



# 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.



Approved by: James Huang / Manager

**Sporton International (Kunshan) Inc.**  
**No. 1098, Pengxi North Road, Kunshan Economic Development Zone,**  
**Jiangsu Province 215335, China**



# TABLE OF CONTENTS

**1 GENERAL 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**



### REVISION HISTORY

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



# 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

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 Channel Frequency Range	2412 MHz ~ 2462 MHz
Antenna Type / Gain	IFA Antenna with gain -0.18 dBi
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

## 1.5 Modification of EUT

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



## 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.

### 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. FR930509-01C 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



**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 Spurious Emission (dBuV/m)	BT (BR/EDR)	55.35	51.93	3.75
	BT (LE)	38.55	38.27	0.28
	11g 2.4GHz	43.57	42.51	1.06



## **Appendix A. Reference Report**

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