

# DYNAMIC FREQUENCY SELECTION

## DFS Test Report

APPLICANT : HMD Global Oy  
EQUIPMENT : Mobile Phone  
BRAND NAME : Nokia  
MODEL NAME : TA-1196  
FCC ID : 2AJOTTA-1196  
STANDARD : FCC Part 15 Subpart E  
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure

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.

Jason Jia

Reviewed by: Jason Jia / Supervisor

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## APPENDIX A. REFERENCE REPORT



### REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FZ952704-01	Rev. 01	Initial issue of report	Jul. 29, 2019

# 1 General Description

## 1.1 Applicant

HMD Global Oy  
 Bertel Jungin aukio 9,02600 ESPOO. FINLAND

## 1.2 Product Feature of Equipment Under Test

Product Feature	
<b>Equipment</b>	Mobile Phone
<b>Brand Name</b>	Nokia
<b>Model Name</b>	TA-1196
<b>FCC ID</b>	2AJOTTA-1196
<b>EUT supports Radios application</b>	GSM/GPRS/EGPRS/WCDMA/HSPA/ DC-HSDPA/HSPA+(16QAM uplink is not supported) LTE/FM Receiver/GNSS/NFC WLAN 2.4GHz 802.11b/g/n HT20 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
<b>HW Version</b>	LLDM690A
<b>SW Version</b>	LLDB701
<b>EUT Stage</b>	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.

## 1.3 Product Specification of Equipment Under Test

Standards-related Product Specification	
<b>DFS Function</b>	Client without radar detection function
<b>Tx/Rx Channel Frequency Range</b>	5260 MHz ~ 5320 MHz 5500 MHz ~ 5700 MHz
<b>EUT support WLAN function</b>	802.11a 802.11n HT20 802.11n HT40 802.11ac VHT20 802.11ac VHT40 802.11ac VHT80
<b>Type of Modulation</b>	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

## 1.4 Modification of EUT

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



## 1.5 Re-use of Measured Data

### 1.5.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: TA-1196, FCC ID: 2AJOTTA-1196) is electrically identical to the reference device (Model: TA-1178, FCC ID: 2AJOTTA-1178) for the portions of the circuitry corresponding to the data being re-used, as treated by KDB Publication 484596 D01.

### 1.5.2 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. FZ952704 for the reference device Model: TA-1178, FCC ID: 2AJOTTA-1178).

### 1.5.3 Reference detail Section:

Equipment Class	Reference FCC ID	Folder Test	Report Title/Section
NII (B1~3)	2AJOTTA-1178	Part15E (FR952704E)	All sections applicable
NII (B4)	2AJOTTA-1178	Part15E (FR952704F)	All sections applicable
NII (DFS)	2AJOTTA-1178	Part15E (FZ952704)	All sections applicable

### 1.5.4 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 Channel Move Time and Channel Closing Transmission time, the test result were consistent with FCC ID: 2AJOTTA-1178.



## **Appendix A. Reference Report**

Please refer to Sporton report number FZ952704 which is issued separately.