

Bluetooth Low Energy

Test Engineer:	Derek Hsu and Stuart Lin	Temperature:	22~25	°C
Test Date:	2015/08/14 ~ 2015/08/17	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	1.05	0.67	0.50	Pass
BLE	1Mbps	1	19	2440	1.05	0.67	0.50	Pass
BLE	1Mbps	1	39	2480	1.05	0.67	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	-1.45	30.00	0.85	-0.60	36.00	Pass
BLE	1Mbps	1	19	2440	-1.21	30.00	0.85	-0.36	36.00	Pass
BLE	1Mbps	1	39	2480	-1.71	30.00	0.85	-0.86	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	2.09	-2.94
BLE	1Mbps	1	19	2440	2.09	-2.73
BLE	1Mbps	1	39	2480	2.09	-3.39

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	-3.33	-18.53	0.85	8.00	Pass
BLE	1Mbps	1	19	2440	-3.08	-18.32	0.85	8.00	Pass
BLE	1Mbps	1	39	2480	-4.11	-19.27	0.85	8.00	Pass

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