



# FCC CO-LOCATION RADIO TEST REPORT

FCC ID : UZ7MC930B  
Equipment : Mobile computer  
Brand Name : Zebra  
Model Name : MC930B  
Applicant : Zebra Technologies Corporation  
1 Zebra Plaza, Holtsville, NY 11742  
Manufacturer : Zebra Technologies Corporation  
1 Zebra Plaza, Holtsville, NY 11742  
Standard : FCC Part 15 Subpart E §15.407

The product was received on Nov. 26, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

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

Approved by: Jones Tsai

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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### History of this test report

Report No.	Version	Description	Issued Date
FR8N2627G	01	Initial issue of report	Mar. 07, 2019

<b>Declaration of Conformity:</b>
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
<b>Comments and Explanations:</b>
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Wii Chang**  
**Report Producer: Polly Tsai**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile computer
Brand Name	Zebra
Model Name	MC930B
FCC ID	UZ7MC930B
Sample 1	EUT with SKU 1
Sample 2	EUT with SKU 2
Sample 3	EUT with SKU 3
Sample 4	EUT with SKU 4
Sample 5	EUT with SKU 5
Sample 6	EUT with SKU 6
Sample 7	EUT with SKU 7
EUT supports Radios application	WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
HW Version	EV1
SW Version	01-14-11.00-OG
FW Version	FUSION_QA_2_1.3.0.004_O
MFD	28OCT18
EUT Stage	Engineering Sample

**Remark:**

1. The above EUT's information was declared by manufacturer.
2. This is a variant report. All the test cases were performed on original report which can be referred to Sporton Report Number FR8N2626G.

Specification of Accessories				
Adapter (5V/2.5A)	Brand Name	Zebra	Part Number	PWR-WUA5V12W0US
USB-C Adapter	Brand Name	Zebra	Part Number	CBL-MC93-USBCHG-01
USB-C cable	Brand Name	Zebra	Part Number	CBL-TC2X-USBC-01
Std Battery	Brand Name	Zebra	Part Number	BT-000370-00
Holster	Brand Name	Zebra	Part Number	051607-79N1-18

**<Sample Information>**

Model Name	MC930P					MC930B	
	SKU3	SKU4	SKU5	SKU6	SKU7	SKU1	SKU2
<b>Organization / Function / Group</b>	EV1a-G21	EV1a-G22	EV1a-G23	EV1a-F11	EV1a-F13	EV1a-G02	EV1a-G03
<b>nm</b>	G-2S-1D-53k	G-2S-2D-53k	G-2S-LRI-53k	G-1F-1D-53k	G-1F-LRI-53k	G-BS-2D-53k	G-BS-LRI-53k
<b>Product Number</b>	MC930P-GS BDG4NA	MC930P-GS DDG4NA	MC930P-GS FDG4NA	MC930P-GF ADG4NA	MC930P-GF EDG4NA	MC930B-GS CDG4NA	MC930B-GSE DG4NA
<b>Form factor</b>	Gun	Gun	Gun	Gun	Gun	Gun	Gun
<b>Package/Component Category</b>	Pkg2	Pkg2	Pkg2	Pkg1 CS	Pkg 1 CS	Base	Base
<b>NFC</b>	YES	YES	YES	YES	YES	NO	NO
<b>Vib</b>	YES	YES	YES	YES	YES	NO	NO
<b>Camera</b>	YES	YES	YES	NO	NO	NO	NO
<b>NI</b>	NO	NO	NO	NO	NO	NO	NO
<b>Side Trigger</b>	NO	NO	NO	NO	NO	NO	NO
<b>Display + TP Stackup</b>	Option2	Option2	Option2	Option5	Option5	Option 2	Option 2
<b>Scanner</b>	SE965	SE4750SR	SE4850	SE965	SE4850	SE4750SR	SE4850
<b>Battery</b>	Std	Std	Std	Fzr	Fzr	Std	Std
<b>Keyboard</b>	53 Key	53 Key	53 Key	53 Key	53 Key	53 Key	53 Key
<b>Build Date</b>	Oct 2018	Oct 2018	Oct 2018	Nov 2018	Nov 2018	Oct 2018	Oct 2018



### 1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
<b>Tx/Rx Frequency Range</b>	WLAN 802.11b: 2412 MHz ~ 2462 MHz WLAN 802.11a: 5180 MHz ~ 5240 MHz; 5260 MHz ~ 5320 MHz; 5500 MHz ~ 5720 MHz; 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz
<b>Antenna Type / Gain</b>	<b>&lt;2412 MHz ~ 2462 MHz&gt;</b> Ant. 1 : Patch Antenna with gain 3.85 dBi Ant. 2 : Patch Antenna with gain 4.58 dBi <b>&lt;5150 MHz ~ 5250 MHz&gt;</b> Ant. 1 : Patch Antenna with gain 4.52 dBi Ant. 2 : Patch Antenna with gain 3.12 dBi <b>&lt;5250 MHz ~ 5350 MHz&gt;</b> Ant. 1 : Patch Antenna with gain 4.12 dBi Ant. 2 : Patch Antenna with gain 3.92 dBi <b>&lt;5470 MHz ~ 5725 MHz&gt;</b> Ant. 1 : Patch Antenna with gain 2.88 dBi Ant. 2 : Patch Antenna with gain 3.92 dBi <b>&lt;5725 MHz ~ 5850 MHz&gt;</b> Ant. 1 : Patch Antenna with gain 2.71 dBi Ant. 2 : Patch Antenna with gain 3.35 dBi <b>&lt;Bluetooth&gt;</b> Patch Antenna with gain 3.85 dBi
<b>Type of Modulation</b>	802.11b: DSSS (DBPSK / DQPSK / CCK) 802.11a: OFDM (BPSK / QPSK / 16QAM / 64QAM) Bluetooth BR (1Mbps): GFSK Bluetooth EDR (2Mbps): $\pi/4$ -DQPSK Bluetooth EDR (3Mbps): 8-DPSK Bluetooth LE: GFSK

### 1.3 Modification of EUT

No modifications are made to the EUT during all test items.

—————THE END—————