Report Number : FR692114B

Bluetooth Low Energy

Test Engineer:	Aking Chang	Temperature:	21~25	°C
Test Date:	2016/10/05~2016/10/06	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
BLE	1Mbps	1	0	2402	1.06	0.70	0.50	Pass
BLE	1Mbps	1	19	2440	1.06	0.71	0.50	Pass
BLE	1Mbps	1	39	2480	1.06	0.70	0.50	Pass

TEST RESULTS DATA
Peak Power Table

Mod.	Data Rate	NTX	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	4.14	30.00	2.96	7.10	36.00	Pass
BLE	1Mbps	1	19	2440	3.63	30.00	2.96	6.59	36.00	Pass
BLE	1Mbps	1	39	2480	3.55	30.00	2.96	6.51	36.00	Pass

TEST RESULTS DATA
Average Power Table
(Reporting Only)

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)
BLE	1Mbps	1	0	2402	2.09	3.89
BLE	1Mbps	1	19	2440	2.09	3.37
BLE	1Mbps	1	39	2480	2.09	3.24

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTX	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	3.39	-10.16	2.96	8.00	Pass
BLE	1Mbps	1	19	2440	2.93	-10.66	2.96	8.00	Pass
BLE	1Mbps	1	39	2480	2.69	-10.86	2.96	8.00	Pass

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