

Appendix A

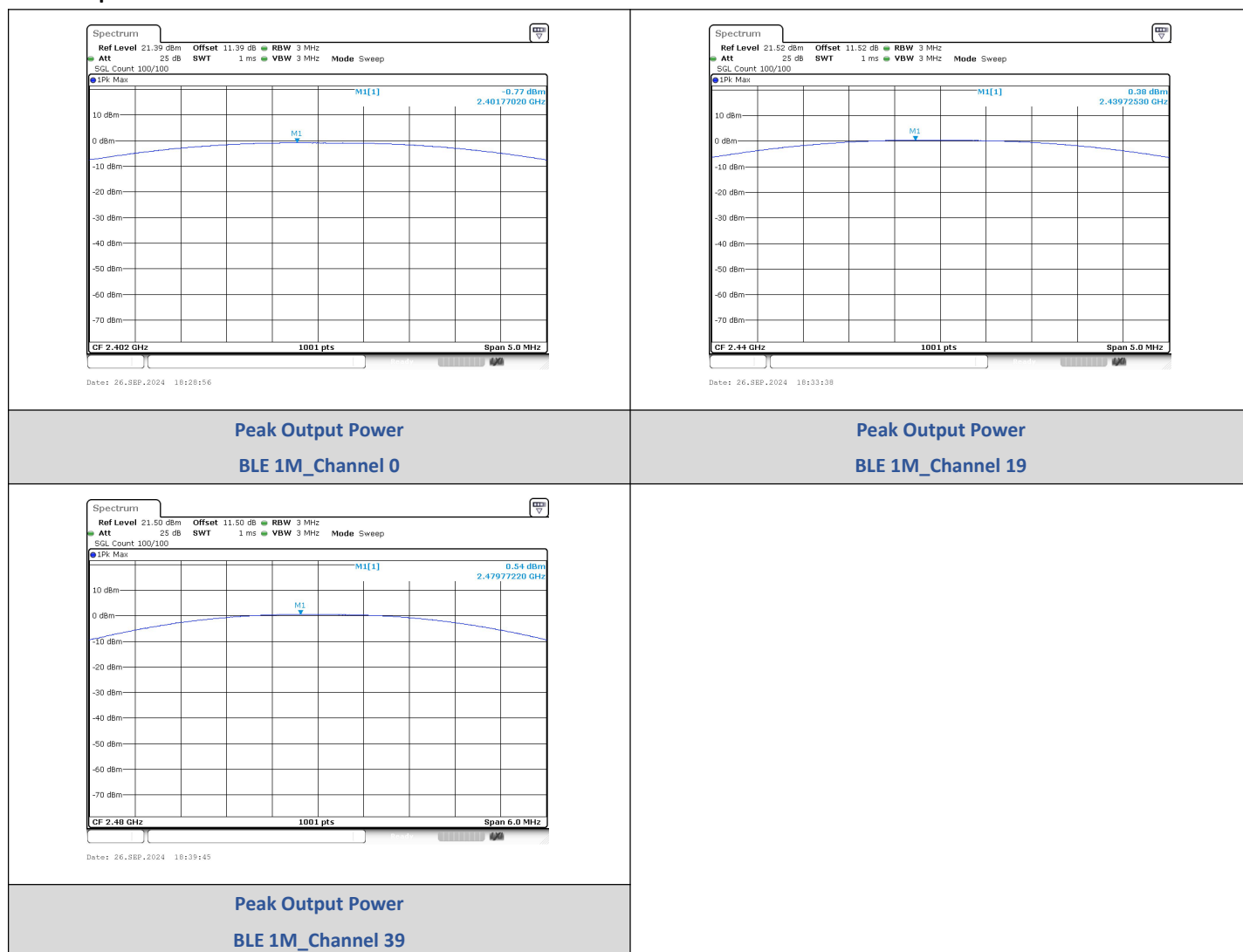
Report No.:	CISRR240925241
FCC ID:	2BLMQ-X6
Product Name:	Bone ConductionWireless Headphones
Model No.:	X6
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

1) Conducted Output Power

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	-0.77	0.84	≤30	PASS
	19	0.38	1.09	≤30	PASS
	39	0.54	1.13	≤30	PASS

Test Graphs

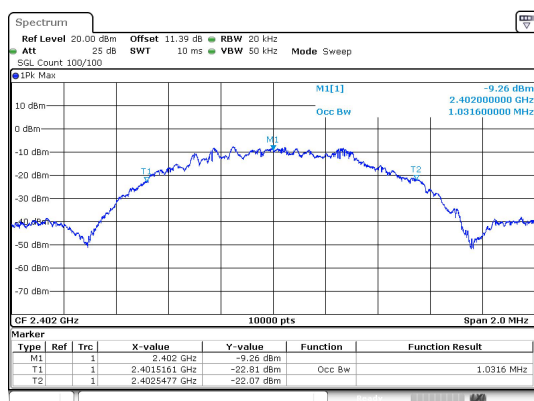


2) 99% Bandwidth

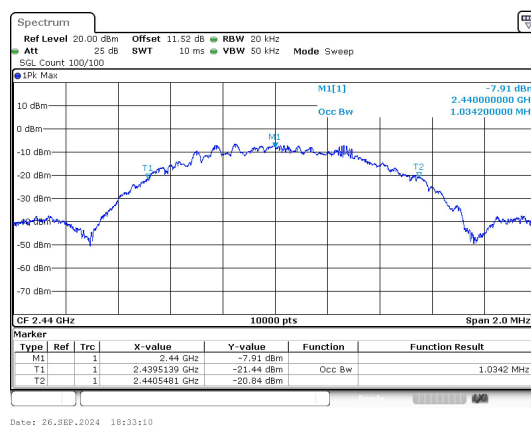
Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0316
BLE 1M	19	2440	1.0342
BLE 1M	39	2480	1.0346

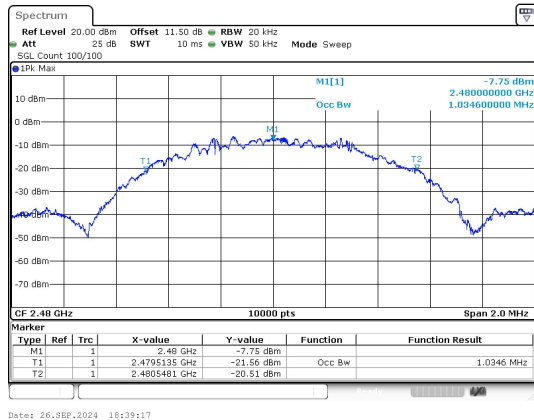
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



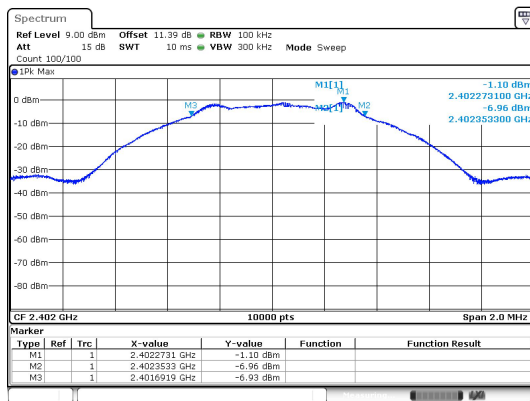
BLE 1M_Channel 39

3) 6dB Bandwidth

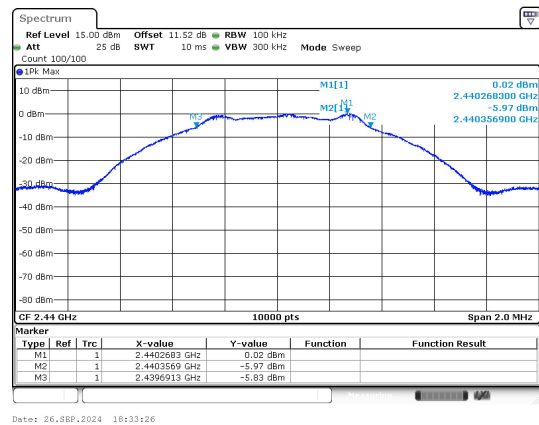
Test Result

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

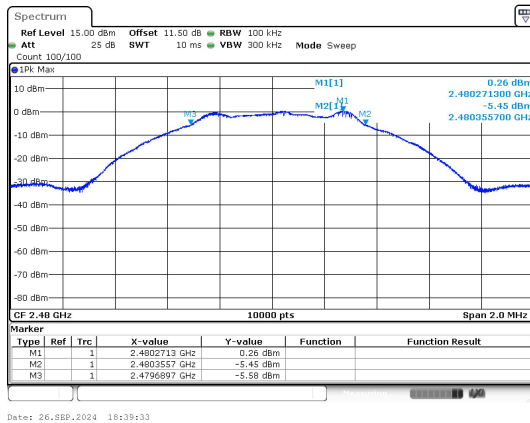
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 19



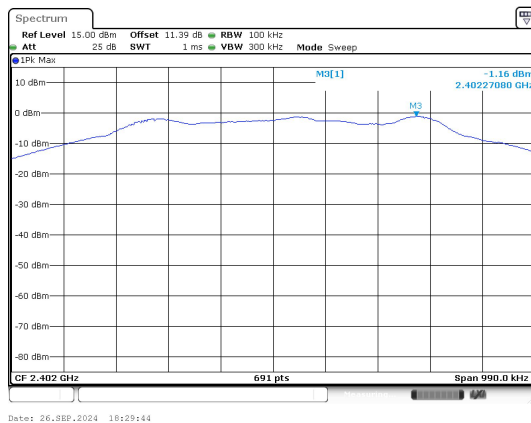
BLE 1M_Channel 39

4) Conducted Out Of Band Emission

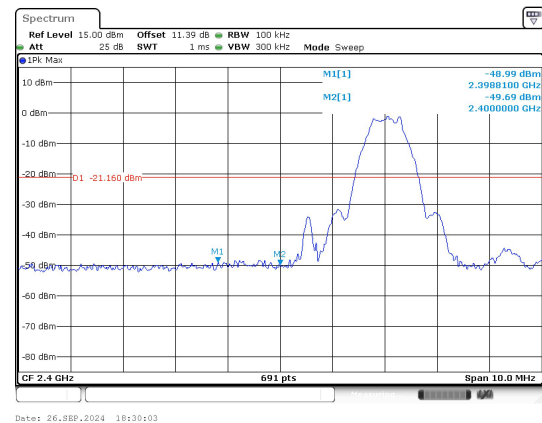
Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	1949.80	-42.416	-21.16	-21.256	PASS
		2398.81	-48.989	-21.16	-27.829	PASS
		2400.00	-49.695	-21.16	-28.535	PASS
	19	9753.73	-40.873	-19.96	-20.913	PASS
	39	2483.50	-48.629	-19.8	-28.829	PASS
		9914.37	-40.713	-19.8	-20.913	PASS

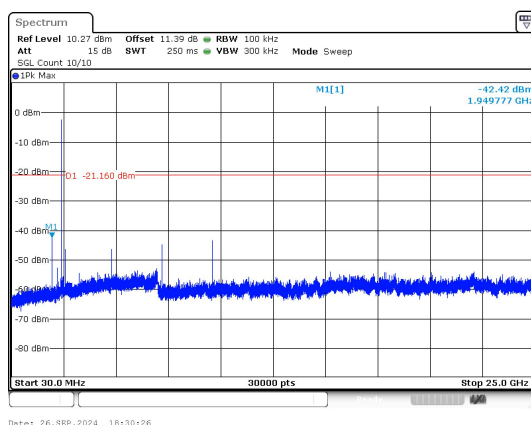
Test Graphs



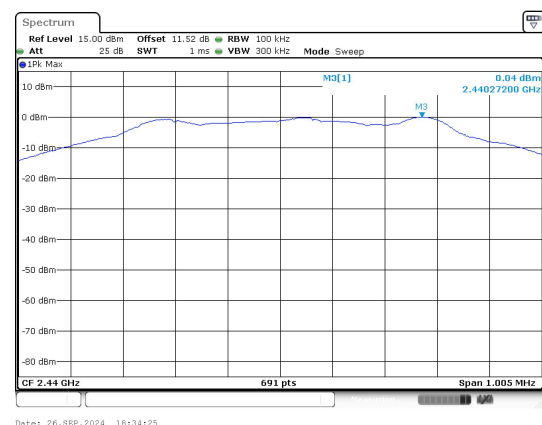
**In-Band Reference Level
BLE 1M_Channel 0**



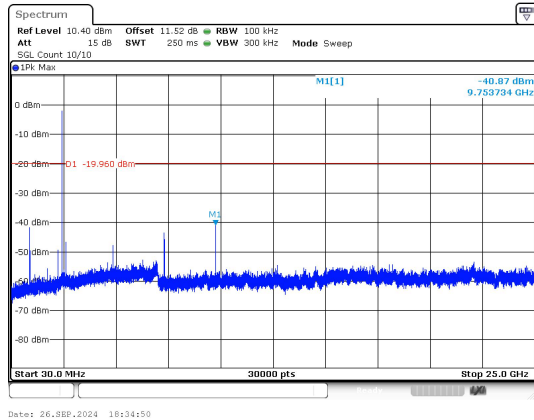
**Out Of Band Emission
BLE 1M_Channel 0**



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

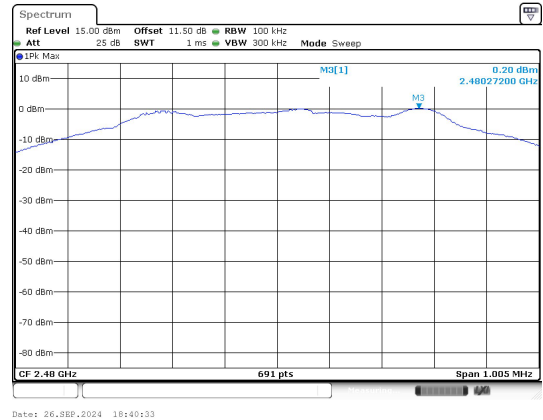


**In-Band Reference Level
BLE 1M_Channel 19**



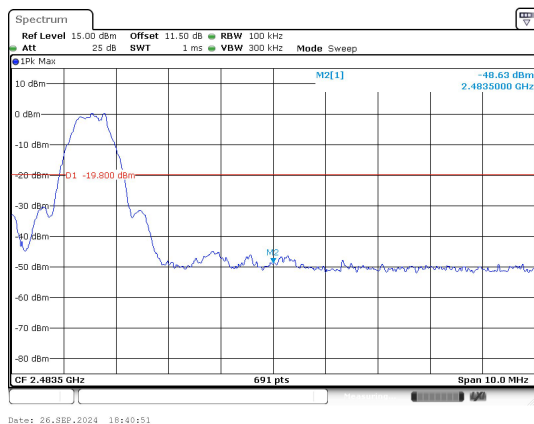
Date: 26.SEP.2024 18:34:50

30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



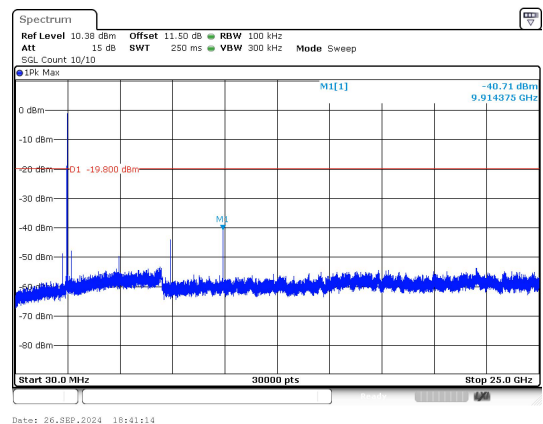
Date: 26.SEP.2024 18:40:33

In-Band Reference Level
BLE 1M_Channel 39



Date: 26.SEP.2024 18:40:51

Out Of Band Emission
BLE 1M_Channel 39



Date: 26.SEP.2024 18:41:14

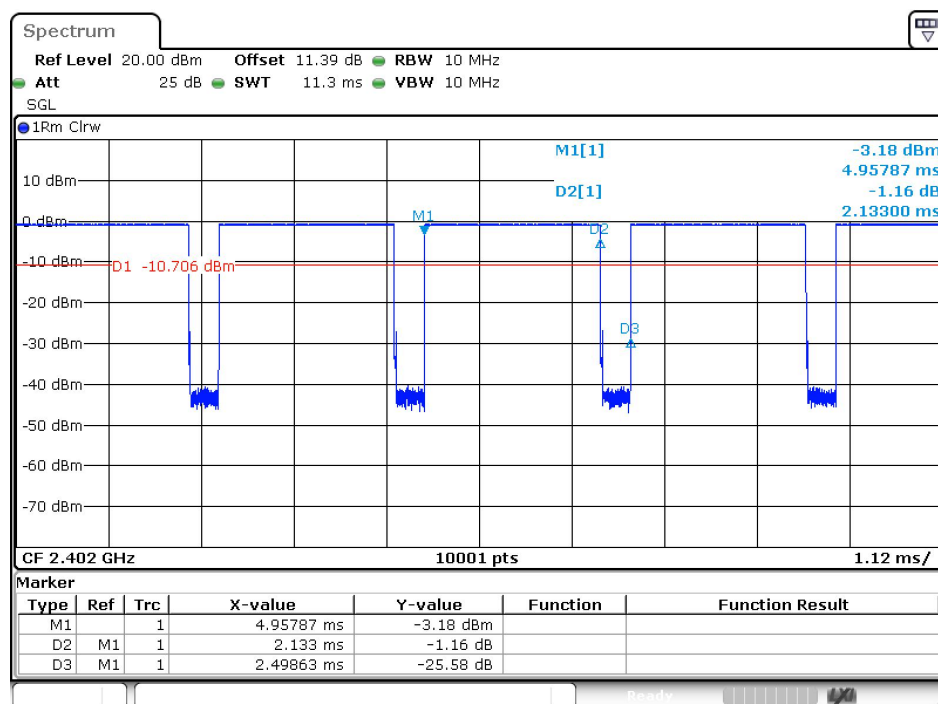
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39

5) Duty Cycle

Test Result

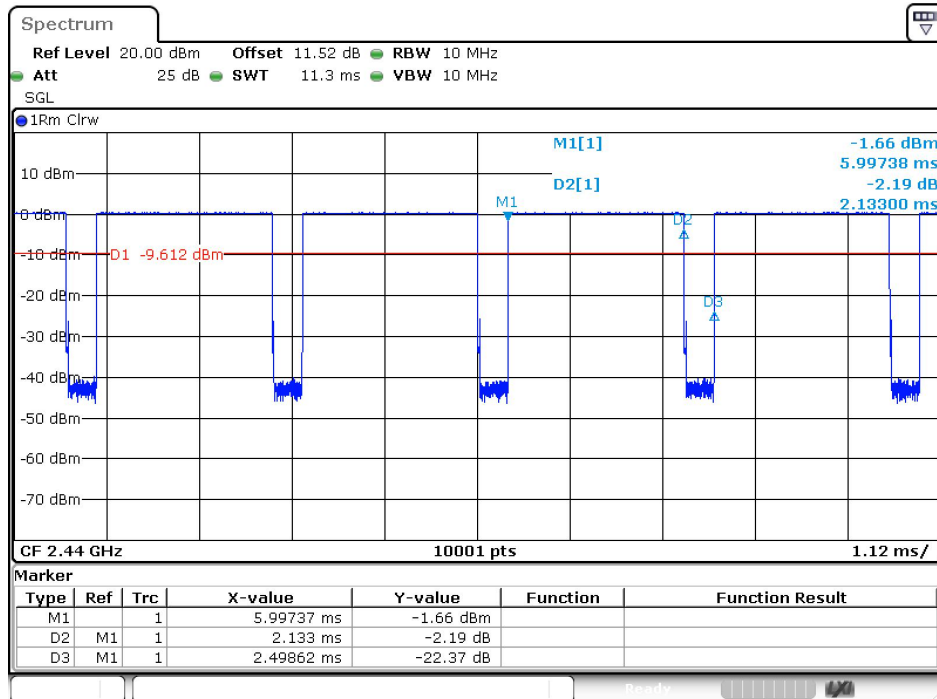
Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	2.133	2.499	85.37	0.8537	0.6869	0.47
	19	2.133	2.499	85.37	0.8537	0.6869	0.47
	39	2.133	2.499	85.37	0.8537	0.6869	0.47

Test Graphs



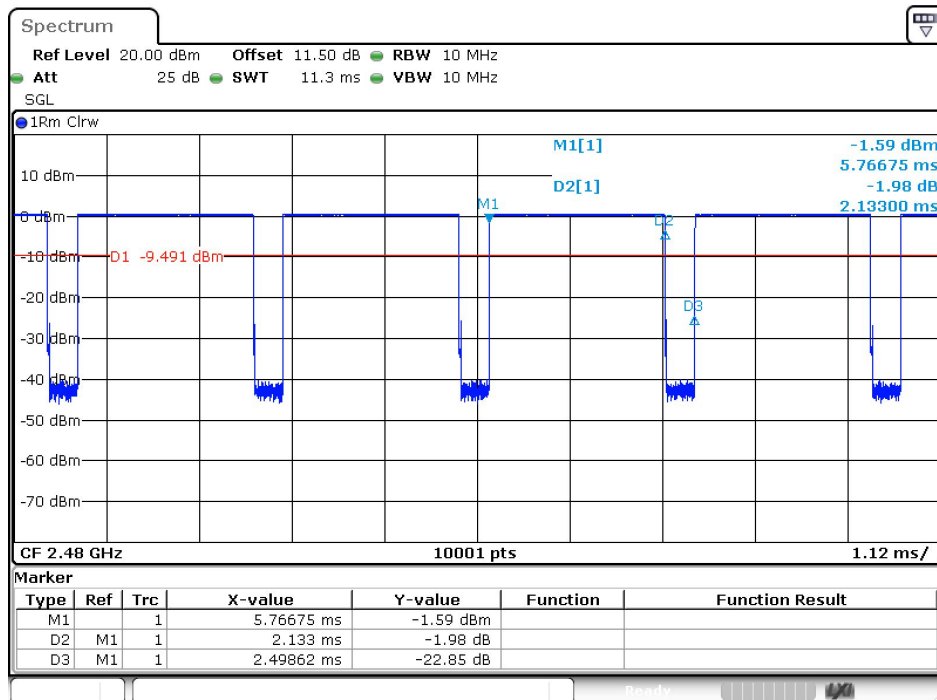
Date: 26.SEP.2024 18:28:01

BLE 1M_Channel 0



Date: 26.SEP.2024 18:32:56

BLE 1M_Channel 19



Date: 26.SEP.2024 18:39:02

BLE 1M_Channel 39

6) Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-18.45	≤8	PASS
BLE 1M	19	-17.13	≤8	PASS
BLE 1M	39	-16.59	≤8	PASS

Test Graphs

