

RF Exposure Evaluation Report

APPLICANT : Weifang GoerTek Electronics Co., Ltd
EQUIPMENT : Orika
BRAND NAME : Daydream
MODEL NAME : DG1CA
FCC ID : SZGDG1CA
STANDARD : FCC 47 CFR Part 2 (2.1093)
FCC KDB 447498 D01 v06

We, Sporton International (Kunshan) Inc., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093, and pass the limit. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.



Approved by: Mark Qu / Manager



Sporton International (Kunshan) Inc.
No.3-2 Ping-Xiang Rd, Kunshan Development Zone Kunshan City Jiangsu Province 215335 China



Table of Contents

1. ADMINISTRATION DATA	4
1.1. Testing Laboratory	4
2. DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)	5
3. MAXIMUM RF AVERAGE OUTPUT POWER AMONG PRODUCTION UNITS	6
4. RADIO FREQUENCY RADIATION EXPOSURE EVALUATION	7

**Revision History**

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA7N1006	Rev. 01	Initial issue of report	Jan. 11, 2018

**1. Administration Data****1.1. Testing Laboratory**

Testing Laboratory	
Test Site	Sporton International (Kunshan) Inc.
Test Site Location	No.3-2 Ping-Xiang Rd, Kunshan Development Zone Kunshan City Jiangsu Province 215335 China TEL : +86-512-57900158 FAX : +86-512-57900958

Applicant	
Company Name	Weifang GoerTek Electronics Co., Ltd
Address	Gaoxin 2 Road, Free Trade Zone, Weifang, Shandong, 261205, P.R.China

Manufacturer	
Company Name	Weifang GoerTek Electronics Co., Ltd
Address	Gaoxin 2 Road, Free Trade Zone, Weifang, Shandong, 261205, P.R.China

2. Description of Equipment Under Test (EUT)

Product Feature & Specification	
EUT Type	Orika
Brand Name	Daydream
Model Name	DG1CA
FCC ID	SZGDG1CA
Wireless Technology and Frequency Range	Bluetooth: 2402 ~ 2480 MHz
Mode	Bluetooth v4.2 LE
Antenna Type	Print Antenna
Antenna Gain	-3.3 dBi
HW Version	DVT R3
SW Version	1.0.35
EUT Stage	Identical Prototype
Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.	



3. Maximum RF average output power among production units

<Bluetooth>

Mode	Maximum Average Power (dBm)
Bluetooth v4.2 LE	1.00

4. Radio Frequency Radiation Exposure Evaluation

Mode	Average power(dBm)
	Bluetooth v4.2 LE
2.4GHz Bluetooth	1.0

Note:

- Per KDB 447498 D01v06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$
for 1-g SAR and ≤ 7.5 for 10-g extremity SAR
 - f(GHz) is the RF channel transmit frequency in GHz
 - Power and distance are rounded to the nearest mW and mm before calculation
 - The result is rounded to one decimal place for comparison

Bluetooth Max Power (dBm)	Separation Distance (mm)	Frequency (GHz)	exclusion thresholds
1.0	< 5	2.48	0.3

Note:

Per KDB 447498 D01v06, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.3 which is ≤ 3, SAR testing is not required.

Conclusion:

Bluetooth SAR testing is not required