

Bluetooth Low Energy

Test Engineer:	Kenny Chen	Temperature:	21~25	°C
Test Date:	2015/08/25~2015/9/21	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		0.70	0.50	Pass
BLE	1Mbps	1	19	2440		0.69	0.50	Pass
BLE	1Mbps	1	39	2480		0.71	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	3.01	30.00	3.00	6.01	36.00	Pass
BLE	1Mbps	1	19	2440	3.10	30.00	3.00	6.10	36.00	Pass
BLE	1Mbps	1	39	2480	3.12	30.00	3.00	6.12	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	0.00	2.17
BLE	1Mbps	1	19	2440	0.00	2.42
BLE	1Mbps	1	39	2480	0.00	2.39

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	1.27	-14.52	3.00	8.00	Pass
BLE	1Mbps	1	19	2440	1.63	-14.21	3.00	8.00	Pass
BLE	1Mbps	1	39	2480	1.41	-14.51	3.00	8.00	Pass

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