

# **FCC Test Report**

APPLICANT	:	Bullitt Group
EQUIPMENT	:	Rugged Smart Phone
BRAND NAME	:	CAT
MODEL NAME	:	S41
MARKETING NAME	:	S41
FCC ID	:	ZL5S41A
STANDARD	:	FCC 47 CFR FCC Part 15 Subpart B
CLASSIFICATION	:	Certification

The product was received on Jun. 06, 2017 and testing was completed on Aug. 03, 2017. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has 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.

Louis Wu

Reviewed by: Louis Wu / Manager

Approved by: Jones Tsai / Manager



SPORTON INTERNATIONAL INC. No. 52, Hwa Ya 1<sup>st</sup> Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.

**SPORTON INTERNATIONAL INC.** TEL : 886-3-327-3456 FAX : 886-3-328-4978 FCC ID : ZL5S41A Page Number: 1 of 21Report Issued Date: Aug. 22, 2017Report Version: Rev. 01Report Template No.: BU5-FD15B Version 2.0



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**APPENDIX A. SETUP PHOTOGRAPHS** 



# **REVISION HISTORY**

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC760506-01	Rev. 01	Initial issue of report	Aug. 22, 2017



Report Section	FCC Rule	Description	Limit	Result	Remark
					Under limit
3.1	15.107	AC Conducted Emission	< 15.107 limits	PASS	9.80 dB at
					0.614 MHz
					Under limit
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	4.72 dB at
5.2	15.109	Radiated Emission	< 15.109 mmits	FAGO	217.65 MHz
					for Quasi-Peak

# SUMMARY OF TEST RESULT



# **1. General Description**

### 1.1. Applicant

#### **Bullitt Group**

One Valpy, Valpy Street, Reading, Berkshire, England RG1 1AR

### 1.2. Manufacturer

#### Compal Electronics, INC.

No. 385, Yangguang St. Neihu District, Taipei City 11491, Taiwan, R.O.C

### 1.3. Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n, FM Receiver, NFC, and GPS.

Product S	pecification subjective to this standard
	WWAN: PIFA + Coupling type (LDS) Antenna
	WLAN: PIFA Antenna
	Bluetooth: PIFA Antenna
Antenna Type	GPS / Glonass: PIFA Antenna
	NFC: Loop Antenna
	FM: Integral Antenna (Earphone acting as FM antenna deemed
	as an integral antenna)

#### <Sample Information>

	S41 has 2 different Variant
Sample 1	Dual SIM
Sample 2	Single SIM
For Dual-SIM or Single-SIM control	by SW, the HW difference is SIM holder.

Remark: All test items were performed with Sample 1.

# **1.4. Modification of EUT**

No modifications are made to the EUT during all test items.



### 1.5. Test Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1093 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

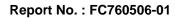
Test Site	SPORTON INTERNATIONAL INC.				
	No. 52, Hwa Ya 1 <sup>st</sup> Rd., Hwa Ya Tech	nology Park,			
Test Site Location	Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.				
Test Site Location					
	FAX: +886-3-328-4978				
Toot Site No	Sporton	Site No.			
Test Site No.	CO05-HY	03CH06-HY			

## **1.6. Applicable Standards**

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR FCC Part 15 Subpart B
- ANSI C63.4-2014

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.





# 2. Test Configuration of Equipment Under Test

### 2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

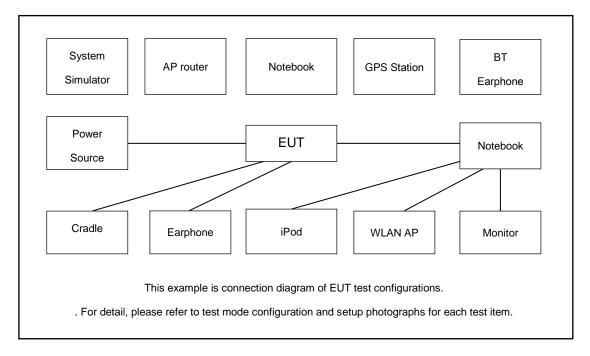


Test Items	Function Type
	Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + NFC on + MPEG4 + Earphon + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 2: WCDMA Band 2 Idle + Bluetooth Idle + WLAN Idle + NFC on + Camer (Front) + Earphone + Battery + USB Cable (Charging from Adapter) + SIM
AC Conducted	Mode 3: LTE Band 4 Idle + Bluetooth Idle + WLAN Idle + NFC on + Camera (Rear) Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
Emission	Mode 4: LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + NFC on + FM Rx (98MHz) Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 5: Flight mode + Earphone + Battery + USB Cable + Data Link with Noteboo + SIM 1
	Mode 6: LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + NFC on + FM Rx (98MHz) Earphone + Battery + USB Cable (Charging from Adapter) + SIM 2
	Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + NFC on + MPEG4 + Earphon + Battery + USB Cable + SIM 1
	Mode 2: WCDMA Band 2 Idle + Bluetooth Idle + WLAN Idle + NFC on + Camer (Front) + Earphone + Battery + USB Cable + SIM 1
	Mode 3: LTE Band 4 Idle + Bluetooth Idle + WLAN Idle + NFC on + Camera (Rear) Earphone + Battery + USB Cable + SIM 1
Radiated Emissions	Mode 4: Flight mode + Earphone + Battery + USB Cable + Data Link with Noteboo + SIM 1
	Mode 5: LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + NFC on + FM Rx (98MHz) Earphone + Battery + USB Cable + SIM 1
	Mode 6: Flight mode + Earphone + Battery + OTG Cable + Data Link with USI storage devices + SIM 1
	Mode 7: Flight mode + Earphone + Battery + USB Cable + Data Link with Noteboo + SIM 2

- 1. The worst case of AC is mode 4; only the test data of this mode was reported.
- 2. The worst case of RE is mode 5; only the test data of this mode was reported.
- 3. Data Link with Notebook means data application transferred mode between EUT and Notebook.



# 2.2.Connection Diagram of Test System



# 2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
3.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
4.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded,1.8m
5.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
6.	iPod	Apple	A1199	FCC DoC	Shielded, 1.0 m	N/A
7.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
8.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
9.	USB flash drive	Kingston	Data Traveler 100	FCC Doc	N/A	N/A



## 2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or LTE idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test.

- 1. Data application is transferred between Laptop and EUT via USB cable.
- 2. Execute "Video Media Player" to play MPEG4 files.
- 3. Turn on camera function.
- 4. Turn on NFC function.



# 3. Test Result

### 3.1. Test of AC Conducted Emission Measurement

### 3.1.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission	Conducted	limit (dBuV)
(MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

\*Decreases with the logarithm of the frequency.

### 3.1.2 Measuring Instruments

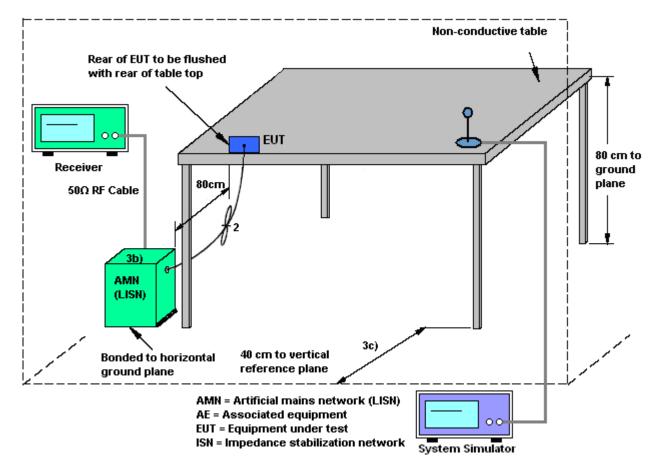
The measuring equipment is listed in the section 4 of this test report.

### 3.1.3 Test Procedure

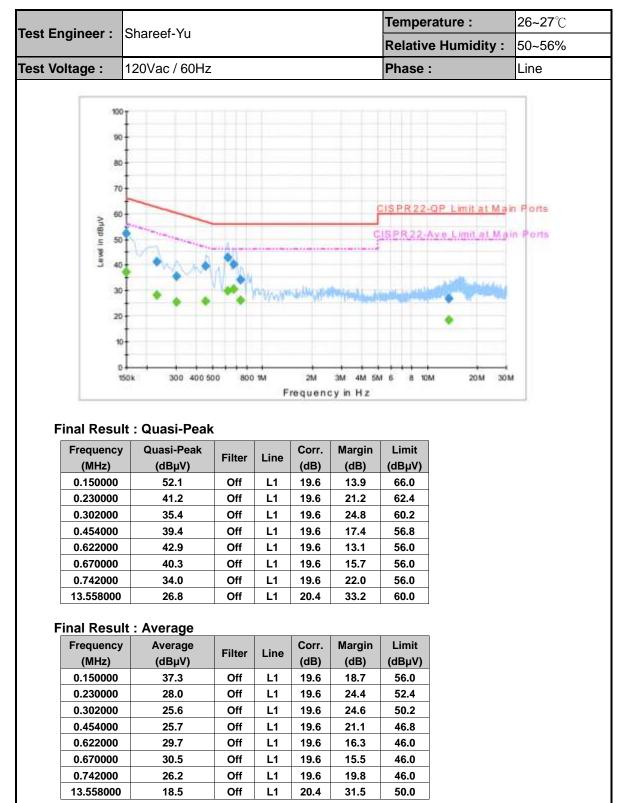
- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.



### 3.1.4 Test Setup



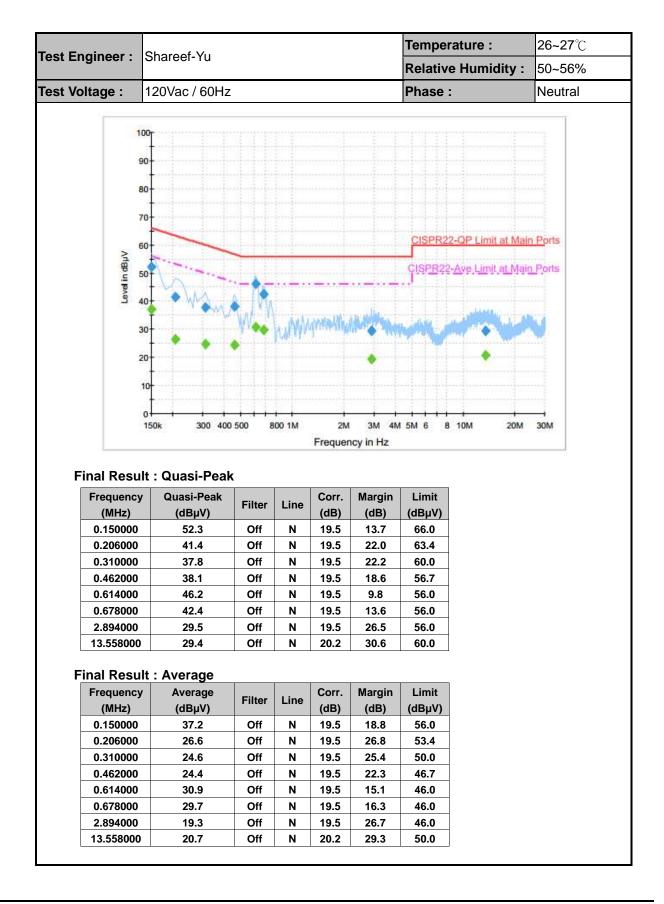




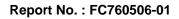
#### 3.1.5 Test Result of AC Conducted Emission

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### 3.2. Test of Radiated Emission Measurement

### 3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

#### 3.2.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.



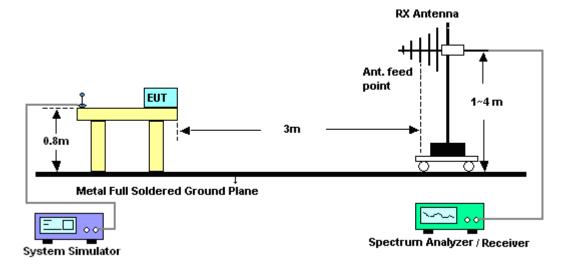
#### 3.2.3. Test Procedures

- 1. The EUT was placed on a turntable with 0.8 meter above ground.
- 2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
- 7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
- 8. Emission level (dB $\mu$ V/m) = 20 log Emission level ( $\mu$ V/m)
- 9. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level

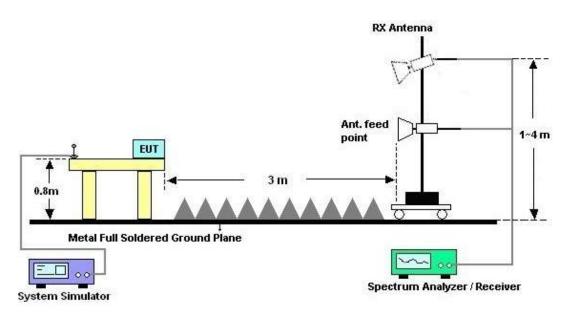


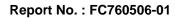
#### 3.2.4. Test Setup of Radiated Emission

#### For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



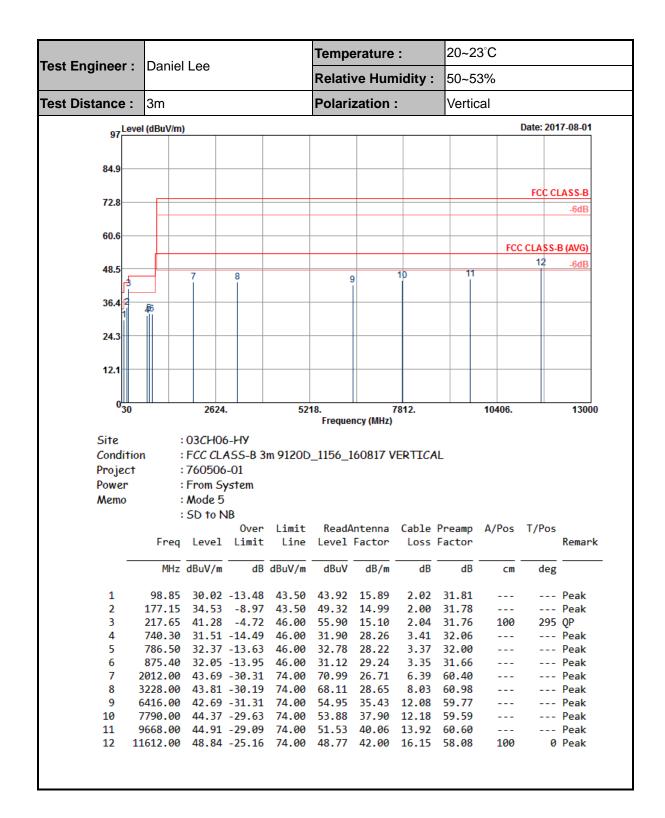




	Denter				Tempe	erature	:	20~2	3°C		
est Engineer :	Daniel	Lee			Relativ	ve Hun	nidity :	50~5	3%		
Fest Distance :	3m				Polari	zation	:	Horiz	ontal		
97Lev	vel (dBuV/m)	)								Date: 201	7-08-01
84.9											
04.5											
72.8										FCC CI	ASS-B
12.0											-6dB
60.6											
00.0									FCC	CLASS-	B (AVG)
										12	-6dB
48.5		7		0	9	1	10	11		1	
				8							
36.4	456										
1											
24.3											
12.1											
0 <mark></mark>		2624.		52	18		7812.		10406.		13000
50		2024		52		ncy (MHz)	012.		10400.		15000
Site	:	03CH06	-НУ								
Site Conditio		03CH06 FCC CLA		m 9120D	_1156_1	60817 ⊦	IORIZO	NTAL			
	on :		\SS-B 3	m 9120D	_1156_1	60817 ⊦	IORIZO	NTAL			
Conditio	on : :	FCC CLA	\SS-B 3 -01	m 9120D	_1156_1	60817 <del> </del>	IORIZO	NTAL			
Conditio Project	on : :	FCC CLA 760506	\SS-B 3 -01	m 9120D	_1156_1	60817 ŀ	IORIZO	NTAL			
Conditio Project Power	on : : :	FCC CLA 760506 From Sy	155-B 3 -01 vstem	m 9120D							
Conditio Project Power	on : : : :	FCC CLA 760506 From Sy Mode 5 SD to N	155-B3 -01 vstem 18 Over	Limit	ReadA	ntenna	Cable	Preamp	A/Pos	T/Pos	
Conditio Project Power	on : : : :	FCC CLA 760506 From Sy Mode 5	155-B3 -01 vstem 18 Over	Limit	ReadA	ntenna	Cable	Preamp	A/Pos	T/Pos	Remark
Conditio Project Power	on : : : : : : : :	FCC CLA 760506 From Sy Mode 5 SD to N	ASS-B3 -01 vstem B Over Limit	Limit	ReadA	ntenna	Cable	Preamp	A/Pos	T/Pos 	Remark
Conditio Project Power Memo	on : : : : : : : : : : : : : : : : : : :	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m	ASS-B3 -01 vstem B Over Limit  dB	Limit Line dBuV/m	ReadA Level dBuV	ntenna Factor  dB/m	Cable Loss 	Preamp Factor 	cm	deg	
Conditio Project Power Memo 1	on : : : : : : : : : : : : : : : : : : :	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28	ASS-B 3 -01 vstem B Over Limit dB -16.22	Limit Line dBuV/m 43.50	ReadA Level dBuV 41.64	ntenna Factor dB/m 15.39	Cable Loss dB 2.06	Preamp Factor dB 31.81		deg	Peak
Conditio Project Power Memo 1 2	on : : : : : : : : : : : : : : : : : : :	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28 35.82	ASS-B 3 -01 estem B Over Limit dB -16.22 -7.68	Limit Line dBuV/m 43.50 43.50	ReadA Level dBuV 41.64 50.61	ntenna Factor dB/m 15.39 14.99	Cable Loss dB 2.06 2.00	Preamp Factor dB 31.81 31.78		deg 	Peak Peak
Conditio Project Power Memo 1	on : : : : : : : : : : : : : : : : : : :	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28 35.82 42.20	ASS-B 3 -01 estem B Over Limit dB -16.22 -7.68 -3.80	Limit Line dBuV/m 43.50 43.50 46.00	ReadA Level dBuV 41.64 50.61 56.78	ntenna Factor dB/m 15.39 14.99 15.13	Cable Loss dB 2.06 2.00 2.05	Preamp Factor dB 31.81 31.78 31.76		deg  154	Peak Peak Peak
Conditio Project Power Memo 1 2 3	on : : : : : : : : : : : : : : : : : : :	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28 35.82	ASS-B 3 -01 estem B Over Limit -16.22 -7.68 -3.80 -14.37	Limit Line dBuV/m 43.50 43.50 46.00 46.00	ReadA Level dBuV 41.64 50.61	ntenna Factor dB/m 15.39 14.99 15.13 25.70	Cable Loss dB 2.06 2.00 2.05 3.18	Preamp Factor dB 31.81 31.78	cm  100	deg  154 	Peak Peak
Conditio Project Power Memo 1 2 3 4	on : : : : : : : : : : : : : : : : : : :	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28 35.82 42.20 31.63	ASS-B 3 -01 estem B Over Limit -16.22 -7.68 -3.80 -14.37 -13.04	Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00	ReadA Level dBuV 41.64 50.61 56.78 34.74	ntenna Factor dB/m 15.39 14.99 15.13 25.70 26.44	Cable Loss dB 2.06 2.00 2.05 3.18 3.33	Preamp Factor dB 31.81 31.78 31.76 31.99	cm  100 	deg  154 	Peak Peak Peak Peak
Conditio Project Power Memo 1 2 3 4 5	on : Freq 95.88 177.15 219.54 552.70 666.10 834.10 1842.00	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28 35.82 42.20 31.63 32.96 32.95 43.31	ASS-B 3 -01 estem B Over Limit -16.22 -7.68 -3.80 -14.37 -13.04 -13.05 -30.69	Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 74.00	ReadA Level dBuV 41.64 50.61 56.78 34.74 35.28 32.20 71.36	ntenna Factor dB/m 15.39 14.99 15.13 25.70 26.44 29.25 26.28	Cable Loss dB 2.06 2.09 2.05 3.18 3.33 3.33 6.07	Preamp Factor dB 31.81 31.78 31.76 31.99 32.09 31.83 60.40	cm  100 	deg  154 	Peak Peak Peak Peak Peak
Conditio Project Power Memo 1 2 3 4 5 6 7 8	on : Freq 95.88 177.15 219.54 552.70 666.10 834.10 1842.00 4203.00	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28 35.82 42.20 31.63 32.96 32.95 43.31 40.64	ASS-B 3 -01 estem B Over Limit -16.22 -7.68 -3.80 -14.37 -13.04 -13.05 -30.69 -33.36	Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 74.00 74.00	ReadA Level dBuV 41.64 50.61 56.78 34.74 35.28 32.20 71.36 61.18	ntenna Factor dB/m 15.39 14.99 15.13 25.70 26.44 29.25 26.28 30.84	Cable Loss dB 2.06 2.09 2.05 3.18 3.33 3.33 6.07 10.04	Preamp Factor dB 31.81 31.78 31.76 31.99 32.09 31.83 60.40 61.42	cm  100   	deg  154   	Peak Peak Peak Peak Peak Peak Peak Peak
Conditio Project Power Memo 1 2 3 4 5 6 7 8 9	on : Freq 95.88 177.15 219.54 552.70 666.10 834.10 1842.00 4203.00 6078.00	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28 35.82 42.20 31.63 32.96 32.95 43.31 40.64 42.23	ASS-B 3 -01 estem B Over Limit -16.22 -7.68 -3.80 -14.37 -13.04 -13.05 -30.69 -33.36 -31.77	Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 74.00 74.00 74.00	ReadA Level dBuV 41.64 50.61 56.78 34.74 35.28 32.20 71.36 61.18 55.37	ntenna Factor dB/m 15.39 14.99 15.13 25.70 26.44 29.25 26.28 30.84 34.77	Cable Loss dB 2.06 2.09 2.05 3.18 3.33 3.33 6.07 10.04 11.32	Preamp Factor dB 31.81 31.78 31.76 31.99 32.09 31.83 60.40 61.42 59.23	cm  100   	deg  154    	Peak Peak Peak Peak Peak Peak Peak Peak
Conditio Project Power Memo 1 2 3 4 5 6 7 8	on : Freq 95.88 177.15 219.54 552.70 666.10 834.10 1842.00 4203.00	FCC CLA 760506 From Sy Mode 5 SD to N Level dBuV/m 27.28 35.82 42.20 31.63 32.96 32.95 43.31 40.64 42.23 43.19	ASS-B 3 -01 estem B Over Limit dB -16.22 -7.68 -3.80 -14.37 -13.04 -13.05 -30.69 -33.36 -31.77 -30.81	Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 46.00 74.00 74.00 74.00 74.00	ReadA Level dBuV 41.64 50.61 56.78 34.74 35.28 32.20 71.36 61.18 55.37 53.32	ntenna Factor dB/m 15.39 14.99 15.13 25.70 26.44 29.25 26.28 30.84 34.77 37.90	Cable Loss dB 2.06 2.09 2.05 3.18 3.33 3.33 6.07 10.04	Preamp Factor dB 31.81 31.78 31.76 31.99 32.09 31.83 60.40 61.42 59.23 59.89	cm  100   	deg  154     	Peak Peak Peak Peak Peak Peak Peak Peak

### 3.2.5. Test Result of Radiated Emission







# 4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power	ChainTek	APC-1000W	N/A	N/A	N/A	Aug. 02, 2017~	N/A	Conduction
Source						Aug. 03, 2017		(CO05-HY)
EMI Test	Rohde &	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Aug. 02, 2017~	Aug. 29, 2017	Conduction
Receiver	Schwarz					Aug. 03, 2017		(CO05-HY)
LISN	Rohde &	ENV216	100080	9kHz~30MHz	Nov. 29, 2016	Aug. 02, 2017~	Nov. 28, 2017	Conduction
	Schwarz					Aug. 03, 2017		(CO05-HY)
LISN	Rohde &	ENV216	100081	9kHz~30MHz	Dec. 06, 2016	Aug. 02, 2017~	Dec. 05, 2017	Conduction
	Schwarz					Aug. 03, 2017		(CO05-HY)
Bilog Antenna	Schaffner	CBL6111C&N-	2725&AT-N06	30MHz~1GHz	Oct. 15, 2016	Jul. 29, 2017~	Oct. 14, 2017	Radiation
		6-06	01			Aug. 01, 2017		(03CH06-HY)
EMI Test	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Dec. 29, 2016	Jul. 29, 2017~	Dec. 28, 2017	Radiation
Receiver						Aug. 01, 2017		(03CH06-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1156	1GHz~18GHz	Aug. 05, 2016	Jul. 29, 2017~	Aug. 04, 2017	Radiation
						Aug. 01, 2017		(03CH06-HY)
Preamplifier	SONOMA	310N	186713	9kHz~1GHz	Apr. 25, 2017	Jul. 29, 2017~	Apr. 24, 2018	Radiation
						Aug. 01, 2017		(03CH06-HY)
Preamplifier	MITEQ	AMF-7D-0010				Jul. 29, 2017~	May 21, 2018	Radiation
		1800-30-10P	1850117	1GHz ~ 18GHz	May 22, 2017	Aug. 01, 2017		(03CH06-HY)
Antenna Mast	MF	MF-7802	MF78020821	1m~4m	N/A	Jul. 29, 2017~	N/A	Radiation
			2			Aug. 01, 2017		(03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Jul. 29, 2017~	N/A	Radiation
						Aug. 01, 2017		(03CH06-HY)



# 5. Uncertainty of Evaluation

#### Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence	2.70
of 95% (U = 2Uc(y))	2.70

#### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence	3.90	
of 95% (U = 2Uc(y))	0.00	

#### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence	4.70
of 95% (U = 2Uc(y))	4.70



**SPORTON INTERNATIONAL INC.** TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: ZL5S41A IC: 錯誤! 找不到參照來源。 Page Number: A1 of A1Report Issued Date: Aug. 22, 2017Report Version: Rev. 01Report Template No.: BU5-FD15B Version 2.0Report Template No.: BU5-CI003 Version 2.0