

Description of Operation

FCC ID:NDPBM-1600

EUT is operating in the 2.4GHz ISM (Industrial Scientific Medicine) band. In a vast majority of countries around the world the range of this frequency band is 2400-2483.5 MHz. Within the ISM band, this device transmissions hop between 79 separate frequencies 1600 times every second. Channel spacing is 1MHz. The Modulation is GFSK (Gaussian Frequency shift keying) with a BT=0.5. The Modulation index must be between 0.28 and 0.35. The antenna is Inverted Antenna, and there is no antenna connector.

The device is a Bluetooth device developed with Bluetooth technology, which can connect to other Bluetooth devices such as mobile phone, PDA, or notebook computer (with audio gateway profile supported) wirelessly to attain voice transferred purpose. It supports Headset, Handsfree and FTP profile.

Product Specification

Items	Description
Radio Type	Intentional Transceiver
Power Type	3.7V DC from battery
Interface Type	USB Port / Audio / Headphone
Modulation	FHSS(GFSK)
Data Rate (Mbps)	1
Frequency Range	2400 ~ 2483.5MHz
Channel Number	79
Channel Band Width (99%)	824 kHz
Conducted Output Power	0.68 dBm
Carrier Frequencies	2402 ~ 2480MHz
Antenna	Chip Antenna