RF Exposure Evaluation Report

APPLICANT	**:**	**Dagabod LLC**
EQUIPMENT	**:**	**Electronic Display Device**
MODEL NAME	**:**	**CW24Wi**
FCC ID	**:**	**2AHXB-4396**
STANDARD	**:**	**47 CFR Part 2.1091**
		KDB 447498 D01 v06

We, SPORTON INTERNATIONAL INC., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1091, and pass the limit. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Eric Huang / Manager

Approved by: Jones Tsai / Manager

Testing Laboratory
1190

SPORTON INTERNATIONAL INC.
No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.)

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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA662707-01	Rev. 01	Initial issue of report	Mar. 14, 2017
FA662707-01	Rev. 02	Revised frequency on page 5.	Apr. 10, 2017
FA662707-01	Rev. 03	Updated section 3	Apr. 17, 2017
FA662707-01	Rev. 04	Updated section 3	Apr. 18, 2017
FA662707-01	Rev. 05	Updated section 3	May. 15, 2017

1. Administration Data

1.1. Testing Laboratory

Testing Laboratory	
Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978

Applicant	
Company Name	Dagabod LLC
Address	1105 2nd Street South, Suite 100, Nampa, Idaho 83651

2. Description of Equipment Under Test (EUT)

Product Feature & Specification	
EUT Type	Electronic Display Device
Model Name	CW24Wi
FCC ID	2AHXB-4396
Wireless Technology and Frequency Range	WLAN 2.4GHz Band: 2412 MHz ~ 2472 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Mode	802.11 b/g/n HT20 Bluetooth BR/EDR

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

3. RF Exposure Evaluation

1. 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:
   [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g 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
2. The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Antenna Primary& Diversity	Tx	Freq. (MHz)	UBDTF Duty Factor	Output Power			Separation distance (mm)	Threshold Value
				Maximum Power (dBm)	Maximum Power (mW)	Adjusted Calculate Power (mW)		
WLAN	802.11b	2472	5.18%	18	63	3	5	0.6
WLAN	802.11g	2472	5.18%	18	63	3	5	0.6
WLAN	802.11n	2472	5.18%	18	63	3	5	0.6
BT	EDR	2480	83.3%	7.5	6	5	5	2

Remark:
1. The duty factor calculation please refer to UBDTF document.
2. When the minimum separation distance is < 5mm, the distance is used 5mm to determine SAR test exclusion, per KDB 447498 D01v06.
3. To exclude the device from SAR testing the threshold value is less than 3.0.

Conclusion:

According to the UBTDF document analysis exhibit, the WLAN and Bluetooth maximum tune-up power scaled down with the transmission factor is applied in standalone SAR test exclusion threshold analysis and is exempted from SAR testing.