



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:	CD PLAYER
Model Number:	R-400
Trade Name:	N/A
Sample ID	33000253475
Sample(s) Status:	Engineer sample
Date of Receipt:	Sept. 25~Sept. 28, 2025
Date of Test:	Sept. 28, 2025
FCC ID:	2BFHV-R400
Report No.	2025092679469968-00



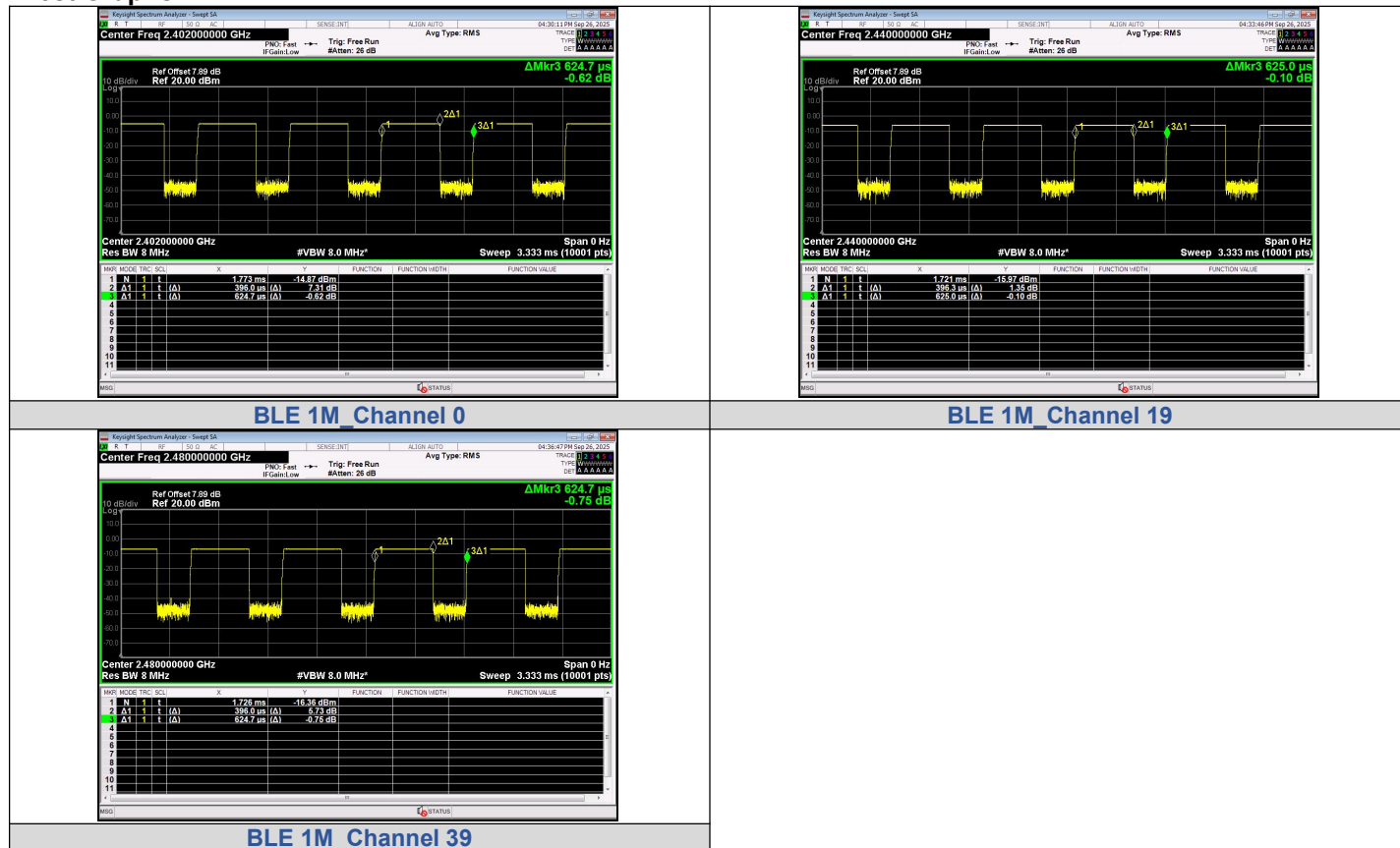
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A.1 DUTY CYCLE

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	0.396	0.625	63.39	0.6339	1.9798	2.5253
	19	0.396	0.625	63.41	0.6341	1.9784	2.5253
	39	0.396	0.625	63.39	0.6339	1.9798	2.5253

Test Graphs





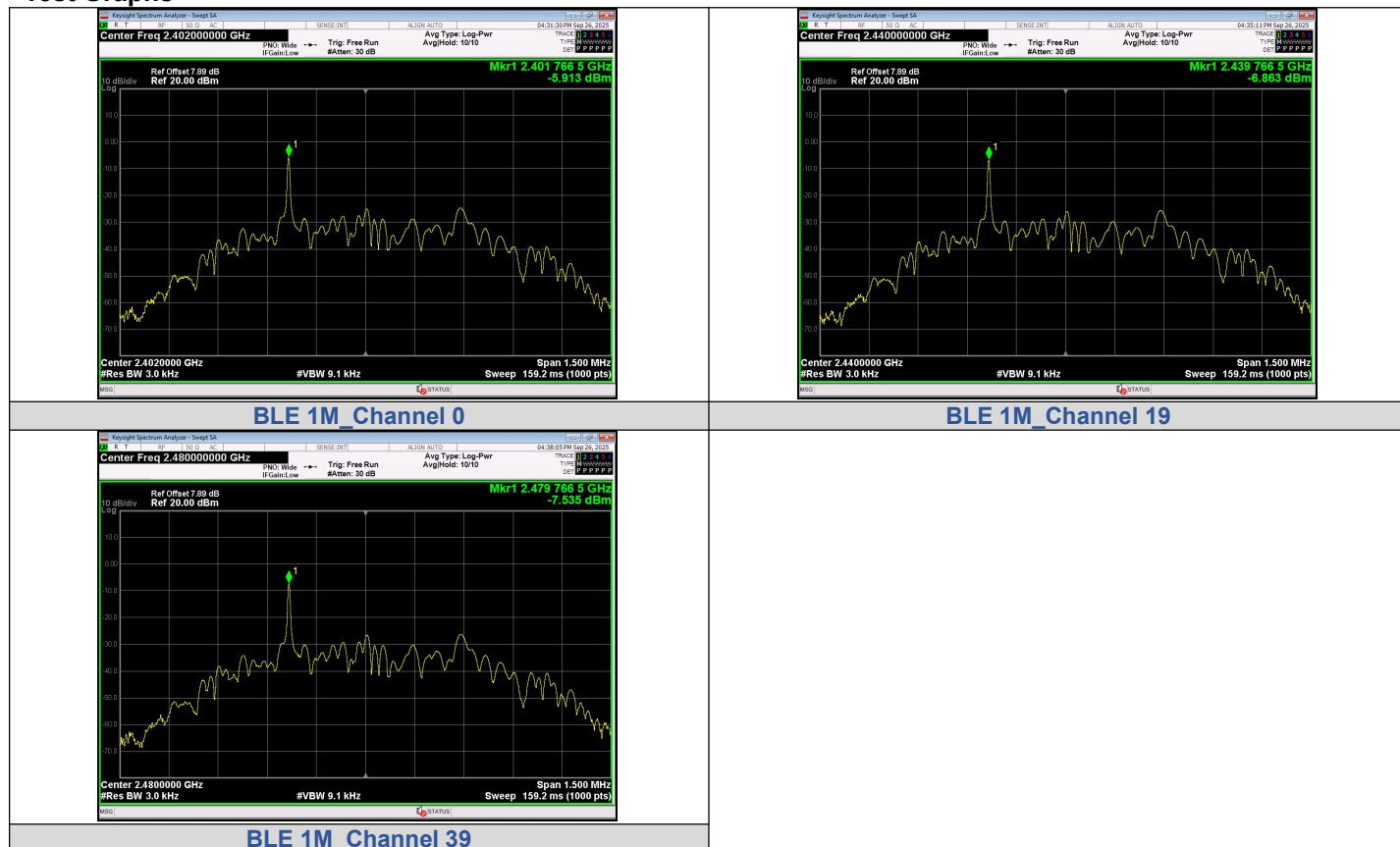
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A.2 POWER SPECTRAL DENSITY

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-5.910	≤8	PASS
BLE 1M	19	-6.860	≤8	PASS
BLE 1M	39	-7.540	≤8	PASS

Test Graphs





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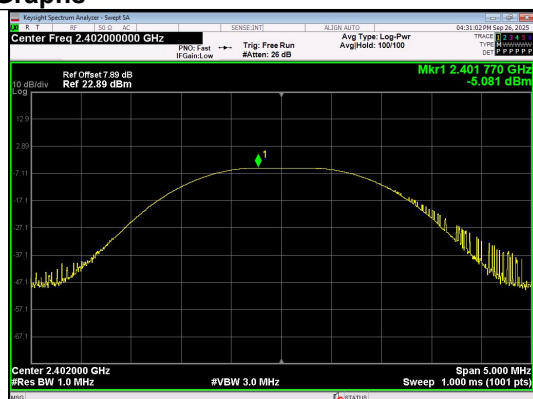
A.3 CONDUCTED PEAK OUTPUT POWER

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	-5.08	0.31	None	≤30	PASS
	19	-6.05	0.25	None	≤30	PASS
	39	-6.71	0.21	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	-5.08	≤30	-3.0100000000000002	≤36.02	None	PASS
	19	-6.05	≤30	-3.98	≤36.02	None	PASS
	39	-6.71	≤30	-4.6400000000000001	≤36.02	None	PASS

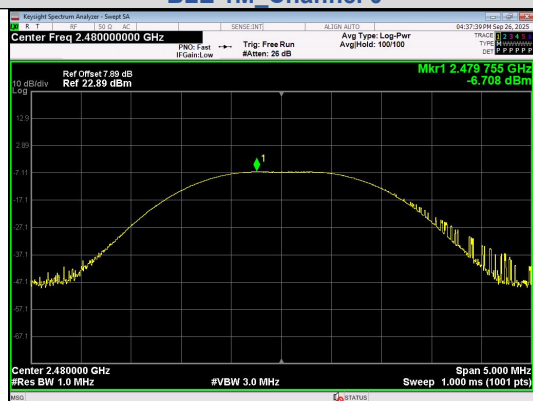
Test Graphs



Peak Output Power
BLE 1M_Channel 0



Peak Output Power
BLE 1M_Channel 19



Peak Output Power
BLE 1M_Channel 39



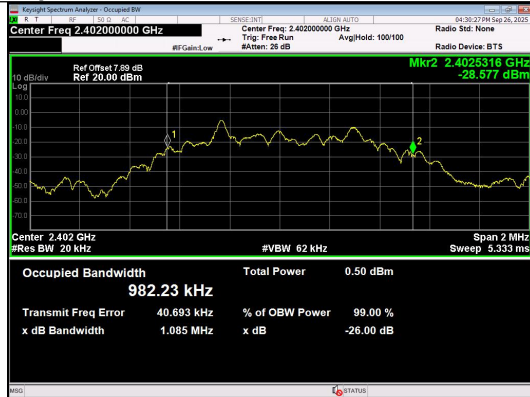
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A.4 99% BANDWIDTH

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	0.98223
BLE 1M	19	2440	0.98329
BLE 1M	39	2480	0.97575

Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



BLE 1M_Channel 39



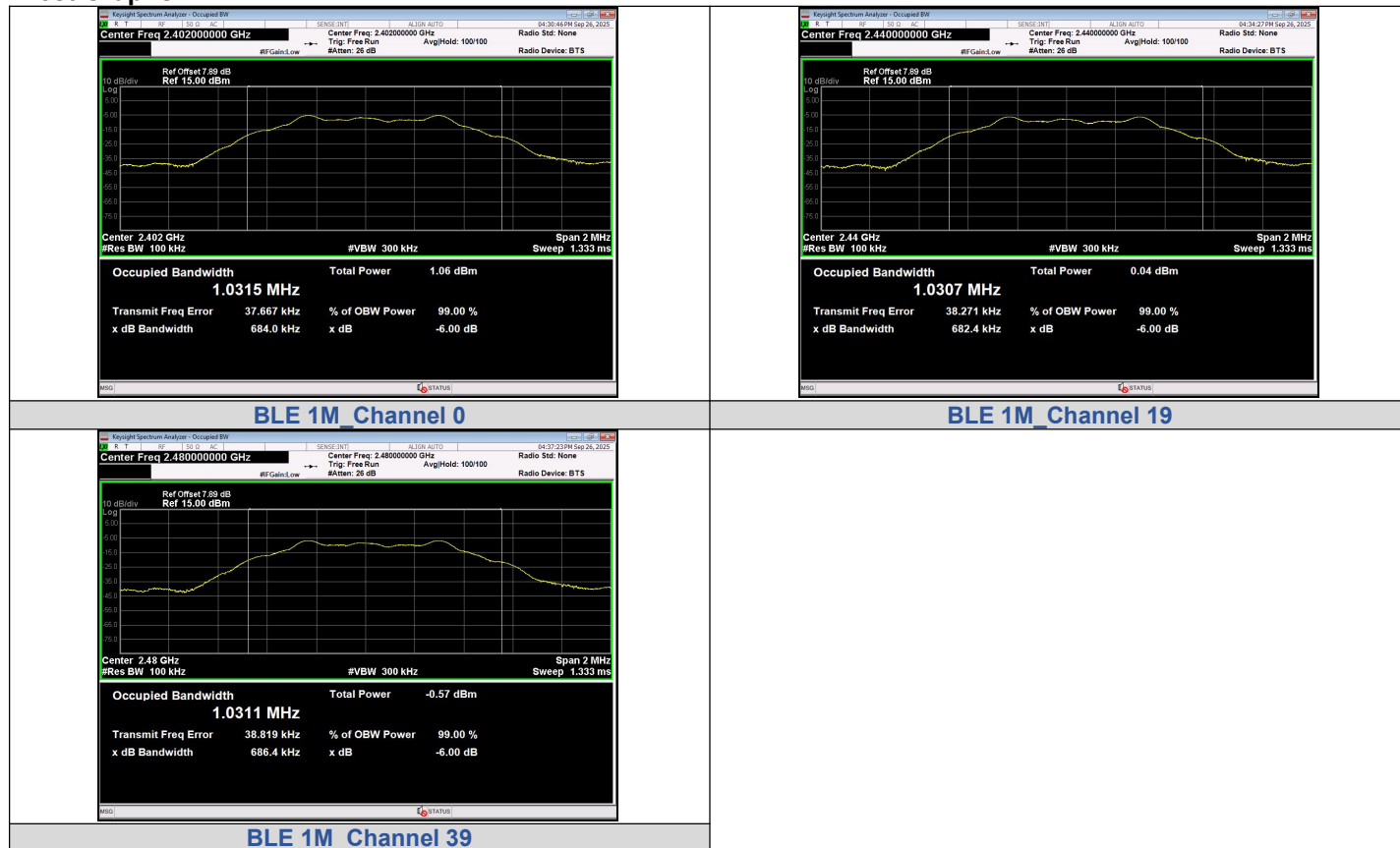
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A.5 6DB BANDWIDTH

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6840	≥0.5	PASS
	19	2440	0.6824		PASS
	39	2480	0.6864		PASS

Test Graphs





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A.6 CONDUCTED OUT OF BAND EMISSION

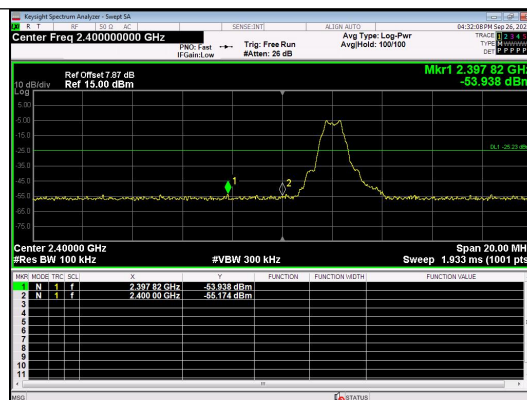
Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2397.82	-53.938	-25.23	-28.708	PASS
		2400.00	-55.170	-25.23	-29.940	PASS
		21601.5	-52.650	-25.23	-27.420	PASS
	19	24957.5	-52.847	-26.23	-26.617	PASS
		2483.50	-56.700	-26.86	-29.840	PASS
		21576.5	-51.054	-26.86	-24.194	PASS

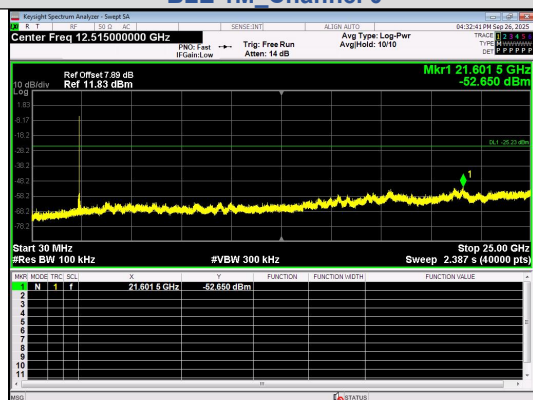
Test Graphs



In-Band Reference Level
BLE 1M_Channel 0



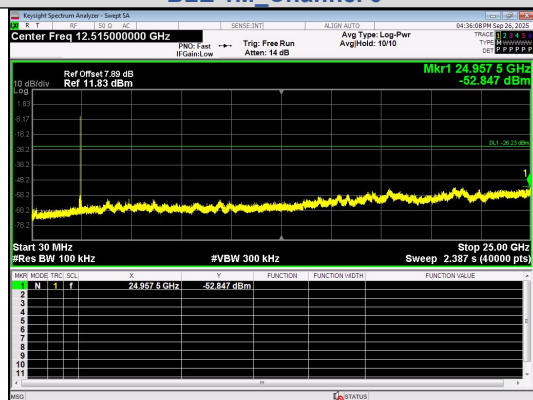
Out Of Band Emission
BLE 1M_Channel 0



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



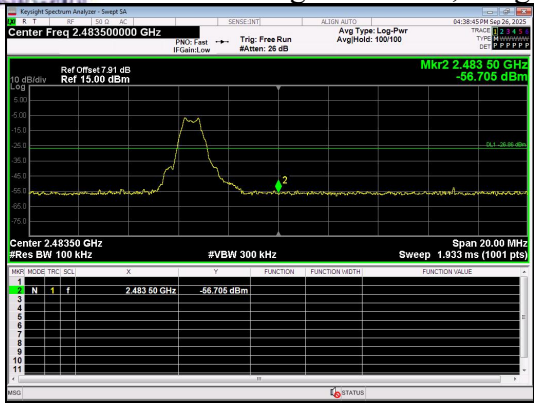
In-Band Reference Level
BLE 1M_Channel 19



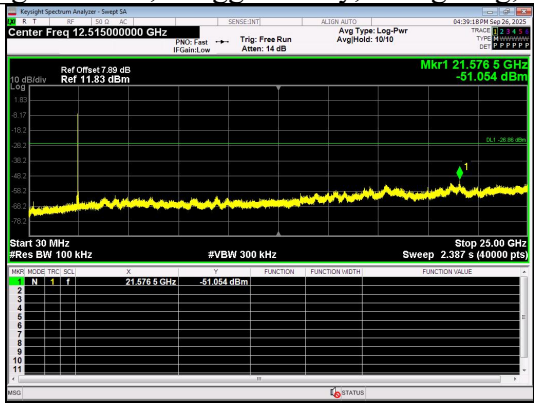
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



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

***THE END OF REPORT ***