

RF Exposure Evaluation Report

APPLICANT : Catha Maeve L.L.C.
EQUIPMENT : Bluetooth Remote
MODEL NAME : CV98LM
FCC ID : 2ABDV-0929
STANDARD : 47 CFR Part 2.1093
FCC KDB 447498 D01 v05r02

We, SPORTON INTERNATIONAL 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 INC., the test report shall not be reproduced except in full.

Eric Huang
Reviewed by: Eric Huang / Deputy Manager



Jones Tsai
Approved by: Jones Tsai / Manager

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Table of Contents

1. Administration Data.....	3
2. General Information.....	3
2.1 Description of Device Under Test (DUT)	3
3. Maximum Tune-up Limit.....	3
4. RF Exposure Evaluation	4

Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA462109	Rev. 01	Initial issue of report	Aug. 02, 2014
FA462109	Rev. 02	Revised Bluetooth version and added tune-up limit	Aug. 04, 2014

1. Administration Data

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

Applicant	
Company Name	Catha Maeve L.L.C.
Address	9465 Counselors Row Suite 200 Indianapolis, Indiana, 46240

2. General Information

2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	Bluetooth Remote
Model Name	CV98LM
FCC ID	2ABDV-0929
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	• Bluetooth v3.0 BR
Antenna Type	Fixed Internal Antenna
DUT Stage	Production Unit

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

3. Maximum Tune-up Limit

Mode / Band	Bluetooth
	1Mbps
	(GFSK)
2.4GHz Bluetooth	3.5

4. RF Exposure Evaluation

Bluetooth Max Power (dBm)	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
3.5	< 5	2.48	0.63

Note:

1. Per KDB 447498 D01v05r02, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* \leq 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for}$$

1-g SAR and \leq 7.5 for 10-g extremity SAR

- $f(\text{GHz})$ 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

Conclusion: Per KDB 447498 D01v05r02, 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 0.63 which is \leq 7.5, SAR testing is not required.