

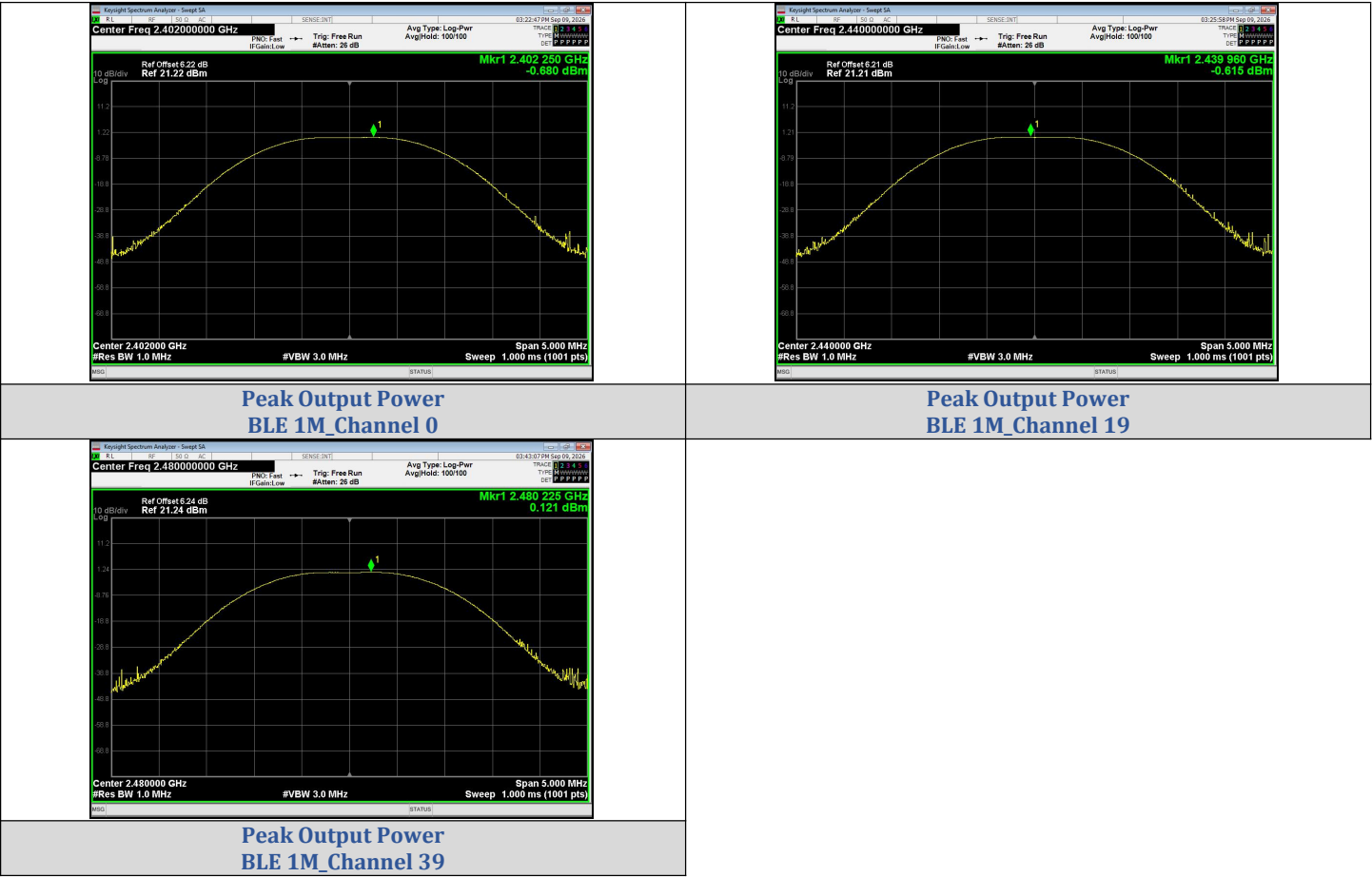
Appendix A:Test Results of Bluetooth BLE

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	-0.680	0.86	None	≤30	PASS
	19	-0.615	0.87	None	≤30	PASS
	39	0.121	1.03	None	≤30	PASS

Test Graphs



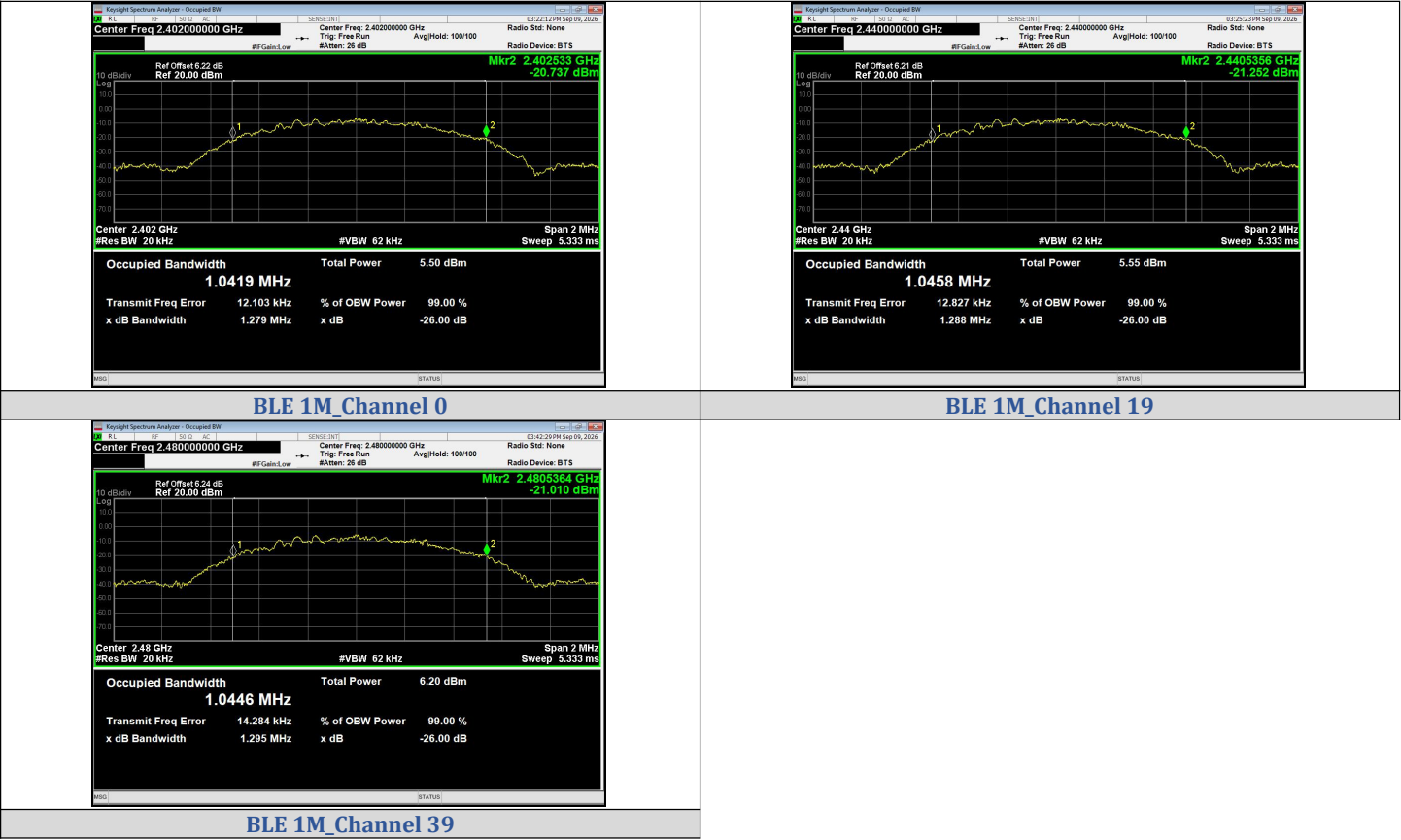
FCC ID2BX89-KISS

99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.04
BLE 1M	19	2440	1.05
BLE 1M	39	2480	1.04

Test Graphs



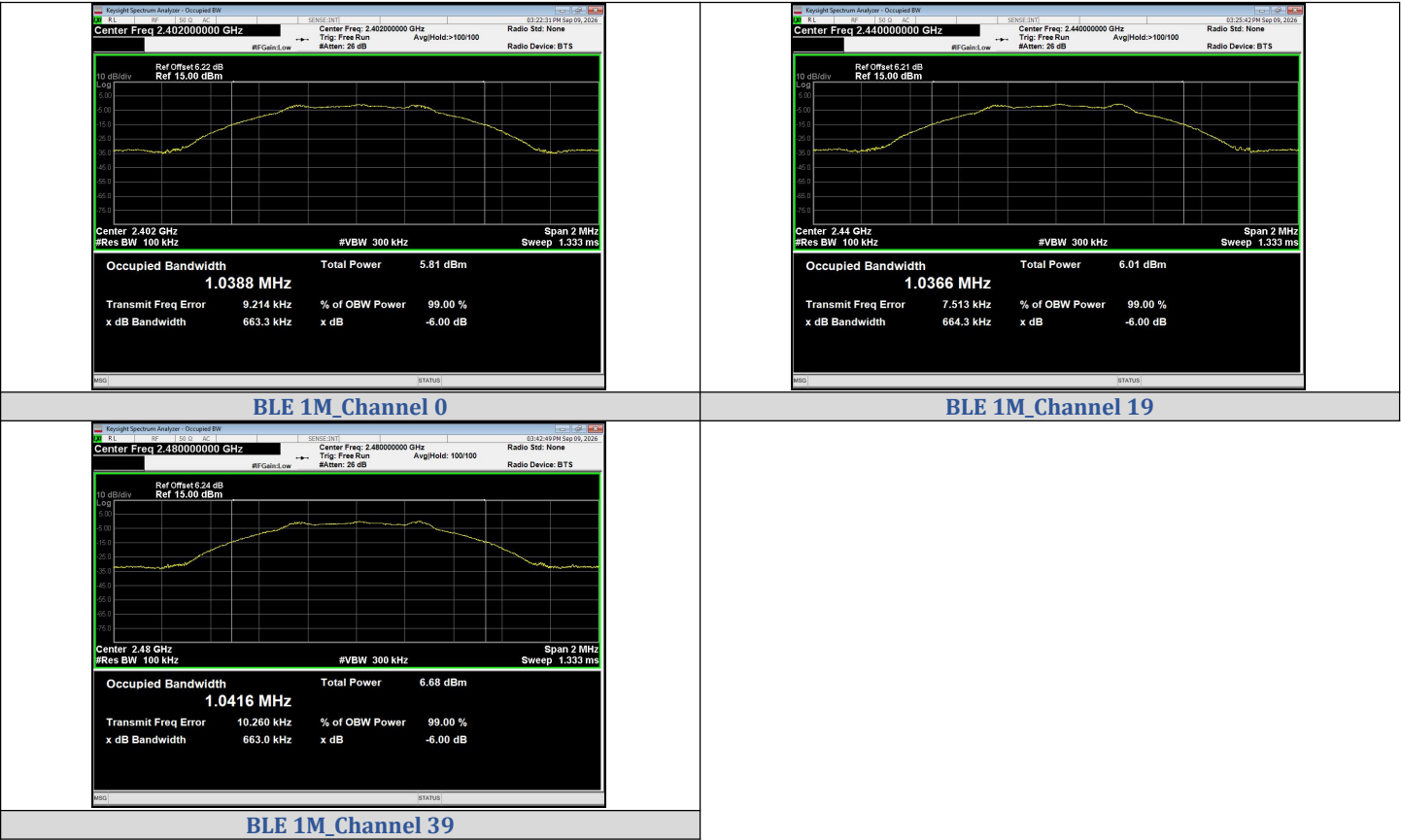
FCC ID2BX89-KISS

6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Verdict
BLE 1M	0	2402	0.6633	≥0.5	PASS
	19	2440	0.6643		PASS
	39	2480	0.6630		PASS

Test Graphs



FCC ID2BX89-KISS

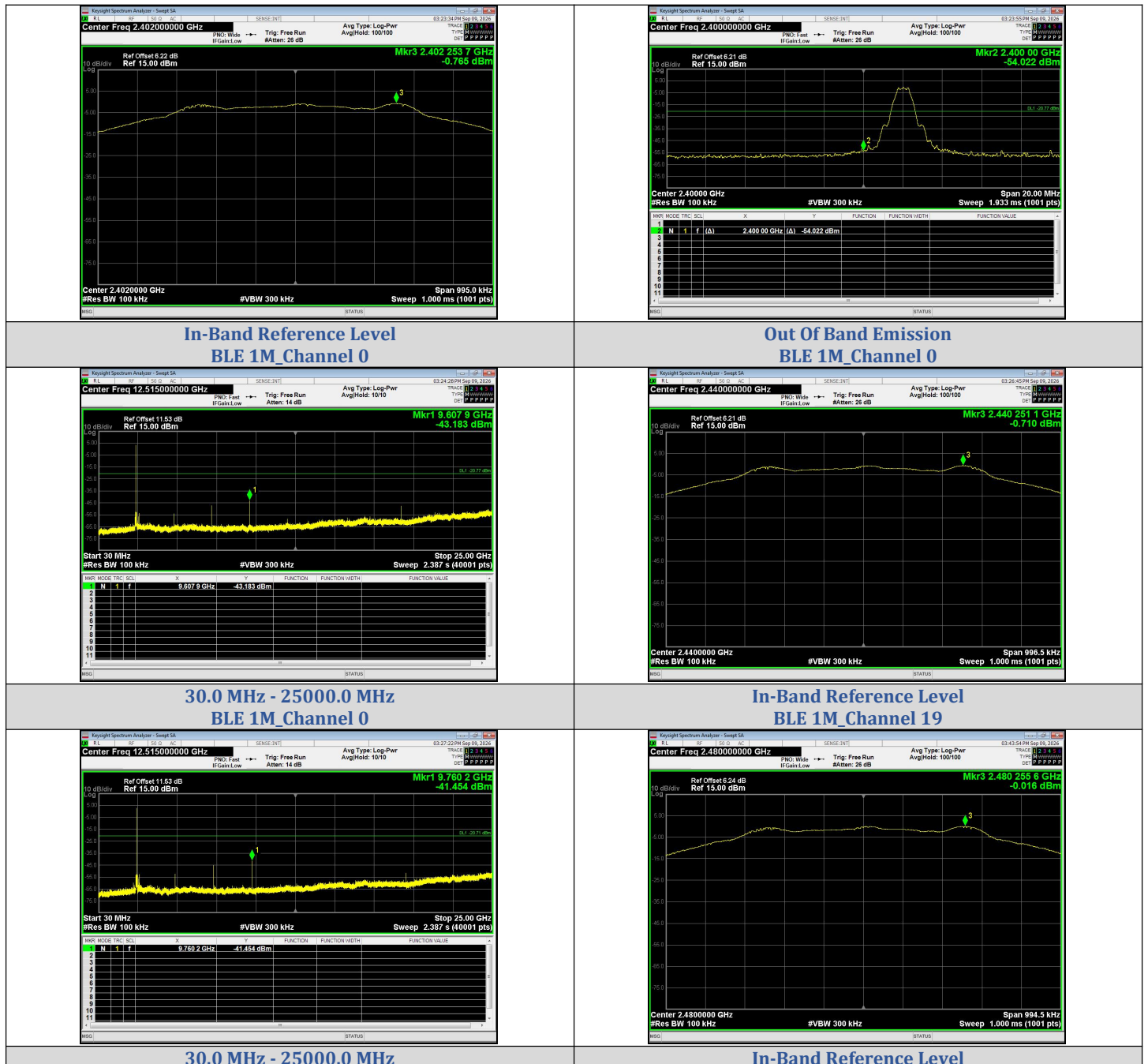
Conducted Spurious & Band Edge Emission

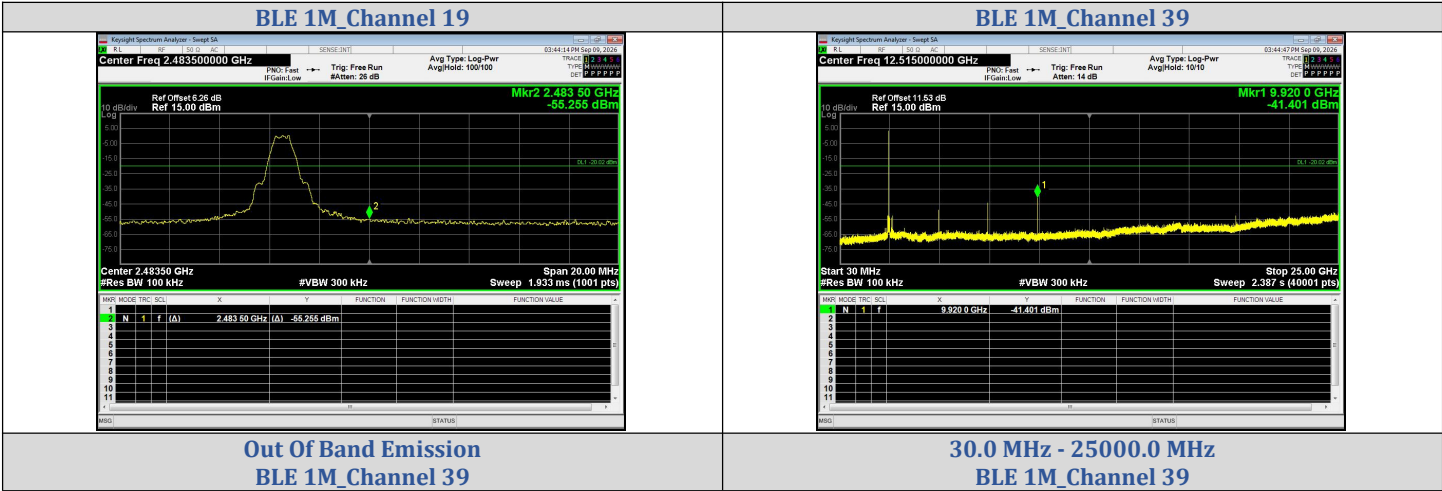
Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Verdict
BLE 1M	0	2400.00	-54.022	-20.77	-33.252	PASS
		9607.87	-43.183	-20.77	-22.413	PASS
	19	9760.18	-41.454	-20.71	-20.744	PASS
	39	2483.50	-55.255	-20.02	-35.235	PASS
		9919.99	-41.401	-20.02	-21.381	PASS

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

Test Graphs





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Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	0	-15.920	≤8	PASS
BLE 1M	19	-16.040	≤8	PASS
BLE 1M	39	-15.060	≤8	PASS

Test Graphs

