

Bluetooth Low Energy

Test Engineer:	Osolemio Chang	Temperature:	22-25	°C
Test Date:	2015/12/09-2015/12/16	Relative Humidity:	51-55	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
BLE	1Mbps	1	0	2402	1.02	0.66	0.50	Pass
BLE	1Mbps	1	19	2440	1.02	0.66	0.50	Pass
BLE	1Mbps	1	39	2480	1.02	0.66	0.50	Pass

TEST RESULTS DATA
Peak Power Table

Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	1Mbps	1	0	2402	4.11	30.00	0.37	4.48	36.00	Pass
BLE	1Mbps	1	19	2440	4.19	30.00	0.37	4.56	36.00	Pass
BLE	1Mbps	1	39	2480	3.94	30.00	0.37	4.31	36.00	Pass

TEST RESULTS DATA
Average Power Table
(Reporting Only)

Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)
BLE	1Mbps	1	0	2402	1.96	3.58
BLE	1Mbps	1	19	2440	1.96	3.66
BLE	1Mbps	1	39	2480	1.96	3.46

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	1Mbps	1	0	2402	3.28	-12.36	0.37	8.00	Pass
BLE	1Mbps	1	19	2440	3.39	-12.08	0.37	8.00	Pass
BLE	1Mbps	1	39	2480	3.15	-12.16	0.37	8.00	Pass

Note: PSD (dBm/ 100kHz) is a reference level used for Conducted Band Edges and Conducted Spurious Emission 20dBc limit.