Appendix B

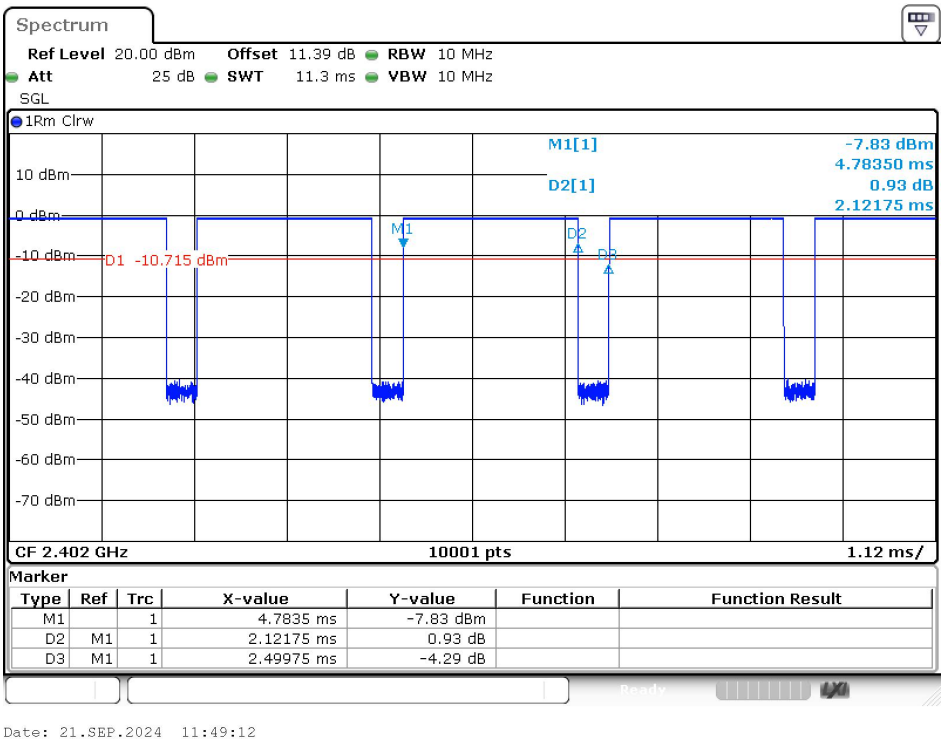
Report No.:	CISRR24091917702
FCC ID:	2BK9F-V200
Product Name:	Intelligent Microprojector
Model No.:	V200
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

1) Duty Cycle

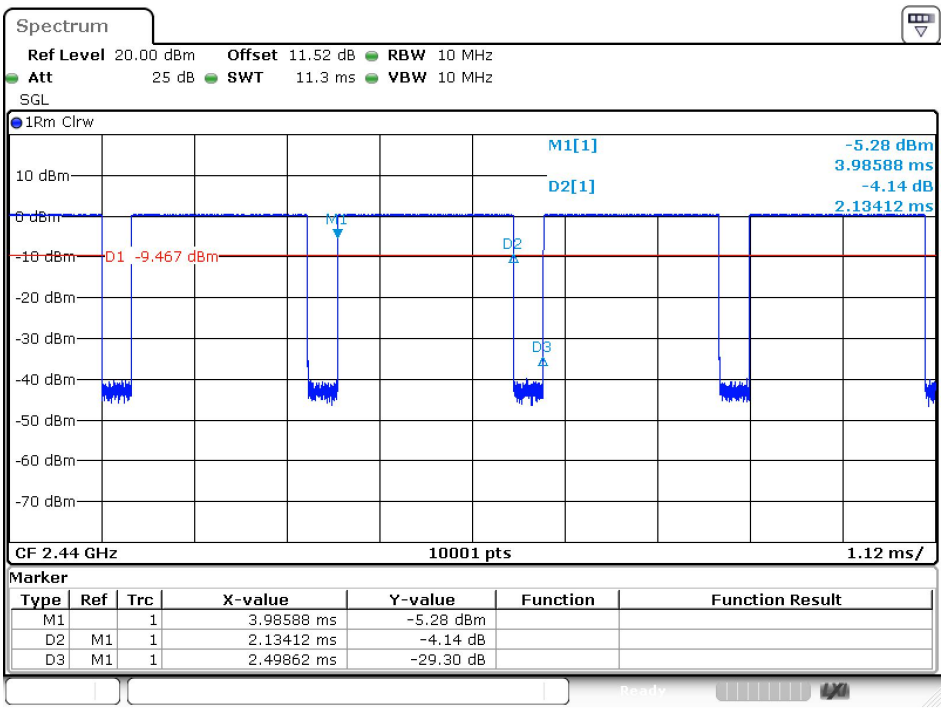
Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	2.122	2.500	84.88	0.8488	0.7119	0.47
	19	2.134	2.499	85.41	0.8541	0.6849	0.47
	39	2.122	2.499	84.92	0.8492	0.7099	0.47

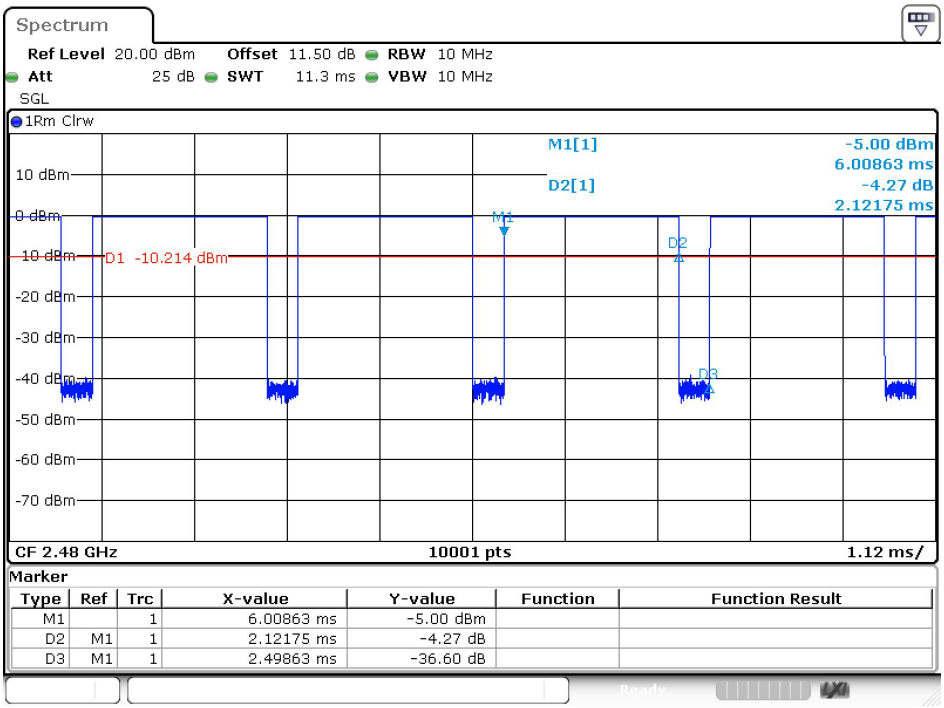
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



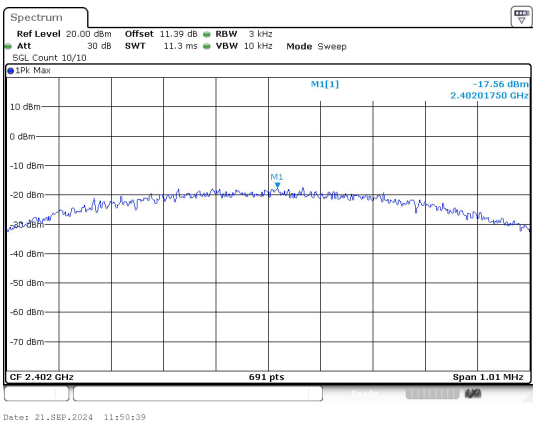
BLE 1M_Channel 39

2) Power Spectral Density

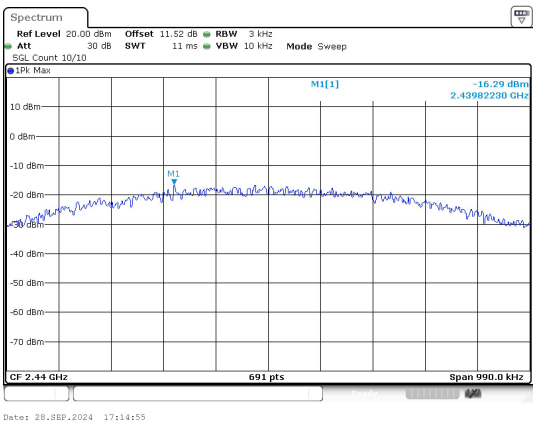
Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-17.56	≤8	PASS
BLE 1M	19	-16.29	≤8	PASS
BLE 1M	39	-16.93	≤8	PASS

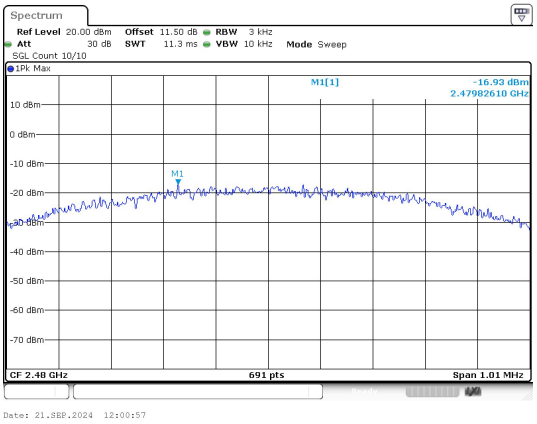
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



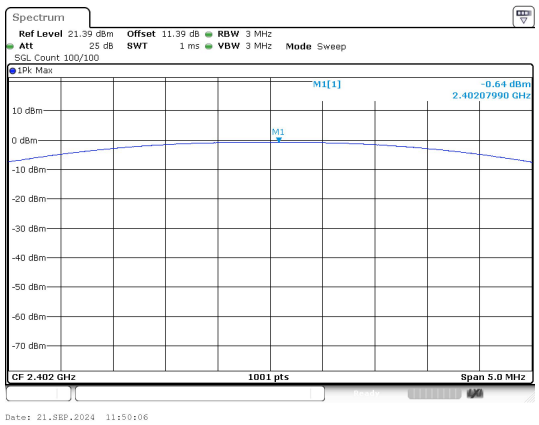
BLE 1M_Channel 39

3) Conducted Output Power

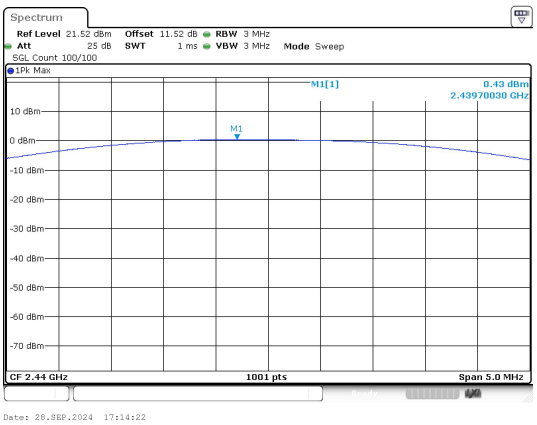
Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	-0.64	0.86	≤30	PASS
	19	0.43	1.1	≤30	PASS
	39	-0.15	0.97	≤30	PASS

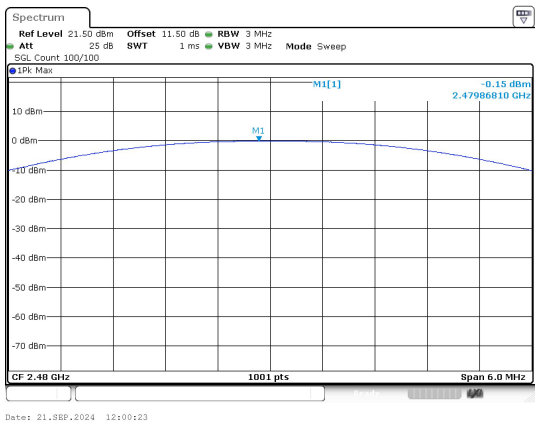
Test Graphs



Peak Output Power
BLE 1M_Channel 0



Peak Output Power
BLE 1M_Channel 19



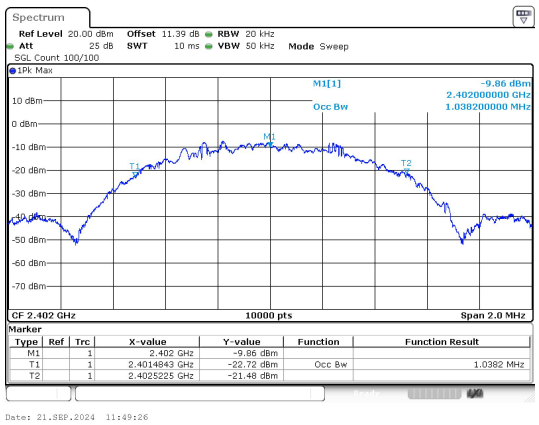
Peak Output Power
BLE 1M_Channel 39

4) 99% Bandwidth

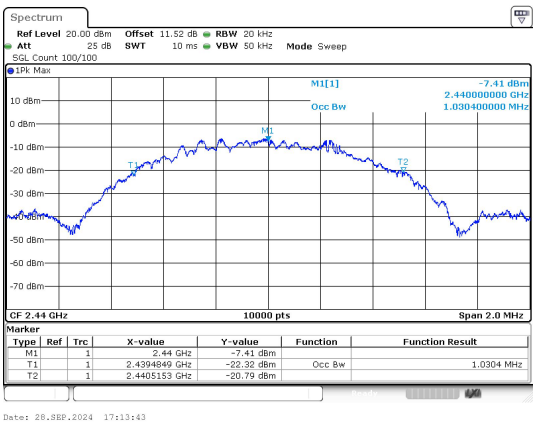
Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0382
BLE 1M	19	2440	1.0304
BLE 1M	39	2480	1.0372

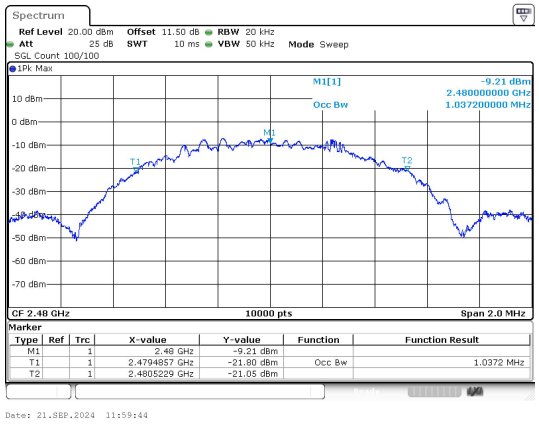
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



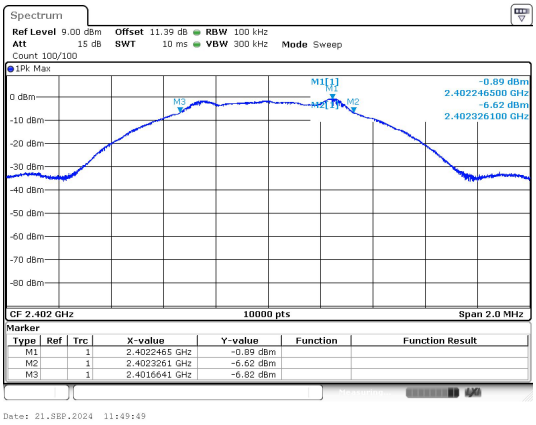
BLE 1M_Channel 39

5) 6dB Bandwidth

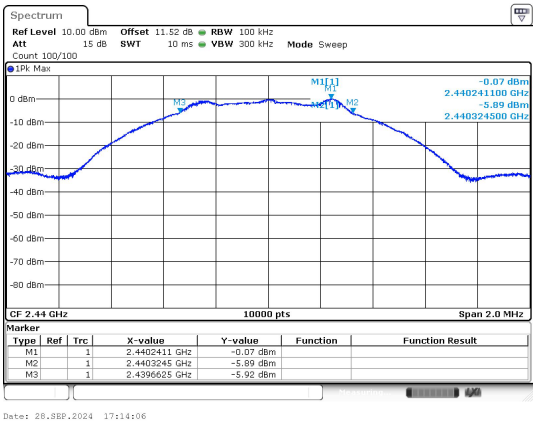
Test Result

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

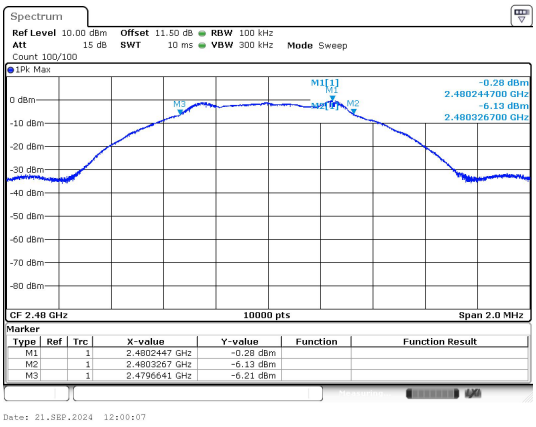
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



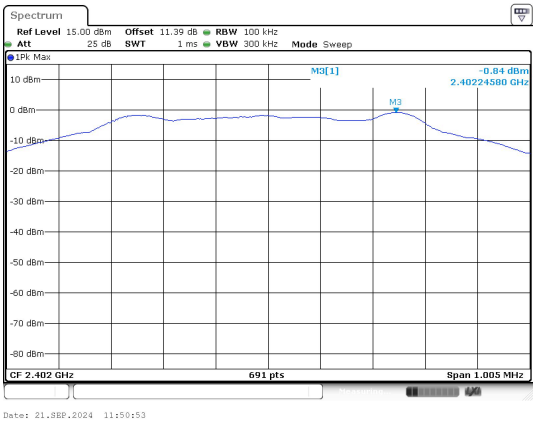
BLE 1M_Channel 39

6) Conducted Out Of Band Emission

Test Result

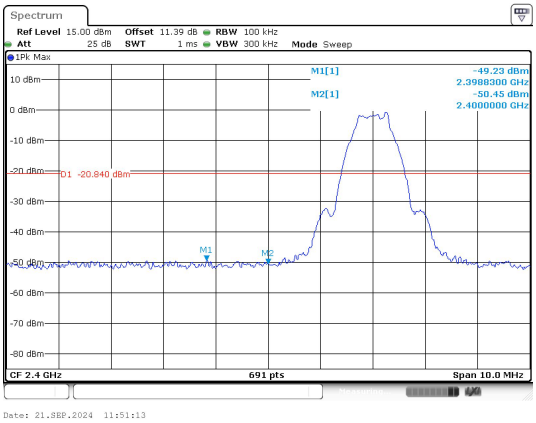
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2398.83	-49.230	-20.84	-28.390	PASS
		2400.00	-50.447	-20.84	-29.607	PASS
		7206.80	-34.406	-20.84	-13.566	PASS
	19	9753.73	-41.981	-20.04	-21.941	PASS
	39	2483.50	-50.983	-20.35	-30.633	PASS
		7440.68	-39.187	-20.35	-18.837	PASS

Test Graphs



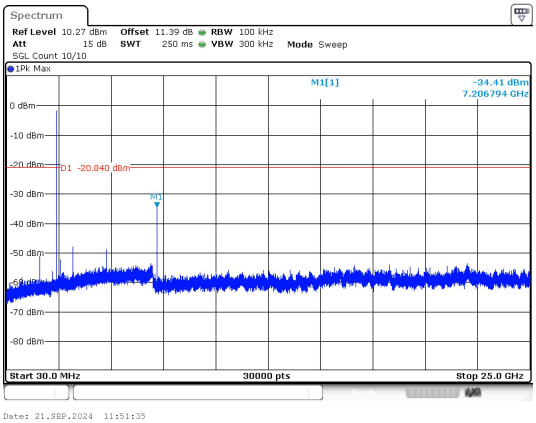
In-Band Reference Level

BLE 1M_Channel 0



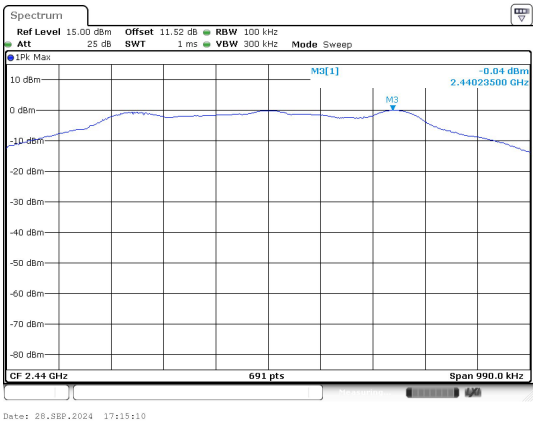
Out Of Band Emission

BLE 1M_Channel 0



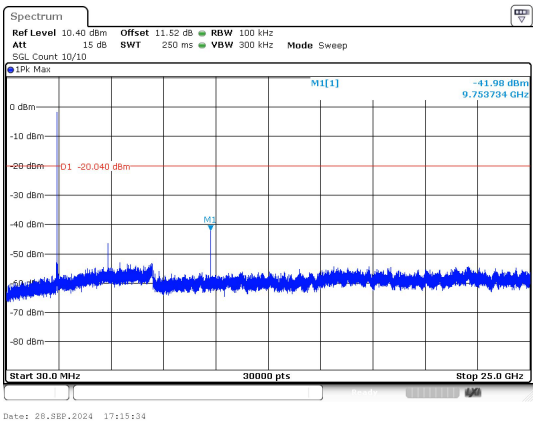
30.0 MHz - 25000.0 MHz

BLE 1M_Channel 0



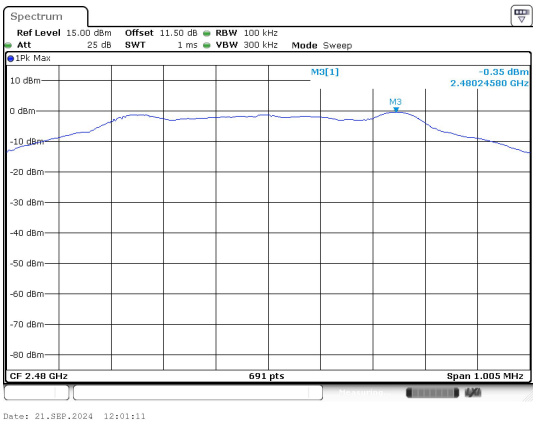
In-Band Reference Level

BLE 1M_Channel 19



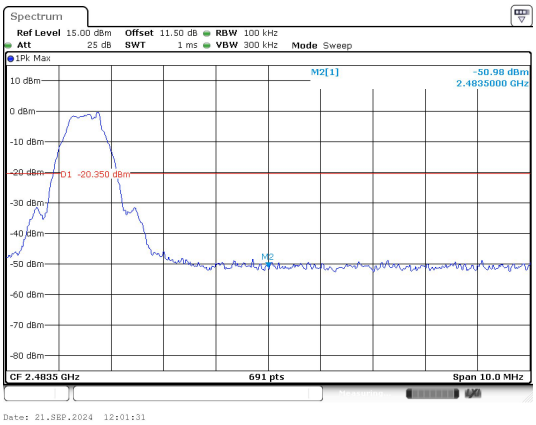
30.0 MHz - 25000.0 MHz

BLE 1M_Channel 19



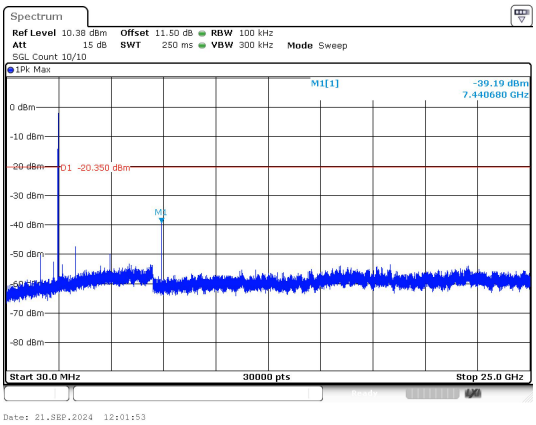
In-Band Reference Level

BLE 1M_Channel 39



Out Of Band Emission

BLE 1M_Channel 39



30.0 MHz - 25000.0 MHz

BLE 1M_Channel 39