



SPOT CHECK EVALUATION

FCC ID : PY7-77089S
Equipment : GSM/WCDMA/LTE/5G Phone with BT, DTS/UNII
a/b/g/n/ac/ax, GPS and NFC
Brand Name : Sony
Applicant : Sony Corporation
1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
Standard : FCC Part 15 Subpart C §15.225

The product was received on Jun. 16, 2021 and testing was started from Jul. 07, 2021 and completed on Jul. 08, 2021. We, Sporton International Inc. Wensan Laboratory, 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 spot check data report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

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1. Introduction Section

Sony Corporation, hereby declares that the NFC hardware of PY7-77089S (this model) are HW identical to PY7-38061M (lead). In addition, PY7-77089S (this model) digital circuit is identical to PY7-38061M (lead). Therefore the following report of PY7-38061M (lead) may be used as reference test data for PY7-77089S (this model), along with the spot check verification data following the FCC KDB 484596 D01 v01.

- NFC



2. Difference Section

Difference between PY7-38061M (lead) and PY7-77089S (this model):

Sony Corporation, hereby declares the difference between PY7-38061M (lead) and PY7-77089S (this model) are related only to the cellular. Therefore the NFC report/data of PY7-38061M (lead) may represent for PY7-77089S (this model).



3. 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 and the verification test results Similar to the original FCC ID. Detail spot check test result can be found in the variant model report, please refer to detail section table in section 4.

Summary of the spot check:

Test Item	Mode	PY7-38061M Worst Result	PY7- 77089S Worst Result	Difference (dB)
Radiated Spurious Emission (Harmonic) (dBuV/m)	NFC	35.25	36.02	-0.77
Radiated fundamental (dBuV/m)	NFC	22.08	21.14	0.94



4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Frequency Band (MHz)	Original FCC ID	Original Report	Variant Model FCC ID	Variant Model Report
15C	DXX	NFC	13.56	PY7-38061M	Part 15C (FR133140D)	PY7-77089S	Part 15C (FR133143D)

END of this report