



# RF EXPOSURE EVALUATION REPORT

**FCC ID** : 2AJZC-9434  
**Equipment** : Electronic Display Device  
**Model Name** : PQ94WIF  
**Applicant** : Leopold Equipment LLC  
3350 SW 148th Avenue Suite 110  
Miramar, Florida 33027  
**Standard** : 47 CFR Part 2.1093

We, SPORTON INTERNATIONAL INC has been evaluated in accordance with 47 CFR Part 2.1093 for the device and pass the limit.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Jones Tsai / Manager

**SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory**  
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



## **Table of Contents**

<b>1. DESCRIPTION OF EQUIPMENT UNDER TEST (EUT) .....</b>	<b>4</b>
<b>2. RF EXPOSURE EVALUATION .....</b>	<b>4</b>



## History of this test report



## 1. Description of Equipment Under Test (EUT)

Product Feature & Specification	
<b>EUT Type</b>	Electronic Display Device
<b>Model Name</b>	PQ94WIF
<b>FCC ID</b>	2AJZC-9434
<b>Wireless Technology and Frequency Range</b>	WLAN 2.4GHz Band: 2412 MHz ~ 2472 MHz Bluetooth: 2402 MHz ~ 2480 MHz
<b>Mode</b>	802.11b/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.

**Reviewed by: Eric Huang**

**Report Producer: Daisy Peng**

## 2. RF Exposure Evaluation

1. 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:  

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$
 for 1-g 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
2. The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  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)	UBTDF Duty Cycle <small>Note 1</small>	Output Power			Separation distance (mm) <small>Note 3</small>	Threshold Value <small>Note 4</small>
				dBm	mW	mW <small>Note 2</small>		
WLAN	802.11b	2472	5.18%	19	79	4	5	1
WLAN	802.11g	2472	5.18%	18	63	3	5	1
WLAN	802.11n	2472	5.18%	18	63	3	5	1
BT	BR	2480	83.3%	8	6	5	5	2

**Note:**

1. UBTDF duty factor calculation in this document.
2. Maximum power adjusted for UBTDF (see note 1) and rounded to closest mW as per KDB 447498 procedures.
3. Minimum test separation distance between enclosure and person is 5mm per KDB 616217 D04 Tablet computer device test procedures.
4. To exclude the device from SAR testing the threshold value must be 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.