

Bluetooth Low Energy

Test Engineer:	Bill Kuo	Temperature:	21~25	°C
Test Date:	2015/07/30~2015/8/5	Relative Humidity:	51~54	%

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	0.67	0.50	Pass
BLE	1Mbps	1	19	2440	0.67	0.50	Pass
BLE	1Mbps	1	39	2480	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	2.66	30.00	2.50	5.16	36.00	Pass
BLE	1Mbps	1	19	2440	2.64	30.00	2.50	5.14	36.00	Pass
BLE	1Mbps	1	39	2480	2.43	30.00	2.50	4.93	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	2.03	2.00
BLE	1Mbps	1	19	2440	2.03	1.96
BLE	1Mbps	1	39	2480	2.03	1.70

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	1.09	-14.17	2.50	8.00	Pass
BLE	1Mbps	1	19	2440	0.94	-14.27	2.50	8.00	Pass
BLE	1Mbps	1	39	2480	0.56	-14.73	2.50	8.00	Pass

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