FCC CFR47 PART 24 SUBPART E
CERTIFICATION TEST REPORT

FOR

7 INCH TABLET PC GSM/GPRS1900 + 802.11bgn + BT3.0+HS

MODEL NUMBER: GT-P3108

FCC ID: A3LGTP3108

REPORT NUMBER: 12I14352-1, Revision A

ISSUE DATE: APRIL 20, 2012

Prepared for

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

Prepared by

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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
---	04/20/12	Initial Issue	T. Chan
A	05/29/12	Updated report issue date on cover page	A. Zaffar

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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:	7 INCH TABLET PC GSM/GPRS1900+802.11bgn+BT3.0+HS
MODEL:	GT-P3108
SERIAL NUMBER:	02004
DATE TESTED:	APRIL 14 - 20, 2012

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 24E	Pass

Compliance Certification Services (UL CCS) 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 CCS 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 CCS and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL CCS 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 CCS By:

THU CHAN
ENGINEERING MANAGER
UL CCS

Tested By:

CHIN PANG
EMC ENGINEER
UL CCS

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with TIA-603-C, FCC CFR 47 Part 2, 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 CCS 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:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)

36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 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 a 7 inch Tablet PC with GSM/GPRS1900MHz + 802.11bgn 1x1 (HT20) + BT3.0 + HS.

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak conducted and EIRP output power as follows:

Part 24 PCS Band

Frequency range (MHz)	Modulation	Conducted		EIRP	
		dBm	mW	dBm	mW
1850.2 – 1909.8	GSM	29.40	871.0	31.98	1577.6
1850.2 – 1909.8	GPRS	29.40	871.0	31.82	1520.5

5.3. SOFTWARE AND FIRMWARE

The EUT is linked with CMU200 Communication Test Set.

5.4. WORST-CASE CONFIGURATION AND MODE

The worst-case channel is determined as the channel with the highest output power.

Since the EUT is a portable device, in addition to the peak power measurements verification data shown below, the EUT also investigated on X, Y and Z orientations and the worst-orientations among them with AC/DC adapter and headset and the worst case was determined to be at X-Orientation with AC Adapter and headset for PCS band.

5.5. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
AC Adapter	Samsung	ETA-P11XBE	110411-11	DoC
Headset	Samsung	EHS64AVFWE	1049	NA

I/O CABLES (CONDUCTED)

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	AC	2	115VAC	Un-shielded	1.5m	N/A
2	DC	1	Flat DC Connector	Un-shielded	1.0m	USB other End
3	Antenna Port	1	BNC	Un-shielded	1.7m	N/A
4	RF In/Out	1	SMA	Shielded	0.6m	N/A

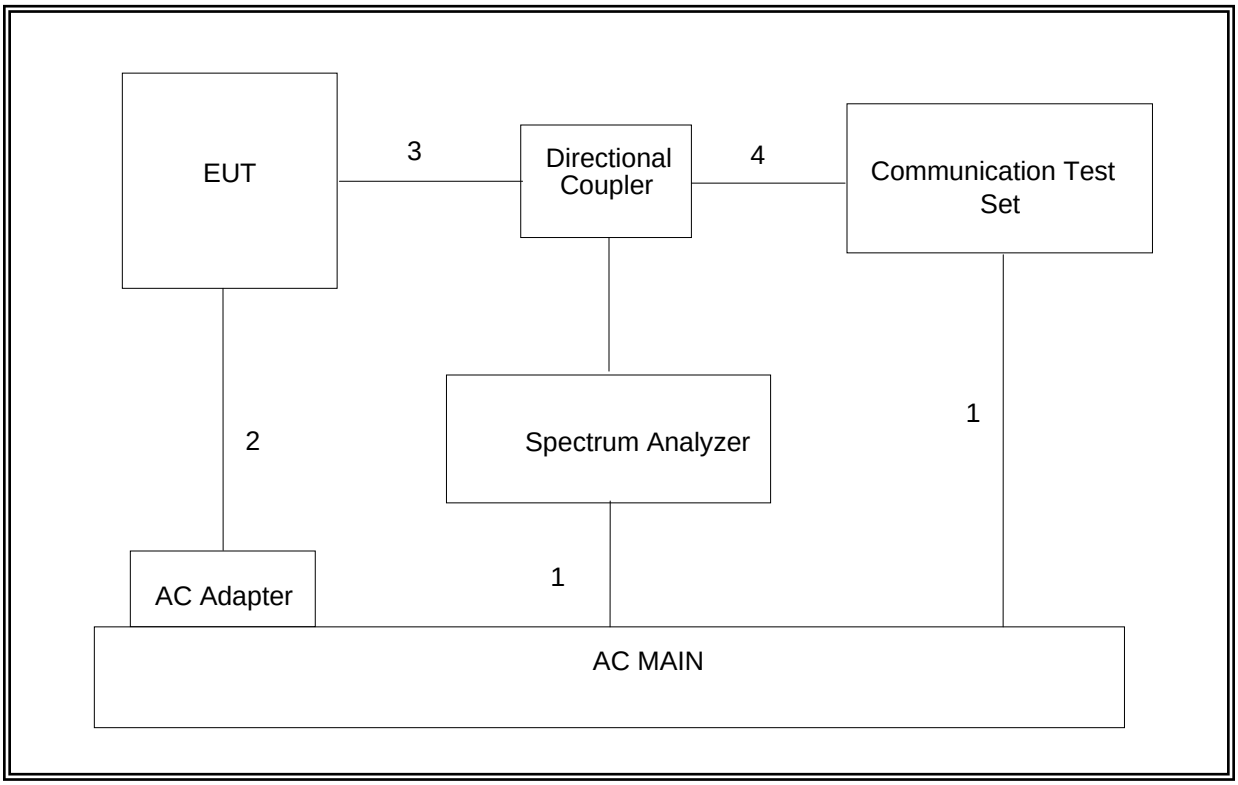
I/O CABLES (RADIATED)

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	Jack	1	Earphone	Un-shielded	1.5m	Volume Control on Cable
2	DC	1	Flat DC	Un-shielded	1.0m	USB other End

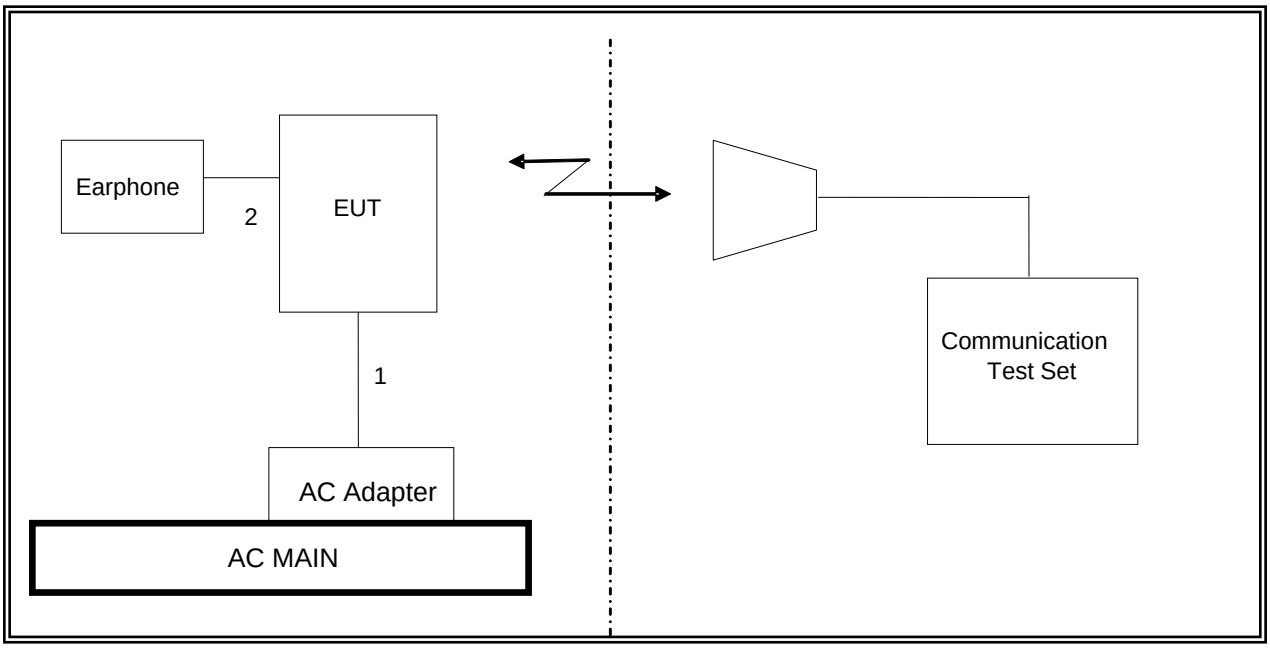
TEST SETUP

The EUT is a stand-alone device. A link is established between the EUT and the CMU 200 communication test set.

SETUP FOR CONDUCTED TESTS



SETUP FOR 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**
Spectrum Analyzer, 44 GHz	Agilent / HP	E4446A	C01159	05/11/12
Antenna, Horn, 18 GHz	EMCO	3115	C00872	06/29/12
Antenna, Bilog, 2 GHz	Sunol Sciences	JB1	C01011	07/16/12
Preamplifier, 1300 MHz	Agilent / HP	8447D	C00885	11/11/12
Preamplifier, 26.5 GHz	Agilent / HP	8449B	C01063	07/12/12
Communication Test Set	R & S	CMU200	C01131	06/24/12
Temperature / Humidity Chamber	Thermotron	SE 600-10-10	C00930	04/20/12
Highpass Filter, 2.7 GHz	Micro-Tronics	HPM13194	N02687	CNR
Directional Coupler	RF-Lambda	RFDC5M06G15	None	CNR
Signal Generator, 20 GHz	Agilent / HP	83732B	C00774	07/14/12
Antenna, Tuned Dipole 400~1000 MHz	ETS	3121C DB4	C00993	07/16/12

7. RF POWER OUTPUT VERIFICATION

7.1. RF POWER OUTPUT FOR GSM MODE

TEST PROCEDURE

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 > CS4 (GPRS) and MCS9 (EGPRS)

Bit Stream > 2E9-1PSR Bit Pattern

AF/RF Enter appropriate offsets for Ext. Att. Output and Ext. Att. Input

Connection Press Signal On to turn on the signal and change settings

RESULTS

GSM for PCS Band

Mode	Ch.	f (MHz)	1 time slot Peak (dBm)	2 time slots Peak (dBm)	3 time slots Peak (dBm)	4 time slots Peak (dBm)
GPRS	512	1850.2	29.20	29.10	29.10	29.10
	661	1880.0	**29.40**	29.30	29.30	29.30
	810	1909.8	29.30	29.20	29.20	29.20

GPRS for PCS Band

Mode	Ch.	f (MHz)	1 time slot Peak (dBm)	2 time slots Peak (dBm)	3 time slots Peak (dBm)	4 time slots Peak (dBm)
GPRS	512	1850.2	29.20	27.00	25.20	23.20
	661	1880.0	**29.40**	27.20	25.50	23.40
	810	1909.8	29.30	27.10	25.50	23.30

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

- GSM and GPRS

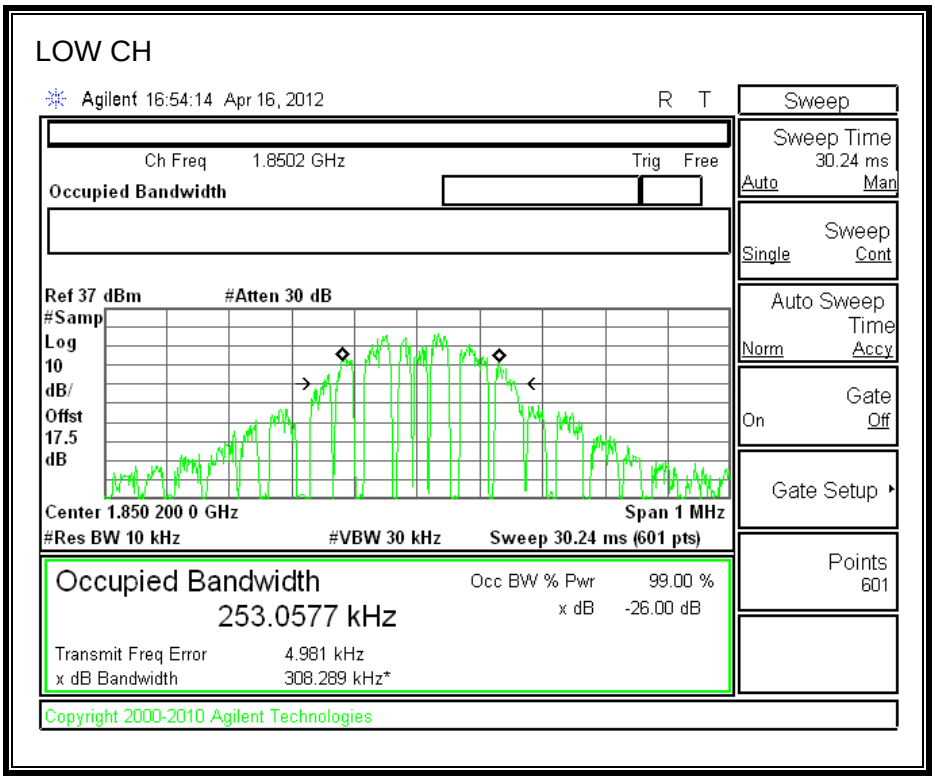
RESULTS

Band	Mode	Channel	f (MHz)	99% BW (KHz)	-26dB BW (KHz)
PCS	GSM	512	1850.2	253.0577	308.289
		661	1880.0	244.3386	298.533
		810	1909.8	252.7068	312.260

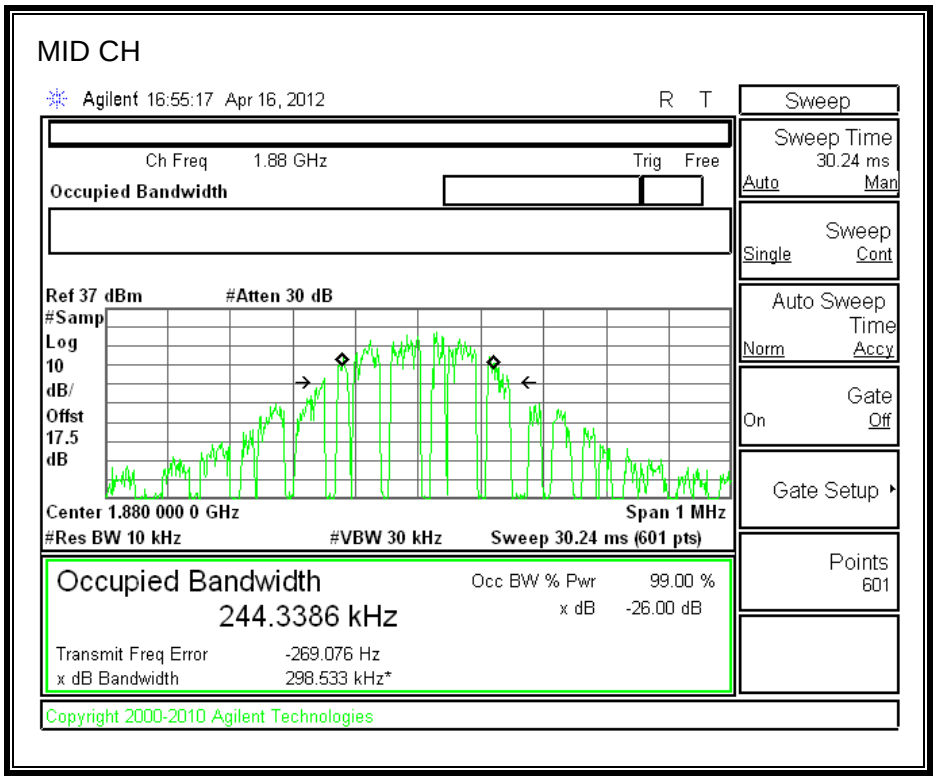
Band	Mode	Channel	f (MHz)	99% BW (KHz)	-26dB BW (KHz)
PCS	GPRS	512	1850.2	246.0283	272.529
		661	1880.0	248.8108	282.642
		810	1909.8	250.5872	311.286

GSM Mode (PCS Band)

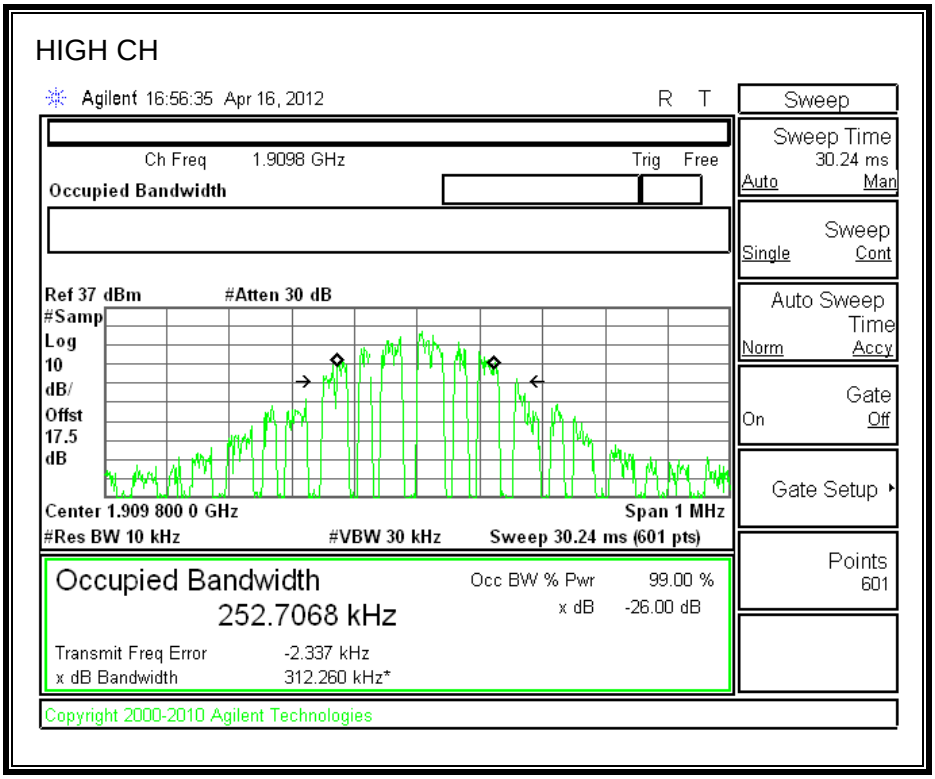
LOW CH



MID CH

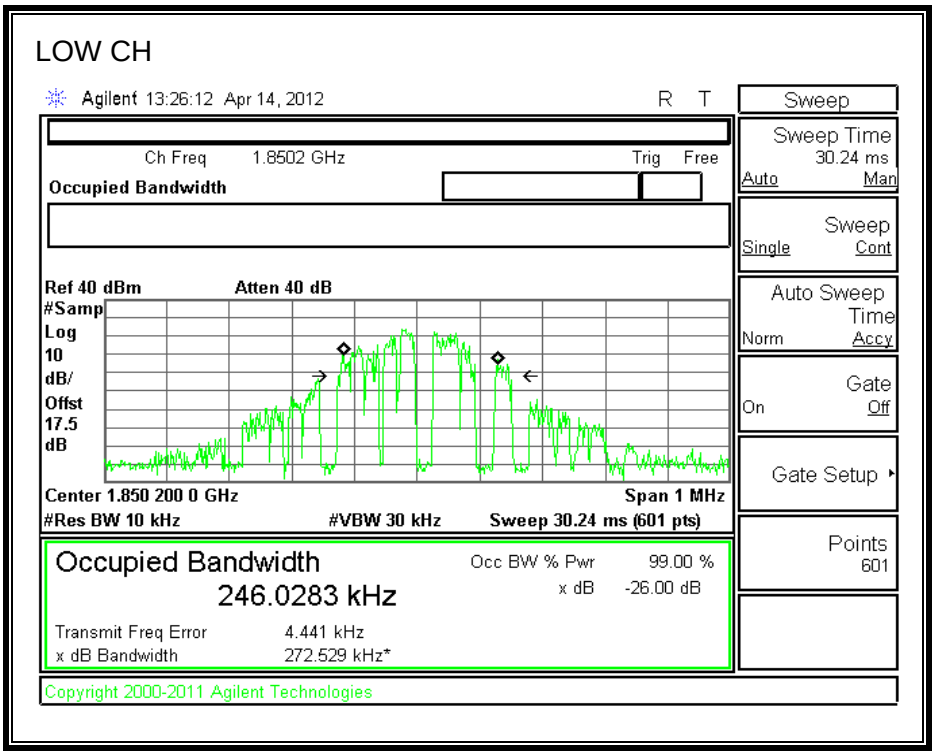


HIGH CH

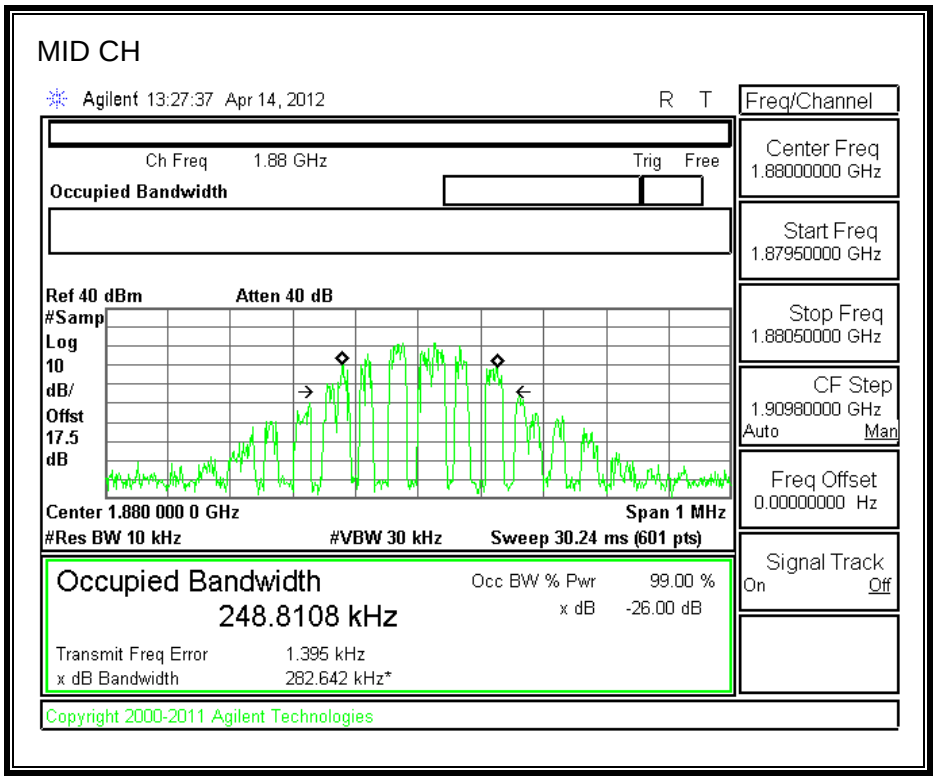


GPRS Mode (PCS Band)

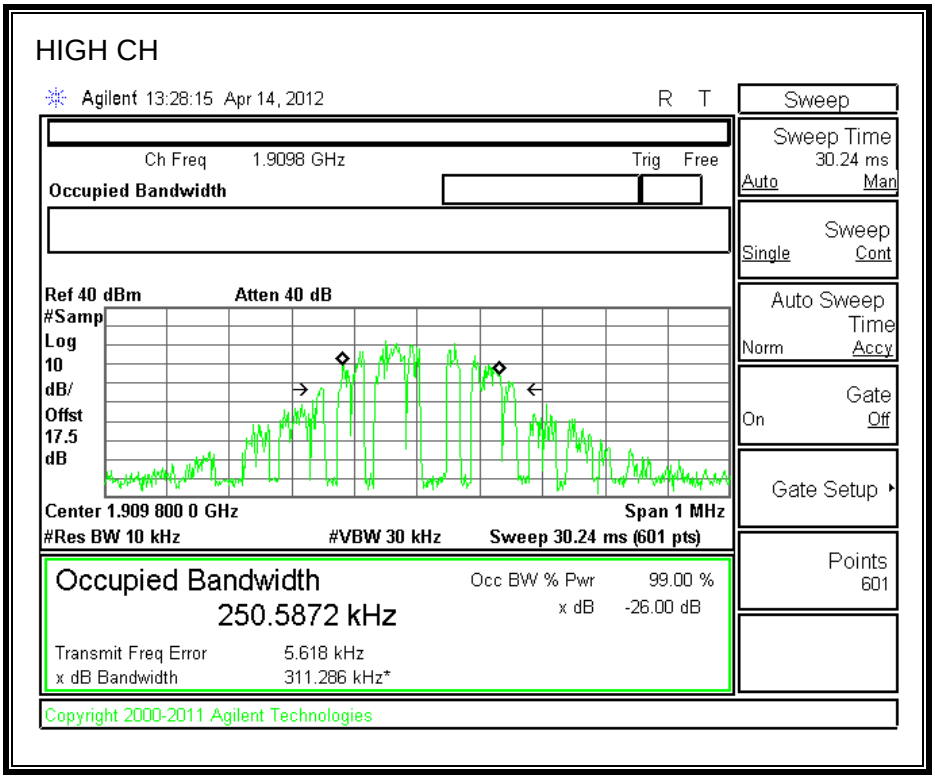
LOW CH



MID CH



HIGH CH



8.2. BAND EDGE

RULE PART(S)

FCC: 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 CMU 200 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 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.

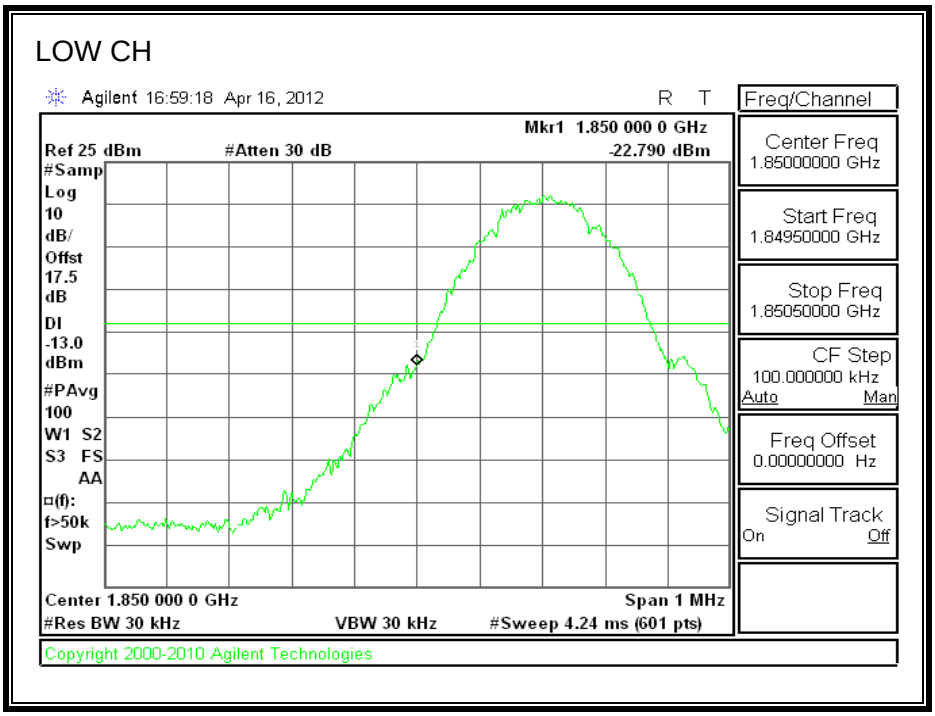
MODES TESTED

- GSM and GPRS

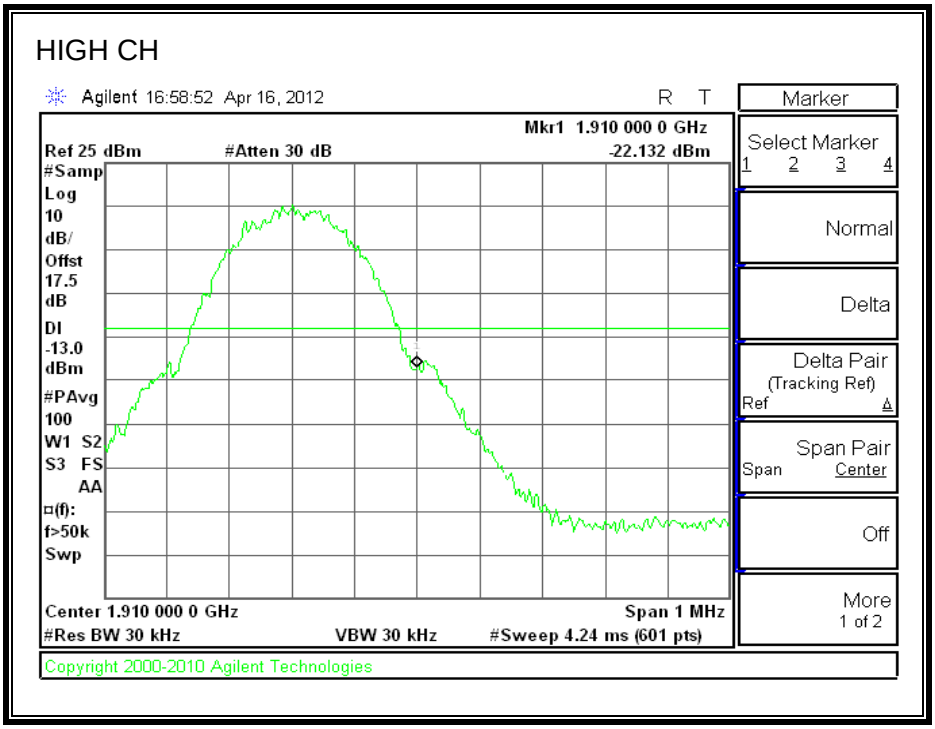
RESULTS

GSM

Low Channel Band Edge

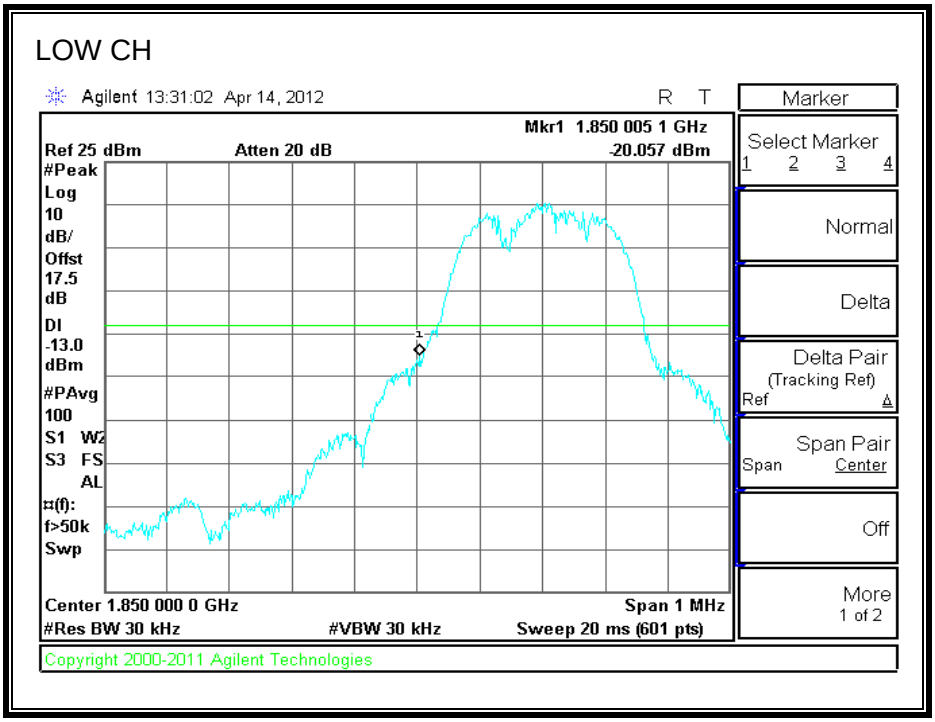


High Channel Band Edge

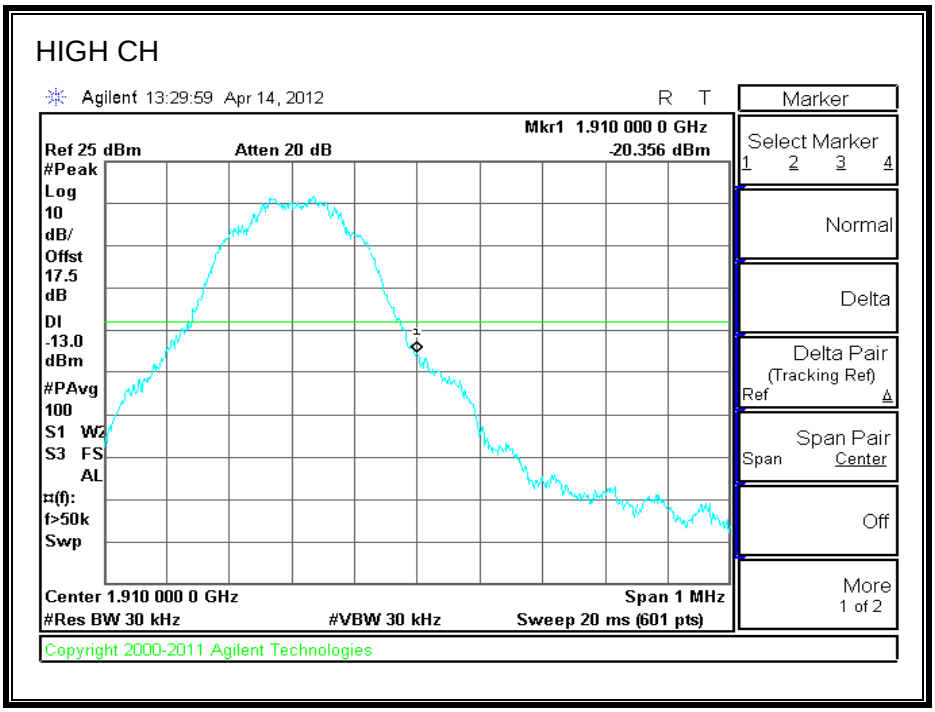


GPRS

Low Channel Band Edge



High Channel Band Edge



8.3. OUT OF BAND EMISSIONS

RULE PART(S)

FCC: §2.1051, §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.

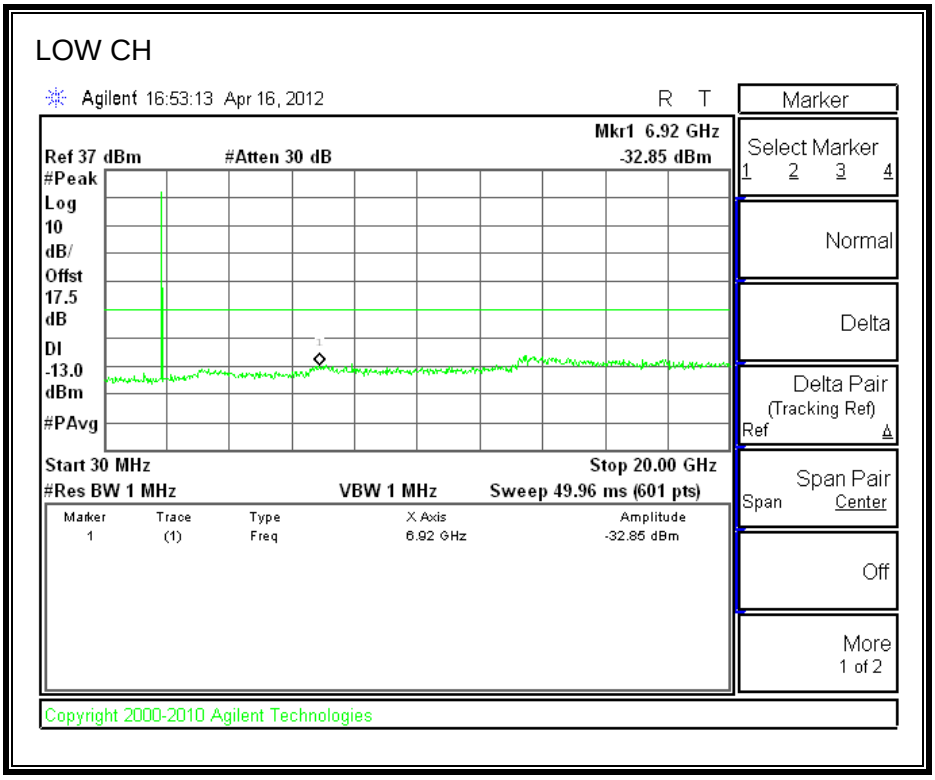
MODES TESTED

- GSM and GPRS

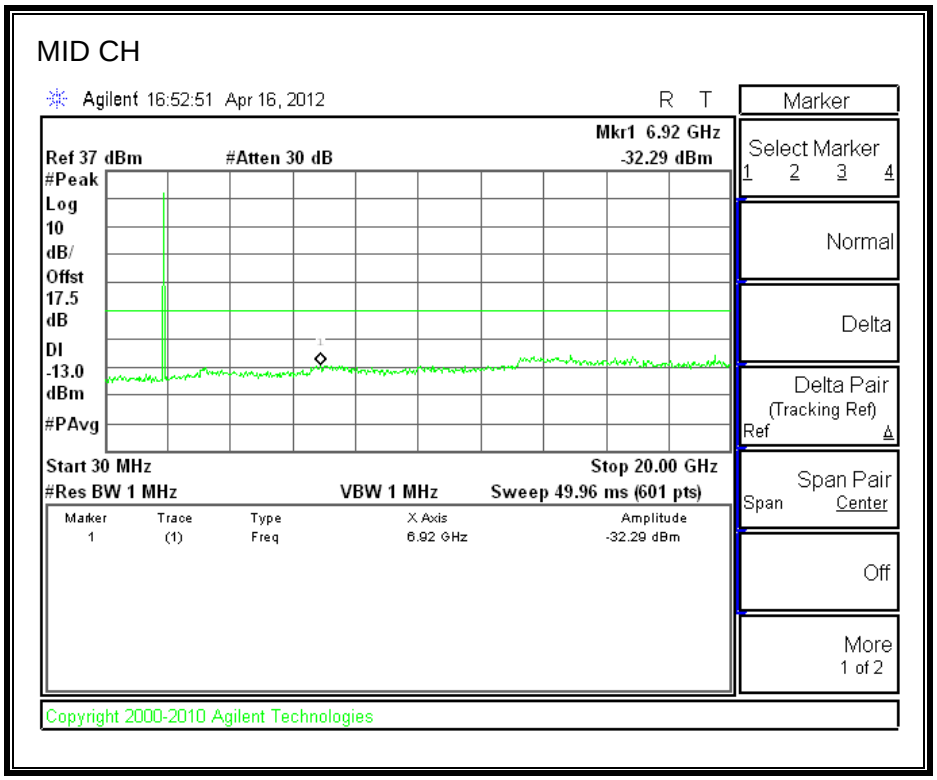
RESULTS

GSM Mode (PCS Band)

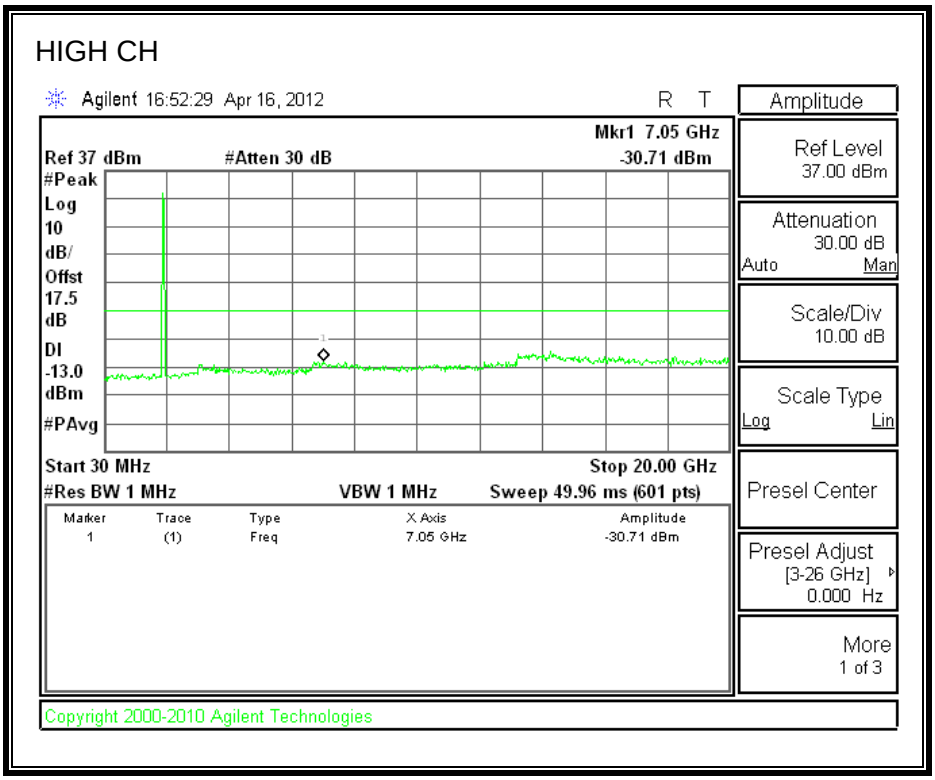
LOW CH



MID CH

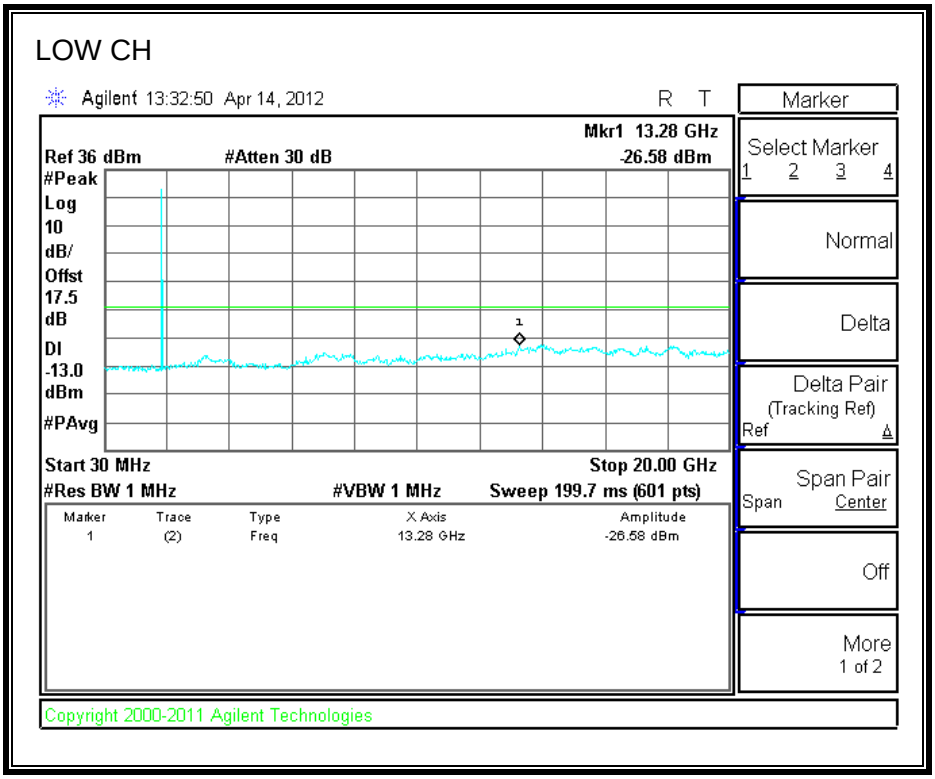


HIGH CH

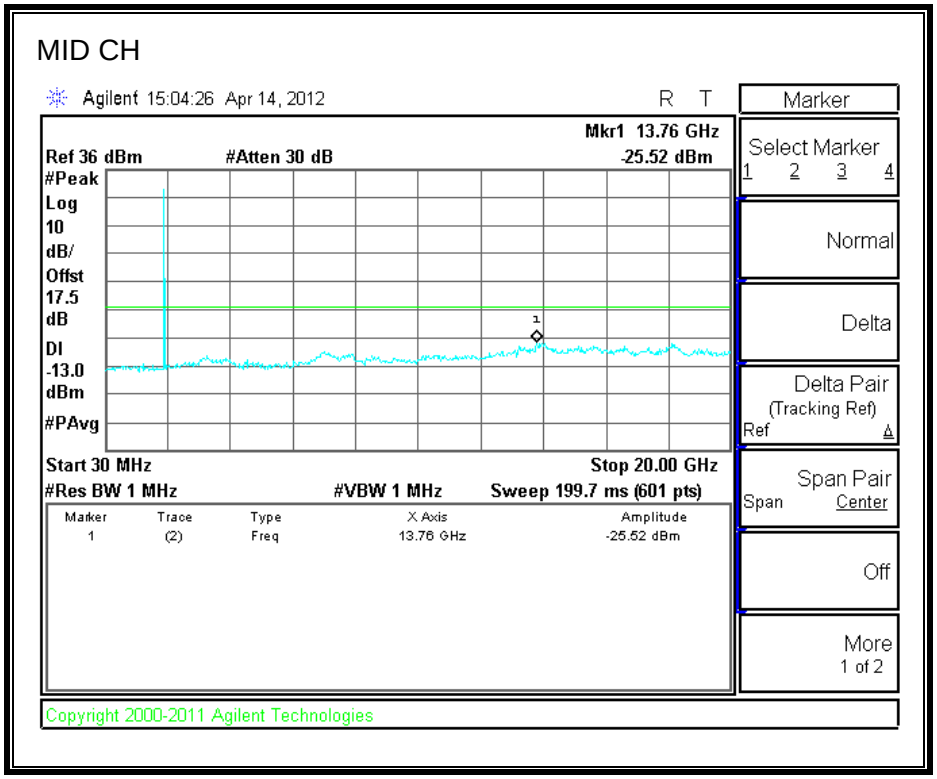


GPRS Mode (PCS Band)

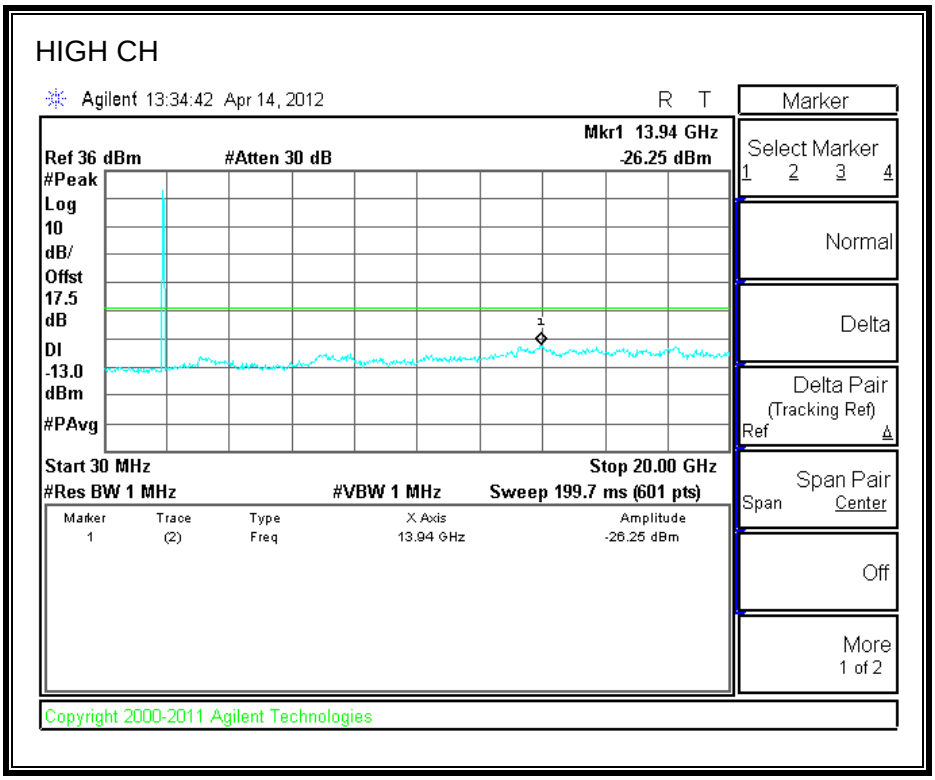
LOW CH



MID CH



HIGH CH



8.4. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §24.235

LIMITS

- §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°C
- Voltage = 3.90 V dc (85% - 115%)

Frequency Stability vs Temperature:

The EUT is place inside a temperature chamber. The temperature is set to 20ºC 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 +50ºC is reached.

Frequency Stability vs Voltage:

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

MODES TESTED

- GPRS

RESULTS

See the following pages

PCS, GSM – MID CHANNEL (GPRS)

Reference Frequency: PCS Mid Channel 1879.999968MHz @ 20ºC Limit: within the authorized block or +- 2.5 ppm = 4700.000 Hz				
Power Supply	**Environment**	**Frequency Deviation Measureed with Time Elapse**		
(Vdc)	**Temperature (*C)**	**(MHz)**	**Delta (ppm)**	**Limit (ppm)**
3.90	50	1879.999995	-0.0144	2.5
3.90	40	1879.999981	-0.0069	2.5
3.90	30	1879.999964	0.0021	2.5
3.90	***20***	***1879.999968***	***0.0000***	***2.5***
3.90	10	1879.999977	-0.0048	2.5
3.90	0	1879.999985	-0.0090	2.5
3.90	-10	1880.000004	-0.0191	2.5
3.90	-20	1880.000007	-0.0207	2.5
3.90	-30	1880.000005	-0.0197	2.5

Reference Frequency: PCS Mid Channel 1879.999968Hz @ 20ºC Limit: within the authorized block or +- 2.5 ppm = 4700.000 Hz				
Power Supply	**Environment**	**Frequency Deviation Measureed with Time Elapse**		
(Vdc)	**Temperature (*C)**	**(MHz)**	**Delta (ppm)**	**Limit (ppm)**
100%	***20***	***1879.999968***	***0.0000***	***2.5***
85% (3.315)	20	1879.999967	*0.0005*	2.5
115% (4.485)	20	1879.999995	*-0.0144*	2.5
End Voltage (2.90)	20	1879.999983	*-0.0080*	2.5

9. RADIATED TEST RESULTS

9.1. RADIATED POWER (EIRP)

RULE PART(S)

FCC: §2.1046, §24.232

LIMITS

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 603C

MODES TESTED

- GSM and GPRS

RESULTS

Mode	Channel	f (MHz)	EIRP	
			dBm	mW
GSM	512	1850.20	31.92	1555.97
	661	1880.00	**31.98**	1577.61
	810	1909.80	31.30	1348.96

Mode	Channel	f (MHz)	EIRP	
			dBm	mW
GPRS	512	1850.20	**31.82**	1520.55
	661	1880.00	31.45	1396.37
	810	1909.80	30.80	1202.26

GSM (PCS Band)

High Frequency Fundamental Measurement
Compliance Certification Services Chamber B

Company: Samsung
Project #: 12I14352
Date: 04/20/12
Test Engineer: Chin Pang
Configuration: EUT with AC Adapter and Earphone
Mode: TX, PCS BAND GSM
Worst Case at X position

Test Equipment:
Receiving: Horn T59, and Camber B SMA Cables
Substitution: Horn T60 Substitution, 6ft SMA Cable (208947003) 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	15.4	V	0.85	8.62	23.17	33.0	-9.8	
1.850	24.3	H	0.85	8.47	31.92	33.0	-1.1	
Mid Ch								
1.880	15.9	V	0.85	8.46	23.51	33.0	-9.5	
1.880	24.5	H	0.85	8.36	31.98	33.0	-1.0	
High Ch								
1.910	16.4	V	0.85	8.30	23.85	33.0	-9.2	
1.910	23.9	H	0.85	8.25	31.30	33.0	-1.7	

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GPRS (PCS Band)

High Frequency Fundamental Measurement
Compliance Certification Services Chamber B

Company: Samsung
Project #: 12I14352
Date: 04/14/12
Test Engineer: Chin Pang
Configuration: EUT with AC Adapter and Earphone
Mode: TX, PCS BAND GPRS
Worst Case at X position

Test Equipment:
Receiving: Horn T59, and Camber B SMA Cables
Substitution: Horn T60 Substitution, 6ft SMA Cable (208947003) 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	16.6	V	0.85	8.62	24.37	33.0	-8.6	
1.850	24.2	H	0.85	8.47	31.82	33.0	-1.2	
Mid Ch								
1.880	17.2	V	0.85	8.46	24.81	33.0	-8.2	
1.880	23.9	H	0.85	8.36	31.45	33.0	-1.6	
High Ch								
1.910	17.4	V	0.85	8.30	24.85	33.0	-8.2	
1.910	23.4	H	0.85	8.25	30.80	33.0	-2.2	

Rev. 3.17.11

9.2. FIELD STRENGTH OF SPURIOUS RADIATION

RULE PART(S)

FCC: §2.1053, §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

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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

- GSM and GPRS

RESULTS

GSM (PCS Band)

Compliance Certification Services
Above 1GHz High Frequency Substitution Measurement

Company:	Samsung
Project #:	12I14352
Date:	04/20/12
Test Engineer:	Chin Pang
Configuration:	EUT with AC Adapter and Earphone
Mode:	TX, PCS BAND GSM

Chamber	Pre-amplifer	Filter	Limit
5m Chamber A	T144 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)									
5.551	-10.7	V	3.0	36.3	1.0	-46.0	-13.0	-33.0	
7.401	-0.2	V	3.0	36.6	1.0	-35.7	-13.0	-22.7	
9.251	-2.8	V	3.0	37.0	1.0	-38.8	-13.0	-25.8	
5.551	-11.1	H	3.0	36.3	1.0	-46.4	-13.0	-33.4	
7.401	-5.1	H	3.0	36.6	1.0	-40.7	-13.0	-27.7	
9.251	-4.8	H	3.0	37.0	1.0	-40.8	-13.0	-27.8	
Mid Ch, (1880.0MHz)									
5.640	-10.6	V	3.0	36.3	1.0	-45.9	-13.0	-32.9	
7.520	-4.0	V	3.0	36.6	1.0	-39.6	-13.0	-26.6	
9.400	-5.6	V	3.0	37.0	1.0	-41.6	-13.0	-28.6	
5.640	-10.9	H	3.0	36.3	1.0	-46.2	-13.0	-33.2	
7.520	-8.9	H	3.0	36.6	1.0	-44.5	-13.0	-31.5	
9.400	-6.6	H	3.0	37.0	1.0	-42.6	-13.0	-29.6	
High Ch, (1909.8MHz)									
5.729	-9.5	V	3.0	36.3	1.0	-44.8	-13.0	-31.8	
7.639	3.8	V	3.0	36.6	1.0	-31.8	-13.0	-18.8	
9.549	-5.4	V	3.0	37.1	1.0	-41.5	-13.0	-28.5	
5.729	-10.8	H	3.0	36.3	1.0	-46.1	-13.0	-33.1	
7.639	-1.8	H	3.0	36.6	1.0	-37.4	-13.0	-24.4	
9.549	-6.4	H	3.0	37.1	1.0	-42.5	-13.0	-29.5	

Rev. 03.03.09
Note: No other emissions were detected above the system noise floor.

GPRS (PCS Band)

Compliance Certification Services
Above 1GHz High Frequency Substitution Measurement

Company: Samsung
Project #: 12I14352
Date: 04/14/12
Test Engineer: Chin Pang
Configuration: EUT with AC Adapter and Earphone
Mode: TX, PCS BAND GPRS

Chamber	Pre-amplifer	Filter	Limit
5m Chamber B	T145 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)									
5.551	-10.8	V	3.0	35.4	1.0	-45.2	-13.0	-32.2	
7.401	-1.7	V	3.0	35.7	1.0	-36.4	-13.0	-23.4	
9.251	-3.4	V	3.0	35.6	1.0	-38.0	-13.0	-25.0	
5.551	-12.0	H	3.0	35.4	1.0	-46.4	-13.0	-33.4	
7.401	-2.0	H	3.0	35.7	1.0	-36.7	-13.0	-23.7	
9.251	-3.9	H	3.0	35.6	1.0	-38.5	-13.0	-25.5	
Mid Ch, (1880.0MHz)									
5.640	-8.7	V	3.0	35.4	1.0	-43.1	-13.0	-30.1	
7.520	1.4	V	3.0	35.7	1.0	-33.3	-13.0	-20.3	
9.400	-5.3	V	3.0	35.6	1.0	-39.8	-13.0	-26.8	
5.640	-10.8	H	3.0	35.4	1.0	-45.3	-13.0	-32.3	
7.520	-1.9	H	3.0	35.7	1.0	-36.6	-13.0	-23.6	
9.400	-4.8	H	3.0	35.6	1.0	-39.3	-13.0	-26.3	
High Ch, (1909.8MHz)									
5.729	-10.6	V	3.0	35.4	1.0	-45.1	-13.0	-32.1	
7.639	3.6	V	3.0	35.7	1.0	-31.1	-13.0	-18.1	
9.549	-7.1	V	3.0	35.6	1.0	-41.6	-13.0	-28.6	
5.729	-9.9	H	3.0	35.4	1.0	-44.3	-13.0	-31.3	
7.639	-0.8	H	3.0	35.7	1.0	-35.5	-13.0	-22.5	
9.549	-6.6	H	3.0	35.6	1.0	-41.2	-13.0	-28.2	

Rev. 03.03.09
Note: No other emissions were detected above the system noise floor.