

Appendix A

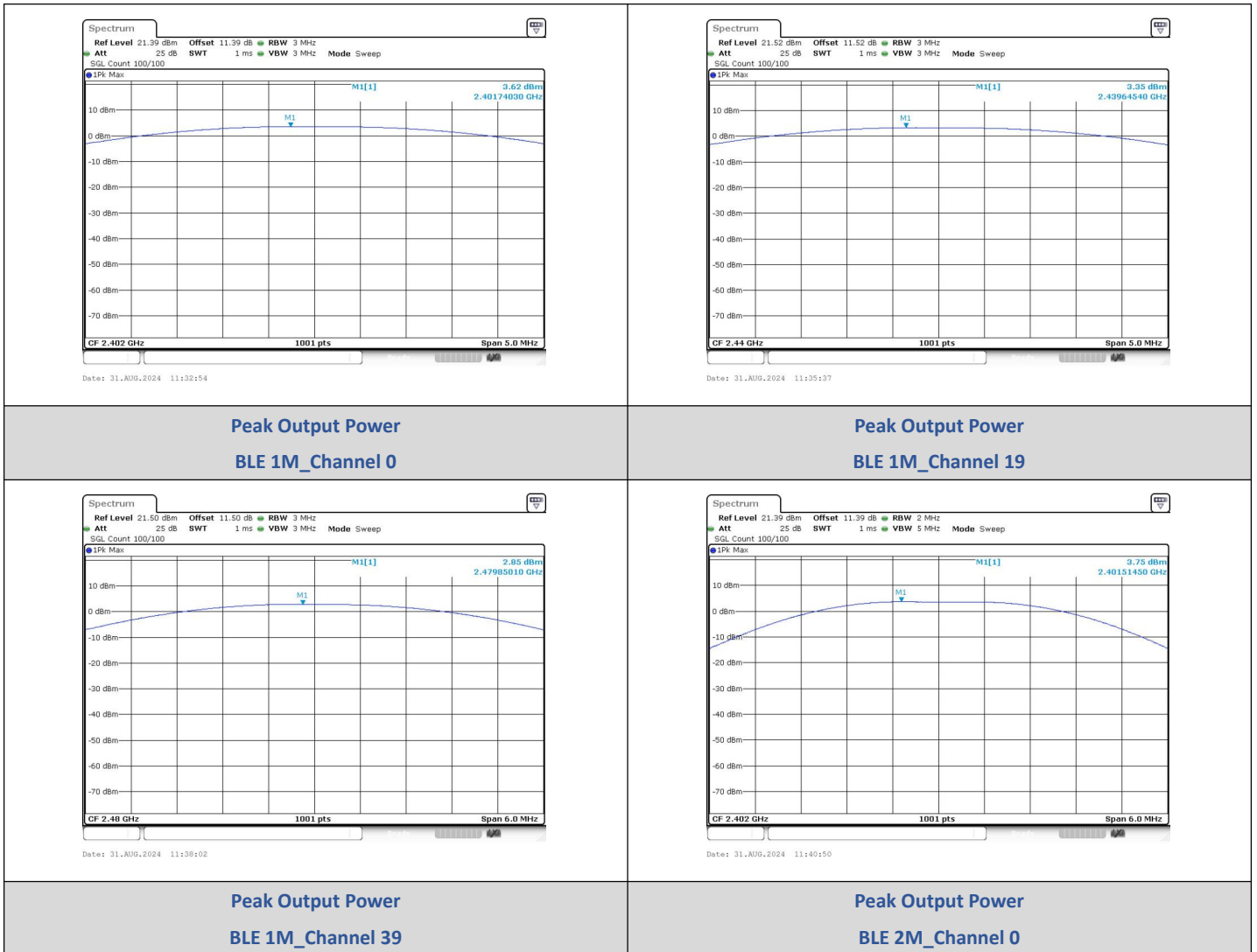
Report No.:	CISRR24083021901
FCC ID:	2BDQB-HS-630
Product Name:	Bluetooth headset
Model No.:	H&S V630
Test Engineer:	Jimmy Huang
Supervised by:	Rory Huang

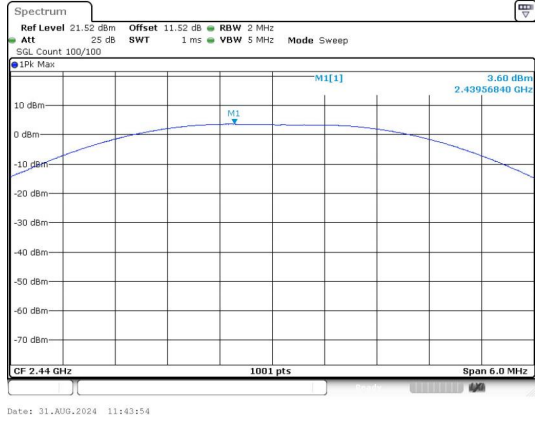
1) Conducted Output Power

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	3.62	2.3	≤30	PASS
	19	3.35	2.16	≤30	PASS
	39	2.85	1.93	≤30	PASS
BLE 2M	0	3.74	2.37	≤30	PASS
	19	3.60	2.29	≤30	PASS
	39	3.09	2.04	≤30	PASS

Test Graphs





Peak Output Power
BLE 2M_Channel 19



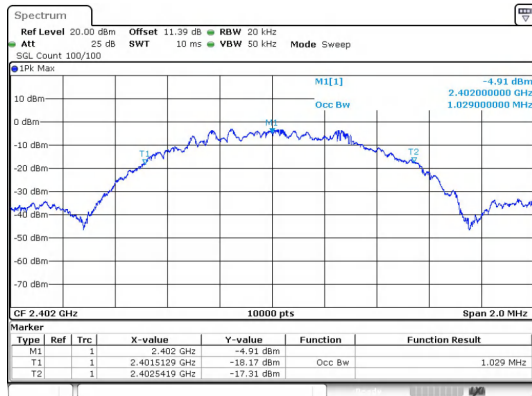
Peak Output Power
BLE 2M_Channel 39

2) 99% Bandwidth

Test Result

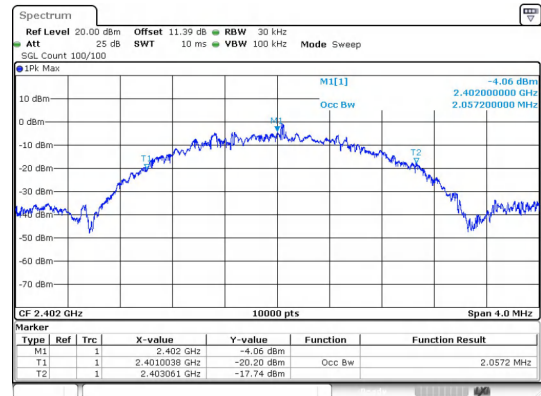
Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0290
BLE 1M	19	2440	1.0328
BLE 1M	39	2480	1.0326
BLE 2M	0	2402	2.0572
BLE 2M	19	2440	2.0504
BLE 2M	39	2480	2.0552

Test Graphs



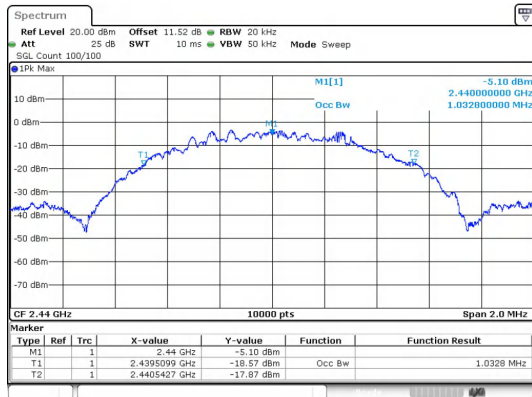
Date: 31.AUG.2024 11:32:26

BLE 1M_Channel 0



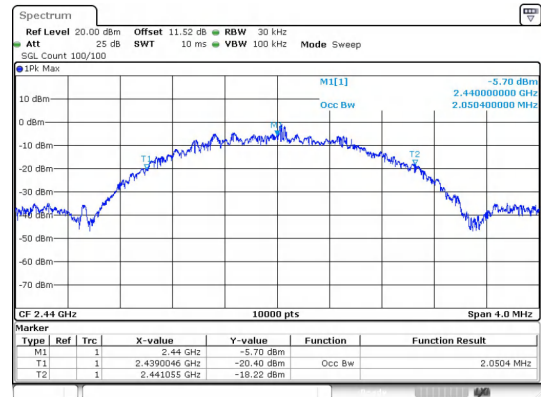
Date: 31.AUG.2024 11:40:21

BLE 2M_Channel 0



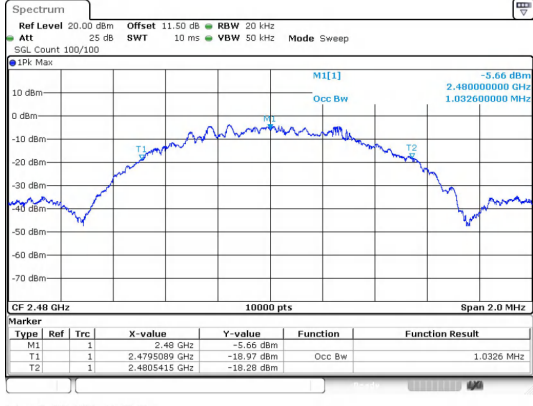
Date: 31.AUG.2024 11:35:08

BLE 1M_Channel 19

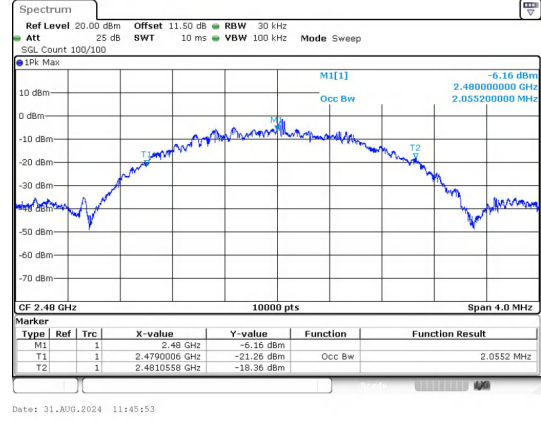


Date: 31.AUG.2024 11:43:26

BLE 2M_Channel 19



BLE 1M_Channel 39



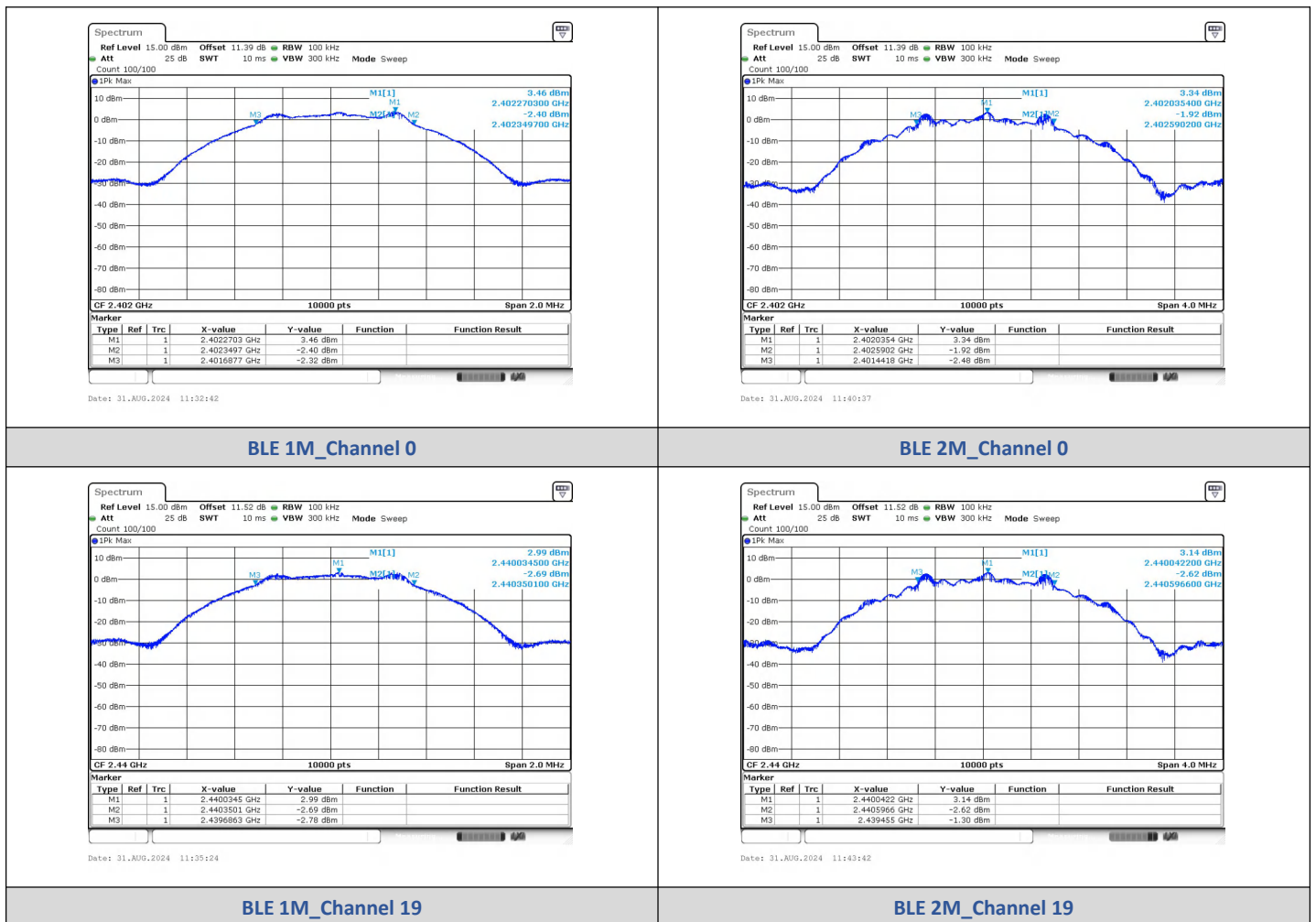
BLE 2M_Channel 39

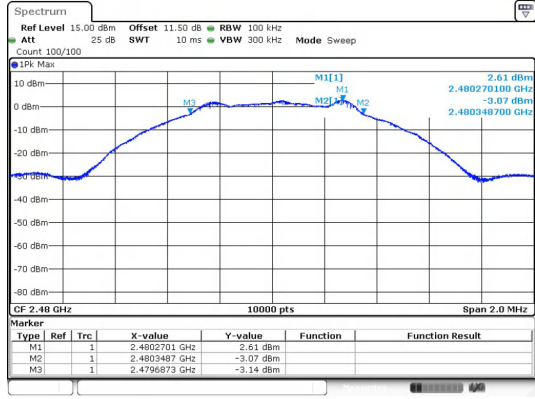
3) 6dB Bandwidth

Test Result

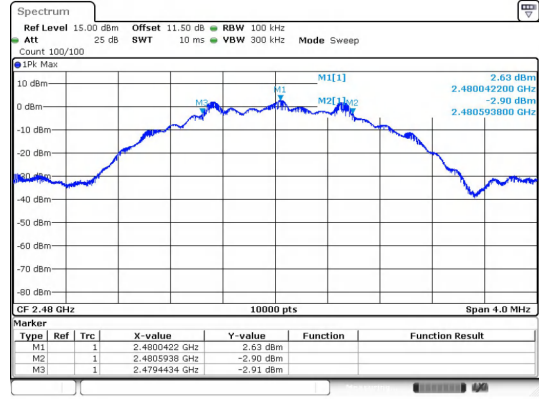
Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6600	≥0.5	PASS
	19	2440	0.6600		PASS
	39	2480	0.6600		PASS
BLE 2M	0	2402	1.150		PASS
	19	2440	1.150		PASS
	39	2480	1.150		PASS

Test Graphs





BLE 1M_Channel 39



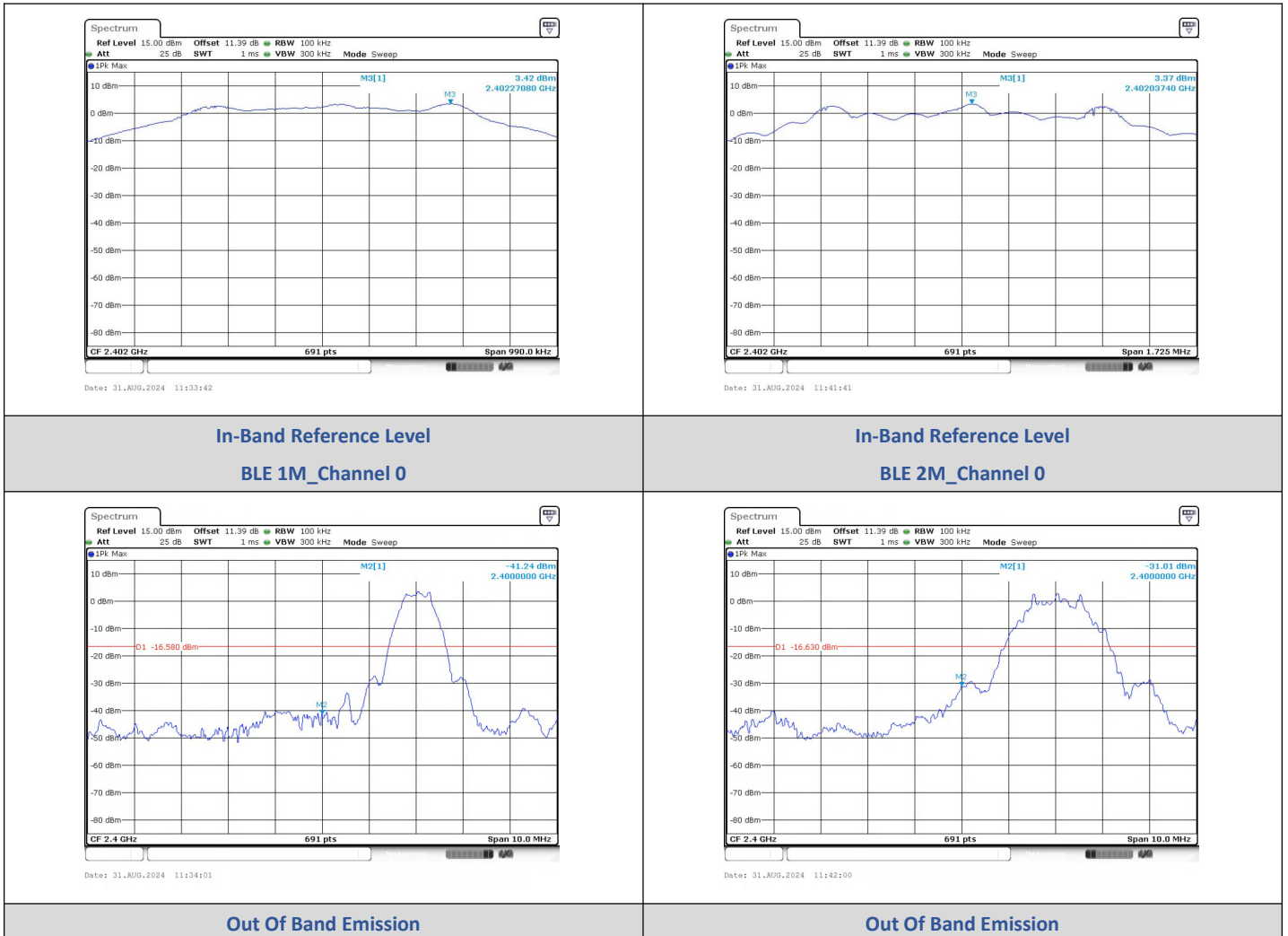
BLE 2M_Channel 39

4) Conducted Out Of Band Emission

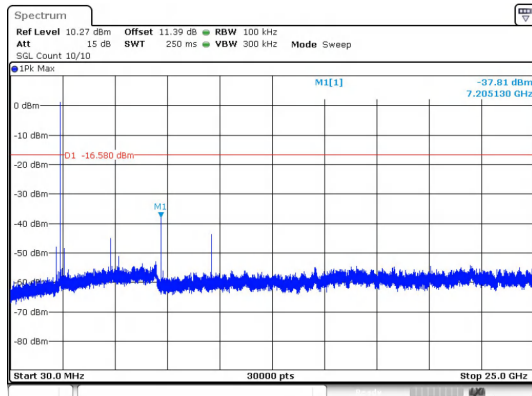
Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2399.00	-40.352	-16.58	-23.772	PASS
		2400.00	-41.245	-16.58	-24.665	PASS
		7205.10	-37.806	-16.58	-21.226	PASS
	19	9753.73	-39.708	-16.9	-22.808	PASS
		39	2483.50	-45.207	-17.41	-27.797
BLE 2M	0	2400.00	-31.009	-16.63	-14.379	PASS
		7204.30	-41.465	-16.63	-24.835	PASS
	19	9753.73	-39.447	-16.84	-22.607	PASS
	39	2483.50	-49.730	-17.38	-32.350	PASS
		9914.37	-38.091	-17.38	-20.711	PASS

Test Graphs

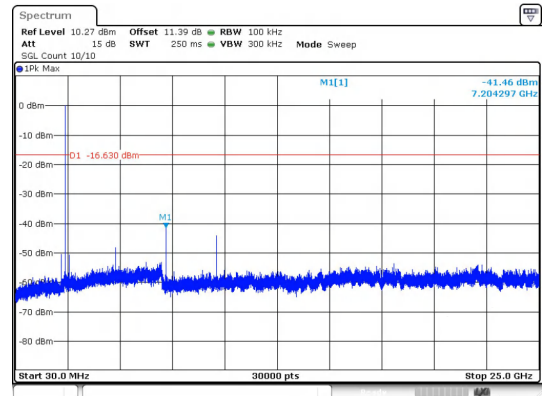


BLE 1M_Channel 0



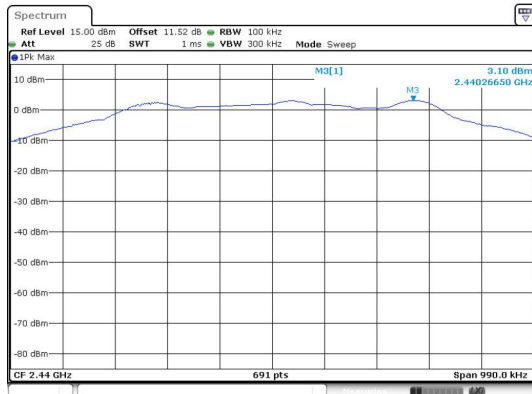
Date: 31.AUG.2024 11:34:23

BLE 2M_Channel 0



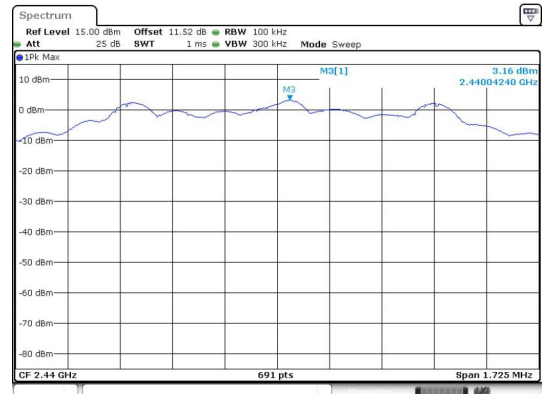
Date: 31.AUG.2024 11:42:22

**30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0**



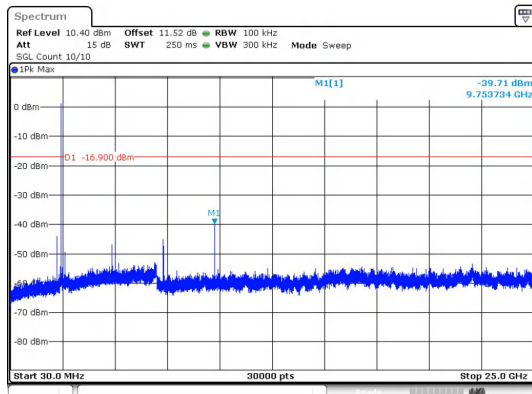
Date: 31.AUG.2024 11:36:24

**30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0**



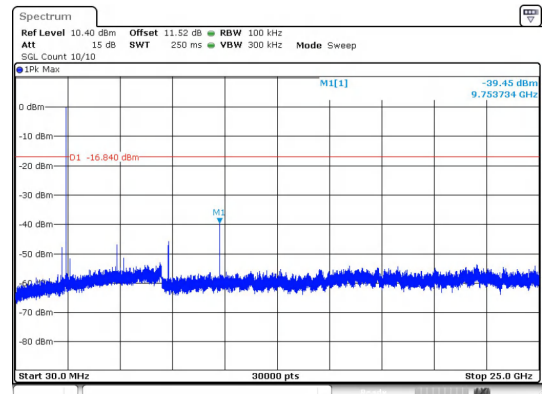
Date: 31.AUG.2024 11:44:46

**In-Band Reference Level
BLE 1M_Channel 19**



Date: 31.AUG.2024 11:36:49

**In-Band Reference Level
BLE 2M_Channel 19**



Date: 31.AUG.2024 11:45:10

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

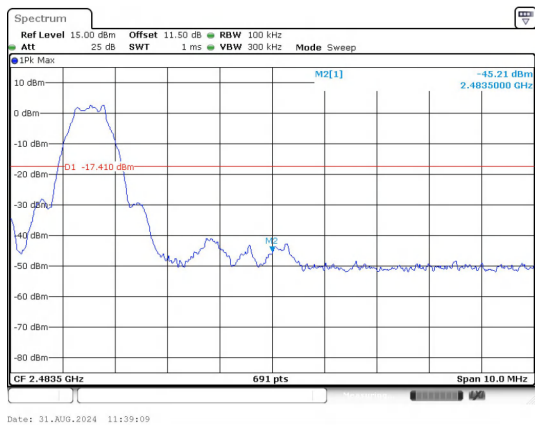
**30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19**



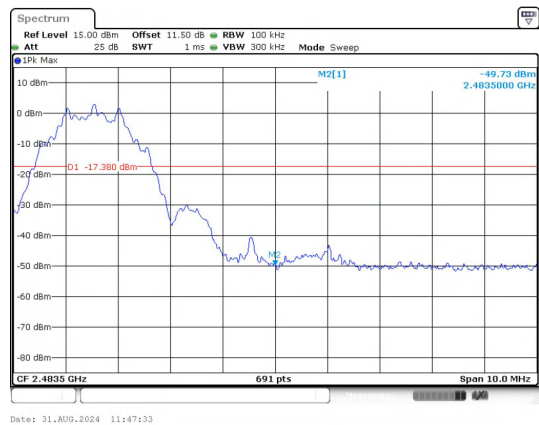
**In-Band Reference Level
BLE 1M_Channel 39**



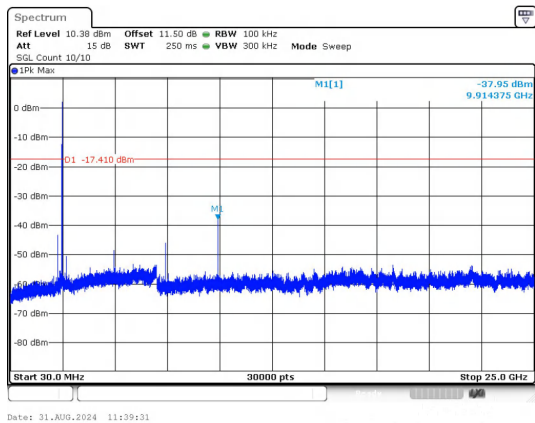
**In-Band Reference Level
BLE 2M_Channel 39**



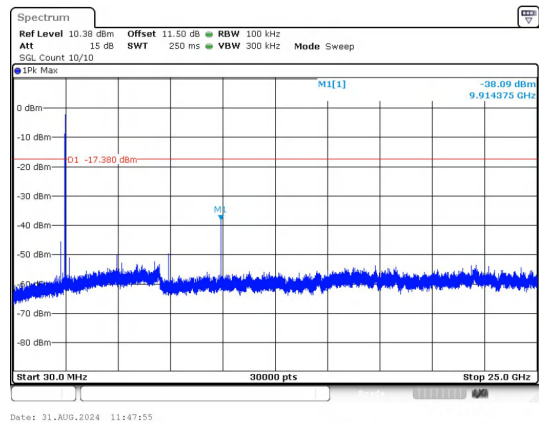
**Out Of Band Emission
BLE 1M_Channel 39**



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



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



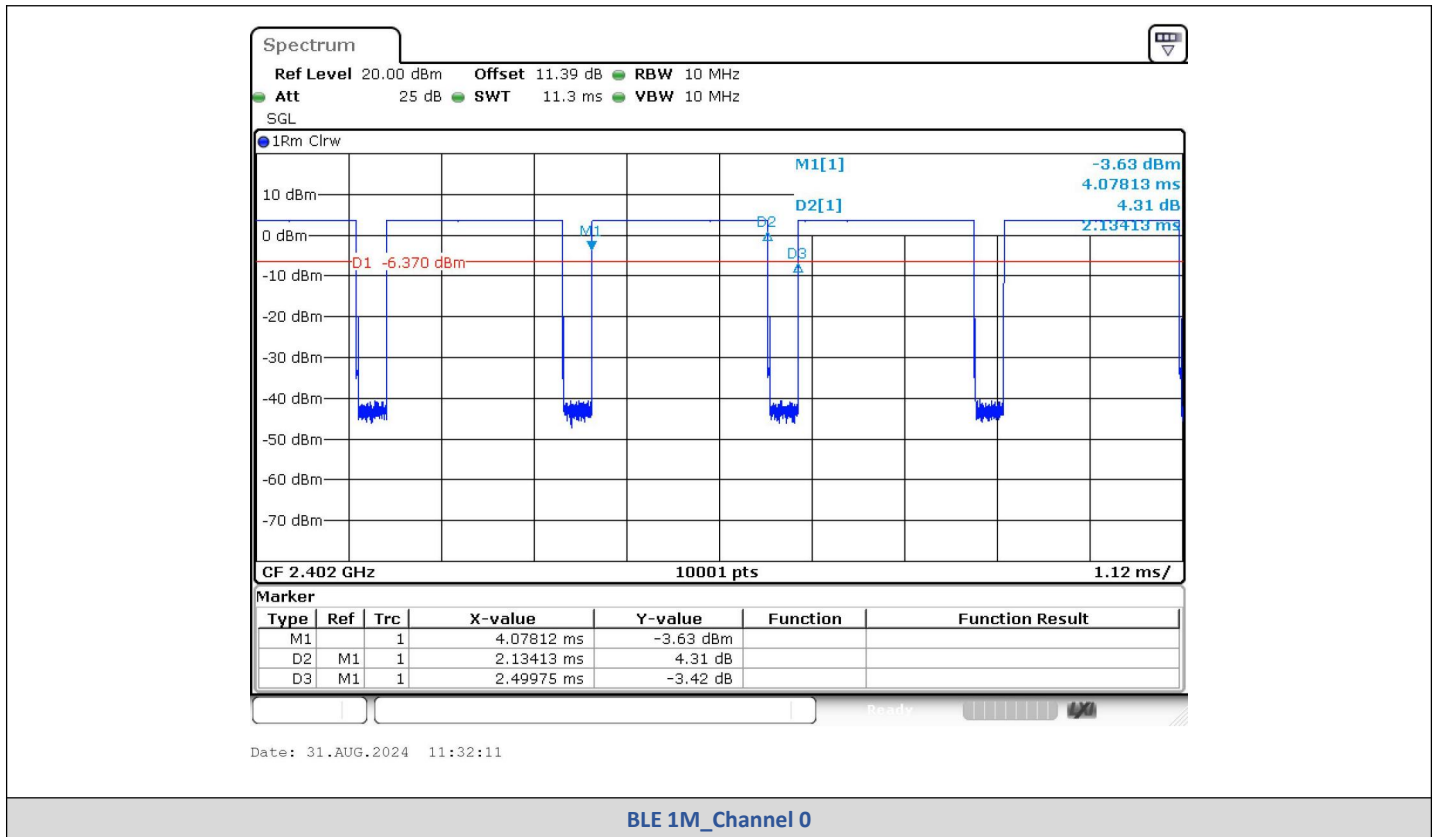
**30.0 MHz - 25000.0 MHz
BLE 2M_Channel 39**

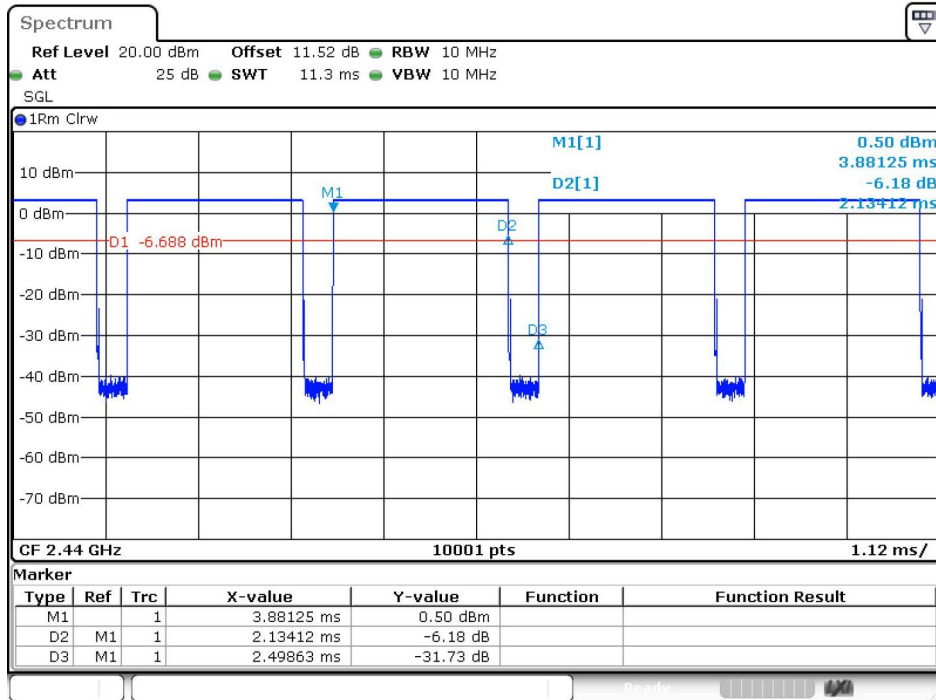
5) Duty Cycle

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	2.500	85.37	0.8537	0.6869	0.47
	19	2.134	2.499	85.41	0.8541	0.6849	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	1.081	2.499	43.27	0.4327	3.6381	0.93
	39	1.082	2.499	43.31	0.4331	3.6341	0.92

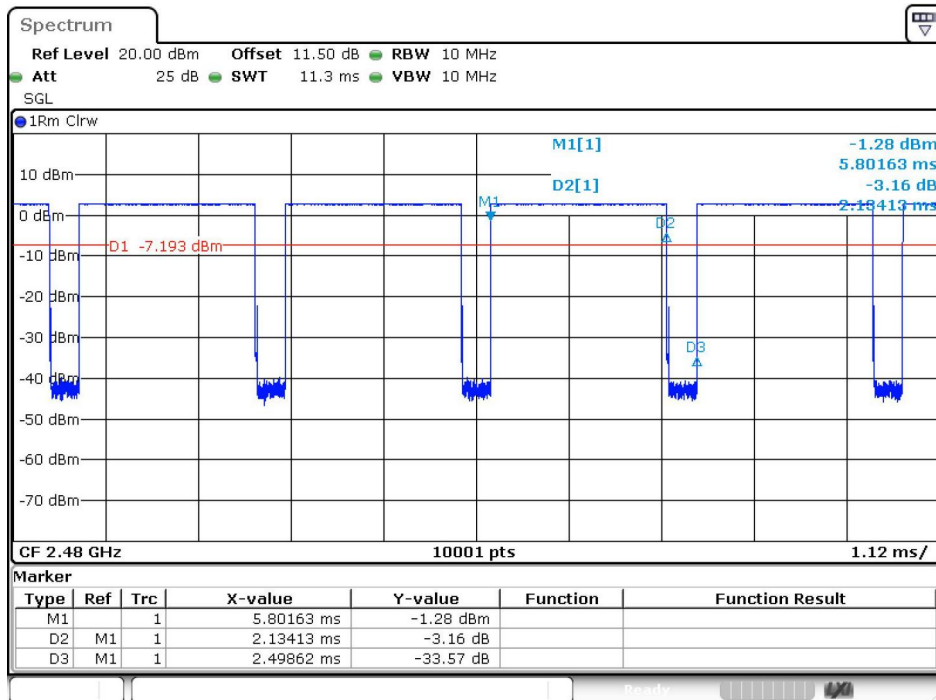
Test Graphs





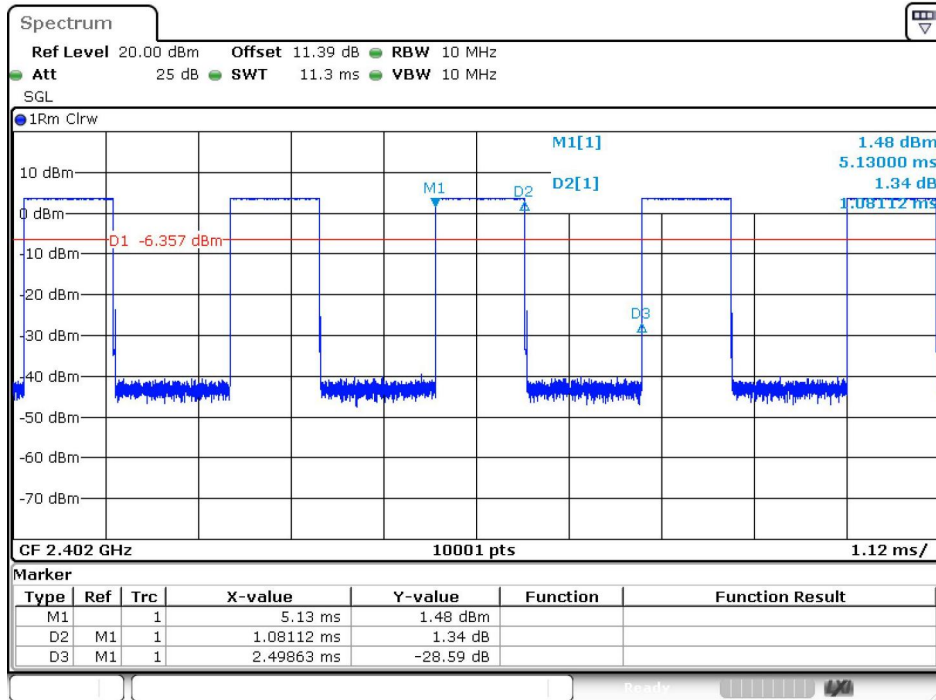
Date: 31.AUG.2024 11:34:54

BLE 1M_Channel 19



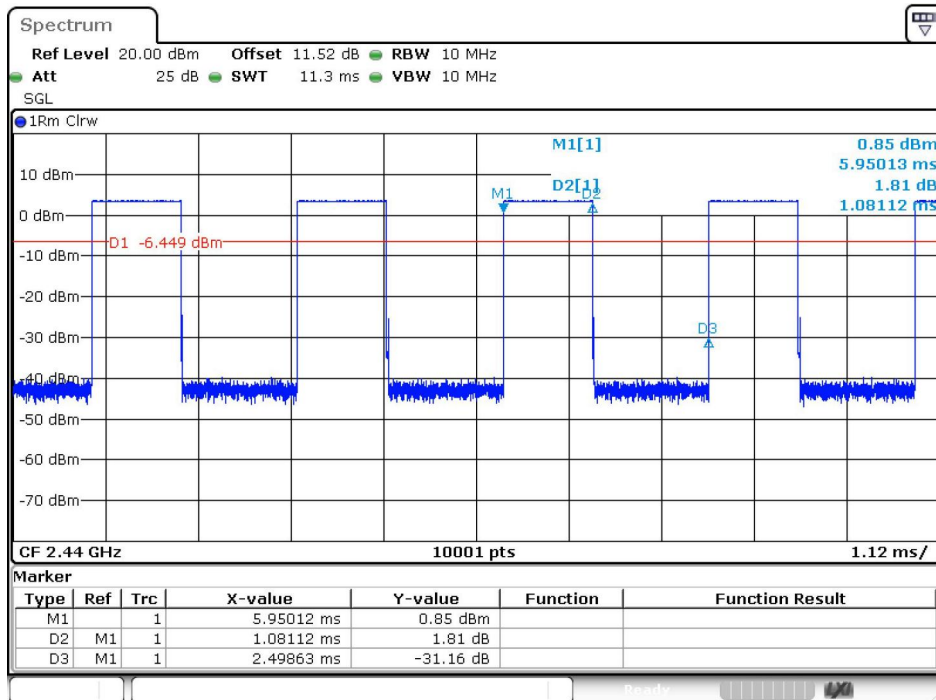
Date: 31.AUG.2024 11:37:19

BLE 1M_Channel 39



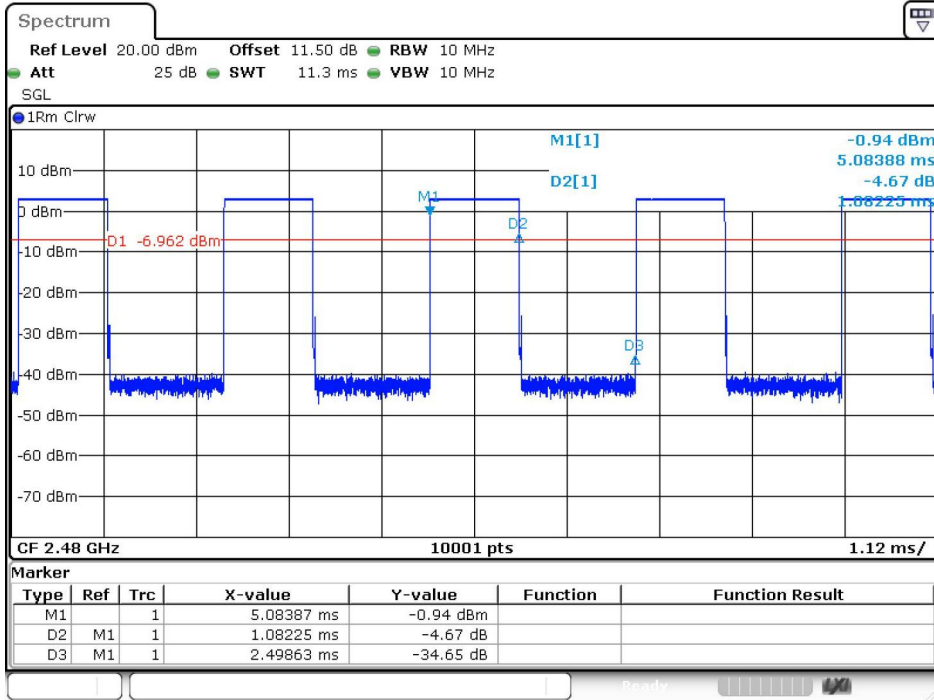
Date: 31.AUG.2024 11:40:07

BLE 2M_Channel 0



Date: 31.AUG.2024 11:43:11

BLE 2M_Channel 19



Date: 31.AUG.2024 11:45:39

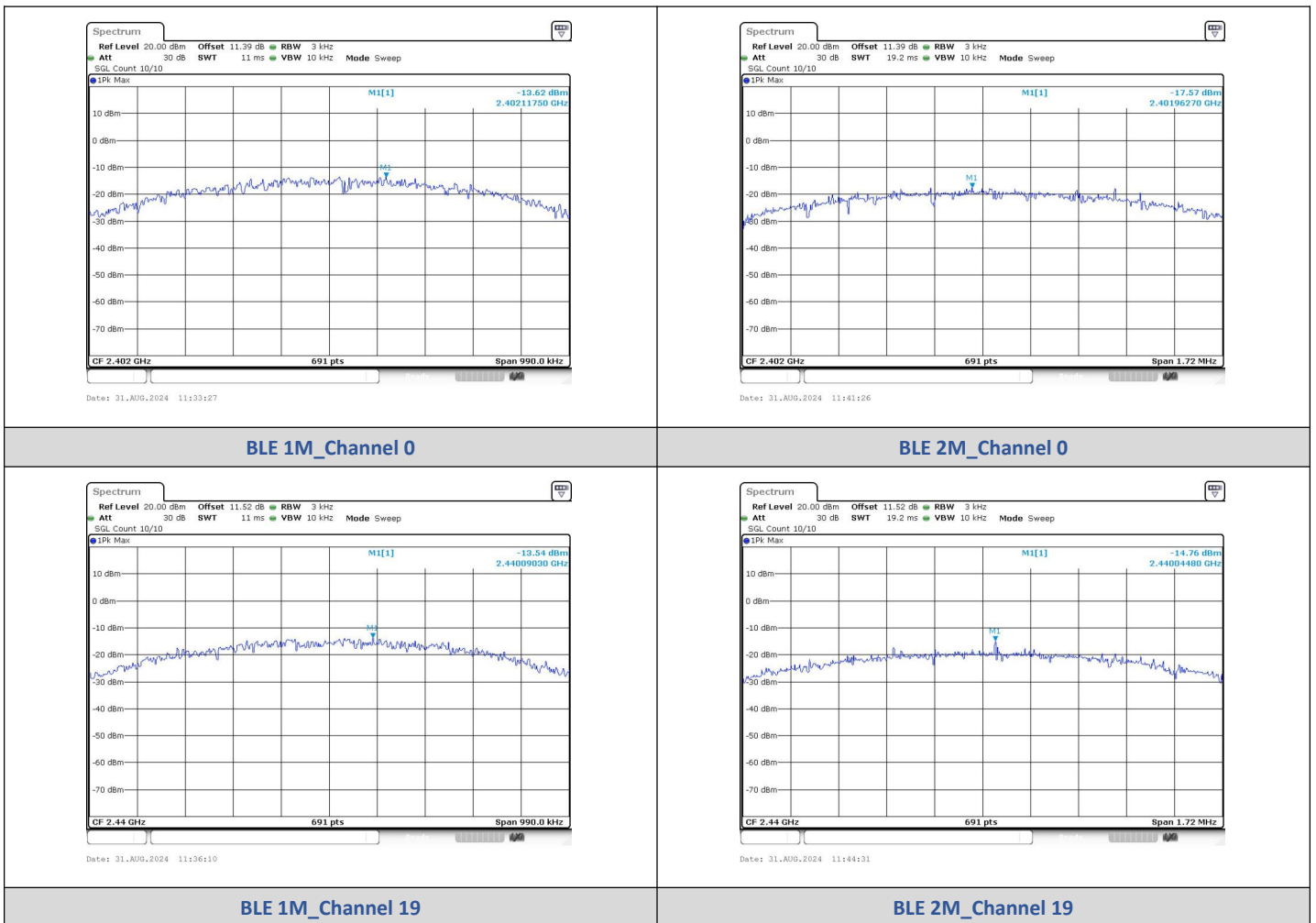
BLE 2M_Channel 39

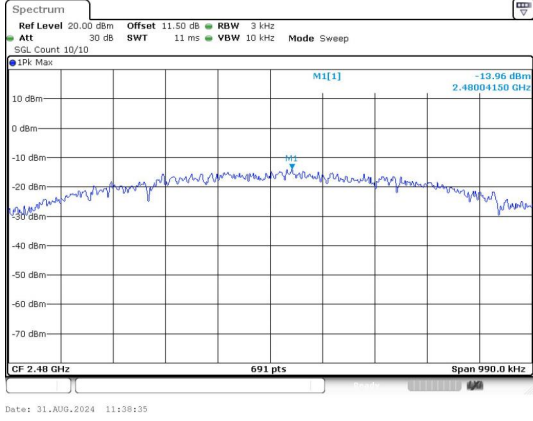
6) Power Spectral Density

Test Result

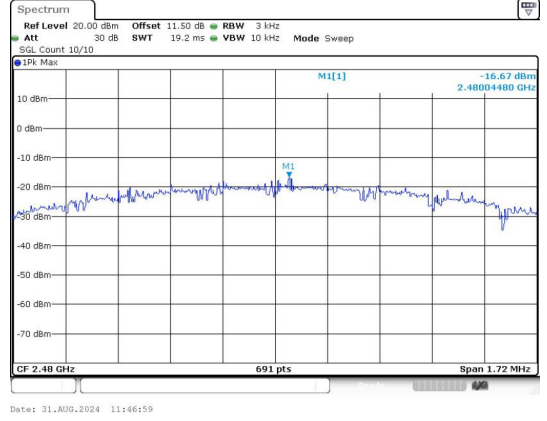
Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-13.623	≤8	PASS
BLE 1M	19	-13.540	≤8	PASS
BLE 1M	39	-13.963	≤8	PASS
BLE 2M	0	-17.570	≤8	PASS
BLE 2M	19	-14.756	≤8	PASS
BLE 2M	39	-16.667	≤8	PASS

Test Graphs





BLE 1M_Channel 39



BLE 2M_Channel 39