



Keyway Testing Technology (Guangdong) Co., Ltd
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

Bluetooth_(BLE)_Test data	
Report No.:	2025122910265935-00
FCC ID:	2BTJP-C707PA
E.U.T:	Active Speaker
Model Number:	C707PA
Trade Name:	JAMO
Sample Number:	33000258641
Test engineer:	Hugh Zhang
Date of Receipt:	Dec. 05, 2025
Date of Test:	Dec. 05, 2025 ~ Jan. 16, 2026
Result:	PASS



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A.1 CONDUCTED OUTPUT POWER

Test Result

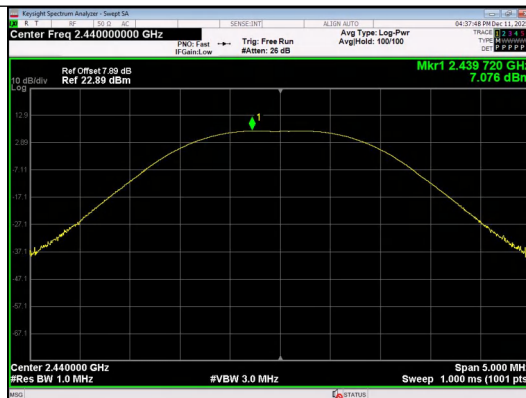
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	7.24	5.3	None	≤30	PASS
	19	7.08	5.1	None	≤30	PASS
	39	8.18	6.57	None	≤30	PASS
BLE 2M	0	7.28	5.34	None	≤30	PASS
	19	7.12	5.15	None	≤30	PASS
	39	8.24	6.66	None	≤30	PASS

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

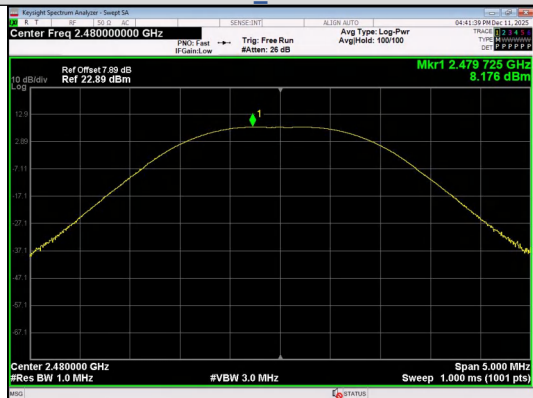
Test Graphs



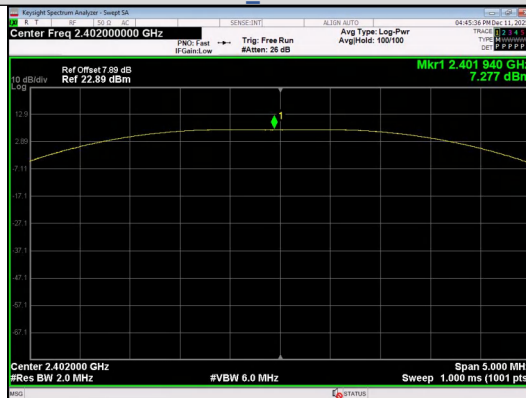
Peak Output Power
BLE 1M_Channel 0



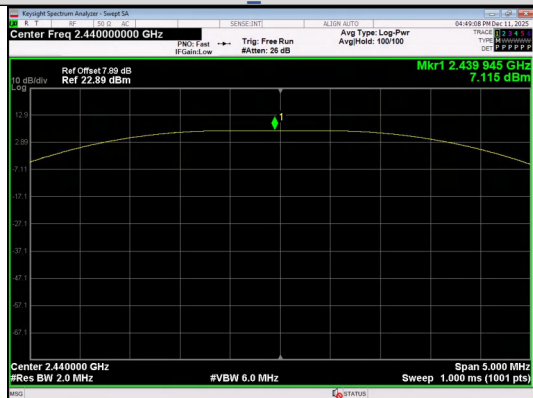
Peak Output Power
BLE 1M_Channel 19



Peak Output Power
BLE 1M_Channel 39



Peak Output Power
BLE 2M_Channel 0



Peak Output Power
BLE 2M_Channel 19



Peak Output Power
BLE 2M_Channel 39



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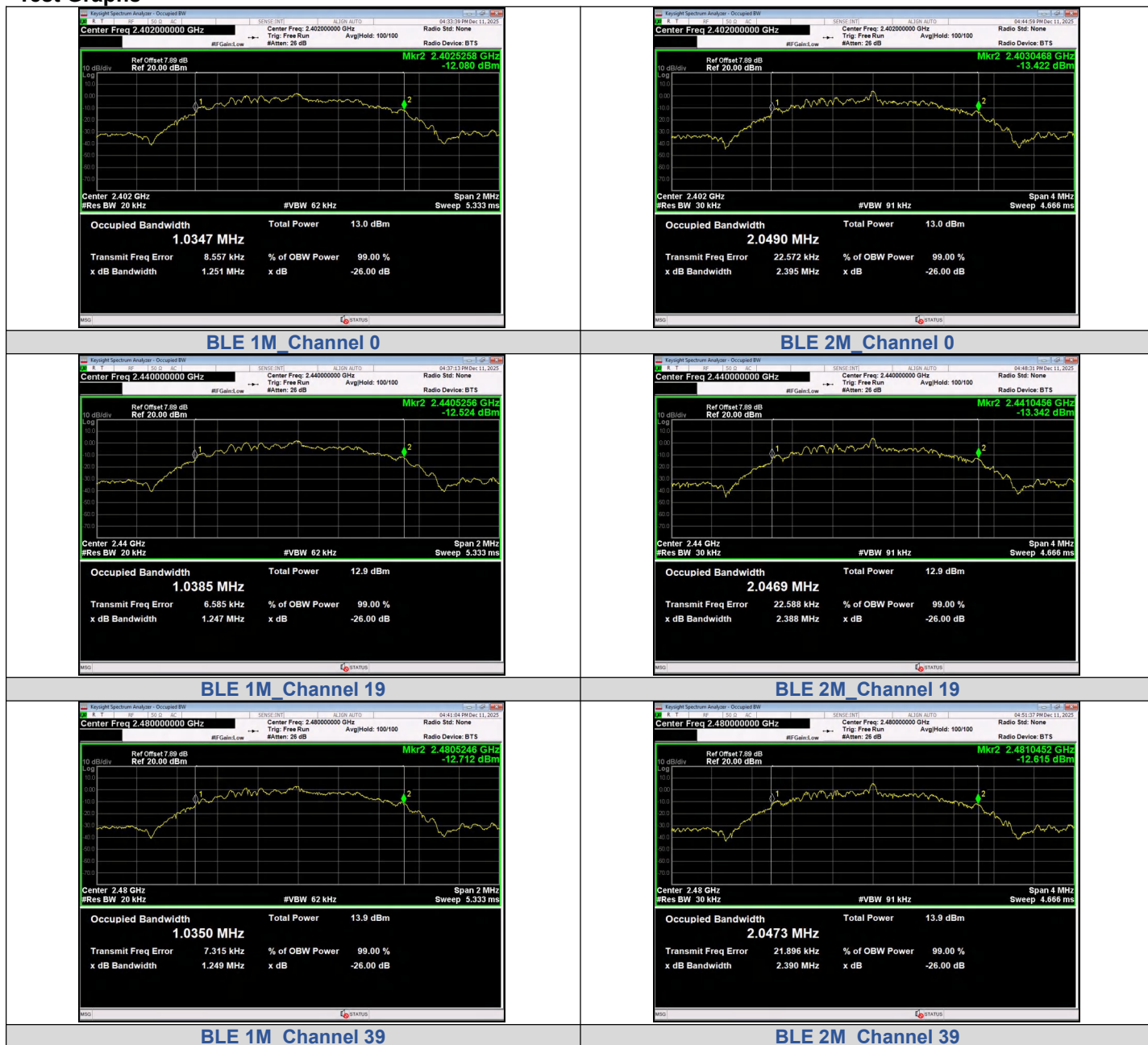
A.2 99% BANDWIDTH

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0347
BLE 1M	19	2440	1.0385
BLE 1M	39	2480	1.0350
BLE 2M	0	2402	2.0490
BLE 2M	19	2440	2.0469
BLE 2M	39	2480	2.0473

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

Test Graphs





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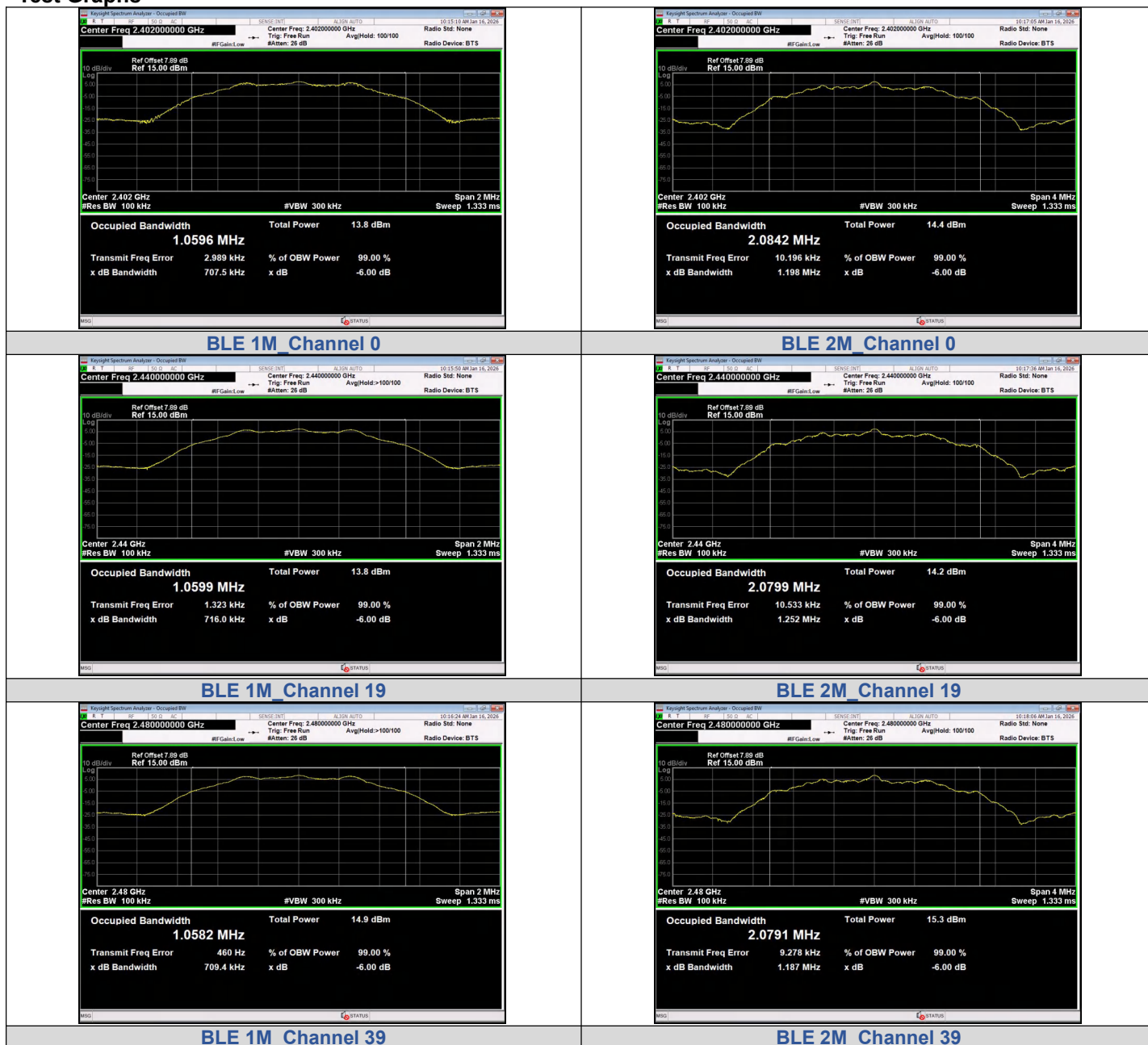
A.3 6DB BANDWIDTH

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.7075	≥0.5	PASS
	19	2440	0.7160		PASS
	39	2480	0.7094		PASS
BLE 2M	0	2402	1.198		PASS
	19	2440	1.252		PASS
	39	2480	1.187		PASS

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

Test Graphs





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A.4 CONDUCTED SPURIOUS & BAND EDGE EMISSION

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2393.97	-46.422	-12.94	-33.482	PASS
		2400.00	-46.989	-12.94	-34.049	PASS
		4803.00	-65.340	-12.94	-52.400	PASS
		7205.10	-65.209	-12.94	-52.269	PASS
		9606.60	-66.581	-12.94	-53.641	PASS
	19	21585.4	-52.474	-12.94	-39.534	PASS
		4880.42	-64.127	-13.1	-51.027	PASS
		7318.74	-66.201	-13.1	-53.101	PASS
		9760.81	-66.998	-13.1	-53.898	PASS
	39	21586.6	-52.441	-13.1	-39.341	PASS
		2483.50	-52.528	-12.01	-40.518	PASS
		4959.70	-60.834	-12.01	-48.824	PASS
		7438.60	-66.306	-12.01	-54.296	PASS
		9920.62	-64.088	-12.01	-52.078	PASS
BLE 2M	0	21150.2	-52.702	-12.01	-40.692	PASS
		2400.00	-24.495	-12.92	-11.575	PASS
		4805.51	-65.056	-12.92	-52.136	PASS
		7205.13	-64.457	-12.92	-51.537	PASS
		9607.87	-67.600	-12.92	-54.680	PASS
	19	21536.7	-53.461	-12.92	-40.541	PASS
		4879.17	-64.438	-13.06	-51.378	PASS
		7318.74	-66.063	-13.06	-53.003	PASS
		9759.56	-66.641	-13.06	-53.581	PASS
	39	21137.8	-51.897	-13.06	-38.837	PASS
		2483.50	-49.521	-11.97	-37.551	PASS
		4959.08	-64.390	-11.97	-52.420	PASS
		7441.72	-65.751	-11.97	-53.781	PASS
		9920.62	-63.772	-11.97	-51.802	PASS
		21160.9	-52.331	-11.97	-40.361	PASS

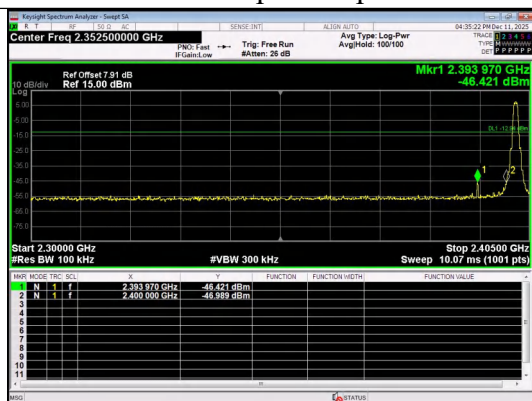
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

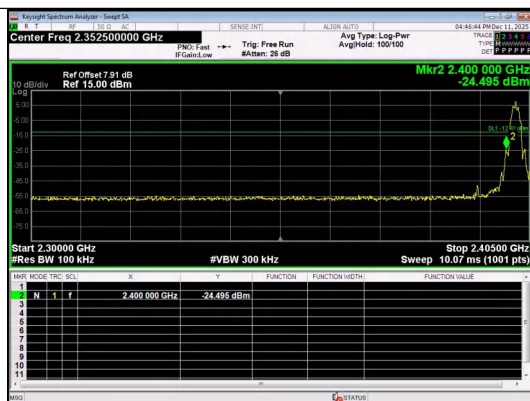




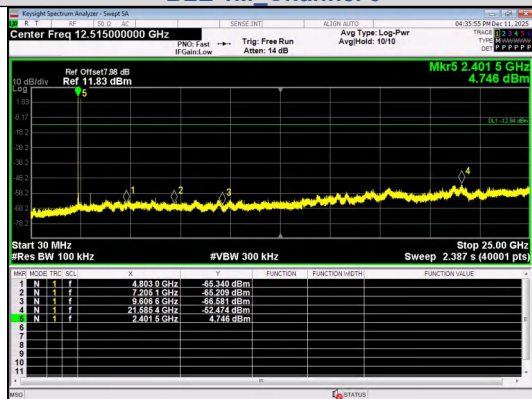
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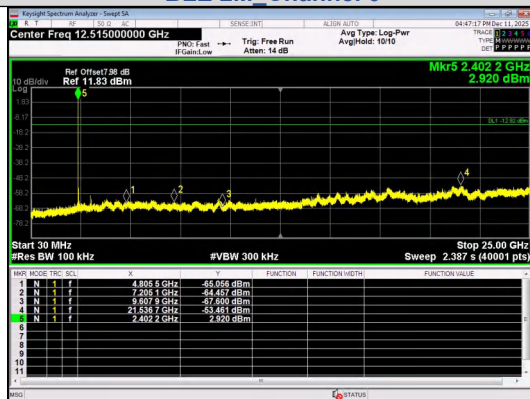
Out Of Band Emission
BLE 1M_Channel 0



Out Of Band Emission
BLE 2M_Channel 0



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



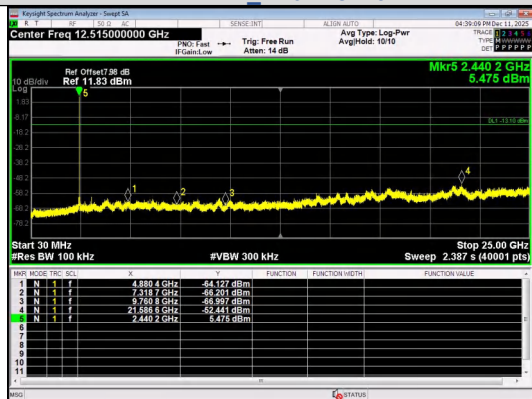
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



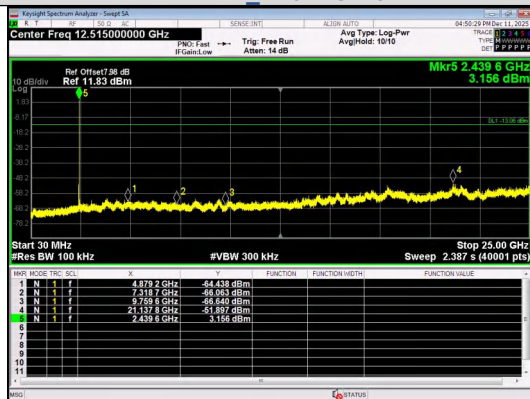
In-Band Reference Level
BLE 1M_Channel 19



In-Band Reference Level
BLE 2M_Channel 19



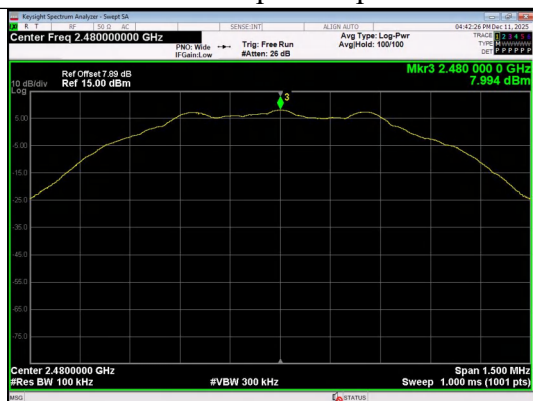
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



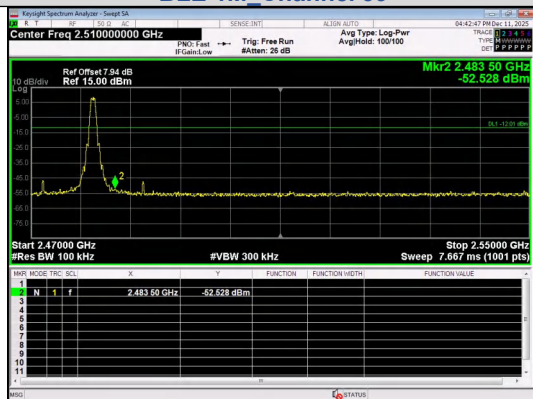
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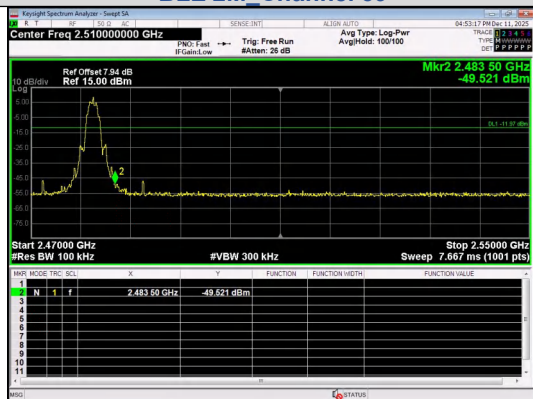
In-Band Reference Level
BLE 1M_Channel 39



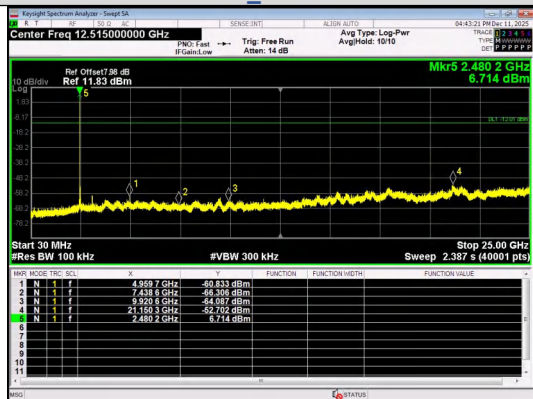
In-Band Reference Level
BLE 2M_Channel 39



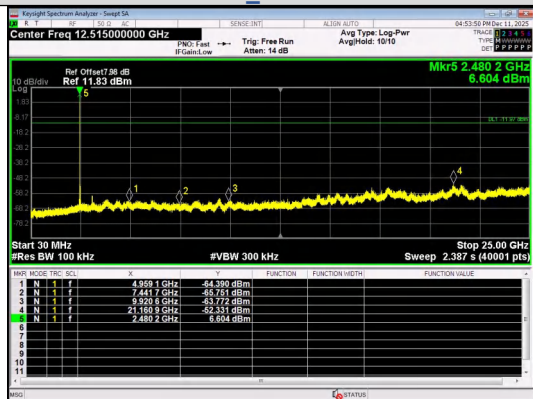
Out Of Band Emission
BLE 1M_Channel 39



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	0.393	0.625	62.91	0.6291	2.0128	2.5445
	19	0.393	0.625	62.93	0.6293	2.0114	2.5445
	39	0.393	0.625	62.91	0.6291	2.0128	2.5445
BLE 2M	0	0.208	0.625	33.30	0.3330	4.7756	4.8077
	19	0.208	0.625	33.33	0.3333	4.7716	4.8077
	39	0.208	0.625	33.30	0.3330	4.7756	4.8077

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

Test Graphs





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A.6 POWER SPECTRAL DENSITY

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-7.880	≤8	PASS
BLE 1M	19	-8.020	≤8	PASS
BLE 1M	39	-6.960	≤8	PASS
BLE 2M	0	-10.700	≤8	PASS
BLE 2M	19	-10.880	≤8	PASS
BLE 2M	39	-9.770	≤8	PASS

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

Test Graphs

