

RF Exposure Evaluation

FCC ID: BPJ-WL-BT

1. Client Information

Applicant	:	GROWATT NEW ENERGY CO., LTD.
Address	:	No. 12 Building, Xicheng Industrial Zone, Bao'an District, Shenzhen, P.R. China
Manufacturer	:	GROWATT NEW ENERGY CO., LTD.
Address	:	No. 12 Building, Xicheng Industrial Zone, Bao'an District, Shenzhen, P.R. China

2. General Description of EUT

EUT Name	:	Wireless Module	
Models No.	:	WL-BT	
Model Difference	:	N/A	
Product Description	:	Operation Frequency: 2402MHz~2480MHz	
		Number of Channel:	79Channels see note (2)
		Out Power	1.841 mW (max) conducted power (2.65 dBm)
		Antenna Gain:	2.0 dBi
		Modulation Type:	GFSK 1Mbps
Power Supply	:	DC Voltage supplied from Host System	
Power Rating	:	DC 7~32V from Host System	
Connecting I/O Port(S)	:	Please refer to the User's Manual	

Note

For a more detailed features description, please refer to the RF Test Report.

MPE Calculations

1. No Evaluation required if power is below
 $(60/f(\text{GHz}) \text{ mW})$ where f is the transmit frequency of the EUT.

2. Calculation:

$$\text{EIRP} = P + G$$

Where P=Conducted Output Power (dBm)

G=Power Gain of the Antenna (dBi)

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Test Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)
Bluetooth	2.65	2	4.65	2.917

3. Conclusion:

No SAR Evaluation required since Transmitter EIRP is bellow FCC threshold.