

Report No.: FG362605

FCC RF Test Report

APPLICANT : CT Asia

EQUIPMENT: Mobile Phone

BRAND NAME : BLU

MODEL NAME : Life View MARKETING NAME : Life View

FCC ID : YHLBLULIFEVIEW

STANDARD : FCC 47 CFR Part 2, 22(H), 24(E)

CLASSIFICATION: PCS Licensed Transmitter Held to Ear (PCE)

The product was received on Jun. 26, 2013 and completely tested on Jul. 11, 20.13. We, SPORTON INTERNATIONAL (SHENZHEN) INC., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI / TIA / EIA-603-C-2004 and shown compliance with the applicable technical standards.

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

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager

SPORTON INTERNATIONAL (SHENZHEN) INC.

No. 3 Building, the third floor of south, Shahe River west, Fengzeyuan warehouse, Nanshan District, Shenzhen, Guangdong, P.R.C.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 1 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Testing Laboratory 2353



TABLE OF CONTENTS

RE	VISIO	N HISTORY	3
SU	MMA	RY OF TEST RESULT	4
1	GEN	ERAL DESCRIPTION	5
	1.1	Applicant	5
	1.2	Manufacturer	5
	1.3	Feature of Equipment Under Test	5
	1.4	Product Specification of Equipment Under Test	6
	1.5	Modification of EUT	
	1.6	Maximum ERP/EIRP Power, Frequency Tolerance, and Emission Designator	7
	1.7	Testing Site	
	1.8	Applied Standards	
2	TEST	CONFIGURATION OF EQUIPMENT UNDER TEST	9
	2.1	Test Mode	9
	2.2	Connection Diagram of Test System	12
	2.3	Support Unit used in test configuration and system	
	2.4	Measurement Results Explanation Example	
3	TEST	RESULT	14
	3.1	Conducted Output Power Measurement	14
	3.2	Peak-to-Average Ratio	
	3.3	Effective Radiated Power and Effective Isotropic Radiated Power Measurement	
	3.4	99% Occupied Bandwidth and 26dB Bandwidth Measurement	
	3.5	Band Edge Measurement	
	3.6	Conducted Spurious Emission Measurement	
	3.7	Field Strength of Spurious Radiation Measurement	
	3.8	Frequency Stability Measurement	
4	LIST	OF MEASURING EQUIPMENT	98
5	UNC	ERTAINTY OF EVALUATION	99
ΑF	PEND	IX A. PHOTOGRAPHS OF EUT	

APPENDIX B. SETUP PHOTOGRAPHS

TEL: 86-755-3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 2 of 99 Report Issued Date: Jul. 17, 2013

Report No. : FG362605

Report Version : Rev. 01



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG362605	Rev. 01	Initial issue of report	Jul. 17, 2013



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	§2.1046	Conducted Output Power	N/A	PASS	-
3.2	§24.232(d)	Peak-to-Average Ratio	< 13 dB	PASS	-
3.3	§22.913(a)(2)	Effective Radiated Power	< 7 Watts	PASS	-
3.3	§24.232(c)	Equivalent Isotropic Radiated Power	< 2 Watts	PASS	-
3.4	§2.1049 §22.917(a) §24.238(b)	Occupied Bandwidth	N/A	PASS	-
3.5	§2.1051 §22.917(a) §24.238(a)	Band Edge Measurement	< 43+10log ₁₀ (P[Watts])	PASS	-
3.6	§2.1051 §22.917(a) §24.238(a)	Conducted Spurious Emission	< 43+10log ₁₀ (P[Watts])	PASS	-
3.7	§2.1053 §22.917(a) §24.238(a)	Field Strength of Spurious Radiation	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 26.89 dB at 3760.000 MHz
3.8	§2.1055 §22.355 §24.235	Frequency Stability for Temperature & Voltage	< 2.5 ppm	PASS	-

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 4 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



1 General Description

1.1 Applicant

CT Asia

Unit 01, 15/F, Seaview Centre, 139-141 Hoi bun road, Kwun Tong, Kowloon, Hongkong

Report No.: FG362605

1.2 Manufacturer

Tinno mobile

Floor2-2, H-3 Building east industrial zoom, OCT east, Nanshan, Shenzhen

1.3 Feature of Equipment Under Test

Product Feature						
Equipment	Mobile Phone					
Brand Name	BLU					
Model Name	Life View					
Marketing Name	Life View					
FCC ID	YHLBLULIFEVIEW					
EUT supports Radios application	GSM/GPRS/EGPRS/WCDMA/HSPA/HSPA+/DC-HSDPA/ WLAN 11bgn/Bluetooth 2.1/3.0/4.0					
HW Version	V1.1					
SW Version	V03					
EUT Stage	Identical Prototype					

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

SPORTON INTERNATIONAL (SHENZHEN) INC.Page Number: 5 of 99TEL: 86-755- 3320-2398Report Issued Date: Jul. 17, 2013FCC ID: YHLBLULIFEVIEWReport Version: Rev. 01



1.4 Product Specification of Equipment Under Test

Product Specification subjective to this standard					
Tx Frequency	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz				
Rx Frequency	GSM850: 869.2 MHz ~ 893.8 MHz GSM1900: 1930.2 MHz ~ 1989.8 MHz WCDMA Band V: 871.4 MHz ~ 891.6 MHz WCDMA Band II: 1932.4 MHz ~ 1987.6 MHz				
Maximum Output Power to Antenna	GSM850 : 32.46 dBm GSM1900 : 29.77 dBm WCDMA Band V : 23.30 dBm WCDMA Band II : 23.05 dBm				
Antenna Type	IFA Antenna				
Antenna Gain	-2.81dBi for GSM850 and WCDMA Band V 1.03dBi for GSM1900 and WCDMA Band II				
Type of Modulation	GSM: GMSK GPRS: GMSK EDGE: GMSK / 8PSK WCDMA: QPSK (Uplink) HSDPA/DC-HSDPA: QPSK (Uplink) HSUPA: QPSK (Uplink) HSPA+: 16QAM (Uplink) DC-HSDPA: 64QAM (Downlink Only)				

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 6 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



1.5 Modification of EUT

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

1.6 Maximum ERP/EIRP Power, Frequency Tolerance, and Emission Designator

FCC Rule	System	Type of Modulation	Maximum ERP/EIRP (W)	Frequency Tolerance (%, Hz, ppm)	Emission Designator
Part 22	GSM850 GSM	GMSK	0.8208	0.02 ppm	250KGXW
Part 22	GSM850 EDGE class 8	8PSK	0.2070	0.02 ppm	246KG7W
Part 22	WCDMA Band V RMC 12.2kbps	QPSK	0.0964	0.01 ppm	4M18F9W
Part 24	GSM1900 GSM	GMSK	0.7866	0.02 ppm	248KGXW
Part 24	GSM1900 EDGE class 8	8PSK	0.3426	0.01 ppm	244KG7W
Part 24	WCDMA Band II RMC 12.2kbps	QPSK	0.1840	0.01 ppm	4M18F9W

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 7 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

1.7 Testing Site

Test Site	SPORTON INTERNATIONAL (SHENZHEN) INC.					
	No. 3 Building, the third floor of south, Shahe River west, Fengzeyuan					
Test Site Location	warehouse, Nanshan District, Shenzhen, Guangdong, P.R.C.					
	TEL: +86-755- 3320-2398					
Test Site No.	Sporton	Site No.	FCC/IC Registration No.			
lest site No.	TH01-SZ	03CH01-SZ	831040/4086F-1			

1.8 Applied Standards

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

- FCC 47 CFR Part 2, 22(H), 24(E)
- ANSI / TIA / EIA-603-C-2004
- FCC KDB 971168 D01 Power Meas. License Digital Systems v02

Remark:

- 1. All test items were verified and recorded according to the standards and without any deviation during the test.
- 2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 8 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



2 Test Configuration of Equipment Under Test

2.1 Test Mode

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission (Z plane).

Frequency range investigated for radiated emission is as follows:

- 1. 30 MHz to 9000 MHz for GSM850 and WCDMA Band V.
- 30 MHz to 19000 MHz for GSM1900 and WCDMA Band II.

	Test Modes							
Band	Radiated TCs	Conducted TCs						
GSM 850	■ GSM Link	■ GSM Link						
GSIVI 650	■ EDGE class 8 Link	■ EDGE class 8 Link						
0014 4000	■ GSM Link	■ GSM Link						
GSM 1900	■ EDGE class 8 Link	■ EDGE class 8 Link						
WCDMA Band V	■ RMC 12.2kbps Link	■ RMC 12.2kbps Link						
WCDMA Band II	■ RMC 12.2kbps Link	■ RMC 12.2kbps Link						

Note: The maximum power levels are GSM mode for GMSK link, EDGE multi-slot class 8 mode for 8PSK link, RMC 12.2kbps mode for WCDMA band V, and RMC 12.2kbps mode for WCDMA band II, only these modes were used for all tests.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 9 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



The conducted power tables are as follows:

<SIM 1>

Conducted Power (*Unit: dBm)								
Band	Band GSM850				GSM1900			
Channel	128	189	251	512	661	810		
Frequency	824.2	836.4	848.8	1850.2	1880.0	1909.8		
GSM (GMSK, 1 Tx slot)	<mark>32.46</mark>	32.42	32.39	<mark>29.77</mark>	29.68	29.52		
GPRS (GMSK, 1 Tx slot) – CS1	32.41	32.39	32.37	29.76	29.68	29.52		
GPRS (GMSK, 2 Tx slots) – CS1	31.46	31.43	31.41	28.76	28.69	28.55		
GPRS (GMSK, 3 Tx slots) – CS1	29.71	29.68	29.66	26.97	26.90	26.78		
GPRS (GMSK, 4 Tx slots) – CS1	28.96	28.92	28.91	26.21	26.15	26.02		
EDGE (GMSK, 1 Tx slot) – MCS1	32.42	32.40	32.39	29.76	29.67	29.51		
EDGE (GMSK, 2 Tx slots) – MCS1	31.46	31.43	31.41	28.75	28.68	28.54		
EDGE (GMSK, 3 Tx slots) – MCS1	29.72	29.68	29.66	26.95	26.89	26.77		
EDGE (GMSK, 4 Tx slots) – MCS1	28.95	28.92	28.90	26.20	26.16	26.01		
EDGE (8PSK, 1 Tx slot) – MCS5	26.47	26.46	26.44	26.18	26.30	26.05		
EDGE (8PSK, 2 Tx slots) – MCS5	25.23	25.25	25.22	25.09	25.29	25.05		
EDGE (8PSK, 3 Tx slots) – MCS5	23.05	23.03	22.96	23.09	23.17	22.90		
EDGE (8PSK, 4 Tx slots) – MCS5	21.91	21.90	21.87	21.85	22.07	21.80		

Conducted Power (*Unit: dBm)									
Band	W	CDMA Band	d V	WCDMA Band II					
Channel	4132	4182	4233	9262	9400	9538			
Frequency	826.4	836.4	846.6	1852.4	1880.0	1907.6			
AMR 12.2K	23.20	23.28	23.25	23.04	22.91	22.81			
RMC 12.2K	23.22	23.30	23.26	23.05	22.93	22.82			
HSDPA Subtest-1	22.21	22.31	22.25	22.01	21.95	21.83			
HSDPA Subtest-2	22.25	22.33	22.29	21.95	21.93	21.80			
HSDPA Subtest-3	21.76	21.85	21.80	21.51	21.46	21.35			
HSDPA Subtest-4	21.75	21.82	21.76	21.54	21.45	21.33			
DC-HSDPA Subtest-1	22.40	22.27	22.33	21.78	21.71	21.76			
DC-HSDPA Subtest-2	22.37	22.26	22.31	21.75	21.69	21.74			
DC-HSDPA Subtest-3	21.96	21.87	21.80	21.22	21.19	21.28			
DC-HSDPA Subtest-4	21.98	21.88	21.77	21.25	21.19	21.30			
HSUPA Subtest-1	21.43	21.50	21.45	20.92	20.87	20.75			
HSUPA Subtest-2	20.22	20.31	20.27	20.19	20.10	19.87			
HSUPA Subtest-3	20.71	20.80	20.74	20.95	20.85	20.71			
HSUPA Subtest-4	20.35	20.44	20.38	19.83	19.80	19.65			
HSUPA Subtest-5	21.77	21.85	21.81	21.50	21.42	21.30			
HSPA+ (16QAM) Subtest-1	20.76	20.84	20.79	20.13	20.11	20.20			

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 10 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



FCC RF Test Report

<SIM 2>

Conducted Power (*Unit: dBm)								
Band	GSM850			GSM1900				
Channel	128	189	251	512	661	810		
Frequency	824.2	836.4	848.8	1850.2	1880.0	1909.8		
GSM (GMSK, 1 Tx slot)	<mark>32.43</mark>	32.40	32.36	<mark>29.75</mark>	29.67	29.50		
GPRS (GMSK, 1 Tx slot) – CS1	32.41	32.38	32.35	29.73	29.65	29.47		
GPRS (GMSK, 2 Tx slots) – CS1	31.43	31.42	31.40	28.76	28.67	28.52		
GPRS (GMSK, 3 Tx slots) – CS1	29.70	29.65	29.63	26.95	26.89	26.74		
GPRS (GMSK, 4 Tx slots) – CS1	28.93	28.90	28.90	26.18	26.13	26.00		
EDGE (GMSK, 1 Tx slot) – MCS1	32.40	32.39	32.36	29.72	29.64	29.49		
EDGE (GMSK, 2 Tx slots) – MCS1	31.43	31.41	31.38	28.71	28.67	28.51		
EDGE (GMSK, 3 Tx slots) – MCS1	29.70	29.64	29.64	26.92	26.84	26.76		
EDGE (GMSK, 4 Tx slots) – MCS1	28.92	28.86	28.89	26.08	26.15	26.01		
EDGE (8PSK, 1 Tx slot) – MCS5	26.45	26.45	26.43	26.17	26.27	26.04		
EDGE (8PSK, 2 Tx slots) – MCS5	25.21	25.23	25.21	25.08	25.24	25.03		
EDGE (8PSK, 3 Tx slots) – MCS5	23.03	23.01	22.95	23.06	23.15	22.78		
EDGE (8PSK, 4 Tx slots) – MCS5	21.90	21.87	21.86	21.81	22.03	21.75		

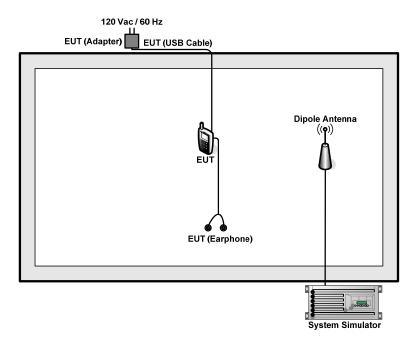
Conducted Power (*Unit: dBm)									
Band	W	CDMA Band	V E	WCDMA Band II					
Channel	4132	4182	4233	9262	9400	9538			
Frequency	826.4	836.4	846.6	1852.4	1880.0	1907.6			
AMR 12.2K	23.18	23.25	23.22	23.01	22.87	22.80			
RMC 12.2K	23.20	<mark>23.29</mark>	23.24	<mark>23.03</mark>	22.90	22.81			
HSDPA Subtest-1	22.17	22.30	22.20	21.98	21.91	21.80			
HSDPA Subtest-2	22.23	22.31	22.26	21.92	21.87	21.76			
HSDPA Subtest-3	21.75	21.81	21.78	21.47	21.43	21.32			
HSDPA Subtest-4	21.71	21.80	21.75	21.53	21.42	21.30			
DC-HSDPA Subtest-1	22.39	22.26	22.33	21.76	21.69	21.74			
DC-HSDPA Subtest-2	22.34	22.21	22.29	21.73	21.68	21.72			
DC-HSDPA Subtest-3	21.95	21.86	21.77	21.21	21.18	21.26			
DC-HSDPA Subtest-4	21.97	21.86	21.77	21.24	21.17	21.28			
HSUPA Subtest-1	21.40	21.47	21.42	20.91	20.86	20.74			
HSUPA Subtest-2	20.20	20.26	20.21	20.17	19.95	19.85			
HSUPA Subtest-3	20.68	20.76	20.73	20.94	20.81	20.70			
HSUPA Subtest-4	20.32	20.41	20.35	19.81	19.76	19.61			
HSUPA Subtest-5	21.73	21.83	21.76	21.47	21.36	21.28			
HSPA+ (16QAM) Subtest-1	20.74	20.83	20.76	20.12	20.12	20.19			

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 11 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



Report No. : FG362605

2.2 Connection Diagram of Test System



TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 12 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Agilent	E5515C	N/A	N/A	Unshielded, 1.8 m
2.	DC Power Supply	TOPWORD	3303DR	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 7.5 dB and 10dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
=
$$7.5 + 10 = 17.5$$
 (dB)



3 Test Result

3.1 Conducted Output Power Measurement

3.1.1 Description of the Conducted Output Power Measurement

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals shall be reported.

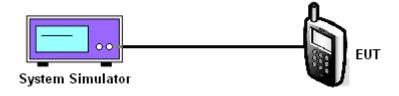
3.1.2 Measuring Instruments

See list of measuring instruments of this test report.

3.1.3 Test Procedures

- 1. The transmitter output port was connected to base station.
- The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
 The path loss was compensated to the results for each measurement.
- 3. Set EUT at maximum power through base station.
- 4. Select lowest, middle, and highest channels for each band and different modulation.
- Measure the maximum burst average power for GSM and maximum average power for other modulation signal.

3.1.4 Test Setup



FCC ID: YHLBLULIFEVIEW

Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

: 14 of 99

Page Number



3.1.5 Test Result of Conducted Output Power

	Cellular Band										
Modes	GSM850 (GSM)			GSM8	GSM850 (EDGE class 8)			WCDMA Band V (RMC 12.2kbps)			
Channel	128 (Low)	189 (Mid)	251 (High)	128 (Low)	189 (Mid)	251 (High)	4132 (Low)	4182 (Mid)	4233 (High)		
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	826.4	836.4	846.6		
Conducted Power (dBm)	32.46	32.42	32.39	26.47	26.46	26.44	23.22	23.30	23.26		
Conducted Power (Watts)	1.76	1.75	1.73	0.44	0.44	0.44	0.21	0.21	0.21		

	PCS Band										
Modes	GSM1900 (GSM)			GSM19	GSM1900 (EDGE class 8)			WCDMA Band II (RMC 12.2kbps)			
Channel	512 (Low)	661 (Mid)	810 (High)	512 (Low)	661 (Mid)	810 (High)	9262 (Low)	9400 (Mid)	9538 (High)		
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1852.4	1880	1907.6		
Conducted Power (dBm)	29.77	29.68	29.52	26.18	26.30	26.05	23.05	22.93	22.82		
Conducted Power (Watts)	0.95	0.93	0.90	0.41	0.43	0.40	0.20	0.20	0.19		

Note: maximum burst average power for GSM, and maximum average power for WCDMA.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 15 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.2 Peak-to-Average Ratio

3.2.1 Description of the PAR Measurement

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

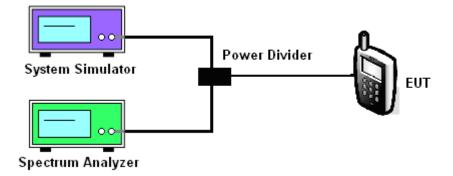
3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

- 1. The EUT was connected to Spectrum Analyzer and System Simulator via power divider.
- 2. For GSM/EGPRS operating modes:
 - a. Set EUT in maximum power output.
 - b. Set the RBW = 1MHz, VBW = 3MHz, Peak detector in spectrum analyzer for first trace.
 - c. Set the RBW = 1MHz, VBW = 3MHz, RMS detector in spectrum analyzer for second trace.
 - d. The wanted burst signal is triggered by spectrum analyzer, and measured respectively the peak level and Mean level without burst-off time, after system simulator synchronized with the spectrum analyzer.
- 3. For UMTS operating modes:
 - a. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
 - b. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
- 4. Record the deviation as Peak to Average Ratio.

3.2.4 Test Setup



SPORTON INTERNATIONAL (SHENZHEN) INC.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 16 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

3.2.5 Test Result of Peak-to-Average Ratio

	PCS Band										
Modes	GSM1900 (GSM)			GSM1900 (EDGE class 8)			WCDMA Band II (RMC 12.2kbps)				
Channel	512 (Low)	661 (Mid)	810 (High)	512 (Low)	661 (Mid)	810 (High)	9262 (Low)	9400 (Mid)	9538 (High)		
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1852.4	1880	1907.6		
Peak-to-Average Ratio (dB)	0.23	0.23	0.21	3.02	3.09	2.86	2.56	2.84	2.16		

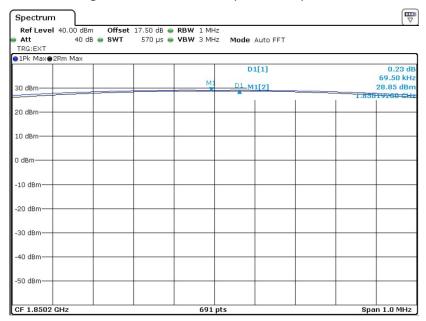
TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 17 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.2.6 Test Result (Plots) of Peak-to-Average Ratio

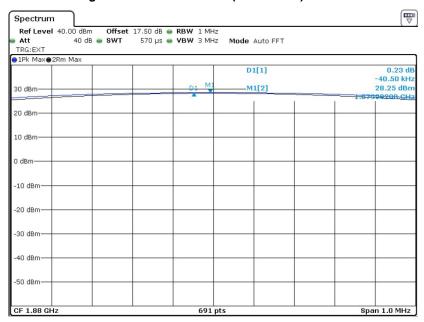
Band : GSM 1900	Test Mode :	GSM Link (GMSK)
------------------------	-------------	-----------------

Peak-to-Average Ratio on Channel 512 (1850.2 MHz)



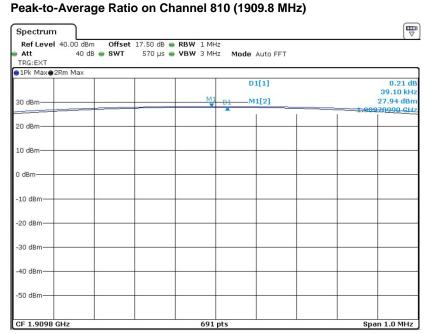
Date: 9.JUL.2013 16:44:19

Peak-to-Average Ratio on Channel 661 (1880.0 MHz)



Date: 9.JUL.2013 16:41:50

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 18 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



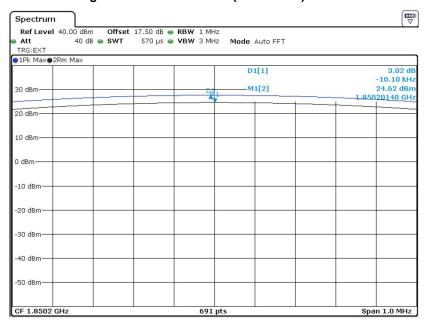
Date: 9.JUL.2013 16:47:18

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 19 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

FCC RF Test Report

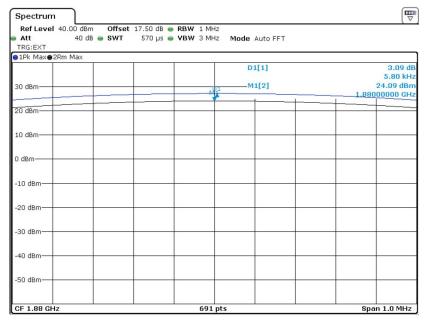
Band: GSM 1900 Test Mode: EDGE class 8 Link (8PSK)

Peak-to-Average Ratio on Channel 512 (1850.2 MHz)



Date: 9.JUL.2013 17:25:40

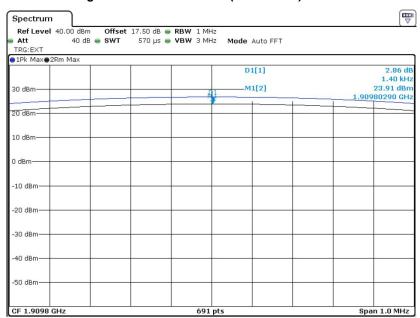
Peak-to-Average Ratio on Channel 661 (1880.0 MHz)



Date: 9.JUL.2013 17:22:33

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 20 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Peak-to-Average Ratio on Channel 810 (1909.8 MHz)



Date: 9.JUL.2013 17:27:05

TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 21 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01



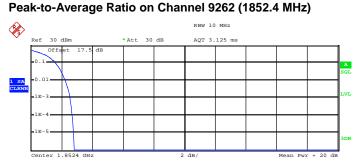
Band:

FCC RF Test Report

RMC 12.2kbps Link (QPSK)

Report No.: FG362605

WCDMA Band II Test Mode : RMC 12.2kbps Lin



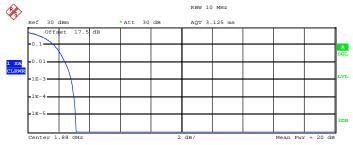
Complementary Cumulative Distribution Function (100000 samples) ${\tt Trace} \quad {\tt 1} \\$

Mean 22.50 dBm Peak 25.31 dBm Crest 2.81 dB

10 % 1.60 dB 1 % 2.24 dB .1 % 2.56 dB .01 % 2.72 dB

Date: 1.JUL.2013 00:40:05

Peak-to-Average Ratio on Channel 9400 (1880.0 MHz)



Complementary Cumulative Distribution Function (100000 samples) ${\tt Trace} \ \ 1$

Mean 22.50 dBm
Peak 25.66 dBm
Crest 3.16 dB

10 % 1.72 dB
1 % 2.44 dB
.1 % 2.84 dB
.01 % 3.00 dB

Date: 1.JUL.2013 00:39:26

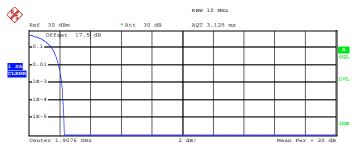
TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 22 of 99
Report Issued Date : Jul. 17, 2013

: Rev. 01

Report Version

FCC RF Test Report

Peak-to-Average Ratio on Channel 9538 (1907.6 MHz)



Complementary Cumulative Distribution Function (100000 samples) ${\tt Trace} \ \ 1$

Mean 22.45 dBm Peak 24.75 dBm Crest 2.30 dB

10 % 1.48 dB 1 % 1.96 dB .1 % 2.16 dB .01 % 2.24 dB

Date: 1.JUL.2013 00:38:48

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 23 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

3.3 Effective Radiated Power and Effective Isotropic Radiated Power Measurement

3.3.1 Description of the ERP/EIRP Measurement

The substitution method, in ANSI / TIA / EIA-603-C-2004, was used for ERP/EIRP measurement, and the spectrum analyzer configuration follows KDB 971168 D01 Power Meas. License Digital Systems v02. The ERP of mobile transmitters must not exceed 7 Watts and the EIRP of mobile transmitters are limited to 2 Watts.

Report No.: FG362605

3.3.2 Measuring Instruments

See list of measuring instruments of this test report.

3.3.3 Test Procedures

- 1. The EUT was placed on a turntable with 1.5 meter height in a fully anechoic chamber.
- 2. The EUT was set at 3 meters from the receiving antenna, which was mounted on the antenna tower.
- GSM operating modes: Set RBW= 1MHz, VBW= 3MHz, RMS detector over burst;
 UMTS operating modes: Set RBW= 100 KHz, VBW= 300 KHz, RMS detector over frame, and use channel power option with bandwidth=5MHz, per KDB 971168 D01.
- 4. The table was rotated 360 degrees to determine the position of the highest radiated power.
- 5. The height of the receiving antenna is adjusted to look for the maximum ERP/EIRP.
- 6. Taking the record of maximum ERP/EIRP.
- 7. A dipole antenna was substituted in place of the EUT and was driven by a signal generator.
- 8. The conducted power at the terminal of the dipole antenna is measured.
- 9. Repeat step 3 to step 5 to get the maximum ERP/EIRP of the substitution antenna.
- 10. ERP/EIRP = Ps + Et Es + Gs = Ps + Rt Rs + Gs

Ps (dBm): Input power to substitution antenna.

Gs (dBi or dBd): Substitution antenna Gain.

Et = Rt + AF

Es = Rs + AF

AF (dB/m): Receive antenna factor

Rt: The highest received signal in spectrum analyzer for EUT.

Rs: The highest received signal in spectrum analyzer for substitution antenna.

Page Number

Report Version

: 24 of 99

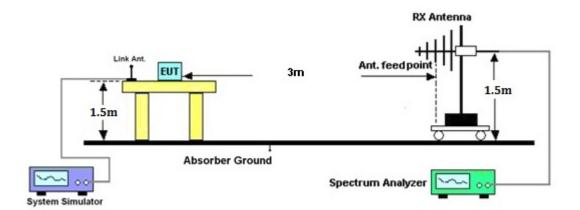
: Rev. 01

Report Issued Date: Jul. 17, 2013



Report No. : FG362605

3.3.4 Test Setup



TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 25 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.3.5 Test Result of ERP

	GSM850 (GSM) Radiated Power ERP										
	Horizontal Polarization										
Frequency	equency Rt Rs Ps Gs ERP ERP										
(MHz)	(dBm)	(dBm)	(dBm)	(dBd)	(dBm)	(W)					
824.20	-20.23	-48.12	0.00	-1.08	26.81	0.4800					
836.40	-19.05	-48.28	0.00	-0.93	28.30	0.6768					
848.80	-18.45	-48.35	0.00	-0.76	29.14	0.8208					
		Ve	ertical Polarizati	on							
Frequency	Rt	Rs	Ps	Gs	ERP	ERP					
(MHz)	(dBm)	(dBm)	(dBm)	(dBd)	(dBm)	(W)					
824.20	-26.32	-47.97	0.00	-1.08	20.57	0.1140					
836.40	-24.89	-48.01	0.00	-0.93	22.19	0.1656					
848.80	-23.97	-48.05	0.00	-0.76	23.32	0.2149					

	GSM850 (EDGE class 8) Radiated Power ERP										
	Horizontal Polarization										
Frequency Rt Rs Ps Gs ERP E						ERP					
(MHz)	(dBm)	(dBm)	(dBm)	(dBd)	(dBm)	(W)					
824.20	-25.85	-48.12	0.00	-1.08	21.19	0.1316					
836.40	-25.00	-48.28	0.00	-0.93	22.35	0.1716					
848.80	-24.43	-48.35	0.00	-0.76	23.16	0.2070					
		Ve	ertical Polarizati	on							
Frequency	Rt	Rs	Ps	Gs	ERP	ERP					
(MHz)	(dBm)	(dBm)	(dBm)	(dBd)	(dBm)	(W)					
824.20	-31.92	-47.97	0.00	-1.08	14.97	0.0314					
836.40	-31.04	-48.01	0.00	-0.93	16.04	0.0402					
848.80	-30.11	-48.05	0.00	-0.76	17.18	0.0523					

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 26 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



FCC RF Test Report

	WCDMA Band V (RMC 12.2kbps) Radiated Power ERP										
	Horizontal Polarization										
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)					
826.40	-27.67	-48.12	0.00	-1.08	19.37	0.0865					
836.40	-27.65	-48.28	0.00	-0.93	19.70	0.0933					
846.60	-27.75	-48.35	0.00	-0.76	19.84	0.0964					
		Ve	ertical Polarizati	on							
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)					
826.40	-33.94	-47.97	0.00	-1.08	12.95	0.0197					
836.40	-33.80	-48.01	0.00	-0.93	13.28	0.0213					
846.60	-33.64	-48.05	0.00	-0.76	13.65	0.0232					

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 27 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.3.6 Test Result of EIRP

	GSM1900 (GSM) Radiated Power EIRP										
	Horizontal Polarization										
Frequency	Frequency Rt Rs Ps Gs EIRP EIRP										
(MHz)	(dBm)	(dBm)	(dBm)	(dBi)	(dBm)	(W)					
1850.20	-25.21	-51.88	0.00	1.96	28.63	0.7290					
1880.00	-27.03	-52.99	0.00	2.00	27.96	0.6258					
1909.80	-28.01	-54.28	0.00	1.98	28.25	0.6680					
		Ve	ertical Polarizati	on							
Frequency	Rt	Rs	Ps	Gs	EIRP	EIRP					
(MHz)	(dBm)	(dBm)	(dBm)	(dBi)	(dBm)	(W)					
1850.20	-25.34	-52.13	0.00	1.96	28.75	0.7506					
1880.00	-27.13	-53.17	0.00	2.00	28.04	0.6373					
1909.80	-27.15	-54.13	0.00	1.98	28.96	0.7866					

	GSM1900 (EDGE class 8) Radiated Power EIRP										
	Horizontal Polarization										
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)					
1850.20	-29.06	-51.88	0.00	1.96	24.78	0.3007					
1880.00	-30.52	-52.99	0.00	2.00	24.47	0.2797					
1909.80	-31.73	-54.28	0.00	1.98	24.53	0.2840					
		Ve	ertical Polarizati	on							
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)					
1850.20	-29.25	-52.13	0.00	1.96	24.84	0.3046					
1880.00	-30.80	-53.17	0.00	2.00	24.37	0.2733					
1909.80	-30.76	-54.13	0.00	1.98	25.35	0.3426					

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 28 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



FCC RF Test Report

	WCDMA Band II (RMC 12.2kbps) Radiated Power EIRP										
	Horizontal Polarization										
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)					
1852.40	-31.57	-51.88	0.00	1.96	22.27	0.1687					
1880.00	-33.56	-52.99	0.00	2.00	21.43	0.1389					
1907.60	-34.40	-54.28	0.00	1.98	21.86	0.1535					
		Ve	ertical Polarizati	on							
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)					
1852.40	-31.44	-52.13	0.00	1.96	22.65	0.1840					
1880.00	-33.38	-53.17	0.00	2.00	21.79	0.1509					
1907.60	-33.49	-54.13	0.00	1.98	22.62	0.1829					

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 29 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.4 99% Occupied Bandwidth and 26dB Bandwidth Measurement

3.4.1 Description of 99% Occupied Bandwidth and 26dB Bandwidth Measurement

The 99% occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

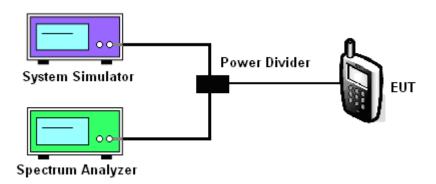
3.4.2 Measuring Instruments

See list of measuring instruments of this test report.

3.4.3 Test Procedures

- 1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
- 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. The 99% occupied bandwidth were measured, set RBW= 1% of span, VBW= 3*RBW, sample detector, trace maximum hold.
- 4. The 26dB bandwidth were measured, set RBW= 1% of EBW, VBW= 3*RBW, peak detector, trace maximum hold.

3.4.4 Test Setup



SPORTON INTERNATIONAL (SHENZHEN) INC.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 30 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.4.5 Test Result of 99% Occupied Bandwidth and 26dB Bandwidth

Cellular Band									
Modes	GSM850 (GSM)			GSM850 (EDGE class 8)					
Channal	128	189	251	128	189	251			
Channel	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)			
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8			
99% OBW (kHz)	250.00	248.00	246.00	246.00	242.00	244.00			
26dB BW (kHz)	312.00	312.00	312.00	304.00	296.00	308.00			

PCS Band						
Modes	GSM1900 (GSM)			GSM1900 (EDGE class 8)		
Channel	512	661	810	512	661	810
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
99% OBW (kHz)	244.00	248.00	246.00	244.00	242.00	244.00
26dB BW (kHz)	316.00	312.00	314.00	314.00	312.00	312.00

Cellular Band				
Modes	WCDMA Band V (RMC 12.2kbps)			
Channel	4132 (Low)	4182 (Mid)	4233 (High)	
Frequency (MHz)	826.4	836.4	846.6	
99% OBW (MHz)	4.18	4.16	4.16	
26dB BW (MHz)	4.70	4.70	4.72	

PCS Band				
Modes	WCDMA Band II (RMC 12.2kbps)			
Channel	9262 (Low)	9400 (Mid)	9538 (High)	
Frequency (MHz)	1852.4	1880	1907.6	
99% OBW (MHz)	4.18	4.16	4.18	
26dB BW (MHz)	4.72	4.72	4.76	

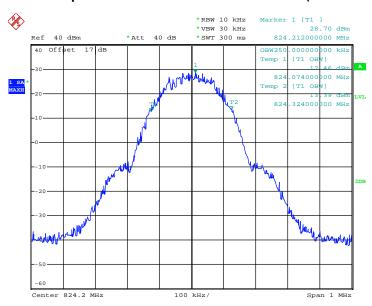
TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 31 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.4.6 Test Result (Plots) of 99% Occupied Bandwidth and 26dB Bandwidth

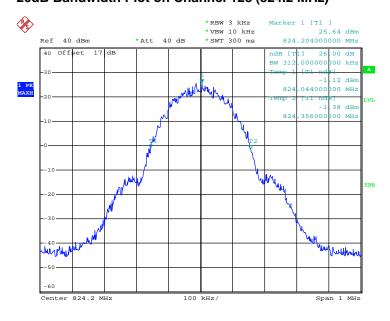
Band: GSM 850	Test Mode :	GSM Link (GMSK)
---------------	-------------	-----------------

99% Occupied Bandwidth Plot on Channel 128 (824.2 MHz)



Date: 30.JUN.2013 18:45:40

26dB Bandwidth Plot on Channel 128 (824.2 MHz)



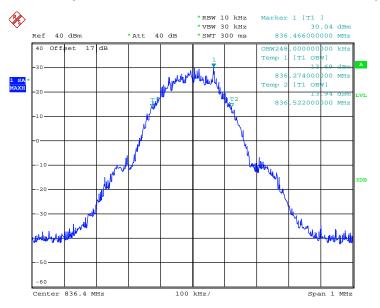
Date: 30.JUN.2013 18:31:41

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 32 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



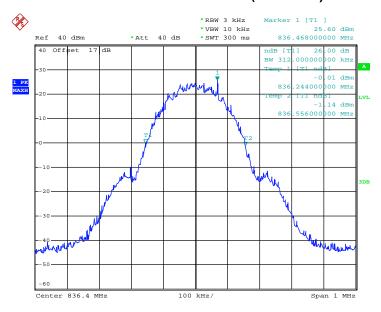
Report No.: FG362605





Date: 30.JUN.2013 18:43:32

26dB Bandwidth Plot on Channel 189 (836.4 MHz)



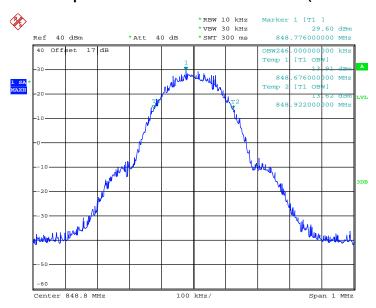
Date: 30.JUN.2013 18:33:11

TEL: 86-755-3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 33 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01



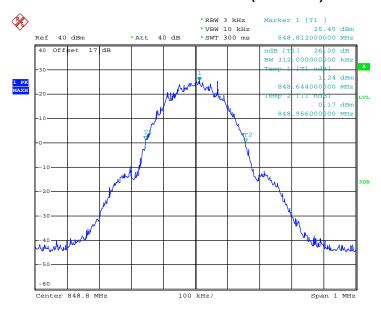
Report No. : FG362605

99% Occupied Bandwidth Plot on Channel 251 (848.8 MHz)



Date: 30.JUN.2013 18:37:45

26dB Bandwidth Plot on Channel 251 (848.8 MHz)

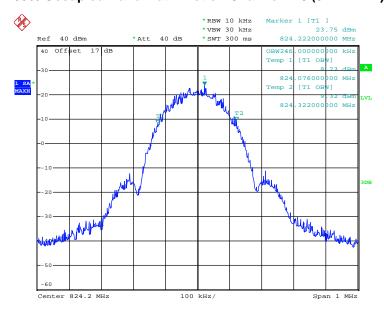


Date: 30.JUN.2013 18:35:06

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 34 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

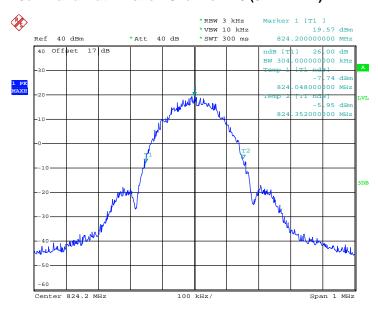
Band: GSM 850 Test Mode: EDGE class 8 Link (8PSK)

99% Occupied Bandwidth Plot on Channel 128 (824.2 MHz)



Date: 30.JUN.2013 21:33:51

26dB Bandwidth Plot on Channel 128 (824.2 MHz)

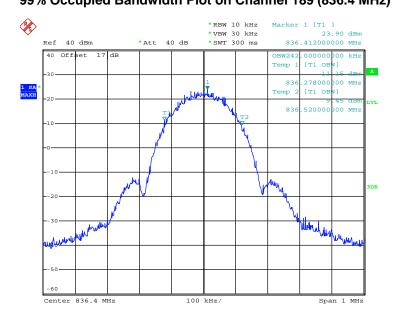


Date: 30.JUN.2013 21:44:10

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 35 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

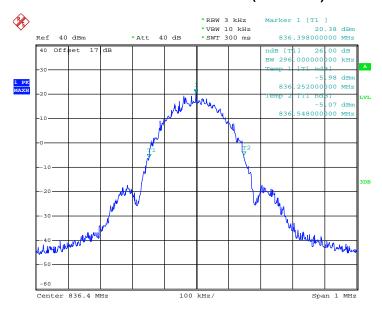


99% Occupied Bandwidth Plot on Channel 189 (836.4 MHz)



Date: 30.JUN.2013 21:26:50

26dB Bandwidth Plot on Channel 189 (836.4 MHz)

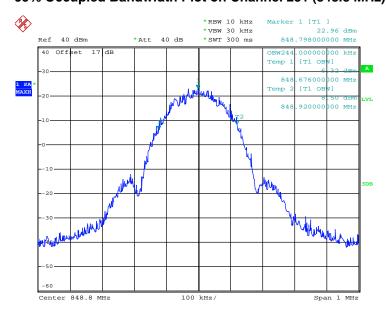


Date: 30.JUN.2013 21:42:29

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 36 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

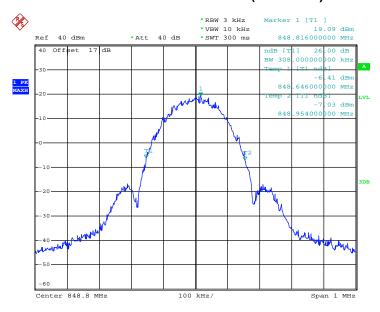


99% Occupied Bandwidth Plot on Channel 251 (848.8 MHz)



Date: 30.JUN.2013 21:36:12

26dB Bandwidth Plot on Channel 251 (848.8 MHz)

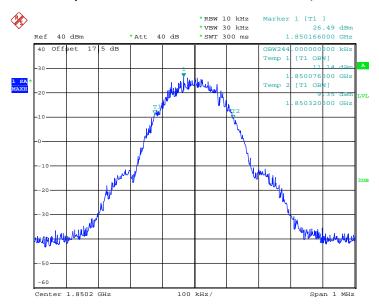


Date: 30.JUN.2013 21:41:04

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 37 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

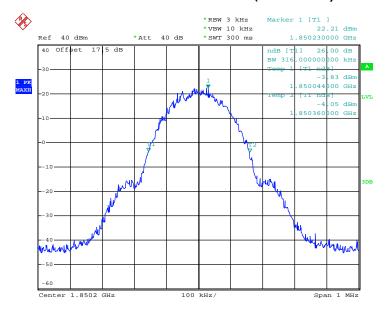
Band: GSM 1900 Test Mode: GSM Link (GMSK)

99% Occupied Bandwidth Plot on Channel 512 (1850.2 MHz)



Date: 30.JUN.2013 20:04:23

26dB Bandwidth Plot on Channel 512 (1850.2 MHz)

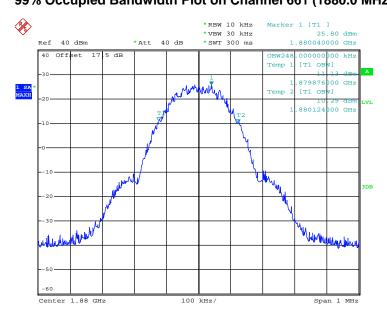


Date: 30.JUN.2013 19:52:19

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 38 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

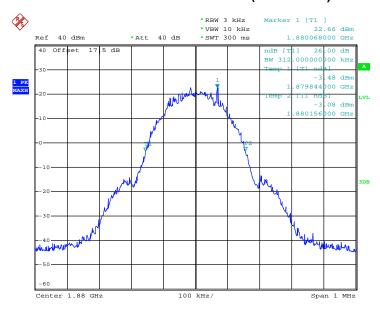






Date: 30.JUN.2013 20:02:53

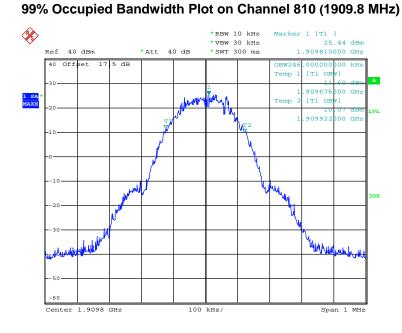
26dB Bandwidth Plot on Channel 661 (1880.0 MHz)



Date: 30.JUN.2013 19:50:15

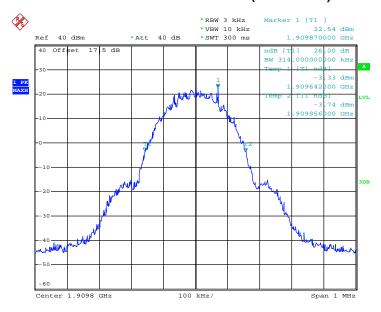
TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 39 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01





Date: 30.JUN.2013 19:56:16

26dB Bandwidth Plot on Channel 810 (1909.8 MHz)

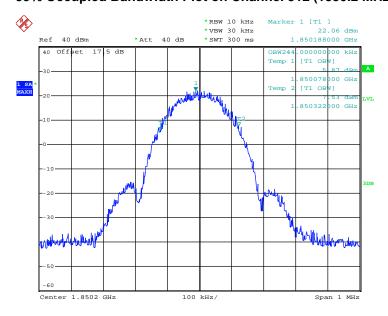


Date: 30.JUN.2013 19:54:05

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 40 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

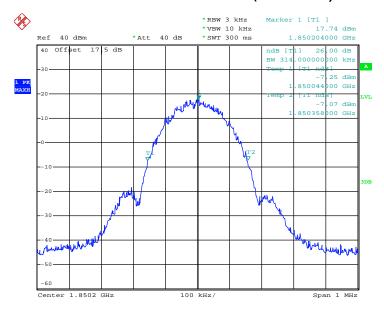
Band: GSM 1900 Test Mode: EDGE class 8 Link (8PSK)

99% Occupied Bandwidth Plot on Channel 512 (1850.2 MHz)



Date: 11.JUL.2013 11:11:00

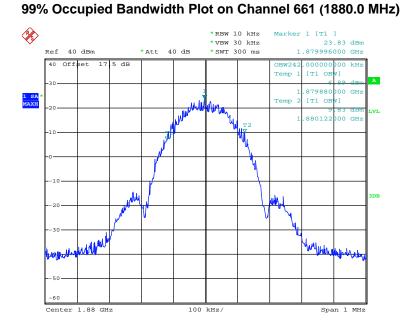
26dB Bandwidth Plot on Channel 512 (1850.2 MHz)



Date: 30.JUN.2013 20:49:29

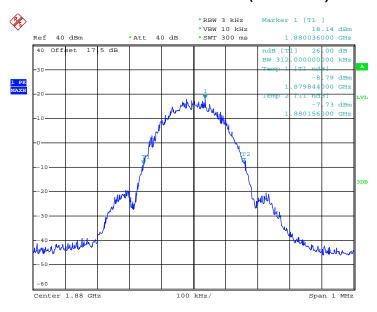
TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 41 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01





Date: 11.JUL.2013 11:09:43

26dB Bandwidth Plot on Channel 661 (1880.0 MHz)

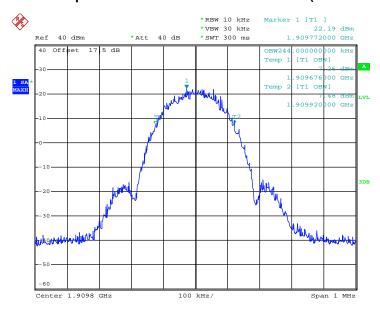


Date: 30.JUN.2013 20:47:42

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 42 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

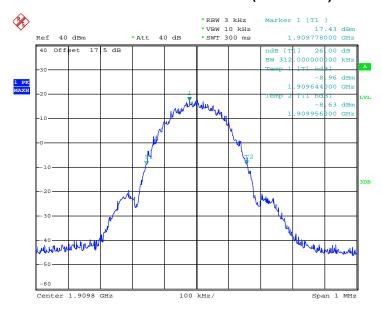


99% Occupied Bandwidth Plot on Channel 810 (1909.8 MHz)



Date: 11.JUL.2013 11:08:10

26dB Bandwidth Plot on Channel 810 (1909.8 MHz)

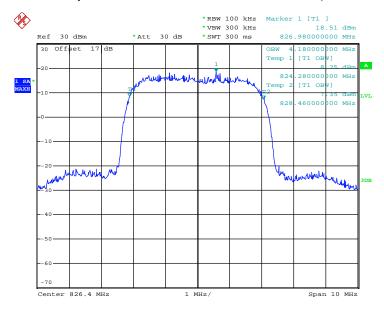


Date: 30.JUN.2013 20:46:17

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 43 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

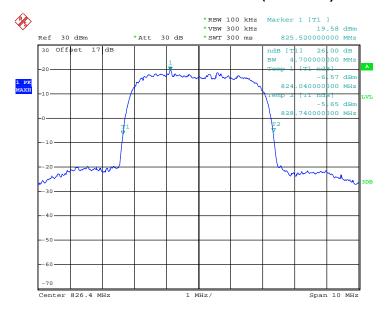
Band: WCDMA Band V Test Mode: RMC 12.2kbps Link (QPSK)

99% Occupied Bandwidth Plot on Channel 4132 (826.4 MHz)



Date: 30.JUN.2013 22:39:19

26dB Bandwidth Plot on Channel 4132 (826.4 MHz)

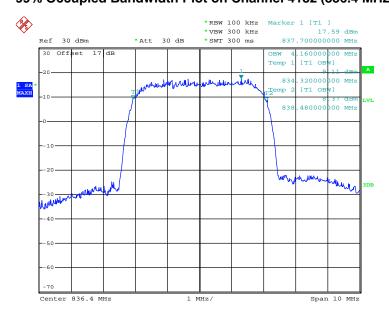


Date: 30.JUN.2013 23:12:14

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 44 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

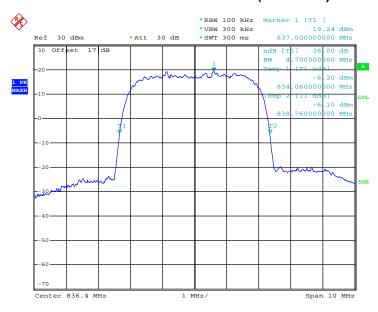






Date: 30.JUN.2013 22:35:54

26dB Bandwidth Plot on Channel 4182 (836.4 MHz)

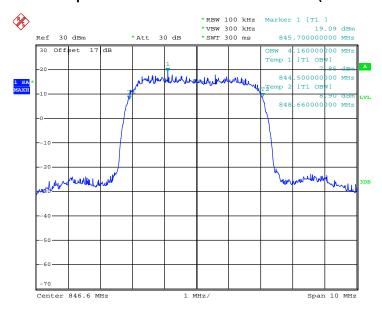


Date: 30.JUN.2013 23:10:28

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 45 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

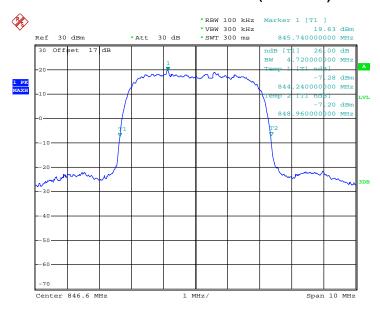


99% Occupied Bandwidth Plot on Channel 4233 (846.6 MHz)



Date: 30.JUN.2013 22:46:41

26dB Bandwidth Plot on Channel 4233 (846.6 MHz)

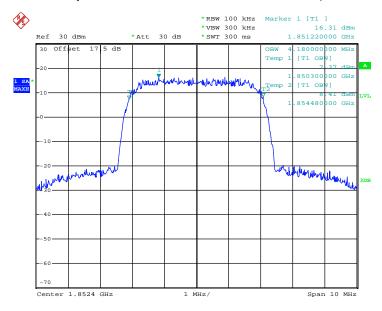


Date: 30.JUN.2013 23:14:46

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 46 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

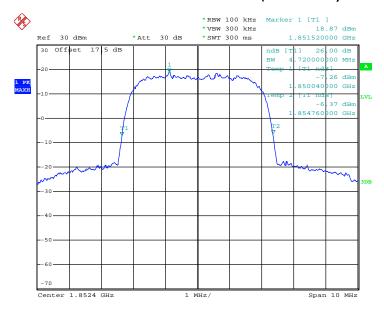
Band: WCDMA Band II Test Mode: RMC 12.2kbps Link (QPSK)

99% Occupied Bandwidth Plot on Channel 9262 (1852.4 MHz)



Date: 1.JUL.2013 00:28:12

26dB Bandwidth Plot on Channel 9262 (1852.4 MHz)

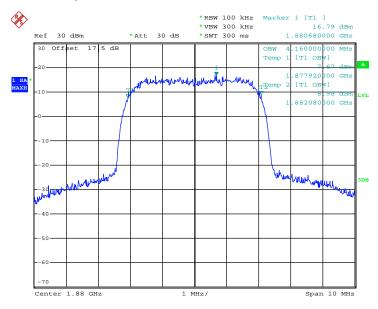


Date: 1.JUL.2013 00:14:59

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 47 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



99% Occupied Bandwidth Plot on Channel 9400 (1880.0 MHz)



Date: 1.JUL.2013 00:29:39

26dB Bandwidth Plot on Channel 9400 (1880.0 MHz)

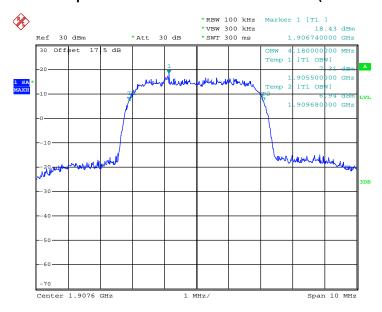


Date: 1.JUL.2013 00:13:30

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 48 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

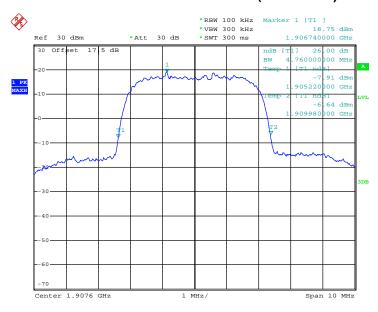


99% Occupied Bandwidth Plot on Channel 9538 (1907.6 MHz)



Date: 1.JUL.2013 00:35:01

26dB Bandwidth Plot on Channel 9538 (1907.6 MHz)



Date: 1.JUL.2013 00:10:17

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 49 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.5 Band Edge Measurement

3.5.1 Description of Band Edge Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

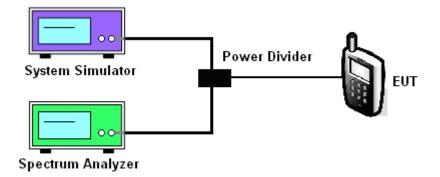
3.5.2 Measuring Instruments

See list of measuring instruments of this test report.

3.5.3 Test Procedures

- 1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
- 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. The band edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100.
- 4. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 5. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)
 - = P(W) [43 + 10log(P)] (dB)
 - = [30 + 10log(P)] (dBm) [43 + 10log(P)] (dB)
 - = -13dBm.

3.5.4 Test Setup



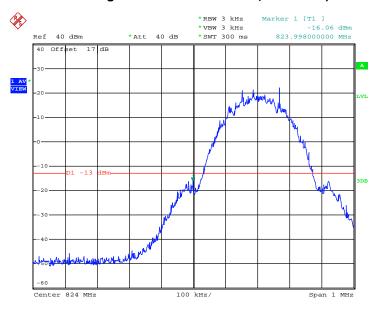
TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW



3.5.5 Test Result (Plots) of Conducted Band Edge

Band :	GSM850	Test Mode :	GSM Link (GMSK)
Correction Factor :	0.17dB	Maximum 26dB Bandwidth :	0.312MHz
Band Edge :	-15.89dBm	Measurement Value :	-16.06dBm

Lower Band Edge Plot on Channel 128 (824.2 MHz)



Date: 30.JUN.2013 18:50:15

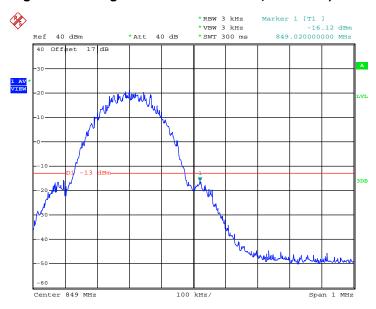
- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

For example, -16.06dBm + 0.17dB = -15.89dBm

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 51 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	GSM850	Test Mode :	GSM Link (GMSK)
Correction Factor :	0.17dB	Maximum 26dB Bandwidth :	0.312MHz
Band Edge :	-15.95dBm	Measurement Value :	-16.12dBm

Higher Band Edge Plot on Channel 251 (848.8 MHz)



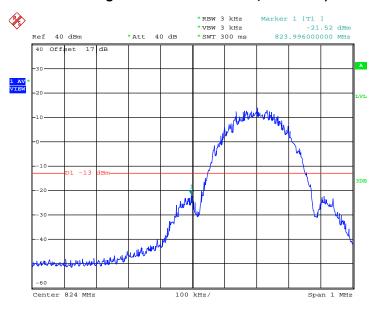
Date: 30.JUN.2013 19:04:25

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 52 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	GSM850	Test Mode :	EDGE class 8 Link (8PSK)
Correction Factor :	0.11dB	Maximum 26dB Bandwidth :	0.308MHz
Band Edge :	-21.41dBm	Measurement Value :	-21.52dBm

Lower Band Edge Plot on Channel 128 (824.2 MHz)



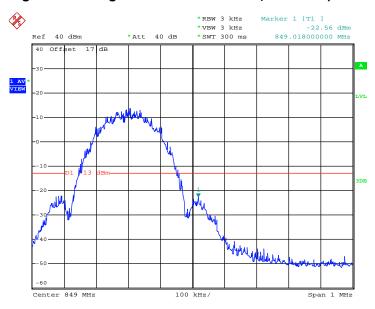
Date: 30.JUN.2013 21:47:08

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW

Band :	GSM850	Test Mode :	EDGE class 8 Link (8PSK)
Correction Factor :	0.11dB	Maximum 26dB Bandwidth :	0.308MHz
Band Edge :	-22.45dBm	Measurement Value :	-22.56dBm

Higher Band Edge Plot on Channel 251 (848.8 MHz)



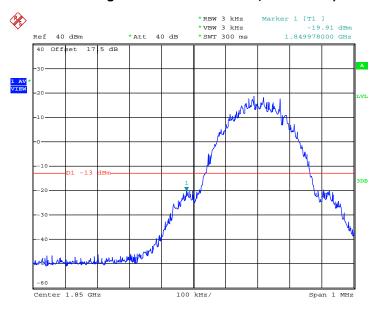
Date: 30.JUN.2013 21:53:51

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 54 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	GSM1900	Test Mode :	GSM Link (GMSK)
Correction Factor :	0.23dB	Maximum 26dB Bandwidth :	0.316MHz
Band Edge :	-19.68dBm	Measurement Value :	-19.91dBm

Lower Band Edge Plot on Channel 512 (1850.2 MHz)



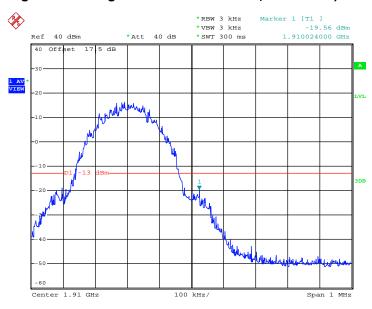
Date: 30.JUN.2013 20:09:57

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 55 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	GSM1900	Test Mode :	GSM Link (GMSK)
Correction Factor :	0.23dB	Maximum 26dB Bandwidth :	0.316MHz
Band Edge :	-19.33dBm	Measurement Value :	-19.56dBm

Higher Band Edge Plot on Channel 810 (1909.8 MHz)



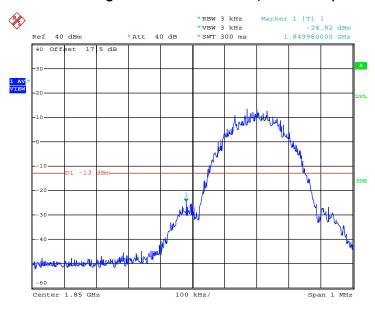
Date: 30.JUN.2013 20:14:15

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 56 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	GSM1900	Test Mode :	EDGE class 8 Link (8PSK)
Correction Factor :	0.20dB	Maximum 26dB Bandwidth:	0.314MHz
Band Edge :	-24.62dBm	Measurement Value :	-24.82dBm

Lower Band Edge Plot on Channel 512 (1850.2 MHz)



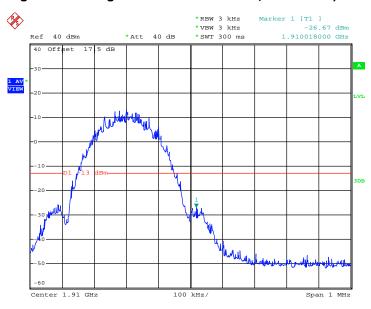
Date: 30.JUN.2013 20:23:52

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 57 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	GSM1900	Test Mode :	EDGE class 8 Link (8PSK)
Correction Factor :	0.20dB	Maximum 26dB Bandwidth :	0.314MHz
Band Edge :	-26.47dBm	Measurement Value :	-26.67dBm

Higher Band Edge Plot on Channel 810 (1909.8 MHz)



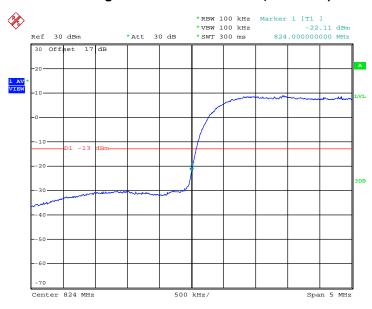
Date: 30.JUN.2013 20:18:52

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 58 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	WCDMA Band V	Test Mode :	RMC 12.2kbps Link (QPSK)
Correction Factor :	-3.26dB	Maximum 26dB Bandwidth :	4.720MHz
Band Edge :	-25.37dBm	Measurement Value :	-22.11dBm

Lower Band Edge Plot on Channel 4132 (826.4 MHz)



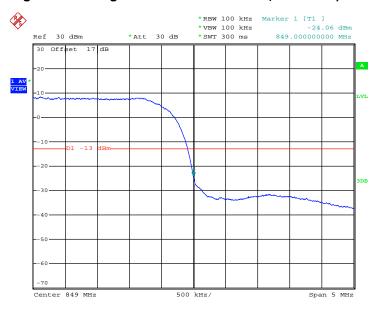
Date: 30.JUN.2013 23:23:46

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 59 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	WCDMA Band V	Test Mode :	RMC 12.2kbps Link (QPSK)
Correction Factor:	-3.26dB	Maximum 26dB Bandwidth :	4.720MHz
Band Edge :	-27.32dBm	Measurement Value :	-24.06dBm

Higher Band Edge Plot on Channel 4233 (846.6 MHz)



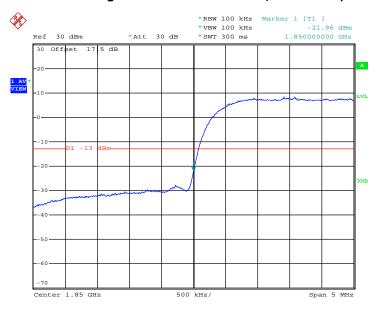
Date: 30.JUN.2013 23:18:05

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 60 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	WCDMA Band II	Test Mode :	RMC 12.2kbps Link (QPSK)
Correction Factor:	-3.22dB	Maximum 26dB Bandwidth:	4.760MHz
Band Edge :	-25.18dBm	Measurement Value :	-21.96dBm

Lower Band Edge Plot on Channel 9262 (1852.4 MHz)



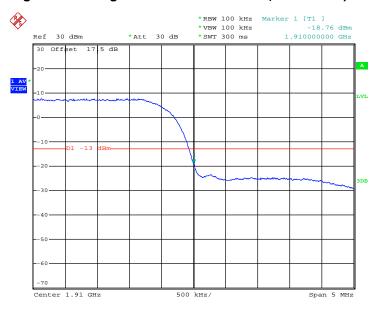
Date: 30.JUN.2013 23:59:53

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 61 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	WCDMA Band II	Test Mode :	RMC 12.2kbps Link (QPSK)
Correction Factor :	-3.22dB	Maximum 26dB Bandwidth :	4.760MHz
Band Edge :	-21.98dBm	Measurement Value :	-18.76dBm

Higher Band Edge Plot on Channel 9538 (1907.6 MHz)



Date: 1.JUL.2013 00:06:25

- 1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
- 2. Band Edge= Measurement Value + Correction Factor(dB)

TEL : 86-755- 3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 62 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.6 Conducted Spurious Emission Measurement

3.6.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

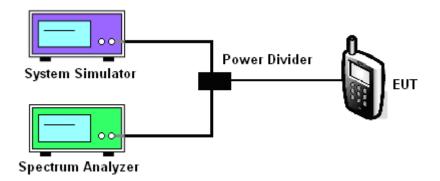
3.6.2 Measuring Instruments

See list of measuring instruments of this test report.

3.6.3 Test Procedures

- 1. The EUT was connected to spectrum analyzer and base station via power divider.
- The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
 The path loss was compensated to the results for each measurement.
- 3. The middle channel for the highest RF power within the transmitting frequency was measured.
- 4. The conducted spurious emission for the whole frequency range was taken.

3.6.4 Test Setup



TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 63 of 99
Report Issued Date : Jul. 17, 2013

Report No.: FG362605

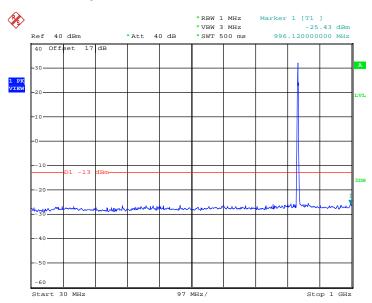
Report Version : Rev. 01



3.6.5 Test Result (Plots) of Conducted Spurious Emission

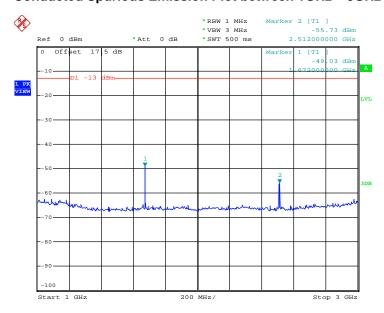
Band :	GSM850	Channel:	CH189
Test Mode :	GSM Link (GMSK)	Frequency:	836.4 MHz

Conducted Spurious Emission Plot between 30MHz ~ 1GHz



Date: 30.JUN.2013 19:28:33

Conducted Spurious Emission Plot between 1GHz ~ 3GHz

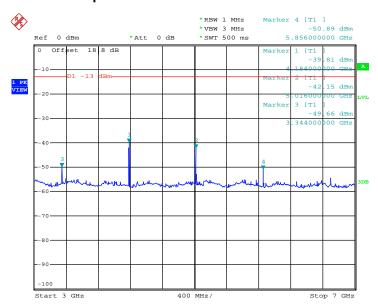


Date: 30.JUN.2013 19:31:26

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 64 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

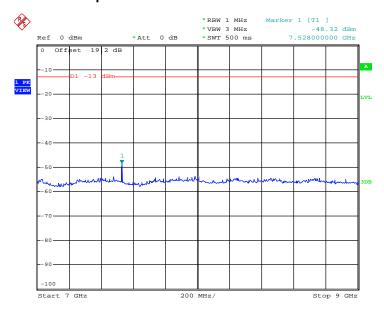


Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 30.JUN.2013 19:32:46

Conducted Spurious Emission Plot between 7GHz ~ 9GHz



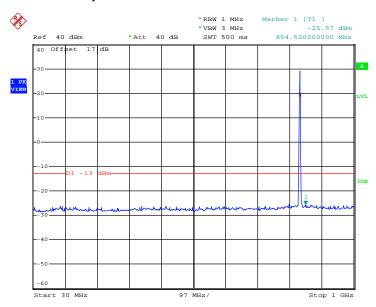
Date: 30.JUN.2013 19:34:00

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 65 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



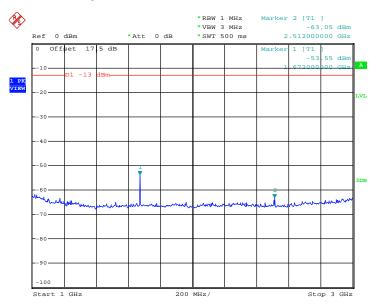
Band :	GSM850	Channel:	CH189
Test Mode :	EDGE class 8 Link (8PSK)	Frequency:	836.4 MHz

Conducted Spurious Emission Plot between 30MHz ~ 1GHz



Date: 30.JUN.2013 21:16:43

Conducted Spurious Emission Plot between 1GHz ~ 3GHz

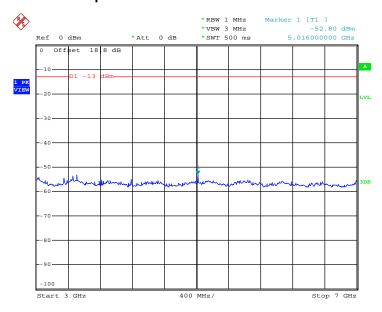


Date: 30.JUN.2013 21:08:29

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 66 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

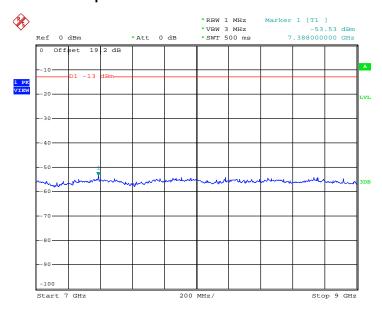


Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 30.JUN.2013 21:10:52

Conducted Spurious Emission Plot between 7GHz ~ 9GHz



Date: 30.JUN.2013 21:12:11

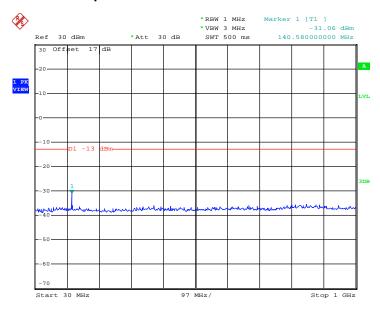
TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 67 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



Band :	GSM1900	Channel:	CH661
Test Mode :	GSM Link (GMSK)	Frequency:	1880.0 MHz

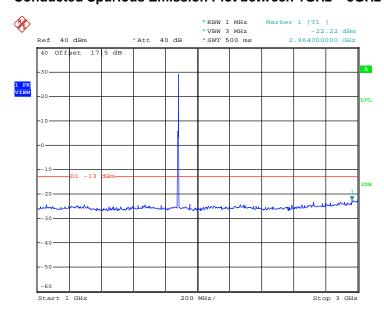
Conducted Spurious Emission Plot between 30MHz ~ 1GHz

Report No.: FG362605



Date: 8.JUL.2013 20:06:37

Conducted Spurious Emission Plot between 1GHz ~ 3GHz



Page Number

Report Version

: 68 of 99

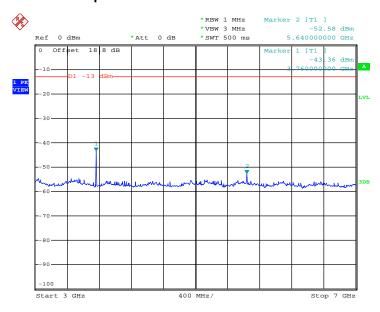
: Rev. 01

Report Issued Date : Jul. 17, 2013

Date: 8.JUL.2013 20:08:50

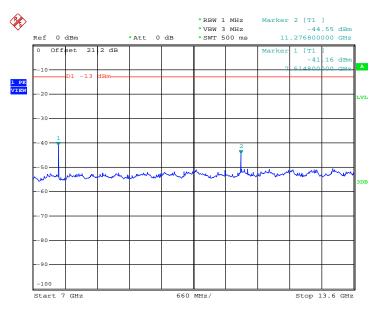


Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 30.JUN.2013 19:38:45

Conducted Emission Plot between 7GHz ~ 13.6GHz

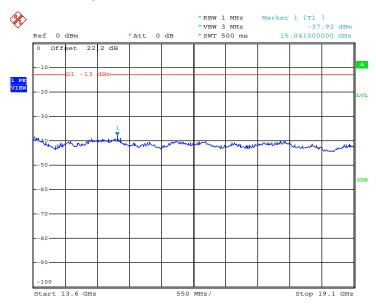


Date: 30.JUN.2013 19:40:35

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 69 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



Conducted Spurious Emission Plot between 13.6GHz ~ 19.1GHz



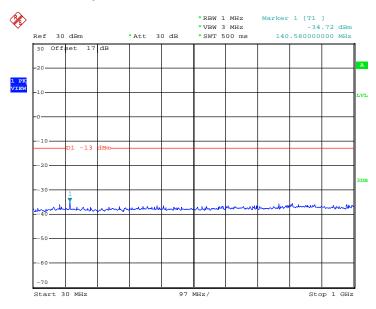
Date: 30.JUN.2013 19:42:17

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 70 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



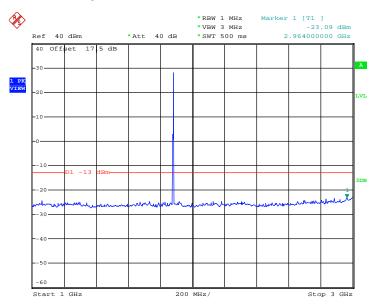
Band :	GSM1900	Channel:	CH661
Test Mode :	EDGE class 8 Link (8PSK)	Frequency:	1880.0 MHz

Conducted Spurious Emission Plot between 30MHz ~ 1GHz



Date: 30.JUN.2013 20:52:26

Conducted Spurious Emission Plot between 1GHz ~ 3GHz

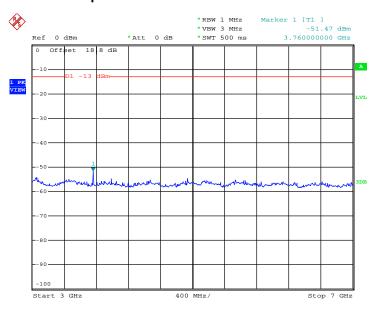


Date: 30.JUN.2013 20:55:17

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 71 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

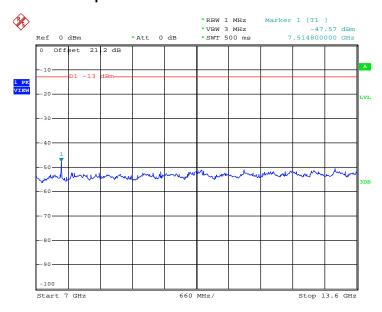


Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 30.JUN.2013 20:58:11

Conducted Spurious Emission Plot between 7GHz ~ 13.6GHz



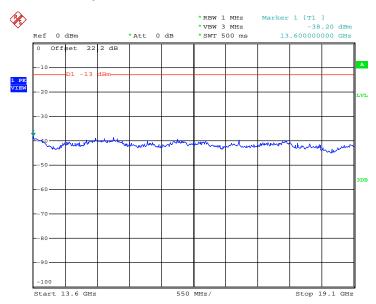
Date: 30.JUN.2013 20:59:39

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 72 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



Report No. : FG362605

Conducted Spurious Emission Plot between 13.6GHz ~ 19.1GHz



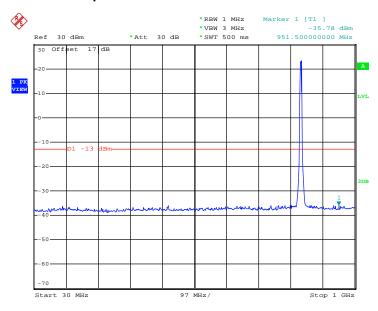
Date: 30.JUN.2013 21:01:31

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 73 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



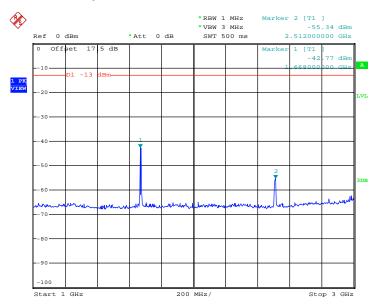
Band :	WCDMA Band V	Channel:	CH4182
Test Mode :	RMC 12.2kbps Link (QPSK)	Frequency:	836.4 MHz

Conducted Spurious Emission Plot between 30MHz ~ 1GHz



Date: 30.JUN.2013 23:29:29

Conducted Spurious Emission Plot between 1GHz ~ 3GHz



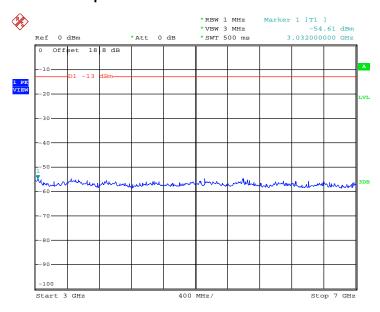
Date: 30.JUN.2013 23:33:08

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 74 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



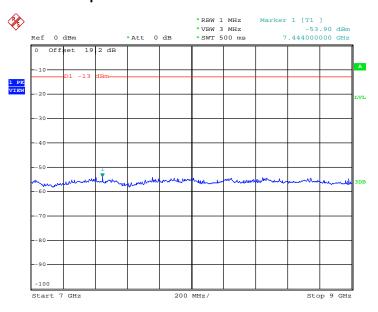
Report No.: FG362605

Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 30.JUN.2013 23:34:39

Conducted Spurious Emission Plot between 7GHz ~ 9GHz



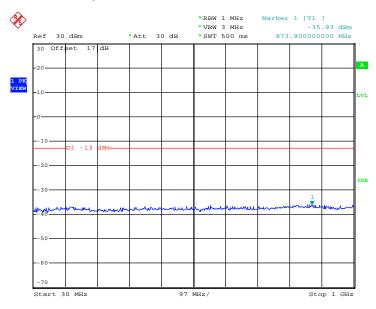
Date: 30.JUN.2013 23:35:56

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 75 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



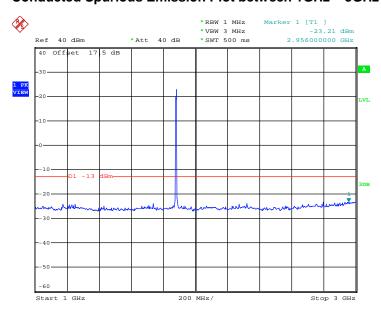
Band :	WCDMA Band II	Channel:	CH9400
Test Mode :	RMC 12.2kbps Link (QPSK)	Frequency:	1880.0 MHz

Conducted Spurious Emission Plot between 30MHz ~ 1GHz



Date: 30.JUN.2013 23:51:30

Conducted Spurious Emission Plot between 1GHz ~ 3GHz



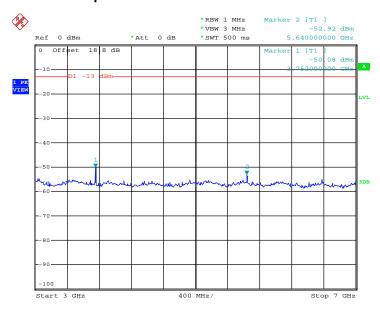
Date: 30.JUN.2013 23:53:58

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 76 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



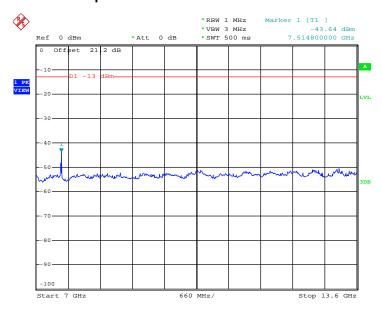
Report No. : FG362605

Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 30.JUN.2013 23:44:30

Conducted Spurious Emission Plot between 7GHz ~ 13.6GHz



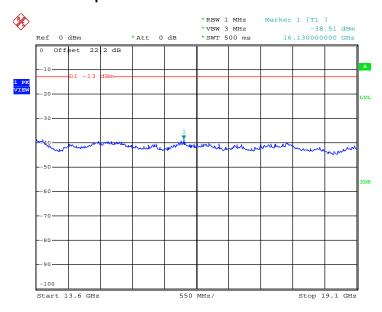
Date: 30.JUN.2013 23:46:41

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 77 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



Report No. : FG362605

Conducted Spurious Emission Plot between 13.6GHz ~ 19.1GHz



Date: 30.JUN.2013 23:48:54

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 78 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

3.7 Field Strength of Spurious Radiation Measurement

3.7.1 Description of Field Strength of Spurious Radiated Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.7.2 Measuring Instruments

See list of measuring instruments of this test report.

3.7.3 Test Procedures

- The EUT was placed on a rotatable wooden table with 0.8 meter above ground.
- 2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
- 4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
- 5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
- 6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
- 7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
- 8. Taking the record of output power at antenna port.
- 9. Repeat step 7 to step 8 for another polarization.
- The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 11. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)
 - = P(W) [43 + 10log(P)] (dB)
 - = [30 + 10log(P)] (dBm) [43 + 10log(P)] (dB)
 - = -13dBm.
- 12. EIRP (dBm) = S.G. Power Tx Cable Loss + Tx Antenna Gain
- 13. ERP (dBm) = EIRP 2.15

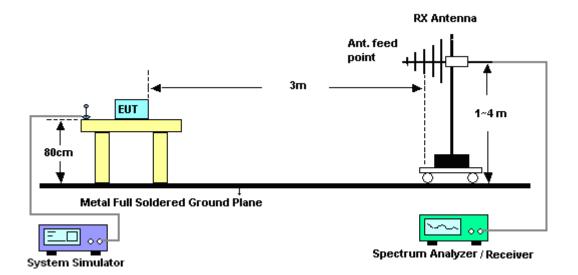
FCC ID: YHLBLULIFEVIEW



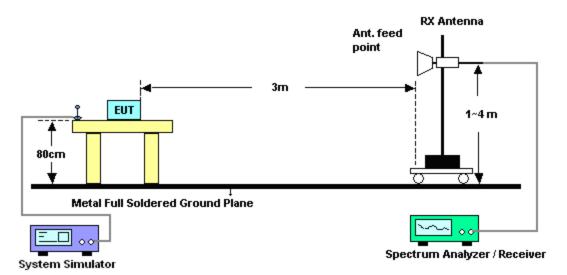
Report No.: FG362605

3.7.4 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



SPORTON INTERNATIONAL (SHENZHEN) INC.

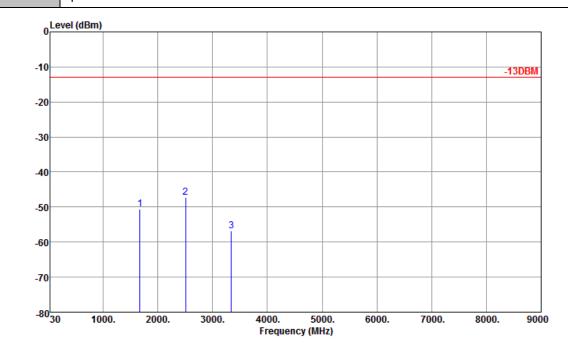
TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 80 of 99 Report Issued Date : Jul. 17, 2013 Report Version : Rev. 01



3.7.5 Test Result of Field Strength of Spurious Radiated

Band :	GSM850	Temperature :	23~25°C				
Test Mode :	GSM Link (GMSK)	Relative Humidity :	49~51%				
Test Engineer :	Zhongshuang Zhang	Polarization :	Horizontal				
Remark ·	Spurious emissions within 30-1000MHz were found more than 20dB below limit line						

Report No.: FG362605



Site : 03CH01-SZ

Condition : -13DBM HF_EIRP_H_130101 HORIZONTAL

: (FG)362605 Project

Frequ	uency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
				Limit	Reading	Power	loss	Gain		
(M	Hz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
16	572	-50.60	-13	-37.60	-65.18	-53.57	0.88	6.00	Н	Pass
25	510	-47.15	-13	-34.15	-69.66	-49.76	1.08	5.84	Н	Pass
33	345	-56.82	-13	-43.82	-67.42	-61.19	1.14	7.66	Н	Pass

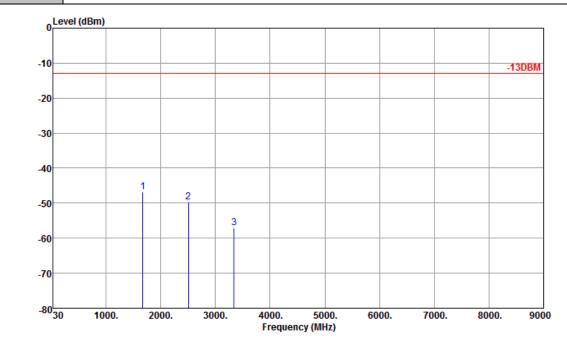
Page Number

: 81 of 99

: Rev. 01

TEL: 86-755-3320-2398 Report Issued Date: Jul. 17, 2013 FCC ID : YHLBLULIFEVIEW Report Version

Band :	GSM850	Temperature :	23~25°C				
Test Mode :	GSM Link (GMSK)	Relative Humidity :	49~51%				
Test Engineer :	Zhongshuang Zhang	Polarization :	Vertical				
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.						



Site : 03CH01-SZ

: -13DBM HF_EIRP_V_130101 VERTICAL : (FG)362605 Condition

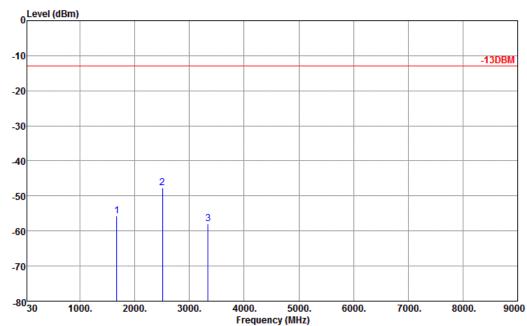
Project

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-46.80	-13	-33.80	-59.76	-49.77	0.88	6.00	V	Pass
2510	-49.69	-13	-36.69	-69.71	-52.30	1.08	5.84	V	Pass
3345	-57.03	-13	-44.03	-68.86	-61.40	1.14	7.66	V	Pass

TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 82 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01

Band :	GSM850	Temperature :	23~25°C				
Test Mode :	EDGE class 8 Link (8PSK)	Relative Humidity :	49~51%				
Test Engineer :	Zhongshuang Zhang	Polarization :	Horizontal				
Damaris .	Solutions agriculture within 20 4000MHz were found more than 20 dD below limit line						

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



: 03CH01-SZ Site

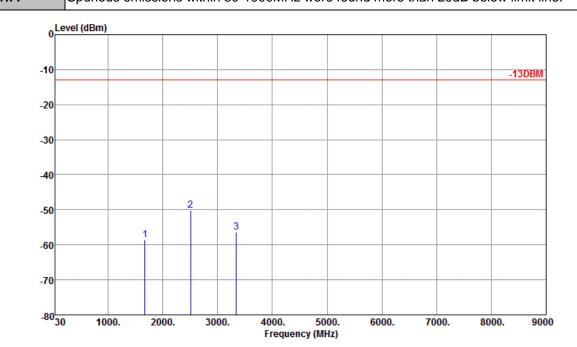
: -13DBM HF_EIRP_H_130101 HORIZONTAL : (FG)362605 Condition

Project

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-55.67	-13	-42.67	-68.59	-58.64	0.88	6.00	Н	Pass
2510	-47.75	-13	-34.75	-69.97	-50.36	1.08	5.84	Н	Pass
3345	-57.89	-13	-44.89	-68.49	-62.26	1.14	7.66	Н	Pass

TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 83 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01

Band :	GSM850	Temperature :	23~25°C				
Test Mode :	EDGE class 8 Link (8PSK)	Relative Humidity :	49~51%				
Test Engineer :	Zhongshuang Zhang	Polarization :	Vertical				
Remark ·	Spurious emissions within 30-1000MHz were found more than 20dB below limit line						



Site : 03CH01-SZ

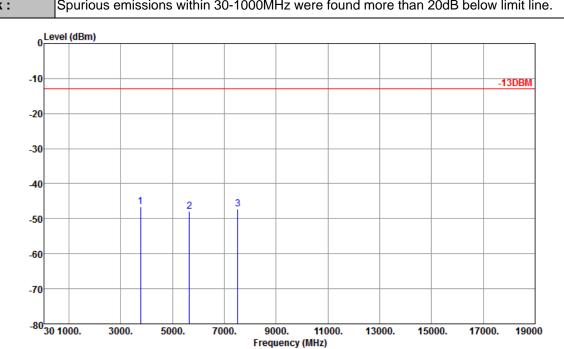
: -13DBM HF_EIRP_V_130101 VERTICAL : (FG)362605 Condition

Project

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-58.69	-13	-45.69	-69.32	-61.66	0.88	6.00	V	Pass
2510	-50.23	-13	-37.23	-70.03	-52.84	1.08	5.84	V	Pass
3345	-56.45	-13	-43.45	-68.28	-60.82	1.14	7.66	V	Pass

TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 84 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01

Band :	GSM1900	Temperature :	23~25°C
Test Mode :	GSM Link (GMSK)	Relative Humidity :	49~51%
Test Engineer :	Zhongshuang Zhang	Polarization :	Horizontal
Domark :	Spurious amissions within 20 1000MHz	were found more the	n 20dP holow limit line



Site : 03CH01-SZ

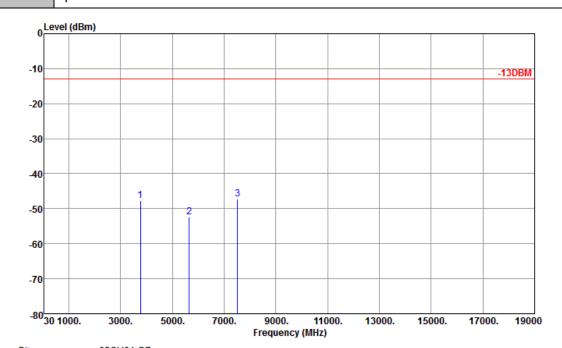
Condition : -13DBM HF_EIRP_H_130101 HORIZONTAL

Project : (FG)362605

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-46.64	-13	-33.64	-61.20	-53.38	1.28	8.02	Н	Pass
5640	-47.86	-13	-34.86	-65.85	-56.28	1.58	10.00	Н	Pass
7520	-47.31	-13	-34.31	-69.25	-57.63	1.78	12.10	Н	Pass

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 85 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	GSM1900	Temperature :	23~25°C				
Test Mode :	GSM Link (GMSK)	Relative Humidity :	49~51%				
Test Engineer :	Zhongshuang Zhang	Polarization :	Vertical				
Remark:	Spurious emissions within 30-1000MHz were found more than 20dB below limit line						



Site

: 03CH01-SZ : -13DBM HF_EIRP_V_130101 VERTICAL : (FG)362605 Condition

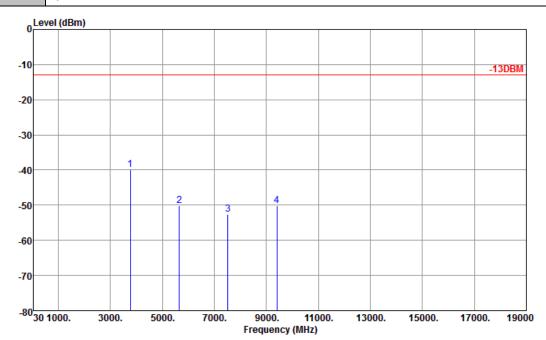
Project

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-47.69	-13	-34.69	-62.72	-54.43	1.28	8.02	V	Pass
5640	-52.36	-13	-39.36	-69.44	-60.78	1.58	10	V	Pass
7520	-47.20	-13	-34.20	-69.45	-57.52	1.78	12.1	V	Pass

TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 86 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01

Band :	GSM1900	Temperature :	23~25°C
Test Mode :	EDGE class 8 Link (8PSK)	Relative Humidity :	49~51%
Test Engineer :	Zhongshuang Zhang	Polarization :	Horizontal

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



Site : 03CH01-SZ

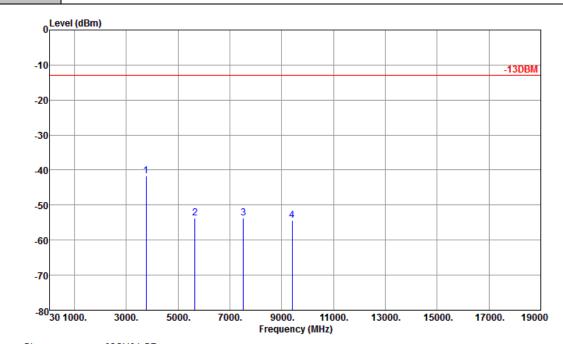
Condition : -13DBM HF_EIRP_H_130101 HORIZONTAL

Project : (FG)362605

ı	Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
ı				Limit	Reading	Power	loss	Gain		
	(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
Γ	3760	-39.89	-13	-26.89	-56.15	-46.63	1.28	8.02	Н	Pass
	5640	-50.15	-13	-37.15	-68.14	-58.57	1.58	10.00	Н	Pass
	7520	-52.66	-13	-39.66	-74.60	-62.98	1.78	12.10	Н	Pass
	9400	-50.08	-13	-37.08	-72.20	-60.86	2.22	13.00	Н	Pass

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 87 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	GSM1900	Temperature :	23~25°C					
Test Mode :	EDGE class 8 Link (8PSK)	Relative Humidity :	49~51%					
Test Engineer :	Zhongshuang Zhang	Polarization :	Vertical					
Remark ·	Sourious emissions within 30-1000MHz were found more than 20dB below limit line							



Site

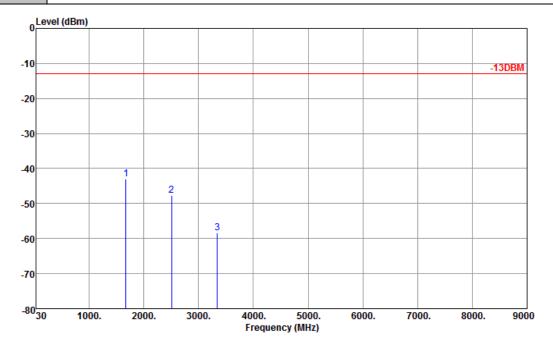
: 03CH01-SZ : -13DBM HF_EIRP_V_130101 VERTICAL : (FG)362605 Condition

Project

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-41.72	-13	-28.72	-58.37	-48.46	1.28	8.02	V	Pass
5640	-53.73	-13	-40.73	-70.81	-62.15	1.58	10	V	Pass
7520	-53.72	-13	-40.72	-75.97	-64.04	1.78	12.1	V	Pass
9400	-54.37	-13	-41.37	-77.99	-65.15	2.22	13	V	Pass

TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 88 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01

Band :	WCDMA Band V	Temperature :	23~25°C					
Test Mode :	RMC 12.2kbps Link (QPSK)	Relative Humidity :	49~51%					
Test Engineer :	Zhongshuang Zhang	Polarization :	Horizontal					
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.							



Site : 03CH01-SZ

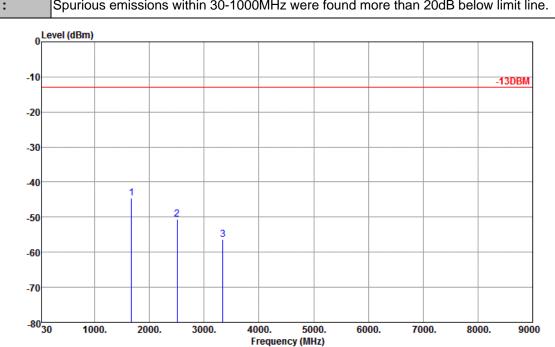
Condition : -13DBM HF_EIRP_H_130101 HORIZONTAL

Project : (FG)362605

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-42.91	-13	-29.91	-59.19	-45.88	0.88	6.00	Н	Pass
2510	-47.73	-13	-34.73	-69.96	-50.34	1.08	5.84	Н	Pass
3345	-58.44	-13	-45.44	-69.04	-62.81	1.14	7.66	Н	Pass

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 89 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	WCDMA Band V	Temperature :	23~25°C				
Test Mode :	RMC 12.2kbps Link (QPSK)	Relative Humidity :	49~51%				
Test Engineer :	Zhongshuang Zhang	Polarization :	Vertical				
Pomark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line						



Site : 03CH01-SZ

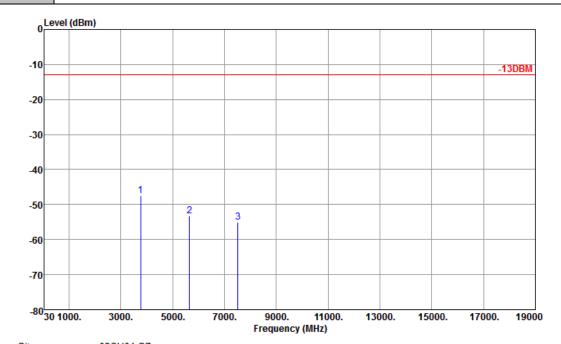
Condition : -13DBM HF_EIRP_V_130101 VERTICAL

Project : (FG)362605

Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-44.66	-13	-31.66	-58.13	-47.63	0.88	6.00	V	Pass
2510	-50.67	-13	-37.67	-70.27	-53.28	1.08	5.84	V	Pass
3345	-56.31	-13	-43.31	-68.14	-60.68	1.14	7.66	V	Pass

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 90 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

Band :	WCDMA Band II	Temperature :	23~25°C						
Test Mode :	RMC 12.2kbps Link (QPSK)	Relative Humidity :	49~51%						
Test Engineer :	Zhongshuang Zhang	Polarization :	Horizontal						
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								



Site : 03CH01-SZ

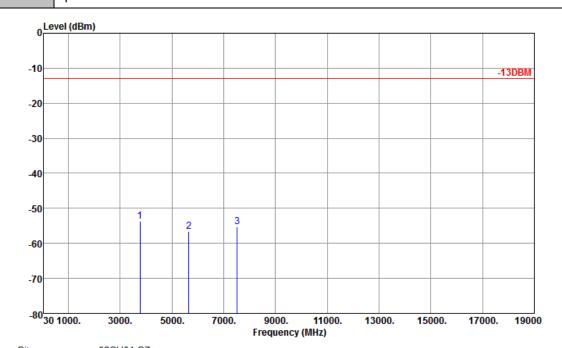
: -13DBM HF_EIRP_H_130101 HORIZONTAL : (FG)362605 Condition

Project

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-47.54	-13	-34.54	-61.88	-54.28	1.28	8.02	Н	Pass
5640	-53.24	-13	-40.24	-71.23	-61.66	1.58	10.00	Н	Pass
7520	-55.07	-13	-42.07	-77.01	-65.39	1.78	12.10	Н	Pass

TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 91 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01

Band :	WCDMA Band II	Temperature :	23~25°C	
Test Mode :	RMC 12.2kbps Link (QPSK)	Relative Humidity :	49~51%	
Test Engineer :	Zhongshuang Zhang	Polarization :	Vertical	
Remark:	Spurious emissions within 30-1000MHz were found more than 20dB below limit line			



: 03CH01-SZ Site

: -13DBM HF_EIRP_V_130101 VERTICAL : (FG)362605 Condition

Project

Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-53.75	-13	-40.75	-68.78	-60.49	1.28	8.02	V	Pass
5640	-56.65	-13	-43.65	-73.73	-65.07	1.58	10	V	Pass
7520	-55.35	-13	-42.35	-77.6	-65.67	1.78	12.1	V	Pass

TEL: 86-755-3320-2398 FCC ID : YHLBLULIFEVIEW Page Number : 92 of 99 Report Issued Date: Jul. 17, 2013 Report Version : Rev. 01

3.8 Frequency Stability Measurement

3.8.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

3.8.2 Measuring Instruments

See list of measuring instruments of this test report.

3.8.3 Test Procedures for Temperature Variation

- 1. The EUT was set up in the thermal chamber and connected with the base station.
- With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
- 3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.
- 4. If the EUT cannot be turned on at -30°C, the testing lowest temperature will be raised in 10°C step until the EUT can be turned on.

3.8.4 Test Procedures for Voltage Variation

- 1. The EUT was placed in a temperature chamber at 25±5° C and connected with the base station.
- 2. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
- 3. The variation in frequency was measured for the worst case.

FCC ID : YHLBLULIFEVIEW

Page Number : 93 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



Report No. : FG362605

3.8.5 Test Setup



TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 94 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

3.8.6 Test Result of Temperature Variation

Band :	GSM 850	Channel:	189
Limit (ppm) :	2.5	Frequency:	836.4 MHz

- ,	GS	SM	EDGE		
Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	14	+0.02	14	+0.02	
-20	14	+0.02	14	+0.02	
-10	13	+0.02	13	+0.02	
0	12	+0.01	12	+0.01	
10	10	+0.01	13	+0.02	
20	10	+0.01	13	+0.02	PASS
30	11	+0.01	15	+0.02	
40	13	+0.02	16	+0.02	
50	16	+0.02	16	+0.02	
55	17	+0.02	17	+0.02	

Note: The manufacturer declared that the EUT could work properly at temperature 55°C.

Band :	GSM 1900	Channel:	661
Limit (ppm):	2.5	Frequency:	1880.0 MHz

	GS	SM	EDGE		
Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	-34	-0.02	-27	-0.01	
-20	-32	-0.02	-27	-0.01	
-10	-33	-0.02	-26	-0.01	
0	-32	-0.02	-26	-0.01	
10	-31	-0.02	-25	-0.01	
20	-31	-0.02	-25	-0.01	PASS
30	-30	-0.02	-25	-0.01	
40	-32	-0.02	-26	-0.01	
50	-30	-0.02	-26	-0.01	
55	-28	-0.01	-26	-0.01	

Note: The manufacturer declared that the EUT could work properly at temperature 55°C.

SPORTON INTERNATIONAL (SHENZHEN) INC.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 95 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01

FCC RF Test Report

Band :	WCDMA Band V	Channel:	4182
Limit (ppm) :	2.5	Frequency:	836.4 MHz

_	RMC 12		
Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	11	+0.01	
-20	11	+0.01	
-10	10	+0.01	
0	11	+0.01	
10	10	+0.01	
20	10	+0.01	PASS
30	10	+0.01	
40	11	+0.01	
50	10	+0.01	
55	11	+0.01	

Note: The manufacturer declared that the EUT could work properly at temperature 55°C.

Band :	WCDMA Band II	Channel:	9400
Limit (ppm):	2.5	Frequency:	1880.0 MHz

- ,	RMC 12		
Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	19	+0.01	
-20	18	+0.01	
-10	19	+0.01	
0	19	+0.01	
10	20	+0.01	
20	20	+0.01	PASS
30	20	+0.01	
40	19	+0.01	
50	18	+0.01	
55	20	+0.01	

Note: The manufacturer declared that the EUT could work properly at temperature 55°C.

SPORTON INTERNATIONAL (SHENZHEN) INC.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 96 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



3.8.7 Test Result of Voltage Variation

Band & Channel	Mode	Voltage (Volt)	Freq. Dev. (Hz)	Deviation (ppm)	Limit (ppm)	Result
		3.7	10	+0.01		
	GSM	BEP	11	+0.01		
GSM 850		4.2	13	+0.02		
CH189		3.7	13	+0.02		
	EDGE class 8	BEP	15	+0.02		
	Class 0	4.2	15	+0.02		
	GSM	3.7	-31	-0.02		
		BEP	-32	-0.02		
GSM 1900		4.2	-32	-0.02	2.5	PASS
CH661		3.7	-25	-0.01		
	EDGE class 8	BEP	-26	-0.01		
	Class 0	4.2	-26	-0.01		
		3.7	10	+0.01		
WCDMA Band V CH4182	RMC 12.2kbps	BEP	10	+0.01		
C114102	12.2000	4.2	11	+0.01		
		3.7	20	+0.01		
WCDMA Band II CH9400	RMC	BEP	19	+0.01		
OI 19400	12.2kbps	4.2	20	+0.01		

Note:

- 1. Normal Voltage = 3.7V.
- 2. Battery End Point (BEP) = 3.6 V.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 97 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSP30	101400	9kHz~30GHz	Mar. 28, 2013	Jun. 30, 2013 ~Jul. 11, 20.13	Mar. 27, 2014	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	N/A	Mar. 28, 2013	Jun. 30, 2013 ~Jul. 11, 20.13	Mar. 27, 2014	Conducted (TH01-SZ)
Power Sensor	Anritsu	MA2411B	1207253	N/A	Mar. 28, 2013	Jun. 30, 2013 ~Jul. 11, 20.13	Mar. 27, 2014	Conducted (TH01-SZ)
Thermal Chamber	Hongzhan	LP-150U	HD20120425	N/A	Mar. 28, 2013	Jun. 30, 2013 ~Jul. 11, 20.13	Mar. 27, 2014	Conducted (TH01-SZ)
ESCI TEST Receiver	R&S	ESCI	100724	9kHz~3GHz	Mar. 28, 2013	Jul. 03, 2013	Mar. 27, 2014	Radiation (03CH01-SZ)
Spectrum Analyzer	R&S	FSP30	101362	9kHz~30GHz	Oct. 11, 2012	Jul. 03, 2013	Oct. 10, 2013	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS Lindgren	3117	00119436	1GHz~18GHz	Oct. 12, 2012	Jul. 03, 2013	Oct. 11, 2013	Radiation (03CH01-SZ)
Bilog Antenna	SCHAFFNER	CBL6112B	2614	30MHz~2GHz	Nov. 03, 2012	Jul. 03, 2013	Nov. 02, 2013	Radiation (03CH01-SZ)
Turn Table	EM Electronice	EM 1000	N/A	0 ~ 360 degree	N/A	Jul. 03, 2013	N/A	Radiation (03CH01-SZ)
Antenna Mast	EM Electronice	EM 1000	N/A	1 m - 4 m	N/A	Jul. 03, 2013	N/A	Radiation (03CH01-SZ)
Amplifier	ADVANTEST	BB525C	E9007003	9kHz~3GHz Gain 30dB	Mar. 28, 2013	Jul. 03, 2013	Mar. 27, 2014	Radiation (03CH01-SZ)
Amplifier	Yiai	AV3860B	04030	2GHz~26.5GHz	Mar. 28, 2013	Jul. 03, 2013	Mar. 27, 2014	Radiation (03CH01-SZ)
SHF-EHF -Horn	Schwarzbeck	BBHA9170	BBHA917024 9	14GHz~40GHz	Nov. 23, 2012	Jul. 03, 2013	Nov. 22, 2013	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHZ	Oct. 22, 2012	Jul. 03, 2013	Oct. 21, 2013	Radiation (03CH01-SZ)

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : 98 of 99
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01



FCC RF Test Report

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of	2.54
Confidence of 95% (U = 2Uc(y))	2.54

Report No. : FG362605

Uncertainty of Radiated Emission Measurement (1 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of	
Confidence of 95%	4.72
(U = 2Uc(y))	

SPORTON INTERNATIONAL (SHENZHEN) INC.Page Number: 99 of 99TEL: 86-755- 3320-2398Report Issued Date: Jul. 17, 2013FCC ID: YHLBLULIFEVIEWReport Version: Rev. 01

Appendix A. Photographs of EUT

Please refer to Sporton report number EP362605 as below.

SPORTON INTERNATIONAL (SHENZHEN) INC.

TEL: 86-755- 3320-2398 FCC ID: YHLBLULIFEVIEW Page Number : A1 of A1
Report Issued Date : Jul. 17, 2013
Report Version : Rev. 01