

Bluetooth Low Energy

Test Engineer:	Osolemio Chang	Temperature:	22~25	°C
Test Date:	2016/1/13	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	1.16	0.83	0.50	Pass
BLE	1Mbps	1	19	2440	1.15	0.83	0.50	Pass
BLE	1Mbps	1	39	2480	1.14	0.82	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	2.94	30.00	5.00	7.94	36.00	Pass
BLE	1Mbps	1	19	2440	2.98	30.00	5.00	7.98	36.00	Pass
BLE	1Mbps	1	39	2480	2.91	30.00	5.00	7.91	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	2.05	2.62
BLE	1Mbps	1	19	2440	2.05	2.67
BLE	1Mbps	1	39	2480	2.05	2.61

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	1.59	-13.42	5.00	8.00	Pass
BLE	1Mbps	1	19	2440	1.55	-13.37	5.00	8.00	Pass
BLE	1Mbps	1	39	2480	1.64	-13.42	5.00	8.00	Pass

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