RF EXPOSURE EVALUATION REPORT

FCC ID	:	**UZ7CS6080**
Equipment	:	**Scanner**
Brand Name	:	**Zebra**
Model Name	:	**CS6080**
Applicant	:	**Zebra Technologies Corporation** **1 Zebra Plaza, Holtsville, NY 11742**
Standard	:	**47 CFR Part 2.1093** **FCC KDB 447498 D01 v06**

We, SPORTON INTERNATIONAL INC has been evaluated this product in accordance with 47 CFR Part 2.1093 and it complies with applicable limit.

The results in this 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: Cona Huang / Deputy Manager

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Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FA042916	Rev. 01	Initial issue of report	Aug. 14, 2020

1. General Information

1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	Scanner
Brand Name	Zebra
Model Name	CS6080
FCC ID	UZ7CS6080
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	Bluetooth BR/EDR/LE/HS
HW Version	EV2
SW Version	N15
MFD	08MAY20
DUT Stage	Engineering sample

Reviewed by: Jason Wang

Report Producer: Wan Liu

2. Maximum RF output power among production units

Mode	Maximum Output Power (dBm)
Bluetooth	5.7

3. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
5.7	3.72	5	2.48	1.17

Note:

1. For the Bluetooth active only when the device is scanning, therefore, hand exposure is applied.
2. Per KDB 447498 D01v06 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 and ≤ 7.5 for 10-g extremity 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

Conclusion: Per KDB 447498 D01v06, 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 1.17 which is <= 7.5, SAR testing is not required.