

Bluetooth Low Energy

Test Engineer:	An Wu	Temperature:	21~25	°C
Test Date:	2015/10/15~2015/10/22	Relative Humidity:	51~54	%

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	0.69	0.50	Pass
BLE	1Mbps	1	19	2440	1.01	0.69	0.50	Pass
BLE	1Mbps	1	39	2480	1.01	0.68	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	-0.52	30.00	-2.23	-2.75	36.00	Pass
BLE	1Mbps	1	19	2440	-0.17	30.00	-2.23	-2.40	36.00	Pass
BLE	1Mbps	1	39	2480	-0.61	30.00	-2.23	-2.84	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	2.23	-1.47
BLE	1Mbps	1	19	2440	2.23	-1.09
BLE	1Mbps	1	39	2480	2.23	-1.46

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	-2.33	-16.85	-2.23	8.00	Pass
BLE	1Mbps	1	19	2440	-1.92	-16.45	-2.23	8.00	Pass
BLE	1Mbps	1	39	2480	-2.32	-16.93	-2.23	8.00	Pass

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