



**FCC CFR47 PART 22 SUBPART H
FCC CFR47 PART 24 SUBPART E
CERTIFICATION TEST REPORT**

FOR

GSM1900 Phone with WiFi/BT

MODEL NUMBER: GT-I9128I

FCC ID: A3LGTI9128I

REPORT NUMBER: 13I5225-2, Revision B

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Prepared for

**SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN 3-DONG, YEONGTONG-GU
SUWON-CITY, GYEONGGI-DO 443-742, SOUTH KOREA**

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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
---	6/27/13	Initial Issue	P. Kim
A	7/29/13	Update administrative information	P. Kim
B	8/5/13	Update administrative information	P. Kim

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN 3-DONG, YEONGTONG-GU
SUWON-CITY, GYEONGGI-DO 443-742, SOUTH KOREA

EUT DESCRIPTION: GSM1900 Phone with WiFi/BT

MODEL: GT-I9128I

SERIAL NUMBER: 0677A774 (RADIATED)
20A084AD (CONDUCTED)

DATE TESTED: JUNE 6-21, 2013

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 24E	PASS

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL Verification Services Inc. By:



PHILIP KIM
WISE OPERATIONS MANAGER
UL VERIFICATION SERVICES INC.

Tested By:



STEVEN TRAN
WISE LAB TECHNICIAN
UL VERIFICATION SERVICES INC.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with TIA-603-C, FCC CFR 47 Part 2, FCC CFR 47 Part 22, and FCC CFR Part 24.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 Benicia Street, Fremont, California, USA.

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://www.ccsemc.com>.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\text{Field Strength (dBuV/m)} = \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} - \text{Preamp Gain (dB)}$$

$$36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$$

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	3.52 dB
Radiated Disturbance, 30 to 1000 MHz	4.94 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is an 802.11 B/G/N 1X1 HT20, + BT4.0 (LE) + GSM1900 bar phone.

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak of both conducted and ERP / EIRP output powers as follows:

Part 24					
Frequency range (MHz)	Modulation	Conducted		ERP	
		dBm	mW	dBm	mW
1850.2-1909.8	GPRS	29.70	933.3	29.05	803.5
1850.2-1909.8	EGPRS	26.10	407.4	27.83	606.7

5.3. SOFTWARE AND FIRMWARE

The firmware installed in the EUT during testing was REV 1.0 and the software was I9128I.001

5.4. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an FPCB antenna, with a maximum gain of -1.47 dBi.

5.5. WORST-CASE CONFIGURATION AND MODE

Based on the investigation results, the highest peak power and enhanced data rate is the worst-case scenario for all measurements.

Worst-case modes: GPRS.

Since the EUT is a portable device, to determine the worst/highest emissions, the X, Y, and Z orientations of the EUT with respect to the turntable and the worst among them with headset and an AC adapter were investigated. After the investigations, Y-Orientation without AC adapter and headset was the worst case for cell bands, and Z-Orientation for PCS bands.

5.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
AC Adapter	Samsung	ETA0U82CBC	SE1C814AS/A-E	NA
Headset	Samsung	NA	NA	NA

I/O CABLES (CONDUCTED SETUP)

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	RF	1	Antenna Port	Un-Shielded	0.2m	NA
2	RF In/Out	1	Call Box	Un-Shielded	0.5m	NA
3	RF Out	1	Spectrum Analyzer	None	None	NA

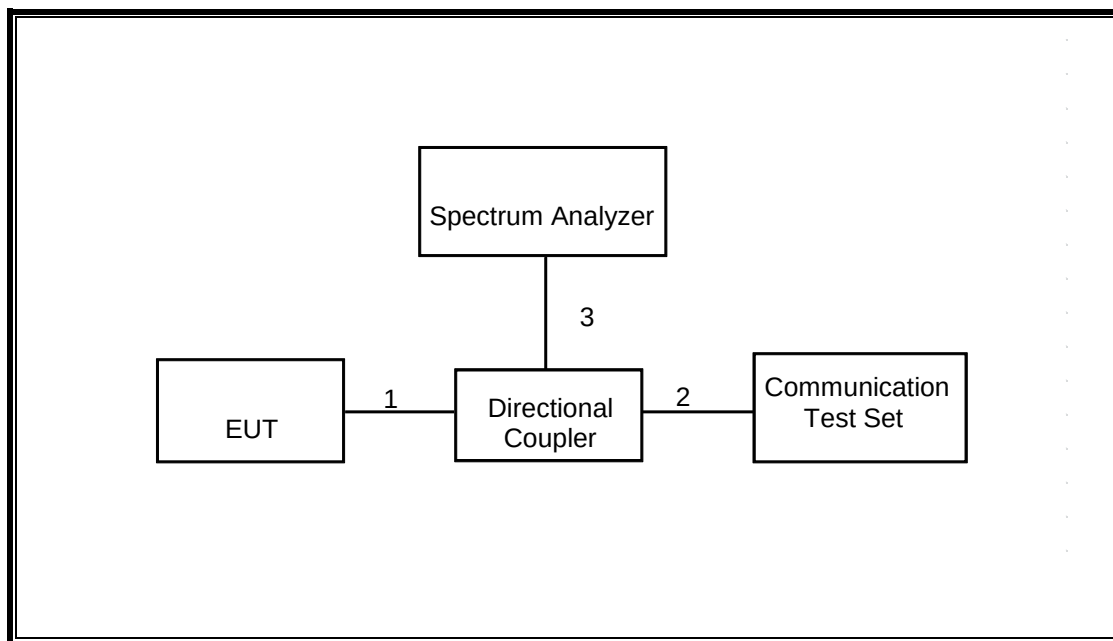
I/O CABLES (RADIATED SETUP)

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	DC	1	DC	Un-shielded	1m	NA
2	Jack	1	Earphone	Un-shielded	1.2m	NA

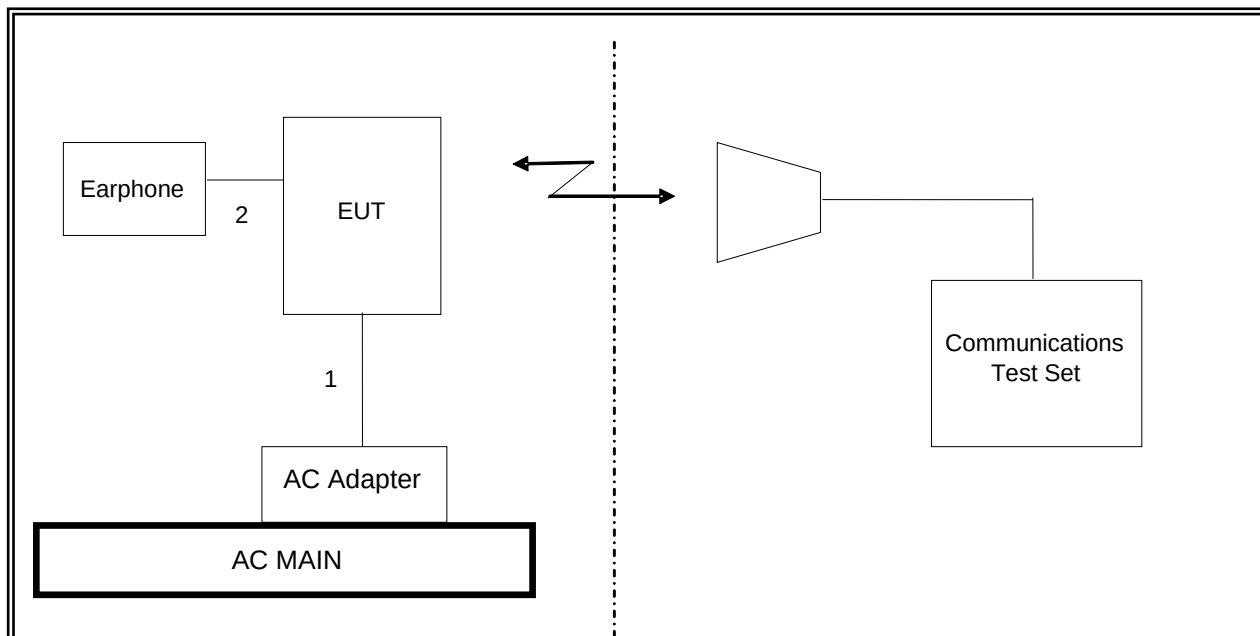
TEST SETUP

The EUT is a stand-alone device. A link is established between the EUT and the communications test set.

SETUP DIAGRAM FOR RF CONDUCTED TESTS



SETUP DIAGRAM FOR RF RADIATED TESTS



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Asset	Cal Due
Antenna, Horn, 18 GHz	EMCO	3115	C00872	10/25/13
Preamplifier, 1300 MHz	Agilent / HP	8447D	C00885	12/11/13
Spectrum Analyzer, 44 GHz	Agilent / HP	E4446A	C01179	02/26/14
Preamplifier, 26.5 GHz	Agilent / HP	8449B	C01063	10/22/13
Communication Test Set	Rohde & Swarz	CMW500	F00014	02/21/14
Temperature / Humidity Chamber	Thermotron	SE 600-10-10	C00930	01/09/14
Highpass Filter, 1.5 GHz	Micro-Tronics	HPM13193	N02689	CNR
Highpass Filter, 2.7 GHz	Micro-Tronics	HPM13194	N02687	CNR
Antenna, Biconolog, 30MHz-1 GHz	Sunol Sciences	JB1	C01016	08/14/13
Vector signal generator, 6 GHz	Agilent / HP	E4438C	None	07/06/13
Antenna, Tuned Dipole 400~1000 MHz	ETS	3121C DB4	C00993	02/14/14
Horn Antenna, 18 to 26.5GHz	ARA	MWH-1826/B	F00196	05/17/14

7. RF POWER OUTPUT VERIFICATION

7.1. GSM MODE

TEST PROCEDURE

The transmitter output was connected to the input terminal of Directional Coupler via calibrated coaxial cable. The output coupling terminal of the Directional Coupler was directly connected to a spectrum analyzer while the output through terminal connected to the communication test set via calibrated coaxial cable.

The output power was measured with the spectrum analyzer at the low, middle and high channel in each band.

- Set the spectrum analyzer span wide enough or greater than the modulated signal BW.
- Set a spectrum analyzer at peak detection mode with VBW $\geq$ RBW $\geq$ 26dB BW, typically 3MHz.
- Set a marker to point the corresponding peak value.

GPRS/EGPRS

Function: Menu select > GSM Mobile Station > GSM 850/900/1800/1900

Press Connection control to choose the different menus

Press RESET > choose all to reset all settings

Connection Press Signal Off to turn off the signal and change settings

Network Support > GSM+GPRS or GSM+EGPRS

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 850/900

> 27 dBm for EGPRS 850/900

> 30 dBm for GPRS1800/1900

> 26 dBm for EGPRS1800/1900

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 stable)

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 (Default)
Network Coding Scheme > CS1 (GPRS) and MCS5 (EGPRS)
Bit Stream > 2E9-1PSR Bit Pattern

AF/RP Enter appropriate offsets for Ext. Att. Output and Ext. Att. Input
Connection Press Signal On to turn on the signal and change settings

RESULTS

GPRS

PCS

Mode	Ch.	f (MHz)	1 TS	2 TS	3 TS	4 TS
			Burst Power	Burst Power	Burst Power	Burst Power
GPRS	512	1850.2	29.7	29.0	27.6	26.3
	661	1880.0	29.6	28.9	27.6	26.2
	810	1909.8	29.4	28.7	27.6	26.2

EGPRS

PCS

	Ch.	f (MHz)	1 TS	2 TS	3 TS	4 TS
			Burst Power	Burst Power	Burst Power	Burst Power
EGPRS	512	1850.2	26.1	24.9	22.2	21.6
	661	1880.0	26.0	24.8	22.1	21.6
	810	1909.8	25.8	24.7	22.0	21.5

8. CONDUCTED TEST RESULTS

8.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

LIMITS

For reporting purposes only

TEST PROCEDURE

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at the low, middle and high channel in each band. The -26dB bandwidth was also measured and recorded.

MODES TESTED

- GPRS/EGPRS

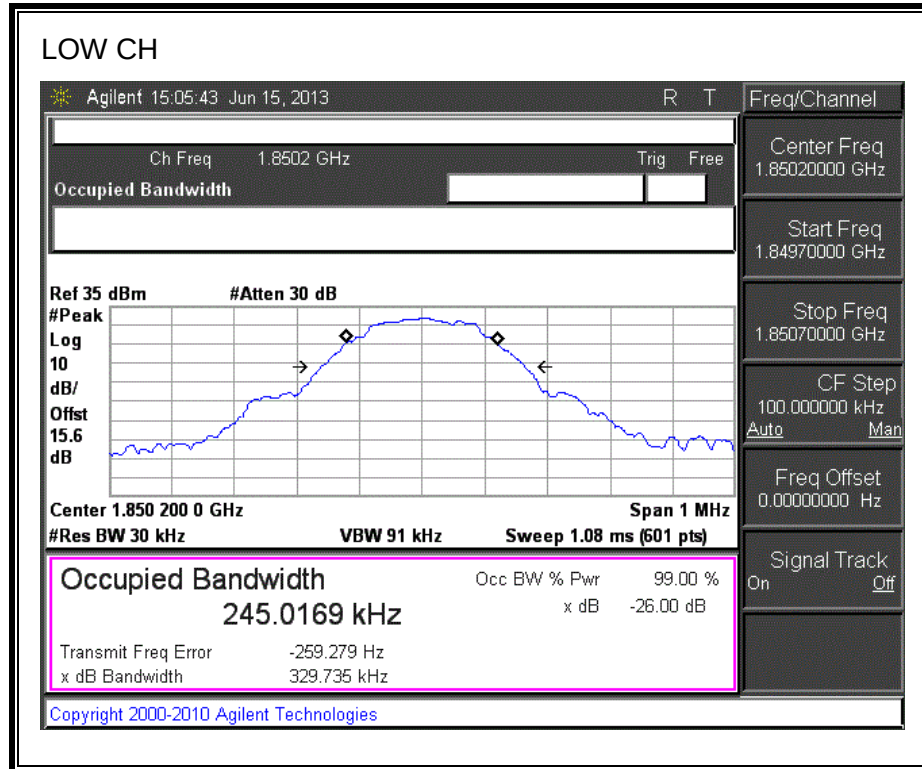
RESULTS

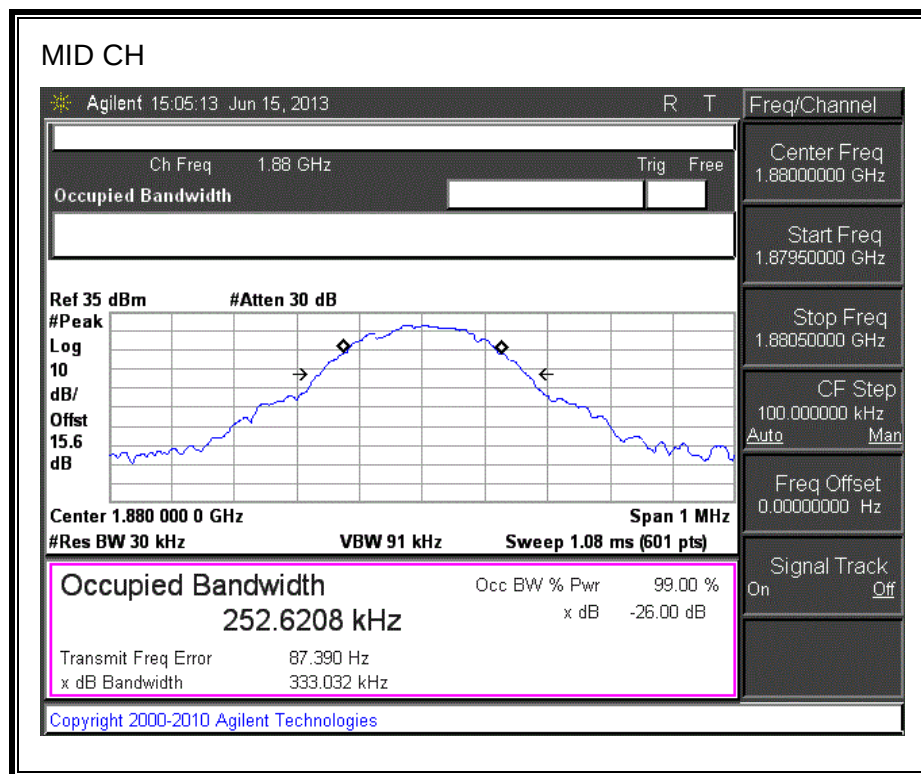
Band	Mode	Channel	f (MHz)	99% BW (kHz)	-26dB BW (kHz)
GPRS	PCS	512	1850.2	245.0169	329.735
		661	1880.0	252.6208	333.032
		810	1909.8	251.9812	332.962

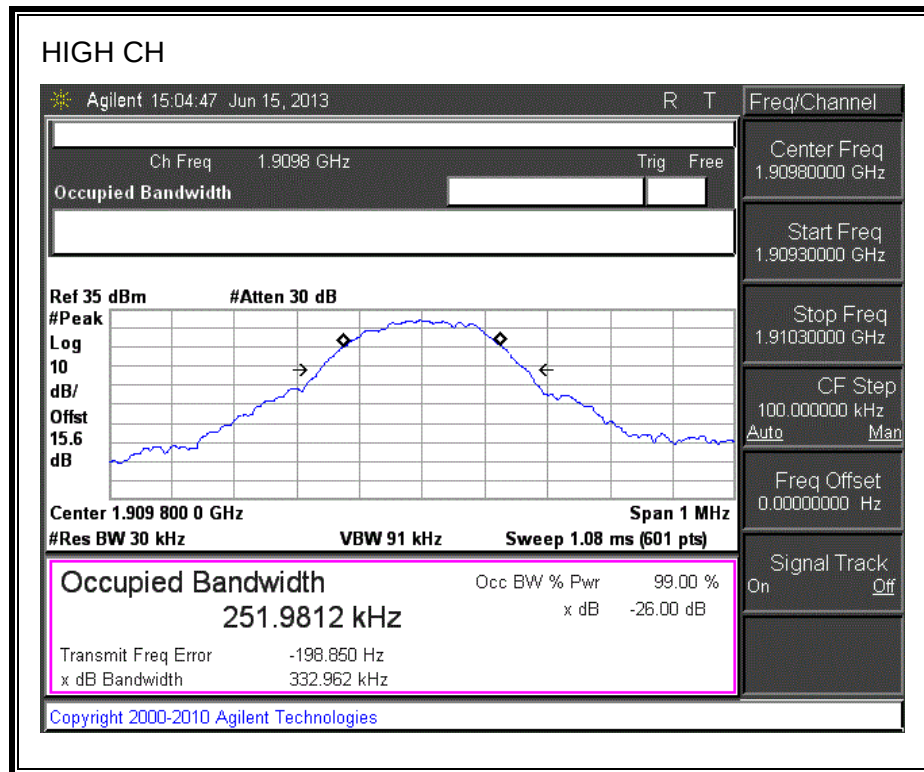
Band	Mode	Channel	f (MHz)	99% BW (kHz)	-26dB BW (kHz)
EGPRS	PCS	512	1850.2	254.0893	329.320
		661	1880.0	250.1709	326.896
		810	1909.8	230.7814	320.995

8.1.1. GPRS MODE

PCS Band

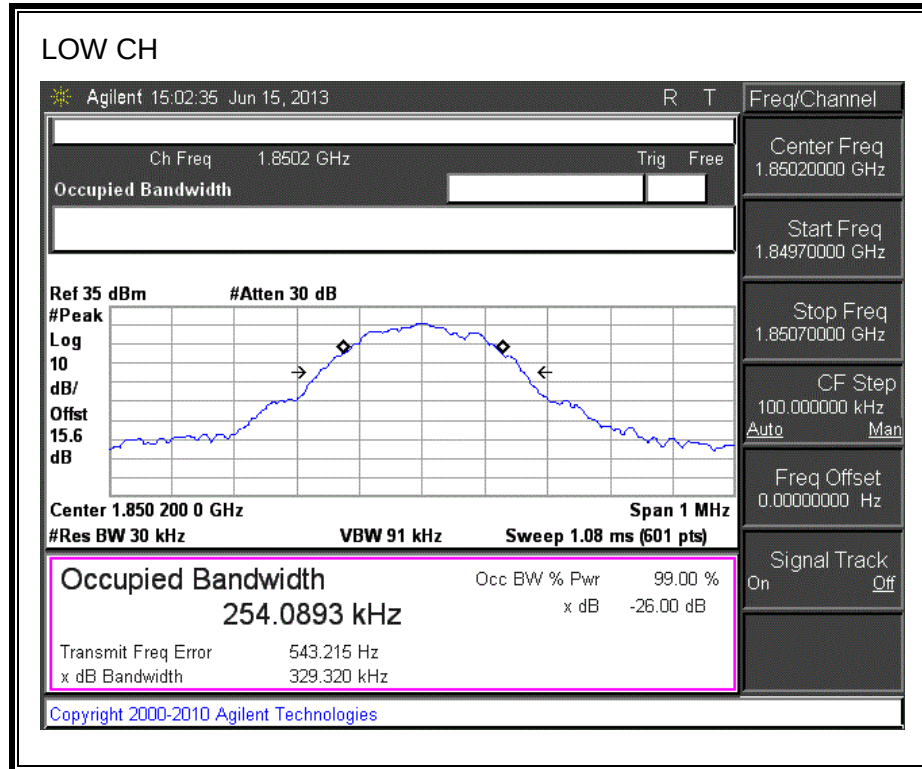


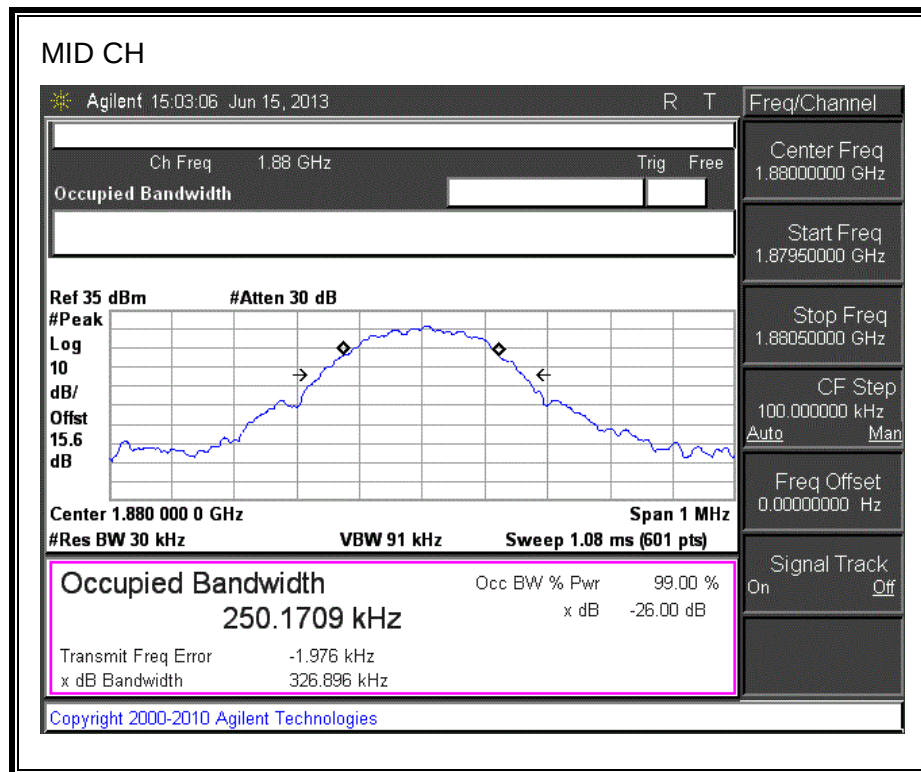


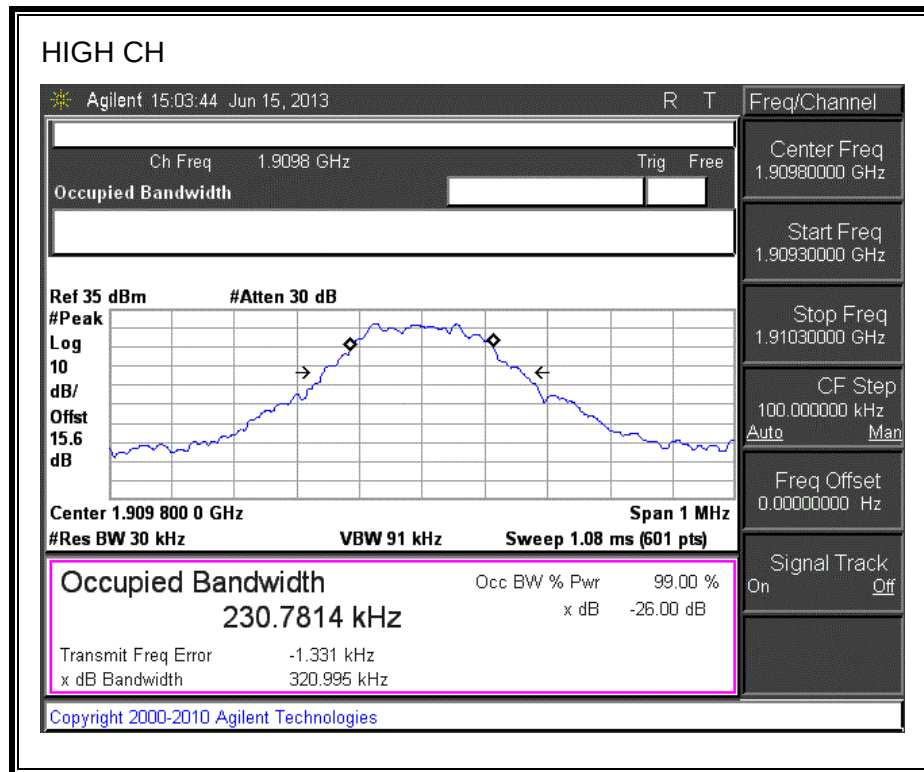


8.1.1. EGPRS MODE

PCS Band







8.2. BAND EDGE

RULE PART(S)

FCC: §22.359, 24.238

LIMITS

The power of any emission 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 transmitter output was connected to a Agilent 8960 Test Set and configured to operate at maximum power. The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

For each band edge measurement:

- Set the spectrum analyzer span to include the block edge frequency (824, 848, 1850, 1910MHz)
- Set a marker to point the corresponding band edge frequency in each test case.
- Set display line at -13 dBm
- Set resolution bandwidth to at least 1% of emission bandwidth.

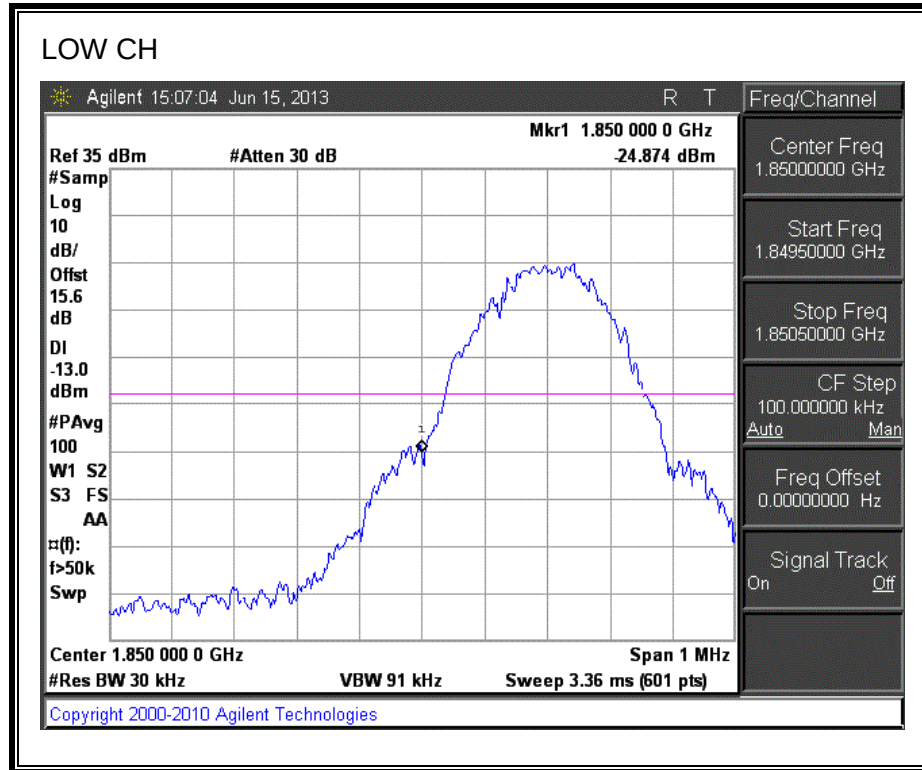
MODES TESTED

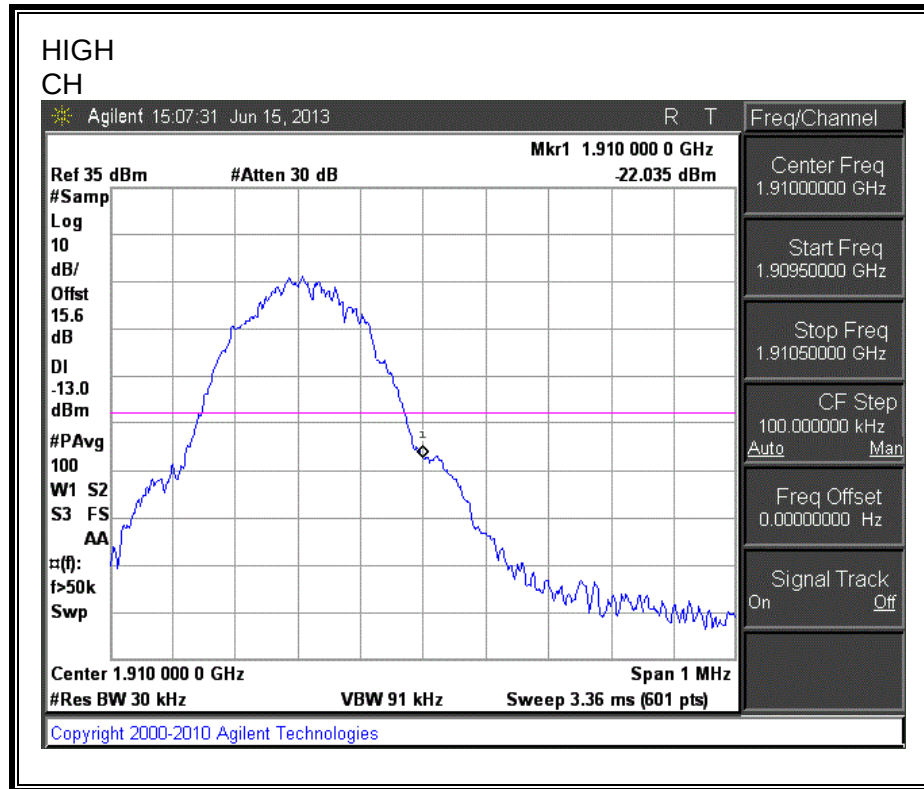
- GPRS

RESULTS

8.2.1. GPRS MODE

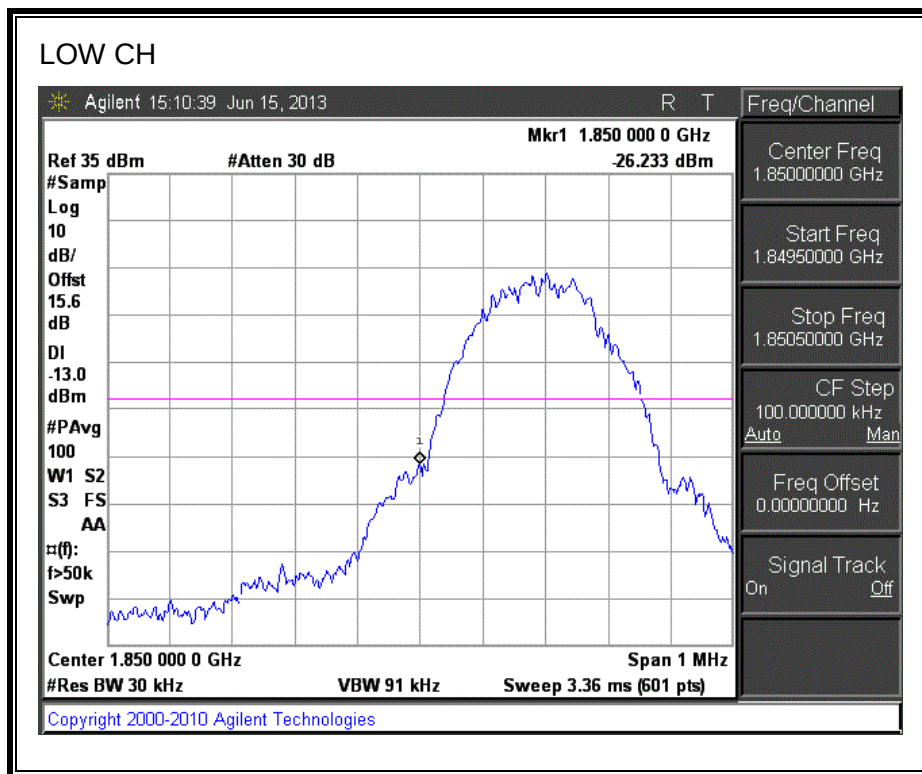
PCS BAND

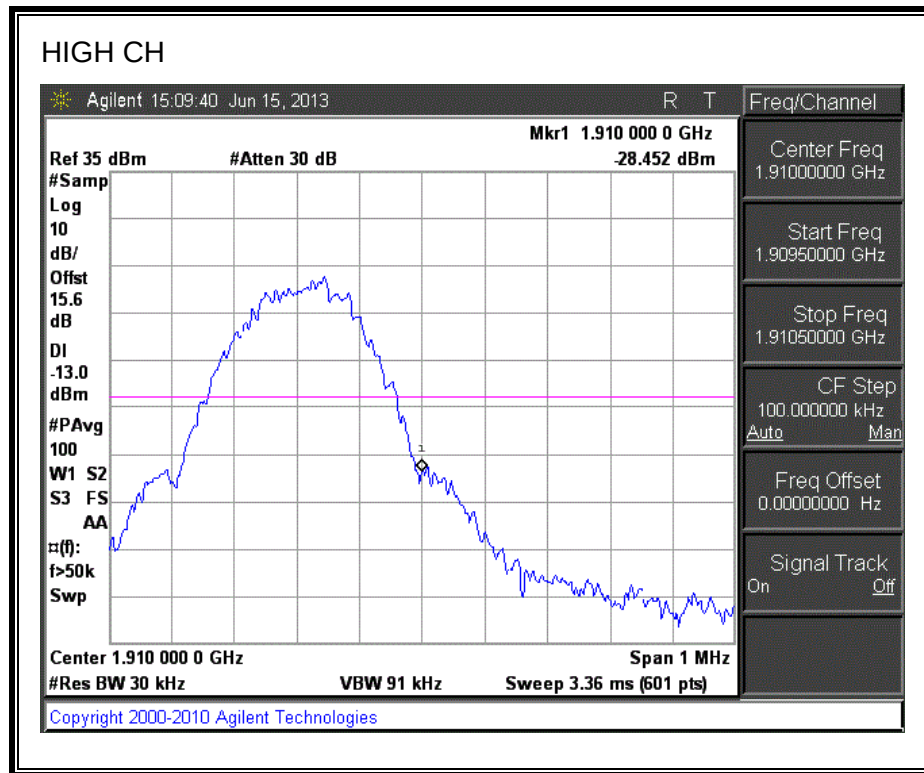




8.2.1. EGPRS MODE

PCS Band





8.3. OUT OF BAND EMISSIONS

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238

LIMITS

The power of any emission 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 a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

- Set display line at -13 dBm
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.

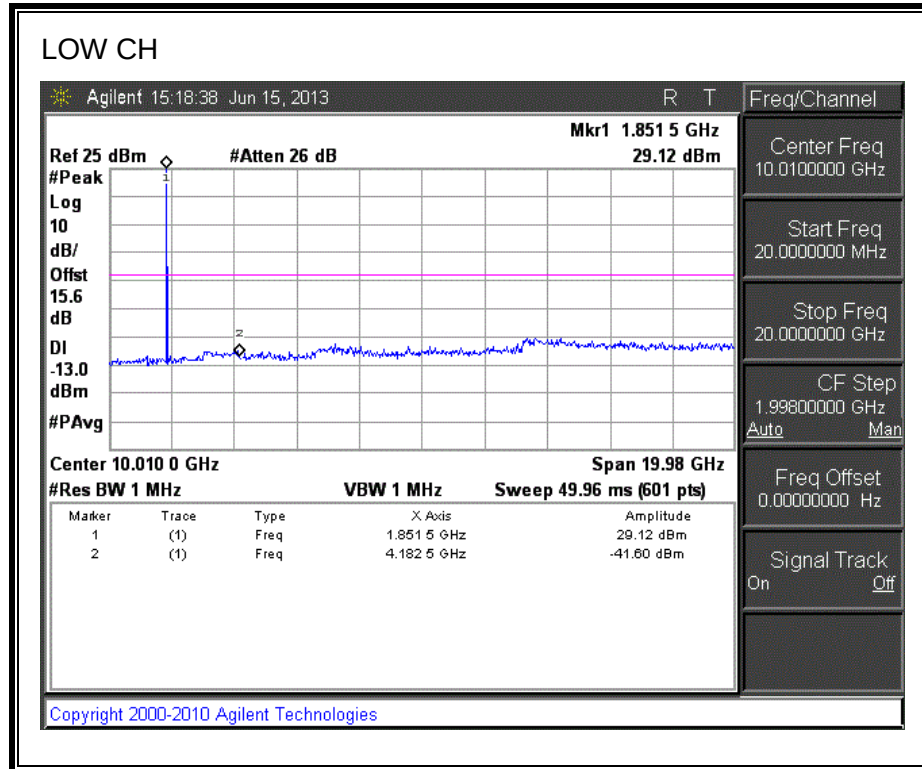
MODES TESTED

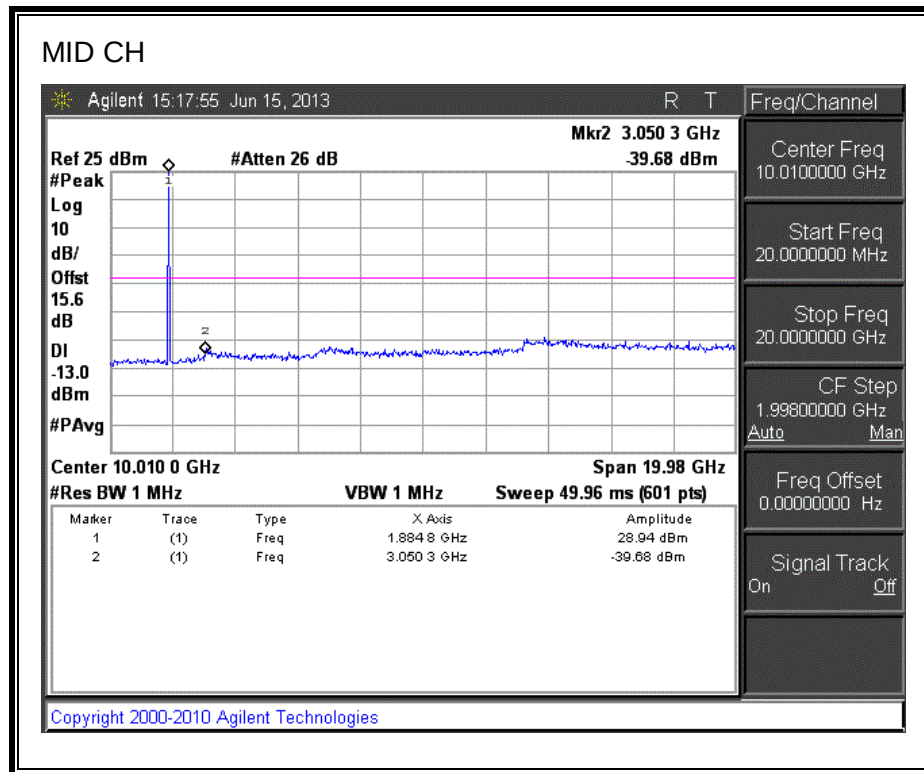
- GPRS

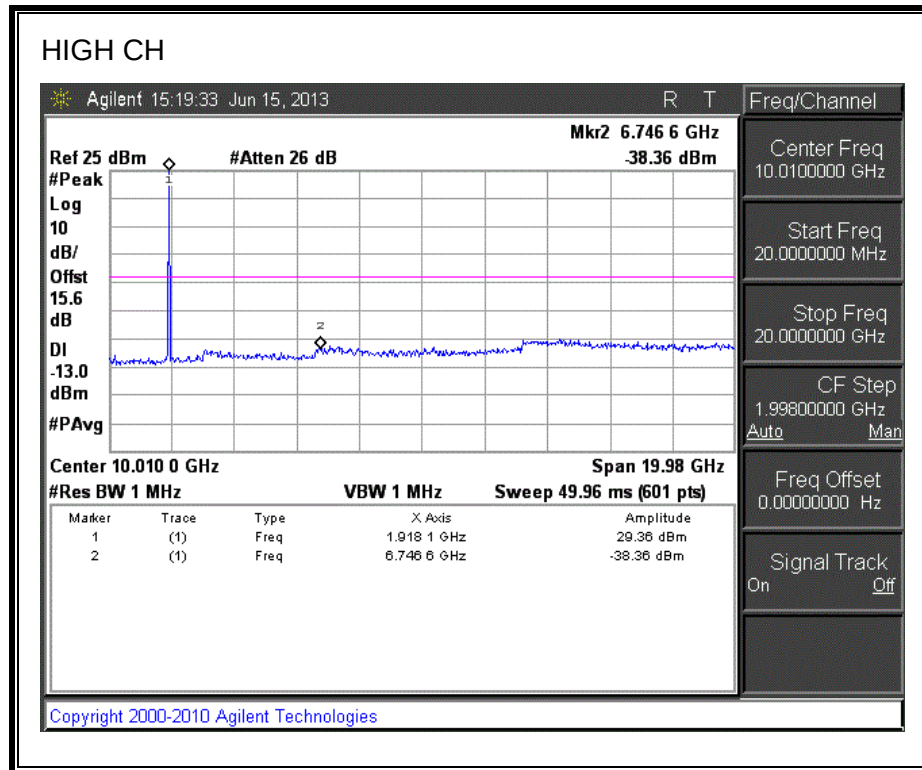
RESULTS

8.3.1. GPRS MODE

PCS BAND

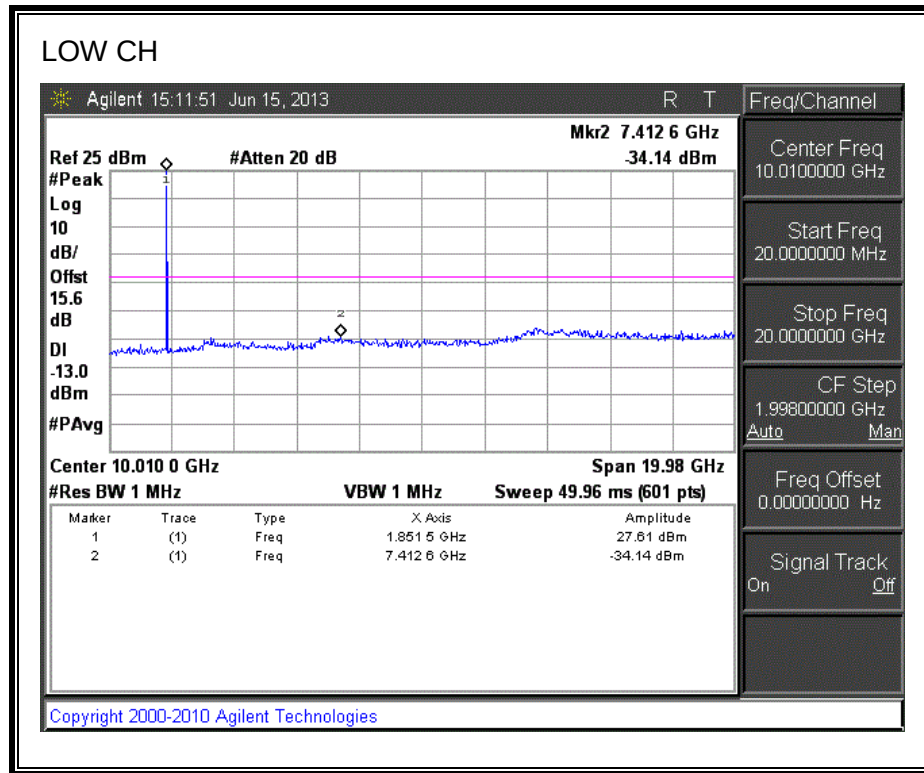


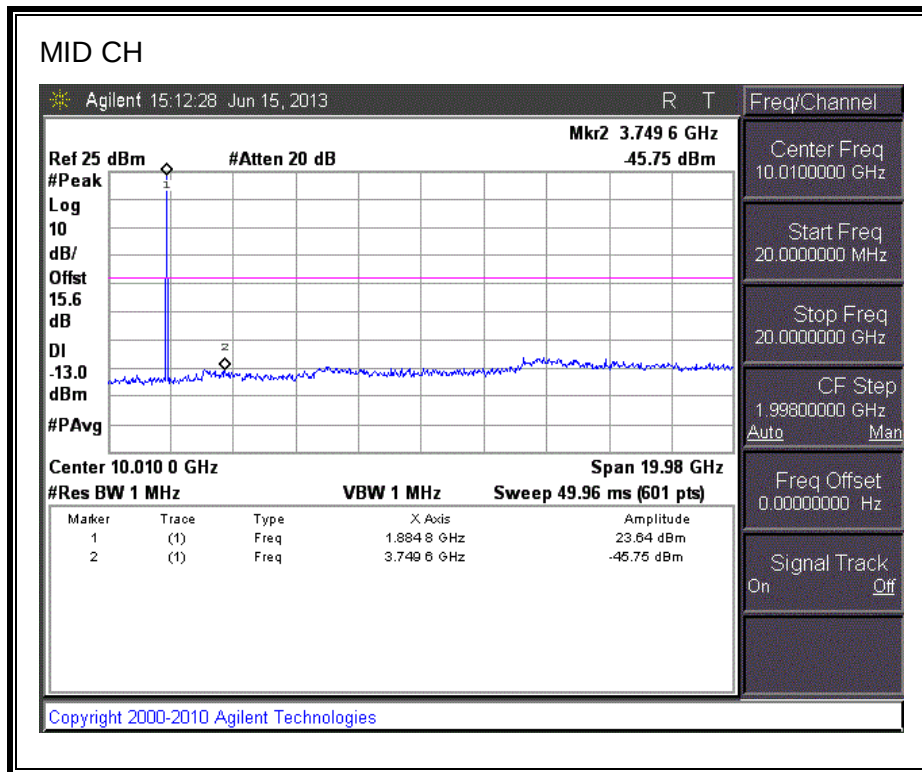


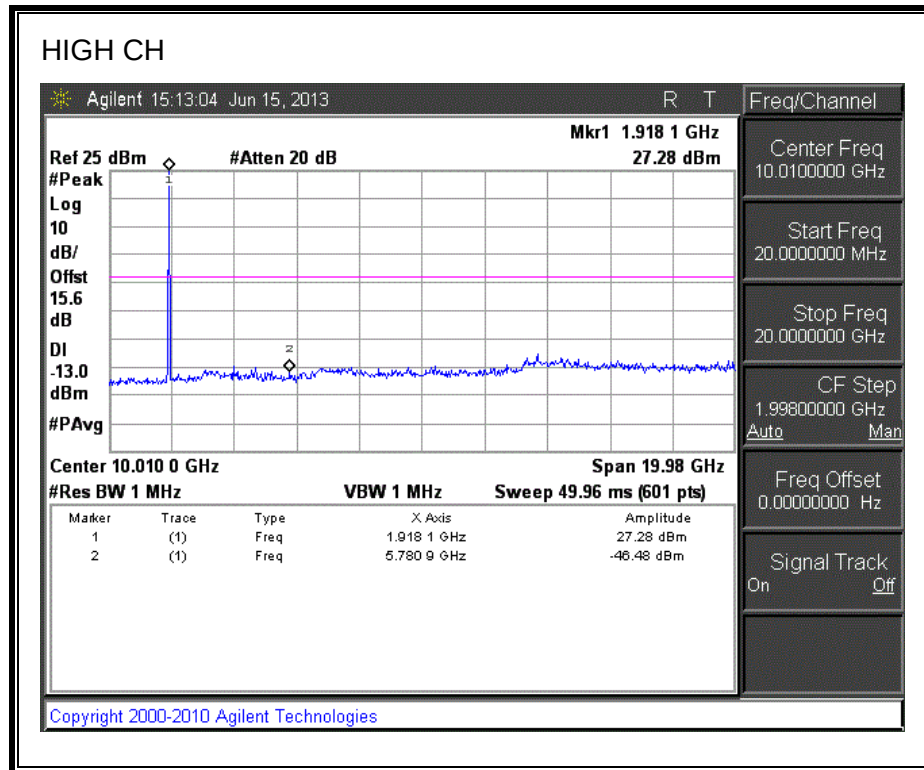


8.3.1. EGPRS MODE

PCS BAND







9. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §22.355, §24.235

LIMITS

- §22.355 - The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.
- §24.235 - The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

TEST PROCEDURE

Use Agilent 8960 with Frequency Error measurement capability.

- Temp. = -30° to $+50^{\circ}\text{C}$
- Voltage = 85% - 115%

Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until $+50^{\circ}\text{C}$ is reached.

Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

MODES TESTED

- GPRS 1900 only

RESULTS

See the following pages

PCS, GPRS MODULATION – MID CHANNEL

Reference Frequency: PCS Mid Channel 1879.999989Hz @ 20°C				
Limit: within the authorized block or +/- 2.5 ppm = 4700.000 Hz				
Power Supply (Vdc)	Environment Temperature (*C)	Frequency Deviation Measured with Time Elapse		
		(MHz)	Delta (ppm)	Limit (ppm)
3.30	50	1880.000010	-0.004	2.5
3.30	40	1880.000005	-0.001	2.5
3.30	30	1880.000004	-0.001	2.5
3.30	20	1880.000003	0	2.5
3.30	10	1879.999998	0.003	2.5
3.30	0	1879.999995	0.004	2.5
3.30	-10	1879.999988	0.008	2.5
3.30	-20	1879.999987	0.009	2.5
3.30	-30	1879.999986	0.009	2.5

Reference Frequency: PCS Mid Channel 1879.999989MHz @ 20°C				
Limit: within the authorized block or +/- 2.5 ppm = 4700.000 Hz				
Power Supply (Vdc)	Environment Temperature (*C)	Frequency Deviation Measured with Time Elapse		
		(MHz)	Delta (ppm)	Limit (ppm)
3.70	20	1880.000003	0.00000	2.5
4.20	20	1880.000002	0.00053	2.5
3.30	20	1880.000005	-0.00106	2.5

10. RADIATED TEST RESULTS

10.1. RADIATED POWER (ERP & EIRP)

RULE PART(S)

FCC: §2.1046, §22.913, §24.232

LIMITS

22.913(a) - The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

24.232(c) - Mobile/portable stations are limited to 2 watts e.i.r.p. peak power and the equipment must employ means to limit the power to the minimum necessary for successful communications.

TEST PROCEDURE

ANSI / TIA / EIA 603 Clause 2.2.17

The ERP/EIRP power was measured with the spectrum analyzer which attached with receiver antenna via calibrated cable. The measurements have been taken at the low, middle and high channel in each band.

- Set the spectrum analyzer span wide enough or greater than the modulated signal BW.
- Set a spectrum analyzer at peak detection mode with $VBW \geq RBW \geq 26\text{dB BW}$, typically 3MHz for GSM and 5MHz for WCDMA modes respectively.
- Set a marker to point the corresponding peak value.

MODES TESTED

- GPRS and EGPRS 1900 only

RESULTS

Mode	Channel	f (MHz)	EIRP	
			dBm	mW
GPRS	512	1850.20	29.05	803.53
	661	1880.00	27.98	628.06
	810	1909.80	27.63	579.43

Mode	Channel	f (MHz)	EIRP	
			dBm	mW
EGPRS	512	1850.20	27.83	606.74
	661	1880.00	27.28	534.56
	810	1909.80	25.31	339.63

GPRS 1900 (PCS Band)

High Frequency Fundamental Measurement Compliance Certification Services 5M Chamber B								
Company: Samsung Project #: 13I15225 Date: 06/18/13 Test Engineer: Steven Tran Configuration: EUT Y Position, all peripherals Mode: GSM 1900 GPRS								
Test Equipment:								
Receiving: Horn T59, and Chamber B SMA Cables								
Substitution: Horn T60 Substitution, 4ft SMA Cable (244639001) Warehouse								
f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch								
1.850	21.4	V	0.85	8.46	29.05	33.0	-3.9	
1.850	18.8	H	0.85	8.52	26.45	33.0	-6.5	
Mid Ch								
1.880	20.4	V	0.85	8.46	27.98	33.0	-5.0	
1.880	18.9	H	0.85	8.52	26.61	33.0	-6.4	
High Ch								
1.910	20.0	V	0.85	8.46	27.63	33.0	-5.4	
1.910	17.7	H	0.85	8.52	25.35	33.0	-7.6	
Rev. 3.17.11								

EGPRS 1900 (PCS Band)

High Frequency Fundamental Measurement Compliance Certification Services 5M Chamber B								
Company: Samsung Project #: 13U15226 Date: 06/18/13 Test Engineer: Steven Tran Configuration: EUT y position Mode: GSM 1900 EGPRS								
Test Equipment: Receiving: Horn T59, and Chamber B SMA Cables Substitution: Horn T60 Substitution, 4ft SMA Cable (244639001) Warehouse								
f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch								
1.850	20.2	V	0.85	8.46	27.83	33.0	-5.2	
1.850	17.3	H	0.85	8.52	24.97	33.0	-8.0	
Mid Ch								
1.880	19.7	V	0.85	8.46	27.28	33.0	-5.7	
1.880	17.7	H	0.85	8.52	25.37	33.0	-7.6	
High Ch								
1.910	17.7	V	0.85	8.46	25.31	33.0	-7.7	
1.910	16.5	H	0.85	8.52	24.13	33.0	-8.9	
Rev. 3.17.11								

10.2. FIELD STRENGTH OF SPURIOUS RADIATION

RULE PART(S)

FCC: §2.1053, §22.917, §24.238

LIMIT

The power of any emission 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

For Cellular equipment - Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

For PCS equipment - Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

MODES TESTED

- GPRS and EGPRS 1900 only

RESULTS

GPRS (PCS Band)

Compliance Certification Services									
Above 1GHz High Frequency Substitution Measurement									
Company:		Samsung							
Project #:		13I15225							
Date:		06/18/13							
Test Engineer:		Steven Tran							
Configuration:		Y Position, All Peripheals							
Mode:		Tx, 1900MHz GPRS MODE							
Chamber		Pre-amplifier		Filter		Limit			
5m Chamber B		T34 8449B		Filter 1		Part 24			
f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 1850.2MHz									
3.700	-14.4	V	3.0	35.4	1.0	-48.8	-13.0	-35.8	
3.700	-15.3	H	3.0	35.4	1.0	-49.7	-13.0	-36.7	
Mid Ch, 1880MHz									
3.760	-15.7	V	3.0	35.3	1.0	-50.1	-13.0	-37.1	
3.760	-14.6	H	3.0	35.3	1.0	-48.9	-13.0	-35.9	
High Ch, 1909.8MHz									
3.820	-14.3	V	3.0	35.3	1.0	-48.6	-13.0	-35.6	
3.820	-14.8	H	3.0	35.3	1.0	-49.1	-13.0	-36.1	
Rev. 03.03.09									
Note: No other emissions were detected above the system noise floor.									

EGPRS (PCS Band)

Compliance Certification Services									
Above 1GHz High Frequency Substitution Measurement									
Company:		Samsung							
Project #:		13I15225							
Date:		06/17/13							
Test Engineer:		Steven Tran							
Configuration:		Y position with all peripheals							
Mode:		Tx, 1900MHz EGPRS MODE							
Chamber		Pre-amplifier		Filter		Limit			
5m Chamber B		T34 8449B		Filter 1		Part 24			
f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 1850.2MHz									
3.700	-17.6	V	3.0	35.4	1.0	-52.0	-13.0	-39.0	
3.700	-16.7	H	3.0	35.4	1.0	-51.1	-13.0	-38.1	
Mid Ch, 1880MHz									
3.760	-18.0	V	3.0	35.3	1.0	-52.3	-13.0	-39.3	
3.760	-18.2	H	3.0	35.3	1.0	-52.5	-13.0	-39.5	
High Ch, 1909.8MHz									
3.820	-18.3	V	3.0	35.3	1.0	-52.6	-13.0	-39.6	
3.820	-16.5	H	3.0	35.3	1.0	-50.8	-13.0	-37.8	
Rev. 03.03.09									
Note: No other emissions were detected above the system noise floor.									