

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

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Approved by: Mark Qu / Manager



Sporton International (Kunshan) Inc.

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**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