

Bluetooth Low Energy

Test Engineer:	Osolemio Chang	Temperature:	21~25	°C
Test Date:	2015/09/13 ~ 2015/10/06	Relative Humidity:	51~54	%

TEST RESULTS DATA**6dB 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	0.66	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	2.82	30.00	4.25	7.07	36.00	Pass
BLE	1Mbps	1	19	2440	2.84	30.00	4.25	7.09	36.00	Pass
BLE	1Mbps	1	39	2480	2.87	30.00	4.25	7.12	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	2.06	2.35
BLE	1Mbps	1	19	2440	2.06	2.34
BLE	1Mbps	1	39	2480	2.06	2.18

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	2.38	-12.85	4.25	8.00	Pass
BLE	1Mbps	1	19	2440	2.16	-13.07	4.25	8.00	Pass
BLE	1Mbps	1	39	2480	1.75	-13.39	4.25	8.00	Pass

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