FCC DFS TEST REPORT

FCC ID	:	**Z64-CC3235MOD**
Equipment	:	**Dual-Band Wi-Fi® Module**
Brand Name	:	**Texas Instruments**
Model Name	:	**CC3235MODASM2MON CC3235MODASF12MON**
Marketing Name	:	**SimpleLink ™ Wi-Fi® CC3235MOD Dual-Band Wireless Microcontroller Module**
Applicant	:	**Texas Instruments Incorported 12500 TI BLVD., Dallas Texas, 75243**
Manufacturer	:	**Texas Instruments Incorported 12500 TI BLVD., Dallas Texas, 75243**
Standard	:	**FCC Part 15 Subpart E**

The product was received on Dec. 19, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in FCC Part 15 Subpart E and shown 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.

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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Table of Contents

History of this test report **3**
1 General Description **4**
1.1 Feature of Equipment Under Test 4
1.2 Modification of EUT 4
Appendix A. Original Report

History of this test report

Report No.	Version	Description	Issue Date
FZ8D1924	01	Initial issue of report	Nov. 19, 2019

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
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: Ruby Zou

1 General Description

1.1 Feature of Equipment Under Test

Wi-Fi 2.4GHz 802.11b/g/n and Wi-Fi 5GHz 802.11a

Antenna Information					
	Antenna Type	Brand Name	Model	2.4GHz ~ 2.5GHz Gain(dBi)	4.9GHz ~ 5.8GHz Gain(dBi)
1.	PCB	Texas Instruments	CC3235MODAx Dual-Band Wi-Fi Antenna	3.5	4.5
2.	Chip	Pulse	W3078	1.7	4.3
3.		Yageo	ANT5320LL04R2455A	2.17	3.51
4.		Ethertronics	M830520	1	2.6
5.	PCB		1000423	-0.6	4.5
6.		Laird	CAF94504	2	4
7.			CAF94505	2	4
8.	Dipole	LSR	001-0012	2	2
9.			080-0013	2	2
10.			080-0014	2	2
11.	PIFA		001-0016	2.5	3
12.			001-0021	2.5	3
Note: The EUT used a Dual-Band Wi-Fi Antenna (Antenna 1 from Texas Instruments)					

Remark: This is a variant report by changing model name and adding a new antenna model. Since the test result is not affected by the changes, all the test cases were performed on original report which can be referred to Sporton Report Number FZ8D1930 as appendix A.

1.2 Modification of EUT

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

Appendix A. Original Report

Please refer to Sporton report number FZ8D1930 as below