



Keyway Testing Technology (Guangdong) Co., Ltd

Laboratory Address: Room 2102, Building 6, Dongyi Intelligent Equipment New Energy Vehicle Park, No.30 of Tangxia District, Dongshen Road, Tangxia Town, Dongguan, 523710, People's Republic of China

E.U.T:	Wireless Earphones
Model Number:	S20Ultra
Trade Name:	1MORE
Sample Number:	33000273325
Date of Receipt:	May 20, 2026
Date of Test:	May 21 ~ Jul. 16, 2026
FCC ID:	2BVW8-S20Ultra

Note: The test data have all been compensated for cable loss, and when measuring the entire 2400-2500MHz, the maximum loss value 7.89 dB.and when measuring the entire 30MHz-25GHz, Input Compensation Coefficient (dB) = Max Cable Loss (dB)



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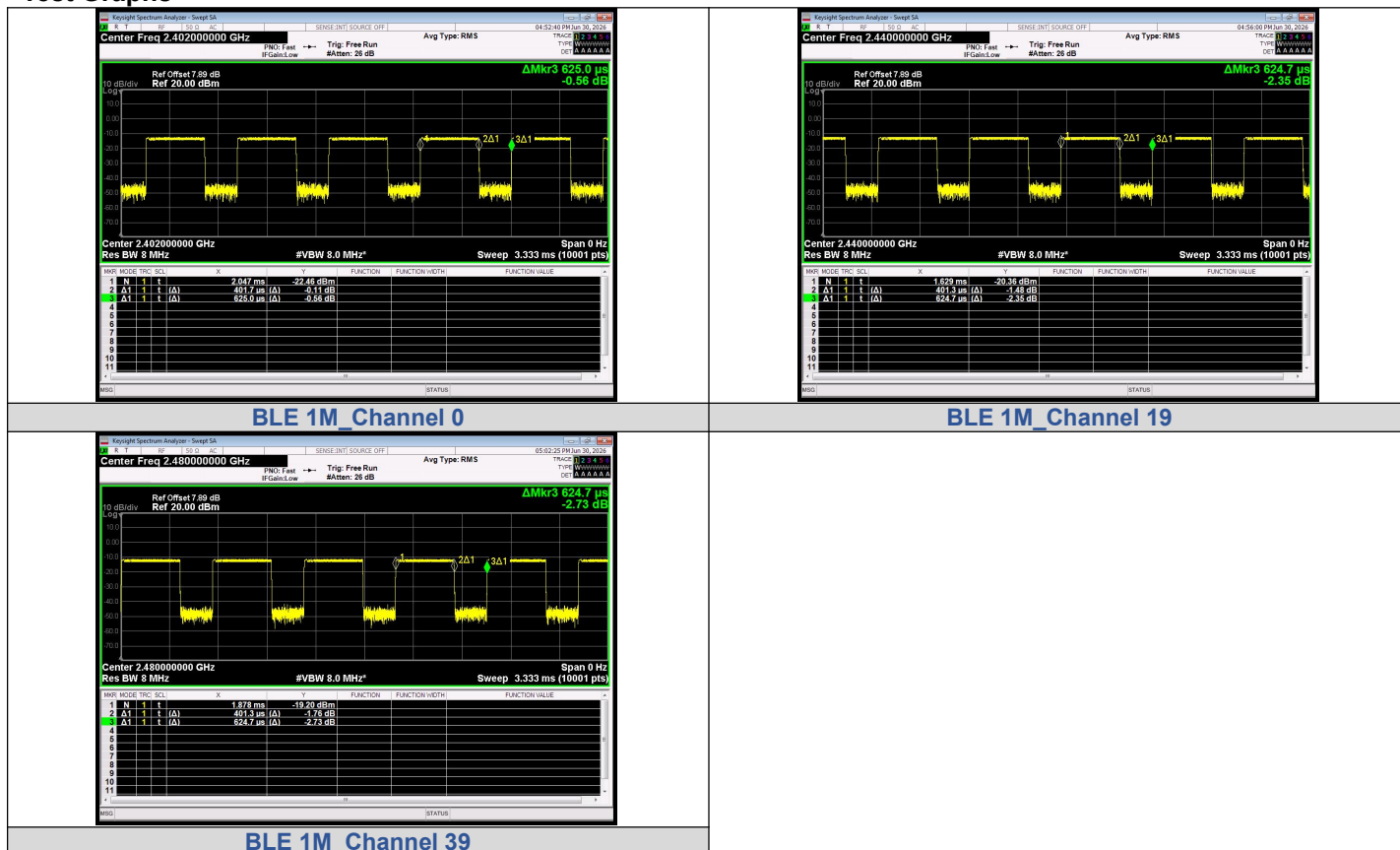
A.1 DUTY CYCLE

Test Result

Left earphone

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	0.402	0.625	64.32	0.6432	1.9165	2.4876
	19	0.401	0.625	64.16	0.6416	1.9274	2.4938
	39	0.401	0.625	64.16	0.6416	1.9274	2.4938

Test Graphs





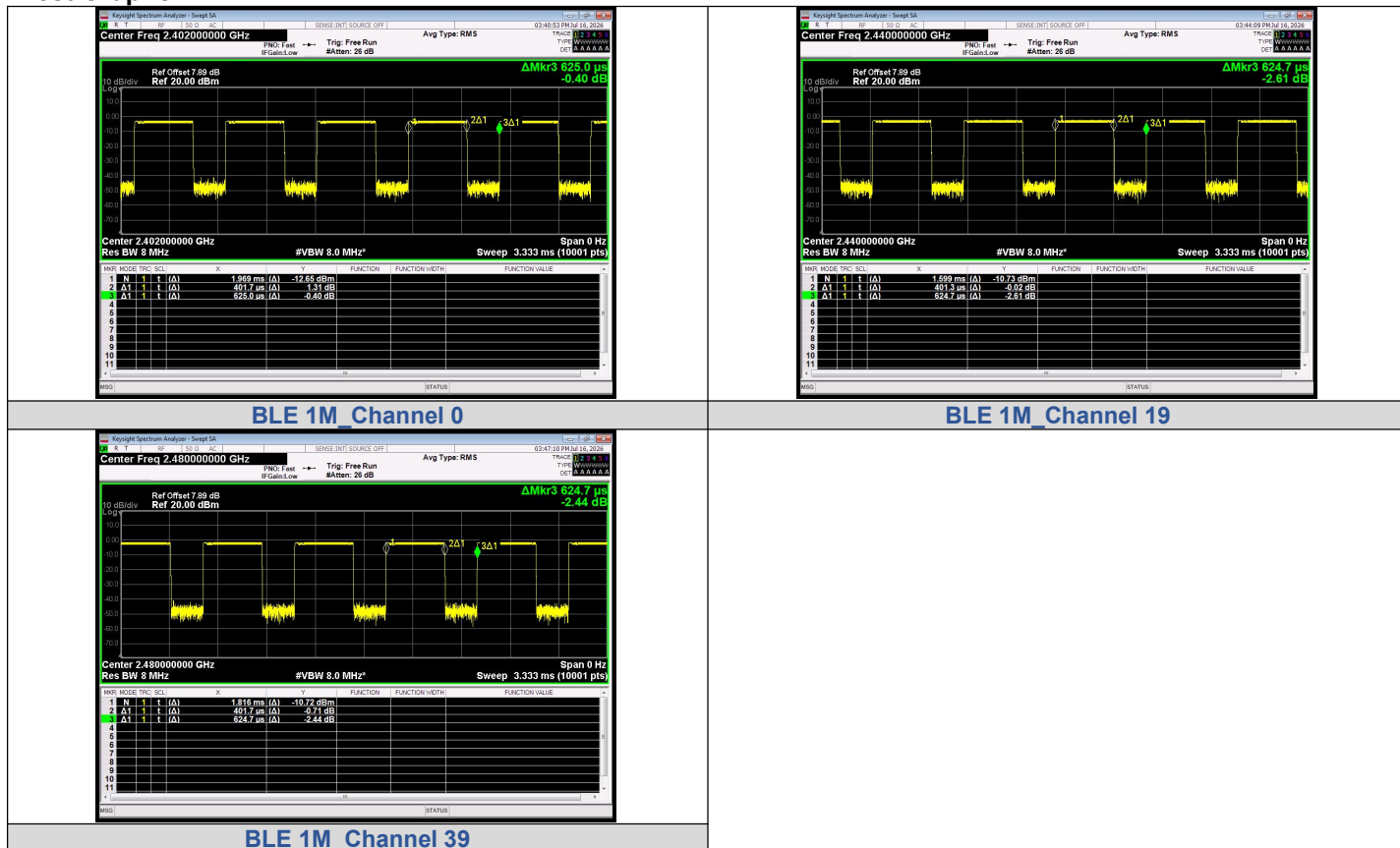
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Right earphone

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	0.402	0.625	64.32	0.6432	1.9165	2.4331
	19	0.401	0.625	64.16	0.6416	1.9274	2.4331
	39	0.402	0.625	64.32	0.6432	1.9165	2.4331

Test Graphs





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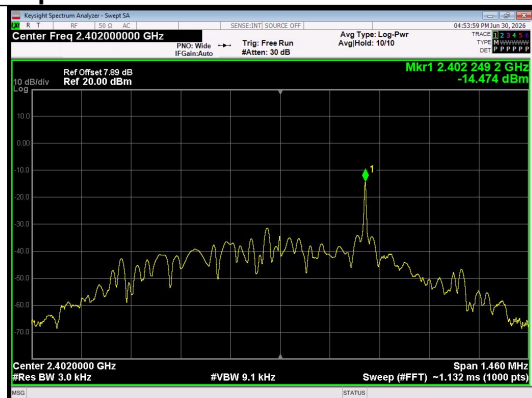
A.2 POWER SPECTRAL DENSITY

Test Result

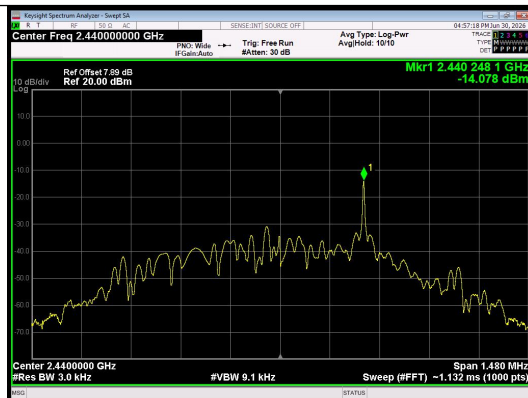
Left earphone

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-14.47	≤ 8	PASS
BLE 1M	19	-14.08	≤ 8	PASS
BLE 1M	39	-13.09	≤ 8	PASS

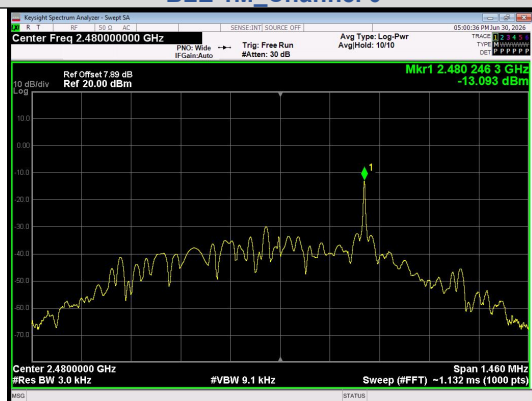
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



BLE 1M_Channel 39



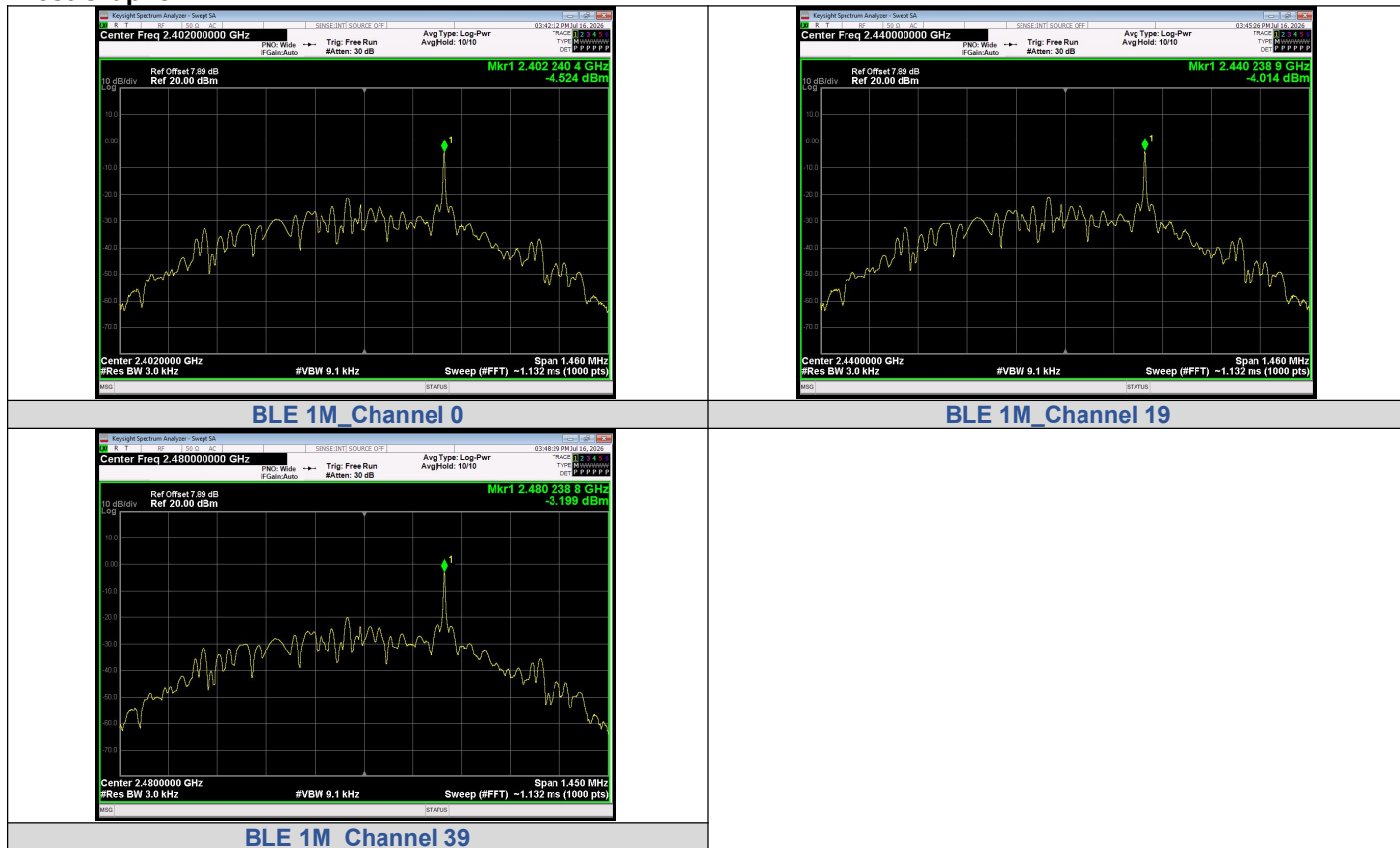
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Right earphone

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-4.52	≤8	PASS
BLE 1M	19	-4.01	≤8	PASS
BLE 1M	39	-3.20	≤8	PASS

Test Graphs





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A.3 CONDUCTED PEAK OUTPUT POWER

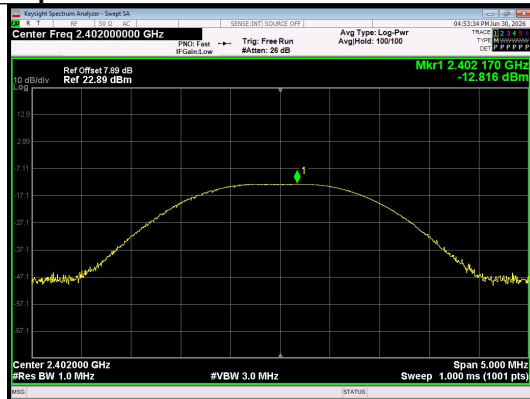
Test Result

Left earphone

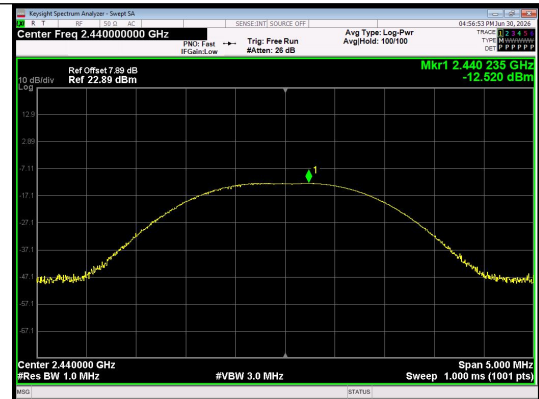
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	-12.82	0.05	None	≤30	PASS
	19	-12.52	0.06	None	≤30	PASS
	39	-11.63	0.07	None	≤30	PASS

Mode	Channel	Peak Output Power (dBm)	Peak Power Limit (dBm)	ISED EIRP (dBm)	ISED EIRP Limit (dBm)	Max. Avg. Power (dBm)	Result
BLE 1M	0	-12.82	≤30	-12.816	≤36.02	None	PASS
	19	-12.52	≤30	-12.52	≤36.02	None	PASS
	39	-11.63	≤30	-11.63	≤36.02	None	PASS

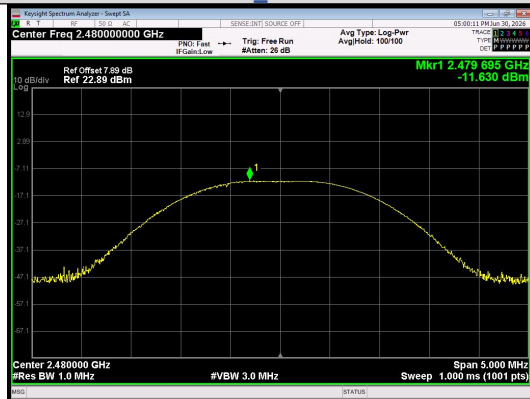
Test Graphs



Peak Output Power
BLE 1M_Channel 0



Peak Output Power
BLE 1M_Channel 19



Peak Output Power
BLE 1M_Channel 39



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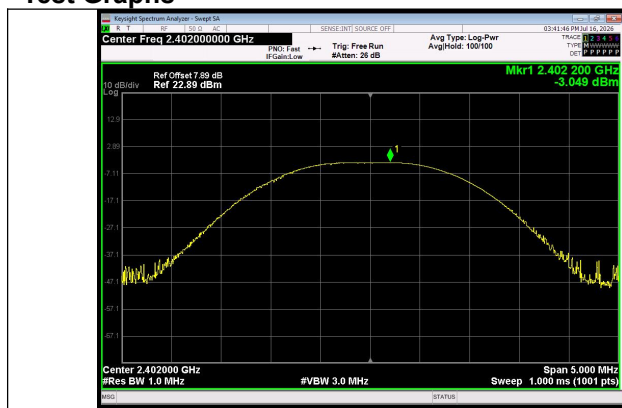
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Right earphone

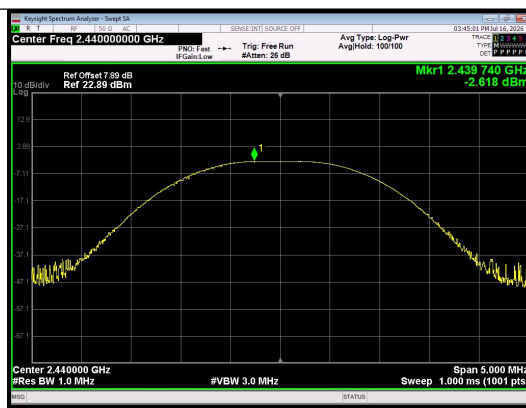
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	-3.05	0.5	None	≤30	PASS
	19	-2.62	0.55	None	≤30	PASS
	39	-1.85	0.65	None	≤30	PASS

Mode	Channel	Peak Output Power (dBm)	Peak Power Limit (dBm)	ISED EIRP (dBm)	ISED EIRP Limit (dBm)	Max. Avg. Power (dBm)	Result
BLE 1M	0	-3.05	≤30	-3.049	≤36.02	None	PASS
	19	-2.62	≤30	-2.618	≤36.02	None	PASS
	39	-1.85	≤30	-1.851	≤36.02	None	PASS

Test Graphs



Peak Output Power
BLE 1M_Channel 0



Peak Output Power
BLE 1M_Channel 19



Peak Output Power
BLE 1M_Channel 39



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A.4 99% BANDWIDTH

Test Result

Left earphone

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	0.97304
BLE 1M	19	2440	0.98373
BLE 1M	39	2480	0.97399

Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



BLE 1M_Channel 39



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Right earphone

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	0.97176
BLE 1M	19	2440	0.97525
BLE 1M	39	2480	0.96351

Test Graphs





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A.5 6DB BANDWIDTH

Test Result

Left earphone

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6518	≥0.5	PASS
	19	2440	0.6508		PASS
	39	2480	0.6528		PASS

Test Graphs





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Right earphone

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6484	≥0.5	PASS
	19	2440	0.6454		PASS
	39	2480	0.6487		PASS

Test Graphs





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A.6 CONDUCTED SPURIOUS & BAND EDGE EMISSION

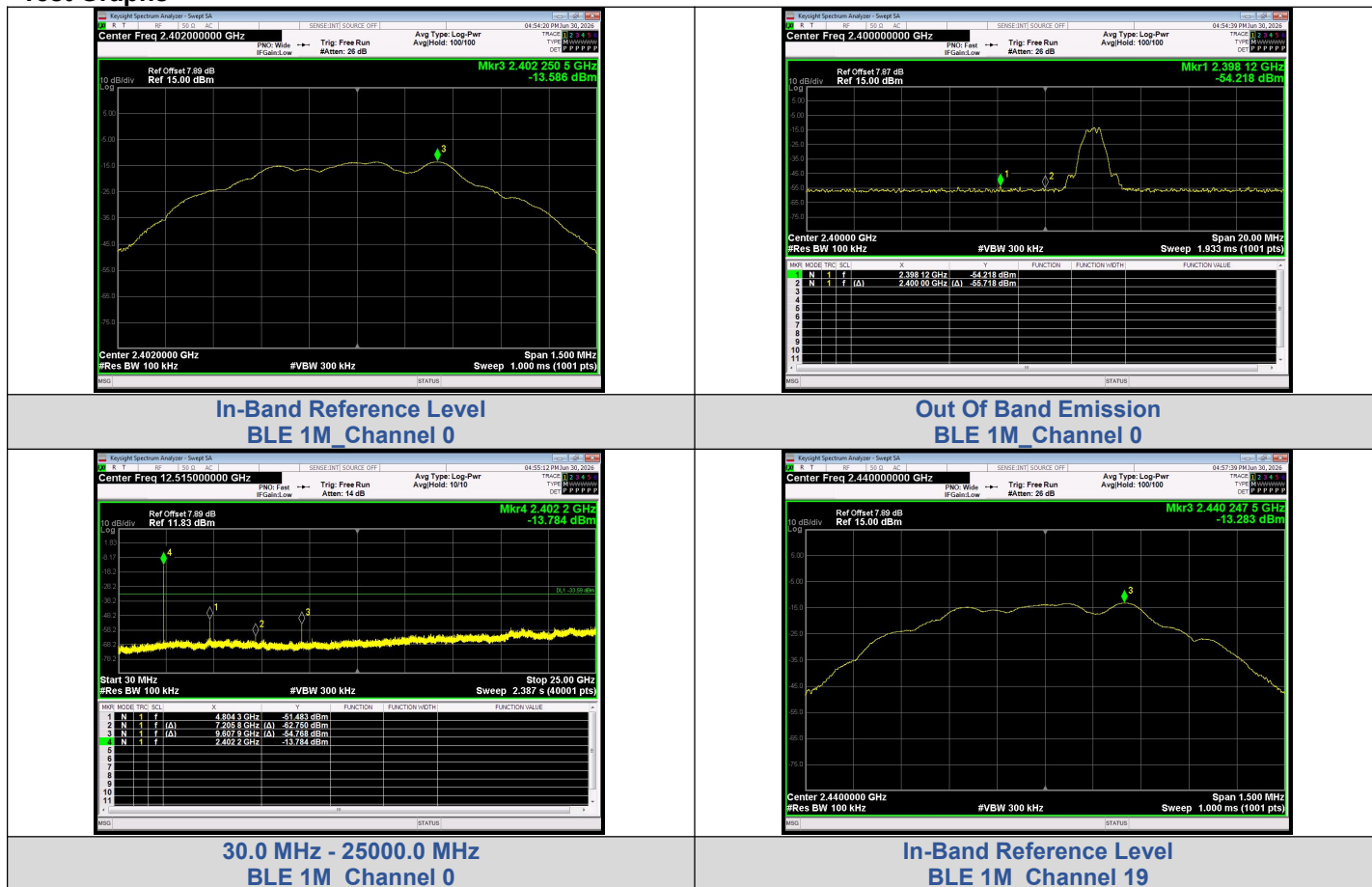
Test Result

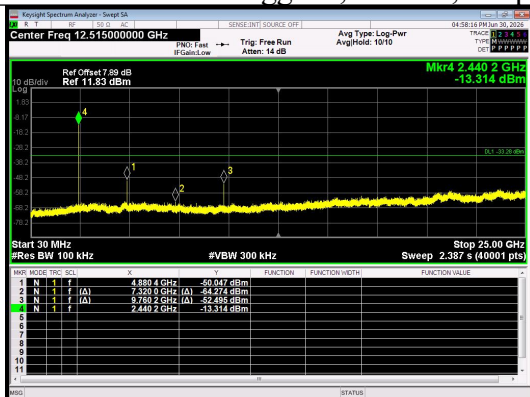
Left earphone

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2398.12	-54.218	-33.59	-20.628	PASS
		2400.00	-55.718	-33.59	-22.128	PASS
		4804.30	-51.483	-33.59	-17.893	PASS
		7205.80	-62.750	-33.59	-29.160	PASS
		9607.90	-54.769	-33.59	-21.178	PASS
	19	4880.42	-50.047	-33.28	-16.767	PASS
		7319.99	-64.274	-33.28	-30.994	PASS
		9760.18	-52.495	-33.28	-19.215	PASS
	39	2483.50	-57.491	-32.37	-25.121	PASS
		4960.33	-51.731	-32.37	-19.361	PASS
		7439.85	-62.722	-32.37	-30.352	PASS
		9919.99	-60.665	-32.37	-28.295	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

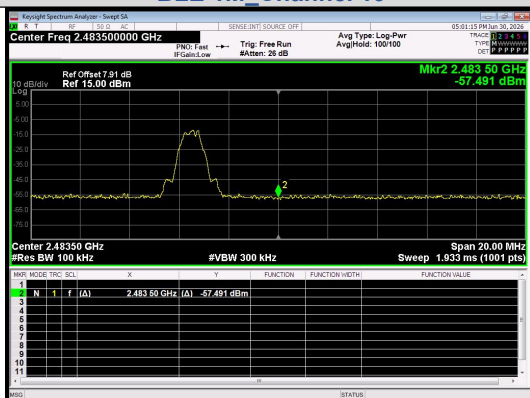




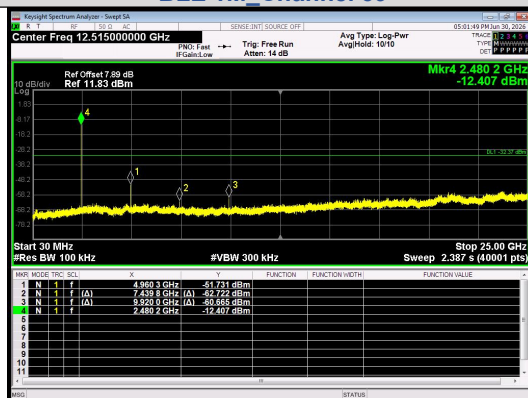
**30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19**



**In-Band Reference Level
BLE 1M_Channel 39**



**Out Of Band Emission
BLE 1M_Channel 39**



**30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39**



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Right earphone

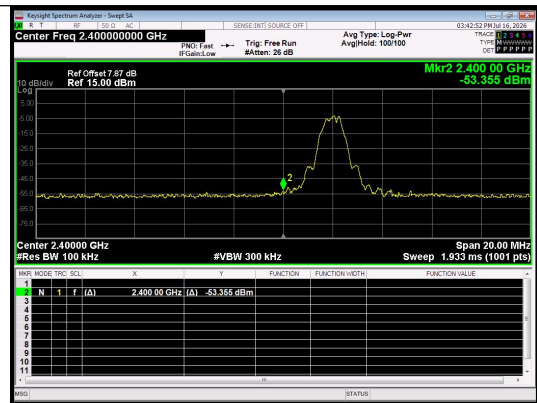
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2400.00	-53.355	-23.58	-29.775	PASS
		4804.26	-46.607	-23.58	-23.027	PASS
		7205.75	-60.495	-23.58	-36.915	PASS
		9607.87	-53.440	-23.58	-29.860	PASS
	19	4880.42	-46.843	-23.06	-23.783	PASS
		7319.99	-60.372	-23.06	-37.312	PASS
		9760.18	-50.407	-23.06	-27.347	PASS
	39	2483.50	-55.626	-22.26	-33.366	PASS
		4960.33	-49.618	-22.26	-27.358	PASS
		7439.85	-57.306	-22.26	-35.046	PASS
		9919.99	-56.260	-22.26	-33.999	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

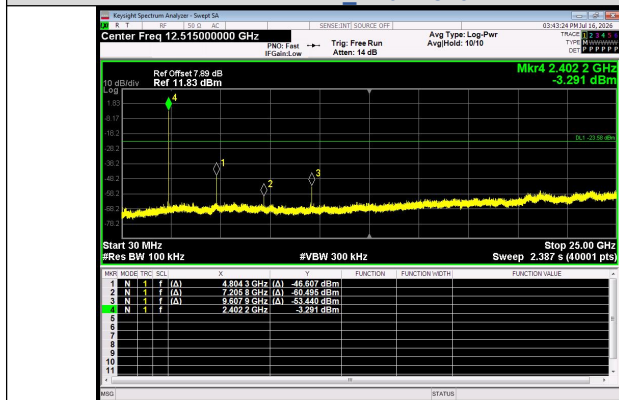
Test Graphs



In-Band Reference Level
BLE 1M_Channel 0



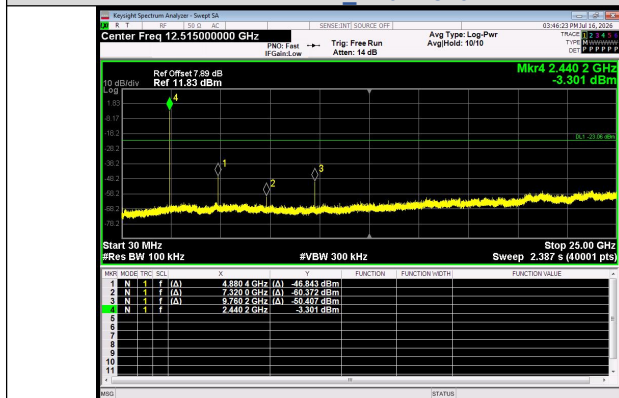
Out Of Band Emission
BLE 1M_Channel 0



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



In-Band Reference Level
BLE 1M_Channel 19





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