



DATA RE-USE EVALUATION

FCC ID : PY7-77587Q
Equipment : GSM/WCDMA/LTE Phone with BT, DTS/UNII
a/b/g/n/ac, GPS and NFC
Brand Name : Sony
Applicant : Sony Mobile Communications Inc.
4-12-3 Higashi-Shinagawa, Shinagawa-ku,
Tokyo, 140-0002, Japan
Manufacturer : Sony Mobile Communications Inc.
4-12-3 Higashi-Shinagawa, Shinagawa-ku,
Tokyo, 140-0002, Japan
Standard : 47 CFR Part 2, 22(H), 24(E), 27(L)
FCC Part 15 Subpart C §15.247
FCC Part 15 Subpart C §15.225
FCC Part 15 Subpart E §15.407

We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this partial apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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TABLE OF CONTENTS

History of this test report.....	3
1. Introduction Section	4
2. Difference Section	5
3. Reference detail Section	5



History of this test report

Version	Description	Issued Date
01	Initial issue of report	Aug. 26, 2019



1. Introduction Section

Sony Mobile Communications Inc., hereby declares that the PY7-00532F (lead) and PY7-77587Q is HW identical for GSM/WCDMA/LTE/WLAN/BT/NFC. In addition, PY7-77587Q digital circuit is identical to PY7-00532F (lead). Therefore the following report of PY7-00532F (lead) may be used as reference test data for PY7-77587Q without the spot check verification data.

- WWAN
- WLAN
- Bluetooth
- NFC



2. Difference Section

The difference between PY7-77587Q and PY7-00532F (lead):

Sony Mobile Communications Inc., hereby declares the difference between PY7-00532F (lead) and PY7-77587Q are related only conducted power of B2/4/25/66 and the implement of “Antenna Impedance Tuner(ACL: Advanced Closed Loop)” for cellular LTE B2/4/5/13/25/26/66. The power of LTE B2/4/25/66 are increased by SW and hence a new FCC ID is required and data re-use strategy is used for PY7-77587Q Therefore the WWAN(except LTE B2/4/5/13/25/26/66)/WLAN/Bluetooth/NFC report/data of PY7-00532F (lead) may represent for PY7-77587Q.



3. Reference detail Section

Rule Part	Equipment Class	Test Report No.	Model tested	Justification
22/24/27/90	PCE – 2G3G	FG940901-03A	PY7-00532F(lead)	1
	PCE – LTE except B2/4/5/13/25/26/66	FG940901-03B	PY7-00532F(lead)	1
	PCE – LTE B2/4/5/13/25/26/66	FG940903-03A FG940903-03B	PY7-77587Q	2
15E	NII	FR940901-03E FR940901-03F	PY7-00532F(lead)	1
	NII – DFS	FZ940903-03	PY7-77587Q	4
15C	DTS	FR940901-03C FR940901-03B	PY7-00532F(lead)	1
	DSS	FR940901-03A	PY7-00532F(lead)	1
	DXX	FR940901-03D	PY7-00532F(lead)	1
2.1093	SAR	FA940901-03 FA940903-03	PY7-00532F(lead)/ PY7-77587Q	3
20.19	HAC	HA940903-03A HA940903-03B	PY7-77587Q	4
15B	CXX/JBP	FC940901-03	PY7-77587Q	4

Note:

1: The only difference between PY7-00532F(lead) and PY7-77587Q are increase output power in LTE B 13/25/26/66 and the implement of ACL. Tests performed on PY7-00532F(lead) for except them fully cover the model PY7-77587Q and therefore the test report for PY7-00532F(lead) is submitted.

2: Operation in these bands is not covered by the reports for PY7-00532F(lead) because either the band was operated at a lower output power than PY7-77587Q. Testing was therefore performed on PY7-77587Q.

3: Test report uses data for FCC ID PY7-00532F for operations that are common to both PY7-00532F and PY7-77587Q and data for FCC ID PY7-77587Q for the operations unique to that device.

4: Full testing for this equipment code performed on FCC ID PY7-77587Q

END of this report