



FCC TEST REPORT

for

47 CFR Part 22H, 24E

Equipment : FLYBOOK
Trade Name : DIALOGUE
Model No. : VMW1BBHA
FCC ID : JYV-VMW1BBHA
Tx Frequency Range : GSM850 : 824~849 MHz
PCS1900 : 1850~1910 MHz
WCDMA Band V : 824~849 MHz
WCDMA Band II : 1850~1910 MHz
Max. ERP/EIRP Power : GSM850(GSM) : 0.14 W
GSM850(EDGE) : 0.05 W
PCS1900(GSM) : 0.35 W
PCS1900(EDGE) : 0.18 W
WCDMA Band V : 0.03 W
WCDMA Band II : 0.15 W
Emission Designator : GSM : 300KGXW
EDGE : 300KG7W
WCDMA : 4M22F9W
Applicant : Dialogue Technology Corp.
10F, No. 196, Sec. 2, Jungshing Rd., Shindian City,
Taipei 231, Taiwan, R.O.C.

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- The data shown in this test report were carried out on Feb. 14, 2007 at **Sporton International Inc. LAB.**
- Report No.: FG632813-02A, Report Version: Rev. 01.

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Report Version: Rev. 01



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History of this test report

Report Issue Date: Mar. 30, 2007

Report No.	Description



1. General Information

1.1. Applicant

Dialogue Technology Corp.

10F, No. 196, Sec. 2, Jungshing Rd., Shindian City, Taipei 231, Taiwan, R.O.C.

1.2 Manufacturer

Dialogue Technology Corp.

10F, No. 196, Sec. 2, Jungshing Rd., Shindian City, Taipei 231, Taiwan, R.O.C.

1.3 Basic Description of Equipment under Test

Equipment	: FLYBOOK
Trade Name	: DIALOGUE
Model No.	: VMW1BBHA
FCC ID	: JYV-VMW1BBHA
AC Power Cord	: AC 120V, Wall-mount, 1.6 meter, 2 pin



1.4 Feature of Equipment under Test

DUT Type :	FLYBOOK
Trade Name :	DIALOGUE
Model Name :	VMW1BBHA
FCC ID :	JYV-VMW1BBHA
Tx Frequency :	GSM850 : 824 ~ 849 MHz PCS1900 : 1850 ~ 1910 MHz WCDMA Band V : 824 ~ 849 MHz WCDMA Band II : 1850 ~ 1910 MHz WLAN / Bluetooth : 2400 ~ 2483.5
Rx Frequency :	GSM850 : 869 ~ 894 MHz PCS1900 : 1930 ~ 1990 MHz WCDMA Band V : 869 ~ 894 MHz WCDMA Band II : 1930 ~ 1990 MHz WLAN / Bluetooth : 2400 ~ 2483.5
Maximum Output Power to Antenna :	GSM850 : 33.50 dBm(GSM); 33.01 dBm(GPRS8); 32.96 dBm (GPRS10); 26.97 dBm (GPRS12); 27.60 dBm(EDGE8); 27.57 dBm (EDGE10); 27.54 dBm (EDGE12) PCS1900 : 29.38 dBm(GSM) ; 29.32 dBm(GPRS8); 29.24 dBm (GPRS10); 29.1 dBm (GPRS12); 27.00 dBm(EDGE8); 26.98 dBm (EDGE10); 26.92 dBm (EDGE12) WCDMA Band V : 23.98 dBm WCDMA Band V (HSDPA) : 23.93 dBm WCDMA Band II : 23.96 dBm WCDMA Band II (HSDPA) : 23.90 dBm 802.11a : 15.73 dBm (Band I) / 15.07 dBm (Band II) / 18.37 dBm (Band III) 802.11b : 17.77 dBm / 802.11g : 21.94 dBm Bluetooth : 1.99 dBm
Maximum ERP/EIRP :	GSM850(GSM) : 0.14 W (21.42 dBm) GSM850(EDGE) : 0.05 W (16.70 dBm) PCS1900(GSM) : 0.35 W (25.40 dBm) PCS1900(EDGE) : 0.18 W (22.60 dBm) WCDMA Band V : 0.03 W (14.64 dBm) WCDMA Band II : 0.15 W (21.83 dBm)
Antenna Type :	PIFA Antenna
Type of Antenna Connector	I-PEX
Power Rating (DC/AC , Voltage and Current of RF element or PA) :	1.2 A
Digital Modulation Emission :	GSM : GMSK EDGE : 8PSK WCDMA / HSDPA : QPSK WLAN : DSSS / OFDM Bluetooth : GFSK
Type of Emission :	GSM : 300KGXW EDGE : 300KG7W WCDMA : 4M22F9W
Device Power Class :	GSM850 : 4 PCS1900 : 1 WCDMA Band V : 2 WCDMA Band II : 3
DUT Stage :	Production Unit



1.5 Report Date

EUT Received : Nov. 01, 2006

Report Date : Mar. 30, 2007

2 Test Configuration of Equipment under Test

2.1 Test Manner

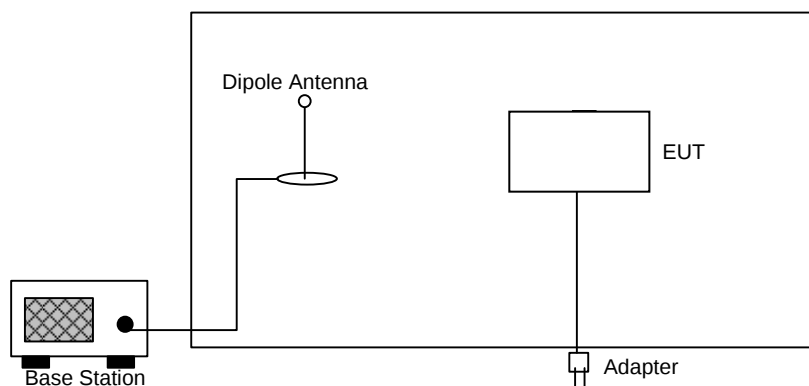
- The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range.
- During all testings, EUT is in link mode with base station emulator at maximum power level.
- Frequency range investigated: radiated emission 30 MHz to 9000 MHz for GSM850 and WCDMA Band V; 30MHz to 19000 MHz for PCS1900 and WCDMA Band II.

2.2 Test Mode

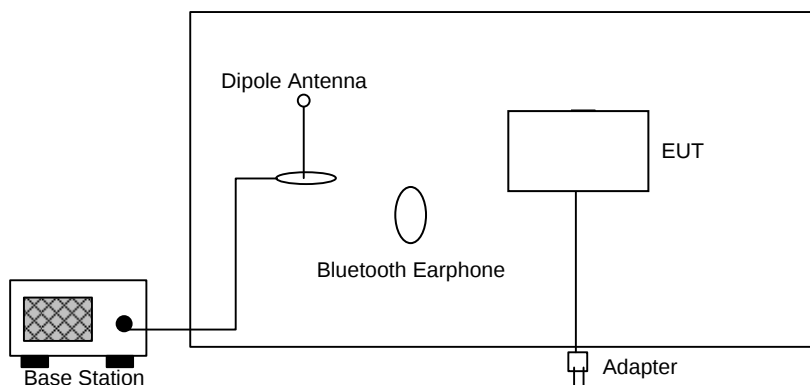
Application	GSM850	PCS1900	WCDMA Band V	WCDMA Band II
Radiated Emission	☒ Mode 1: GSM Link	☒ Mode 3: GSM Link	☒ Mode 5: WCDMA Link	☒ Mode 7: WCDMA Link
	☒ Mode 2: EDGE Link	☒ Mode 4: EDGE Link	☒ Mode 6: HSDPA Link	☒ Mode 8: HSDPA Link
	☒ Mode 9: GSM Link + BT Link			
Conducted Measurement	☒ Mode 1: GSM Link	☒ Mode 3: GSM Link	☒ Mode 5: WCDMA Link	☒ Mode 7: WCDMA Link
	☒ Mode 2: EDGE Link	☒ Mode 4: EDGE Link	☒ Mode 6: HSDPA Link	☒ Mode 8: HSDPA Link

2.3 Connection Diagram of Test System

<Mode 1~8>



<Mode 9>



2.4 Ancillary Equipment List

Item	Equipment	Model No.	Serial No.
1.	Base Station(R&S)	CMU200	106656



3. General Information of Test Site

Test Site Location : No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park,
Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.
TEL : 886-3-327-3456
FAX : 886-3-318-0055
Test Site No : 03CH06-HY

The chamber meets the characteristics of ANSI C63.4-2003. This site is on file with the FCC.

3.1 Test Voltage

120V/ 60Hz

3.2 Test in Compliance with

47 CFR Part 22H, 24E, Part 2

3.3 Frequency Range Investigated

- a. Radiation: from 30MHz to 9000MHz for GSM850 and WCDMA Band V.
- b. Radiation: from 30 MHz to 19000 MHz for PCS1900 and WCDMA Band II.

3.4 Test Distance

The test distance of radiated emission from antenna to EUT is 3 m.



4. Test Data and Test Result

4.1 List of Measurements and Examinations

FCC Rule	DESCRIPTION OF TEST	Result	Section
§2.1046	RF Output Power	Passed	4.2
§ 22.913 §24.232	ERP / EIRP	Passed	4.3
§2.1049, § 22.917, § 24.238(b)	Occupied Bandwidth & Band Edge Measurement	Passed	4.4
§2.1051	Conducted Emission	Passed	4.5
§2.1053	Field Strength of Spurious Radiation	Passed	4.6
§2.1055, § 22.355, §24.235	Frequency Stability vs. Temperature	Passed	4.7
§2.1055, §22.355, §24.235	Frequency Stability vs. Voltage	Passed	4.8

4.2 RF Output Power

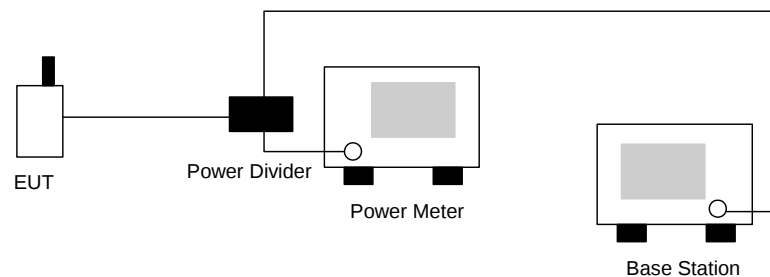
4.2.1 Measurement Instruments :

As described in chapter 5 of this test report.

4.2.2 Test Procedure :

1. The transmitter output was connected to power meter and base station through power divider.
2. Set EUT at PCL=5 for GSM850 and/or PCL=0 for PCS1900 maximum power through base station.
3. Select lowest, middle, and highest channels for each band.

4.2.3 Test Setup Layout :



4.2.4 Test Result :

Bands	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (Watts)
GSM850 (GSM)	128	824.2 (Low)	33.50	2.239
	189	836.4 (Mid)	32.21	1.663
	251	848.8 (High)	32.71	1.866
GSM850 (EDGE)	128	824.2 (Low)	27.60	0.575
	189	836.4 (Mid)	27.60	0.575
	251	848.8 (High)	27.40	0.550
PCS1900 (GSM)	512	1850.2 (Low)	29.11	0.815
	661	1880.0 (Mid)	28.36	0.685
	810	1909.8 (High)	29.38	0.867
PCS1900 (EDGE)	512	1850.2 (Low)	27.00	0.501
	661	1880.0 (Mid)	26.70	0.468
	810	1909.8 (High)	26.50	0.447
WCDMA Band V	4132	826.4 (Low)	23.98	0.250
	4182	836.4 (Mid)	23.97	0.249
	4233	846.6 (High)	23.94	0.248
WCDMA Band V (HSDPA)	4132	826.4 (Low)	23.84	0.242
	4182	836.4 (Mid)	23.85	0.243
	4233	846.6 (High)	23.93	0.247
WCDMA Band II	9262	1852.4 (Low)	23.79	0.239
	9400	1880.0 (Mid)	23.96	0.249
	9538	1907.6 (High)	23.64	0.231
WCDMA Band II (HSDPA)	9262	1852.4 (Low)	23.81	0.240
	9400	1880.0 (Mid)	23.90	0.245
	9538	1907.6 (High)	23.44	0.221



4.3 ERP / EIRP Measurement

Equivalent isotropic radiated power measurements by substitution method according to ANSI/TIA/EIA-603-C.

4.3.1 Measurement Instruments

As described in chapter 5 of this test report.

4.3.2 Test Procedure

1. The EUT was placed on a rotatable table with 1.0 meter height in an fully anechoic chamber.
2. The EUT was set 1.2 meters from the receiving antenna which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiated power.
4. The height of the receiving antenna is also kept at 1.0M height.
5. Taking the record of maximum ERP/EIRP.
6. A dipole antenna was substituted in place of the EUT and was driven by a signal generator.
7. The conducted power at the terminal of the dipole antenna is measured.
8. Repeat step 3 to step 5 to get the maximum ERP/EIRP of the substitution antenna.
9. $ERP/EIRP = P_s + E_t - E_s + G_s = P_s + R_t - R_s + G_s$

P_s (dBm) : Input power to substitution antenna.

G_s (dBi or dBd) : Substitution antenna Gain.

$E_t = R_t + AF$

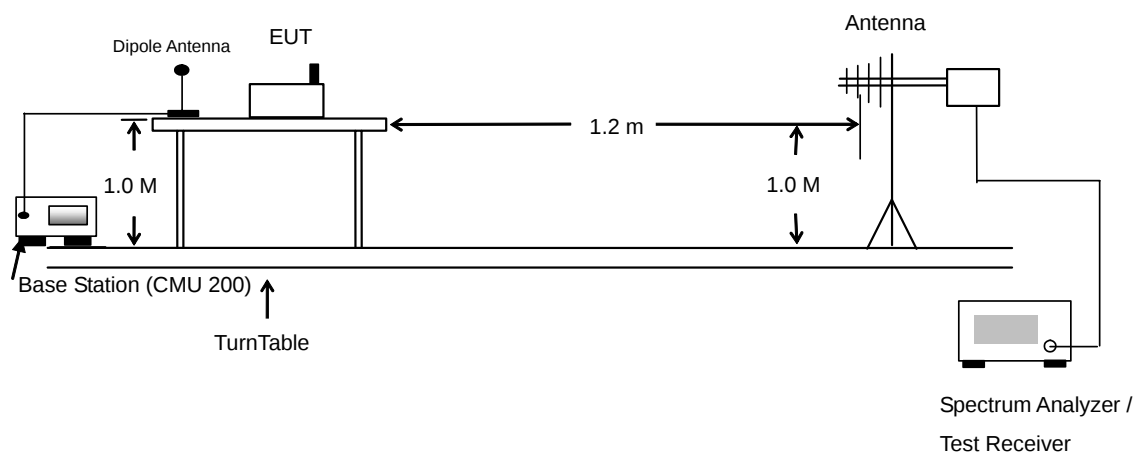
$E_s = R_s + AF$

AF (dB/m) : Receive antenna factor

R_t : The highest received signal in Spectrum Analyzer for EUT.

R_s : The highest received signal in spectrum analyzer for substitution antenna.

4.3.3 Test Setup Layout of ERP/EIRP



**4.3.4 Test Result**

GSM850 (GSM) Radiated Power ERP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.20	-26.00	-48.12	0.00	-1.08	21.04	0.13
836.40	-27.23	-48.28	0.00	-0.93	20.12	0.10
848.80	-27.22	-48.35	0.00	-0.76	20.37	0.11
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.20	-25.47	-47.97	0.00	-1.08	21.42	0.14
836.40	-26.51	-48.01	0.00	-0.93	20.57	0.11
848.80	-27.06	-48.05	0.00	-0.76	20.23	0.11

GSM850 (EDGE) Radiated Power ERP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.20	-30.34	-48.12	0.00	-1.08	16.70	0.05
836.40	-31.10	-48.28	0.00	-0.93	16.25	0.04
848.80	-31.91	-48.35	0.00	-0.76	15.68	0.04
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.20	-30.53	-47.97	0.00	-1.08	16.36	0.04
836.40	-31.46	-48.01	0.00	-0.93	15.62	0.04
848.80	-31.88	-48.05	0.00	-0.76	15.41	0.03



PCS1900 (GSM) Radiated Power EIRP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1850.20	-28.44	-51.88	0.00	1.96	25.40	0.35
1880.00	-30.09	-52.99	0.00	2.00	24.90	0.31
1909.80	-31.13	-54.28	0.00	1.98	25.13	0.33
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1850.20	-33.97	-52.13	0.00	1.96	20.12	0.10
1880.00	-35.90	-53.17	0.00	2.00	19.27	0.08
1909.80	-36.62	-54.13	0.00	1.98	19.49	0.09

PCS1900 (EDGE) Radiated Power EIRP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1850.20	-31.24	-51.88	0.00	1.96	22.60	0.18
1880.00	-33.18	-52.99	0.00	2.00	21.81	0.15
1909.80	-34.02	-54.28	0.00	1.98	22.24	0.17
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1850.20	-36.66	-52.13	0.00	1.96	17.43	0.06
1880.00	-39.13	-53.17	0.00	2.00	16.04	0.04
1909.80	-39.04	-54.13	0.00	1.98	17.07	0.05



WCDMA Band V Radiated Power ERP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
826.40	-33.94	-48.12	0.00	-1.08	13.10	0.02
836.40	-34.40	-48.28	0.00	-0.93	12.95	0.02
846.60	-34.66	-48.35	0.00	-0.76	12.93	0.02
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
826.40	-32.25	-47.97	0.00	-1.08	14.64	0.03
836.40	-33.16	-48.01	0.00	-0.93	13.92	0.02
846.60	-33.27	-48.05	0.00	-0.76	14.02	0.03

WCDMA Band II Radiated Power EIRP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1852.40	-39.87	-51.88	0.00	1.96	13.97	0.02
1880.00	-40.64	-52.99	0.00	2.00	14.35	0.03
1907.60	-42.02	-54.28	0.00	1.98	14.24	0.03
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1852.40	-32.26	-52.13	0.00	1.96	21.83	0.15
1880.00	-34.00	-53.17	0.00	2.00	21.17	0.13
1907.60	-35.90	-54.13	0.00	1.98	20.21	0.10

4.4 Occupied Bandwidth and Band Edge Measurement

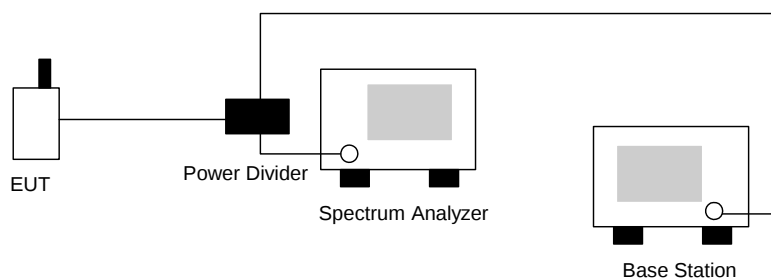
4.4.1 Measurement Instruments

As described in chapter 5 of this test report.

4.4.2 Test Procedure

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The 99% occupied bandwidth of middle channel for the highest and lowest RF powers were measured.
3. The bandedge of low and high channels for the highest RF powers within the transmitting frequency band were measured. Setting RBW as roughly $BW/100$.

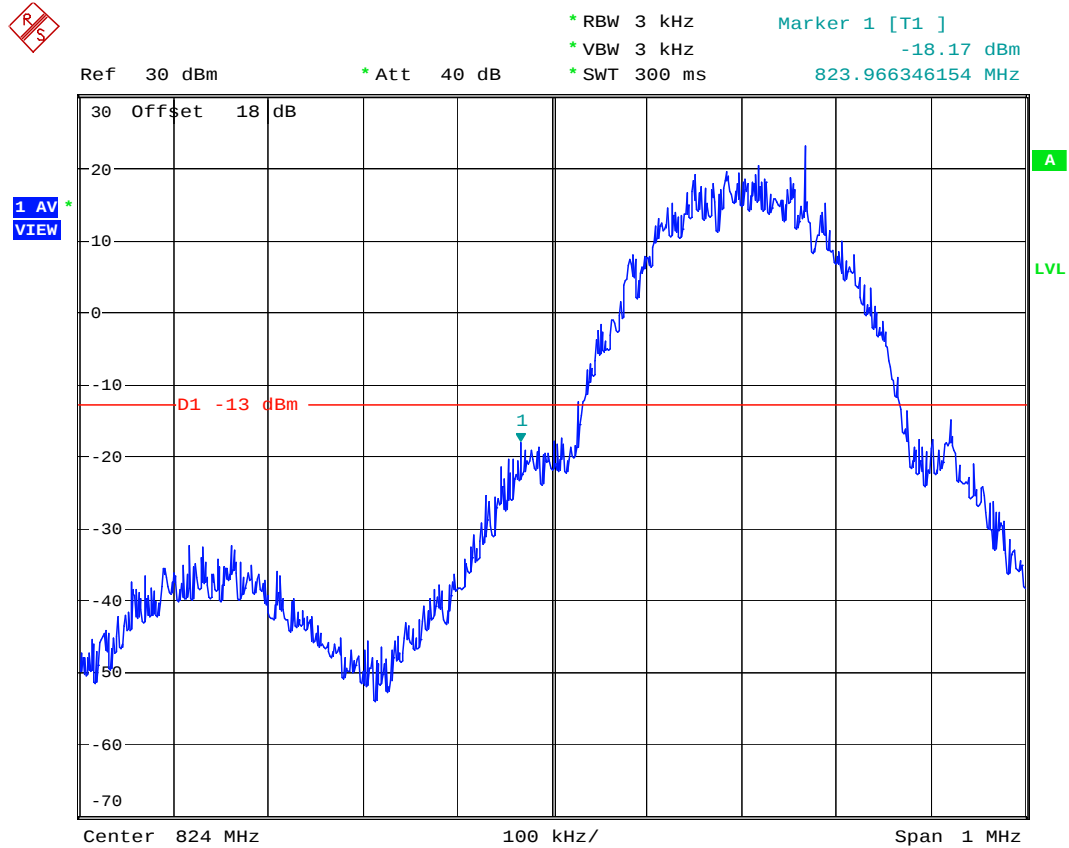
4.4.3 Test Setup Layout





4.4.4 Test Result

- Mode 1
- Test Mode : GSM850 (GSM) CH128 Lower Band Edge
- Power State : High

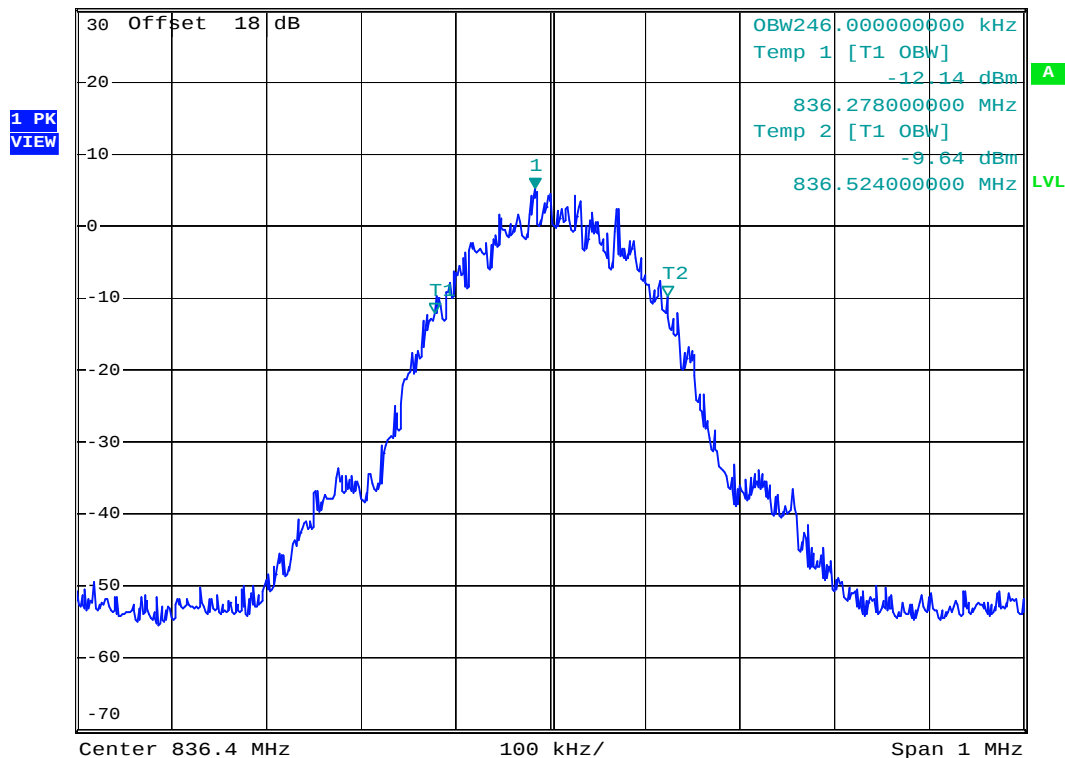


Date: 2.FEB.2007 17:18:52

- Test Mode : GSM850 (GSM) CH189 99% Occupied Bandwidth
- Power State : Low



				* RBW 3 kHz	Marker 1 [T1]
				* VBW 3 kHz	5.21 dBm
Ref	30 dBm		* Att 40 dB	* SWT 300 ms	836.384000000 MHz



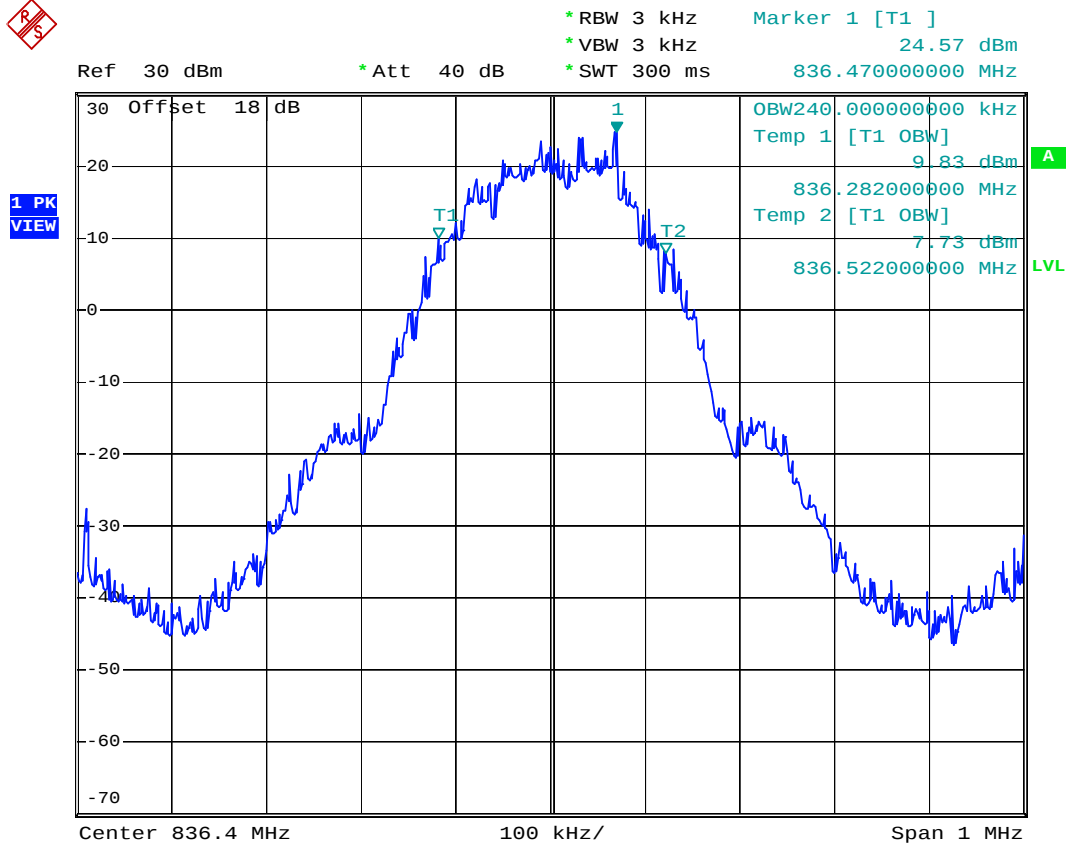
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FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (GSM) CH189 99% Occupied Bandwidth
- Power State : High



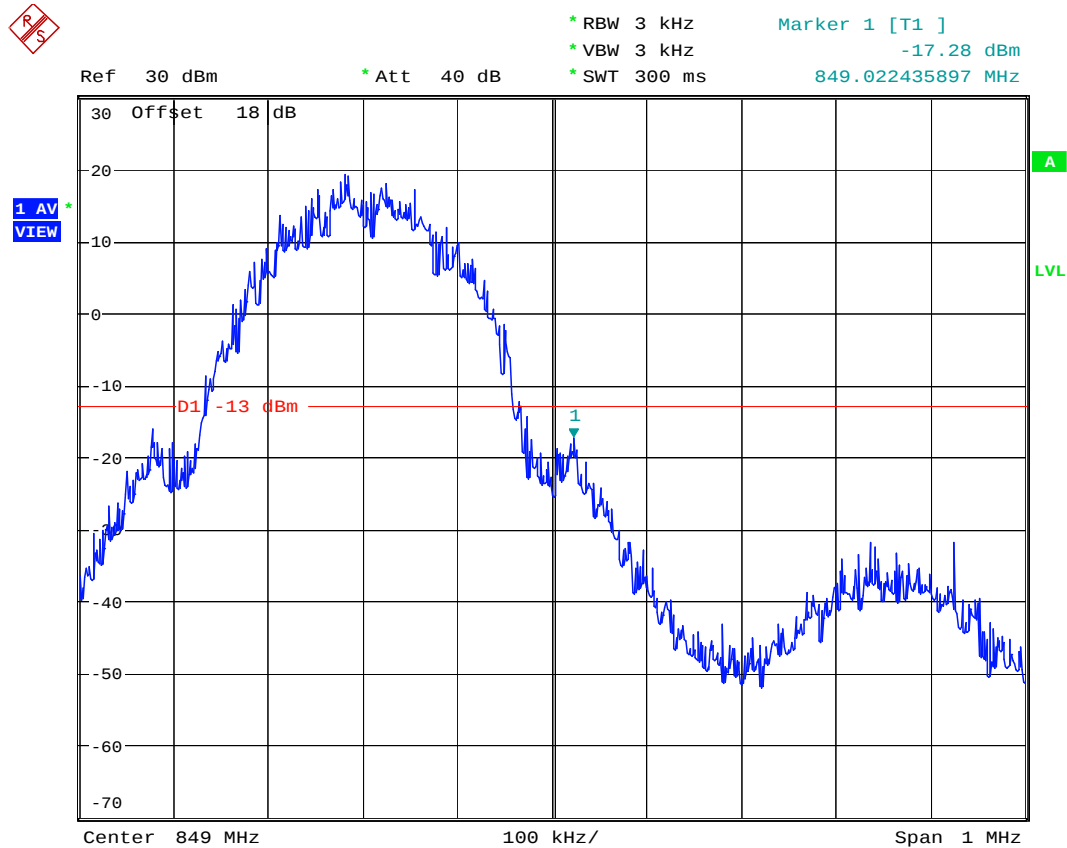
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FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (GSM) CH251 Higher Band Edge
- Power State : High



Date: 2.FEB.2007 17:20:31



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 2
- Test Mode : GSM850 (EDGE) CH128 Lower Band Edge
- Power State : High



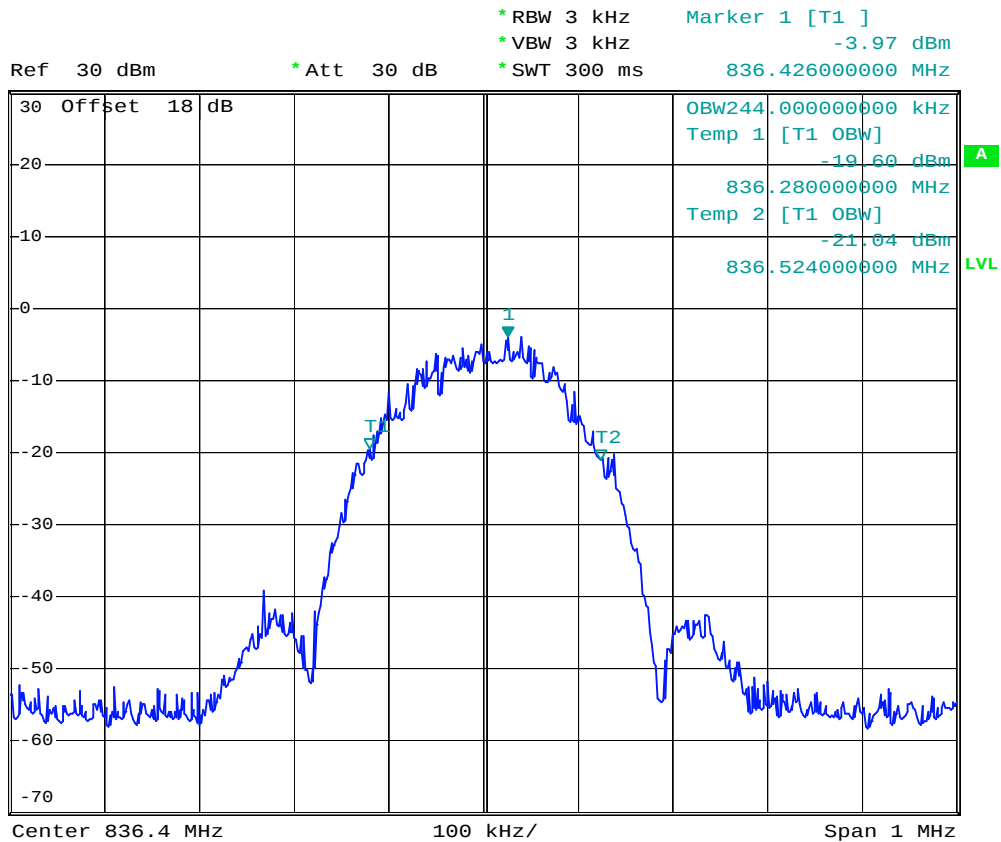
Date: 7.FEB.2007 03:03:47



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (EDGE) CH189 99% Occupied Bandwidth
- Power State : Low



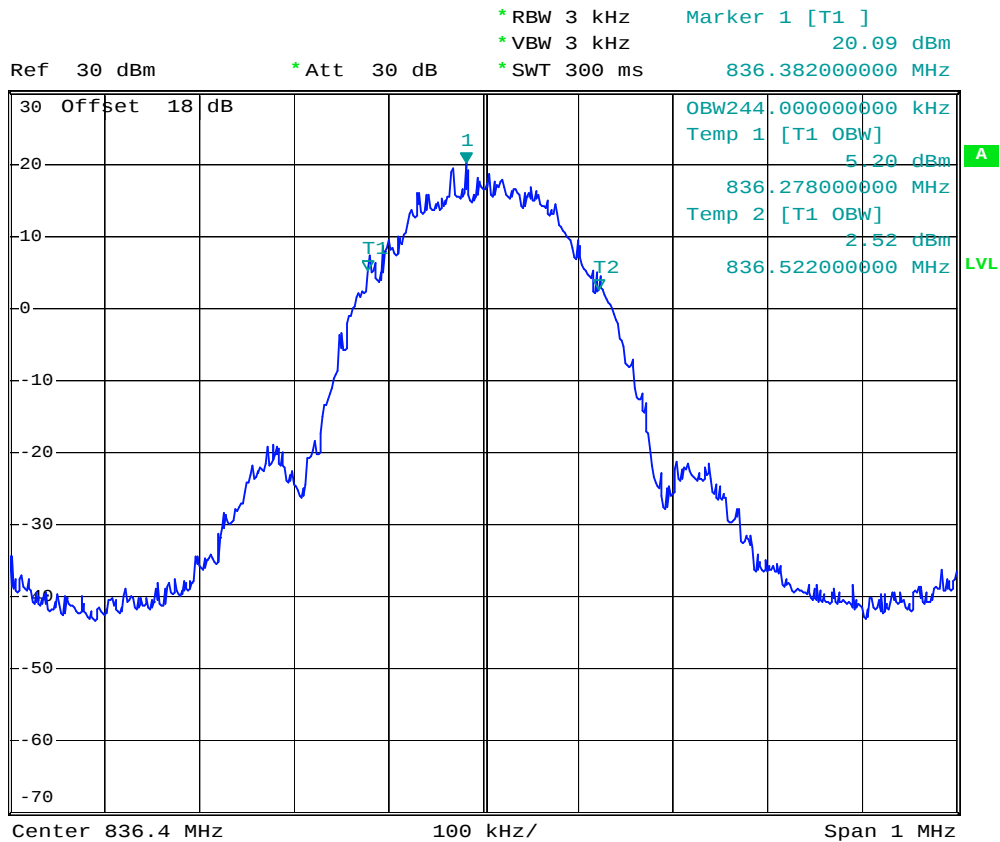
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FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (EDGE) CH189 99% Occupied Bandwidth
- Power State : High



Date: 7.FEB.2007 02:59:15



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (EDGE) CH251 Higher Band Edge
- Power State : High



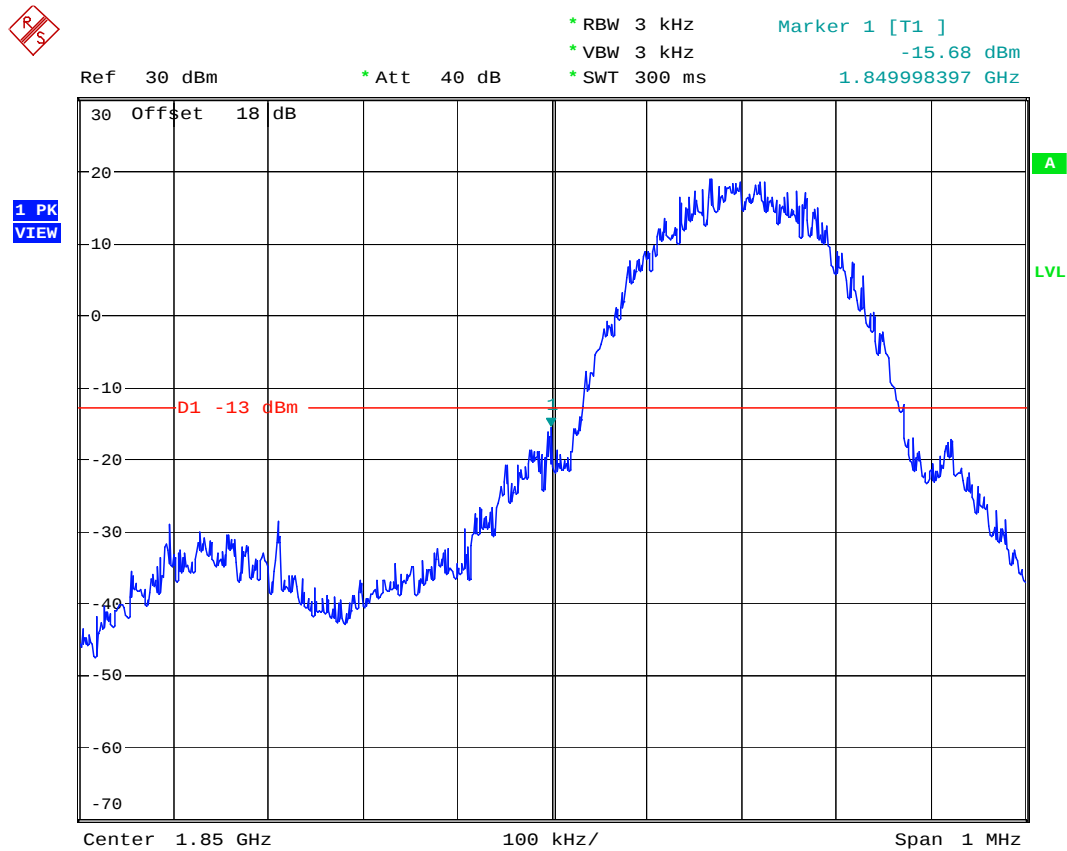
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FCC TEST REPORT

Report No. : FG632813-02A

- Mode 3
- Test Mode : PCS1900 (GSM) CH512 Lower Band Edge
- Power State : High



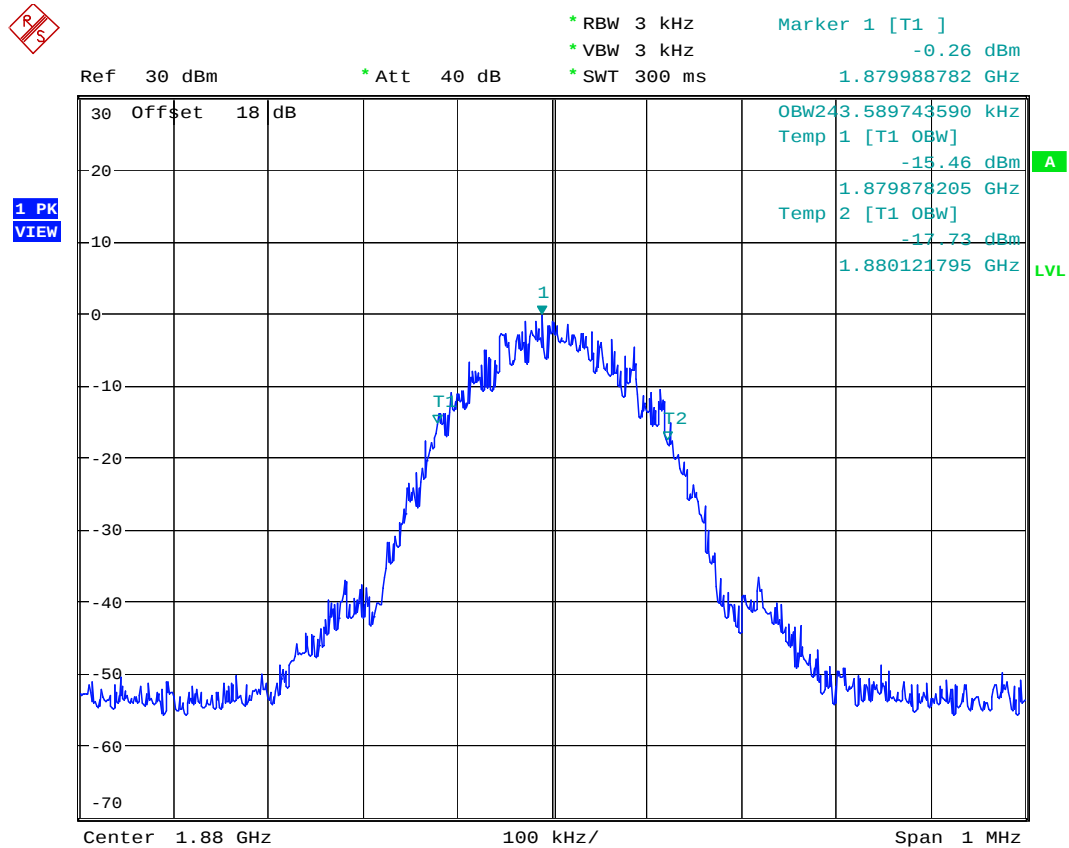
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FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (GSM) CH661 99% Occupied Bandwidth
- Power State : Low



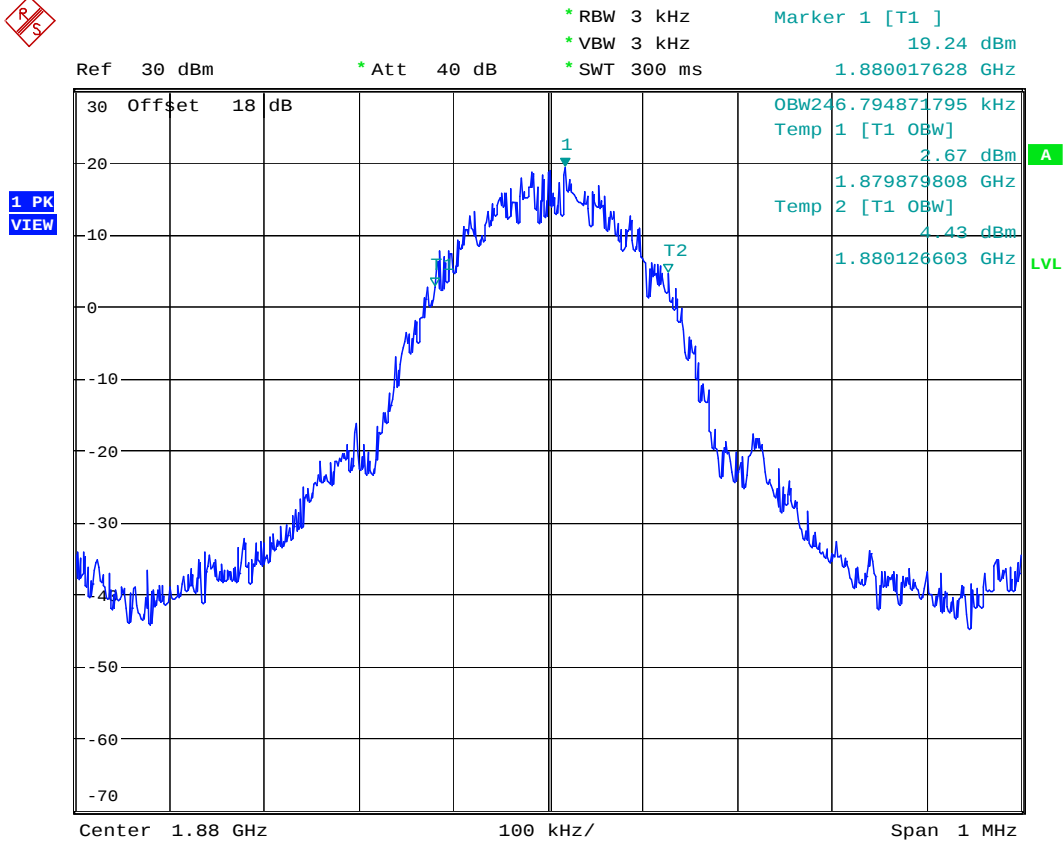
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FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (GSM) CH661 99% Occupied Bandwidth
- Power State : High



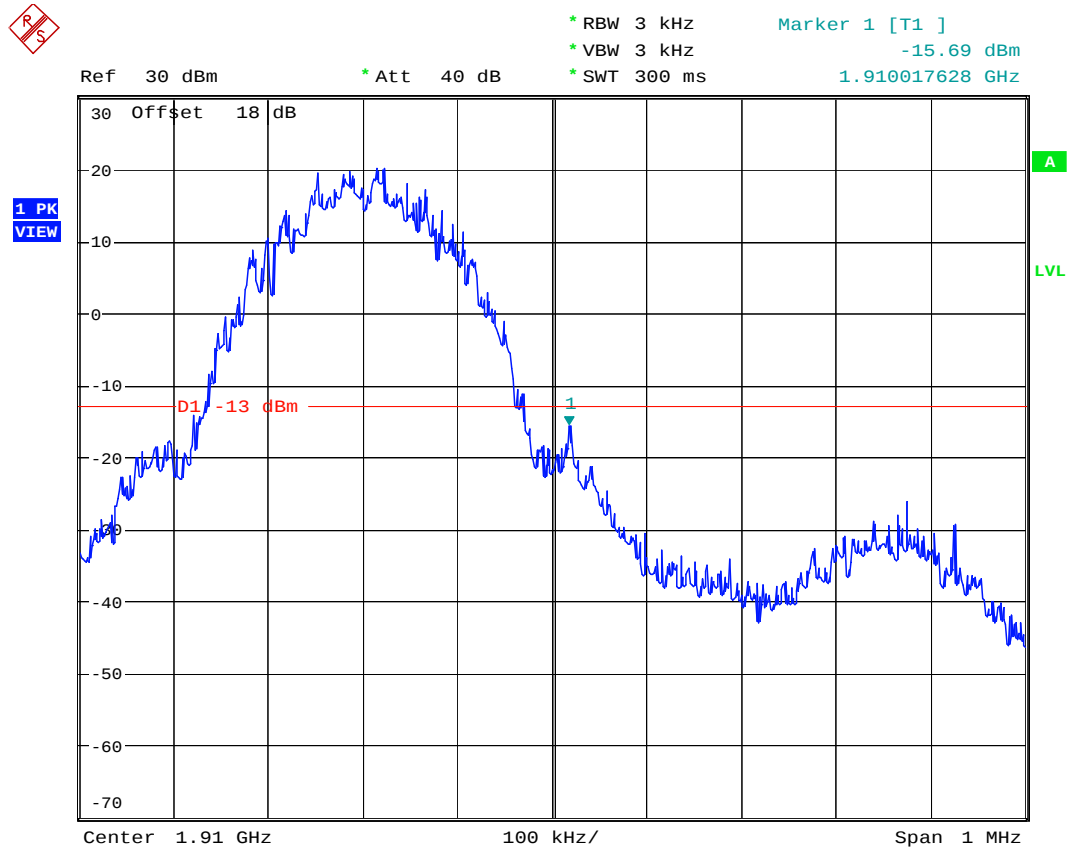
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FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (GSM) CH810 Higher Band Edge
- Power State : High



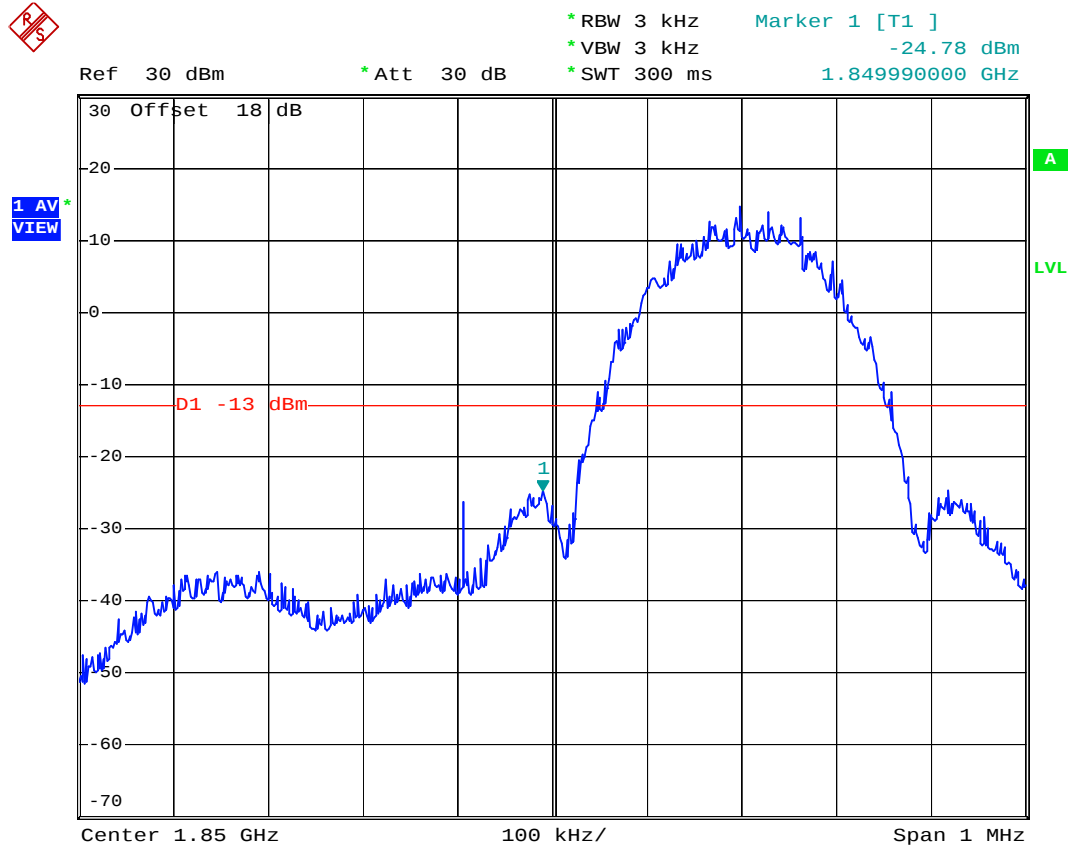
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FCC TEST REPORT

Report No. : FG632813-02A

- Mode 4
- Test Mode : PCS1900 (EDGE) CH512 Lower Band Edge
- Power State : High



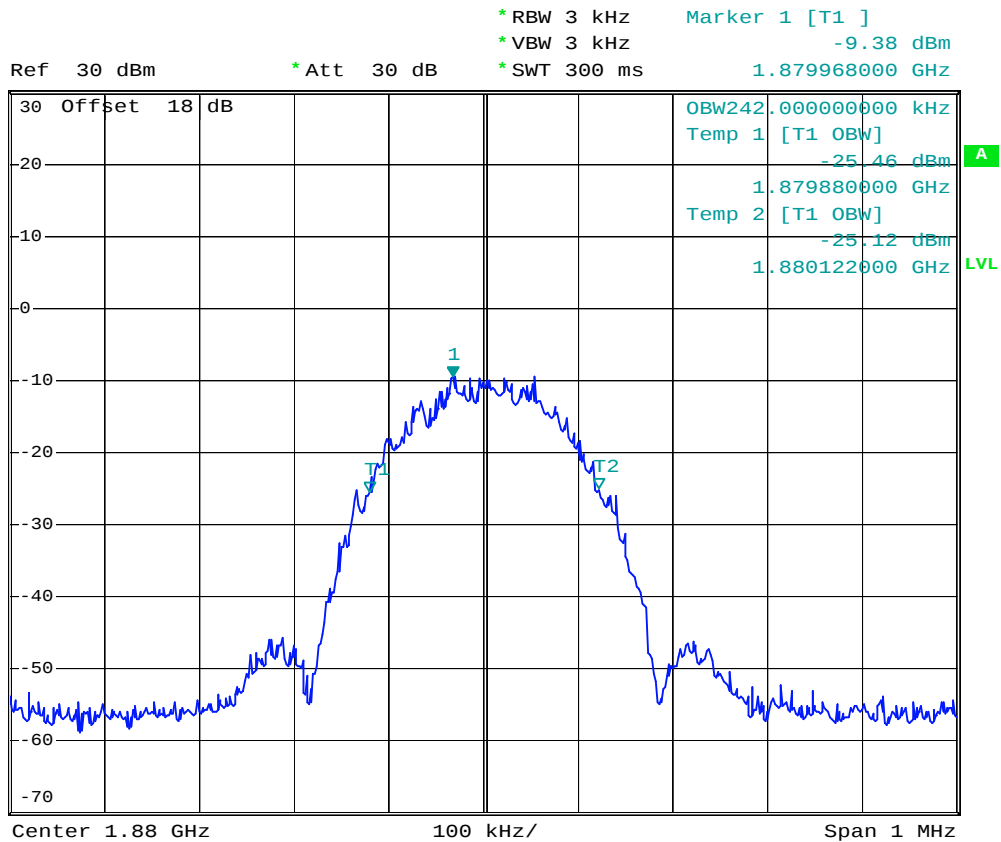
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FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900(EDGE) CH661 99% Occupied Bandwidth
- Power State : Low



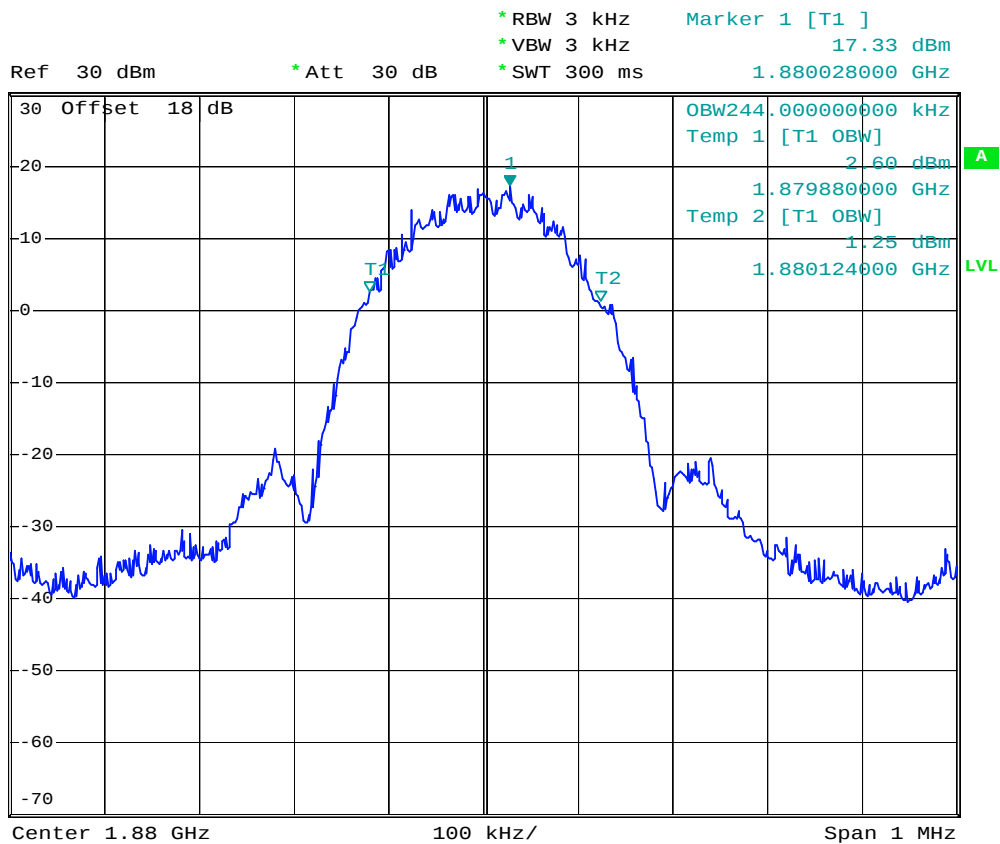
Date: 7.FEB.2007 03:12:20



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900(EDGE) CH661 99% Occupied Bandwidth
- Power State : High



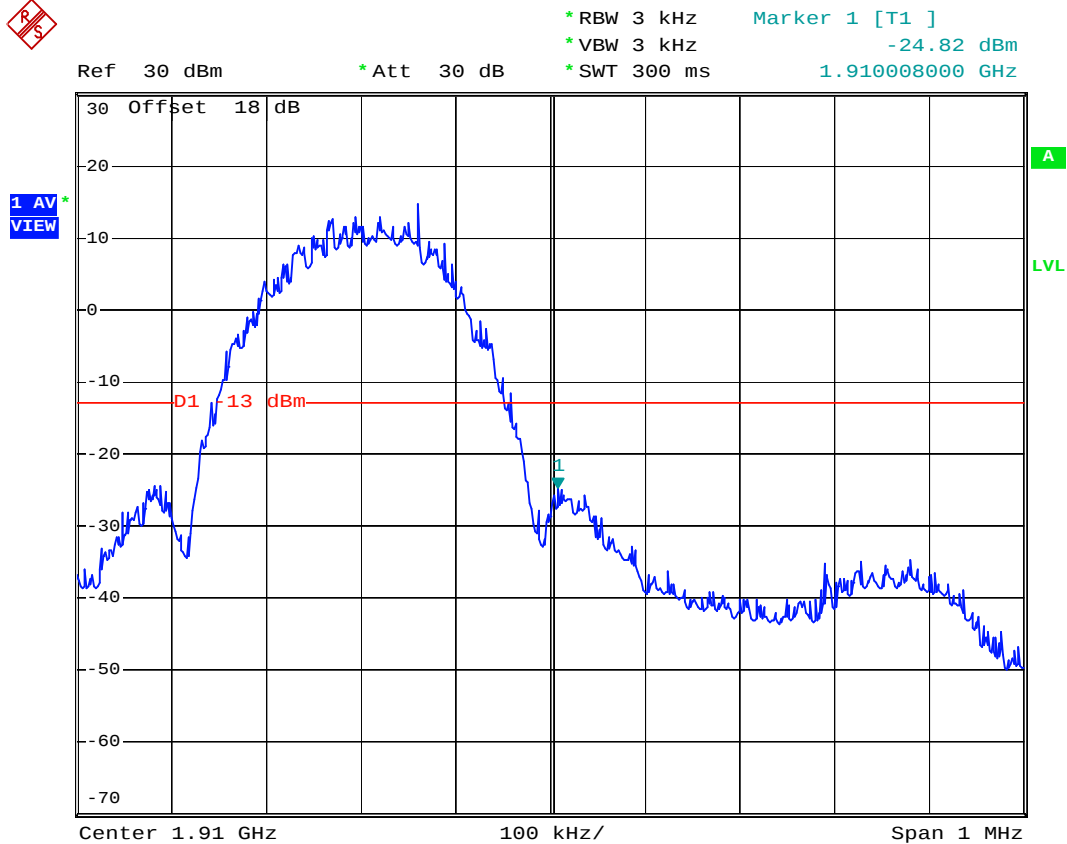
Date: 7.FEB.2007 03:10:52



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900(EDGE) CH810 Higher Band Edge
- Power State : High



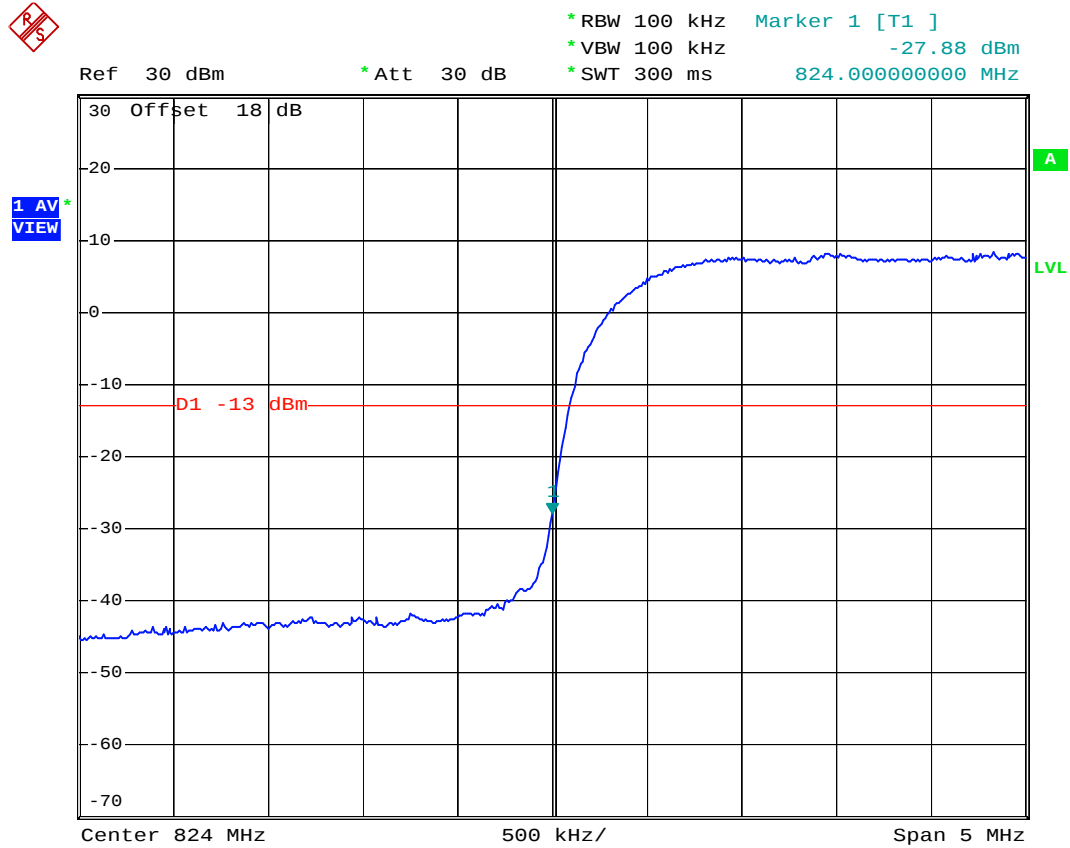
Date: 7.FEB.2007 03:09:44



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 5
- Test Mode : WCDMA Band V CH4132 Lower Band Edge
- Power State : High



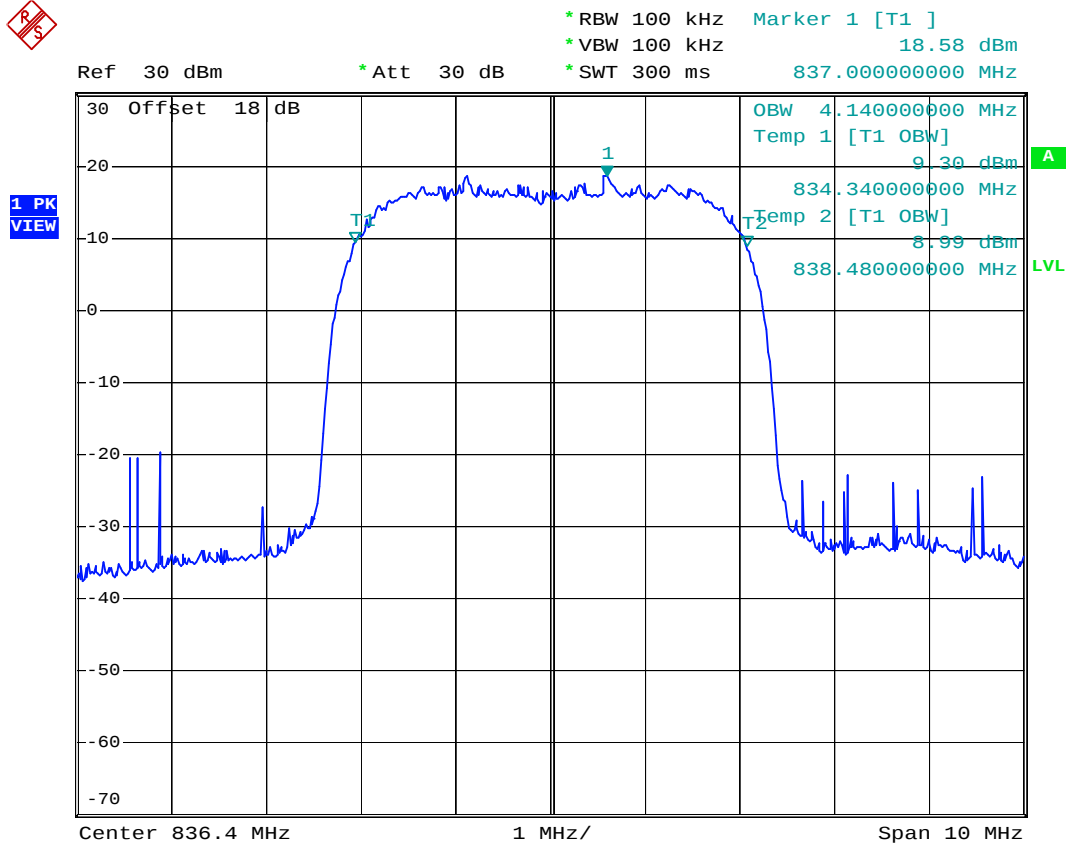
Date: 7.FEB.2007 04:24:08



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V CH4182 99% Occupied Bandwidth
- Power State : High



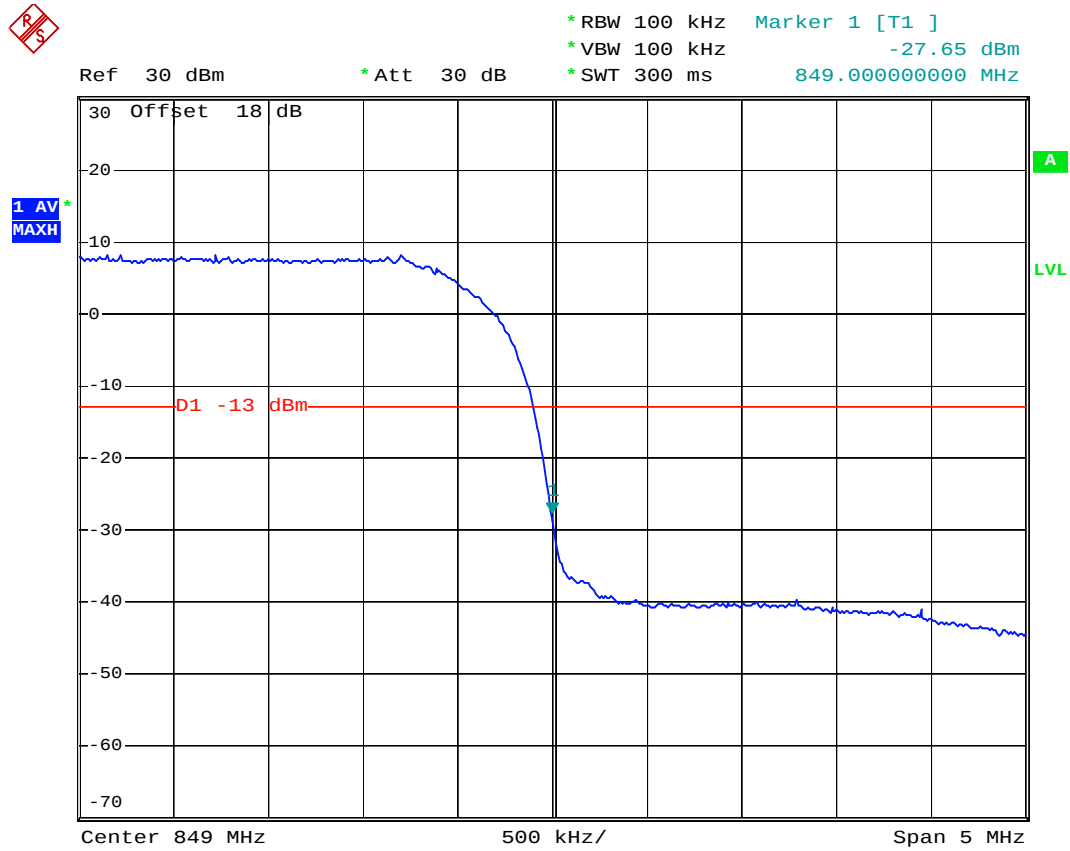
Date: 7.FEB.2007 04:20:16



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V CH4233 Higher Band Edge
- Power State : High



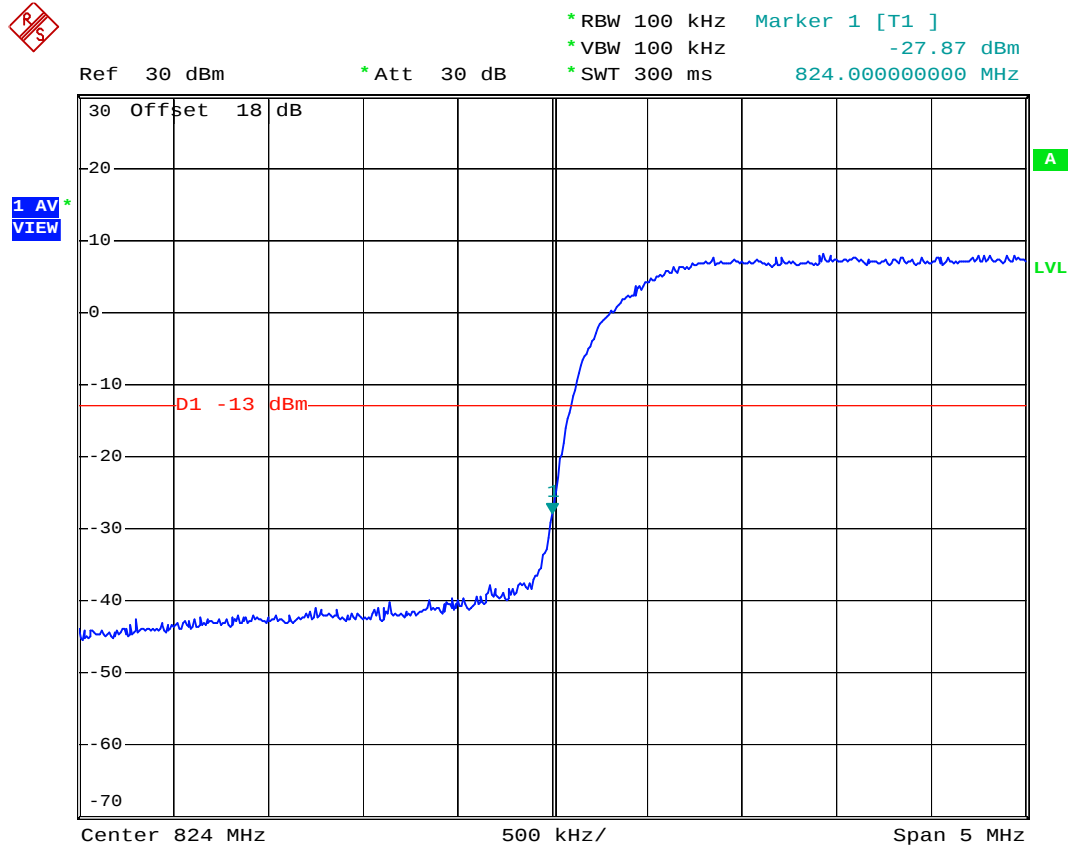
Date: 7.FEB.2007 04:25:00



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 6
- Test Mode : WCDMA Band V (HSDPA) CH4132 Lower Band Edge
- Power State : High



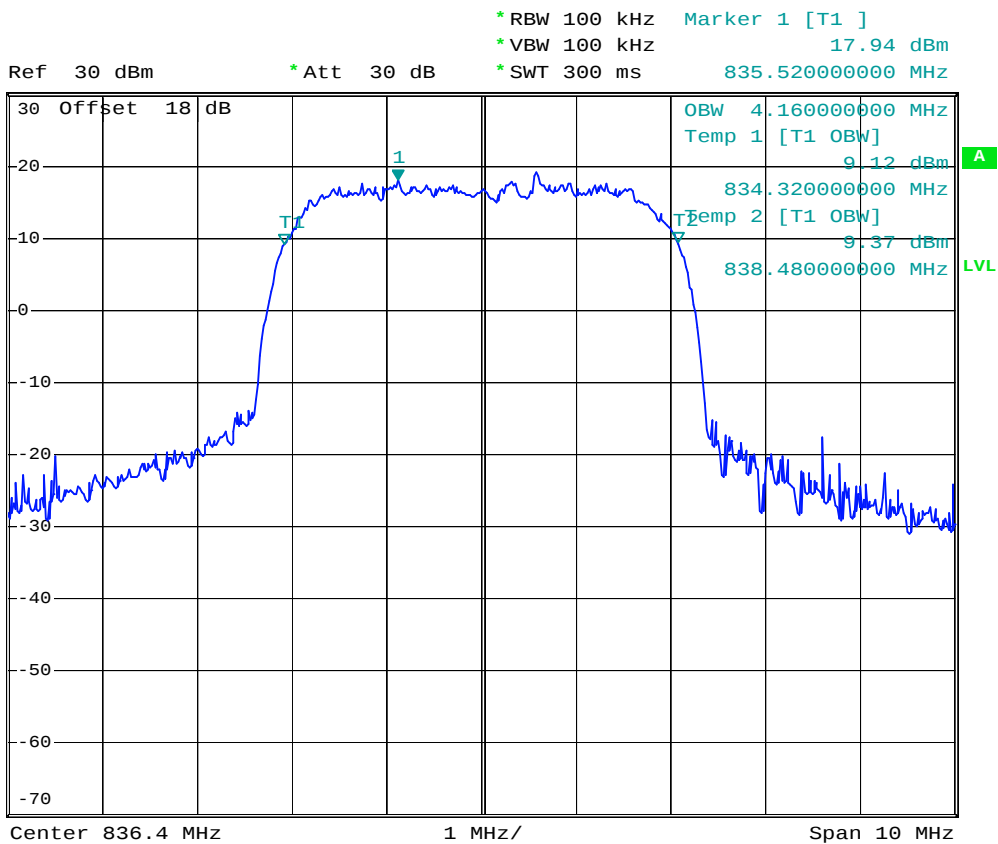
Date: 7.FEB.2007 04:26:31



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V (HSDPA) CH4182 99% Occupied Bandwidth
- Power State : High



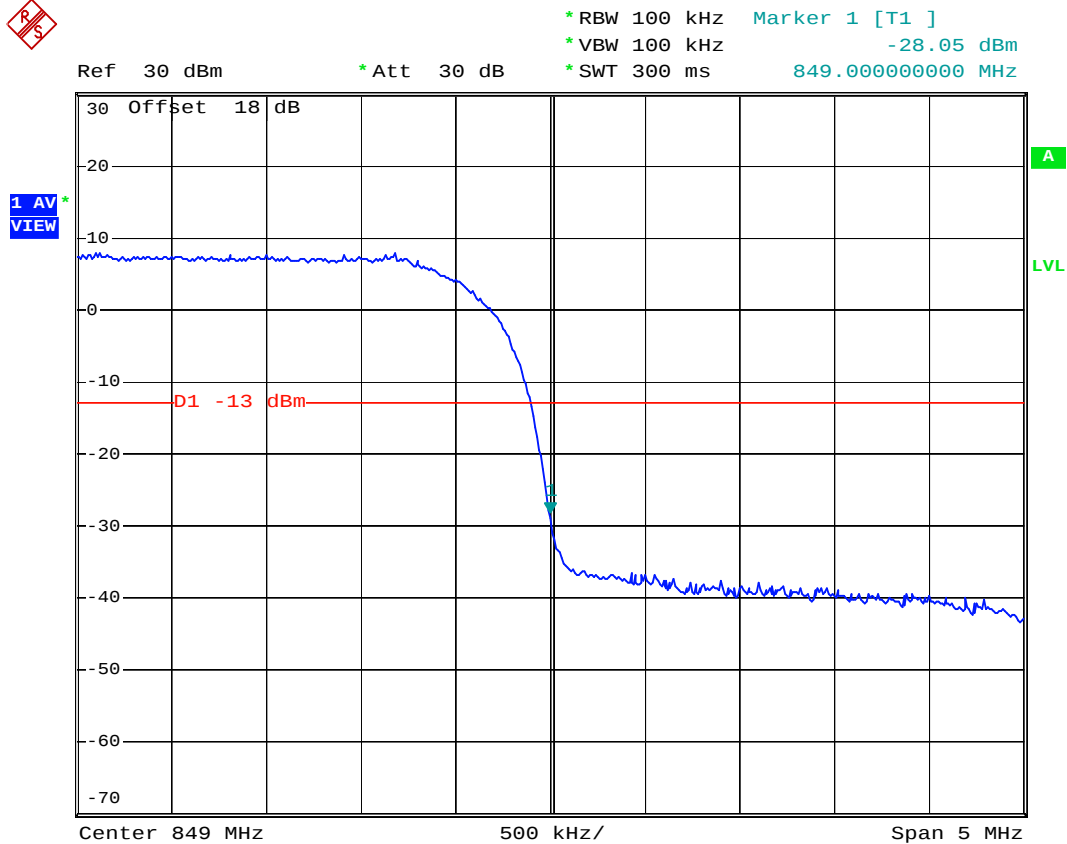
Date: 7.FEB.2007 04:28:34



FCC TEST REPORT

Report No. : FG632813-02A

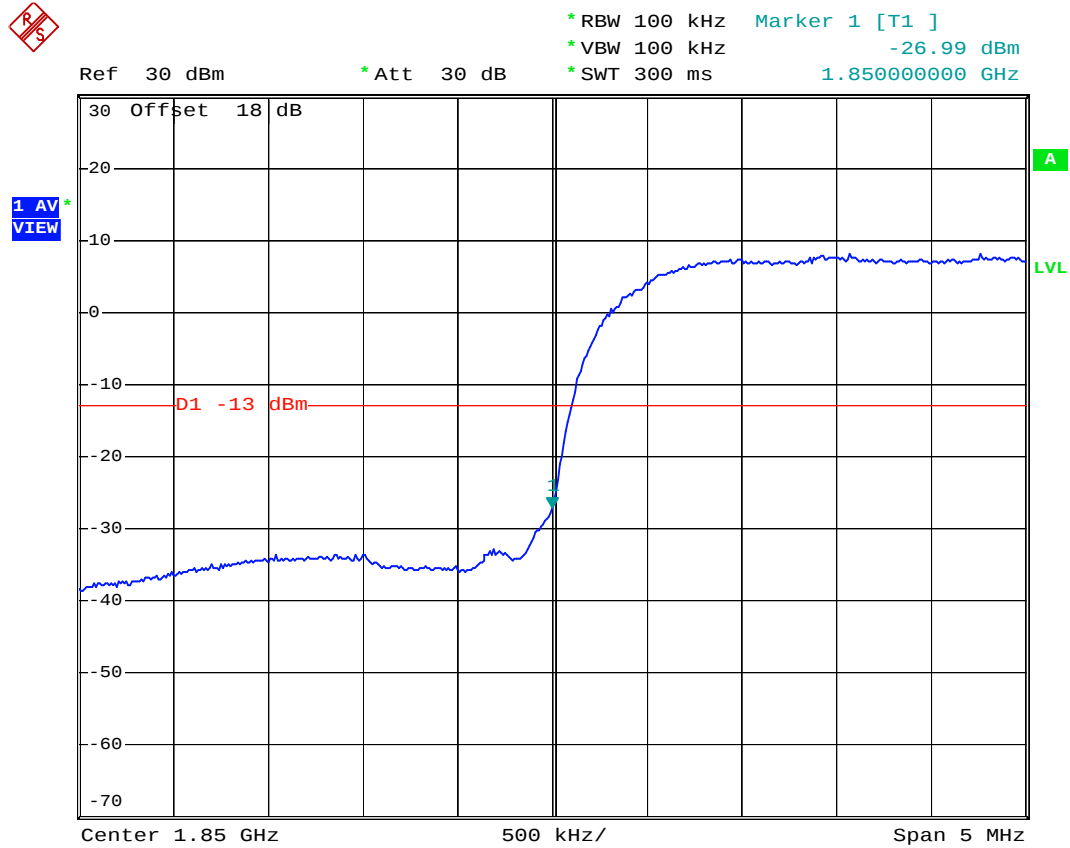
- Test Mode : WCDMA Band V (HSDPA) CH4233 Higher Band Edge
- Power State : High



Date: 7.FEB.2007 04:25:48



- Mode 7
- Test Mode : WCDMA Band II CH9262 Lower Band Edge
- Power State : High



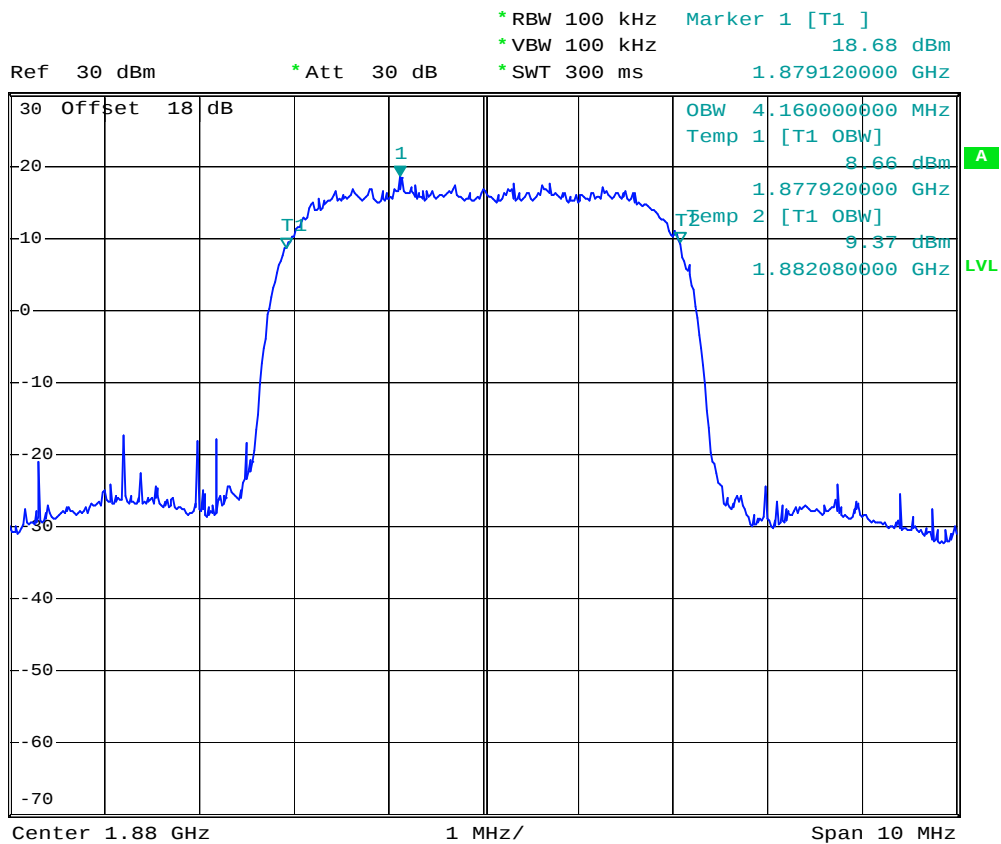
Date: 7.FEB.2007 04:59:55



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II CH9400 99% Occupied Bandwidth
- Power State : High



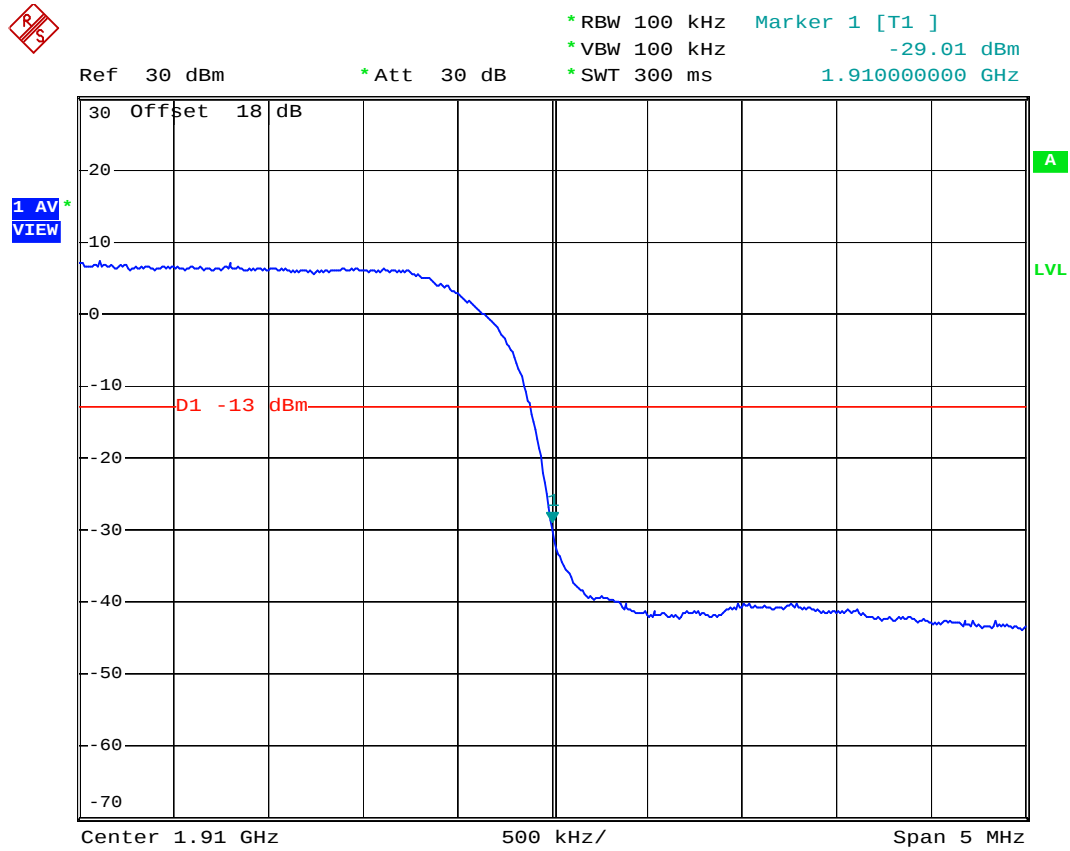
Date: 7.FEB.2007 04:32:44



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II CH9538 Higher Band Edge
- Power State : High



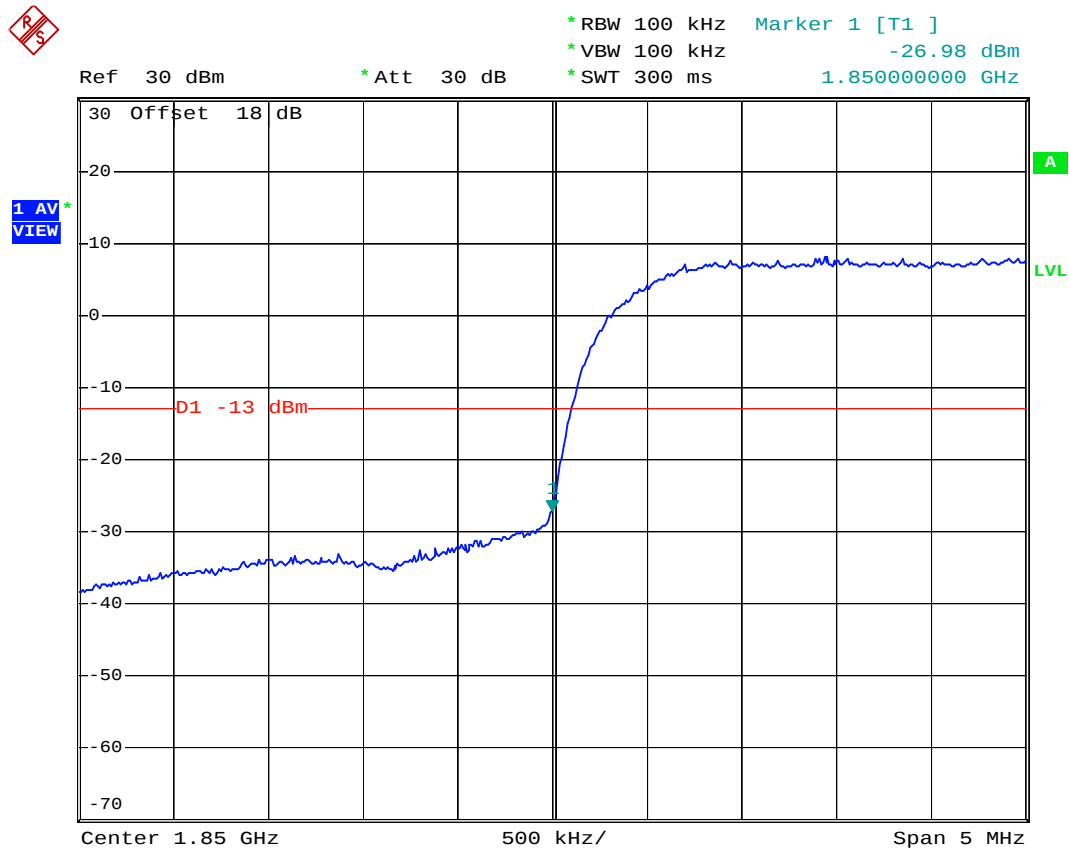
Date: 7.FEB.2007 05:00:40



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 8
- Test Mode : WCDMA Band II (HSDPA) CH9262 Lower Band Edge
- Power State : High



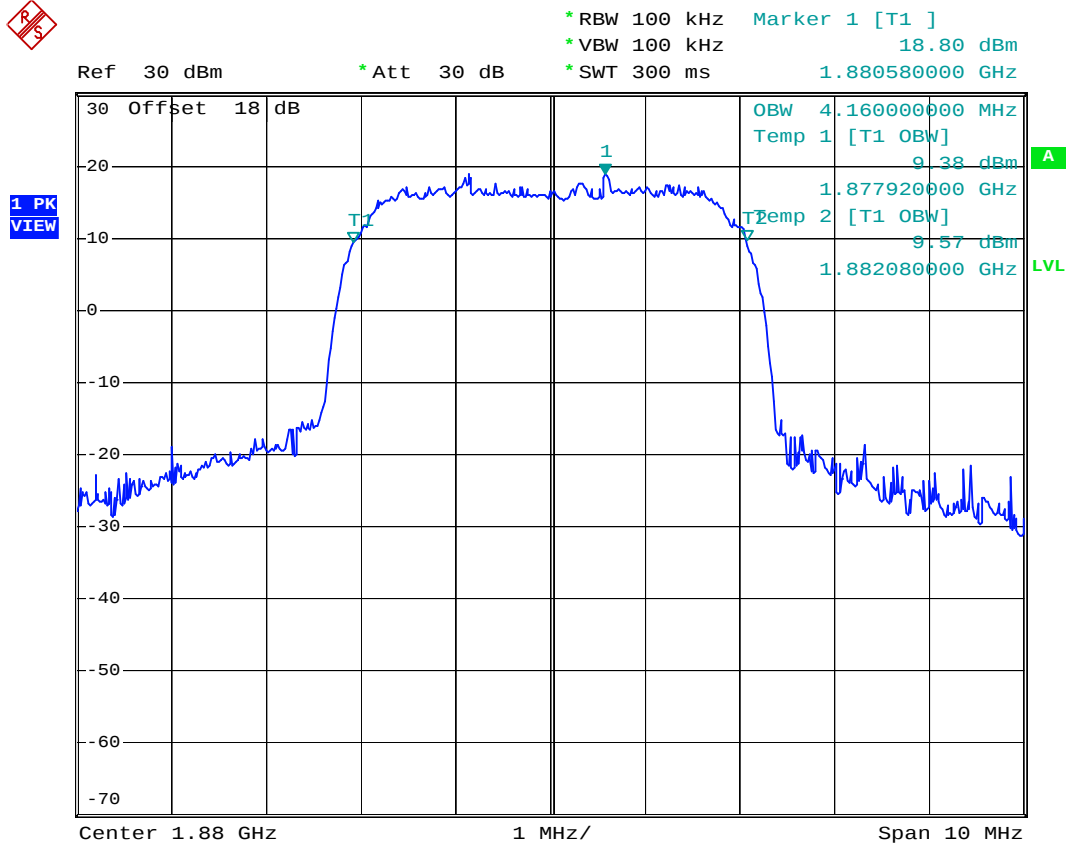
Date: 7.FEB.2007 04:54:25



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II (HSDPA) CH9400 99% Occupied Bandwidth
- Power State : High



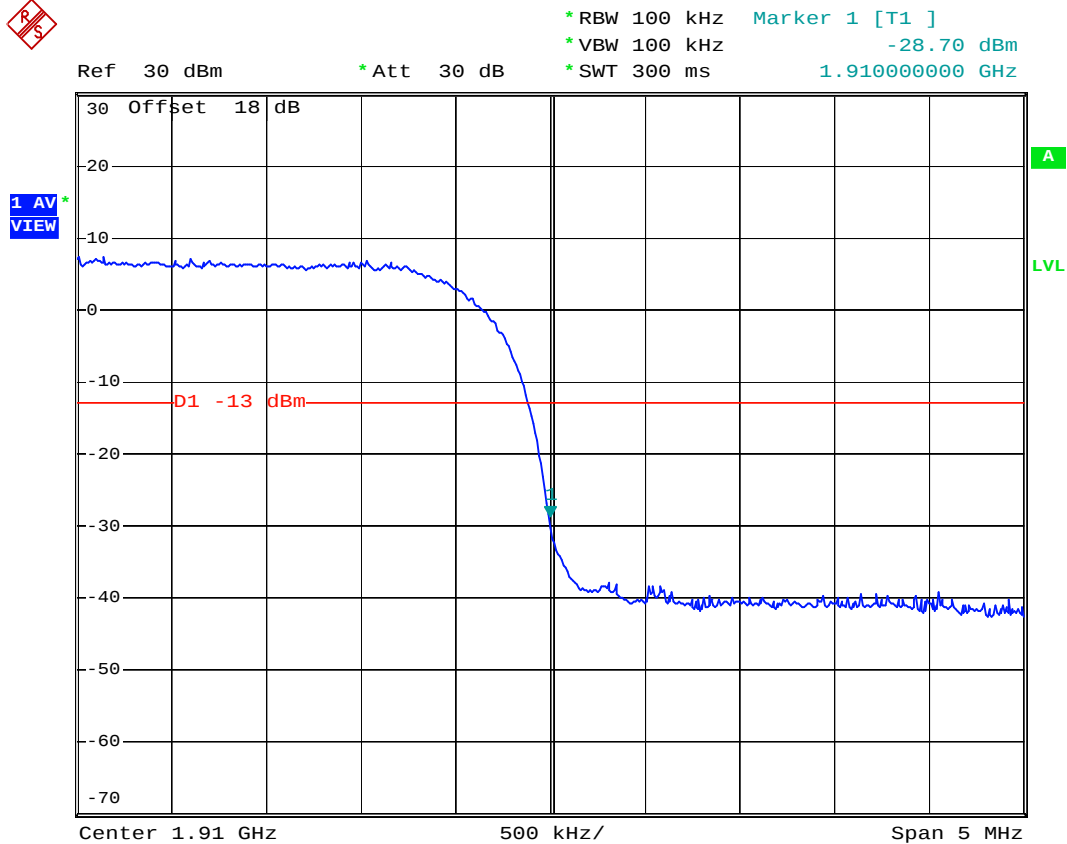
Date: 7.FEB.2007 04:57:31



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II (HSDPA) CH9538 Higher Band Edge
- Power State : High



Date: 7.FEB.2007 04:53:23

4.5 Conducted Emission

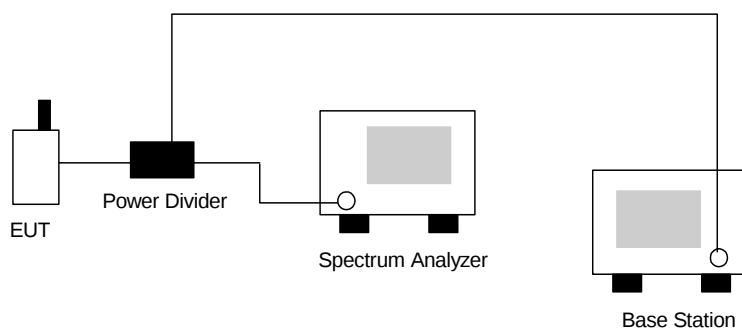
4.5.1 Measurement Instruments

As described in chapter 5 of this test report.

4.5.2 Test Procedure

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The middle channel for the highest RF power within the transmitting frequency was measured.
3. The conducted spurious emission for the whole frequency range was taken.

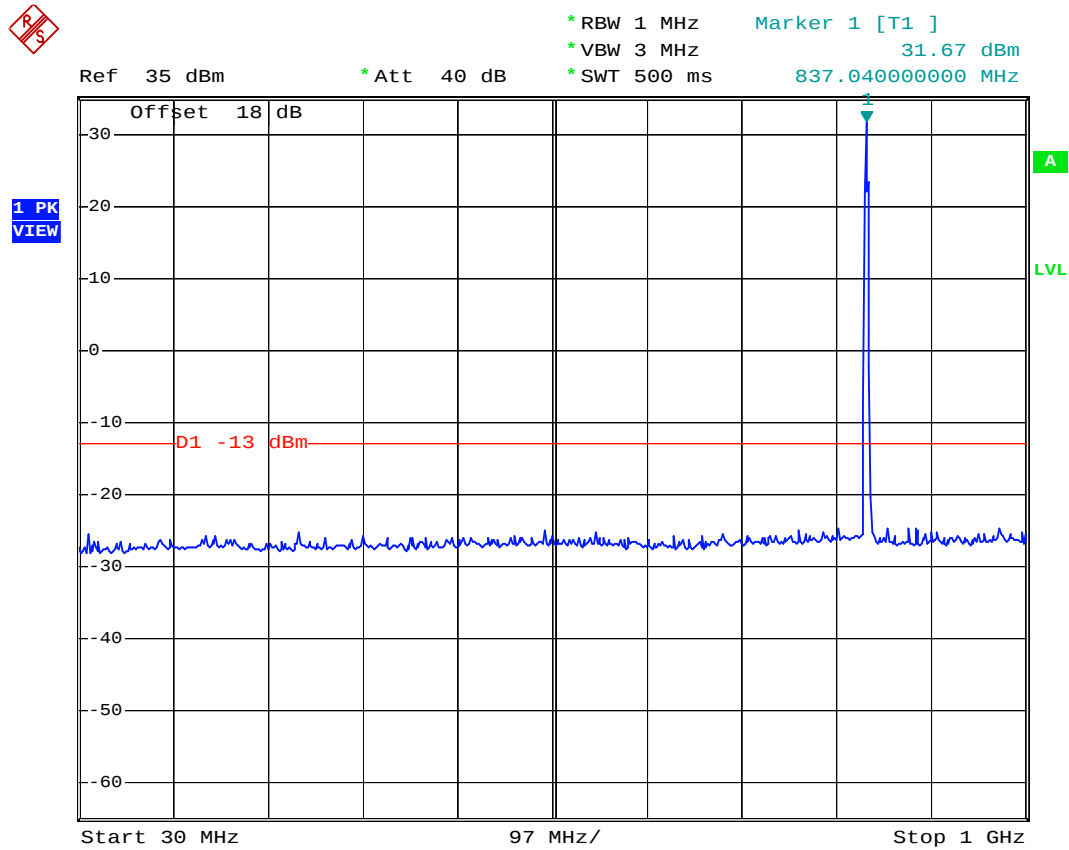
4.5.3 Test Setup Layout





4.5.4 Test Result

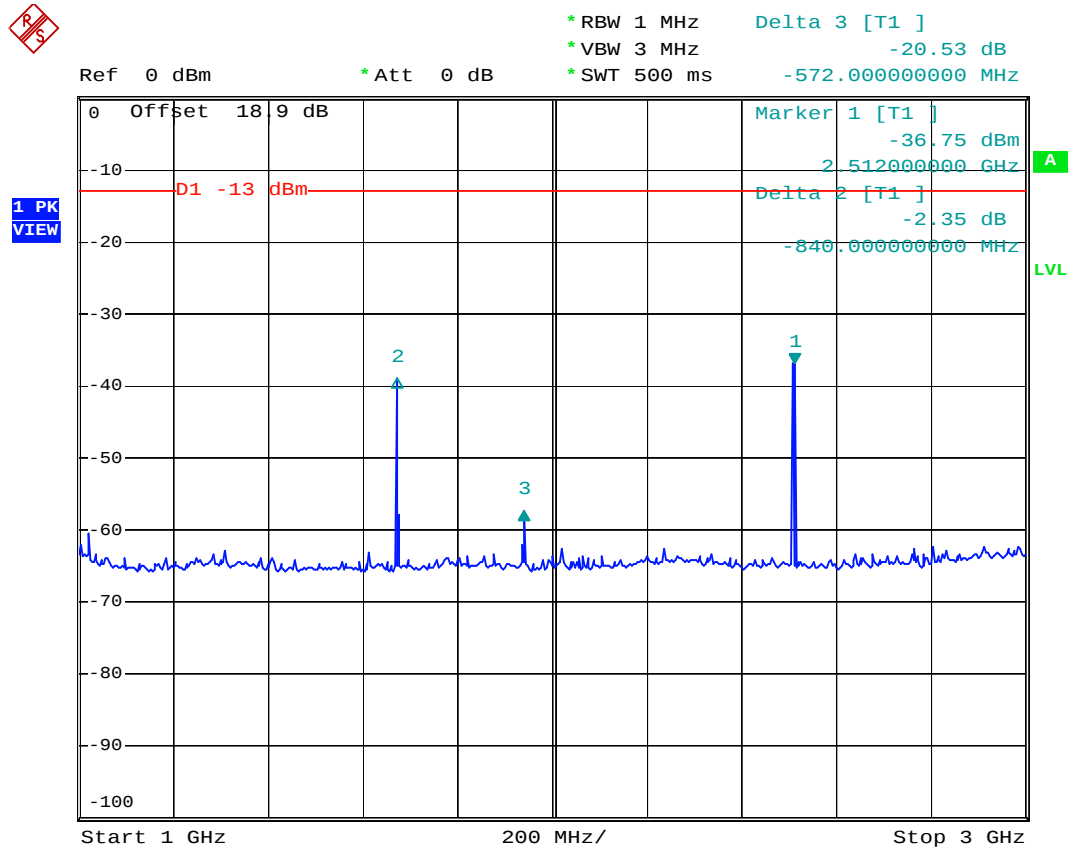
- Mode 1
- Test Mode : GSM850 (GSM) CH189
- Frequency Range : 30M-1G



Date: 3.FEB.2007 04:04:40



- Test Mode : GSM850 (GSM) CH189
- Frequency Range : 1G-3G



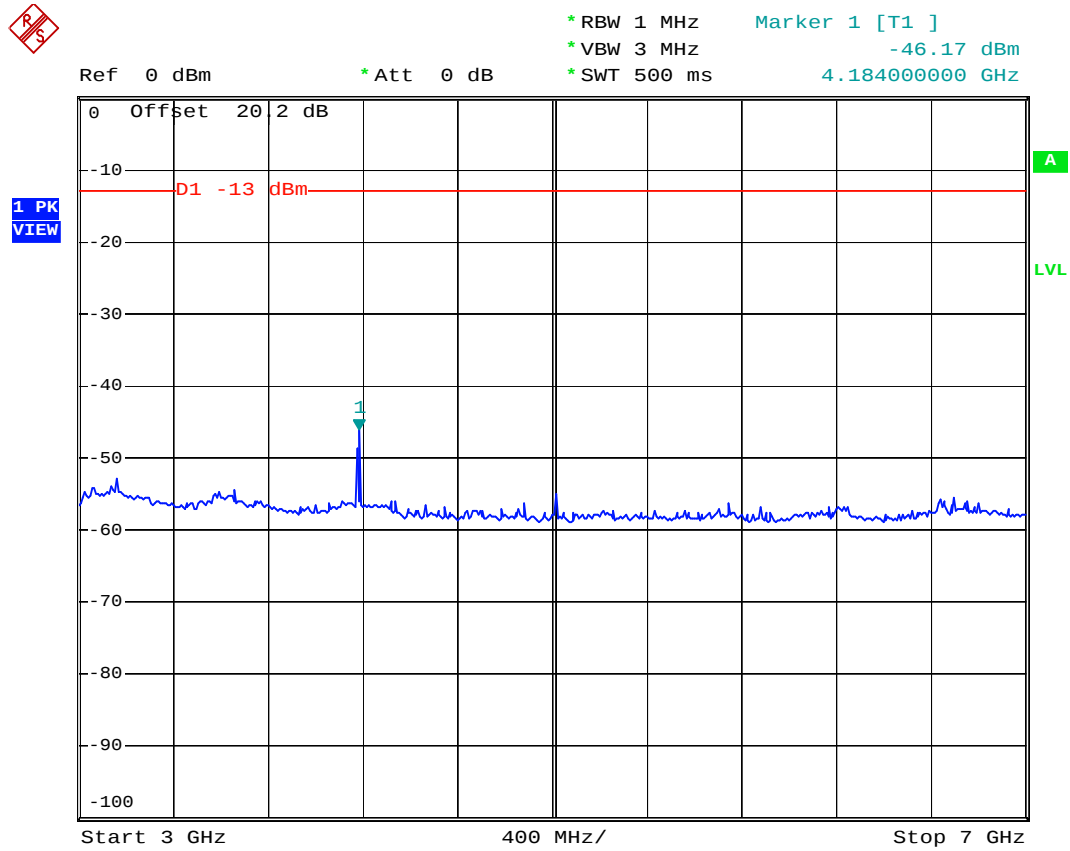
Date: 3.FEB.2007 04:06:38



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (GSM) CH189
- Frequency Range : 3G-7G



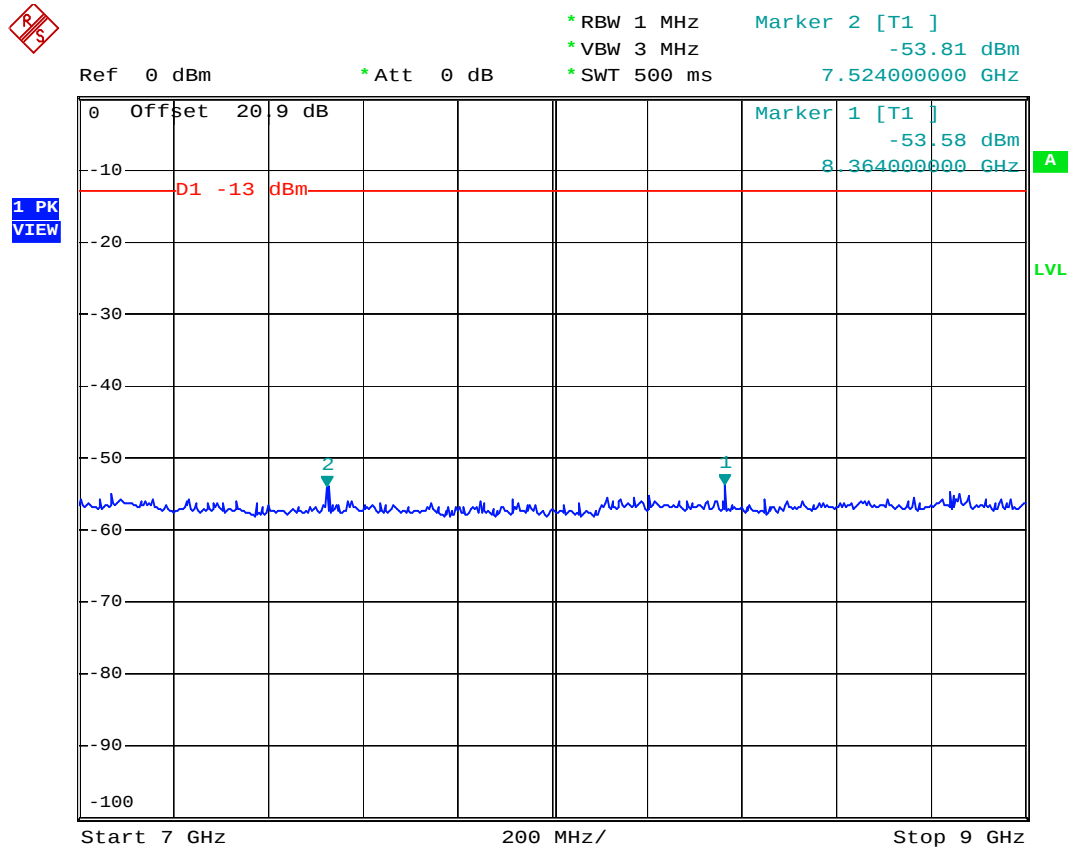
Date: 3.FEB.2007 04:09:05



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (GSM) CH189
- Frequency Range : 7G-9G



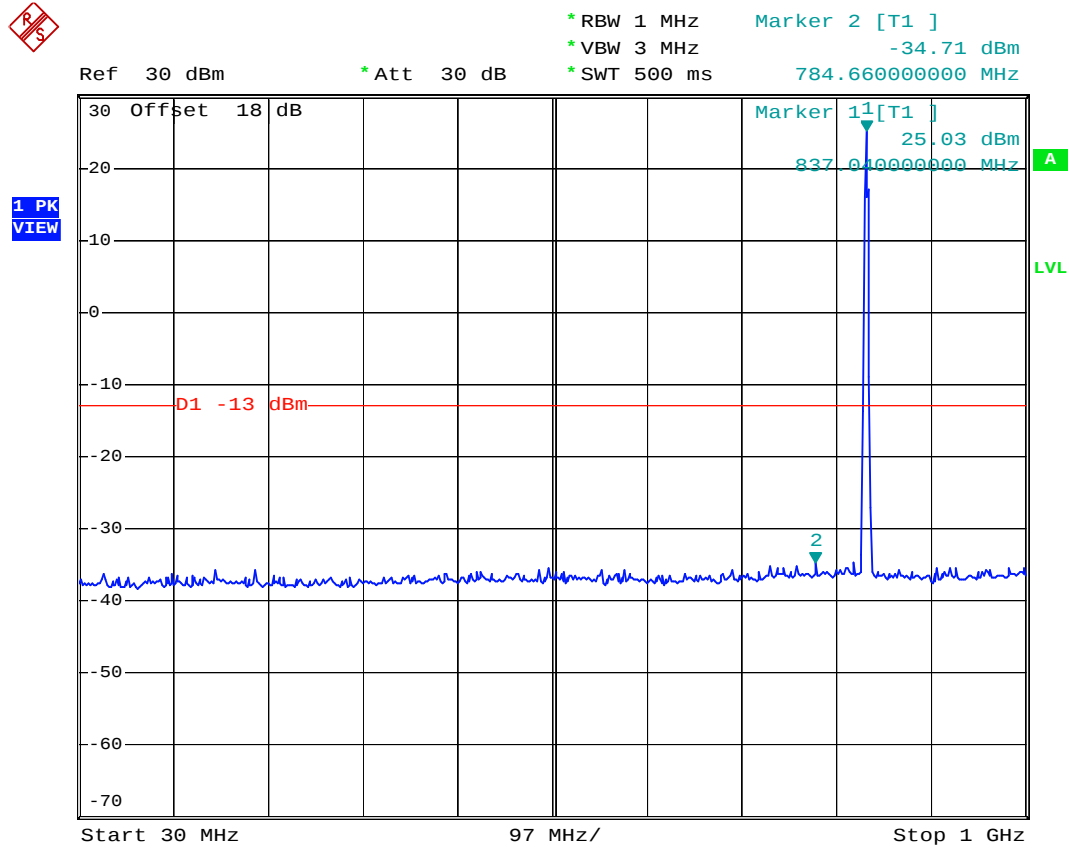
Date: 3.FEB.2007 04:12:20



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 2
- Test Mode : GSM850 (EDGE) CH189
- Frequency Range : 30M-1G



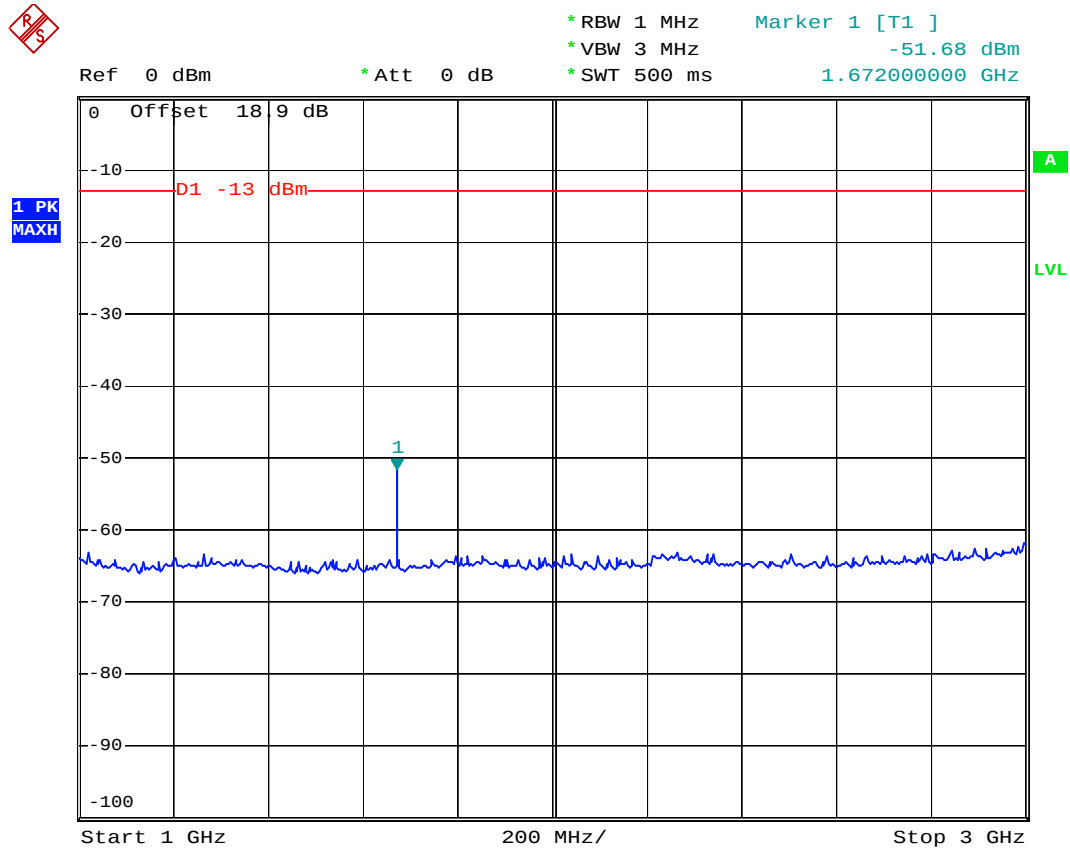
Date: 7.FEB.2007 03:31:31



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (EDGE) CH189
- Frequency Range : 1G-3G



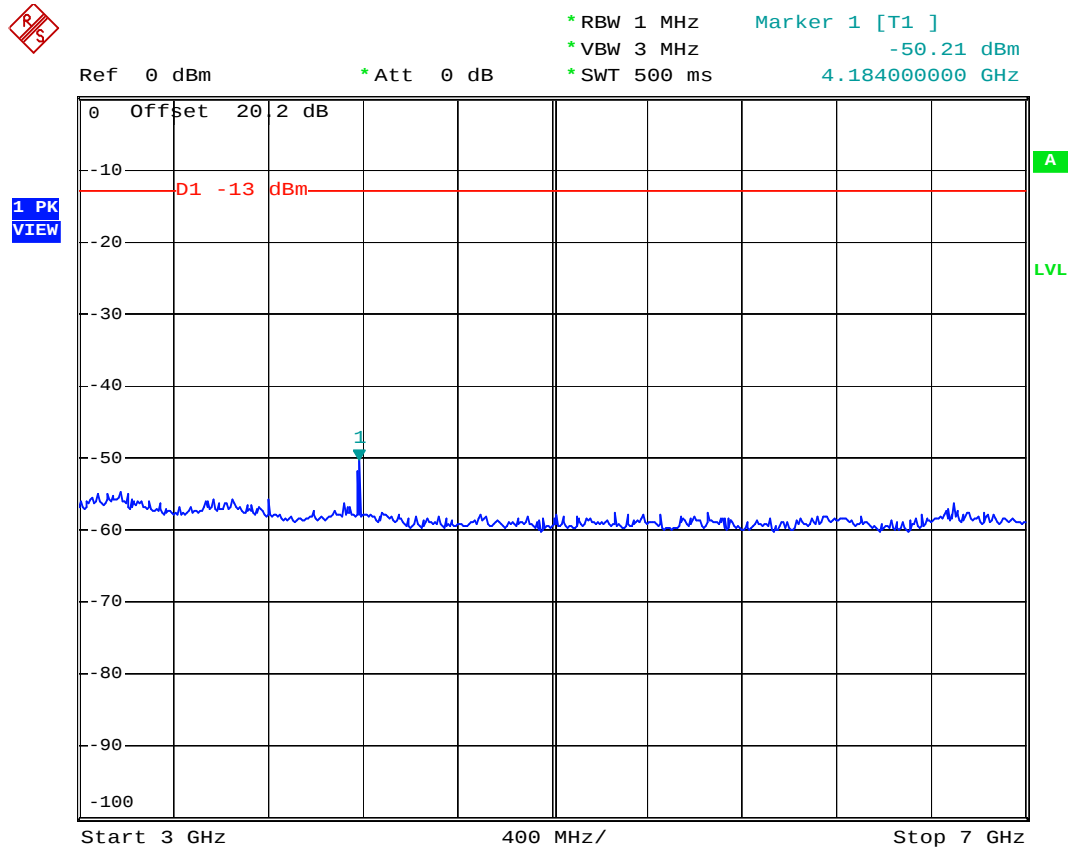
Date: 7.FEB.2007 03:36:48



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (EDGE) CH189
- Frequency Range : 3G-7G



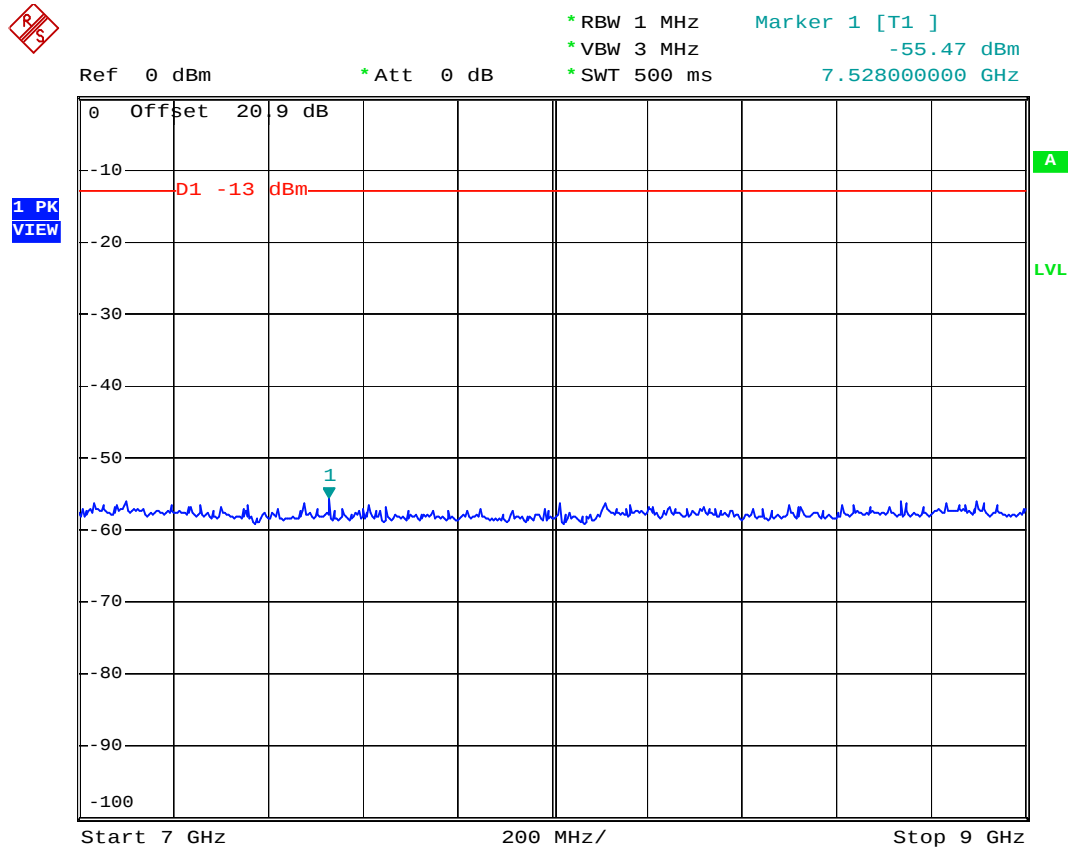
Date: 7.FEB.2007 03:39:03



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : GSM850 (EDGE) CH189
- Frequency Range : 7G-9G



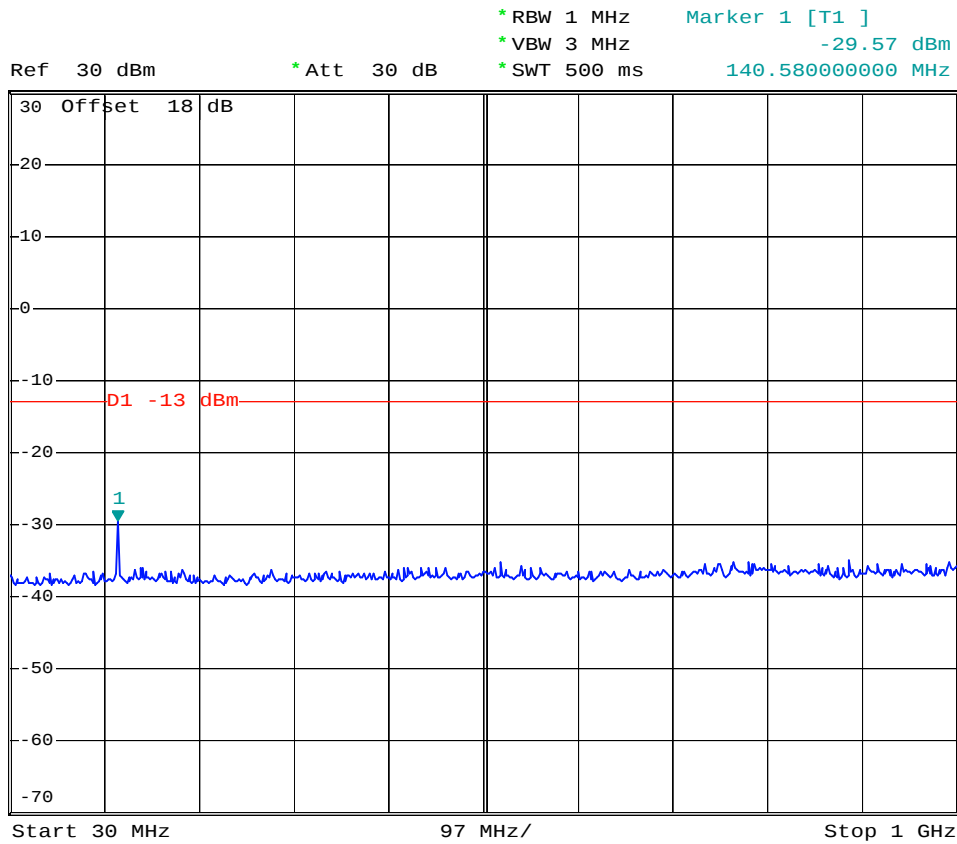
Date: 7.FEB.2007 03:40:23



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 3
- Test Mode : PCS1900 (GSM) CH661
- Frequency Range : 30M-1G



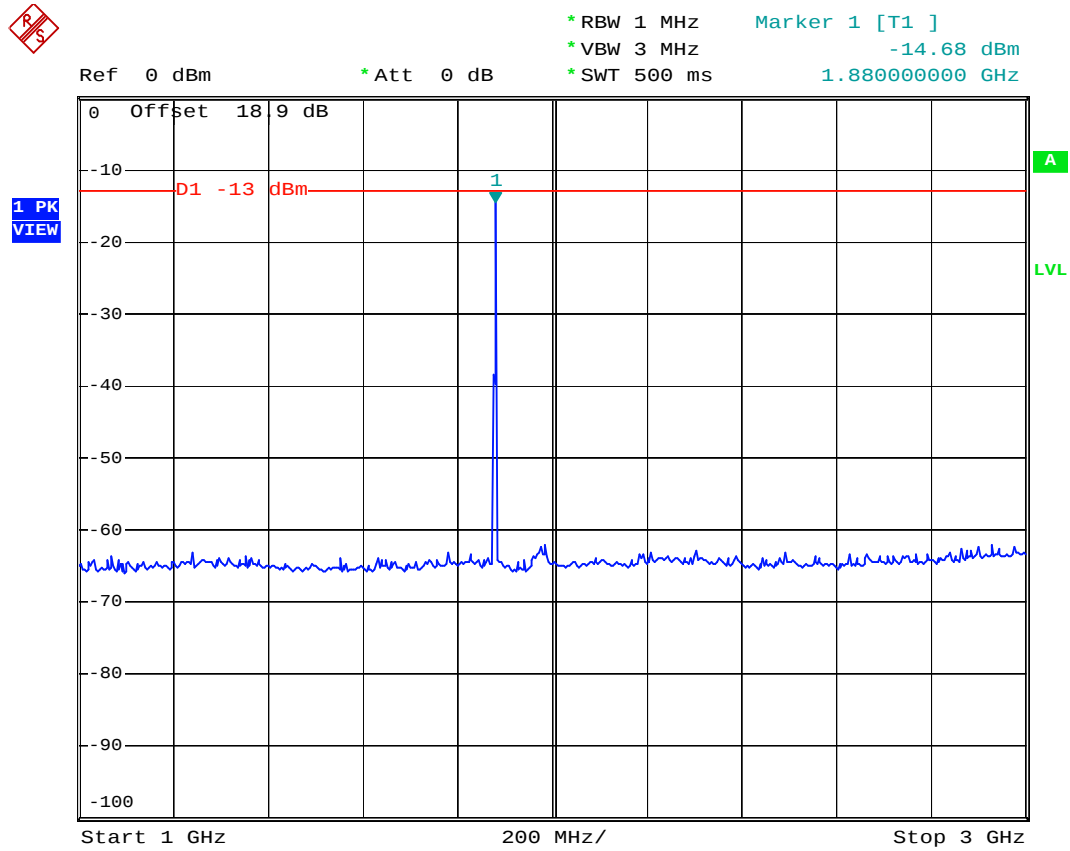
Date: 3.FEB.2007 04:19:36



FCC TEST REPORT

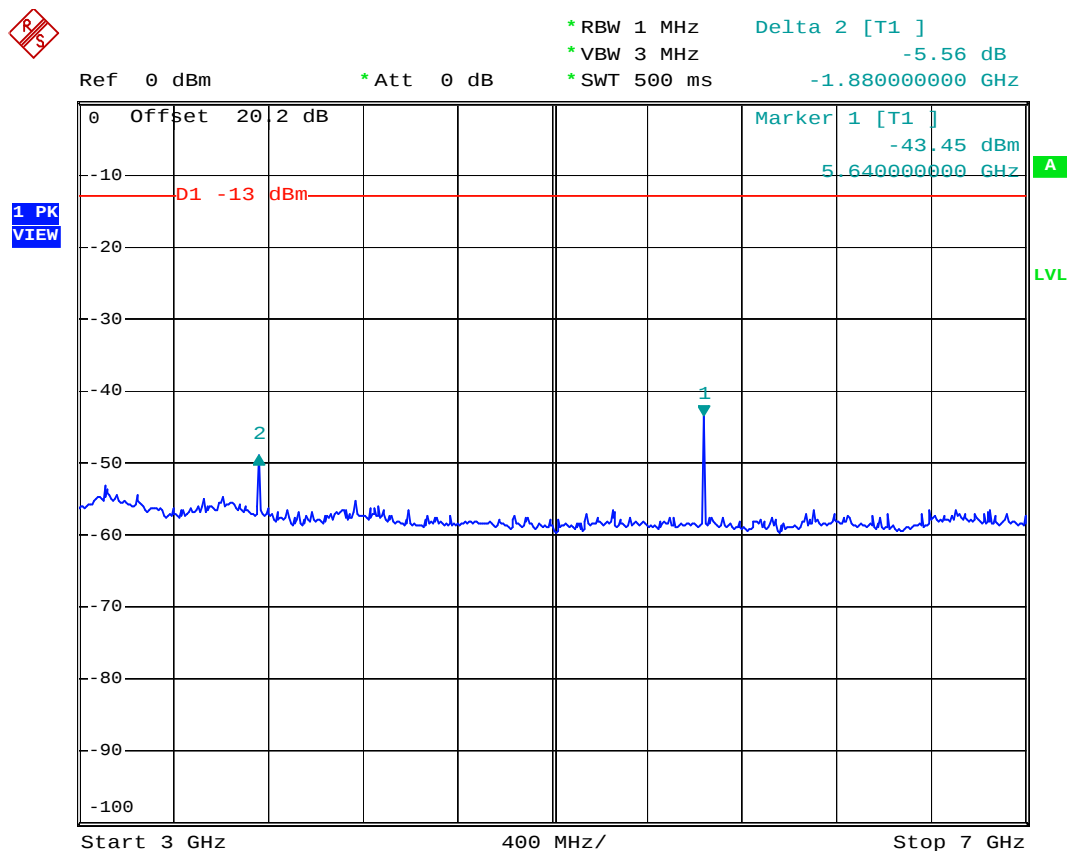
Report No. : FG632813-02A

- Test Mode : PCS1900 (GSM) CH661
- Frequency Range : 1G-3G



Date: 3.FEB.2007 04:21:27

- Test Mode : PCS1900 (GSM) CH661
- Frequency Range : 3G-7G



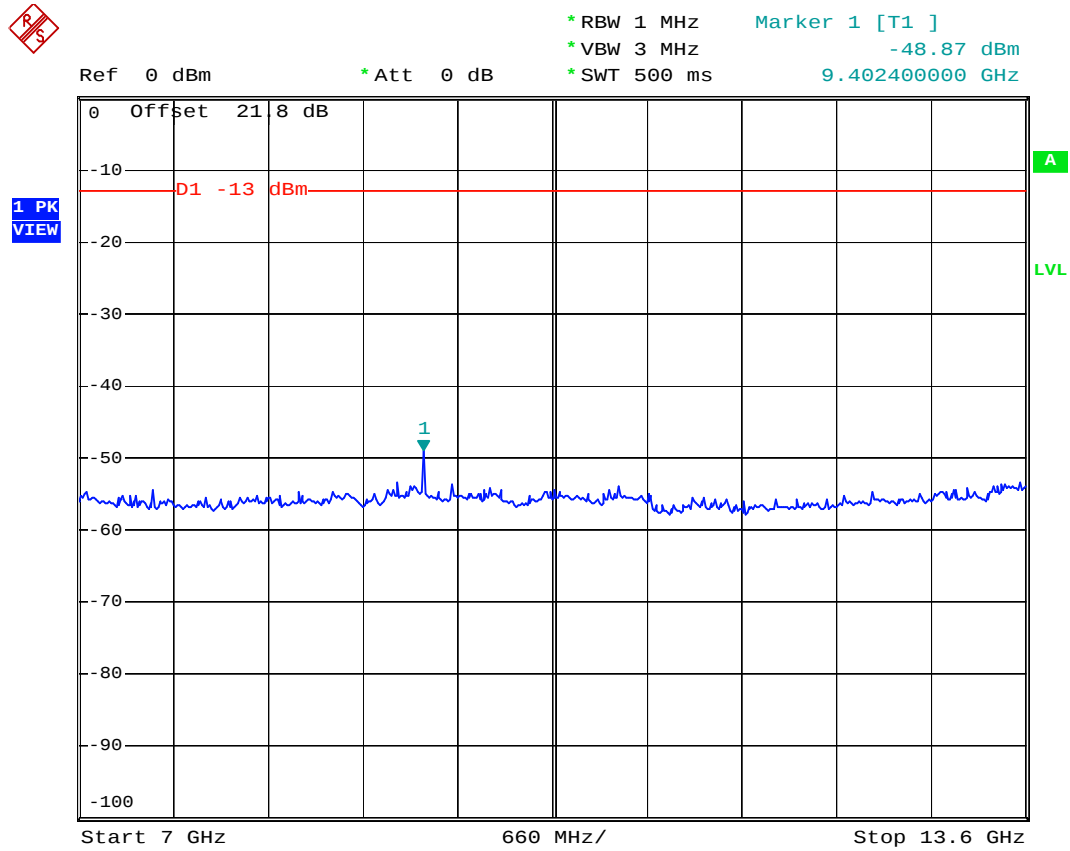
Date: 3.FEB.2007 04:22:29



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (GSM) CH661
- Frequency Range : 7G-13.6G



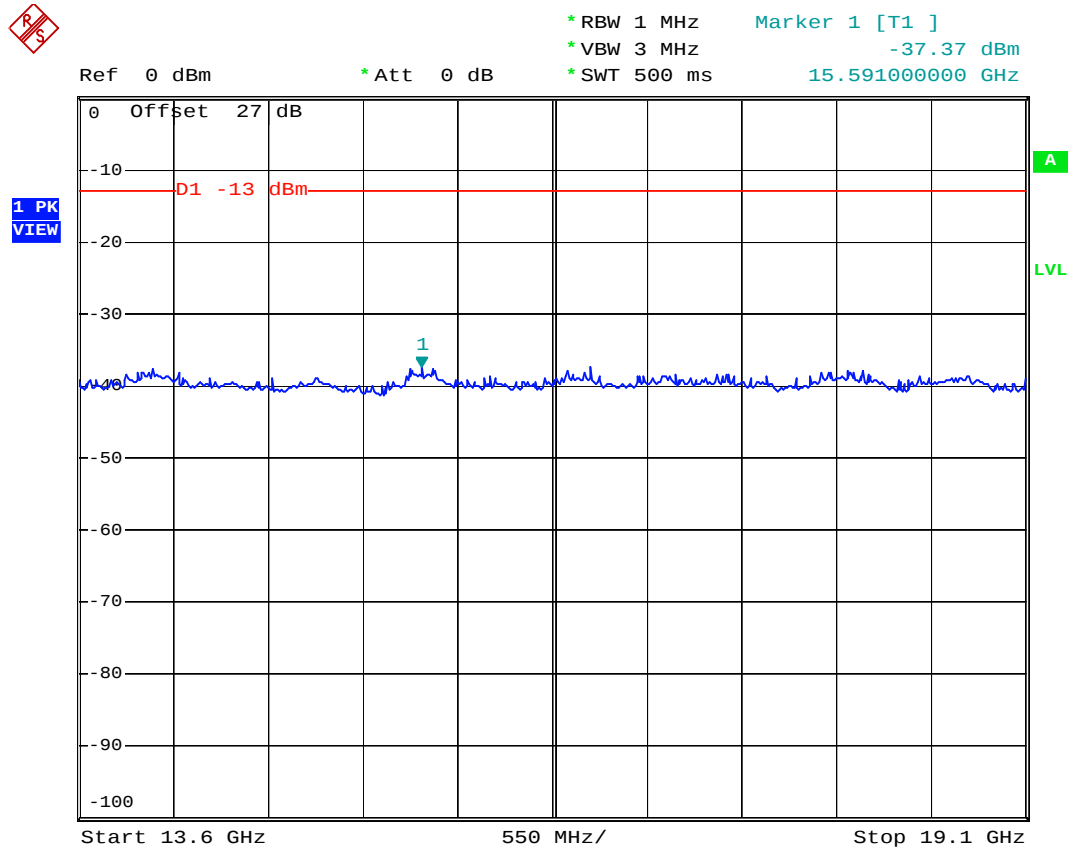
Date: 3.FEB.2007 04:24:13



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (GSM) CH661
- Frequency Range : 13.6G-19.1G



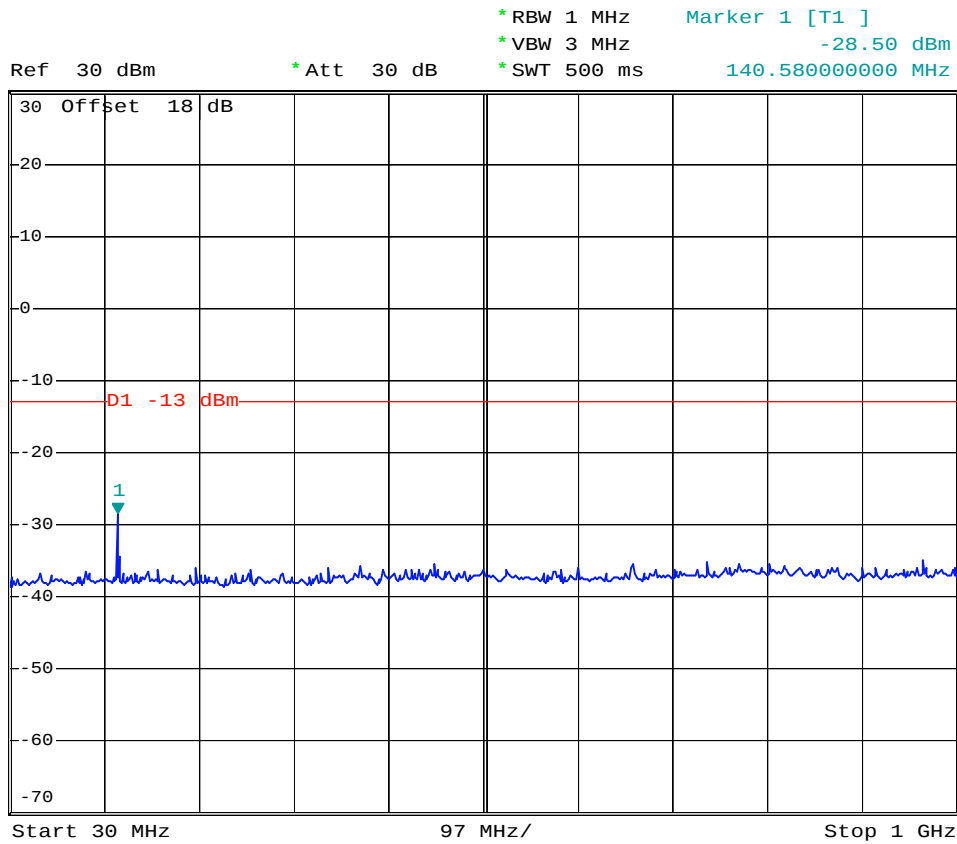
Date: 3.FEB.2007 04:26:01



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 4
- Test Mode : PCS1900 (EDGE) CH661
- Frequency Range : 30M-1G



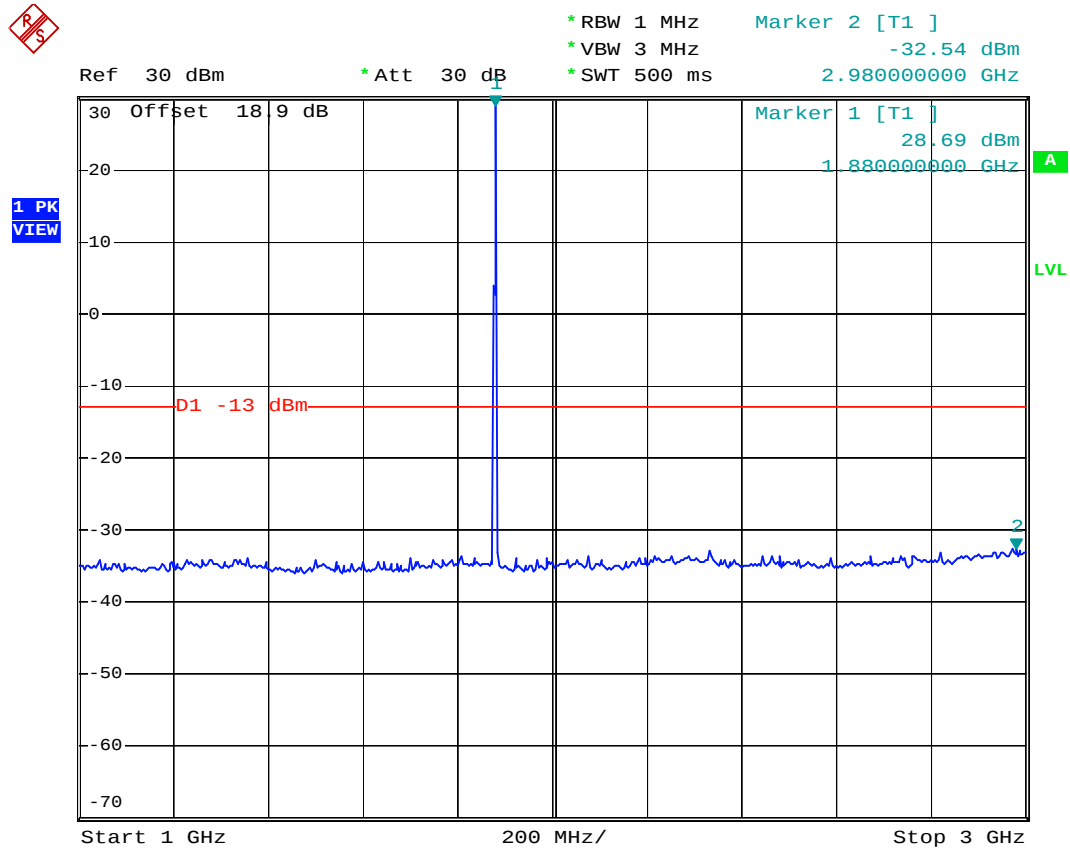
Date: 7.FEB.2007 03:21:05



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (EDGE) CH661
- Frequency Range : 1G-3G



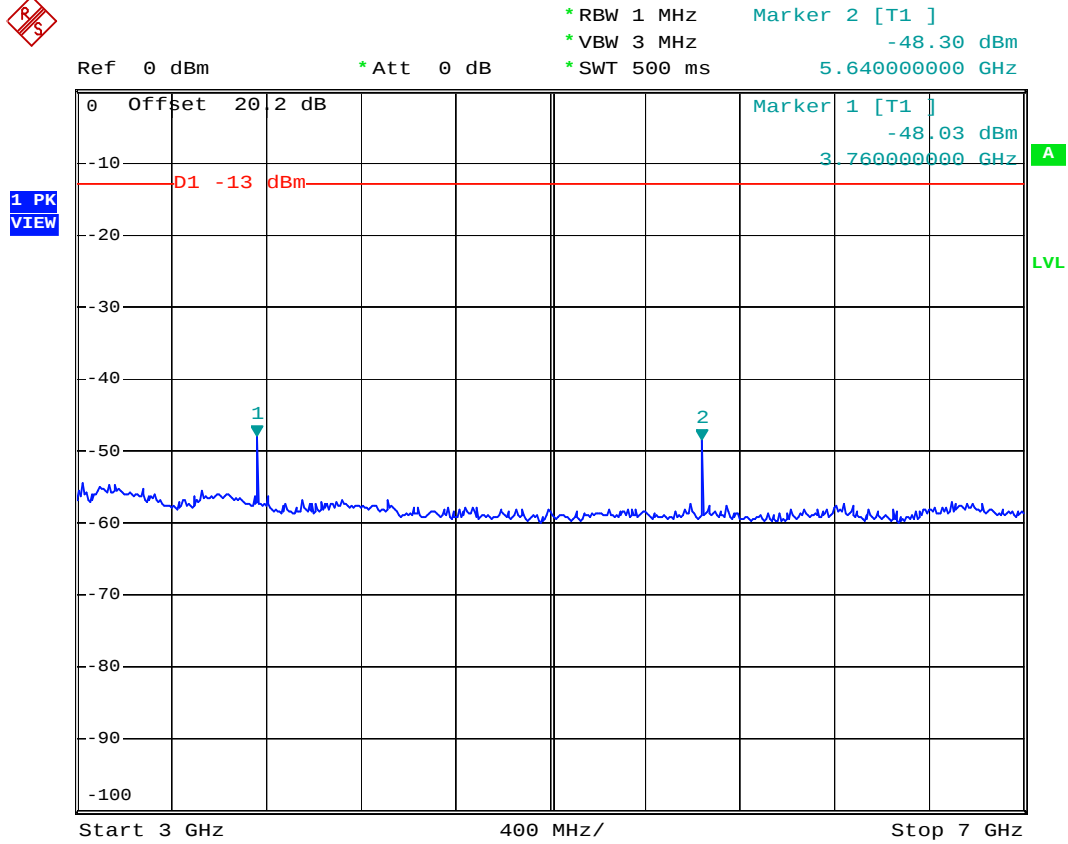
Date: 7.FEB.2007 03:23:45



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (EDGE) CH661
- Frequency Range : 3G-7G



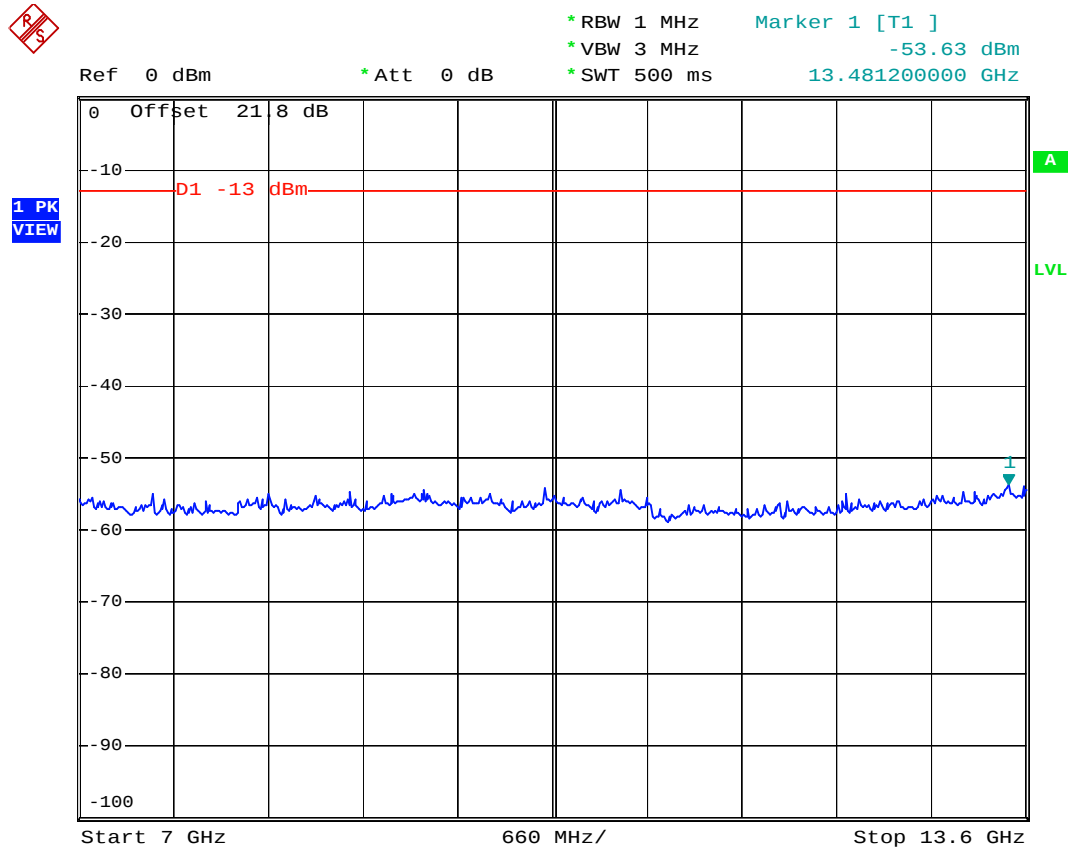
Date: 7.FEB.2007 03:25:51



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (EDGE) CH661
- Frequency Range : 7G-13.6G



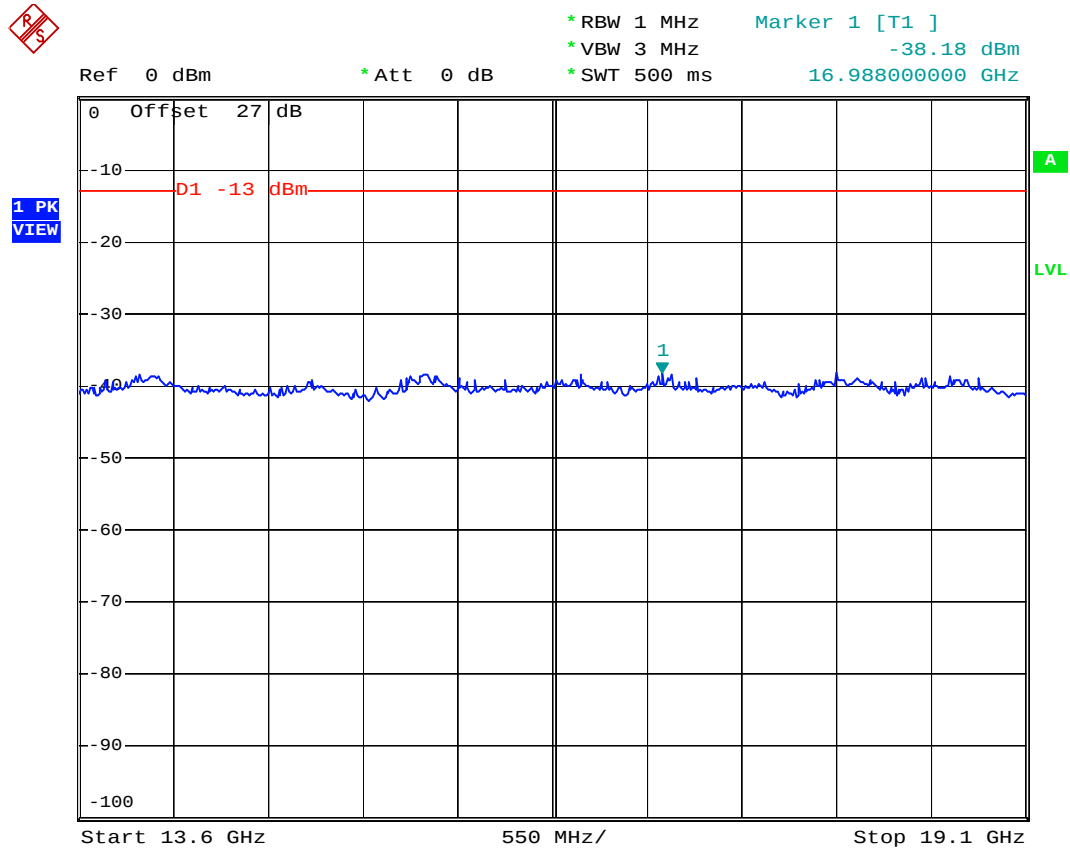
Date: 7.FEB.2007 03:27:03



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : PCS1900 (EDGE) CH661
- Frequency Range : 13.6G-19.1G



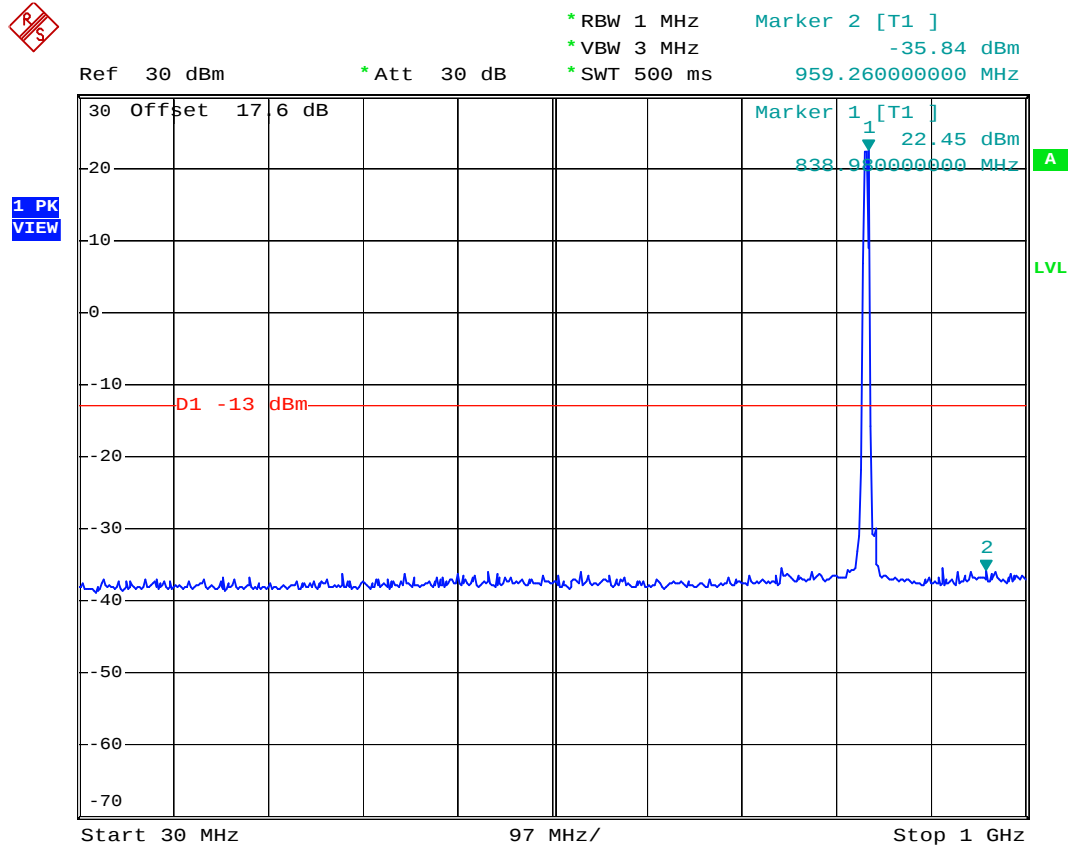
Date: 7.FEB.2007 03:28:21



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 5
- Test Mode : WCDMA Band V CH4182
- Frequency Range : 30M-1G



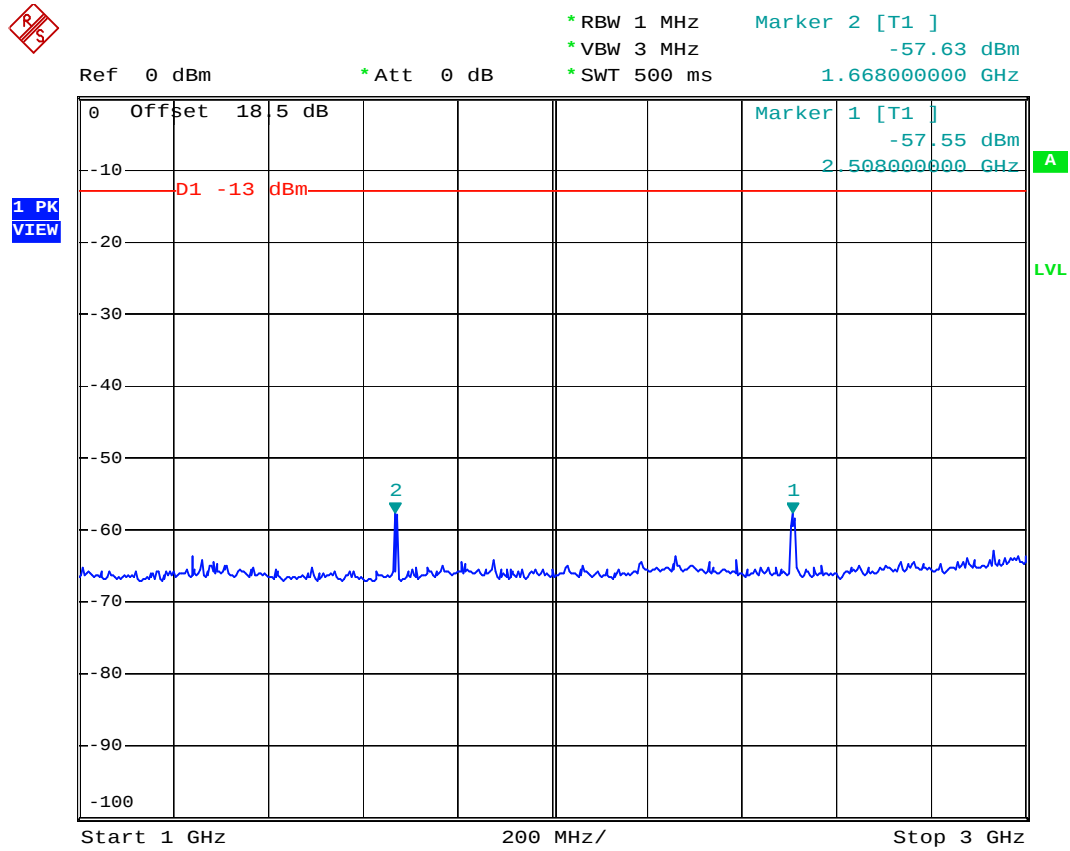
Date: 7.FEB.2007 05:25:14



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V CH4182
- Frequency Range : 1G-3G



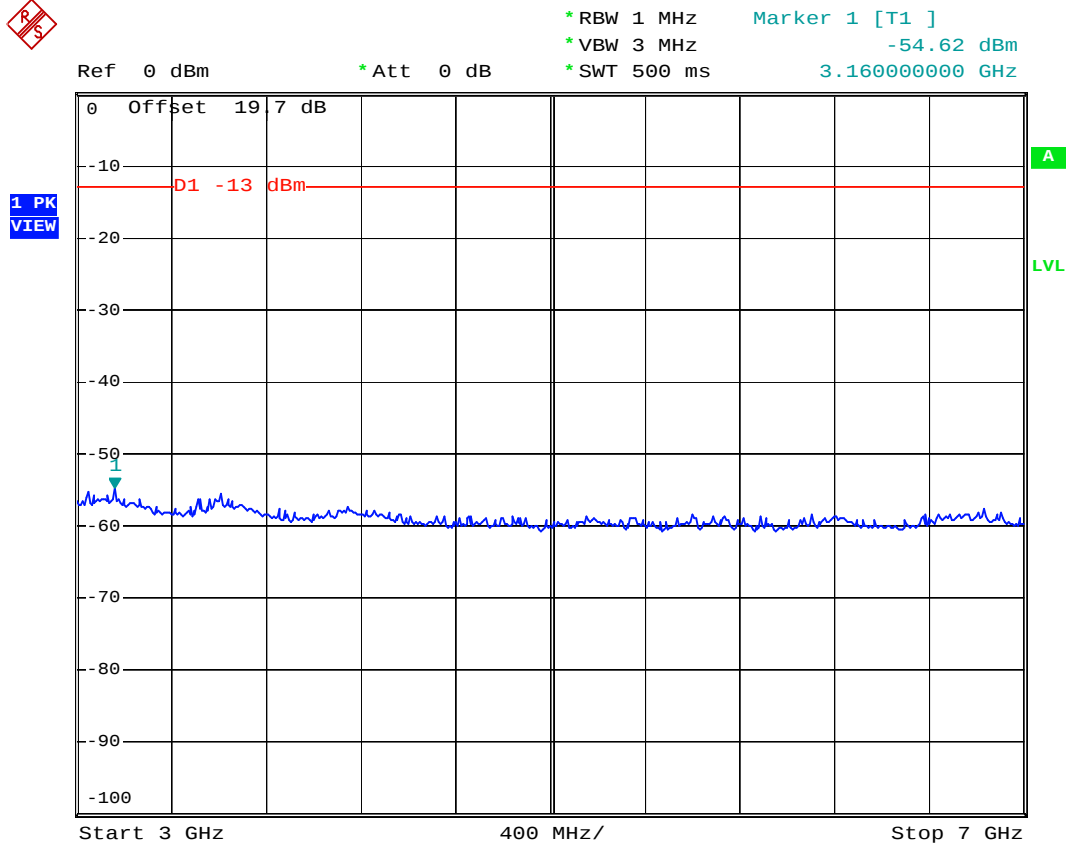
Date: 7.FEB.2007 05:28:29



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V CH4182
- Frequency Range : 3G-7G



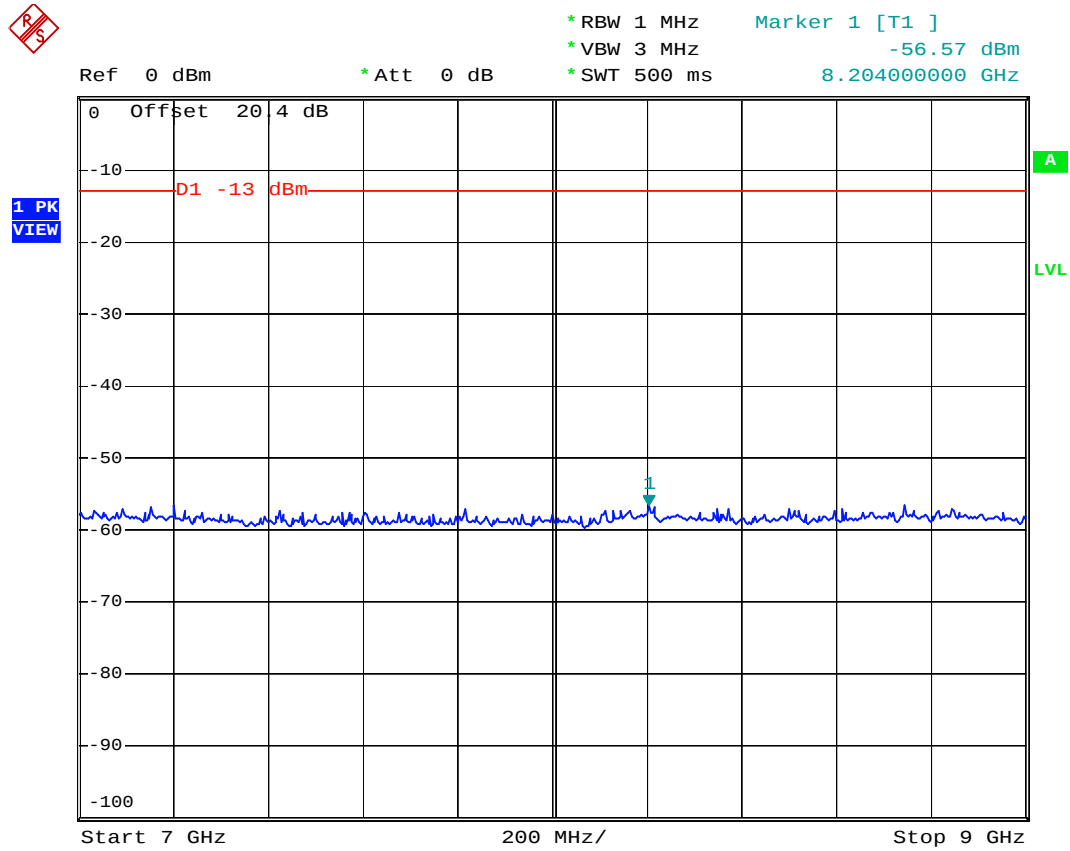
Date: 7.FEB.2007 05:29:42



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V CH4182
- Frequency Range : 7G-9G



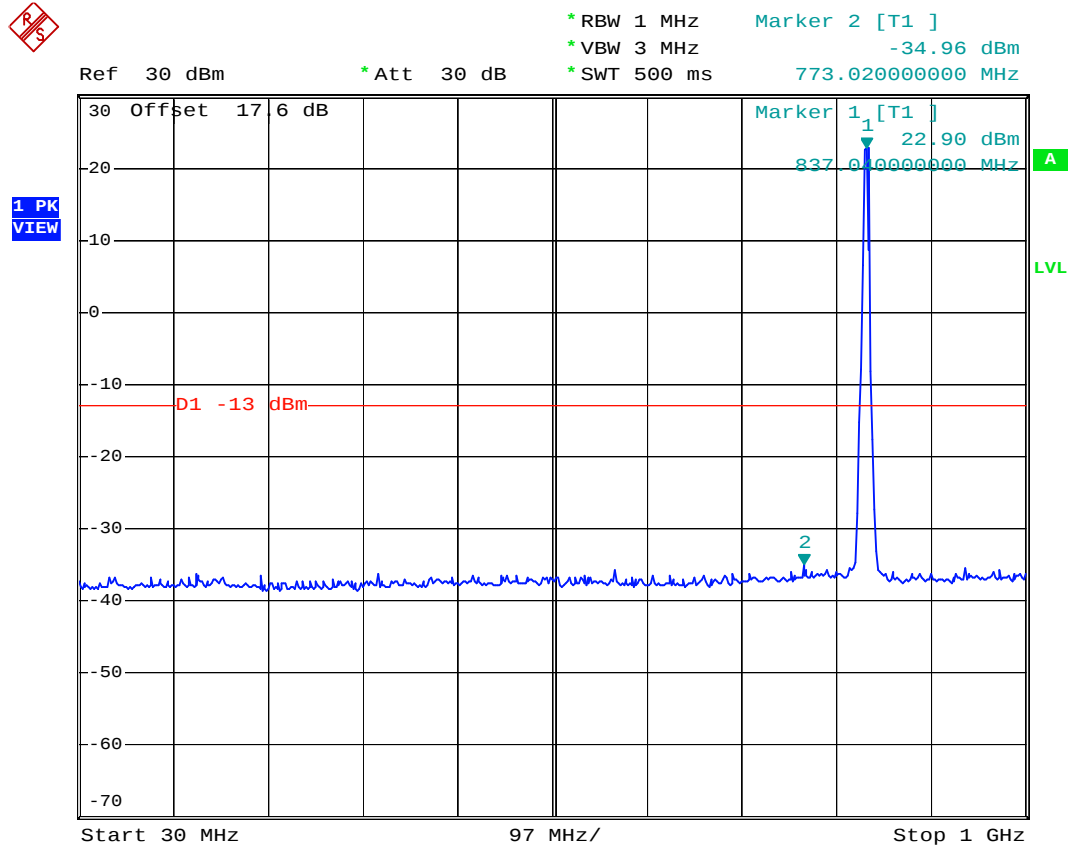
Date: 7.FEB.2007 05:32:33



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 6
- Test Mode : WCDMA Band V (HSDPA) CH4182
- Frequency Range : 30M-1G



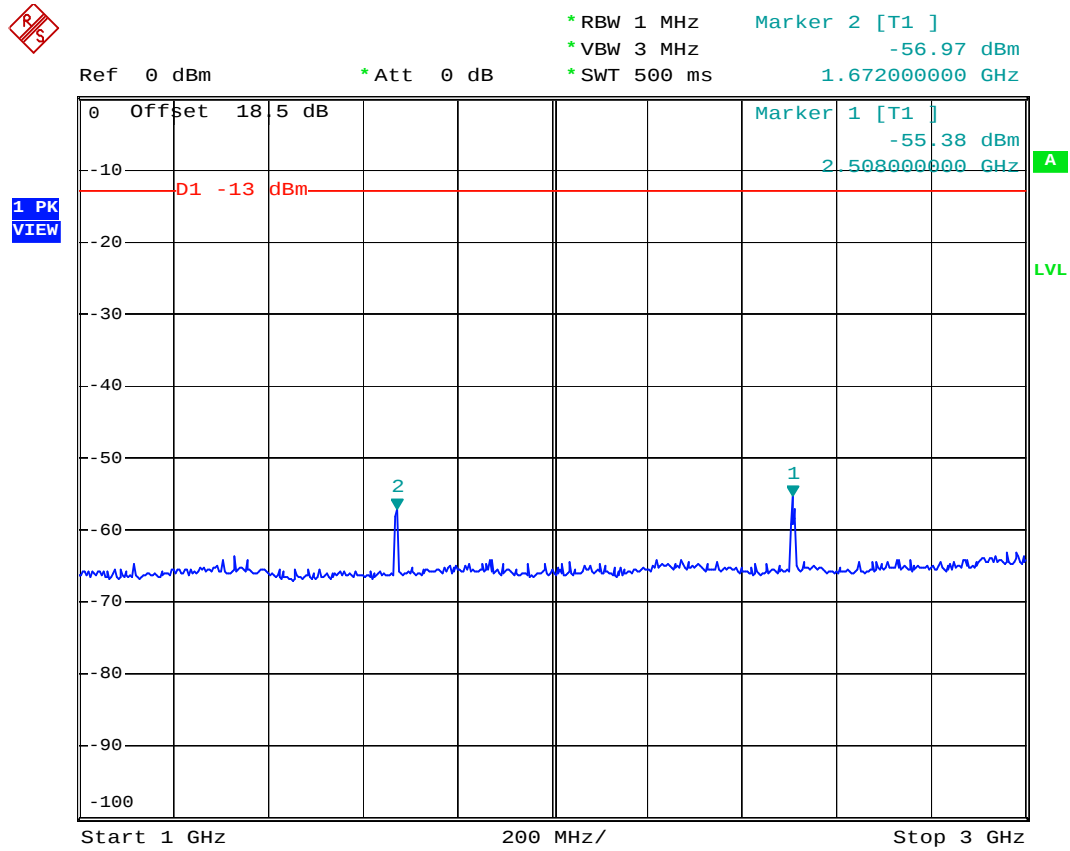
Date: 7.FEB.2007 05:26:01



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V (HSDPA) CH4182
- Frequency Range : 1G-3G



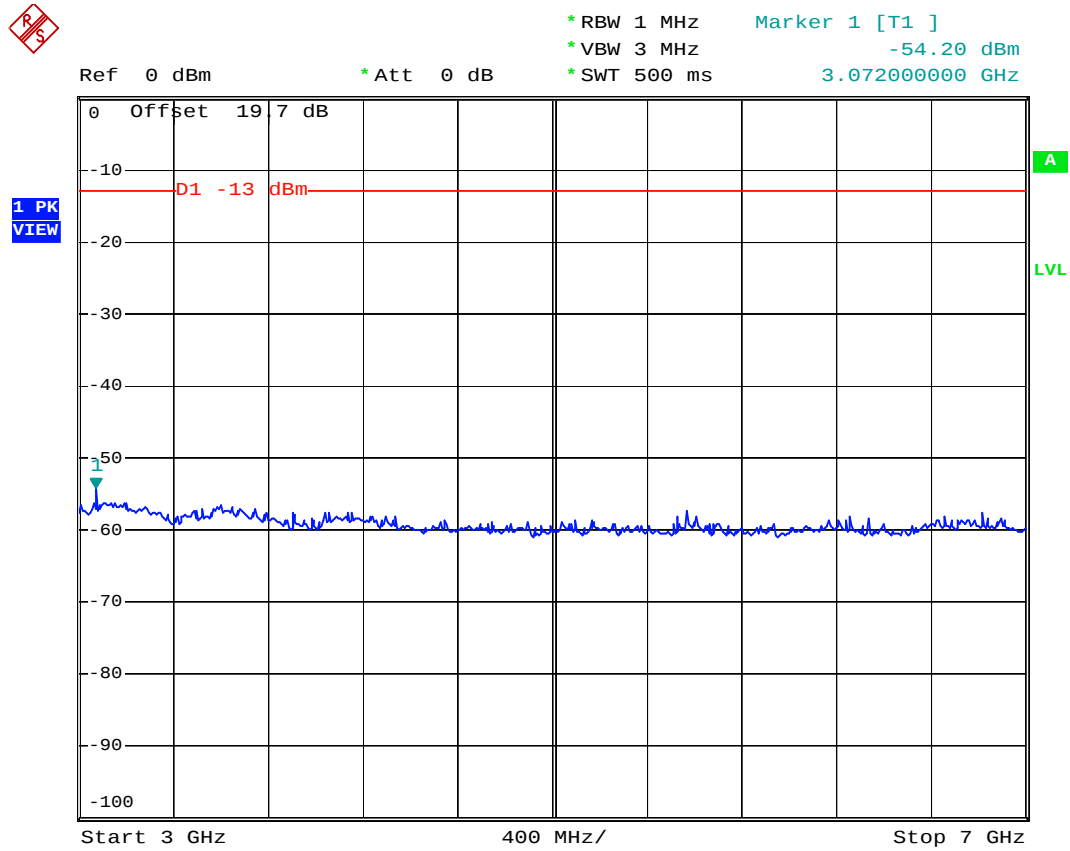
Date: 7.FEB.2007 05:27:52



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V (HSDPA) CH4182
- Frequency Range : 3G-7G



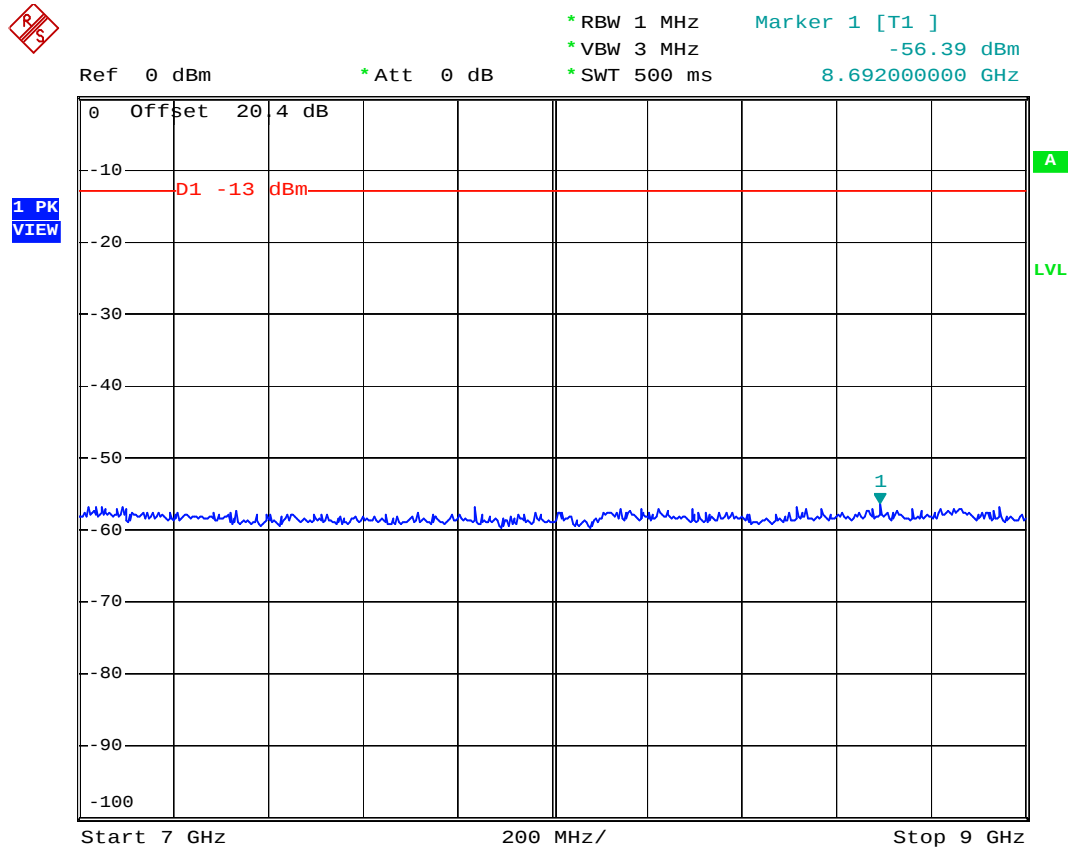
Date: 7.FEB.2007 05:30:42



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band V (HSDPA) CH4182
- Frequency Range : 7G-9G



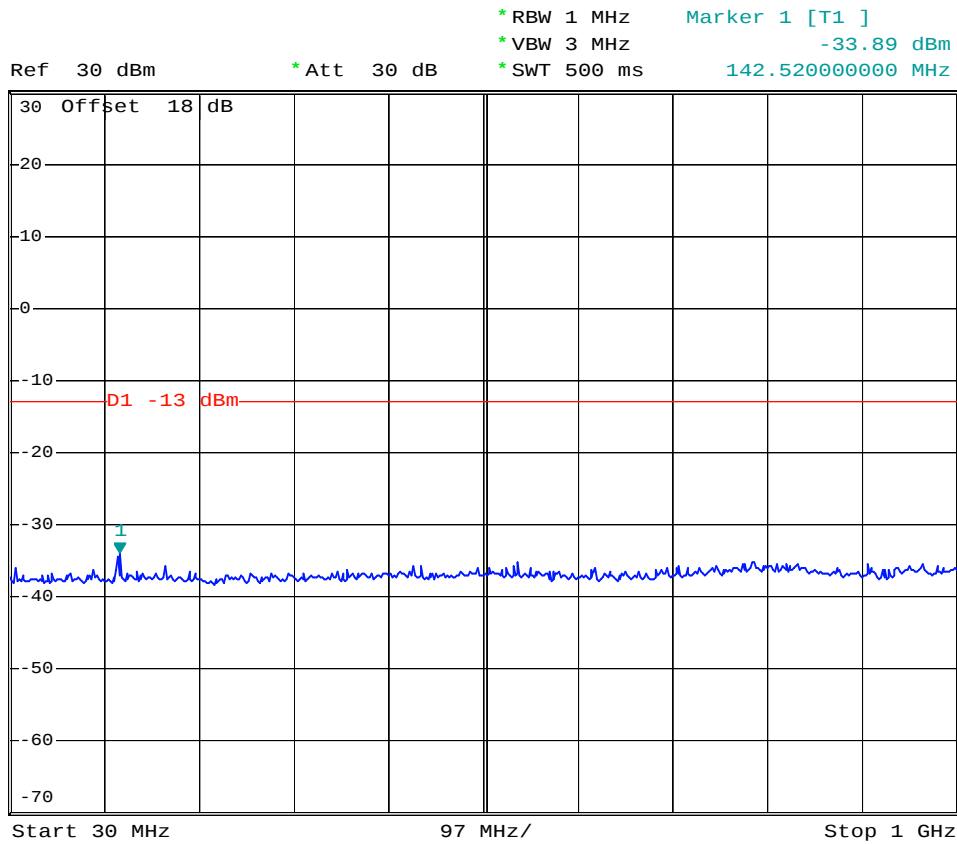
Date: 7.FEB.2007 05:33:39



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 7
- Test Mode : WCDMA Band II CH9400
- Frequency Range : 30M-1G



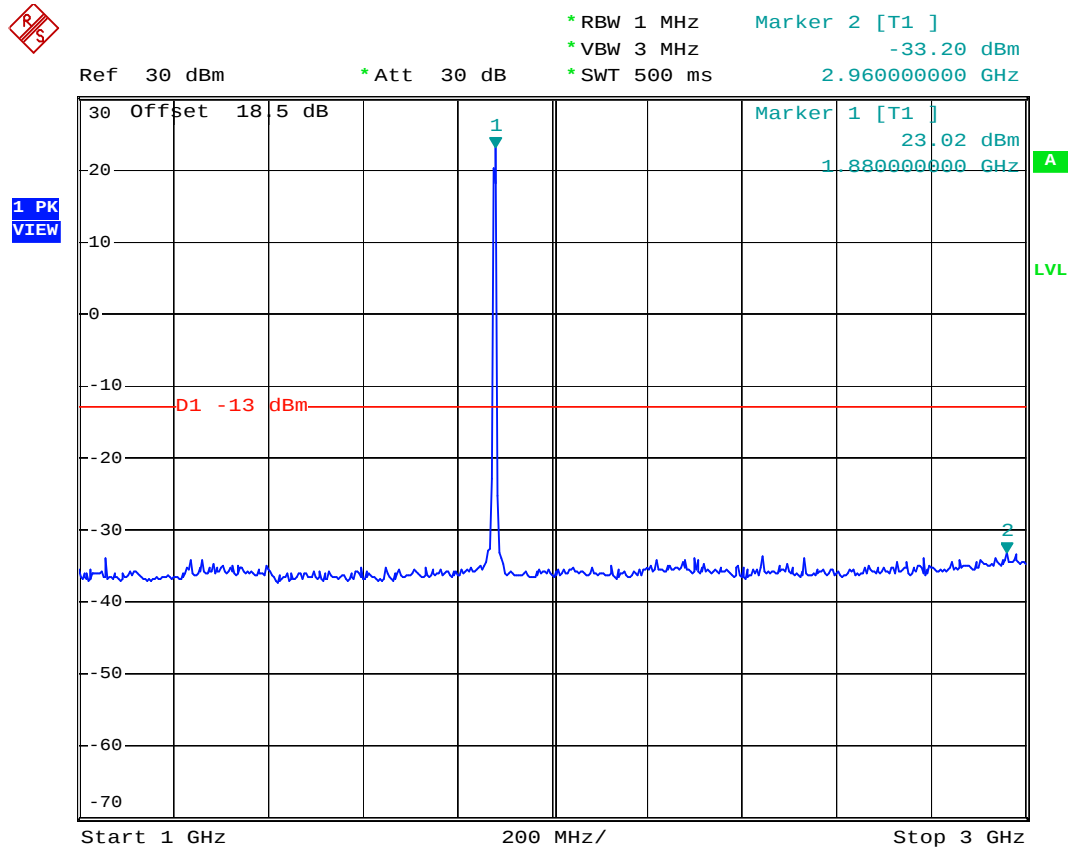
Date: 7.FEB.2007 05:08:50



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II CH9400
- Frequency Range : 1G-3G



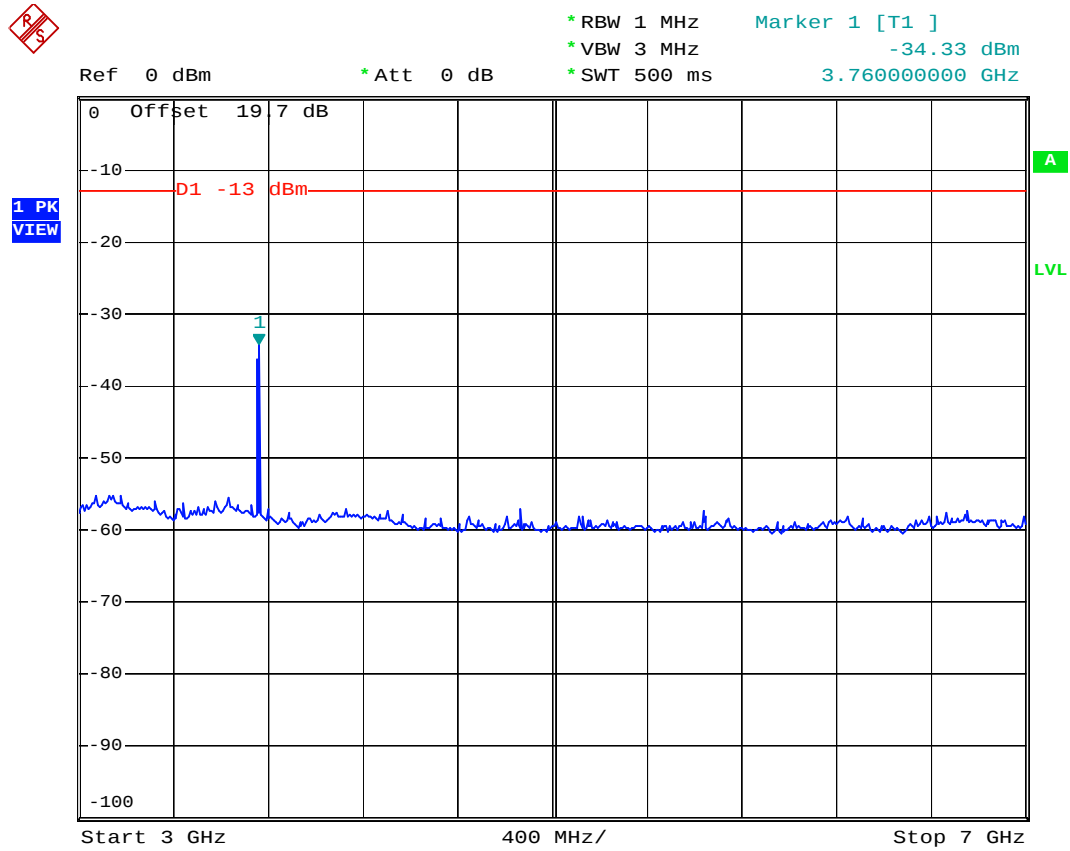
Date: 7.FEB.2007 05:12:34



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II CH9400
- Frequency Range : 3G-7G



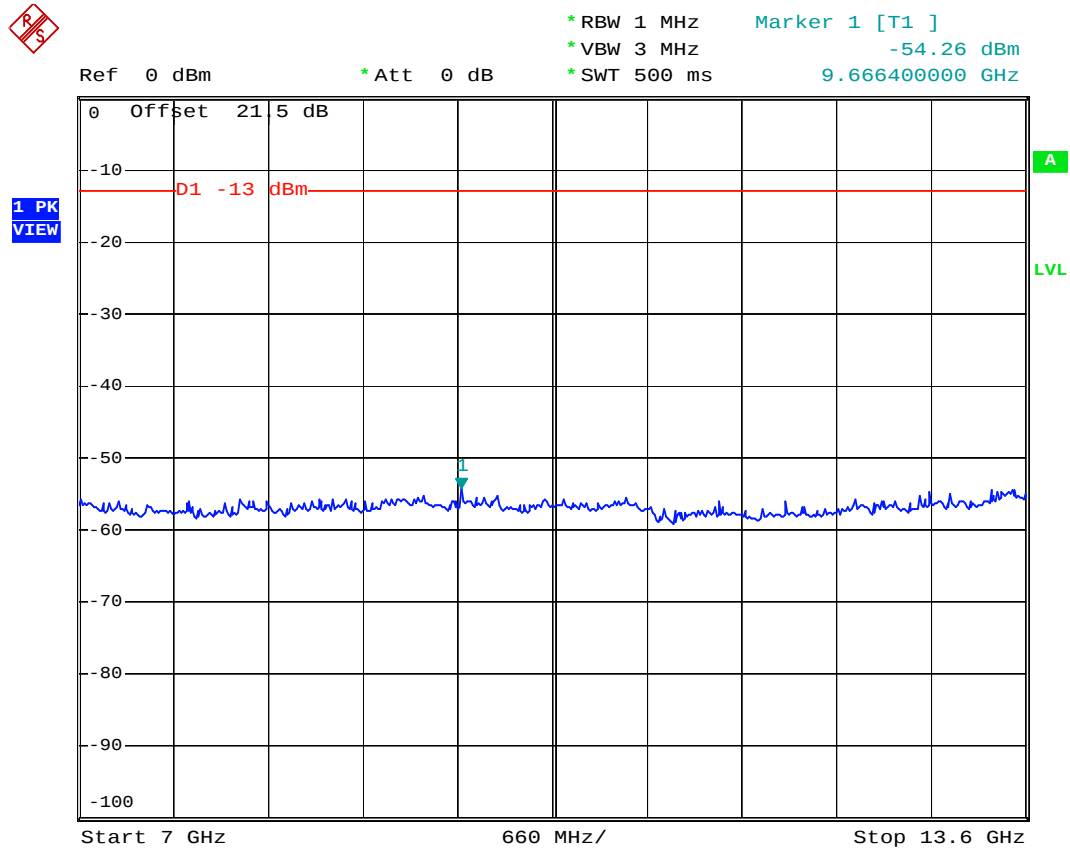
Date: 7.FEB.2007 05:14:01



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II CH9400
- Frequency Range : 7G-13.6G



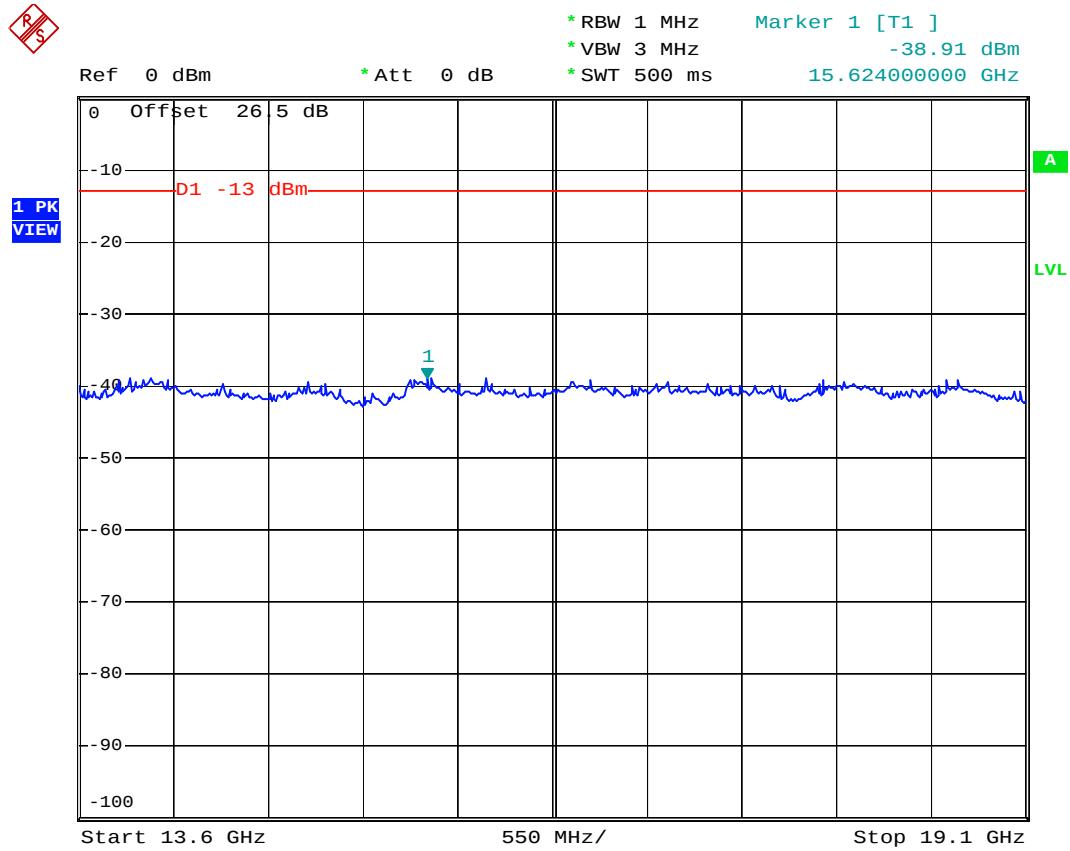
Date: 7.FEB.2007 05:17:21



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II CH9400
- Frequency Range : 13.6G-19.1G



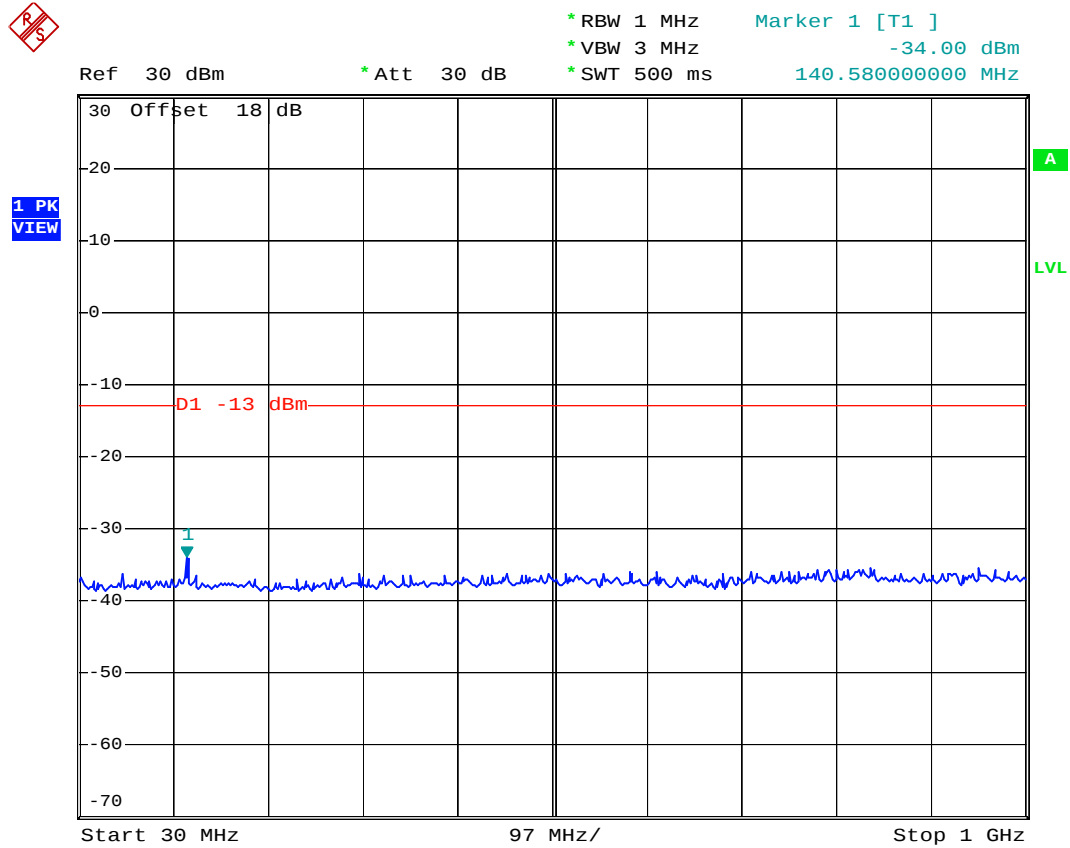
Date: 7.FEB.2007 05:18:55



FCC TEST REPORT

Report No. : FG632813-02A

- Mode 8
- Test Mode : WCDMA Band II (HSDPA) CH9400
- Frequency Range : 30M-1G



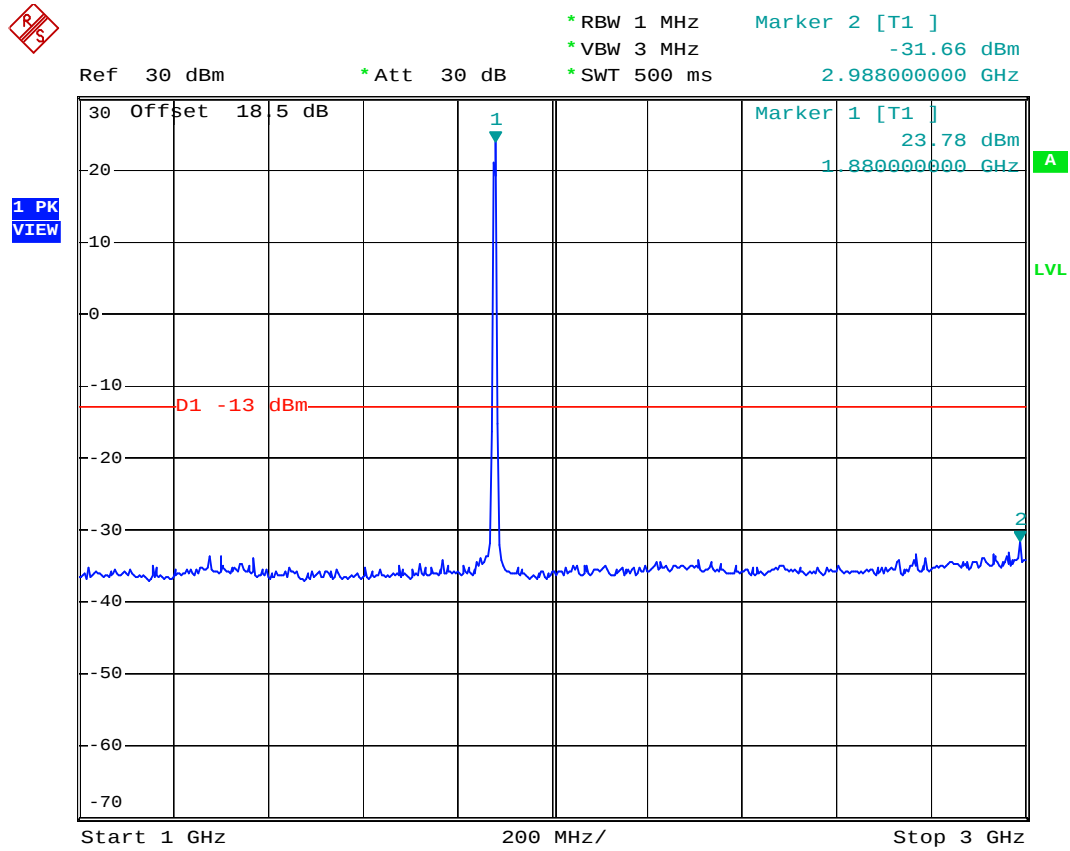
Date: 7.FEB.2007 05:09:25



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II (HSDPA) CH9400
- Frequency Range : 1G-3G



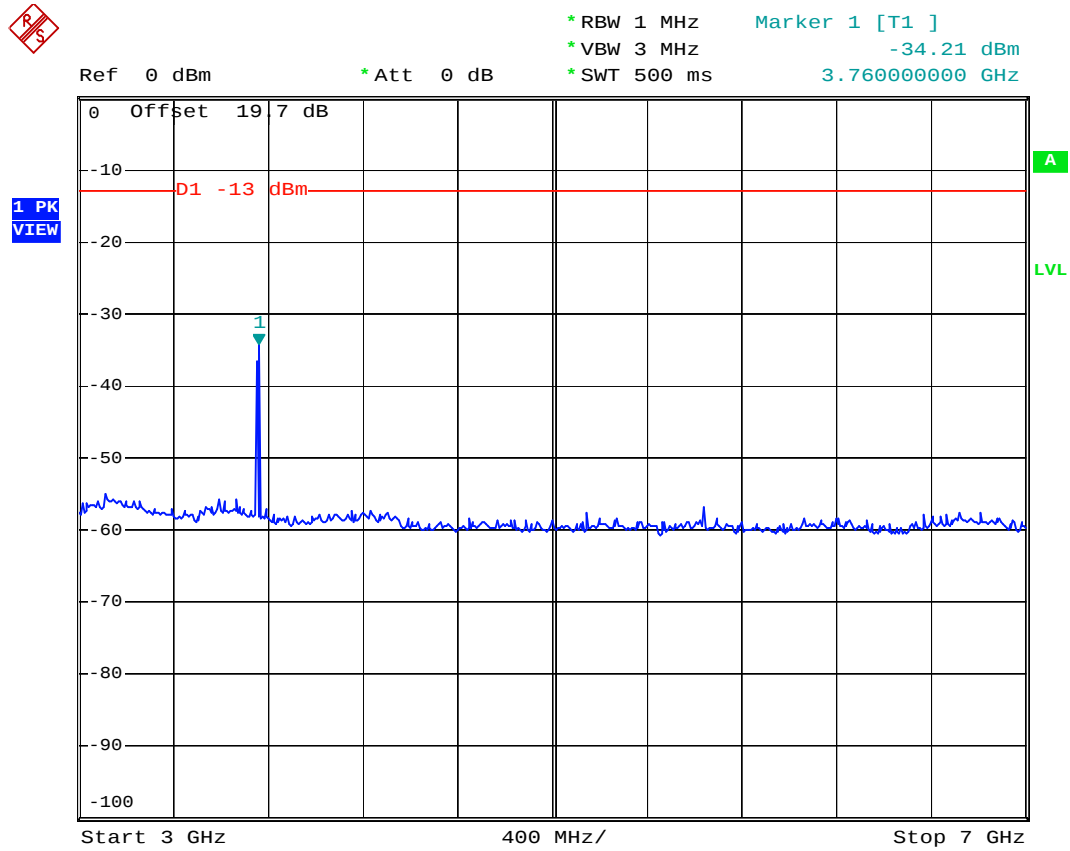
Date: 7.FEB.2007 05:10:54



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II (HSDPA) CH9400
- Frequency Range : 3G-7G



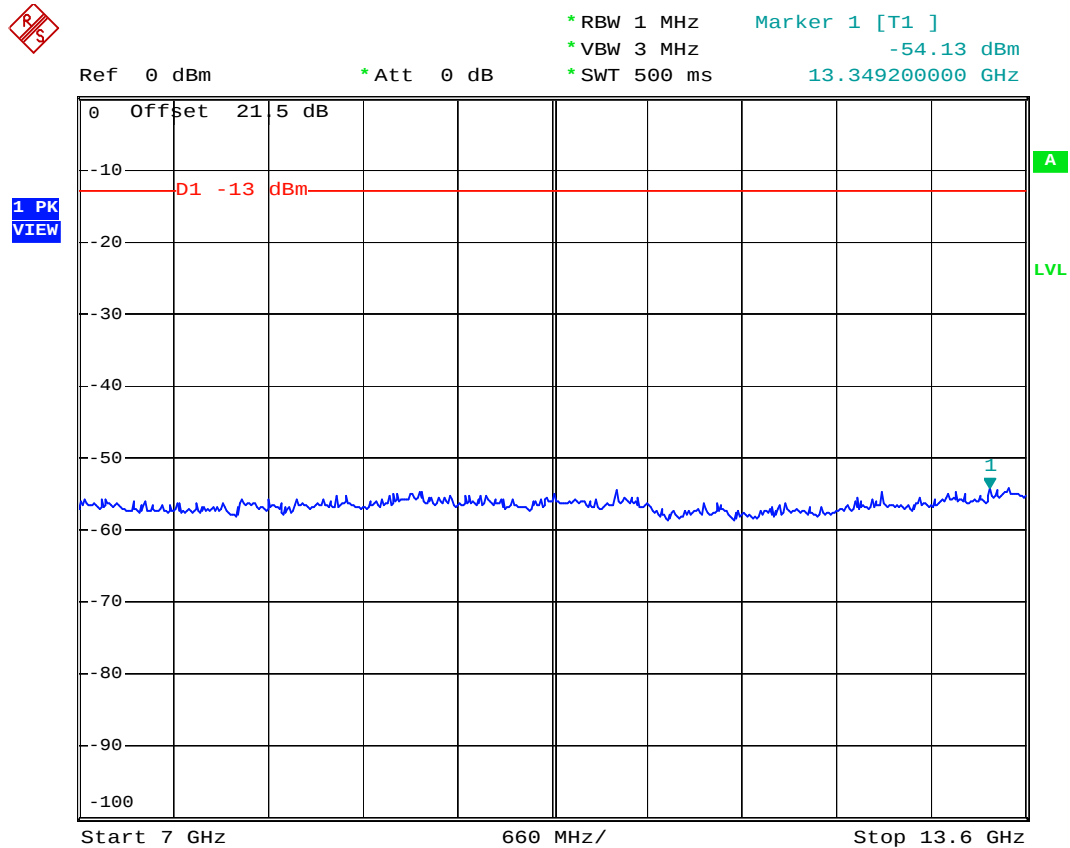
Date: 7.FEB.2007 05:14:38



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II (HSDPA) CH9400
- Frequency Range : 7G-13.6G



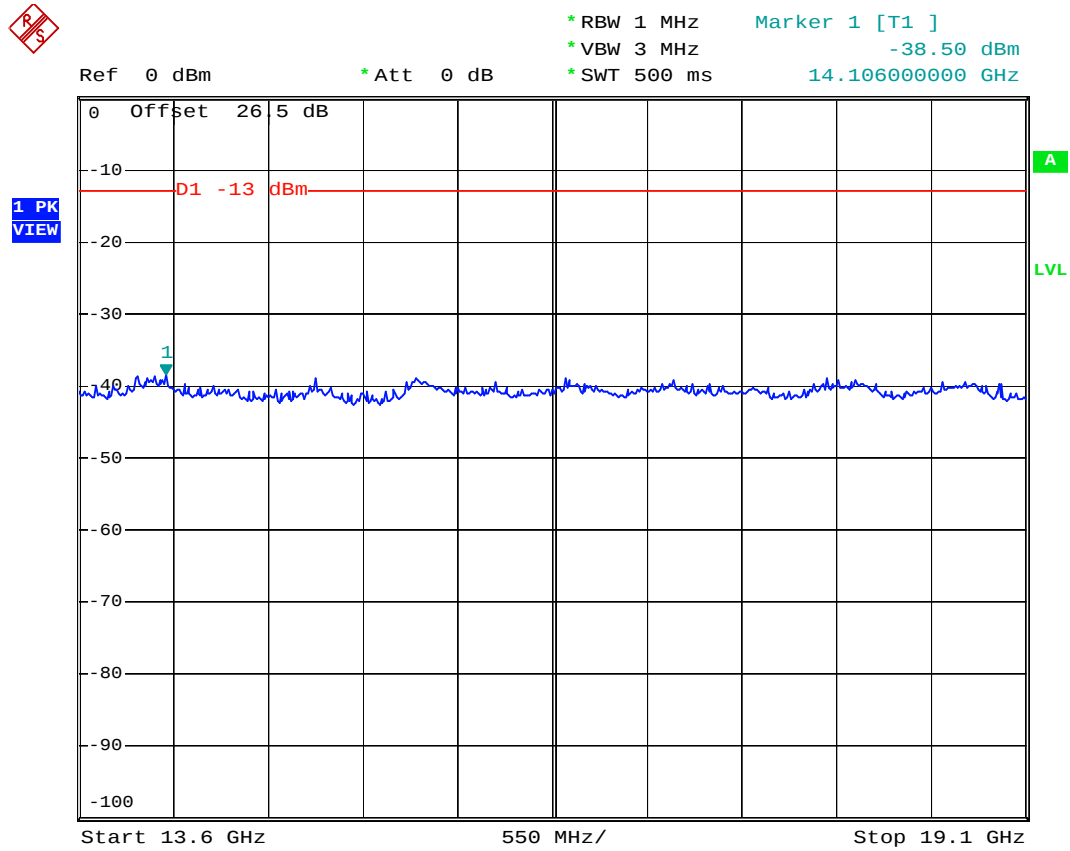
Date: 7.FEB.2007 05:16:28



FCC TEST REPORT

Report No. : FG632813-02A

- Test Mode : WCDMA Band II (HSDPA) CH9400
- Frequency Range : 13.6G-19.1G



Date: 7.FEB.2007 05:19:28

4.6 Field Strength of Spurious Radiation

Equivalent isotropic radiated Power Measurements by substitution method according to ANSI/TIA/EIA-603-C.

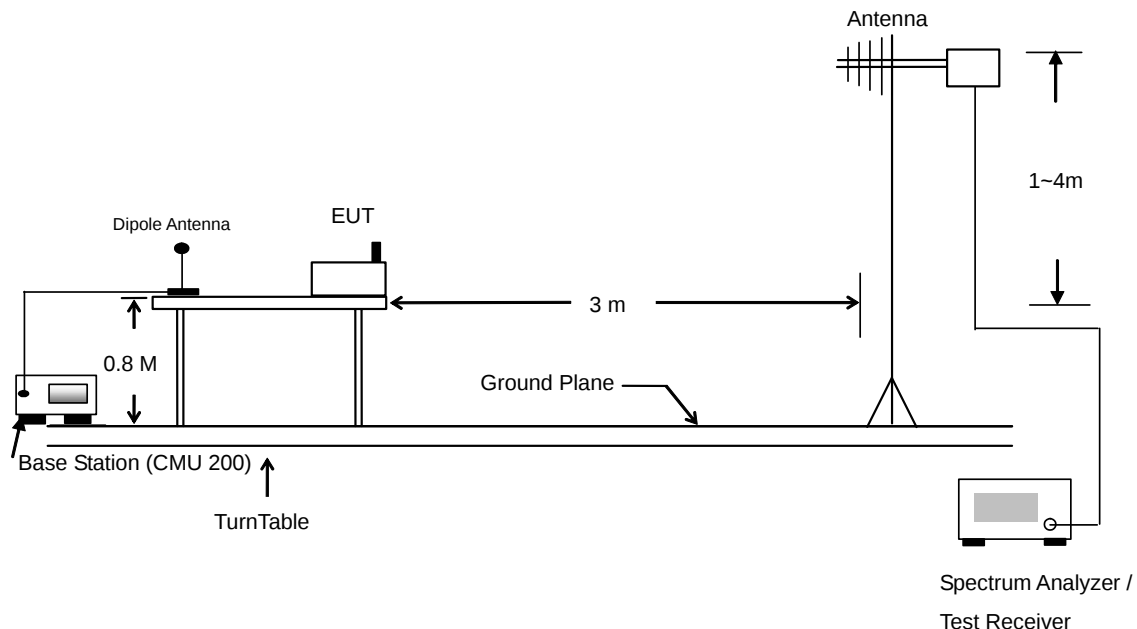
4.6.1 Measurement Instruments

As described in chapter 5 of this test report.

4.6.2 Test Procedure

1. The EUT was placed on a rotatable wooden table with 0.8 meter about ground.
2. The EUT was set 3 meters from the receiving antenna which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to reach the maximum spurious emission for both horizontal and vertical polarizations.
5. Taking the record of maximum spurious emission.
6. A Horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. Emission level (dBm) = output power + substitution Gain.

4.6.3 Test Setup Layout



4.6.4 Test Result

- Test Mode : Mode 1

GSM850 (GSM) Radiated Spurious ERP							
H Polarization				V Polarization			
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)
35.940	-56.320	-13	-43.32	80.490	-49.020	-13	-36.02
160.680	-55.970	-13	-42.97	162.030	-50.500	-13	-37.50
253.290	-48.970	-13	-35.97	253.290	-45.450	-13	-32.45
301.400	-51.690	-13	-38.69	540.800	-51.390	-13	-38.39
385.400	-51.610	-13	-38.61	948.900	-41.960	-13	-28.96
1334.000	-59.100	-13	-46.10	1334.000	-59.150	-13	-46.15
1674.000	-61.290	-13	-48.29	1664.000	-59.430	-13	-46.43
				1998.000	-60.330	-13	-47.33



- Test Mode : Mode 2

GSM850 (EDGE) Radiated Spurious ERP							
H Polarization				V Polarization			
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)
59.430	-60.210	-13	-47.21	61.590	-55.330	-13	-42.33
156.090	-61.310	-13	-48.31	152.040	-52.880	-13	-39.88
271.380	-52.560	-13	-39.56	271.380	-49.300	-13	-36.30
291.630	-53.400	-13	-40.40	374.900	-51.870	-13	-38.87
313.300	-54.500	-13	-41.50	533.800	-52.420	-13	-39.42
374.900	-53.590	-13	-40.59	665.400	-42.360	-13	-29.36
666.800	-50.080	-13	-37.08	957.300	-46.340	-13	-33.34
957.300	-51.370	-13	-38.37	1000.000	-49.030	-13	-36.03
1000.000	-50.870	-13	-37.87	1064.000	-52.930	-13	-39.93
1068.000	-49.830	-13	-36.83	1108.000	-54.590	-13	-41.59
1108.000	-52.150	-13	-39.15	1198.000	-54.240	-13	-41.24
1198.000	-51.890	-13	-38.89	1278.000	-56.030	-13	-43.03
1268.000	-56.710	-13	-43.71	1334.000	-46.110	-13	-33.11
1334.000	-49.690	-13	-36.69	1388.000	-55.960	-13	-42.96
1594.000	-58.270	-13	-45.27	1424.000	-58.570	-13	-45.57
1674.000	-55.090	-13	-42.09	1478.000	-58.840	-13	-45.84
1734.000	-59.110	-13	-46.11	1568.000	-57.290	-13	-44.29
1764.000	-59.840	-13	-46.84	1594.000	-55.300	-13	-42.30
2268.000	-59.140	-13	-46.14	1674.000	-49.750	-13	-36.75
2508.000	-53.420	-13	-40.42	1714.000	-57.320	-13	-44.32
2608.000	-58.880	-13	-45.88	1764.000	-57.260	-13	-44.26
				1998.000	-59.220	-13	-46.22
				2264.000	-56.110	-13	-43.11
				2508.000	-55.550	-13	-42.55



- Test Mode : Mode 3

PCS1900 (GSM) Radiated Spurious EIRP							
H Polarization				V Polarization			
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)
144.480	-56.150	-13	-43.15	149.340	-47.890	-13	-34.89
239.790	-54.230	-13	-41.23	238.440	-51.370	-13	-38.37
297.840	-55.160	-13	-42.16	299.190	-47.660	-13	-34.66
300.000	-54.700	-13	-41.70	300.000	-47.730	-13	-34.73
666.800	-57.410	-13	-44.41	598.900	-52.920	-13	-39.92
1000.000	-57.960	-13	-44.96	666.800	-47.800	-13	-34.80
1000.000	-51.120	-13	-38.12	1000.000	-55.470	-13	-42.47
1194.000	-56.460	-13	-43.46	1024.000	-53.710	-13	-40.71
1334.000	-54.720	-13	-41.72	1194.000	-55.960	-13	-42.96
5638.000	-45.800	-13	-32.80	1334.000	-53.890	-13	-40.89
				1354.000	-58.260	-13	-45.26
				1674.000	-56.660	-13	-43.66
				5638.000	-44.040	-13	-31.04



- Test Mode : Mode 4

PCS1900 (EDGE) Radiated Spurious EIRP							
H Polarization				V Polarization			
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)
60.240	-58.530	-13	-45.53	60.780	-52.740	-13	-39.74
165.540	-59.260	-13	-46.26	149.880	-50.470	-13	-37.47
271.380	-51.410	-13	-38.41	266.790	-48.780	-13	-35.78
291.630	-51.140	-13	-38.14	532.400	-50.930	-13	-37.93
314.700	-52.350	-13	-39.35	666.800	-41.380	-13	-28.38
374.900	-50.520	-13	-37.52	799.800	-50.610	-13	-37.61
532.400	-53.640	-13	-40.64	896.400	-49.370	-13	-36.37
665.400	-49.590	-13	-36.59	957.300	-45.410	-13	-32.41
957.300	-47.970	-13	-34.97	1000.000	-54.590	-13	-41.59
1000.000	-50.030	-13	-37.03	1058.000	-49.220	-13	-36.22
1064.000	-47.840	-13	-34.84	1114.000	-54.200	-13	-41.20
1108.000	-53.810	-13	-40.81	1198.000	-52.430	-13	-39.43
1198.000	-50.590	-13	-37.59	1278.000	-52.210	-13	-39.21
1278.000	-53.350	-13	-40.35	1334.000	-42.300	-13	-29.30
1334.000	-43.910	-13	-30.91	1388.000	-53.480	-13	-40.48
1388.000	-56.590	-13	-43.59	1424.000	-56.440	-13	-43.44
1598.000	-54.500	-13	-41.50	1444.000	-56.580	-13	-43.58
1734.000	-56.000	-13	-43.00	1478.000	-57.110	-13	-44.11
1764.000	-56.420	-13	-43.42	1564.000	-56.040	-13	-43.04
2264.000	-57.790	-13	-44.79	1598.000	-51.120	-13	-38.12
5638.000	-49.390	-13	-36.39	1618.000	-54.450	-13	-41.45
				1664.000	-56.530	-13	-43.53
				1708.000	-55.370	-13	-42.37
				1734.000	-56.430	-13	-43.43
				1764.000	-58.250	-13	-45.25



- Test Mode : Mode 5

WCDMA Band V Radiated Spurious ERP							
H Polarization				V Polarization			
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)
33.240	-59.670	-13	-46.67	60.240	-56.320	-13	-43.32
156.630	-62.040	-13	-49.04	149.880	-52.240	-13	-39.24
271.380	-51.350	-13	-38.35	271.380	-50.640	-13	-37.64
313.300	-53.200	-13	-40.20	532.400	-51.590	-13	-38.59
666.800	-51.180	-13	-38.18	666.800	-41.740	-13	-28.74
957.300	-51.160	-13	-38.16	957.300	-44.200	-13	-31.20
1000.000	-53.240	-13	-40.24	1000.000	-54.490	-13	-41.49
1068.000	-50.300	-13	-37.30	1068.000	-51.840	-13	-38.84
1108.000	-53.850	-13	-40.85	1108.000	-50.150	-13	-37.15
1198.000	-50.720	-13	-37.72	1198.000	-53.230	-13	-40.23
1278.000	-55.340	-13	-42.34	1268.000	-56.320	-13	-43.32
1334.000	-47.660	-13	-34.66	1334.000	-45.320	-13	-32.32
1388.000	-54.690	-13	-41.69	1388.000	-57.250	-13	-44.25
1568.000	-58.840	-13	-45.84	1444.000	-57.680	-13	-44.68
1604.000	-55.770	-13	-42.77	1568.000	-58.880	-13	-45.88
1714.000	-53.450	-13	-40.45	1598.000	-52.390	-13	-39.39
1764.000	-58.340	-13	-45.34	1664.000	-58.950	-13	-45.95
1818.000	-60.610	-13	-47.61	1708.000	-56.450	-13	-43.45
2264.000	-59.450	-13	-46.45	1998.000	-56.680	-13	-43.68
				2234.000	-58.570	-13	-45.57
				2288.000	-56.030	-13	-43.03
				2998.000	-56.750	-13	-43.75



- Test Mode : Mode 6

WCDMA Band V (HSDPA) Radiated Spurious ERP							
H Polarization				V Polarization			
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)
55.380	-57.260	-13	-44.26	61.590	-56.690	-13	-43.69
159.330	-61.760	-13	-48.76	147.990	-52.280	-13	-39.28
271.380	-51.180	-13	-38.18	262.740	-51.480	-13	-38.48
313.300	-53.390	-13	-40.39	374.900	-52.090	-13	-39.09
400.800	-53.800	-13	-40.80	532.400	-52.050	-13	-39.05
532.400	-55.270	-13	-42.27	666.800	-41.290	-13	-28.29
666.800	-48.930	-13	-35.93	957.300	-45.330	-13	-32.33
957.300	-50.580	-13	-37.58	1004.000	-56.790	-13	-43.79
1000.000	-52.270	-13	-39.27	1068.000	-50.250	-13	-37.25
1068.000	-48.780	-13	-35.78	1108.000	-54.040	-13	-41.04
1108.000	-51.310	-13	-38.31	1198.000	-52.210	-13	-39.21
1198.000	-52.110	-13	-39.11	1278.000	-55.730	-13	-42.73
1274.000	-55.860	-13	-42.86	1334.000	-46.180	-13	-33.18
1334.000	-47.470	-13	-34.47	1388.000	-53.280	-13	-40.28
1388.000	-58.720	-13	-45.72	1564.000	-58.900	-13	-45.90
1594.000	-58.230	-13	-45.23	1598.000	-53.330	-13	-40.33
1734.000	-59.600	-13	-46.60	1664.000	-56.470	-13	-43.47
2284.000	-59.000	-13	-46.00	1708.000	-57.770	-13	-44.77
				1764.000	-58.380	-13	-45.38
				1998.000	-58.900	-13	-45.90
				2268.000	-56.220	-13	-43.22



- Test Mode : Mode 7

WCDMA Band II Radiated Spurious EIRP							
H Polarization				V Polarization			
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)
30.000	-47.760	-13	-34.76	61.590	-54.810	-13	-41.81
34.590	-51.150	-13	-38.15	149.880	-50.560	-13	-37.56
53.490	-65.960	-13	-52.96	271.380	-48.980	-13	-35.98
60.240	-58.160	-13	-45.16	374.900	-49.880	-13	-36.88
160.680	-58.980	-13	-45.98	532.400	-50.980	-13	-37.98
270.840	-49.450	-13	-36.45	666.800	-42.310	-13	-29.31
313.300	-52.110	-13	-39.11	721.400	-48.330	-13	-35.33
400.800	-51.820	-13	-38.82	901.300	-46.540	-13	-33.54
533.800	-53.650	-13	-40.65	957.300	-41.460	-13	-28.46
666.800	-48.050	-13	-35.05	1064.000	-45.110	-13	-32.11
901.300	-50.120	-13	-37.12	1108.000	-47.460	-13	-34.46
957.300	-47.180	-13	-34.18	1194.000	-49.830	-13	-36.83
1064.000	-44.790	-13	-31.79	1278.000	-52.200	-13	-39.20
1194.000	-48.970	-13	-35.97	1334.000	-40.670	-13	-27.67
1278.000	-52.900	-13	-39.90	1388.000	-52.610	-13	-39.61
1334.000	-41.660	-13	-28.66	1444.000	-54.650	-13	-41.65
1388.000	-55.840	-13	-42.84	1564.000	-48.830	-13	-35.83
1564.000	-54.090	-13	-41.09	1604.000	-51.100	-13	-38.10
1598.000	-54.620	-13	-41.62	1708.000	-52.940	-13	-39.94
1708.000	-53.660	-13	-40.66	2234.000	-51.300	-13	-38.30
1734.000	-55.070	-13	-42.07	2378.000	-55.440	-13	-42.44
1768.000	-55.880	-13	-42.88	2434.000	-56.010	-13	-43.01
2288.000	-56.990	-13	-43.99	3764.000	-48.460	-13	-35.46
3764.000	-49.820	-13	-36.82				



- Test Mode : Mode 8

WCDMA Band II (HSDPA) Radiated Spurious EIRP							
H Polarization				V Polarization			
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)
60.240	-59.060	-13	-46.06	60.780	-54.060	-13	-41.06
153.390	-59.380	-13	-46.38	148.530	-50.870	-13	-37.87
238.980	-61.750	-13	-48.75	271.380	-49.180	-13	-36.18
270.840	-49.500	-13	-36.50	311.900	-53.780	-13	-40.78
318.900	-52.270	-13	-39.27	374.900	-49.260	-13	-36.26
374.900	-51.810	-13	-38.81	430.900	-53.650	-13	-40.65
400.800	-51.800	-13	-38.80	532.400	-50.670	-13	-37.67
532.400	-54.440	-13	-41.44	665.400	-39.810	-13	-26.81
666.800	-47.780	-13	-34.78	721.400	-51.070	-13	-38.07
812.400	-51.670	-13	-38.67	799.800	-48.910	-13	-35.91
901.300	-51.730	-13	-38.73	903.400	-47.620	-13	-34.62
957.300	-48.720	-13	-35.72	957.300	-44.030	-13	-31.03
1064.000	-45.220	-13	-32.22	1068.000	-47.310	-13	-34.31
1194.000	-48.790	-13	-35.79	1108.000	-50.100	-13	-37.10
1278.000	-53.020	-13	-40.02	1194.000	-49.580	-13	-36.58
1334.000	-41.300	-13	-28.30	1278.000	-50.950	-13	-37.95
1564.000	-53.600	-13	-40.60	1334.000	-42.220	-13	-29.22
1664.000	-55.410	-13	-42.41	1564.000	-50.470	-13	-37.47
1764.000	-54.420	-13	-41.42	1664.000	-53.690	-13	-40.69
3764.000	-48.730	-13	-35.73	1714.000	-53.930	-13	-40.93
				2234.000	-53.220	-13	-40.22
				2288.000	-49.520	-13	-36.52
				3764.000	-49.030	-13	-36.03



- Test Mode : Mode 9

GSM850 (GSM) with BT Co-location Radiated Spurious ERP							
H Polarization				V Polarization			
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)
79.680	-61.830	-13	-48.83	79.680	-55.760	-13	-42.76
163.380	-63.130	-13	-50.13	162.030	-54.310	-13	-41.31
272.730	-61.110	-13	-48.11	271.380	-56.860	-13	-43.86
315.400	-58.500	-13	-45.50	700.400	-49.470	-13	-36.47
1000.000	-52.640	-13	-39.64	1000.000	-46.620	-13	-33.62
1054.000	-50.780	-13	-37.78	1024.000	-54.800	-13	-41.80
1084.000	-52.950	-13	-39.95	1048.000	-51.460	-13	-38.46
1254.000	-55.480	-13	-42.48	1084.000	-55.670	-13	-42.67
1334.000	-57.380	-13	-44.38	1164.000	-54.710	-13	-41.71
1674.000	-57.600	-13	-44.60	1248.000	-57.350	-13	-44.35
2508.000	-51.570	-13	-38.57	1334.000	-52.310	-13	-39.31
4804.000	-45.360	-13	-32.36	1674.000	-53.130	-13	-40.13
				2508.000	-48.960	-13	-35.96
				4868.000	-40.260	-13	-27.26



4.6.5 Test Data

4.6.5.1 Mode 1

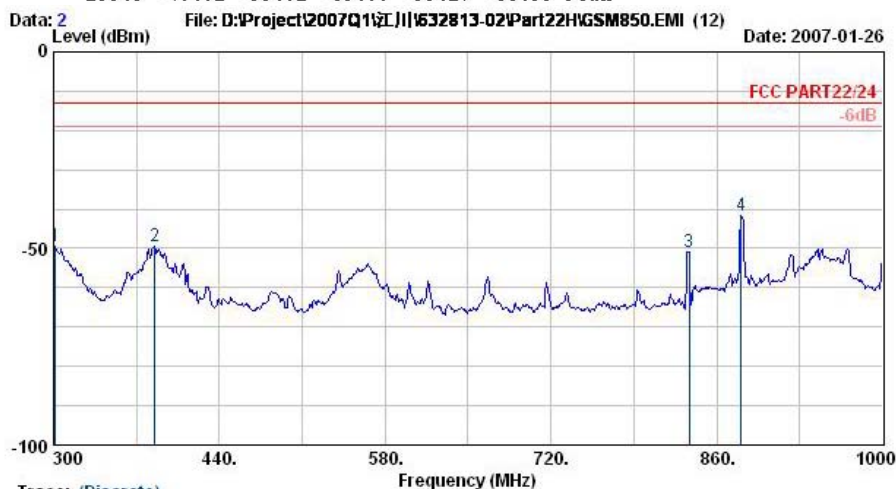
Horizontal Polarization



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1	35.9	-54.17	-41.17	-13.00	-50.88	-3.29	Peak
2	160.7	-53.82	-40.82	-13.00	-40.88	-12.94	Peak
3 @	253.3	-46.82	-33.82	-13.00	-35.27	-11.55	Peak



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : GSM 850 Link+Adaptor

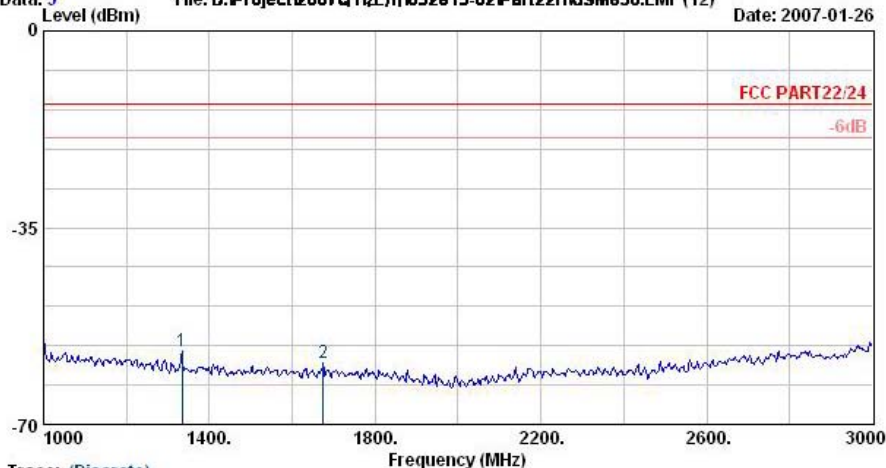
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1	301.4	-49.54	-36.54	-13.00	-39.66	-9.88	Peak
2	385.4	-49.46	-36.46	-13.00	-42.45	-7.00	Peak
3	836.9	-50.84			-49.50	-1.33	Peak
4 @	880.3	-41.49			-40.57	-0.91	Peak

Remark:

- #3: MS Signal
- #4: BS Signal



Data: 3 File: D:\Project\2007Q1\江川\632813-02\Part22H\GSM850.EMI (12) Date: 2007-01-26



Trace: (Discrete)

Site : 08CH06-HY

Condition : HF-SPURIOUS HORIZONTAL

EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT

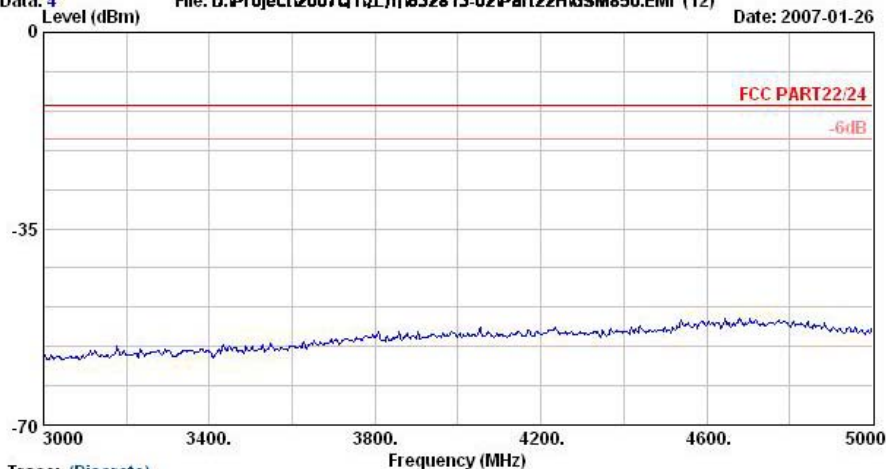
Power : 120Vac/60Hz

Model : FG632813-02

Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	dB	dBm	dBm	dB	Remark
1	1334.0	-56.95	-43.95	-13.00	-57.91	0.96	Peak
2	1674.0	-59.14	-46.14	-13.00	-59.36	0.22	Peak

Data: 4 File: D:\Project\2007Q1\江川\632813-02\Part22H\GSM850.EMI (12) Date: 2007-01-26



Trace: (Discrete)

Site : 08CH06-HY

Condition : HF-SPURIOUS HORIZONTAL

EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT

Power : 120Vac/60Hz

Model : FG632813-02

Mode : GSM 850 Link+Adaptor



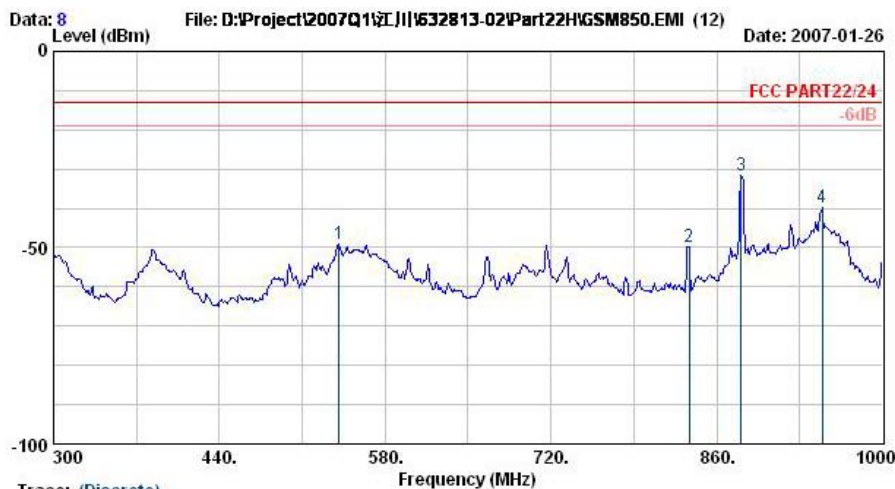
Vertical Polarization



Trace: (Discrete)

Site : 08CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11abg and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1	80.5	-46.87	-33.87	-13.00	-36.38	-10.49	Peak
2	162.0	-48.35	-35.35	-13.00	-40.10	-8.25	Peak
3 @	253.3	-43.30	-30.30	-13.00	-35.85	-7.45	Peak



Trace: (Discrete)

Site : 08CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11abg and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1	540.8	-49.24	-36.24	-13.00	-46.60	-2.64	Peak
2	836.9	-49.72			-51.08	1.36	Peak
3 @	880.3	-31.61			-33.32	1.71	Peak
4 @	948.9	-39.81	-26.81	-13.00	-42.06	2.25	Peak

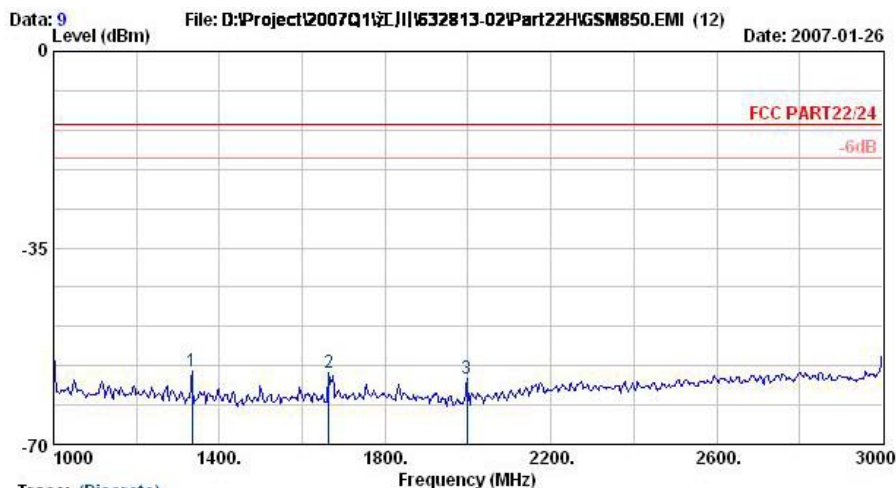
Remark:

- #2: MS Signal
- #3: BS Signal



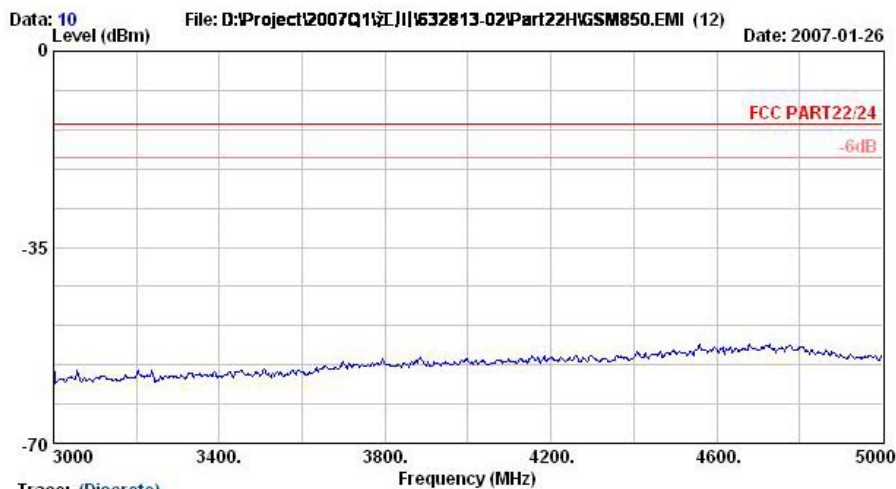
FCC TEST REPORT

Report No. : FG632813-02A



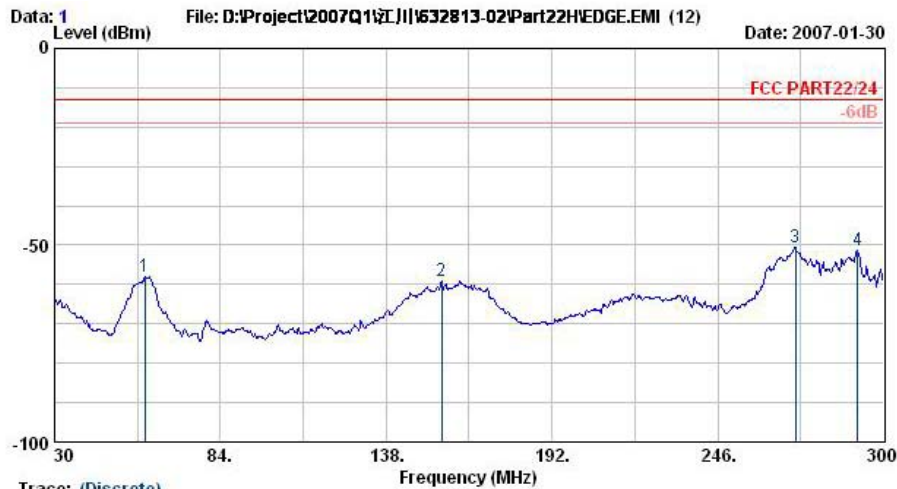
Trace: (Discrete)
Site : 08CH06-HY
Condition : HP-SFURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1	1334.0	-57.00	-44.00	-13.00	-56.20	-0.80 Peak
2	1664.0	-57.28	-44.28	-13.00	-56.80	-0.48 Peak
3	1998.0	-58.18	-45.18	-13.00	-57.48	-0.69 Peak



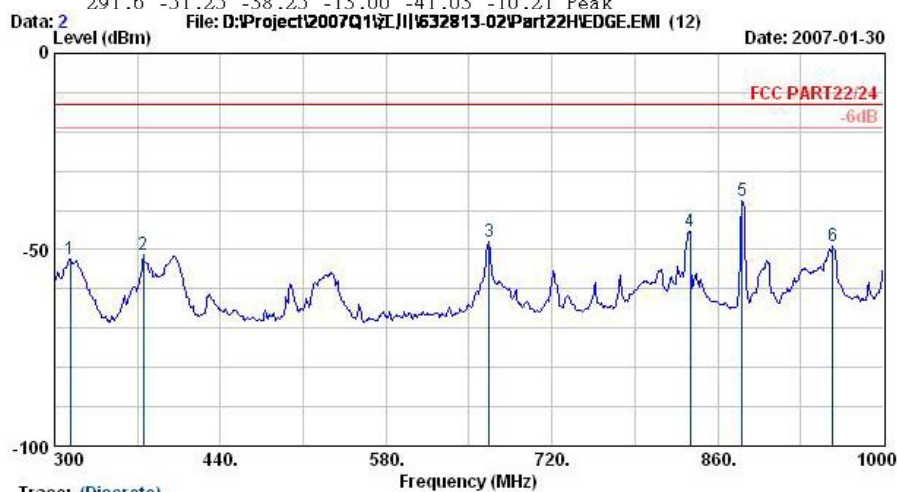
Trace: (Discrete)
Site : 08CH06-HY
Condition : HP-SFURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : GSM 850 Link+Adaptor

Remark : There is no more obvious emission except the listings above.

4.6.5.2 Mode 2
Horizontal Polarization

Site : 08CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	59.4	-58.06	-45.06	-13.00	-45.67	-12.40	Peak
2	156.1	-59.16	-46.16	-13.00	-46.27	-12.89	Peak
3 @	271.4	-50.41	-37.41	-13.00	-39.50	-10.91	Peak
4	291.6	-51.25	-38.25	-13.00	-41.03	-10.21	Peak



Site : 08CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : EDGE Link+Adaptor

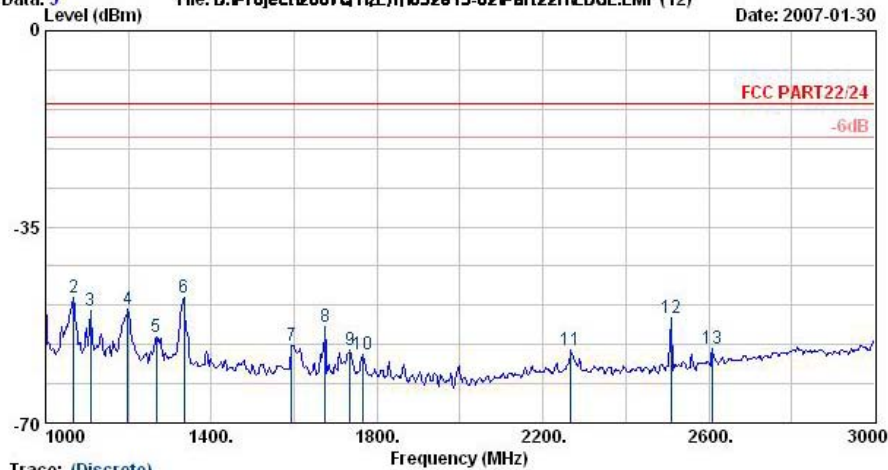
	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	313.3	-52.35	-39.35	-13.00	-42.87	-9.48	Peak
2	374.9	-51.44	-38.44	-13.00	-44.10	-7.34	Peak
3 @	666.8	-47.93	-34.93	-13.00	-44.87	-3.06	Peak
4 @	836.9	-45.41			-44.08	-1.33	Peak
5 @	880.3	-37.61			-36.70	-0.91	Peak
6 @	957.3	-49.22	-36.22	-13.00	-49.04	-0.17	Peak

Remark:

- #4: MS Signal
- #5: BS Signal



Data: 3 File: D:\Project\2007Q1\江川\632813-02\Part22H\EDGE.EMI (12) Date: 2007-01-30

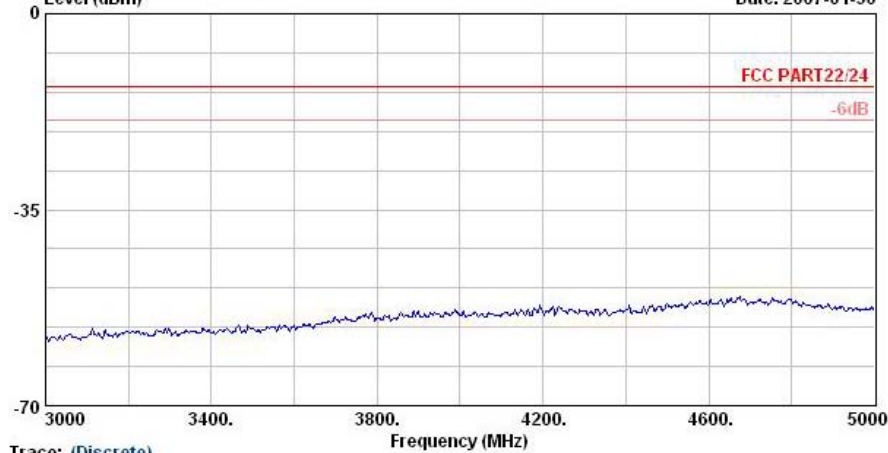


Trace: (Discrete)

Site : 08CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1000.0	-48.72	-35.72	-13.00	-50.53	1.80	Peak
2 @	1068.0	-47.68	-34.68	-13.00	-49.32	1.64	Peak
3 @	1108.0	-50.00	-37.00	-13.00	-51.61	1.61	Peak
4 @	1198.0	-49.74	-36.74	-13.00	-51.11	1.37	Peak
5	1268.0	-54.56	-41.56	-13.00	-55.65	1.09	Peak
6 @	1334.0	-47.54	-34.54	-13.00	-48.50	0.96	Peak
7	1594.0	-56.12	-43.12	-13.00	-56.49	0.37	Peak
8	1674.0	-52.94	-39.94	-13.00	-53.16	0.22	Peak
9	1734.0	-56.96	-43.96	-13.00	-56.98	0.02	Peak
10	1764.0	-57.69	-44.69	-13.00	-57.62	-0.07	Peak
11	2268.0	-56.99	-43.99	-13.00	-57.78	0.80	Peak
12	2508.0	-51.27	-38.27	-13.00	-52.47	1.20	Peak
13	2608.0	-56.73	-43.73	-13.00	-58.57	1.84	Peak

Data: 4 File: D:\Project\2007Q1\江川\632813-02\Part22H\EDGE.EMI (12) Date: 2007-01-30



Trace: (Discrete)

Site : 08CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : EDGE Link+Adaptor

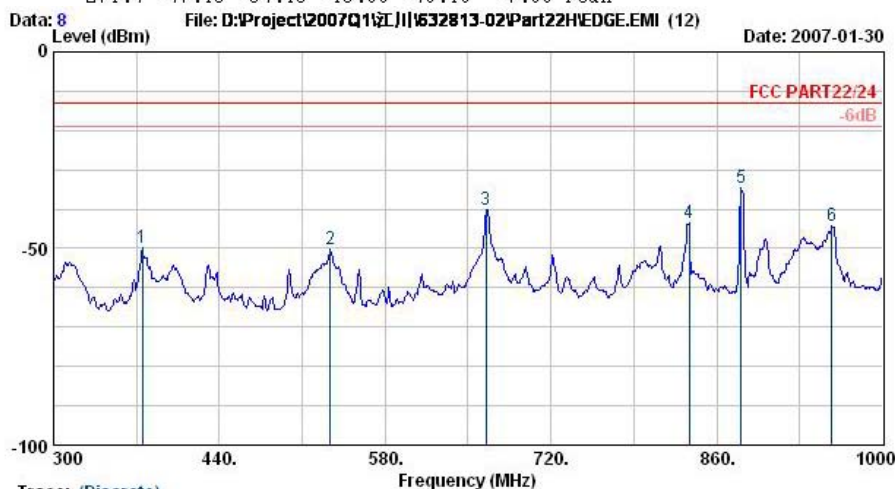


Vertical Polarization



Trace: (Discrete)
Site : 03CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : EDGE Linkt Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1	61.6	-53.18	-40.18	-13.00	-40.03	-13.14 Peak
2	152.0	-50.73	-37.73	-13.00	-42.57	-8.16 Peak
3 @	271.4	-47.15	-34.15	-13.00	-40.10	-7.06 Peak



Trace: (Discrete)
Site : 03CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : EDGE Linkt Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	374.9	-49.72	-36.72	-13.00	-44.87	-4.85 Peak
2 @	533.8	-50.27	-37.27	-13.00	-47.54	-2.73 Peak
3 @	665.4	-40.21	-27.21	-13.00	-39.26	-0.95 Peak
4 @	836.9	-43.67			-45.03	1.36 Peak
5 @	880.3	-34.69			-36.40	1.71 Peak
6 @	957.3	-44.19	-31.19	-13.00	-46.51	2.32 Peak

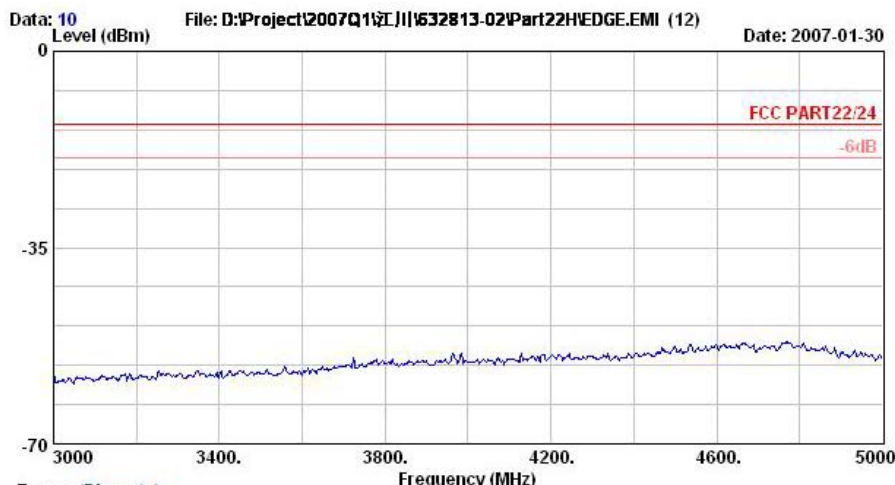
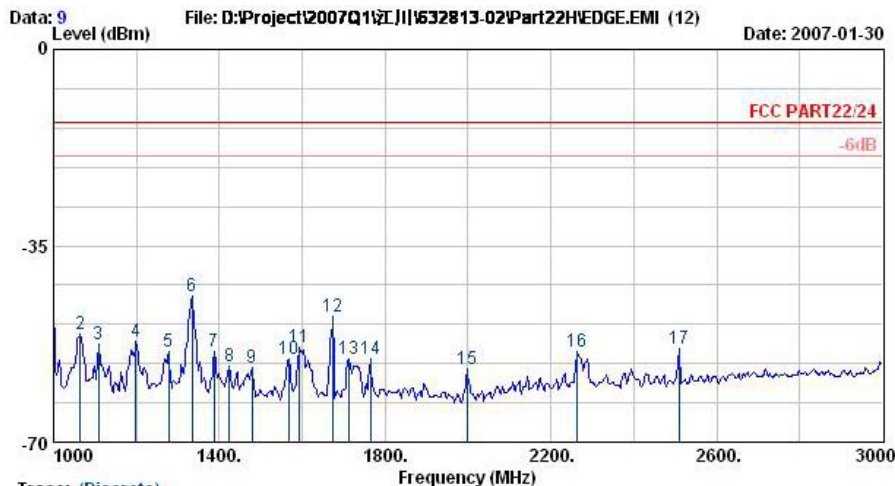
Remark:

1. #4: MS Signal
2. #5: BS Signal



FCC TEST REPORT

Report No. : FG632813-02A



Remark : There is no more obvious emission except the listings above.



4.6.5.3 Mode 3

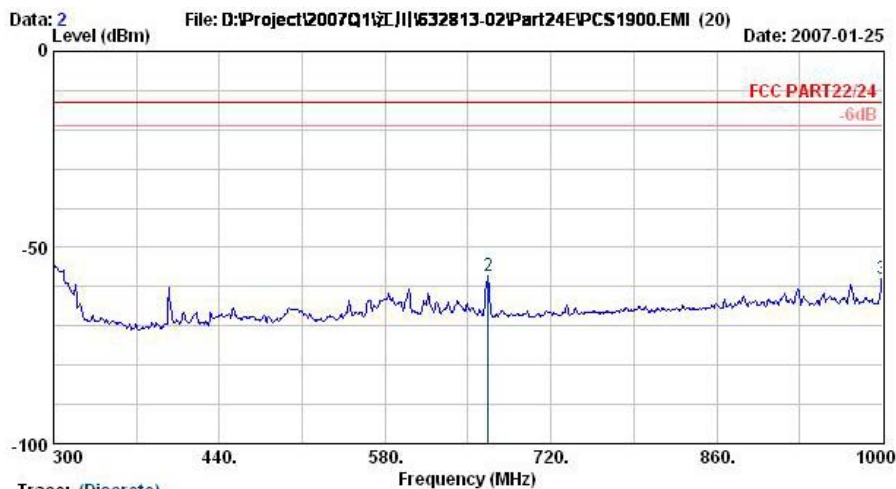
Horizontal Polarization



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120V_{ac}/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1	144.5	-56.15	-43.15	-13.00	-43.40	-12.75	Peak
2 @	239.8	-54.23	-41.23	-13.00	-42.21	-12.02	Peak
3	297.8	-55.16	-42.16	-13.00	-45.14	-10.01	Peak



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120V_{ac}/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+Adaptor

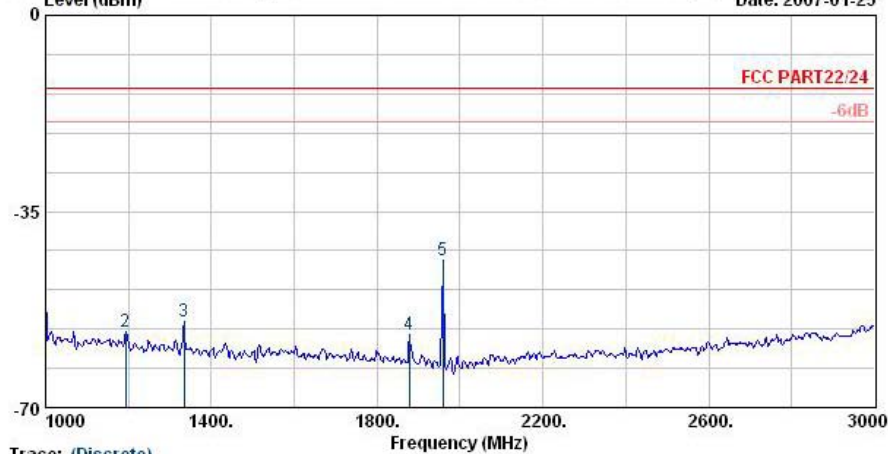
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1	300.0	-54.70	-41.70	-13.00	-44.76	-9.95	Peak
2	666.8	-57.41	-44.41	-13.00	-54.35	-3.06	Peak
3	1000.0	-57.96	-44.96	-13.00	-58.20	0.24	Peak



FCC TEST REPORT

Report No. : FG632813-02A

Data: 3 File: D:\Project\2007Q1\ZJ\1632813-02\Part24EPCS1900.EMI (20) Date: 2007-01-25



Trace: (Discrete)

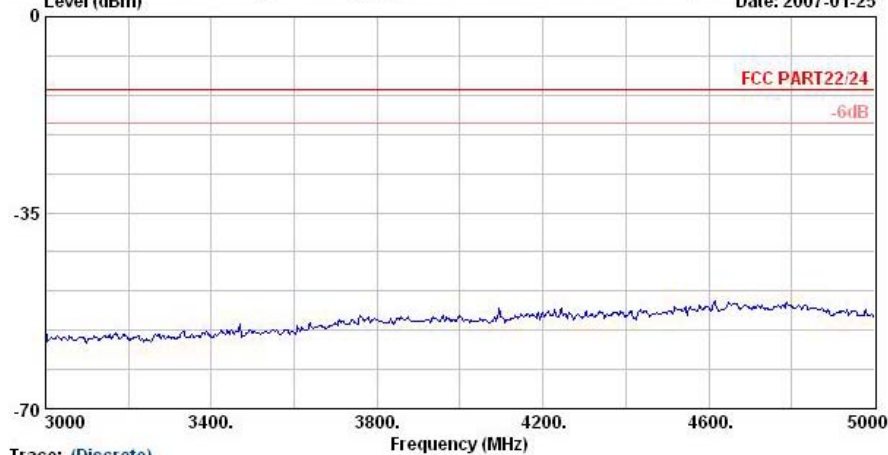
Site : 09CHO6-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11abg and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1000.0	-51.12	-38.12	-13.00	-52.93	1.80	Peak
2	1194.0	-56.46	-43.46	-13.00	-57.83	1.37	Peak
3	1334.0	-54.72	-41.72	-13.00	-55.68	0.96	Peak
4	1878.0	-56.91			-56.39	-0.51	Peak
5 @	1958.0	-43.81			-42.70	-1.11	Peak

Remark:

1. #4: MS Signal
2. #5: BS Signal

Data: 4 File: D:\Project\2007Q1\ZJ\1632813-02\Part24EPCS1900.EMI (20) Date: 2007-01-25

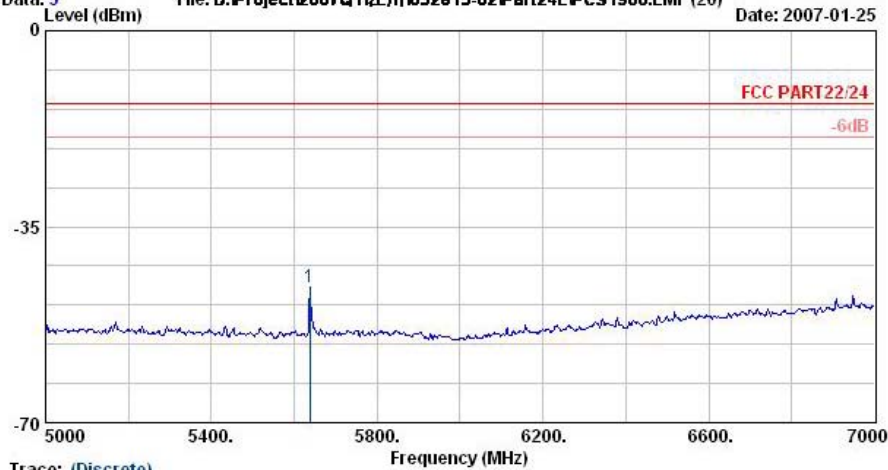


Trace: (Discrete)

Site : 09CHO6-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11abg and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+Adaptor



Data: 5 File: D:\Project\2007Q1\Z\J\I\632813-02\Part24\PCS1900.EMI (20) Date: 2007-01-25



Trace: (Discrete)

Site : 08CH06-HY

Condition : HF-SPURIOUS HORIZONTAL

EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT

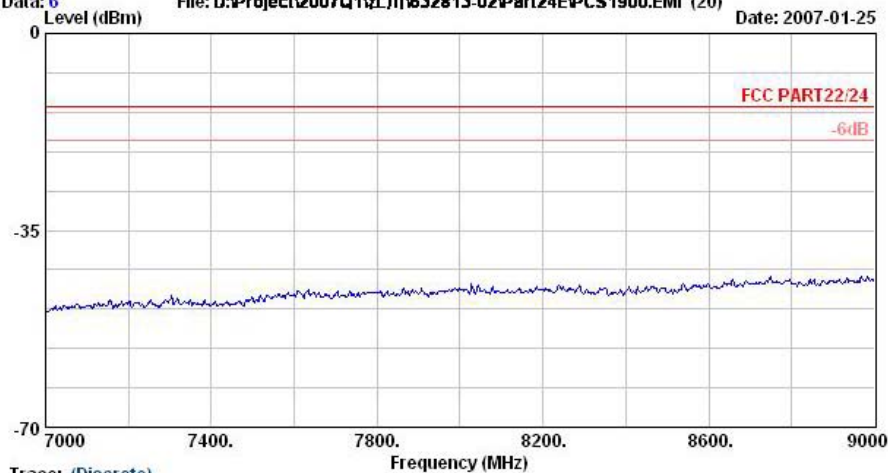
Power : 120Wac/60Hz

Model : FG632813-02

Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	dB	dBm	dBm	Factor Remark
1 @	5638.0	-45.80	-32.80	-13.00	-55.77	9.97 Peak

Data: 6 File: D:\Project\2007Q1\Z\J\I\632813-02\Part24\PCS1900.EMI (20) Date: 2007-01-25



Trace: (Discrete)

Site : 08CH06-HY

Condition : HF-SPURIOUS HORIZONTAL

EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT

Power : 120Wac/60Hz

Model : FG632813-02

Mode : PCS 1900 Link+Adaptor



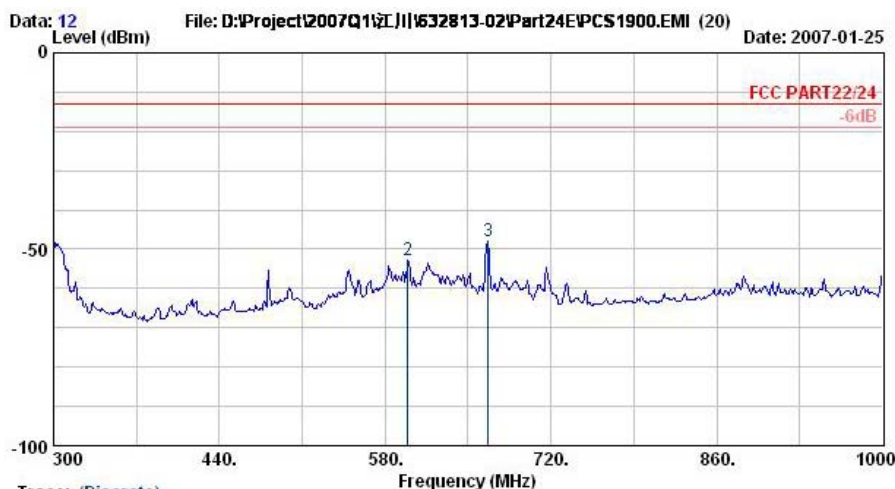
Vertical Polarization



Trace: (Discrete)

Site : 08CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	149.3	-47.89	-34.89	-13.00	-39.76	-8.14	Peak
2 @	238.4	-51.37	-38.37	-13.00	-43.61	-7.76	Peak
3 @	299.2	-47.66	-34.66	-13.00	-41.20	-6.46	Peak



Trace: (Discrete)

Site : 08CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+Adaptor

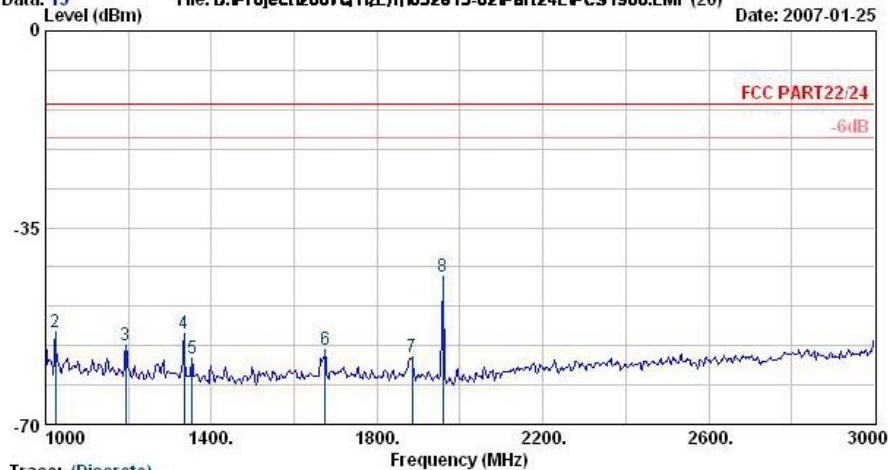
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	300.0	-47.73	-34.73	-13.00	-41.27	-6.46	Peak
2 @	598.9	-52.92	-39.92	-13.00	-50.97	-1.95	Peak
3 @	666.8	-47.80	-34.80	-13.00	-46.87	-0.94	Peak



FCC TEST REPORT

Report No. : FG632813-02A

Data: 13 File: D:\Project\2007Q1\J\I\632813-02\Part24EPCS1900.EMI (20) Date: 2007-01-25



Trace: (Discrete)

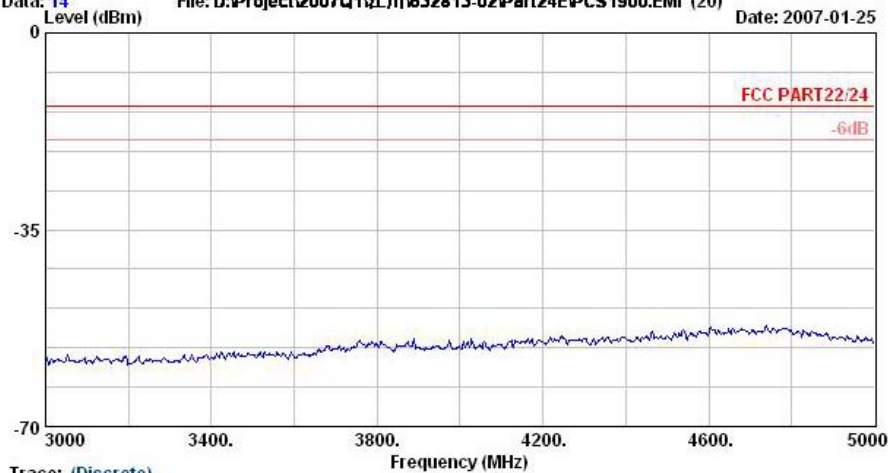
Site : 08CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+ Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	dB	dBm	dBm	dB	Remark
1	1000.0	-55.47	-42.47	-13.00	-54.69	-0.79	Peak
2 @	1024.0	-53.71	-40.71	-13.00	-52.98	-0.73	Peak
3	1194.0	-55.96	-42.96	-13.00	-55.24	-0.72	Peak
4 @	1334.0	-53.89	-40.89	-13.00	-53.09	-0.80	Peak
5	1354.0	-58.26	-45.26	-13.00	-57.40	-0.86	Peak
6	1674.0	-56.66	-43.66	-13.00	-56.18	-0.48	Peak
7	1884.0	-58.16			-57.66	-0.50	Peak
8 @	1958.0	-43.75			-43.15	-0.60	Peak

Remark:

1. #7: MS Signal
2. #8: BS Signal

Data: 14 File: D:\Project\2007Q1\J\I\632813-02\Part24EPCS1900.EMI (20) Date: 2007-01-25



Trace: (Discrete)

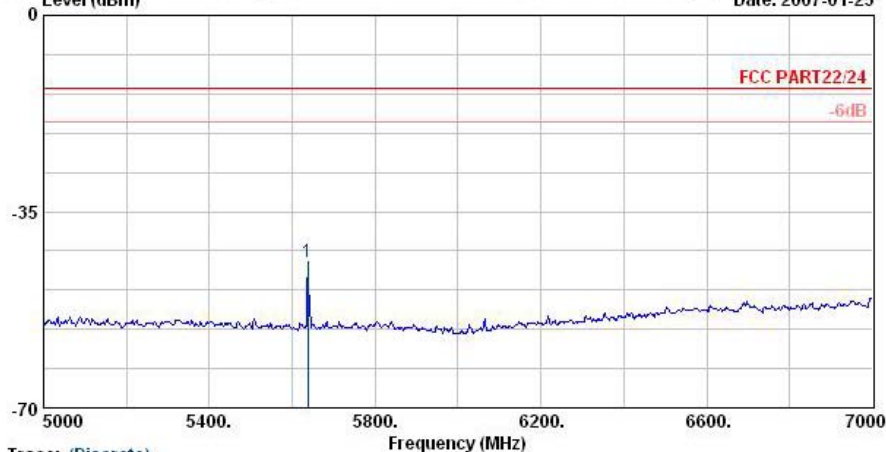
Site : 08CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+ Adaptor



FCC TEST REPORT

Report No. : FG632813-02A

Data: 15 Level (dBm) File: D:\Project\2007Q1\江川\632813-02\Part24\PCS1900.EMI (20) Date: 2007-01-25

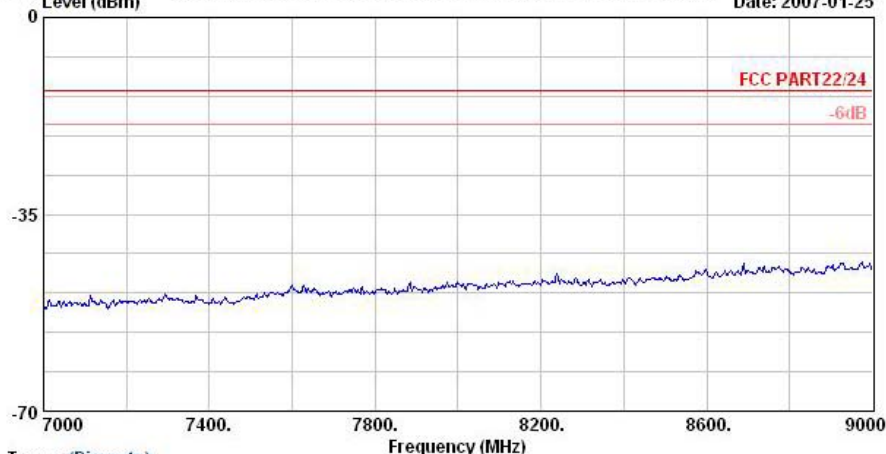


Trace: (Discrete)
Site : 09CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+Adaptor

Freq	Level	Over	Limit	Read		
MHz	dBm	dB	dBm	dBm	dB	Remark

1 @	5638.0	-44.04	-31.04	-13.00	-52.70	8.65 Peak
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Data: 16 Level (dBm) File: D:\Project\2007Q1\江川\632813-02\Part24\PCS1900.EMI (20) Date: 2007-01-25



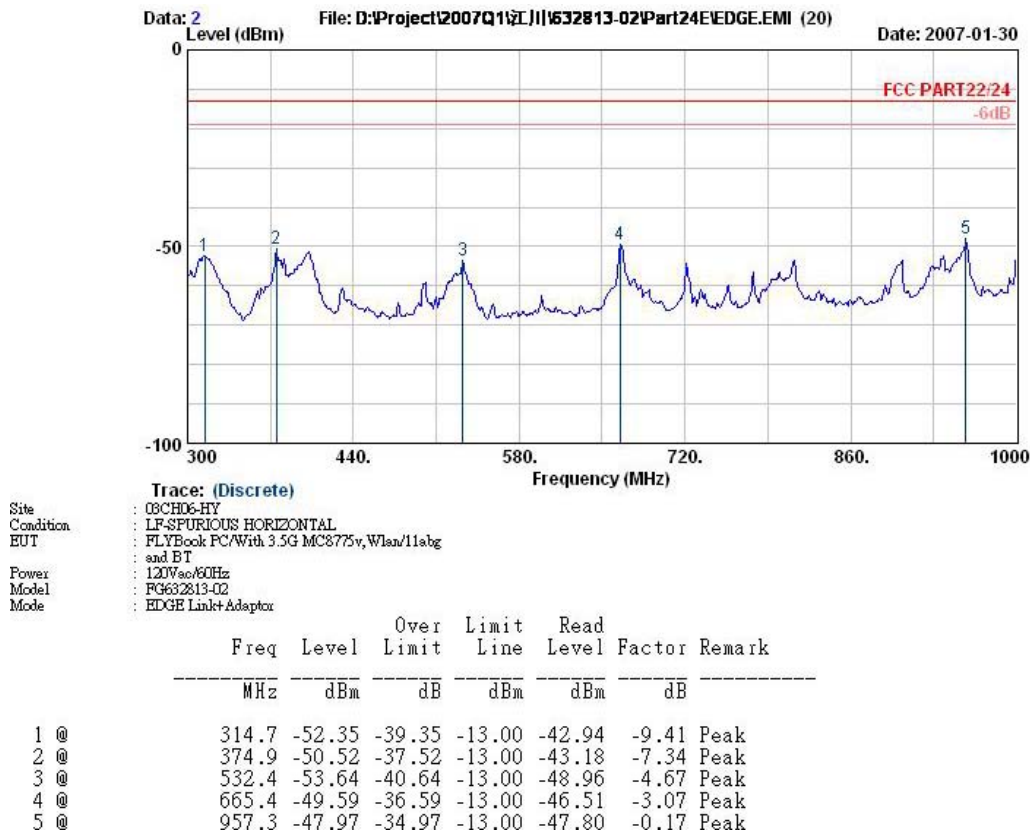
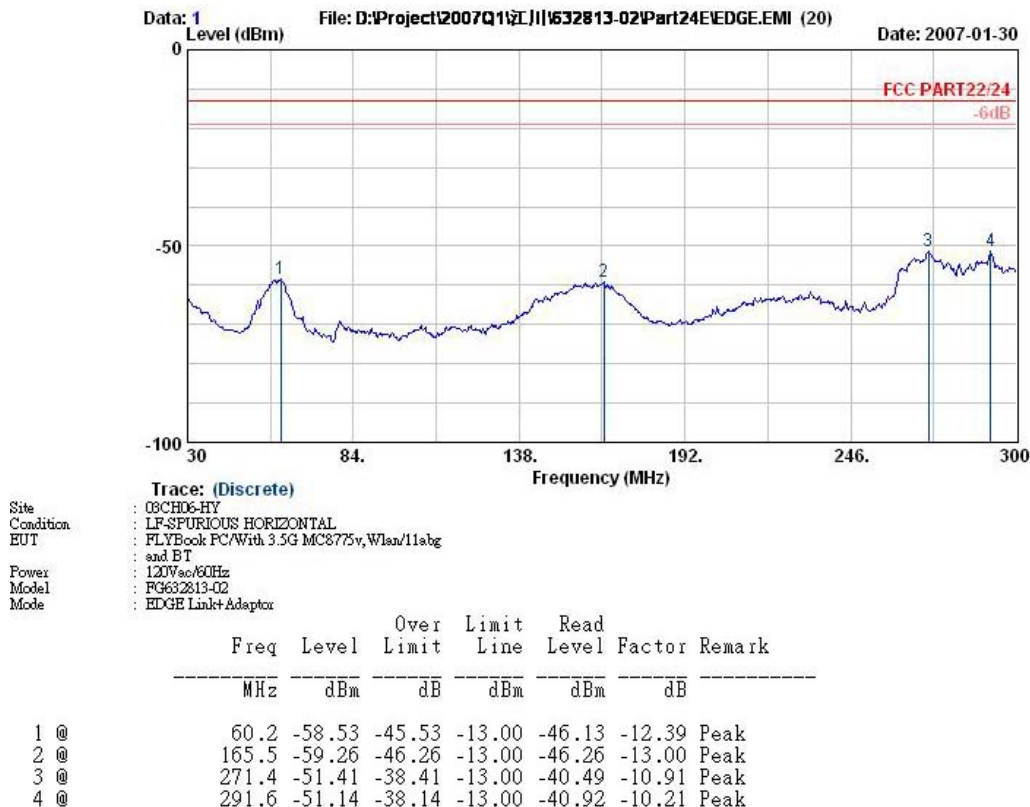
Trace: (Discrete)
Site : 09CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : PCS 1900 Link+Adaptor

Remark : There is no more obvious emission except the listings above.



4.6.5.4 Mode 4

Horizontal Polarization

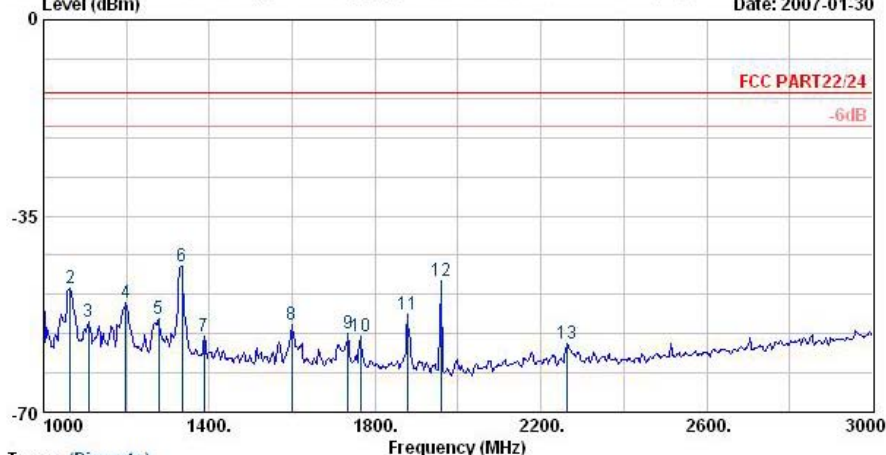




FCC TEST REPORT

Report No. : FG632813-02A

Data: 3 File: D:\Project\2007Q1\Z\J\1632813-02\Part24E\EDGE.EMI (20) Date: 2007-01-30



Trace: (Discrete)

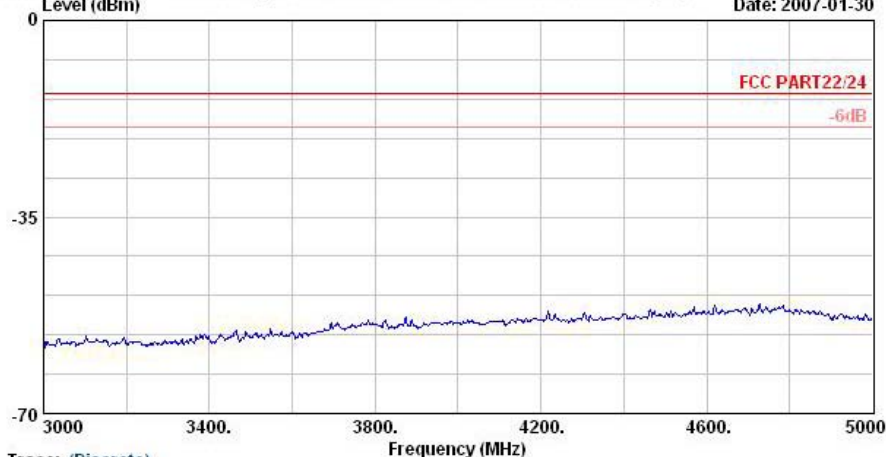
Site : 08CH06-HY
Condition : HP-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1000.0	-50.03	-37.03	-13.00	-51.83	1.80	Peak
2 @	1064.0	-47.84	-34.84	-13.00	-49.48	1.64	Peak
3 @	1108.0	-53.81	-40.81	-13.00	-55.42	1.61	Peak
4 @	1198.0	-50.59	-37.59	-13.00	-51.96	1.37	Peak
5 @	1278.0	-53.35	-40.35	-13.00	-54.44	1.09	Peak
6 @	1334.0	-43.91	-30.91	-13.00	-44.87	0.96	Peak
7 @	1388.0	-56.59	-43.59	-13.00	-57.33	0.74	Peak
8 @	1598.0	-54.50	-41.50	-13.00	-54.87	0.37	Peak
9 @	1734.0	-56.00	-43.00	-13.00	-56.02	0.02	Peak
10 @	1764.0	-56.42	-43.42	-13.00	-56.35	-0.07	Peak
11 @	1878.0	-52.44			-51.93	-0.51	Peak
12 @	1958.0	-46.71			-45.60	-1.11	Peak
13 @	2264.0	-57.79	-44.79	-13.00	-58.58	0.80	Peak

Remark:

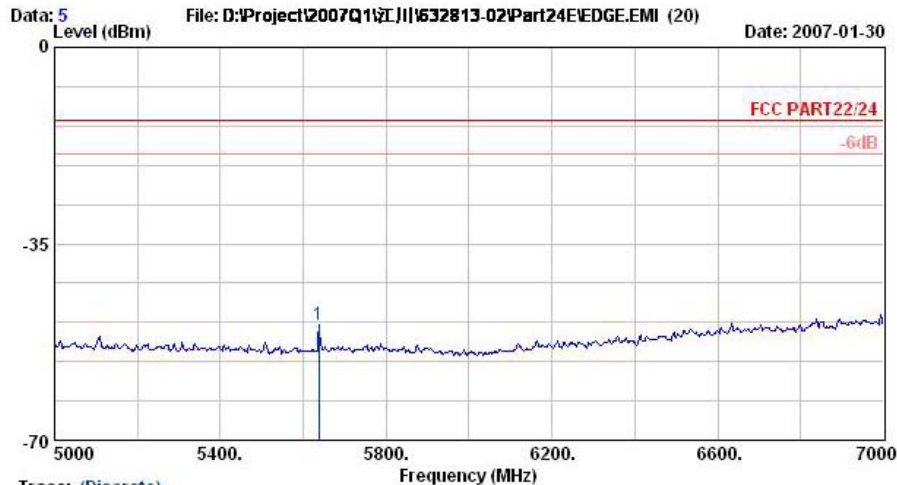
1. #11: MS Signal
2. #12: BS Signal

Data: 4 File: D:\Project\2007Q1\Z\J\1632813-02\Part24E\EDGE.EMI (20) Date: 2007-01-30



Trace: (Discrete)

Site : 08CH06-HY
Condition : HP-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : EDGE Link+Adaptor



Trace: (Discrete)

Site : 08CH06-HY

Condition : HF-SPURIOUS HORIZONTAL

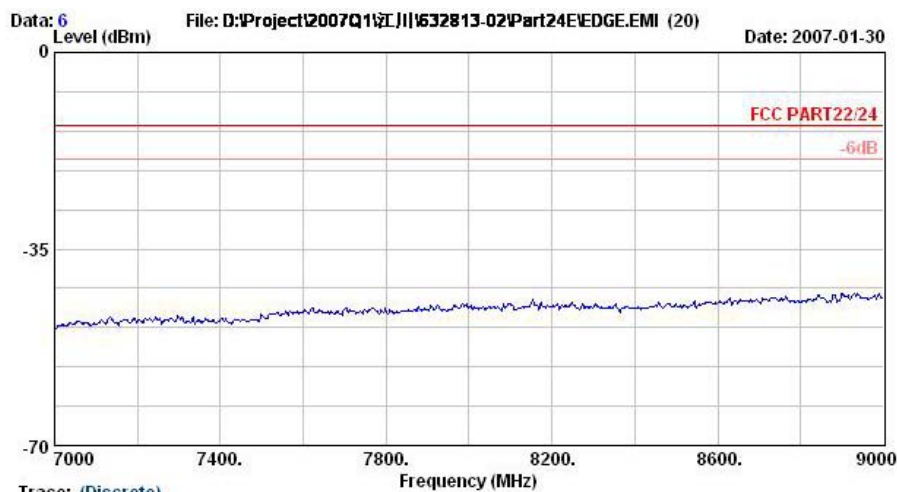
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT

Power : 120V_{ac}/60Hz

Model : FG632813-02

Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dB	
1 @	5638.0	-49.39	-36.39	-13.00	-59.36	9.97 Peak



Trace: (Discrete)

Site : 08CH06-HY

Condition : HF-SPURIOUS HORIZONTAL

EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT

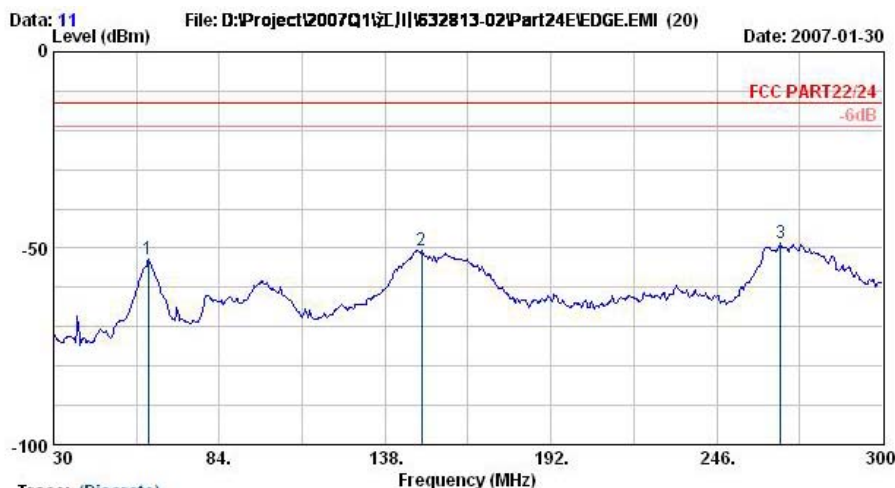
Power : 120V_{ac}/60Hz

Model : FG632813-02

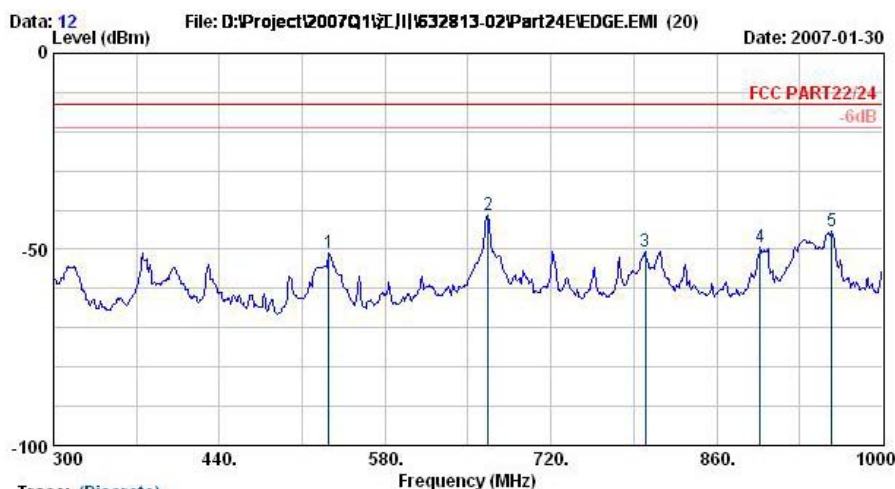
Mode : EDGE Link+Adaptor



Vertical Polarization



	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	60.8	-52.74	-39.74	-13.00	-39.46	-13.28 Peak
2 @	149.9	-50.47	-37.47	-13.00	-42.33	-8.14 Peak
3 @	266.8	-48.78	-35.78	-13.00	-41.62	-7.16 Peak

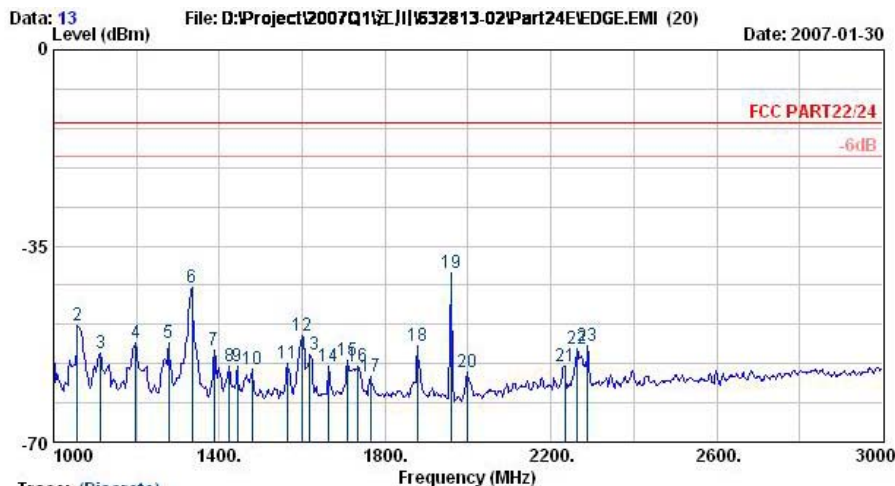


	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	532.4	-50.93	-37.93	-13.00	-48.19	-2.74 Peak
2 @	666.8	-41.38	-28.38	-13.00	-40.44	-0.94 Peak
3 @	799.8	-50.61	-37.61	-13.00	-51.68	1.07 Peak
4 @	896.4	-49.37	-36.37	-13.00	-51.20	1.83 Peak
5 @	957.3	-45.41	-32.41	-13.00	-47.73	2.32 Peak



FCC TEST REPORT

Report No. : FG632813-02A



Site : 03CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1000.0	-54.59	-41.59	-13.00	-53.80	-0.79	Peak
2 @	1058.0	-49.22	-36.22	-13.00	-48.46	-0.76	Peak
3 @	1114.0	-54.20	-41.20	-13.00	-53.47	-0.73	Peak
4 @	1198.0	-52.43	-39.43	-13.00	-51.71	-0.72	Peak
5 @	1278.0	-52.21	-39.21	-13.00	-51.37	-0.83	Peak
6 @	1334.0	-42.30	-29.30	-13.00	-41.51	-0.80	Peak
7 @	1388.0	-53.48	-40.48	-13.00	-52.55	-0.93	Peak
8 @	1424.0	-56.44	-43.44	-13.00	-55.54	-0.90	Peak
9 @	1444.0	-56.58	-43.58	-13.00	-55.69	-0.90	Peak
10 @	1478.0	-57.11	-44.11	-13.00	-56.14	-0.97	Peak
11 @	1564.0	-56.04	-43.04	-13.00	-55.34	-0.70	Peak
12 @	1598.0	-51.12	-38.12	-13.00	-50.45	-0.67	Peak
13 @	1618.0	-54.45	-41.45	-13.00	-53.91	-0.54	Peak
14 @	1664.0	-56.53	-43.53	-13.00	-56.05	-0.48	Peak
15 @	1708.0	-55.37	-42.37	-13.00	-54.95	-0.42	Peak
16 @	1734.0	-56.43	-43.43	-13.00	-56.09	-0.34	Peak
17 @	1764.0	-58.25	-45.25	-13.00	-57.88	-0.36	Peak
18 @	1878.0	-52.86			-52.45	-0.40	Peak
19 @	1958.0	-39.79			-39.19	-0.60	Peak
20 @	1998.0	-57.47	-44.47	-13.00	-56.78	-0.69	Peak
21 @	2234.0	-56.40	-43.40	-13.00	-58.01	1.61	Peak
22 @	2264.0	-53.30	-40.30	-13.00	-54.98	1.68	Peak
23 @	2288.0	-52.70	-39.70	-13.00	-54.37	1.67	Peak

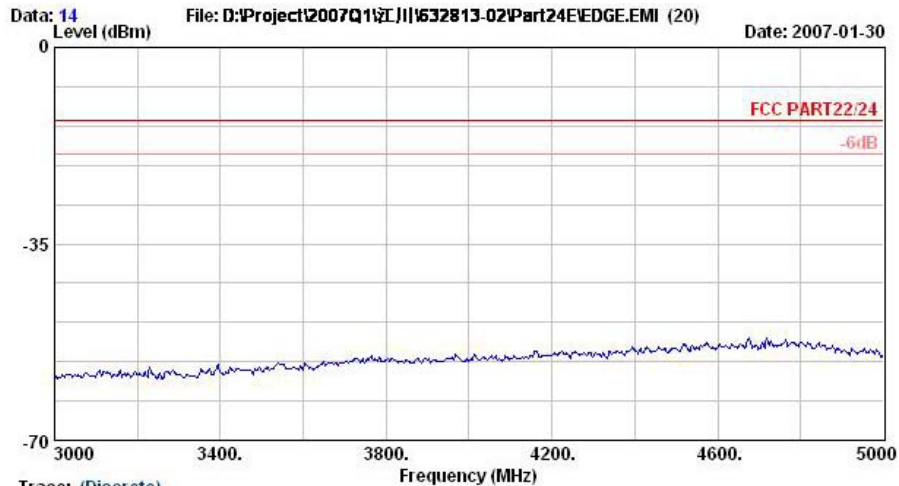
Remark:

1. #18: MS Signal
2. #19: BS Signal



FCC TEST REPORT

Report No. : FG632813-02A



Trace: (Discrete)

Site : 08CH06-HY

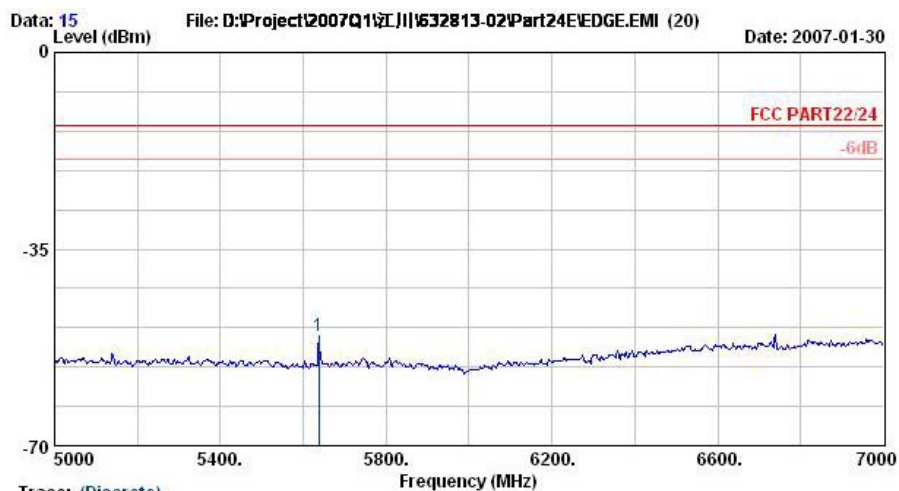
Condition : HF-SPURIOUS VERTICAL

EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT

Power : 120Wac/60Hz

Model : FG632813-02

Mode : EDGE Link+Adaptor



Trace: (Discrete)

Site : 08CH06-HY

Condition : HF-SPURIOUS VERTICAL

EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT

Power : 120Wac/60Hz

Model : FG632813-02

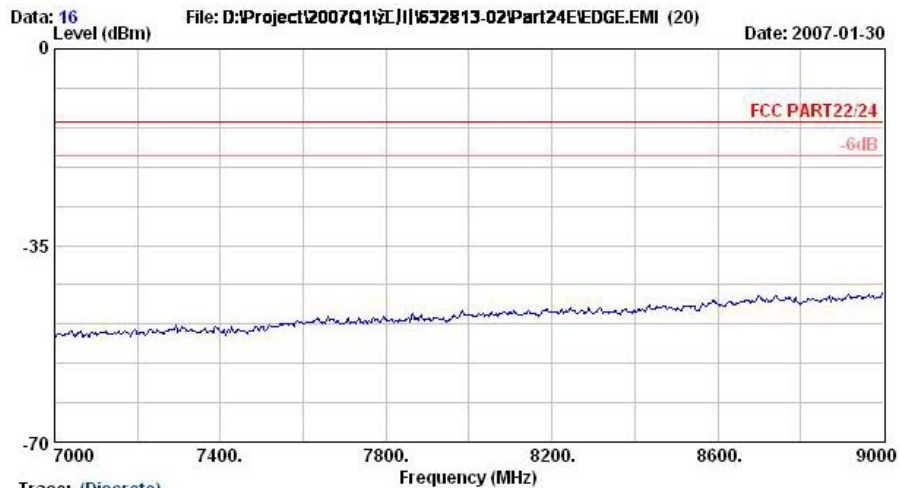
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1 @	5638.0	-50.55	-37.55	-13.00	-59.20	8.65 Peak



FCC TEST REPORT

Report No. : FG632813-02A



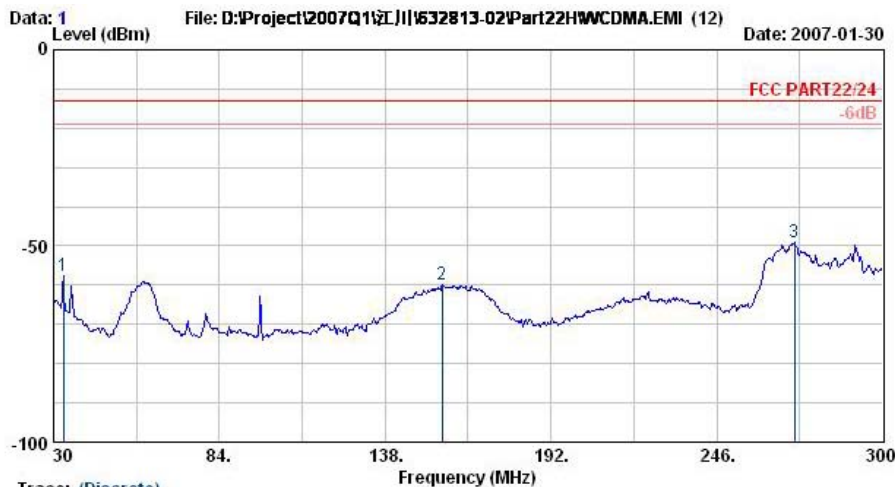
Site : 08CH06-HY
Condition : HP-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11a/b/g
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : EDGE Link+Adaptor

Remark : There is no more obvious emission except the listings above.



4.6.5.5 Mode 5

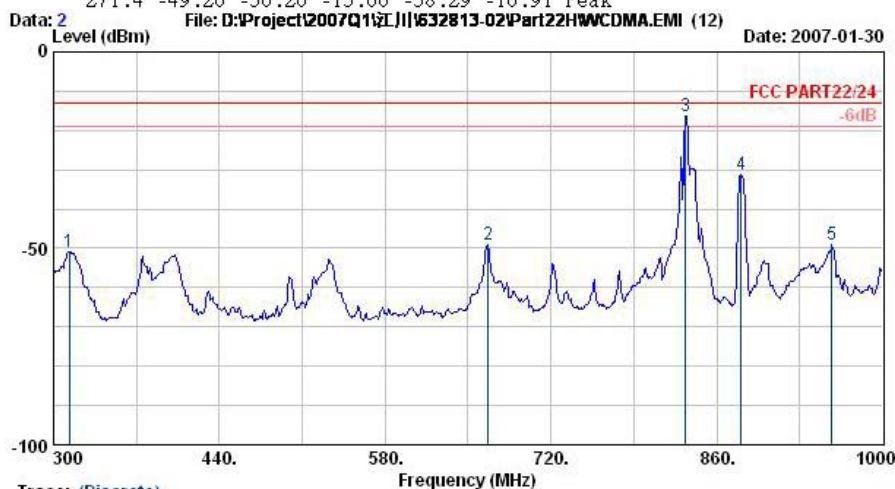
Horizontal Polarization



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120V_{ac}/60Hz
Model : FG632813-02
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	33.2	-57.52	-44.52	-13.00	-56.05	-1.47 Peak
2 @	156.6	-59.89	-46.89	-13.00	-46.99	-12.90 Peak
3 @	271.4	-49.20	-36.20	-13.00	-38.29	-10.91 Peak



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120V_{ac}/60Hz
Model : FG632813-02
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	313.3	-51.05	-38.05	-13.00	-41.57	-9.48 Peak
2 @	666.8	-49.03	-36.03	-13.00	-45.97	-3.06 Peak
3 @	833.4	-16.36			-14.99	-1.37 Peak
4 @	880.3	-31.35			-30.43	-0.91 Peak
5 @	957.3	-49.01	-36.01	-13.00	-48.84	-0.17 Peak

Remark:

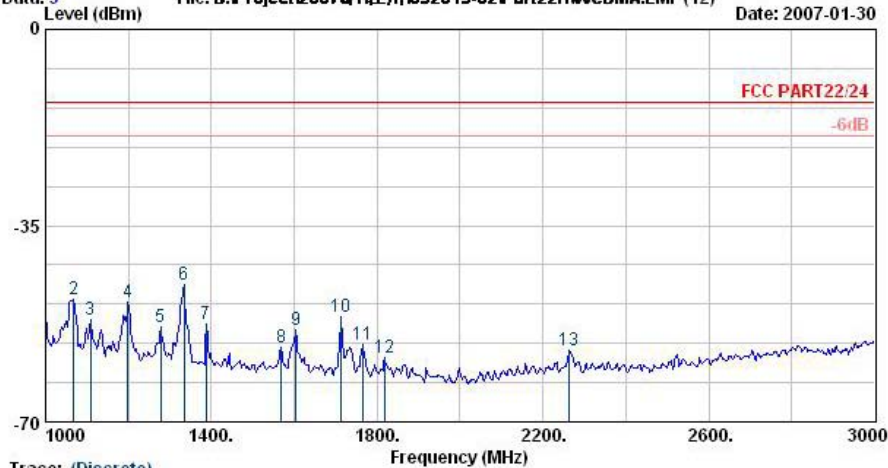
- #3: MS Signal
- #4: BS Signal



FCC TEST REPORT

Report No. : FG632813-02A

Data: 3 File: D:\Project\2007Q1\ZJ\1\632813-02\Part22H\WCDMA.EMI (12) Date: 2007-01-30



Trace: (Discrete)

Site : 09CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1000.0	-51.09	-38.09	-13.00	-52.89	1.80	Peak
2 @	1068.0	-48.15	-35.15	-13.00	-49.78	1.64	Peak
3 @	1108.0	-51.70	-38.70	-13.00	-53.30	1.61	Peak
4 @	1198.0	-48.57	-35.57	-13.00	-49.94	1.37	Peak
5 @	1278.0	-53.19	-40.19	-13.00	-54.28	1.09	Peak
6 @	1334.0	-45.51	-32.51	-13.00	-46.47	0.96	Peak
7 @	1388.0	-52.54	-39.54	-13.00	-53.28	0.74	Peak
8 @	1568.0	-56.69	-43.69	-13.00	-57.10	0.41	Peak
9 @	1604.0	-53.62	-40.62	-13.00	-53.99	0.37	Peak
10 @	1714.0	-51.30	-38.30	-13.00	-51.38	0.08	Peak
11 @	1764.0	-56.19	-43.19	-13.00	-56.12	-0.07	Peak
12 @	1818.0	-58.46	-45.46	-13.00	-58.25	-0.21	Peak
13 @	2264.0	-57.30	-44.30	-13.00	-58.09	0.80	Peak

Data: 4 File: D:\Project\2007Q1\ZJ\1\632813-02\Part22H\WCDMA.EMI (12) Date: 2007-01-30

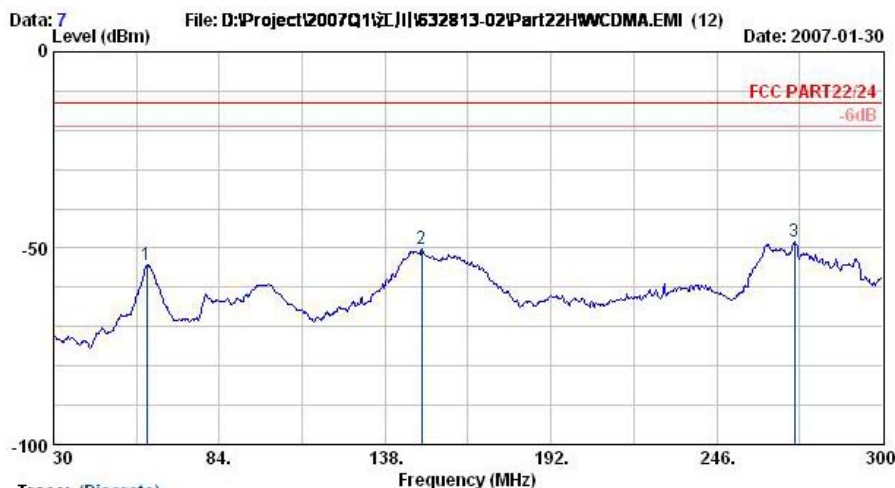


Trace: (Discrete)

Site : 09CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : WCDMA Link+Adaptor



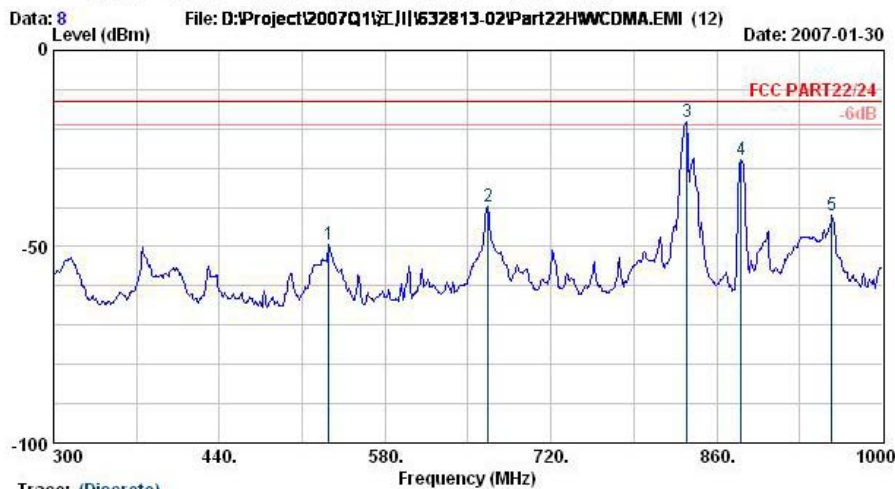
Vertical Polarization



Trace: (Discrete)

Site : 08CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dB	dBm	dB	dBm	dB
1 @	60.2	-54.17	-41.17	-13.00	-40.75	-13.42 Peak
2 @	149.9	-50.09	-37.09	-13.00	-41.94	-8.14 Peak
3 @	271.4	-48.49	-35.49	-13.00	-41.44	-7.06 Peak



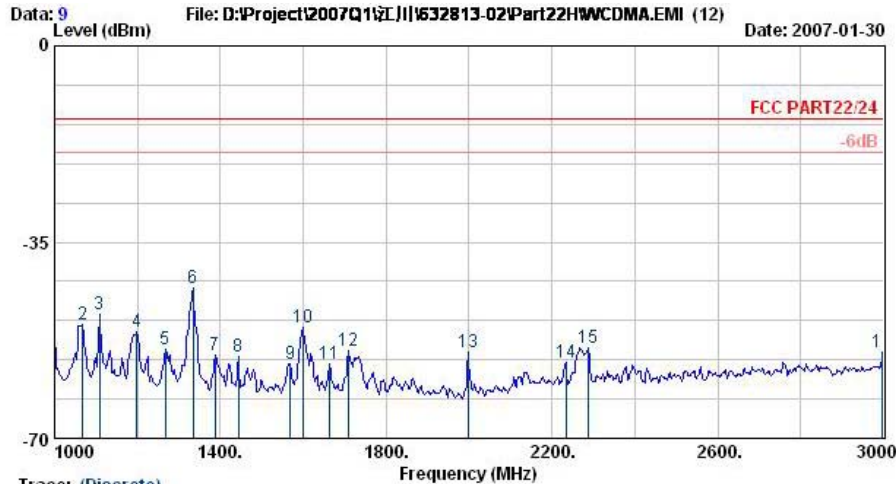
Trace: (Discrete)

Site : 08CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dB	dBm	dB	dBm	dB
1 @	532.4	-49.44	-36.44	-13.00	-46.70	-2.74 Peak
2 @	666.8	-39.59	-26.59	-13.00	-38.65	-0.94 Peak
3 @	834.8	-18.39			-19.74	1.35 Peak
4 @	880.3	-27.98			-29.69	1.71 Peak
5 @	957.3	-42.05	-29.05	-13.00	-44.37	2.32 Peak

Remark:

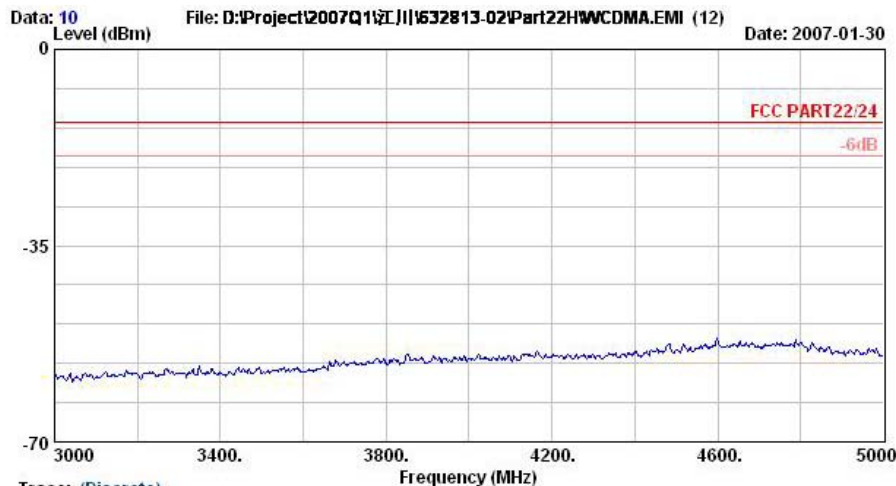
- #3: MS Signal
- #4: BS Signal



Trace: (Discrete)

Site : 08CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120V_{ac}/60Hz
Model : FG632813-02
Mode : WCDMA Link+Adaptor

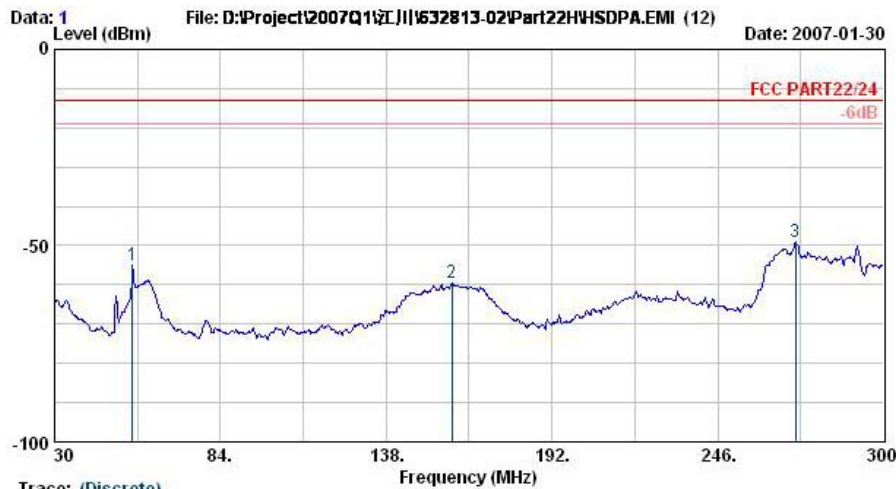
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1000.0	-52.34	-39.34	-13.00	-51.56	-0.79	Peak
2 @	1068.0	-49.69	-36.69	-13.00	-48.91	-0.79	Peak
3 @	1108.0	-48.00	-35.00	-13.00	-47.27	-0.73	Peak
4 @	1198.0	-51.08	-38.08	-13.00	-50.36	-0.72	Peak
5 @	1268.0	-54.17	-41.17	-13.00	-53.34	-0.83	Peak
6 @	1334.0	-43.17	-30.17	-13.00	-42.38	-0.80	Peak
7 @	1388.0	-55.10	-42.10	-13.00	-54.17	-0.93	Peak
8 @	1444.0	-55.53	-42.53	-13.00	-54.63	-0.90	Peak
9 @	1568.0	-56.73	-43.73	-13.00	-56.03	-0.70	Peak
10 @	1598.0	-50.24	-37.24	-13.00	-49.57	-0.67	Peak
11 @	1664.0	-56.80	-43.80	-13.00	-56.32	-0.48	Peak
12 @	1708.0	-54.30	-41.30	-13.00	-53.88	-0.42	Peak
13 @	1998.0	-54.53	-41.53	-13.00	-53.83	-0.69	Peak
14 @	2234.0	-56.42	-43.42	-13.00	-58.03	1.61	Peak
15 @	2288.0	-53.88	-40.88	-13.00	-55.55	1.67	Peak
16 @	2998.0	-54.60	-41.60	-13.00	-57.99	3.39	Peak



Trace: (Discrete)

Site : 08CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120V_{ac}/60Hz
Model : FG632813-02
Mode : WCDMA Link+Adaptor

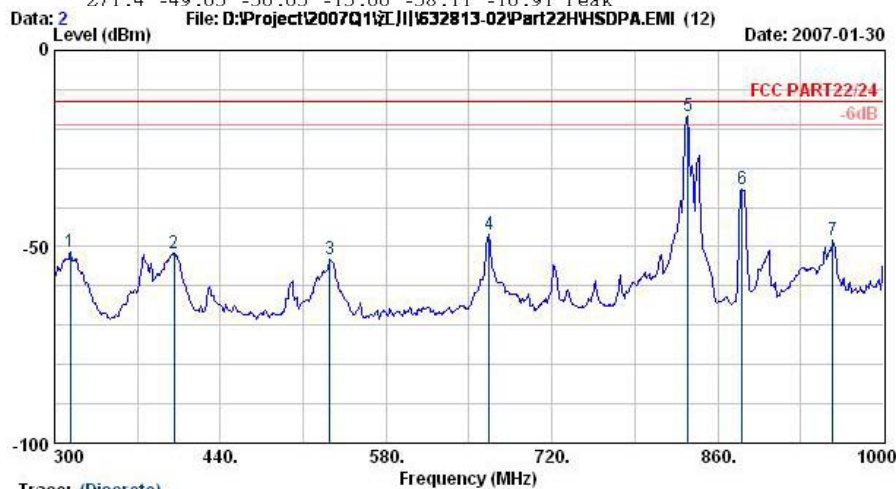
Remark : There is no more obvious emission except the listings above.

4.6.5.6 Mode 6
Horizontal Polarization

Trace: (Discrete)

Site : 03CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : HSDPA Link+Adaptor

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	55.4	-55.11	-42.11	-13.00	-42.70	-12.41	Peak
2 @	159.3	-59.61	-46.61	-13.00	-46.69	-12.92	Peak
3 @	271.4	-49.03	-36.03	-13.00	-38.11	-10.91	Peak



Trace: (Discrete)

Site : 03CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Vac/60Hz
Model : FG632813-02
Mode : HSDPA Link+Adaptor

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	313.3	-51.24	-38.24	-13.00	-41.77	-9.48	Peak
2 @	400.8	-51.65	-38.65	-13.00	-45.16	-6.49	Peak
3 @	532.4	-53.12	-40.12	-13.00	-48.45	-4.67	Peak
4 @	666.8	-46.78	-33.78	-13.00	-43.72	-3.06	Peak
5 @	834.8	-16.63			-15.28	-1.35	Peak
6 @	880.3	-35.32			-34.41	-0.91	Peak
7 @	957.3	-48.43	-35.43	-13.00	-48.26	-0.17	Peak

Remark:

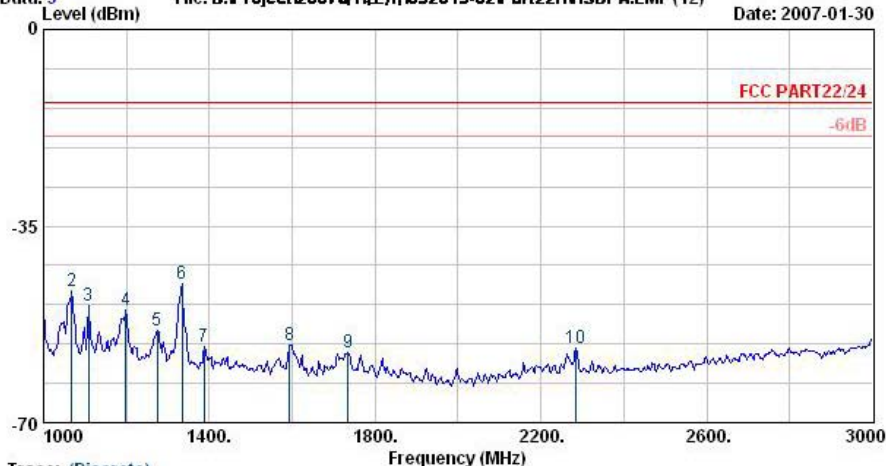
- #5: MS Signal
- #6: BS Signal



FCC TEST REPORT

Report No. : FG632813-02A

Data: 3 File: D:\Project\2007Q1\ZJ\1\632813-02\Part22HVSDPA.EMI (12) Date: 2007-01-30

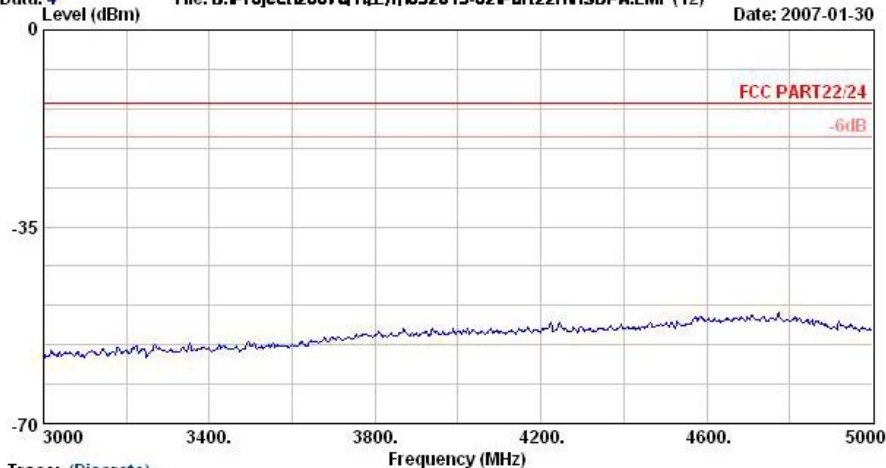


Trace: (Discrete)

Site : 08CH06-HY
Condition : HP-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : HSDPA Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1000.0	-50.12	-37.12	-13.00	-51.93	1.80	Peak
2 @	1068.0	-46.63	-33.63	-13.00	-48.27	1.64	Peak
3 @	1108.0	-49.16	-36.16	-13.00	-50.77	1.61	Peak
4 @	1198.0	-49.96	-36.96	-13.00	-51.33	1.37	Peak
5 @	1274.0	-53.71	-40.71	-13.00	-54.80	1.09	Peak
6 @	1334.0	-45.32	-32.32	-13.00	-46.27	0.96	Peak
7 @	1388.0	-56.57	-43.57	-13.00	-57.32	0.74	Peak
8 @	1594.0	-56.08	-43.08	-13.00	-56.46	0.37	Peak
9 @	1734.0	-57.45	-44.45	-13.00	-57.47	0.02	Peak
10 @	2284.0	-56.85	-43.85	-13.00	-57.64	0.80	Peak

Data: 4 File: D:\Project\2007Q1\ZJ\1\632813-02\Part22HVSDPA.EMI (12) Date: 2007-01-30



Trace: (Discrete)

Site : 08CH06-HY
Condition : HP-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT
Power : 120Wac/60Hz
Model : FG632813-02
Mode : HSDPA Link+Adaptor