

Bluetooth Low Energy

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2015/09/24 ~ 2015/10/01	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	0.71	0.50	Pass
BLE	1Mbps	1	19	2440	0.76	0.50	Pass
BLE	1Mbps	1	39	2480	0.75	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	-5.23	30.00	-4.85	-10.08	36.00	Pass
BLE	1Mbps	1	19	2440	-5.57	30.00	-4.85	-10.42	36.00	Pass
BLE	1Mbps	1	39	2480	-5.78	30.00	-4.85	-10.63	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	-8.36
BLE	1Mbps	1	19	2440	0.00	-9.06
BLE	1Mbps	1	39	2480	0.00	-9.55

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	-10.73	-15.86	-4.85	8.00	Pass
BLE	1Mbps	1	19	2440	-11.84	-16.49	-4.85	8.00	Pass
BLE	1Mbps	1	39	2480	-12.41	-17.06	-4.85	8.00	Pass

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