37	≤-7.64	PASS
3DH5	Ant1	2402	Reference	11.01	11.01	---	PASS
			30~1000	11.01	-42.08	≤-8.99	PASS
			1000~26500	11.01	-33.35	≤-8.99	PASS
		2441	Reference	11.90	11.90	---	PASS
			30~1000	11.90	-42.09	≤-8.1	PASS
			1000~26500	11.90	-33.33	≤-8.1	PASS
		2480	Reference	8.13	8.13	---	PASS
			30~1000	8.13	-42.06	≤-11.87	PASS
			1000~26500	8.13	-33.45	≤-11.87	PASS

DH5_Ant1_2402_0~Reference

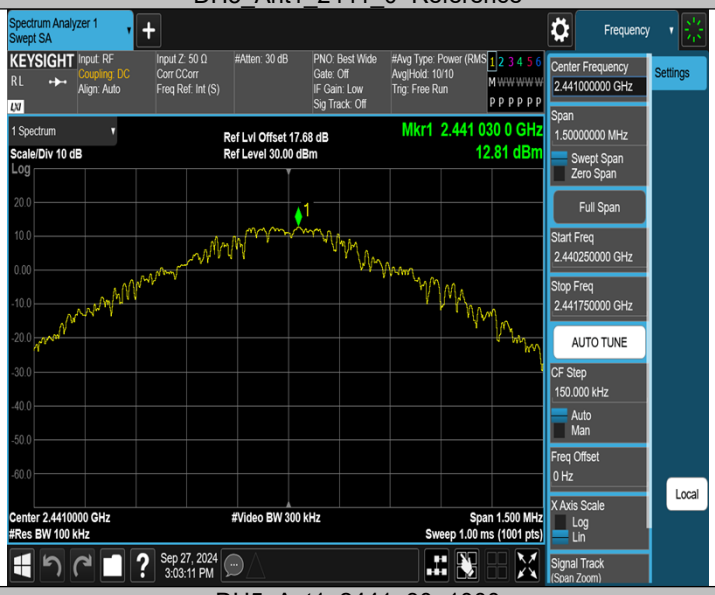


DH5_Ant1_2402_30~1000

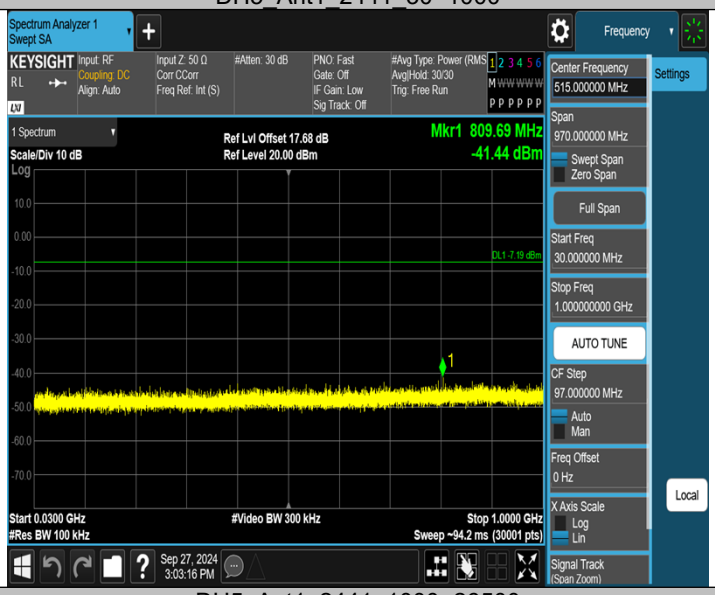


DH5_Ant1_2402_1000~26500

DH5_Ant1_2441_0~Reference

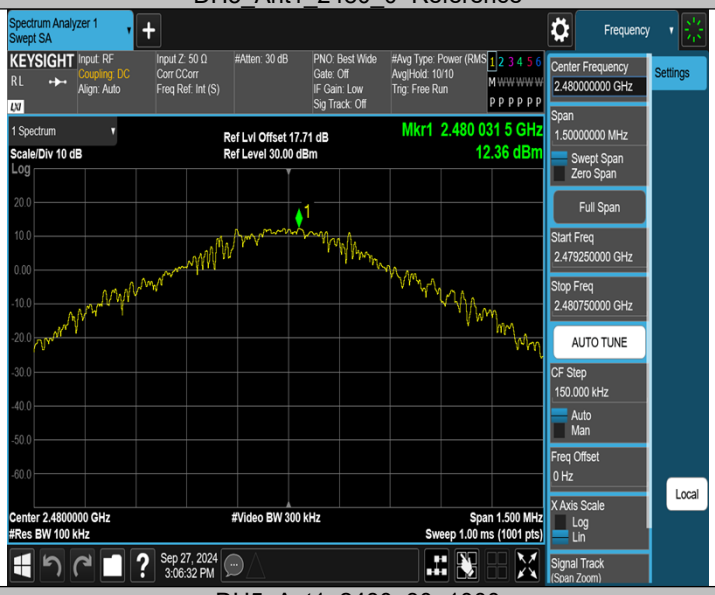


DH5_Ant1_2441_30~1000

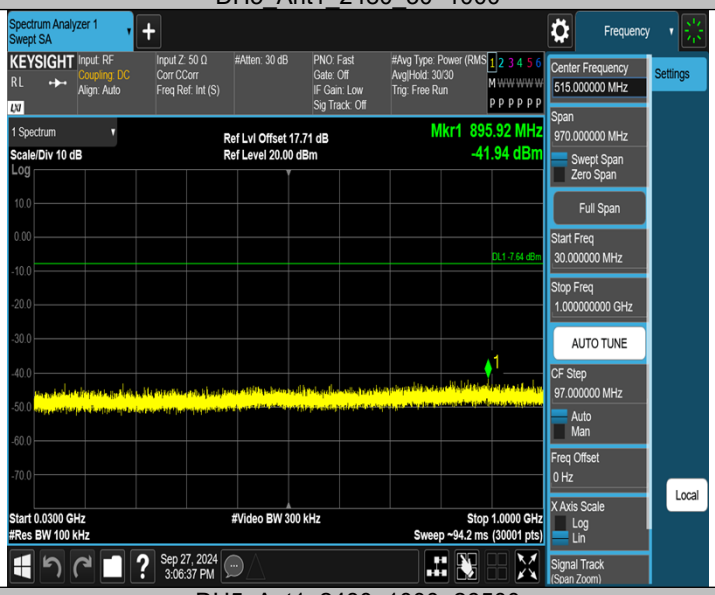


DH5_Ant1_2441_1000~26500

DH5_Ant1_2480_0~Reference

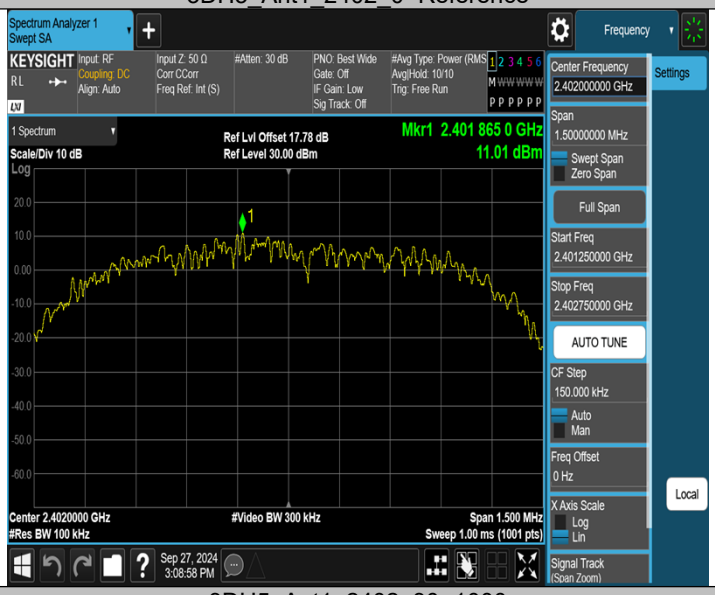


DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

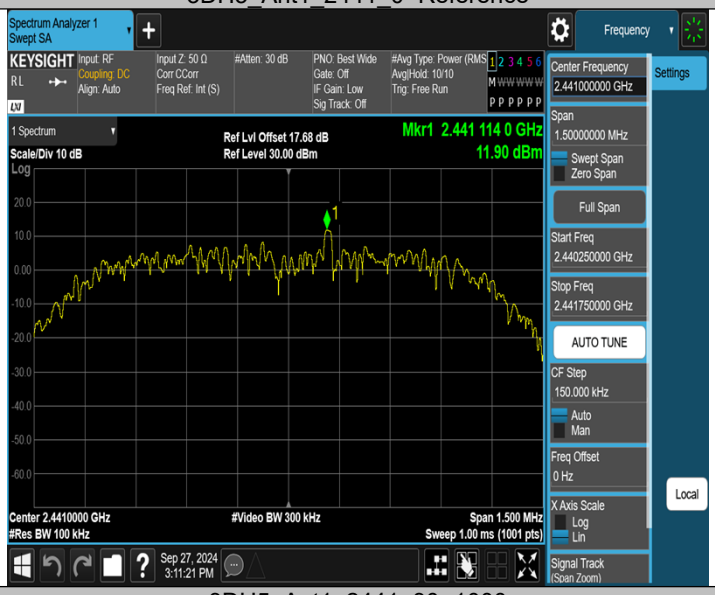
3DH5_Ant1_2402_0~Reference



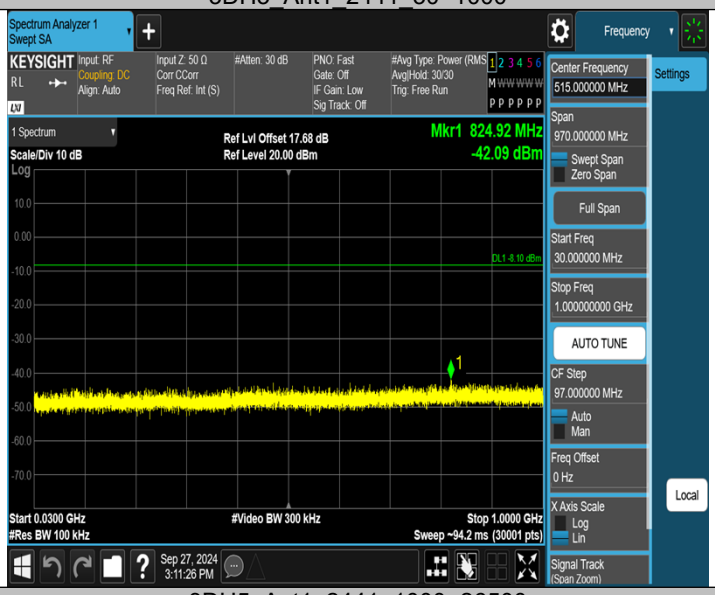
3DH5_Ant1_2402_30~1000

3DH5_Ant1_2402_1000~26500

3DH5_Ant1_2441_0~Reference

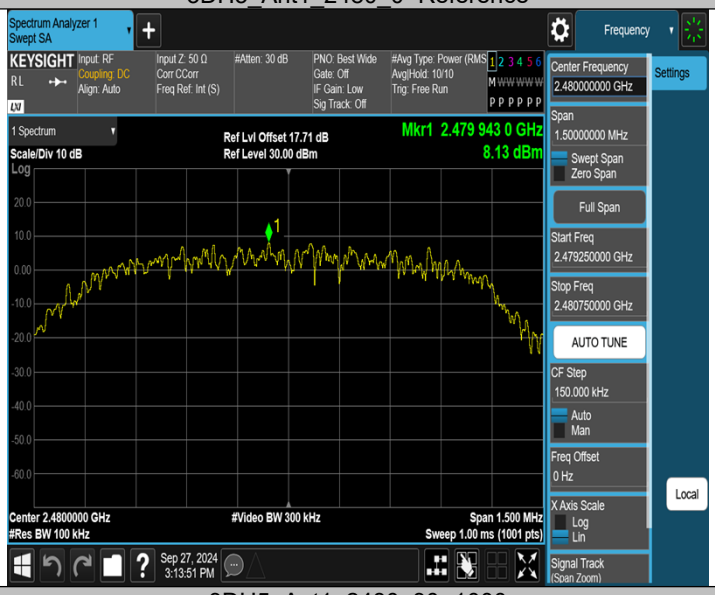


3DH5_Ant1_2441_30~1000

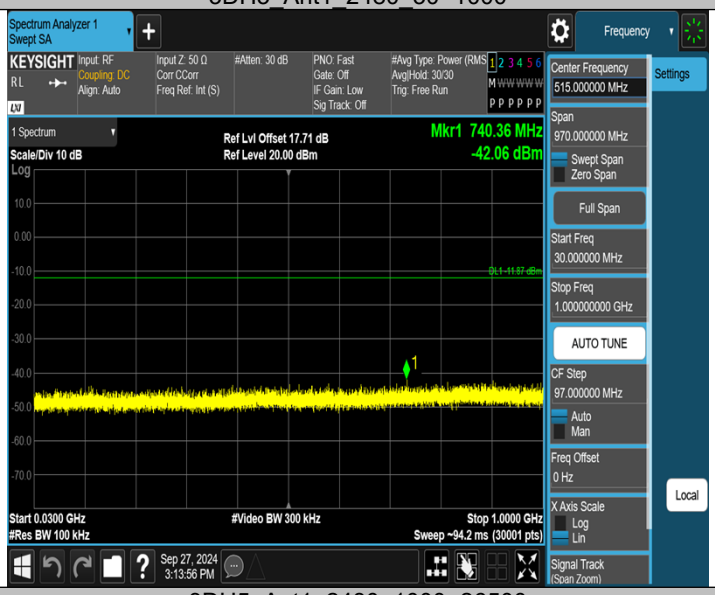


3DH5_Ant1_2441_1000~26500

3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500

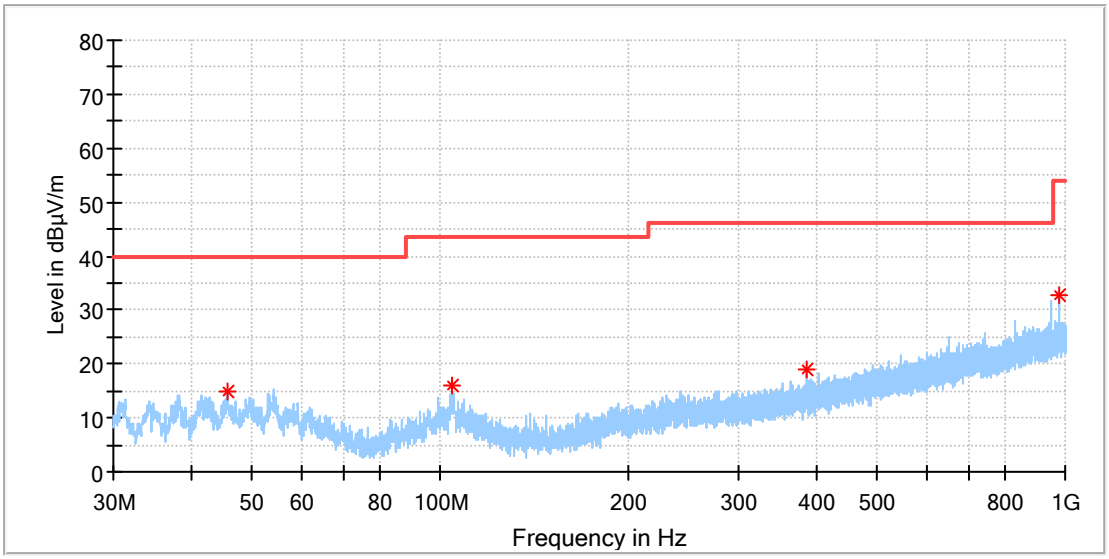
Appendix A.7: Test Results of Radiated Spurious Emissions

Note:
1) This testing was carried out on different modulations, but only the worst case was presented in this report.
2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz (Left earbud)

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

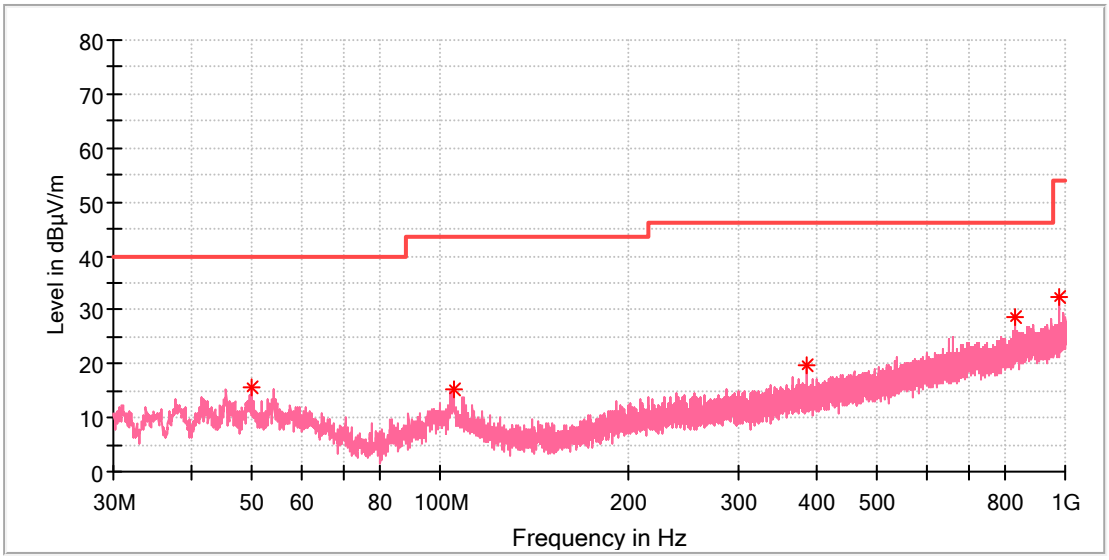
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.781154	14.82	40.00	25.18	100.0	H	187.0	-18.8
104.727308	16.08	43.50	27.42	100.0	H	235.0	-18.9
386.101923	18.88	46.00	27.12	100.0	H	73.0	-14.1
980.040385	32.72	54.00	21.28	100.0	H	31.0	-3.8

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
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)
49.922308	15.72	40.00	24.28	100.0	V	261.0	-18.4
105.361539	15.08	43.50	28.42	100.0	V	108.0	-18.9
386.101923	19.61	46.00	26.39	100.0	V	341.0	-14.1
831.593077	28.55	46.00	17.45	100.0	V	83.0	-5.6
980.077692	32.46	54.00	21.54	100.0	V	108.0	-3.8

Final_Result

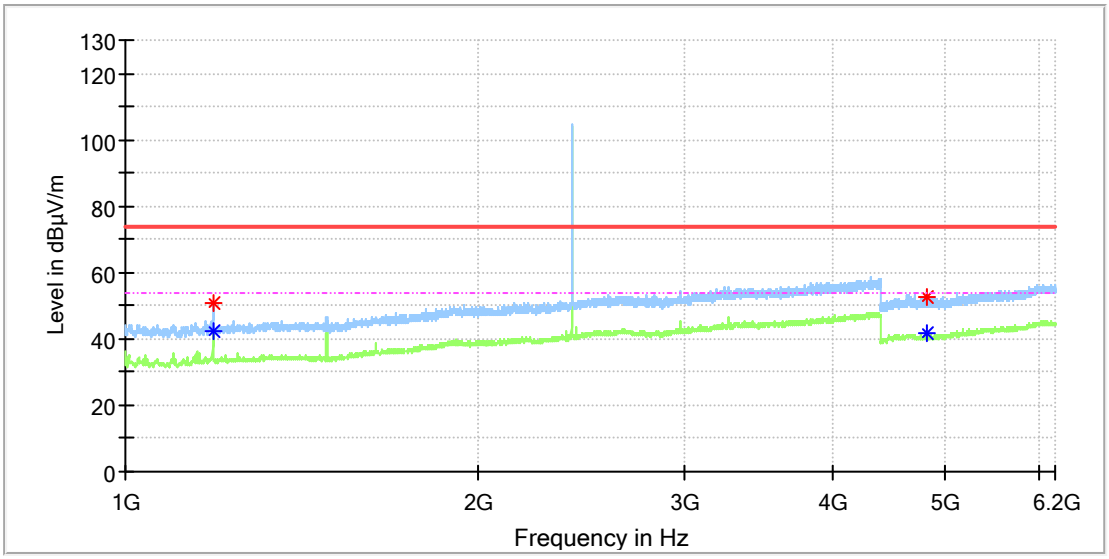
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz (Left earbud)

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

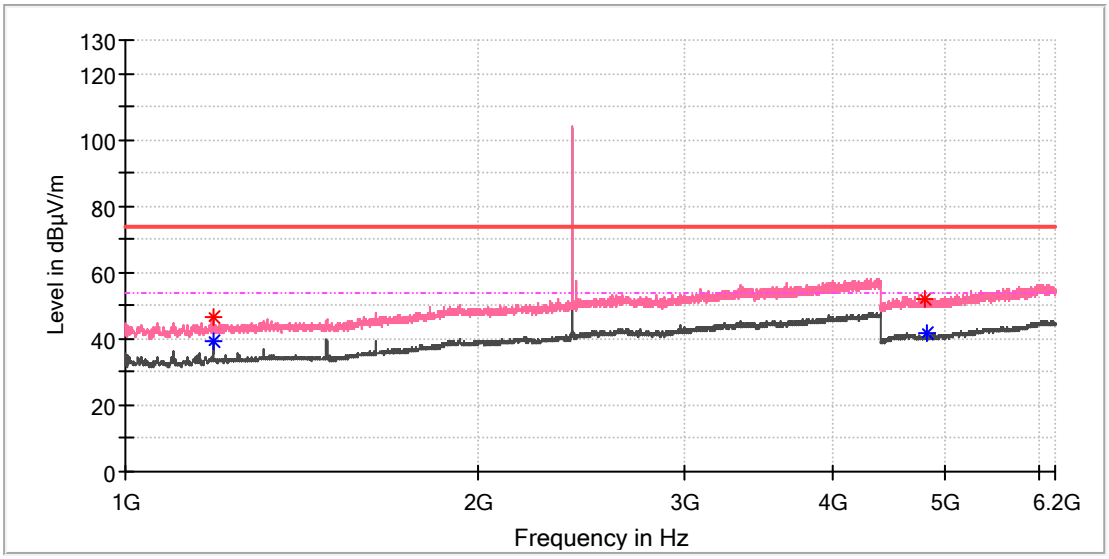
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	50.69	---	74.00	23.31	150.0	H	251.0	1.7
1187.500000	---	42.56	54.00	11.44	150.0	H	251.0	1.7
4814.000000	---	41.55	54.00	12.45	150.0	H	236.0	13.3
4816.500000	52.37	---	74.00	21.63	150.0	H	342.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

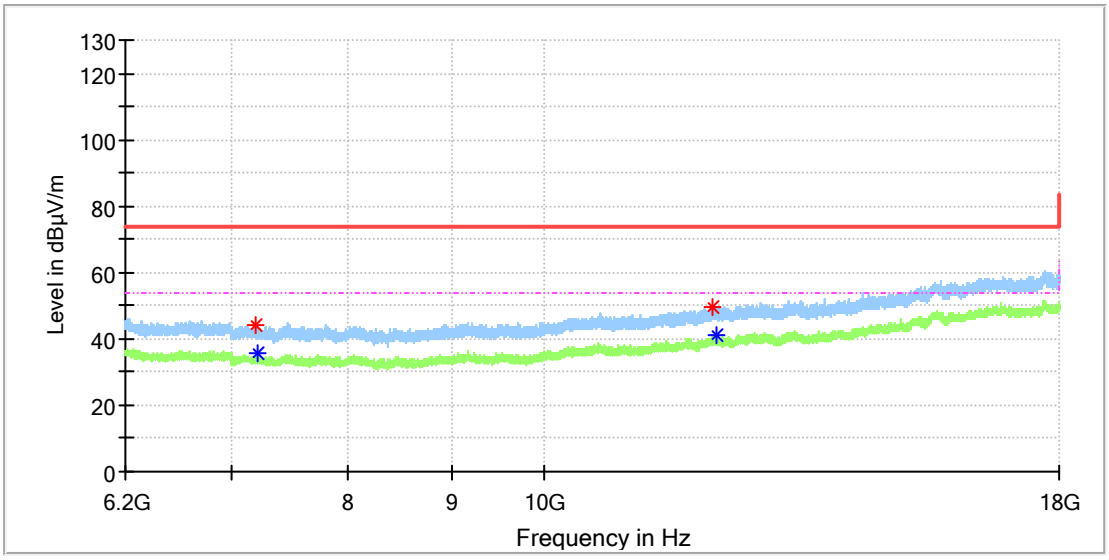
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	46.84	---	74.00	27.16	150.0	V	69.0	1.7
1188.000000	---	39.30	54.00	14.70	150.0	V	174.0	1.7
4809.500000	51.70	---	74.00	22.30	150.0	V	0.0	13.3
4811.500000	---	41.57	54.00	12.43	150.0	V	204.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

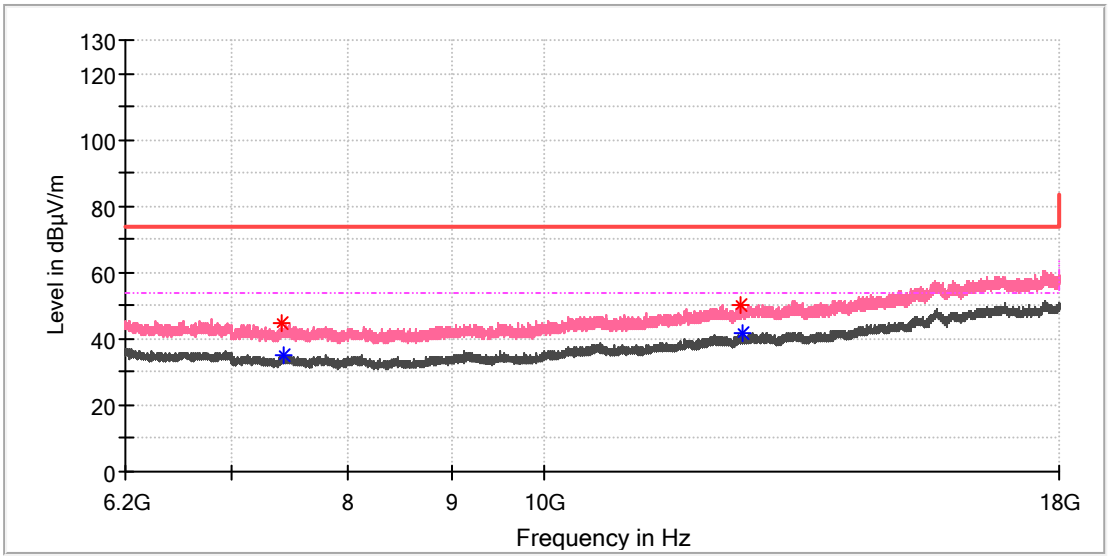
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7186.775000	44.21	---	74.00	29.79	150.0	H	273.0	8.8
7205.458333	---	35.97	54.00	18.03	150.0	H	175.0	8.8
12117.700000	49.54	---	74.00	24.46	150.0	H	16.0	14.2
12187.025000	---	40.96	54.00	13.04	150.0	H	138.0	14.6

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

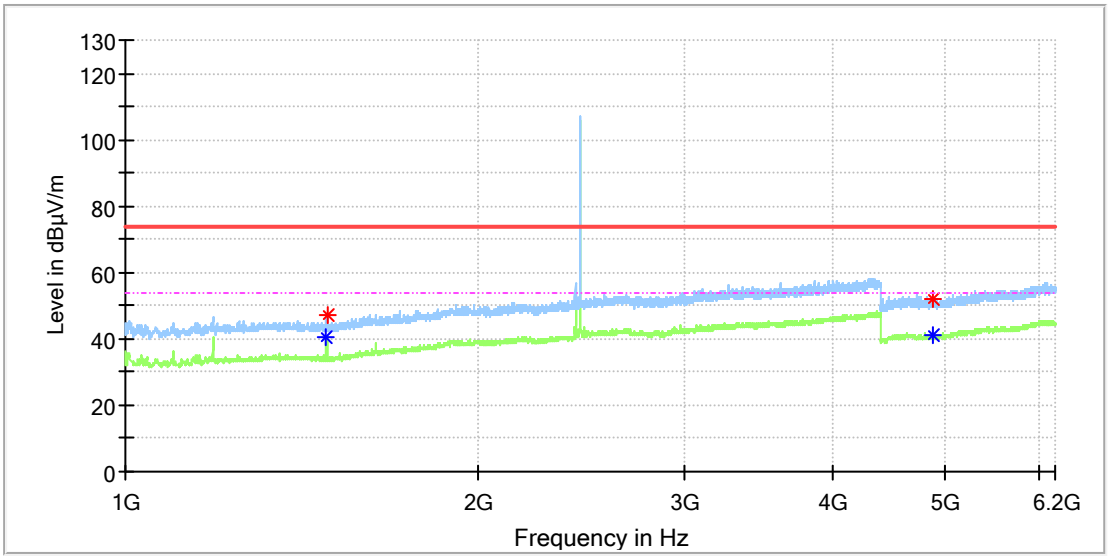
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7415.891667	44.80	---	74.00	29.20	150.0	V	142.0	8.3
7422.283333	---	35.14	54.00	18.86	150.0	V	0.0	8.4
12501.200000	50.10	---	74.00	23.90	150.0	V	277.0	14.6
12539.058333	---	41.95	54.00	12.05	150.0	V	358.0	14.7

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

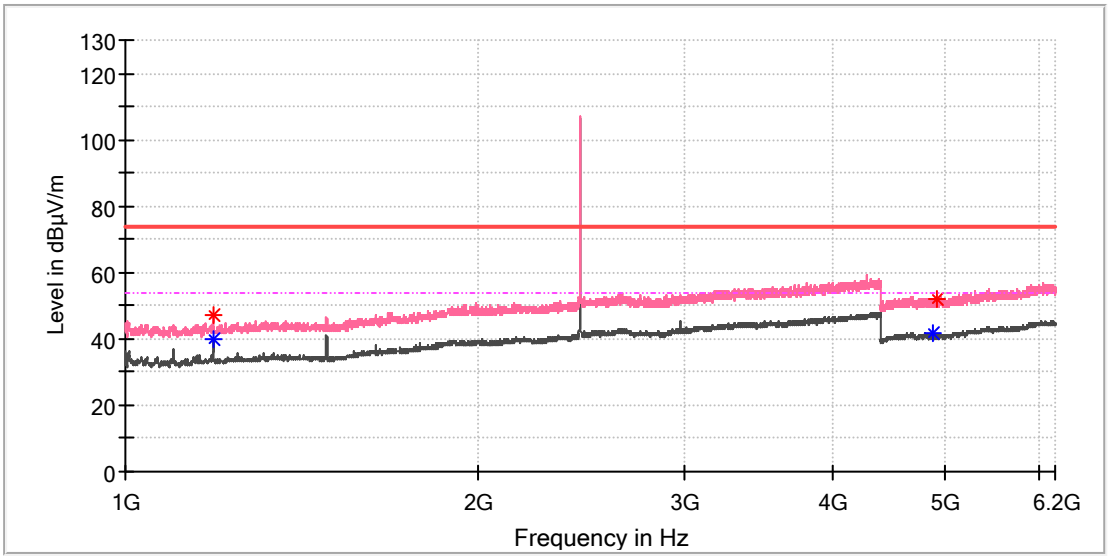
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1484.500000	---	40.78	54.00	13.22	150.0	H	131.0	2.5
1485.000000	47.32	---	74.00	26.68	150.0	H	131.0	2.5
4875.000000	52.22	---	74.00	21.78	150.0	H	127.0	13.3
4882.000000	---	41.37	54.00	12.63	150.0	H	280.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

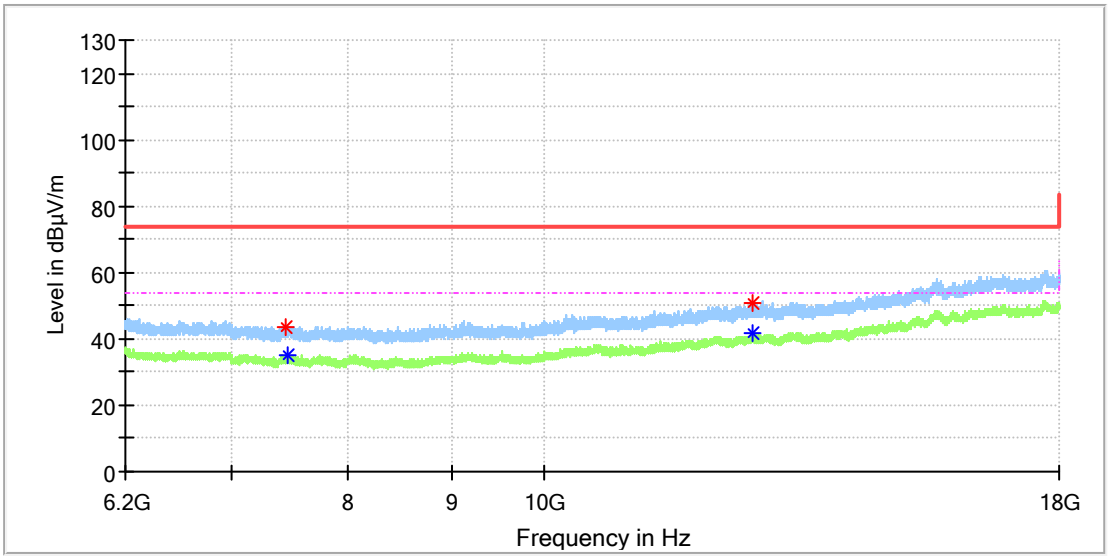
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	47.05	---	74.00	26.95	150.0	V	203.0	1.7
1187.500000	---	40.19	54.00	13.81	150.0	V	203.0	1.7
4881.500000	---	41.79	54.00	12.21	150.0	V	263.0	13.3
4908.500000	52.16	---	74.00	21.84	150.0	V	107.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

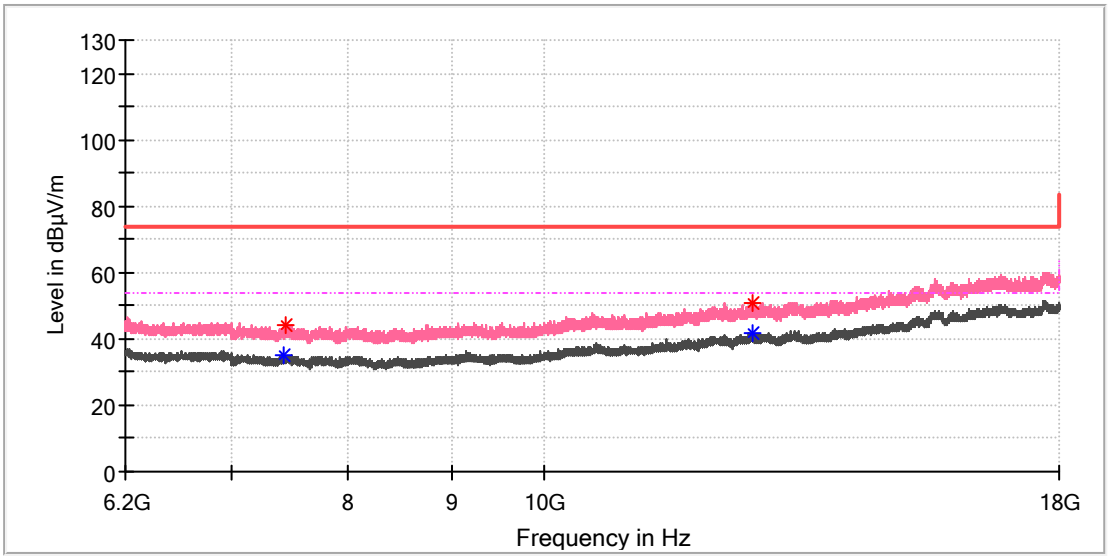
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7452.275000	43.63	---	74.00	30.37	150.0	H	341.0	8.5
7464.075000	---	35.23	54.00	18.77	150.0	H	165.0	8.6
12696.391667	---	41.68	54.00	12.32	150.0	H	329.0	15.1
12699.341667	50.85	---	74.00	23.15	150.0	H	208.0	15.1

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

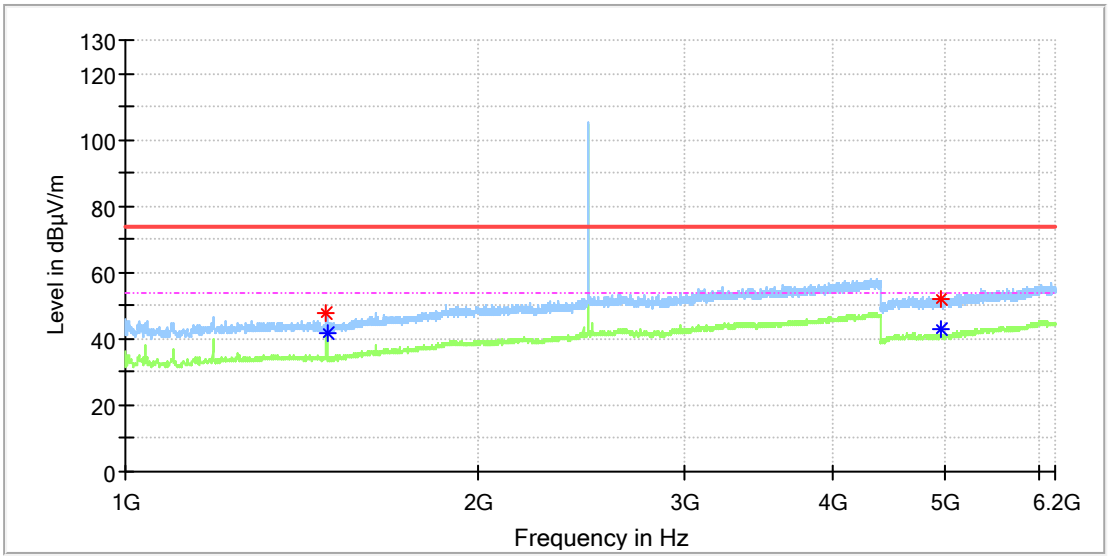
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7423.266667	---	35.16	54.00	18.84	150.0	V	64.0	8.4
7440.475000	44.03	---	74.00	29.97	150.0	V	137.0	8.4
12683.608333	50.85	---	74.00	23.15	150.0	V	102.0	15.1
12685.083333	---	41.47	54.00	12.53	150.0	V	276.0	15.1

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

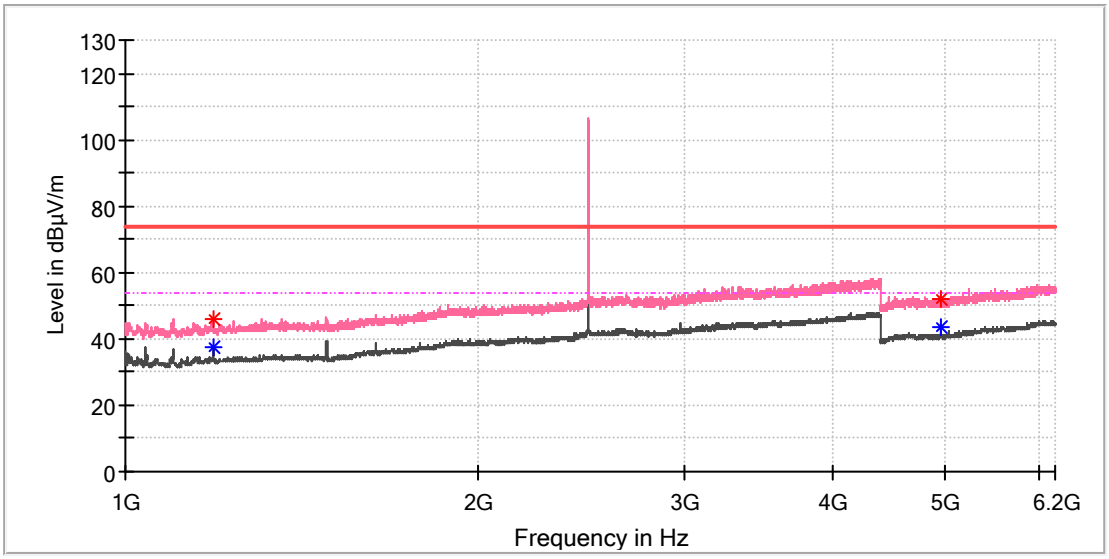
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1484.500000	47.65	---	74.00	26.35	150.0	H	34.0	2.5
1485.000000	---	41.59	54.00	12.41	150.0	H	34.0	2.5
4959.500000	51.99	---	74.00	22.01	150.0	H	353.0	13.3
4960.000000	---	42.93	54.00	11.07	150.0	H	353.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

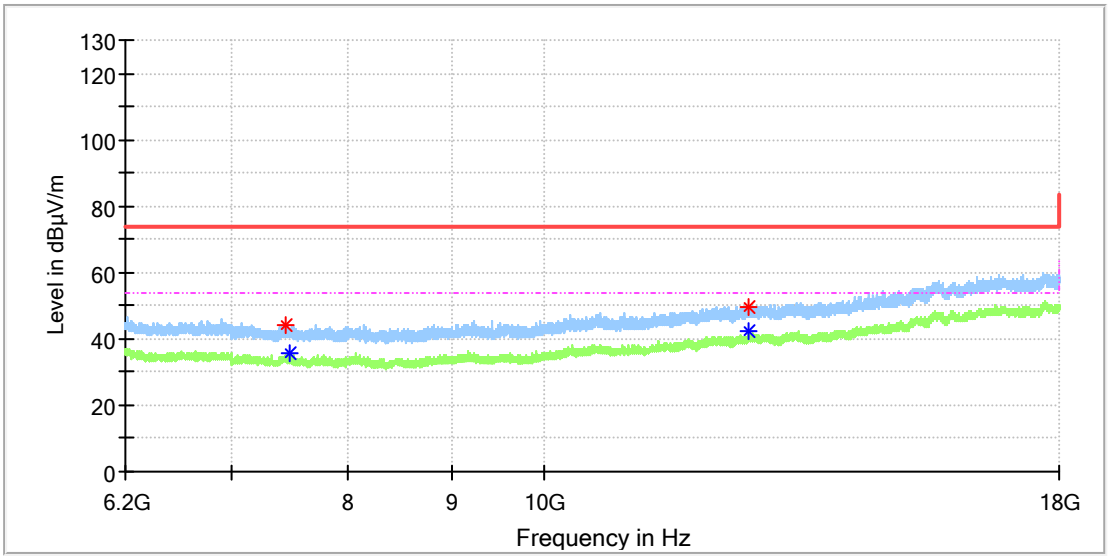
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	45.73	---	74.00	28.27	150.0	V	79.0	1.7
1187.500000	---	37.47	54.00	16.53	150.0	V	79.0	1.7
4949.000000	52.17	---	74.00	21.83	150.0	V	85.0	13.3
4960.000000	---	43.34	54.00	10.66	150.0	V	181.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

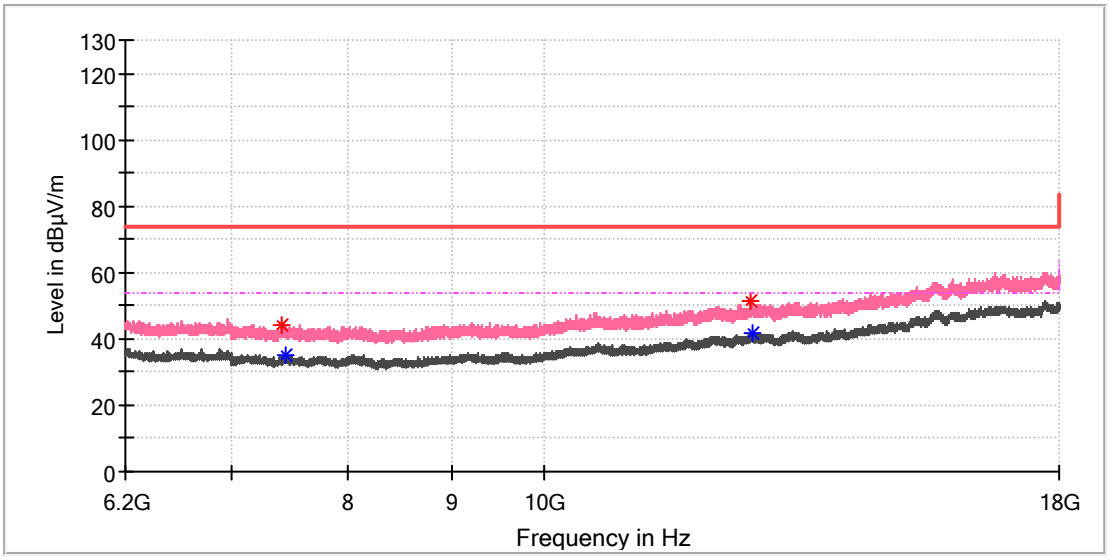
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	44.43	---	74.00	29.57	150.0	H	156.0	8.4
7475.875000	---	35.88	54.00	18.12	150.0	H	56.0	8.6
12622.150000	---	42.16	54.00	11.84	150.0	H	56.0	14.9
12640.341667	49.67	---	74.00	24.33	150.0	H	145.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
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)
7414.908333	43.97	---	74.00	30.03	150.0	V	0.0	8.3
7452.766667	---	35.07	54.00	18.93	150.0	V	136.0	8.5
12642.800000	51.21	---	74.00	22.79	150.0	V	84.0	15.0
12689.508333	---	41.51	54.00	12.49	150.0	V	219.0	15.1

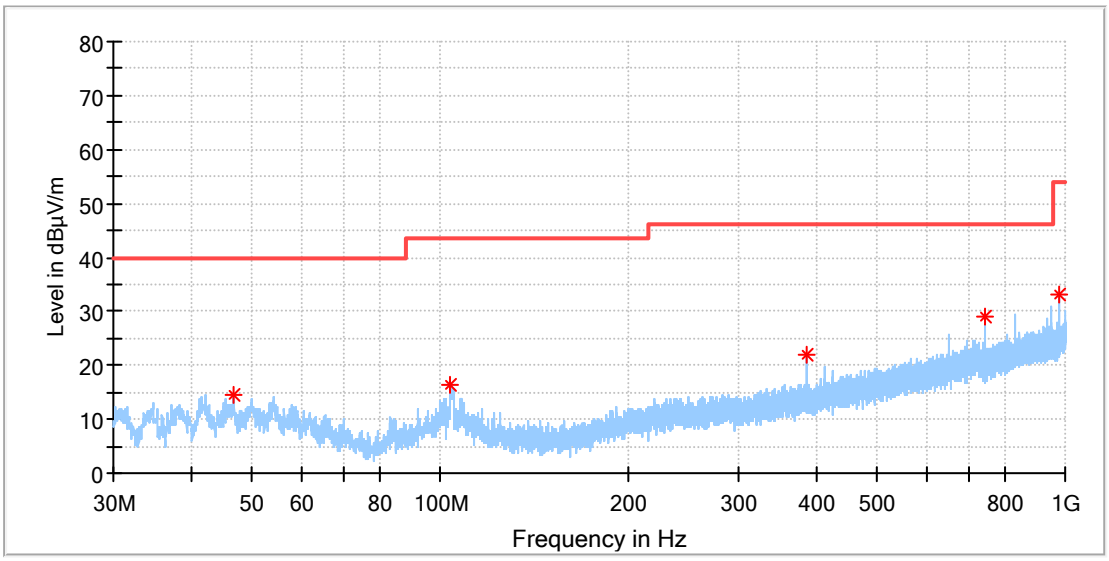
Final_Result

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

30 MHz - 1GHz (Right earbud)

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

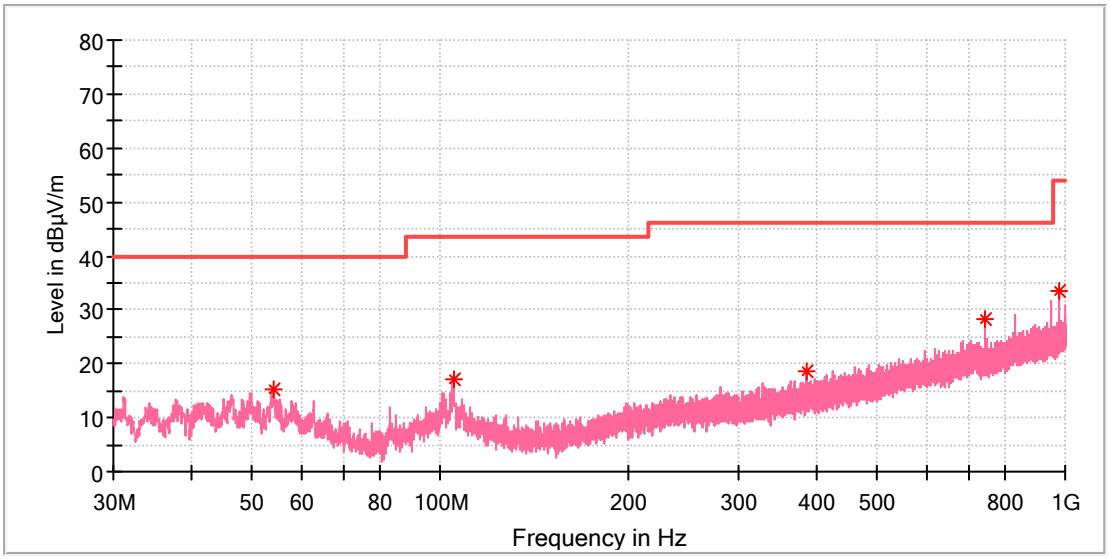
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.676539	14.60	40.00	25.40	100.0	H	237.0	-18.7
103.906539	16.49	43.50	27.01	100.0	H	357.0	-18.9
386.101923	21.80	46.00	24.20	100.0	H	218.0	-14.1
742.502308	28.88	46.00	17.12	100.0	H	218.0	-7.2
980.077692	33.29	54.00	20.71	100.0	H	177.0	-3.8

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
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)
54.138077	15.25	40.00	24.75	100.0	V	142.0	-18.5
105.025769	17.02	43.50	26.48	100.0	V	100.0	-18.9
386.101923	18.50	46.00	27.50	100.0	V	213.0	-14.1
742.502308	28.43	46.00	17.57	100.0	V	291.0	-7.2
980.077692	33.59	54.00	20.41	100.0	V	336.0	-3.8

Final_Result

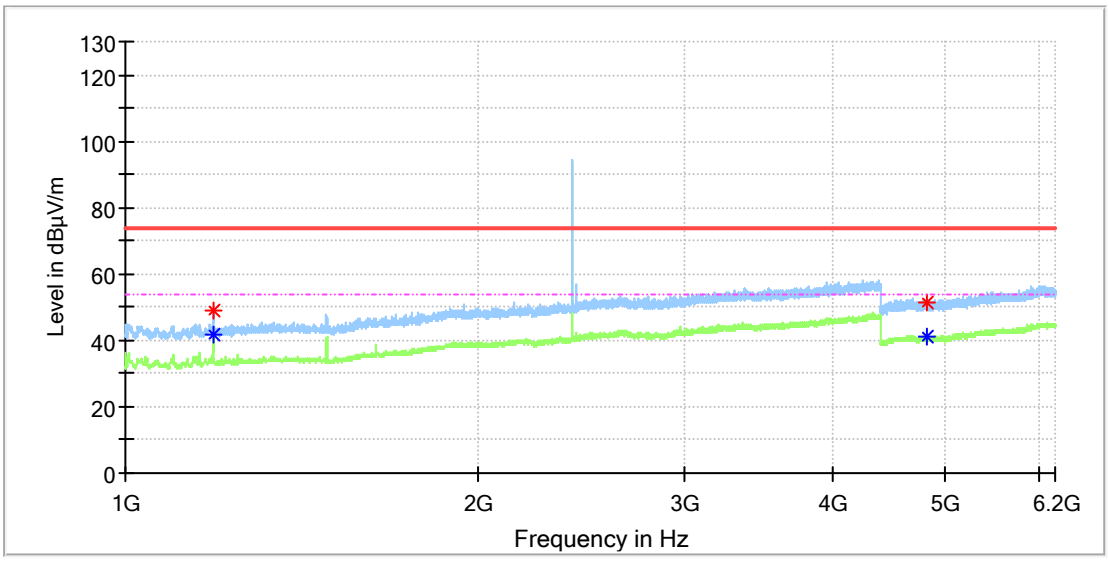
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz (Right earbud)

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

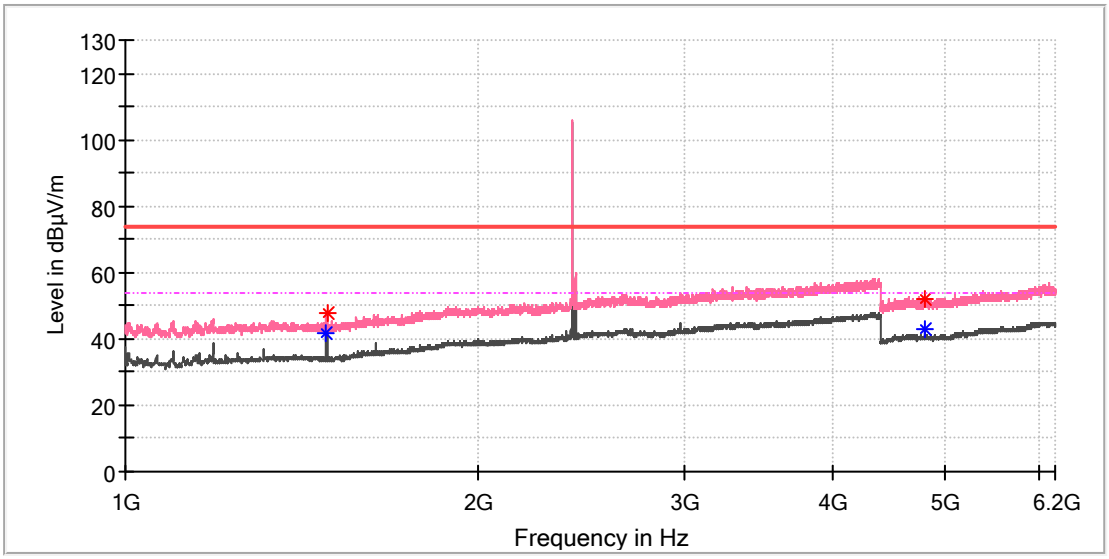
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1188.000000	48.72	---	74.00	25.28	150.0	H	281.0	1.7
1188.000000	---	41.65	54.00	12.35	150.0	H	281.0	1.7
4819.500000	51.65	---	74.00	22.35	150.0	H	34.0	13.3
4821.500000	---	41.35	54.00	12.65	150.0	H	40.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

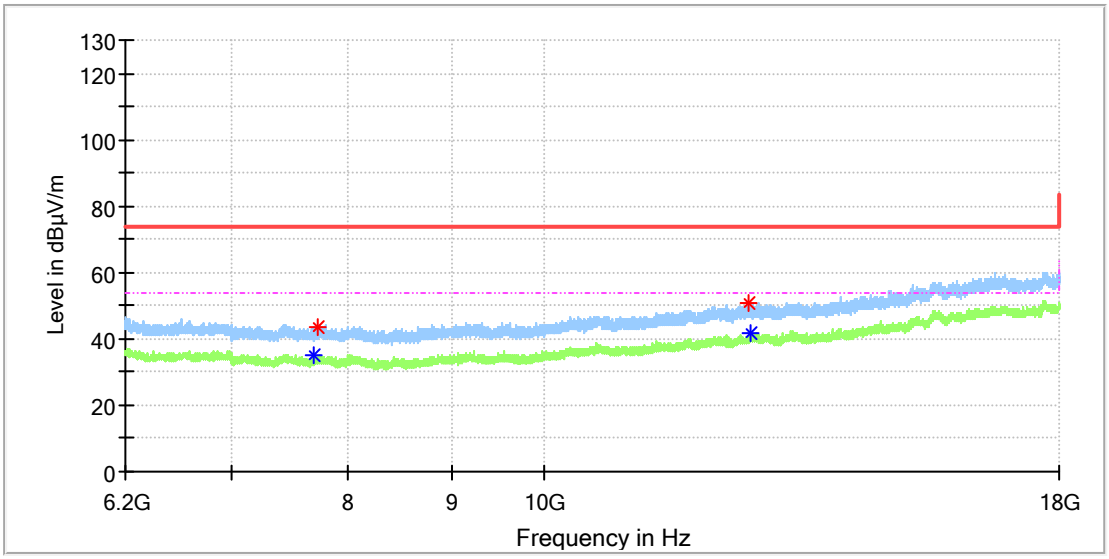
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1484.500000	---	41.91	54.00	12.09	150.0	V	211.0	2.5
1485.000000	47.97	---	74.00	26.03	150.0	V	117.0	2.5
4804.000000	51.73	---	74.00	22.27	150.0	V	234.0	13.3
4804.000000	---	43.04	54.00	10.96	150.0	V	234.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

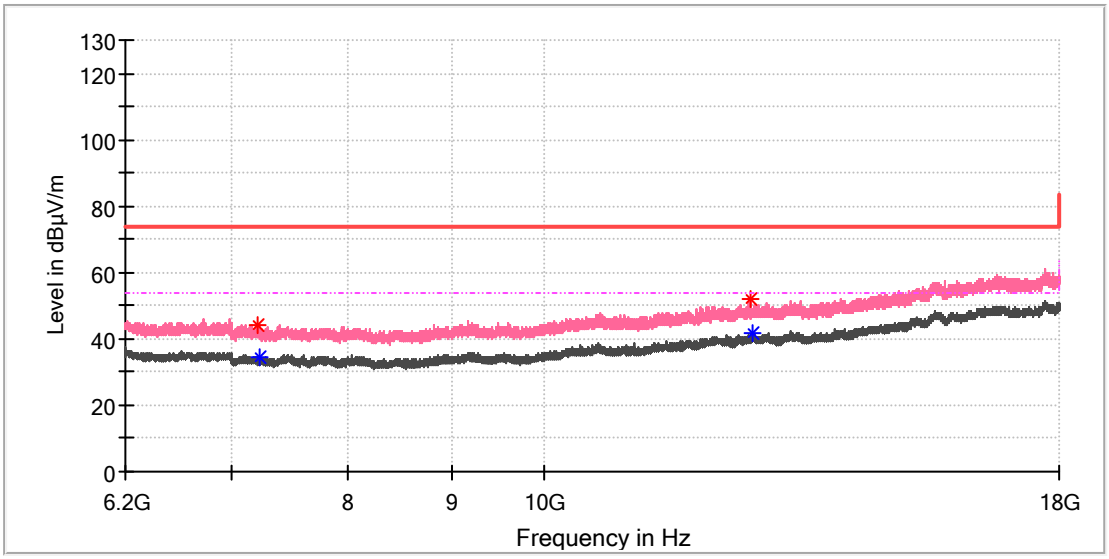
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7681.391667	---	35.33	54.00	18.67	150.0	H	350.0	8.6
7722.691667	43.76	---	74.00	30.24	150.0	H	350.0	8.7
12619.200000	50.58	---	74.00	23.42	150.0	H	189.0	14.9
12649.683333	---	41.73	54.00	12.27	150.0	H	302.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

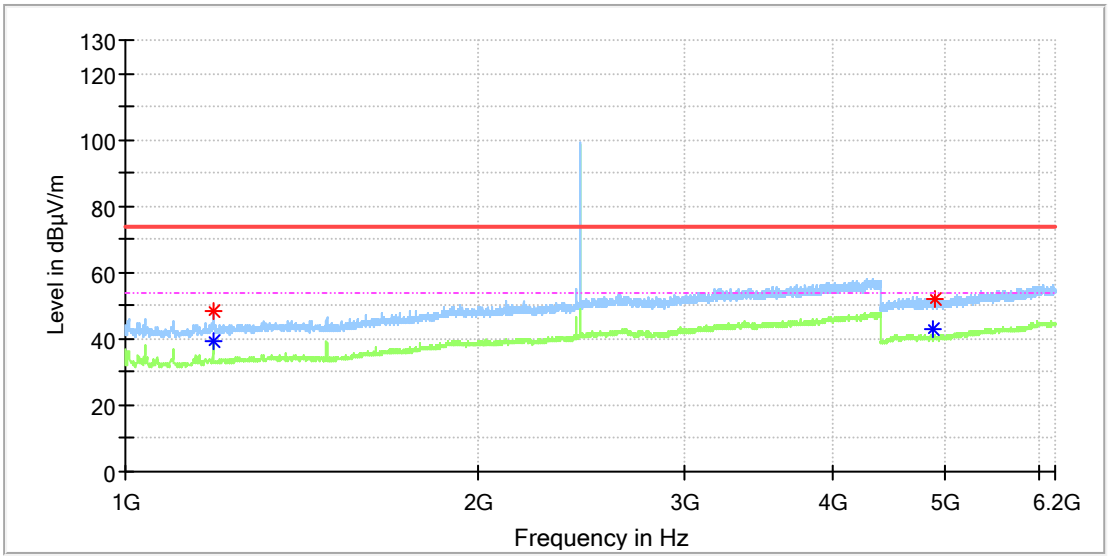
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7214.800000	44.05	---	74.00	29.95	150.0	V	24.0	8.7
7231.025000	---	34.51	54.00	19.49	150.0	V	35.0	8.6
12667.875000	52.04	---	74.00	21.96	150.0	V	214.0	15.1
12695.408333	---	41.56	54.00	12.44	150.0	V	226.0	15.1

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

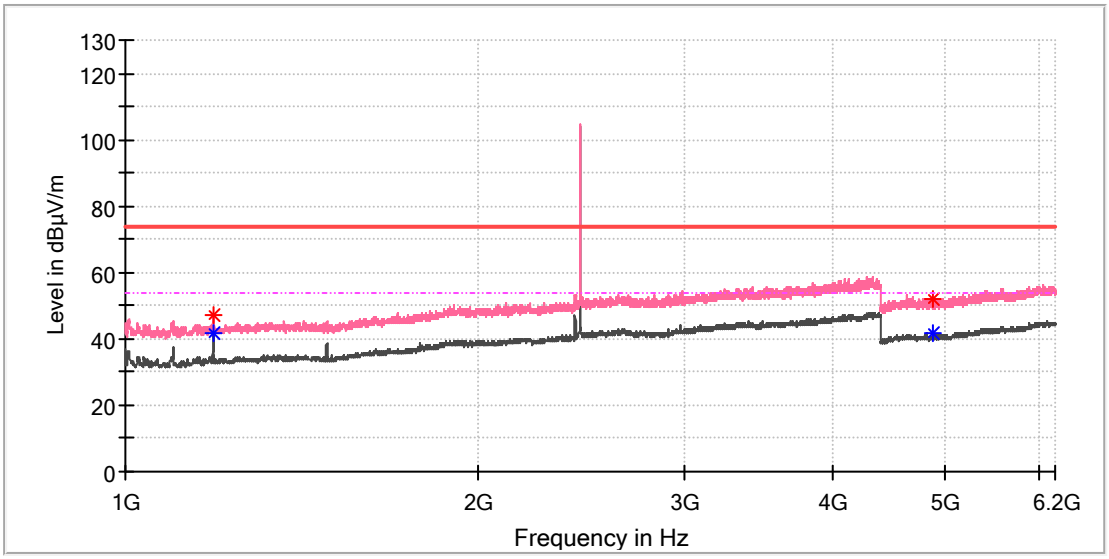
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	---	39.02	54.00	14.98	150.0	H	211.0	1.7
1188.000000	48.10	---	74.00	25.90	150.0	H	274.0	1.7
4881.500000	---	43.19	54.00	10.81	150.0	H	97.0	13.3
4903.500000	51.95	---	74.00	22.05	150.0	H	115.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

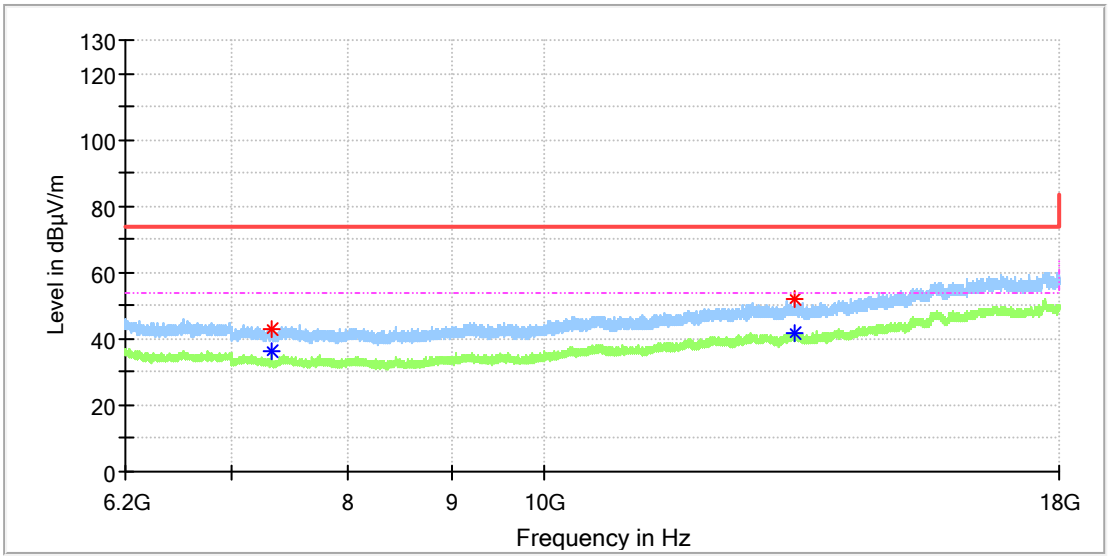
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	47.19	---	74.00	26.81	150.0	V	86.0	1.7
1188.000000	---	41.44	54.00	12.56	150.0	V	86.0	1.7
4882.500000	52.27	---	74.00	21.73	150.0	V	37.0	13.3
4882.500000	---	41.84	54.00	12.16	150.0	V	37.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

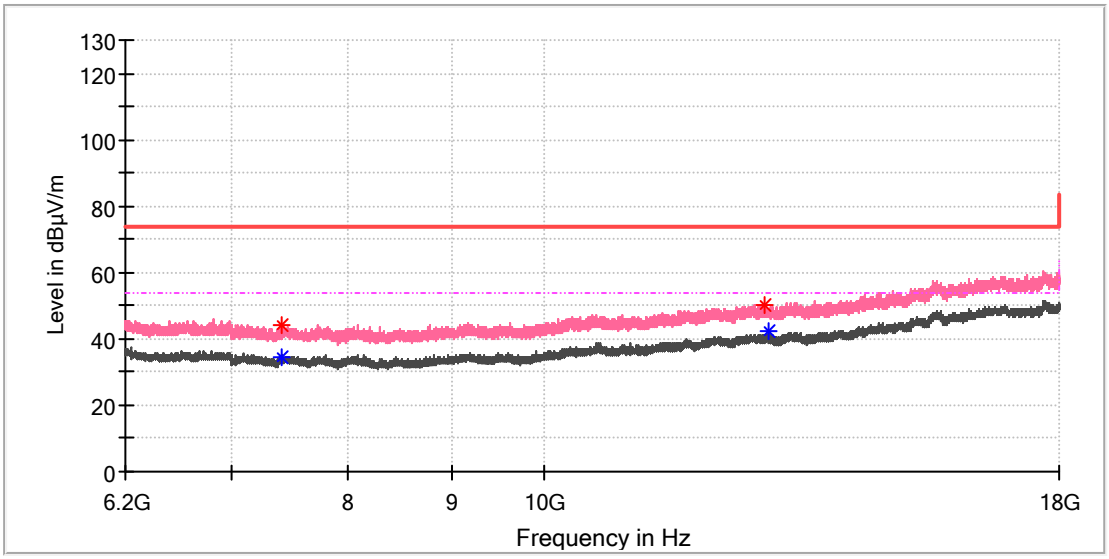
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.475000	---	36.17	54.00	17.83	150.0	H	102.0	8.2
7322.966667	43.13	---	74.00	30.87	150.0	H	102.0	8.2
13309.008333	51.97	---	74.00	22.03	150.0	H	114.0	15.5
13317.366667	---	41.50	54.00	12.50	150.0	H	65.0	15.5

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

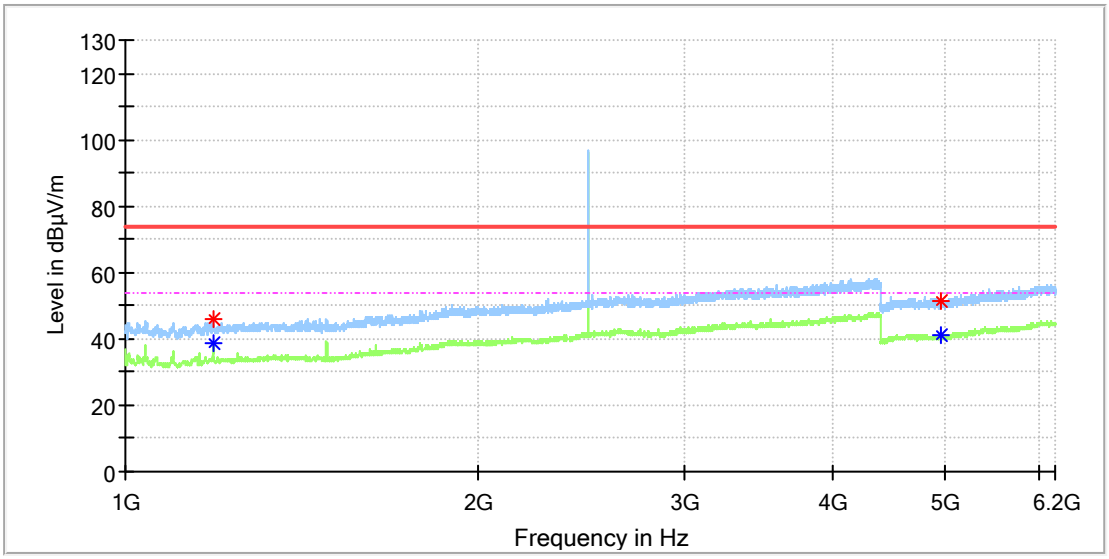
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7403.108333	---	34.70	54.00	19.30	150.0	V	150.0	8.3
7417.366667	44.28	---	74.00	29.72	150.0	V	266.0	8.3
12874.375000	50.43	---	74.00	23.57	150.0	V	359.0	15.4
12909.775000	---	42.16	54.00	11.84	150.0	V	195.0	15.5

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

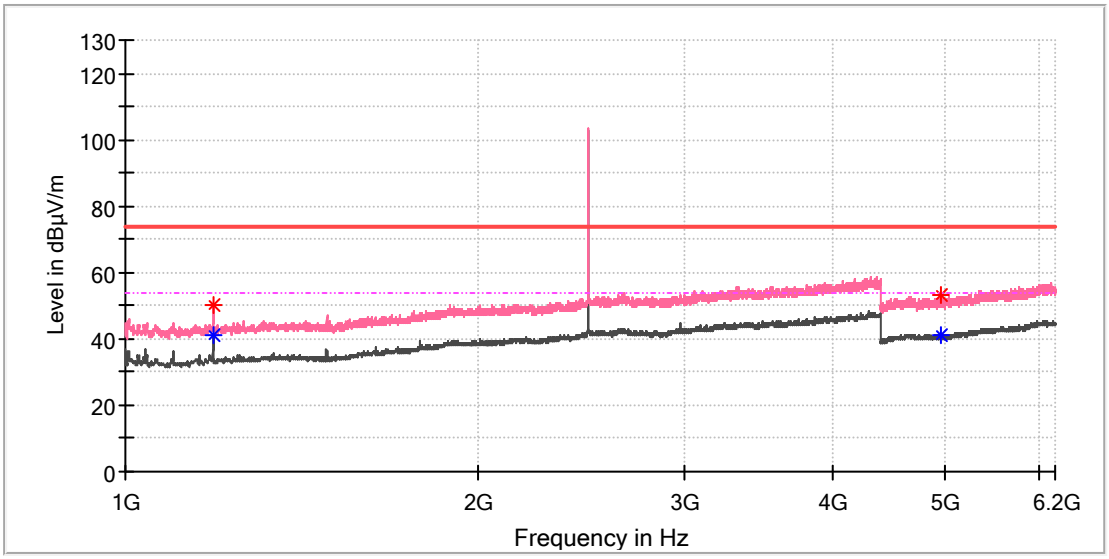
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	45.83	---	74.00	28.17	150.0	H	225.0	1.7
1187.500000	---	38.48	54.00	15.52	150.0	H	225.0	1.7
4951.500000	---	41.25	54.00	12.75	150.0	H	50.0	13.3
4955.000000	51.65	---	74.00	22.35	150.0	H	201.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

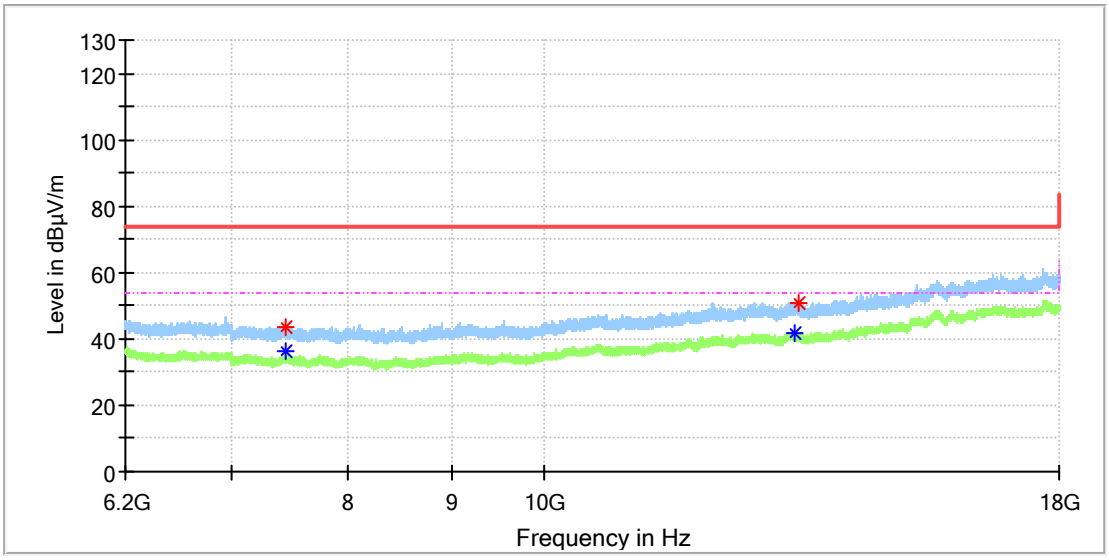
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	---	41.00	54.00	13.00	150.0	V	180.0	1.7
1187.500000	49.94	---	74.00	24.06	150.0	V	180.0	1.7
4951.500000	53.17	---	74.00	20.83	150.0	V	114.0	13.3
4959.500000	---	41.28	54.00	12.72	150.0	V	67.0	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:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

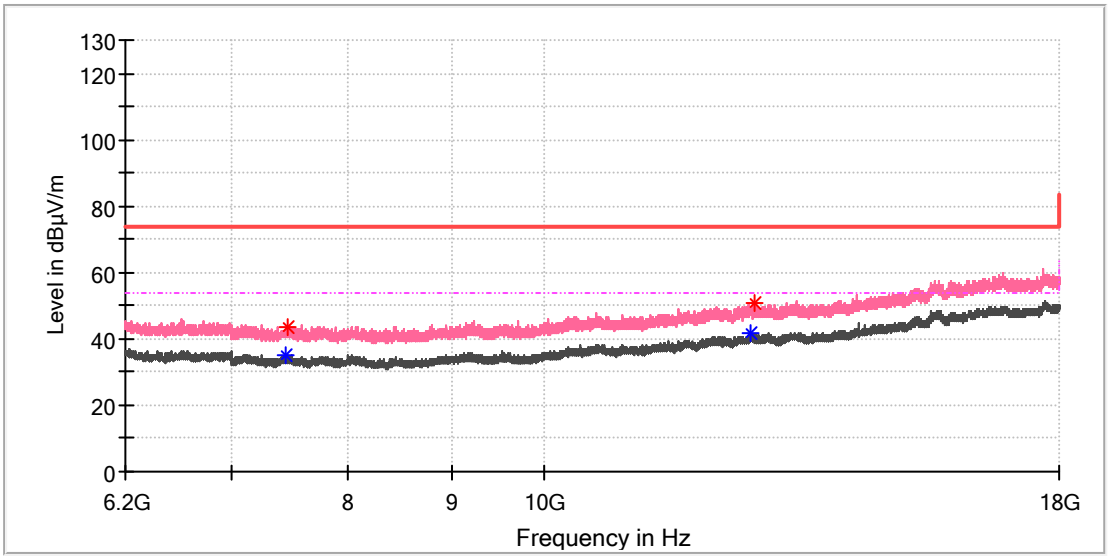
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7440.475000	---	36.27	54.00	17.73	150.0	H	121.0	8.4
7447.358333	43.62	---	74.00	30.38	150.0	H	0.0	8.5
13313.925000	---	42.00	54.00	12.00	150.0	H	180.0	15.5
13360.141667	50.55	---	74.00	23.45	150.0	H	97.0	15.5

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
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)
7449.816667	---	35.01	54.00	18.99	150.0	V	91.0	8.5
7468.500000	43.72	---	74.00	30.28	150.0	V	19.0	8.6
12658.041667	---	41.74	54.00	12.26	150.0	V	295.0	15.0
12723.925000	51.04	---	74.00	22.96	150.0	V	31.0	15.2

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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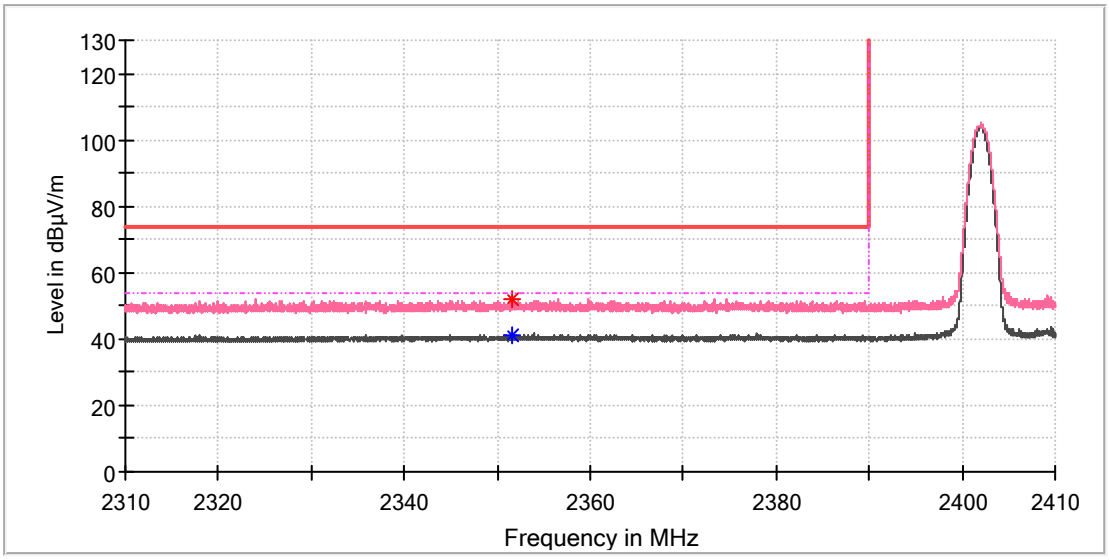
Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

Left earbud

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

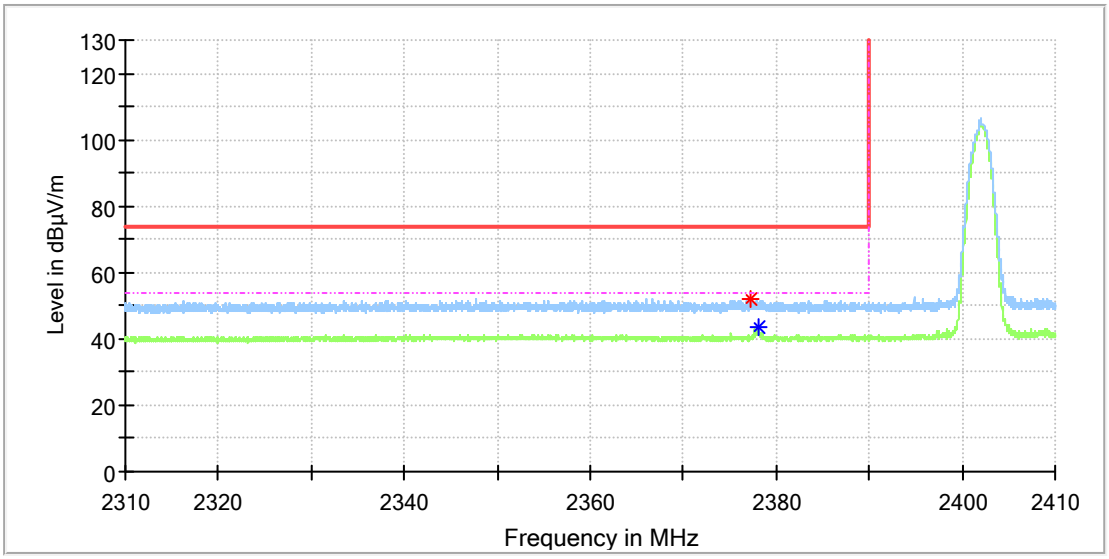
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2351.514706	---	40.95	54.00	13.05	150.0	V	247.0	8.5
2351.514706	52.19	---	74.00	21.81	150.0	V	247.0	8.5

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

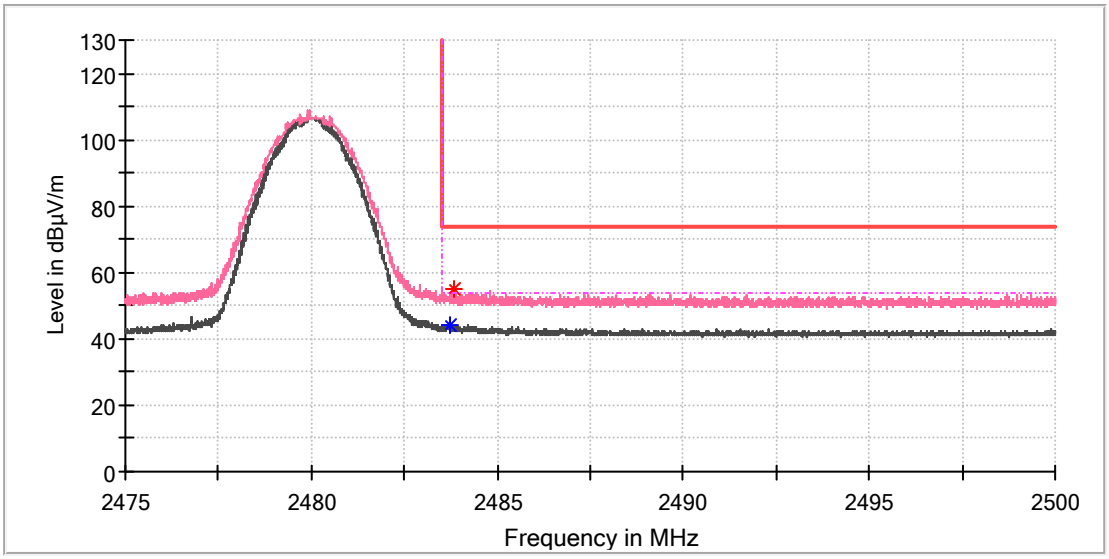
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2377.235294	51.85	---	74.00	22.15	150.0	H	352.0	8.5
2378.014706	---	43.32	54.00	10.68	150.0	H	310.0	8.5

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

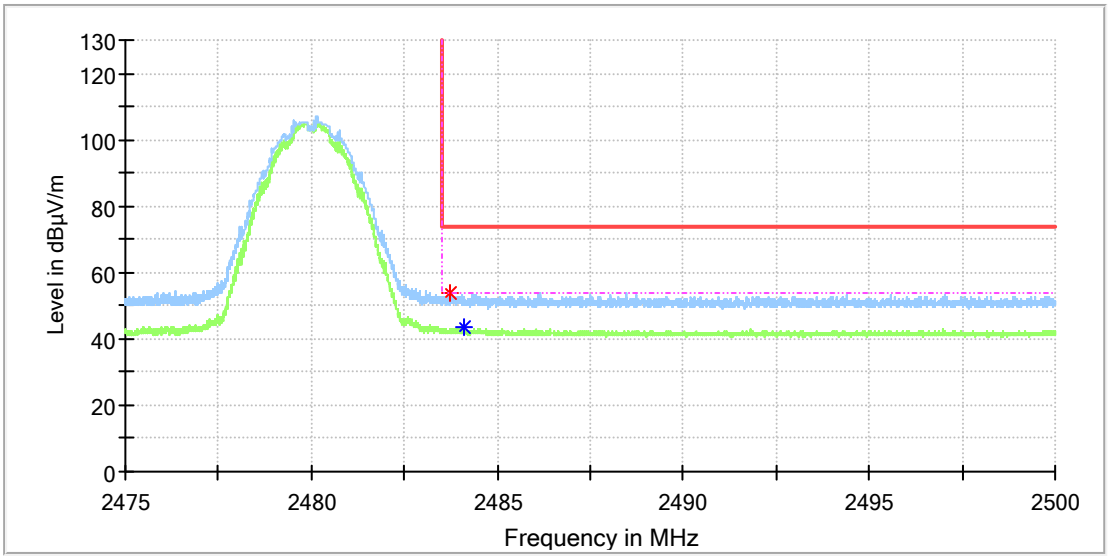
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.705882	---	44.38	54.00	9.62	150.0	V	71.0	9.0
2483.812500	55.06	---	74.00	18.94	150.0	V	58.0	9.0

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-018
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.727941	53.53	---	74.00	20.47	150.0	H	224.0	9.0
2484.102941	---	43.28	54.00	10.72	150.0	H	239.0	9.0

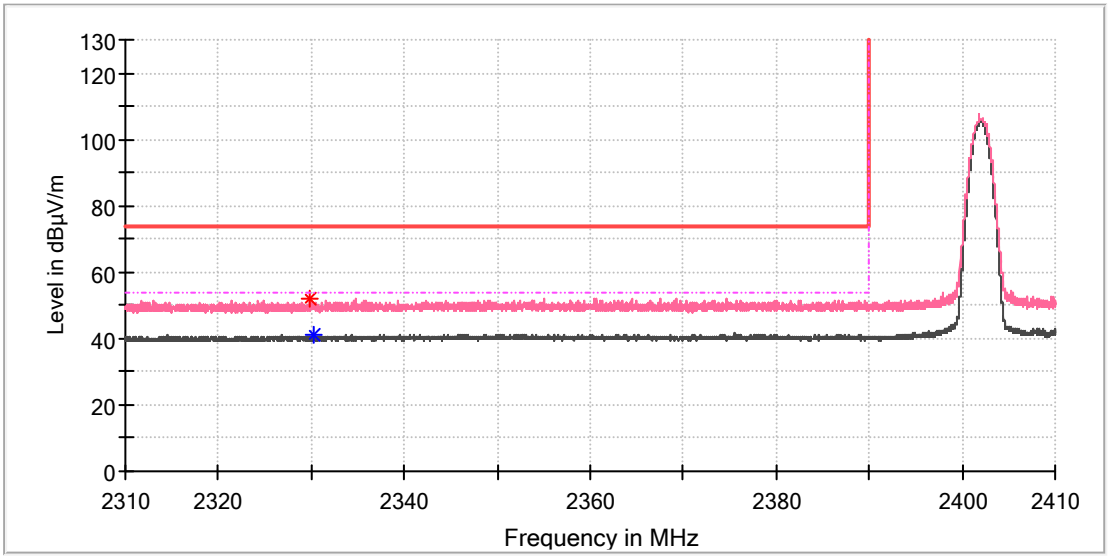
Final_Result

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

Right earbud

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

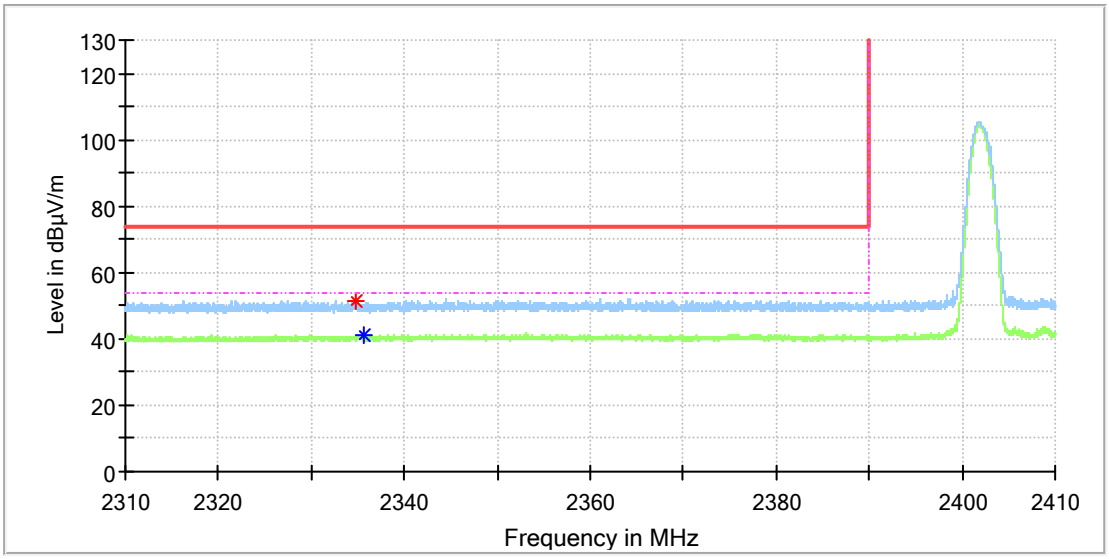
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2329.897059	51.99	---	74.00	22.01	150.0	V	38.0	8.3
2330.338235	---	40.97	54.00	13.03	150.0	V	225.0	8.3

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

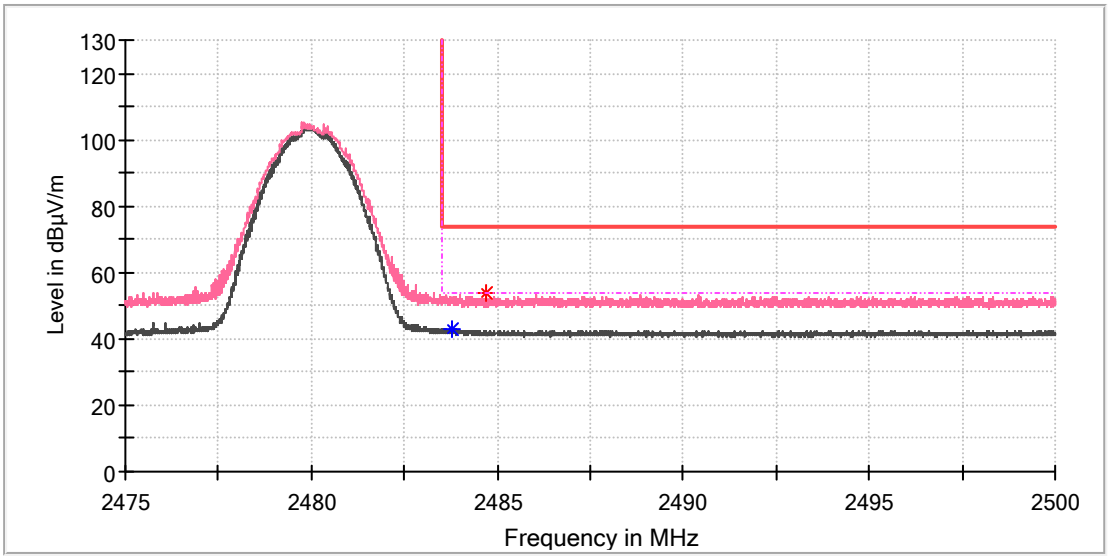
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2334.705882	51.16	---	74.00	22.84	150.0	H	187.0	8.3
2335.544118	---	40.85	54.00	13.15	150.0	H	208.0	8.4

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

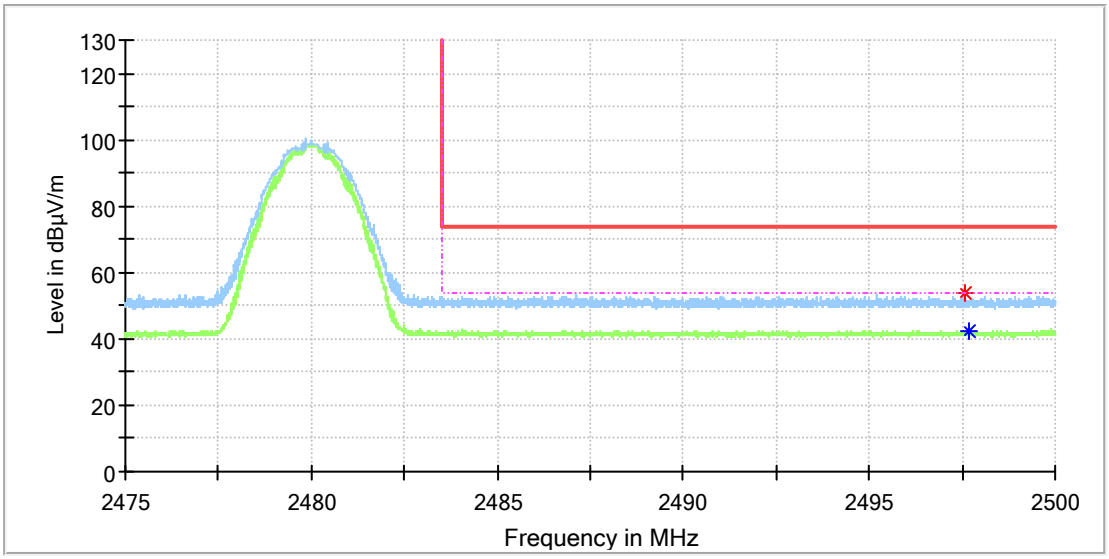
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.768382	---	42.88	54.00	11.12	150.0	V	11.0	9.0
2484.720588	54.01	---	74.00	19.99	150.0	V	222.0	9.0

Final_Result

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

EUT Information

EUT Name:	OPENFIT 2
Model:	SHOKZ T920
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168505519/A003825629-019
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
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)
2497.555147	53.68	---	74.00	20.32	150.0	H	303.0	9.0
2497.709559	---	42.25	54.00	11.75	150.0	H	94.0	9.0

Final_Result

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