

Bluetooth Low Energy

Test Engineer:	Tommy Lee	Temperature:	22~25	°C
Test Date:	Sep. 25, 2015	Relative Humidity:	51~55	%

TEST RESULTS DATA
6dB Occupied Bandwidth

Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)		6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
BLE	1Mbps	1	0	2402		0.69	0.50	Pass
BLE	1Mbps	1	19	2440		0.68	0.50	Pass
BLE	1Mbps	1	39	2480		0.69	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	5.00	30.00	4.00	9.00	36.00	Pass
BLE	1Mbps	1	19	2440	4.93	30.00	4.00	8.93	36.00	Pass
BLE	1Mbps	1	39	2480	4.88	30.00	4.00	8.88	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	1.71	4.18
BLE	1Mbps	1	19	2440	1.71	4.10
BLE	1Mbps	1	39	2480	1.71	3.96

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	4.13	-10.01	4.00	8.00	Pass
BLE	1Mbps	1	19	2440	4.15	-8.93	4.00	8.00	Pass
BLE	1Mbps	1	39	2480	3.91	-9.04	4.00	8.00	Pass

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