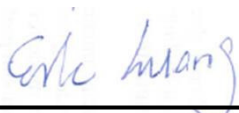


Hearing Aid Compatibility (HAC) RF Emissions Test Report

APPLICANT : Sony Mobile Communications Inc.
BRAND NAME : Sony
FCC ID : PY7-PM0930
STANDARD : FCC 47 CFR §20.19
ANSI C63.19-2011
HAC RATING : M4

We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and had been in compliance with the applicable technical standards.

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



Reviewed by: Eric Huang / Deputy Manager



Approved by: Jones Tsai / Manager



SPORTON INTERNATIONAL INC.

No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.)



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Appendix A. Original Report

Appendix B. Test Setup Photos



Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
HA621810B	Rev. 01	Initial issue of report	Apr. 01, 2016
HA621810B	Rev. 02	Update appendix A	Apr. 05, 2016

**1. Attestation of Test Results**

Applicant Name	Sony Mobile Communications Inc.
EUT Description	GSM/WCDMA/LTE Phone + Bluetooth, DTS/UNII a/b/g/n/ac, and NFC
S / N	CB5129YTU3
Brand Name	Sony
FCC ID	PY7-PM0930
HW Version	A
SW Version	34.0.A.0.534
Exposure category	General Population/Uncontrolled Exposure
HAC Rating	M4
Date Tested	2016/03/21
Test Result	Pass
Remark:	
1. The FCC ID: PY7-PM0931 and FCC ID: PY7-PM0930 is similar device, in this report all the test results are referred to PY7-PM0931, Sporton Report No: HA621809A.	

The device is compliance with HAC limits specified in guidelines FCC 47 CFR §20.19 and ANSI Standard ANSI C63.19.

2. Administration Data

Testing Laboratory	
Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. : SAR04-HY
Applicant	
Company Name	Sony Mobile Communications Inc.
Address	4-12-3 Higashi-Shinagawa, Shinagawa-ku,Tokyo, 140-0002, Japan
Manufacturer	
Company Name	Sony Mobile Communications Inc.
Address	4-12-3 Higashi-Shinagawa, Shinagawa-ku,Tokyo, 140-0002, Japan



3. Equipment Under Test (EUT) Information

3.1 Wireless Technologies

Wireless Technologies	Frequency	Operating Mode	
GSM	850 1900	· GSM Voice · GPRS (GMSK) · EDGE (8PSK)	Multi-Slot Class: Class 33
	Does device support dual transfer mode? (Yes)		
W-CDMA (UMTS)	Band 2 Band 4 Band 5	· AMR / RMC 12.2Kbps · HSDPA · HSUPA · DC-HSDPA	
LTE (FDD / TDD)	Band 2 Band 4 Band 5 Band 7 Band 12 Band 17 Band 26 Band 41	· QPSK · 16QAM · Rel 10 Carrier Aggregation Downlink only	
WiFi	2.4GHz: 2412 MHz ~ 2472 MHz	· 11b · 11g · 11n (HT20)	
	5GHz: 5.2GHz: 5180 MHz ~ 5240 MHz 5.3GHz: 5260 MHz ~ 5320 MHz 5.5GHz: 5500 MHz ~ 5720 MHz 5.8GHz: 5745 MHz ~ 5825 MHz	· 11a · 11n (HT20) · 11n (HT40) · 11ac (VHT20) · 11ac (VHT40) · 11ac (VHT80)	
Bluetooth	2.4GHz	Version 4.2 with LE	
NFC	13.56MHz	ASK	



3.2 Air Interface and Operating Mode

Air Interface	Band MHz	Type	C63.19 Tested	Simultaneous Transmitter	OTT	Power Reduction
GSM	850	VO	Yes	WLAN, BT	NA	No
	1900			WLAN, BT	NA	No
	GPRS/EDGE	DT	No	WLAN, BT	Yes	No
WCDMA	850	VO	Yes ⁽¹⁾	WLAN, BT	NA	No
	1900			WLAN, BT	NA	No
	HSPA	DT	No	WLAN, BT	Yes	No
FDD LTE	Band 2	VD ⁽²⁾	Yes ⁽¹⁾	WLAN, BT	Yes	No
	Band 4			WLAN, BT		No
	Band 5			WLAN, BT		No
	Band 7			WLAN, BT		No
	Band 12			WLAN, BT		No
	Band 17			WLAN, BT		No
	Band 26			WLAN, BT		No
TDD LTE	Band 41	VD ⁽²⁾	Yes	WLAN, BT	Yes	No
WLAN	2450	DT	No	GSM, WCDMA,LTE	Yes	No
	5200			GSM, WCDMA,LTE		No
	5300			GSM, WCDMA,LTE		No
	5500			GSM, WCDMA,LTE		No
	5800			GSM, WCDMA,LTE		No
BT	2450	DT	No	GSM, WCDMA,LTE	NA	No

VO=CMRS Voice Service

DT=Digital Transport

VD=CMRS IP Voice Service and Digital Transport

Remark:

1. FDD LTE and WCDMA is exempted from testing by low power exemption that its average antenna input power plus its MIF is ≤ 17 dBm, and is rated as M4
2. No Associated T-Coil measurement has been made in accordance with KDB 285076 D02 T-Coil testing for CMRS IP

3.3 Applied Standards

- FCC CFR47 Part 20.19
- ANSI C63.19 2011-version
- FCC KDB 285076 D01 HAC Guidance v04
- FCC KDB 285076 D02 T Coil testing for CMRS IP v01r01