

Appendix

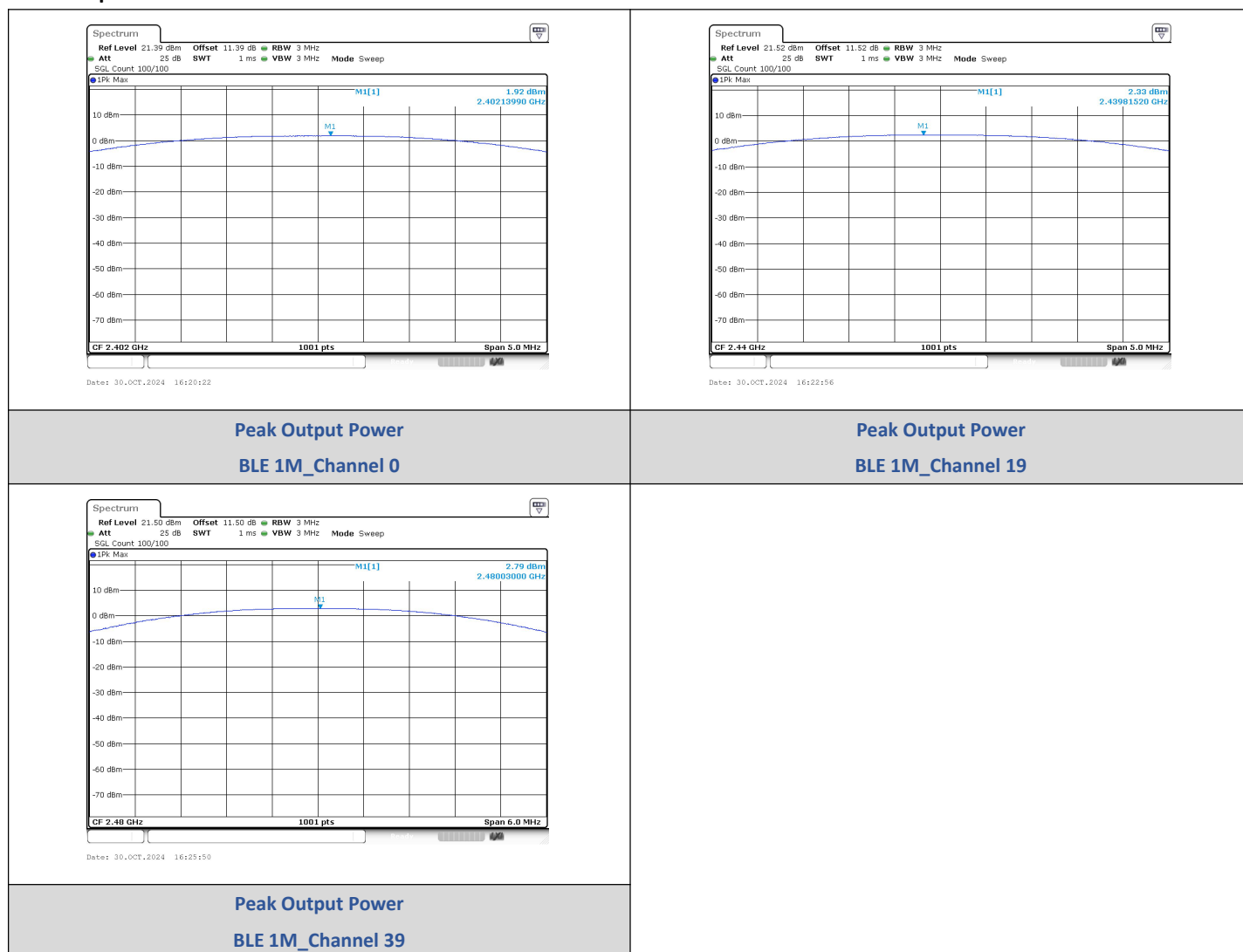
Report No.:	CISRR24092927802
FCC ID:	2BLGM-A29
Product Name:	Surveillance camera
Model No.:	A29
Test Engineer:	Mark Fu
Supervised by:	Rory Huang

1) Conducted Output Power

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	1.92	1.56	≤30	PASS
	19	2.33	1.71	≤30	PASS
	39	2.79	1.9	≤30	PASS

Test Graphs

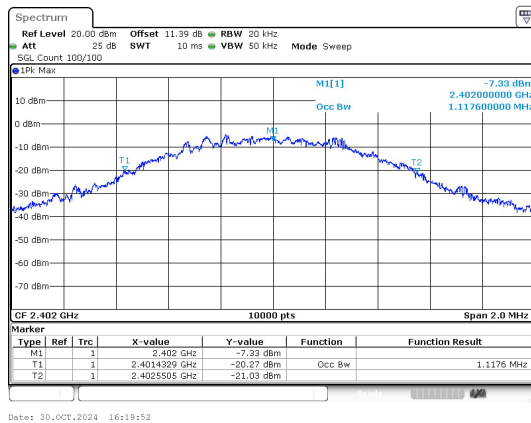


2) 99% Bandwidth

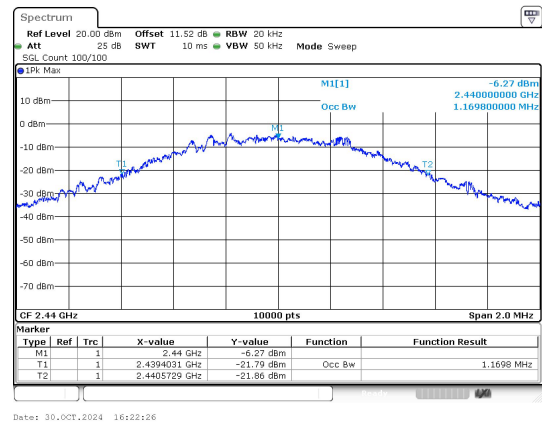
Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.1176
BLE 1M	19	2440	1.1698
BLE 1M	39	2480	1.1980

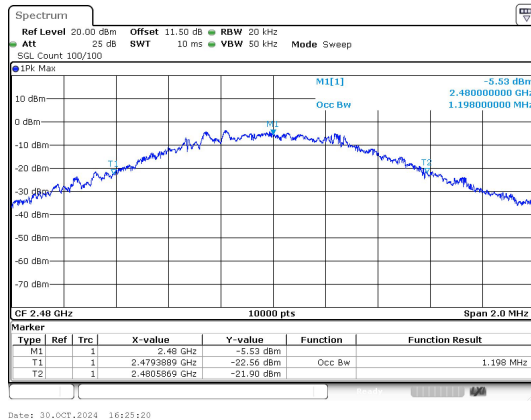
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



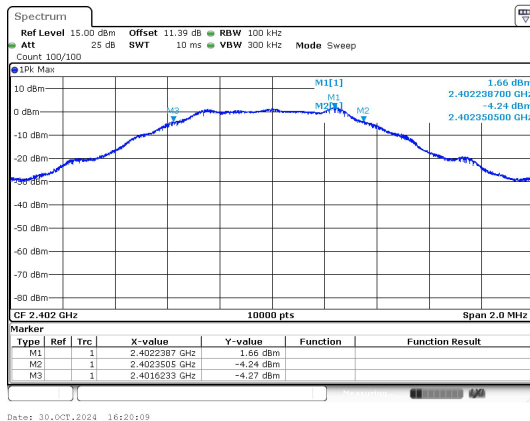
BLE 1M_Channel 39

3) 6dB Bandwidth

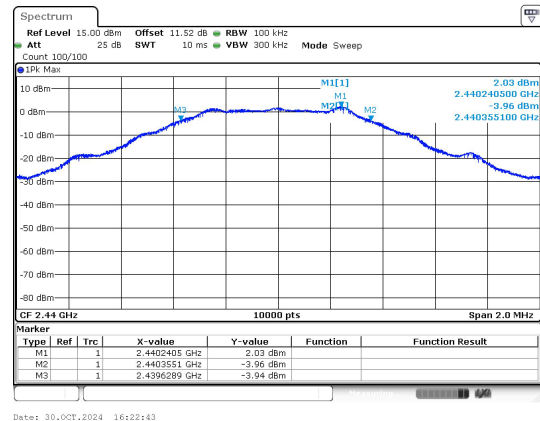
Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.7300	≥0.5	PASS
	19	2440	0.7300		PASS
	39	2480	0.7300		PASS

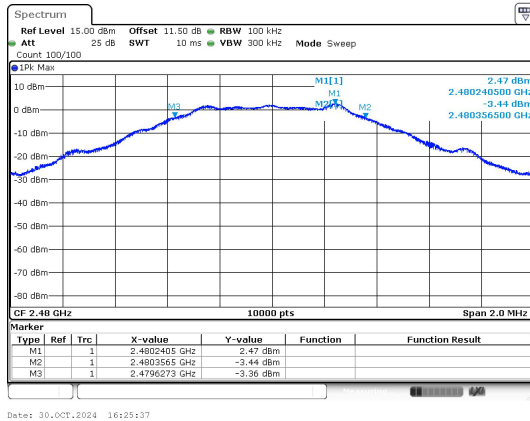
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



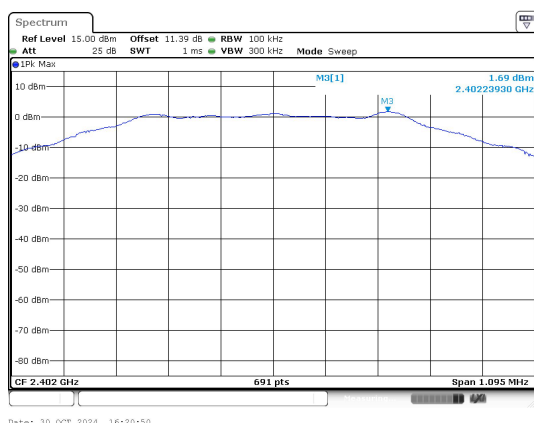
BLE 1M_Channel 39

4) Conducted Out Of Band Emission

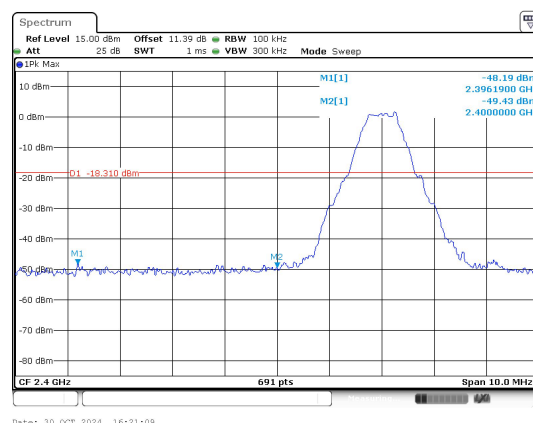
Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2396.19	-48.191	-18.31	-29.881	PASS
		2400.00	-49.512	-18.31	-31.202	PASS
		4804.70	-39.429	-18.31	-21.119	PASS
	19	4880.42	-41.789	-17.94	-23.849	PASS
	39	2483.50	-50.617	-17.52	-33.097	PASS
		4959.49	-41.661	-17.52	-24.141	PASS

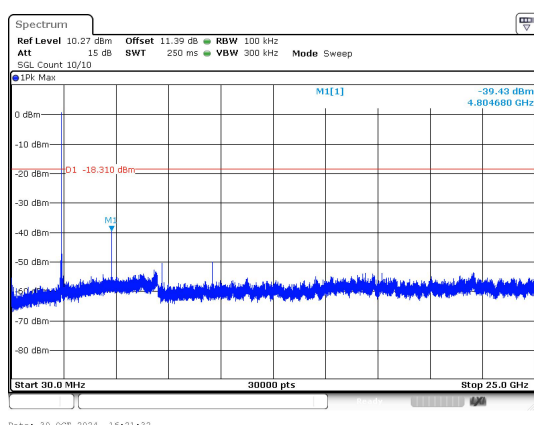
Test Graphs



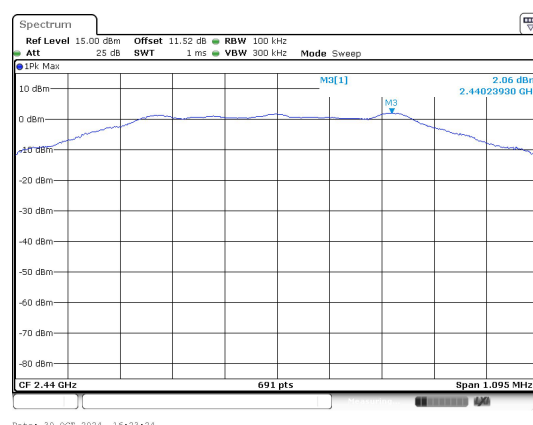
**In-Band Reference Level
BLE 1M_Channel 0**



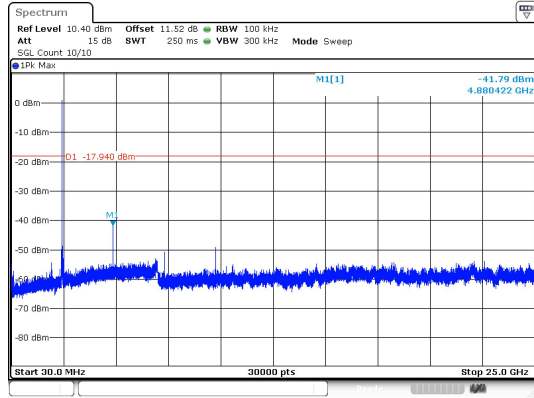
**Out Of Band Emission
BLE 1M_Channel 0**



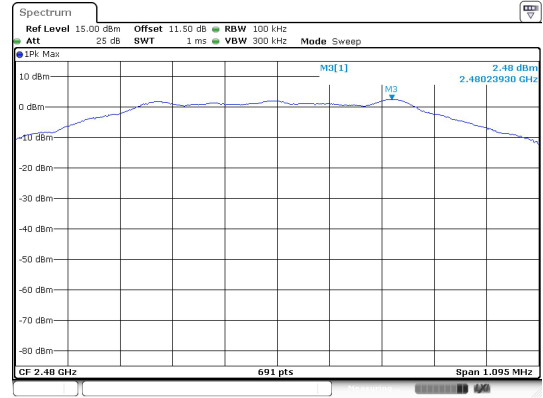
**30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0**



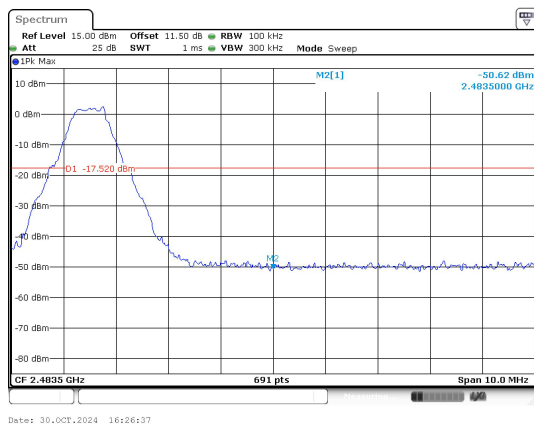
**In-Band Reference Level
BLE 1M_Channel 19**



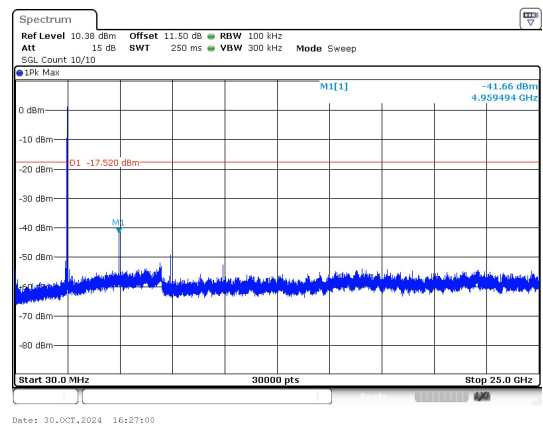
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



In-Band Reference Level
BLE 1M_Channel 39



Out Of Band Emission
BLE 1M_Channel 39



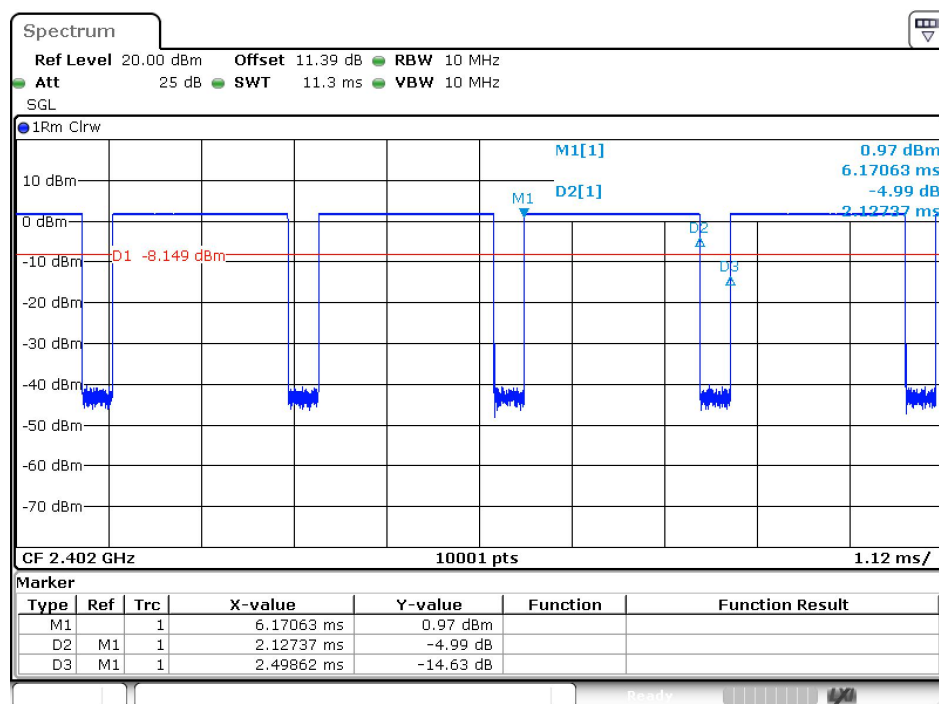
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39

5) Duty Cycle

Test Result

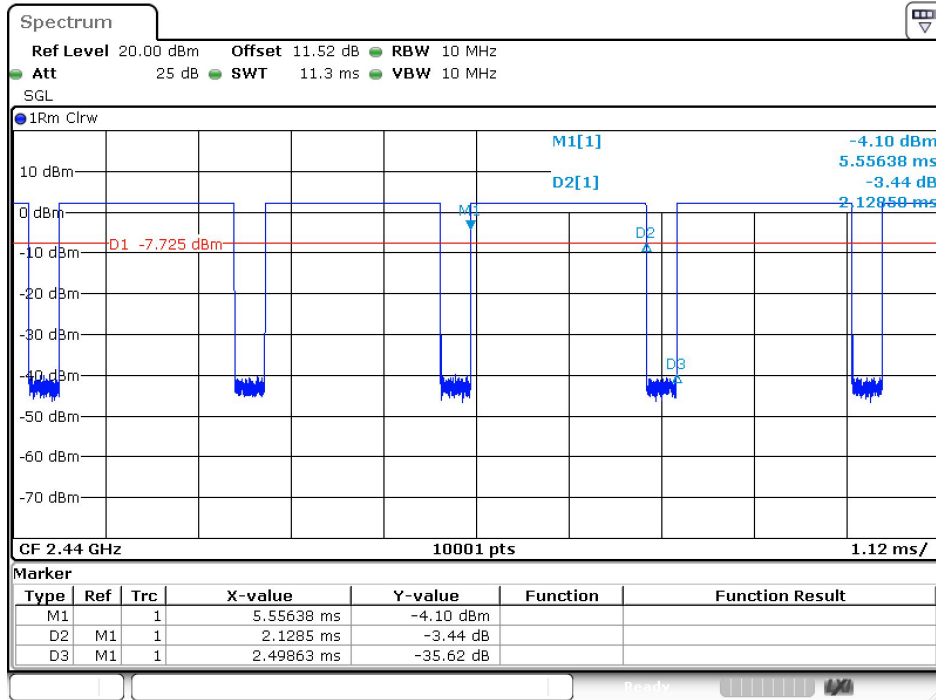
Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	2.127	2.499	85.14	0.8514	0.6987	0.4701
	19	2.128	2.499	85.19	0.8519	0.6961	0.4699
	39	2.127	2.499	85.14	0.8514	0.6987	0.4701

Test Graphs



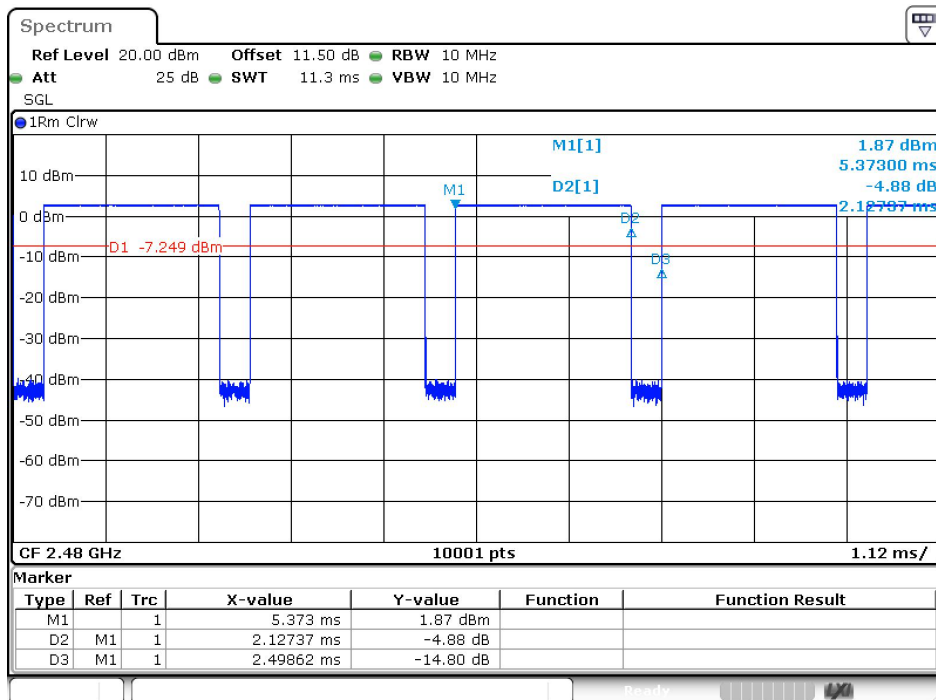
Date: 30.OCT.2024 16:19:37

BLE 1M_Channel 0



Date: 30.OCT.2024 16:22:10

BLE 1M_Channel 19



Date: 30.OCT.2024 16:25:05

BLE 1M_Channel 39

6) Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-14.158	≤8	PASS
BLE 1M	19	-13.946	≤8	PASS
BLE 1M	39	-13.754	≤8	PASS

Test Graphs

