

Appendix A

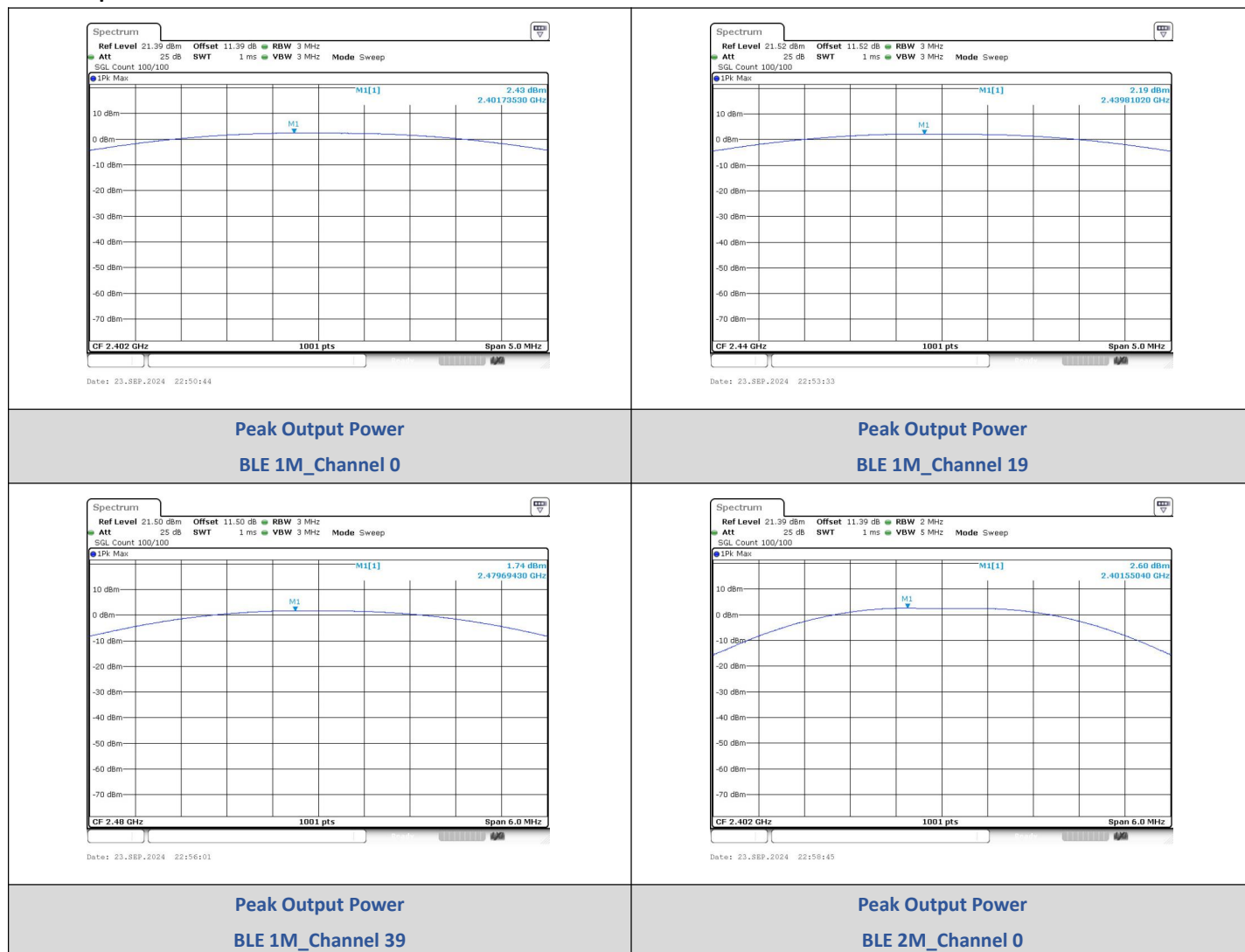
Report No.:	CISRR24091415501
FCC ID:	R56-F34911
Product Name:	PORTABLE Stereo CD Player
Model No.:	F3491D
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

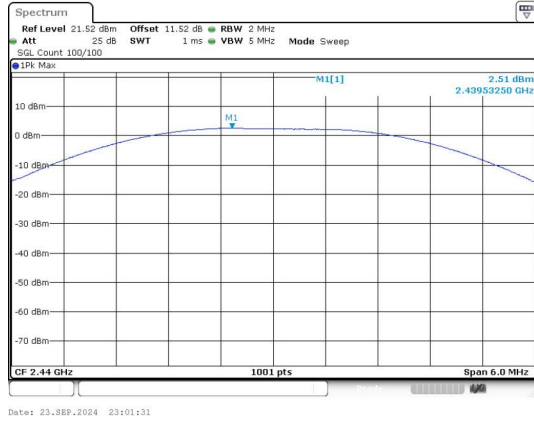
1) Conducted Output Power

Test Result

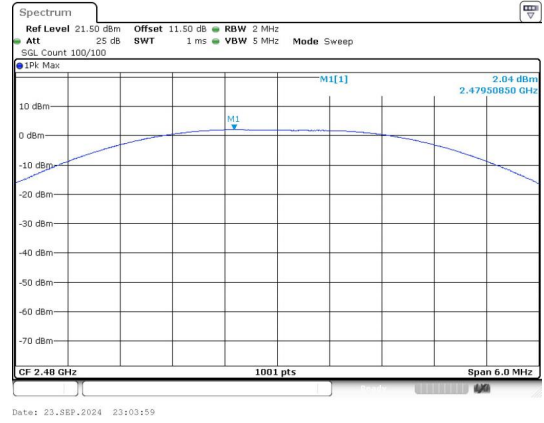
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	2.43	1.75	≤30	PASS
	19	2.19	1.66	≤30	PASS
	39	1.74	1.49	≤30	PASS
BLE 2M	0	2.60	1.82	≤30	PASS
	19	2.51	1.78	≤30	PASS
	39	2.04	1.6	≤30	PASS

Test Graphs





Peak Output Power
BLE 2M_Channel 19



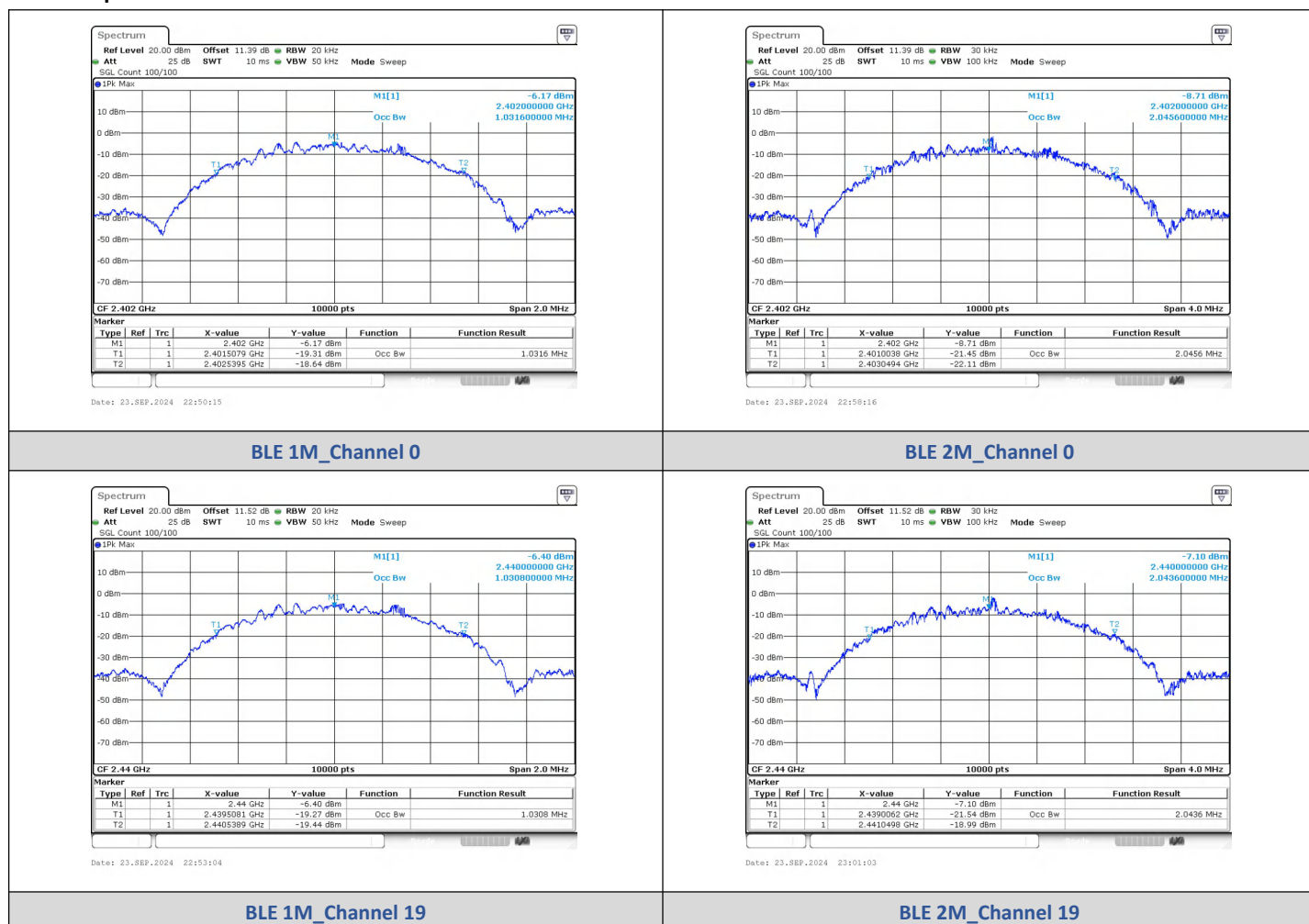
Peak Output Power
BLE 2M_Channel 39

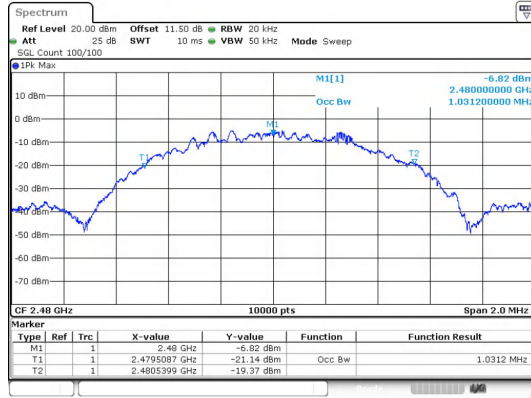
2) 99% Bandwidth

Test Result

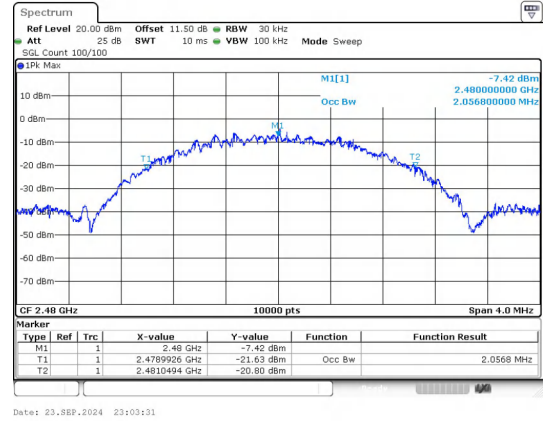
Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0316
BLE 1M	19	2440	1.0308
BLE 1M	39	2480	1.0312
BLE 2M	0	2402	2.0456
BLE 2M	19	2440	2.0436
BLE 2M	39	2480	2.0568

Test Graphs





BLE 1M_Channel 39



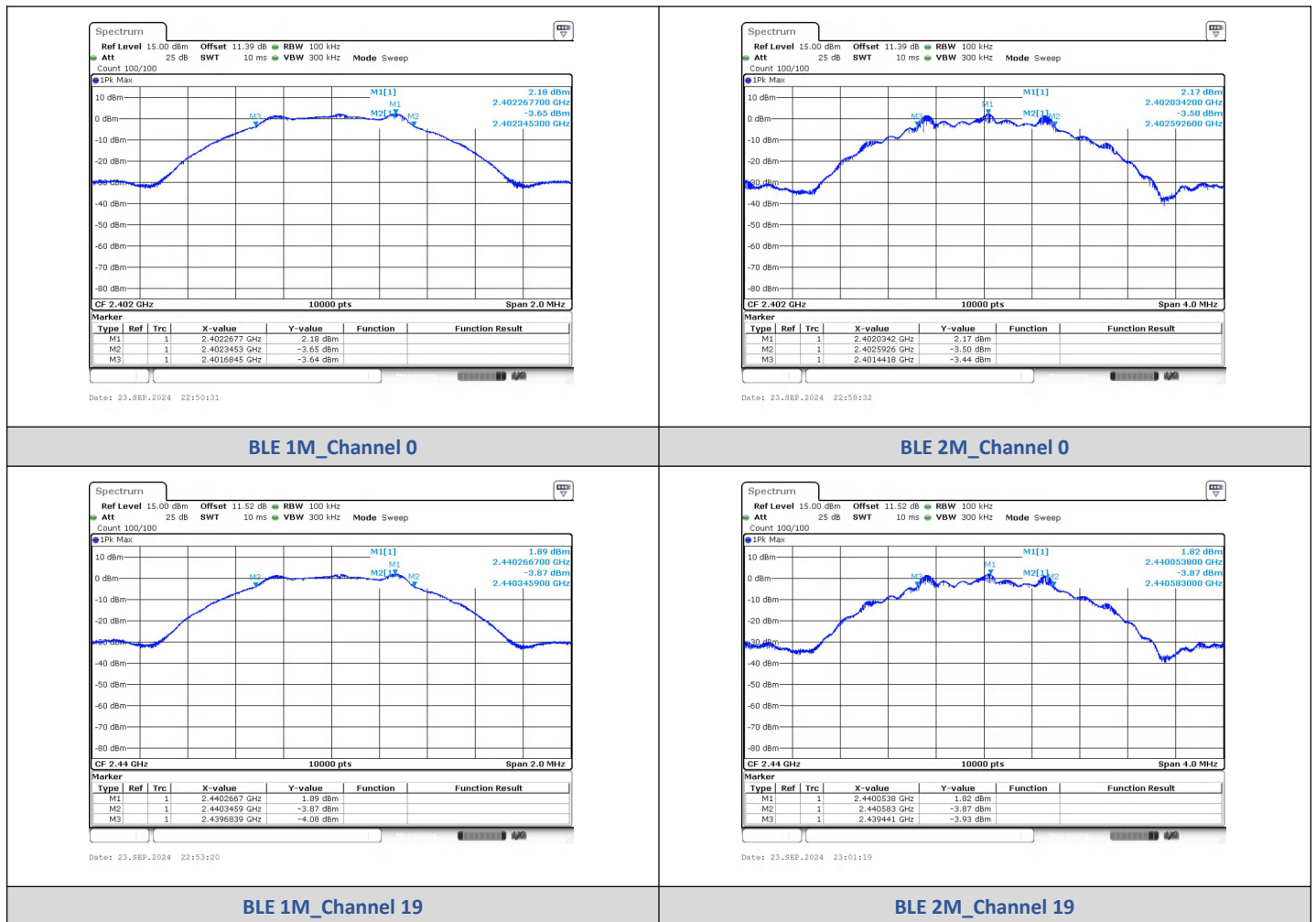
BLE 2M_Channel 39

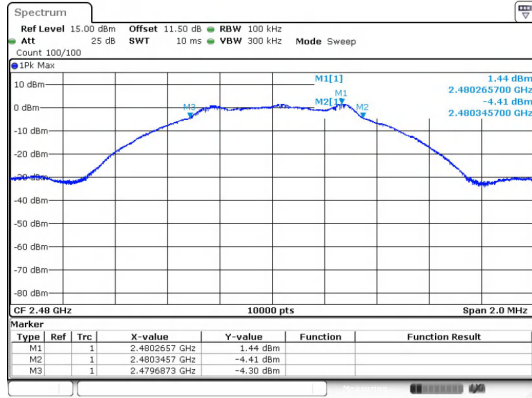
3) 6dB Bandwidth

Test Result

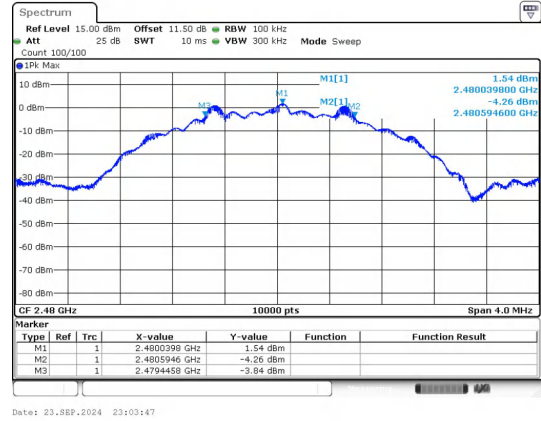
Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6700	≥0.5	PASS
	19	2440	0.6700		PASS
	39	2480	0.6600		PASS
BLE 2M	0	2402	1.150		PASS
	19	2440	1.140		PASS
	39	2480	1.140		PASS

Test Graphs





BLE 1M_Channel 39



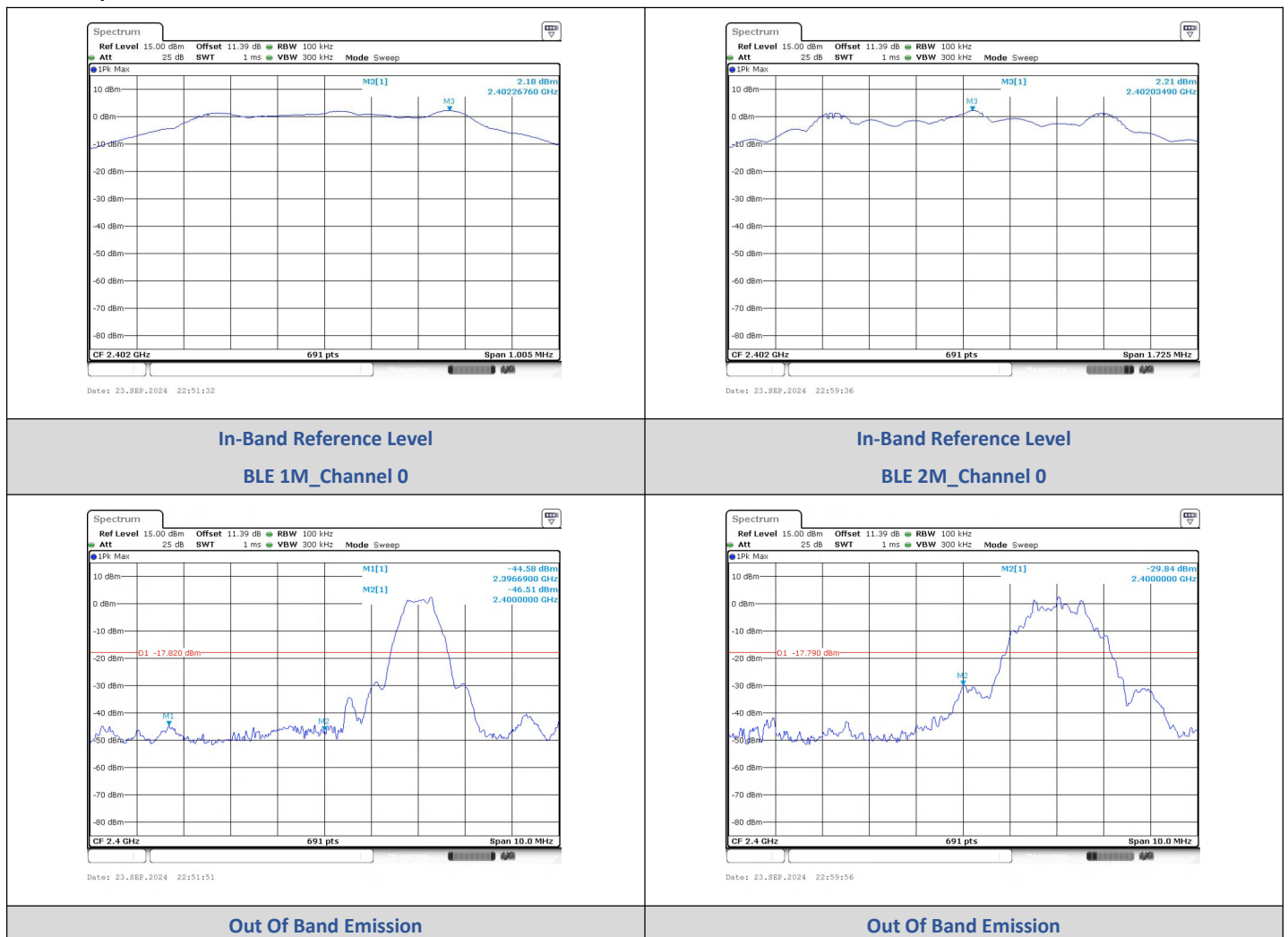
BLE 2M_Channel 39

4) Conducted Out Of Band Emission

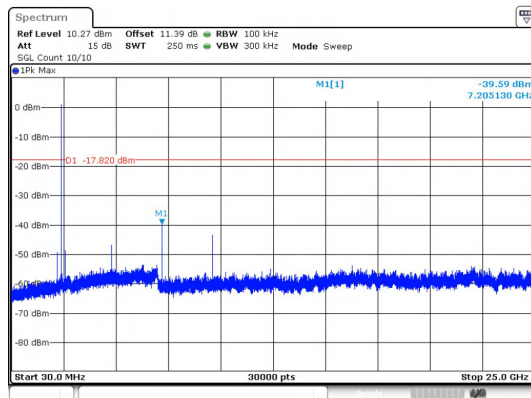
Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2396.69	-44.584	-17.82	-26.764	PASS
		2400.00	-46.508	-17.82	-28.688	PASS
		7205.10	-39.587	-17.82	-21.767	PASS
	19	9753.73	-39.523	-18.08	-21.443	PASS
		2483.50	-46.096	-18.54	-27.556	PASS
		9914.37	-38.843	-18.54	-20.303	PASS
BLE 2M	0	2400.00	-29.836	-17.79	-12.046	PASS
		7207.63	-42.323	-17.79	-24.533	PASS
	19	9753.73	-39.815	-17.95	-21.865	PASS
		2483.50	-49.908	-18.43	-31.478	PASS
	39	9914.37	-38.477	-18.43	-20.047	PASS

Test Graphs

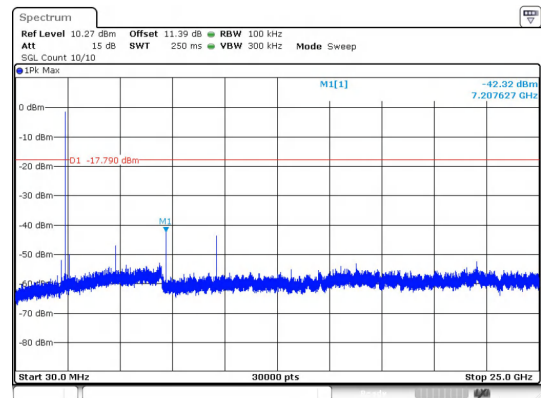


BLE 1M_Channel 0



Date: 23.SEP.2024 22:52:13

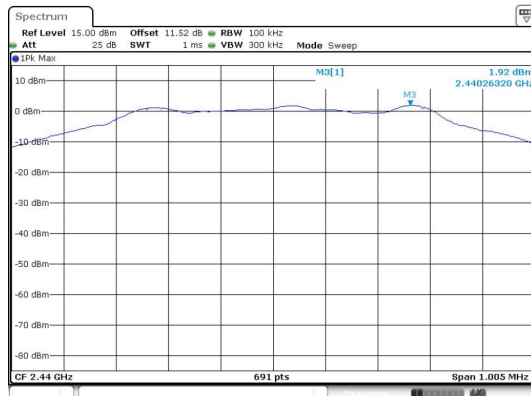
BLE 2M_Channel 0



Date: 23.SEP.2024 23:00:18

30.0 MHz - 25000.0 MHz

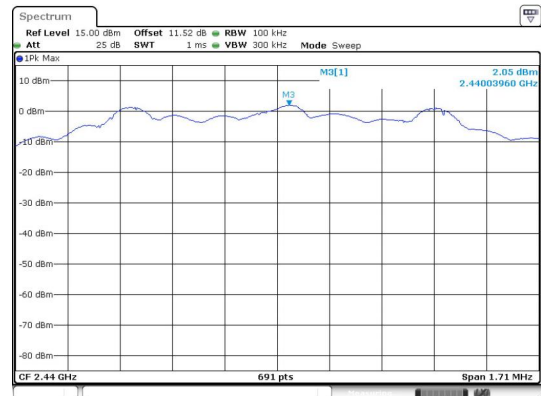
BLE 1M_Channel 0



Date: 23.SEP.2024 22:54:21

30.0 MHz - 25000.0 MHz

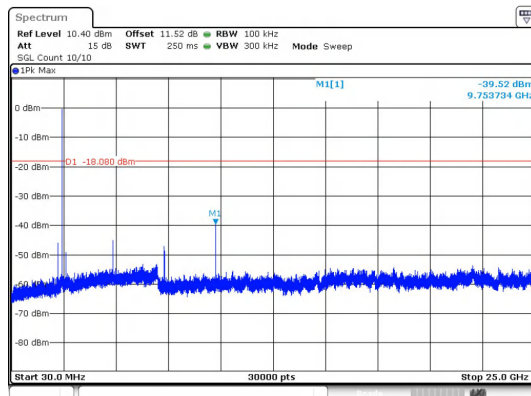
BLE 2M_Channel 0



Date: 23.SEP.2024 23:02:23

In-Band Reference Level

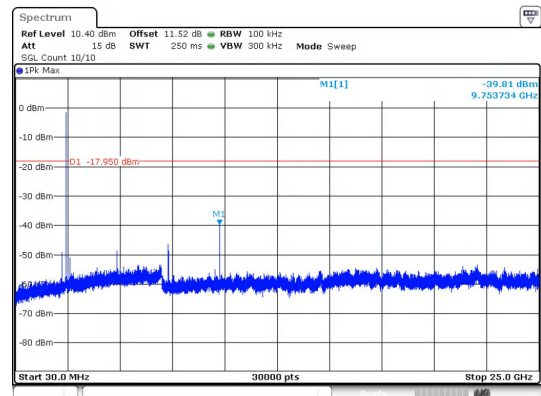
BLE 1M_Channel 19



Date: 23.SEP.2024 22:54:45

In-Band Reference Level

BLE 2M_Channel 19



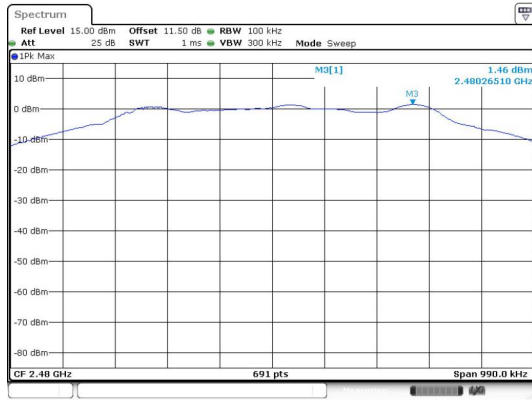
Date: 23.SEP.2024 23:02:47

30.0 MHz - 25000.0 MHz

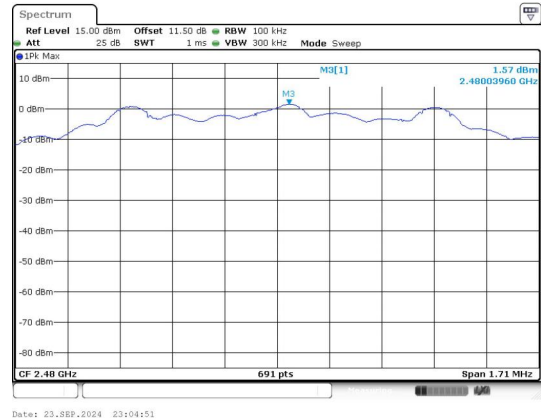
BLE 1M_Channel 19

30.0 MHz - 25000.0 MHz

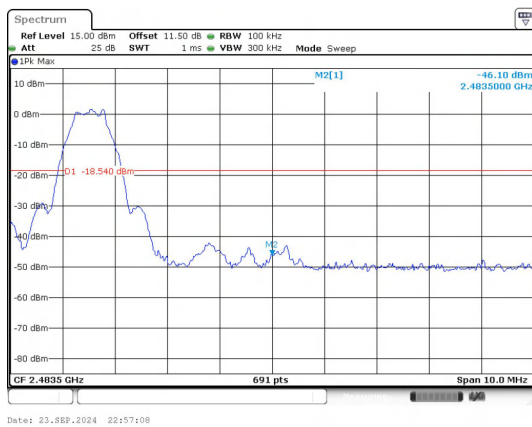
BLE 2M_Channel 19



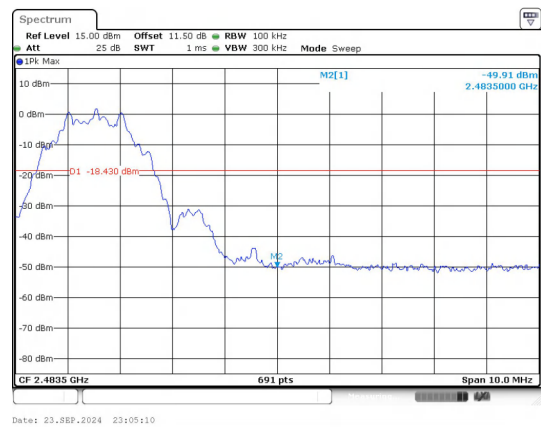
**In-Band Reference Level
BLE 1M_Channel 39**



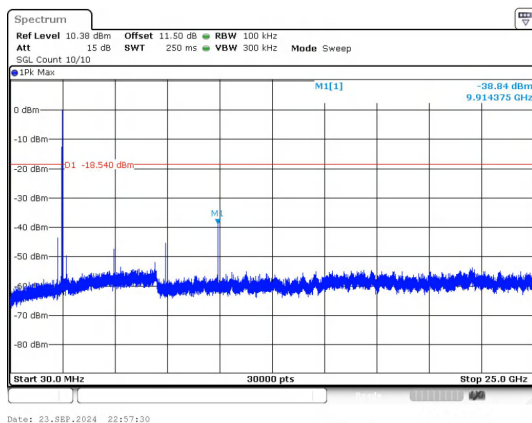
**In-Band Reference Level
BLE 2M_Channel 39**



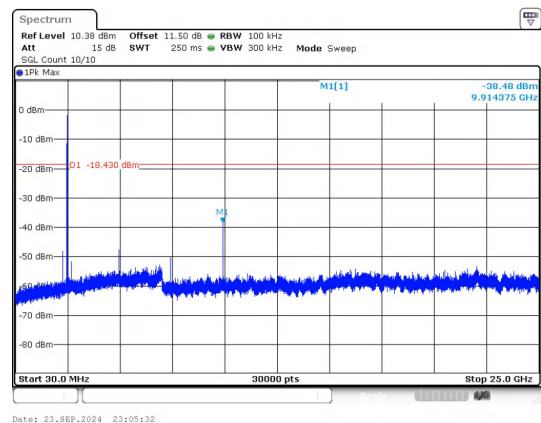
**Out Of Band Emission
BLE 1M_Channel 39**



**Out Of Band Emission
BLE 2M_Channel 39**



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



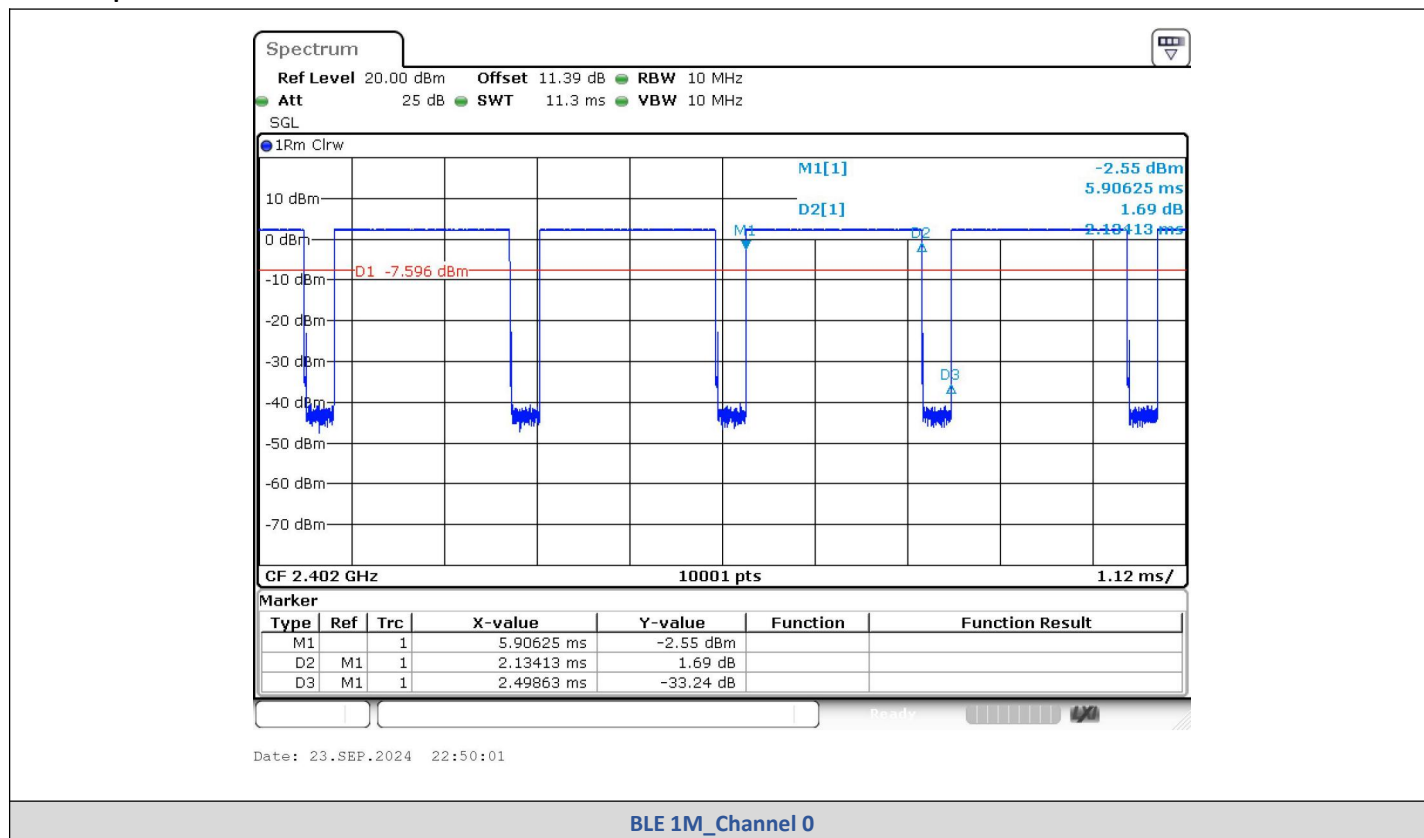
**30.0 MHz - 25000.0 MHz
BLE 2M_Channel 39**

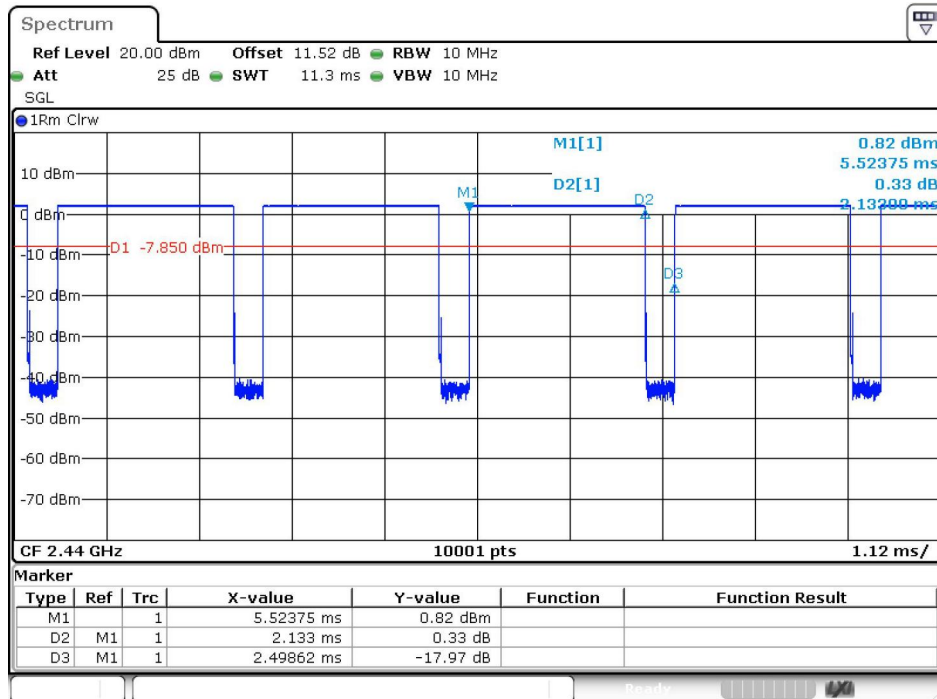
5) Duty Cycle

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	2.134	2.499	85.41	0.8541	0.6849	0.47
	19	2.133	2.499	85.37	0.8537	0.6869	0.47
	39	2.134	2.499	85.41	0.8541	0.6849	0.47
BLE 2M	0	1.081	2.499	43.27	0.4327	3.6381	0.93
	19	1.082	2.499	43.31	0.4331	3.6341	0.92
	39	1.081	2.499	43.27	0.4327	3.6381	0.93

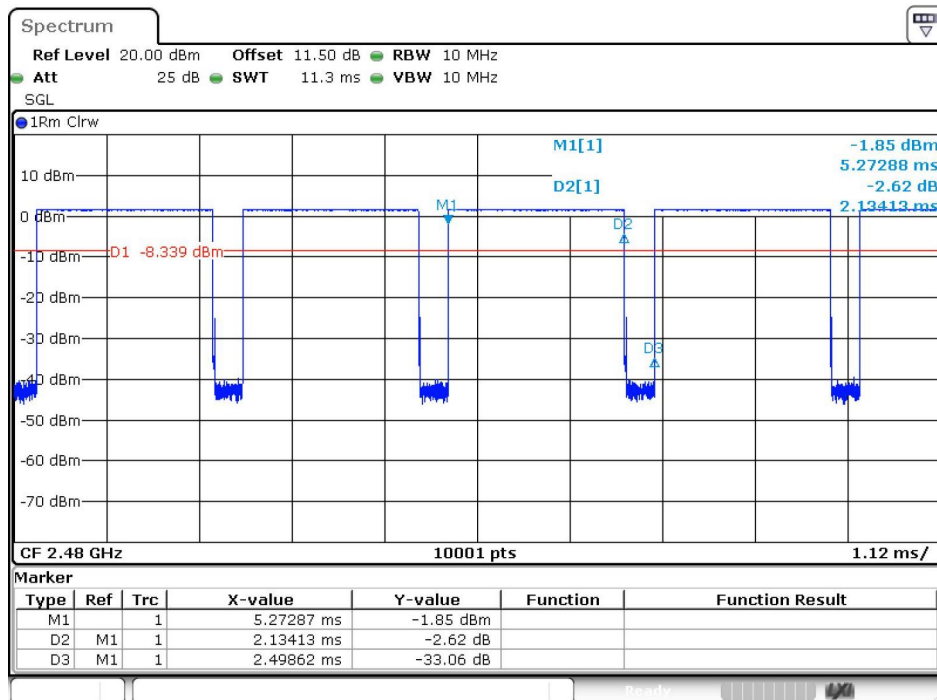
Test Graphs





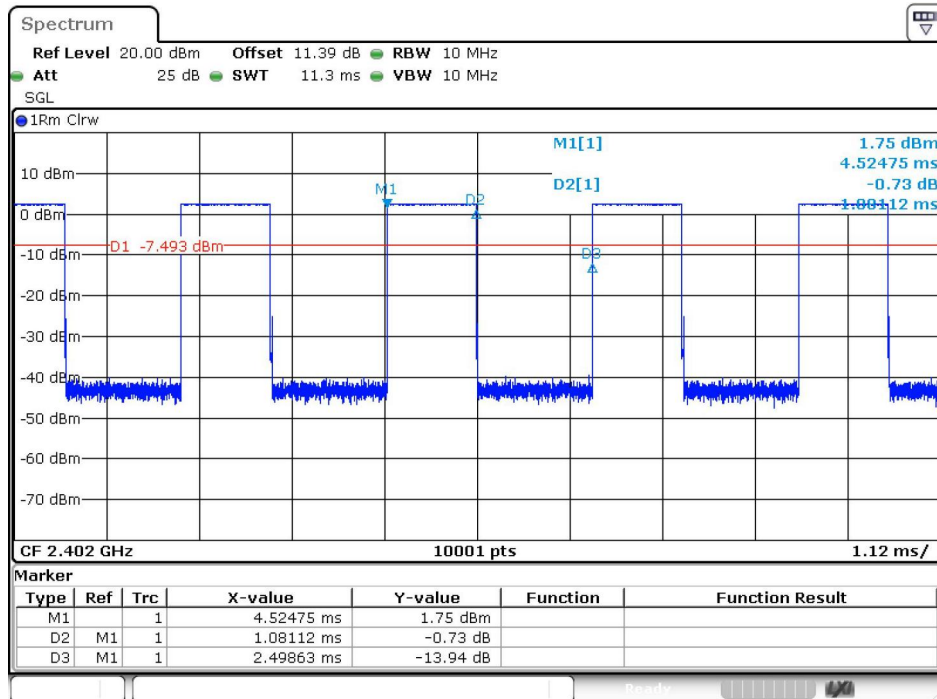
Date: 23.SEP.2024 22:52:50

BLE 1M_Channel 19



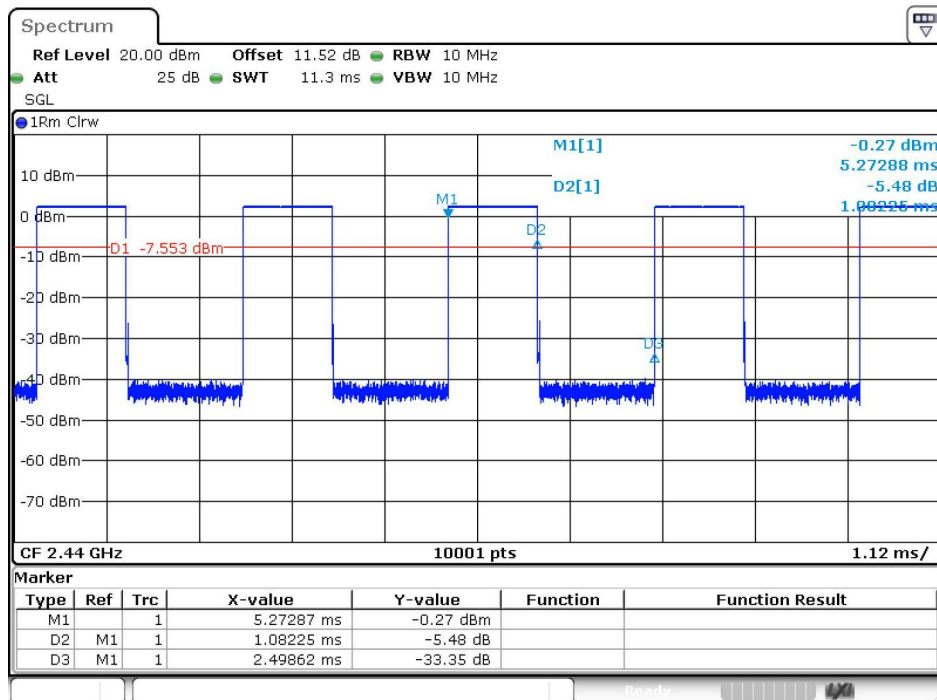
Date: 23.SEP.2024 22:55:19

BLE 1M_Channel 39



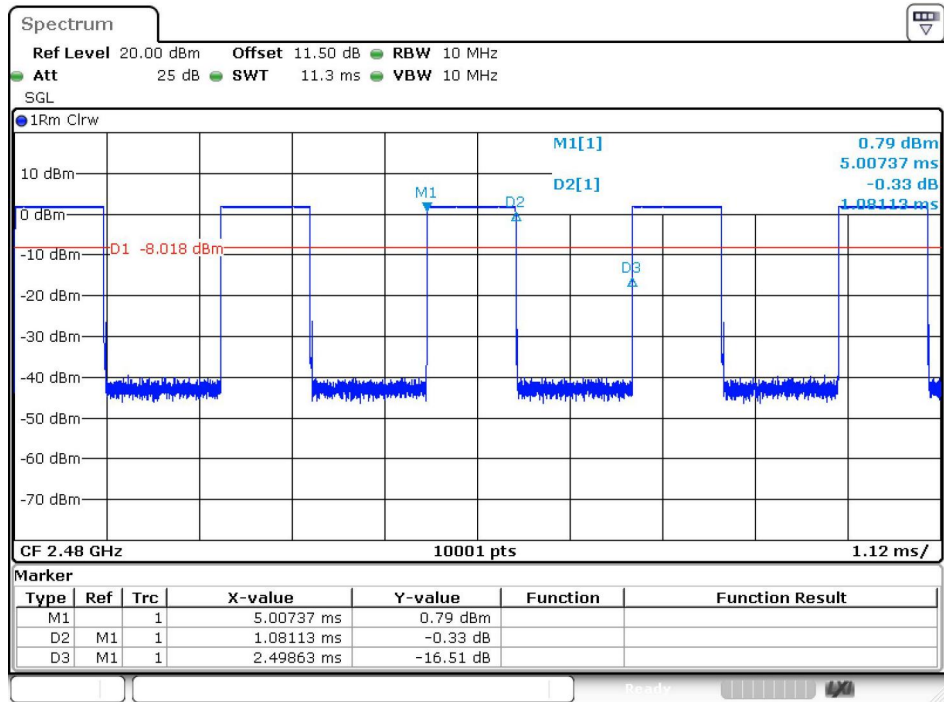
Date: 23.SEP.2024 22:58:02

BLE 2M_Channel 0



Date: 23.SEP.2024 23:00:49

BLE 2M_Channel 19



Date: 23.SEP.2024 23:03:16

BLE 2M_Channel 39

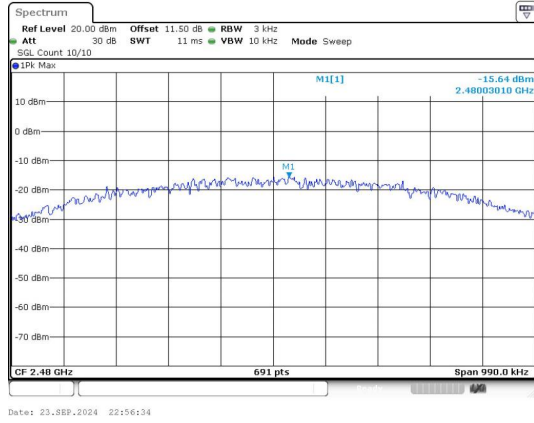
6) Power Spectral Density

Test Result

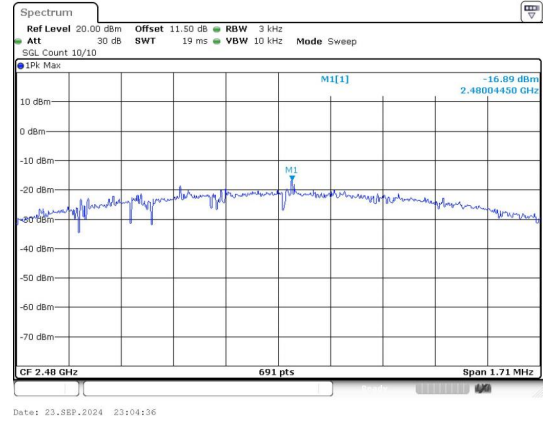
Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-14.82	≤8	PASS
BLE 1M	19	-14.82	≤8	PASS
BLE 1M	39	-15.64	≤8	PASS
BLE 2M	0	-16.61	≤8	PASS
BLE 2M	19	-18.39	≤8	PASS
BLE 2M	39	-16.89	≤8	PASS

Test Graphs





BLE 1M_Channel 39



BLE 2M_Channel 39