Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China

TEST REPORT

FCC ID: OHZ-FLAIR60

Applicant : ShenZhen GuoBang XingYe(GBD)Electronics Co., Ltd

Address : 5F, Building4, LianChuangTech-park, Lilang Road,Bujitown, Longgang district, Shenzhen City, China

Equipment Under Test(EUT):

Name : Smart phone

Model : Flair6.0, M773G,M601(Q), C5(Q), M550, L5, M693G,M785S, MR801, M903G, M103G

In Accordance with: FCC PART 2; FCC PART 22H; FCC PART 24E

Report No : CST-TCB140719043-4

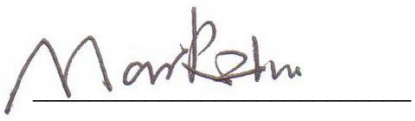
Date of Test : July 25. 2013- August 05, 2014

Date of Issue : August 06, 2014

Test Result: **PASS**

In the configuration tested, the EUT complied with the standards specified above

Authorized Signature



(Mark Zhu)

General Manager

Contents

1. General Information

1.1. Description of Device (EUT)

EUT	:	Smart phone
Trade Name	:	N/A
Model No.	:	Flair6.0, M773G,M601(Q), C5(Q), M550, L5, M693G,M785S, MR801, M903G, M103G
DIFF.	:	All model's the function, software and electric circuit are the same, only with a model named different. The test model: Flair6.0.
Power supply	:	DC 3.7V Supply by battery DC 5V from adapter with AC 120V/60Hz adapter
Adapter	:	Manufacturer: Shenzhen Dragon Technology Co., Ltd Model No.:HT-001-050200
Radio Technology	:	Bluetooth 4.0, BT2.1+EDR IEEE 802.11b/g/n(HT20)/n(HT40) GSM/GPRS/EDGE 850/1900, WCDMA BAND II/V
Operation frequency	:	IEEE 802.11b: 2412MHz-2462MHz IEEE 802.11g: 2412MHz-2462MHz IEEE 802.11n HT20: 2412-2462MHz, IEEE 802.11n HT40:2422-2452MHz Bluetooth 4.0: 2402-2480MHz Bluetooth 2.1+EDR: 2402-2480MHz GSM 850: 824.2MHz—848.8MHz GSM 1900: 1850.2MHz—1909.8MHz WCDMA BAND II: 1852.4MHz—1907.6MHz WCDMA BAND V: 826.4MHz—846.6MHz
Modulation	:	IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK), IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK), IEEE 802.11n :OFDM(64QAM, 16QAM, QPSK, BPSK), Bluetooth 4.0: GFSK, Bluetooth 2.1+EDR: GFSK, π/4 DQPSK, 8-DPSK GSM: GMSK, WCDMA: QPSK
Antenna Type	:	PIFA Antenna, max gain 1 dBi for WIFI, PIFA Antenna, max gain 1 dBi for BT. PIFA Antenna, max gain 1.5 dBi for GSM PIFA Antenna, max gain 1.5 dBi for WCDMA

Applicant	:	ShenZhen GuoBang XingYe(GBD)Electronics Co., Ltd
Address	:	5F, Building4, LianChuangTech-park, Lilang Road,Bujitown, Longgang district, Shenzhen City, China
Manufacturer	:	ShenZhen GuoBang XingYe(GBD)Electronics Co., Ltd
Address	:	5F, Building4, LianChuangTech-park, Lilang Road,Bujitown, Longgang district, Shenzhen City, China

Note: This report only test for WCDMA BAND II/V, for other radio test see other test report.

1.2. Test Lab information

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
FCC Registered No.:197647

2. Summary of test

2.1. Summary of test result

Description of Test Item	Standard	Results
Conducted Output power	FCC PART 2: 2.1046 FCC PART 22H: 22.913 (a) FCC PART 24E: 24.232 (c)	PASS
Radiated Output power(erp/eirp)	FCC PART 22H:22.913 (a) FCC PART 24E:24.232(c)	PASS
Occupied bandwidth	FCC PART 2: 2.1049 FCC PART 22H: 22.917 (b) FCC PART 24E: 24.238 (b)	PASS
Frequency stability	FCC PART 2: 2.1055 FCC PART 22H: 22.355 FCC PART 24E: 24.235	PASS
Conducted spurious emission (Antenna terminal)	FCC PART 2: 2.1051 FCC PART 22H: 22.917 FCC PART 24E: 24.238	PASS
Radiated spurious emissions	FCC PART 2: 2.1053 FCC PART 22H: 22.917 FCC PART 24E: 24.238	PASS
Band edge compliance	FCC PART 22H: 22.917 (b) FCC PART 24E: 24.238 (b)	PASS
Power Line Conducted Emission Test	FCC Part 15: 15.207 ANSI C63.4: 2003	PASS

2.2. Assistant equipment used for test

Description	:	Adapter
Manufacturer	:	Shenzhen Dragon Technology Co., Ltd
Model No.	:	HT-001-050200
Input	:	AC 110-240V 50/60Hz
Output	:	DC 5V/2A

2.3. Test mode

During all testing, EUT is in link mode with base station emulator at maximum power level in each test mode and channel as below:

Mode	Channel	Frequency(MHz)
WCDMA BAND V	4132	826.4
	4182	836.6
	4233	846.6
WCDMA BAND II	9262	1852.4
	9400	1880.0
	9538	1907.6

2.4. Test Environment Conditions

Temperature range	21-25℃
Humidity range	40-75%
Pressure range	86-106kPa

2.5. Measurement Uncertainty (95% confidence levels, k=2)

Item	MU	Remark
Uncertainty for Power point Conducted Emissions Test	2.42dB	
Uncertainty for Radiation Emission test in 3m chamber (30MHz to 1GHz)	3.54dB	Polarize: V
	4.1dB	Polarize: H
Uncertainty for Radiation Emission test in 3m chamber (1GHz to 25GHz)	2.08dB	Polarize: H
	2.56dB	Polarize: V
Uncertainty for radio frequency	1×10-9	
Uncertainty for conducted RF Power	0.65dB	
Uncertainty for temperature	0.2℃	
Uncertainty for humidity	1%	
Uncertainty for DC and low frequency voltages	0.06%	

2.6. Test Equipment

Equipment	Manufacture	Model No.	Serial No.	Last cal.	Cal Interval
3m Semi-Anechoic	ETS-LINDGREN	N/A	SEL0017	Nov. 16, 13	1Year
Spectrum analyzer	Agilent	E4407B	MY49510055	Oct. 30, 13	1Year
Receiver	R&S	ESCI	101165	Oct. 30, 13	1Year
Receiver	R&S	ESCI	101202	Oct. 30, 13	1Year
Bilog Antenna	SCHWARZBECK	VULB 9168	9168-438	Mar.11, 14	1Year
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D(1201)	Mar.11, 14	1Year
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170 D(1432)	Mar.11, 14	1Year
Active Loop Antenna	Beijing Daze	ZN30900A	SEL0097	Mar.12, 14	1Year
L.I.S.N.	SCHWARZBECK	NSLK8126	8126466	Oct. 30, 13	1Year
Cable	Resenberger	SUCOFLEX 104	MY6562/4	Oct. 30, 13	1Year
Cable	Resenberger	SUCOFLEX 104	309972/4	Oct. 30, 13	1Year
Cable	Resenberger	SUCOFLEX 104	329112/4	Oct. 30, 13	1Year
Power Meter	Anritsu	ML2487A	6K00001491	Oct. 30, 13	1Year
Power sensor	Anritsu	ML2491A	32516	Oct. 30, 13	1Year
Pre-amplifier	SCHWARZBECK	BBV9743	9743-019	Oct. 30, 13	1Year
Pre-amplifier	Quietek	AP-180C	CHM-0602012	Oct. 30, 13	1Year
Base station	Agilent	E5515C	GB44300243	Oct. 30, 13	1 Year
Temperature controller	Terchy	MHQ	120	Oct. 30, 13	1Year
Power divider	Anritsu	K240C	020346	Oct. 30, 13	1 Year
Signal Generator	ROHDE&SCHWARZ	CMU200	116785	Oct. 30, 13	1 Year
Attenuator	Agilent	8491B	MY39262165	Oct. 30, 13	1 Year

X-series USB Peak and Average Power Sensor	Agilent	U2021XA	MY54080020	2014.01.19	1Year
X-series USB Peak and Average Power Sensor	Agilent	U2021XA	MY54110001	2014.01.19	1 Year
4 Ch. Simultaneous Sampling 14 Bits 2 MS/s	Agilent	U2531A	TW54063507	2014.01.19	1 Year

3. Conducted Output power

3.1. Block Diagram of Test Setup

3.2. Limit

Cellular Telephone 850MHz	PCS 1900MHz
38.5dBm (ERP)	33dBm (EIRP)

3.3. Test Procedure

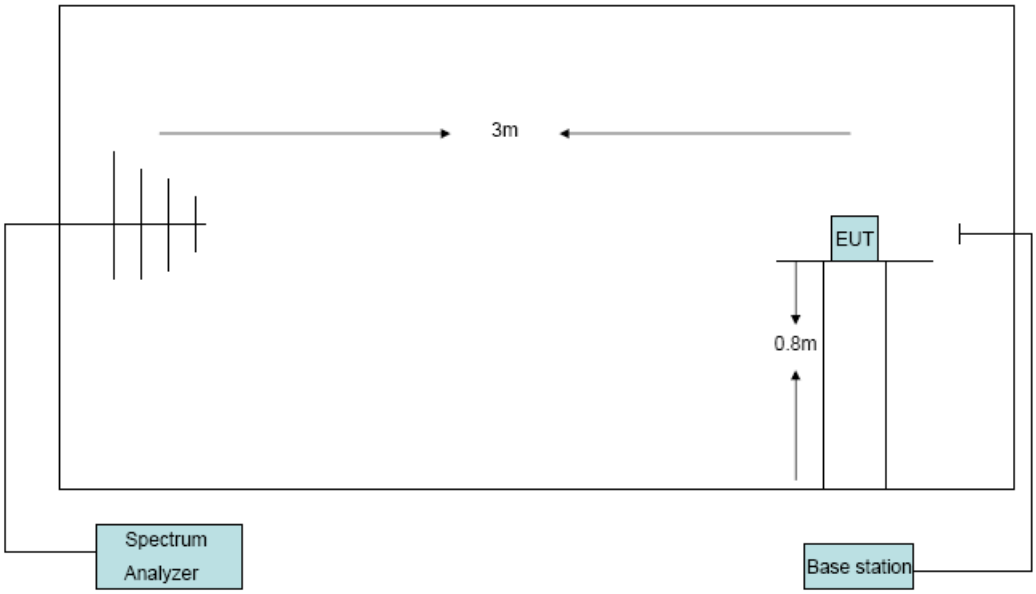
(1) The EUT's RF output port was connected to base station.
(2) A call is set up by the SS according to the generic call set up procedure
(3) Set EUT at maximum power level through base station by power level command
(4) Measure the maximum output power of EUT at each frequency band and mode by base station.

3.4. Test Results

Band		**WCDMA Band II**			**WCDMA Band V**		
Channel		9262	9400	9538	4132	4182	4233
Frequency (MHz)		1852.4	1880	1907.6	826.4	836.6	846.6
Conducted power	AMR	21.52	22.13	21.12	22.14	22.23	22.09
	RMC 12.2kbps	**21.66**	**22.27**	**21.30**	**22.79**	**22.87**	**22.65**
	HSDPA Subtest-1	20.58	21.08	20.22	21.58	21.74	21.49
	HSDPA Subtest-2	21.85	21.82	21.78	22.12	22.16	22.10
	HSDPA Subtest-3	21.38	21.29	21.33	21.61	21.56	21.43
	HSDPA Subtest-4	21.34	21.25	21.32	21.09	21.01	20.91
	HSUPA Subtest-1	20.60	21.17	20.16	21.56	21.62	21.52
	HSUPA Subtest-2	19.96	19.83	19.99	20.41	20.26	20.29
	HSUPA Subtest-3	20.91	20.81	21.96	21.33	21.28	21.30
	HSUPA Subtest-4	19.95	19.89	20.03	20.40	20.25	20.31
	HSUPA Subtest-5	19.92	19.85	20.01	20.44	20.26	20.28

4. ERP/EIRP

4.1. Block Diagram of Test Setup



4.2. Limit

Cellular Telephone 850MHz	PCS 1900MHz
38.5dBm (ERP)	33dBm (EIRP)

4.3. Test Procedure

1. The EUT was placed on a non-conductive rotating platform with 0.8 meter height in an anechoic chamber. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and a spectrum analyzer with RBW= 3MHz, VBW= 3MHz and peak detector settings.
2. During the measurement, the EUT was enforced in maximum power and linked with a base station. The highest emission was recorded from analyzer power level (LVL) from the 360 degrees rotation of the turntable and the test antenna raised and lowered over a range from 1 to 4 meters in both horizontally and vertically polarized orientations
3. Effective Isotropic Radiated Power (EIRP) was measured by substitution method according to TIA/EIA-603-C. The EUT was replaced by dipole antenna (for frequency below 1GHz) or Horn antenna (for frequency above 1GHz) at same location with same polarize of reviver antenna and then a known power of each measure frequency from S.G.

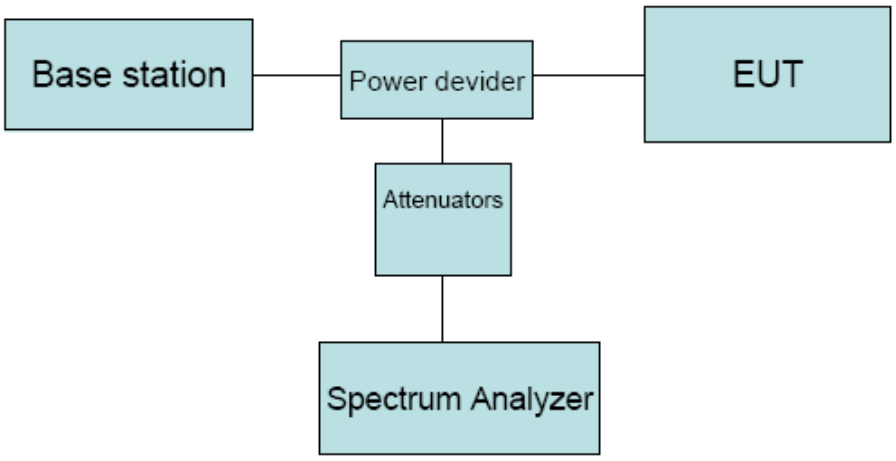
was applied into the dipole antenna or Horn antenna through a test cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna. The correction factor (in dB) = S.G. - test Cable loss + Substitution antenna gain –Substitution antenna Loss (only for Dipole antenna) - Analyzer reading. Then the EUT's EIRP was calculated with the correction factor, EIRP= LVL + Correction factor and ERP = EIRP – 2.15

4.4. Test Result

EUT: Smart phone M/N:Flair6.0					
Power: DC 5V from adapter					
Ambient Temperature:23℃			Relative Humidity: 60%		
Test date: 2014-07-31			Test site: RF site	Tested by: Simple Guan	
Conclusion: PASS					
Mode	Channel	LVL (dBm)	Correction factor(dB)	ERP (dBm)	EIRP (dBm)
WCDMA BAND V RMC 12.2kbps	4132	-6.35	30.27	21.77	/
	4182	-6.64	30.16	21.37	/
	4233	-7.02	30.24	21.07	/
WCDMA BAND II RMC 12.2kbps	9262	-25.18	46.83	/	21.65
	9400	-25.36	46.97	/	21.61
	9538	-25.75	46.96	/	21.21
ERP=LVL + Correction factor -2.15, EIRP=LVL+ Correction factor Both horizontally and vertically polarizations were measured, only worst case was reported.					

5. Occupied Bandwidth

5.1. B lock Diagram of Test Setup



5.2. Limit

N/A

5.3. Test Procedure

1. The EUT' RF output port was connected to Spectrum Analyzer and Base Station via power divider.

2. Spectrum analyzer's occupied bandwidth measure function was used to measure 99% bandwidth and -26dBc bandwidth

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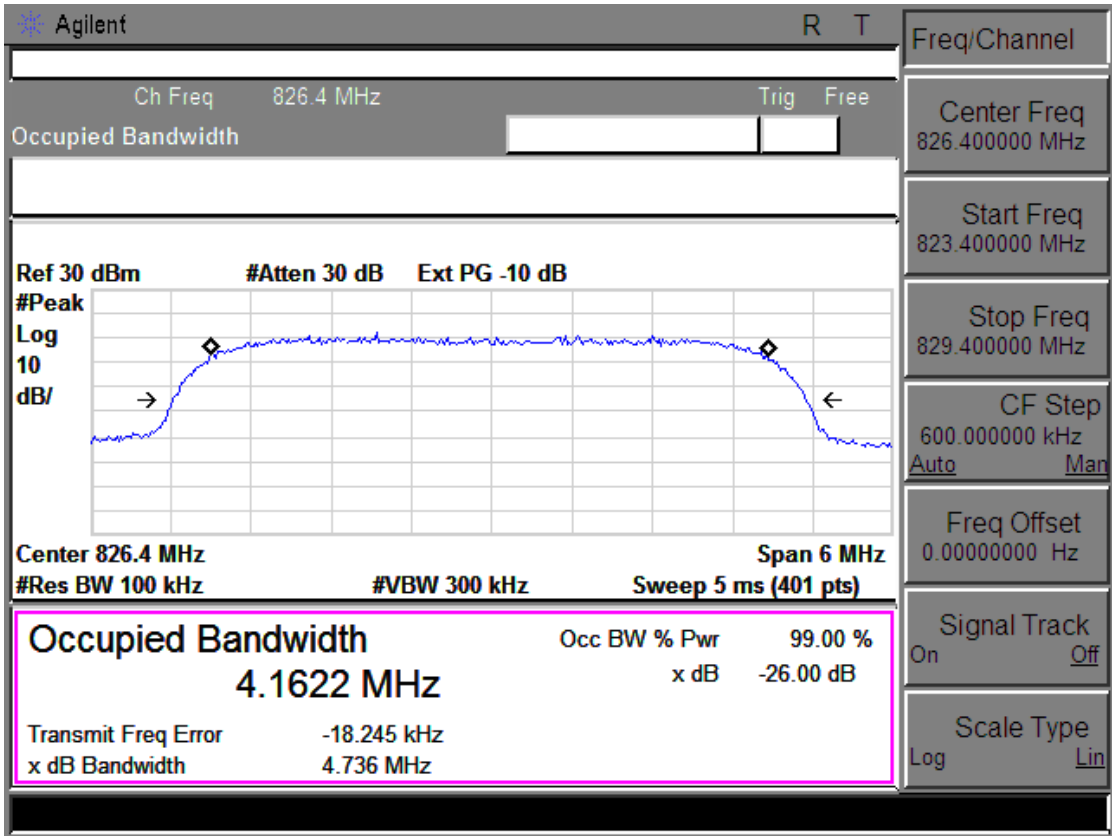
5.4. Test Result

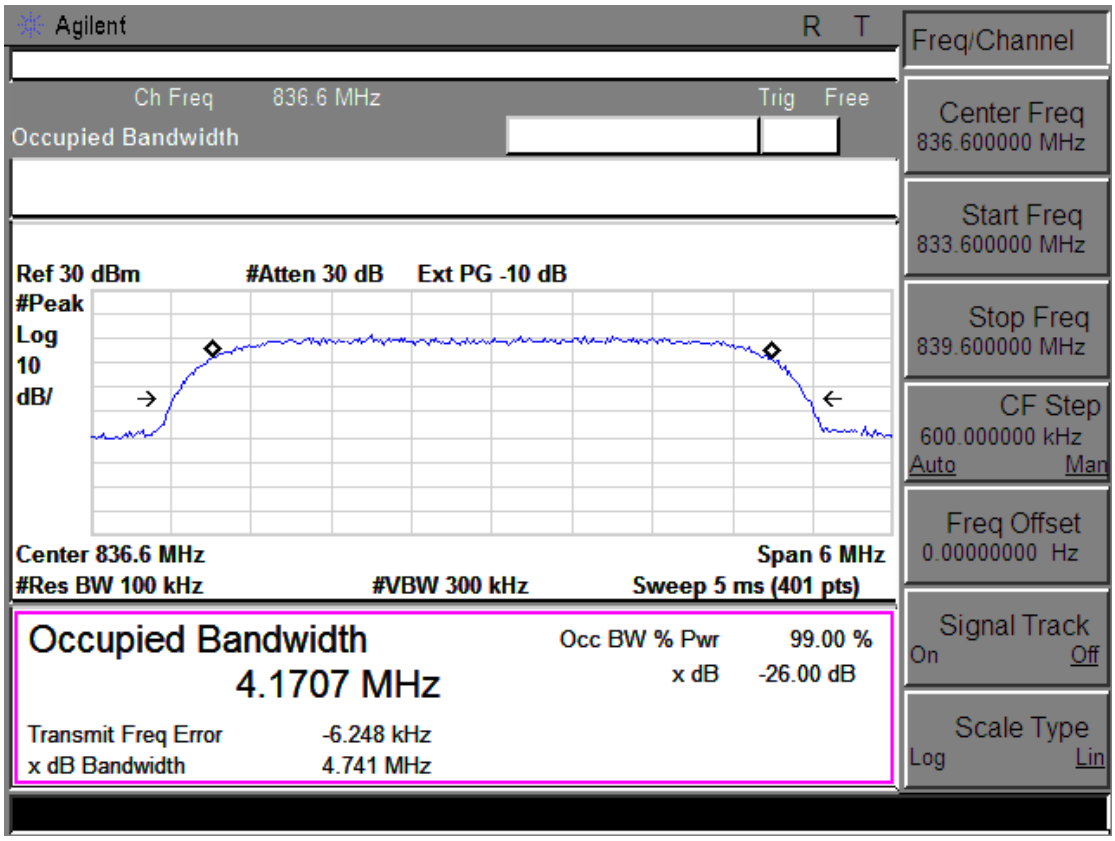
EUT: Smart phone M/N:Flair6.0			
Power: DC 5V from adapter			
Ambient Temperature:23℃		Relative Humidity: 60%	
Test date: 2014-07-31		Test site: RF site	Tested by: Simple Guan
Mode	Channel	99% bandwidth (MHz)	-26dBc bandwidth (MHz)
WCDMA BAND V RMC 12.2kbps	4132	4.1622	4.736
	4182	4.1707	4.741
	4233	4.1672	4.696
WCDMA BAND II RMC 12.2kbps	9262	4.1644	4.717
	9400	4.1655	4.706
	9538	4.1701	4.724

5.5. Orginal test data

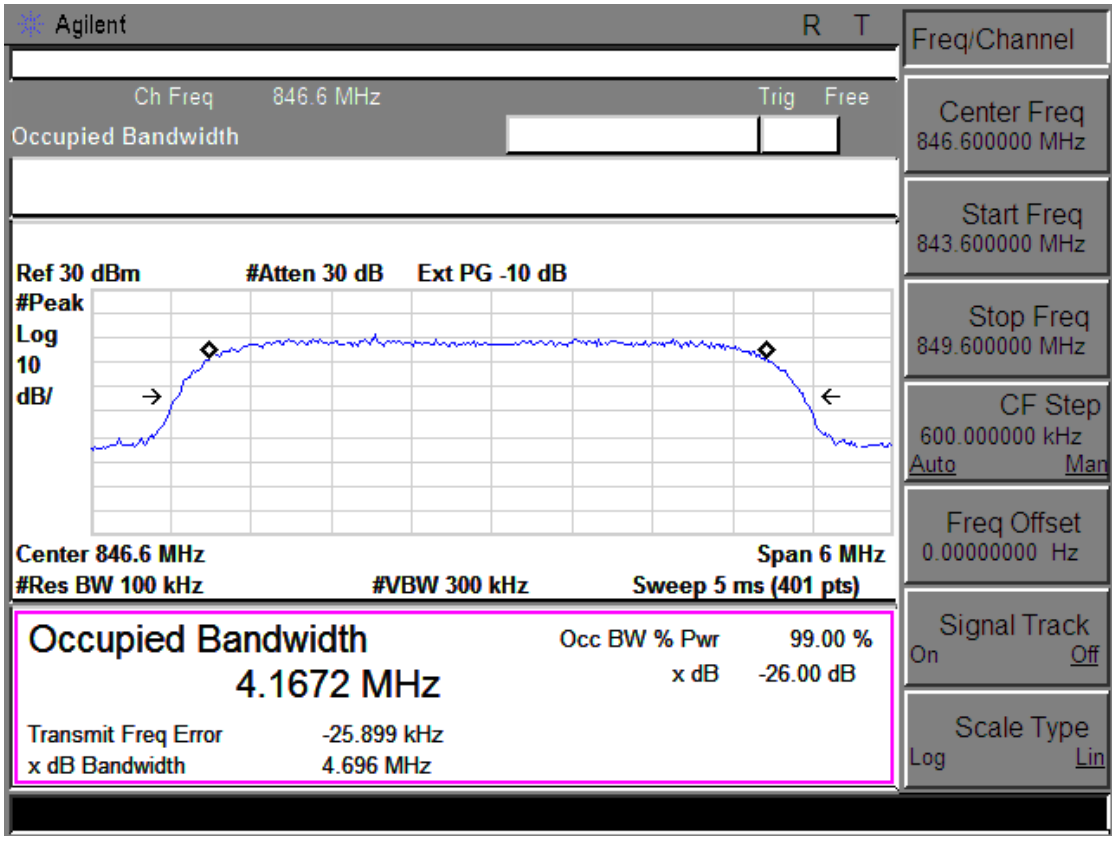
WCDMA BAND V CH4132



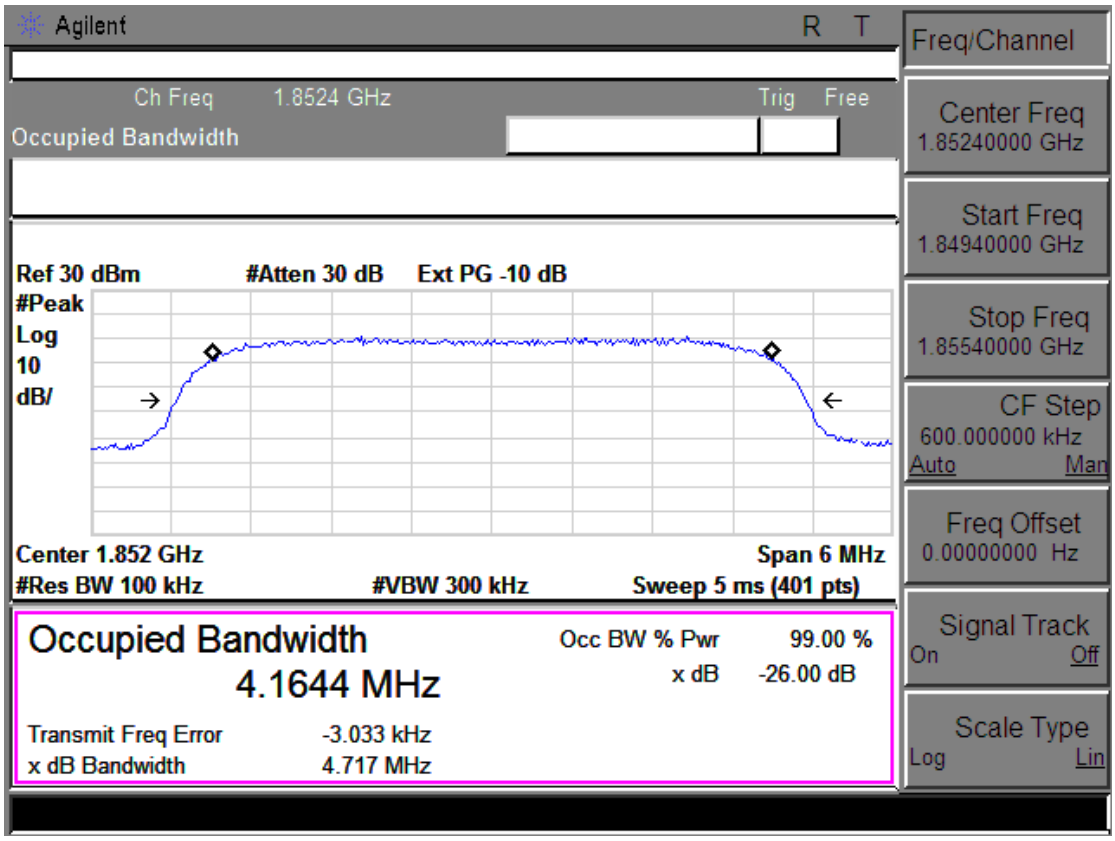
WCDMA BAND V CH4182



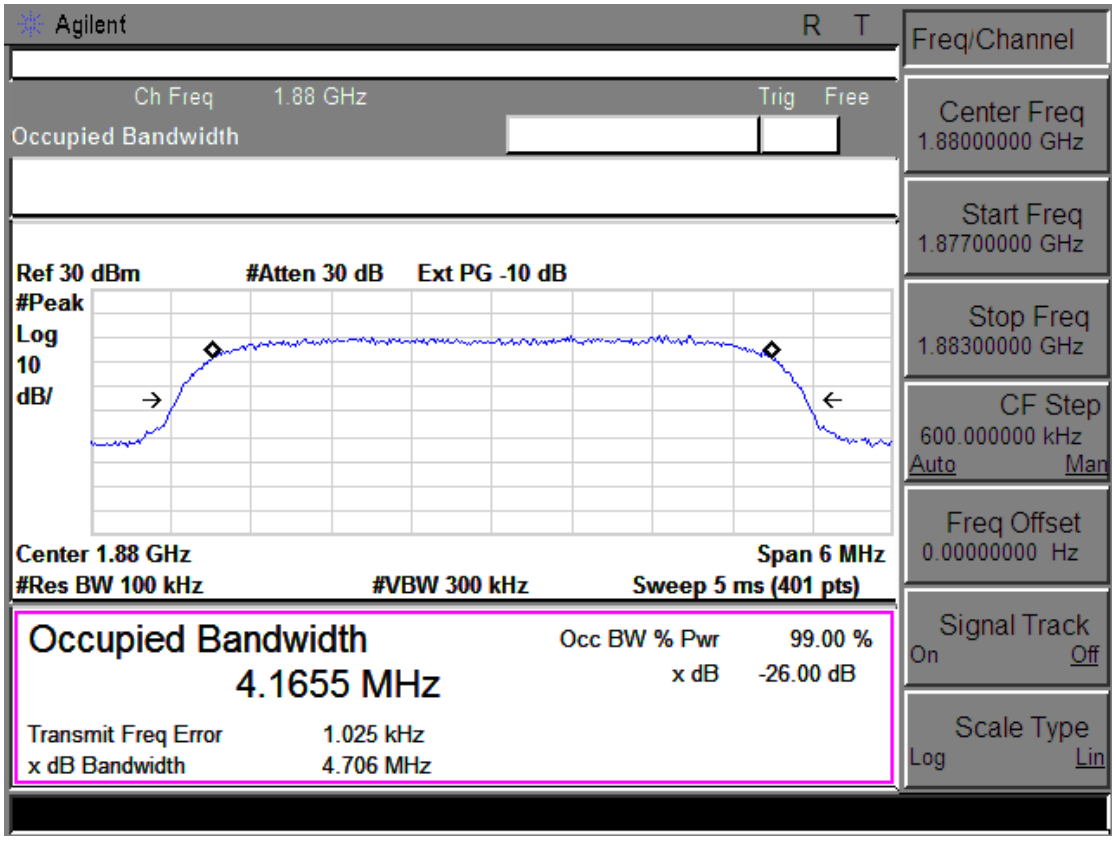
WCDMA BAND V CH4233



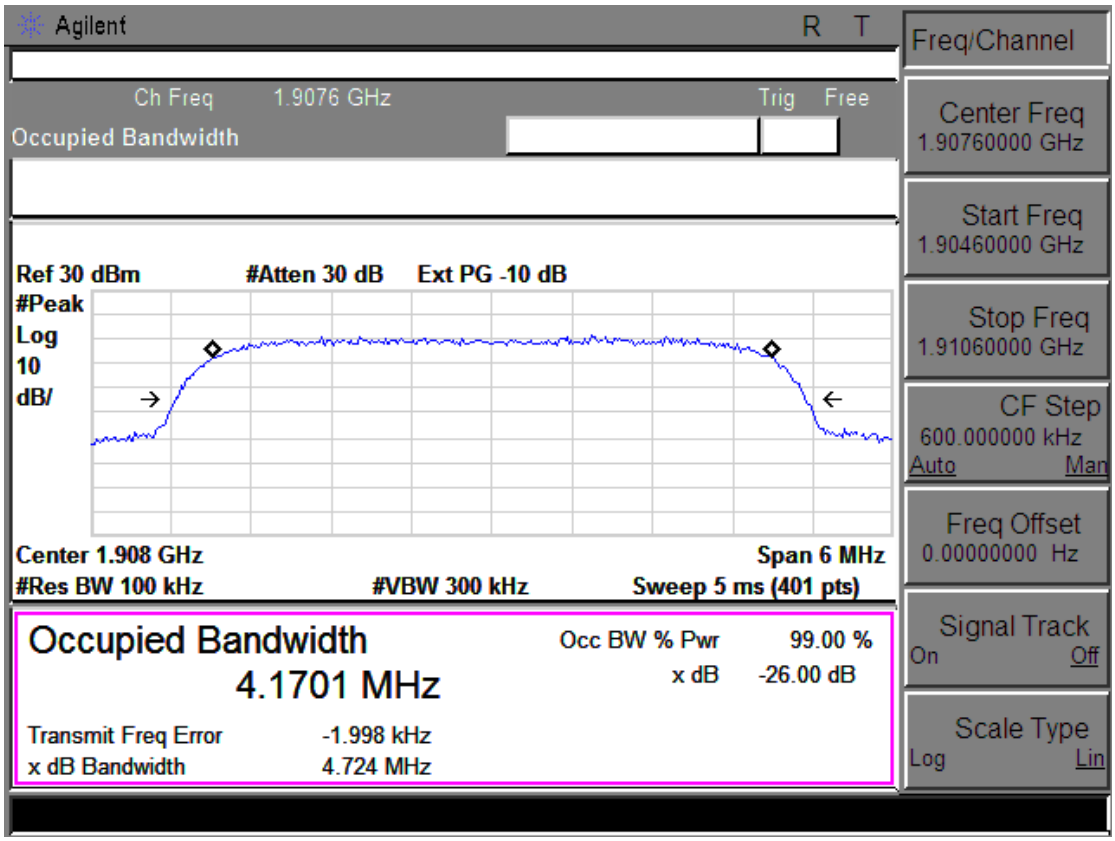
WCDMA BAND II CH9262



WCDMA BAND II CH9400

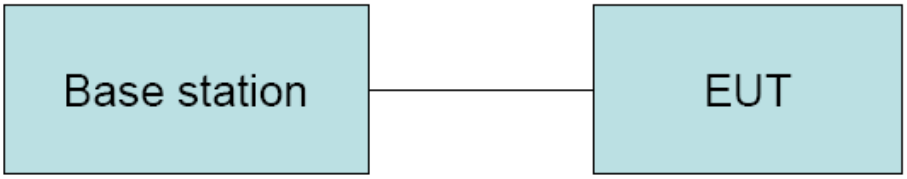


WCDMA BAND II CH9538



6. Frequency stability

6.1. Block Diagram of Test Setup



6.2. Limit

Cellular Telephone 850MHz	PCS 1900MHz
± 2.5 ppm	Must stay within the authorized frequency block

6.3. Test Procedure

Test Procedures for Temperature Variation:

1. The EUT was set up in the thermal chamber and connected with the base station.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized for three hours. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power ON, 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.

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 DC 5V to 3.5V
3. The variation in frequency was measured for the worst case.

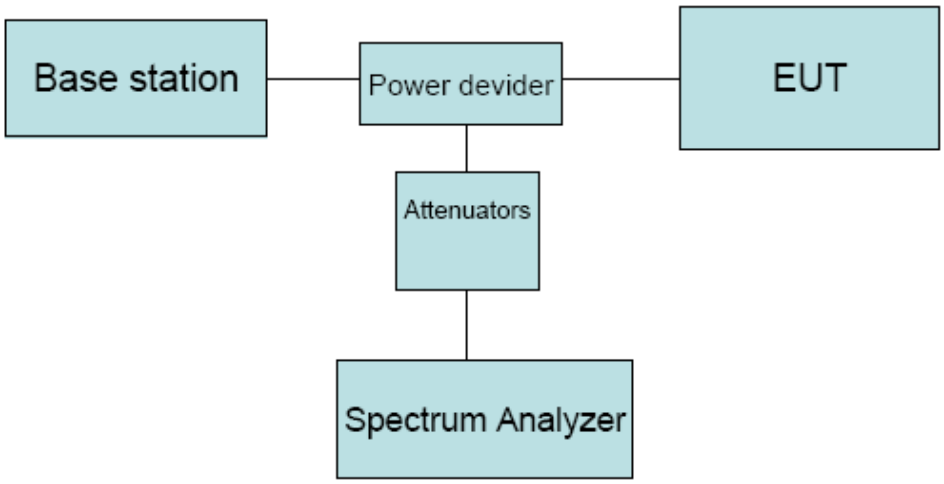
6.4. Test Result

EUT: Smart phone M/N:Flair6.0			
Power: DC 5V from adapter			
Ambient Temperature:23℃		Relative Humidity: 60%	
Test date: 2014-07-31		Test site: RF site	Tested by: Simple Guan
Conclusion: PASS			
Mode	Voltage (V)	Frequency error (Hz)	frequency error (ppm)
WCDMA BAND V RMC 12.2kbps CH4182	5V	27.83	0.033
	4.5V	32.26	0.039
	4V	35.13	0.042
	3.5V	-33.58	-0.04
	3V	31.29	0.037
WCDMA BAND II RMC 12.2kbps CH9400	5V	42.07	0.022
	4.5V	41.83	0.022
	4V	45.57	0.024
	3.5V	-46.24	-0.025
	3V	-41.34	-0.022

Mode	Temperature (℃)	Frequency error (Hz)	frequency error (ppm)
WCDMA BAND V RMC 12.2kbps CH 4182	-30	43.28	0.052
	-20	42.18	0.050
	-10	36.58	0.044
	0	-33.72	-0.040
	10	-34.68	-0.041
	20	-37.53	-0.045
	30	35.41	0.042
	40	26.21	0.031
	50	-40.47	-0.048
WCDMA BAND II RMC 12.2kbps CH 9400	-30	59.89	0.032
	-20	61.21	0.033
	-10	54.83	0.029
	0	46.21	0.025
	10	60.04	0.032
	20	-51.25	-0.027
	30	42.84	0.023
	40	57.09	0.030
	50	51.58	0.027

7. Conducted spurious emissions

7.1. Block Diagram of Test Setup



7.2. Limit

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least (43 + 10 log P) dB, in this case, -13dBm.

7.3. Test Procedure

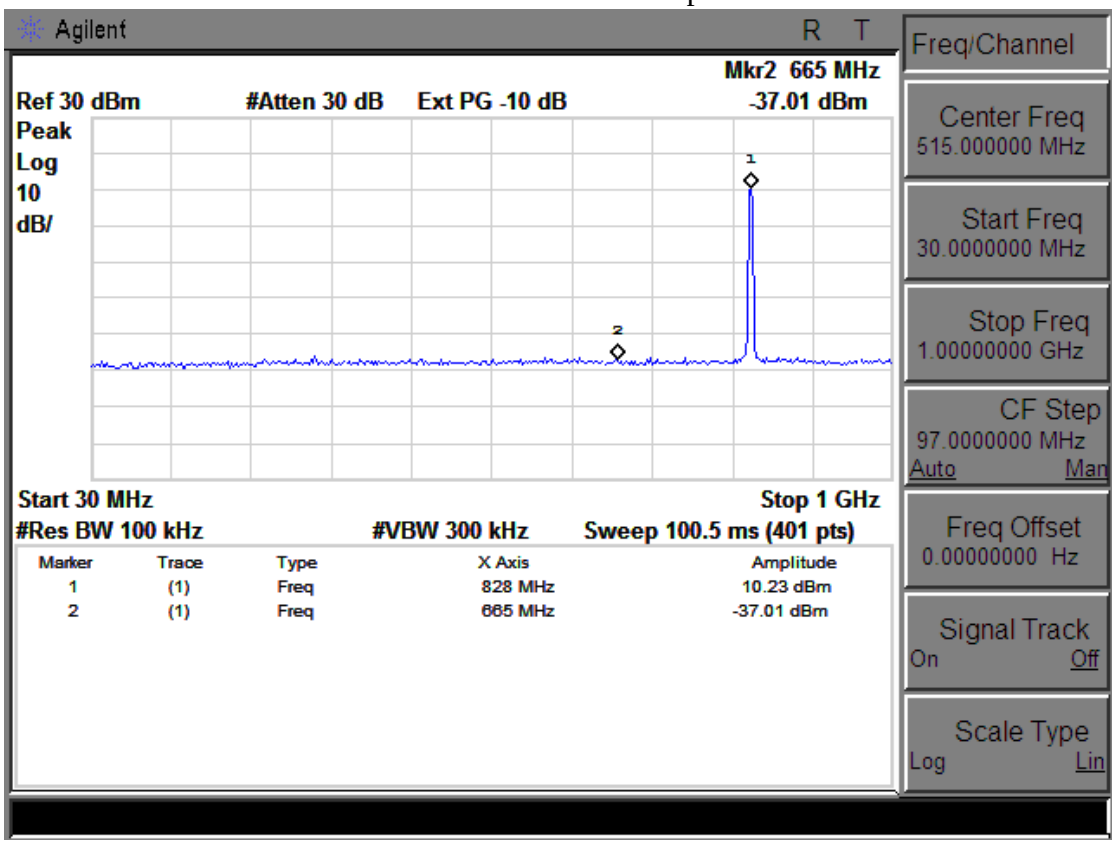
1. The EUT was connected to spectrum analyzer and base station via power divider.

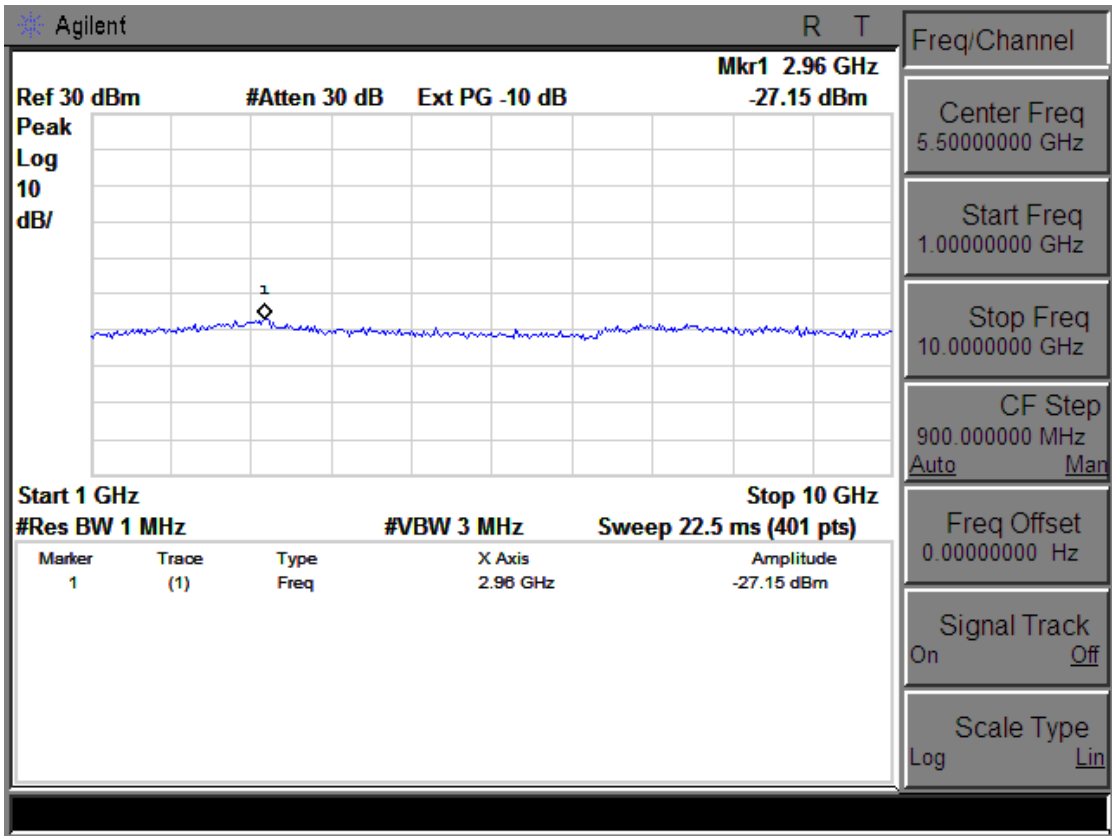
2. The low, middle and high channels of each band and mode's spurious emissions for 30MHz to 10th Harmonic were measured by Spectrum analyzer.

7.4. Test Result

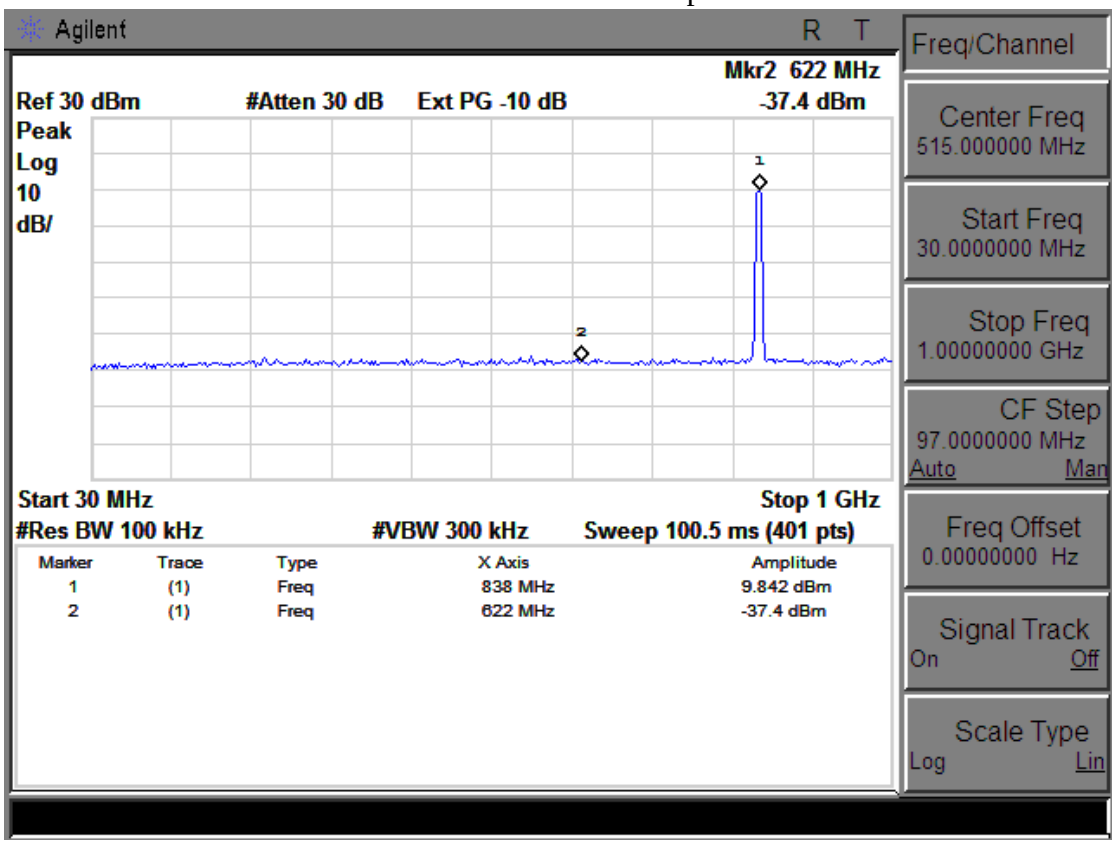
PASS

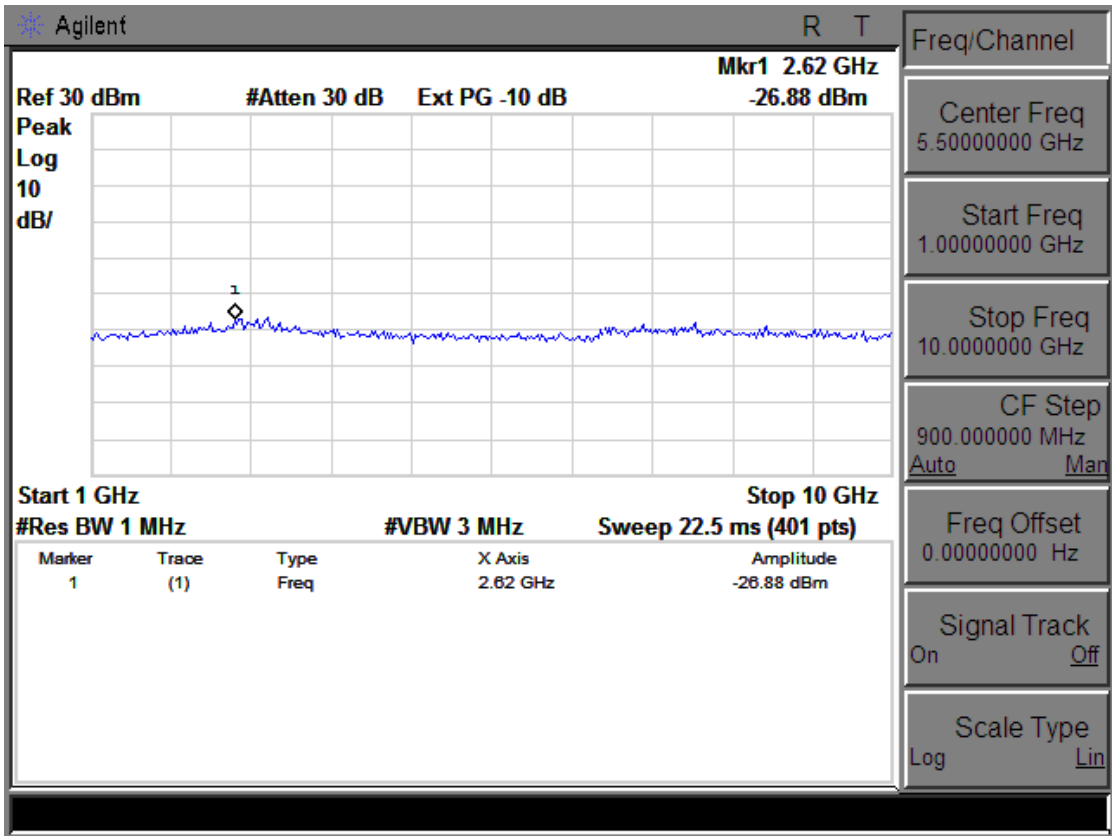
Test Mode: WCDMA BAND V RMC 12.2kbps CH4132



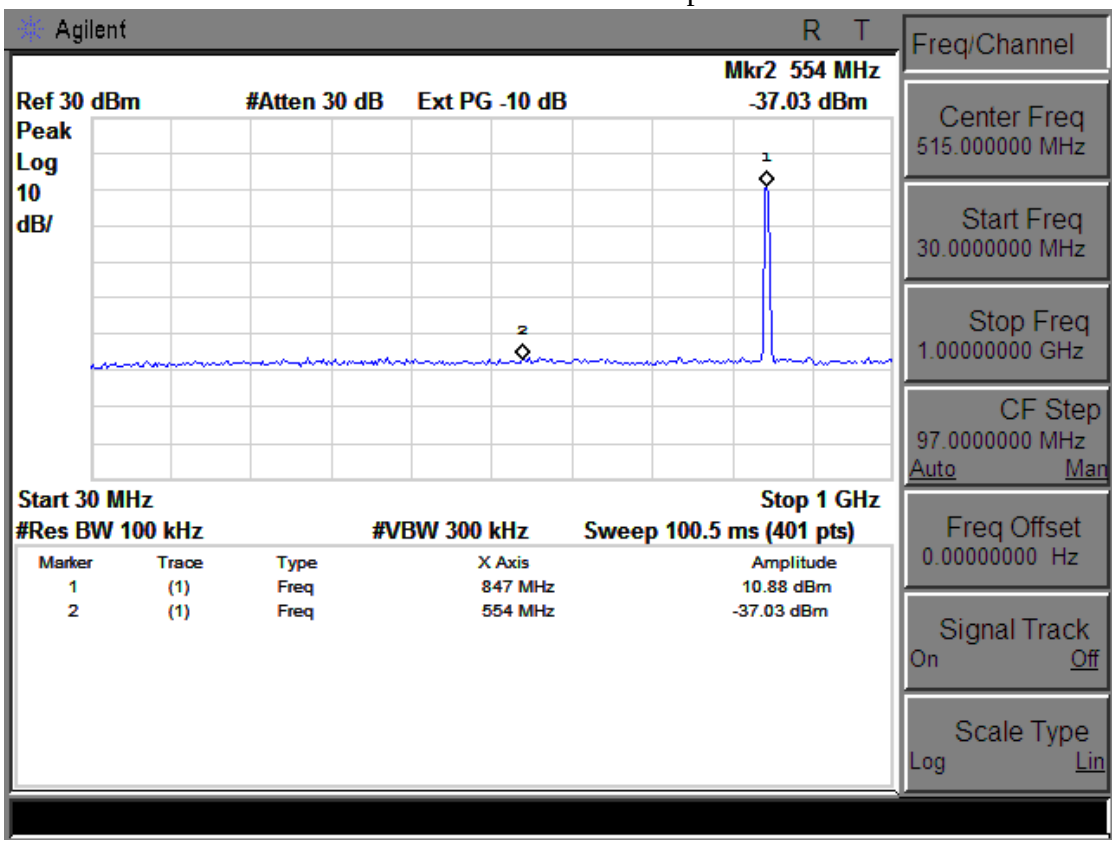


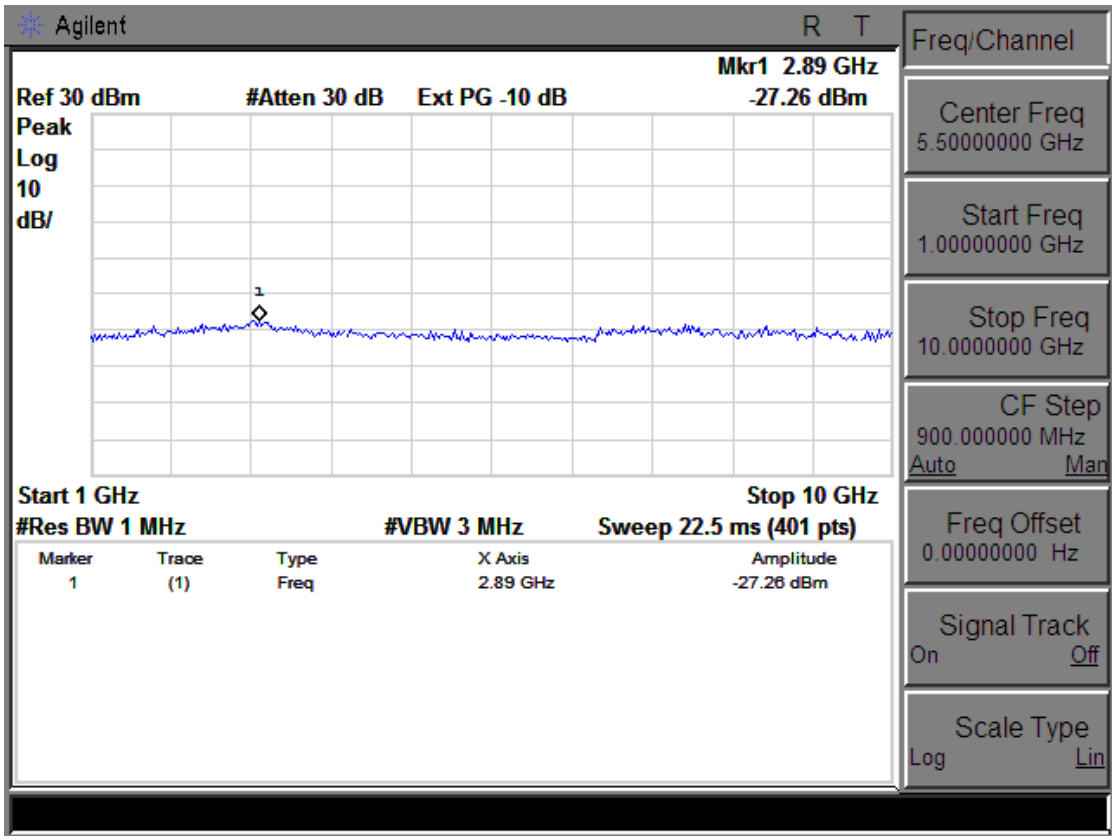
Test Mode: WCDMA BAND V RMC 12.2kbps CH4182



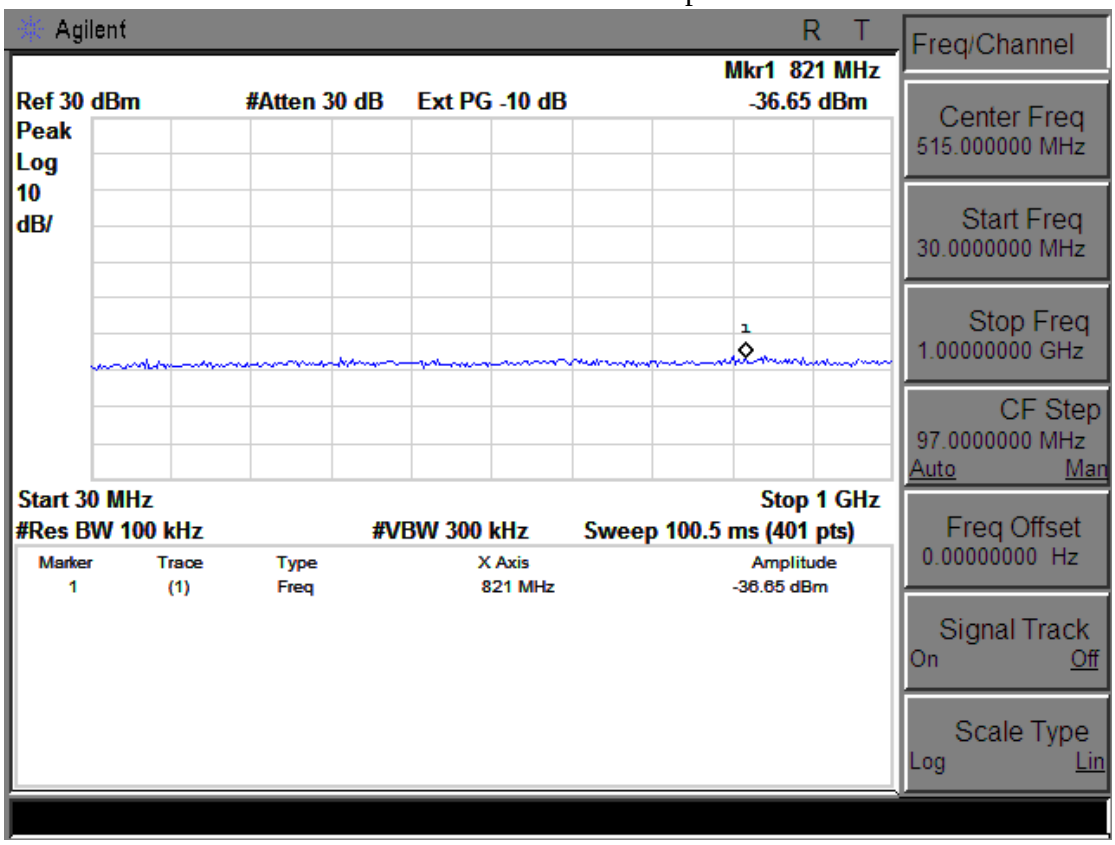


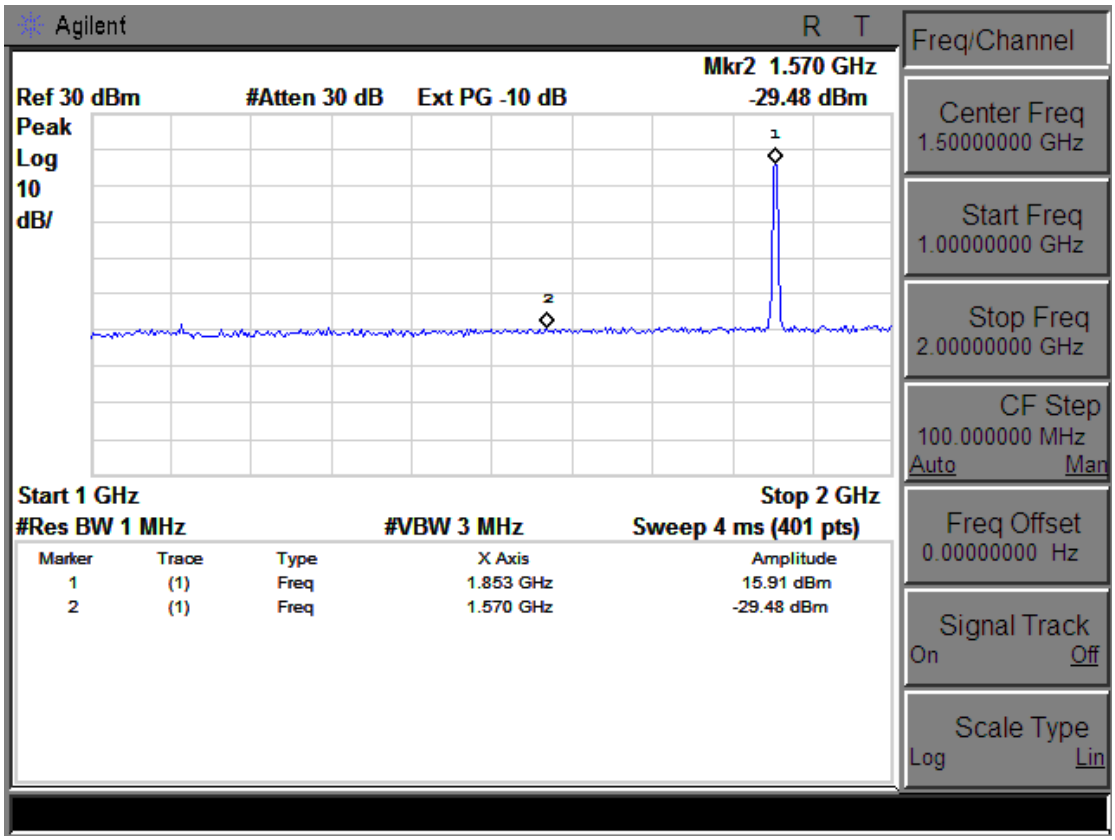
Test Mode: WCDMA BAND V RMC 12.2kbps CH4233

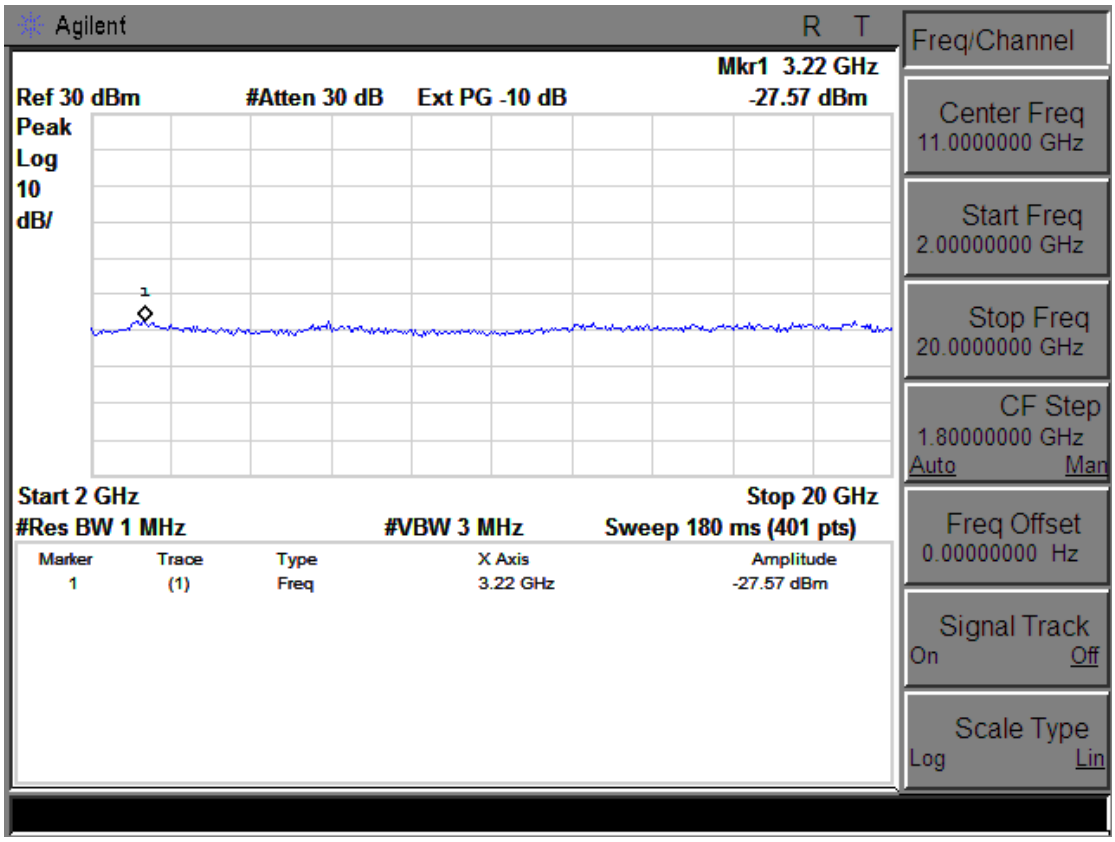




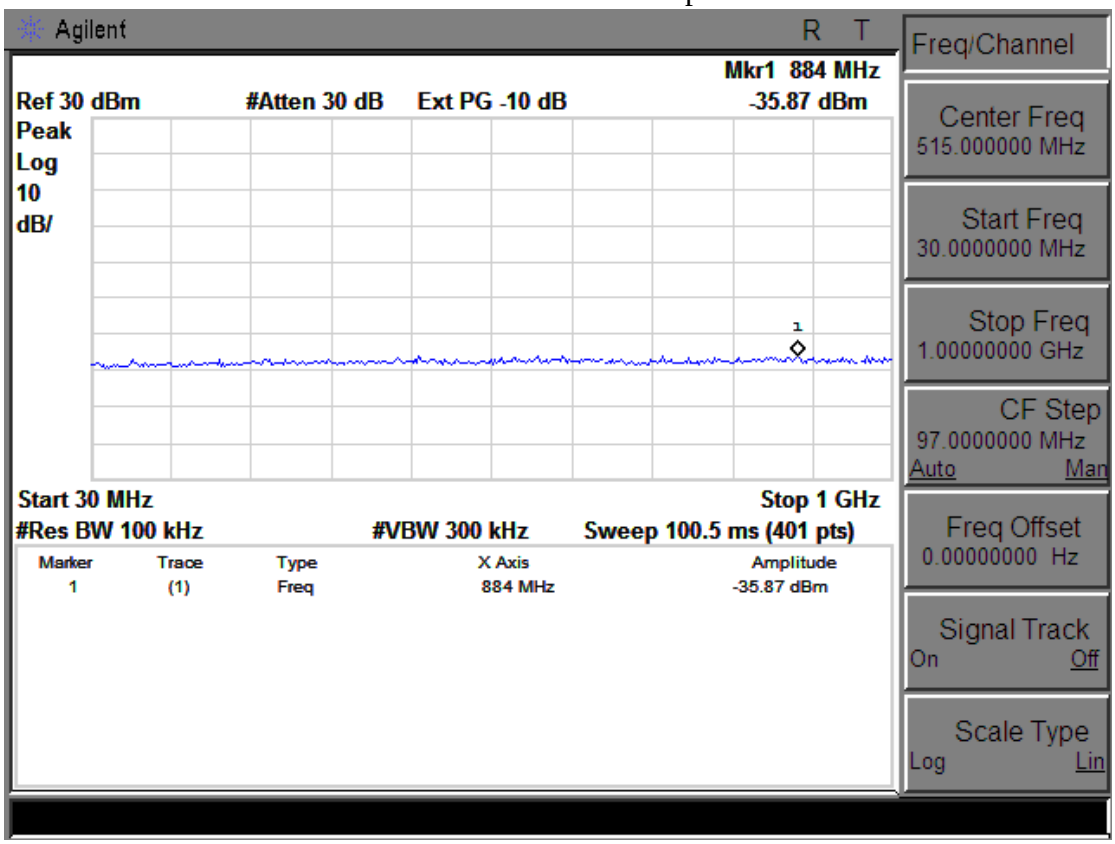
Test Mode: WCDMA BAND II RMC 12.2kbps CH9262

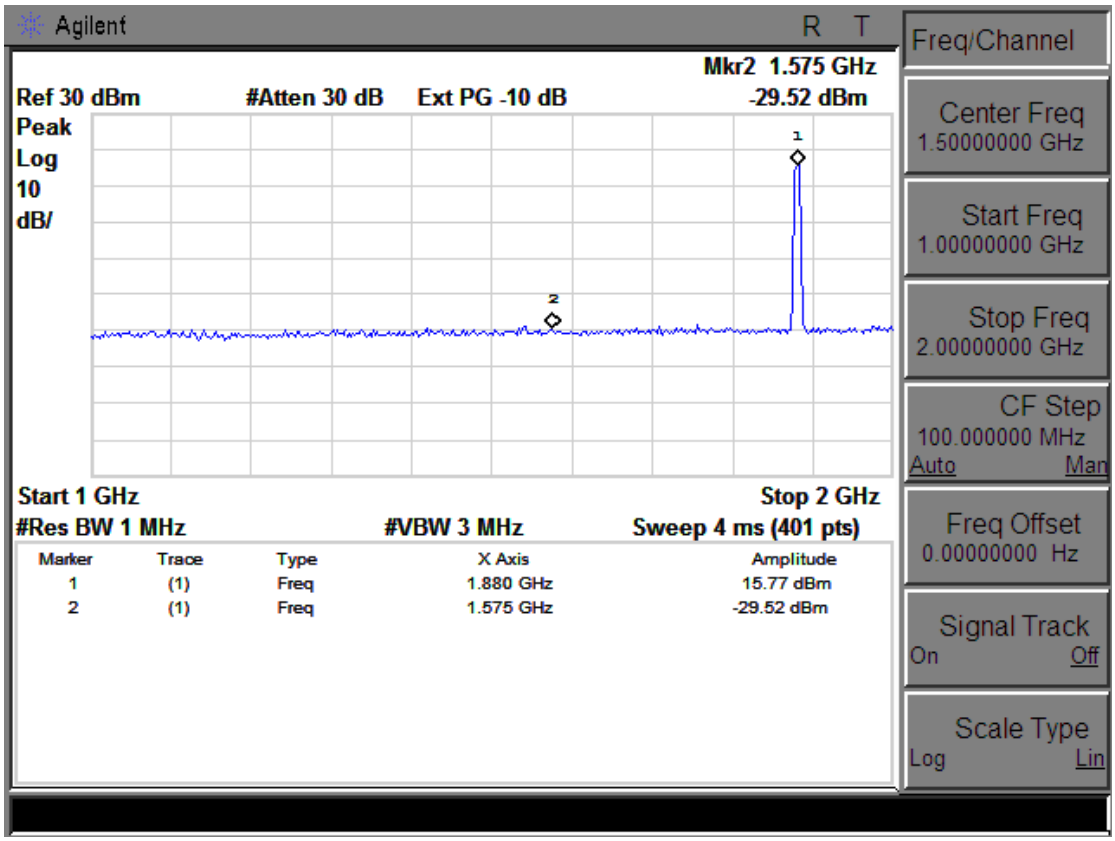


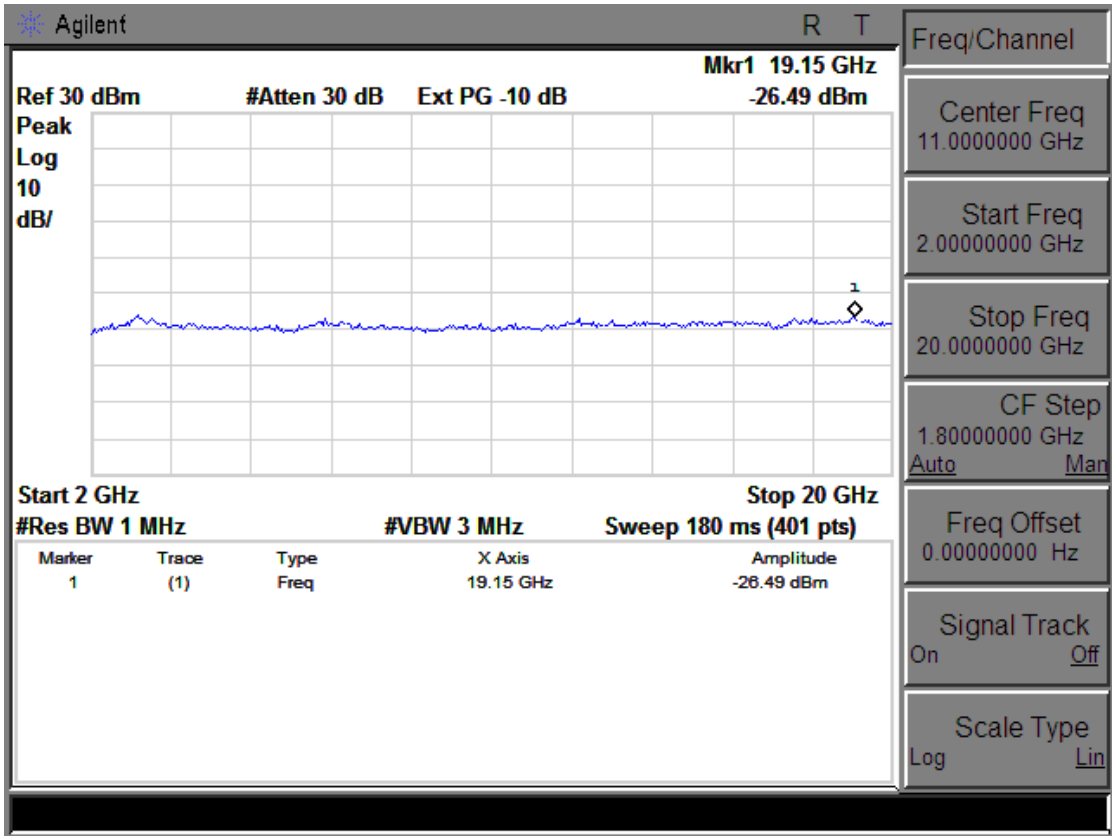




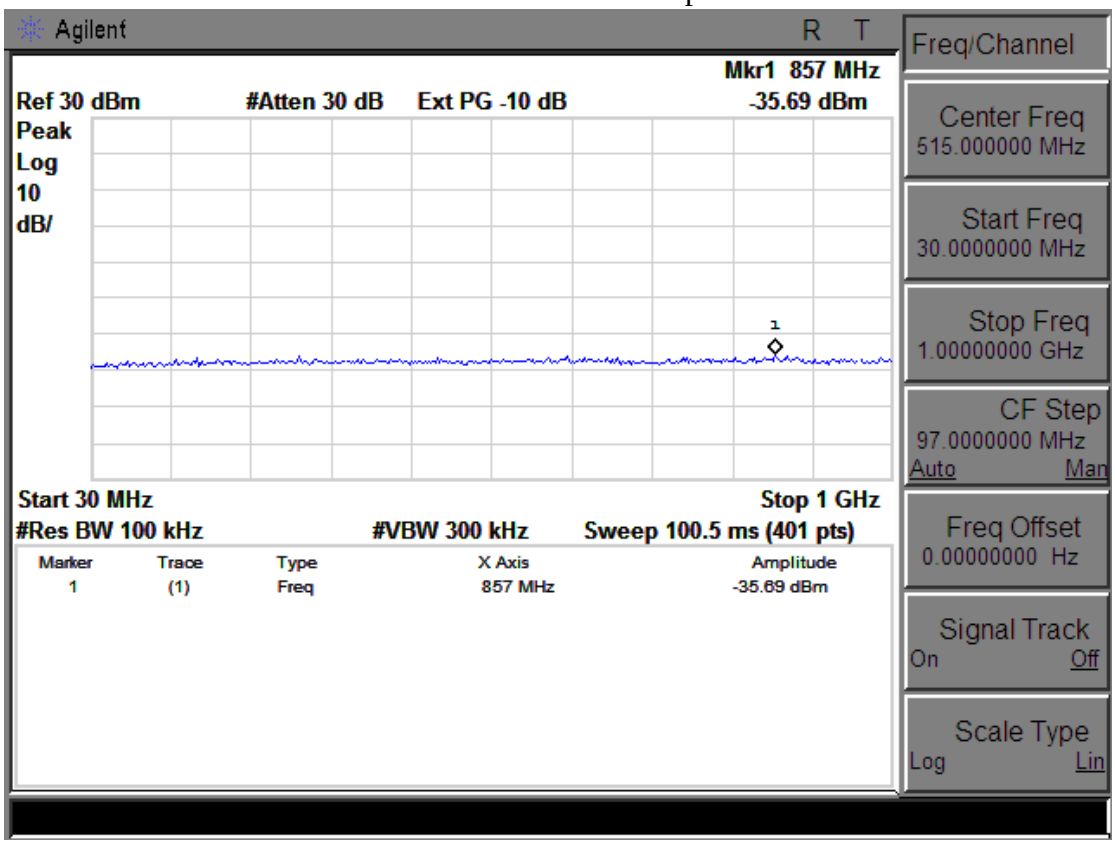
Test Mode: WCDMA BAND II RMC 12.2kbps CH9400

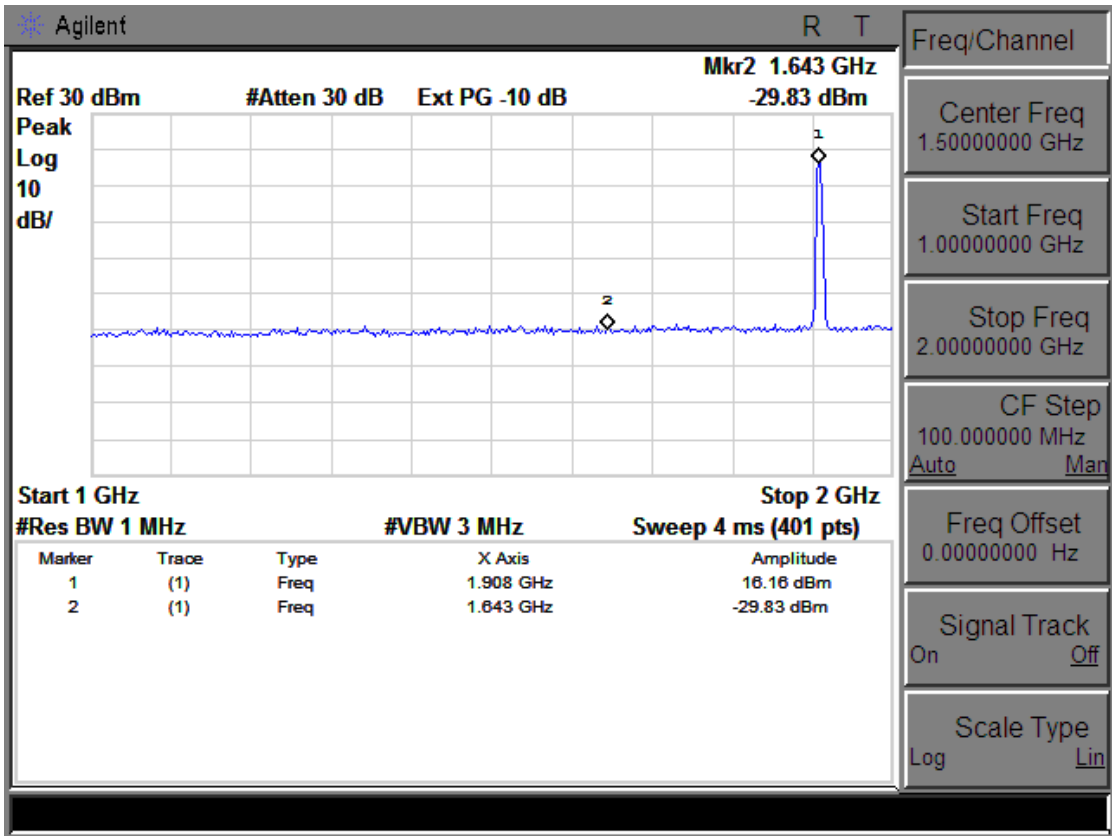


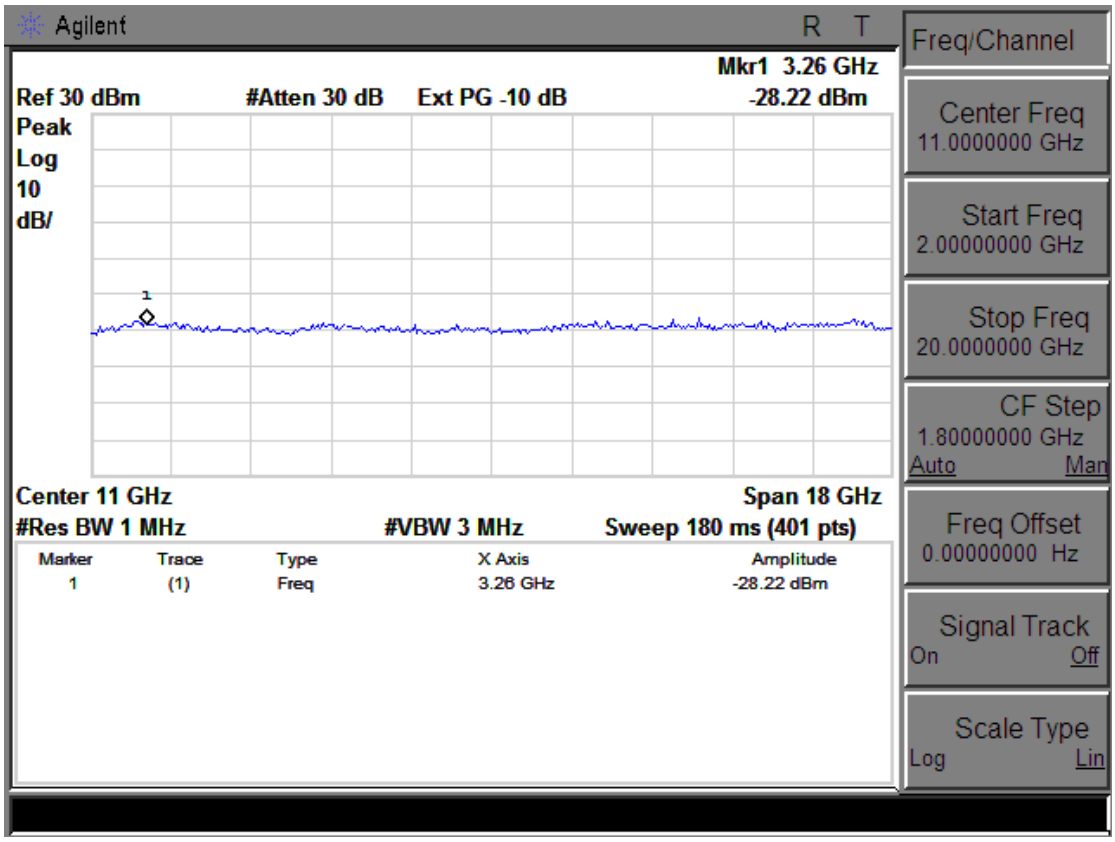

Agilent
R T
Mkr2 1.575 GHz
Ref 30 dBm
#Atten 30 dB
Ext PG -10 dB
-29.52 dBm
Peak
Log
10
dB/
Start 1 GHz
Stop 2 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 4 ms (401 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 1.880 GHz 15.77 dBm
2 (1) Freq 1.575 GHz -29.52 dBm
Freq/Channel
Center Freq
1.50000000 GHz
Start Freq
1.00000000 GHz
Stop Freq
2.00000000 GHz
CF Step
100.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Scale Type
Log Lin


Agilent
R T
Mkr1 19.15 GHz
Ref 30 dBm
#Atten 30 dB
Ext PG -10 dB
-26.49 dBm
Peak
Log
10
dB/
Start 2 GHz
Stop 20 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 180 ms (401 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 19.15 GHz -26.49 dBm
Freq/Channel
Center Freq
11.0000000 GHz
Start Freq
2.00000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.80000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Scale Type
Log Lin

Test Mode: WCDMA BAND II RMC 12.2kbps CH9538

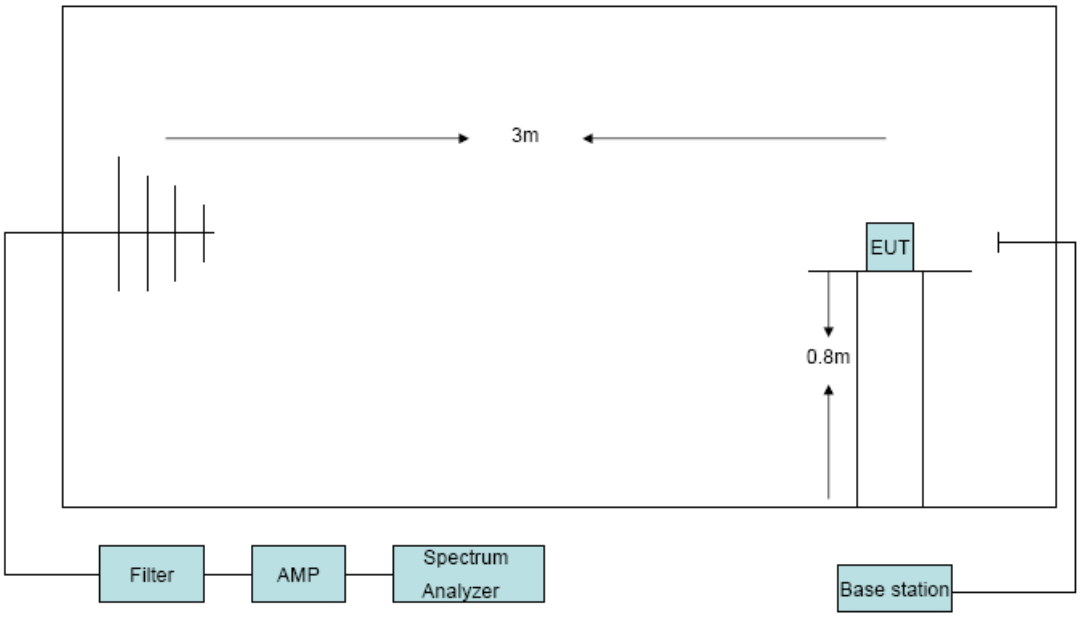





Agilent
R T
Mkr1 3.26 GHz
Ref 30 dBm
#Atten 30 dB
Ext PG -10 dB
-28.22 dBm
Peak
Log
10
dB/
1
Center 11 GHz
Span 18 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 180 ms (401 pts)
Marker
Trace
Type
X Axis
Amplitude
1
(1)
Freq
3.26 GHz
-28.22 dBm
Freq/Channel
Center Freq
11.0000000 GHz
Start Freq
2.00000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.80000000 GHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

8. Radiated spurious emissions

8.1. Block Diagram of Test Setup



8.2. Limit

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least (43 + 10 log P) dB, in this case, -13dBm.

8.3. Test Procedure

1. The EUT was placed on a non-conductive rotating platform with 0.8 meter height in an anechoic chamber. The radiated spurious emissions from 30MHz to 10th harmonious of fundamental frequency were measured at 3m with a test antenna and a spectrum analyzer with RBW= 1MHz, VBW= 1MHz, peak detector settings.
2. During the measurement, the EUT was enforced in maximum power and linked with a base station. All the spurious emissions (record as LVL) at 3m were measured by rotation of the turntable and the test antenna raised and lowered over a range from 1 to 4 meters in both horizontally and vertically polarized orientations.
3. Final spurious emissions levels were measured by substitution method according to TIA/EIA-603-C. The EUT was replaced by dipole antenna (for frequency below 1GHz) or Horn antenna (for frequency above 1GHz) at same location with same polarize of receiver antenna and then a known power of each measure frequency from S.G. was applied into the dipole antenna or Horn antenna through a test cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna. The

correction factor (in dB) = S.G. - test Cable loss + Substitution antenna gain –Substitution antenna Loss (only for Dipole antenna) - Analyzer reading. Then final spurious emissions were calculated with the correction factor, EIRP= LVL + Correction factor and ERP = EIRP – 2.15

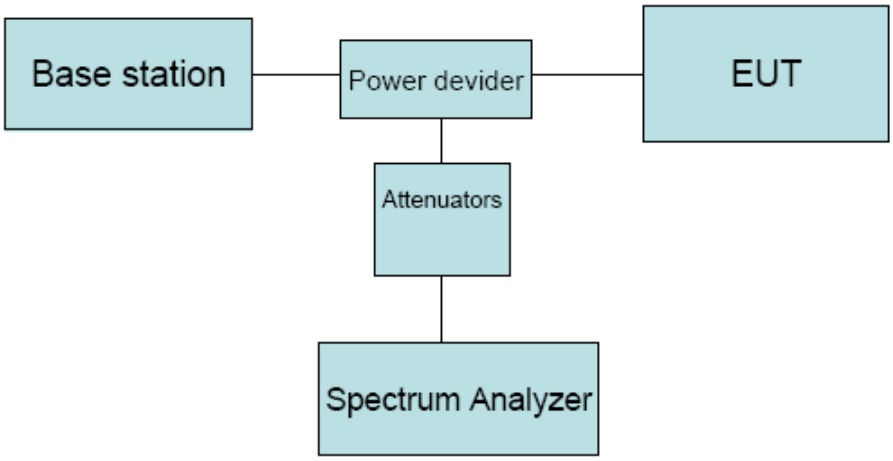
8.4. Test Result

EUT: Smart phone M/N:Flair6.0						
Power: DC 5V from adapter						
Test Date: 2014-07-31	Test site: RF Chamber		Tested by: Simple Guan			
Ambient Temperature: 24℃	Relative Humidity: 60%					
Conclusion: PASS						
Test result						
Test Mode: WCDMA BAND V RMC 12.2kbps CH4132						
Frequency (MHz)	Antenna polarization	LVL (dBm)	Correction factor(dB)	Result (ERP) (dBm)	Limit (dBm)	Margin (dB)
1652.8	H	-55.89	11.50	-46.54	-13.00	33.54
1652.8	V	-54.21	10.56	-45.80	-13.00	32.80
Test Mode: WCDMA BAND V RMC 12.2kbps CH4182						
1673.2	H	-56.93	10.94	-48.14	-13.00	35.14
1673.2	V	-52.71	10.90	-43.96	-13.00	30.96
Test mode: WCDMA BAND V RMC 12.2kbps CH4233						
1693.2	H	-57.48	11.67	-47.96	-13.00	34.96
1693.2	V	-51.09	11.13	-42.11	-13.00	29.11
EIRP= LVL + Correction factor, and ERP = EIRP – 2.15						

Test Mode: WCDMA BAND II RMC 12.2kbps CH9262						
Frequency (MHz)	Antenna polarization	LVL (dBm)	Correction factor(dB)	Result (EIRP)(dBm)	Limit (dBm)	Margin (dB)
3704.8	H	-53.38	8.57	-44.81	-13.00	31.81
3704.8	V	-50.12	8.37	-41.75	-13.00	28.75
Test Mode: WCDMA BAND II RMC 12.2kbps CH9400						
3760	H	-52.71	8.75	-43.96	-13.00	30.96
3760	V	-48.69	8.55	-40.14	-13.00	27.14
Test mode: WCDMA BAND II RMC 12.2kbps CH9538						
3815.2	H	-52.59	8.94	-43.65	-13.00	30.65
3815.2	V	-51.47	8.72	-42.75	-13.00	29.75
Note: All the other emissions not recorded were too low to read, and deemed to comply with limit.						
EIRP= LVL + Correction factor and ERP = EIRP – 2.15						

9. Band Edge Compliance

9.1. Block Diagram of Test Setup



9.2. Limit

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least (43 + 10 log P) dB, in this case, -13dBm.

9.3. Test Procedure

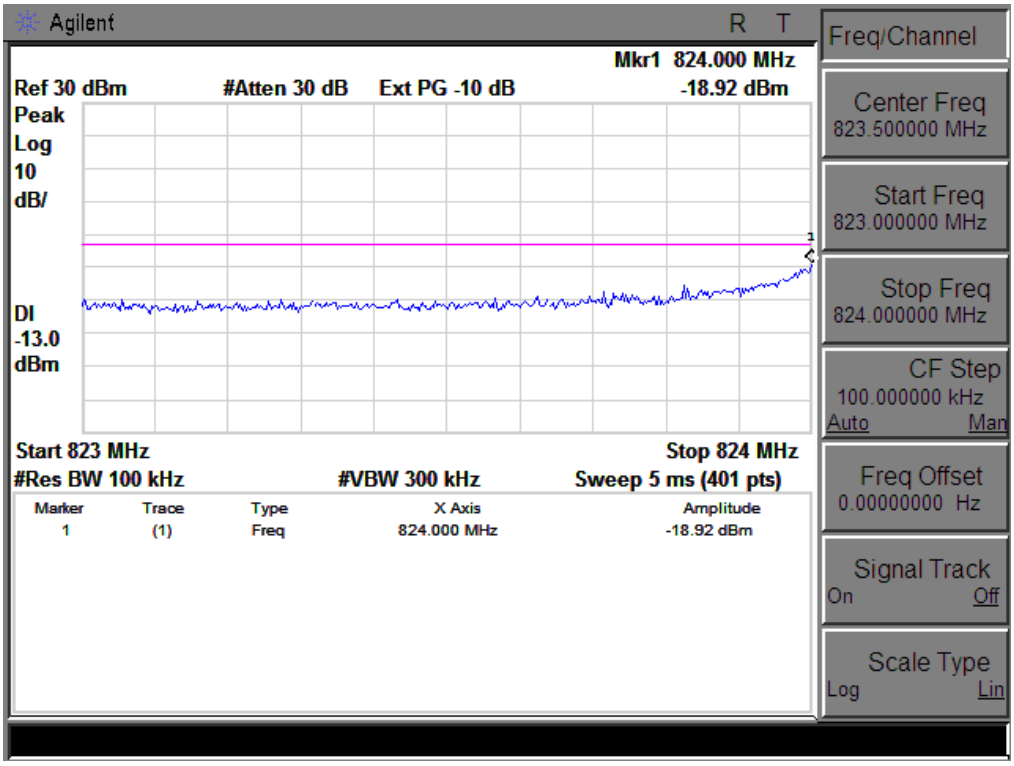
1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The band edges of low and high channels for the highest RF powers were measured.

9.4. Test Result

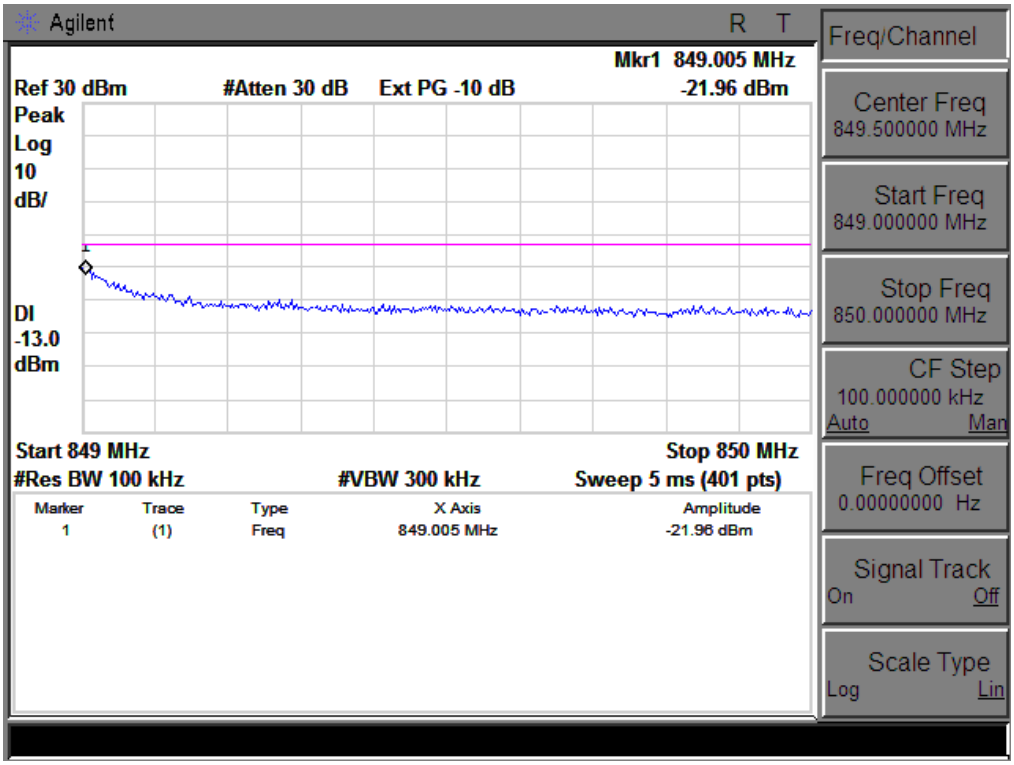
PASS

Test Mode: WCDMA BAND V RMC 12.2kbps

Transmit at the lowest channel:

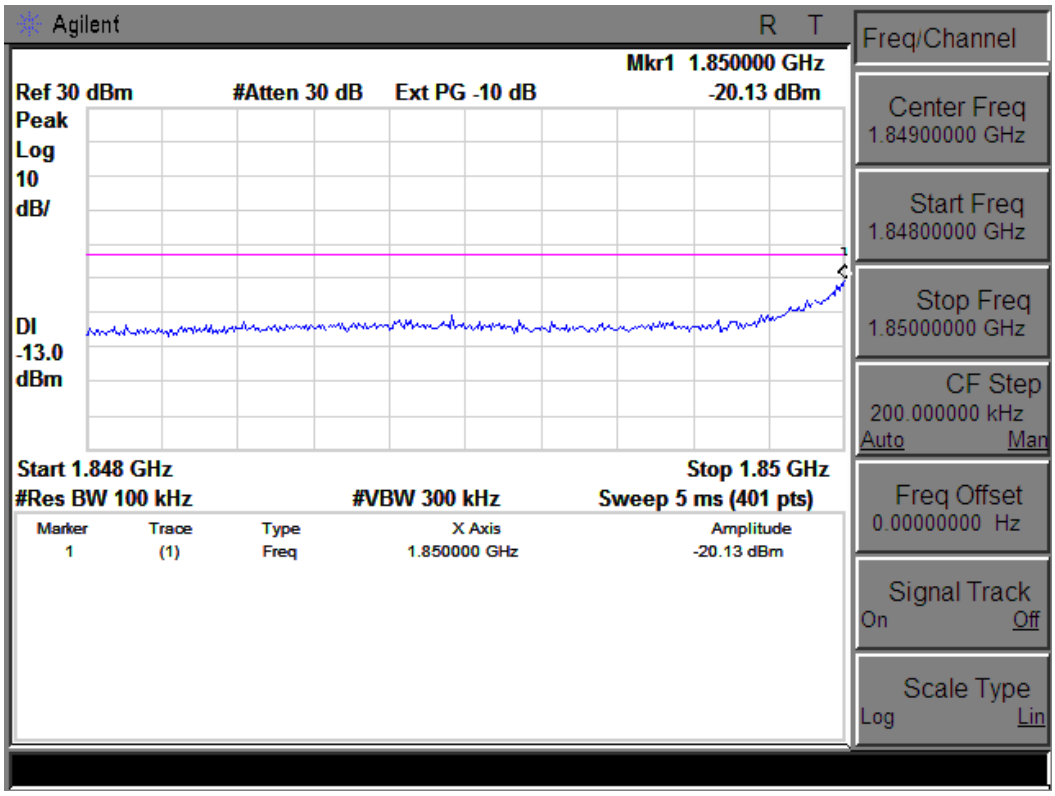


Transmit at the highest channel:

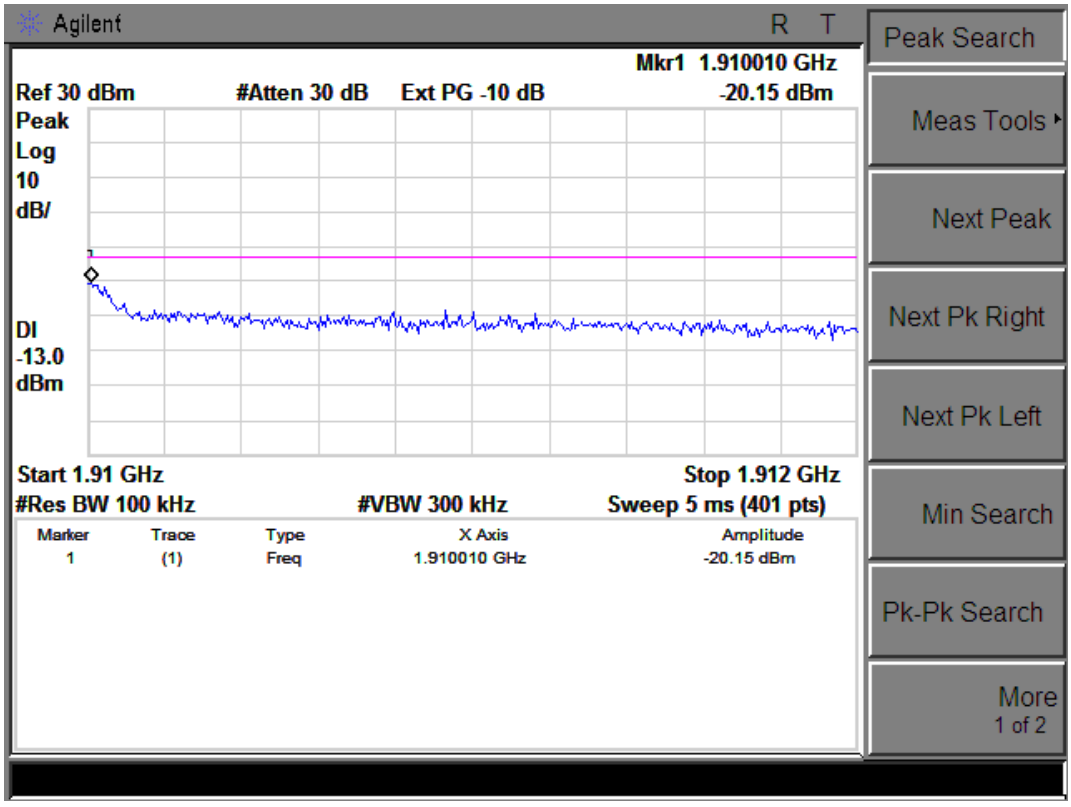


Test Mode: WCDMA BAND II RMC 12.2kbps

Transmit at the lowest channel:

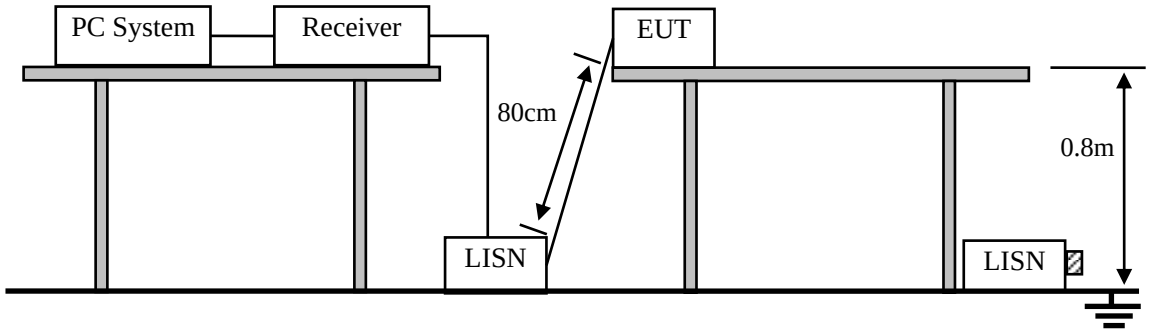


Transmit at the highest channel:



10. Power line conducted emission

10.1. Block Diagram of Test Setup



10.2. Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

10.3. Test Procedure

(1) The EUT was placed on a non-metallic table, 80cm above the ground plane.

(2) Setup the EUT and simulator as shown in 10.1

(3) The EUT Power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N1), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4 2009 and ANSI C64.10:2009 on conducted Emission test.

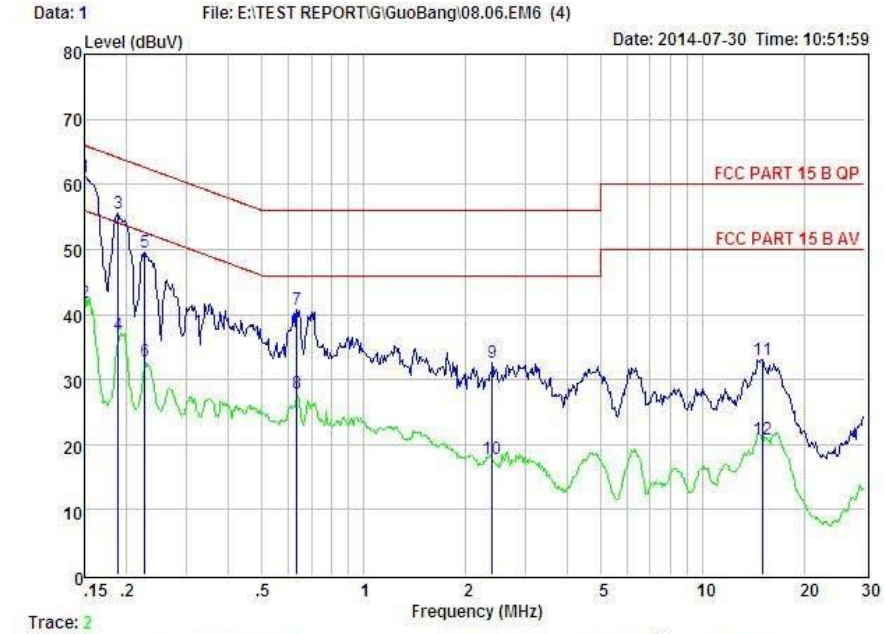
(4) The bandwidth of test receiver is set at 10 KHz.

(5) The frequency range from 150 KHz to 30MHz is checked.

10.4.Test Result

PASS. (See below detailed test data)

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 Fax: +86-755-26736857
Website: http://www.cessz.com Email:Service@cessz.com

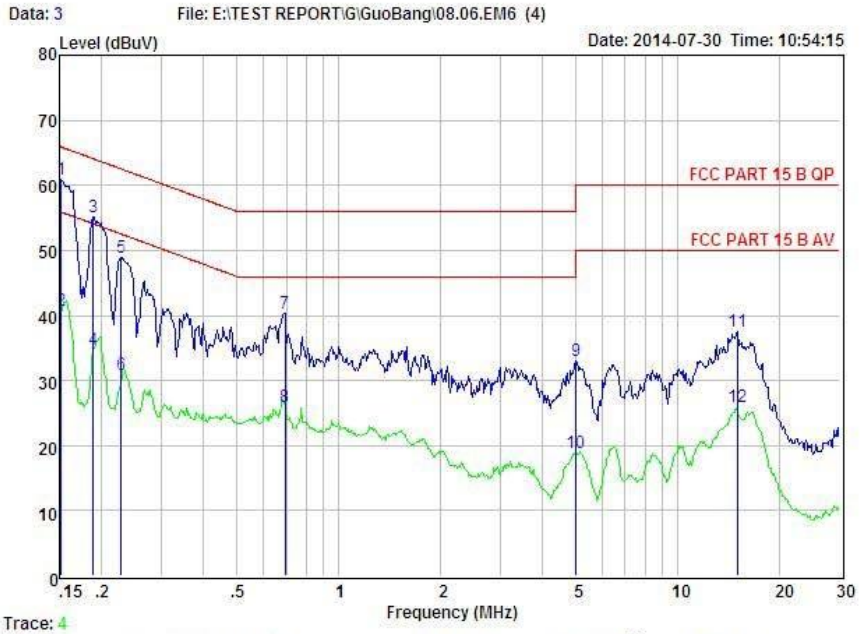


Condition : FCC PART 15 B QP POL: NEUTRAL Temp:24 ℃ Hum:56 %
EUT : Smart phone
Model No : Flair6.0
Test Mode : Link Mode
Power : DC 5V From Adapter AC 120V/60Hz
Test Engineer: Simple
Remark :

Item	Freq	Read	LISN Factor	Preamp Factor	Cable Lose	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	0.150	51.35	0.03	-9.72	0.10	61.20	66.00	-4.80	QP
2	0.150	32.00	0.03	-9.72	0.10	41.85	56.00	-14.15	Average
3	0.188	45.64	0.03	-9.72	0.10	55.49	64.11	-8.62	QP
4	0.188	27.00	0.03	-9.72	0.10	36.85	54.11	-17.26	Average
5	0.226	39.68	0.03	-9.72	0.10	49.53	62.61	-13.08	QP
6	0.226	23.00	0.03	-9.72	0.10	32.85	52.61	-19.76	Average
7	0.634	30.88	0.03	-9.72	0.10	40.73	56.00	-15.27	QP
8	0.634	18.00	0.03	-9.72	0.10	27.85	46.00	-18.15	Average
9	2.396	22.75	0.06	-9.70	0.11	32.62	56.00	-23.38	QP
10	2.396	8.00	0.06	-9.70	0.11	17.87	46.00	-28.13	Average
11	14.986	23.12	0.24	-9.38	0.23	32.97	60.00	-27.03	QP
12	14.986	11.00	0.24	-9.38	0.23	20.85	50.00	-29.15	Average

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

Shenzhen Certification Technology Service Co., Ltd.
2F, Building B, East Area of Nanchang Second Industrial Zone,
Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Tel: 4006786199 Fax: +86-755-26736857
Website: http://www.cessz.com Email:Service@cessz.com



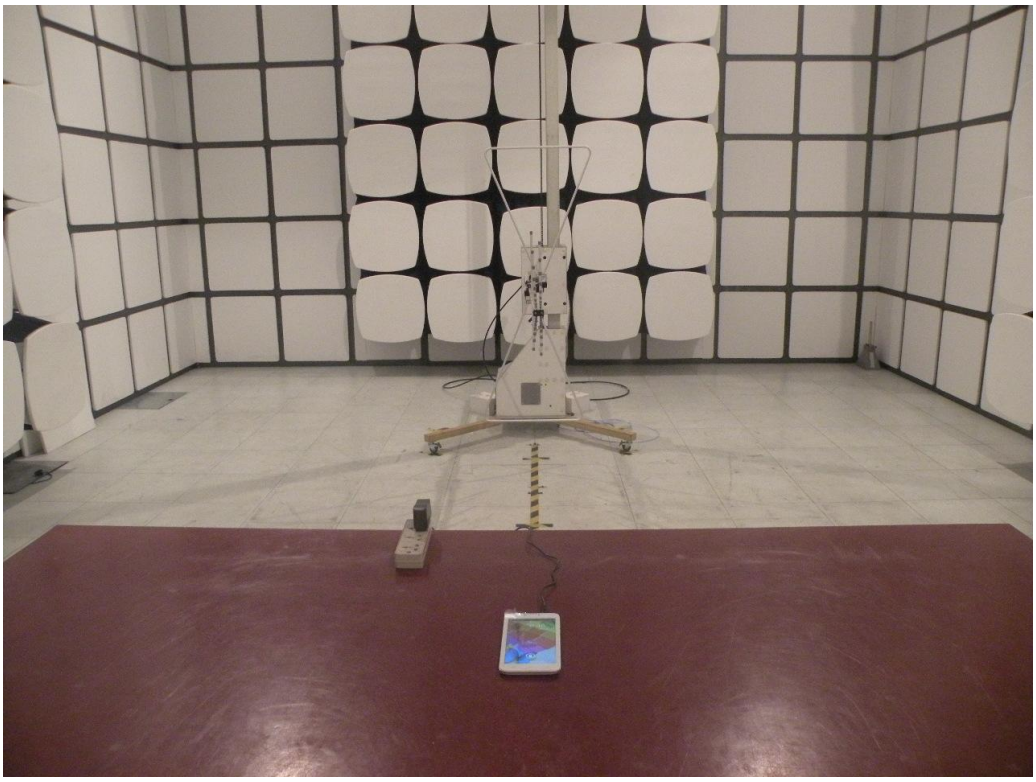
Condition : FCC PART 15 B QP POL: LINE Temp:24 ℃ Hum:56 %
EUT : Smart phone
Model No : Flair6.0
Test Mode : Link Mode
Power : DC 5V From Adapter AC 120V/60Hz
Test Engineer: Simple
Remark :

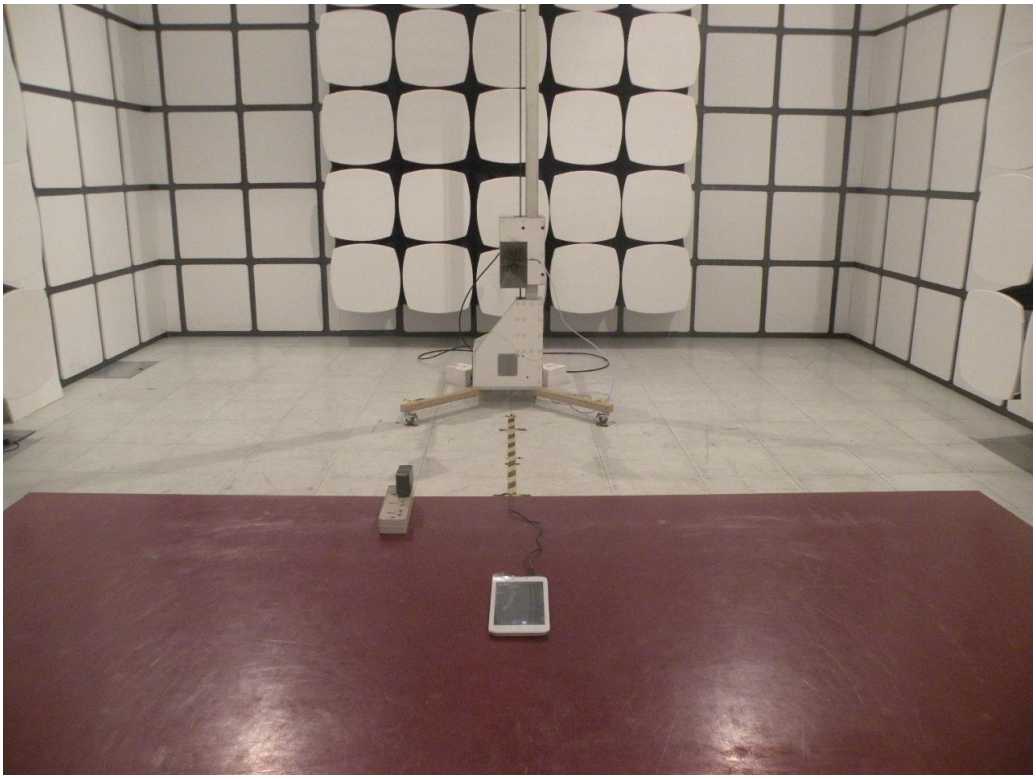
Item	Freq	Read	LISN Factor	Preamp Factor	Cable Lose	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	0.152	51.00	0.03	-9.72	0.10	60.85	65.91	-5.06	QP
2	0.152	31.00	0.03	-9.72	0.10	40.85	55.91	-15.06	Average
3	0.188	45.30	0.03	-9.72	0.10	55.15	64.11	-8.96	QP
4	0.188	25.00	0.03	-9.72	0.10	34.85	54.11	-19.26	Average
5	0.228	39.15	0.03	-9.72	0.10	49.00	62.52	-13.52	QP
6	0.228	21.00	0.03	-9.72	0.10	30.85	52.52	-21.67	Average
7	0.694	30.47	0.04	-9.72	0.10	40.33	56.00	-15.67	QP
8	0.694	16.00	0.04	-9.72	0.10	25.86	46.00	-20.14	Average
9	5.005	23.05	0.10	-9.68	0.12	32.95	60.00	-27.05	QP
10	5.005	9.00	0.10	-9.68	0.12	18.90	50.00	-31.10	Average
11	14.986	27.61	0.24	-9.38	0.23	37.46	60.00	-22.54	QP
12	14.986	16.00	0.24	-9.38	0.23	25.85	50.00	-24.15	Average

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

11. Test setup photo

Photographs-Radiated Emission Test Setup in Chamber





Photographs-Conducted Emission Test Setup

12. Photos of EUT

---------END OF THE REPORT-------