FCC RF Test Report

APPLICANT	:	Xiaomi Communications Co., Ltd.
EQUIPMENT	:	Mobile Phone
BRAND NAME	:	MI
MODEL NAME	:	MEG7
FCC ID	:	2AFZZ-RMMEG7
STANDARD	:	FCC 47 CFR Part 2, 22(H), 24(E)
CLASSIFICATION	:	PCS Licensed Transmitter Held to Ear (PCE)

The product was received on Aug. 25, 2017 and testing was completed on Sep. 20, 2017. We, Sporton International (Kunshan) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA / EIA-603-D-2010 and has been in 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 (Kunshan) Inc., the test report shall not be reproduced except in full.

James Huang

Approved by: James Huang / Manager

NVLAP®
TESTING
NVLAP LAB CODE 600155-0

Sporton International (Kunshan) Inc.
No.3-2 Ping-Xiang Rd, Kunshan Development Zone Kunshan City Jiangsu Province 215335
China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG782506A	Rev. 01	Initial issue of report	Oct. 10, 2017

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(2)	Effective Radiated Power	< 7 Watts	PASS	-
	§24.232(c)	Equivalent Isotropic Radiated Power	< 2 Watts	PASS	-
3.5	§24.232(d)	Peak-to-Average Ratio	< 13 dB	PASS	-
3.6	§2.1049 §22.917(b) §24.238(b)	Occupied Bandwidth	Reporting Only	PASS	-
3.7	§2.1051 §22.917(a) §24.238(a)	Band Edge Measurement	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a)	Conducted Emission	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability for Temperature & Voltage	< 2.5 ppm for Part 22H	PASS	-
	§2.1055 §24.235		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a)	Field Strength of Spurious Radiation	< 43+10log10(P[Watts])	PASS	Under limit 17.62 dB at 2508.000 MHz

1 General Description

1.1 Applicant

Xiaomi Communications Co., Ltd.
The Rainbow City of China Resources,NO.68,Qinghe Middle Street,Haidian District,Beijing,China

1.2 Manufacturer

Xiaomi Communications Co., Ltd.
The Rainbow City of China Resources,NO.68,Qinghe Middle Street,Haidian District,Beijing,China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	MI
Model Name	MEG7
FCC ID	2AFZZ-RMMEG7
EUT supports Radios application	GSM/GPRS/EGPRS/WCDMA/HSPA/DC-HSDPA/ HSPA+ (16QAM uplink is not supported)/LTE WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 Bluetooth v3.0+EDR/ Bluetooth v4.0 LE/ Bluetooth v4.1 LE/ Bluetooth v4.2 LE
IMEI Code	Conducted: 865060030044687/865060030044695 Radiation: 865060030045288/865060030045296
HW Version	P2
SW Version	MIUI9
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.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	**GSM/GPRS/EDGE:** 850: 824.2 MHz ~ 848.8 MHz 1900: 1850.2 MHz ~ 1909.8MHz **WCDMA:** Band V: 826.4 MHz ~ 846.6 MHz Band II: 1852.4 MHz ~ 1907.6 MHz
Rx Frequency	**GSM/GPRS/EDGE:** 850: 869.2 MHz ~ 893.8 MHz 1900: 1930.2 MHz ~ 1989.8 MHz **WCDMA:** Band V: 871.4 MHz ~ 891.6 MHz Band II: 1932.4 MHz ~ 1987.6 MHz
Maximum Output Power to Antenna	**GSM/GPRS/EDGE:** 850: 33.91 dBm 1900: 29.45 dBm **WCDMA:** Band V: 23.67 dBm Band II: 23.46 dBm
Antenna Type	PIFA Antenna
Antenna Gain	Cellular Band: -3.07 dBi PCS Band: -0.93 dBi
Type of Modulation	GSM: GMSK GPRS: GMSK EDGE: GMSK / 8PSK WCDMA : BPSK (Uplink) HSDPA/DC-HSDPA : QPSK (Uplink) HSUPA : QPSK (Uplink) HSPA+ : 16QAM (uplink is not supported) DC-HSDPA : 64QAM

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 (ppm)	Emission Designator
Part 22H	GSM850 GSM	GMSK	0.7396	0.0179 ppm	241KGXW
Part 22H	GSM850 EDGE class 8	8PSK	0.1368	0.0096 ppm	242KG7W
Part 22H	WCDMA Band V RMC 12.2Kbps	BPSK	0.0700	0.0383 ppm	4M13F9W
Part 24E	GSM1900 GSM	GMSK	0.7112	0.0133 ppm	243KGXW
Part 24E	GSM1900 EDGE class 8	8PSK	0.2979	0.0154 ppm	247KG7W
Part 24E	WCDMA Band II RMC 12.2Kbps	BPSK	0.1791	0.0085 ppm	4M11F9W

1.7 Testing Location

Sporton Lab is accredited to ISO 17025 by National Voluntary Laboratory Accreditation Program (NVLAP code: 600155-0) and the FCC designation No. is CN5013.

Test Site	Sporton International (Kunshan) Inc.		
Test Site Location	No.3-2 Ping-Xiang Rd, Kunshan Development Zone Kunshan City Jiangsu Province 215335 China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	Sporton Site No.		FCC Test Firm Registration No.
	TH01-KS	03CH03-KS	630927

Note: The test site complies with ANSI C63.4 2014 requirement.

1.8 Applicable Standards

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

- 47 CFR Part 2, 22(H), 24(E)
- ANSI / TIA / EIA-603-D-2010
- FCC KDB 971168 D01 Power Meas. License Digital Systems v02r02
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

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.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas. License Digital Systems v02r02 with maximum output power.

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

Radiated emissions were investigated as following frequency range:

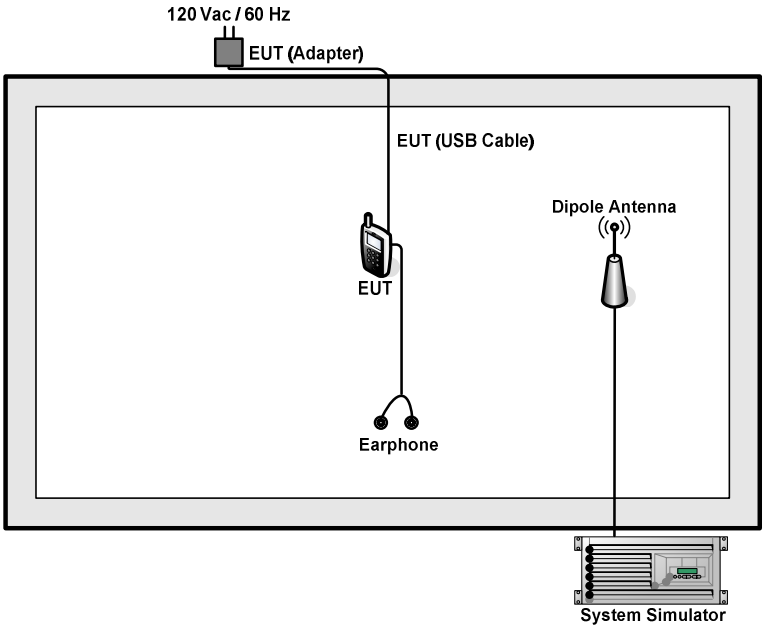
1. 30 MHz to 10th harmonic for GSM850 and WCDMA Band V.
2. 30 MHz to 10th harmonic for GSM1900 and WCDMA Band II.

All modes and data rates and positions were investigated.

Test modes are chosen to be reported as the worst case configuration below:

Test Modes		
Band	**Radiated TCs**	**Conducted TCs**
GSM 850	■ GSM Link ■ EDGE class 8 Link	■ GSM Link ■ EDGE class 8 Link
GSM 1900	■ GSM Link ■ EDGE class 8 Link	■ GSM 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

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
2.	DC Power Supply	GW INSTEK	GPS-3030D	N/A	N/A	Unshielded, 1.8m
3.	Earphone	Xiaomi	N/A	N/A	Unshielded,1.2m	N/A

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 RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

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

Offset = RF cable loss + attenuator factor.

The following shows an offset computation example with RF cable loss 4.5 dB and a 10dB attenuator.

Example :

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.5 + 10 = 14.5 (dB)

3 Conducted Test Result

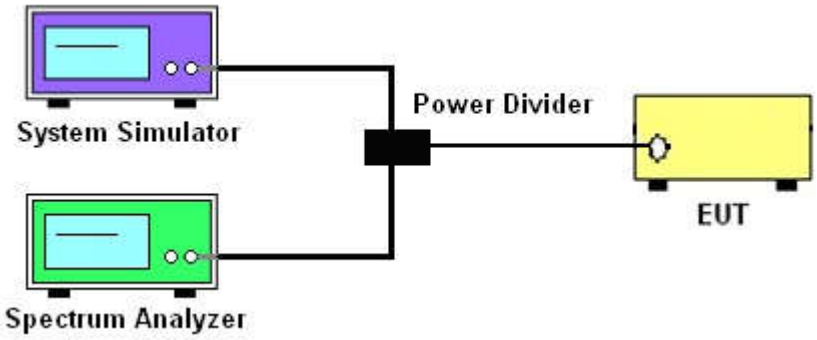
3.1 Measuring Instruments

See list of measuring instruments of this test report.

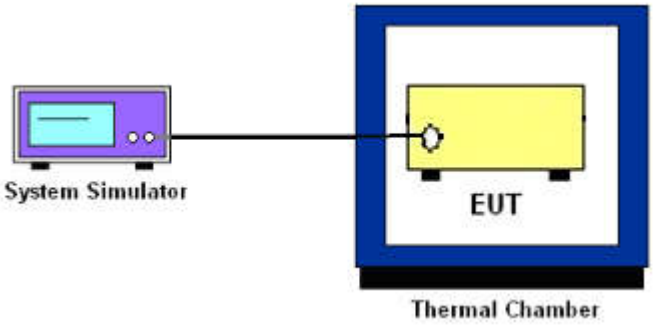
3.2 Test Setup

3.2.1 Conducted Output Power

3.2.2 Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge and Conducted Spurious Emission



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power and ERP/EIRP

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

The ERP of mobile transmitters must not exceed 7 Watts for GSM850 and WCDMA Band V.

The EIRP of mobile transmitters must not exceed 2 Watts for GSM1900 and WCDMA Band II.

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T – L_C$, ERP = EIRP -2.15, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure the maximum burst average power for GSM and maximum average power for other modulation signal.

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

1. The testing follows FCC KDB 971168 D01 v02r02 Section 5.7.1.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. Set EUT to transmit at maximum output power.
4. When the duty cycle is less than 98%, then signal gating will be implemented on the spectrum analyzer by triggering from the system simulator.
5. Set the CCDF (Complementary Cumulative Distribution Function) option of the spectrum analyzer.

Record the maximum PAPR level associated with a probability of 0.1%.

3.6 99% Occupied Bandwidth and 26dB Bandwidth Measurement

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

The 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 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.6.2 Test Procedures

1. The testing follows FCC KDB 971168 v02r02 Section 4.2.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace. (this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted 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.

3.7.2 Test Procedures

1. The testing follows FCC KDB 971168 D01 v02r02 Section 6.0.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The band edges of low and high channels for the highest RF powers were measured.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. 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.

3.8 Conducted Spurious Emission

3.8.1 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 10^{th} harmonic.

3.8.2 Test Procedures

1. The testing follows FCC KDB 971168 D01 v02r02 Section 6.0.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. 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.

3.9 Frequency Stability

3.9.1 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.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows FCC KDB 971168 D01 v02r02 Section 9.0.
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. 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.
4. With power OFF, the temperature was raised in 10°C steps 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.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows FCC KDB 971168 D01 v02r02 Section 9.0.
2. The EUT was placed in a temperature chamber at 20±5° C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.

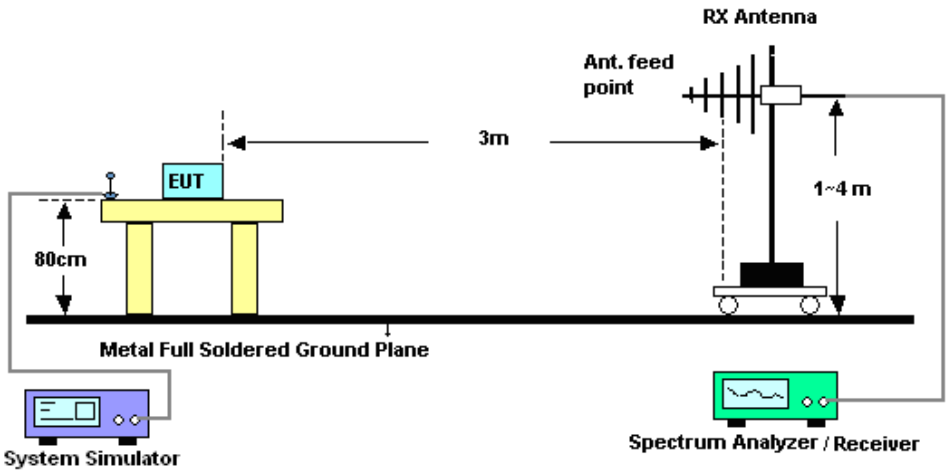
4 Radiated Test Items

4.1 Measuring Instruments

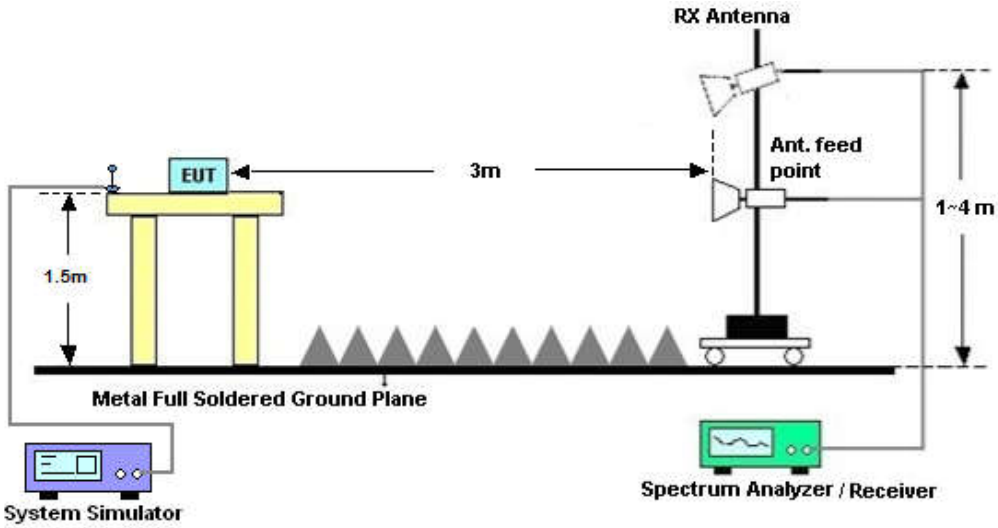
See list of measuring instruments of this test report.

4.2 Test Setup

4.2.1 For radiated test from 30MHz to 1GHz



4.2.2 For radiated test above 1GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

4.4 Field Strength of Spurious Radiation Measurement

4.4.1 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.

4.4.2 Test Procedures

1. The testing follows FCC KDB 971168 D01 v02r02 Section 5.8 and ANSI / TIA-603-D-2010 Section 2.2.12.
2. The EUT was placed on a rotatable wooden table 0.8 meters for frequency below 1GHz and 1.5 meter for frequency above 1GHz above the ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
12. ERP (dBm) = EIRP - 2.15
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
14. 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.

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Aug. 08, 2017	Sep. 13, 2017	Aug. 07, 2018	Conducted (TH01-KS)
Thermal Chamber	Hongzhan	LP-150U	HZ014011440	-40~+150°C 20%~95%RH	Apr. 18, 2017	Sep. 13, 2017	Apr. 17, 2018	Conducted (TH01-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz~44GHz	Apr. 18, 2017	Sep. 20, 2017	Apr. 17, 2018	Radiation (03CH03-KS)
Bilog Antenna	TeseQ	CBL6112D	35406	25MHz~2GHz	Apr. 22, 2017	Sep. 20, 2017	Apr. 21, 2018	Radiation (03CH03-KS)
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1356	1GHz~18GHz	Apr. 22, 2017	Sep. 20, 2017	Apr. 21, 2018	Radiation (03CH03-KS)
Amplifier	com-power	PA-103A	161069	1MHz~1000MHz / 32 dB	Apr. 18, 2017	Sep. 20, 2017	Apr. 17, 2018	Radiation (03CH03-KS)
high gain Amplifier	MITEQ	AMF-7D-00 101800-30-1 0P	2025788	1GHz~18GHz	Apr. 18, 2017	Sep. 20, 2017	Apr. 17, 2018	Radiation (03CH03-KS)
Amplifier	Agilent	8449B	3008A02370	1GHz~26.5GHz	Oct. 13, 2016	Sep. 20, 2017	Oct. 12, 2017	Radiation (03CH03-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Sep. 20, 2017	NCR	Radiation (03CH03-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Sep. 20, 2017	NCR	Radiation (03CH03-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Sep. 20, 2017	NCR	Radiation (03CH03-KS)

NCR: No Calibration Required

6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.8dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.3dB**

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

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	33.85	33.91	33.55	29.22	29.40	29.45
GPRS class 8	33.84	33.90	33.54	29.21	29.40	29.43
GPRS class 10	30.32	30.52	30.53	25.46	25.57	25.52
GPRS class 11	28.50	28.75	28.80	23.85	23.90	23.83
GPRS class 12	27.44	27.63	27.35	21.50	21.50	21.35
EGPRS class 8	26.25	26.45	26.58	25.67	25.67	25.57
EGPRS class 10	23.90	24.04	24.21	23.50	23.55	23.31
EGPRS class 11	23.10	23.21	23.30	21.03	20.96	20.73
EGPRS class 12	21.90	22.10	22.28	17.94	17.90	17.59

Conducted Power (*Unit: dBm)						
Band	WCDMA Band V			WCDMA Band II		
Channel	4132	4182	4233	9262	9400	9538
Frequency	826.4	836.4	846.6	1852.4	1880	1907.6
AMR 12.2Kbps	23.62	23.40	23.65	23.44	23.26	23.30
RMC 12.2Kbps	23.64	23.40	23.67	23.46	23.28	23.31
HSDPA Subtest-1	22.28	22.12	22.43	22.28	22.24	22.07
HSDPA Subtest-2	22.38	22.18	22.44	22.43	22.35	22.24
HSDPA Subtest-3	21.91	21.72	21.97	21.92	21.87	21.77
HSDPA Subtest-4	21.91	21.73	21.98	21.93	21.90	21.76
DC-HSDPA Subtest-1	22.38	22.27	22.31	21.81	21.49	21.39
DC-HSDPA Subtest-2	22.36	22.25	22.32	21.74	21.50	21.36
DC-HSDPA Subtest-3	22.37	22.23	22.35	21.78	21.57	21.37
DC-HSDPA Subtest-4	22.33	22.17	22.30	21.81	21.56	21.49
HSUPA Subtest-1	22.26	22.18	22.30	22.35	22.22	22.17
HSUPA Subtest-2	20.30	20.17	20.35	20.35	20.14	19.95
HSUPA Subtest-3	21.28	21.15	21.34	21.42	21.19	21.13
HSUPA Subtest-4	20.38	20.23	20.46	20.43	20.22	19.99
HSUPA Subtest-5	22.30	22.20	22.30	22.28	22.13	22.07

ERP/EIRP

GSM850 (G_T - L_C= -3.07dB)			
Channel	128	189	251
	(Low)	(Mid)	(High)
Frequency (MHz)	824.2	836.4	848.8
Conducted Power (dBm)	33.85	33.91	33.55
Conducted Power (Watts)	2.4266	2.4604	2.2646
ERP(dBm)	28.63	28.69	28.33
ERP(Watts)	0.7295	0.7396	0.6808

EDGE850 (G_T - L_C= -3.07dB)			
Channel	128	189	251
	(Low)	(Mid)	(High)
Frequency (MHz)	824.2	836.4	848.8
Conducted Power (dBm)	26.25	26.45	26.58
Conducted Power (Watts)	0.4217	0.4416	0.4550
ERP(dBm)	21.03	21.23	21.36
ERP(Watts)	0.1268	0.1327	0.1368

GSM1900 (G_T - L_C= -0.93dB)			
Channel	512	661	810
	(Low)	(Mid)	(High)
Frequency (MHz)	1850.2	1880	1909.8
Conducted Power (dBm)	29.22	29.40	29.45
Conducted Power (Watts)	0.8356	0.8710	0.8810
EIRP(dBm)	28.29	28.47	28.52
EIRP(Watts)	0.6745	0.7031	0.7112

EDGE1900 (G_T - L_C= -0.93dB)			
Channel	512	661	810
	(Low)	(Mid)	(High)
Frequency (MHz)	1850.2	1880	1909.8
Conducted Power (dBm)	25.67	25.67	25.57
Conducted Power (Watts)	0.3690	0.3690	0.3606
EIRP(dBm)	24.74	24.74	24.64
EIRP(Watts)	0.2979	0.2979	0.2911

WCDMA Band V (G_T - $L_{C=}$ -3.07dB)			
Channel	4132	4182	4233
	(Low)	(Mid)	(High)
Frequency (MHz)	826.4	836.4	846.6
Conducted Power (dBm)	23.64	23.40	23.67
Conducted Power (Watts)	0.2312	0.2188	0.2328
ERP(dBm)	18.42	18.18	18.45
ERP(Watts)	0.0695	0.0658	0.0700

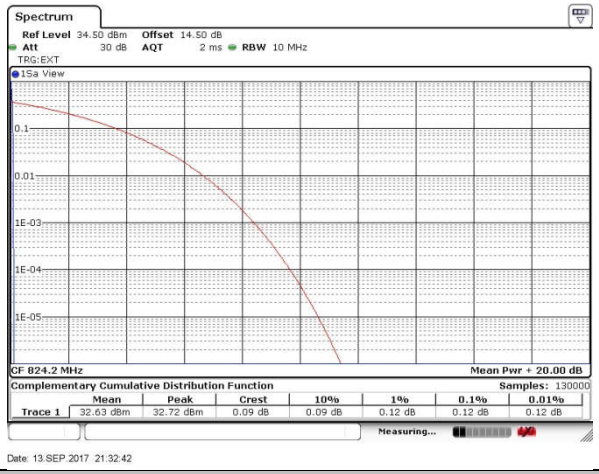
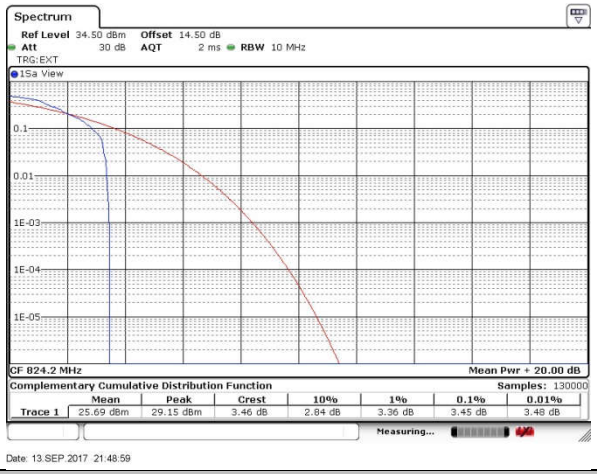
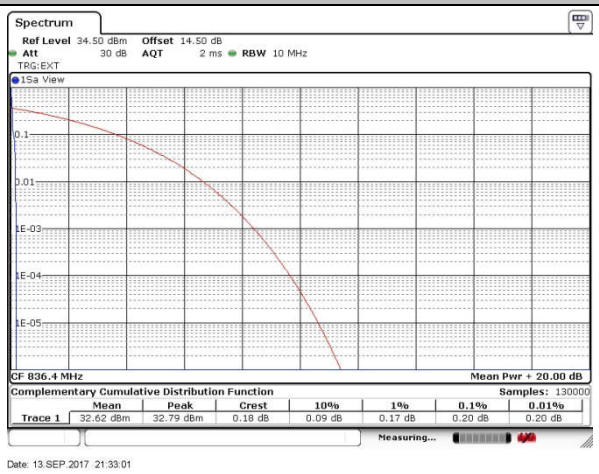
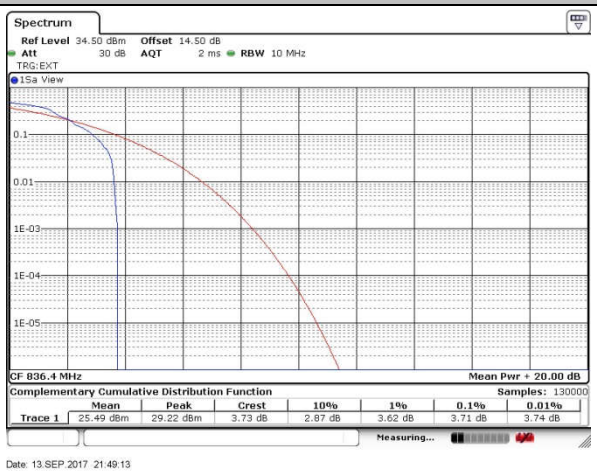
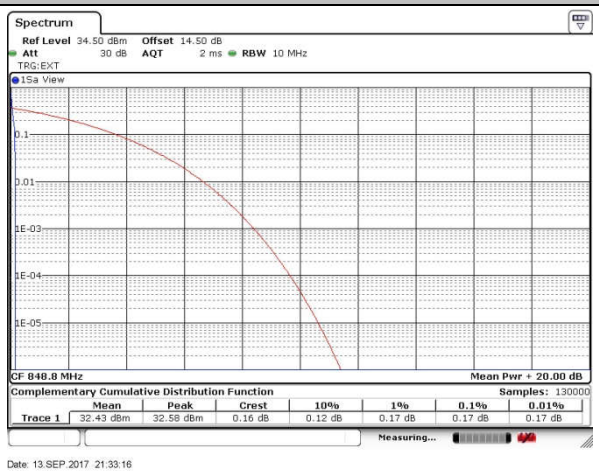
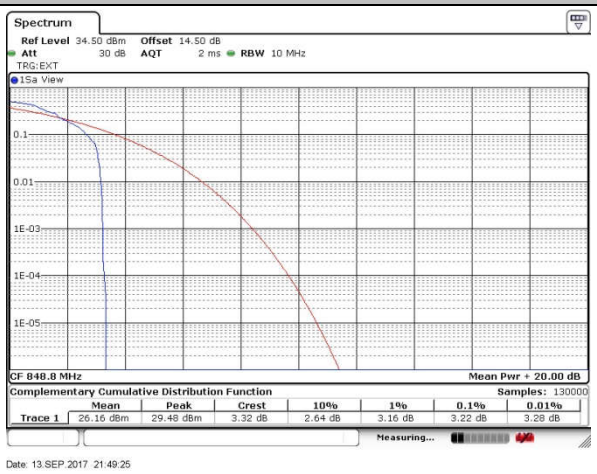
WCDMA Band II (G_T - $L_{C=}$ -0.93dB)			
Channel	9262	9400	9538
	(Low)	(Mid)	(High)
Frequency (MHz)	1852.4	1880	1907.6
Conducted Power (dBm)	23.46	23.28	23.31
Conducted Power (Watts)	0.2218	0.2128	0.2143
EIRP(dBm)	22.53	22.35	22.38
EIRP(Watts)	0.1791	0.1718	0.1730

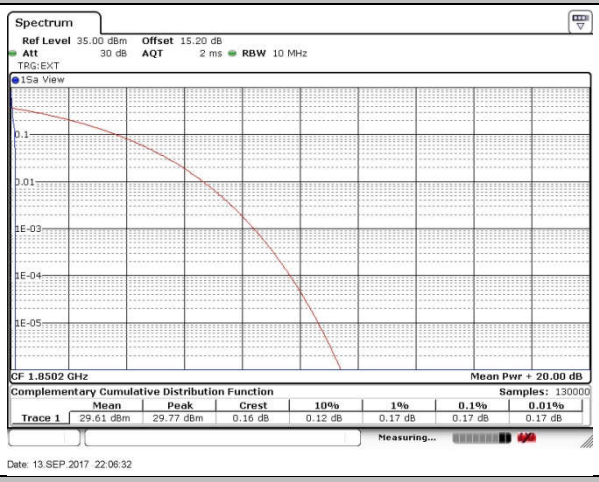
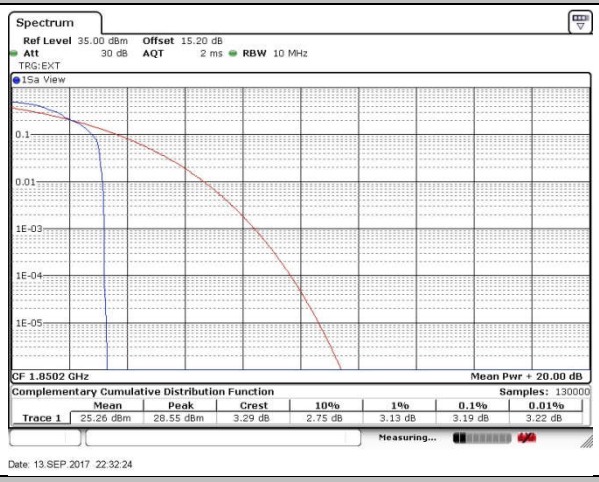
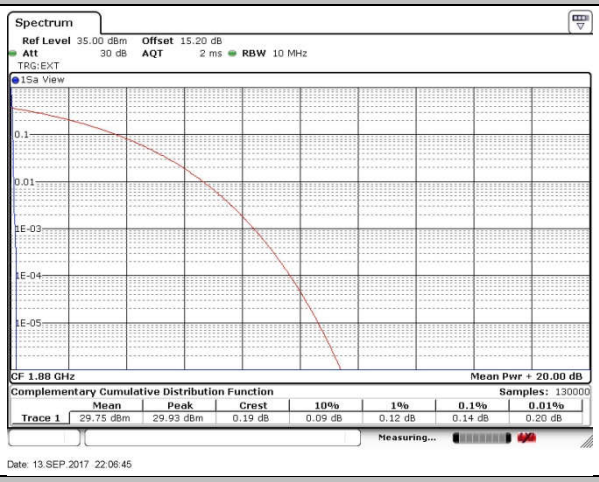
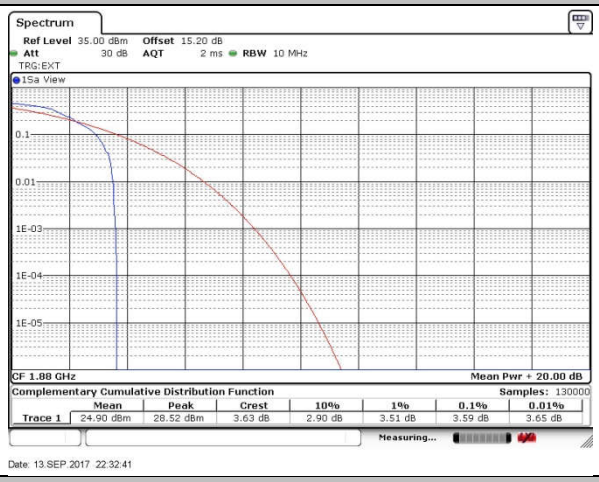
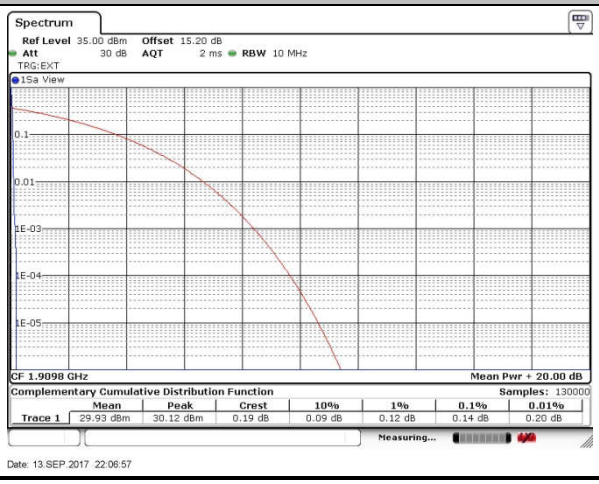
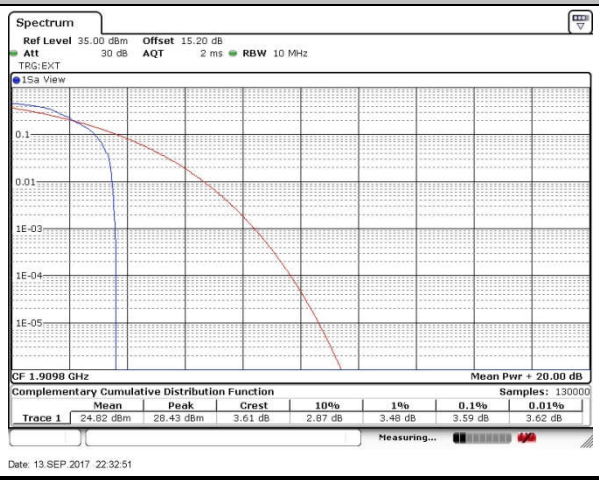
Peak-to-Average Ratio

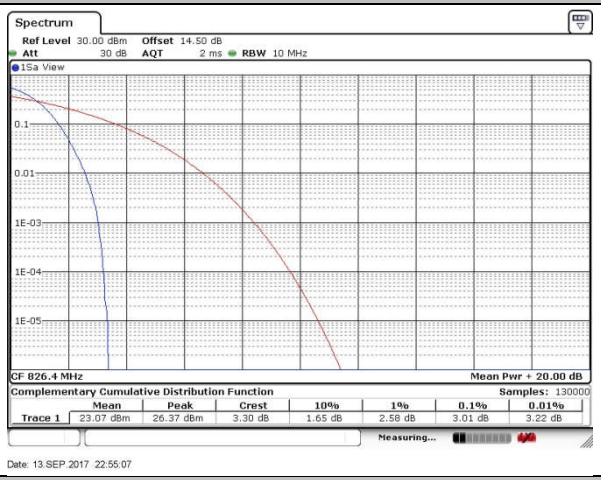
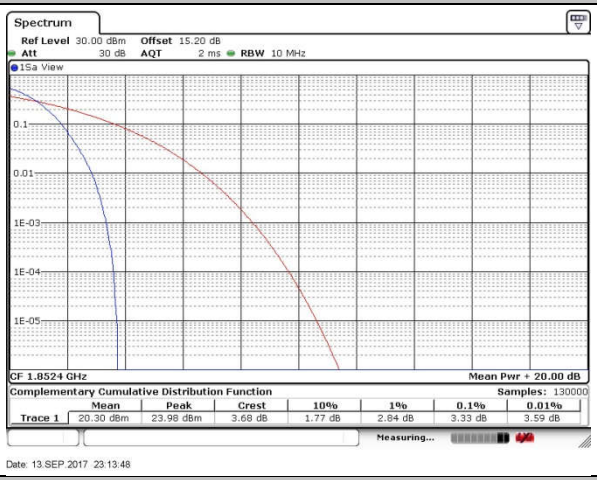
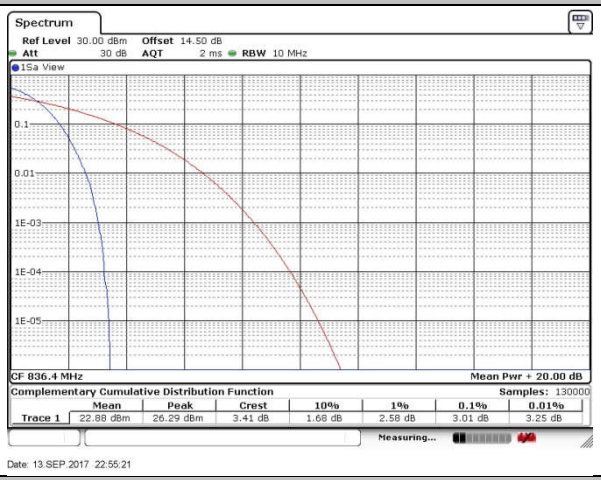
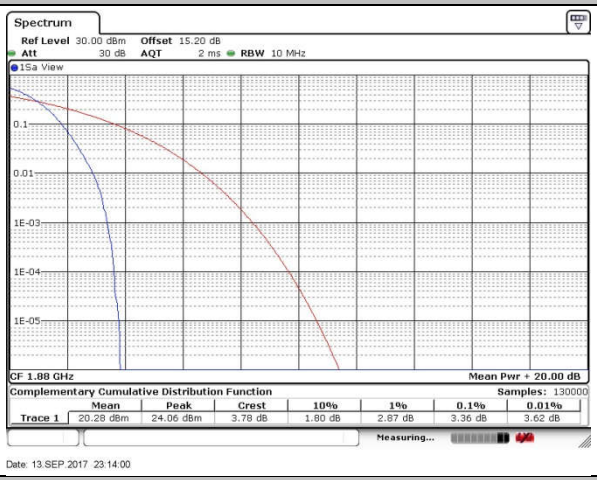
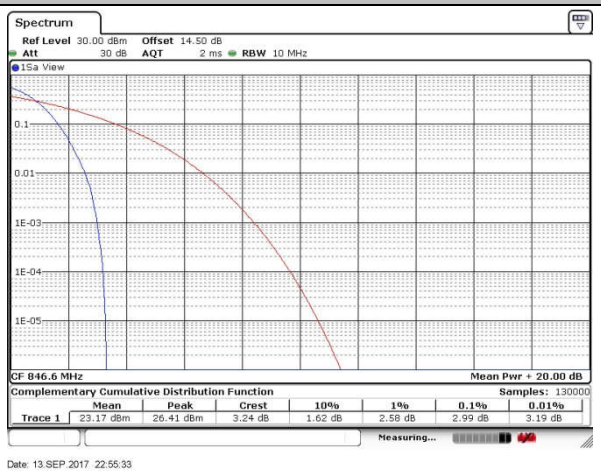
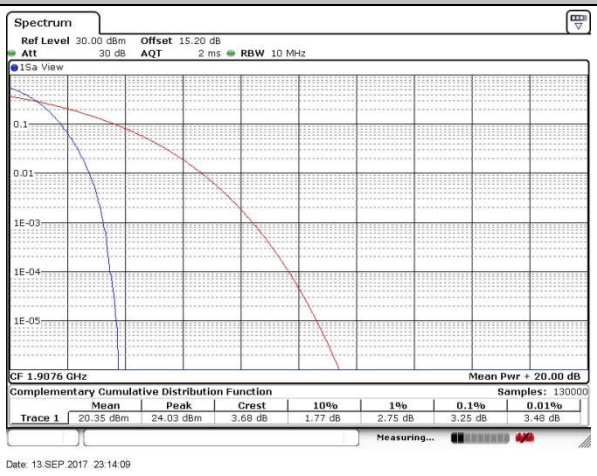
Mode	GSM850(dB)		Limit: 13dB
Mod.	GSM	EDGE class 8	Result
Lowest CH	0.12	3.45	PASS
Middle CH	0.20	3.71	
Highest CH	0.17	3.22	

Mode	GSM1900(dB)		Limit: 13dB
Mod.	GSM	EDGE class 8	Result
Lowest CH	0.17	3.19	PASS
Middle CH	0.14	3.59	
Highest CH	0.14	3.59	

Mode	WCDMA Band V(dB)	WCDMA Band II(dB)	Limit: 13dB
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	Result
Lowest CH	3.01	3.33	PASS
Middle CH	3.01	3.36	
Highest CH	2.99	3.25	

GSM850 (GSM)	GSM850 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

GSM1900 (GSM)	GSM1900 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

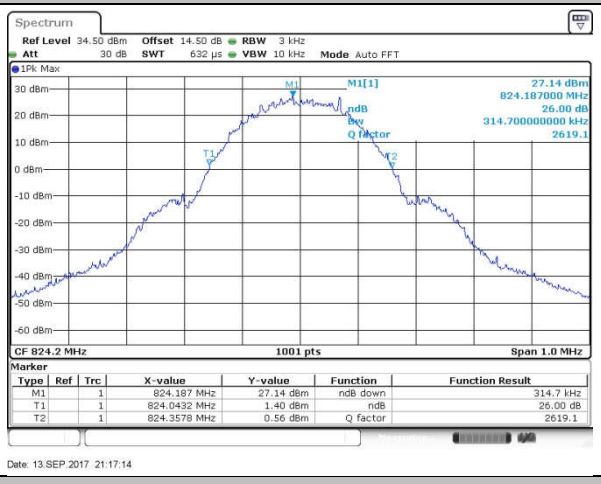
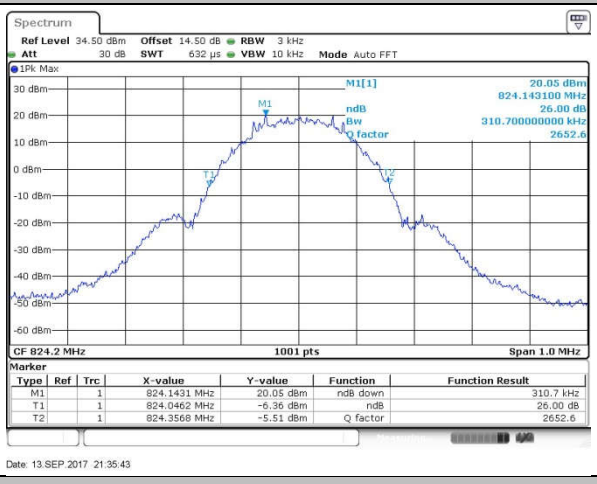
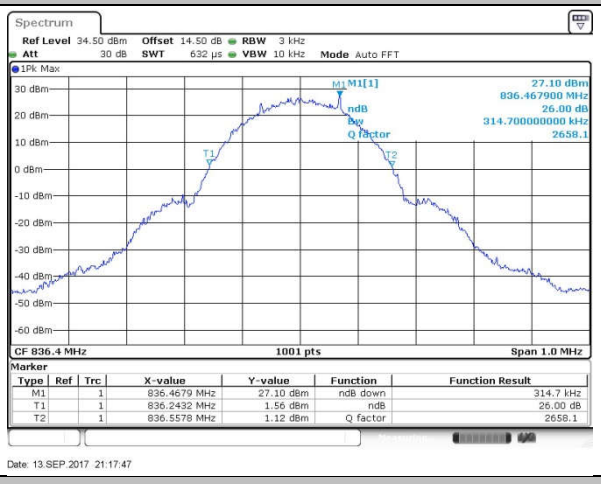
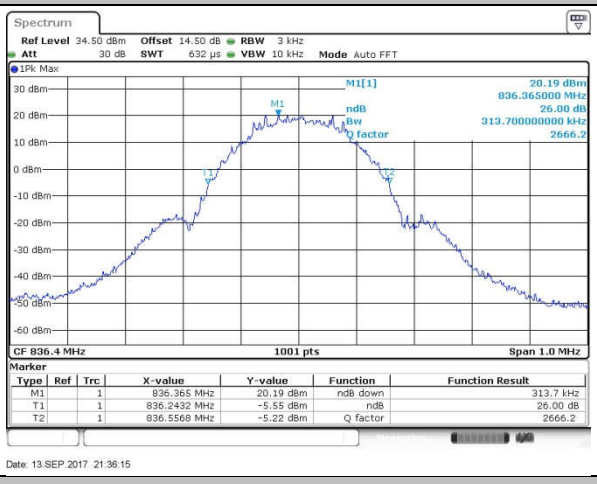
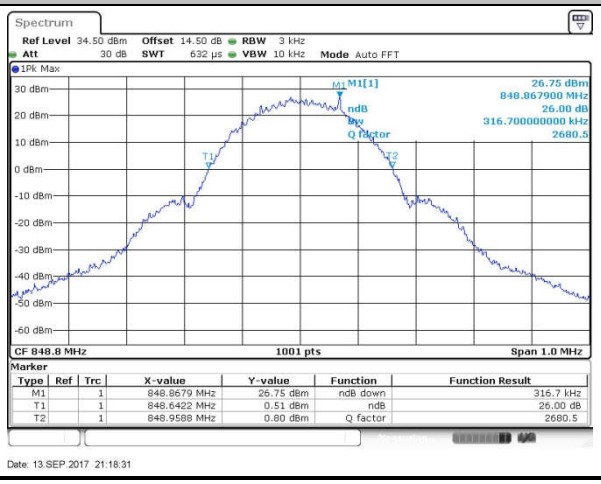
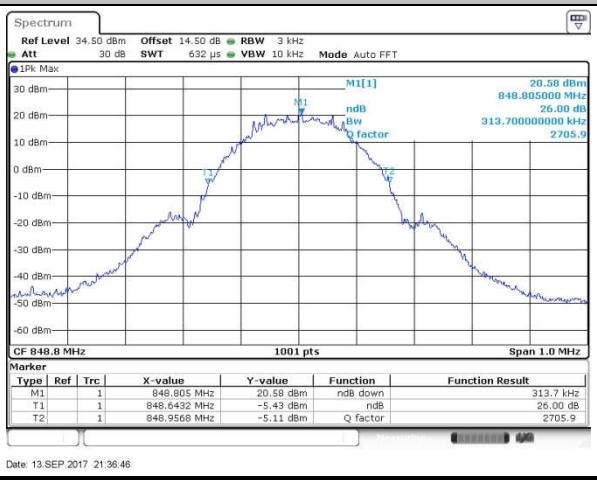
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

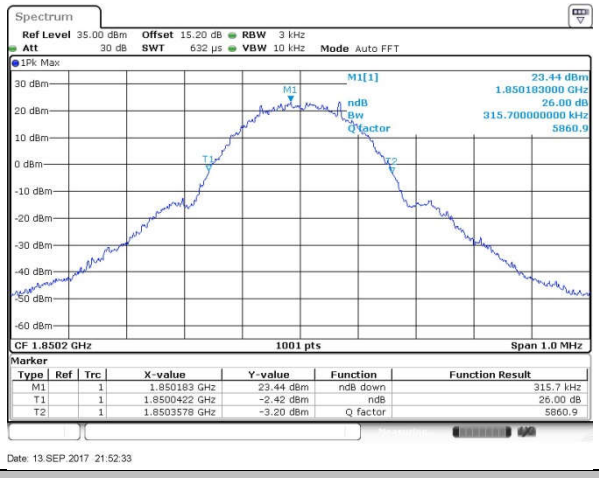
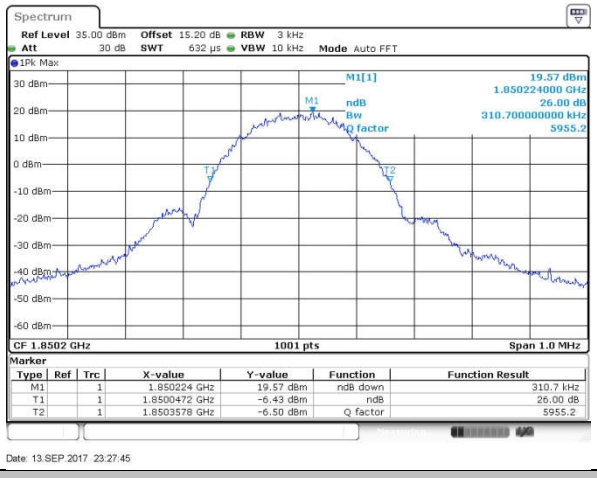
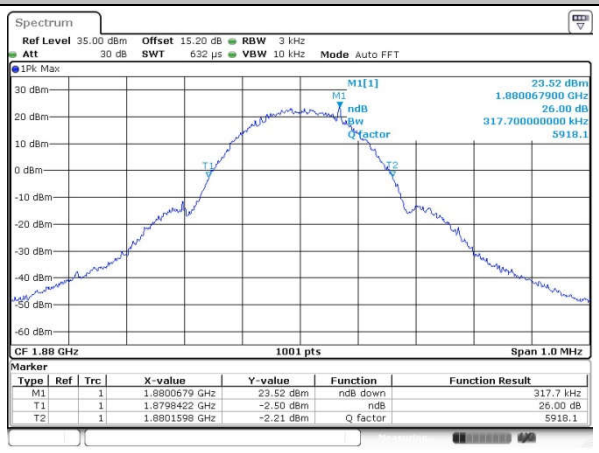
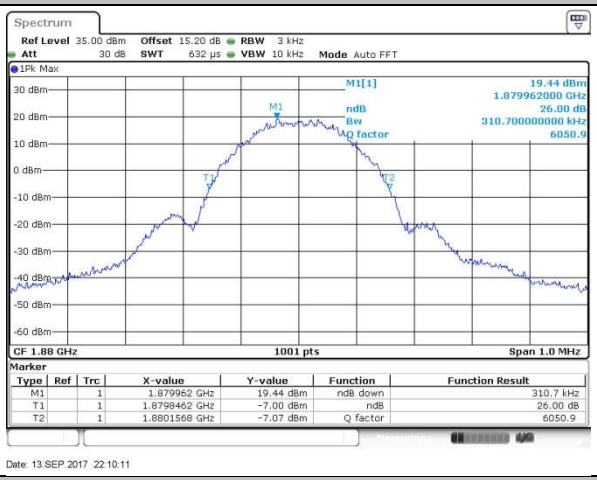
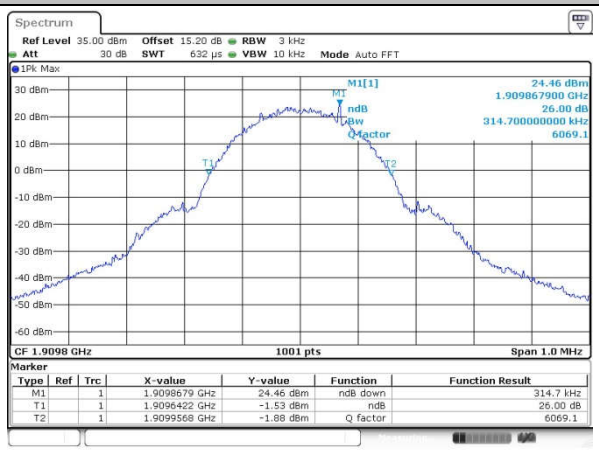
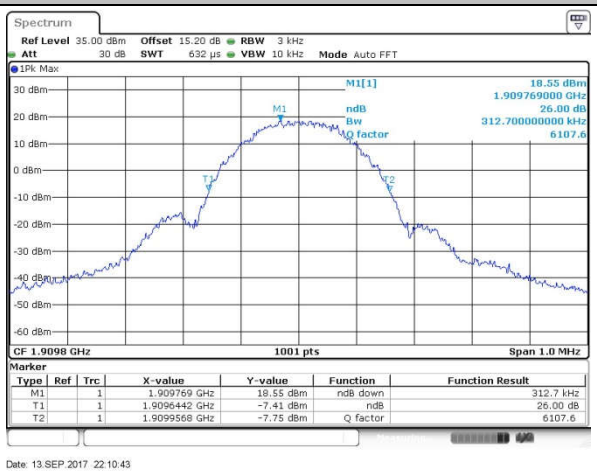
26dB Bandwidth

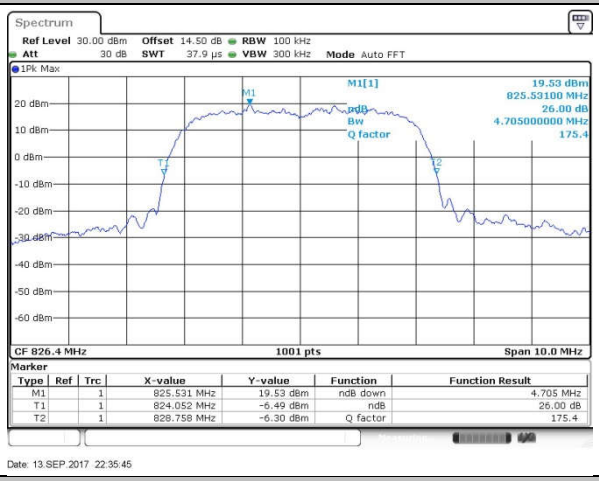
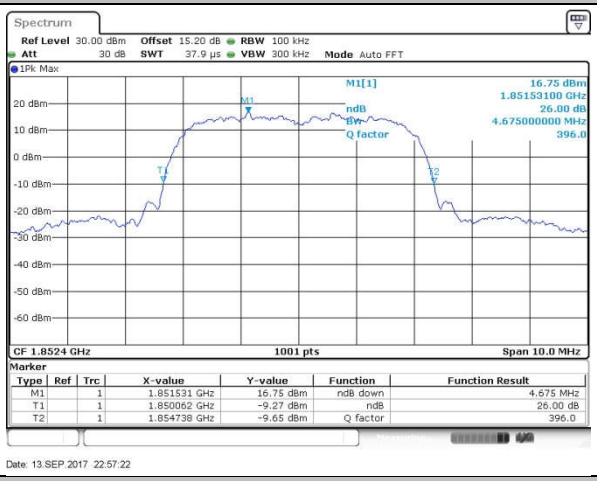
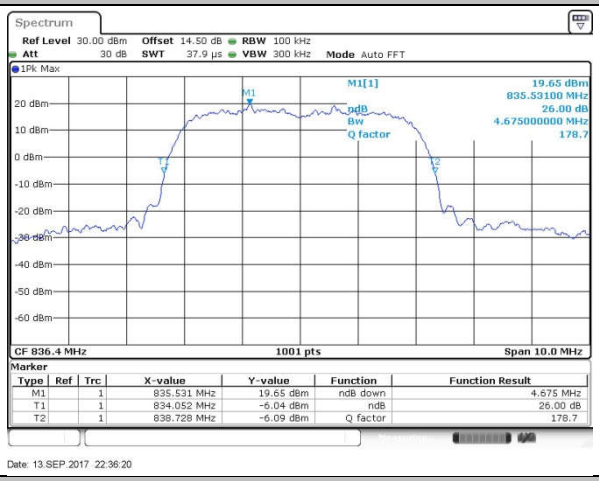
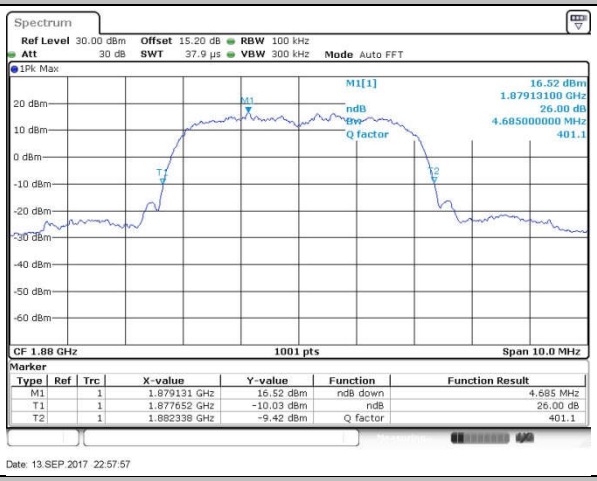
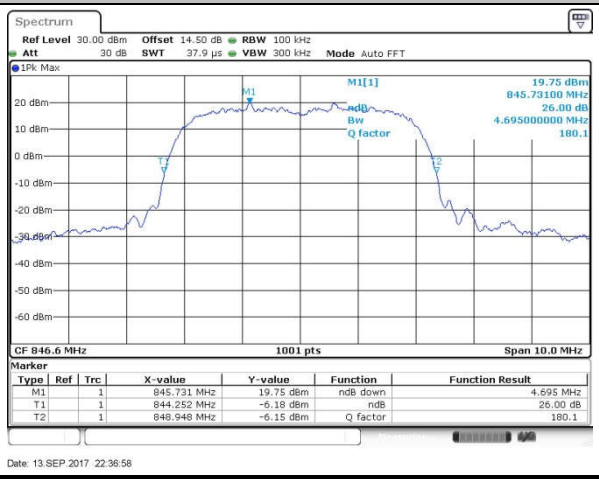
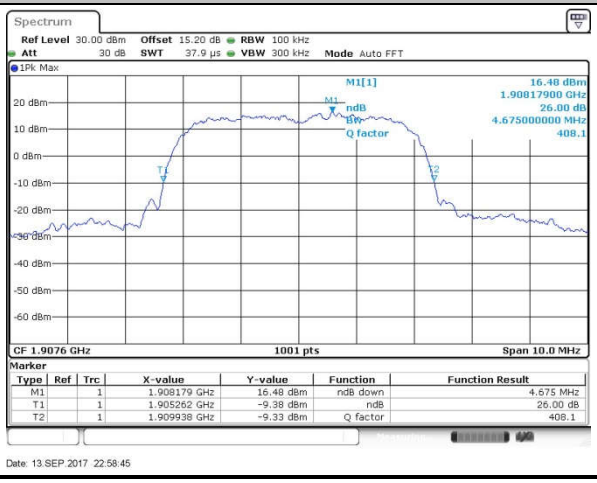
Mode	GSM850(MHz)	
Mod.	GSM	EDGE class 8
Lowest CH	0.315	0.311
Middle CH	0.315	0.314
Highest CH	0.317	0.314

Mode	GSM1900(MHz)	
Mod.	GSM	EDGE class 8
Lowest CH	0.316	0.311
Middle CH	0.318	0.311
Highest CH	0.315	0.313

Mode	WCDMA Band V(MHz)	WCDMA Band II(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.71	4.68
Middle CH	4.68	4.69
Highest CH	4.70	4.68

GSM850 (GSM)	GSM850 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

GSM1900 (GSM)	GSM1900 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

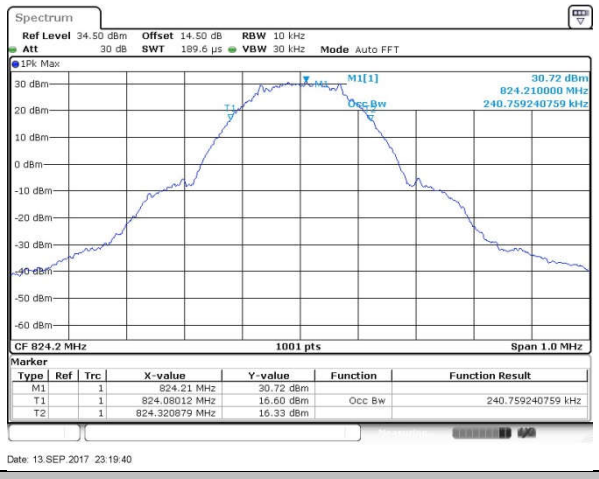
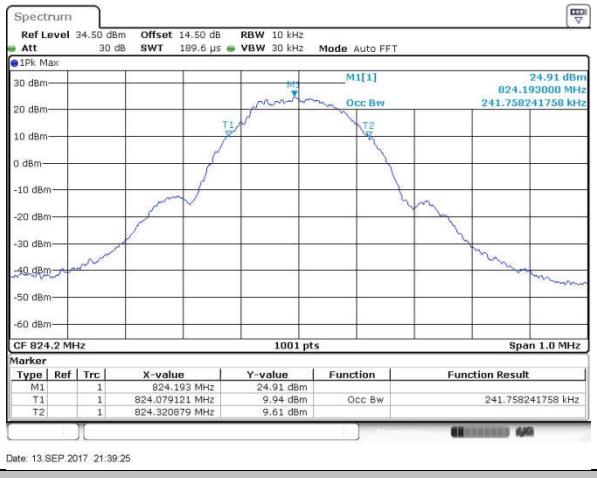
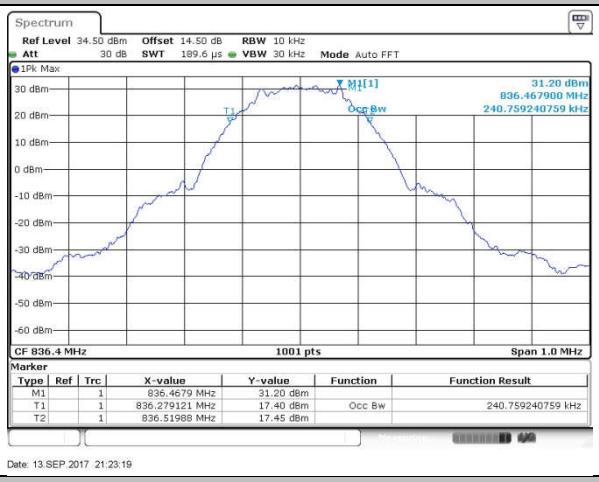
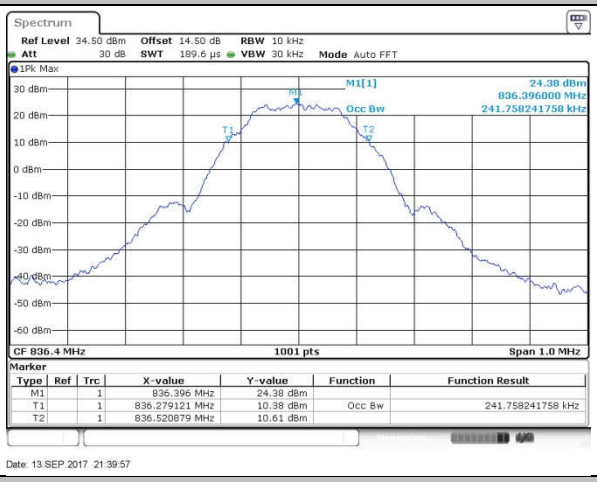
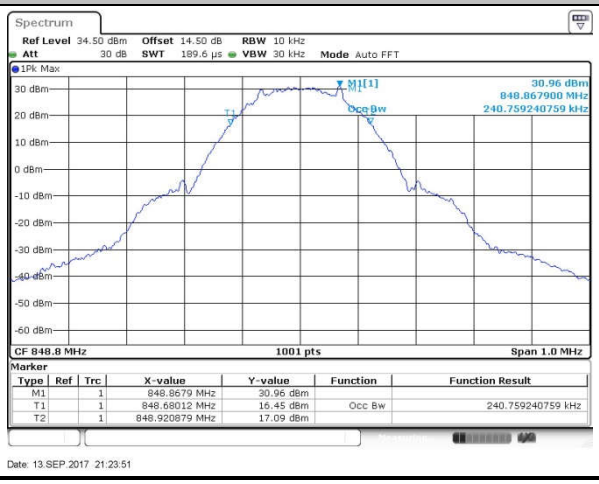
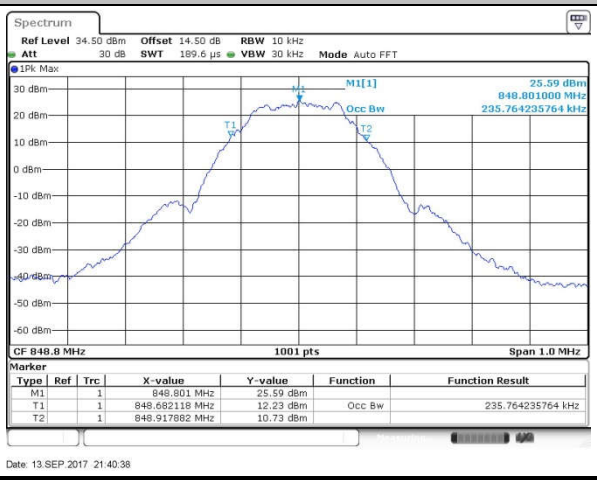
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

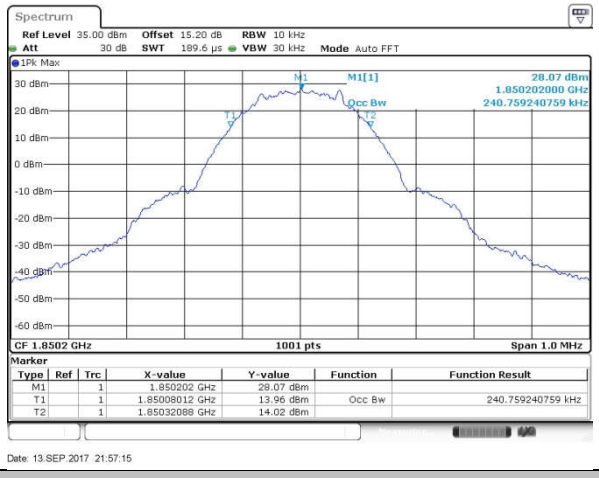
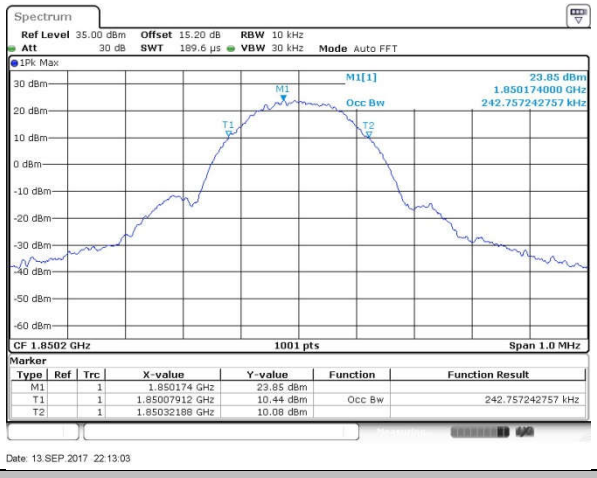
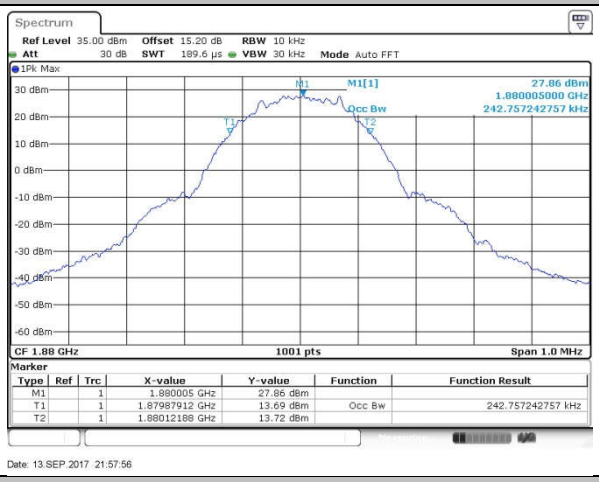
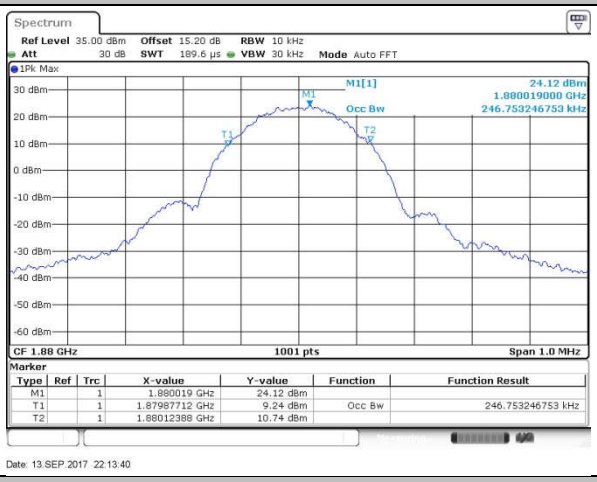
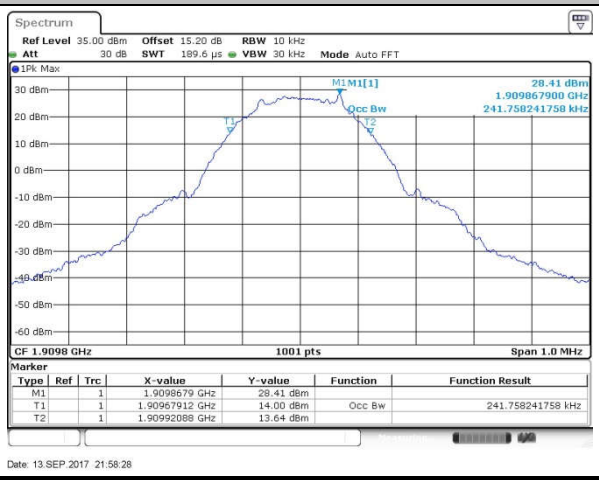
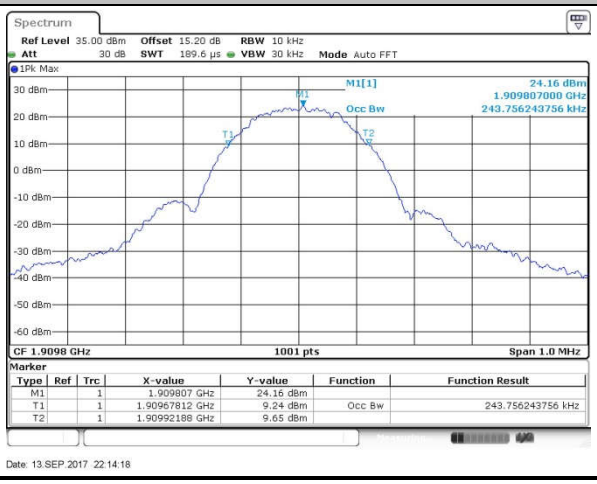
Occupied Bandwidth

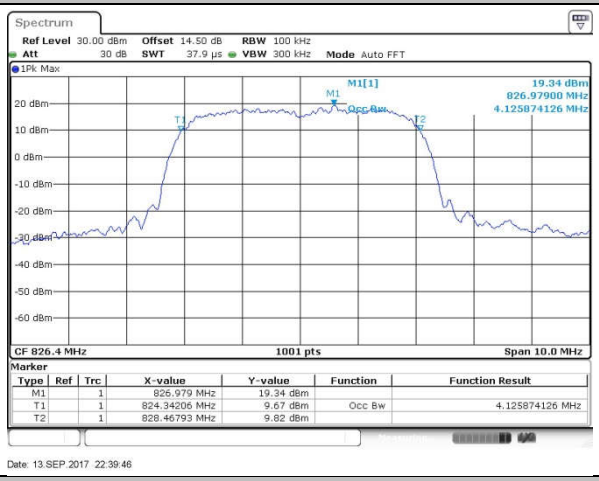
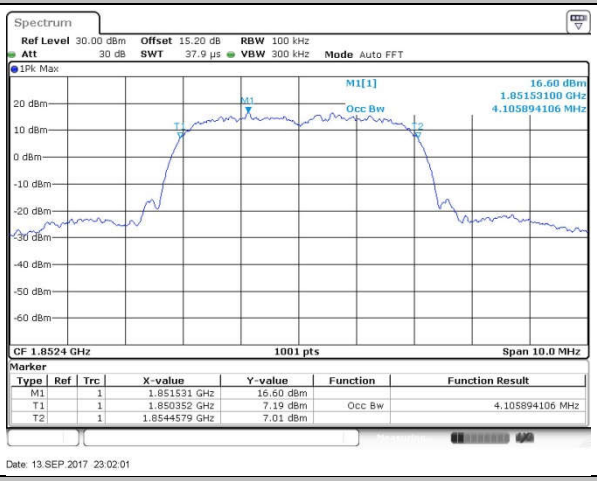
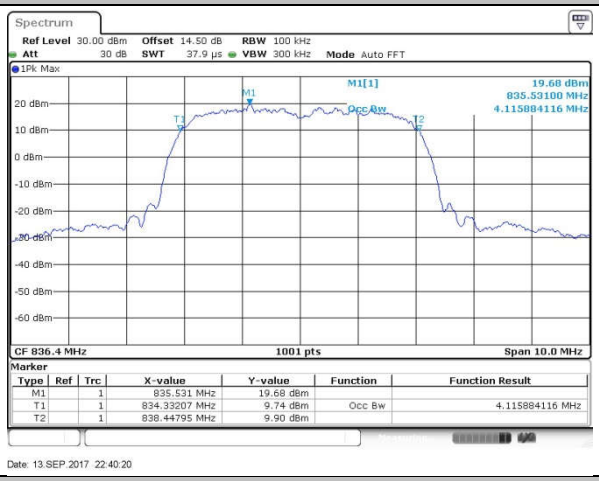
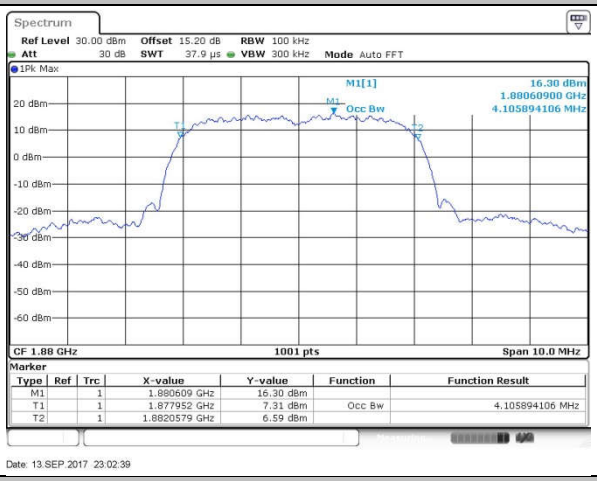
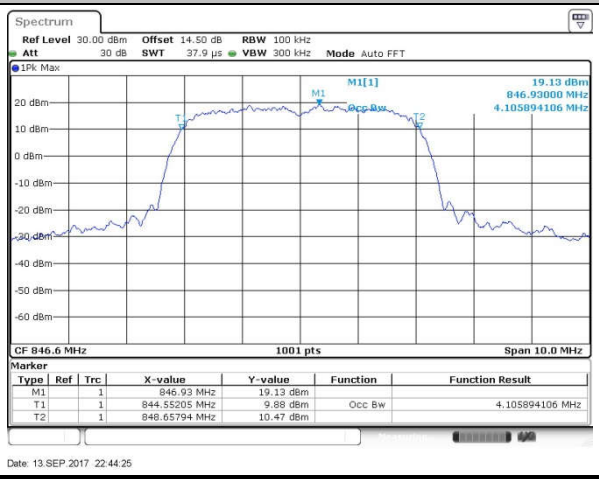
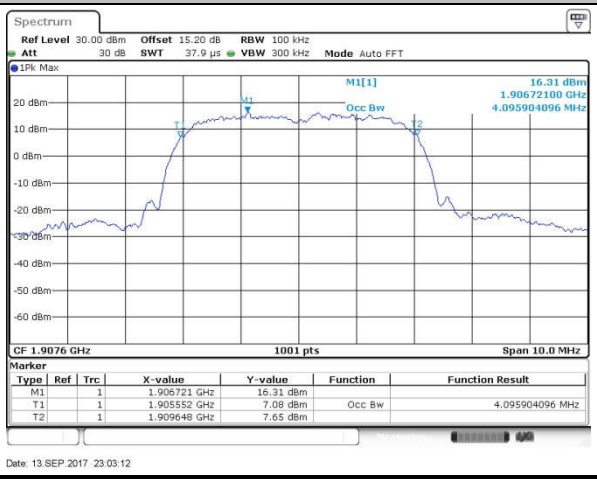
Mode	GSM850(MHz)	
Mod.	GSM	EDGE class 8
Lowest CH	0.241	0.242
Middle CH	0.241	0.242
Highest CH	0.241	0.236

Mode	GSM1900(MHz)	
Mod.	GSM	EDGE class 8
Lowest CH	0.241	0.243
Middle CH	0.243	0.247
Highest CH	0.242	0.244

Mode	WCDMA Band V(MHz)	WCDMA Band II(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.13	4.11
Middle CH	4.12	4.11
Highest CH	4.11	4.10

GSM850 (GSM)	GSM850 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

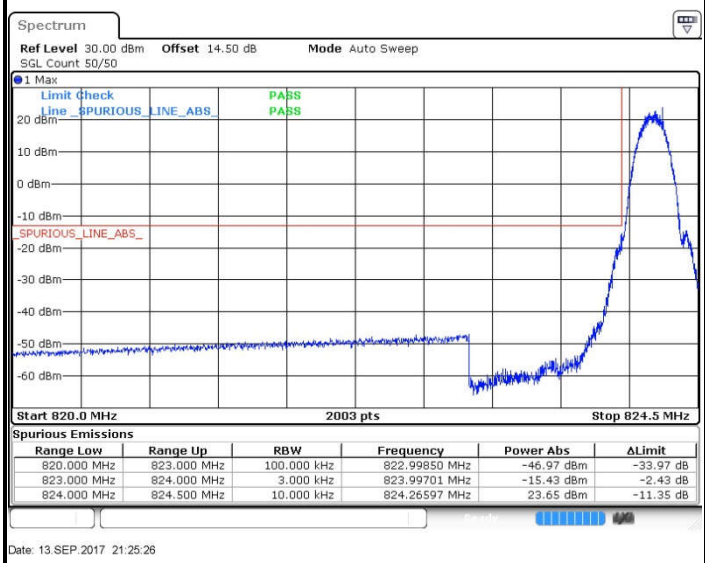
GSM1900 (GSM)	GSM1900 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

Conducted Band Edge

GSM850 (GSM)

Lowest Band Edge

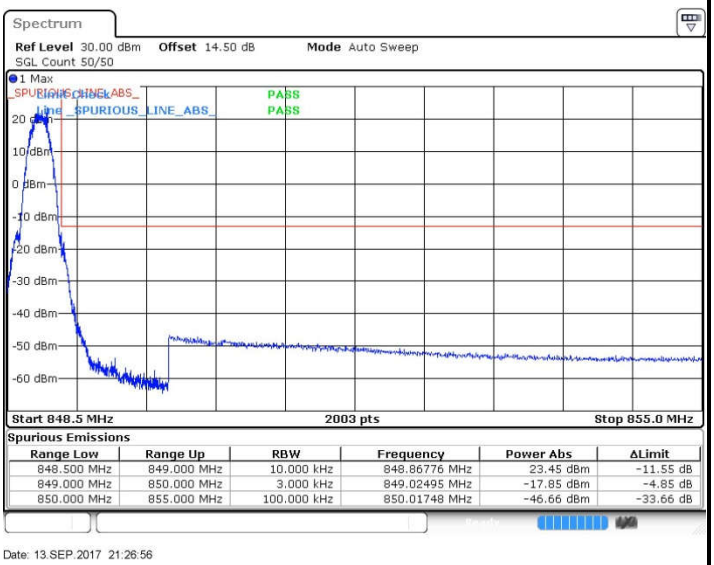


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.99850 MHz	-46.97 dBm	-33.97 dB
823.000 MHz	824.000 MHz	3.000 kHz	823.99701 MHz	-15.43 dBm	-2.43 dB
824.000 MHz	824.500 MHz	10.000 kHz	824.26597 MHz	23.65 dBm	-11.35 dB

Date: 13.SEP.2017 21:25:26

Highest Band Edge



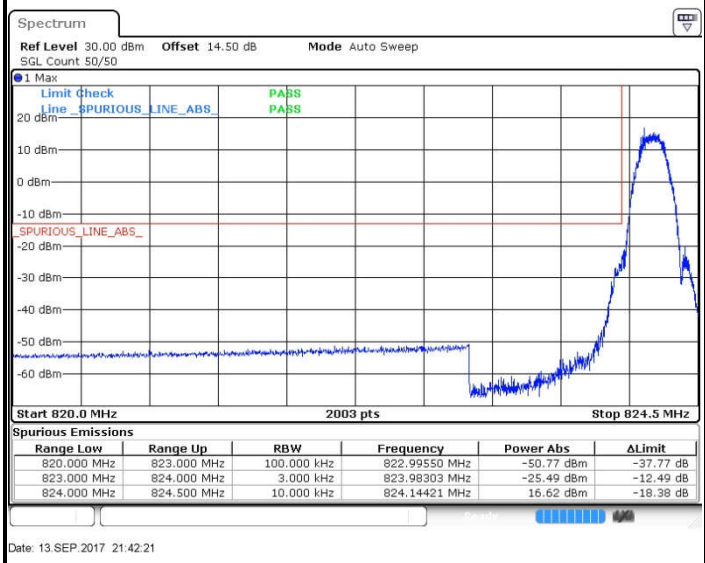
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
848.500 MHz	849.000 MHz	10.000 kHz	848.86776 MHz	23.45 dBm	-11.55 dB
849.000 MHz	850.000 MHz	3.000 kHz	849.02495 MHz	-17.85 dBm	-4.85 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.01748 MHz	-46.66 dBm	-33.66 dB

Date: 13.SEP.2017 21:26:56

GSM850 (EDGE class 8)

Lowest Band Edge

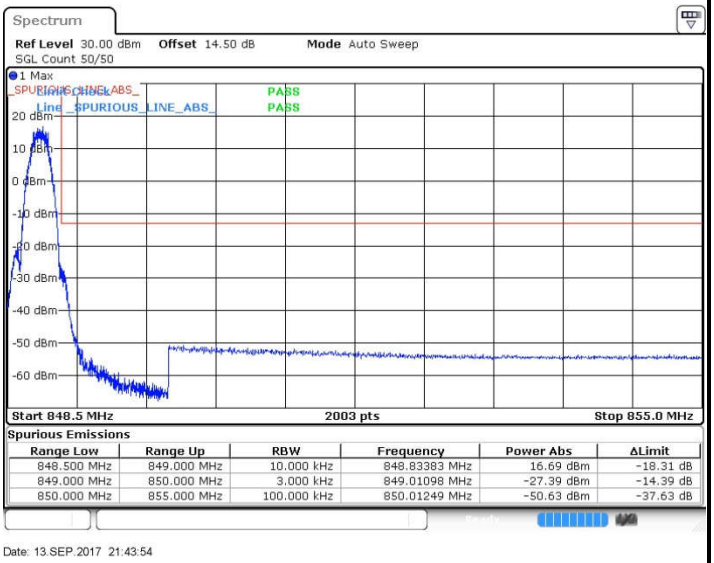


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.99550 MHz	-50.77 dBm	-37.77 dB
823.000 MHz	824.000 MHz	3.000 kHz	823.98303 MHz	-25.49 dBm	-12.49 dB
824.000 MHz	824.500 MHz	10.000 kHz	824.14421 MHz	16.62 dBm	-18.38 dB

Date: 13.SEP.2017 21:42:21

Highest Band Edge



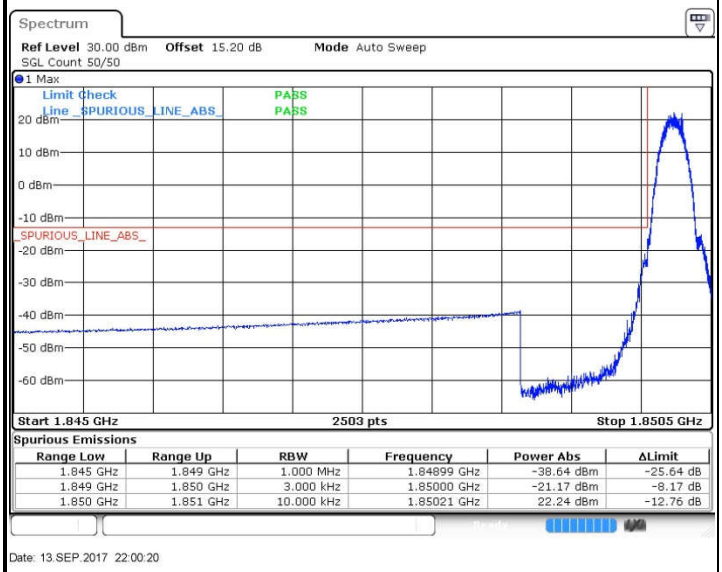
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
848.500 MHz	849.000 MHz	10.000 kHz	848.83383 MHz	16.69 dBm	-18.31 dB
849.000 MHz	850.000 MHz	3.000 kHz	849.01098 MHz	-27.39 dBm	-14.39 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.01249 MHz	-50.63 dBm	-37.63 dB

Date: 13.SEP.2017 21:43:54

GSM1900 (GSM)

Lowest Band Edge

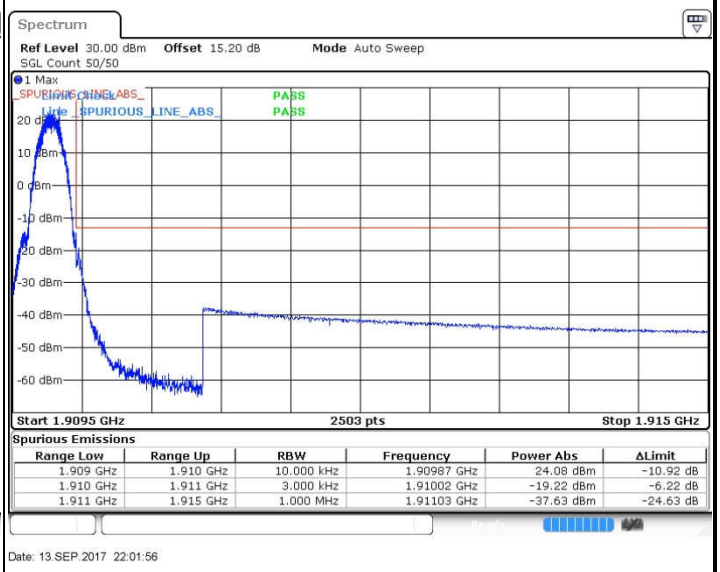


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.845 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-38.64 dBm	-25.64 dB
1.849 GHz	1.850 GHz	3.000 kHz	1.85000 GHz	-21.17 dBm	-8.17 dB
1.850 GHz	1.851 GHz	10.000 kHz	1.85021 GHz	22.24 dBm	-12.76 dB

Date: 13.SEP.2017 22:00:20

Highest Band Edge



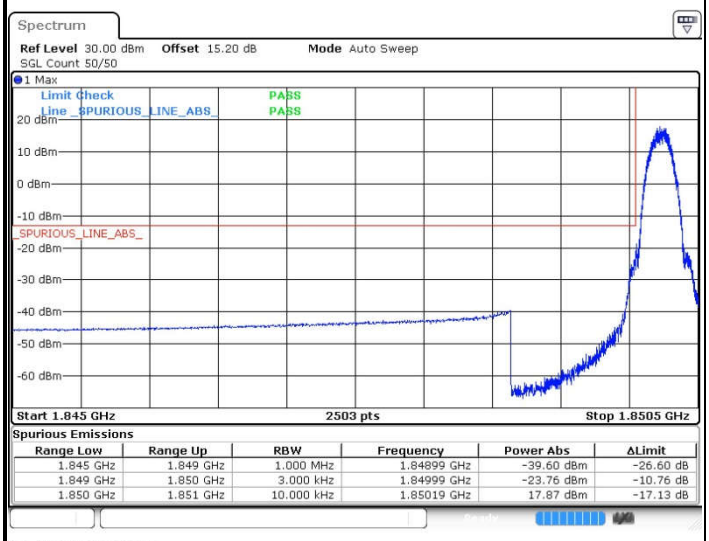
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.909 GHz	1.910 GHz	10.000 kHz	1.90987 GHz	24.08 dBm	-10.92 dB
1.910 GHz	1.911 GHz	3.000 kHz	1.91002 GHz	-19.22 dBm	-6.22 dB
1.911 GHz	1.915 GHz	1.000 MHz	1.91103 GHz	-37.63 dBm	-24.63 dB

Date: 13.SEP.2017 22:01:56

GSM1900 (EDGE class 8)

Lowest Band Edge

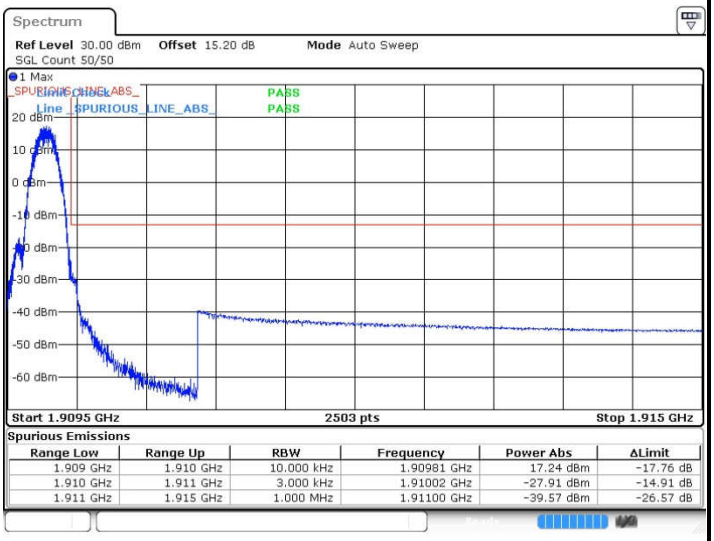


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.845 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-39.60 dBm	-26.60 dB
1.849 GHz	1.850 GHz	3.000 kHz	1.84999 GHz	-23.76 dBm	-10.76 dB
1.850 GHz	1.851 GHz	10.000 kHz	1.85019 GHz	17.87 dBm	-17.13 dB

Date: 13.SEP.2017 22:15:52

Highest Band Edge



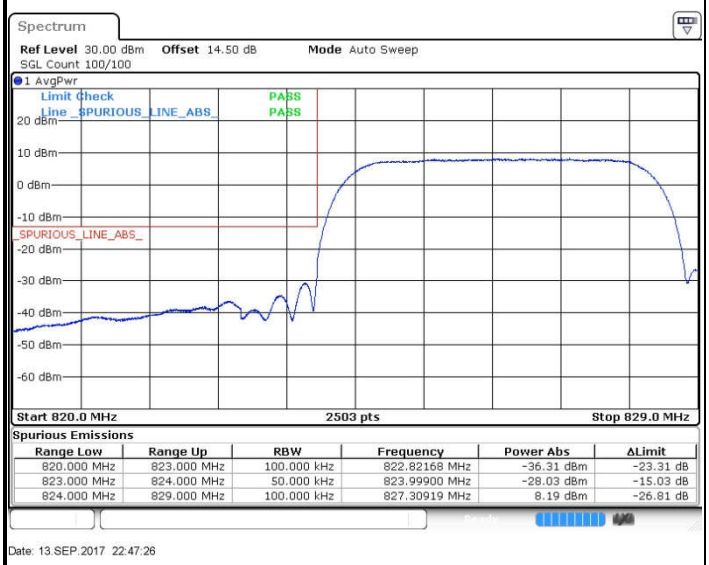
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.909 GHz	1.910 GHz	10.000 kHz	1.90981 GHz	17.24 dBm	-17.76 dB
1.910 GHz	1.911 GHz	3.000 kHz	1.91002 GHz	-27.91 dBm	-14.91 dB
1.911 GHz	1.915 GHz	1.000 MHz	1.91100 GHz	-39.57 dBm	-26.57 dB

Date: 13.SEP.2017 22:17:24

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

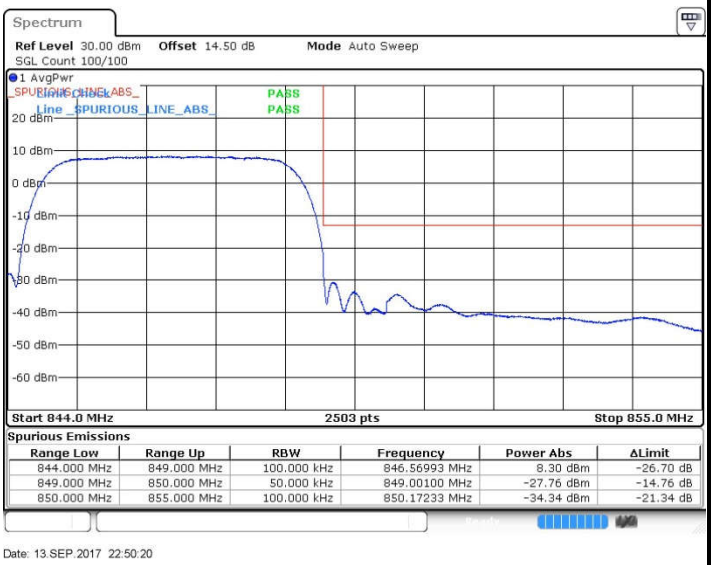


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.82168 MHz	-36.31 dBm	-23.31 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99900 MHz	-28.03 dBm	-15.03 dB
824.000 MHz	829.000 MHz	100.000 kHz	827.30919 MHz	8.19 dBm	-26.81 dB

Date: 13.SEP.2017 22:47:26

Highest Band Edge



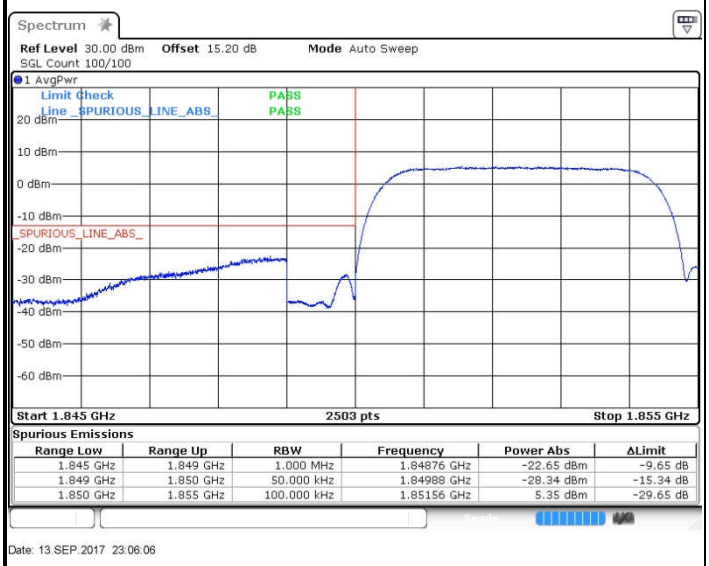
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.56993 MHz	8.30 dBm	-26.70 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00100 MHz	-27.76 dBm	-14.76 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.17233 MHz	-34.34 dBm	-21.34 dB

Date: 13.SEP.2017 22:50:20

WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge

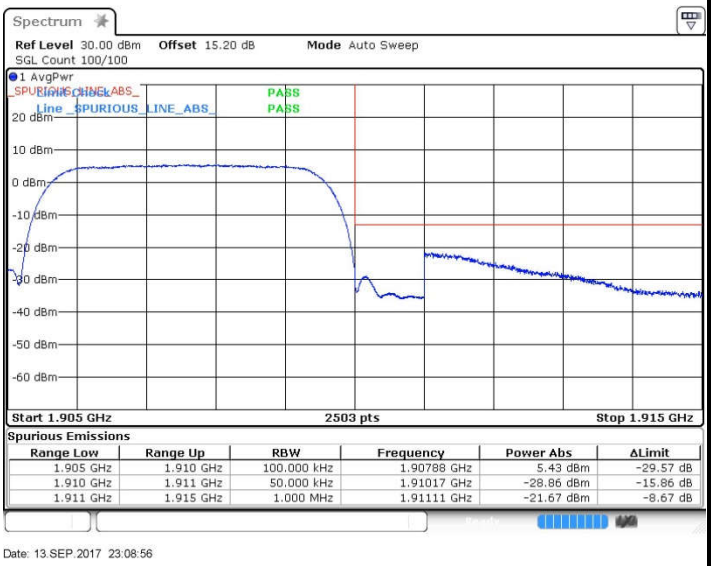


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.845 GHz	1.849 GHz	1.000 MHz	1.84876 GHz	-22.65 dBm	-9.65 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84988 GHz	-28.34 dBm	-15.34 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85156 GHz	5.35 dBm	-29.65 dB

Date: 13.SEP.2017 23:06:06

Highest Band Edge



Spurious Emissions

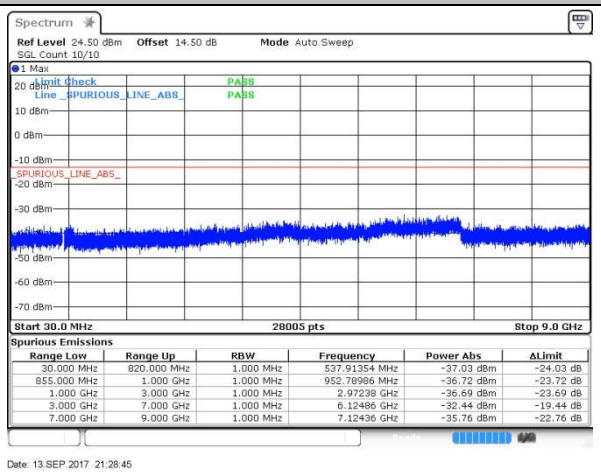
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90788 GHz	5.43 dBm	-29.57 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91017 GHz	-28.86 dBm	-15.86 dB
1.911 GHz	1.915 GHz	1.000 MHz	1.91111 GHz	-21.67 dBm	-8.67 dB

Date: 13.SEP.2017 23:08:56

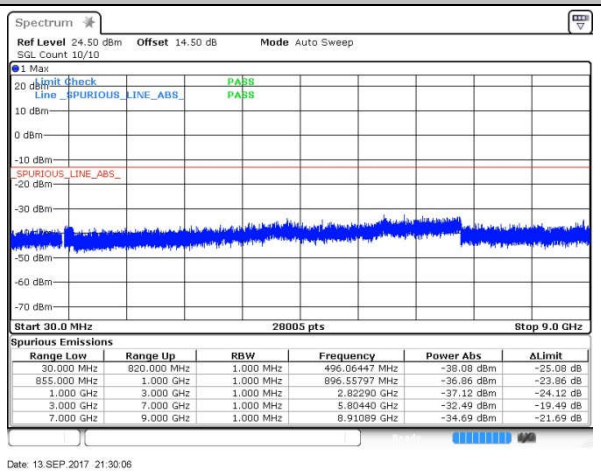
Conducted Spurious Emission

GSM850 (GSM)

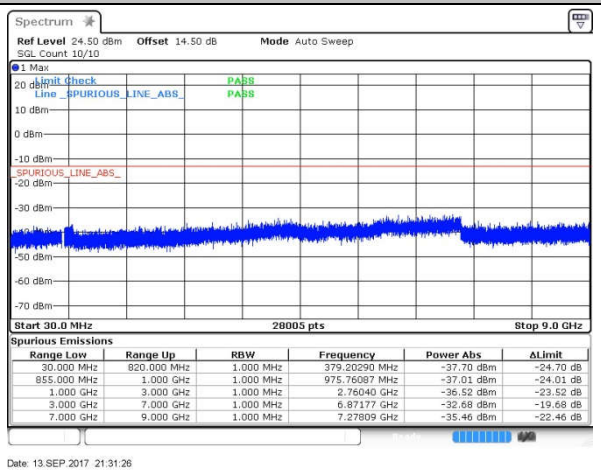
Lowest Channel



Middle Channel

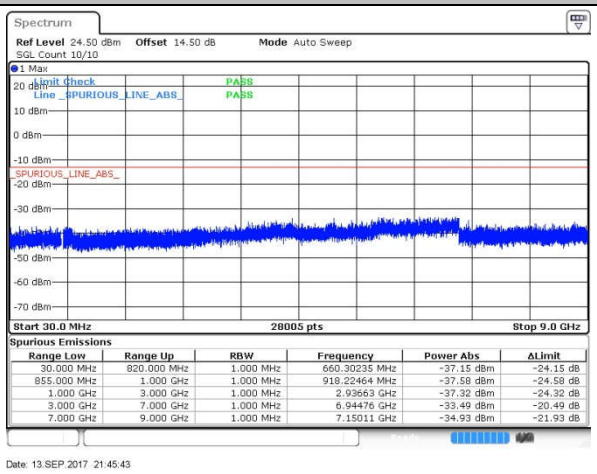


Highest Channel

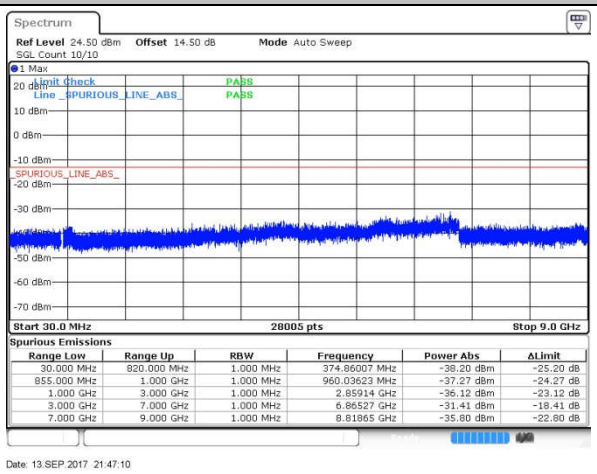


GSM850 (EDGE class 8)

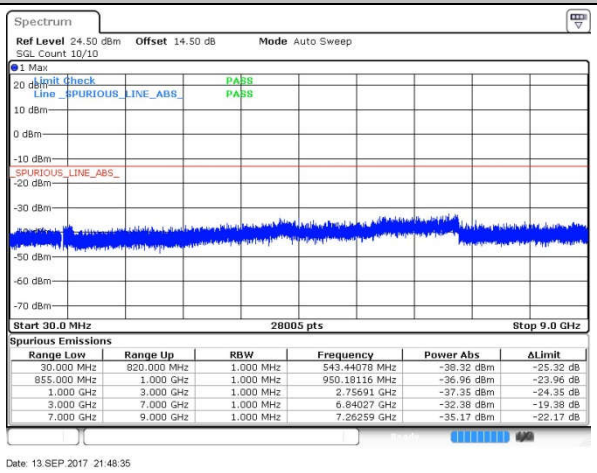
Lowest Channel

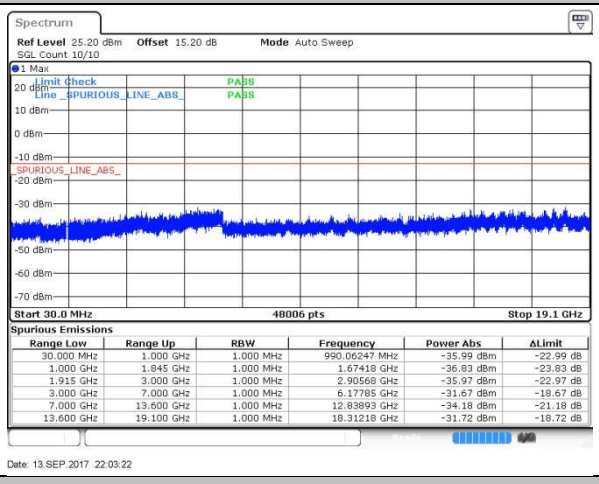
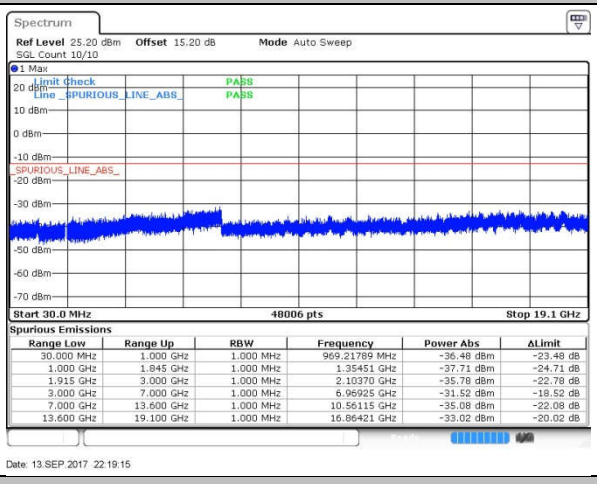
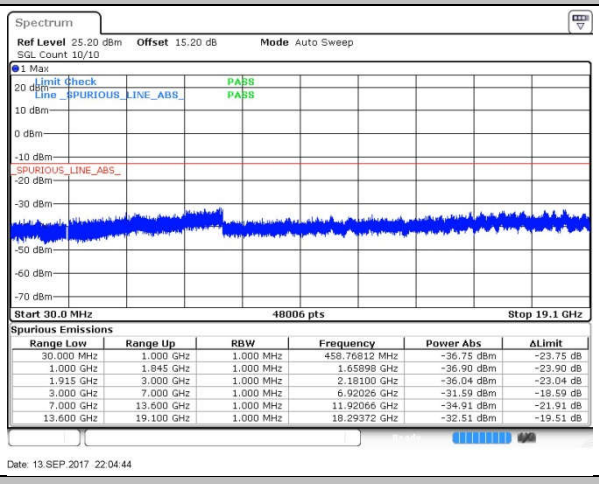
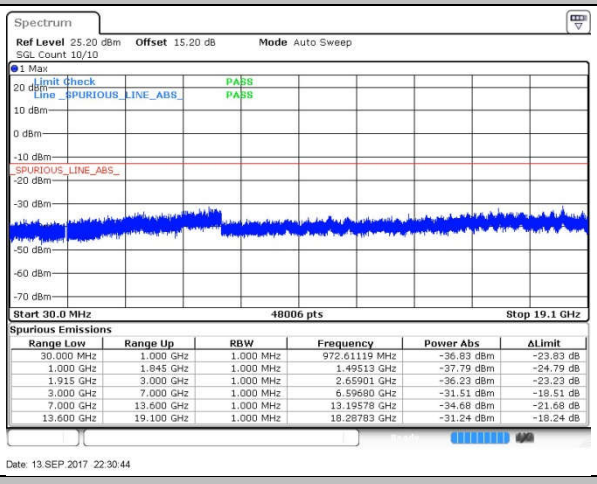
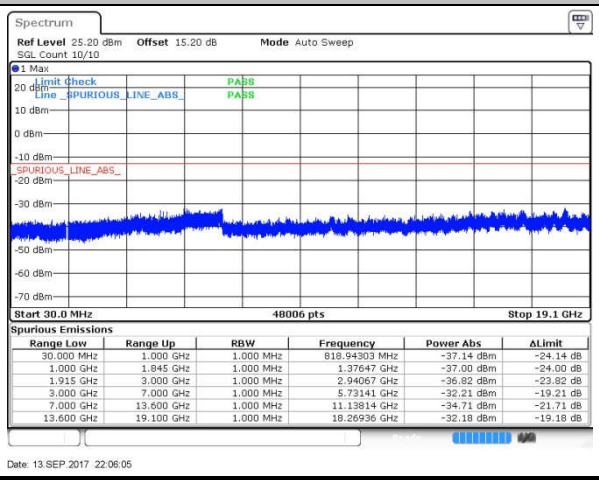
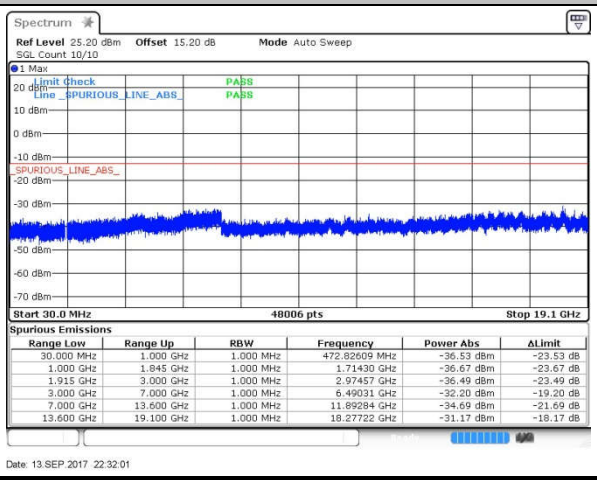


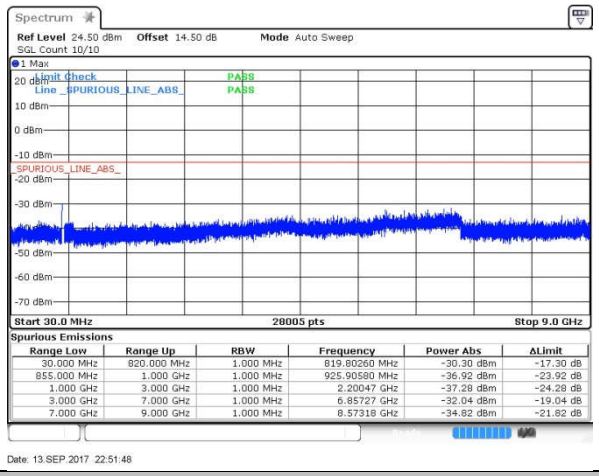
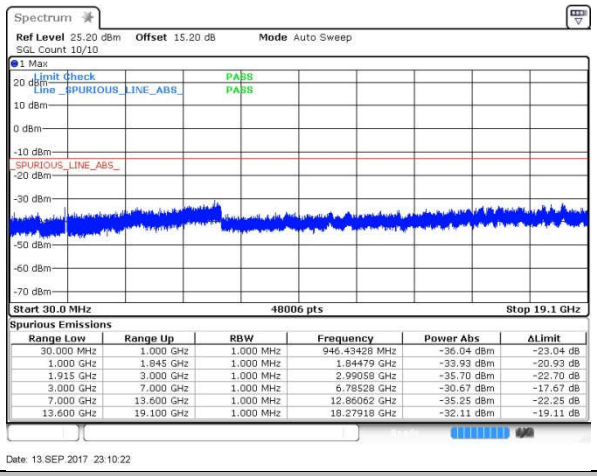
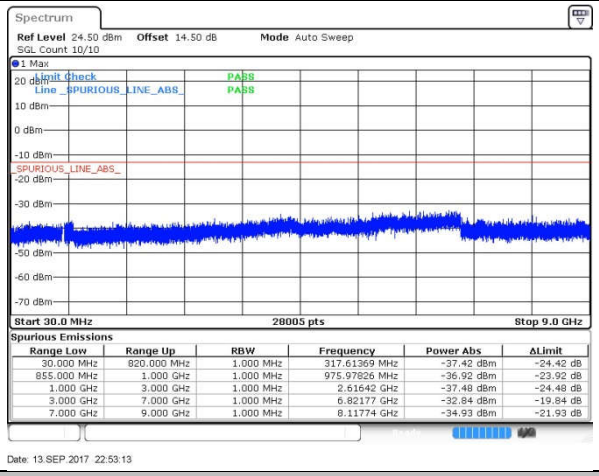
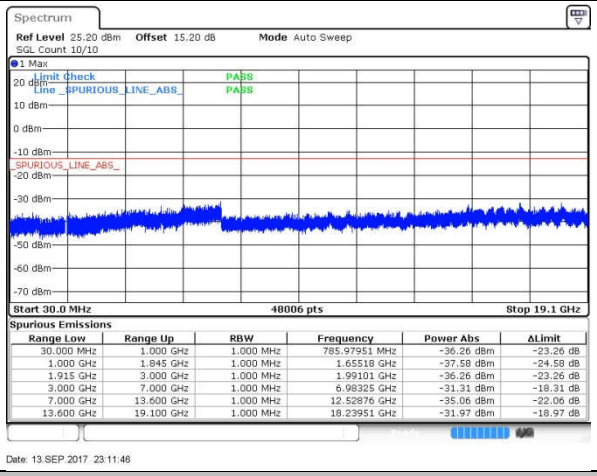
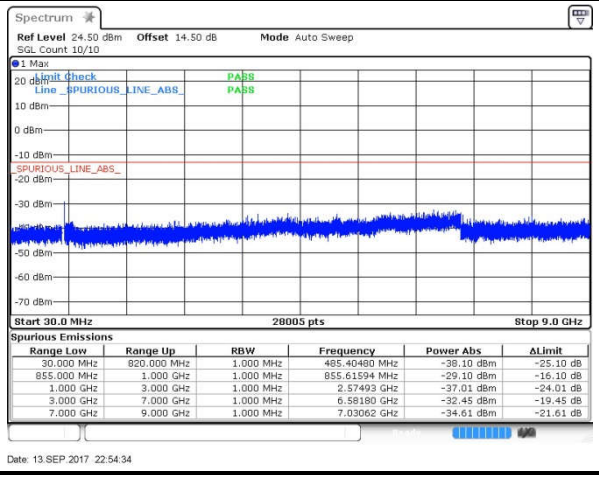
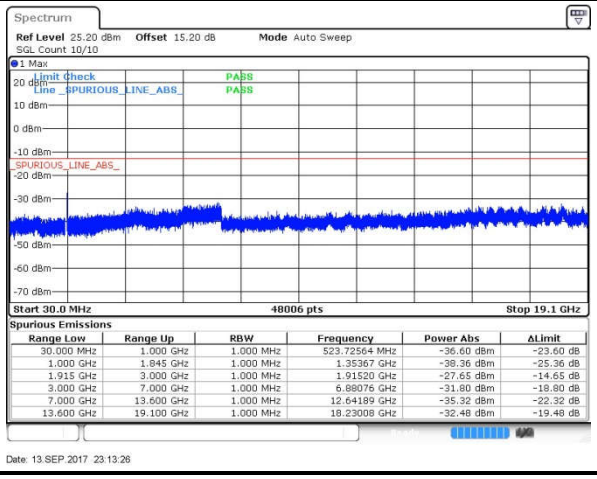
Middle Channel



Highest Channel



GSM1900 (GSM)	GSM1900 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

Frequency Stability

Test Conditions	Middle Channel	GSM850 (GSM)	GSM850 (EDGE class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0048	0.0072	PASS
40	Normal Voltage	0.0060	0.0024	
30	Normal Voltage	0.0024	0.0048	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0036	0.0024	
0	Normal Voltage	0.0072	0.0096	
-10	Normal Voltage	0.0108	0.0024	
-20	Normal Voltage	0.0132	0.0060	
-30	Normal Voltage	0.0120	0.0048	
20	Maximum Voltage	0.0143	0.0072	
20	Normal Voltage	0.0084	0.0048	
20	Battery End Point	0.0179	0.0012	

Note: Normal Voltage = 3.85V. ；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0106	0.0016	PASS
40	Normal Voltage	0.0112	0.0122	
30	Normal Voltage	0.0122	0.0005	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0043	0.0021	
0	Normal Voltage	0.0037	0.0021	
-10	Normal Voltage	0.0016	0.0027	
-20	Normal Voltage	0.0032	0.0011	
-30	Normal Voltage	0.0021	0.0101	
20	Maximum Voltage	0.0011	0.0037	
20	Normal Voltage	0.0133	0.0005	
20	Battery End Point	0.0096	0.0154	

Note:

1. Normal Voltage = 3.85V. ；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0072	PASS
40	Normal Voltage	0.0132	
30	Normal Voltage	0.0108	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0311	
-20	Normal Voltage	0.0323	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0383	
20	Normal Voltage	0.0299	
20	Battery End Point	0.0335	

Note: Normal Voltage = 3.85V. ；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0048	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0085	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0059	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage = 3.85V. ；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

GSM850 (GSM)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-48.12	-13	-35.12	-53.72	-50.44	1.33	5.80	H
	2508	-30.62	-13	-17.62	-43.69	-33.79	1.58	6.90	H
	3345	-66.31	-13	-53.31	-75.52	-69.81	1.85	7.50	H
	1672	-48.18	-13	-35.18	-53.75	-50.50	1.33	5.80	V
	2508	-34.06	-13	-21.06	-46.33	-37.23	1.58	6.90	V
	3345	-67.03	-13	-54.03	-76.05	-70.53	1.85	7.50	V

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

GSM850 (EDGE class 8)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-61.22	-13	-48.22	-63.82	-63.54	1.33	5.80	H
	2508	-51.84	-13	-38.84	-61.25	-55.01	1.58	6.90	H
	3345	-67.61	-13	-54.61	-76.82	-71.11	1.85	7.50	H
	1672	-58.88	-13	-45.88	-61.23	-61.20	1.33	5.80	V
	2508	-49.02	-13	-36.02	-58.67	-52.19	1.58	6.90	V
	3345	-67.40	-13	-54.40	-76.42	-70.90	1.85	7.50	V

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

GSM1900 (GSM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-56.67	-13	-43.67	-70.91	-58.38	5.08	6.80	H
	5640	-40.31	-13	-27.31	-58.06	-41.98	8.03	9.70	H
	7521	-56.26	-13	-43.26	-77.56	-58.64	9.43	11.81	H
	3759	-55.89	-13	-42.89	-68.32	-57.60	5.08	6.80	V
	5640	-46.25	-13	-33.25	-63.34	-47.92	8.03	9.70	V
	7521	-55.33	-13	-42.33	-76.47	-57.71	9.43	11.81	V

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

GSM1900 (EDGE class 8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-59.18	-13	-46.18	-73.42	-60.89	5.08	6.80	H
	5640	-51.68	-13	-38.68	-68.48	-53.35	8.03	9.70	H
	7521	-55.38	-13	-42.38	-76.68	-57.76	9.43	11.81	H
	3759	-59.58	-13	-46.58	-72.01	-61.29	5.08	6.80	V
	5640	-51.03	-13	-38.03	-68.12	-52.70	8.03	9.70	V
	7521	-55.69	-13	-42.69	-76.83	-58.07	9.43	11.81	V

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

WCDMA Band V(RMC 12.2Kbps)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-67.57	-13	-54.57	-70.17	-69.89	1.33	5.80	H
	2510	-55.27	-13	-42.27	-64.62	-58.44	1.58	6.90	H
	3345	-66.36	-13	-53.36	-75.57	-69.86	1.85	7.50	H
	1674	-66.52	-13	-53.52	-68.39	-68.84	1.33	5.80	V
	2506	-55.47	-13	-42.47	-63.44	-58.64	1.58	6.90	V
	3345	-65.94	-13	-52.94	-74.96	-69.44	1.85	7.50	V

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

WCDMA Band II(RMC 12.2Kbps)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-60.02	-13	-47.02	-74.26	-61.73	5.08	6.80	H
	5640	-58.47	-13	-45.47	-75.27	-60.14	8.03	9.70	H
	7521	-55.53	-13	-42.53	-76.83	-57.91	9.43	11.81	H
	3759	-61.74	-13	-48.74	-74.17	-63.45	5.08	6.80	V
	5640	-58.48	-13	-45.48	-75.57	-60.15	8.03	9.70	V
	7521	-55.46	-13	-42.46	-76.6	-57.84	9.43	11.81	V

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