



Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

E.U.T:	Eastmonts Ski Tunes
Model Number:	Eastmonts Ski Tunes
Trade Name:	Eastmonts, Ski Tunes
Sample Number:	33000287414
Date of Receipt:	Sept. 18, 2026
Date of Test:	Sept. 19~Sept. 23, 2026
FCC ID:	2BYI6-SKITUNES

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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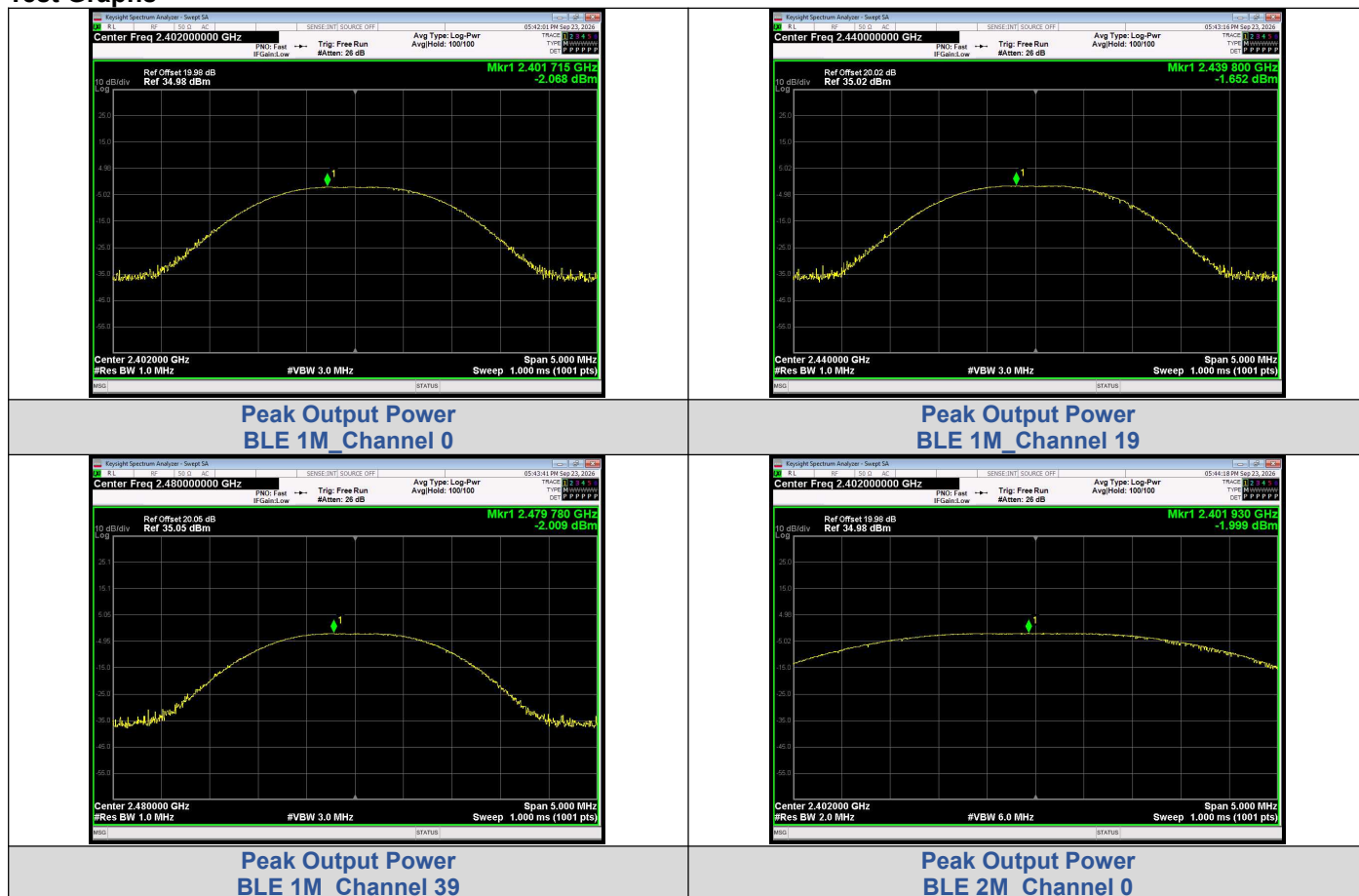
A.1 CONDUCTED OUTPUT POWER

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Verdict
BLE 1M	0	-2.068	0.62	None	≤30	PASS
	19	-1.652	0.68	None	≤30	PASS
	39	-2.009	0.63	None	≤30	PASS
BLE 2M	0	-1.999	0.63	None	≤30	PASS
	19	-1.542	0.7	None	≤30	PASS
	39	-1.838	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)	Verdict
BLE 1M	0	-2.068	≤30	-2.068	≤36.02	None	PASS
	19	-1.652	≤30	-1.652	≤36.02	None	PASS
	39	-2.009	≤30	-2.009	≤36.02	None	PASS
BLE 2M	0	-1.999	≤30	-1.999	≤36.02	None	PASS
	19	-1.542	≤30	-1.542	≤36.02	None	PASS
	39	-1.838	≤30	-1.838	≤36.02	None	PASS

Test Graphs





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Peak Output Power
BLE 2M_Channel 19



Peak Output Power
BLE 2M_Channel 39



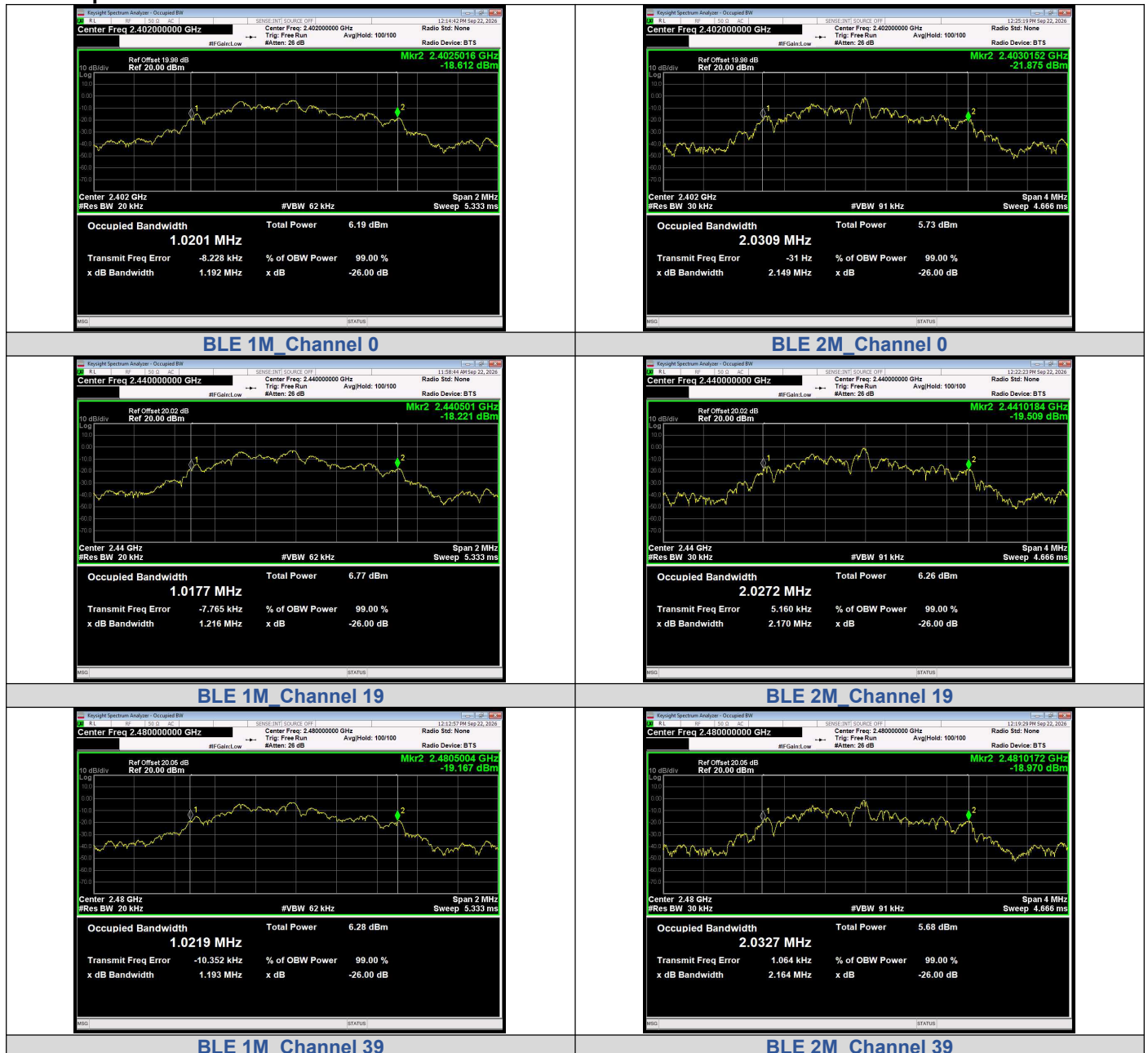
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A.2 99% BANDWIDTH

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.02
BLE 1M	19	2440	1.02
BLE 1M	39	2480	1.02
BLE 2M	0	2402	2.03
BLE 2M	19	2440	2.03
BLE 2M	39	2480	2.03

Test Graphs





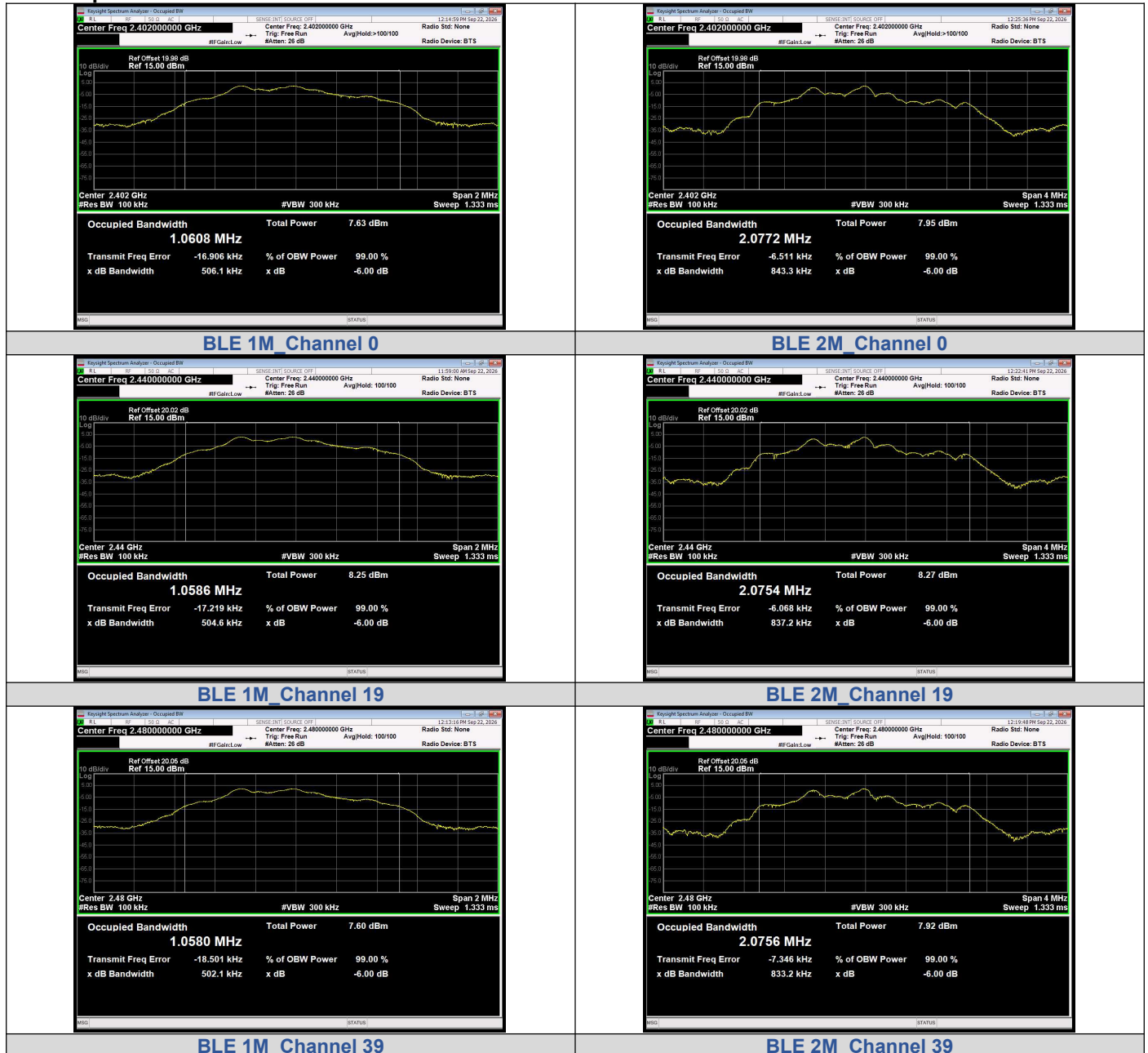
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A.3 6DB BANDWIDTH

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Verdict
BLE 1M	0	2402	0.5061	≥0.5	PASS
	19	2440	0.5046		PASS
	39	2480	0.5021		PASS
BLE 2M	0	2402	0.8433		PASS
	19	2440	0.8372		PASS
	39	2480	0.8332		PASS

Test Graphs



A.4 CONDUCTED SPURIOUS & BAND EDGE EMISSION

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Verdict
BLE 1M	0	144.20	-37.239	-17.92	-19.319	PASS
		2383.05	-42.491	-17.92	-24.571	PASS
		2400.00	-43.585	-17.92	-25.665	PASS
		4803.60	-49.779	-17.92	-31.859	PASS
		7205.80	-43.776	-17.92	-25.856	PASS
		9607.20	-60.964	-17.92	-43.044	PASS
	19	913.31	-18.871	-17.29	-1.581	PASS
		4879.80	-48.685	-17.29	-31.395	PASS
		7319.37	-48.698	-17.29	-31.408	PASS
		9758.94	-59.418	-17.29	-42.128	PASS
	39	144.24	-36.381	-17.74	-18.641	PASS
		2483.50	-44.856	-17.74	-27.116	PASS
		4959.70	-48.591	-17.74	-30.851	PASS
		7439.85	-51.430	-17.74	-33.690	PASS
		9919.99	-59.940	-17.74	-42.200	PASS
BLE 2M	0	96.17	-38.660	-17.95	-20.710	PASS
		2400.00	-31.142	-17.95	-13.192	PASS
		4803.64	-55.231	-17.95	-37.281	PASS
		7207.00	-53.475	-17.95	-35.525	PASS
		9607.87	-59.887	-17.95	-41.937	PASS
	19	144.24	-38.630	-17.55	-21.080	PASS
		4881.05	-54.884	-17.55	-37.334	PASS
		7319.99	-45.209	-17.55	-27.659	PASS
		9758.31	-61.011	-17.55	-43.461	PASS
	39	144.24	-40.028	-17.97	-22.058	PASS
		2483.50	-45.130	-17.97	-27.160	PASS
		4959.08	-49.962	-17.97	-31.992	PASS
		7440.47	-56.914	-17.97	-38.944	PASS
		9919.99	-62.530	-17.97	-44.560	PASS

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

Test Graphs



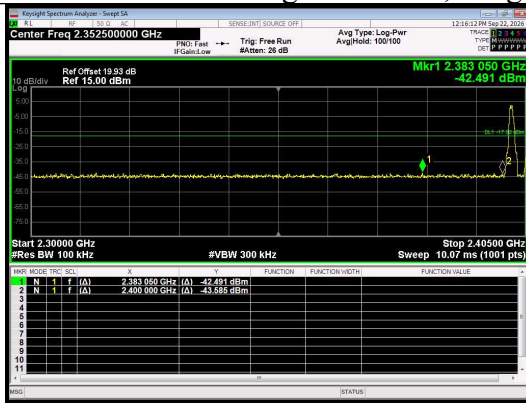
In-Band Reference Level
BLE 1M_Channel 0



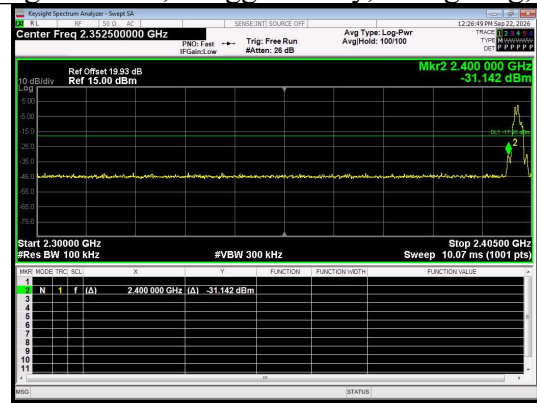
In-Band Reference Level
BLE 2M_Channel 0



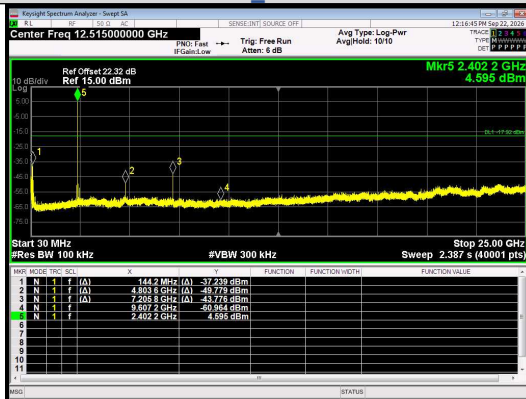
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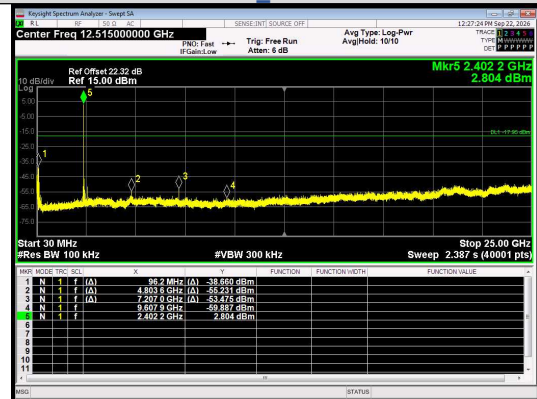
Out Of Band Emission
BLE 1M_Channel 0



Out Of Band Emission
BLE 2M_Channel 0



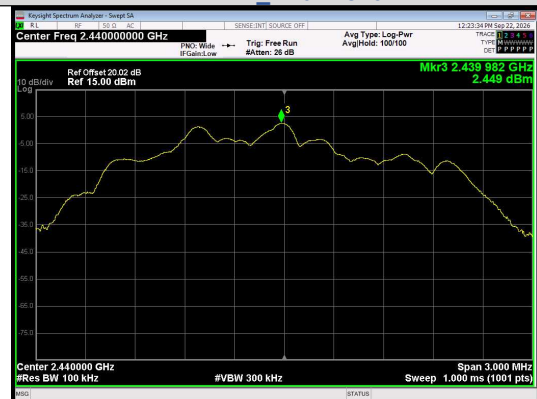
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



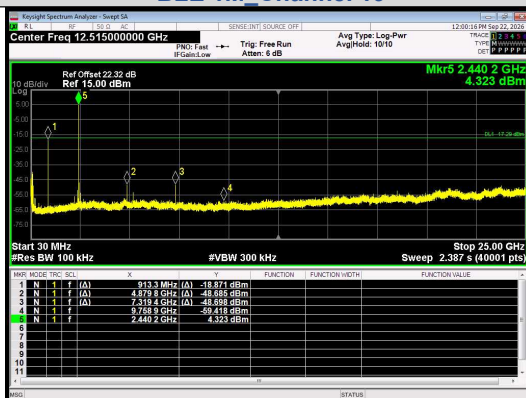
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



In-Band Reference Level
BLE 1M_Channel 19



In-Band Reference Level
BLE 2M_Channel 19



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



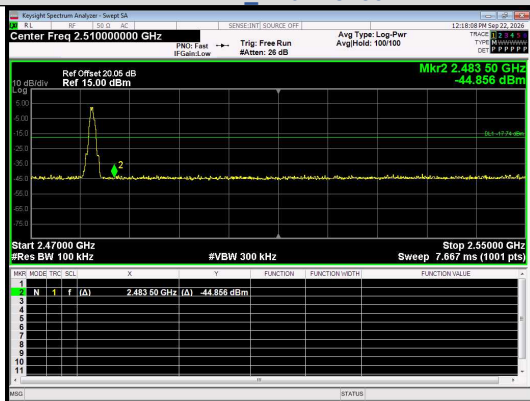
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



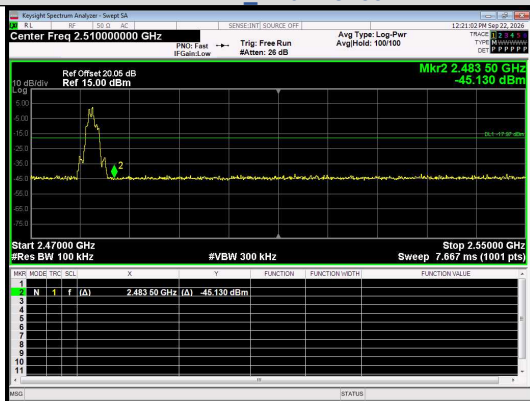
In-Band Reference Level
BLE 1M_Channel 39



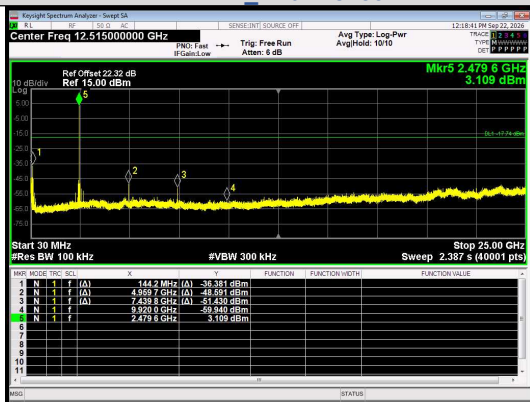
In-Band Reference Level
BLE 2M_Channel 39



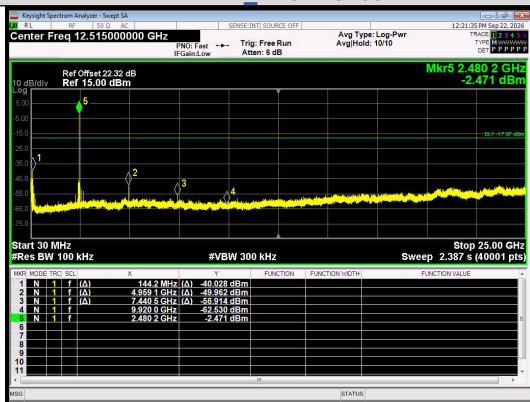
Out Of Band Emission
BLE 1M_Channel 39



Out Of Band Emission
BLE 2M_Channel 39



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39



30.0 MHz - 25000.0 MHz
BLE 2M_Channel 39



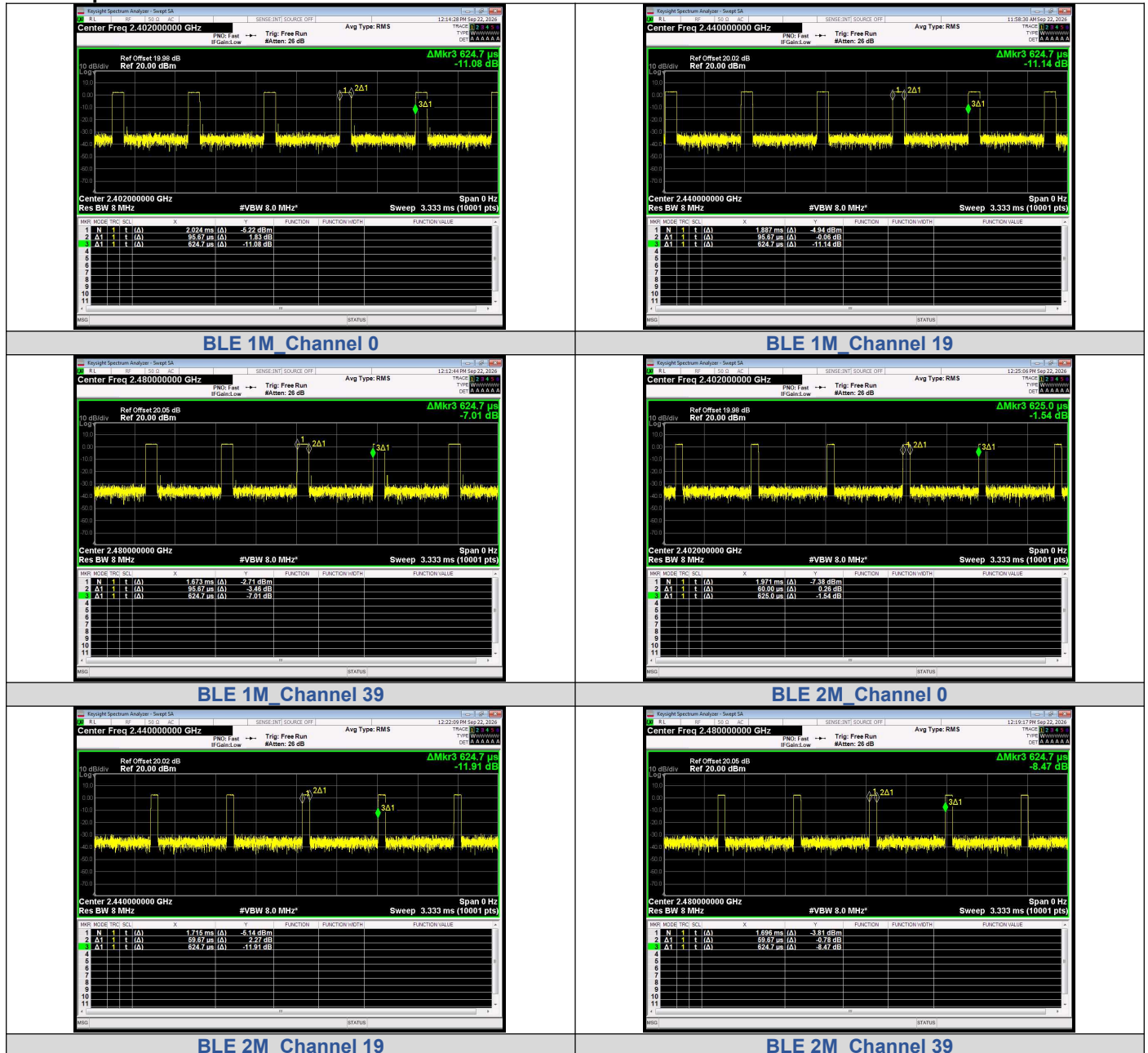
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A.5 DUTY CYCLE

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	0.0957	0.625	15.32	0.1532	8.1474	10.4493
	19	0.0957	0.625	15.32	0.1532	8.1474	10.4493
	39	0.0957	0.625	15.32	0.1532	8.1474	10.4493
BLE 2M	0	0.0600	0.625	9.60	0.0960	10.1773	16.6667
	19	0.0597	0.625	9.56	0.0956	10.1954	16.7504
	39	0.0597	0.625	9.56	0.0956	10.1954	16.7504

Test Graphs



A.6 POWER SPECTRAL DENSITY

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	0	-16.470	≤ 8	PASS
BLE 1M	19	-15.640	≤ 8	PASS
BLE 1M	39	-16.020	≤ 8	PASS
BLE 2M	0	-18.240	≤ 8	PASS
BLE 2M	19	-17.580	≤ 8	PASS
BLE 2M	39	-17.910	≤ 8	PASS

Test Graphs

