

Test Report No.50244583 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50244583 001 AppendixD)

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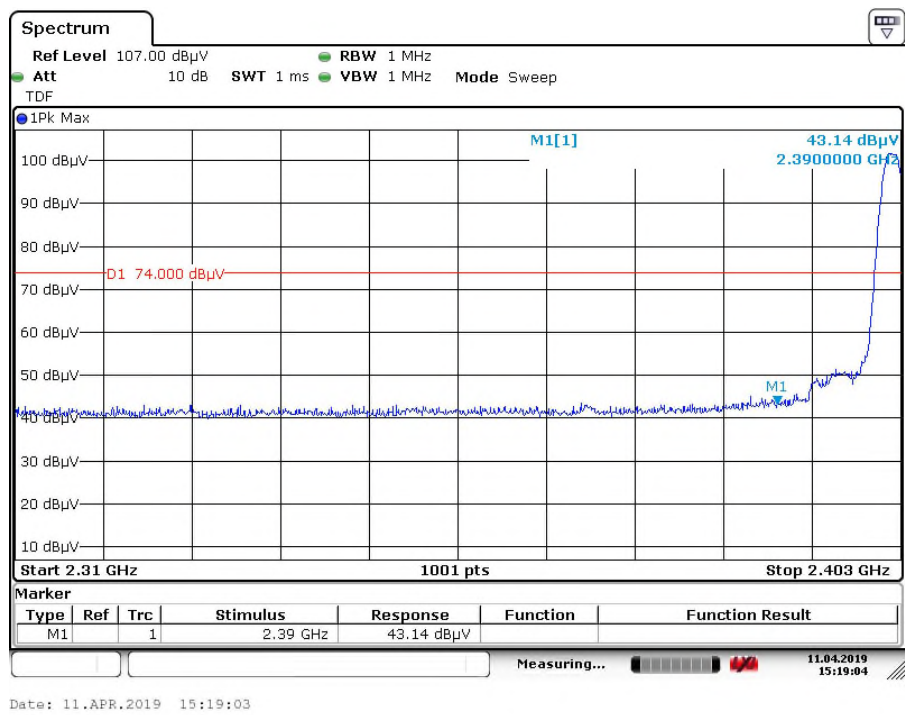
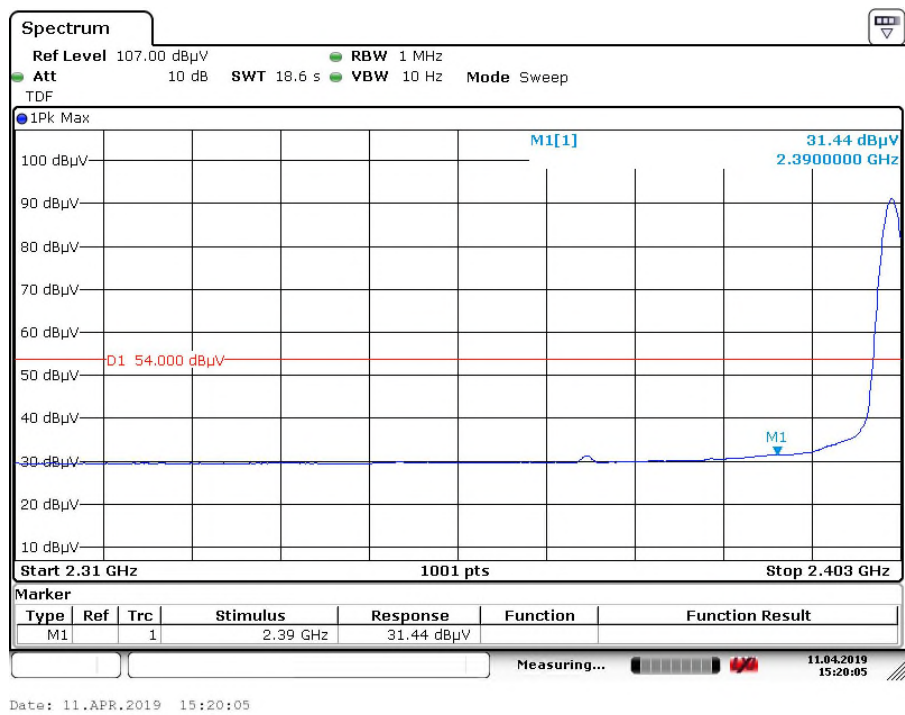
Mains43

Left Ear

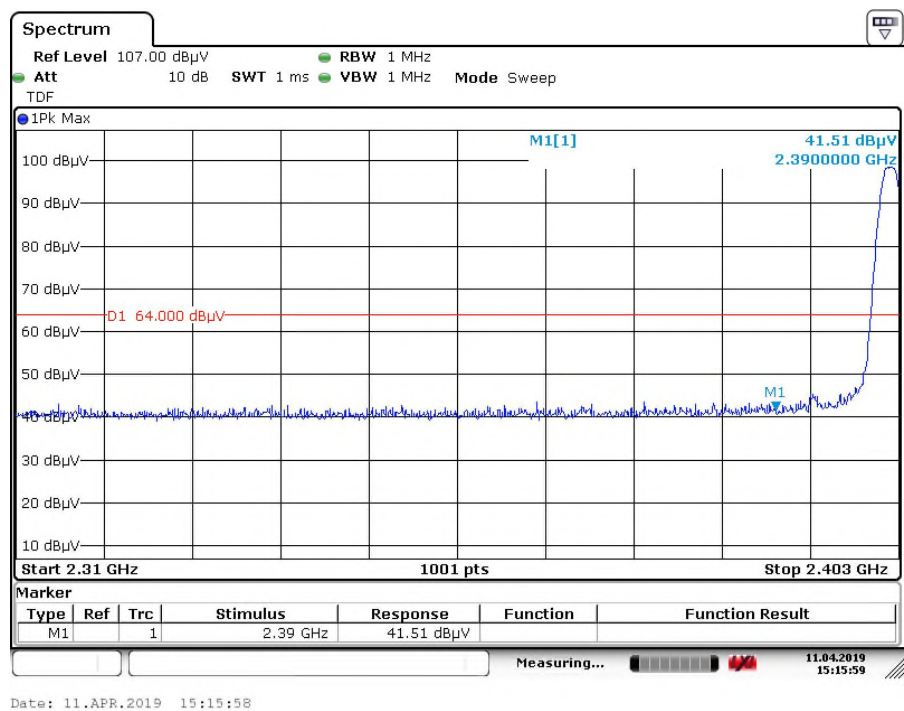
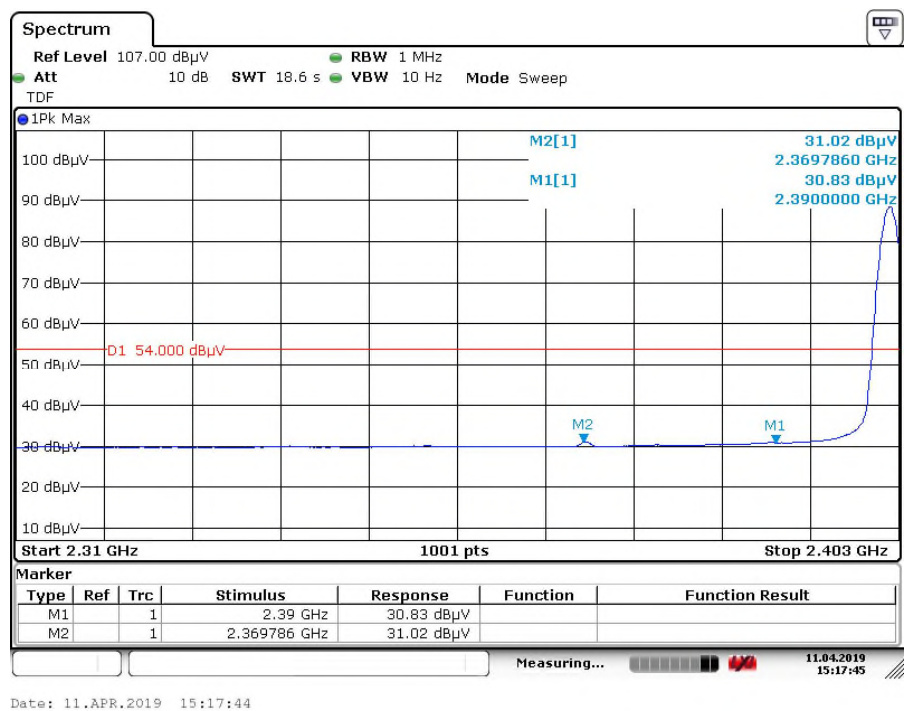
Spurious Emissions, Band Edges, 2.35-2.5G

Radiated Bandedge (GFSK)

Low Channel (Hor)

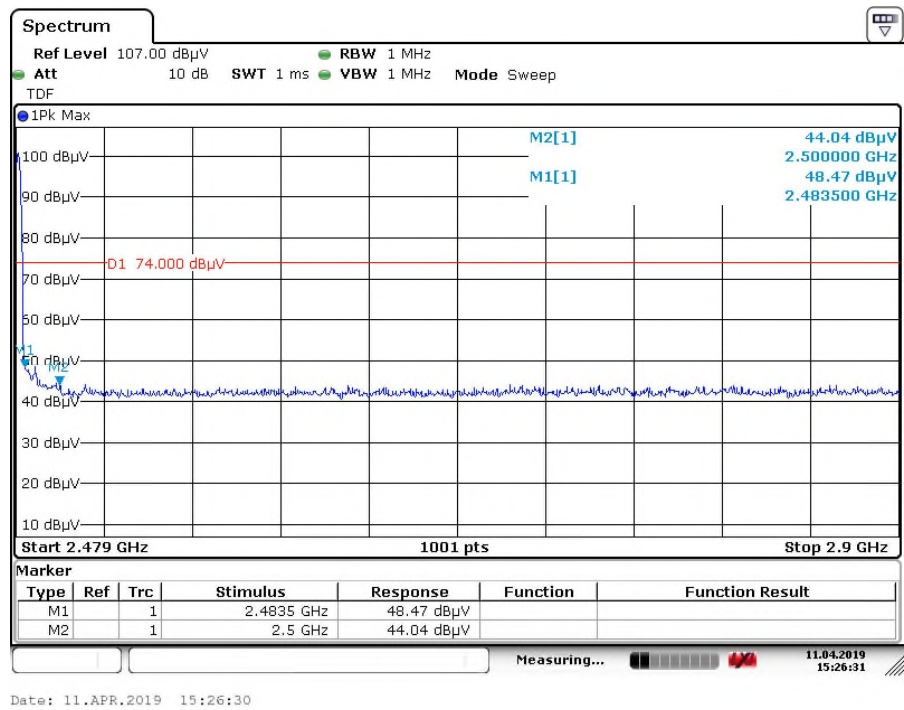
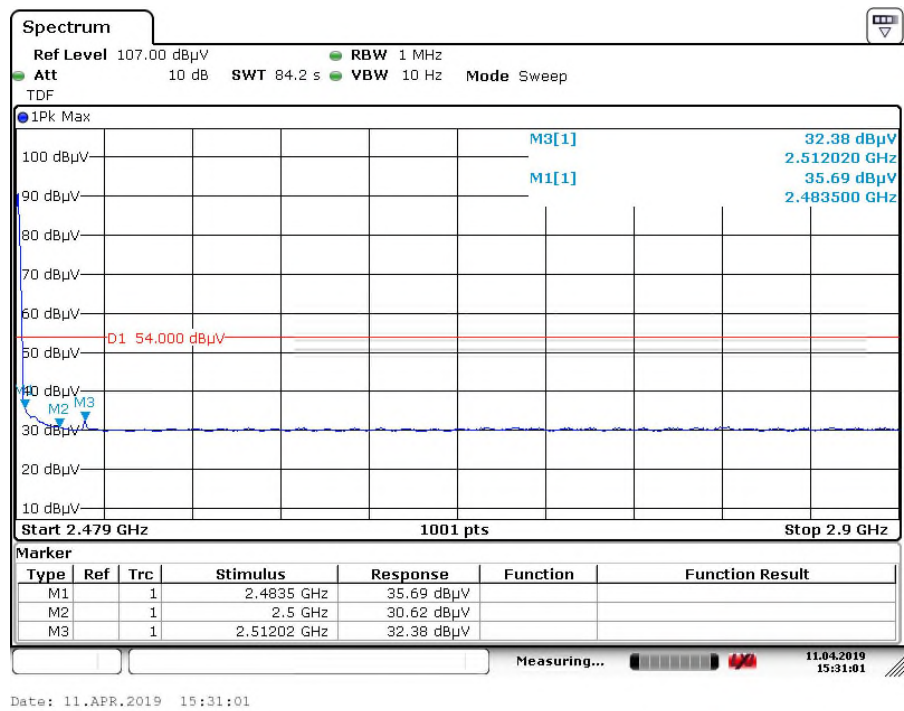


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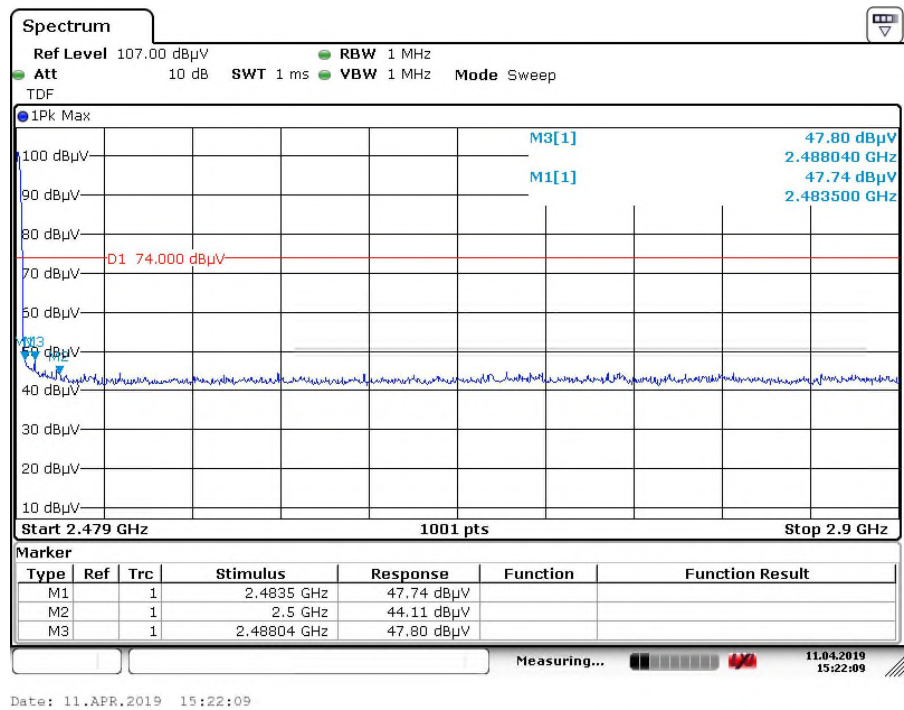
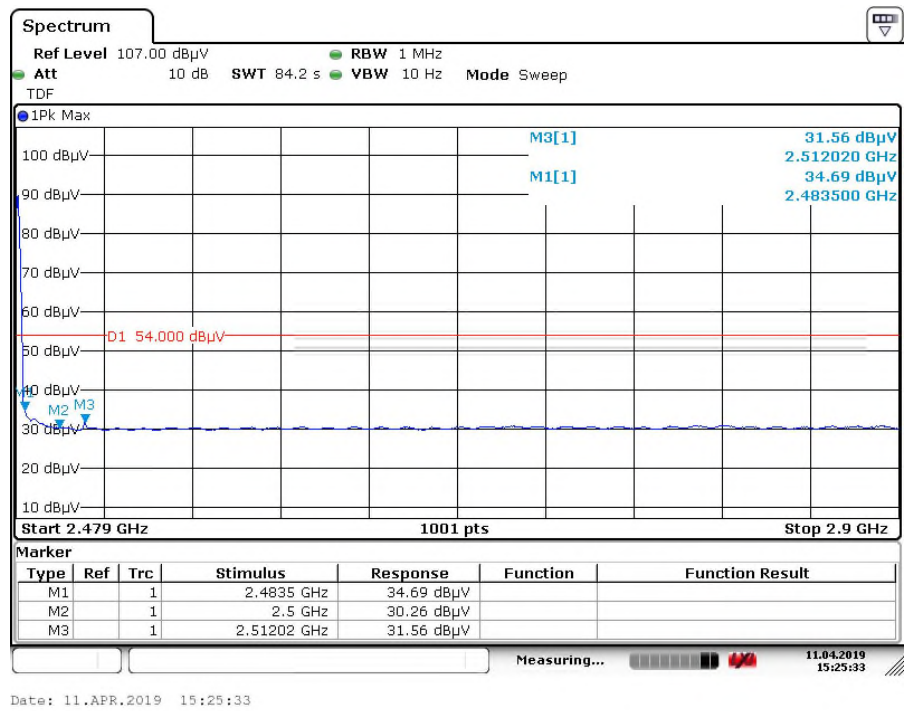


Radiated Bandedge (GFSK)

High Channel (Hor)



High Channel (Ver)



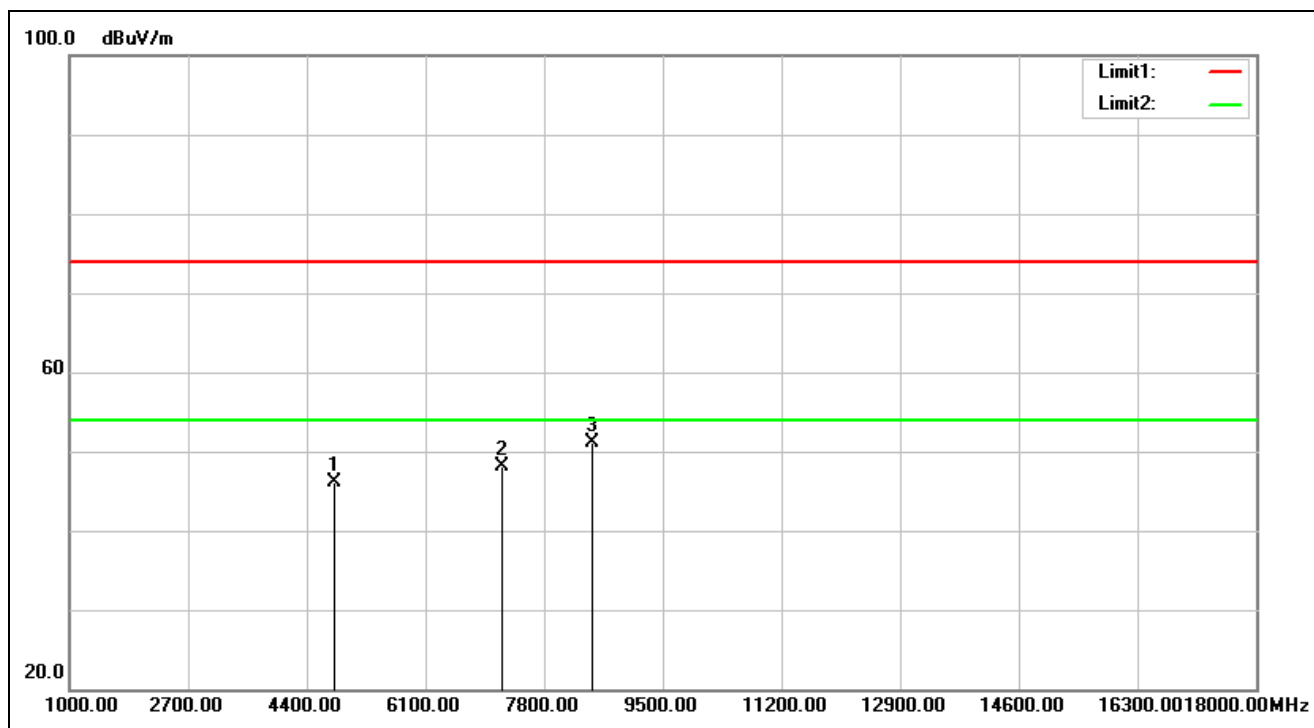
Spurious Emissions, TX Mode, 1-18G



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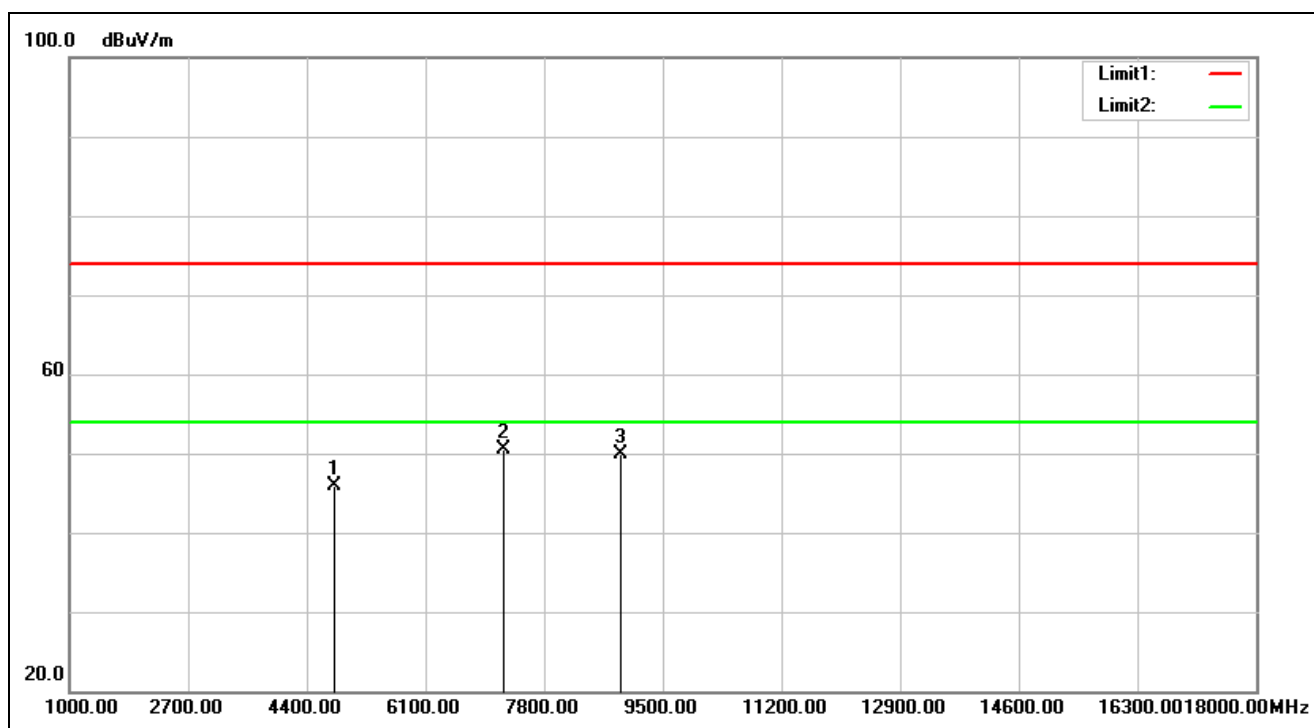
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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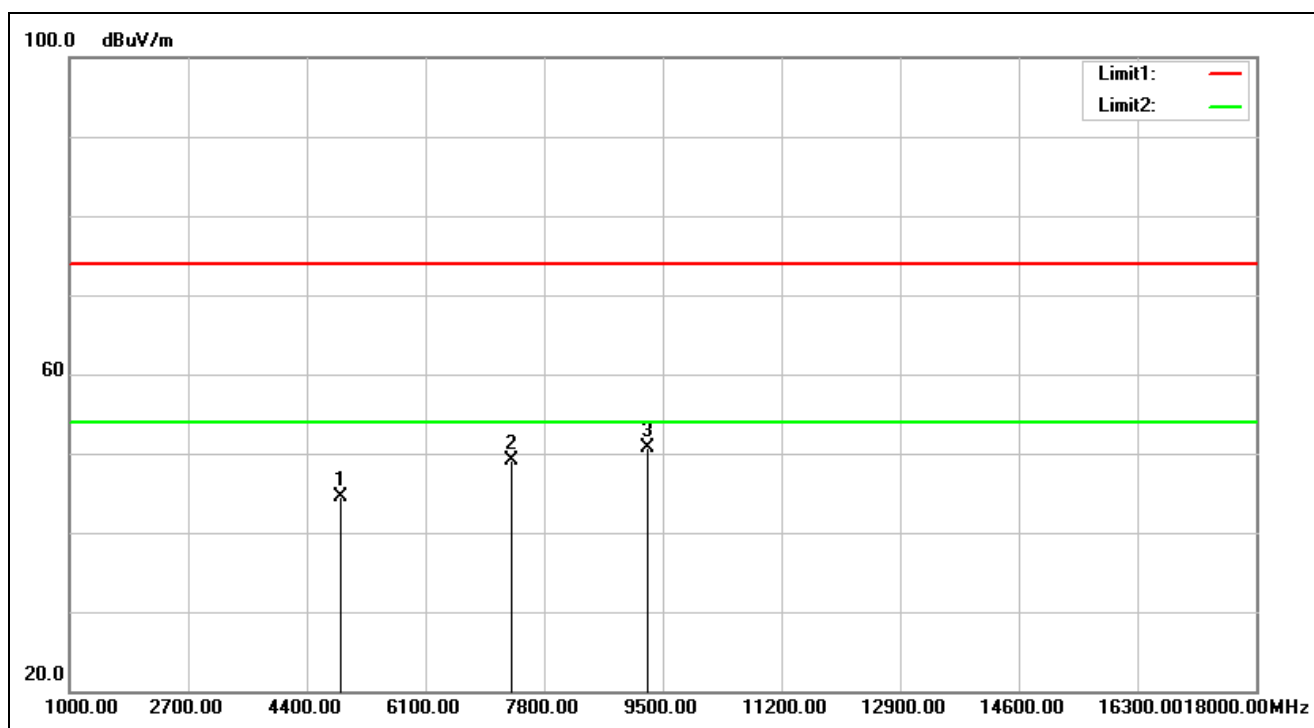
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 15:47:23
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2402		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.64	48.82	46.18	74.00	-27.82	peak	100	114	
2	7206.000	5.26	42.77	48.03	74.00	-25.97	peak	100	8	
3	8497.000	6.61	44.53	51.14	74.00	-22.86	peak	104	77	



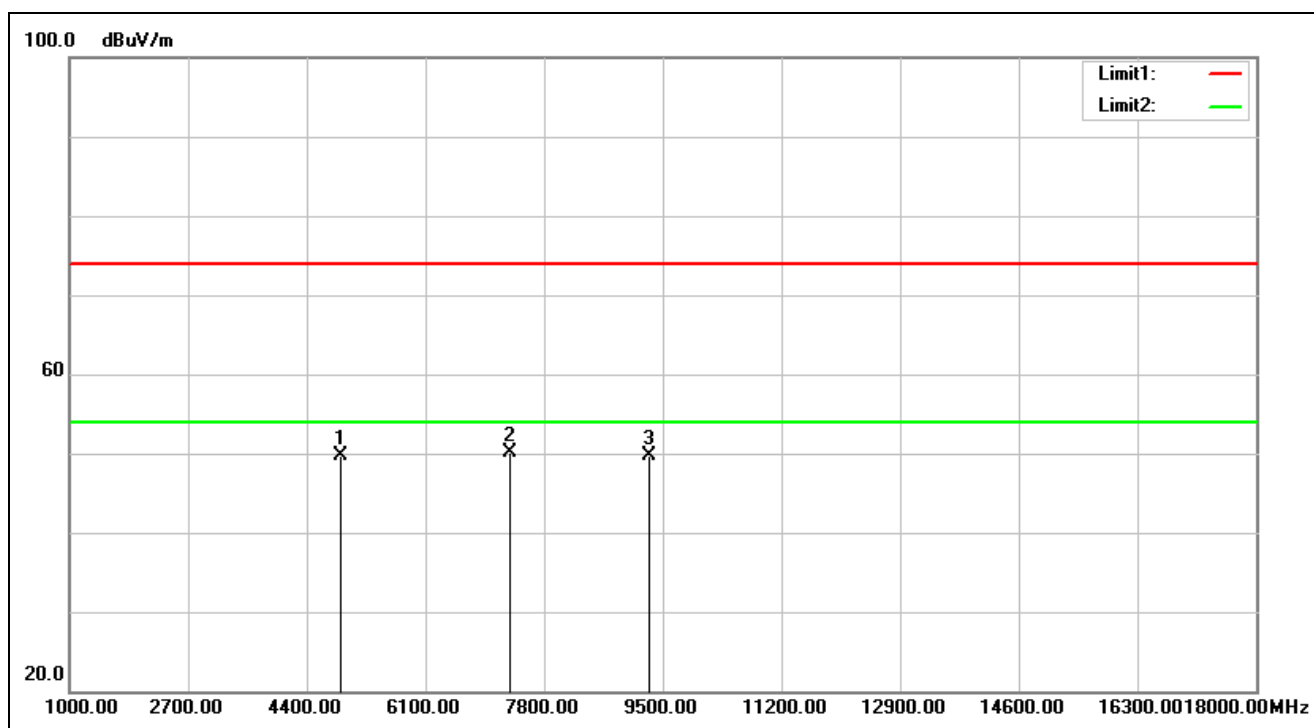
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Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 15:48:15
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2402		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.64	48.47	45.83	74.00	-28.17	peak	100	48	
2	7206.000	5.26	45.34	50.60	74.00	-23.40	peak	113	0	
3	8905.000	6.61	43.21	49.82	74.00	-24.18	peak	100	0	



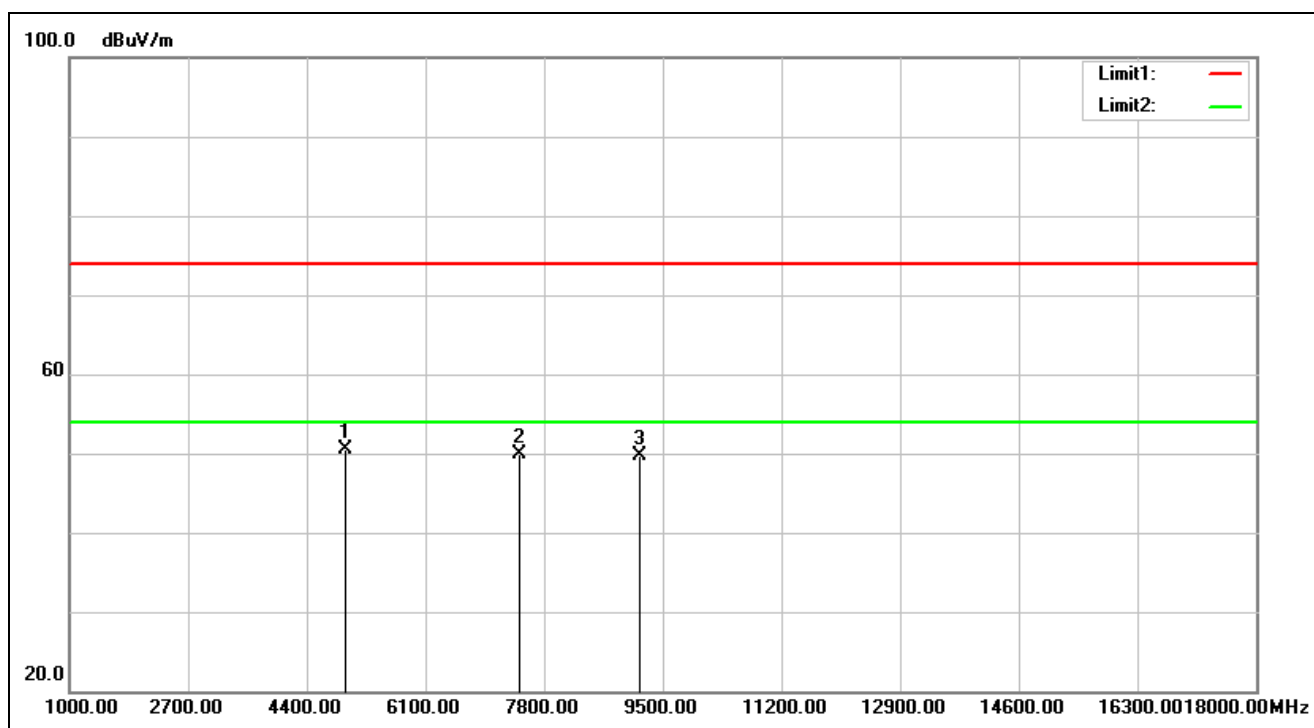
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Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 15:50:39
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.45	46.97	44.52	74.00	-29.48	peak	116	121	
2	7320.000	5.54	43.66	49.20	74.00	-24.80	peak	102	97	
3	9279.000	6.48	44.22	50.70	74.00	-23.30	peak	100	347	



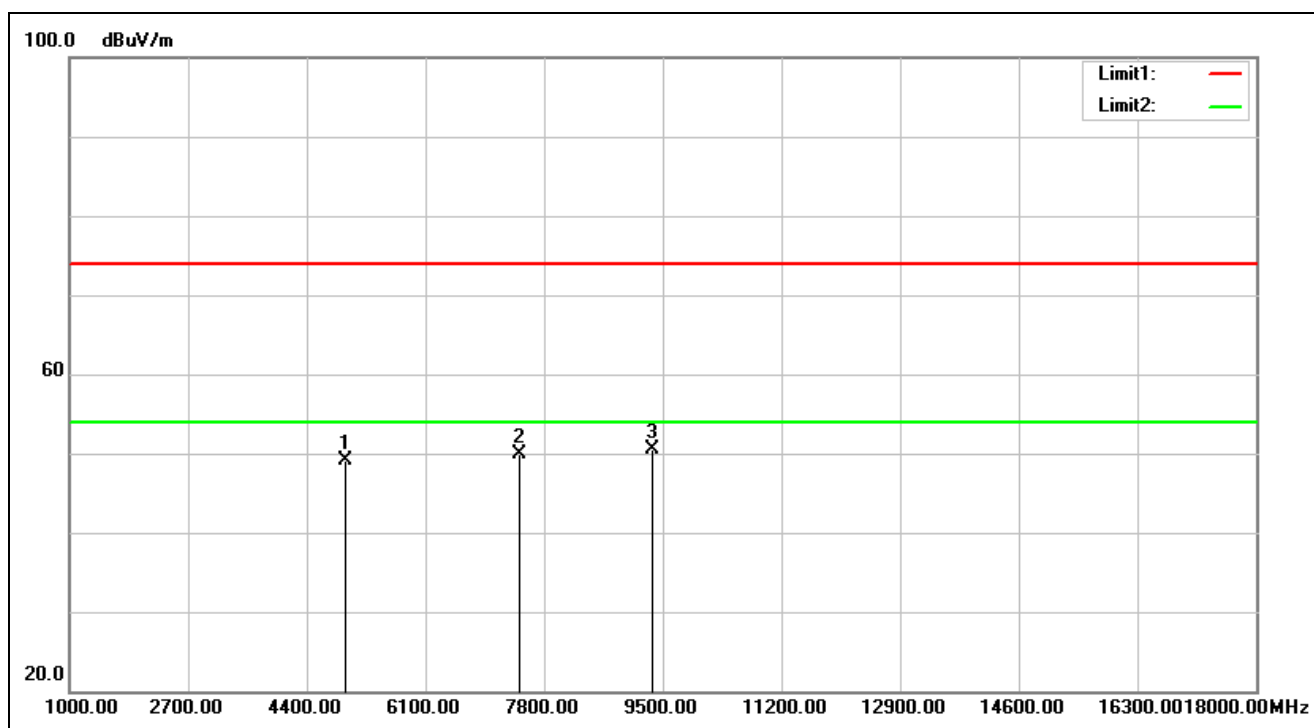
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Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 15:51:31
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.45	52.14	49.69	74.00	-24.31	peak	100	195	
2	7320.000	5.54	44.64	50.18	74.00	-23.82	peak	114	123	
3	9313.000	6.48	43.21	49.69	74.00	-24.31	peak	110	209	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 15:54:11
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2480		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.25	52.84	50.59	74.00	-23.41	peak	100	240	
2	7440.000	5.83	43.98	49.81	74.00	-24.19	peak	100	66	
3	9177.000	6.53	43.19	49.72	74.00	-24.28	peak	100	356	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 15:55:03
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2480		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.25	51.34	49.09	74.00	-24.91	peak	100	239	
2	7440.000	5.83	43.98	49.81	74.00	-24.19	peak	100	174	
3	9347.000	6.46	44.08	50.54	74.00	-23.46	peak	100	360	

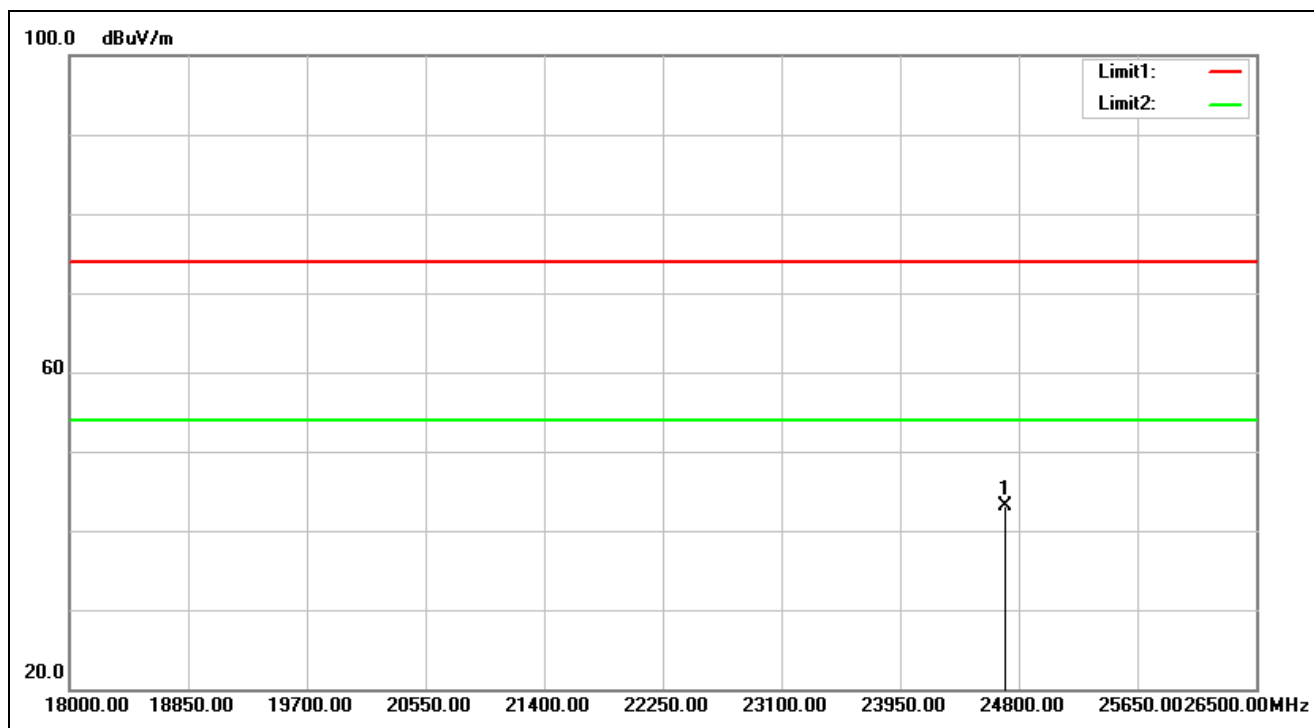
Spurious Emissions, TX Mode, 18-26G



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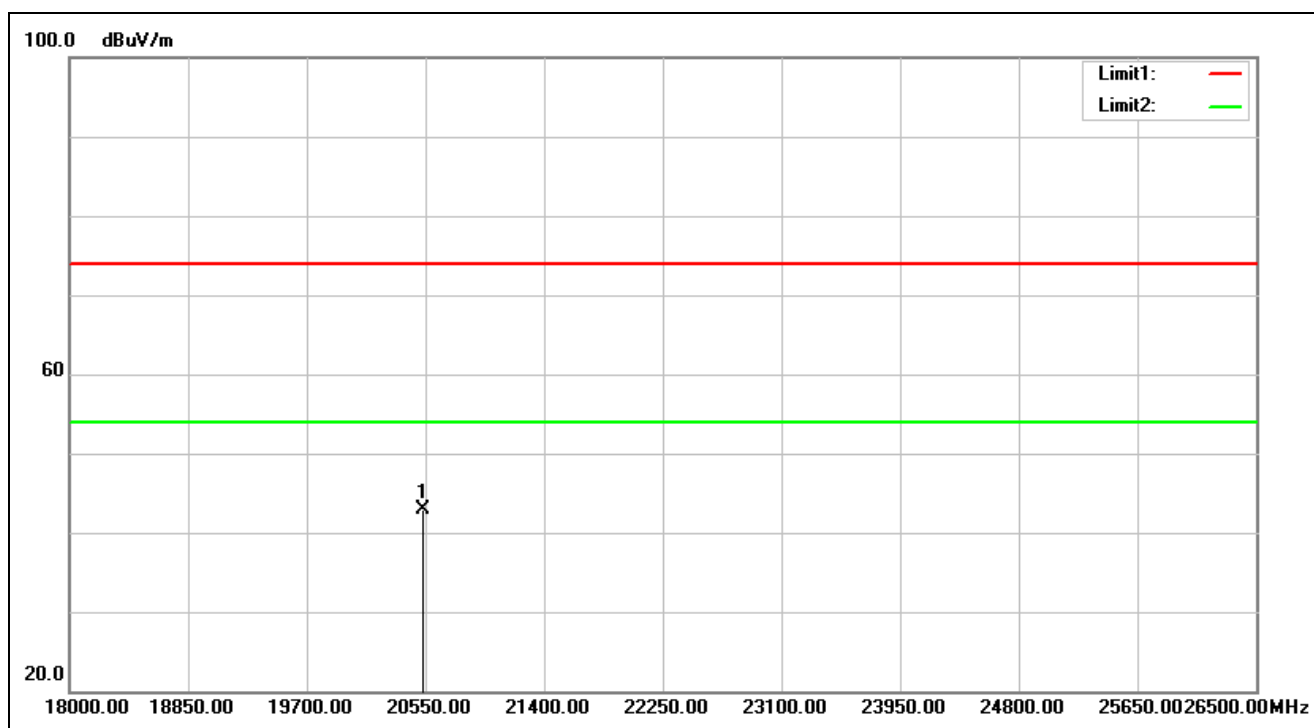
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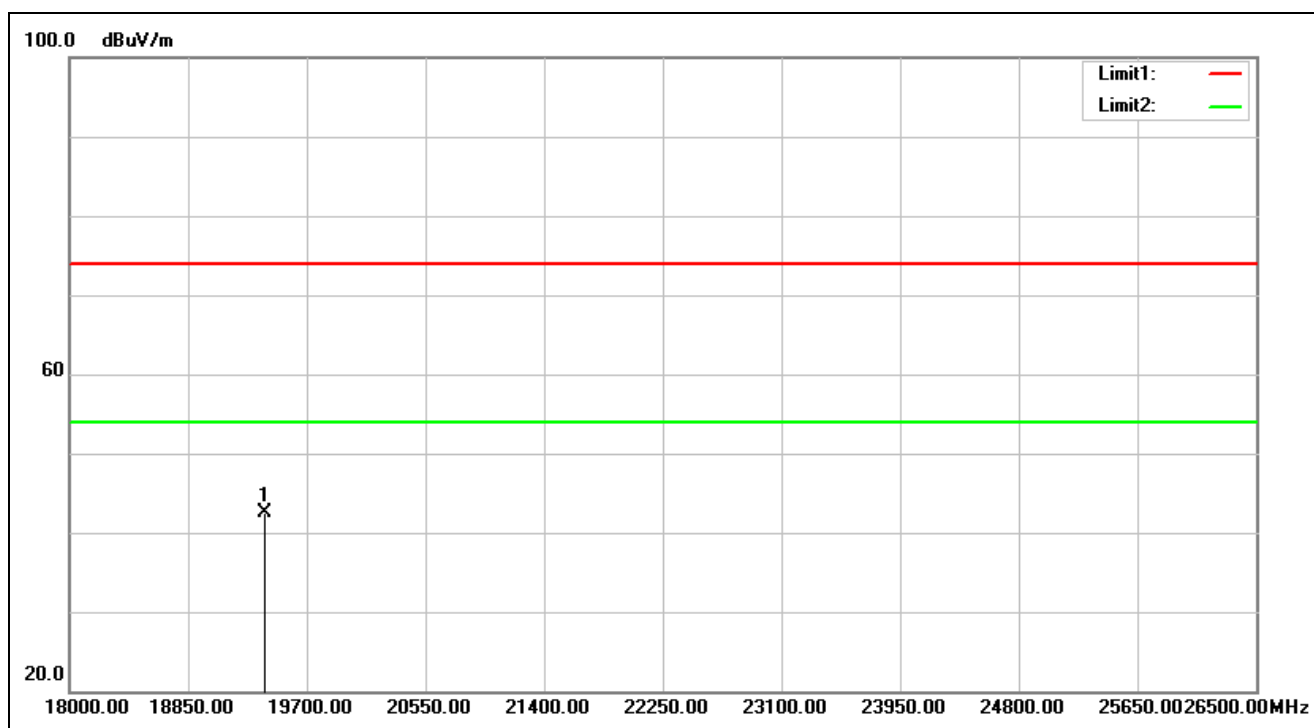
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Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:42:51
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2402		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24706.500	5.05	37.97	43.02	74.00	-30.98	peak	100	317	



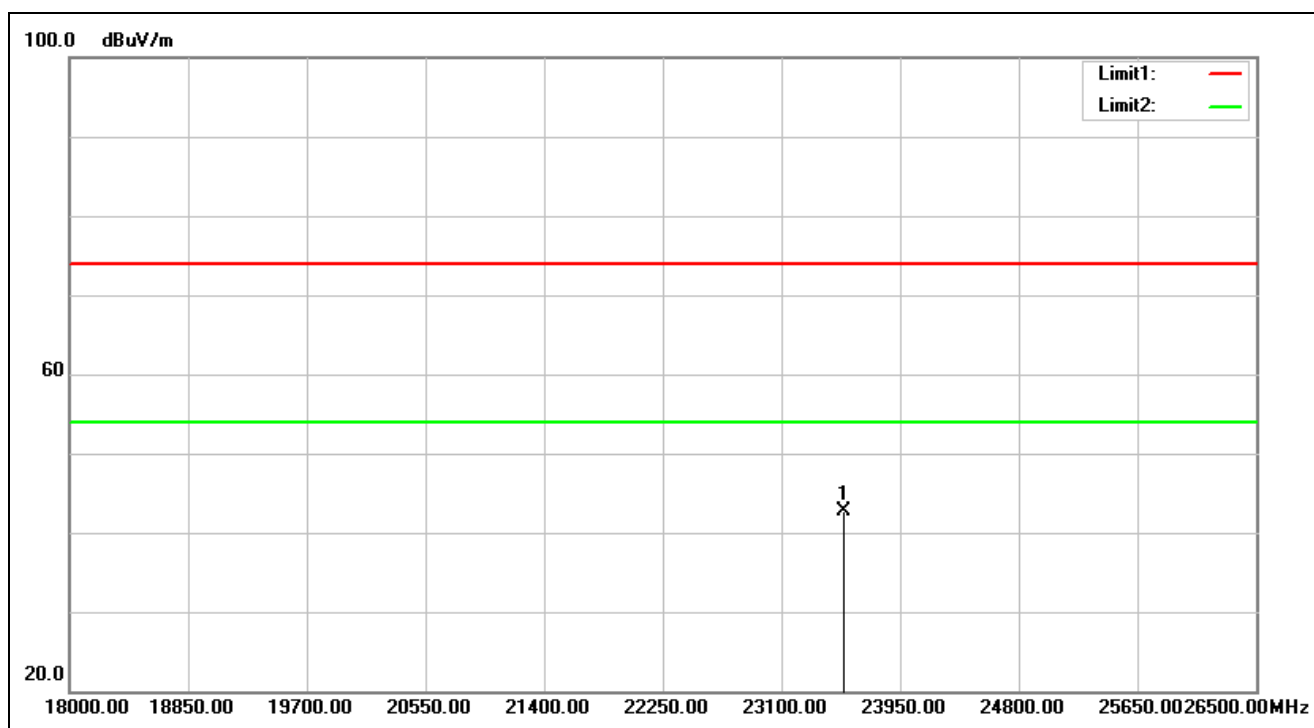
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Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:43:58
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2402		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20533.000	4.21	38.77	42.98	74.00	-31.02	peak	100	82	



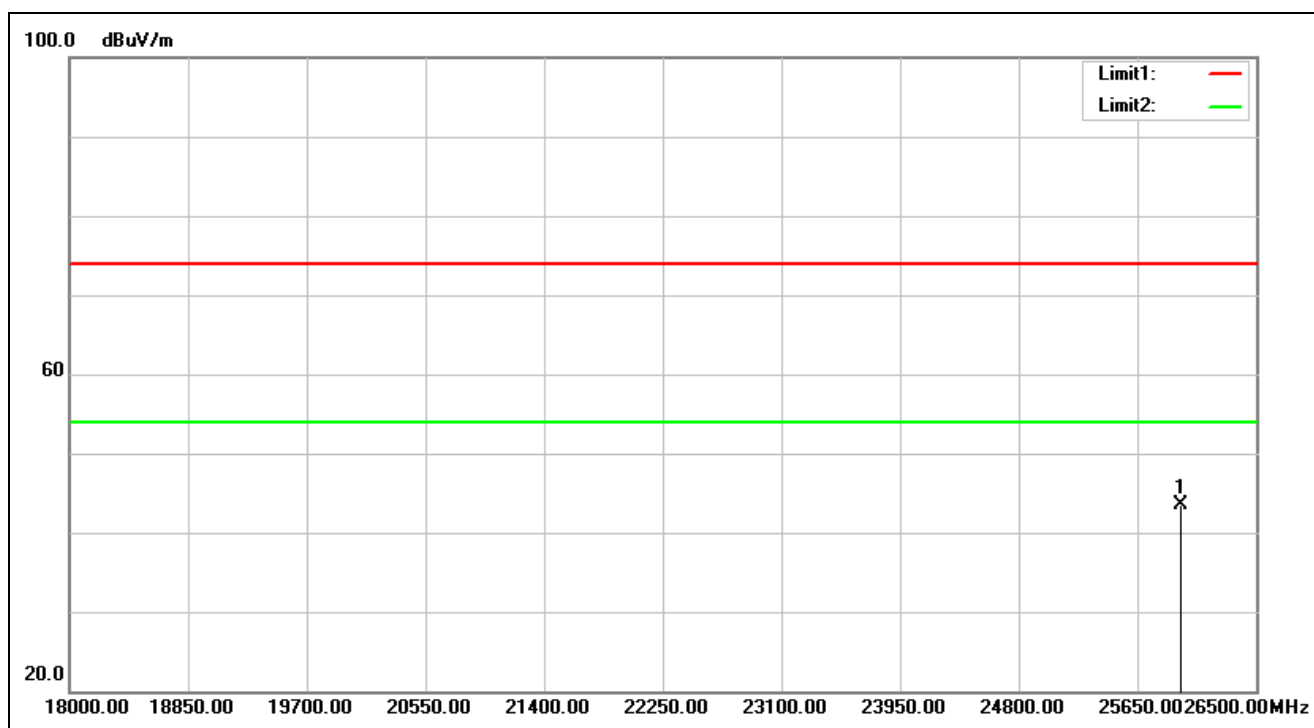
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:45:30
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19394.000	3.82	38.69	42.51	74.00	-31.49	peak	112	117	



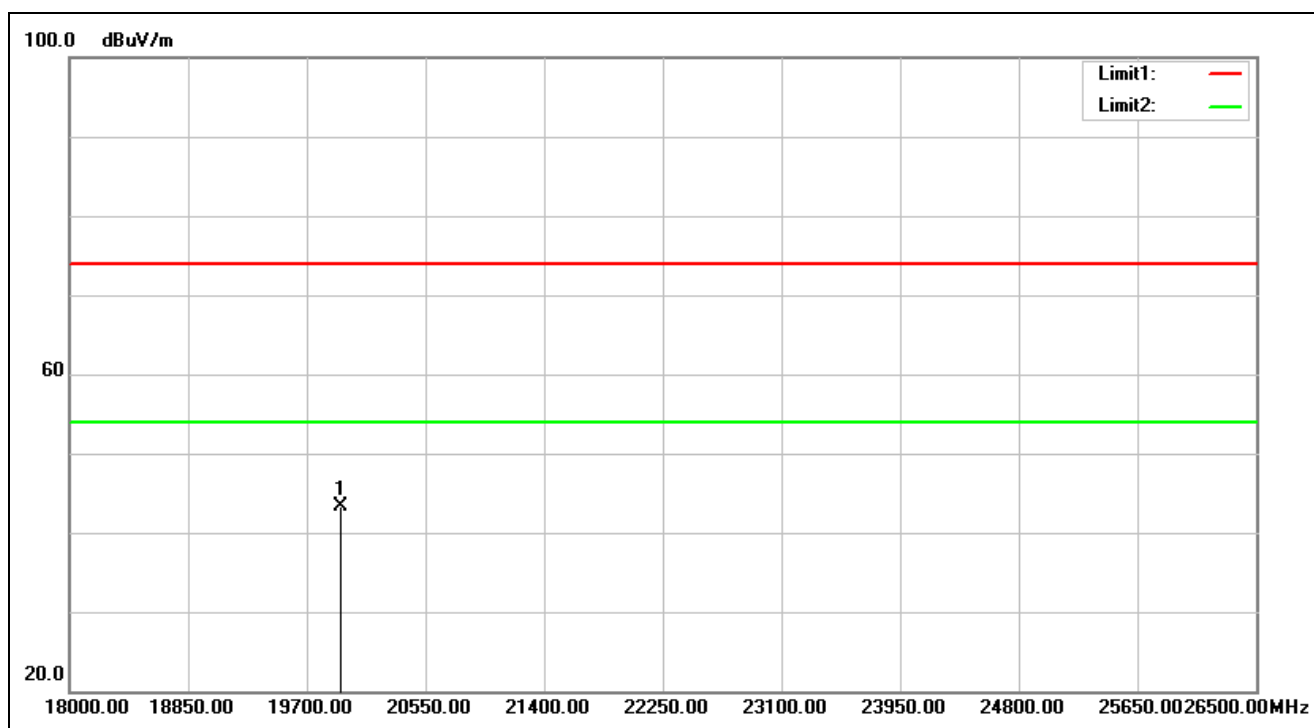
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Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:46:37
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23550.500	5.27	37.40	42.67	74.00	-31.33	peak	100	106	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:47:11
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2480		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25956.000	5.65	37.76	43.41	74.00	-30.59	peak	100	307	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:48:18
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2480		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19938.000	3.81	39.46	43.27	74.00	-30.73	peak	100	42	

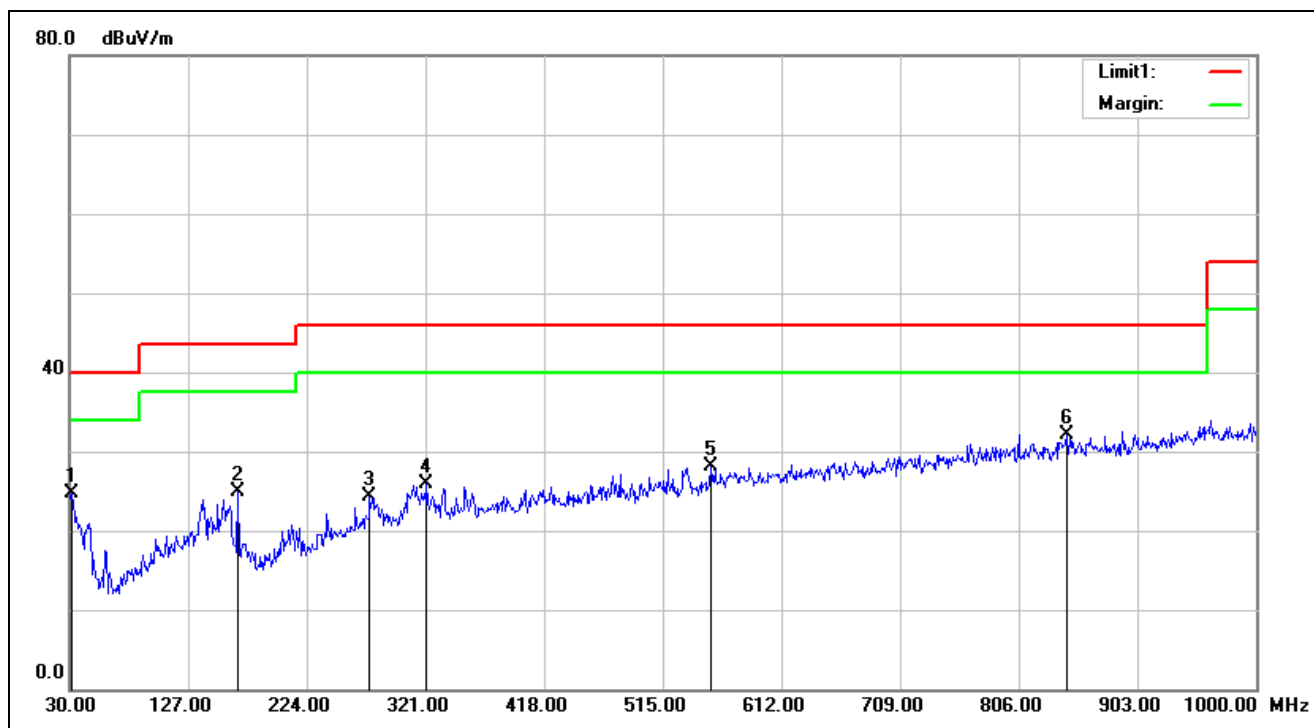
Spurious Emissions, TX Mode, 30M-1G



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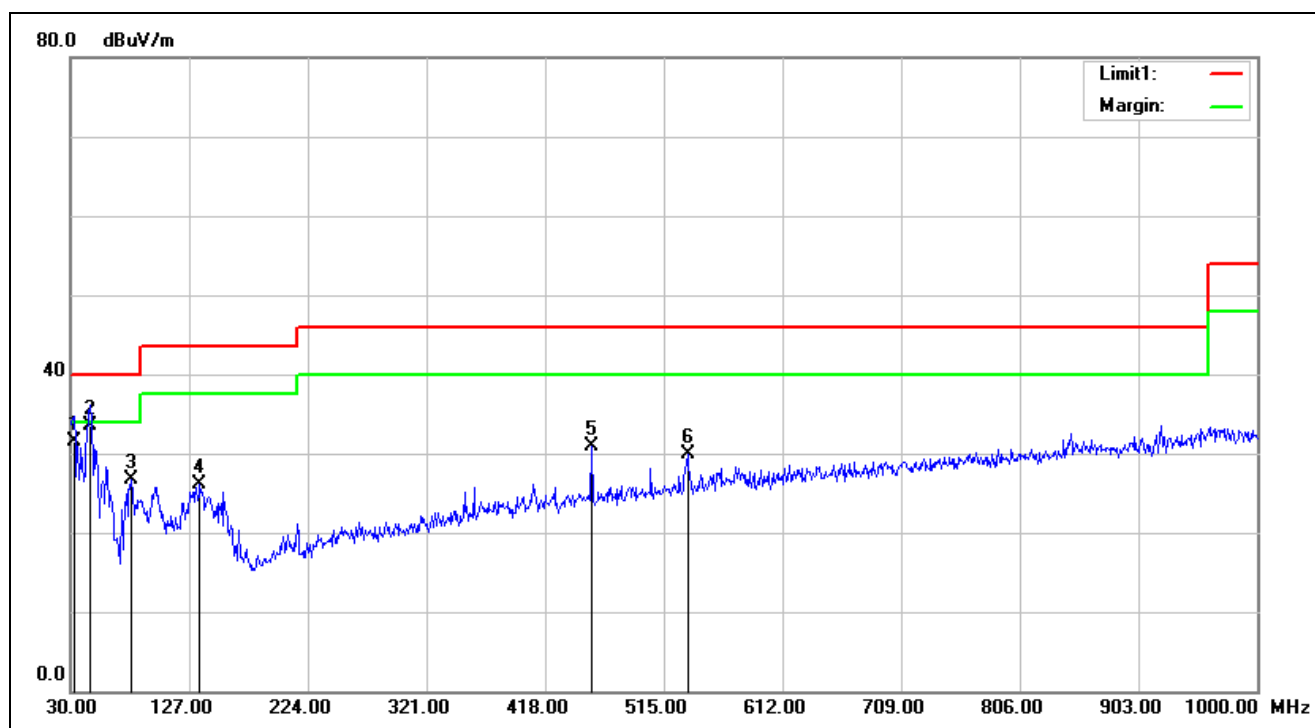
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Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:59:29
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	31.9400	-1.08	25.70	24.62	40.00	-15.38	QP	100	193	
2	167.7400	-8.75	33.60	24.85	43.50	-18.65	QP	100	197	
3	275.4100	-5.26	29.55	24.29	46.00	-21.71	QP	100	249	
4	321.9700	-4.29	30.15	25.86	46.00	-20.14	QP	100	288	
5	554.7698	-0.27	28.33	28.06	46.00	-17.94	QP	152	147	
6	845.7699	3.85	28.27	32.12	46.00	-13.88	QP	100	134	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 17:01:22
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	32.9100	-1.75	33.35	31.60	40.00	-8.40	QP	104	52	
2	45.5200	-8.85	42.35	33.50	40.00	-6.50	QP	113	213	
3	79.4700	-12.00	38.65	26.65	40.00	-13.35	QP	100	108	
4	135.7300	-7.00	33.02	26.02	43.50	-17.48	QP	100	19	
5	455.8300	-1.87	32.72	30.85	46.00	-15.15	QP	100	216	
6	534.4000	-0.94	30.94	30.00	46.00	-16.00	QP	100	141	

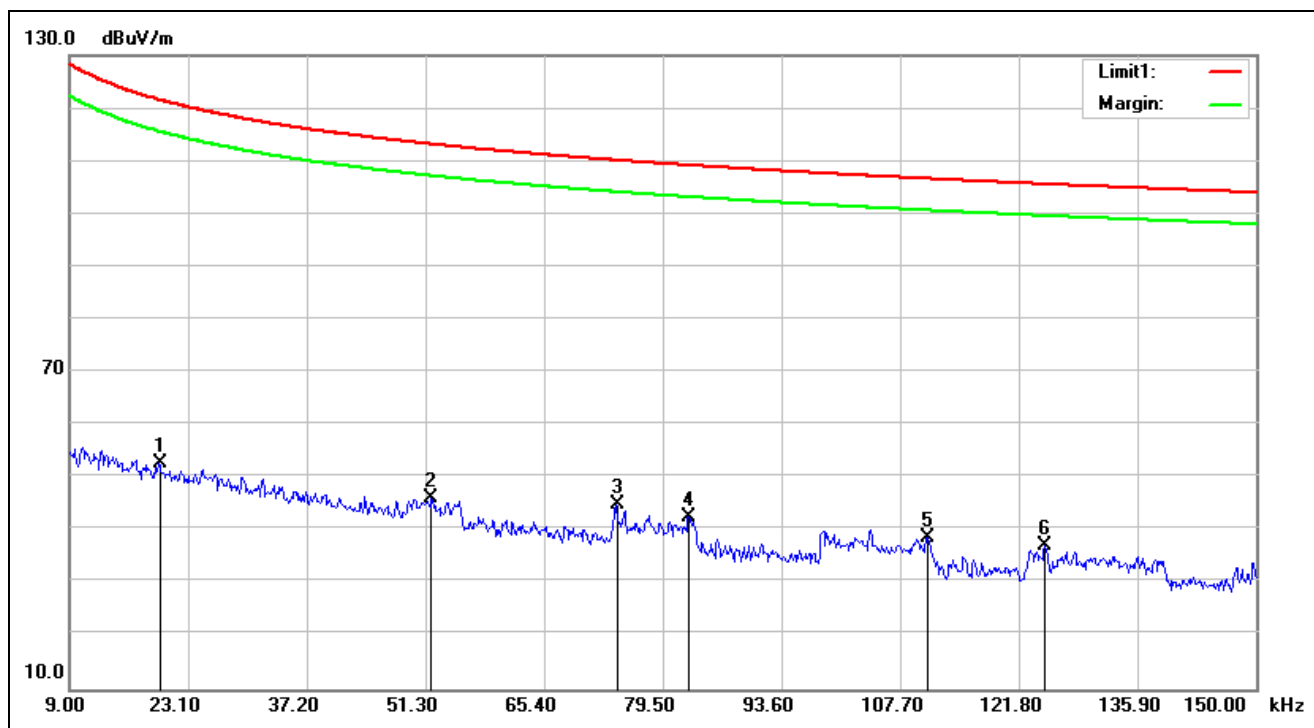
Spurious Emissions, TX Mode, 9k-30M



TUV Rheinland Taiwan Ltd.

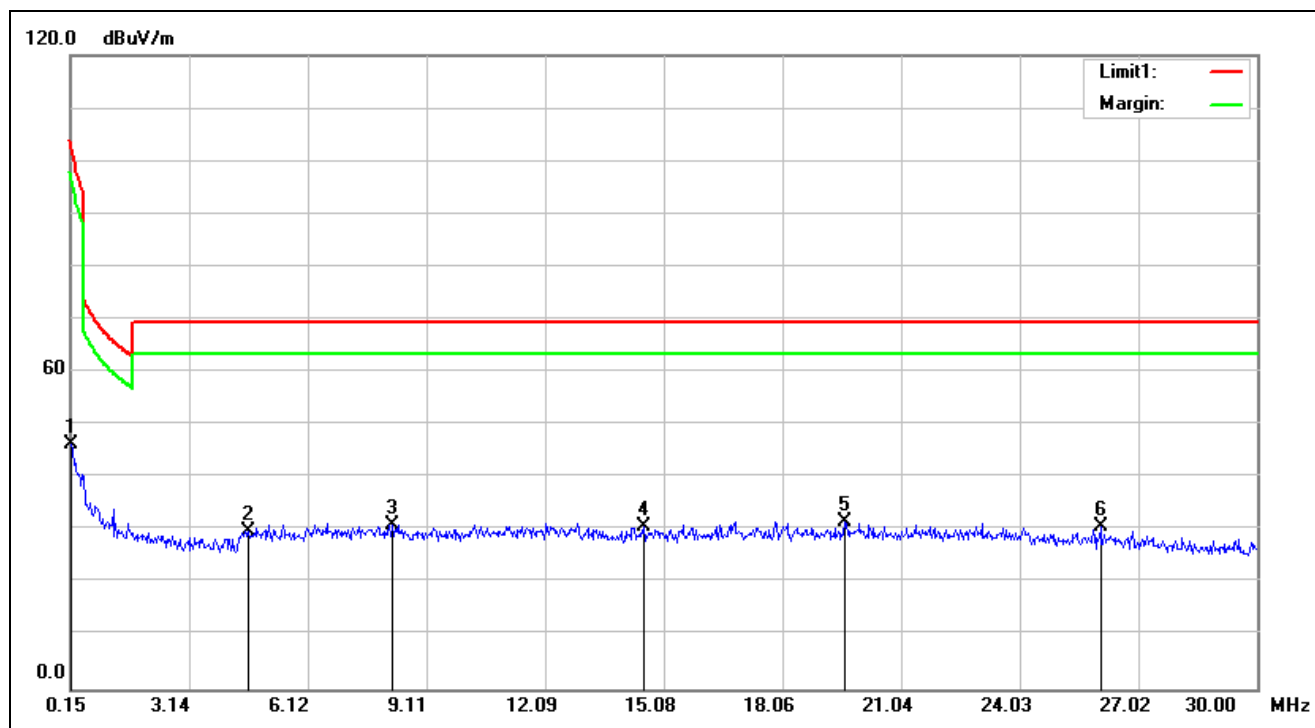
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Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2019/4/11 16:56:07
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Left ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0196	18.91	33.79	52.70	121.59	-68.89	QP	100	187	
2	0.0520	18.90	27.26	46.16	113.16	-67.00	QP	100	236	
3	0.0740	18.63	26.29	44.92	110.12	-65.20	QP	100	154	
4	0.0826	18.53	24.02	42.55	109.17	-66.62	QP	100	265	
5	0.1109	18.34	20.44	38.78	106.62	-67.84	QP	100	2	
6	0.1249	18.34	18.81	37.15	105.60	-68.45	QP	100	46	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2019/4/11 16:57:49
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Left ear		

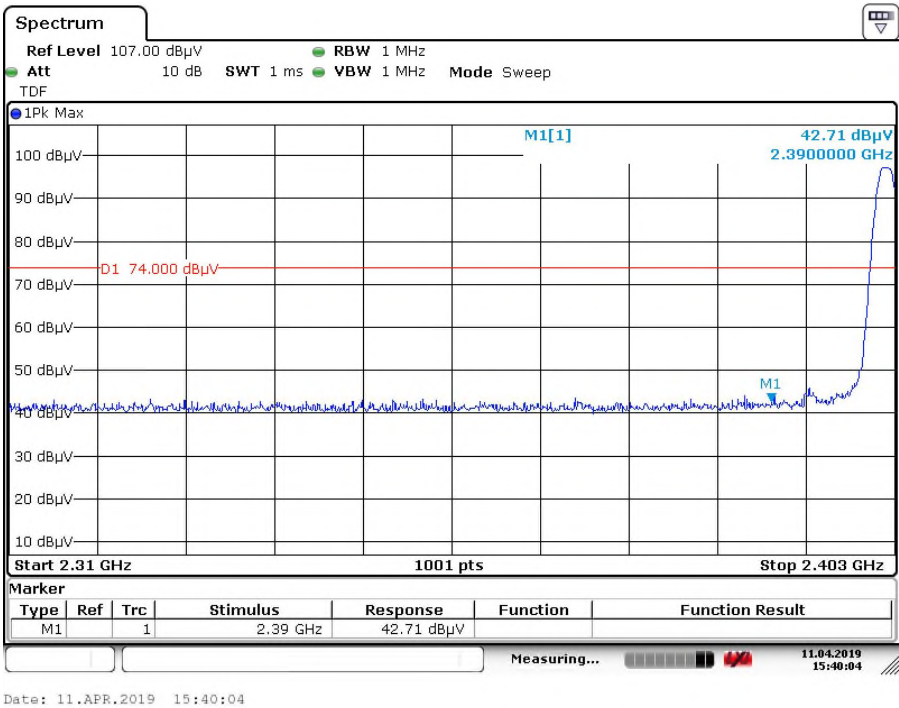
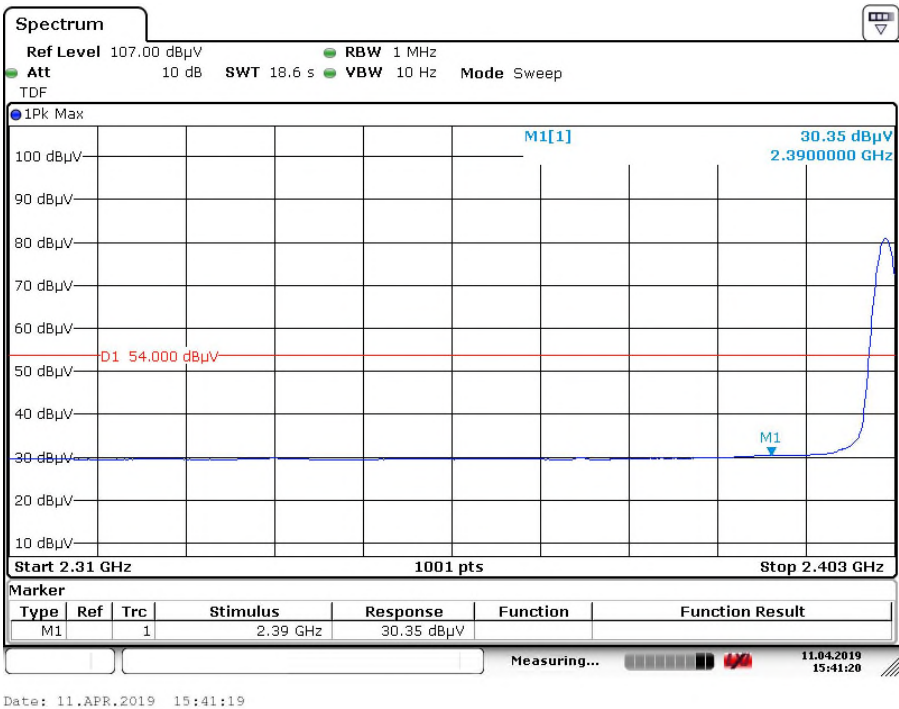
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	18.37	27.90	46.27	102.45	-56.18	QP	100	43	
2	4.6275	19.29	10.66	29.95	69.50	-39.55	QP	100	223	
3	8.2393	20.10	11.00	31.10	69.50	-38.40	QP	100	189	
4	14.5676	20.97	9.64	30.61	69.50	-38.89	QP	100	302	
5	19.6122	21.56	9.99	31.55	69.50	-37.95	QP	100	158	
6	26.0598	21.82	9.03	30.85	69.50	-38.65	QP	100	49	

Right Ear

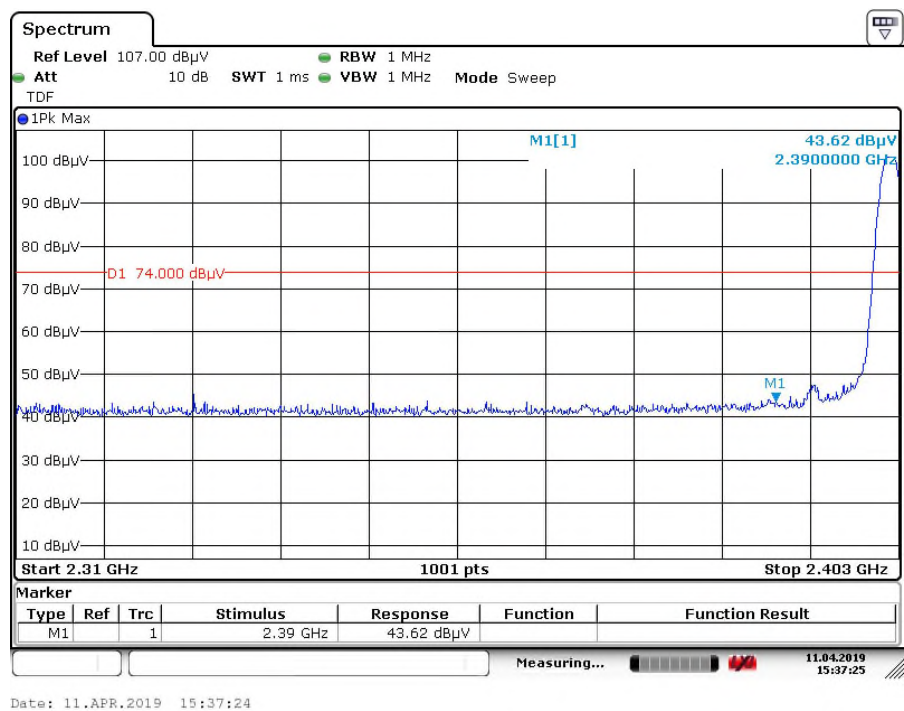
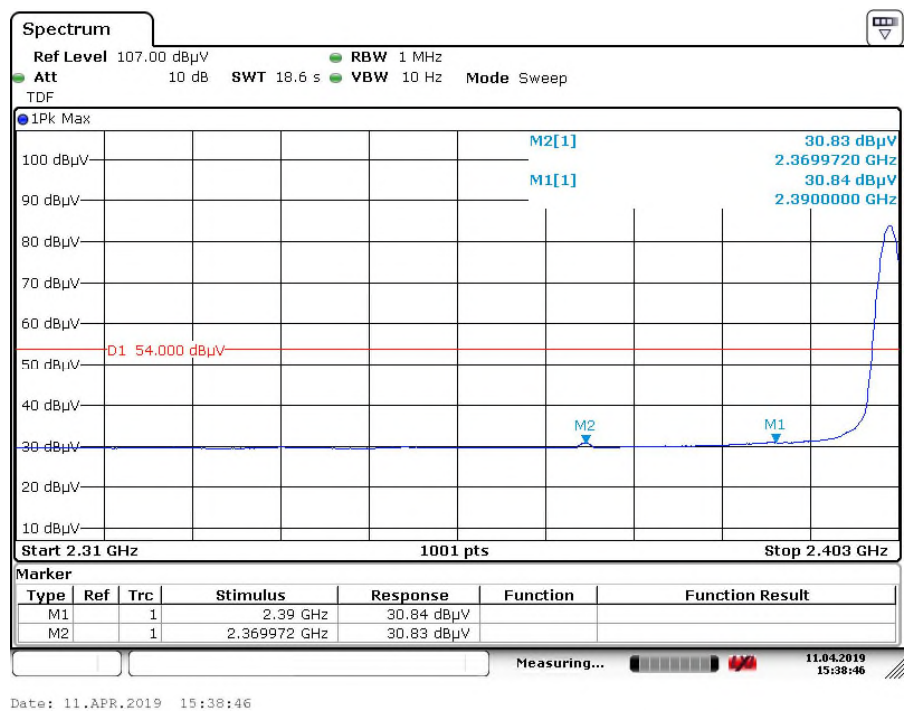
Spurious Emissions, Band Edges, 2.35-2.5G

Radiated Bandedge (GFSK)

Low Channel (Hor)

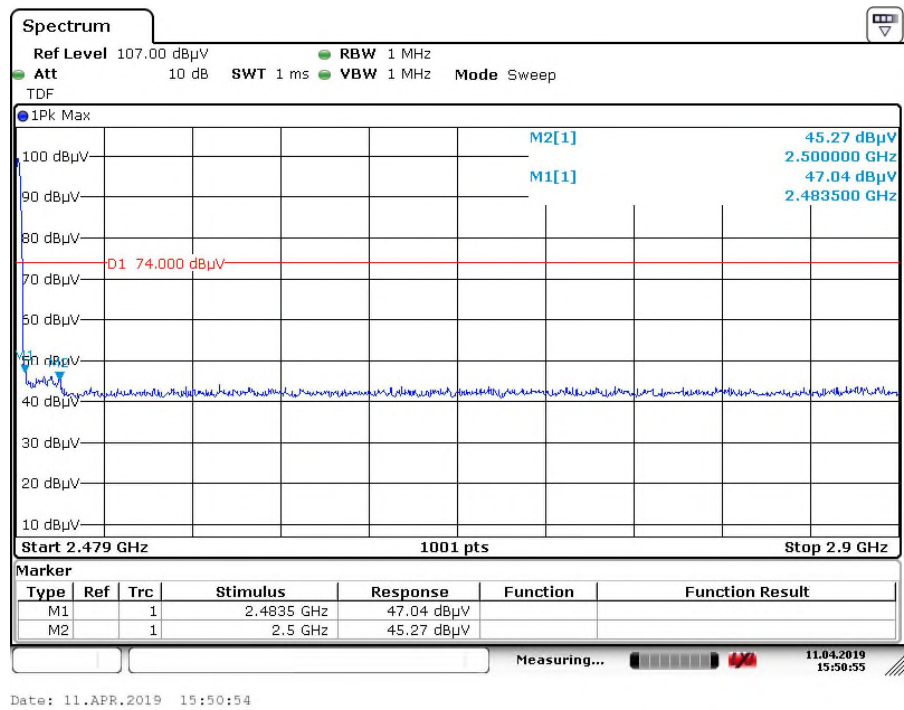
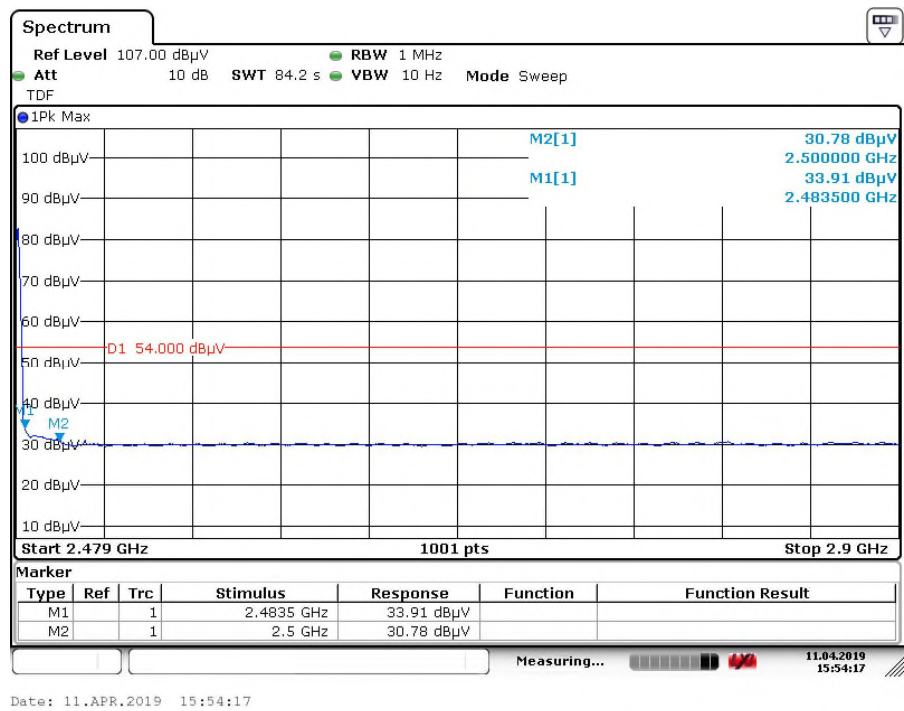


Low Channel (Ver)

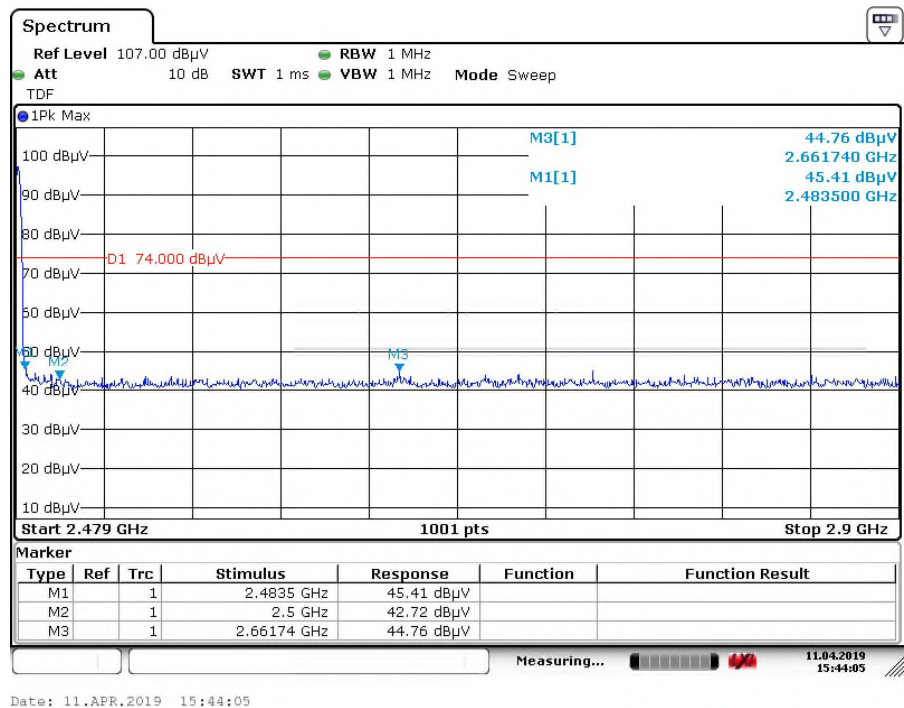
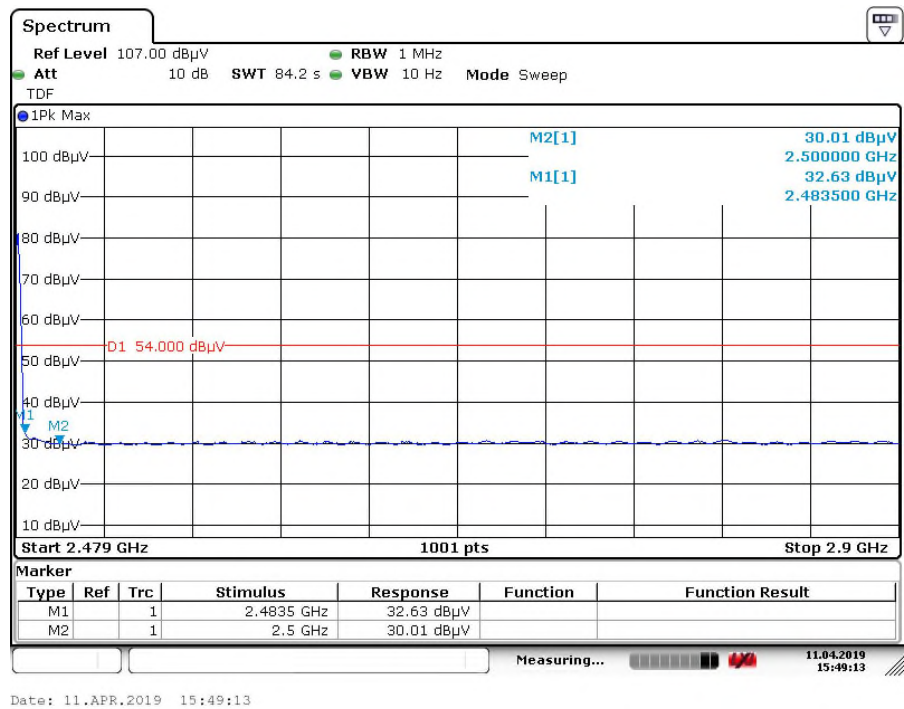


Radiated Bandedge (GFSK)

High Channel (Hor)



High Channel (Ver)



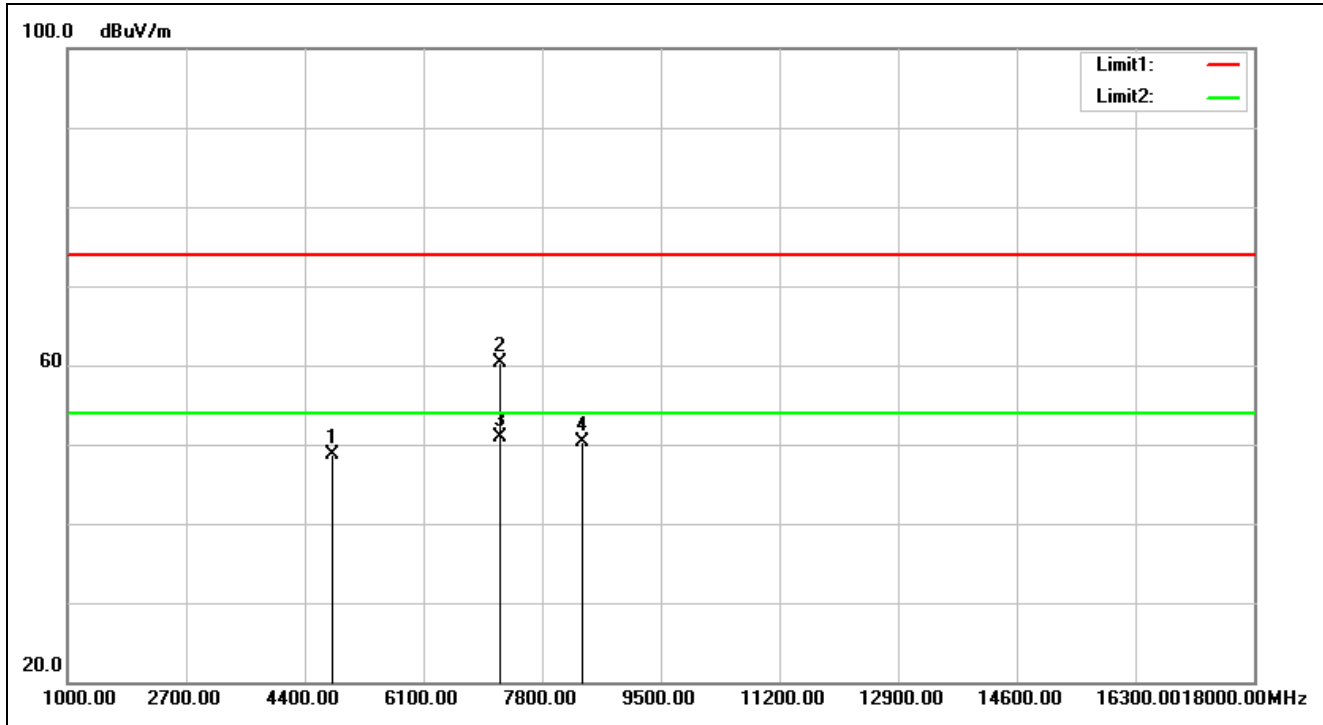
Spurious Emissions, TX Mode, 1-18G



TUV Rheinland Taiwan Ltd.

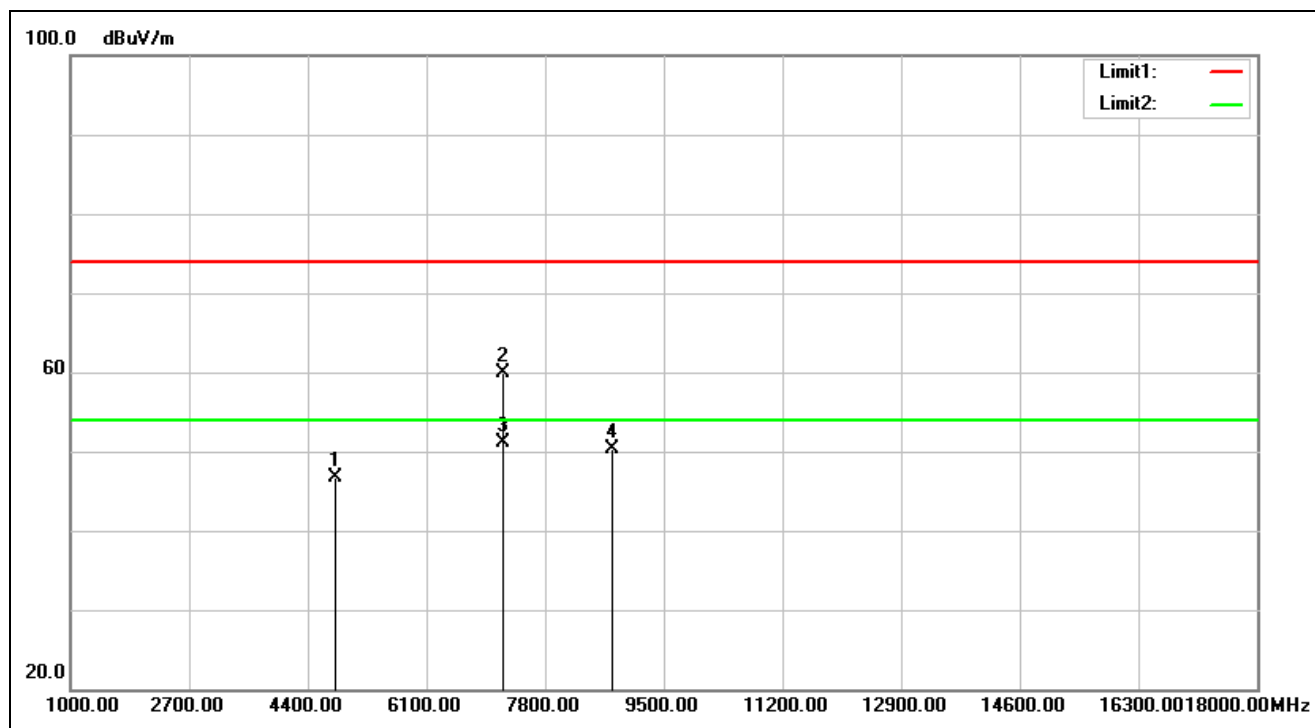
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



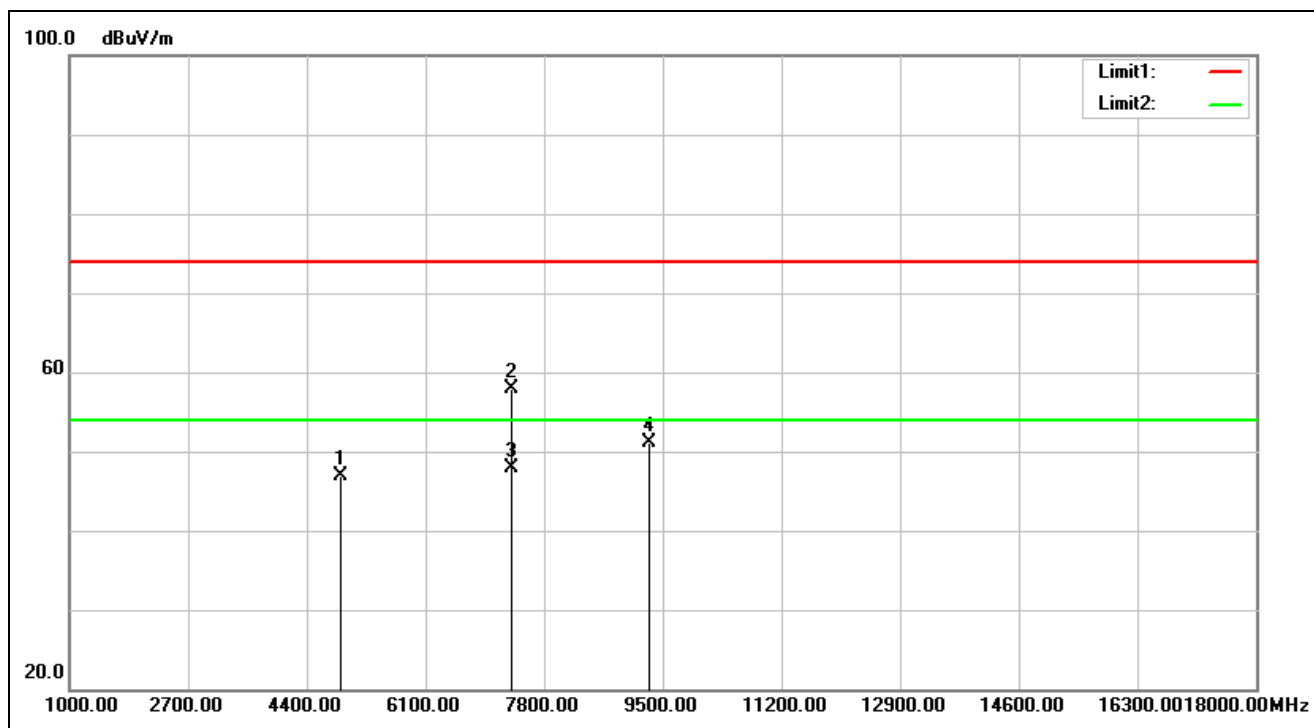
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:02:00
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2402		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.64	51.36	48.72	74.00	-25.28	peak	100	121	
2	7206.000	5.26	55.04	60.30	74.00	-13.70	peak	112	336	
3	7206.000	5.26	45.67	50.93	54.00	-3.07	AVG	112	336	
4	8378.000	6.40	43.86	50.26	74.00	-23.74	peak	100	142	



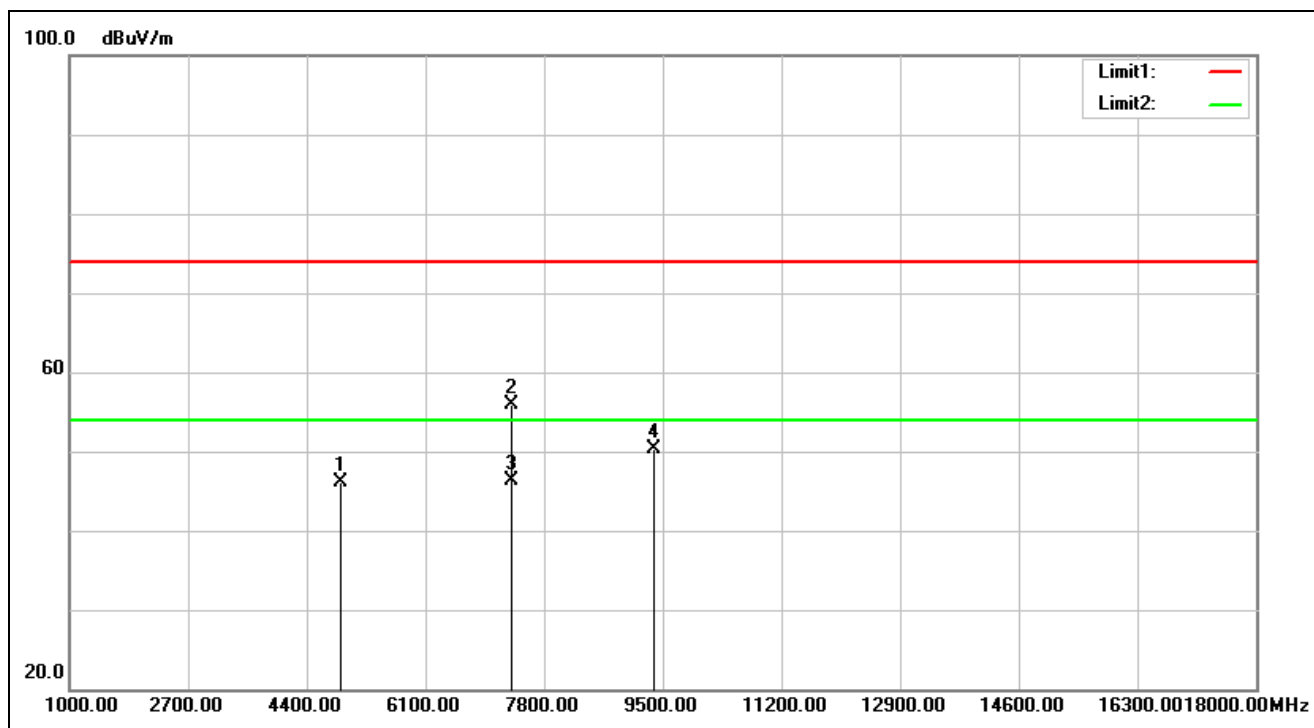
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:02:52
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2402		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.64	49.32	46.68	74.00	-27.32	peak	100	304	
2	7206.000	5.26	54.56	59.82	74.00	-14.18	peak	106	167	
3	7206.000	5.26	45.80	51.06	54.00	-2.94	AVG	106	167	
4	8769.000	6.60	43.78	50.38	74.00	-23.62	peak	100	219	



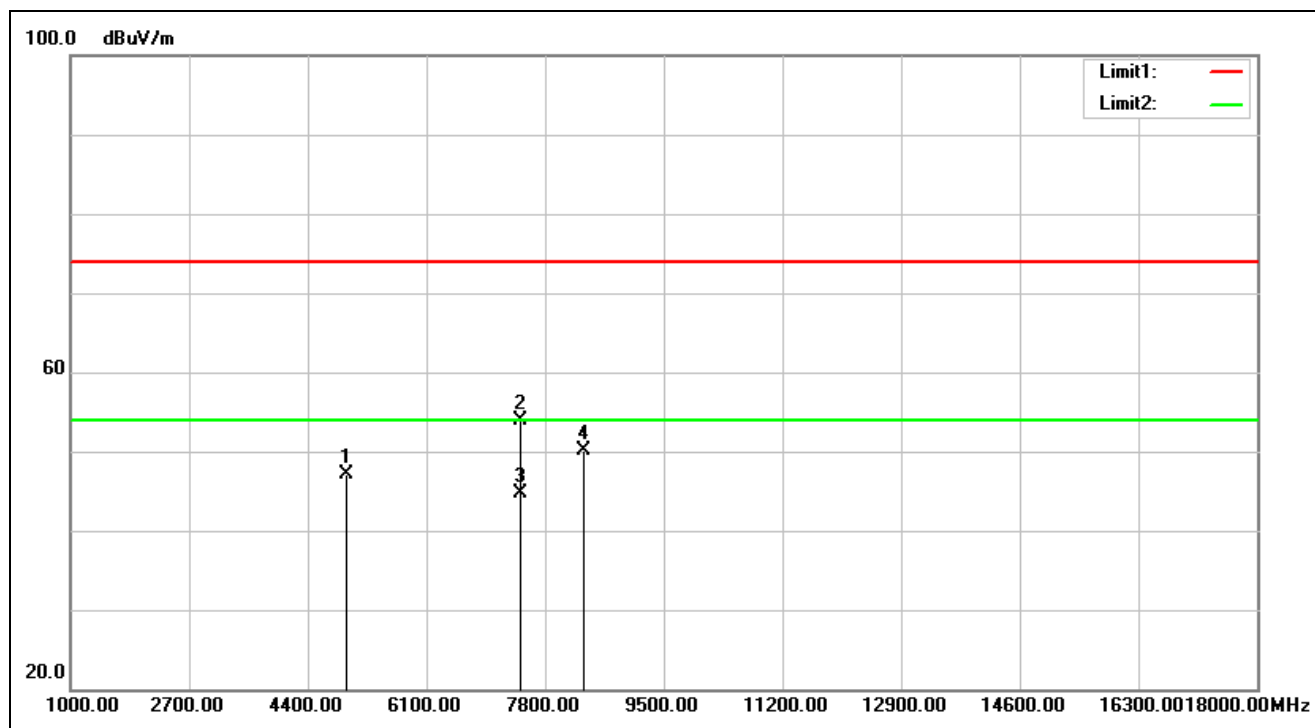
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:07:27
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.45	49.26	46.81	74.00	-27.19	peak	100	45	
2	7320.000	5.54	52.36	57.90	74.00	-16.10	peak	116	2	
3	7320.000	5.54	42.44	47.98	54.00	-6.02	AVG	116	2	
4	9313.000	6.48	44.68	51.16	74.00	-22.84	peak	100	42	



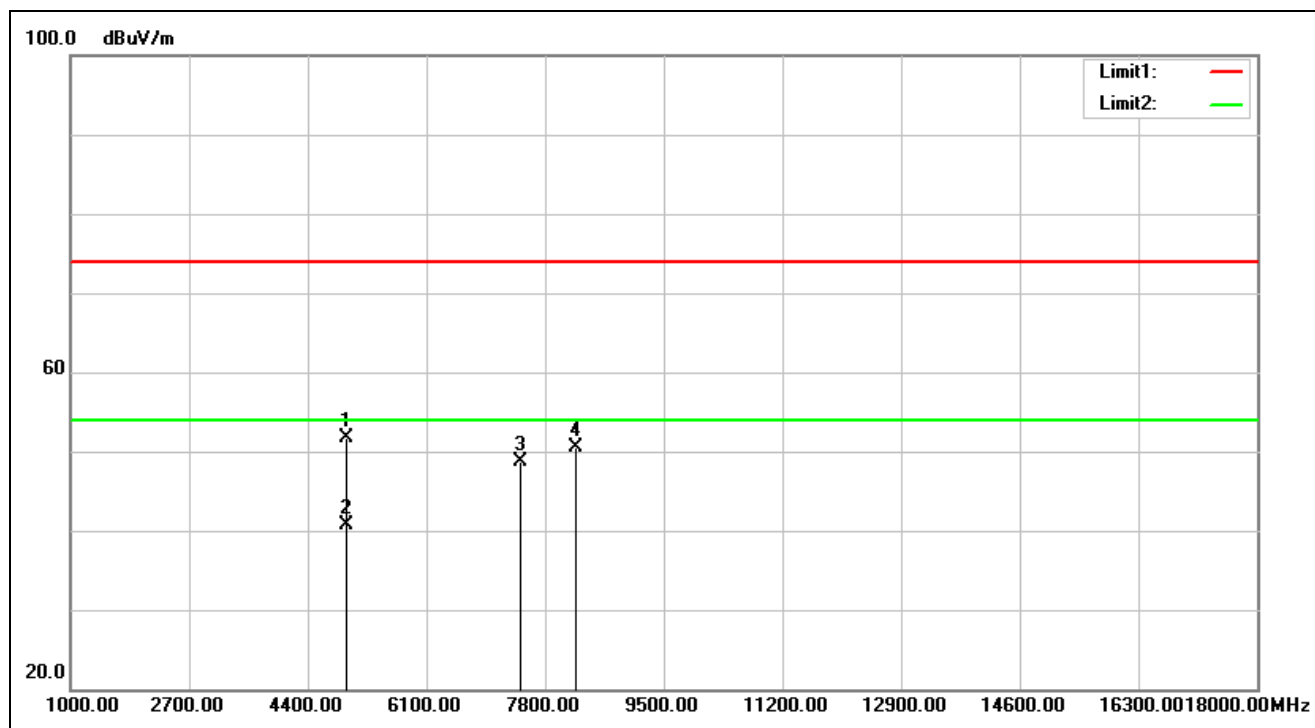
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:08:19
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.45	48.64	46.19	74.00	-27.81	peak	100	178	
2	7320.000	5.54	50.37	55.91	74.00	-18.09	peak	103	150	
3	7320.000	5.54	40.80	46.34	54.00	-7.66	AVG	103	150	
4	9381.000	6.44	43.87	50.31	74.00	-23.69	peak	100	252	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:12:02
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2480		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.25	49.40	47.15	74.00	-26.85	peak	100	257	
2	7440.000	5.83	47.99	53.82	74.00	-20.18	peak	113	349	
3	7440.000	5.83	38.93	44.76	54.00	-9.24	AVG	113	349	
4	8361.000	6.36	43.82	50.18	74.00	-23.82	peak	100	78	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:12:54
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2480		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.25	54.05	51.80	74.00	-22.20	peak	105	32	
2	4960.000	-2.25	43.03	40.78	54.00	-13.22	AVG	105	32	
3	7440.000	5.83	42.85	48.68	74.00	-25.32	peak	109	244	
4	8242.000	6.16	44.28	50.44	74.00	-23.56	peak	100	2	

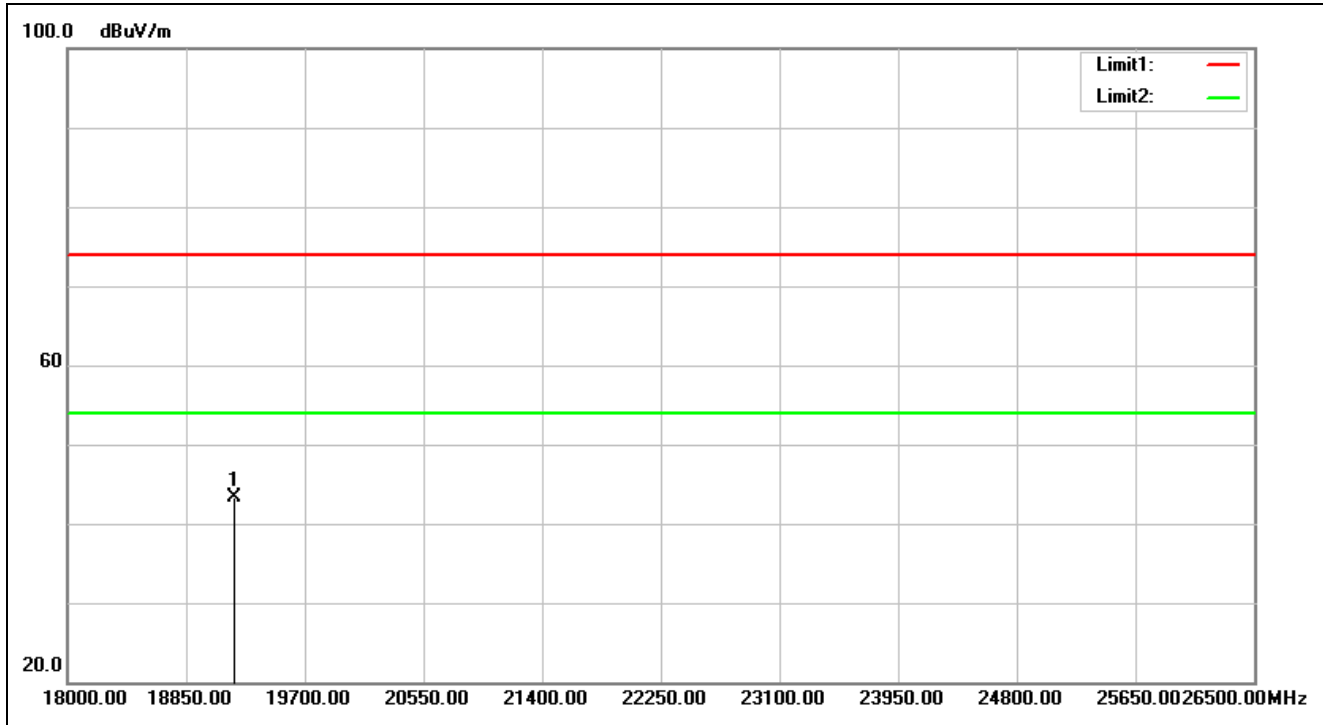
Spurious Emissions, TX Mode, 18-26G



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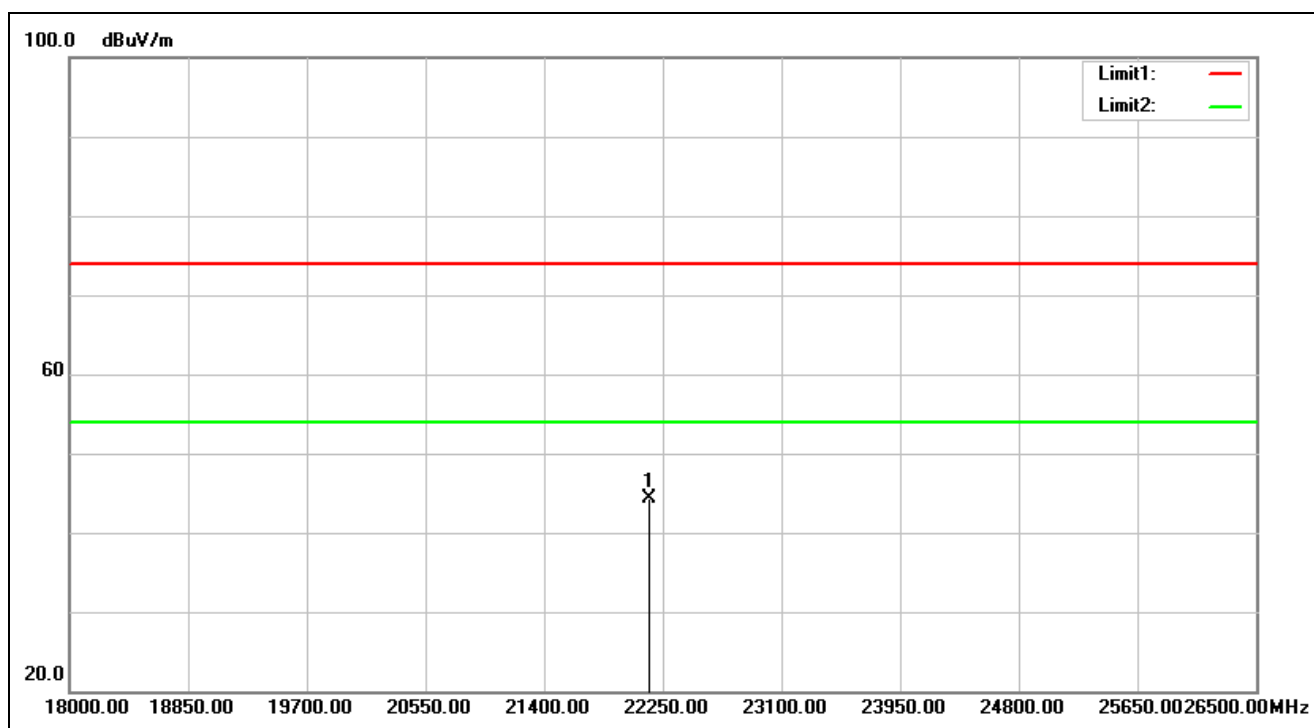
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Tel: +886-2172-7000 fax: +886-2528-0018



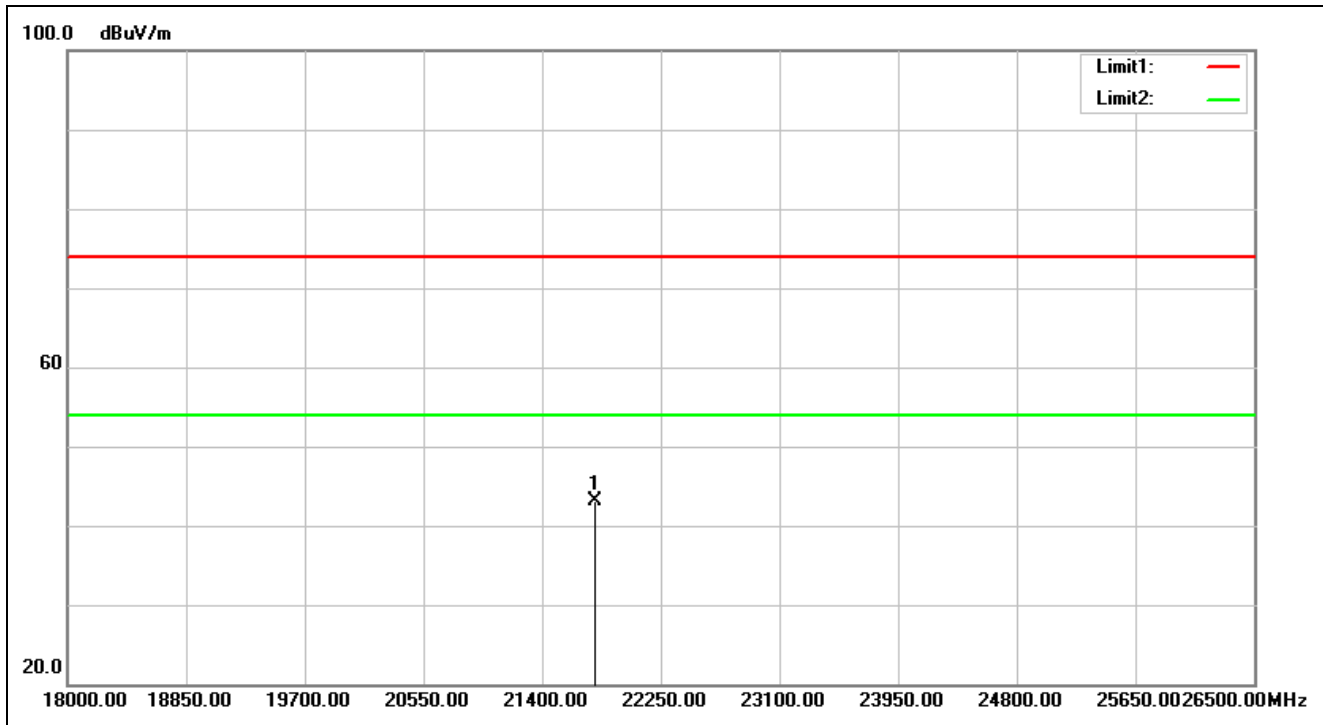
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:34:41
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2402		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19190.000	4.02	39.29	43.31	74.00	-30.69	peak	115	315	



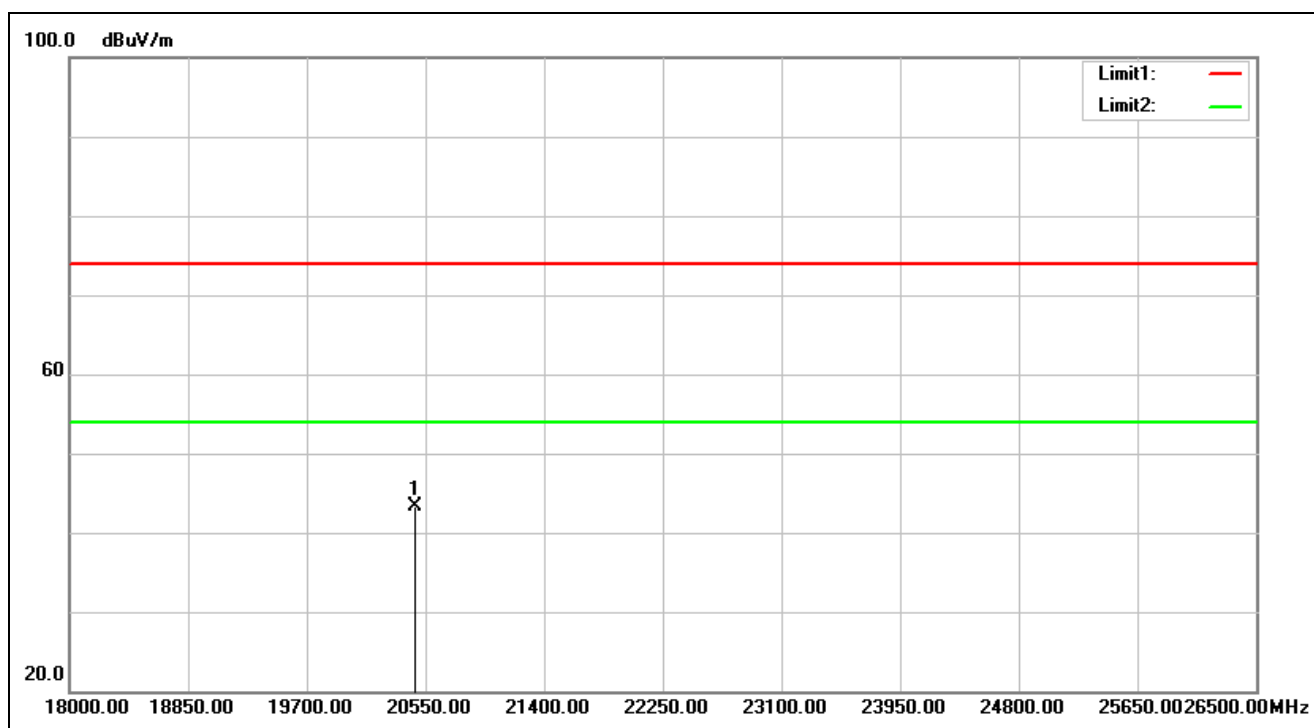
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:35:48
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2402		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22156.500	4.62	39.61	44.23	74.00	-29.77	peak	100	36	



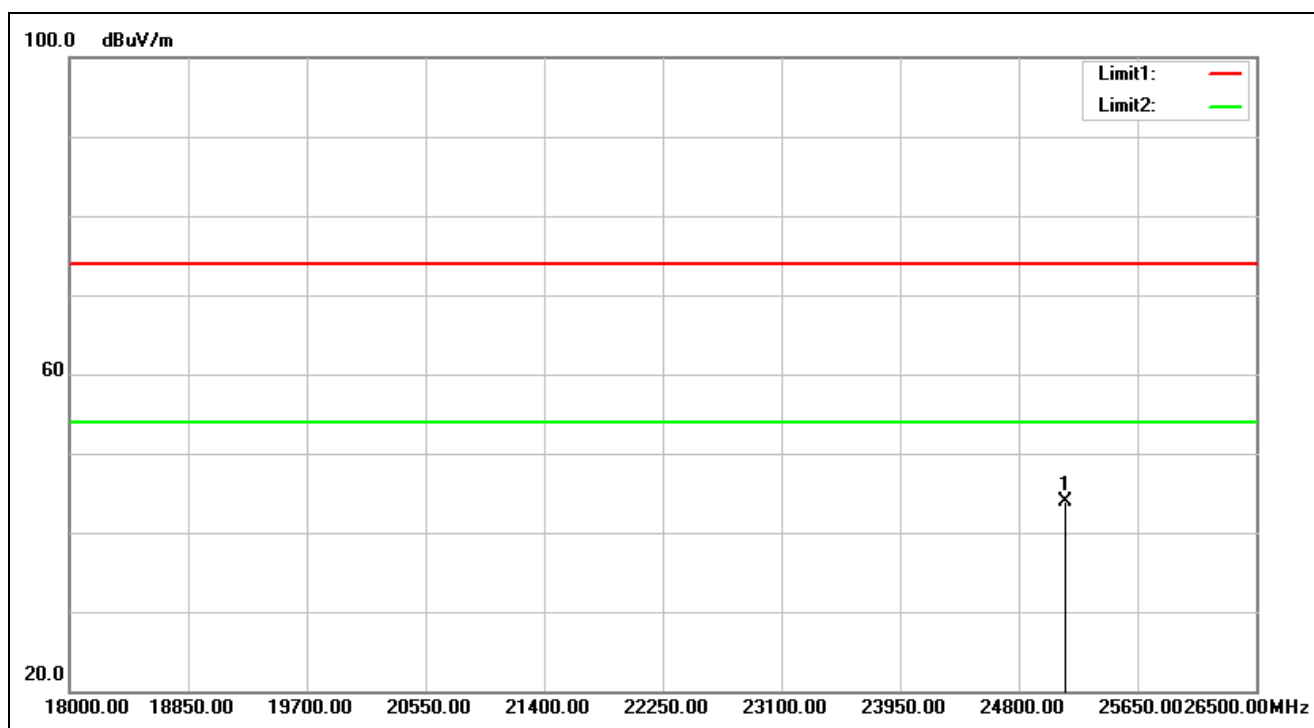
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:36:21
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21774.000	4.30	38.73	43.03	74.00	-30.97	peak	100	85	



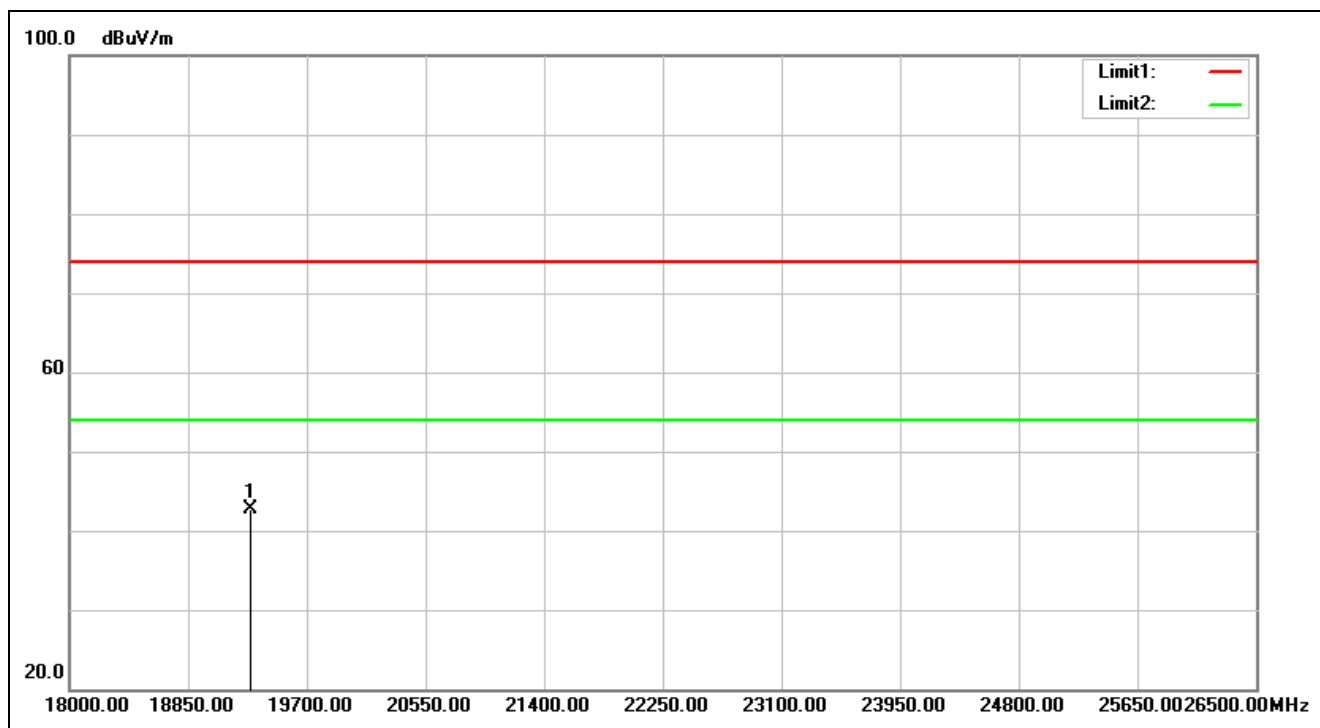
Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:37:28
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20473.500	4.23	39.11	43.34	74.00	-30.66	peak	100	351	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 16:39:00
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2480		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25131.500	5.20	38.66	43.86	74.00	-30.14	peak	100	79	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 16:40:07
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2480		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19292.000	4.03	38.68	42.71	74.00	-31.29	peak	100	254	

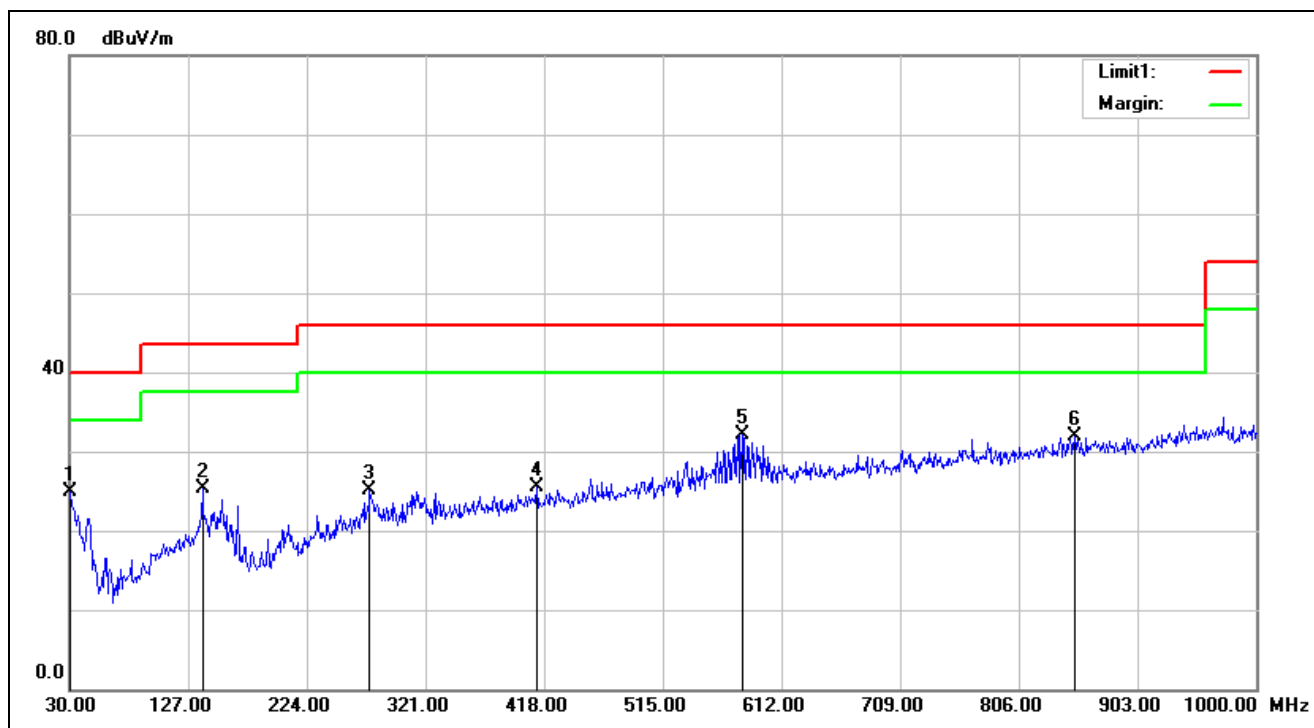
Spurious Emissions, TX Mode, 30M-1G



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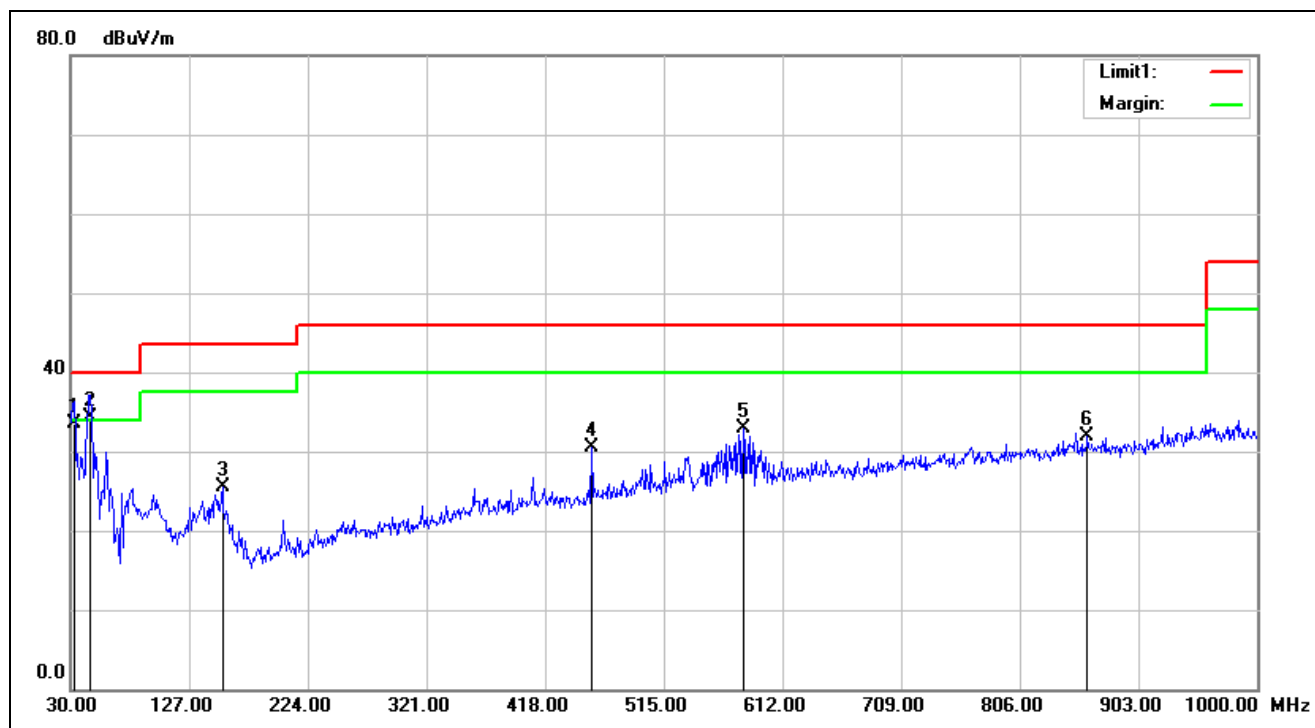
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019/4/11 17:05:20
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.03	25.02	24.99	40.00	-15.01	QP	100	161	
2	138.6399	-6.97	32.23	25.26	43.50	-18.24	QP	141	295	
3	275.4100	-5.26	30.40	25.14	46.00	-20.86	QP	100	295	
4	412.1800	-2.02	27.58	25.56	46.00	-20.44	QP	100	131	
5	579.9900	0.23	31.93	32.16	46.00	-13.84	QP	100	213	
6	851.5900	3.90	27.92	31.82	46.00	-14.18	QP	153	101	



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019/4/11 17:06:13
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%):	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	32.9100	-1.75	35.25	33.50	40.00	-6.50	QP	122	189	
2	45.5200	-8.85	43.15	34.30	40.00	-5.70	QP	100	189	
3	154.1600	-7.59	33.10	25.51	43.50	-17.99	QP	136	341	
4	455.8300	-1.87	32.45	30.58	46.00	-15.42	QP	100	216	
5	579.9900	0.23	32.68	32.91	46.00	-13.09	QP	100	131	
6	861.2900	4.12	27.83	31.95	46.00	-14.05	QP	100	85	

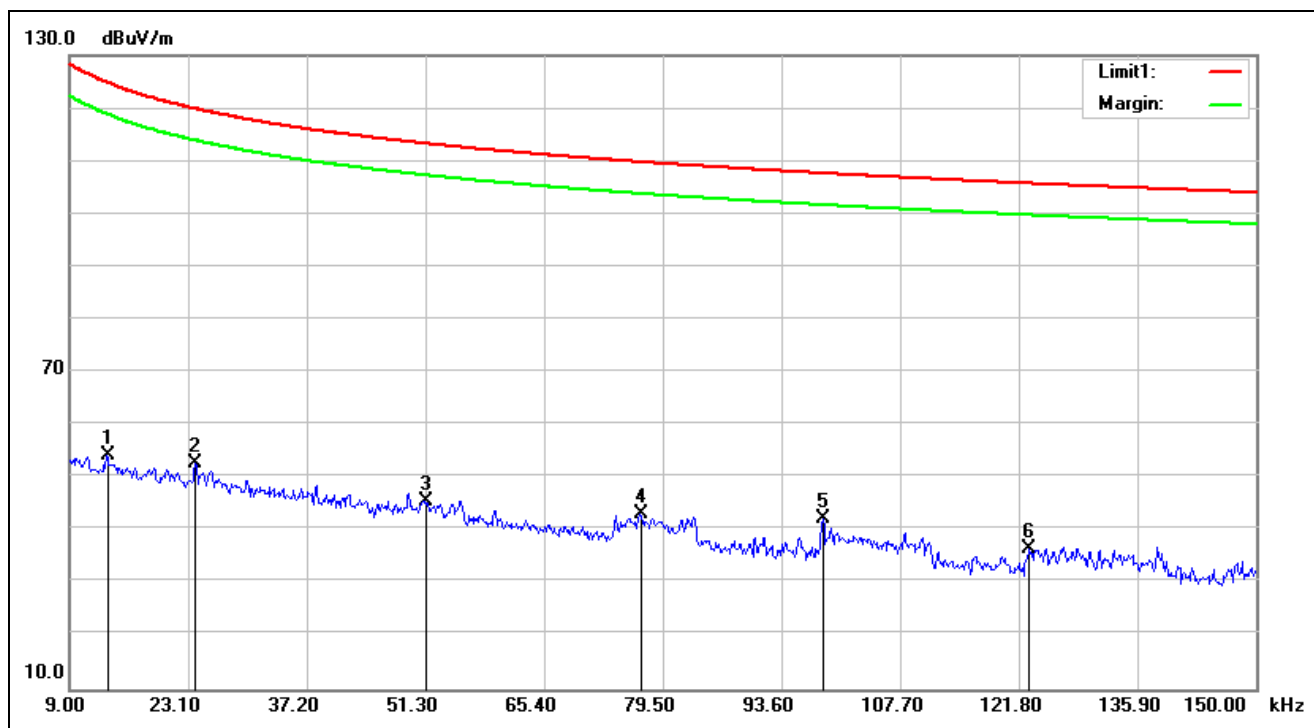
Spurious Emissions, TX Mode, 9k-30M



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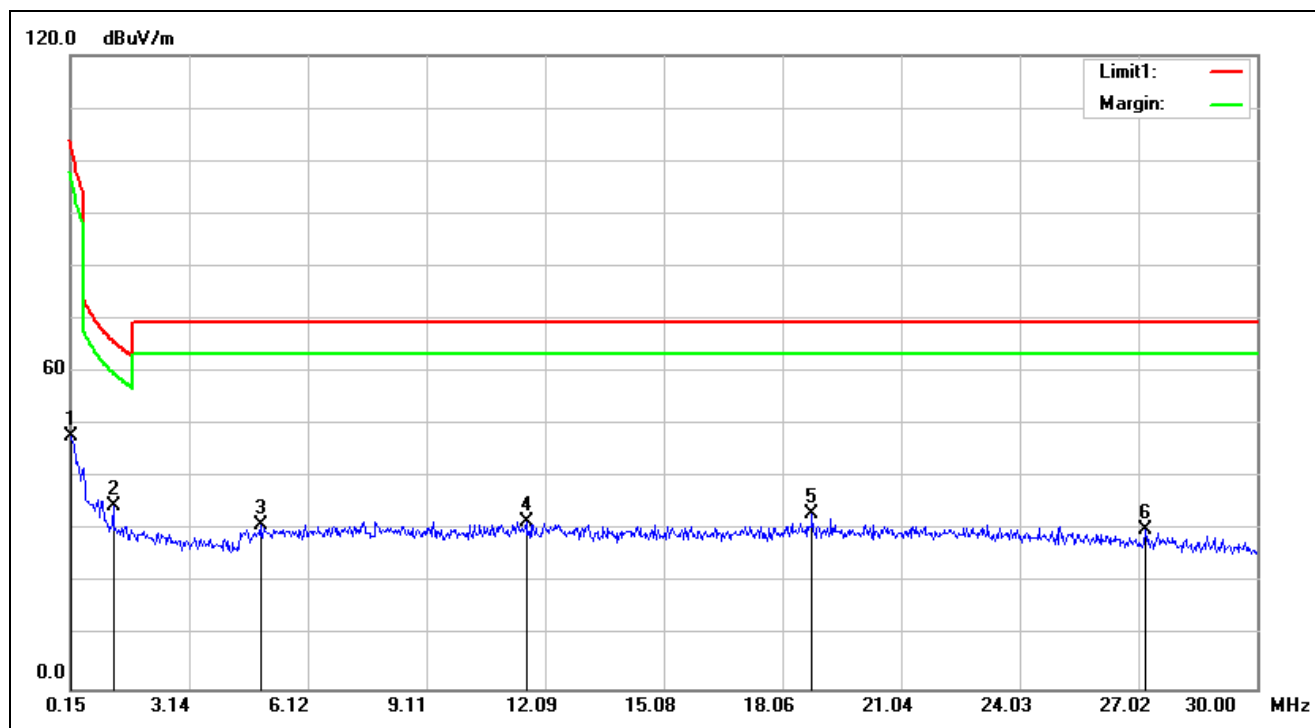
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2019/4/11 16:50:14
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0134	18.66	35.50	54.16	124.87	-70.71	QP	100	23	
2	0.0239	19.08	33.78	52.86	119.87	-67.01	QP	100	131	
3	0.0512	18.91	26.72	45.63	113.30	-67.67	QP	100	299	
4	0.0768	18.60	24.58	43.18	109.80	-66.62	QP	100	26	
5	0.0985	18.35	23.92	42.27	107.65	-65.38	QP	100	141	
6	0.1231	18.34	18.26	36.60	105.72	-69.12	QP	100	52	

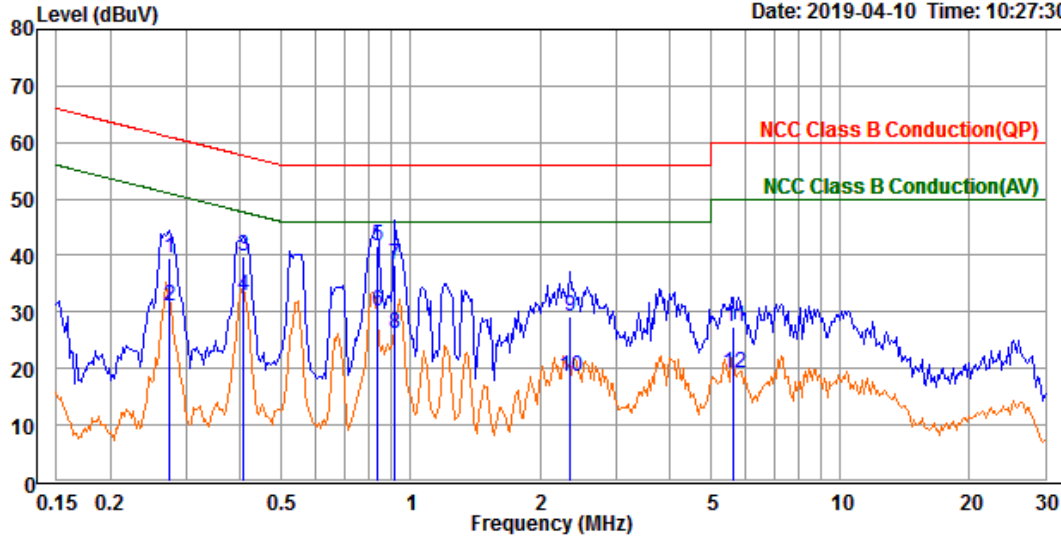


Service No.:	238102043	Test Distance:	3m
Test Standard:	FCC15C2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2019/4/11 16:51:56
Applicant:	Foster Electric Co Ltd	Test Rating:	DC 4V
Product:	True Wireless Stereo Earphones	Temp.(°C)/Hum.(%)	22(°C)/57%
Model No.:	TM2	Test Engineer:	Kevin Kuo
Test Mode:	TX-2440		
Remark:	Right ear		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	18.35	29.45	47.80	104.02	-56.22	QP	100	177	
2	1.2245	18.67	16.05	34.72	65.87	-31.15	QP	100	24	
3	4.9260	19.44	11.61	31.05	69.50	-38.45	QP	100	304	
4	11.6124	20.63	10.93	31.56	69.50	-37.94	QP	100	230	
5	18.8062	21.47	11.65	33.12	69.50	-36.38	QP	100	188	
6	27.1941	21.87	8.14	30.01	69.50	-39.49	QP	100	309	

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Date: 2019-04-10 Time: 10:27:30



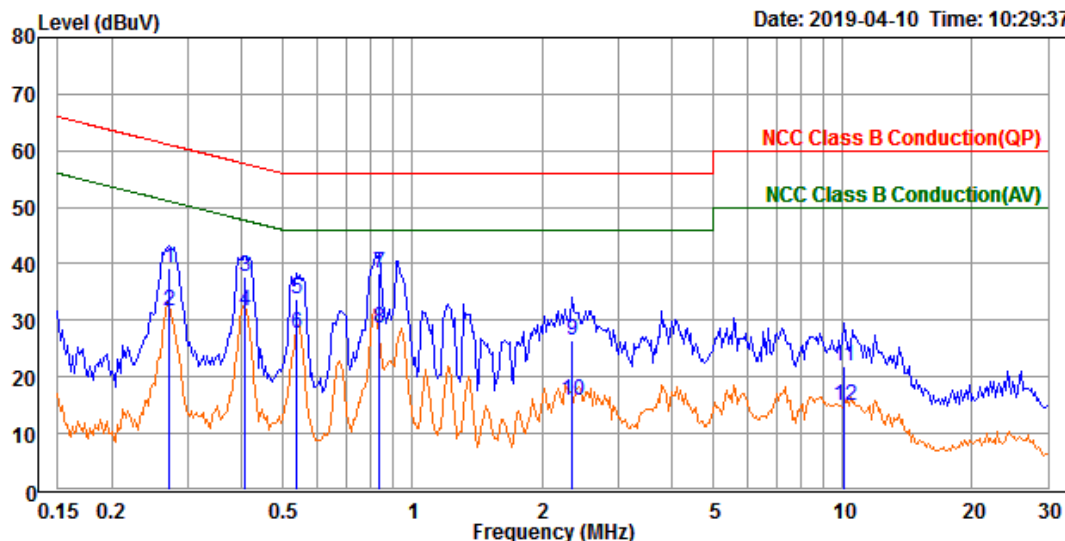
Trace: 1

Site : Conduction room
 Condition : FCC Class B Conduction(QP) line1
 Test Engineer: Kevin Kuo
 Applicant : Foster Electric Co Ltd
 Product : True Wireless Stereo Earphones
 Model No. : TM2
 Test Rating : 110Vac/60Hz
 Tmp/Hum : 23°C/33%
 Memo : Charge Mode

	Read			Limit	Over	
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.275	29.74	9.68	39.42	60.96	-21.54 QP
2	0.275	21.20	9.68	30.88	50.96	-20.08 Average
3	0.409	30.18	9.69	39.87	57.66	-17.79 QP
4	0.409	23.25	9.69	32.94	47.66	-14.72 Average
5	0.837	32.12	9.70	41.82	56.00	-14.18 QP
6	0.837	20.43	9.70	30.13	46.00	-15.87 Average
7	0.916	28.62	9.70	38.32	56.00	-17.68 QP
8	0.916	16.53	9.70	26.23	46.00	-19.77 Average
9	2.355	19.52	9.72	29.24	56.00	-26.76 QP
10	2.355	8.86	9.72	18.58	46.00	-27.42 Average
11	5.647	17.52	9.77	27.29	60.00	-32.71 QP
12	5.647	9.42	9.77	19.19	50.00	-30.81 Average

File: C:\EMC\Report\2019\Vencer\238102597(Vencer) -NCC\238102597(Vencer)_00003.EMI

Date: 2019-04-10 Time: 10:29:37



Trace: 1

Site : Conduction room
Condition : FCC Class B Conduction(QP) neutral
Test Engineer: Kevin Kuo
Applicant : Foster Electric Co Ltd
Product : True Wireless Stereo Earphones
Model No. : TM2
Test Rating : 110Vac/60Hz
Tmp/Hum : 23°C /33%
Memo : Charge Mode

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.272	29.53	9.68	39.21	61.05	-21.84	QP
2	0.272	22.09	9.68	31.77	51.05	-19.28	Average
3	0.409	28.12	9.68	37.80	57.66	-19.86	QP
4	0.409	21.94	9.68	31.62	47.66	-16.04	Average
5	0.535	24.21	9.68	33.89	56.00	-22.11	QP
6	0.535	17.95	9.68	27.63	46.00	-18.37	Average
7	0.837	28.61	9.70	38.31	56.00	-17.69	QP
8	0.837	18.92	9.70	28.62	46.00	-17.38	Average
9	2.355	16.66	9.72	26.38	56.00	-29.62	QP
10	2.355	6.19	9.72	15.91	46.00	-30.09	Average
11	10.052	12.02	9.84	21.86	60.00	-38.14	QP
12	10.052	5.02	9.84	14.86	50.00	-35.14	Average