В



FCC Test Report

APPLICANT	: Bullitt Mobile Limited
EQUIPMENT	: Mobile Phone
BRAND NAME	: CAT
MODEL NAME	: B35
FCC ID	: ZL5B35E
STANDARD	: FCC CFR Title 47 Part 15 Subpart
CLASSIFICATION	: Certification

The product was received on Aug. 23, 2018 and testing was completed on Oct. 16, 2018. We, Sporton International (Kunshan) 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 (Kunshan) Inc., the test report shall not be reproduced except in full.

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R) TESTING NVLAP LAB CODE 600155-0

Approved by: James Huang / Manager

Sporton International (Kunshan) Inc. No. 1098, Pengxi North Road, Kunshan Economic Development Zone, Jiangsu Province 215335, China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC840307-04	Rev. 01	Initial issue of report	Nov. 06, 2018



Report Section	FCC Rule	Description	Limit	Result	Remark
					Under limit
3.1	15.107	AC Conducted Emission	< 15.107 limits	PASS	5.53 dB at
					0.158 MHz
					Under limit
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	4.66 dB at
3.2	15.109	Radiated Emission	< 15.109 1111115	FA33	345.250 MHz
					Quasi-Peak

SUMMARY OF TEST RESULT



1. General Description

1.1. Applicant

Bullitt Mobile Limited

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

1.2. Manufacturer

Bullitt Mobile Limited

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

1.3. Product Feature of Equipment Under Test

	Product Feature
Equipment	Mobile Phone
Brand Name	CAT
Model Name	B35
FCC ID	ZL5B35E
	GSM/GPRS/EGPRS/WCDMA/HSPA/DC-HSDPA/
EUT supports Radios application	HSPA+(16QAM uplink is not supported)/LTE
EOT Supports Radios application	WLAN 2.4GHz 802.11b/g/n HT20/HT40
	Bluetooth BR/EDR/LE
EUT Stage	Identical Prototype

Remark:

- 1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
- 2. There are four types of EUT: Sample 1 is dual SIM with main source receiver, Sample 2 is dual SIM with second source receiver, Sample 3 is single SIM with main source receiver, Sample 4 is single SIM with second source receiver, just different suppliers, please refer the product equality declaration as Appendix B. According to the difference, we choose sample 1 to full test and the sample 2 is verified worse case of the sample 1 for Radiation.



1.4.	Product S	pecification	of Ea	uipment	Under	Test

Standards	-related Product Specification
	GSM850: 824.2 MHz ~ 848.8 MHz
	GSM1900: 1850.2 MHz ~ 1909.8MHz
	WCDMA Band V: 826.4 MHz ~ 846.6 MHz
Tx Frequency	WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz
	LTE Band 7 : 2502.5 MHz ~ 2567.5 MHz
	802.11b/g/n: 2412 MHz ~ 2462 MHz
	Bluetooth: 2402 MHz ~ 2480 MHz
	GSM850: 869.2 MHz ~ 893.8 MHz
	GSM1900: 1930.2 MHz ~ 1989.8 MHz
	WCDMA Band V: 871.4 MHz ~ 891.6 MHz
	WCDMA Band II: 1932.4 MHz ~ 1987.6 MHz
Rx Frequency	LTE Band 7 : 2622.5 MHz ~ 2687.5 MHz
	802.11b/g/n: 2412 MHz ~ 2462 MHz
	Bluetooth: 2402 MHz ~ 2480 MHz
	GNSS : 1559 MHz ~ 1610 MHz
	FM: 88 MHz - 108 MHz
	WWAN : PIFA Antenna
	WLAN : PIFA Antenna
Antenna Type	Bluetooth : PIFA Antenna
	GNSS: PIFA Antenna
	FM : Extrenal Headset Antenna
	GSM: GMSK
	GPRS: GMSK
	EDGE(MCS 0-4): GMSK / (MCS 5-9): 8PSK
	WCDMA : BPSK (Uplink)
	HSDPA/DC-HSDPA : QPSK (Uplink)
	HSUPA : QPSK (Uplink)
	HSPA+ : 16QAM(uplink is not supported)
	DC-HSDPA : 64QAM
Type of Modulation	LTE: QPSK / 16QAM
	802.11b : DSSS (DBPSK / DQPSK / CCK)
	802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
	Bluetooth LE : GFSK
	Bluetooth (1Mbps) : GFSK
	Bluetooth (2Mbps) : <i>π</i> /4-DQPSK
	Bluetooth (3Mbps) : 8-DPSK
	GNSS : BPSK
	FM

1.5. Modification of EUT

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



1.6. Test Location

Sporton International (Kunshan) Inc. is accredited to ISO 17025 by National Voluntary Laboratory Accreditation Program (NVLAP code: 600155-0).

Test Site	Sporton International (H	Kunshan) Inc.	
	No. 1098, Pengxi North	n Road, Kunshan Econom	ic Development Zone,
Test Site Location	Jiangsu Province 2153	35, China	
	TEL: 86-512-57900158	3	
	FAX : 86-512-5790095	8	
	Sporton Site No.	FCC designation No.	FCC Test Firm Registration No.
Test Site No.	CO01-KS		c20027
	03CH02-KS	CN5013	630927

1.7. Applicable Standards

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

- FCC CFR Title 47 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

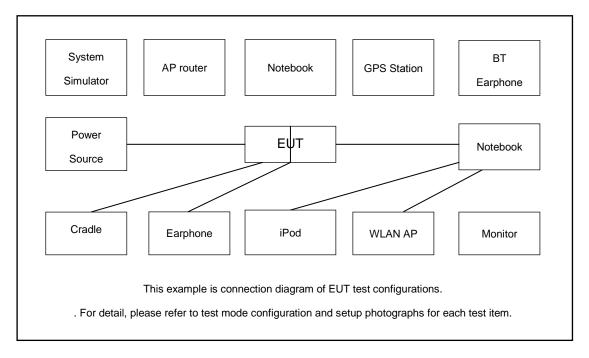
The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic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

Test Items	Function Type
	Mode 1: GSM850 Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + Camera(Rear) + USB Cable (Charging from Adapter1) for Sample1
	Mode 2: WCDMA Band V Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + MPEG4(Colur bar) + USB Cable (Charging from Adapter1) for Sample1
AC Conducted Emission	Mode 3: WCDMA Band II Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + FM Rx(98) + USB Cable (Charging from Adapter1) for Sample1
	Mode 4: LTE Band 7 Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + GNSS Rx + USB Cable (Data Link with Notebook) for Sample1
	Mode 5: GSM850 Idle + Earphone2 + Bluetooth Idle + WLAN (2.4G) Idle + Camera(Rear) + USB Cable (Charging from Adapter2) for Sample1
	Mode 1: GSM850 Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + Camera(Rear) + USB Cable (Charging from Adapter1) for Sample1
	Mode 2: WCDMA Band V Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + MPEG4(Colur bar) + USB Cable (Charging from Adapter1) for Sample1
Radiated	Mode 3: WCDMA Band II Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + FM Rx(98) + USB Cable (Charging from Adapter1) for Sample1
Emissions	Mode 4: LTE Band 7 Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + GNSS Rx + USB Cable (Data Link with Notebook) for Sample1
	Mode 5: LTE Band 7 Idle + Earphone2 + Bluetooth Idle + WLAN (2.4G) Idle + GNSS Rx + USB Cable (Charging from Adapter2) for Sample1
	Mode 6: LTE Band 7 Idle + Earphone1 + Bluetooth Idle + WLAN (2.4G) Idle + GNSS Rx + USB Cable (Data Link with Notebook) for Sample2
Remark:	
1. The worst	case of AC is mode 5; only the test data of this mode is reported.
2. The worst	case of RE is mode 4; only the test data of this mode is 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,1.8m
2.	Vector Signal Generator	R&S	SMBV100A	258305	N/A	N/A
3.	WLAN AP	D-Link	DIR-855	KA2DIR855A2	N/A	Unshielded,1.8m
4.	WLAN AP	TP-Link	TL-WDR5600	N/A	N/A	Unshielded,1.8m
5.	Bluetooth Earphone	Lenovo	LBH308	N/A	N/A	N/A
6.	Notebook	Lenovo	G480	N/A	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
7.	Notebook	Lenovo	E49AL	N/A	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
8.	SD Card	Kingston	8GB	N/A	N/A	N/A
9.	SD Card	SanDisk	Uitra	N/A	N/A	N/A
10.	iPod	Apple	A1199	Fcc DoC	Shielded, 1.2m	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 Notebook and EUT via USB cable.
- 2. Turn on GNSS function to make the EUT receive continuous signals from GNSS station.
- 3. Turn on camera to capture images.
- 4. Turn on MPEG4 function.
- 5. Turn on FM receiver function to make the EUT receive continuous signals from FM station



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.

<Class B Limit>

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

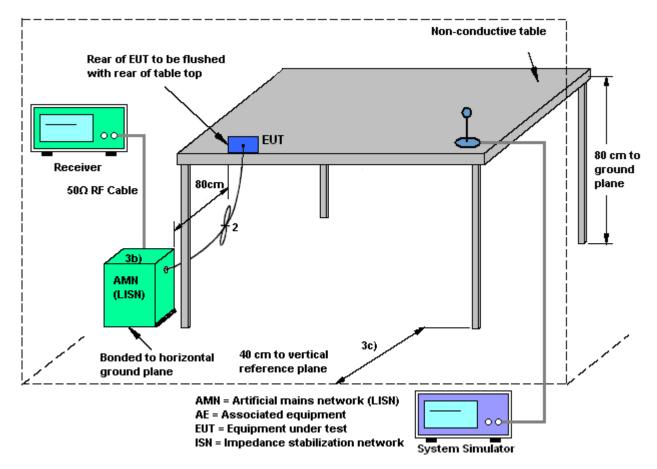
The measuring equipment is listed in the section 4 of this test report.

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



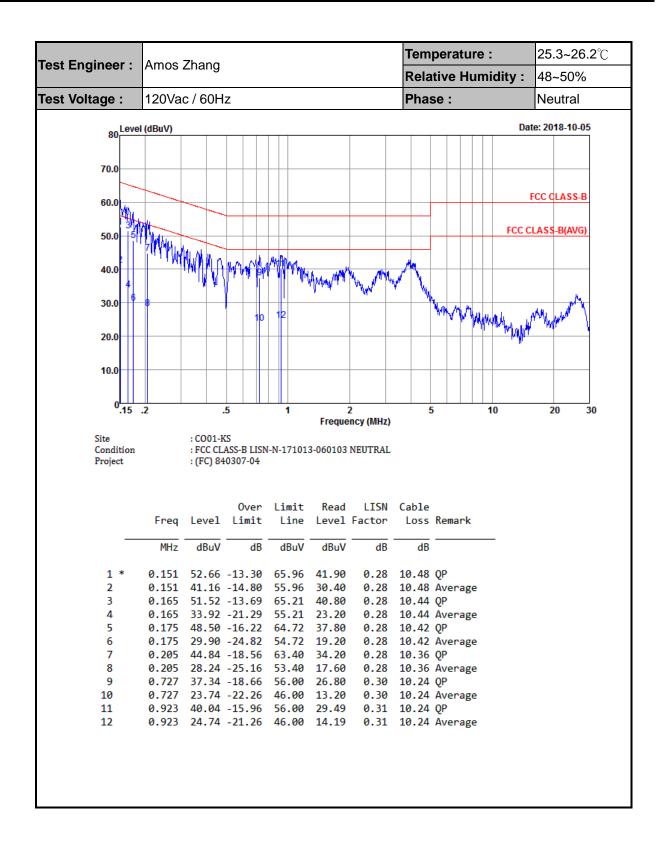


Toot Engineer	Amon Ther	a.				Tem	perat	ure	:	25	. 3~26.2° ℃
Test Engineer :	Amos Zhar	9				Rela	tive H	lum	idity :	48	~50%
Test Voltage :	120Vac / 60)Hz				Pha	se :			Lir	ne
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Site Condition	: COO : FCC	1-KS CLASS-B LISN 840307-04 Over	-L-171013 Limit	Freque	ncy (MHz) LINE LISN	Cable	Remar	k		-	
Site Condition	: COC : FCC : (FC Freq Leve	1-KS CLASS-BLISN 840307-04 Over 21 Limit	Limit	Freque 3-060103 I Read Level	ncy (MHz) LINE LISN Factor	Cable Loss	Remar	k	_		
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Site Condition Project	:COO :FCC :(FC MHz dBi 0.158 60.0 0.158 41.1 0.162 58.1 0.162 40.1	1-KS CLASS-B LISN 840307-04 0Ver el Limit iV dB 03 -5.53 53 -14.03 12 -7.22 12 -15.22	Limit Line dBuV 65.56 65.34 55.34	Freque 3-060103 J Read Level dBuV 49.40 30.90 47.50 29.50	LINE LISN Factor dB 0.17 0.17 0.17 0.17 0.17	Cable Loss dB 10.46 10.45 10.45	QP Avera QP Avera	ge	_		
Site Condition Project	:COO :FCC :(FC MHz dBi 0.158 60.0 0.158 41.1 0.162 58.1 0.162 40.1 0.173 55.1	1-KS CLASS-B LISN 840307-04 0Ver el Limit iV dB 03 -5.53 53 -14.03 12 -7.22 12 -15.22 50 -9.31	Limit Line dBuV 65.56 65.34 55.34 64.81	Freque 3-060103 J Read Level dBuV 49.40 30.90 47.50 29.50 44.90	LINE LISN Factor dB 0.17 0.17 0.17 0.17 0.17 0.18	Cable Loss dB 10.46 10.45 10.45 10.45 10.42	QP Avera QP Avera QP	ge ge	_		
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Site Condition Project 1 * 2 3 4 5 6 7 8 9 10 11 12 13	:COO :FCC :(FC MHz dB 0.158 60.0 0.158 41.0 0.158 41.1 0.162 58.3 0.162 40.3 0.173 55.3 0.173 35.4 0.203 51.3 0.203 34.3 0.203 34.3 0.233 46.4 0.233 27.3 0.312 42.4 0.312 26.3 0.356 40.4	1-KS CLASS-B LISN 840307-04 Over 21 Limit W dB 03 -5.53 03 -14.03 12 -7.22 12 -15.22 00 -9.31 10 -19.41 136 -12.13 16 -12.13 16 -19.23 15 -15.90 13 -17.50 13 -23.60 12 -18.41	Limit Line dBuV 65.56 65.34 65.34 64.81 63.49 53.49 62.35 52.35 59.93 49.93 58.83	Freque 3-060103 I Read Level dBuV 49.40 30.90 47.50 29.50 44.90 24.80 40.80 23.70 35.90 16.80 31.90 15.80 29.90	LINE LISN Factor dB 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17	Cable Loss dB 10.46 10.45 10.45 10.45 10.42 10.36 10.36 10.34 10.30 10.30 10.30	QP Avera QP Avera QP Avera QP Avera QP Avera QP	ge ge ge ge	_		
Site Condition Project 1 * 2 3 4 5 6 7 8 9 10 11 12 13 14	: COO : FCC : (FC) : (FC) MHz dB 0.158 60.4 0.158 40.2 0.162 58.2 0.162 58.3 0.162 40.2 0.173 55.2 0.173 35.4 0.203 51.2 0.203 34.2 0.233 46.4 0.312 42.4 0.312 42.4 0.356 40.4 0.356 25.5	1-KS CLASS-B LISN 840307-04 0ver 21 Limit W dB 03 -5.53 03 -14.03 12 -7.22 12 -15.22 00 -9.31 10 -19.41 136 -12.13 16 -12.13 16 -12.13 15 -15.90 15 -25.00 13 -17.50 13 -23.60 12 -18.41 22 -23.61	Limit Line dBuV 65.56 65.34 65.34 64.81 63.49 53.49 62.35 52.35 59.93 49.93 58.83 48.83	Freque 3-060103 I Read Level dBuV 49.40 30.90 47.50 29.50 44.90 24.80 40.80 23.70 35.90 16.80 31.90 15.80 29.90 14.70	LINE LISN Factor dB 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17	Cable Loss dB 10.46 10.45 10.45 10.45 10.42 10.36 10.36 10.34 10.30 10.30 10.28 10.28	QP Avera QP Avera QP Avera QP Avera QP Avera QP Avera	ge ge ge ge	_		
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Site Condition Project 1 * 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	:COO :Freq Leve MHz dB 0.158 60. 0.158 41. 0.162 58. 0.162 40. 0.173 55. 0.162 40. 0.173 35. 0.203 51. 0.203 34. 0.233 46. 0.233 46. 0.233 27. 0.312 42. 0.312 26. 0.356 40. 0.356 25. 0.408 41. 0.408 23.	1-KS CLASS-B LISN 840307-04 Over el Limit W dB 03 -5.53 03 -14.03 12 -7.22 12 -15.22 00 -9.31 10 -19.41 03 -19.41 03 -19.23 15 -15.90 03 -25.00 13 -17.50 03 -23.60 12 -18.41 22 -23.61 01 -16.67 01 -23.77	Limit Line dBuV 65.56 65.34 65.34 64.81 63.49 53.49 62.35 52.35 59.93 49.93 58.83 48.83 57.68 47.68	Freque 3-060103 I Read Level dBuV 49.40 30.90 47.50 29.50 44.90 24.80 40.80 23.70 35.90 16.80 31.90 15.80 29.90 14.70 30.50 13.40	LINE LISN Factor dB 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.18 0.20 0.21 0.21 0.21 0.21 0.23 0.24 0.24 0.25 0.25	Cable Loss dB 10.46 10.45 10.45 10.45 10.42 10.36 10.36 10.34 10.30 10.30 10.28 10.28 10.28 10.26	QP Avera QP Avera QP Avera QP Avera QP Avera QP Avera QP Avera	ge ge ge ge	_		
Site Condition Project 1 * 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	: COO : FCC : (FC) MHz 0.158 0.158 0.158 0.158 0.158 0.162 0.162 0.162 0.162 0.162 0.163 0.173 0.203 0.203 0.203 0.203 0.203 0.203 0.203 0.312 0.312 0.356 0.408 0.408 0.406	1-KS CLASS-B LISN 840307-04 0ver el Limit W dB 03 -5.53 03 -14.03 12 -7.22 12 -15.22 00 -9.31 10 -19.41 03 -12.13 10 -19.41 03 -12.13 10 -19.23 15 -15.90 13 -25.00 13 -17.50 13 -23.60 12 -18.41 12 -23.61 01 -16.67 01 -23.77 10 -16.58	Limit Line dBuV 65.56 65.34 65.34 64.81 63.49 53.49 62.35 52.35 59.93 49.93 58.83 48.83 57.68 47.68 56.58	Freque 3-060103 I Read Level dBuV 49.40 30.90 47.50 29.50 44.90 24.80 40.80 23.70 35.90 16.80 31.90 15.80 29.90 14.70 30.50 13.40 29.50	LINE LISN Factor dB 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.18 0.20 0.21 0.21 0.21 0.21 0.21 0.23 0.24 0.24 0.25 0.25 0.26	Cable Loss dB 10.46 10.45 10.45 10.45 10.45 10.42 10.36 10.34 10.30 10.30 10.38 10.28 10.28 10.26 10.24	QP Avera QP Avera QP Avera QP Avera QP Avera QP Avera QP Avera QP	ge ge ge ge ge	_		
Site Condition Project 1 * 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	: COO : FCC : (FC) MHz 0.158 0.158 0.158 0.158 0.158 0.162 0.162 0.162 0.162 0.162 0.163 0.173 0.203 0.203 0.203 0.203 0.203 0.203 0.203 0.312 0.312 0.356 0.408 0.408 0.406	1-KS CLASS-B LISN 840307-04 0ver el Limit 0 0ver el Limit 0 0 0 0 0 0 0 0 0 0 0 0 0	Limit Line dBuV 65.56 65.34 65.34 64.81 63.49 53.49 62.35 52.35 59.93 49.93 58.83 48.83 57.68 47.68 56.58 46.58	Freque 3-060103 I Read Level dBuV 49.40 30.90 47.50 29.50 44.90 24.80 40.80 23.70 35.90 16.80 31.90 15.80 29.90 14.70 30.50 13.40 29.50 16.90	LINE LISN Factor dB 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17	Cable Loss dB 10.46 10.45 10.45 10.45 10.42 10.36 10.36 10.34 10.30 10.30 10.28 10.28 10.28 10.26	QP Avera QP Avera QP Avera QP Avera QP Avera QP Avera QP Avera	ge ge ge ge ge	_		

3.1.5 Test Result of AC Conducted Emission

Sporton International (Kunshan) Inc. TEL : +86-512-57900158 FAX : +86-512-57900958 FCC ID : ZL5B35E







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:

<Class B Limit>

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.



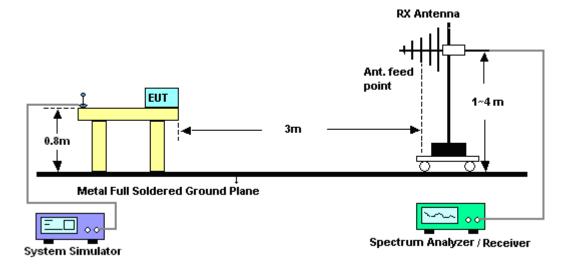
3.2.3. Test Procedures

- 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 μ V/m) = 20 log Emission level (μ V/m)
- 9. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level

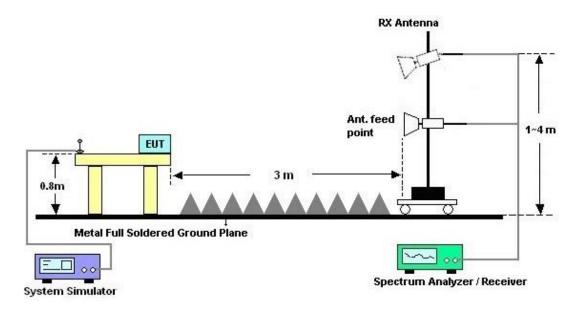


3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz

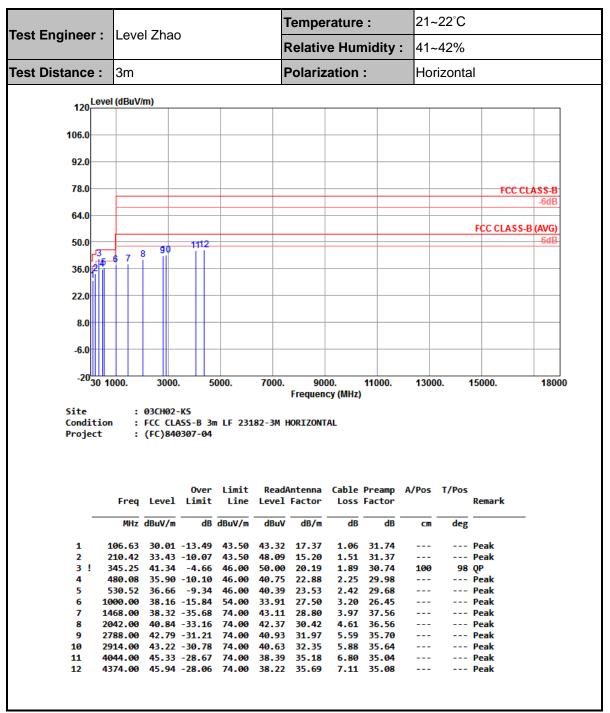


For radiated emissions above 1GHz

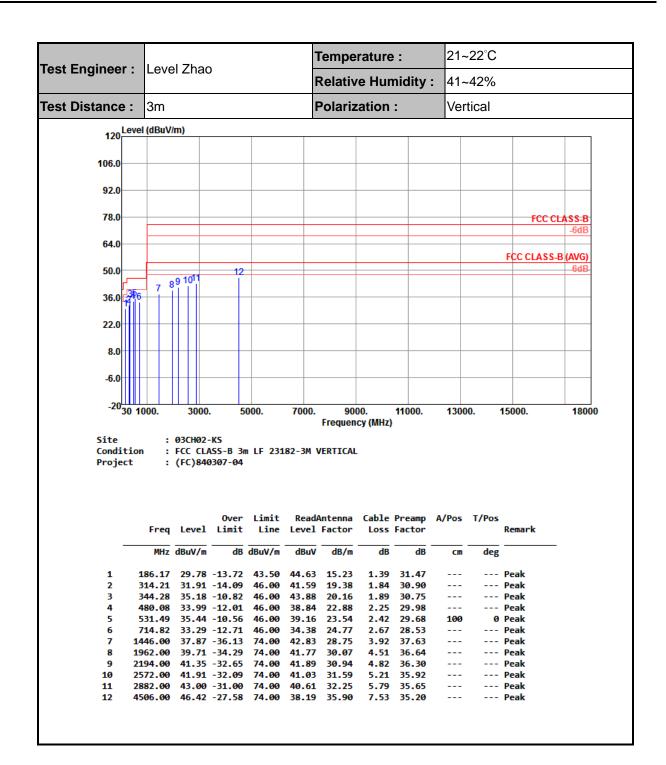




3.2.5. Test Result of Radiated Emission









4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	Apr. 19, 2018	Oct. 05, 2018	Apr. 18, 2019	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060103	9kHz~30MHz	Oct. 13, 2017	Oct. 05, 2018	Oct. 12, 2018	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060105	9kHz~30MHz	Nov. 23, 2017	Oct. 05, 2018	Nov. 22, 2018	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP0000008 11	AC 0V~300V, 45Hz~1000Hz	Oct. 13, 2017	Oct. 05, 2018	Oct. 12, 2018	Conduction (CO01-KS)
EMI Test Receiver	R&S	ESR7	101403	9kHz~7GHz;Ma x 30dBm	Aug. 08, 2018	Oct. 16, 2018	Aug. 07, 2019	Radiation (03CH02-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150208	10Hz-44G,MAX 30dB	Oct. 10, 2018	Oct. 16, 2018	Oct. 09, 2019	Radiation (03CH02-KS)
Bilog Antenna	TeseQ	CBL6112D	23182	30MHz-2GHz	Jan. 29, 2018	Oct. 16, 2018	Jan. 28, 2019	Radiation (03CH02-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75957	1GHz~18GHz	Oct. 21, 2017	Oct. 16, 2018	Oct. 20, 2018	Radiation (03CH02-KS)
SHF-EHF Horn	Schwarzbeck	BBHA 9170	BBHA170249	15GHz~40GHz	Feb. 07, 2018	Oct. 16, 2018	Feb. 06, 2019	Radiation (03CH02-KS)
Amplifier	MITEQ	TTA1840-35-H G	2014749	18~40GHz	Feb. 08, 2018	Oct. 16, 2018	Feb. 07, 2019	Radiation (03CH02-KS)
				1MHz				
Amplifier	com-power	PA-103A	161069	~1000MHz / 32 dB	Apr. 17, 2018	Oct. 16, 2018	Apr. 16, 2019	Radiation (03CH02-KS)
Amplifier	Keysight	83017A	MY57280106	500M~26.5GHz	Apr. 18, 2018	Oct. 16, 2018	Apr. 17, 2019	Radiation (03CH02-KS)
AC Power Source	Chroma	61601	61601000247 3	N/A	NCR	Oct. 16, 2018	NCR	Radiation (03CH02-KS)
Turn Table	MF	MF7802	N/A	0~360 degree	NCR	Oct. 16, 2018	NCR	Radiation (03CH02-KS)
Antenna Mast	MF	MF7802	N/A	1 m~4 m	NCR	Oct. 16, 2018	NCR	Radiation (03CH02-KS)

NCR: No Calibration Required



5. Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence	2.9 dB
of 95% (U = 2Uc(y))	2.9 dB

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

Measuring Uncertainty for a Level of Confidence	4.8 dB	
of 95% (U = 2Uc(y))	4.0 UB	

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

Measuring Uncertainty for a Level of Confidence	5.2 dB	
of 95% (U = 2Uc(y))	5.2 dB	



Appendix B. Product Equality Declaration

Bullitt Mobile Limited

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

Date: 6/28/2018

Product Equality Declaration

We, Bullitt Mobile Limited, declare on our sole responsibility for the product of B35 as below:

1. The differences between present and previous are:

Object	Original Source (Dual SIMs) (Single SIM)	Second source (Dual SIMs) (Single SIM)	Remark
Receiver	R0612A24WT	PS120620HS02N	Only supplier difference

Dual SIM products are different from Single SIM products only in SIM card tray. The detailed differences are listed above. Should you have any questions or comments regarding this matter, please have my best attention.

Sincerely yours,

Contact Person: Wayne Huang COMPANY: Bullitt Mobile Ltd. Tel: +886 – 2 -26278305 E-Mail: Whuang@bullitt-group.com