



DATA RE-USE EVALUATION

FCC ID : PY7-50241N
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),96
FCC Part 15 Subpart C §15.247
FCC Part 15 Subpart C §15.225
FCC Part 15 Subpart E §15.407

The product was received on Jul. 28, 2020 and testing was started from Aug. 28, 2020 and completed on Sep. 18, 2020. 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.

Louis Wu



Approved by: Louis Wu

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1. Introduction Section

Sony Mobile Communications Inc., hereby declares that PY7-77310Z(lead model) and PY7-50241N(this device) are HW identical. The difference between PY7-77310Z(lead model) and PY7-50241N(this device) is described in the Appendix.D of “theory of operation”.



2. Difference Section

Difference between PY7-08372L (lead) and PY7-77310Z (this model):

Sony Mobile Communications Inc., hereby declares the difference between PY7-77310Z(lead model) and PY7-50241N(this device) are “the power of cellular LTE B2/4/66” and “the WLAN simultaneous transmission function”. The power of LTE B2/4/66 are increased by SW and hence a new FCC ID is required, and data re-use strategy is used for PY7-50241N(this device). And though PY7-77310Z(lead model) disables “the WLAN simultaneous transmission function”, PY7-50241N(this device) enables it by SW.



3. Reference detail Section

Rule Part	Equipment Class	Test Report No.	Model tested	Justification
22/24/27/96	PCE -2G/3G	FG042237-02A	PY7-77310Z(lead)	1
	PCE – LTE except B2/4/66	FG042237-02B	PY7-77310Z(lead)	1
	PCE – LTE B2/4/66	FG042240-01B	PY7-50241N(this device)	2
	CBE	FG042237-02C FG042237-02D	PY7-77310Z(lead)	1
15E	NII	FR042237-02E FR042237-02F	PY7-77310Z(lead)	1
	NII - DFS	FZ042237-02	PY7-77310Z(lead)	1
15C	DTS	FR042237-02B FR042237-02C	PY7-77310Z(lead)	1
	DSS	FR042237-02A	PY7-77310Z(lead)	1
	DXX	FR042237-02D	PY7-77310Z(lead)	1
15B	CXX/JBP	FC042237-02	PY7-77310Z(lead)	1
Co-location 15C/15E	DTS/NII	FR042240-01	PY7-50241N(this device)	3
Co-location 22/27	PCE(GSM,LTE)	FG042240-01E FG042240-01D	PY7-50241N(this device)	3

Note:

1: The only difference between PY7-77310Z(lead model) and PY7-50241N(this device) are increase output power in LTE B2/4/66 and “the WLAN simultaneous transmission function”. Tests performed on PY7-77310Z(lead model) for except them fully cover PY7-50241N(this device) and therefore the test report for PY7-77310Z(lead model) is submitted.

2: Operation in these bands is not covered by the reports for PY7-77310Z(lead model) because either the band was operated at a lower output power than PY7-50241N(this device). Testing was therefore performed on PY7-50241N(this device).

3: Full testing for this equipment code performed on PY7-50241N(this device).

END of this report