

Bluetooth Low Energy

Test Engineer:	PH Yang	Temperature:	21~25	°C
Test Date:	2016/06/07~2016/06/21	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	1.05	0.73	0.50	Pass
BLE	1Mbps	1	19	2440	1.05	0.71	0.50	Pass
BLE	1Mbps	1	39	2480	1.05	0.72	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	5.66	30.00	0.88	6.54	36.00	Pass
BLE	1Mbps	1	19	2440	6.08	30.00	0.88	6.96	36.00	Pass
BLE	1Mbps	1	39	2480	6.25	30.00	0.88	7.13	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	5.41
BLE	1Mbps	1	19	2440	2.09	5.85
BLE	1Mbps	1	39	2480	2.09	5.95

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	5.79	-7.55	0.88	8.00	Pass
BLE	1Mbps	1	19	2440	6.38	-6.99	0.88	8.00	Pass
BLE	1Mbps	1	39	2480	6.59	-6.87	0.88	8.00	Pass

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