Shenzhen Toby Technology Co., Ltd.

RF Exposure Evaluation
FCC ID: P6S-RX402

1. Client Information

Applicant	:	ReFleX Wireless Inc.
Address	:	1400 - 1055 West Hastings Street, Vancouver, V6E 2E9, Canada
Manufacturer	:	ReFleX Wireless Inc.
Address	:	1400 - 1055 West Hastings Street, Vancouver, V6E 2E9, Canada

2. General Description of EUT

EUT Name	:	NutriDisk Pocket Smart Food Scale	
Models No.	:	RX402	
Model Difference	:	N/A	
Product Description	:	Operation Frequency: BLE:2402~2480MHz	
		Number of Channel:	BLE:40 Channels
		Max Peak Output Power:	GFSK:-3.453 dBm
		Antenna Gain:	2 dBi Chip Antenna
		Modulation Type:	1Mbps(GFSK)
Power Supply	:	DC Voltage supplied from Host System by USB cable. DC power by Li-ion Battery.	
Power Rating	:	DC 5.0V by USB cable. DC 3.7V by 500mAh Li-ion Battery.	
Connecting I/O Port(S)	:	Please refer to the User's Manual	

Note:

More test information about the EUT please refer the RF Test Report.

TB-RF-074-1.0

SAR Test Exclusion Calculations

1. **FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v05r02.**

   (1) **Clause 4.3: General SAR test reduction and exclusion guidance**

   Sub clause 4.31: Standalone SAR test exclusion considerations

   1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance≤5 mm are determined by:

   [(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[$\sqrt{f_{(GHz)}}$] ≤3.0 for 1-g SAR

   [(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[$\sqrt{f_{(GHz)}}$] ≤7.5.0 for 10-g SAR

2.

Calculation:

Test separation: 5mm					
BLE Mode (GFSK)					
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	-3.453	±0.5	0.507	0.157	**3.0**
2.442	-4.425	±0.5	0.405	0.127	**3.0**
2.480	-5.124	±0.5	0.345	0.109	**3.0**

So standalone SAR measurements are not required.