

TEST REPORT

Reference No...... : WTS19S12086775W004
FCC ID : YETK03100100
Applicant..... : Nextivity Incorporated
Address..... : 16550 West Bernardo Drive, Bldg. 5, Suite 550 San Diego, CA
92127, USA
Manufacturer : Nextivity Incorporated
Address..... : 16550 West Bernardo Drive, Bldg. 5, Suite 550 San Diego, CA
92127, USA
Product..... : CEL FI COMPASS
Model(s). : K03-100-100
Standards..... : FCC CFR47 Part 22 Subpart H: 2019
FCC CFR47 Part 24 Subpart E: 2019
FCC CFR47 Part 27 Subpart L: 2019
Date of Receipt sample : 2019-12-12
Date of Test : 2019-12-13 to 2019-12-17
Date of Issue..... : 2019-12-19
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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2 Contents

	Page
1 COVER PAGE.....	1
2 CONTENTS	2
3 REVISION HISTORY	3
4 GENERAL INFORMATION.....	4
4.1 GENERAL DESCRIPTION OF E.U.T.	4
4.2 DETAILS OF E.U.T.	4
5 TEST SUMMARY	5
6 RF EXPOSURE.....	6

3 Revision History

Test report No.	Date of Receipt sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTS19S12086 775W004	2019-12-12	2019-12-13 to 2019-12-17	2019-12-19	original	-	Valid

4 General Information

4.1 General Description of E.U.T.

Product:	CEL FI COMPASS
Model(s):	K03-100-100
Model Description:	N/A
WCDMA Band(s):	FDD Band II/IV/V
LTE Band(s):	FDD Band 2/4/5/7/12/13/25/26 TDD Band 38/41
Bluetooth Version:	Bluetooth v4.0 with BLE
Hardware Version:	591NK03NEXT1NEXT7M01r07
Software Version:	700N036-064-001

4.2 Details of E.U.T.

Operation Frequency:	WCDMA Band II: 1850~1910MHz WCDMA Band V: 824~849MHz WCDMA Band IV:1710~1755MHz
Max. RF output power:	WCDMA Band II: 25dBm WCDMA Band V: 25dBm WCDMA Band IV: 25dBm
Type of Modulation:	EDGE: GMSK, 8PSK WCDMA: BPSK, 16QAM
Antenna installation:	WCDMA: Whip
Antenna Gain:	WCDMA Band II: 0dBi WCDMA Band V: 1.0dBi WCDMA Band IV: 0dBi
Ratings:	Battery DC 3.7V, 8000mAh DC 5V, 3A, charging from adapter (Adapter Input: 100-240V~50/60Hz 0.6A)
Adapter:	Manufacturer: SHENZHEN UNIONTOP ELECTRONIC CO.,LTD Model No.: UT20-050300W
Type of Emission:	WCDMA850: 4M13F9W, WCDMA1900: 4M15F9W, WCDMA1700: 4M14F9W

5 Test Summary

Test Items	Test Requirement	Result
RF Output Power	2.1046 22.913 (a) 24.232 (c) 27.50(c) 27.50(d)	PASS
Peak-to-Average Ratio	24.232 (d) 27.50(d)	PASS
Bandwidth	2.1049 22.905 22.917 24.238 27.53(a)	PASS
Spurious Emissions at Antenna Terminal	2.1051 22.917 (a) 24.238 (a) 27.53(h)	PASS
Field Strength of Spurious Radiation	2.1053 22.917 (a) 24.238 (a) 27.53(h)	PASS
Out of band emission, Band Edge	22.917 (a) 24.238 (a) 27.53(h)	PASS
Frequency Stability	2.1055 22.355 24.235 27.5(h) 27.54	PASS
Maximum Permissible Exposure (SAR)	1.1307 2.1093	PASS

Note: All radio test result refer to FCC ID: XMR201903EG25G, including RF Output Power, Peak-to-Average Ratio, Bandwidth, Spurious Emissions at Antenna Terminal, Field Strength of Spurious Radiation, Out of band emission or Band Edge and Frequency Stability. Because the antenna gain are less than the single modular test antenna gain.

