



Spot Check Evaluation

APPLICANT : HMD Global Oy
EQUIPMENT : GSM/WCDMA/LTE Mobile Phone
BRAND NAME : NOKIA
MODEL NAME : TA-1393
FCC ID : 2AJOTTA-1393
STANDARD : 47 CFR Part 2, 22(H), 24(E), 27(L), 27(M)

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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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	GSM/WCDMA/LTE Mobile Phone
Brand Name	NOKIA
Model Name	TA-1393
FCC ID	2AJOTTA-1393
EUT supports Radios application	GSM/WCDMA/LTE FM Receiver
HW Version	HW0241
SW Version	0.2105.11.10

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 Modification of EUT

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



2 Re-use of Measured Data

2.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: TA-1393, FCC ID: 2AJOTTA-1393) is electrically identical to the reference device (Model: TA-1395, FCC ID: 2AJOTTA-1395) for the portions of the circuitry corresponding to the data being re-used. Based on their similarity, the FCC Part 22, 24, 27 (equipment class: PCE) reuse the original model's result and do spot-check, following the FCC KDB 484596 D01 v01.

The applicant shall take full responsibility that the test data as referenced in this report represent compliance for this FCC ID: 2AJOTTA-1393 as described in KDB 484596 D01 v01.

2.2 Model Difference Information

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

2.3 Reference detail Section:

Rule Part	Equipment Class	Frequency Band (MHz)	Reference FCC ID(Parent)	Type Grant/ Permissive Change	Reference Title	FCC ID Filling (Variant)	Report Title/Section
22/24/27	PCE (GSM)	850/1900	2AJOTTA-1395	Original Grant	FG112111A	2AJOTTA-1393	All sections applicable
	PCE (WCDMA)	Band II, IV, V	2AJOTTA-1395	Original Grant	FG112111A	2AJOTTA-1393	All sections applicable
	PCE (LTE)	B2/4/5/7	2AJOTTA-1395	Original Grant	FG112111B	2AJOTTA-1393	All sections applicable



2.4 Spot Check Verification Data Section

Conducted power test and radiated spurious emission test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model

Summary for power and RSE spot check for each rule entry and technology is listed as below:

Test Item	Mode	2AJOTTA-1395 Parent Worst Result	2AJOTTA-1393 Variant Check Result	Difference (dB)
Conducted Power (dBm)	WWAN GSM 850	32.24	32.35	0.11
	WWAN GSM 1900	29.36	29.33	-0.03
	WWAN WCDMA Band V	23.98	24.09	0.11
	WWAN WCDMA Band II	23.79	24.01	0.22
	WWAN WCDMA Band IV	23.83	23.95	0.12
	WWAN LTE Band 2	22.84	22.98	0.14
	WWAN LTE Band 4	22.97	23.00	0.03
	WWAN LTE Band 5	22.90	23.04	0.14
WWAN LTE Band 7	22.78	22.97	0.19	

Test Item	Mode	2AJOTTA-1395 Parent Worst Result	2AJOTTA-1393 Variant Check Result	Difference (dB)
Radiated Spurious Emission (dBm)	WWAN GSM 850	-45.49	-45.79	-0.30
	WWAN LTE Band 2	-48.55	-47.38	1.17
	WWAN LTE Band 4	-52.63	-50.01	2.62
	WWAN LTE Band 7	-45.02	-44.98	0.04

Conclusion:

Radiated spurious emission test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

Based on the spot check test result, the test data from the original model is representative for the variant model. The power level and RSE spot check are shown within expected level compliant to limit line.

We are using power and ERP/EIRP measurements from the original parent model reports to list on the grant.

We confirm that the test data reuse policy of FCC KDB 484596 D01 Referencing Test Data v01 has been followed and the test data as referenced from the parent model report represents compliance with new FCC ID.

-THE END-