

Prüfbericht-Nr.: <i>Test Report No.:</i>	17039169 007	Auftrags-Nr.: <i>Order No.:</i>	164012357	Seite 1 von 27 Page 1 of 27	
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	n/a	Auftragsdatum: <i>Order date:</i>	28.03.2014		
Auftraggeber: <i>Client:</i>	Fluke Corporation 6920 Seaway Blvd, Everett WA 98203, USA				
Prüfgegenstand: <i>Test item:</i>	Battery Analyzer				
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	BT508, BT510, BT520, BT521 (Fluke)				
Auftrags-Inhalt: <i>Order content:</i>	FCC and IC Approval				
Prüfgrundlage: <i>Test specification:</i>	CFR 47 FCC Rule Part 15.107(b) CRF 47 FCC Rule Part 15.109(b) ICES-003 Issue 5 August 2012 FCC KDB Publication 447498 v05r01 RSS-102 Issue 4 March 2010				
Wareneingangsdatum: <i>Date of receipt:</i>	31.03.2014				
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000039327-003				
Prüfzeitraum: <i>Testing period:</i>	31.03.2014 – 21.04.2014				
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd.				
Prüflaboratorium: <i>Testing laboratory:</i>	TUV Rheinland (Shenzhen) Co., Ltd.				
Prüfergebnis*: <i>Test result*:</i>	Pass				
geprüft von / tested by:		kontrolliert von / reviewed by:			
18.04.2014 Tom Wang/Assistant Project Manager		18.04.2014 Winnie Hou/Technical Certifier			
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>
Sonstiges / Other: The EUT is used as Class A digital device.					
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>			Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested					
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>					

TEST SUMMARY

5.1.1 CONDUCTED EMISSIONS

RESULT: Pass

5.1.2 RADIATED EMISSION

RESULT: Pass

6.1.1 RADIO FREQUENCY EXPOSURE COMPLIANCE

RESULT: Pass

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10. LIST OF PHOTOGRAPHS.....27**1. General Remarks****1.1 Complementary Materials**

Null.

2. Test Sites**2.1 Test Facilities**

- Accurate Technology Co., Ltd. (ATC)
F1, Bldg. A, Changyuan New Material Port
Keyuan Rd., Science & Industry Park, Nanshan
Shenzhen, P.R. China

FCC Registration No.: 752051
Test site Industry Canada No.: 5077A-2

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment
Conducted Emission

No.	Model	Equipment name (Internal No.)	Serial no.	Calibration due date
1.	ENV216	Artificial mains network (EMC-C-104)	101199	27.09.2014
2.	ESCI	EMI test receiver (EMC-C-103)	101083	28.09.2014

Radiated Emission

No.	Model	Equipment name (Internal No.)	Serial no.	Calibration due date
1.	SAC3	3m modified semi-anechoic chamber	FJ129002	04.02.2015
2.	ESCI	EMI test receiver (EMC-C-066)	100280	07.11.2014
3.	BTA-H	Broadband antenna (EMC-C-005)	040005H	25.09.2015
4.	ESIB26	EMI test receiver	100227	21.05.2014
5.	HXYZ 9170	Triple loop antenna	HXYZ 9170-128	21.05.2014
6.	ESCI	EMI test receiver (EMC-C-103)	101083	28.09.2014
7.	ESCI	EMI test receiver (EMC-C-107)	100178	24.02.2015
8.	VULB 9163	Trilog broadband antenna	9163-492	29.05.2015

2.1 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.2 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.3 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are $\pm 3\text{dB}$.

2.4 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix1 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.5 Status of Facility Used for Testing

The Shenzhen Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Meterial Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

Fluke Battery Analyzer family has four models, BT508, BT510, BT520 and BT521. The product is a multifunctional meter designed for the test and measurement of a stationary battery. It can determine the deterioration of batteries by measuring the internal impedance and voltage. It can also measure electrical parameters for battery maintenance.

All models are identical and shared the same case and PCB. Its designed functions are different via burned-in software.

Only BT521 has two wireless modules, Zigbee module T68-FWCS and Bluetooth module XDULE40-S2. Zigbee module is communicated with the same module on BTL21 test lead, can measure the temperature of the battery pole through non-contact method, the temperature is transferred and saved in the meter through Zigbee module. Bluetooth module is communicated for PC terminals or mobile terminals.

The models' differences are:

Model	BT508	BT510	BT520	BT521
Battery	Y	Y	Y	Y
VDC	Y	Y	Y	Y
VAC	N	Y	Y	Y
Freq	N	Y	Y	Y
Ripple	N	Y	Y	Y
Temperature	N	N	N	Y

3.2 Ratings and System Details

System input voltage: DC 7.4 V (via built-in lithium-ion battery pack BP500, 3000 mAH)
 Rated power: Less than 16W

Table 2: Technical Specification of the battery analyzer

Technical Specification	Value
Kind of Equipment	Battery Analyzer
Type Designation	BT521
Operating Frequency band	2402.0 – 2480.0MHz
Employed RF Technology	Bluetooth V4.0 Single Mode
Occupied Bandwidth	1.054 MHz
Channel Spacing	1MHz

Extreme Temperature Range	0~+40°C
Operation Voltage	DC 2010-02- V (via 2010-02-) DC 18V, 1A when being charged by marketed AC/DC charger
Modulation	GFSK
Antenna Type	Built-In Chip Antenna
Antenna Gain	3dBi

Table 3: Technical Specification of the battery analyzer and probe BTL21

Technical Specification	Value
Kind of Equipment	Probe
Type Designation	BTL21
Operating Frequency band	2405.0-2480.0MHz
Employed RF Technology	ZigBee
Occupied Bandwidth	2.673 MHz
Channel Spacing	5 MHz
Extreme Temperature Range	0~+40°C
Operation Voltage	(Via direct connection from battery analyzer)
Modulation	OQPSK
Antenna Type	Built-In Chip Antenna
Antenna Gain	3dBi

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, radio transmitting
 - 1. Bluetooth transmitting of the battery analyzer
 - 2. ZigBee transmitting of the battery analyzer
 - 3. ZigBee transmitting of the probe BTL21
- B. On, radio receiving
 - 1. Bluetooth receiving of the battery analyzer
 - 2. ZigBee receiving of the battery analyzer
 - 3. ZigBee receiving of the probe BTL21
- C. On, under measurement (with and without PC connection)
 - 4. mΩ function with 4 different ranges and with Bluetooth ON
 - 5. VDC function with 4 different ranges
 - 6. VAC function
 - 7. Ripple function with 2 different ranges
 - 8. Temperature function (when connected with probe BTL21 only)
- D. Charging mode
- E. Stand by
- F. Off.

Note:

During charging mode, the measurement function is not working.

3.4 Noise Generating and Noise Suppressing Parts

Nothing mentioned explicitly.

3.5 Submitted Documents

- Block diagram
- Bill of Material
- Schematic diagram
- Instruction manual
- Rating label
- Operational description

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5.

According to the difference indicated in Clause 3.1, testing was carried out on model BT521 only, which the most complex model.

Software used for testing: "teraterm-4.80" provided by client

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of marketed accessories

Item	Model No.	Serial No.	Manufacturer
AC/DC Adapter	153586	004024401751	Fluke
Battery test leads (probe)	BTL21	n/a	Fluke

Table 5: List of interconnected cables

Cable Description	Type (Cores, Shielded)	Length (m)
AC input cable of adapter	2 cores, unshielded	1.65
DC output cable of adapter	2 cores, unshielded	1.85

4.4 Countermeasures to achieve EMC Compliance

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

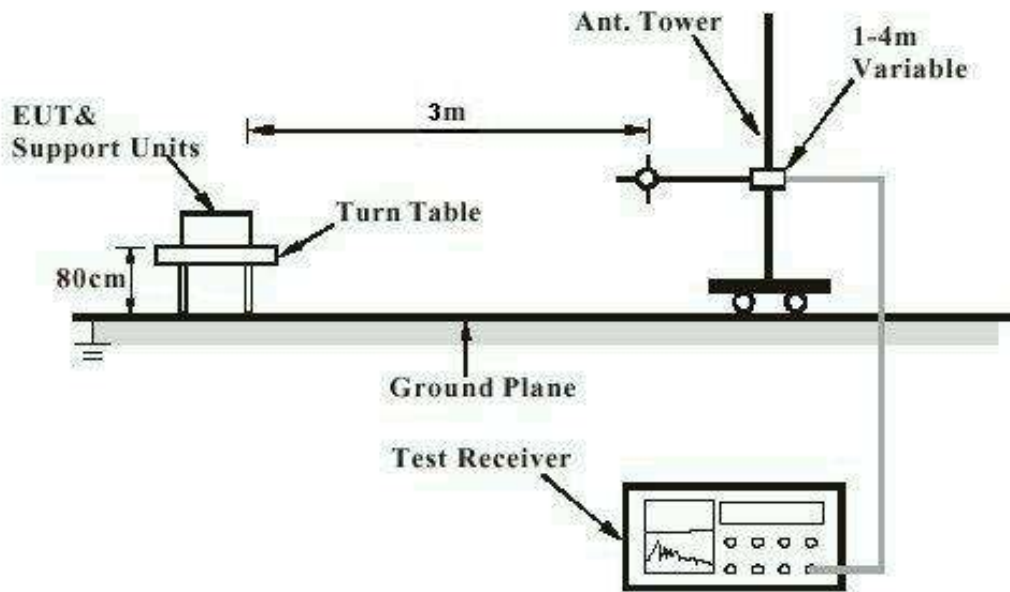
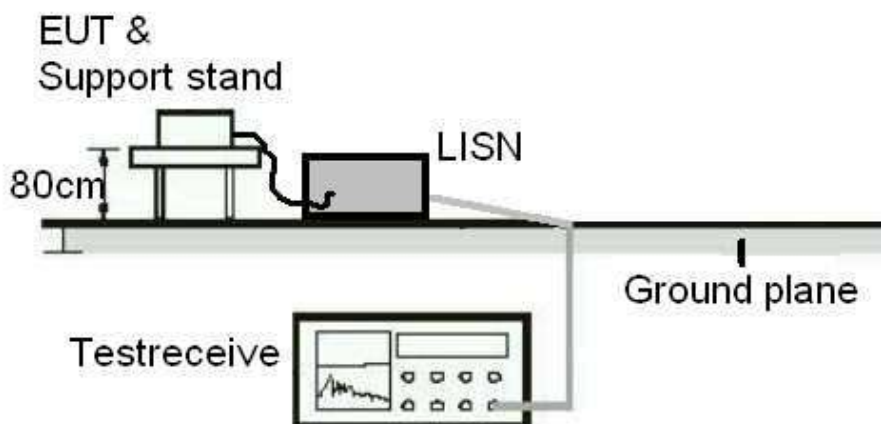


Diagram of Measurement Equipment Configuration for Mains Conduction Measurement



5. Test Results EMISSION

5.1 Emission in the Frequency Range above 30 MHz

5.1.1 Conducted emissions

RESULT:**Pass**

Date of testing : 31.03.2014
Test standard : FCC Part 15.107(b)
ICES-003 Issue 5 August 2012
Basic standard : ANSI C63.4: 2003
Frequency range : 0.15 – 30MHz
Classification : Class A
Kind of test site : Shield room

Test setup

Input Voltage : AC 120V, 60Hz - AC/DC adapter
Operation Mode : D
Earthing : Not connected
Ambient temperature : 25°C
Relative humidity : 55%
Atmospheric pressure : 101 kPa

**Figure 1: Terminal Continuous Disturbance Voltage on AC Mains (0.15 - 30) MHz
 - Line Live**

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CONDUCTED EMISSION STANDARD FCC PART 15 A

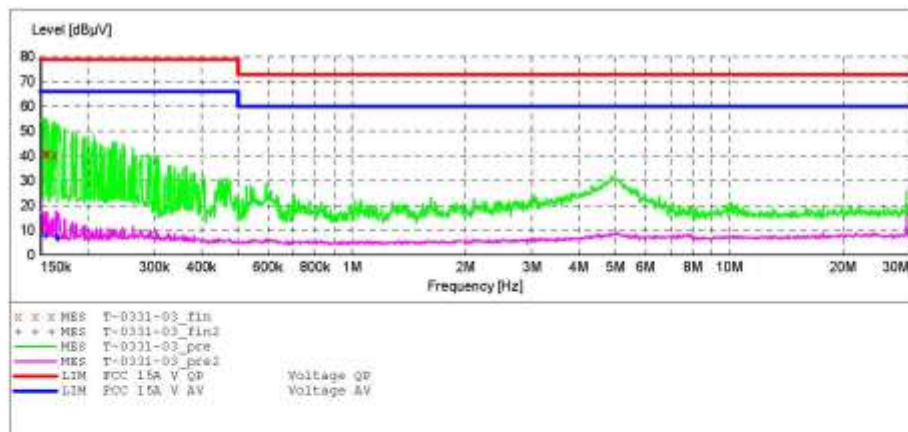
EUT: Fluke DMM M/N:BT521
 Manufacturer:
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/50Hz
 Comment: Mains Port
 Start of Test: 3/31/2014 / 10:27:05AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	NSLK9126 2008

 Average


MEASUREMENT RESULT: "T-0331-03_fin"

3/31/2014 10:36AM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.154251	41.00	10.5	79	38.0	QP	L1	GND
0.156109	40.90	10.5	79	38.1	QP	L1	GND
0.163117	40.40	10.5	79	38.6	QP	L1	GND

MEASUREMENT RESULT: "T-0331-03_fin2"

3/31/2014 10:36AM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.154251	7.70	10.5	66	58.3	AV	L1	GND
0.164425	7.40	10.5	66	58.6	AV	L1	GND
0.167071	6.60	10.5	66	59.4	AV	L1	GND

**Figure 2: Terminal Continuous Disturbance Voltage on AC Mains (0.15 - 30) MHz
 - Line Neutral**

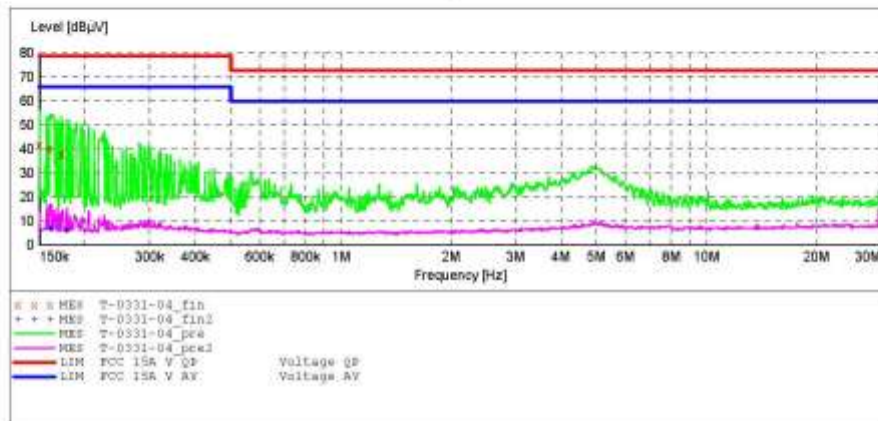
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 A

EUT: Fluke DMM M/N:BT521
 Manufacturer:
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/50Hz
 Comment: Mains Port
 Start of Test: 3/31/2014 / 10:38:59AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: SUB STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time BandW.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "T-0331-04_fin"

3/31/2014 10:47AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	41.90	10.5	79	37.1	QP	N	GND
0.159893	40.40	10.5	79	38.6	QP	N	GND
0.172493	38.10	10.5	79	40.9	QP	N	GND

MEASUREMENT RESULT: "T-0331-04_fin2"

3/31/2014 10:47AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.159893	6.90	10.5	66	59.1	AV	N	GND
0.161820	7.30	10.5	66	58.7	AV	N	GND
0.178091	6.20	10.5	66	59.8	AV	N	GND

5.1.2 Radiated Emission

RESULT:**Pass**

Date of testing : 31.03.2014-21.04.2014
Test standard : FCC Part 15 Per Section 15.109(b)
ICES-003 Issue 5 August 2012
Frequency range : 30 - 6000MHz
Classification : Class A
Test procedure : ANSI C63.4: 2003
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Input Voltage : DC 7.4V - Measurement mode
AC 100-240V, 50/60Hz - Charging mode
Operation mode : C, D
Ambient temperature : 25°C
Relative humidity : 55%
Atmospheric pressure : 101 kPa

The worst case measurement data and graphs are indicated below.

Figure 3: Radiated Emission 30MHz - 1GHz, Horizontal Antenna Orientation – mode C

ACCURATE TECHNOLOGY CO., LTD.

 F1 Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #979

Standard: FCC Class A 3M Radiated

Test item: Radiation Test

Temp.(C/Hum (%)) 23 C / 48 %

EUT: Fluke DMM

Mode: Measure mode

Model: BT521

Manufacturer:

Polarization: Horizontal

Power Source: DC 7.4V

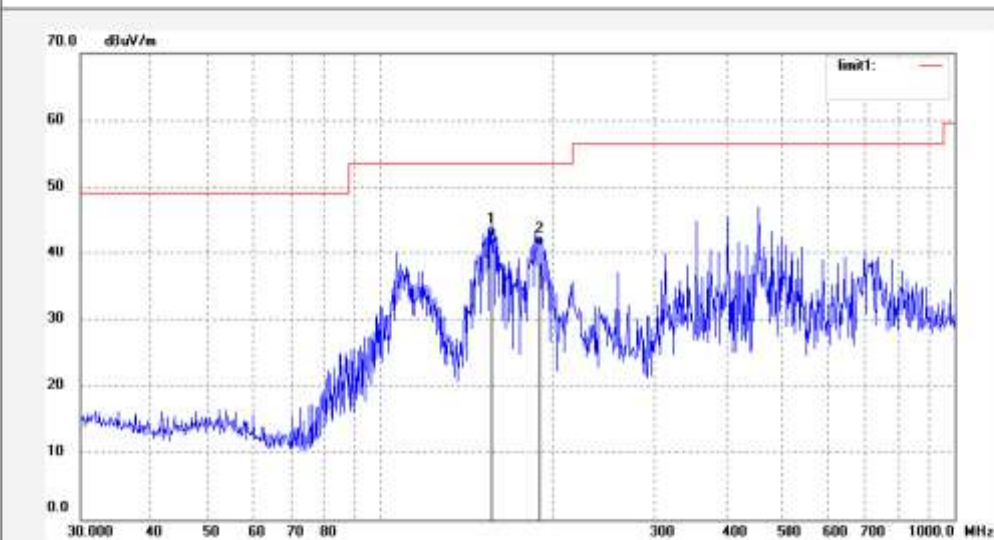
Date: 2014-3-31

Time: 8:31:44

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	158.2170	57.31	-14.74	42.57	53.50	-10.93	QP			
2	190.6110	53.87	-12.62	41.25	53.50	-12.25	QP			

Figure 4: Radiated Emission 30MHz - 1GHz, Vertical Antenna Orientation – mode C

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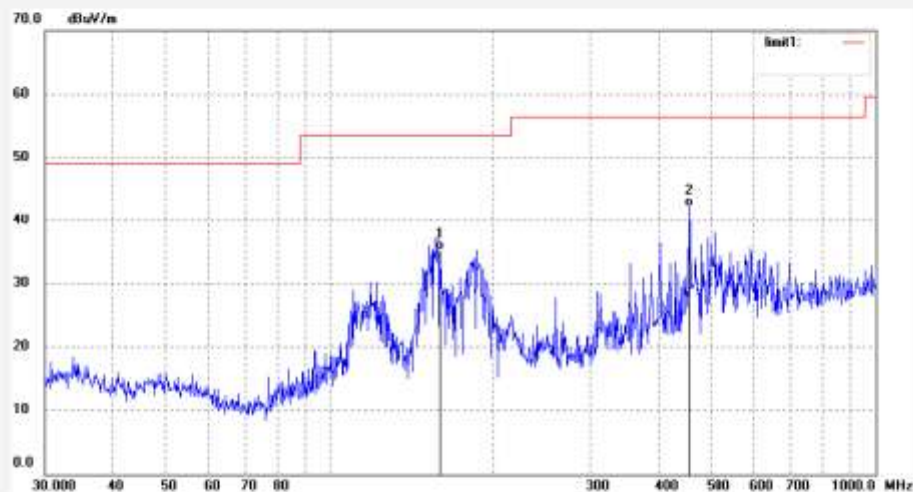
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #980	Polarization: Vertical
Standard: FCC Class A 3M Radiated	Power Source: DC 7.4V
Test item: Radiation Test	Date: 2014-3-31
Temp.: CyHum (%) 23 C / 48 %	Time: 8:40:57
EUT: Fluke DMM	Engineer Signature: PEI
Mode: Measure mode	Distance: 3m
Model: BT521	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	159.2145	49.93	-14.64	35.29	53.50	-18.21	QP			
2	455.9982	48.03	-5.69	42.34	56.40	-14.06	QP			

Figure 5: Radiated Emission 1-18 GHz, Horizontal Antenna Orientation – mode C

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian #2725

Standard: FCC Class A

Test item: Radiation Test

Temp.(C)/Humidity(%): 23 C / 48 %

EUT: Fluke DMM

Mode: Measure mode

Model: BT521

Manufacturer:

Polarization: Horizontal

Power Source: DC 7.4V

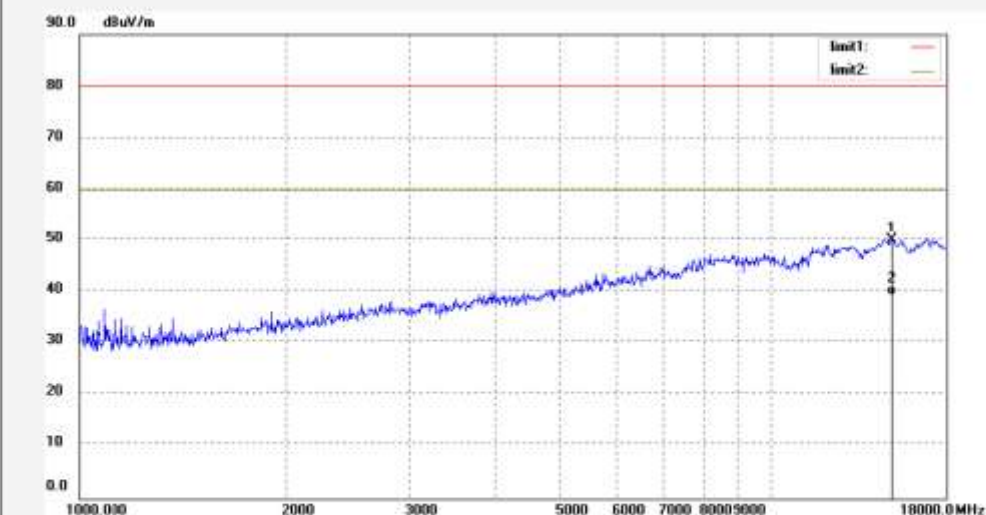
Date: 14/04/21/

Time: 14/01/19

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	15027.854	8.98	41.04	50.02	80.00	-29.98	peak			
2	15027.854	-1.74	41.04	39.30	60.00	-20.70	AVG			

Figure 6: Radiated Emission 1-18 GHz, Horizontal Antenna Orientation – mode C

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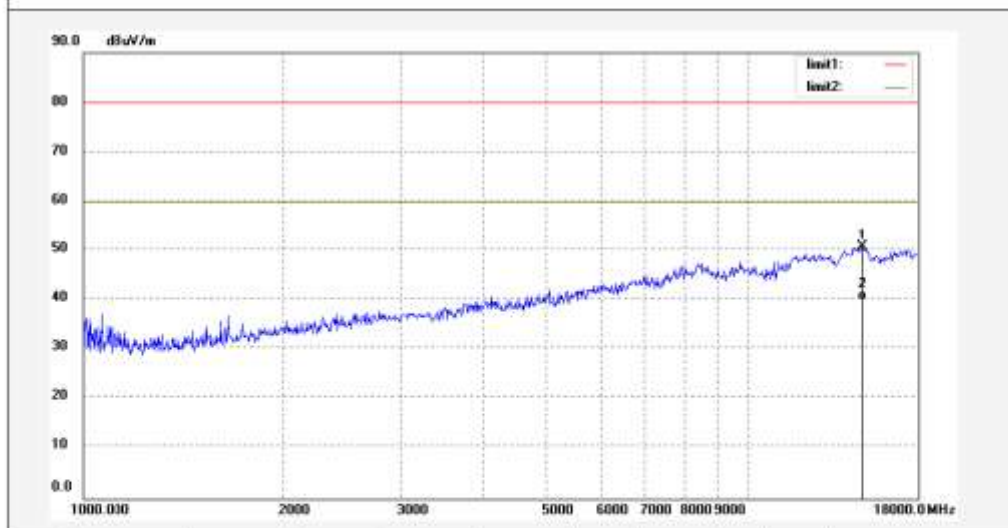
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian #2726	Polarization: Vertical
Standard: FCC Class A	Power Source: DC 7.4V
Test item: Radiation Test	Date: 14/04/21/
Temp (C)/Hum (%) 23 C / 48 %	Time: 14/10/26
EUT: Fluke DMM	Engineer Signature: PEI
Mode: Measure mode	Distance: 3m
Model: BT521	
Manufacturer:	

Note:



No.	Freq (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	14853.900	9.26	41.54	50.80	80.00	-29.20	peak			
2	14853.900	-1.52	41.54	40.02	60.00	-19.98	AVG			

Figure 7: Radiated Emission 30MHz - 1GHz, Horizontal Antenna Orientation – mode D

ACCURATE TECHNOLOGY CO., LTD.

 F1 Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #982

Standard: FCC Class A 3M Radiated

Test item: Radiation Test

Temp.(C/Hum (%)) 23 C / 48 %

EUT: Fluke DMM

Mode: Charging

Model: BT521

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

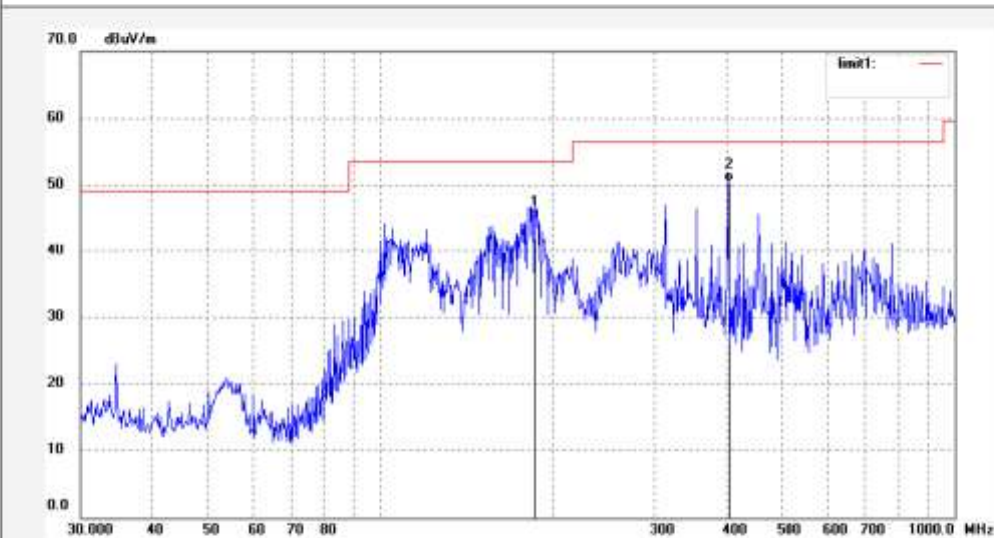
Date: 2014-3-31

Time: 8:58:40

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	186.7760	57.65	-12.69	44.96	53.50	-8.54	QP			
2	407.9919	57.13	-6.63	50.50	56.40	-5.90	QP			

Figure 8: Radiated Emission 30MHz - 1GHz, Vertical Antenna Orientation – mode D

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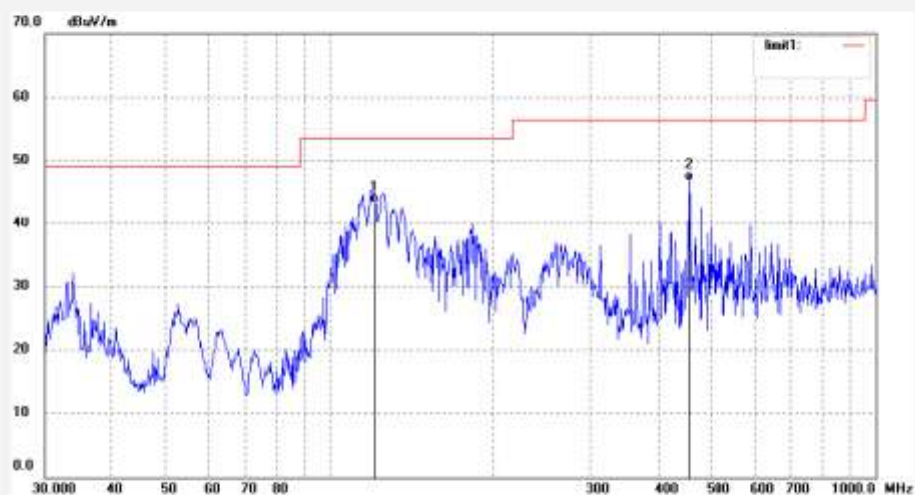
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #981	Polarization: Vertical
Standard: FCC Class A 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-3-31
Temp./CyHum (%) 23 C / 48 %	Time: 8:48:19
EUT: Fluke DMM	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: BT521	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	121.8570	56.68	-13.37	43.31	53.50	-10.19	QP			
2	455.9976	52.57	-5.69	46.88	56.40	-9.52	QP			

Figure 9: Radiated Emission 1-18 GHz, Horizontal Antenna Orientation – mode D

ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

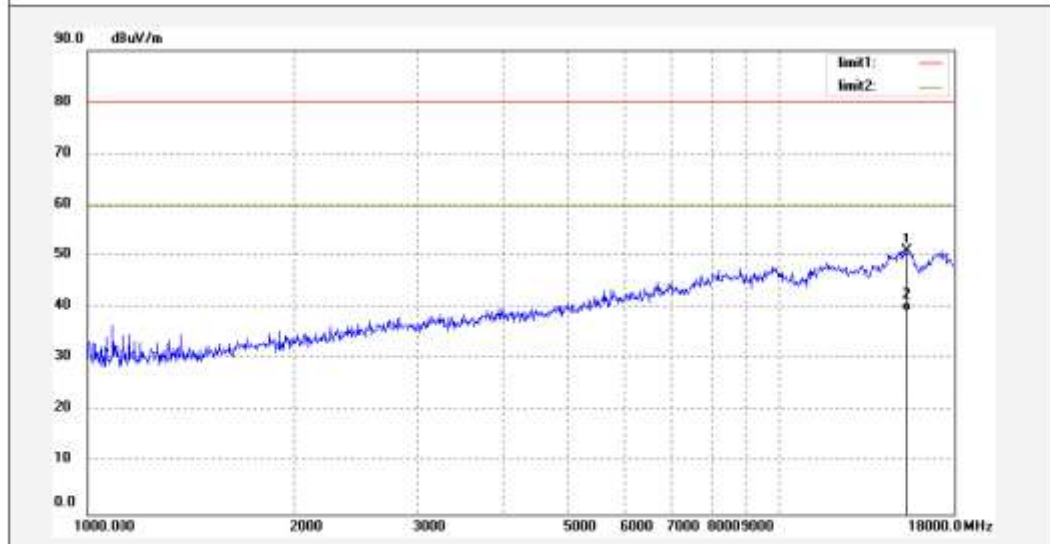
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No: Ian #2727
 Standard: FCC Class A
 Test item: Radiation Test
 Temp.(C)/Humidity(%): 23 C / 48 %
 EUT: Fluke DMM
 Mode: Charging
 Model: BT521
 Manufacturer:

 Polarization: Horizontal
 Power Source: AC 120V/60Hz
 Date: 14/04/21/
 Time: 14/19/19
 Engineer Signature: PEI
 Distance: 3m

Note:



No	Freq (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	15381.899	10.56	40.34	50.90	80.00	-29.10	peak			
2	15381.899	-1.10	40.34	39.24	60.00	-20.76	AVG			

Figure 10: Radiated Emission 1-18 GHz, Horizontal Antenna Orientation – mode D

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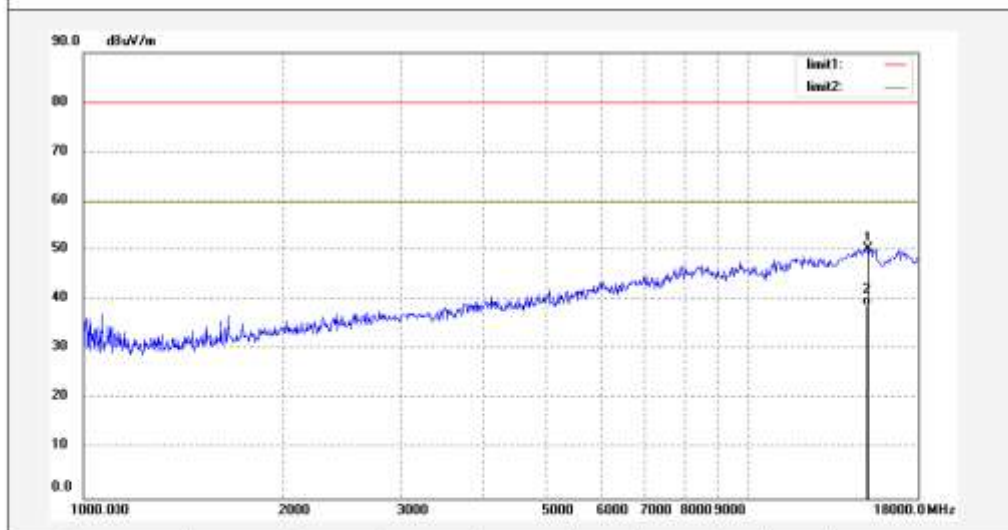
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian #2728	Polarization: Vertical
Standard: FCC Class A	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/04/21/
Temp (C)/Hum (%) 23 C / 48 %	Time: 14/28/26
EUT: Fluke DMM	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: BT521	
Manufacturer:	

Note:



No.	Freq (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	15159.656	9.50	40.78	50.28	80.00	-29.72	peak			
2	15159.656	-1.87	40.78	38.91	80.00	-21.09	AVG			

6. Safety Human Exposure

6.1 Human Exposure to Electromagnetic Fields 10MHz-300GHz

6.1.1 Radio Frequency Exposure Compliance

RESULT:**Pass**

Test standard : RSS-102 Issue 4, March 2010
FCC KDB Publication 447498 v05r01

The minimum distance for the EUT would be 5 mm, and during simultaneous transmission of the two transmitters the peak output power will be 0.00401 W (= 0.0025 mW + 0.00151 mW) only, which far below the threshold level 0.01 W (10 mW), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure.Guidance v05r01.

And the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 4 as well.

7. Photographs of the Test Set-Up

Photograph 1: Set-up for Conducted Emission



Photograph 2: Set-up for Radiated Emission – 30-1000 MHz



Photograph 3: Set-up for Radiated Emission – 1-18 GHz



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