Shenzhen Toby Technology Co., Ltd.

Report No.: TB-MPE145684

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RF Exposure Evaluation FCC ID: 2AGBA-THE-EGG

1. Client Information

Applicant: Wasson Technology CO., LTD.(BVI)

Address: 1404-2, Block B, Building 3, LongGang Tian'an Digital Park,

LongGang District, ShenZhen, GuangDong province, P.R.China

Manufacturer : Wasson Technology CO., LTD.(BVI)

Address: 1404-2, Block B, Building 3, LongGang Tian'an Digital Park,

LongGang District, ShenZhen, GuangDong province, P.R.China

2. General Description of EUT

EUT Name		The Egg					
Models No.		E1					
Model Difference	1	N/A					
Product Description	111	Operation Frequency: Bluetooth:2402~2480MHz WIFI: 802.11b/g/n(HT20): 2412MHz~2462MHz					
	10	Number of Channel:	Bluetooth: 79 Channels BLE: 40 channels WIFI: 802.11b/g/n(HT20):11 channels 802.11n(HT40):9 channels				
	3	Max Peak Output Power:	Bluetooth: 4.771 dBm (π /4-DQPSK) BLE: -2.356 dBm WIFI: 802.11b: 9.19 dBm				
		Antenna Gain: Modulation Type:	1.24 dBi FPC Antenna Bluetooth: GFSK/ π /4-DQPSK/8-DPSK BLE:GFSK WIFI: 802.11b: DSSS 802.11g: OFDM 802.11n: OFDM				
Power Supply	Ξ	DC power supplied by AC/DC Adapter. DC Voltage supplied from Li-ion battery.					
Power Rating	3	Input: AC 100~240V 50/60Hz 0.5A Output: 5V/2A DC 3.7V from 1800mAh Li-ion battery					
Connecting I/O Port(S)			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	: 5mm					
	CAN D	W	iFi Mode(802.1	1b)	1300	W. C.
Frequency (GHz)	Conducted Power (dBm)	Ant Gain (dBi)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.412	9.19	9.19 1.24 ±0.5 9.311		9.311	2.892	3.0
2.437	8.97	1.24	±0.5	8.851	2.763	3.0
2.462	9.19	1.24	±0.5	9.311	2.922	3.0
		W	iFi Mode(802.1	1g)		
Frequency (GHz)	Conducted Power (dBm)	Ant Gain (dBi)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.412	9.14	1.24	±0.5	9.204	2.859	3.0
2.437	9.13	1.24	±0.5	9.183	2.867	3.0
2.462	9.15	1.24	±0.5	9.226	2.895	3.0
Can'l		WiFi	Mode(802.11n(HT20))	20	(III)
Frequency Conducted Power (GHz) (dBm)		Ant Gain (dBi)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.412	9.09	1.24	±0.5	9.099	2.826	3.0
2.437	9.03	1.24	±0.5	8.974	2.802	3.0
2.462	9.11	1.24	±0.5	9.141	2.869	3.0
Tim	حر الأنا	WiFi	Mode(802.11(I	HT40))		(17)
Frequency (GHz)	Conducted Power (dBm)	Ant Gain (dBi)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.422	9.12	1.24	±0.5	9.162	2.852	3.0
2.437	9.13	1.24	±0.5	9.183	2.867	3.0
2.452	9.16	1.24	±0.5	9.247	2.896	3.0



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Test separation	n: 5mm					
AND S	- W		Bluetooth(GFS			
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	.402 4.557		1.24 ±0.5		0.993	3.0
2.441	4.692	1.24	±0.5	3.305	1.033	3.0
2.480	4.702	1.24	±0.5	3.313	1.043	3.0
MALL		Blu	etooth(π /4-DQ	PSK)		Millin
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	4.564	1.24	±0.5	3.209	0.995	3.0
2.441	4.771	1.24	±0.5	3.366	1.052	3.0
2.480	4.721	1.24	±0.5	3.327	1.048	3.0
~ WILL		В	luetooth(8-DPS	SK)	1105	
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	3.460	1.24	±0.5	2.489	0.771	3.0
2.441	3.528	1.24	±0.5	2.528	0.790	3.0
2.480	3.441	1.24	±0.5	2.478	0.780	3.0
	300	151	BLE(GFSK)	13	OH DES	
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	-2.356	1.24	±0.5	0.652	0.202	3.0
2.442	-2.461	1.24	±0.5	0.637	0.199	3.0
2.480	-3.187	1.24	±0.5	0.539	0.170	3.0

So standalone SAR measurements are not required.