

Report No.: ZR/2020/C0043
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SPOT CHECK EVALUATION

FCC ID: PY7-76625R
Applicant: Sony Mobile Communications, Inc.
Address of Applicant 4-12-3 Higashi-shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan
Manufacturer: Sony Mobile Communications, Inc.
Address of Manufacturer 4-12-3 Higashi-shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan
EUT Description: GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, GPS and NFC
Trade Mark: Sony
Standards: 47 CFR Part 15, Subpart C
47 CFR Part 15, Subpart E

Test Result :	PASS *
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* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:

Derek Yang
Wireless Laboratory Manager



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Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-03-17		Original
02		2021-03-25		Revised Comment

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1 Introduction Section

The FCC ID: PY7-54955X (original model) and FCC ID: PY7-76625R (variant model) are the RF circuit, output power level and antenna performance is the same. Based on their similarity, the FCC part 15C (equipment class: DTS, DSS, DXX) and FCC part 15E (equipment class: NII) conducted reuse the original model's results and do spot-check, following the FCC KDB 484596 D01 v01.

The applicant takes full responsibility that the test data as referenced in this report represent compliance for this FCC ID (FCC ID: PY7-76625R)



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2 Difference Section

The difference between PY7-54955X and PY7-76625R is that the cellular frequency band is different.

The details of similarity and difference can be found in the Operating Description.

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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	PY7-54955X Worst Result	PY7-76625R Worst Result	Difference(dB)
Conducted power (dBm)	BT	13.17	13.16	0.10
	BLE	7.99	7.02	0.97
	WLAN 2.4G	15.51	15.51	0.00
	WLAN 5G B1-4	13.68	13.63	0.05
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Radiated Spurious Emission(Band Edge) (dBuV/m)	BT	19.84	20.25	-0.41
	BLE	19.79	20.03	-0.24
	WLAN 2.4G(MIMO)	11.08	13.85	-2.77
	WLAN 5G B1-4(MIMO)	3.09	3.07	0.02
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Radiated Spurious Emission(Harmonic) (dBuV/m)	BT	8.45	9.25	-0.80
	BLE	8.49	8.86	-0.37
	WLAN 2.4G(MIMO)	13.81	16.72	-2.91
	WLAN 5G B1-4(MIMO)	7.79	6.30	1.49

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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	DTS	Bluetooth-LE Wi-Fi	2400-2483.5	PY7-54955X	Part 15C (ZR/2020/C003403, ZR/2020/C003404)	PY7-76625R	Part 15C (ZR/2020/C004303, ZR/2020/C004304)
	DSS	Bluetooth	2400-2483.5	PY7-54955X	Part 15C (ZR/2020/C003402)	PY7-76625R	Part 15C (ZR/2020/C004302)
15E	NII	Wi-Fi	5150~5250 5250~5350 5470~5725 5725~5850	PY7-54955X	Part 15E (ZR/2020/C003405)	PY7-76625R	Part 15E (ZR/2020/C004305)

The End

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