FCC PART 22H, PART 24E

MEASUREMENT AND TEST REPORT

For

Global Distribution FZE

508/509, The Business Centre Building, Al Hamriya – Bur Dubai, P.O.Box 126963,Dubai, U.A.E

FCC ID: 2ADPL-I121

Report Type:	**Product Type:**
Original Report	MOBILE PHONE

Test Engineer:	Dean Liu
Report Number:	RDG141208003-00C
Report Date:	2014-12-19
Reviewed By:	Sula Huang RF Engineer
Test Laboratory:	Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Puxinhu Industrial Zone, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 www.baclcorp.com.cn

TABLE OF CONTENTS

GENERAL INFORMATION **4**
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) 4
OBJECTIVE 4
RELATED SUBMITTAL(S)/GRANT(S) 4
TEST METHODOLOGY 4
TEST FACILITY 5
SYSTEM TEST CONFIGURATION **6**
JUSTIFICATION 6
EQUIPMENT MODIFICATIONS 6
SUPPORT EQUIPMENT LIST AND DETAILS 6
CONFIGURATION OF TEST SETUP 6
BLOCK DIAGRAM OF TEST SETUP 7
SUMMARY OF TEST RESULTS **8**
FCC §1.1310 & §2.1093- RF EXPOSURE **9**
APPLICABLE STANDARD 9
TEST RESULT 9
FCC §2.1047 - MODULATION CHARACTERISTIC **10**
FCC § 2.1046, § 22.913 (A) & § 24.232 (C) - RF OUTPUT POWER **11**
APPLICABLE STANDARD 11
TEST PROCEDURE 11
TEST EQUIPMENT LIST AND DETAILS 12
TEST DATA 12
FCC §2.1049, §22.917, §22.905 & §24.238 - OCCUPIED BANDWIDTH **14**
APPLICABLE STANDARD 14
TEST PROCEDURE 14
TEST EQUIPMENT LIST AND DETAILS 14
TEST DATA 14
FCC §2.1051, §22.917(A) & §24.238(A) - SPURIOUS EMISSIONS AT ANTENNA TERMINALS **16**
APPLICABLE STANDARD 16
TEST PROCEDURE 16
TEST EQUIPMENT LIST AND DETAILS 16
TEST DATA 16
FCC §2.1053, §22.917 & §24.238 - SPURIOUS RADIATED EMISSIONS **23**
APPLICABLE STANDARD 23
TEST PROCEDURE 23
TEST EQUIPMENT LIST AND DETAILS 23
TEST DATA 24
FCC §22.917(A) & §24.238(A) - BAND EDGES **25**
APPLICABLE STANDARD 25
TEST PROCEDURE 25
TEST EQUIPMENT LIST AND DETAILS 25
TEST DATA 25
FCC §2.1055, §22.355 & §24.235 - FREQUENCY STABILITY **29**
APPLICABLE STANDARD 29

TEST PROCEDURE 29
TEST EQUIPMENT LIST AND DETAILS.....30
TEST DATA 30

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

The *Global Distribution FZE*'s product, model number: *i121 (FCC ID: 2ADPL-I121)* (or the "EUT") in this report was a *MOBILE PHONE*, which was measured approximately: 11 cm (L) x 4.7 cm (W) x 1.5 cm (H), rated input voltage: DC3.7 V rechargeable Li-ion or DC5V charging from adapter.

Adapter information:
Model: TPA-250505CU
Input: AC100-240V, 50/60Hz, 0.2A
Output: DC 5.0V, 0.5A

** All measurement and test data in this report was gathered from production sample serial number: 141208003 (Assigned by BACL. Dongguan). The EUT was received on 2014-12-09.*

Objective

This report is prepared on behalf of *Global Distribution FZE* in accordance with Part 2-Subpart J, Part 22-Subpart H, and Part 24-Subpart E of the Federal Communications Commission's rules.

The objective is to determine compliance with FCC rules for output power, modulation characteristic, occupied bandwidth, spurious emissions at antenna terminal, spurious radiated emission, frequency stability and band edge.

Related Submittal(s)/Grant(s)

FCC Part 15B JBP submissions with FCC ID: 2ADPL-I121.
FCC Part15C DSS submissions with FCC ID: 2ADPL-I121.

Test Methodology

All tests and measurements indicated in this document were performed in accordance with the Code of Federal Regulations Title 47 Part 2, Sub-part J as well as the following parts:

Part 22 Subpart H - Public Mobile Services
Part 24 Subpart E - Personal Communication Services

Applicable Standards: TIA/EIA 603-D-2010, ANSI C63.4-2003.

All radiated and conducted emissions measurements were performed at Bay Area Compliance Laboratories Corp.(Dongguan).

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industrial Zone, Tangxia, Dongguan, Guangdong, China

Test site at Bay Area Compliance Laboratories Corp. (Dongguan) has been fully described in reports submitted to the Federal Communications Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on February 02, 2012. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2003.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 273710. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

SYSTEM TEST CONFIGURATION

Justification

The EUT was configured for testing according to TIA/EIA-603-D-2010.

The test items were performed with the EUT operating at testing mode.

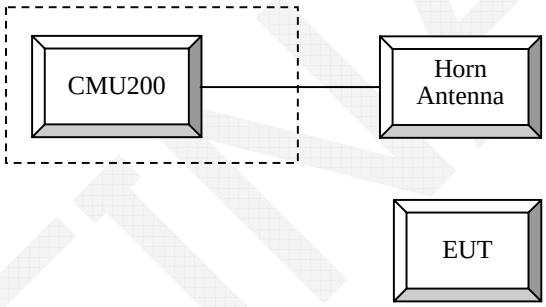
Equipment Modifications

No modification was made to the EUT.

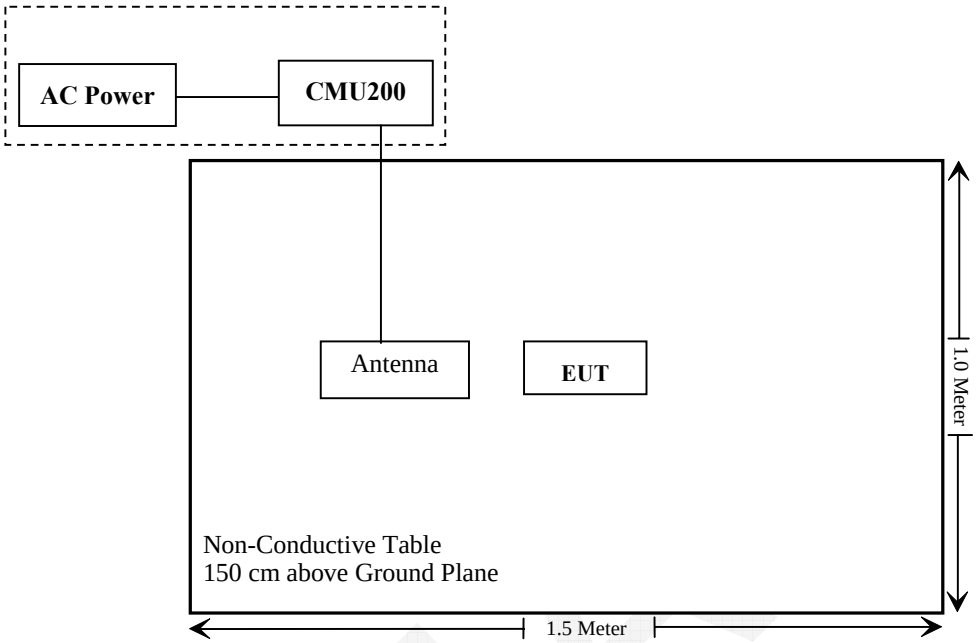
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
R & S	Universal Radio Communication Tester	CMU200	109038

Configuration of Test Setup



Block Diagram of Test Setup



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1310, §2.1093	RF Exposure	Compliance
§2.1046; § 22.913 (a); § 24.232 (c)	RF Output Power	Compliance
§ 2.1047	Modulation Characteristics	Not Applicable
§ 2.1049; § 22.905 § 22.917; § 24.238	Occupied Bandwidth	Compliance
§ 2.1051, § 22.917 (a); § 24.238 (a)	Spurious Emissions at Antenna Terminal	Compliance
§ 2.1053 § 22.917 (a); § 24.238 (a)	Field Strength of Spurious Radiation	Compliance
§ 22.917 (a); § 24.238 (a)	Out of band emission, Band Edge	Compliance
§ 2.1055 § 22.355; § 24.235	Frequency stability vs. temperature Frequency stability vs. voltage	Compliance

FCC §1.1310 & §2.1093- RF EXPOSURE

Applicable Standard

FCC§1.1310 and §2.1093.

Test Result

Compliant, please refer to the SAR report: RDG141208003-20.

FCC §2.1047 - MODULATION CHARACTERISTIC

According to FCC § 2.1047(d), Part 22H & 24E there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

FCC § 2.1046, § 22.913 (a) & § 24.232 (c) - RF OUTPUT POWER

Applicable Standard

According to FCC §2.1046 and §22.913 (a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC §2.1046 and §24.232 (C), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications..

Test Procedure

GSM

Function: Menu select > GSM Mobile Station > GSM 850/1900
Press Connection control to choose the different menus
Press RESET > choose all the reset all settings
Connection Press Signal Off to turn off the signal and change settings
Network Support > GSM + only
MS Signal
> 33 dBm for GSM 850
> 30 dBm for GSM 1900
BS Signal Enter the same channel number for TCH channel (test channel) and BCCH channel
Frequency Offset > + 0 Hz
Mode > BCCH and TCH
BCCH Level > -85 dBm (May need to adjust if link is not stabe)
BCCH Channel > choose desire test channel [Enter the same channel number for TCH channel (test channel) and BCCH channel]
Channel Type > Off
P0 > 4 dB
TCH > choose desired test channel
Hopping > Off
AF/RF Enter appropriate offsets for Ext. Att. Output and Ext. Att. Input
Connection Press Signal on to turn on the signal and change settings

GPRS

Function: Menu select > GSM Mobile Station > GSM 850/1900
Press Connection control to choose the different menus
Press RESET > choose all the reset all settings
Connection Press Signal Off to turn off the signal and change settings
Network Support > GSM + GPRS or GSM + EGSM
Main Service > Packet Data
Service selection > Test Mode A – Auto Slot Config. off
MS Signal Press Slot Config Bottom on the right twice to select and change the number of time slots and power setting
> Slot configuration > Uplink/Gamma
> 33 dBm for GPRS 850
> 30 dBm for GPRS 1900
BS Signal Enter the same channel number for TCH channel (test channel) and BCCH channel
Frequency Offset > + 0 Hz
Mode > BCCH and TCH
BCCH Level > -85 dBm (May need to adjust if link is not stabe)
BCCH Channel > choose desire test channel [Enter the same channel number for TCH channel (test channel) and BCCH channel]

Channel Type > Off
P0 > 4 dB
Slot Config > Unchanged (if already set under MS signal)
TCH > choose desired test channel
Hopping > Off
Main Timeslot > 3
Network Coding Scheme > CS4 (GPRS)
Bit Stream > 2E9-1 PSR Bit Stream
AF/RF Enter appropriate offsets for Ext. Att. Output and Ext. Att. Input
Connection Press Signal on to turn on the signal and change settings

Radiated method:

ANSI/TIA 603-D section 2.2.17

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2014-05-09	2015-05-09
Sunol Sciences	Antenna	JB3	A060611-3	2014-07-28	2017-07-27
HP	Amplifier	8447E	2434A02181	2014-09-01	2015-09-01
R&S	Spectrum Analyzer	FSEM	DE31388	2014-05-09	2015-05-09
ETS LINDGREN	Horn Antenna	3115	000 527 35	2012-09-06	2015-09-06
Mini-Circuit	Amplifier	ZVA-213-S+	054201245	2014-02-19	2015-02-19
Giga	Signal Generator	1026	320408	2014-05-09	2015-05-09
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
TDK RF	Horn Antenna	HRN-0118	130 084	2012-09-06	2015-09-06

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	24.4 °C
Relative Humidity:	49 %
ATM Pressure:	101.4 kPa

The testing was performed by Dean Liu on 2014-12-10.

Conducted Power

Cellular Band (Part 22H) & PCS Band (Part 24E)

Band	Channel No.	Peak Output Power (dBm)				
		GSM	GPRS 1 TX Slot	GPRS 2 TX Slot	GPRS 3 TX Slot	GPRS 4 TX Slot
Cellular	128	33.32	33.26	32.64	30.61	29.69
	190	33.18	33.17	31.90	30.00	28.51
	251	33.42	33.38	32.24	30.34	29.22
PCS	512	28.64	28.64	28.33	26.37	25.63
	661	28.26	28.28	27.93	25.74	24.91
	810	28.19	28.20	27.77	25.53	24.37

ERP & EIRP

GSM:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			S.G. Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Cellular band								
824.200	V	104.84	32.9	0.0	1.0	31.9	38.45	6.6
836.600	V	103.68	31.9	0.0	1.0	30.9	38.45	7.6
848.800	V	102.74	31.1	0.0	1.0	30.1	38.45	8.4
PCS band								
1850.200	V	89.53	17.6	11.4	1.4	27.6	33.0	5.4
1880.000	V	87.84	16.4	11.7	1.4	26.7	33.0	6.3
1909.800	V	87.14	16.1	11.8	1.4	26.5	33.0	6.5

FCC §2.1049, §22.917, §22.905 & §24.238 - OCCUPIED BANDWIDTH

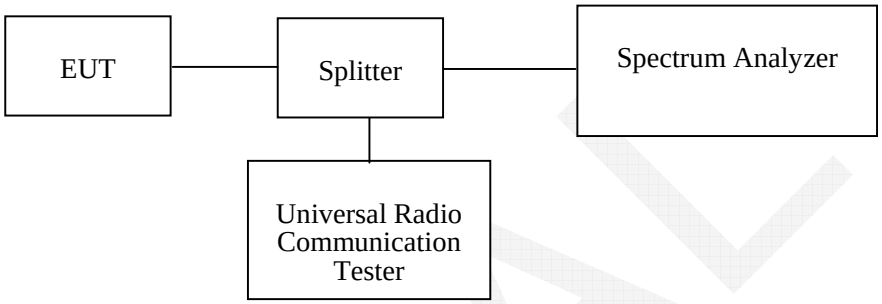
Applicable Standard

FCC §2.1049, §22.917, §22.905 and §24.238.

Test Procedure

The RF output of the transmitter was connected to the simulator and the spectrum analyzer through sufficient attenuation.

The 26 dB & 99% bandwidth was recorded.



Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSEM	DE31388	2014-05-09	2015-05-09

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	22.6 °C
Relative Humidity:	37 %
ATM Pressure:	102.2 kPa

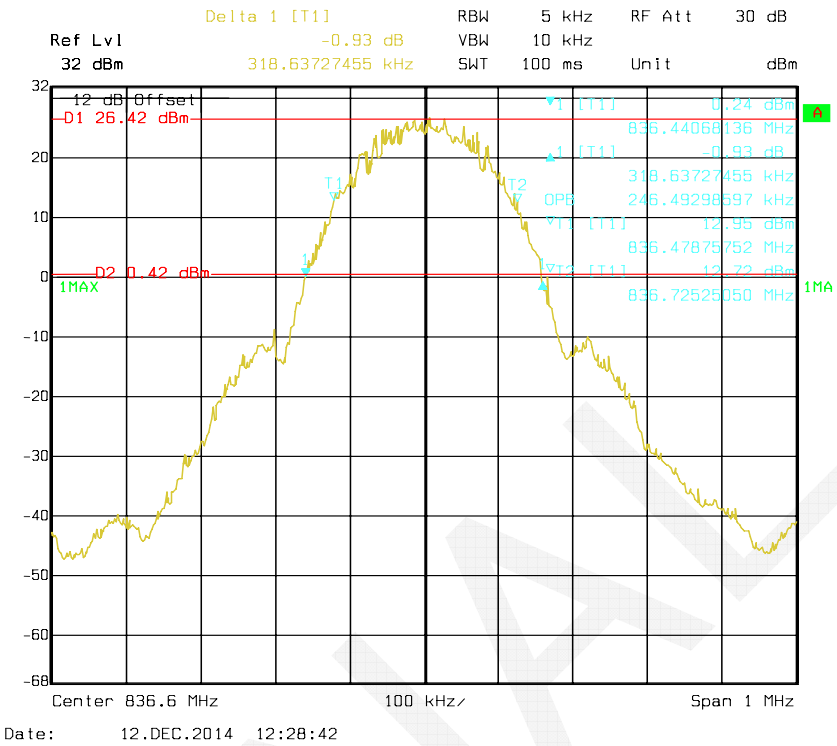
The testing was performed by Dean Liu on 2014-12-12.

Test Mode: Transmitting

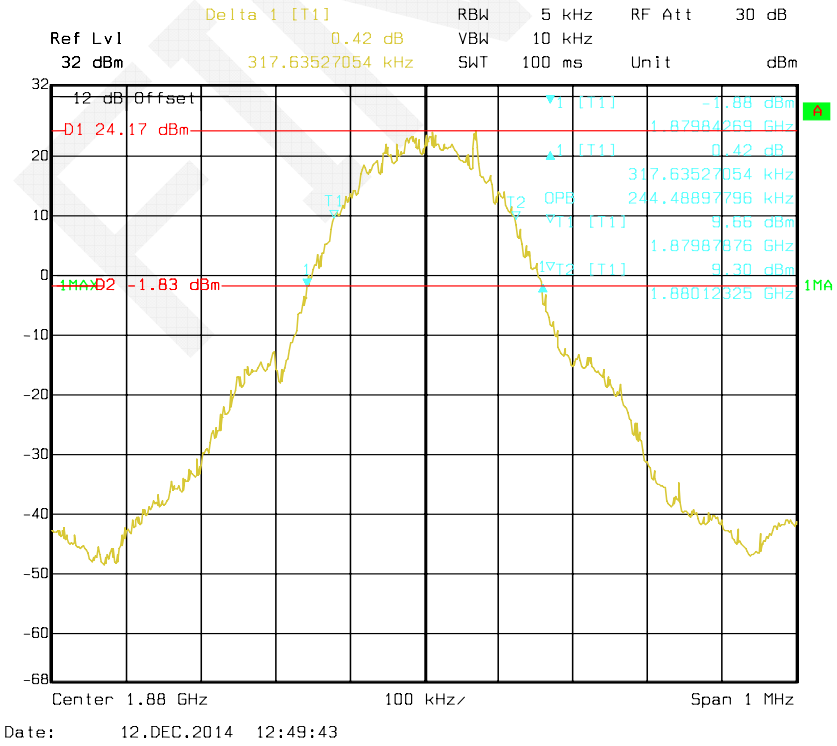
Test Result: Compliant. Please refer to the following table and plots.

Band	Channel No.	Mode	99% Occupied Bandwidth	26 dB Occupied Bandwidth
			kHz	kHz
Cellular	190	GSM	246.49	318.63
PCS	661	GSM	244.48	317.63

GMSK Cellular Band



GMSK PCS Band



FCC §2.1051, §22.917(a) & §24.238(a) - SPURIOUS EMISSIONS AT ANTENNA TERMINALS

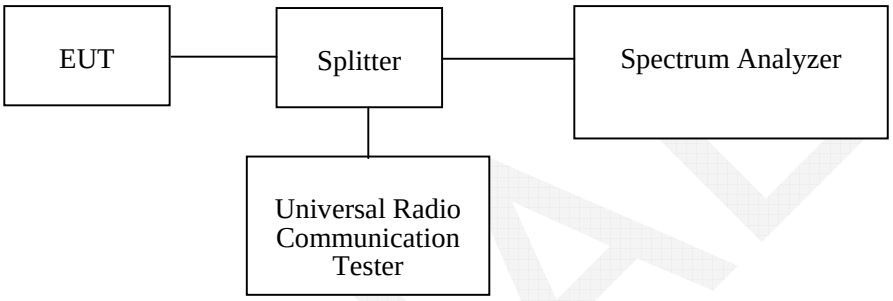
Applicable Standard

FCC §2.1051, §22.917(a) and §24.238(a).

The spectrum was to be investigated to the tenth harmonics of the highest fundamental frequency as specified in § 2.1051.

Test Procedure

The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. Sufficient scans were taken to show any out of band emissions up to 10th harmonic.



Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSEM	DE31388	2014-05-09	2015-05-09

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

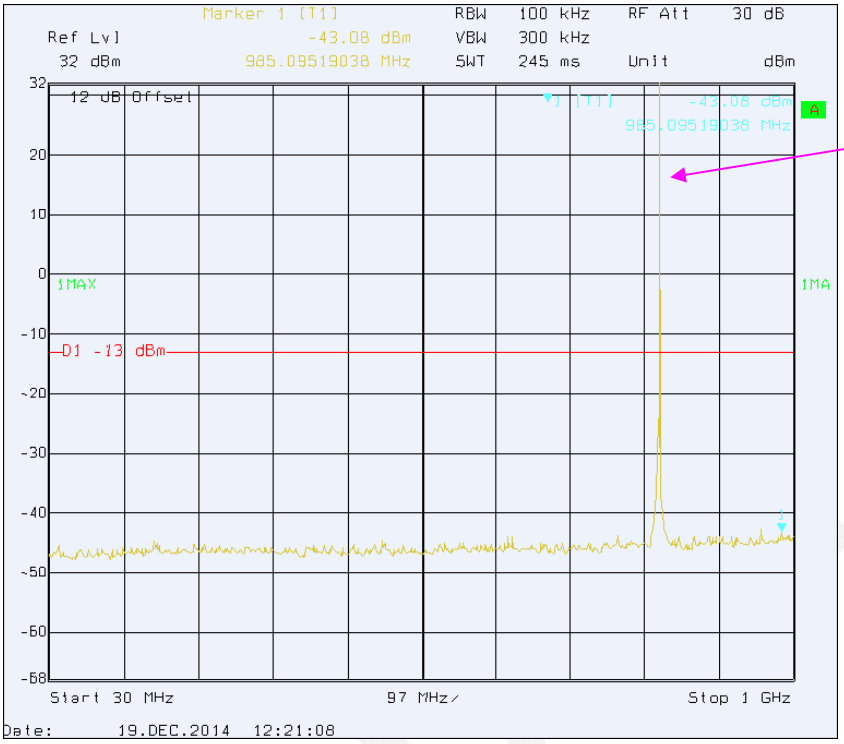
Environmental Conditions

Temperature:	22.6 °C
Relative Humidity:	37 %
ATM Pressure:	102.2 kPa

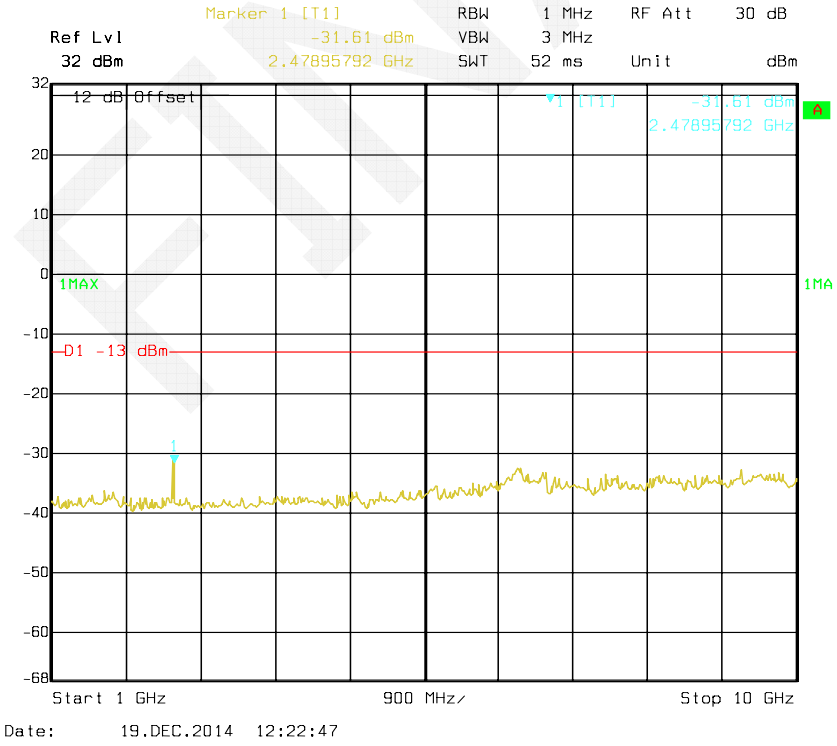
The testing was performed by Dean Liu on 2014-12-19.

Please refer to the following plots.

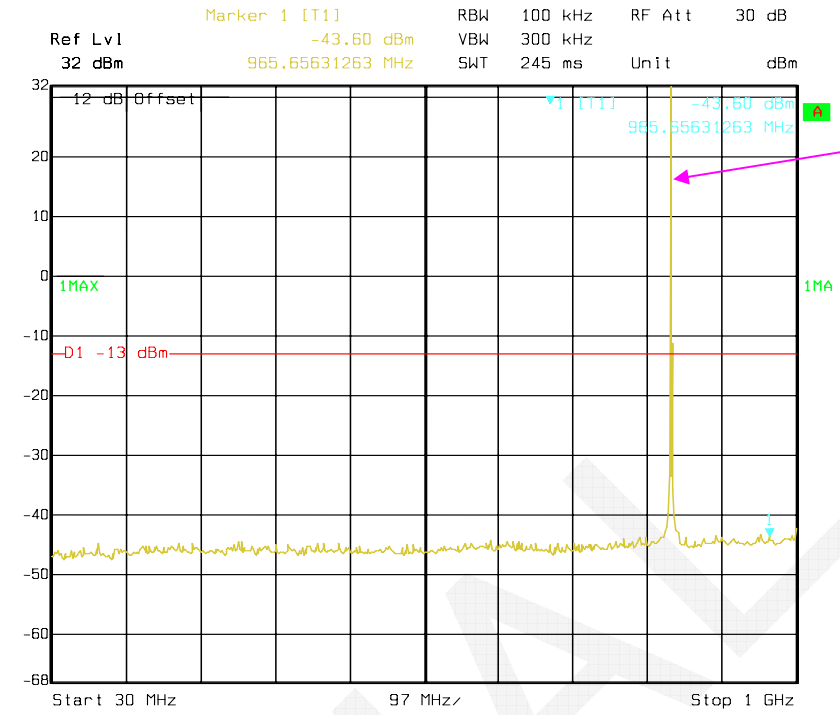
Cellular band: Low Channel



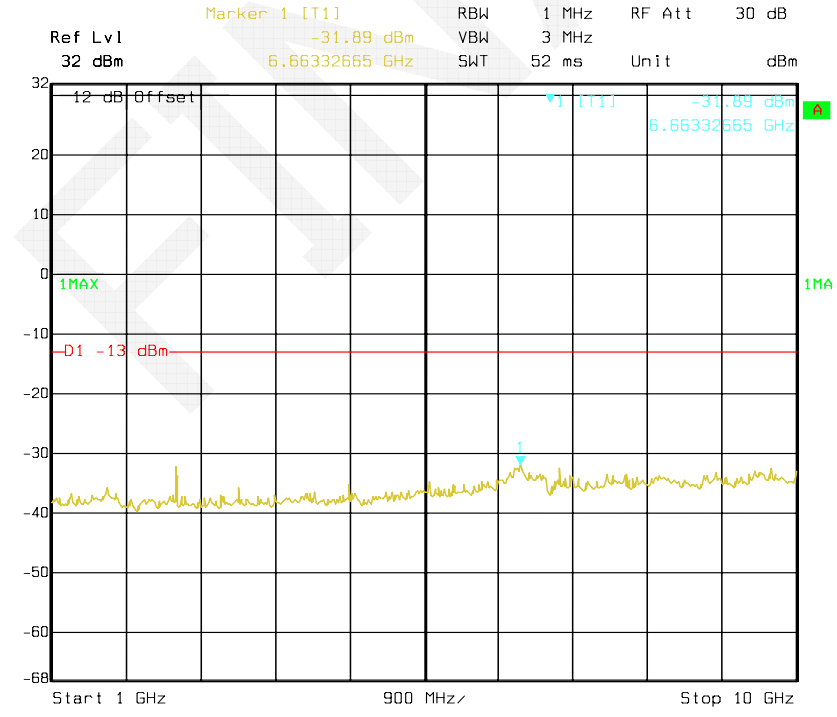
Fundamental



Cellular band: Middle Channel

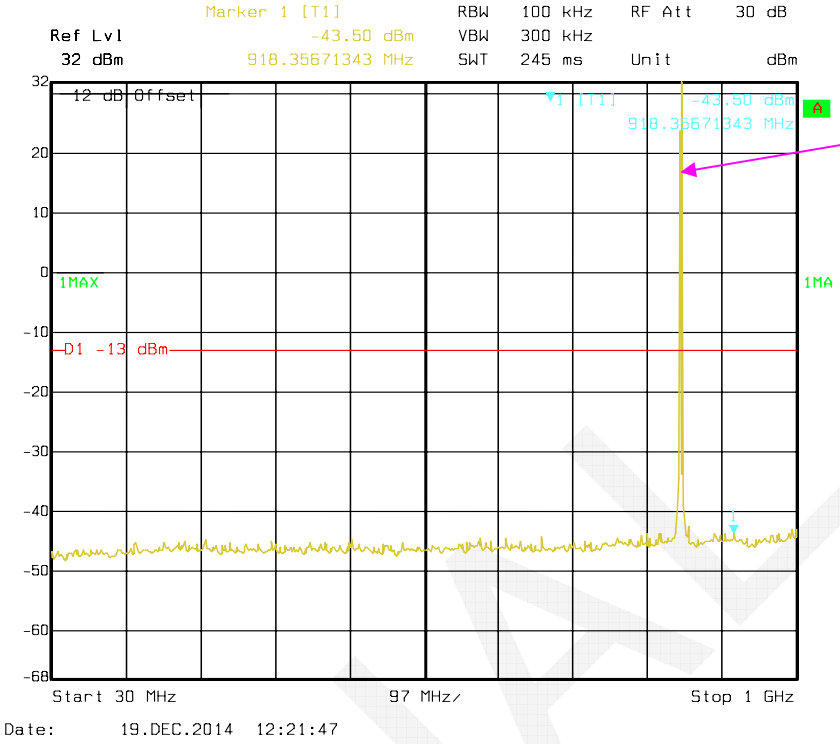


Date: 19.DEC.2014 12:20:29

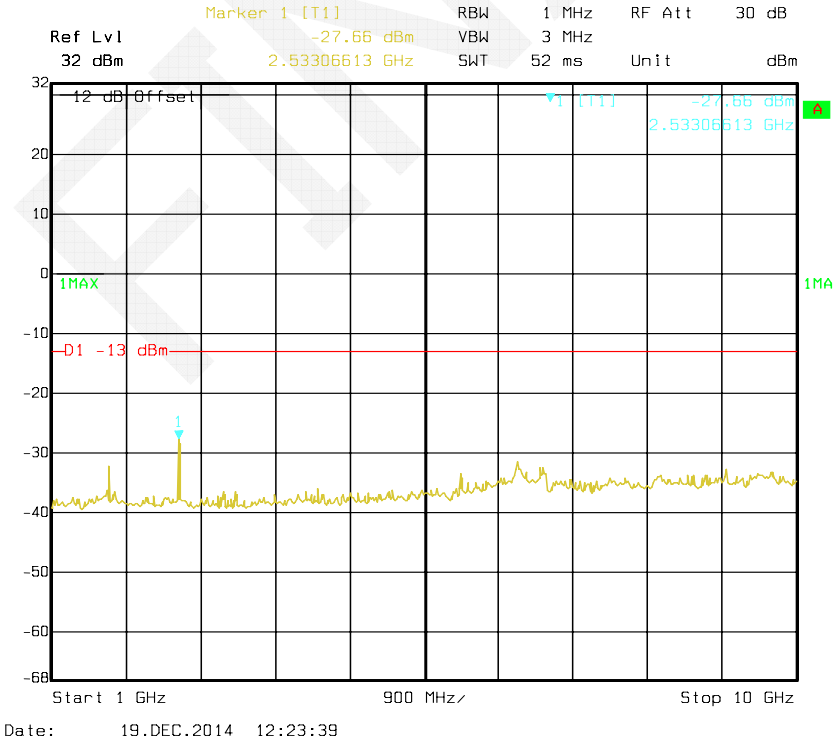


Date: 19.DEC.2014 12:23:16

Cellular band: High Channel

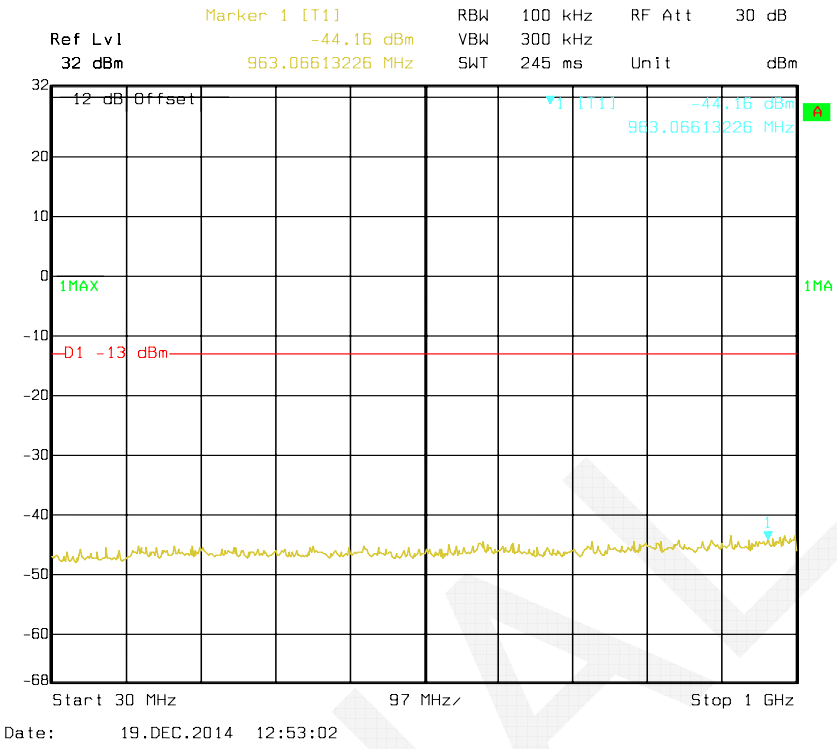


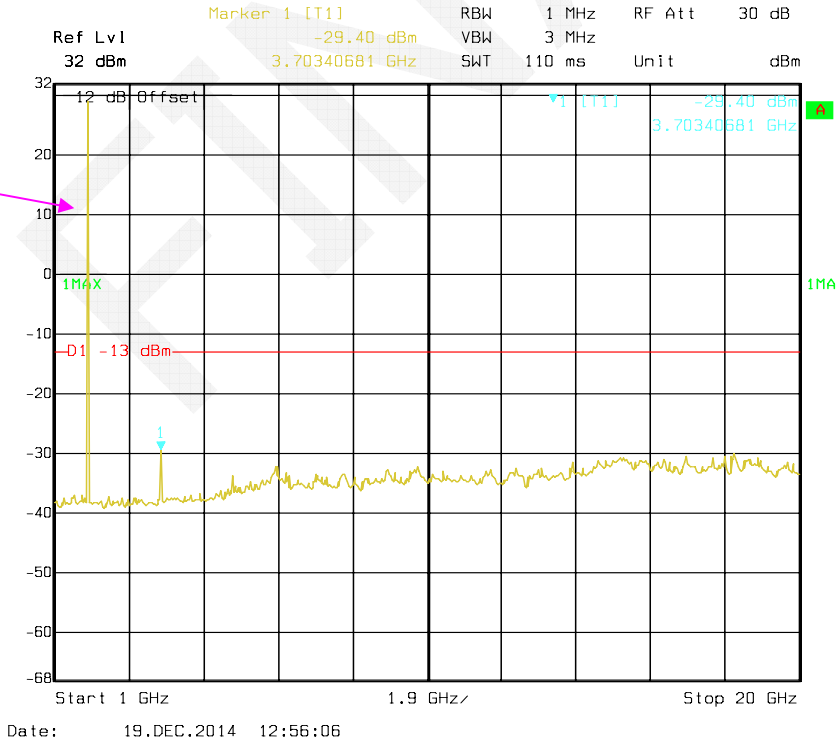
Date: 19.DEC.2014 12:21:47



Date: 19.DEC.2014 12:23:39

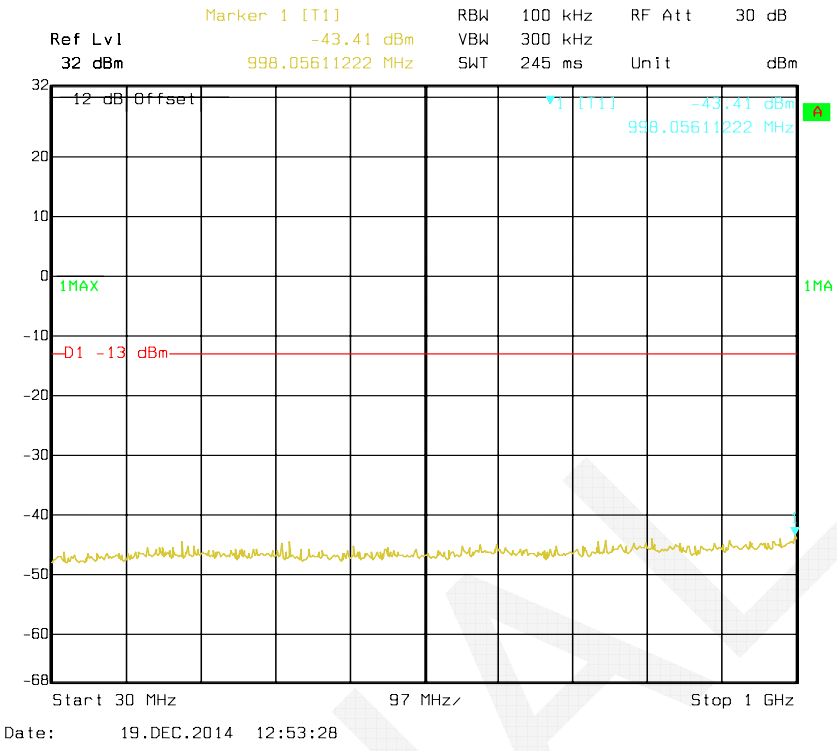
PCS band: Low Channel



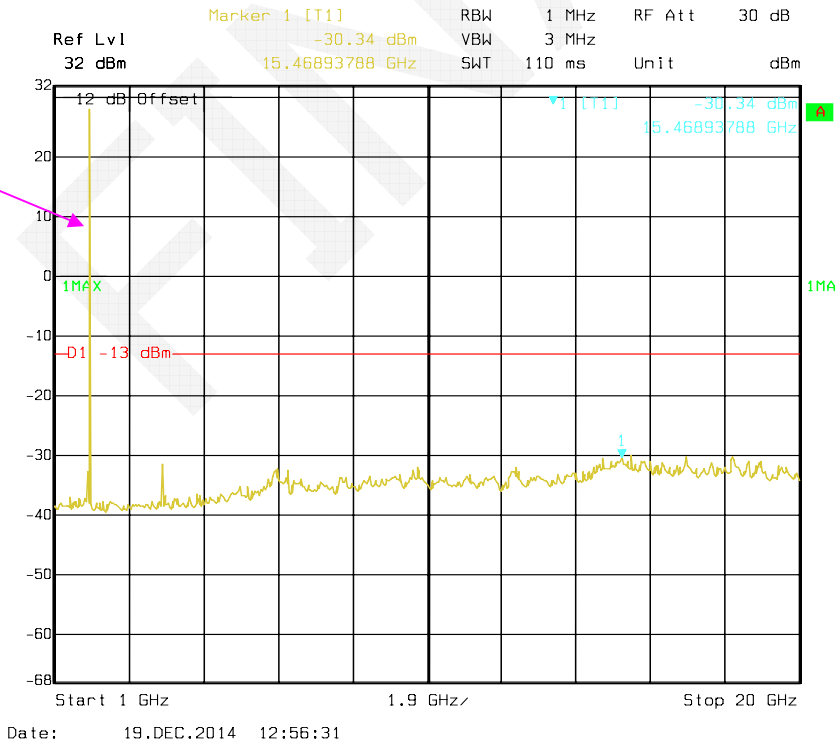


Fundamental

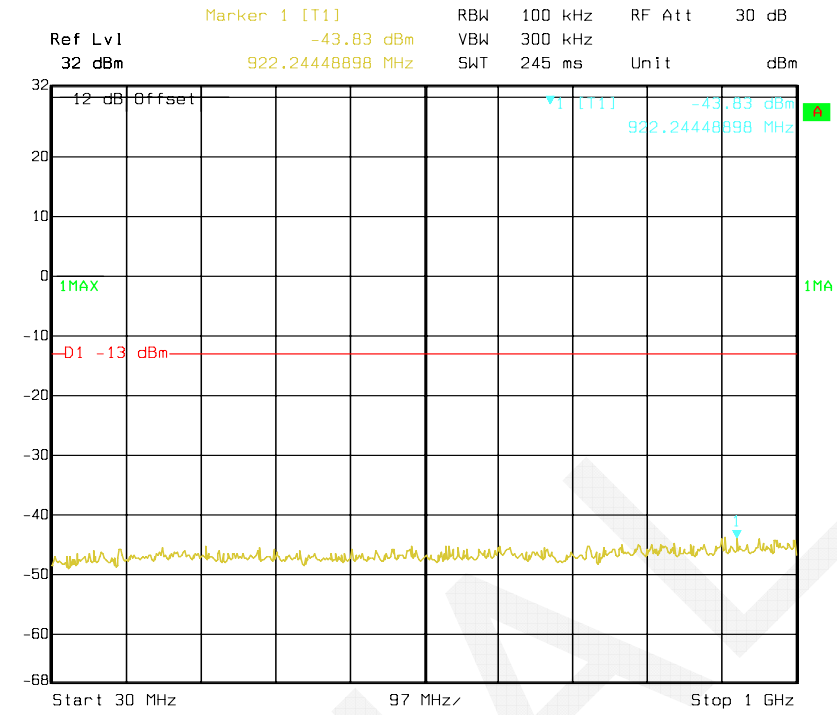
PCS band: Middle Channel



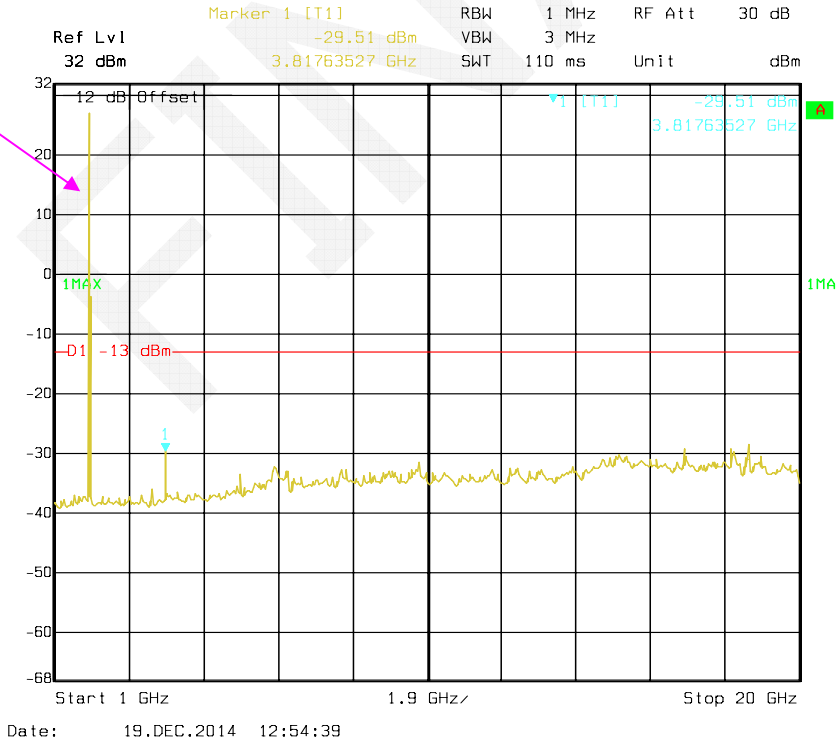
Fundamental



PCS band: High Channel



Fundamental



FCC §2.1053, §22.917 & §24.238 - SPURIOUS RADIATED EMISSIONS

Applicable Standard

FCC § 2.1053, §22.917 and § 24.238.

Test Procedure

The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable.

The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.

The frequency range up to tenth harmonic of the fundamental frequency was investigated.

Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Spurious emissions in dB = 10 lg (TXpwr in Watts/0.001) – the absolute level

Spurious attenuation limit in dB = 43 + 10 Log_{10} (power out in Watts)

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2014-05-09	2015-05-09
Sunol Sciences	Antenna	JB3	A060611-3	2014-07-28	2017-07-27
HP	Amplifier	8447E	2434A02181	2014-09-01	2015-09-01
R&S	Spectrum Analyzer	FSEM	DE31388	2014-05-09	2015-05-09
ETS LINDGREN	Horn Antenna	3115	000 527 35	2012-09-06	2015-09-06
Mini-Circuit	Amplifier	ZVA-213-S+	054201245	2014-02-19	2015-02-19
Giga	Signal Generator	1026	320408	2014-05-09	2015-05-09
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
TDK RF	Horn Antenna	HRN-0118	130 084	2012-09-06	2015-09-06

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	24.4 °C
Relative Humidity:	49 %
ATM Pressure:	101.4 kPa

The testing was performed by Dean Liu on 2014-12.10

EUT Operation Mode: Transmitting (worst-case)

GSMK 850 (Cellular Band)

Frequency	Polar	S.A Reading	S.G. Level	Antenna Gain	Cable Loss	Absolute Level	Limit	Margin
MHz	H/V	dBµV	dBm	dBd/dBi	dB	dBm	dBm	dB
Middle Channel								
1673.200	H	69.31	-31.8	10.6	1.5	-22.7	-13.0	9.7
1673.200	V	76.78	-24.6	10.6	1.5	-15.5	-13.0	2.5
2509.800	H	66.19	-31.8	13.1	2.8	-21.5	-13.0	8.5
2509.800	V	67.72	-29.4	13.1	2.8	-19.1	-13.0	6.1
3346.400	H	52.14	-45.3	13.8	1.7	-33.2	-13.0	20.2
3346.400	V	52.40	-44.7	13.8	1.7	-32.6	-13.0	19.6

GSMK 1900 (PCS Band)

Frequency	Polar	S.A Reading	S.G. Level	Antenna Gain	Cable Loss	Absolute Level	Limit	Margin
MHz	H/V	dBµV	dBm	dBd/dBi	dB	dBm	dBm	dB
High Channel								
3819.600	H	65.17	-28.6	13.6	3.3	-18.3	-13.0	5.3
3819.600	V	57.33	-34.8	13.6	3.3	-24.5	-13.0	11.5
5729.400	H	56.32	-35.6	13.9	2.4	-24.1	-13.0	11.1
5729.400	V	52.40	-39.3	13.9	2.4	-27.8	-13.0	14.8
7639.200	H	47.48	-40	13.3	3.2	-29.9	-13.0	16.9
7639.200	V	45.73	-41.8	13.3	3.2	-31.7	-13.0	18.7

Note:
1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
2) Absolute Level = SG Level - Cable loss + Antenna Gain
3) Margin = Limit-Absolute Level
4) For below 1GHz, all spurious emissions are 20 dB below the limit or are on the system noise floor level.

FCC §22.917(a) & §24.238(a) - BAND EDGES

Applicable Standard

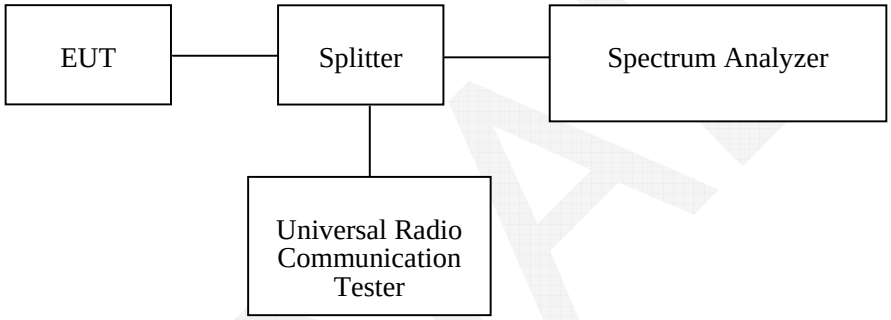
According to § 22.917(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

According to §24.238(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

Test Procedure

The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.

The center of the spectrum analyzer was set to block edge frequency.



Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSEM	DE31388	2014-05-09	2015-05-09

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed in accordance to NVLAP requirements, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	22.6 °C
Relative Humidity:	37 %
ATM Pressure:	102.2 kPa

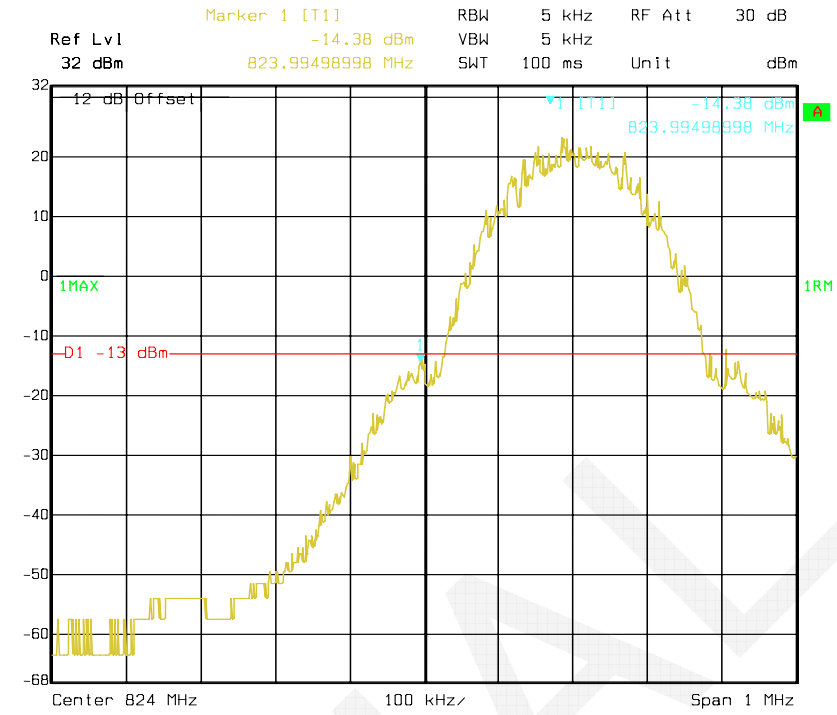
The testing was performed by Dean Liu on 2014-12-19

Test Mode: Transmitting

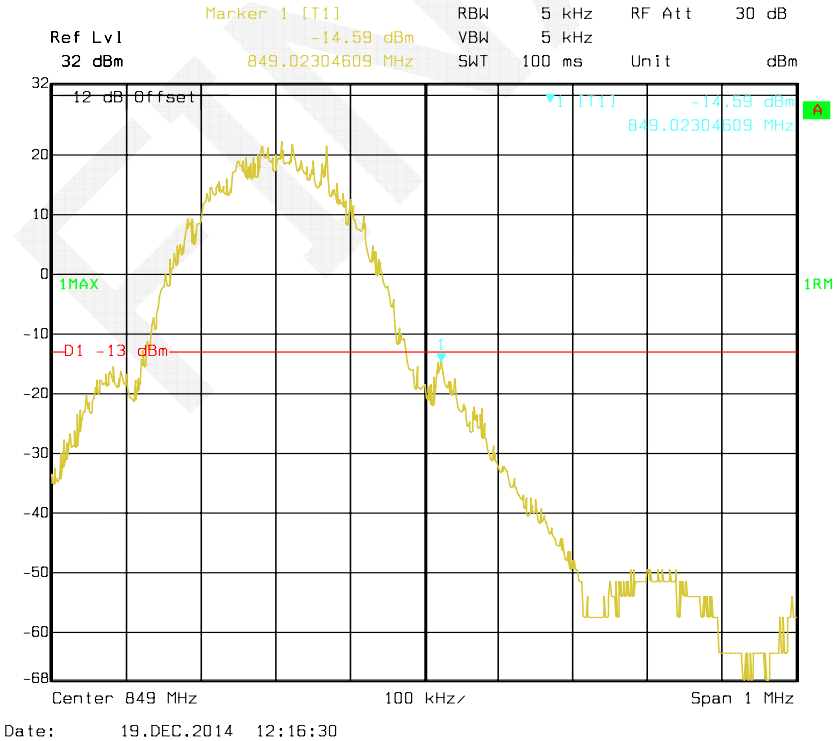
Test Result: Compliant. Please refer to the following table and plots.

Band	Mode	Channel No.	Reading	Limit
			dBm	dBm
Cellular	GSM	Left	-14.38	-13
		Right	-14.59	-13
PCS	GSM	Left	-15.50	-13
		Right	-17.00	-13

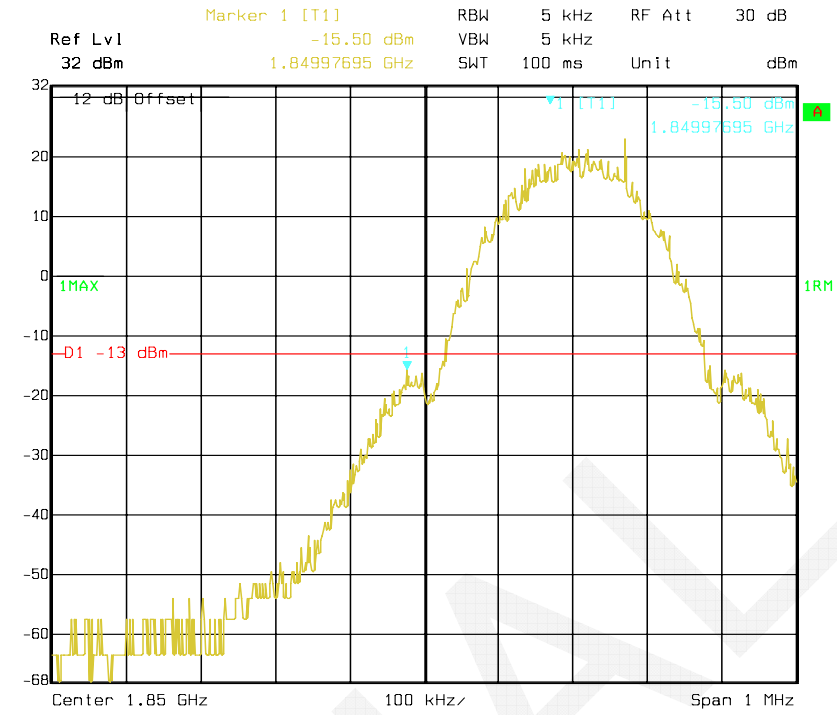
Cellular Band, Left Band Edge



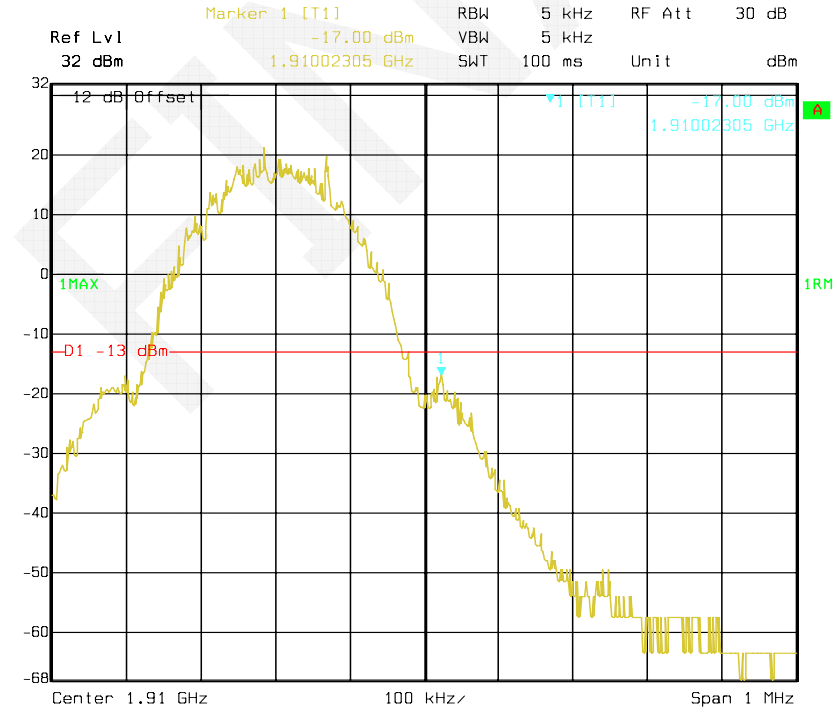
Cellular Band, Right Band Edge



PCS band, Left Band Edge



PCS band, Right Band Edge



FCC §2.1055, §22.355 & §24.235 - FREQUENCY STABILITY

Applicable Standard

FCC § 2.1055 (a), § 2.1055 (d), §22.355, §24.235

According to §22.355, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table below:

Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency Range (MHz)	Base, fixed (ppm)	Mobile ≤ 3 watts (ppm)	Mobile ≤ 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929.	5.0	N/A	N/A
929 to 960.	1.5	N/A	N/A
2110 to 2220	10.0	N/A	N/A

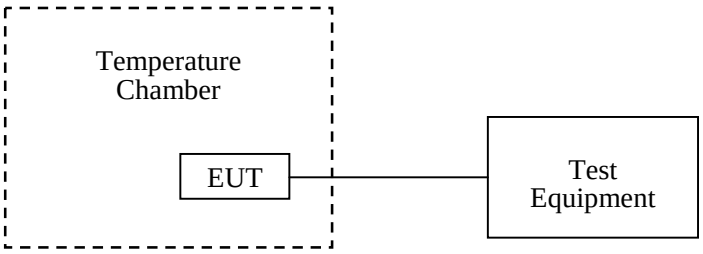
According to §24.235, the frequency stability shall be sufficient to ensure that the fundamental emissions stays within the authorized frequency block.

Test Procedure

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to communication test set via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

After the temperature stabilized for approximately 20 minutes, the frequency output was recorded from the communication test set.

Frequency Stability vs. Voltage: An external variable DC power supply was connected to the battery terminals of the equipment under test. The voltage was set from 85% to 115% of the nominal value and was then decreased until the transmitter light no longer illuminated; i.e., the battery end point. The output frequency was recorded for each battery voltage.



Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Dongzhixu	High Temperature Test Chamber	DP1000	201105083-3	2014-08-01	2015-08-01
R&S	Universal Radio Communication Tester	CMU200	109 038	2014-05-09	2015-05-09

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	27.5 °C
Relative Humidity:	52 %
ATM Pressure:	101 kPa

The testing was performed by Dean Liu on 2014-12-12.

Cellular Band (Part 22H)

GMSK, Middle Channel, f_c = 836.6 MHz				
Temperature	**Voltage**	**Frequency Error**	**Frequency Error**	**Limit**
℃	**V_{DC}**	**Hz**	**ppm**	**ppm**
-30	3.7	-9	-0.011	2.5
-20	3.7	-8	-0.010	2.5
-10	3.7	-9	-0.011	2.5
0	3.7	-7	-0.008	2.5
10	3.7	-7	-0.008	2.5
20	3.7	-10	-0.012	2.5
30	3.7	-11	-0.013	2.5
40	3.7	-9	-0.011	2.5
50	3.7	-8	-0.010	2.5
25	3.6	-5	-0.006	2.5
25	4.2	-11	-0.013	2.5

PCS Band (Part 24E)

GMSK, Middle Channel, f_c = 1880.0 MHz				
Temperature	**Voltage**	**Frequency Error**	**Frequency Error**	**Result**
℃	**V_{DC}**	**Hz**	**ppm**	
-30	3.7	-29	-0.015	Pass
-20	3.7	-25	-0.013	Pass
-10	3.7	-32	-0.017	Pass
0	3.7	-32	-0.017	Pass
10	3.7	-29	-0.015	Pass
20	3.7	-41	-0.022	Pass
30	3.7	-40	-0.021	Pass
40	3.7	-33	-0.018	Pass
50	3.7	-25	-0.013	Pass
25	3.6	-21	-0.011	Pass
25	4.2	-41	-0.022	Pass

******* END OF REPORT *******