Shenzhen Toby Technology Co., Ltd.

Report No.: TB-MPE144828

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RF Exposure Evaluation FCC ID: 2AFIH-BND500

1. Client Information

Applicant: Brand New Days Limited

Address: Flat B, 6/F, Tong Yuen Factory Building, 505 Castle Peak Road, Lai

Chi Kok, Kowloon, Hongkong

Manufacturer : Shenzhen Casun Electronic Co, Ltd.

Address: 4/F, B Building, No.8 Eastern Zone, Shangxue Technology Park,

Bantian, ShenZhen, China

2. General Description of EUT

EUT Name		Bluetooth Wireless Speaker					
Models No.	:	BND500 ECHO					
Model Difference	1	N/A	MORA MORA				
Product Description		Operation Frequency: Bluetooth:2402~2480MHz					
		Number of Channel:	Bluetooth:79 Channels				
		Max Peak Output Power: GFSK: -0.11dBm					
		Antenna Gain: -0.68 dBi PCB Antenna					
		Modulation Type:	GFSK 1Mbps(1 Mbps) π /4-DQPSK(2 Mbps)				
Power Supply		DC Voltage supplied from Host System by USB cable DC power by Li-ion Battery					
Power Rating	-(DC 5V by USB Cable from PC system. DC 3.7V by 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

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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)]*[$\sqrt{f_{(GHz)}}$] \leq 3.0 for 1-g SAR

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



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2.

Calculation:

est separation	ii. Jiiiiii	Rlu	etooth Mode (C	SECK)		
Frequency (GHz)	Conducted Power (dBm)	Ant Gain (dBi)	Turn-up Power Tolerance (dB) ±0.5	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	-0.11	-0.68				
2.441	-1.32	-0.68	±0.5	0.828	0.259	3.0
2.480	-0.58	-0.68	±0.5	0.982	0.309	3.0
	Marie	Blueto	oth Mode (π/4	-DQPSK)	WHI I	
Frequency (GHz) Conducted Power (dBm)		Ant Gain (dBi)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	-4.90	-0.68	±0.5	0.363	0.113	3.0
2.441	-5.27	-0.68	±0.5	0.333	0.104	3.0
2.480	-5.70	-0.68	±0.5	0.302	0.095	3.0

So standalone SAR measurements are not required.