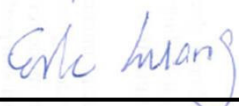


# FCC SAR Test Report

APPLICANT : Zebra Technologies Corporation  
EQUIPMENT : Enterprise Tablet  
BRAND NAME : Zebra  
MODEL NAME : ET50PE  
FCC ID : UZ7ET50PE  
STANDARD : FCC 47 CFR Part 2 (2.1093)  
ANSI/IEEE C95.1-1992  
IEEE 1528-2013

We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and had been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.



Reviewed by: Eric Huang / Deputy Manager



Approved by: Jones Tsai / Manager



## 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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Appendix A. SAR Reference Report

Appendix B. Test Setup Photos



## Revision History

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FA641935   | Rev. 01 | Initial issue of report | Jun. 30, 2016 |
|            |         |                         |               |
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**1. Statement of Compliance**

The maximum results of Specific Absorption Rate (SAR) found during testing for **Zebra Technologies Corporation, Enterprise Tablet, ET50PE** are as follows.

| Equipment Class | Frequency Band | Highest SAR Summary      | Highest Simultaneous Transmission<br>1g SAR (W/kg) |
|-----------------|----------------|--------------------------|----------------------------------------------------|
|                 |                | Body<br>(Separation 0mm) |                                                    |
|                 |                | 1g SAR (W/kg)            |                                                    |
| DTS             | 2.4GHz WLAN    | 0.87                     | 1.55                                               |
| NII             | 5GHz WLAN      | 1.15                     | 1.15                                               |
| DSS             | Bluetooth      | 0.21                     | 0.21                                               |

This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg) specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications

## **2. Administration Data**

| 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.)<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 |

| Applicant    |                                     |
|--------------|-------------------------------------|
| Company Name | Zebra Technologies Corporation      |
| Address      | 1 Zebra Plaza, Holtsville, NY 11742 |

| Manufacturer |                                     |
|--------------|-------------------------------------|
| Company Name | Zebra Technologies Corporation      |
| Address      | 1 Zebra Plaza, Holtsville, NY 11742 |

## **3. Equipment Under Test (EUT) Information**

| Product Feature & Specification         |                                                                                                                                                                                                                                                                |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment Name                          | Enterprise Tablet                                                                                                                                                                                                                                              |
| Brand Name                              | Zebra                                                                                                                                                                                                                                                          |
| Model Name                              | ET50PE                                                                                                                                                                                                                                                         |
| FCC ID                                  | UZ7ET50PE                                                                                                                                                                                                                                                      |
| IMEI Code                               | 352233070055141                                                                                                                                                                                                                                                |
| S / N                                   | KP61000145                                                                                                                                                                                                                                                     |
| Wireless Technology and Frequency Range | WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz<br>WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz<br>WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz<br>WLAN 5.5GHz Band: 5500 MHz ~ 5700 MHz<br>WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz<br>Bluetooth: 2402 MHz ~ 2480 MHz<br>NFC : 13.56 MHz |
| Mode                                    | · 802.11a/b/g/n/ac HT20/HT40/VHT20/VHT40/VHT80<br>· Bluetooth EDR/LE<br>· NFC:ASK                                                                                                                                                                              |
| HW Version                              | DV1                                                                                                                                                                                                                                                            |
| SW Version                              | 5.1.1                                                                                                                                                                                                                                                          |
| FW Version                              | 7.35.205.4                                                                                                                                                                                                                                                     |
| MFD                                     | 23-Mar-16                                                                                                                                                                                                                                                      |
| EUT Stage                               | Identical Prototype                                                                                                                                                                                                                                            |

#### **4. Re-use of Measured Data**

1. Introduction Section

(FCC ID: UZ7ET50PE, model:ET50PE) and (FCC ID: UZ7ET55BE, model: ET55BE) are electrically identical in WLAN/BT/NFC circuitry, antenna, hardware and software. (FCC ID: UZ7ET50PE, model: ET50PE) will reuse the SAR test results of (FCC ID: UZ7ET55BE, model: ET55BE).

The applicant takes full responsibility that the test data as referenced in this section represent compliance for this FCC ID.

2. Difference Section

(FCC ID: UZ7ET50PE, model: ET50PE) is a variant from (FCC ID: UZ7ET55BE, model: ET55BE) with some components are removed (or added). The components removed (or added) are for WWAN operation, and those don't impact the performance of WLAN/BT/NFC. The detailed comparison of (FCC ID: UZ7ET50PE, model: ET50PE) and (FCC ID: UZ7ET55BE, model: ET55BE) is included in the Operational Description.

3. Spot Check Verification Data Section

In order to confirm hardware similarity of the subject device with the reference device, spot check has been performed on (FCC ID: UZ7ET50PE, model: ET50PE) for SAR, the test result were consistent with FCC ID: UZ7ET55BE.

4. Reference detail Section:

| Equipment Class | Reference FCC ID | Folder Test/RF Exposure | Report Title/Section                        |
|-----------------|------------------|-------------------------|---------------------------------------------|
| DTS             | UZ7ET55BE        | RF Exposure (FA650305)  | All sections applicable, except PCB section |
| NII             | UZ7ET55BE        | RF Exposure (FA650305)  | All sections applicable, except PCB section |
| DSS             | UZ7ET55BE        | RF Exposure (FA650305)  | All sections applicable, except PCB section |