

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.

TB-RF-075-1.0

MPE Calculations

1. No Evaluation required if power is below
(60/f(GHz) mW) where f is the transmit frequency of the EUT.
2. Calculation:
 $EIRP = P + G$
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 below FCC threshold.