



RF Exposure Requirements

1 General Information

Client Information

Applicant : AQUAGEM TECHNOLOGY LIMITED
Address of applicant : FLAT / RM H 19/F MAXGRAND, PLAZA 3 TAI YAU STREET,
SAN PO KONG KL, Hong Kong
Manufacturer : Aquagem Manufacturing Limited
Address of manufacturer : NO.15, 101, 16, 401, 501, No.193, Jinlong Road, Dalong Street,
Panyu District, Guangzhou

General Description of E.U.T

FCC ID : 2BRMV-SJRX1
Product Name : Swim Jet Remote
Model No. : SJR-X1
Model Description : ---
Rating : Input: DC 5V
Battery: 3.7V, 450mAh (Rechargeable Li-ion battery)

Technical Characteristics of EUT

Bluetooth Version : Bluetooth LE
Frequency Range : 2402-2480MHz
Max. RF Output Power : -0.42dBm (Conducted) @1Mbps
Modulation : GFSK
Data Rate : 1Mbps, 2Mbps
Quantity of Channels : 40
Channel Separation : 2MHz
Type of Antenna : PCB Antenna
Antenna Gain : -0.48dBi



2 RF Exposure Exemption

According to S1.1307(b)(3) and 447498 D04 Interim General RF Exposure Guidance v01, system operating under the provisions of this section shall be operating in a manner that the public is not exposed to radiofrequency energy level in excess limit for maximum permissible exposure.

FCC Rule Part 1.1307 (b)(3)(i)(A): The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A).

3 Calculation Result

Radio Access Technology	Min. Distance (cm)	Prediction Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	SAR Test Exclusion Threshold (mW)	Result
BLE	0.5	2402	-0.42	-0.48	-0.90	0.813	1	Pass
Remark: EIRP=Conducted Power+ Antenna Gain.								

=====End of Report=====

WALTEK