SPOT CHECK EVALUATION

FCC ID	:	**PY7-65375K**
Equipment	:	**GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac/ax, GPS, WPC and NFC**
Brand Name	:	**Sony**
Applicant	:	**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 E §15.407**

The product was received on Dec. 04, 2019 and testing was started from Jan. 20, 2020 and completed on Feb. 29, 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 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 spot check data report 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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History of this test report

Version	Description	Issued Date
01	Initial issue of report	Mar. 25, 2020

1. Introduction Section

The FCC ID: PY7-87261H (original model) and FCC ID: PY7-65375K (variant model) has identical PCB layout, antenna, SW implementation for Bluetooth/Wi-Fi/WCDMA/LTE in FCC area ,Based on their similarity, the FCC Part 15C (equipment class: DTS, DSS) and FCC Part 15E (equipment class: NII) and FCC Part 22, 24, 27 (equipment class: PCE) for radiated testing are fully performed on cellular bands ,conducted reuse the original model's result 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: PY7-65375K).

2. Difference Section

The difference between PY7-87261H and PY7-65375K is the electrical components for NFC, 5GNR, and LTE Japanese specific band.

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

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	PY7-87261H Worst Result	PY7-65375K Worst Result	Difference (dB)
Average Conducted Power (dBm)	BT-DH1	13.52	13.91	-0.39
	BLE5.1(2Mbps)	9.2	9.7	-0.5
	WLAN 2.4G(MIMO)	17.33	17.44	-0.11
	WLAN 5G B1-3(MIMO)	14.41	14.46	-0.05
	WLAN 5G B4 (MIMO)	14.41	14.46	-0.05
	WWAN GSM(GPRS)(EDGE)850	32.77	32.33	0.44
	WWAN WCDMA Band 5	24.40	24.39	0.01
	WWAN LTE Band 12	24.49	24.60	-0.11
	WWAN LTE Band 17	24.65	24.44	0.21
WLAN				
Radiated Spurious Emission (Band Edge) (dBuV/m)	BT-DH1	51.34	50.15	1.19
	BLE5.1(2Mbps)	45.87	45.52	0.35
	WLAN 2.4G(MIMO)	46.66	46.13	0.53
	WLAN 5G B1-3(MIMO)	64.08	65.17	-1.09
	WLAN 5G B4 (MIMO)	51.78	51.01	0.77
Radiated Spurious Emission (Harmonic) (dBuV/m)	BT-DH1	43.86	43.44	0.42
	BLE5.0(2Mbps)	36.48	36.40	0.08
	WLAN 2.4G(MIMO)	42.01	43.23	-1.22
	WLAN 5G B1-3(MIMO)	55.11	48.9	6.21
	WLAN 5G B4 (MIMO)	55.35	53.53	1.82

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 Wii-Fi	2400~2483.5	PY7-87261H	Part 15C (FR9O1542-02B, FR9O1542-02C)	PY7-65375K	Part 15C (FR9O1534-03B, FR9O1534-03C)
	DSS	Bluetooth	2400~2483.5	PY7-87261H	Part 15C (FR9O1542-02A)	PY7-65375K	Part 15C (FR9O1534-03A)
15E	NII	Wi-Fi	5150~5250 5250~5350 5470~5725 5725~5850	PY7-87261H	Part 15E (FR9O1542-02E, FR9O1542-02F)	PY7-65375K	Part 15E (FR9O1534-03E, FR9O1534-03F)
Part 22.24.27	PCE	GSM /WCDMA	GSM 850 WCDMA B5	PY7-87261H	Part 22.24.27 (FG9O1542-02A)	PY7-65375K	Part 22.24.27 (FG9O1534-03A)
		LTE	LTE B12/17	PY7-87261H	Part 22.24.27 (FG9O1542-02B)	PY7-65375K	Part 22.24.27 (FG9O1534-03B)

END of this report