FCC RF Test Report

APPLICANT : HMD global Oy EQUIPMENT : Mobile Phone

BRAND NAME : Nokia MODEL NAME : TA-1183

FCC ID : 2AJOTTA-1183

STANDARD : 47 CFR Part 15 Subpart C §15.247 CLASSIFICATION : (DTS) Digital Transmission System

This is a data re-used report which is only valid together with the original test report. We, Sporton International (Kunshan) Inc., 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 test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.



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TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: 2AJOTTA-1183 Page Number : 1 of 6
Report Issued Date : May 17, 2019
Report Version : Rev. 01

Report No.: FR930509-05B

TABLE OF CONTENTS

1	GEN	ERAL DESCRIPTION	. 4
	1.1	Applicant	. 4
	1.2	Manufacturer	. 4
	1.3	Product Feature of Equipment Under Test	. 4
	1.4	Product Specification of Equipment Under Test	. 4
	1.5	Modification of EUT	. 4
	1.6	Re-use of Measured Data	. 5

APPENDIX A. REFERENCE REPORT

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: 2AJOTTA-1183 Page Number : 2 of 6
Report Issued Date : May 17, 2019
Report Version : Rev. 01

Report No. : FR930509-05B

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR930509-05B	Rev. 01	Initial issue of report	May 17, 2019

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TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: 2AJOTTA-1183 Page Number : 3 of 6
Report Issued Date : May 17, 2019
Report Version : Rev. 01

Report No. : FR930509-05B

1 General Description

1.1 Applicant

HMD global Oy

Bertel Jungin aukio 9, 02600 Espoo, Finland

1.2 Manufacturer

HMD global Oy

Bertel Jungin aukio 9, 02600 Espoo, Finland

1.3 Product Feature of Equipment Under Test

Product Feature			
Equipment	Mobile Phone		
Brand Name	Nokia		
Model Name	TA-1183		
FCC ID	2AJOTTA-1183		
EUT supports Radios application	WCDMA/HSPA/DC-HSDPA/HSPA+/LTE WLAN 2.4GHz 802.11b/g/n HT20 Bluetooth BR / EDR / LE FM Receiver and GNSS		
HW Version	DVT_0.2		
SW Version	00WW_0_095		
EUT Stage	Identical Prototype		

Report No.: FR930509-05B

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification			
Tx/Rx Frequency Range	2402 MHz ~ 2480 MHz		
Number of Channels	40		
Carrier Frequency of Each Channel	40 Channel(37 hopping + 3 advertising channel)		
Antenna Type / Gain	IFA Antenna with gain -0.18 dBi		
	Bluetooth BR (1Mbps) : GFSK		
Type of Modulation	Bluetooth EDR (2Mbps) : π /4-DQPSK		
	Bluetooth EDR (3Mbps) : 8-DPSK		

1.5 Modification of EUT

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

 Sporton International (Kunshan) Inc.
 Page Number
 : 4 of 6

 TEL: +86-512-57900158
 Report Issued Date
 : May 17, 2019

 FAX: +86-512-57900958
 Report Version
 : Rev. 01

FCC ID : 2AJOTTA-1183 Report Template No.: BU5-FR15CWL Version 2.0

1.6 Re-use of Measured Data

1.6.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: TA-1183, FCC ID: 2AJOTTA-1183) is electrically identical to the reference device (Model: TA-1184, FCC ID: 2AJOTTA-1184) for the portions of the circuitry corresponding to the data being re-used, as treated by KDB Publication 484596 D01.

Report No.: FR930509-05B

1.6.2 Difference Section

For details concerning the similarity with respect to component placement, mechanical/electrical design etc., please refer to the Product Equality Declaration.

The re-used RF data includes the following bands provided in Appendix A (Sporton RF Report No. FR930509-01B for the reference device Model: TA-1184, FCC ID: 2AJOTTA-1184).

1.6.3 Reference detail Section:

Equipment Class	Reference FCC ID	Folder Test	Report Title/Section
DSS (BR/EDR)	2AJOTTA-1184	Part15C(FR930509-01A)	All sections applicable
DTS (BLE)	2AJOTTA-1184	Part15C(FR930509-01B)	All sections applicable
DTS (WLAN)	2AJOTTA-1184	Part15C(FR930509-01C)	All sections applicable

 Sporton International (Kunshan) Inc.
 Page Number
 : 5 of 6

 TEL: +86-512-57900158
 Report Issued Date
 : May 17, 2019

 FAX: +86-512-57900958
 Report Version
 : Rev. 01

FCC ID : 2AJOTTA-1183 Report Template No.: BU5-FR15CWL Version 2.0

1.6.4 Spot Check Verification Data Section

In order to confirm hardware similarity of the subject device with the reference device, spot check measurements were performed on the subject device for the following test items, the test result were consistent with FCC ID: 2AJOTTA-1184.

Assertions concerning the similarity of these devices are based on representations by the applicant. The applicant accepts full responsibility for the validity of the similarity claim, and for the determination that verification test data are sufficient to support it.

Test Item	Mode	2AJOTTA-1184 Worst Result	2AJOTTA-1183 Worst Result	Difference (dB)
Radiated	BT (BR/EDR)	55.35	51.93	3.75
Spurious Emission	BT (LE)	38.55	38.27	0.28
(dBuV/m)	11g 2.4GHz	43.57	42.51	1.06

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TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: 2AJOTTA-1183 Page Number : 6 of 6
Report Issued Date : May 17, 2019
Report Version : Rev. 01

Report No.: FR930509-05B

Appendix A. Reference Report

Please refer to Sporton report number FR930509-01B which is issued separately.

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: 2AJOTTA-1183 Page Number : A1 of A1
Report Issued Date : May 17, 2019
Report Version : Rev. 01

Report Template No.: BU5-FR15CWL Version 2.0

Report No.: FR930509-05B