FCC SAR Test Report

APPLICANT	:	Symbol Technologies Inc
EQUIPMENT	:	Enterprise Digital Assistant (EDA)
BRAND NAME	:	Symbol
MODEL NAME	:	MC55A0
FCC ID	:	H9PMC55A0
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

Testing Laboratory
1190

SPORTON INTERNATIONAL INC.
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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA0O0411-11	Rev. 01	This is a variant report for updating 5.2GHz / 5.8GHz WLAN conducted power by FCC new rule and does not affect original SAR test results.	Oct. 26, 2015

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 District, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978

Applicant	
Company Name	Symbol Technologies Inc
Address	1 Zebra Plaza, Holtsville, NY 11742

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

2. Guidance Standard

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards:

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- IEEE 1528-2013
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04
- FCC KDB 865664 D02 SAR Reporting v01r02

3. Equipment Under Test (EUT)

3.1 General Information

Product Feature & Specification	
Equipment Name	Enterprise Digital Assistant (EDA)
Brand Name	Symbol
Model Name	MC55A0
FCC ID	H9PMC55A0
Wireless Technology and Frequency Range	WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz WLAN 5.5GHz Band: 5500 MHz ~ 5700 MHz WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Mode	・802.11a/b/g ・Bluetooth v2.1+EDR
HW Version	MV
SW Version	03.47.0004
FW Version	05.02.29217
Function Version	3.00.2.0.031R
EUT Stage	Identical Prototype
Remark: 1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.	

4. Conducted RF Output Power (Unit: dBm)

<5GHz WLAN Conducted Power>

Band / Frequency (MHz)			IEEE 802.11 Average Power (dBm)
			11a
5.2GHz Band	CH 36	5180	12.64
	CH 40	5200	14.13
	CH 44	5220	14.22
	CH 48	5240	13.19

Band / Frequency (MHz)			IEEE 802.11 Average Power (dBm)
			11a
5.8GHz Band	CH 149	5745	15.03
	CH 153	5765	13.94
	CH 157	5785	13.99
	CH 161	5805	13.84
	CH 165	5825	13.73

5. References

[1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

[3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013

[4] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.

[5] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.