

FCC CERTIFICATION REPORT

Test Report No.: EI/2012/30017

Applicant : Motorola Mobility Inc.

Address of Applicant : 9 F., No.9, Songgao Rd., Taipei 110, Taiwan, R.O.C.

Equipment Under Test (EUT) :

Product Name: ARGON MINI

Marketing Name: XT390

Brand Name : Motorola

Model No. : 3343

FCC ID : IHDT56NN1

Added Model(s) : N/A

Standards : FCC Part 15:2010, Subpart B, Class B

Date of Receipt : Feb. 17, 2012

Date of Test : Feb. 17, 2012 ~ Mar. 21, 2012

Date of Issue : Mar. 21, 2012


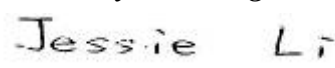
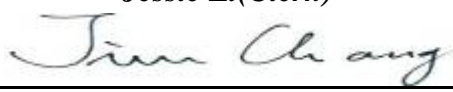
Test Result :	PASS
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In the configuration tested, the EUT complied with the standards specified above.

Remarks :

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report shall not be reproduced except in full, without the written approval of the laboratory. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

Test By:		Date	Mar. 21, 2012
	<hr/>		<hr/>
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Prepared By:		Date	Mar. 21, 2012
	<hr/>		<hr/>
	<i>Jessie Li(Clerk)</i>		
Approved By		Date	Mar. 21, 2012
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	<i>Jim Chang / Supervisor</i>		

Version

Version No.	Description	Date
00	Original report	Mar. 21, 2012

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1. General Information

1.1 Applicant & Manufacturer Information

Applicant : Motorola Mobility Inc.

Address of Applicant : 9 F., No.9, Songgao Rd., Taipei 110, Taiwan, R.O.C.

1.2 General Description of EUT

Product Name: ARGON MINI

Marketing Name: XT390

Brand Name : Motorola

Model No.: 3343

FCC ID : IHDT56NN1

Added Model(s) : N/A

Model Difference : N/A

Filing Type : Certification

Bluetooth:

Frequency Range:	2402 – 2480MHz
Bluetooth Version:	V3.0 +HS
Channel number:	79 channels
Modulation type:	GFSK+ π /4DQPSK+8DPSK
Transmit Power:	6.61 dBm (Peak)
Dwell Time:	<= 0.4s
Operating Mode:	Point-to-Point
Antenna Designation:	Embedded inverted-F antenna, -0.40dBi

This test report applies for Bluetooth function.

GSM:

Cellular Phone Standards Frequency Range and Power:	Operating Frequency		Rated Power
	GSM/GPRS 850, Class 10	824.2 MHz– 848.8 MHz	33 dBm
	GSM/GPRS 1900, Class 10	1850.2MHz – 1909.8MHz	30 dBm
	WCDMA/HSUPA/HSDPA Band V	826.4MHz – 846.6 MHz	24 dBm
Type of Emission:	GSM850: 248KGXW, GSM1900: 248KGXW GPRS850: 243KGXW, GPRS1900: 247KGXW WCDMA Band V: 4M16F9W, HSDPA Band V: 4M17F9W HSUPA Band V: 4M17F9W		
Hardware Version:	P2		
Software Version:	ARGONM_W_07.0C.02R_D		
IMEI:	359498040038369		

WLAN: 802.11 b/g/n

Frequency Range& Channel Number	802.11 b/g: 2412-2462MHz, 11 channels 802.11 n_20MHz: 2412-2462MHz, 11 channels
Rated Power	802.11 b: 20.00dBm 802.11 g: 17.12dBm 802.11 n_20MHz: 15.67dBm
Modulation type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
Transition Rate:	802.11 b: 1/2/5.5/11 Mbps; 802.11 g: 6/9/12/18/24/36/48/54 Mbps 802.11 n_20MHz: 6.5-65Mbps
Antenna Designation	Embedded inverted-F antenna, -0.40dBi

The EUT is compliance with IEEE 802.11 b/g/n Standard.

The max antenna gain is 0.58dBi which was choosing for Radiated Spurious Emission test.

This report applies for frequency bands: 2412MHz – 2462MHz

1.3 Details of EUT

Data Cable (USB):	Model No.: SKN6378A, Supplier: Motorola	
Simple Hands-free (SHF):	Model No.: SJYN0760A, Supplier: Motorola	
Hardware Version:	P2	
Software Version:	ARGONM_W_07.0C.02R_D	
Power Supply:	3.7Vdc form Li-Ion battery or 5.1Vdc form adapter.	
	Battery:	Model No.: MOTBAT-9, Supplier: Motorola
	Adapter :	Model No.: FMP5504A, Supplier: Motorola

Test Plan:

Argon					
		Config 1	Config 2	Config 3	Config 4
	Applicable standard (FCC)	Part 15B			
	Accessories	UE + Battery + AC Adaptor +USB Cable + SHF	UE + Battery +USB Cable + SHF	UE + Battery + AC Adaptor +USB Cable + SHF	UE + Battery + AC Adaptor +USB Cable + SHF
		Speech	Data link	Camera	FM MODE
		BT+WIFI+GPS	Data link	FULL SYSTEM	FM MODE
EN No.	Description				
8.2	radiated emission	GSM850/1900& WCDMA B5	Data link	Recording&Play Recording&MP3	FM 87.6 & FM98.0 & FM107.9
8.3	conducted emission (DC Power)	NA	N/A	N/A	N/A
8.4	conducted emission (AC Power)	GSM850/1900& WCDMA B5	Data link	Recording&Play Recording&MP3	FM 87.6 & FM98.0 & FM107.9

*Worst case mode:(Config 1 GSM 1900 link for Conducted Emission).

Worst case mode:(Config 2 Data link for Radiated Emission).

1.4 Operation Procedure

1. Set down EUT with support units and turn on the power of all equipment.
2. Pre-test the EUT in all modes by each model, then figure the worst case out.
3. Tests under the normal operation pattern.

1.5 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
NOTEBOOK	IBM	L412	LR-ZYMYD
Radio Communication Analyzer	R&S	CMU200	N/A
GPS Signal Generator	MP9100	MP9100-090021	N/A
Mouse	HP	M-UAE96	390938-001
Printer	HP	DJ3820	CN34L181B1
Signal Generator (FM)	Levear	VP-8194D	N/A
Wireless AP	BUFFALO	WHR-HP-G54	14062514623437
BT Drive	Creative	D200	N/A
Signal Generator	Levear	VP-8194D	0821170LA

1.6 Modification List

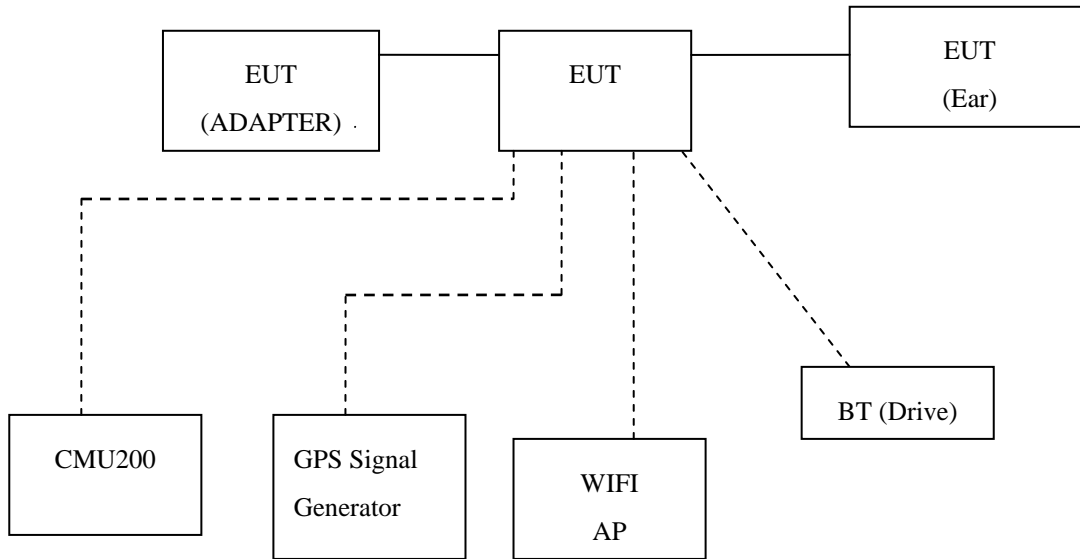
No modification by SGS Taiwan Electronics & Communication Laboratory.

1.7 Cable List

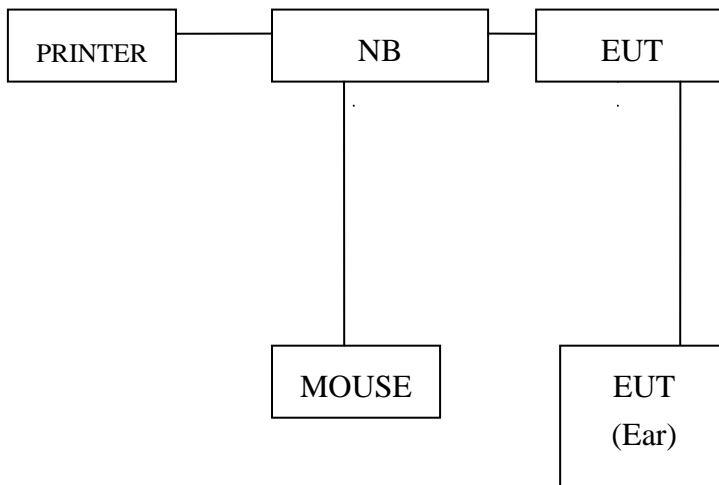
Cable Type	Length	Shield
N/A	N/A	N/A

1.8 Test Set-Up Configuration

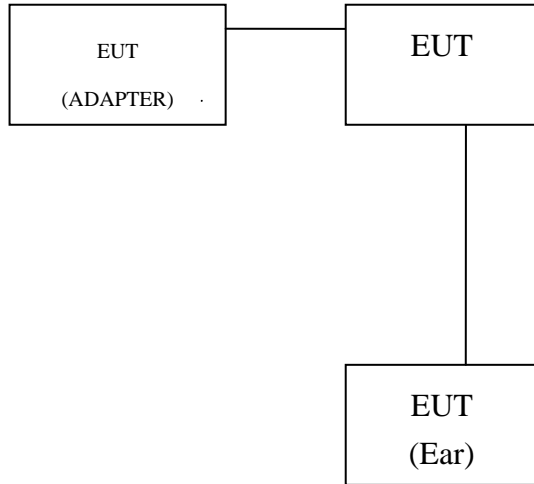
Config1



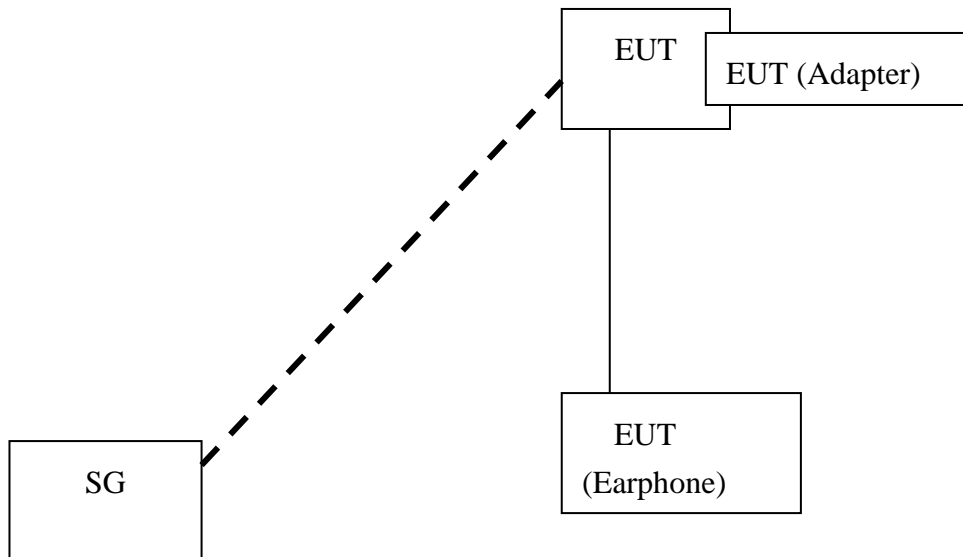
Config2



Config3



Config4



1.9 Measurement Procedure

Conducted Emission Testing was performed according ANSI C63.4:2003 in a shielded room with peripherals placed on a table, 0.8m high over a metal floor. It was located more than required distance away from the shielded room wall.

Radiated Emission Testing was performed according to ANSI C63.4:2003 at the 9*6*6 3m Semi-Anechoic chamber test site. The EUT was placed in a 0.8m high table along with the peripherals. The turn table was separated from the antenna distance 3meters. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for maximum. The frequencies and amplitudes of maximum emission were measured at varying azimuths, antenna heights and antenna polarities. Reported are maximized emission levels.

1.10 Standards Applicable for Testing

Table of tests to be carried out under FCC Part 15, Subpart B

Test Standards	Status
FCC Part 15, Subpart B	Applicable
Deviation from Standard	No Deviation

1.11 Summary of Results

Highest Emission					
Standard	Test Type	Result	Phase/Polar.	Frequency (MHz)	Margin(dB)
FCC Part 15 Subpart B Class B/CISPR 22	Conducted Emission	PASS	Line	1.7600	-5.90(AVG)
			Neutral	1.8370	-5.77(AVG)
	Radiated Emission	PASS	Hor.	344.0600	-4.85(QP)

2. Radio Disturbance

2.1 Test Results

	Results
Conducted Emission	Pass
Radiated Emission	Pass

2.2 Frequency Range

Conducted Emission : 150 kHz - 30 MHz

Radiated Emission : See below table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

2.3 Limits Of Conducted And Radiated Emission

2.3.1 Limit Of Conducted Emission Of FCC Part 15, Subpart B/CISPR 22

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi - peak	Average	Quasi - peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

- Note : (1) The lower limit shall apply at the transition frequencies.
 (2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
 (3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected there to, shall not exceed the level of field strengths specified above.

2.3.2 Limit Of Radiated Emissions Of FCC Part 15, Subpart B/CISPR 22

FCC Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 3m)
	dBuV/m	dBuV/m
30~88	39	40
88~216	43.5	43.5
216~960	46.44	46
Above 960	49.54	54

- Detector Function : Peak , Average

FREQUENCY (MHz)	Class A (dBuV) (at 3m)		Class B (dBuV) (at 3m)	
	Peak	Average	Peak	Average
Above 1000	79.3	59.3	73.9	53.9

CISPR Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 10m)
	dBuV/m	dBuV/m
30-230	40	30
230-1000	47	37

- Detector Function : Peak , Average – Class A

Frequency range GHz	Average Limit dB(μV/m)	Peak Limit dB(μV/m)
1 to 3	56	76
3 to 6	60	80

- Detector Function : Peak , Average – Class B

Frequency range GHz	Average Limit dB(μV/m)	Peak Limit dB(μV/m)
1 to 3	50	70
3 to 6	54	74

Note : The lower limit applies at the transition frequency.

2.4. Test of Conducted Emission

2.4.1 Test Equipments

Description	Manufacturer	Model No.	Serial No.	Last Calibration Date	Next Calibration Date
EMI Test Receiver	ROHDE&SCHWARZ	ESCS 30	828985/004	Sep. 23, 2011	Sep. 22, 2012
Coaxial Cables	N/A	WK CE Cable	N/A	Jan. 04, 2012	Jan. 03, 2013
L.I.S.N	Rolf-Heine	NNB-2/16Z	99012	Mar. 31, 2011	Mar. 30, 2012
L.I.S.N	FCC	FCC-LISN-50/250-25-2-01	04034	Mar. 31, 2011	Mar. 30, 2012
Software	Farad	EZ-EMC-VER2A1.1(USB)	N/A	N/A	N/A

2.4.2 Test Site

SGS Taiwan LTD. Electronics & Communication Laboratory
No.134, Wu Kung Road. Wuku Industrial Zone, Taipei County 248, Taiwan (R.O.C.)

2.4.3 Operating Environment

Temperature : 26 degree C Humidity : 59 %RH

Atmospheric Pressure : 996 mBar

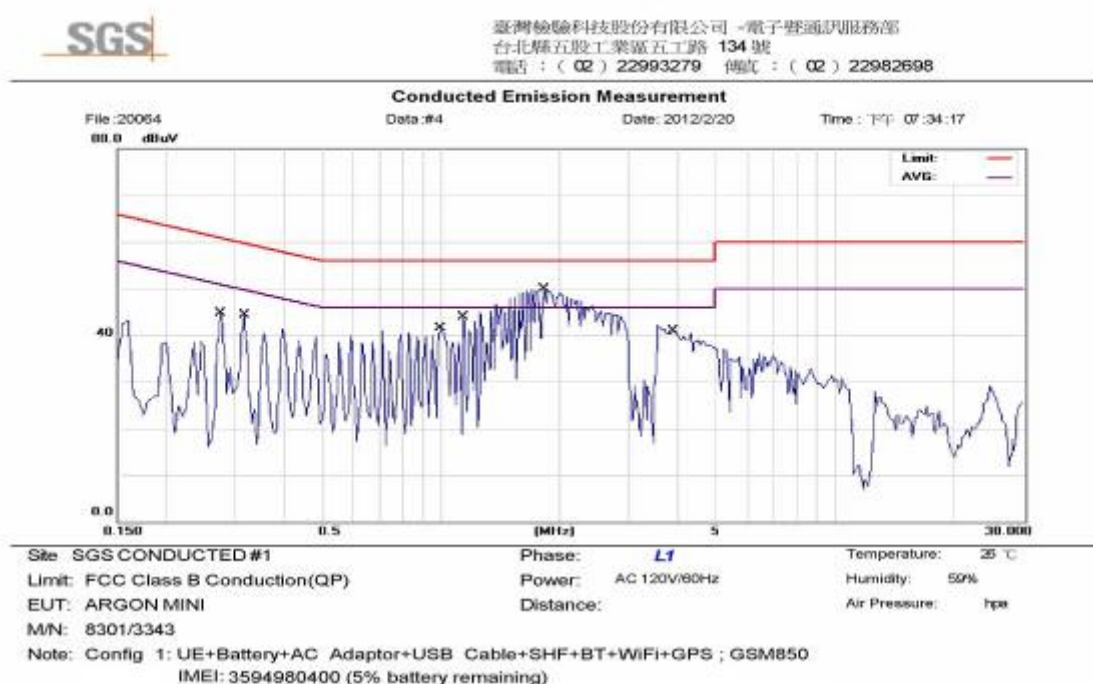
2.4.3.1 Uncertainty of Conducted Emission

Expanded uncertainty (k=2) of Conducted Emission measurement is 0.98dB.

2.4.4 Measurement Data

Config 1:GSM850

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No.	Mk.	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2750	44.57	0.09	44.66	60.97	-16.31	QP	
2		0.3150	44.13	0.08	44.21	59.84	-15.63	QP	
3		0.9900	41.39	0.08	41.47	56.00	-14.53	QP	
4		1.1400	43.79	0.08	43.87	56.00	-12.13	QP	
5	*	1.8200	47.00	0.10	47.10	56.00	-8.90	QP	
6		1.8200	36.00	0.10	36.10	46.00	-9.90	AVG	
7		3.9000	40.83	0.12	40.95	56.00	-15.05	QP	

*:Maximum data x:Over limit !:over margin

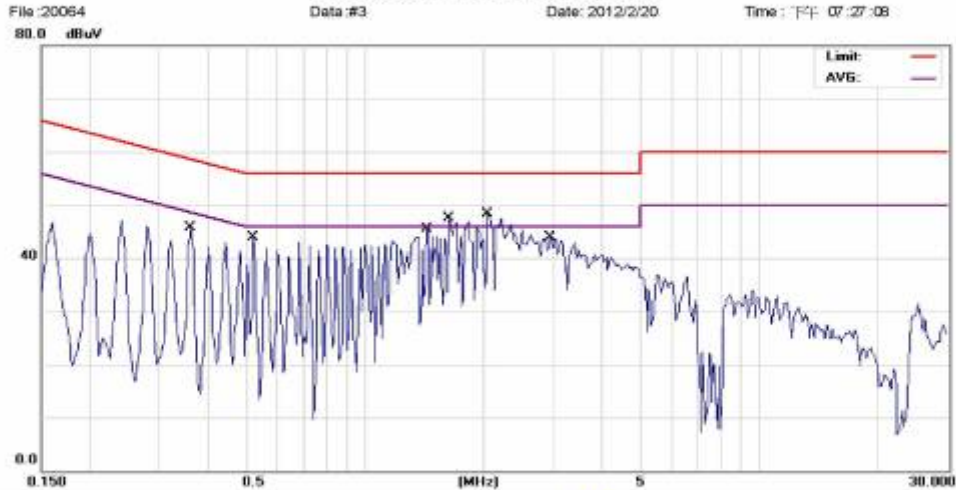
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 台北縣五股工業區五工路 134 號
 電話 : (02) 22993279 傳真 : (02) 22982698

Conducted Emission Measurement



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 28 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; GSM850
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading		Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
			Level dBuV	Factor dB					
1		0.3600	45.60	0.13	45.73	58.73	-13.00	QP	
2		0.5200	43.80	0.13	43.93	56.00	-12.07	QP	
3		1.4400	40.50	0.12	40.62	56.00	-15.38	QP	
4		1.4400	31.00	0.12	31.12	46.00	-14.88	AVG	
5		1.6300	45.00	0.13	45.13	56.00	-10.87	QP	
6	*	1.6300	37.00	0.13	37.13	46.00	-8.87	AVG	
7		2.0500	46.50	0.13	46.63	56.00	-9.37	QP	
8		2.0500	36.00	0.13	36.13	46.00	-9.87	AVG	
9		2.9500	43.72	0.14	43.86	56.00	-12.14	QP	

*:Maximum data x:Over limit !:over margin

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Config 1:GSM1900

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 台北縣五股工業區五工路 134 號
 電話 : (02) 22993279 傳真 : (02) 22982698

Conducted Emission Measurement



File :20064 Data:#5 Date: 2012/2/20 Time : 下午 07:43:23

Site SGS CONDUCTED #1 Phase: **L1** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 50%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; GSM1900
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.3200	43.39	0.08	43.47	59.71	-16.24	QP	
2		0.7400	39.04	0.08	39.12	56.00	-16.88	QP	
3		1.0200	41.52	0.08	41.60	56.00	-14.40	QP	
4	*	1.8400	47.60	0.10	47.70	56.00	-8.30	QP	
5		1.8400	37.00	0.10	37.10	46.00	-8.90	AVG	
6		2.6700	44.08	0.11	44.19	56.00	-11.81	QP	
7		3.4000	41.93	0.11	42.04	56.00	-13.96	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

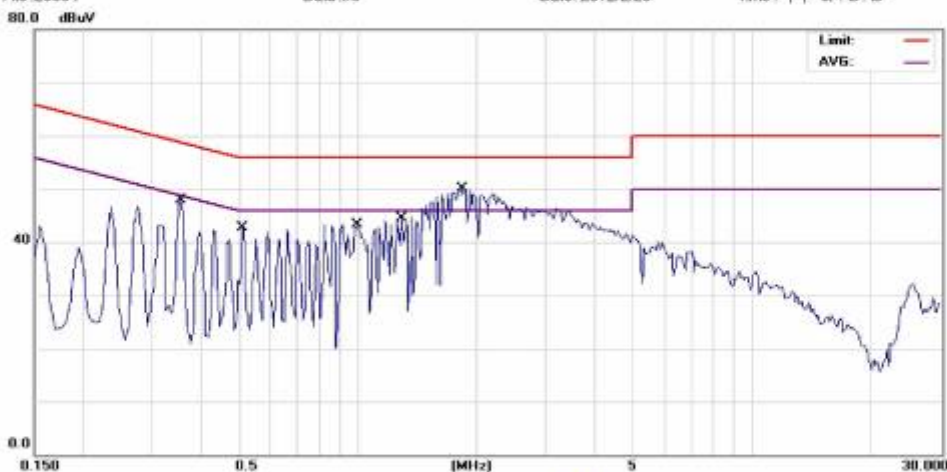
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 電話 : (02) 22993279 傳真 : (02) 22982698

Conducted Emission Measurement

File :20064 Data :#6 Date: 2012/2/20 Time : 下午 07:46:43



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; GSM1900
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.3550	47.75	0.13	47.88	58.84	-10.96	QP	
2		0.5100	42.59	0.13	42.72	56.00	-13.28	QP	
3		0.9900	43.15	0.12	43.27	56.00	-12.73	QP	
4		1.2900	44.30	0.12	44.42	56.00	-11.58	QP	
5		1.8370	47.80	0.13	47.93	56.00	-8.07	QP	
6	*	1.8370	40.10	0.13	40.23	46.00	-5.77	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 1:WCDMA B5

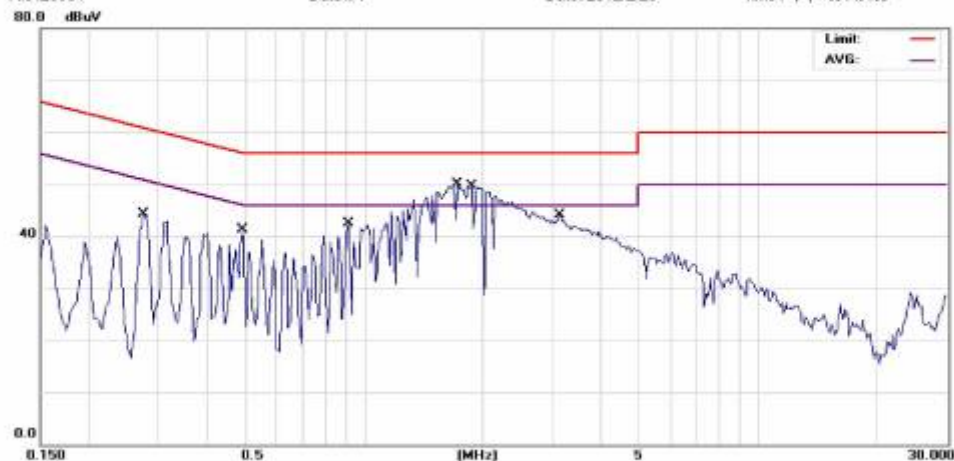
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 電話 : (02) 22993279 傳真 : (02) 22982698

Conducted Emission Measurement

File :20064 Data #1 Date: 2012/2/20 Time : 下午 08:46:50



Site: SGS CONDUCTED #1 Phase: **L1** Temperature: 25 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; WCDMA B5
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2750	44.31	0.09	44.40	60.97	-16.57	QP	
2		0.4900	41.30	0.09	41.39	56.17	-14.78	QP	
3		0.9100	42.43	0.08	42.51	56.00	-13.49	QP	
4		1.7200	47.50	0.10	47.60	56.00	-8.40	QP	
5		1.7200	36.10	0.10	36.20	46.00	-9.80	AVG	
6	*	1.8800	47.70	0.10	47.80	56.00	-8.20	QP	
7		1.8800	37.00	0.10	37.10	46.00	-8.90	AVG	
8		3.1400	43.97	0.11	44.08	56.00	-11.92	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

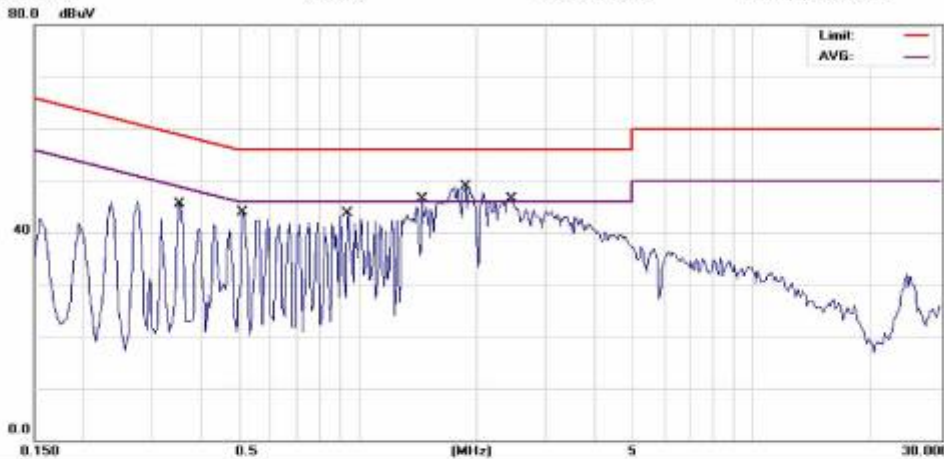
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 台北縣五股工業區五工路 134 號
 電話 : (02) 22993279 傳真 : (02) 22982698

Conducted Emission Measurement

File :20064 Data #2 Date: 2012/2/20 Time: 下午 05:54:18



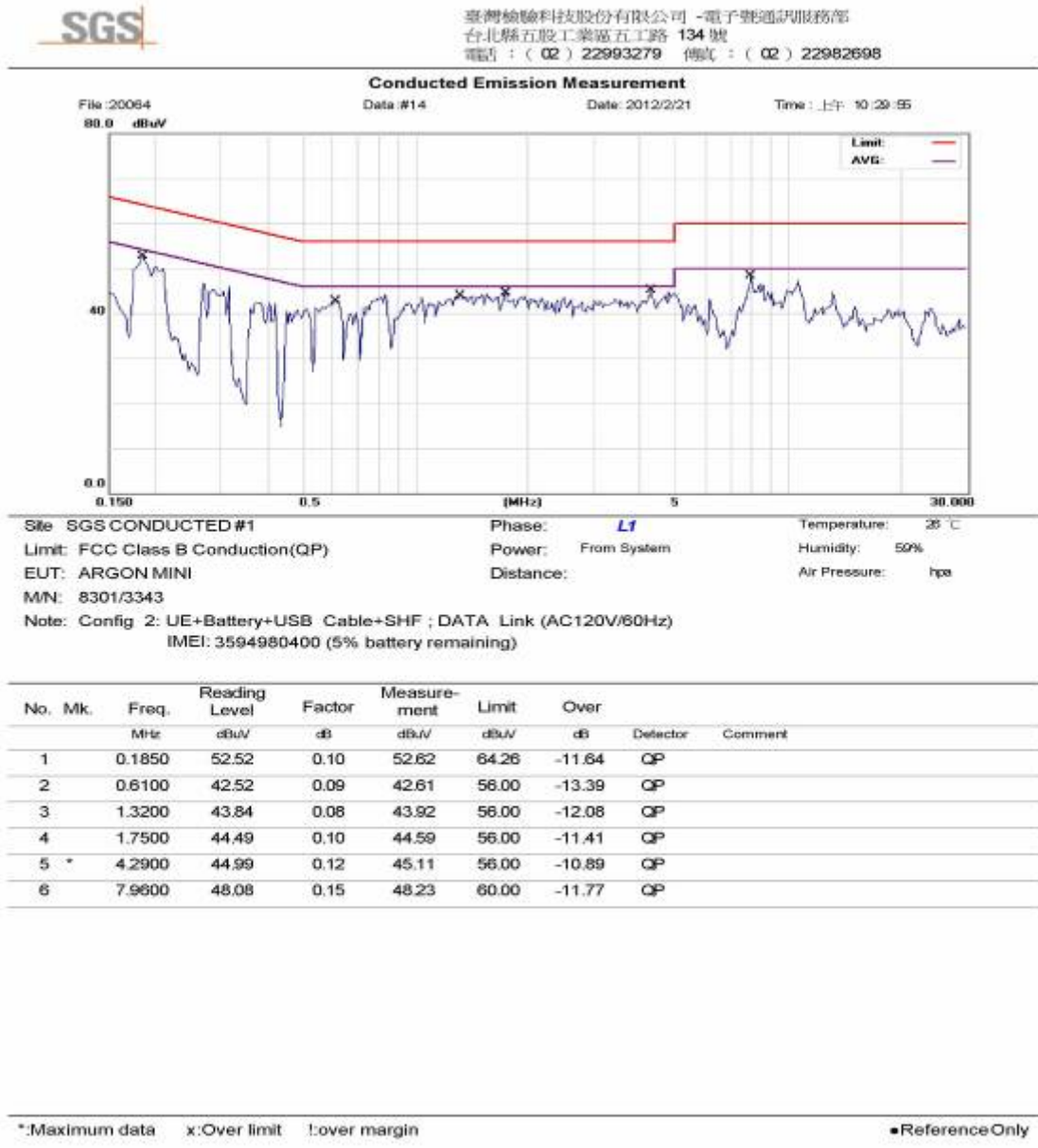
Site: SGS CONDUCTED#1 Phase: **N** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 50%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WIFI+GPS ; WCDMA B5
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.3502	45.32	0.13	45.45	58.96	-13.51	QP	
2		0.5100	43.82	0.13	43.95	56.00	-12.05	QP	
3		0.9400	43.62	0.12	43.74	56.00	-12.26	QP	
4		1.4500	45.20	0.12	45.32	56.00	-10.68	QP	
5	*	1.4500	36.20	0.12	36.32	46.00	-9.68	AVG	
6		1.8700	45.80	0.13	45.93	56.00	-10.07	QP	
7		1.8700	33.00	0.13	33.13	46.00	-12.87	AVG	
8		2.4600	42.60	0.13	42.73	56.00	-13.27	QP	
9		2.4600	31.00	0.13	31.13	46.00	-14.87	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

Config 2:Data link

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Conducted Emission Measurement



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 28 °C
 Limit: FCC Class B Conduction(QP) Power: From System Humidity: 56%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 2: UE+Battery+USB Cable+SHF ; DATA Link (AC120V/60Hz)
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading		Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
			Level dBuV	Factor dB					
1		0.1850	52.26	0.14	52.40	64.26	-11.86	QP	
2		0.2700	47.88	0.13	48.01	61.12	-13.11	QP	
3		0.3650	40.37	0.13	40.50	58.61	-18.11	QP	
4		1.3400	37.13	0.12	37.25	56.00	-18.75	QP	
5	*	4.8700	44.16	0.17	44.33	56.00	-11.67	QP	
6		7.8400	46.75	0.19	46.94	60.00	-13.06	QP	

*:Maximum data x:Over limit !:over margin ●ReferenceOnly

Config 3:Recording

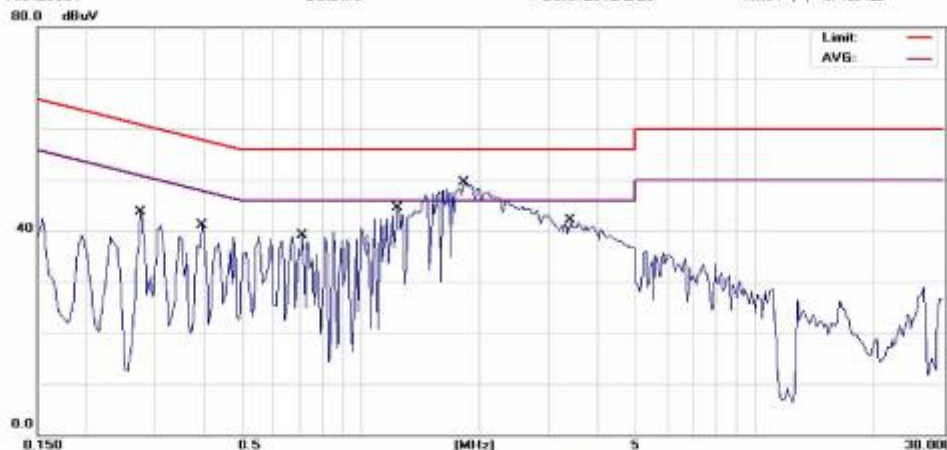
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Conducted Emission Measurement

File :20064 Data :#8 Date: 2012/2/20 Time : 11:07:59:35



Site: SGS CONDUCTED#1 Phase: L1 Temperature: 25 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 58%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Recording
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2750	43.71	0.09	43.80	60.97	-17.17	QP	
2		0.3950	41.11	0.09	41.20	57.96	-16.76	QP	
3		0.7100	38.94	0.08	39.02	56.00	-16.98	QP	
4		1.2400	44.41	0.08	44.49	56.00	-11.51	QP	
5	*	1.8200	46.50	0.10	46.60	56.00	-9.40	QP	
6		1.8200	33.30	0.10	33.40	46.00	-12.60	AVG	
7		3.4100	41.93	0.11	42.04	56.00	-13.96	QP	

*:Maximum data x:Over limit :over margin

●Reference Only

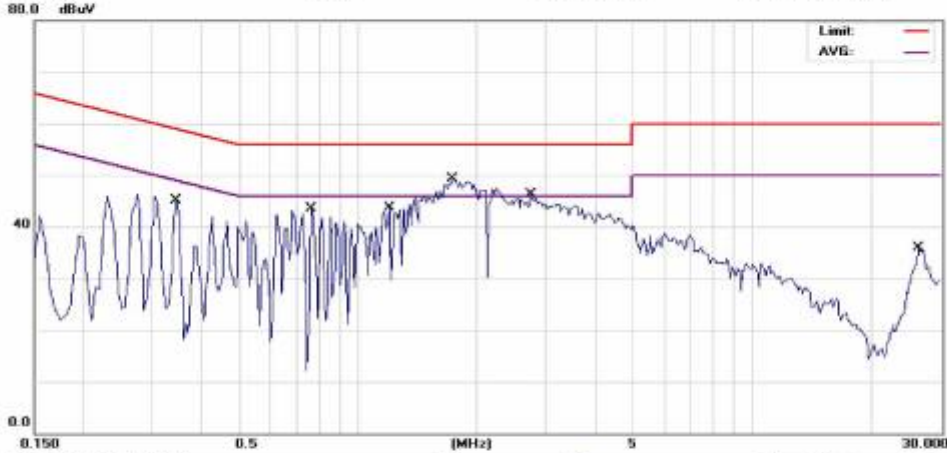
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Conducted Emission Measurement

File :20064 Data :#7 Date: 2012/2/20 Time : 11:07:54:48



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 25 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Recording
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.3450	45.08	0.12	45.20	59.08	-13.88	QP	
2		0.7600	43.29	0.12	43.41	56.00	-12.59	QP	
3		1.2000	43.58	0.12	43.70	56.00	-12.30	QP	
4	*	1.7400	46.30	0.13	46.43	56.00	-9.57	QP	
5		1.7400	34.90	0.13	35.03	46.00	-10.97	AVG	
6		2.7400	42.50	0.14	42.64	56.00	-13.36	QP	
7		2.7400	32.00	0.14	32.14	46.00	-13.86	AVG	
8		26.5000	35.59	0.34	35.93	60.00	-24.07	QP	

*:Maximum data x:Over limit :over margin

●Reference Only

Config 3:Play Recording

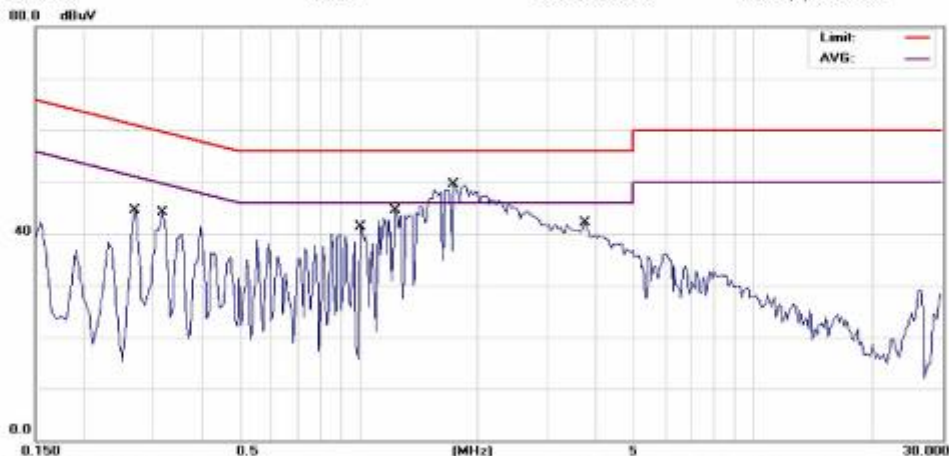
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Conducted Emission Measurement

File :20064 Data:#9 Date: 2012/2/20 Time : 下午 08:05:44



Site: SGS CONDUCTED #1 Phase: **L1** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 50%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Play Recording
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2700	44.33	0.09	44.42	61.12	-16.70	QP	
2		0.3150	44.01	0.08	44.09	59.84	-15.75	QP	
3		1.0100	41.13	0.08	41.21	56.00	-14.79	QP	
4		1.2400	44.37	0.08	44.45	56.00	-11.55	QP	
5	*	1.7400	48.20	0.10	48.30	56.00	-7.70	QP	
6		1.7400	34.00	0.10	34.10	46.00	-11.90	AVG	
7		3.7400	42.01	0.12	42.13	56.00	-13.87	QP	

*:Maximum data x:Over limit :over margin

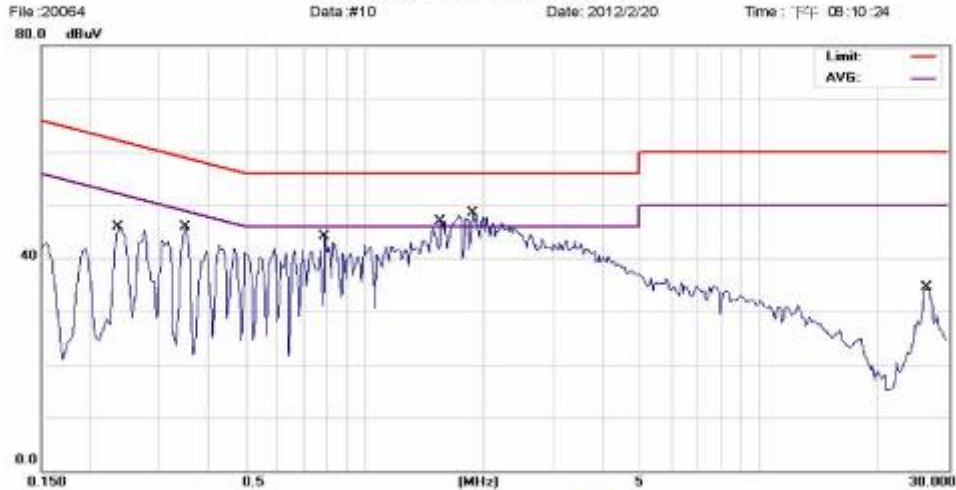
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Conducted Emission Measurement



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Play Recording
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2350	45.70	0.13	45.83	62.27	-16.44	QP	
2		0.3500	45.75	0.12	45.87	58.96	-13.09	QP	
3		0.7900	43.89	0.12	44.01	56.00	-11.99	QP	
4		1.5600	45.00	0.13	45.13	56.00	-10.87	QP	
5		1.5600	34.60	0.13	34.73	46.00	-11.27	AVG	
6	*	1.8700	47.00	0.13	47.13	56.00	-8.87	QP	
7		1.8700	35.00	0.13	35.13	46.00	-10.87	AVG	
8		26.7200	34.23	0.34	34.57	60.00	-25.43	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 3:MP3

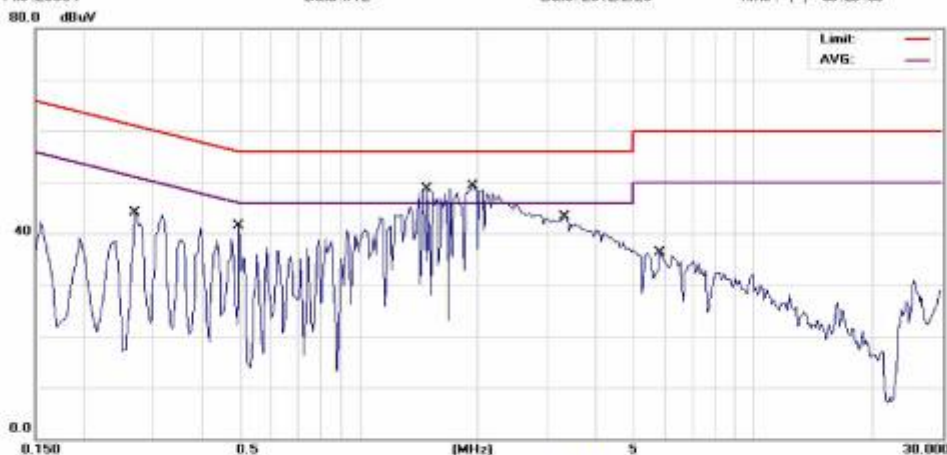
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Conducted Emission Measurement

File :20064 Data :#12 Date: 2012/2/20 Time : 下午 08:23:30



Site: SGS CONDUCTED #1 Phase: L1 Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; MP3
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2700	44.09	0.09	44.18	61.12	-16.94	QP	
2		0.4950	41.50	0.09	41.59	56.08	-14.49	QP	
3		1.4900	44.20	0.08	44.28	56.00	-11.72	QP	
4		1.4900	33.30	0.08	33.38	46.00	-12.62	AVG	
5	*	1.9400	47.50	0.10	47.60	56.00	-8.40	QP	
6		1.9400	36.80	0.10	36.90	46.00	-9.10	AVG	
7		3.3200	43.21	0.11	43.32	56.00	-12.68	QP	
8		5.8200	36.13	0.14	36.27	60.00	-23.73	QP	

*:Maximum data x:Over limit l:over margin

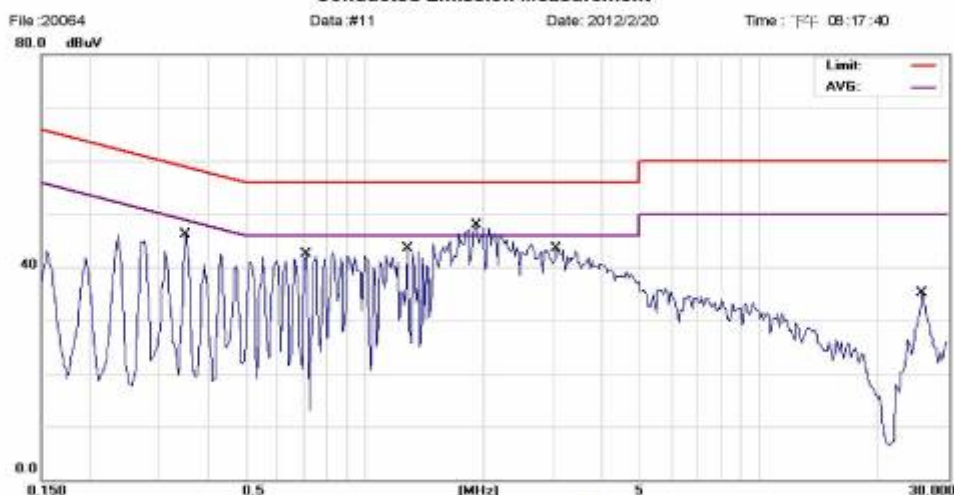
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Conducted Emission Measurement



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; MP3
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.3500	45.91	0.12	46.03	58.96	-12.93	QP	
2		0.7100	42.48	0.12	42.60	56.00	-13.40	QP	
3		1.2800	43.34	0.12	43.46	56.00	-12.54	QP	
4	*	1.9200	47.00	0.13	47.13	56.00	-8.87	QP	
5		1.9200	35.00	0.13	35.13	46.00	-10.87	AVG	
6		3.0700	43.34	0.15	43.49	56.00	-12.51	QP	
7		26.1200	34.77	0.34	35.11	60.00	-24.89	QP	

*:Maximum data x:Over limit !:over margin ●Reference Only

Config 4:FM87.6

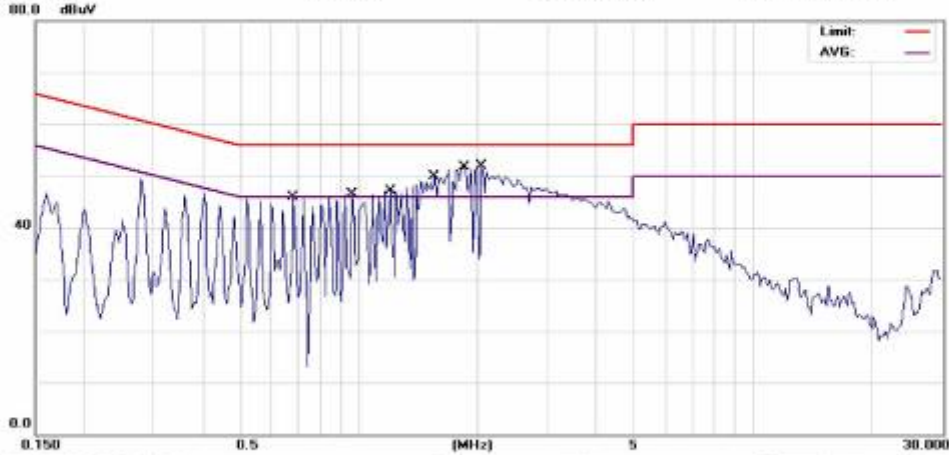
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Conducted Emission Measurement

File :20064 Data:#15 Date: 2012/2/21 Time: 上午 11:05:40



Site: SGS CONDUCTED #1 Phase: **L1** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM87.6
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.6800	43.80	0.09	43.89	56.00	-12.11	QP	
2		0.6800	32.50	0.09	32.59	46.00	-13.41	AVG	
3		0.9600	45.00	0.08	45.08	56.00	-10.92	QP	
4		0.9600	36.00	0.08	36.08	46.00	-9.92	AVG	
5		1.2000	44.80	0.08	44.88	56.00	-11.12	QP	
6		1.2000	34.30	0.08	34.38	46.00	-11.62	AVG	
7		1.5600	45.90	0.10	46.00	56.00	-10.00	QP	
8		1.5600	35.90	0.10	36.00	46.00	-10.00	AVG	
9		1.8500	46.90	0.10	47.00	56.00	-9.00	QP	
10	*	1.8500	37.70	0.10	37.80	46.00	-8.20	AVG	
11		2.0500	46.80	0.10	46.90	56.00	-9.10	QP	
12		2.0500	37.70	0.10	37.80	46.00	-8.20	AVG	

*:Maximum data x:Over limit !:over margin

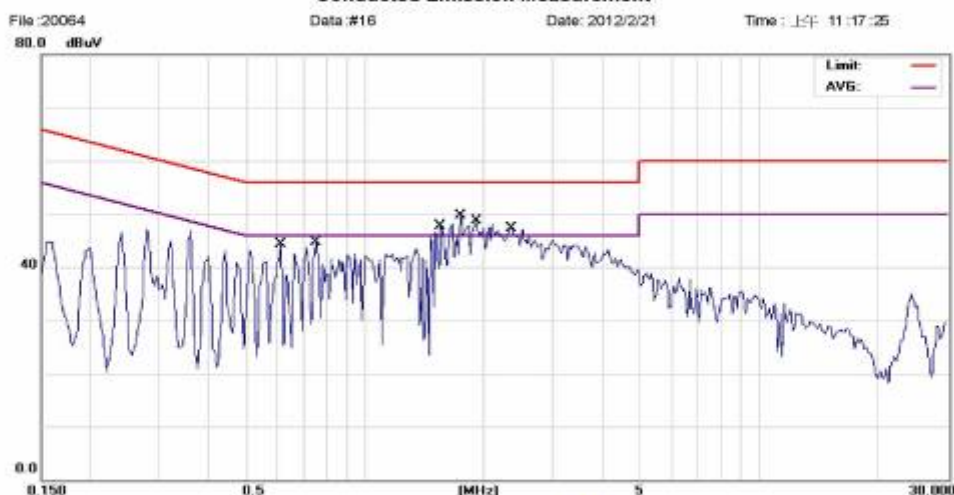
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Conducted Emission Measurement



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM87.6
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading		Factor	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
			Level dBuV							
1		0.6100	44.26		0.13	44.39	56.00	-11.61	QP	
2		0.7500	44.57		0.12	44.69	56.00	-11.31	QP	
3		1.5600	43.80		0.13	43.93	56.00	-12.07	QP	
4		1.5600	34.70		0.13	34.83	46.00	-11.17	AVG	
5		1.7500	48.20		0.13	48.33	56.00	-7.67	QP	
6	*	1.7500	39.20		0.13	39.33	46.00	-6.67	AVG	
7		1.9100	47.80		0.13	47.93	56.00	-8.07	QP	
8		1.9100	38.30		0.13	38.43	46.00	-7.57	AVG	
9		2.3500	44.90		0.13	45.03	56.00	-10.97	QP	
10		2.3500	35.90		0.13	36.03	46.00	-9.97	AVG	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 4:FM98

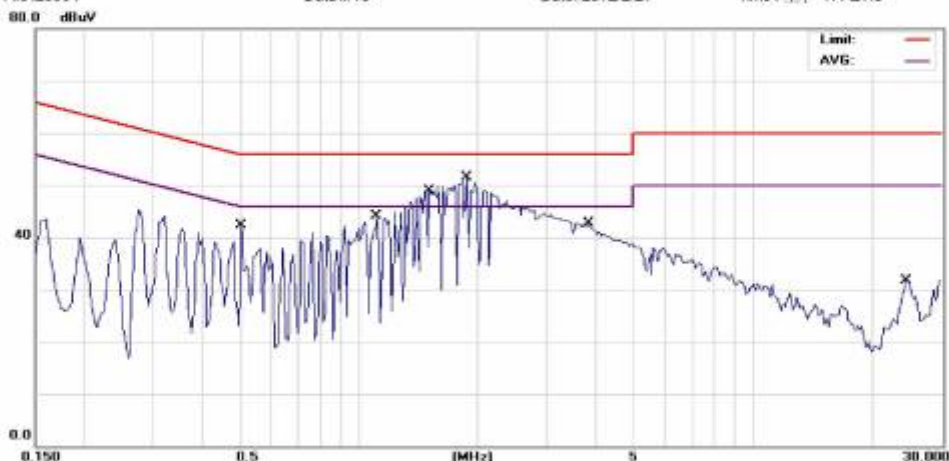
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Conducted Emission Measurement

File :20064 Data :#18 Date: 2012/2/21 Time : 上午 11:42:19



Site: SGS CONDUCTED #1 Phase: **L1** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM98.0
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.5000	42.24	0.09	42.33	56.00	-13.67	QP	
2		1.1100	44.03	0.08	44.11	56.00	-11.89	QP	
3		1.5100	47.30	0.10	47.40	56.00	-8.60	QP	
4		1.5100	38.60	0.10	38.70	46.00	-7.30	AVG	
5		1.8700	48.90	0.10	49.00	56.00	-7.00	QP	
6	*	1.8700	39.40	0.10	39.50	46.00	-6.50	AVG	
7		3.8300	42.50	0.12	42.62	56.00	-13.38	QP	
8		24.6000	31.53	0.27	31.80	60.00	-28.20	QP	

*:Maximum data x:Over limit !:over margin ●Reference Only

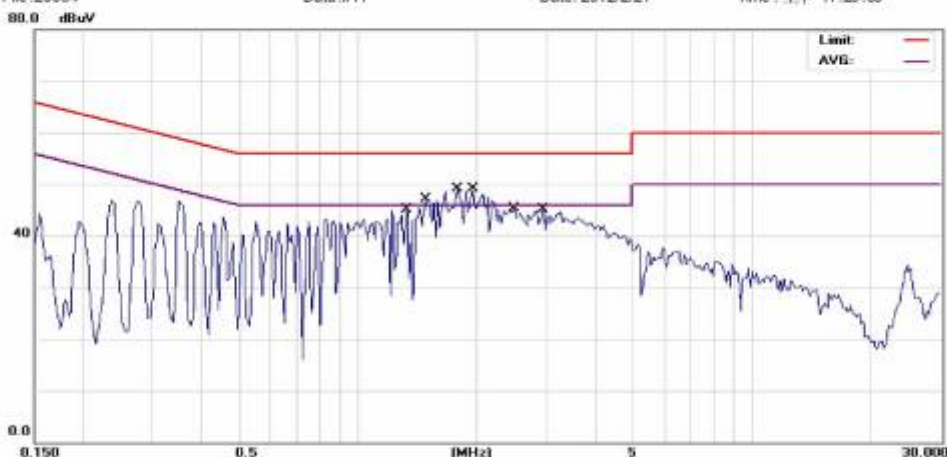
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Conducted Emission Measurement

File :20064 Data :#17 Date: 2012/2/21 Time : 上午 11:25:53



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 25 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM98.0
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		1.3300	45.00	0.12	45.12	56.00	-10.88	QP	
2		1.4800	44.40	0.12	44.52	56.00	-11.48	QP	
3		1.4800	35.30	0.12	35.42	46.00	-10.58	AVG	
4		1.7900	47.90	0.13	48.03	56.00	-7.97	QP	
5	*	1.7900	39.70	0.13	39.83	46.00	-6.17	AVG	
6		1.9500	47.10	0.13	47.23	56.00	-8.77	QP	
7		1.9500	39.00	0.13	39.13	46.00	-6.87	AVG	
8		2.4900	45.20	0.13	45.33	56.00	-10.67	QP	
9		2.9500	44.98	0.14	45.12	56.00	-10.88	QP	

*:Maximum data x:Over limit :over margin ●Reference Only

Config 4:FM107.9

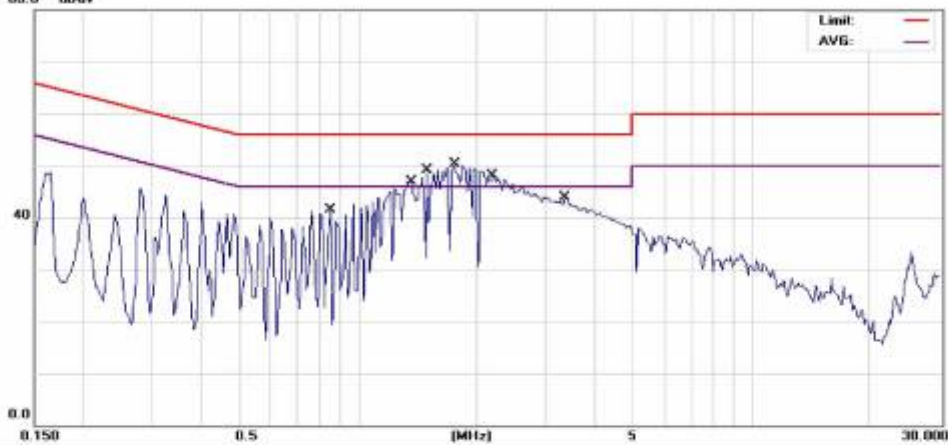
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Conducted Emission Measurement

File :20064 Data :#19 Date: 2012/2/21 Time: 下午 01:23:55



Site: SGS CONDUCTED#1 Phase: **L1** Temperature: 28 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 50%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM107.9
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.8500	41.34	0.08	41.42	56.00	-14.58	QP	
2		1.3700	43.80	0.08	43.88	56.00	-12.12	QP	
3		1.3700	34.70	0.08	34.78	46.00	-11.22	AVG	
4		1.5000	45.70	0.10	45.80	56.00	-10.20	QP	
5		1.5000	36.50	0.10	36.60	46.00	-9.40	AVG	
6		1.7600	48.10	0.10	48.20	56.00	-7.80	QP	
7	*	1.7600	40.00	0.10	40.10	46.00	-5.90	AVG	
8		2.2000	48.10	0.10	48.20	56.00	-7.80	QP	
9		2.2000	37.30	0.10	37.40	46.00	-8.60	AVG	
10		3.3500	43.75	0.11	43.86	56.00	-12.14	QP	

*:Maximum data x:Over limit :over margin ●Reference Only

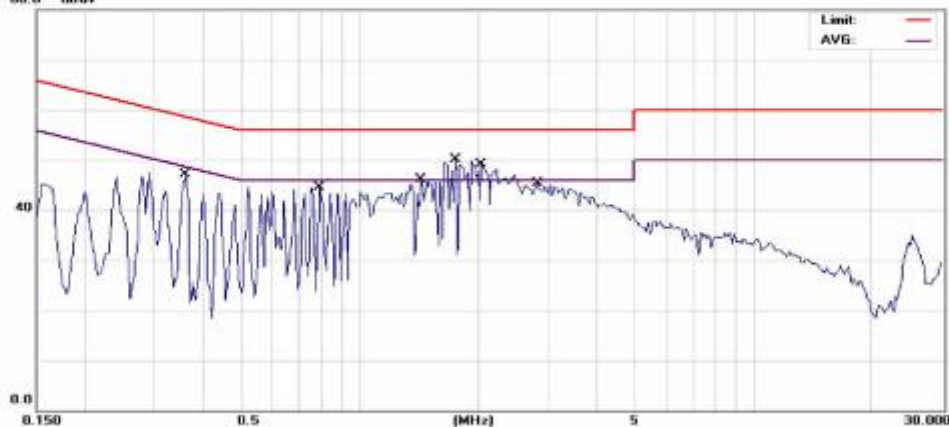
N



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 電話 : (02) 22993279 傳真 : (02) 22982698

Conducted Emission Measurement

File :20064 Data :#20 Date: 2012/2/21 Time : 下午 01:34:32



Site: SGS CONDUCTED #1 Phase: **N** Temperature: 26 °C
 Limit: FCC Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 59%
 EUT: ARGON MINI Distance: Air Pressure: hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM107.9
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measurement dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.3600	46.94	0.13	47.07	58.73	-11.66	QP	
2		0.7900	44.37	0.12	44.49	56.00	-11.51	QP	
3		1.4300	42.60	0.12	42.72	56.00	-13.28	QP	
4		1.4300	35.50	0.12	35.62	46.00	-10.38	AVG	
5		1.7500	47.50	0.13	47.63	56.00	-8.37	QP	
6	*	1.7500	38.40	0.13	38.53	46.00	-7.47	AVG	
7		2.0300	45.70	0.13	45.83	56.00	-10.17	QP	
8		2.0300	36.40	0.13	36.53	46.00	-9.47	AVG	
9		2.8300	45.18	0.14	45.32	56.00	-10.68	QP	

*:Maximum data x:Over limit !:over margin ●Reference Only

2.5 Test of Radiated Emission

2.5.1 Test Instruments

Below 1G & Above 1G

Description	Manufacturer	Model No.	Serial No.	Last Calibration Date	Next Calibration Date
Site NSA	Chamost	966II Chamber	N/A	Dec. 30, 2011	Dec. 29, 2012
Site VSWR	Chamost	966II Chamber	N/A	Dec. 30, 2011	Dec. 29, 2012
EMI Test Receiver	ROHDE&SCHWARZ	ESCI 7	1166.5950K07 -10760-GK	May 20, 2011	May 19, 2012
Spectrum Analyzer	R & S	FSP 40	1093.4495.40	May 04, 2011	May 03, 2012
RF-Amplifier (0.1-1300MHz)	HP	8447D	1937A02774	Nov. 26, 2011	Nov. 25, 2012
RF-Amplifier (1-26.5GHz)	HP	8449B	3008A00578	Dec. 27, 2011	Dec. 26, 2012
RF-Amplifier (26-40GHz)	EM Electronics Corp.	EM26400	N/A	Dec. 28, 2011	Dec. 27, 2012
Coaxial Cables (For 9kHz~26.5GHz)	SUCOFLEX	104PEA	N/A	Dec. 28, 2011	Dec. 27, 2012
Re Cables (966II) (For 1~40GHz)	HUBER SUHNER	SUCCOFLEX 102	22962/2	Dec. 28, 2011	Dec. 27, 2012
Re Cables (966II) (For 1~40GHz)	HUBER SUHNER	SUCCOFLEX 102	23051/2	Dec. 28, 2011	Dec. 27, 2012
Antenna Master	MF.	N/A	N/A	N/A	N/A
Turn Table	MF.	N/A	N/A	N/A	N/A
Controller	MF.	3000	MF780208153	N/A	N/A
Antenna	SCHWAZBECK	VULB9160	3068	Nov. 01, 2011	Oct. 31, 2012
Horn Antenna (For 1~18G)	ETS-Lindgren	3117	00135200	Oct. 06, 2011	Oct. 05, 2012
Horn Antenna (For 18~40G)	SCHWAZBECK	BBHA 9170	BBHA9170185	Jul. 11, 2011	Jul. 10, 2013
Software	Farad	EZ-EMC- VER2A1.1(USB)	N/A	N/A	N/A

2.5.2 Test Site

SGS Taiwan LTD. Electronics & Communication Laboratory
No.134, Wu Kung Road. Wuku Industrial Zone, Taipei County 248, Taiwan (R.O.C.)

2.5.3 Operating Environment

Temperature : 25 degree C Humidity : 60 %RH
Atmospheric Pressure : 996 mBar

2.5.3.1 Uncertainty of Radiated Emission

Expanded uncertainty (k=2) of radiated emission measurement is 3.70dB.(30-1000MHz)

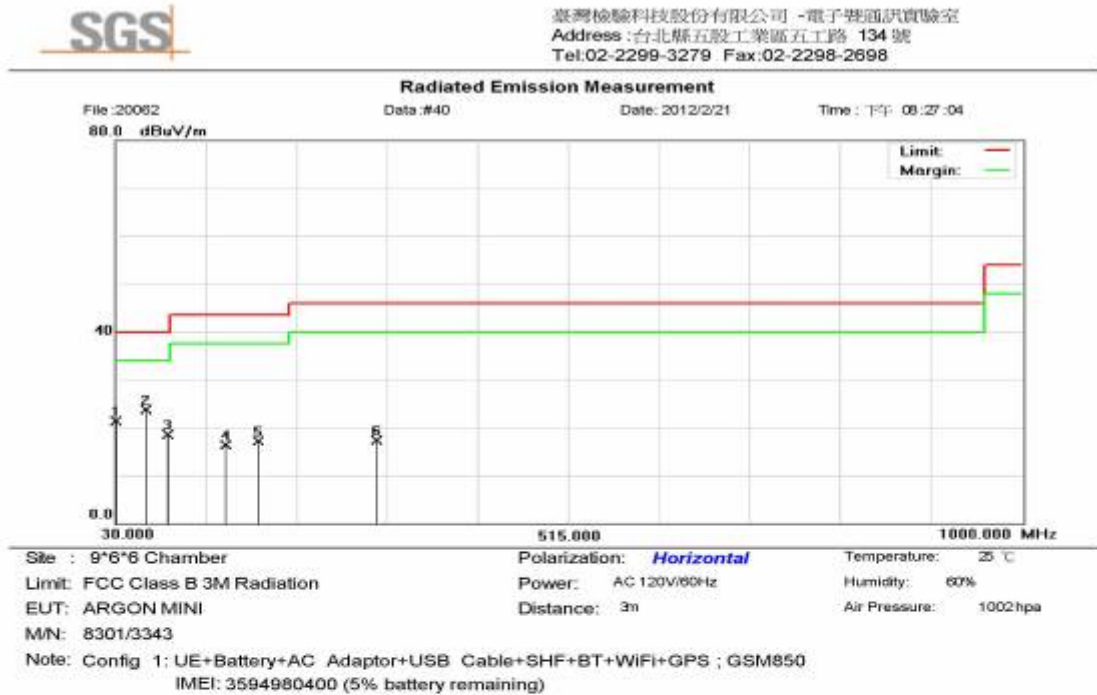
Expanded uncertainty (k=2) of radiated emission measurement is 5.63dB.(1-40GHz)

2.5.4 Measurement Data

Below 1G

Config 1:GSM850

H



No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		31.2300	38.46	-17.19	21.27	40.00	-18.73	OP	
2	*	61.3000	40.21	-16.58	23.63	40.00	-16.37	OP	
3		84.6800	38.94	-20.41	18.53	40.00	-21.47	OP	
4		147.1500	30.64	-14.38	16.26	43.50	-27.24	OP	
5		182.4300	32.40	-15.20	17.20	43.50	-26.30	OP	
6		307.8900	29.31	-11.91	17.40	46.00	-28.60	OP	

*:Maximum data x:Over limit l:over margin

●Reference Only

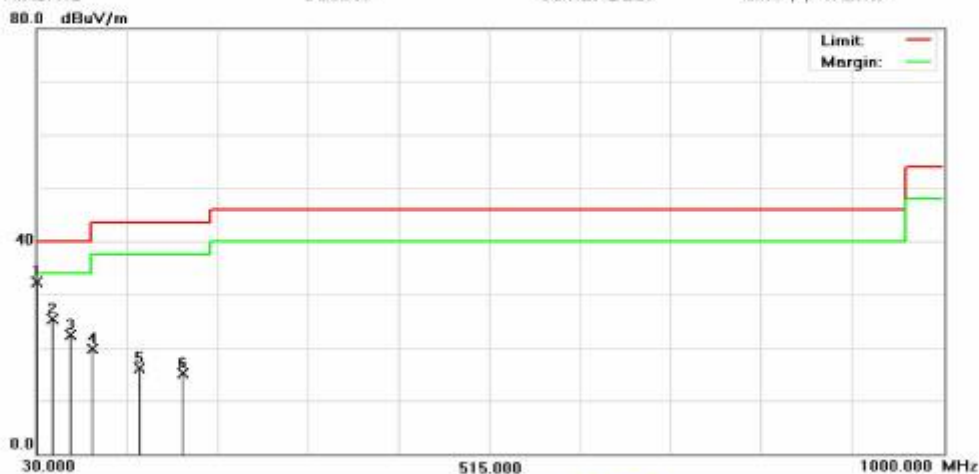
V



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Radiated Emission Measurement

File :20062 Data :#39 Date: 2012/2/21 Time : 下午 09:24:33



Site : 9'6"6 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WIFI+GPS ; GSM850
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	30.5800	49.55	-17.22	32.33	40.00	-7.67	QP	
2		47.2000	41.01	-15.79	25.22	40.00	-14.78	QP	
3		65.9300	39.79	-17.40	22.39	40.00	-17.61	QP	
4		89.1000	40.37	-20.86	19.71	43.50	-23.79	QP	
5		139.3700	30.89	-14.83	16.06	43.50	-27.44	QP	
6		185.6700	30.51	-15.50	15.01	43.50	-28.49	QP	

*:Maximum data x:Over limit !:over margin

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Config 1:GSM1900

H



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Radiated Emission Measurement

File :20062 Data :#38 Date :2012/2/21 Time : 下午 07:33:40



Site : 9'6"6 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WIFI+GPS ; GSM1900
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.5400	33.27	-17.22	16.05	40.00	-23.95	QP	
2		51.4900	31.93	-15.74	16.19	40.00	-23.81	QP	
3	*	64.6700	35.18	-17.17	18.01	40.00	-21.99	QP	
4		87.5500	36.72	-20.58	16.14	40.00	-23.86	QP	
5		152.2200	27.36	-14.22	13.14	43.50	-30.36	QP	
6		190.8200	27.59	-15.95	11.64	43.50	-31.86	QP	

*:Maximum data x:Over limit !:over margin

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Radiated Emission Measurement

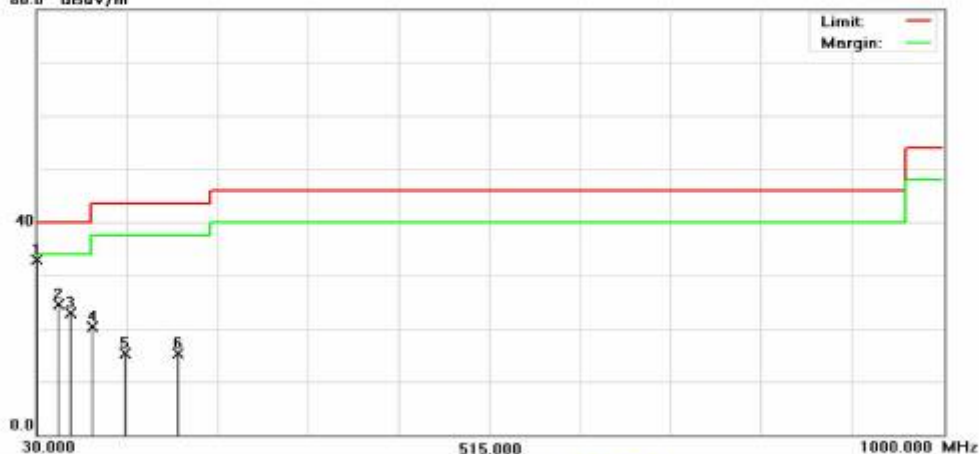
File :20062

Data :#37

Date: 2012/2/21

Time : 下午 07:31:10

80.0 dBuV/m



Site : 9'6" Chamber

Polarization: **Vertical**

Temperature: 25 °C

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60%

EUT: ARGON MINI

Distance: 3m

Air Pressure: 1002 hpa

MN: 8301/3343

Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WIFI+GPS ; GSM1900

IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	30.4900	50.15	-17.23	32.92	40.00	-7.08	QP	
2		51.4600	40.28	-15.74	24.54	40.00	-15.46	QP	
3		65.5300	40.16	-17.33	22.83	40.00	-17.17	QP	
4		88.4100	41.01	-20.63	20.38	43.50	-23.12	QP	
5		123.2800	31.35	-16.12	15.23	43.50	-28.27	QP	
6		180.3700	30.30	-15.01	15.29	43.50	-28.21	QP	

*:Maximum data x:Over limit !:over margin

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Config 1:WCDMA B5

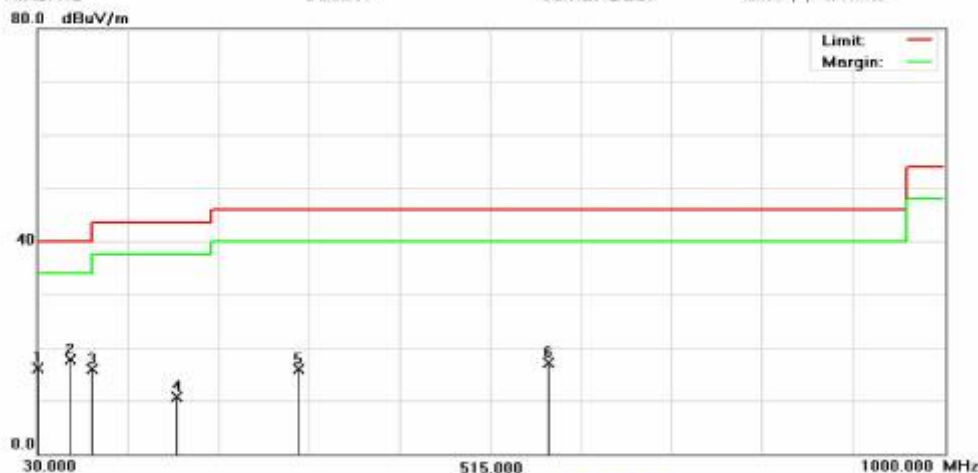
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Radiated Emission Measurement

File :20062 Data #36 Date: 2012/2/21 Time : 下午 07:11:50



Site : 9'6"6 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WIFI+GPS ; WCDMA B5
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.6200	33.23	-17.22	16.01	40.00	-23.99	QP	
2	*	63.5000	34.76	-16.96	17.80	40.00	-22.20	QP	
3		87.7900	36.60	-20.60	16.00	40.00	-24.00	QP	
4		178.8500	25.62	-14.87	10.75	43.50	-32.75	QP	
5		308.0200	27.78	-11.91	15.87	46.00	-30.13	QP	
6		576.5400	23.46	-6.32	17.14	46.00	-28.86	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

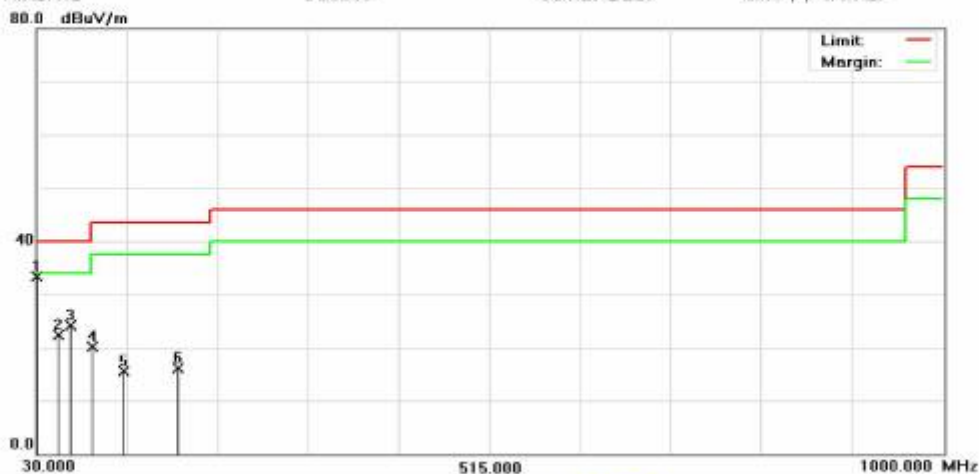
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Radiated Emission Measurement

File :20062 Data :#35 Date: 2012/2/21 Time : 下午 07:09:20



Site : 9'6"X6 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; WCDMA B5
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	30.4700	50.44	-17.23	33.21	40.00	-6.79	QP	
2		51.3900	38.00	-15.73	22.27	40.00	-17.73	QP	
3		65.4400	41.34	-17.31	24.03	40.00	-15.97	QP	
4		88.4000	40.71	-20.63	20.08	43.50	-23.42	QP	
5		121.7800	31.71	-16.24	15.47	43.50	-28.03	QP	
6		180.6500	31.04	-15.03	16.01	43.50	-27.49	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 2:Data link

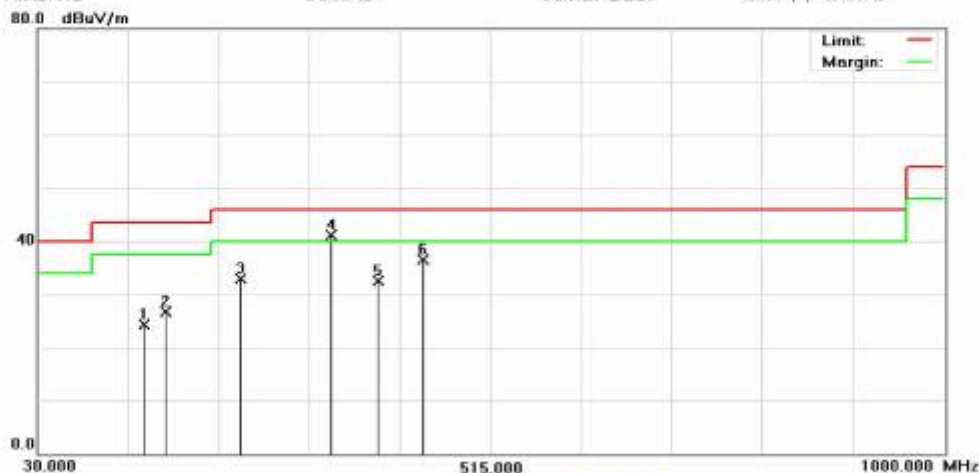
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Radiated Emission Measurement

File :20062 Data #42 Date: 2012/2/21 Time : 下午 03:04:40



Site : 9'6"6 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: FromSystem Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 2: UE+Battery+USB Cable+SHF ; DATA Link (AC120V/60Hz)
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		143.9800	38.86	-14.55	24.31	43.50	-19.19	QP	
2		166.0000	40.89	-14.17	26.72	43.50	-16.78	QP	
3		245.7600	47.05	-14.13	32.92	46.00	-13.08	QP	
4	*	344.0600	52.43	-11.28	41.15	46.00	-4.85	QP	
5		393.2200	42.57	-10.13	32.44	46.00	-13.56	QP	
6		442.3500	45.77	-9.35	36.42	46.00	-9.58	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

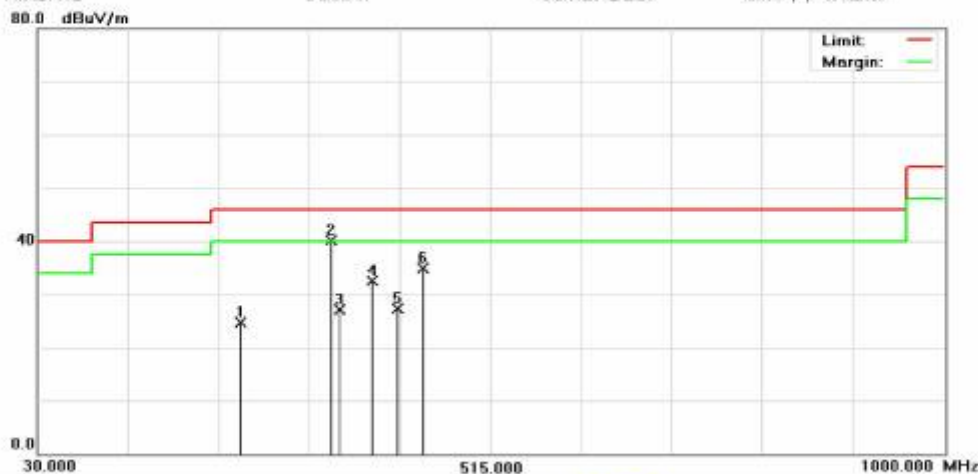
V



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Radiated Emission Measurement

File :20062 Data :#41 Date: 2012/2/21 Time : 下午 03:02:00



Site : 9'6"6 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 2: UE+Battery+USB Cable+SHF ; DATA Link (AC120V/60Hz)
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		245.7900	38.80	-14.13	24.67	46.00	-21.33	OP	
2	*	344.0700	51.44	-11.28	40.16	46.00	-5.84	OP	
3		353.8900	38.29	-11.13	27.16	46.00	-18.84	OP	
4		388.2900	42.61	-10.20	32.41	46.00	-13.59	OP	
5		414.2800	37.23	-9.99	27.24	46.00	-18.76	OP	
6		442.3800	44.24	-9.35	34.89	46.00	-11.11	OP	

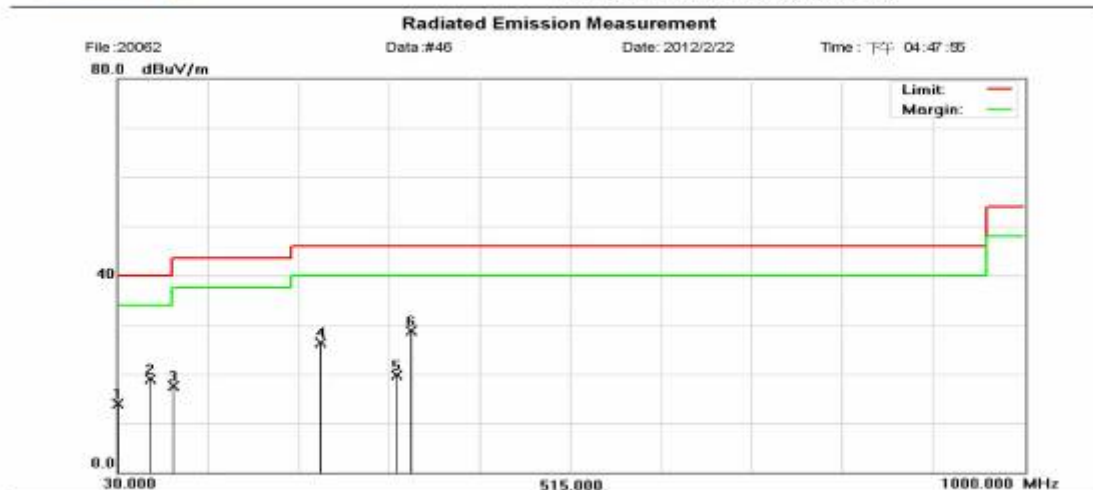
*:Maximum data x:Over limit !:over margin

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Config 3:Recording
H



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Site : 9*6*6 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Recording
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.6800	31.17	-17.22	13.95	40.00	-26.05	OP	
2		64.1800	35.93	-17.09	18.84	40.00	-21.16	OP	
3		88.3200	38.21	-20.63	17.58	43.50	-25.92	OP	
4		245.7680	40.43	-14.13	26.30	46.00	-19.70	OP	
5		328.4900	31.61	-11.82	19.79	46.00	-26.21	OP	
6	*	344.0600	39.94	-11.28	28.66	46.00	-17.34	OP	

*:Maximum data x:Over limit !:over margin

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V



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Radiated Emission Measurement

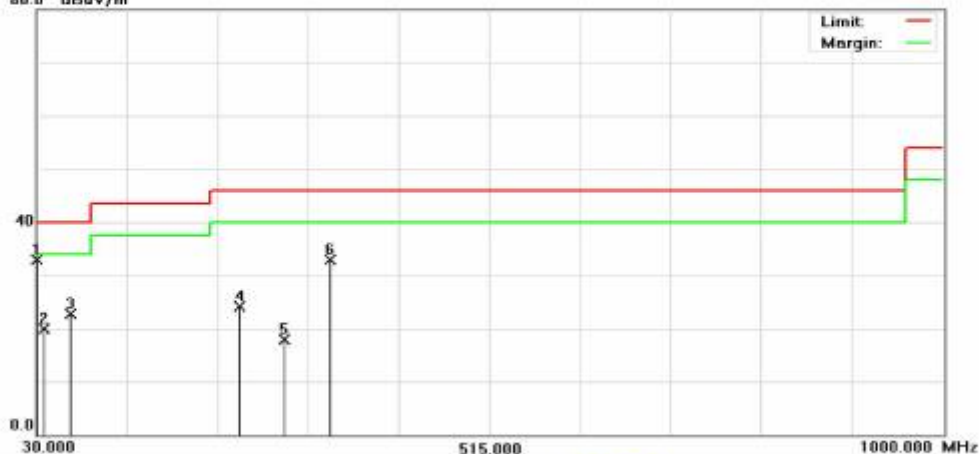
File :20062

Data :#45

Date: 2012/2/22

Time : 下午 04:46:28

80.0 dBuV/m



Site : 9'6"6 Chamber

Polarization: **Vertical**

Temperature: 25 °C

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60%

EUT: ARGON MINI

Distance: 3m

Air Pressure: 1002 hpa

MN: 8301/3343

Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Recording
 IMEI: 3594980400 (5% battery remaining)

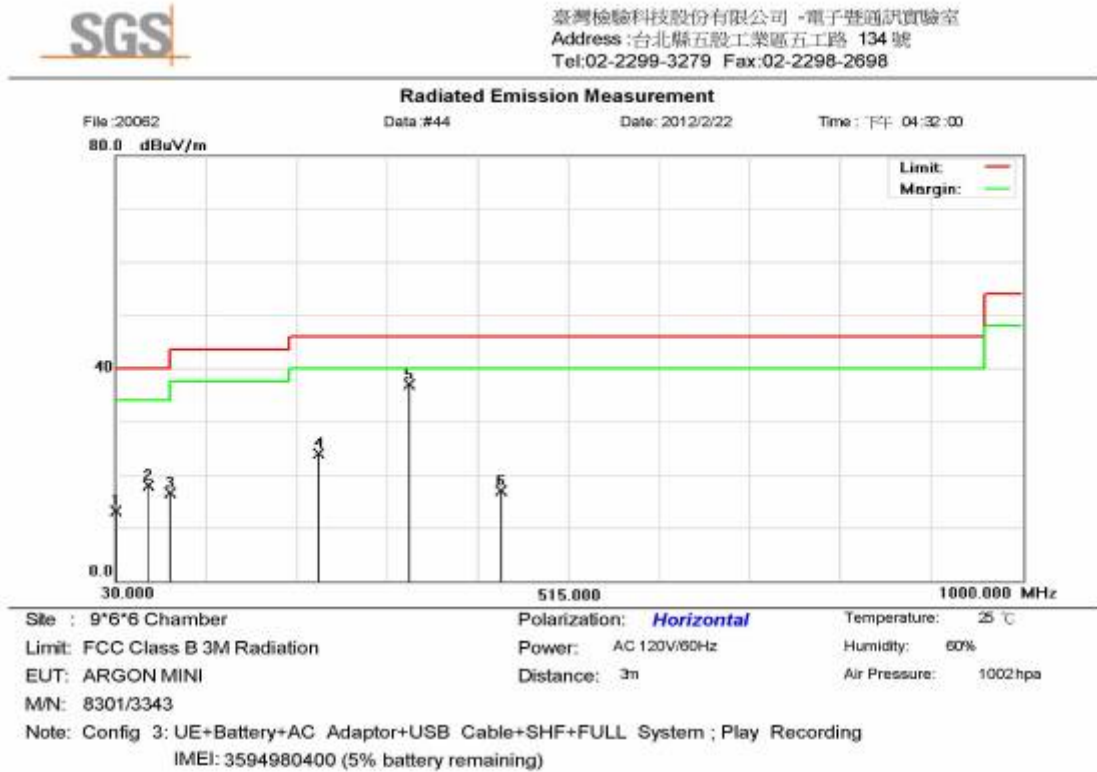
No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	30.2700	50.22	-17.24	32.98	40.00	-7.02	OP	
2		37.2200	36.59	-16.73	19.86	40.00	-20.14	OP	
3		65.4600	40.03	-17.32	22.71	40.00	-17.29	OP	
4		245.7500	38.32	-14.13	24.19	46.00	-21.81	OP	
5		294.9200	30.22	-12.37	17.85	46.00	-28.15	OP	
6		344.0300	44.16	-11.28	32.88	46.00	-13.12	OP	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 3:Play Recording

H



No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.7400	30.27	-17.22	13.05	40.00	-26.95	OP	
2		64.9100	35.06	-17.22	17.84	40.00	-22.16	OP	
3		87.7400	37.11	-20.59	16.52	40.00	-23.48	OP	
4		245.8100	38.00	-14.13	23.87	46.00	-22.13	OP	
5	*	344.0800	48.10	-11.28	36.82	46.00	-9.18	OP	
6		442.3700	26.32	-9.35	16.97	46.00	-29.03	OP	

*:Maximum data x:Over limit !:over margin

●ReferenceOnly

V



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Radiated Emission Measurement

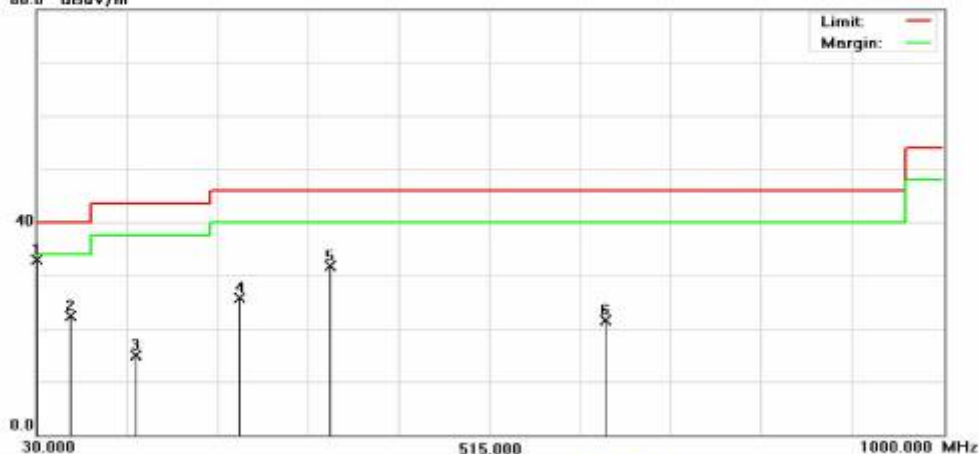
File :20062

Data :#43

Date: 2012/2/22

Time : 下午 04:29:28

80.0 dBuV/m



Site : 9'6" Chamber

Polarization: **Vertical**

Temperature: 25 °C

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60%

EUT: ARGON MINI

Distance: 3m

Air Pressure: 1002 hpa

MN: 8301/3343

Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Play Recording

IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading		Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
			Level dBuV	Factor dB					
1	*	30.6800	50.13	-17.22	32.91	40.00	-7.09	QP	
2		65.8100	39.64	-17.38	22.26	40.00	-17.74	QP	
3		136.6500	29.88	-15.04	14.84	43.50	-28.66	QP	
4		245.7800	39.90	-14.13	25.77	46.00	-20.23	QP	
5		344.0700	43.04	-11.28	31.76	46.00	-14.24	QP	
6		638.9600	26.89	-5.48	21.41	46.00	-24.59	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 3:MP3

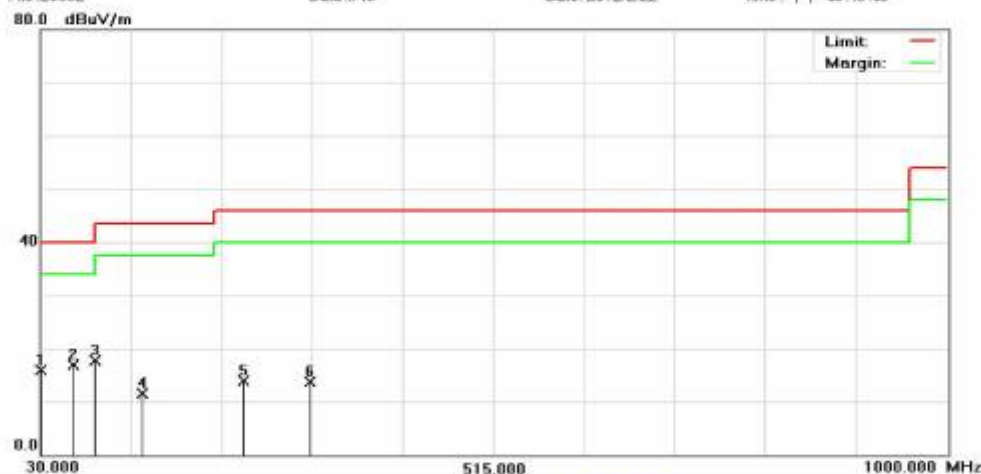
H



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Radiated Emission Measurement

File :20062 Data #48 Date: 2012/2/22 Time : 下午 05:13:00



Site : 9'6"6 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; MP3
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.7100	33.04	-17.22	15.82	40.00	-24.18	OP	
2		63.9800	34.05	-17.05	17.00	40.00	-23.00	OP	
3	*	87.5200	38.30	-20.58	17.72	40.00	-22.28	OP	
4		138.0100	26.35	-14.93	11.42	43.50	-32.08	OP	
5		245.7700	28.11	-14.13	13.98	46.00	-32.02	OP	
6		317.8100	25.74	-12.03	13.71	46.00	-32.29	OP	

*:Maximum data x:Over limit !:over margin

●Reference Only

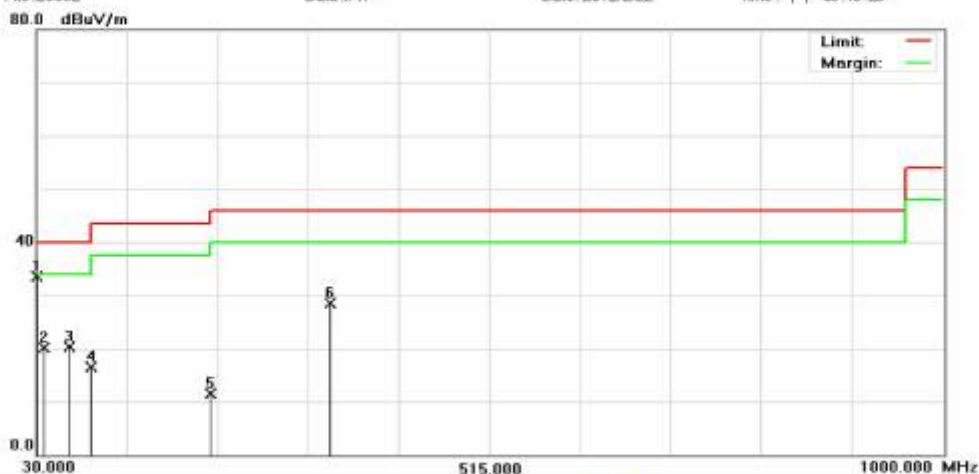
V



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Radiated Emission Measurement

File :20062 Data :#47 Date: 2012/2/22 Time : 下午 05:10:28



Site : 9'6" Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; MP3
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	30.2800	50.73	-17.24	33.49	40.00	-6.51	QP	
2		37.0300	36.88	-16.75	20.13	40.00	-19.87	QP	
3		64.1700	37.41	-17.08	20.33	40.00	-19.67	QP	
4		87.6800	37.06	-20.59	16.47	40.00	-23.53	QP	
5		215.7000	28.97	-15.49	11.48	43.50	-32.02	QP	
6		344.0600	39.79	-11.28	28.51	46.00	-17.49	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 4:FM87.6

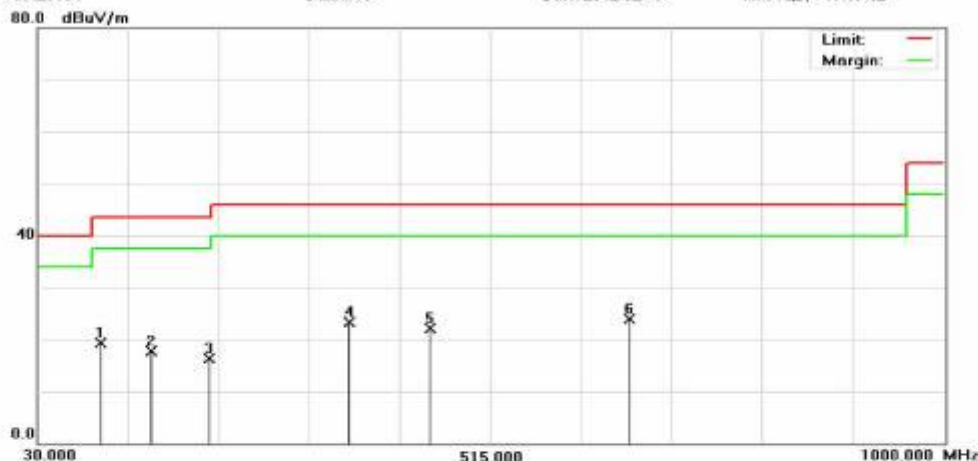
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Radiated Emission Measurement

File :20064 Data #18 Date: 2012/02/18 Time : 上午 11:39:52



Site : 9*6*6 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MIMI Distance: 3m Air Pressure: 1002hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM87.6
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		97.6900	38.67	-19.41	19.26	43.50	-24.24	QP	
2		152.1600	31.84	-14.22	17.62	43.50	-25.88	QP	
3		213.5200	31.99	-15.66	16.33	43.50	-27.17	QP	
4		362.8500	34.28	-10.88	23.40	46.00	-22.60	QP	
5		450.4300	31.03	-8.89	22.14	46.00	-23.86	QP	
6	*	662.8900	27.94	-4.13	23.81	46.00	-22.19	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

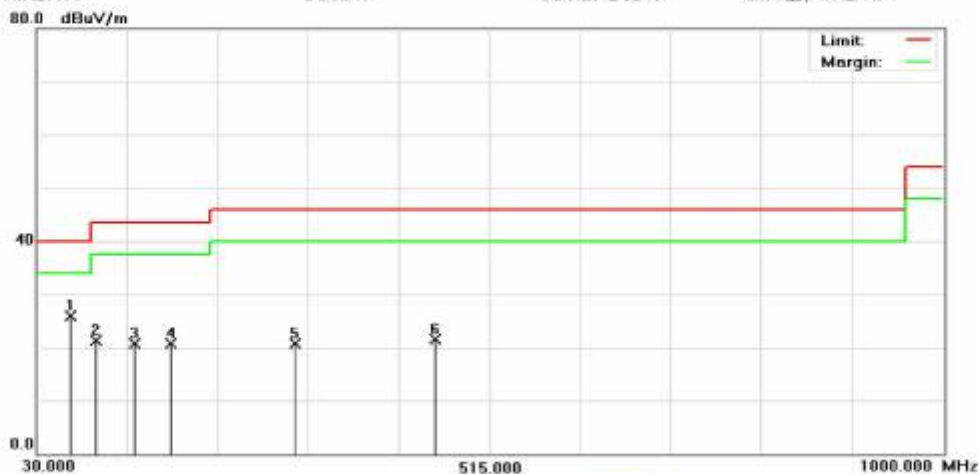
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Radiated Emission Measurement

File :20064 Data :#17 Date: 2012/02/18 Time : 上午 11:29:46



Site : 9'6"6 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MIMI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM87.6
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	65.3600	43.20	-17.30	25.90	40.00	-14.10	QP	
2		92.1400	41.65	-20.36	21.29	43.50	-22.21	QP	
3		134.1200	35.97	-15.25	20.72	43.50	-22.78	QP	
4		172.5400	35.04	-14.35	20.69	43.50	-22.81	QP	
5		306.4700	32.60	-11.97	20.63	46.00	-25.37	QP	
6		455.8700	30.12	-8.67	21.45	46.00	-24.55	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 4:FM98

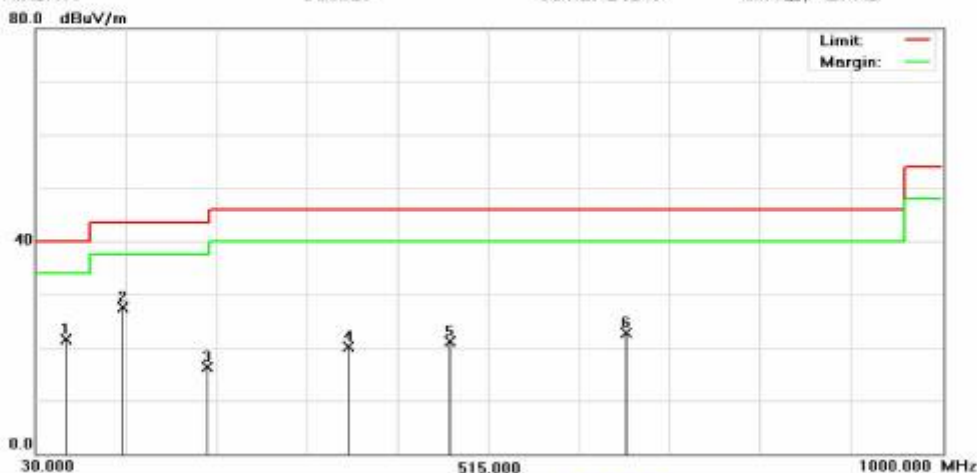
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Radiated Emission Measurement

File :20064 Data :#20 Date: 2012/02/18 Time : 上午 12:10:21



Site : 9'6"X6' Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MIMI Distance: 3m Air Pressure: 1002hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM98.0
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		61.5400	38.12	-16.62	21.50	40.00	-18.50	QP	
2	*	122.6400	43.61	-16.17	27.44	43.50	-16.06	QP	
3		212.6500	31.94	-15.73	16.21	43.50	-27.29	QP	
4		363.9600	30.97	-10.85	20.12	46.00	-25.88	QP	
5		472.4000	29.83	-8.80	21.03	46.00	-24.97	QP	
6		661.5300	26.88	-4.10	22.78	46.00	-23.22	QP	

*:Maximum data x:Over limit !:over margin ●Reference Only

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Radiated Emission Measurement

File :20064 Data :#19 Date: 2012/02/18 Time : 上午 11:52:27



Site : 9'6" Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MIMI Distance: 3m Air Pressure: 1002 hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM98.0
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	63.1600	43.58	-16.90	26.68	40.00	-13.32	QP	
2		131.4000	35.46	-15.48	19.98	43.50	-23.52	QP	
3		174.2900	33.61	-14.49	19.12	43.50	-24.38	QP	
4		221.3400	31.94	-15.13	16.81	46.00	-29.19	QP	
5		362.7400	28.78	-10.88	17.90	46.00	-28.10	QP	
6		453.5900	30.67	-8.76	21.91	46.00	-24.09	QP	

*:Maximum data x:Over limit !:over margin

●Reference Only

Config 4:FM107.9

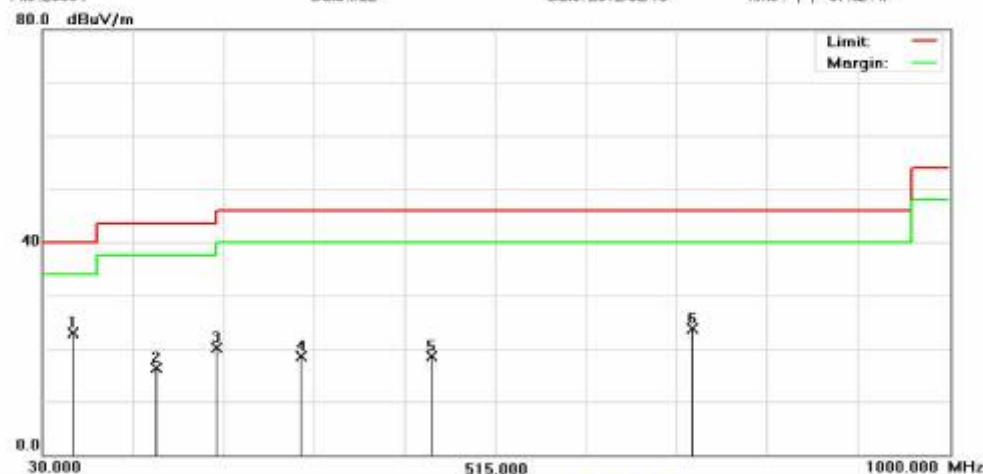
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Radiated Emission Measurement

File :20064 Data #22 Date: 2012/02/18 Time : 下午 01:32:47



Site : 9'6"6 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MIMI Distance: 3m Air Pressure: 1002hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM107.9
 IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading		Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
			Level dBuV	Factor dB					
1	*	62.1300	39.57	-16.72	22.85	40.00	-17.15	OP	
2		151.4800	30.45	-14.22	16.23	43.50	-27.27	OP	
3		214.3200	35.78	-15.60	20.18	43.50	-23.32	OP	
4		306.4100	30.42	-11.97	18.45	46.00	-27.55	OP	
5		446.1500	27.68	-9.13	18.55	46.00	-27.45	OP	
6		725.3900	27.15	-3.36	23.79	46.00	-22.21	OP	

*:Maximum data x:Over limit !:over margin

●ReferenceOnly

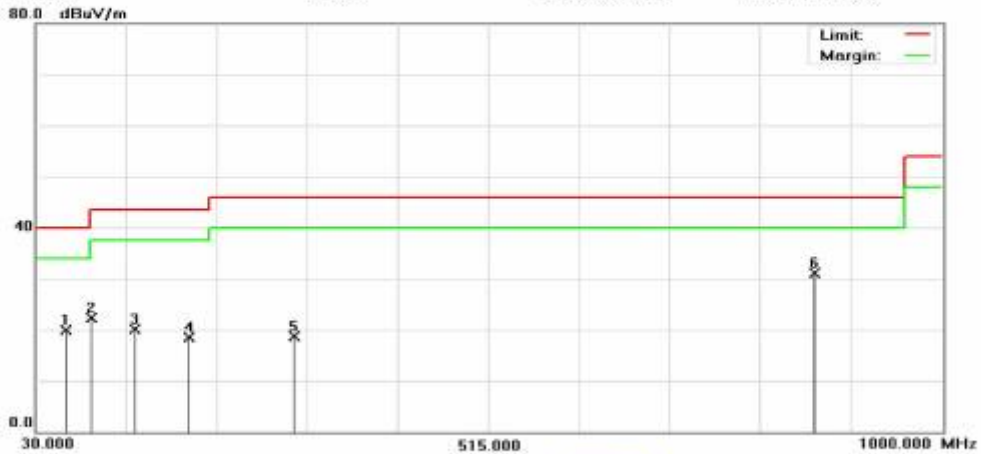
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Radiated Emission Measurement

File :20064 Data :#21 Date: 2012/02/18 Time : 11:01:30



Site : 9*6*6 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MIMI Distance: 3m Air Pressure: 1002hpa
 MN: 8301/3343
 Note: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM107.9
 IMEI: 3594980400 (5% battery remaining)

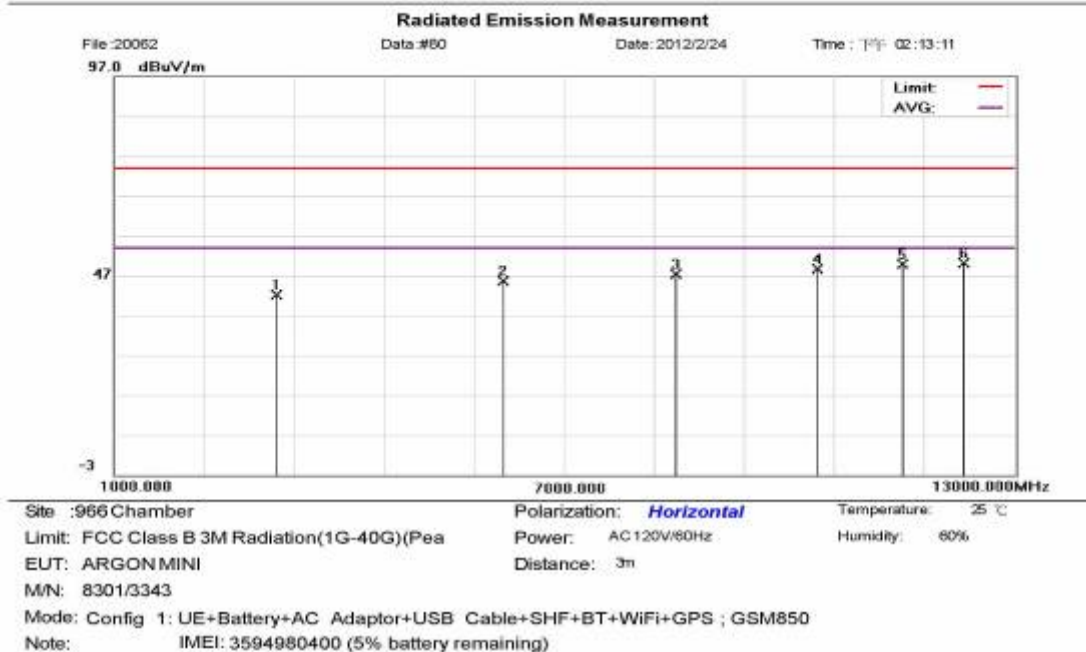
No.	Mk.	Freq. MHz	Reading Level dBuV	Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		61.6800	36.59	-16.64	19.95	40.00	-20.05	QP	
2		90.1300	43.10	-20.71	22.39	43.50	-21.11	QP	
3		135.6000	35.18	-15.13	20.05	43.50	-23.45	QP	
4		193.4100	34.61	-16.07	18.54	43.50	-24.96	QP	
5		306.8400	30.75	-11.95	18.80	46.00	-27.20	QP	
6	*	862.3400	32.45	-1.25	31.20	46.00	-14.80	QP	

*:Maximum data x:Over limit :over margin

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Above 1G
 Config 1:GSM850
 H

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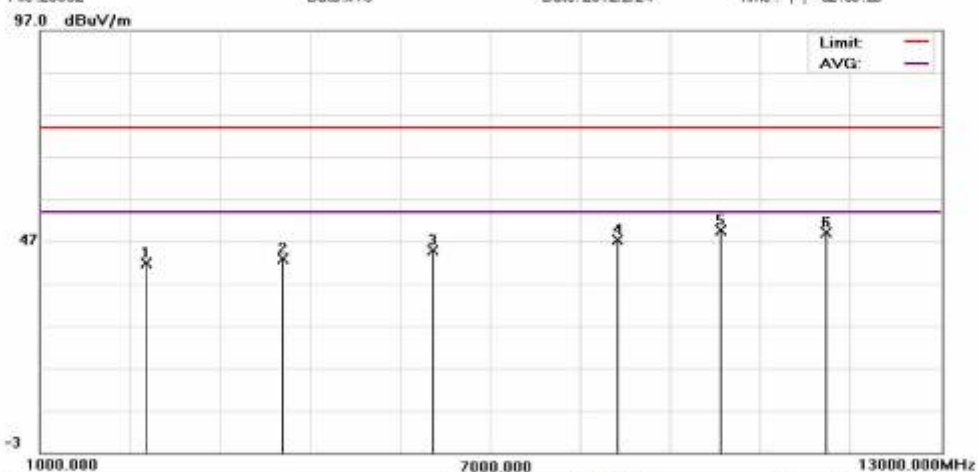
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3160.000	38.46	3.60	42.06	74.00	-31.94	peak	
2		6184.000	36.82	8.70	45.52	74.00	-28.48	peak	
3		8488.000	36.66	10.73	47.39	74.00	-26.61	peak	
4		10384.00	34.09	14.57	48.66	74.00	-25.34	peak	
5		11512.00	33.51	16.39	49.90	74.00	-24.10	peak	
6	*	12328.00	32.29	17.87	50.16	74.00	-23.84	peak	

V

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Radiated Emission Measurement

File :20062 Data :#78 Date :2012/2/24 Time : 下午 02:08:29



Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 80%
 EUT: ARGON MINI Distance: 3m
 M/N: 8301/3343
 Mode: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; GSM850
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2416.000	39.77	2.21	41.98	74.00	-32.02	peak	
2		4240.000	37.39	5.40	42.79	74.00	-31.21	peak	
3		6232.000	36.09	8.77	44.86	74.00	-29.14	peak	
4		8704.000	36.27	11.02	47.29	74.00	-26.71	peak	
5	*	10072.00	35.91	13.73	49.64	74.00	-24.36	peak	
6		11488.00	32.71	16.36	49.07	74.00	-24.93	peak	

*:Maximum data x:Over limit l:over margin

●ReferenceOnly

File :20062\Data :#78

Page: 1

Engineer Signature:

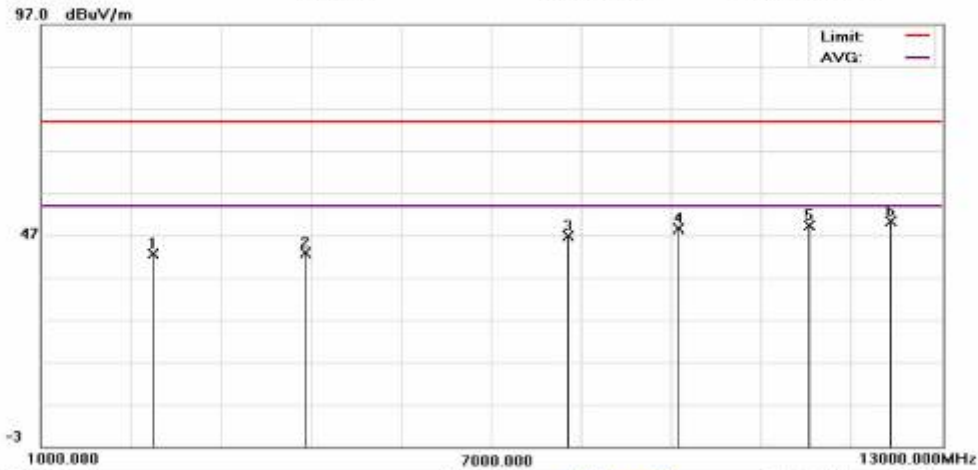
Config 1:GSM1900

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Radiated Emission Measurement

File:20062 Data:#84 Date:2012/2/24 Time:下午 02:23:59



Site :966 Chamber Polarization: **Horizontal** Temperature: 25 ℃
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m
 M/N: 8301/3343
 Mode: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WIFI+GPS ; GSM1900
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2488.000	40.22	2.39	42.61	74.00	-31.39	peak	
2		4528.000	36.81	6.05	42.86	74.00	-31.14	peak	
3		8032.000	36.50	10.31	46.81	74.00	-27.19	peak	
4		9496.000	36.31	12.23	48.54	74.00	-25.46	peak	
5		11248.00	33.33	16.10	49.43	74.00	-24.57	peak	
6	*	12328.00	32.45	17.87	50.32	74.00	-23.68	peak	

*:Maximum data x:Over limit l:over margin

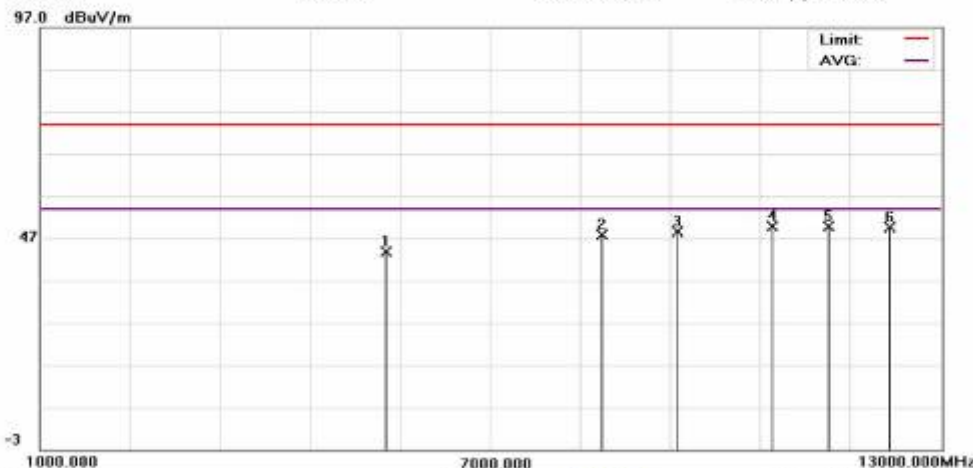
●ReferenceOnly

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Radiated Emission Measurement

File :20062 Data #82 Date: 2012/2/24 Time : 下午 02:15:28



Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 80%
 EUT: ARGON MINI Distance: 3m
 MN: 8301/3343
 Mode: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; GSM1900
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5608.000	36.38	7.62	44.00	74.00	-30.00	peak	
2		8488.000	37.13	10.73	47.86	74.00	-26.14	peak	
3		9496.000	36.30	12.23	48.53	74.00	-25.47	peak	
4	*	10768.00	34.43	15.44	49.87	74.00	-24.13	peak	
5		11512.00	33.48	16.39	49.87	74.00	-24.13	peak	
6		12328.00	31.85	17.87	49.72	74.00	-24.28	peak	

*:Maximum data x:Over limit !:over margin

●ReferenceOnly

File :20062\Data:#82

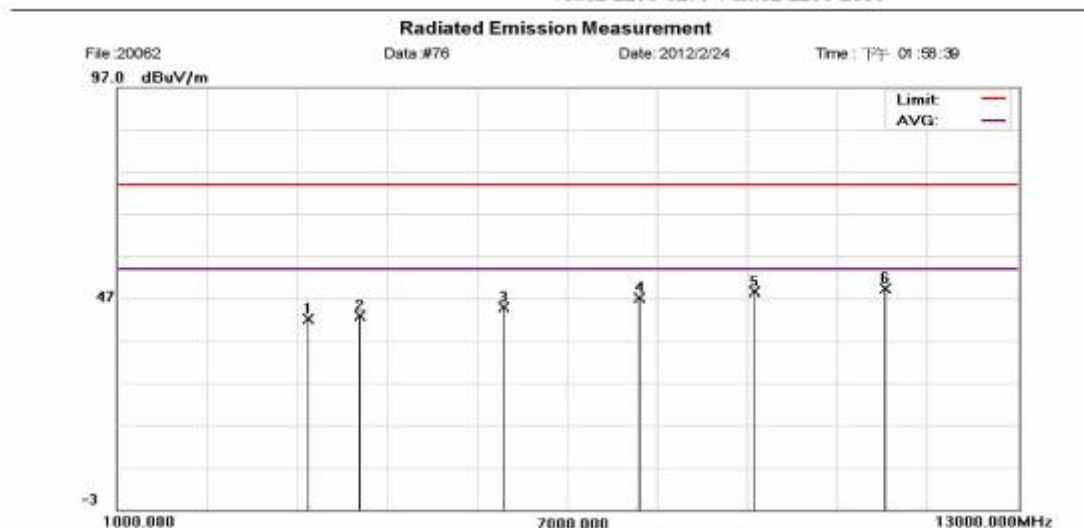
Page: 1

Engineer Signature:

Config 1:WCDMA B5

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Site :966 Chamber Polarization: **Horizontal** Temperature: 25 ℃
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m
 MN: 8301/3343
 Mode: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; WCDMA B5
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3544.000	37.70	4.32	42.02	74.00	-31.98	peak	
2		4240.000	37.45	5.40	42.85	74.00	-31.15	peak	
3		6160.000	36.17	8.66	44.83	74.00	-29.17	peak	
4		7960.000	36.91	10.24	47.15	74.00	-26.85	peak	
5		9496.000	36.43	12.23	48.66	74.00	-25.34	peak	
6	*	11248.00	33.40	16.10	49.50	74.00	-24.50	peak	

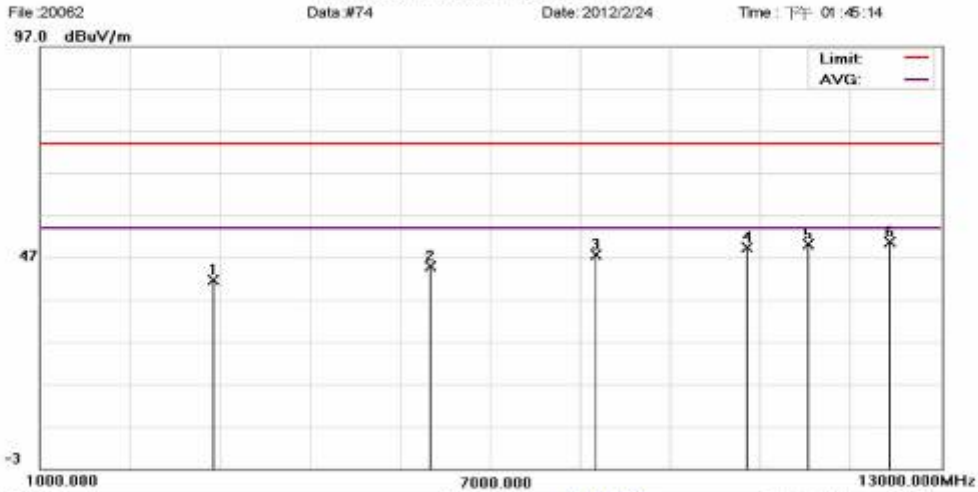
*:Maximum data x:Over limit l:over margin

●ReferenceOnly

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Radiated Emission Measurement



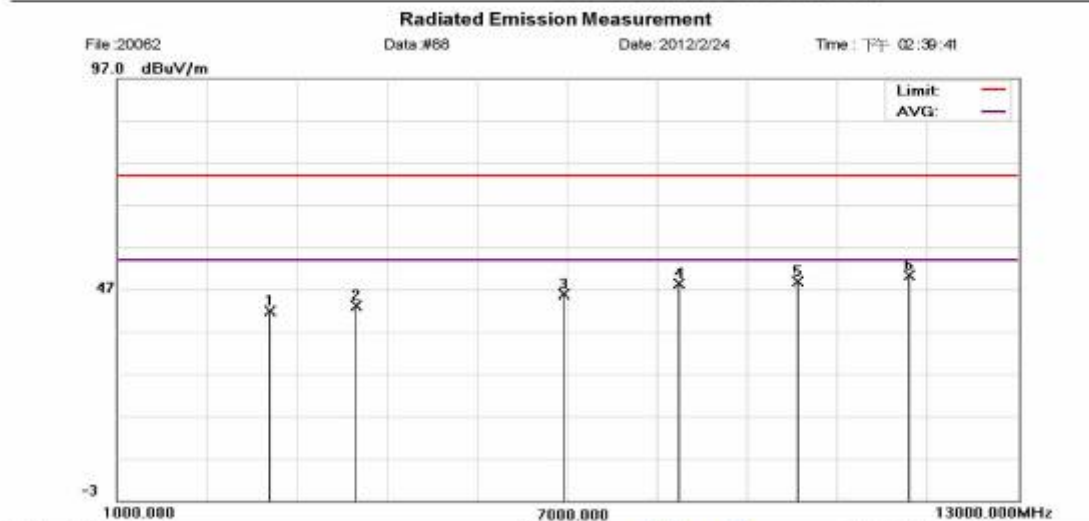
Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 80%
 EUT: ARGON MINI Distance: 3m
 M/N: 8301/3343
 Mode: Config 1: UE+Battery+AC Adaptor+USB Cable+SHF+BT+WiFi+GPS ; WCDMA B5
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3304.000	37.89	3.84	41.73	74.00	-32.27	peak	
2		6208.000	36.25	8.73	44.98	74.00	-29.02	peak	
3		8416.000	37.09	10.65	47.74	74.00	-26.26	peak	
4		10432.00	34.78	14.70	49.48	74.00	-24.52	peak	
5		11248.00	34.10	16.10	50.20	74.00	-23.80	peak	
6	*	12328.00	32.74	17.87	50.61	74.00	-23.39	peak	

*:Maximum data x:Over limit !:over margin ●:ReferenceOnly

Config 2:Data link
H

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Site :966 Chamber Polarization: **Horizontal** Temperature: 25 ℃
Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
EUT: ARGON MINI Distance: 3m
MN: 8301/3343
Mode: Config 2: UE+Battery+USB Cable+SHF ; DATA Link (AC120V/60Hz)
Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3040.000	38.35	3.41	41.76	74.00	-32.24	peak	
2		4192.000	37.68	5.35	43.03	74.00	-30.97	peak	
3		6952.000	36.55	9.30	45.85	74.00	-28.15	peak	
4		8488.000	37.53	10.73	48.26	74.00	-25.74	peak	
5		10072.00	35.03	13.73	48.76	74.00	-25.24	peak	
6	*	11560.00	33.94	16.47	50.41	74.00	-23.59	peak	

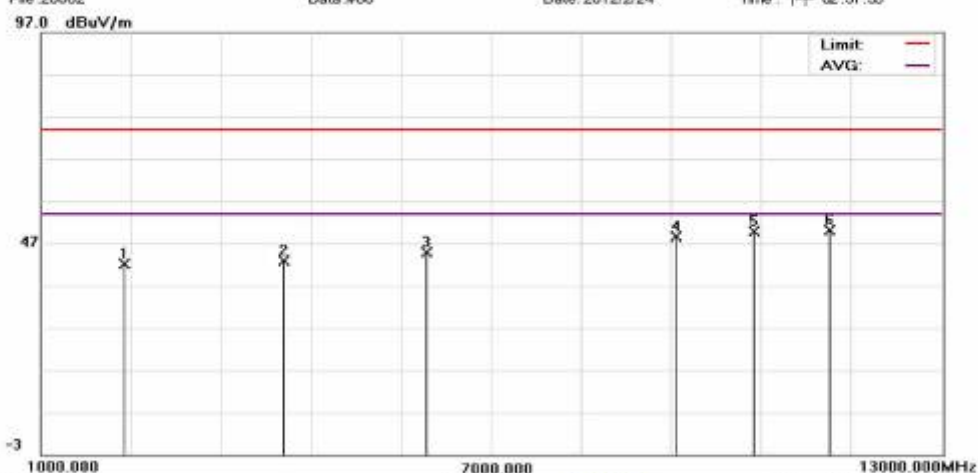
*:Maximum data x:Over limit l:over margin ●ReferenceOnly

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Radiated Emission Measurement

File :20062 Data :#86 Date :2012/2/24 Time : 下午 02:31:55



Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 60%
 EUT: ARGONMINI Distance: 3m
 M/N: 8301/3343
 Mode: Config 2: UE+Battery+USB Cable+SHF ; DATA Link (AC120V/60Hz)
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2104.000	40.71	1.39	42.10	74.00	-31.90	peak	
2		4240.000	37.50	5.40	42.90	74.00	-31.10	peak	
3		6136.000	36.26	8.63	44.89	74.00	-29.11	peak	
4		9472.000	36.48	12.19	48.67	74.00	-25.33	peak	
5		10504.00	34.90	14.88	49.78	74.00	-24.22	peak	
6	*	11512.00	33.78	16.39	50.17	74.00	-23.83	peak	

*:Maximum data x:Over limit l:over margin

●ReferenceOnly

File :20062\Data :#86

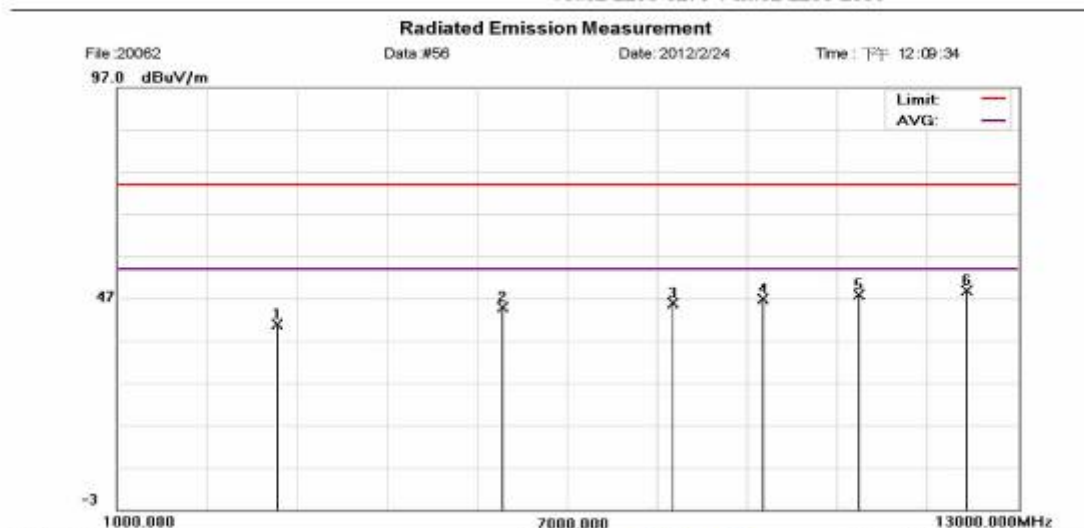
Page: 1

Engineer Signature:

Config 3:Recording

H

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Site :966 Chamber Polarization: **Horizontal** Temperature: 25 ℃
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m
 MN: 8301/3343
 Mode: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Recording
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3136.000	37.30	3.56	40.86	74.00	-33.14	peak	
2		6136.000	36.23	8.63	44.86	74.00	-29.14	peak	
3		8416.000	35.27	10.65	45.92	74.00	-28.08	peak	
4		9616.000	34.35	12.54	46.89	74.00	-27.11	peak	
5		10888.00	32.36	15.60	47.96	74.00	-26.04	peak	
6	*	12328.00	30.89	17.87	48.76	74.00	-25.24	peak	

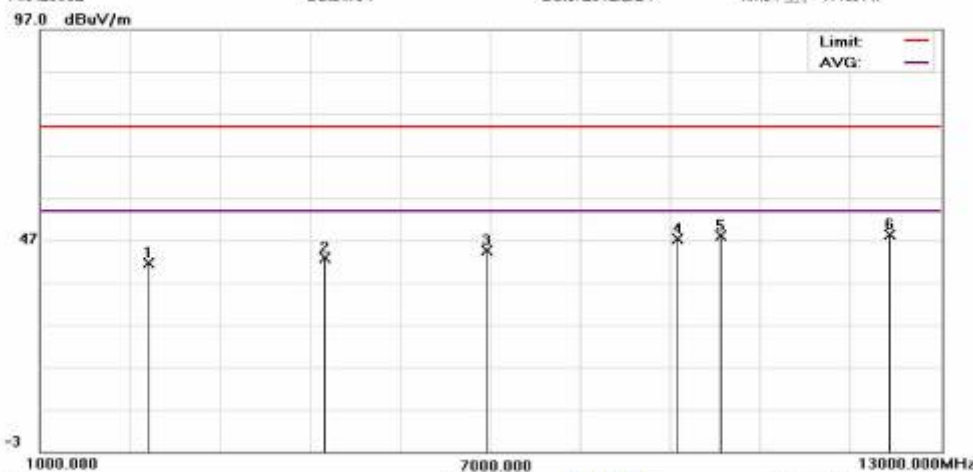
*:Maximum data x:Over limit l:over margin ●ReferenceOnly

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Radiated Emission Measurement

File :20062 Data #54 Date: 2012/2/24 Time : 上午 11:58:41



Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 80%
 EUT: ARGON MINI Distance: 3m
 MN: 8301/3343
 Mode: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Recording
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2440.000	39.33	2.26	41.59	74.00	-32.41	peak	
2		4792.000	36.47	6.51	42.98	74.00	-31.02	peak	
3		6952.000	35.38	9.30	44.68	74.00	-29.32	peak	
4		9496.000	35.17	12.23	47.40	74.00	-26.60	peak	
5		10072.00	34.49	13.73	48.22	74.00	-25.78	peak	
6	*	12328.00	30.39	17.87	48.26	74.00	-25.74	peak	

*:Maximum data x:Over limit !:over margin

●ReferenceOnly

File :20062\Data :#54

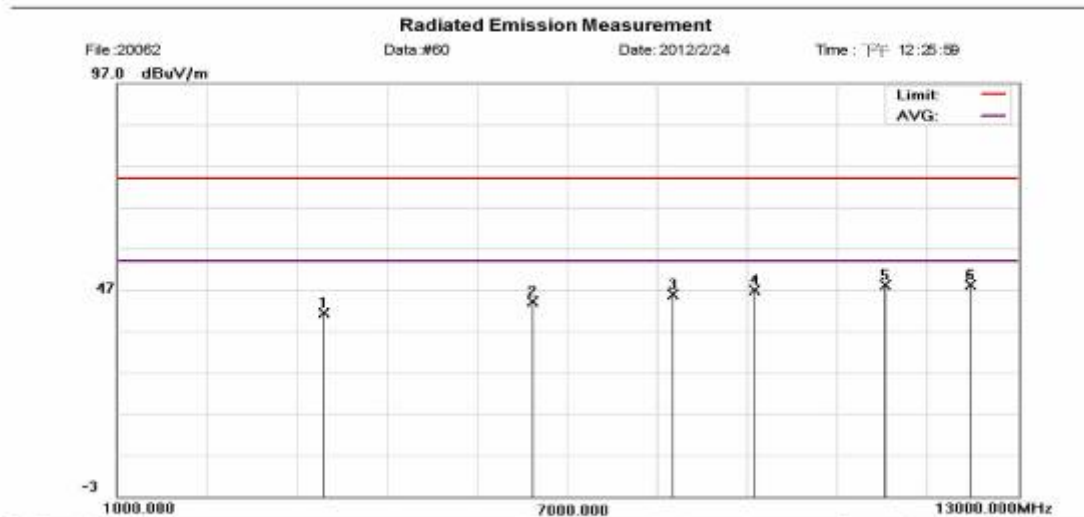
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Engineer Signature:

Config 3:Play Recording

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Site :966 Chamber Polarization: **Horizontal** Temperature: 25 ℃
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m
 M/N: 8301/3343
 Mode: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Play Recording
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		3760.000	36.49	4.78	41.27	74.00	-32.73	peak	
2		6544.000	35.28	8.97	44.25	74.00	-29.75	peak	
3		8416.000	35.29	10.65	45.94	74.00	-28.06	peak	
4		9496.000	34.70	12.23	46.93	74.00	-27.07	peak	
5		11248.00	31.91	16.10	48.01	74.00	-25.99	peak	
6	*	12378.00	30.24	17.93	48.17	74.00	-25.83	peak	

*:Maximum data x:Over limit !:over margin

●ReferenceOnly

File :20062\Data :#60

Page: 1

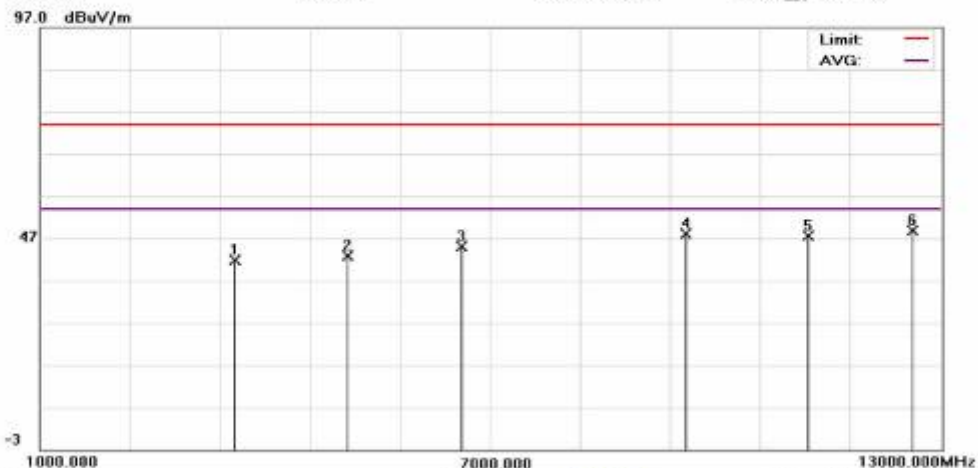
Engineer Signature:

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Radiated Emission Measurement

File :20062 Data #58 Date :2012/2/24 Time : 上午 12:18:38



Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 80%
 EUT: ARGON MINI Distance: 3m
 MN: 8301/3343
 Mode: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; Play Recording
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3592.000	37.34	4.43	41.77	74.00	-32.23	peak	
2		5104.000	36.10	6.88	42.98	74.00	-31.02	peak	
3		6616.000	36.02	9.02	45.04	74.00	-28.96	peak	
4		9616.000	35.65	12.54	48.19	74.00	-25.81	peak	
5		11248.00	31.49	16.10	47.59	74.00	-26.41	peak	
6	*	12640.00	30.33	18.51	48.84	74.00	-25.16	peak	

*:Maximum data x:Over limit l:over margin

●ReferenceOnly

File :20062\Data:#58

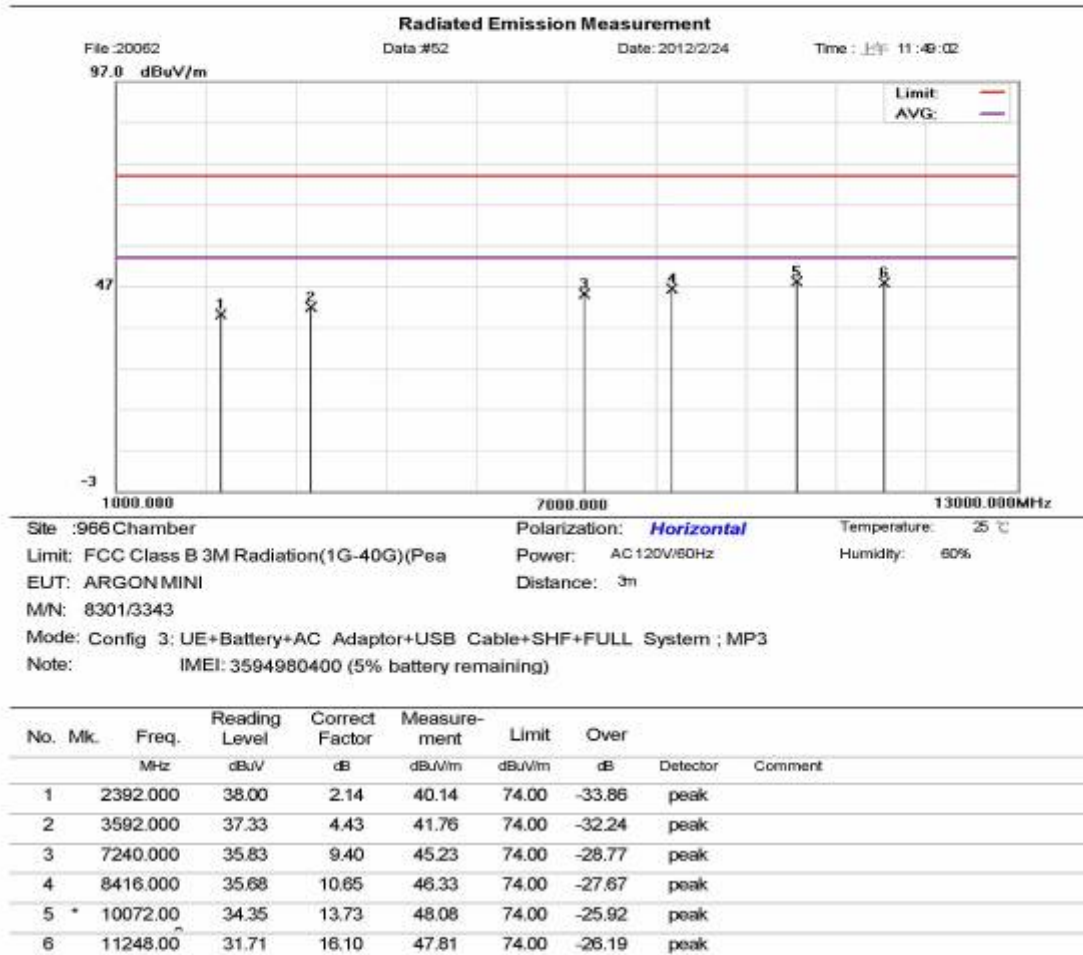
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Engineer Signature:

Config 3:MP3

H

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*:Maximum data x:Over limit !:over margin

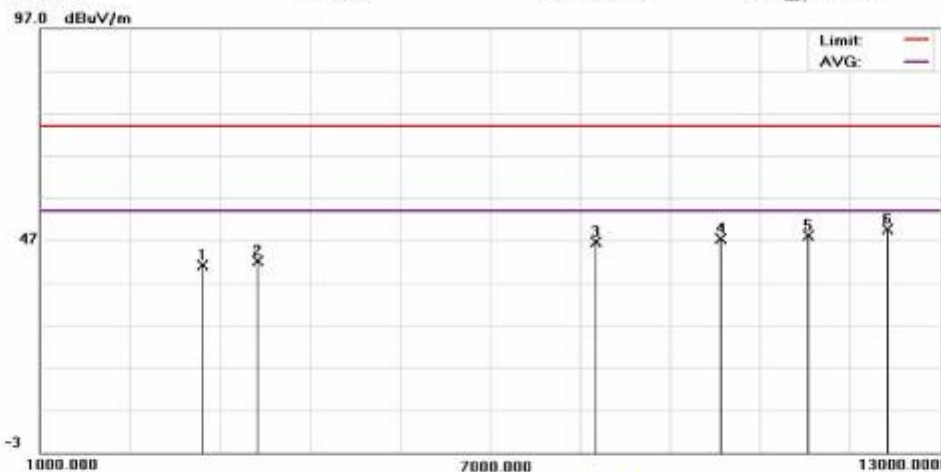
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Radiated Emission Measurement

File:20062 Data #50 Date: 2012/2/24 Time : 上午 11:40:09



Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGONMINI Distance: 3m
 MN: 8301/3343
 Mode: Config 3: UE+Battery+AC Adaptor+USB Cable+SHF+FULL System ; MP3
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3160.000	37.57	3.60	41.17	74.00	-32.83	peak	
2		3904.000	37.02	4.99	42.01	74.00	-31.99	peak	
3		8416.000	35.97	10.65	46.62	74.00	-27.38	peak	
4		10072.00	33.67	13.73	47.40	74.00	-26.60	peak	
5		11248.00	31.94	16.10	48.04	74.00	-25.96	peak	
6	*	12304.00	31.76	17.84	49.60	74.00	-24.40	peak	

*:Maximum data x:Over limit !:over margin

●ReferenceOnly

File :20062\Data :#50

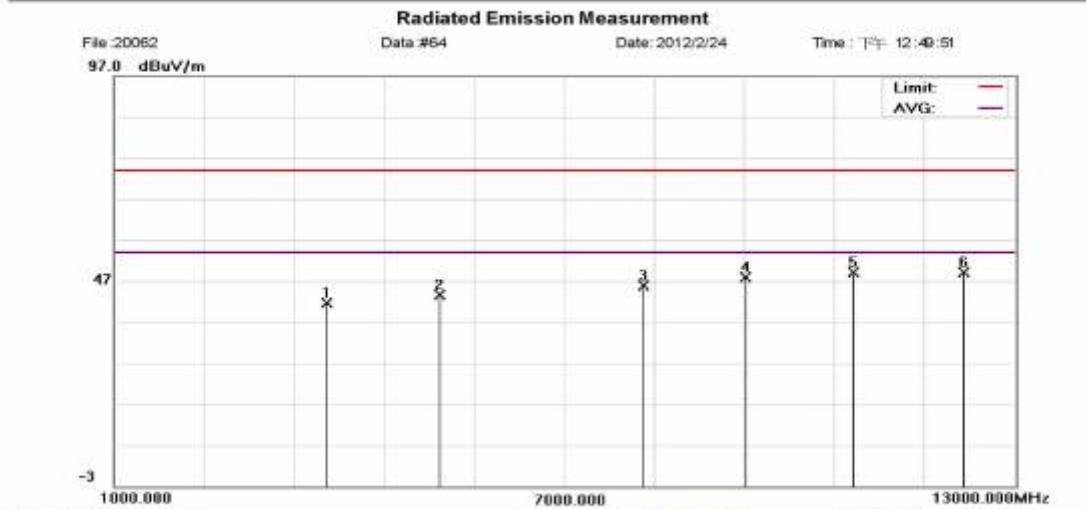
Page: 1

Engineer Signature:

Config 4:FM87.6

H

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 Tel:02-2299-3279 Fax:02-2298-2698



Site :966 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m
 M/N: 8301/3343
 Mode: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM87.6
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3832.000	36.67	4.89	41.56	74.00	-32.44	peak	
2		5344.000	36.44	7.24	43.68	74.00	-30.32	peak	
3		8056.000	35.49	-10.33	45.82	74.00	-28.18	peak	
4		9424.000	35.82	12.11	47.93	74.00	-26.07	peak	
5	*	10864.00	33.56	15.56	49.12	74.00	-24.88	peak	
6		12328.00	31.25	17.87	49.12	74.00	-24.88	peak	

*:Maximum data x:Over limit !:over margin

●ReferenceOnly

File :20062\Data :#64

Page: 1

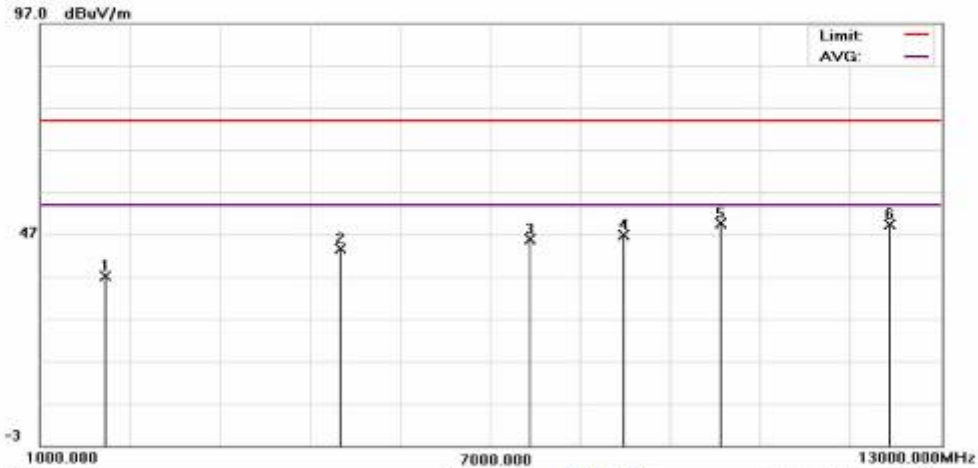
Engineer Signature:

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Radiated Emission Measurement

File :20062 Data #62 Date: 2012/2/24 Time : 下午 12:36:52



Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 80%
 EUT: ARGON MINI Distance: 3m
 MN: 8301/3343
 Mode: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM87.6
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1864.000	37.10	-0.02	37.08	74.00	-36.92	peak	
2		5008.000	36.83	6.75	43.58	74.00	-30.42	peak	
3		7528.000	36.35	9.60	45.95	74.00	-28.05	peak	
4		8776.000	35.83	11.13	46.96	74.00	-27.04	peak	
5	*	10072.00	35.78	13.73	49.51	74.00	-24.49	peak	
6		12328.00	31.40	17.87	49.27	74.00	-24.73	peak	

*:Maximum data x:Over limit l:over margin

●ReferenceOnly

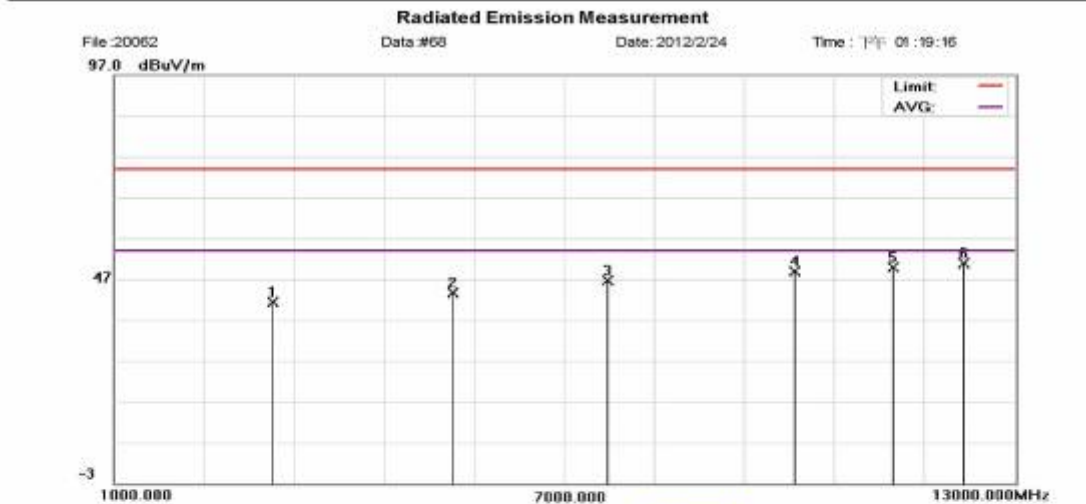
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Engineer Signature:

Config 4:FM98
H

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Site :966 Chamber Polarization: **Horizontal** Temperature: 25 °C
Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
EUT: ARGON MINI Distance: 3m
MN: 8301/3343
Mode: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM98.0
Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3112.000	37.87	3.53	41.40	74.00	-32.60	peak	
2		5512.000	36.09	7.49	43.58	74.00	-30.42	peak	
3		7576.000	37.04	9.69	46.73	74.00	-27.27	peak	
4		10072.00	35.24	13.73	48.97	74.00	-25.03	peak	
5		11392.00	33.63	16.25	49.88	74.00	-24.12	peak	
6	*	12328.00	33.08	17.87	50.95	74.00	-23.05	peak	

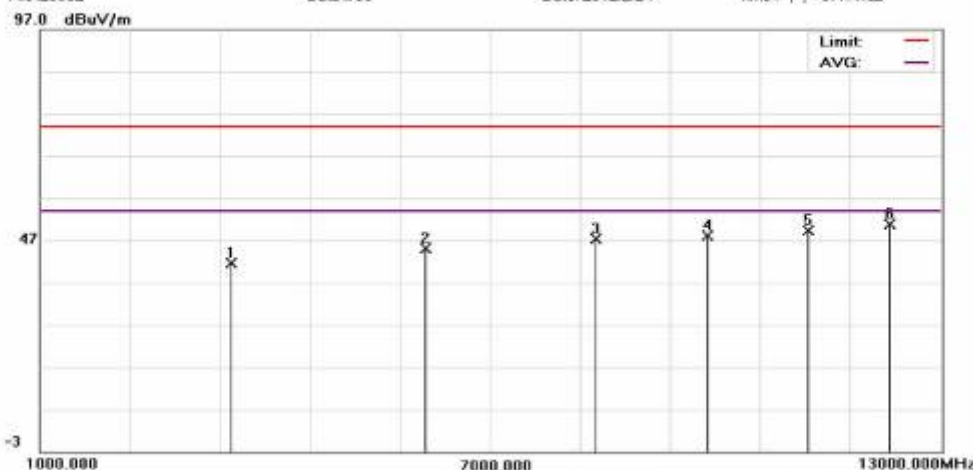
*:Maximum data x:Over limit !:over margin ●ReferenceOnly

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Radiated Emission Measurement

File :20062 Data #66 Date: 2012/2/24 Time : 下午 01:14:32



Site :966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 80%
 EUT: ARGON MINI Distance: 3m
 MN: 8301/3343
 Mode: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM98.0
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3544.000	37.25	4.32	41.57	74.00	-32.43	peak	
2		6136.000	36.48	8.63	45.11	74.00	-28.89	peak	
3		8416.000	36.64	10.65	47.29	74.00	-26.71	peak	
4		9904.000	34.75	13.28	48.03	74.00	-25.97	peak	
5		11248.00	33.26	16.10	49.36	74.00	-24.64	peak	
6	*	12328.00	33.09	17.87	50.96	74.00	-23.04	peak	

*:Maximum data x:Over limit l:over margin

●ReferenceOnly

File :20062\Data:#66

Page: 1

Engineer Signature:

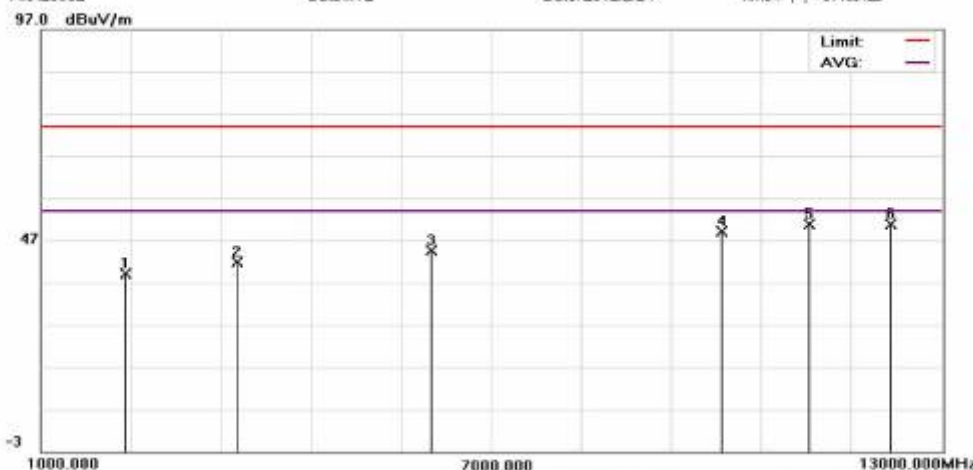
Config 4:FM107.9

H

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Radiated Emission Measurement

File :20062 Data :#72 Date :2012/2/24 Time : 下午 01 :35 :29



Site :966 Chamber Polarization: **Horizontal** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m
 M/N: 8301/3343
 Mode: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM107.9
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2128.000	37.65	1.44	39.09	74.00	-34.91	peak	
2		3616.000	37.30	4.48	41.78	74.00	-32.22	peak	
3		6208.000	35.82	8.73	44.55	74.00	-29.45	peak	
4		10072.000	35.38	13.73	49.11	74.00	-24.89	peak	
5	*	11248.000	34.78	16.10	50.88	74.00	-23.12	peak	
6		12328.000	33.00	17.87	50.87	74.00	-23.13	peak	

*:Maximum data x:Over limit l:over margin

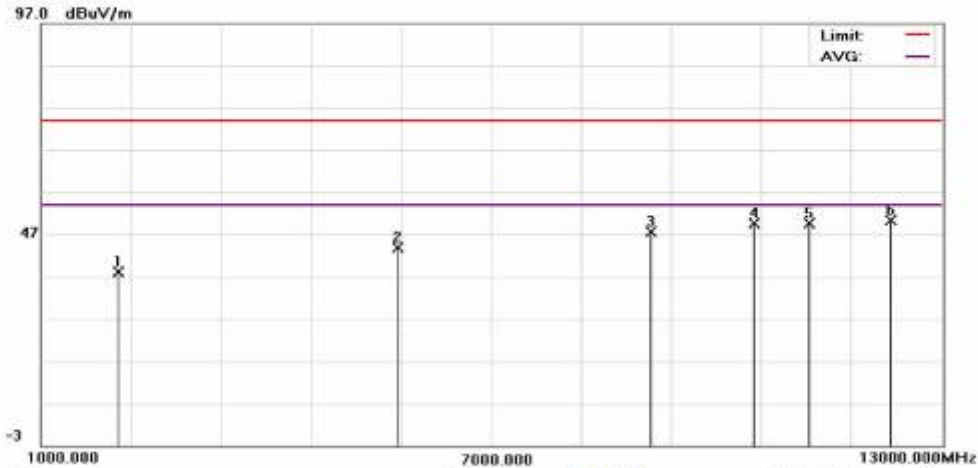
●ReferenceOnly

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Radiated Emission Measurement

File: 20062 Data: #70 Date: 2012/2/24 Time: 下午 01:25:56



Site : 966 Chamber Polarization: **Vertical** Temperature: 25 °C
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea Power: AC 120V/60Hz Humidity: 60%
 EUT: ARGON MINI Distance: 3m
 MN: 8301/3343
 Mode: Config 4: UE+Battery+AC Adaptor+USB Cable+SHF+FM MODE FM107.9
 Note: IMEI: 3594980400 (5% battery remaining)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2032.000	36.94	1.20	38.14	74.00	-35.86	peak	
2		5752.000	36.01	7.81	43.82	74.00	-30.18	peak	
3		9136.000	35.87	11.66	47.53	74.00	-26.47	peak	
4		10504.00	34.64	14.88	49.52	74.00	-24.48	peak	
5		11248.00	33.64	16.10	49.74	74.00	-24.26	peak	
6	*	12328.00	32.42	17.87	50.29	74.00	-23.71	peak	

*:Maximum data x:Over limit l:over margin

●ReferenceOnly

File : 20062\Data : #70

Page: 1

Engineer Signature:

3. Photographs of Test

CE:

Config 1,3,4

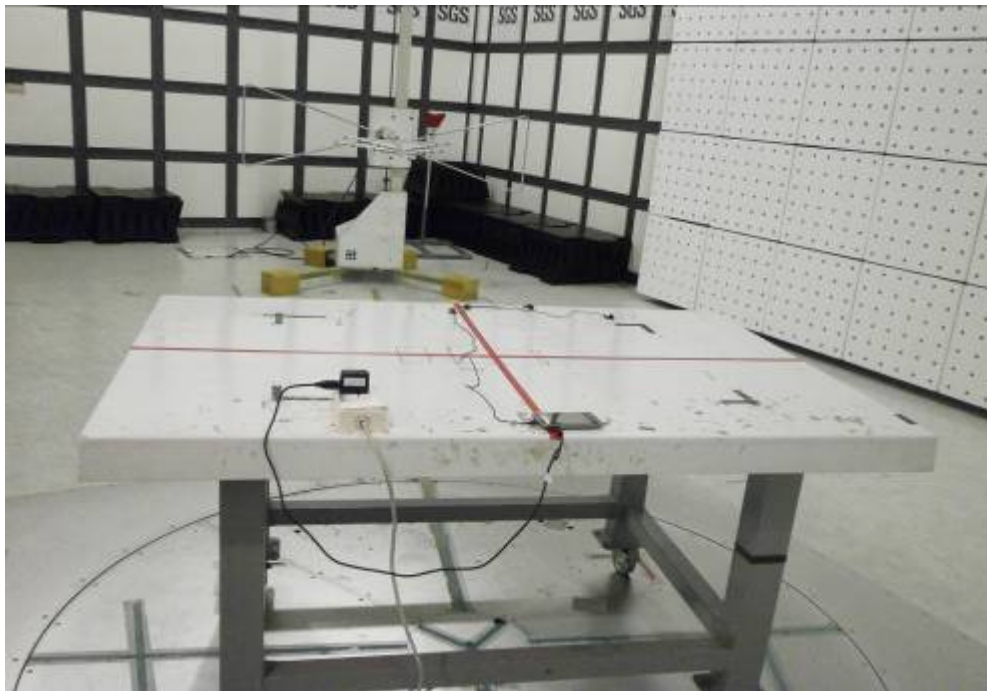
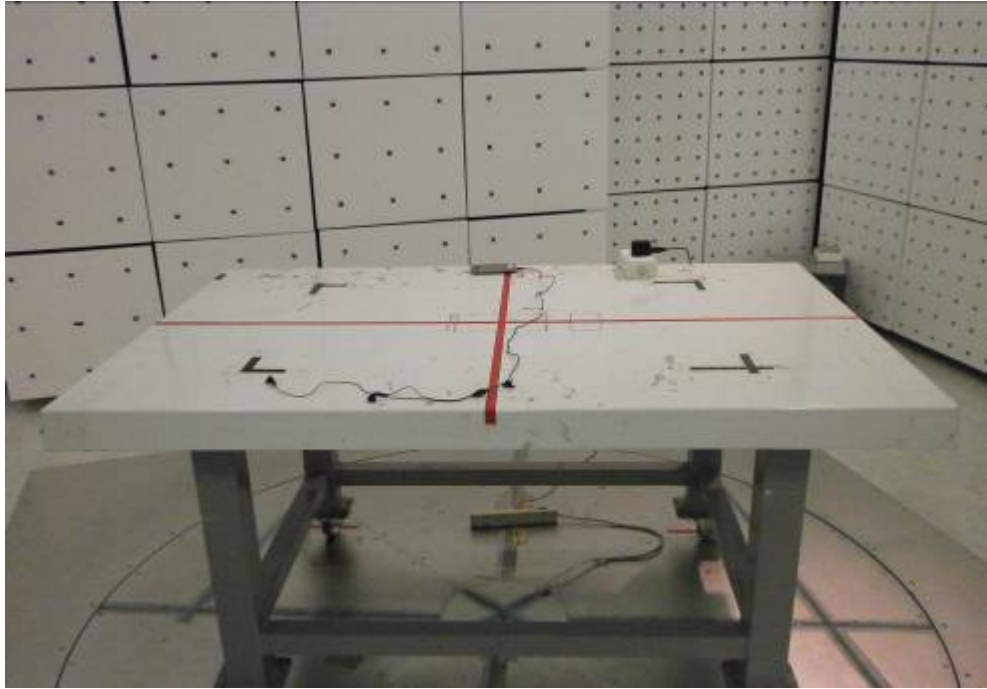


Config 2

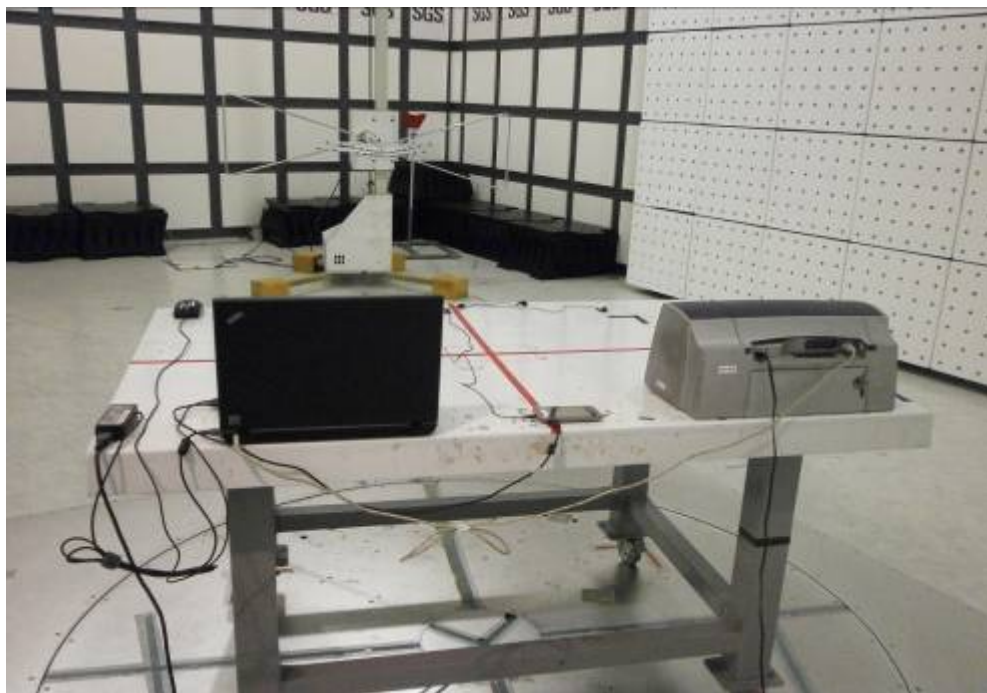
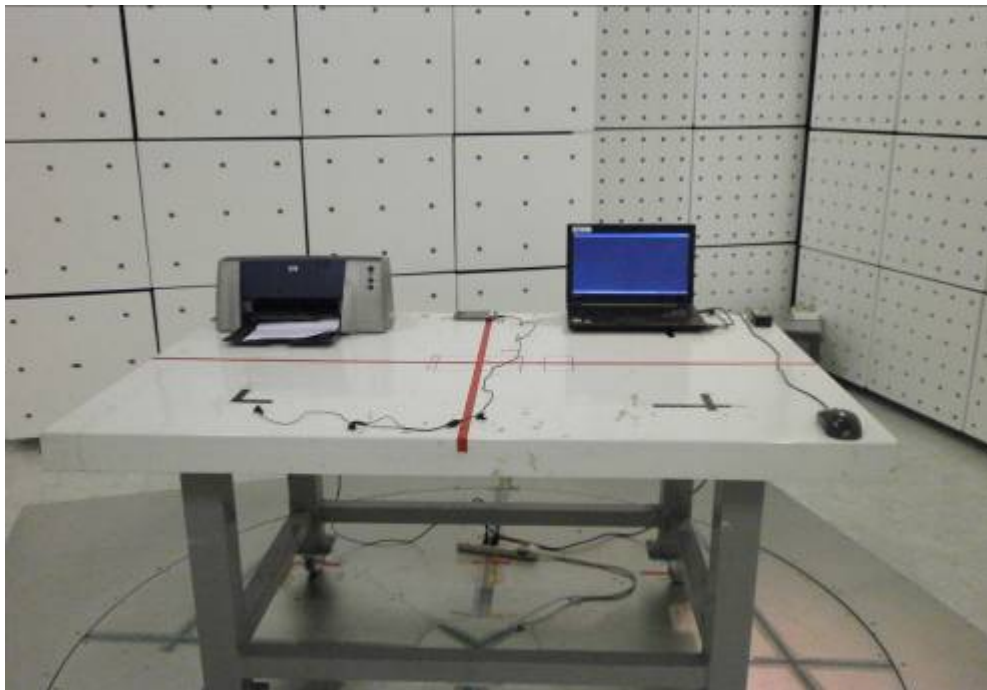


RE(Below 1G):

Config 1,3,4

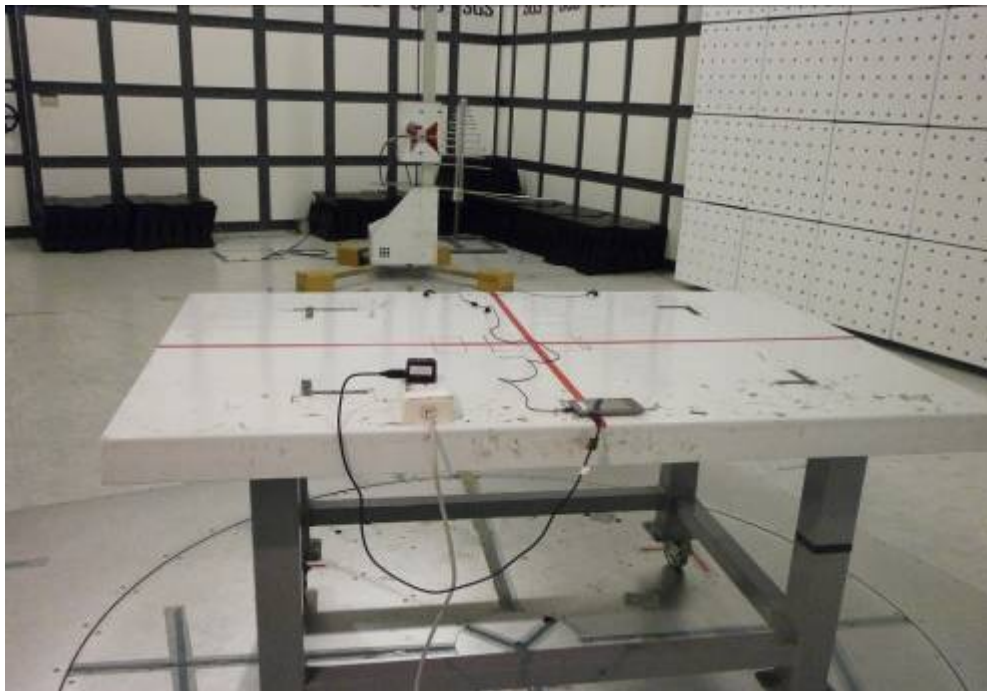


Config 2

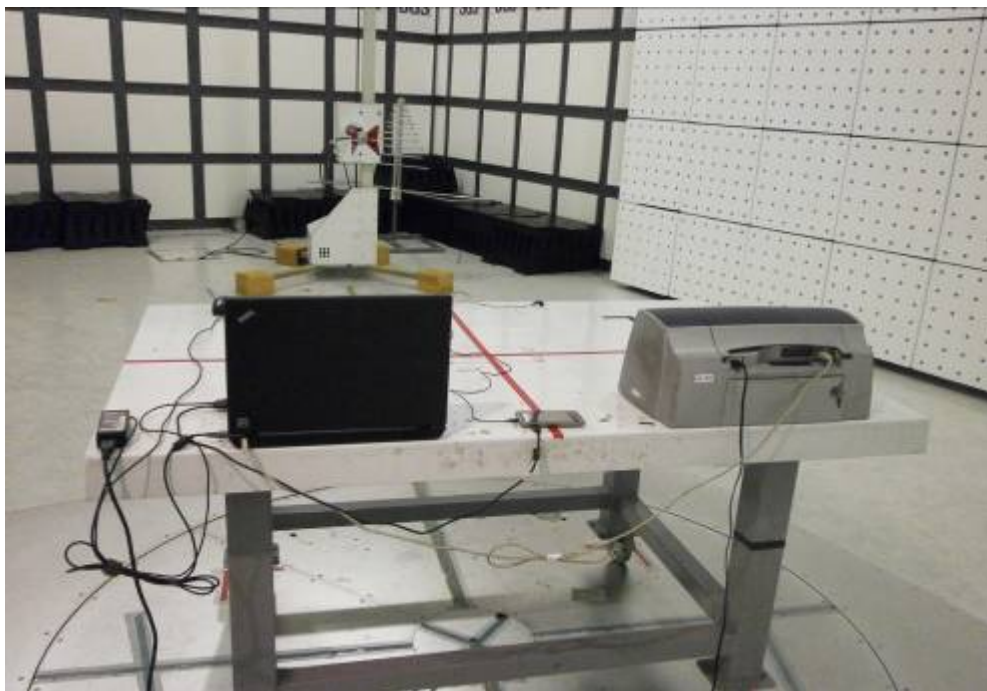
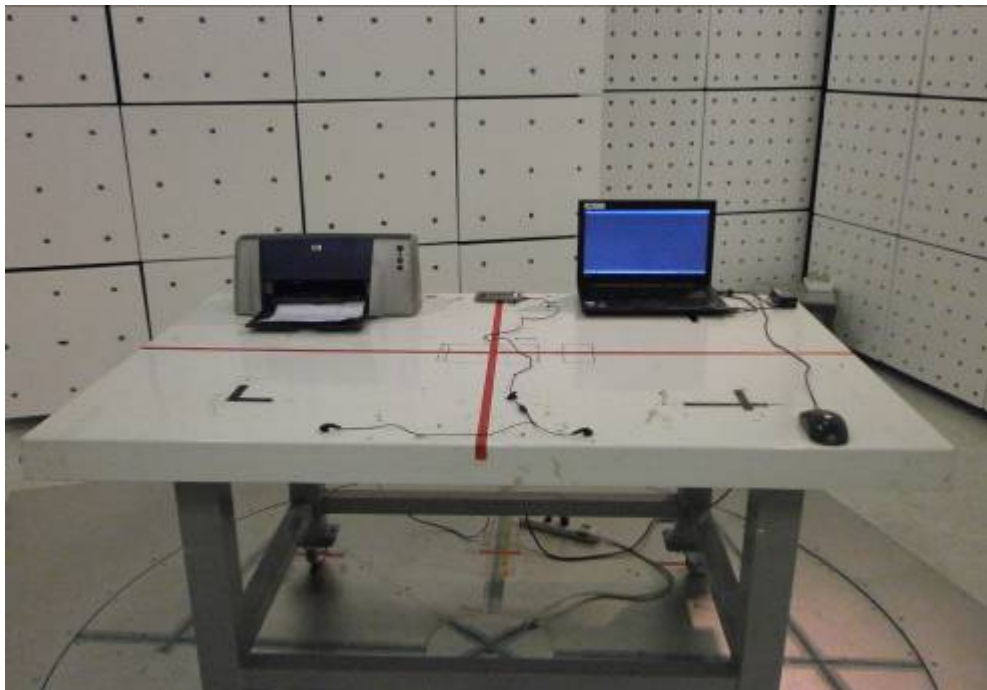


RE(Above 1G):

Config 1,3,4



Config 2



** End of Report **