



FCC TEST REPORT

for

47 CFR Part 22H, 24E

Equipment : FLYBOOK
Trade Name : DIALOGUE
Model No. : V5W1BBHA
FCC ID : JYV-V5W1BBHA
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) : 0.18 W
GSM850(EDGE) : 0.09 W
PCS1900(GSM) : 0.3 W
PCS1900(EDGE) : 0.19 W
WCDMA Band V : 0.04 W
WCDMA Band II : 0.09 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.: FG6O2516, Report Version: Rev. 04.

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Report Version: Rev. 04



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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. : V5W1BBHA
FCC ID : JYV-V5W1BBHA
Power Supply Type : Swtiching
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 :	V5W1BBHA
FCC ID :	JYV-V5W1BBHA
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 : 32.70 dBm(GSM); 32.41 dBm(GPRS8); 32.34 dBm (GPRS10); 27.00 dBm (GPRS12); 27.3 dBm(EDGE8); 27.2 dBm (EDGE10); 27.2 dBm (EDGE12) PCS1900 : 29.70 dBm(GSM) ; 29.36 dBm(GPRS8); 29.30 dBm (GPRS10); 29.50 dBm (GPRS12); 26.5 dBm(EDGE8); 26.4 dBm (EDGE10); 26.3 dBm (EDGE12) WCDMA Band V : 24.01 dBm WCDMA Band V (HSDPA) : 23.56 dBm WCDMA Band II : 24.61 dBm WCDMA Band II (HSDPA) : 24.15 dBm 802.11a : 16.93 dBm <Band I> / 18.09 dBm <Band III> 802.11b : 18.12 dBm / 802.11g : 19.55 dBm Bluetooth : 1.99 dBm
Maximum ERP/EIRP :	GSM850(GSM) : 0.18 W (22.62 dBm) GSM850(EDGE) : 0.09 W (19.75 dBm) PCS1900(GSM) : 0.3 W (24.84 dBm) PCS1900(EDGE) : 0.19 W (22..72 dBm) WCDMA Band V : 0.04 W (15.75 dBm) WCDMA Band II : 0.09 W (19.50 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 : 3 WCDMA Band II : 3
DUT Stage :	Production Unit



1.5 Report Date

EUT Received : Oct. 25, 2006

Report Date : Mar. 30, 2007

2 Test Configuration of Equipment under Test

2.1 Test Manner

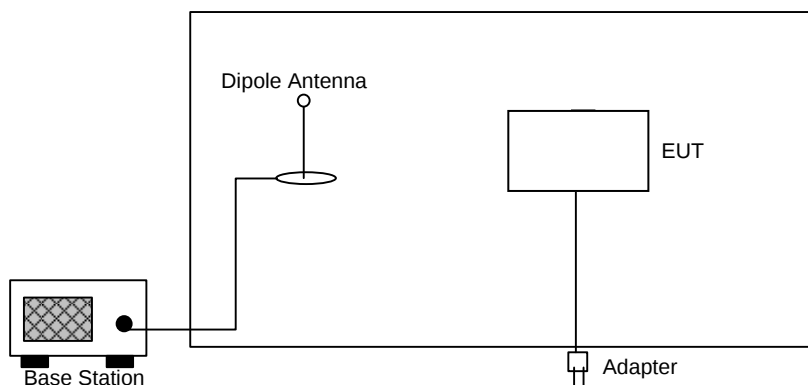
- The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range.
- During all testings, EUT is in link mode with base station emulator at maximum power level.
- Frequency range investigated: radiated emission 30 MHz to 9000 MHz for GSM850 and WCDMA Band V; 30MHz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

2.2 Test Mode

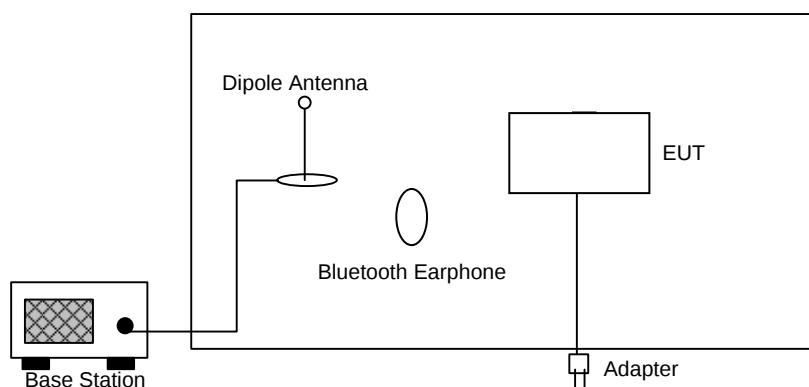
Application	GSM850	PCS1900	WCDMA Band V	WCDMA Band II
Radiated Emission	☒ Mode 1: GSM Link	☒ Mode 3: GSM Link	☒ Mode 5: WCDMA Link	☒ Mode 7: WCDMA Link
	☒ Mode 2: EDGE Link	☒ Mode 4: EDGE Link	☒ Mode 6: HSDPA Link	☒ Mode 8: HSDPA Link
	☒ Mode 9: GSM Link + BT Link			
	☒ Mode 10: GSM Link + WLAN Link			
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

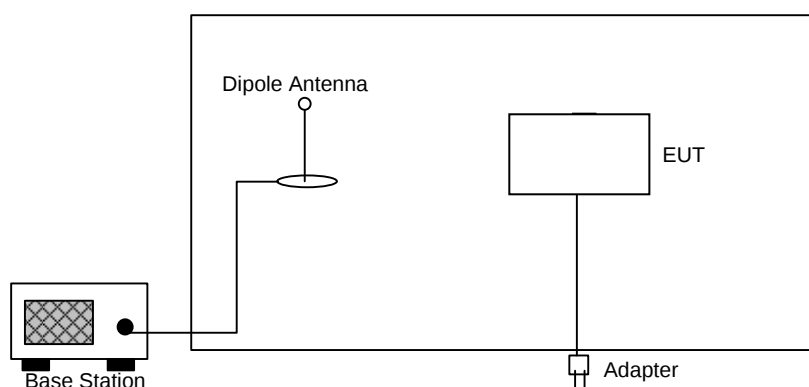
<Mode 1~8>



<Mode 9>



<Mode 10>



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

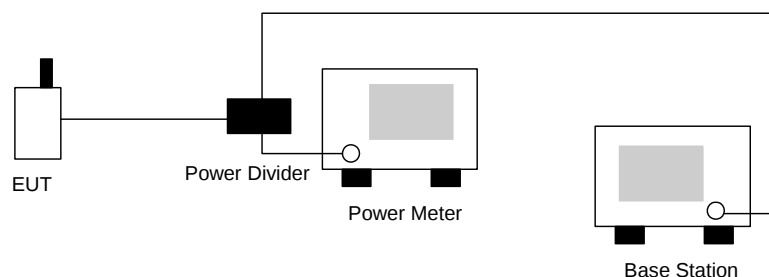
4.2.1 Measurement Instruments :

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)	32.70	1.862
	189	836.4 (Mid)	32.50	1.778
	251	848.8 (High)	32.40	1.738
GSM850 (EDGE)	128	824.2 (Low)	27.30	0.537
	189	836.4 (Mid)	27.20	0.525
	251	848.8 (High)	27.10	0.513
PCS1900 (GSM)	512	1850.2 (Low)	29.70	0.933
	661	1880.0 (Mid)	29.60	0.912
	810	1909.8 (High)	29.40	0.871
PCS1900 (EDGE)	512	1850.2 (Low)	26.50	0.447
	661	1880.0 (Mid)	26.40	0.437
	810	1909.8 (High)	26.20	0.417
WCDMA Band V	4132	826.4 (Low)	24.01	0.252
	4182	836.4 (Mid)	23.51	0.224
	4233	846.6 (High)	23.56	0.227
WCDMA Band V (HSDPA)	4132	826.4 (Low)	23.56	0.227
	4182	836.4 (Mid)	23.42	0.220
	4233	846.6 (High)	23.38	0.218
WCDMA Band II	9262	1852.4 (Low)	24.52	0.283
	9400	1880.0 (Mid)	24.61	0.289
	9538	1907.6 (High)	23.55	0.226
WCDMA Band II (HSDPA)	9262	1852.4 (Low)	24.15	0.260
	9400	1880.0 (Mid)	24.06	0.255
	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.

$E_t = R_t + AF$

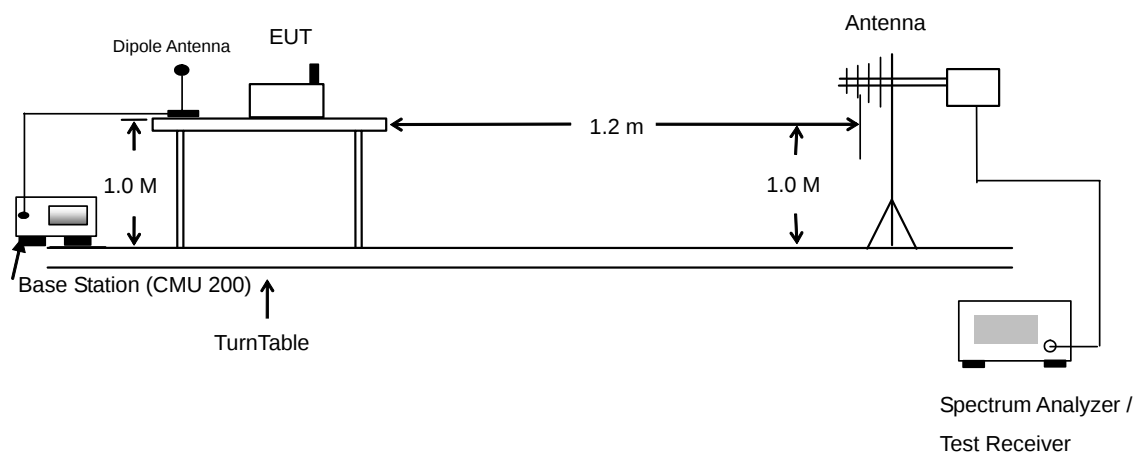
$E_s = R_s + AF$

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	-26.58	-48.12	0.00	-1.08	20.46	0.11
836.40	-25.49	-48.28	0.00	-0.93	21.86	0.15
848.80	-24.97	-48.35	0.00	-0.76	22.62	0.18
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.20	-26.51	-47.97	0.00	-1.08	20.38	0.11
836.40	-25.64	-48.01	0.00	-0.93	21.44	0.14
848.80	-25.10	-48.05	0.00	-0.76	22.19	0.17

GSM850 (EDGE) Radiated Power ERP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.20	-28.99	-48.12	0.00	-1.08	18.05	0.06
836.40	-28.10	-48.28	0.00	-0.93	19.25	0.08
848.80	-27.84	-48.35	0.00	-0.76	19.75	0.09
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.20	-29.18	-47.97	0.00	-1.08	17.71	0.06
836.40	-28.14	-48.01	0.00	-0.93	18.94	0.08
848.80	-27.74	-48.05	0.00	-0.76	19.55	0.09



PCS1900 (GSM) Radiated Power EIRP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1850.20	-29.00	-51.88	0.00	1.96	24.84	0.30
1880.00	-34.33	-52.99	0.00	2.00	20.66	0.12
1909.80	-35.80	-54.28	0.00	1.98	20.46	0.11
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1850.20	-33.92	-52.13	0.00	1.96	20.17	0.10
1880.00	-36.11	-53.17	0.00	2.00	19.06	0.08
1909.80	-38.09	-54.13	0.00	1.98	18.02	0.06

PCS1900 (EDGE) Radiated Power EIRP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1850.20	-31.41	-51.88	0.00	1.96	22.43	0.17
1880.00	-32.57	-52.99	0.00	2.00	22.42	0.17
1909.80	-33.54	-54.28	0.00	1.98	22.72	0.19
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1850.20	-32.89	-52.13	0.00	1.96	21.20	0.13
1880.00	-34.69	-53.17	0.00	2.00	20.48	0.11
1909.80	-34.87	-54.13	0.00	1.98	21.24	0.13



WCDMA Band V Radiated Power ERP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
826.40	-32.47	-48.12	0.00	-1.08	14.57	0.03
836.40	-32.78	-48.28	0.00	-0.93	14.57	0.03
846.60	-33.97	-48.35	0.00	-0.76	13.62	0.02
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
826.40	-32.28	-47.97	0.00	-1.08	14.61	0.03
836.40	-31.33	-48.01	0.00	-0.93	15.75	0.04
846.60	-32.53	-48.05	0.00	-0.76	14.76	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	-34.34	-51.88	0.00	1.96	19.50	0.09
1880.00	-36.37	-52.99	0.00	2.00	18.62	0.07
1907.60	-39.28	-54.28	0.00	1.98	16.98	0.05
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1852.40	-35.43	-52.13	0.00	1.96	18.66	0.07
1880.00	-37.61	-53.17	0.00	2.00	17.56	0.06
1907.60	-41.09	-54.13	0.00	1.98	15.02	0.03

4.4 Occupied Bandwidth and Band Edge Measurement

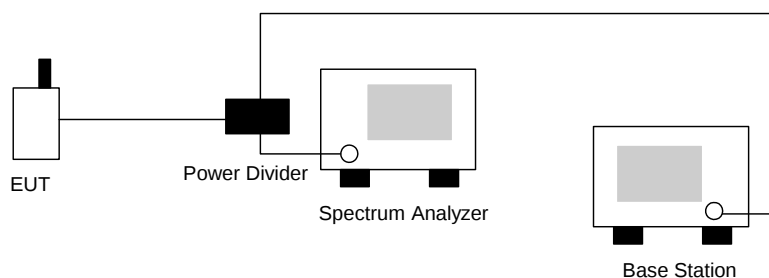
4.4.1 Measurement Instruments

As described in chapter 5 of this test report.

4.4.2 Test Procedure

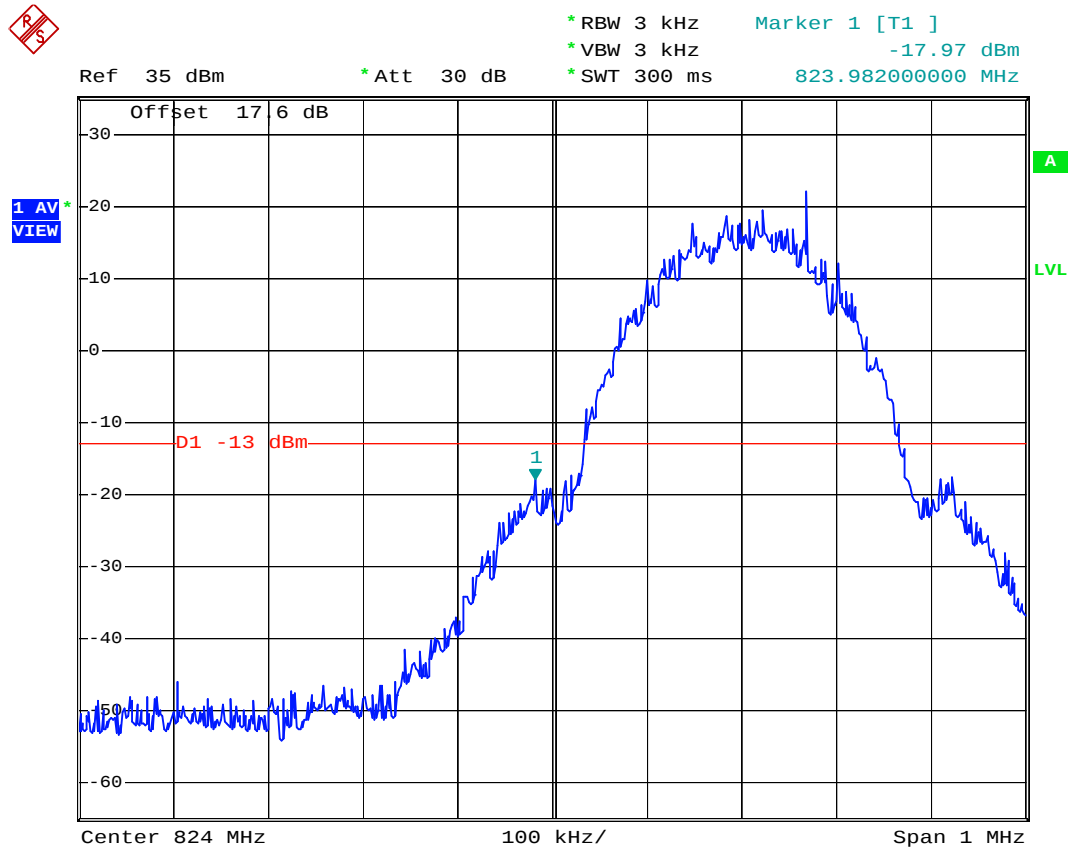
1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The 99% occupied bandwidth of middle channel for the highest and lowest RF powers were measured.
3. The bandedge of low and high channels for the highest RF powers within the transmitting frequency band were measured.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



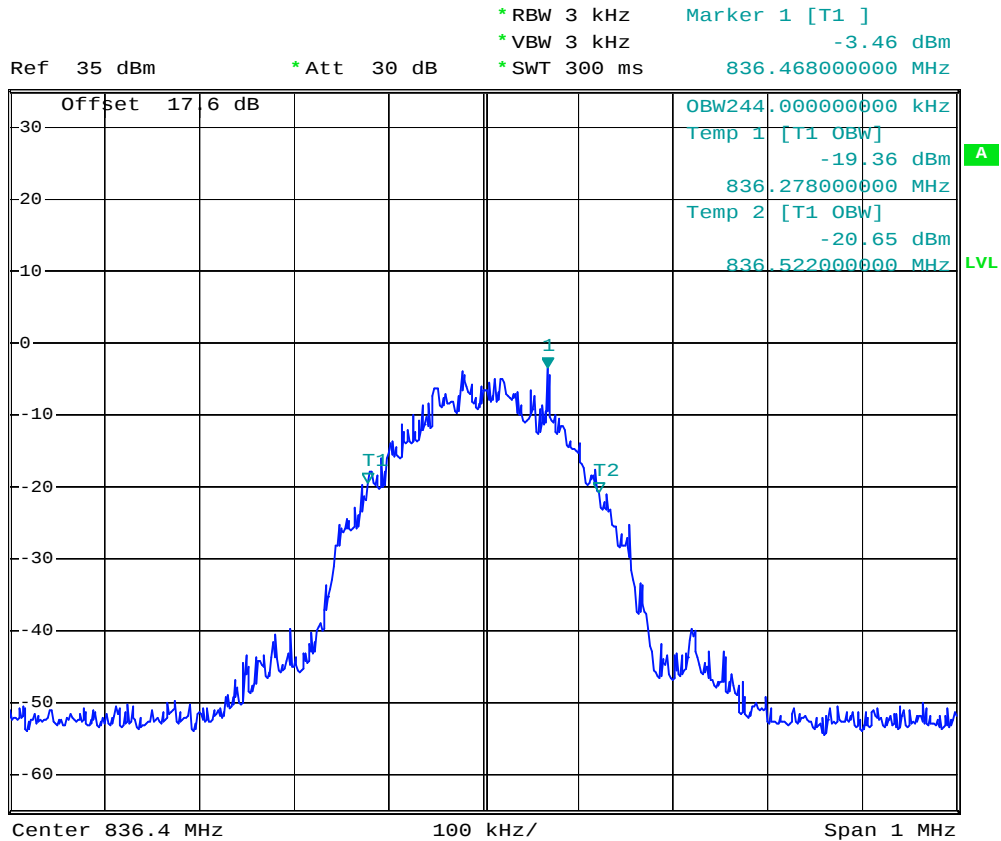
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FCC TEST REPORT

Report No. : FG6O2516

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



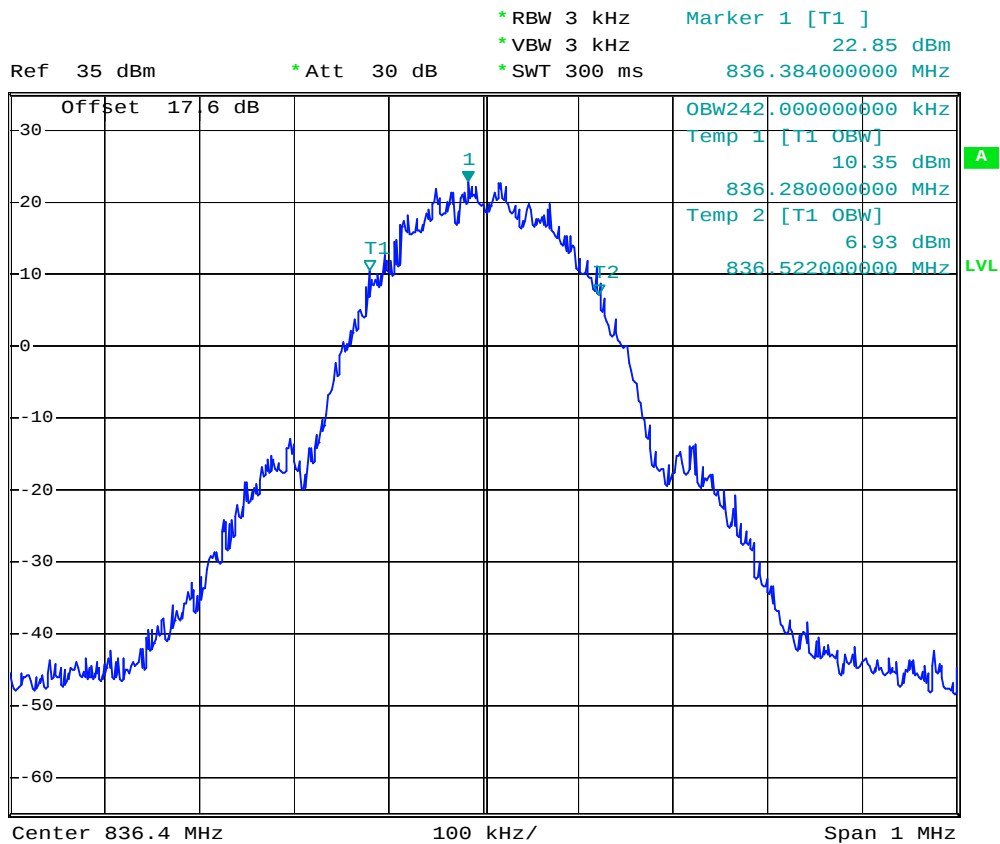
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FCC TEST REPORT

Report No. : FG6O2516

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



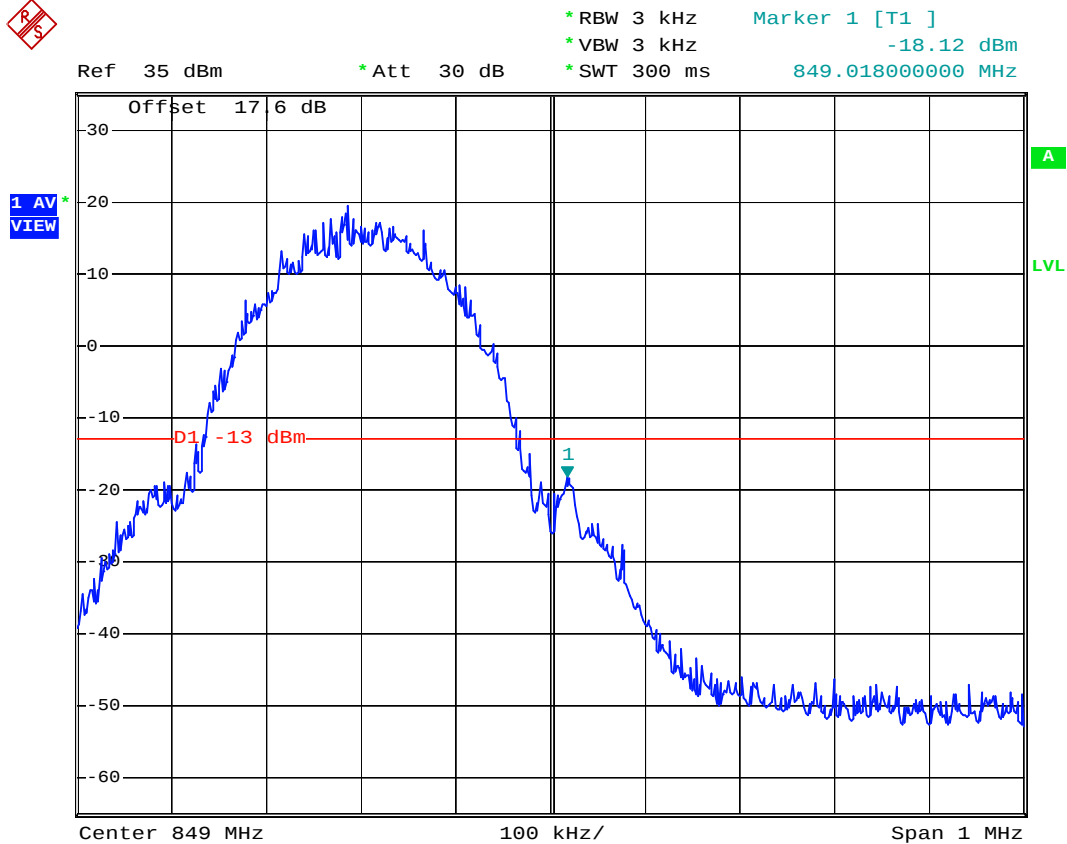
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FCC TEST REPORT

Report No. : FG6O2516

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



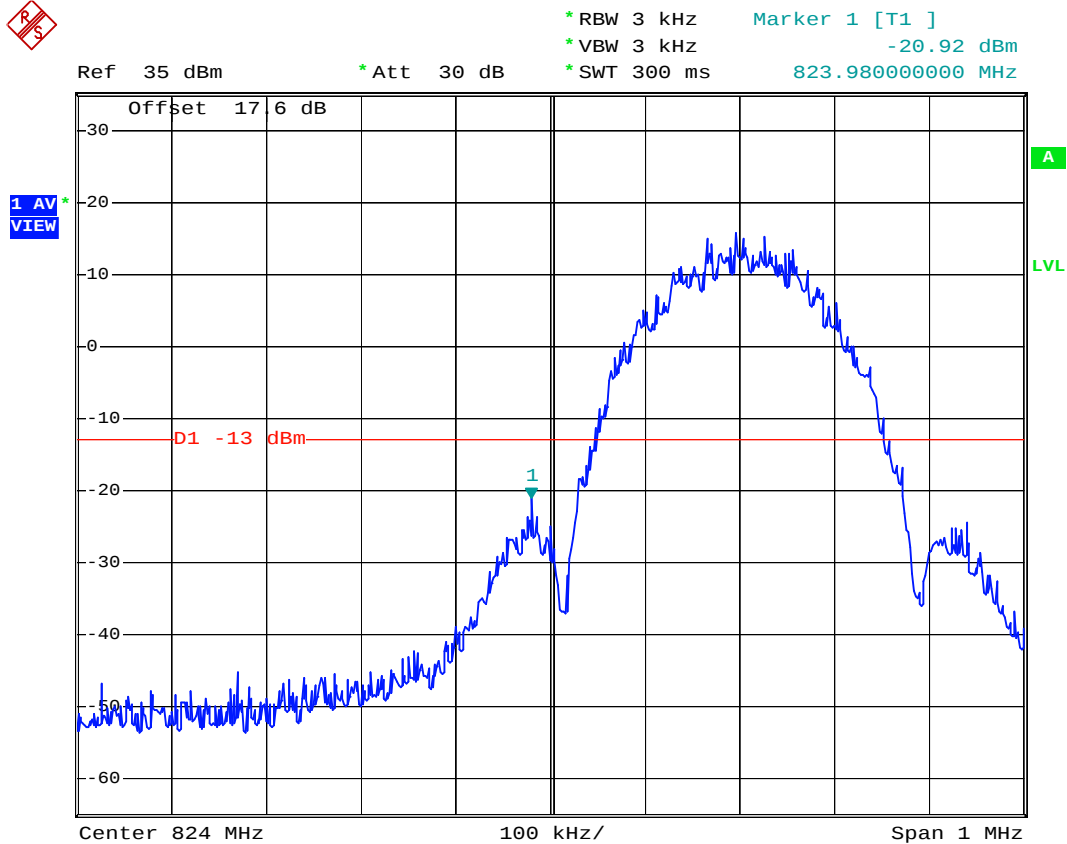
Date: 27.JAN.2007 17:48:39



FCC TEST REPORT

Report No. : FG6O2516

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



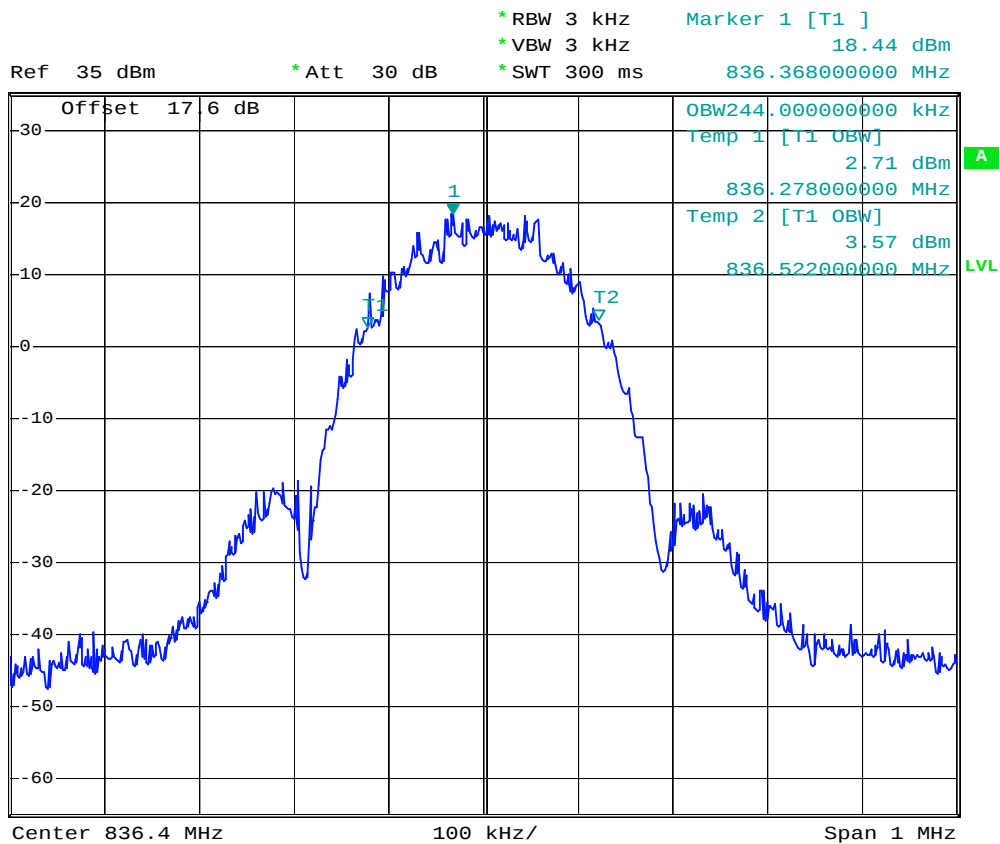
Date: 27.JAN.2007 17:40:00



FCC TEST REPORT

Report No. : FG6O2516

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



Date: 27.JAN.2007 17:34:58



FCC TEST REPORT

Report No. : FG6O2516

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

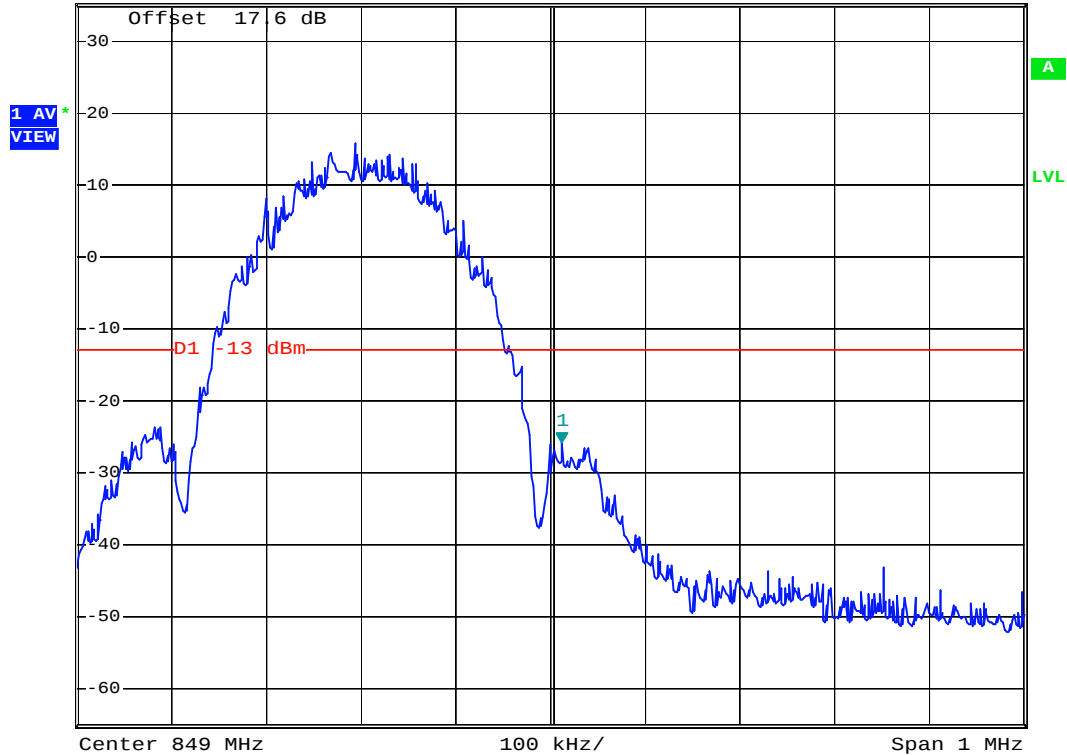


Ref 35 dBm * Att 30 dB * RBW 3 kHz * VBW 3 kHz * SWT 300 ms

Marker 1 [T1]

-25.82 dBm

849.012000000 MHz



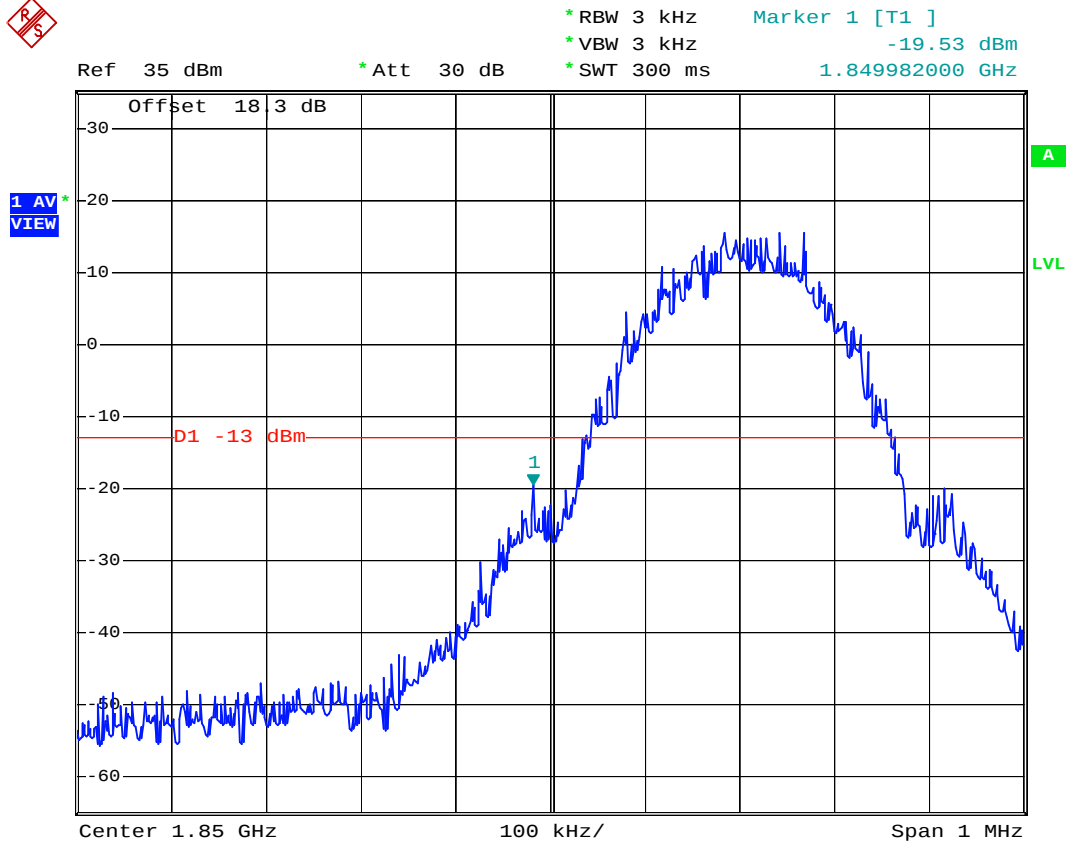
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FCC TEST REPORT

Report No. : FG6O2516

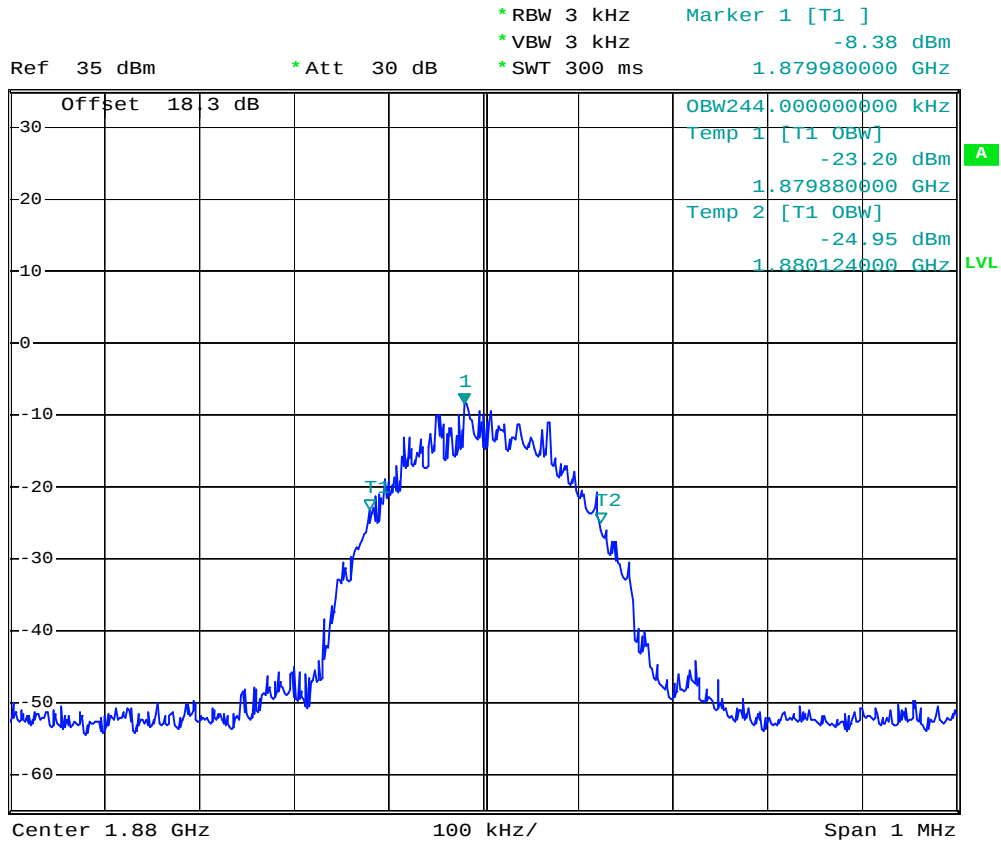
- Mode 3
- Test Mode : PCS1900 (GSM) CH512 Lower Band Edge
- Power State : High



Date: 27.JAN.2007 16:57:43



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



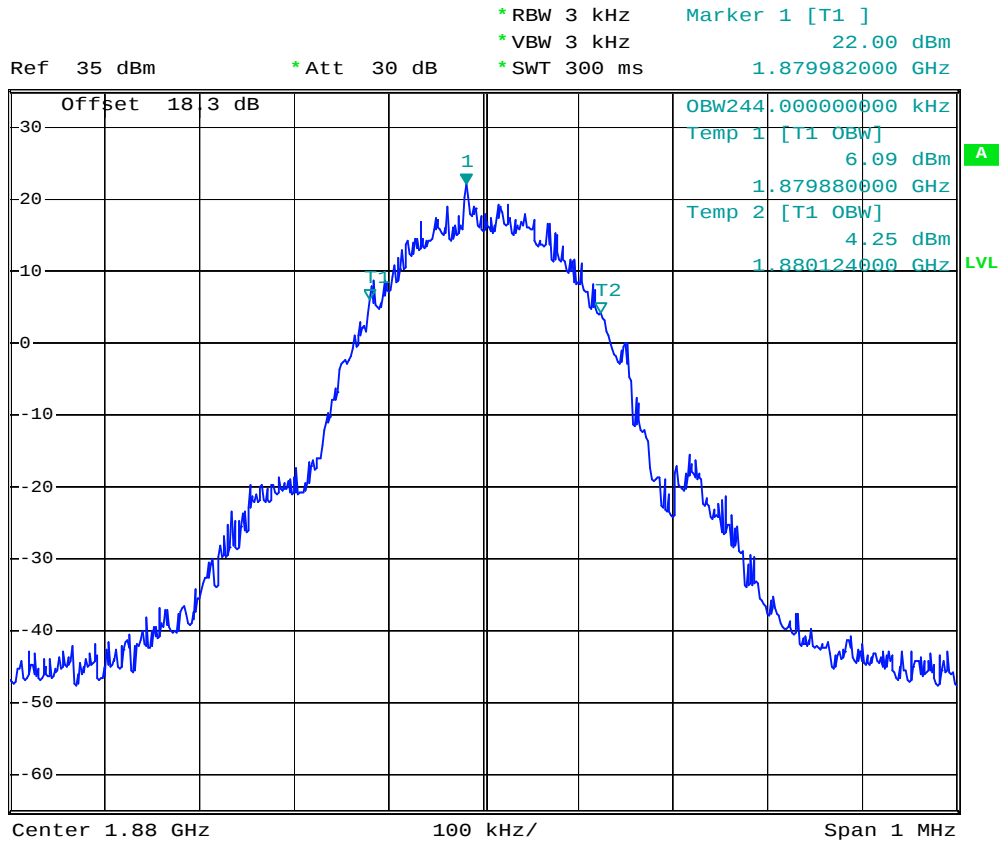
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FCC TEST REPORT

Report No. : FG6O2516

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



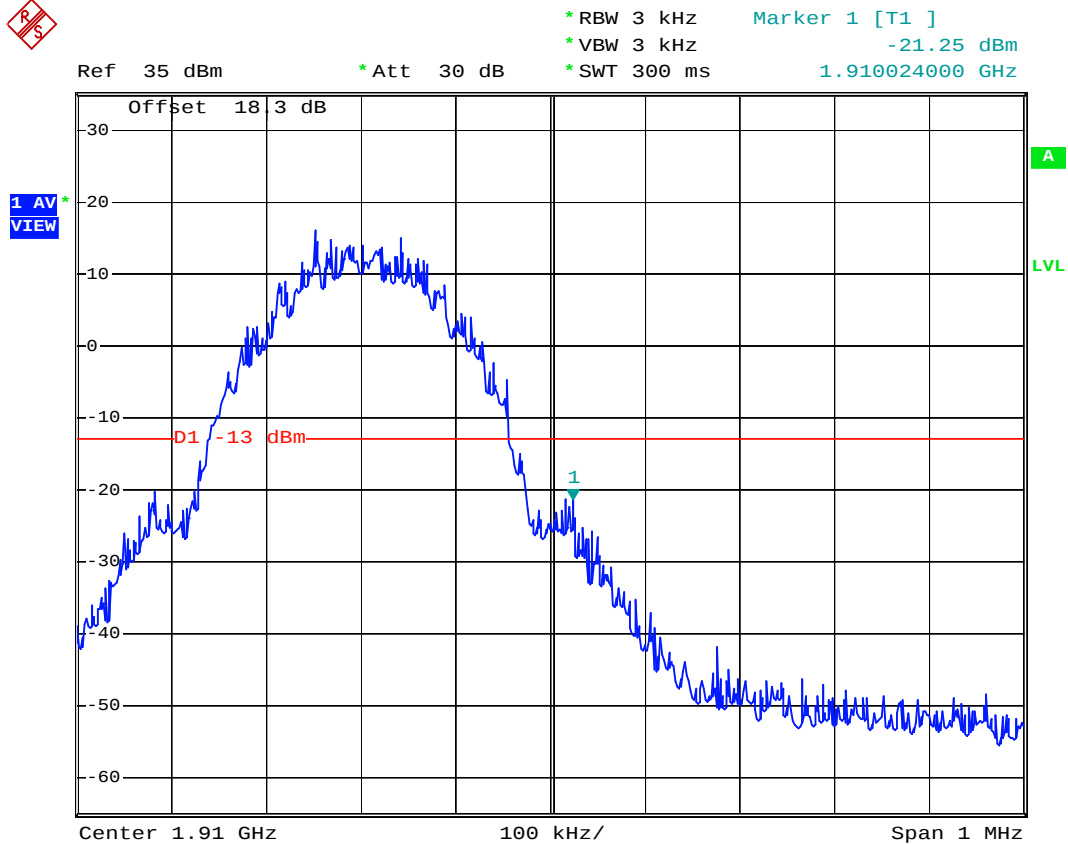
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FCC TEST REPORT

Report No. : FG6O2516

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



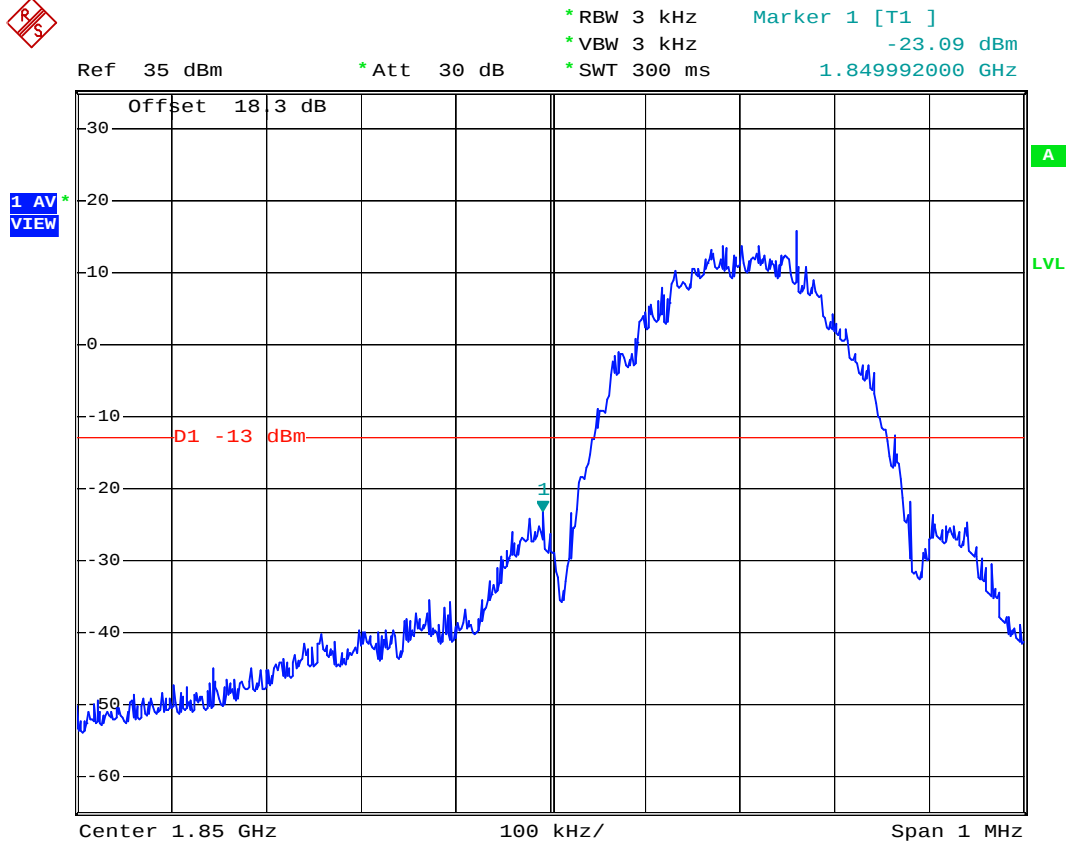
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FCC TEST REPORT

Report No. : FG602516

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



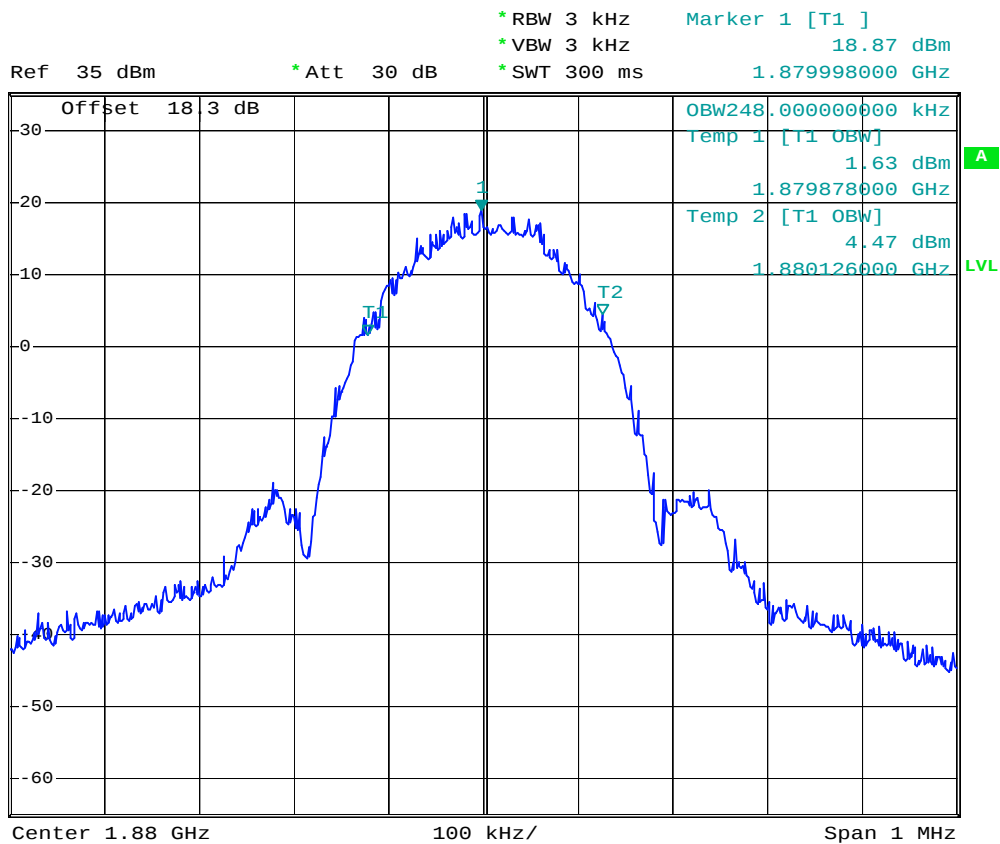
Date: 27.JAN.2007 16:25:29



FCC TEST REPORT

Report No. : FG6O2516

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



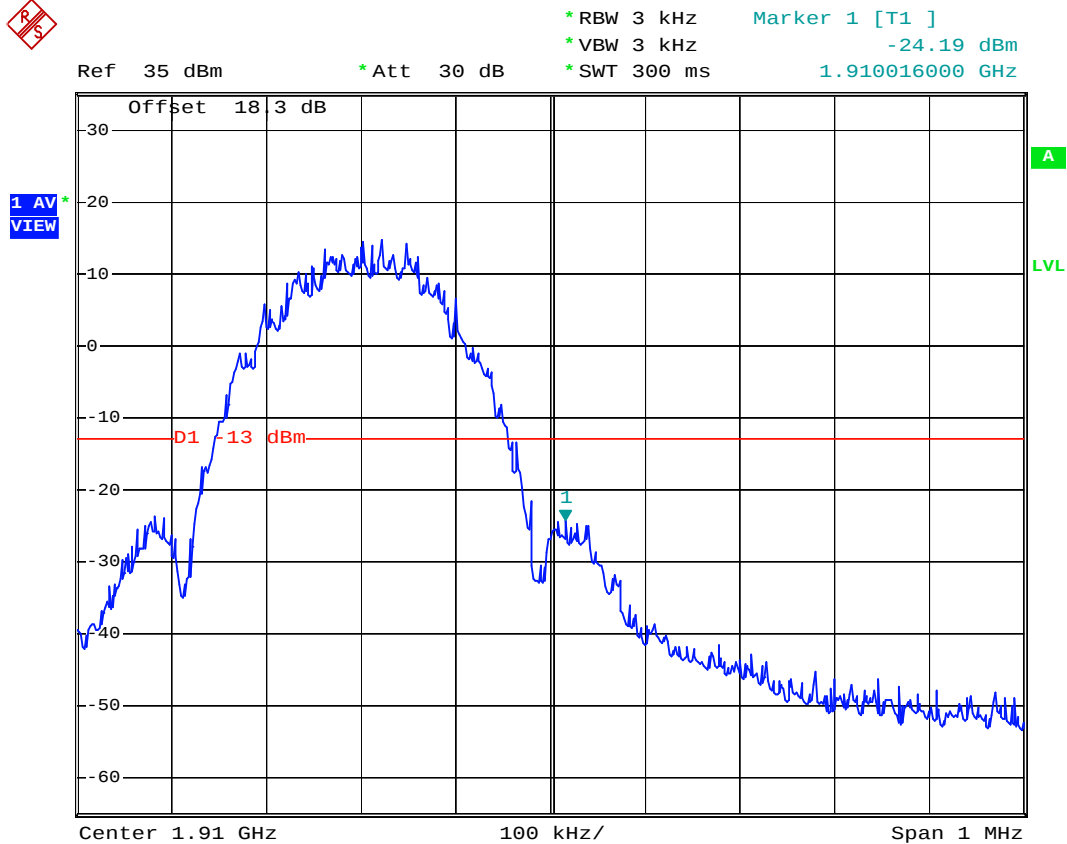
Date: 27.JAN.2007 16:18:21



FCC TEST REPORT

Report No. : FG6O2516

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



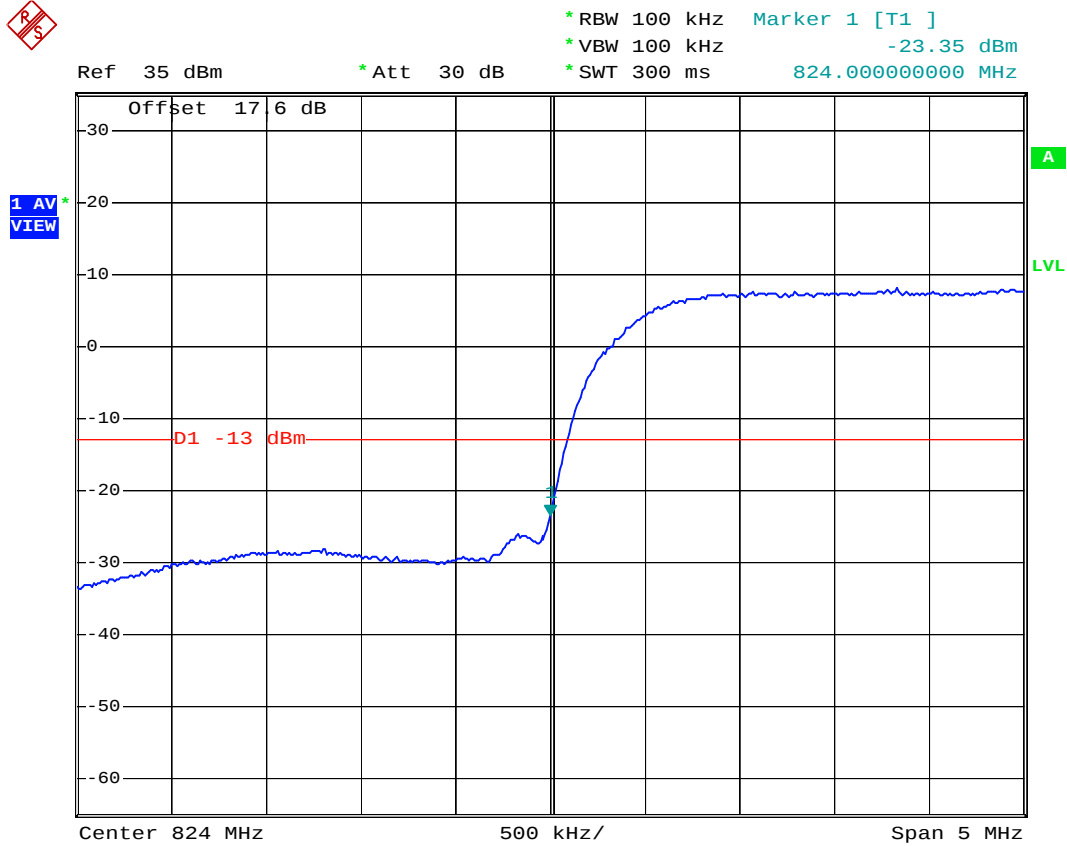
Date: 27.JAN.2007 16:27:35



FCC TEST REPORT

Report No. : FG6O2516

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



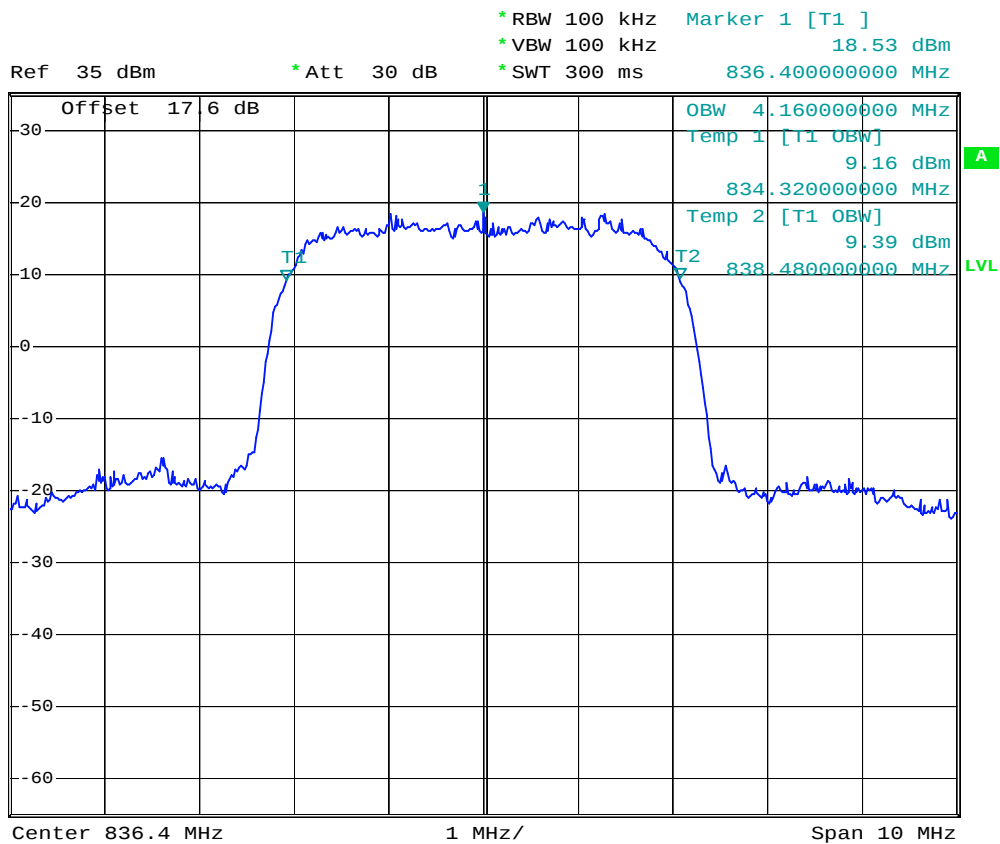
Date: 27.JAN.2007 22:52:10



FCC TEST REPORT

Report No. : FG6O2516

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



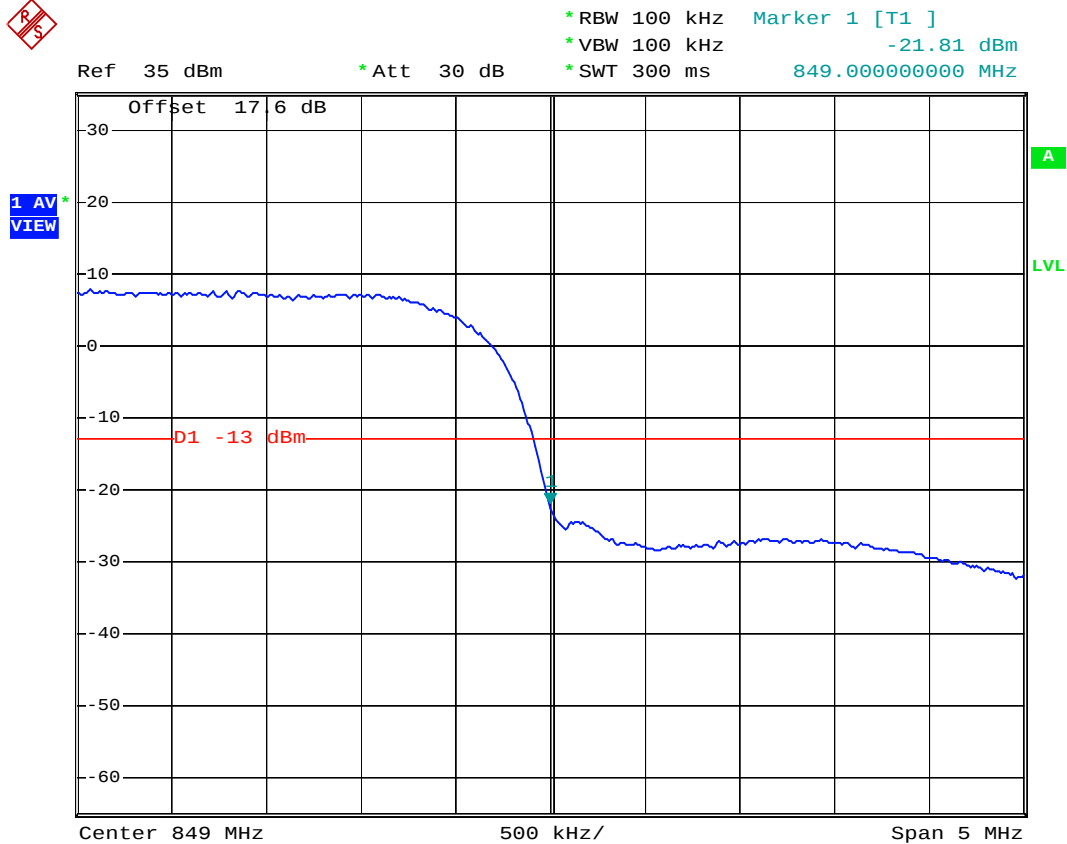
Date: 27.JAN.2007 22:50:10



FCC TEST REPORT

Report No. : FG6O2516

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



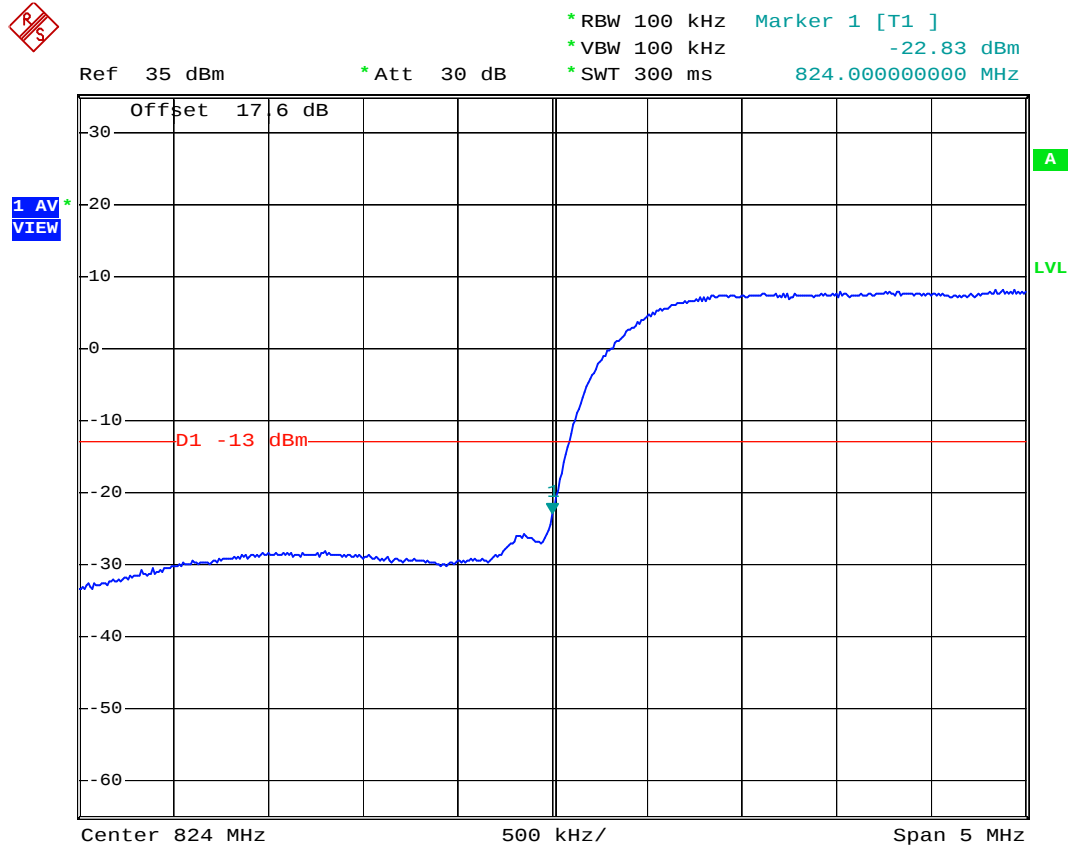
Date: 27.JAN.2007 22:52:44



FCC TEST REPORT

Report No. : FG6O2516

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



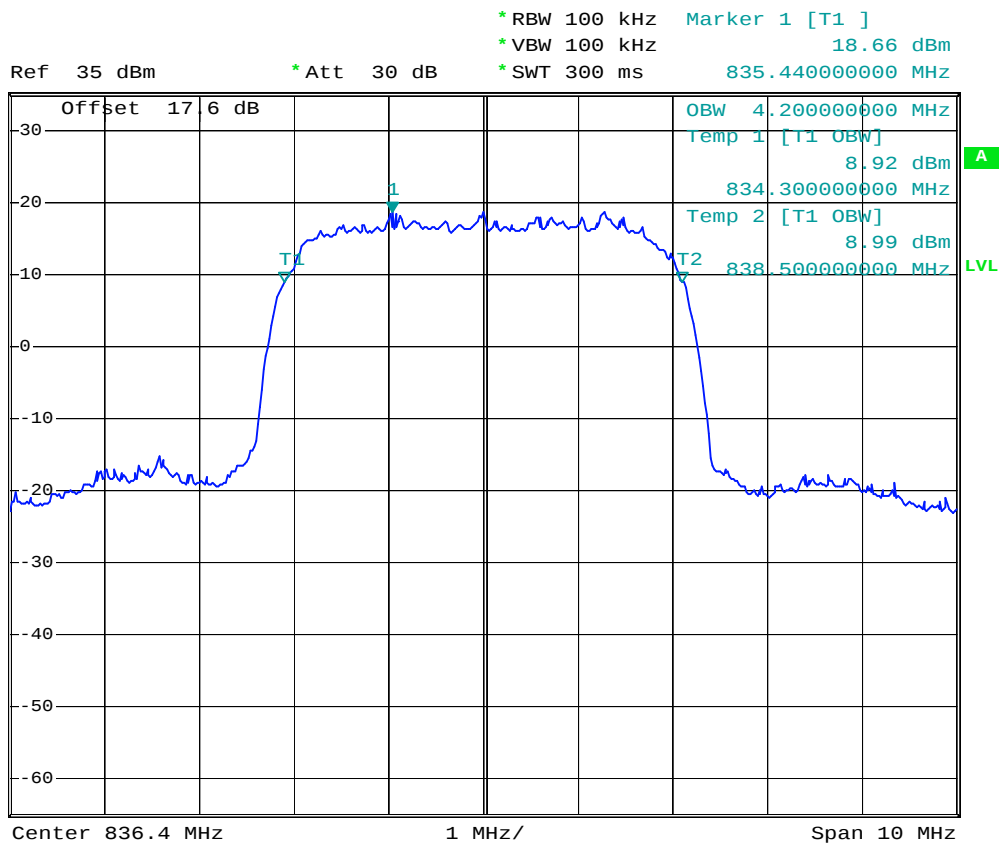
Date: 27.JAN.2007 23:12:33



FCC TEST REPORT

Report No. : FG6O2516

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



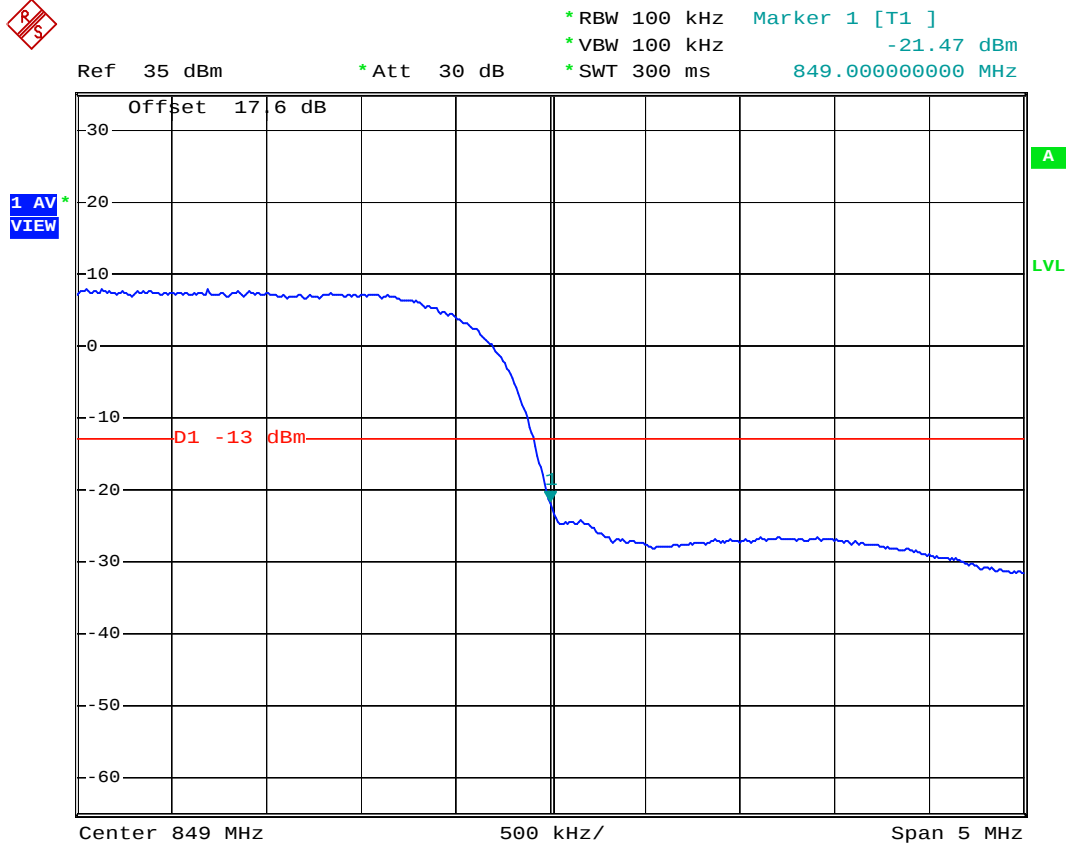
Date: 27.JAN.2007 23:13:32



FCC TEST REPORT

Report No. : FG6O2516

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



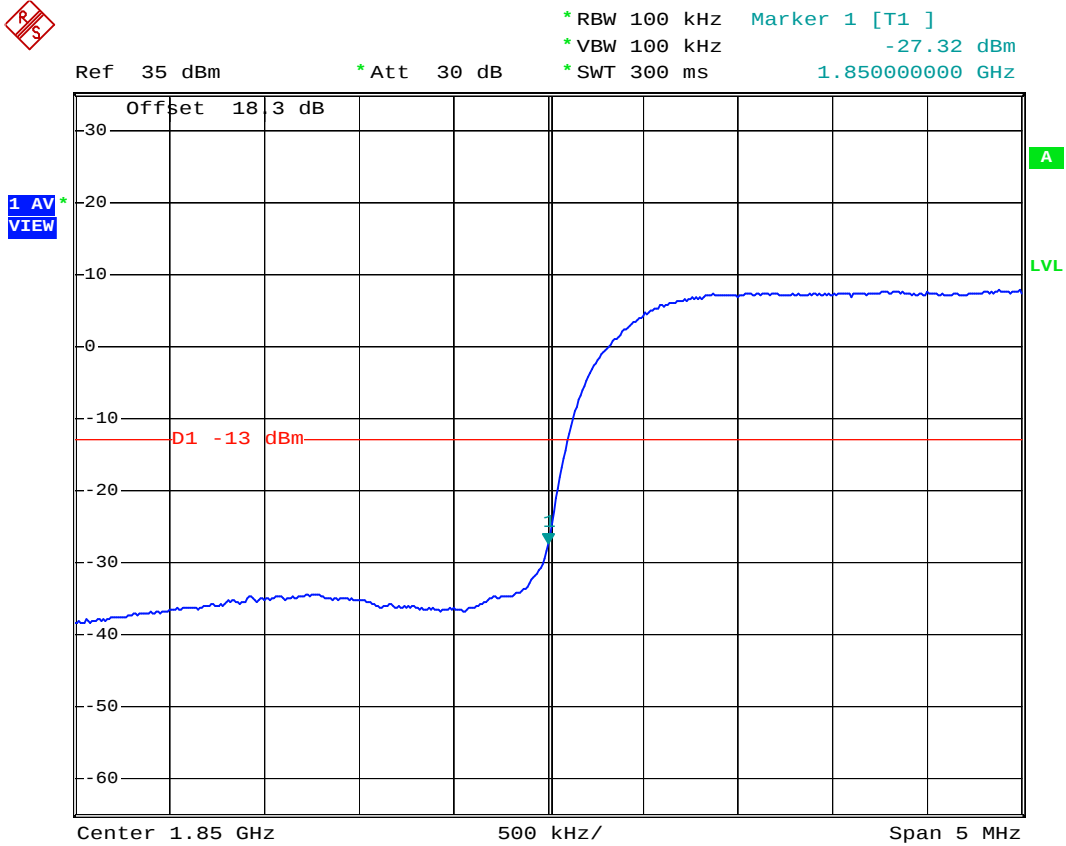
Date: 27.JAN.2007 23:11:58



FCC TEST REPORT

Report No. : FG6O2516

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



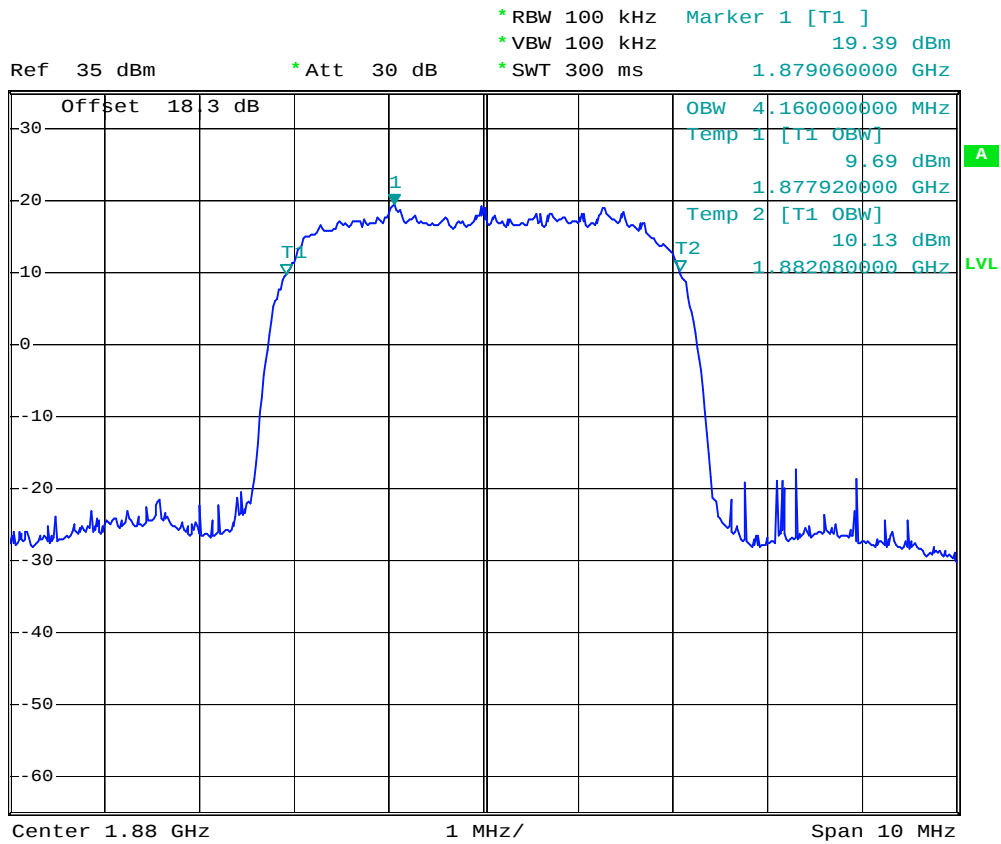
Date: 27.JAN.2007 21:20:43



FCC TEST REPORT

Report No. : FG6O2516

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



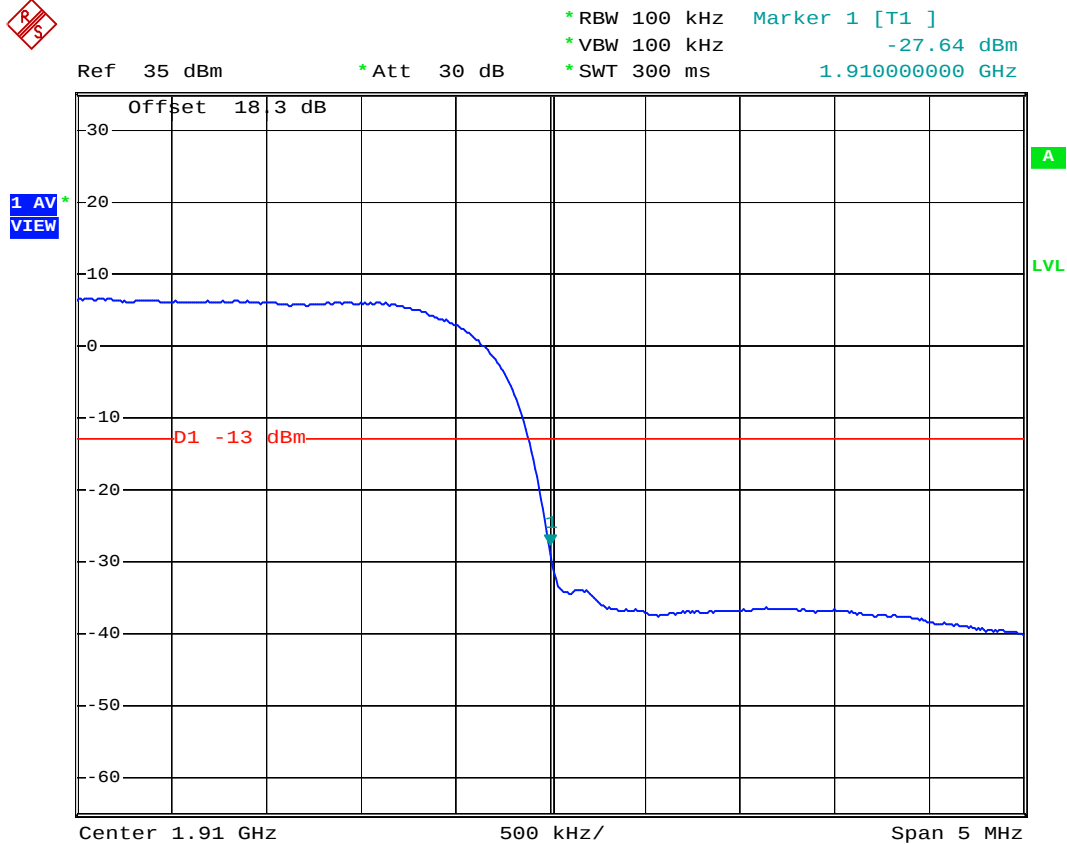
Date: 27.JAN.2007 21:19:15



FCC TEST REPORT

Report No. : FG6O2516

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



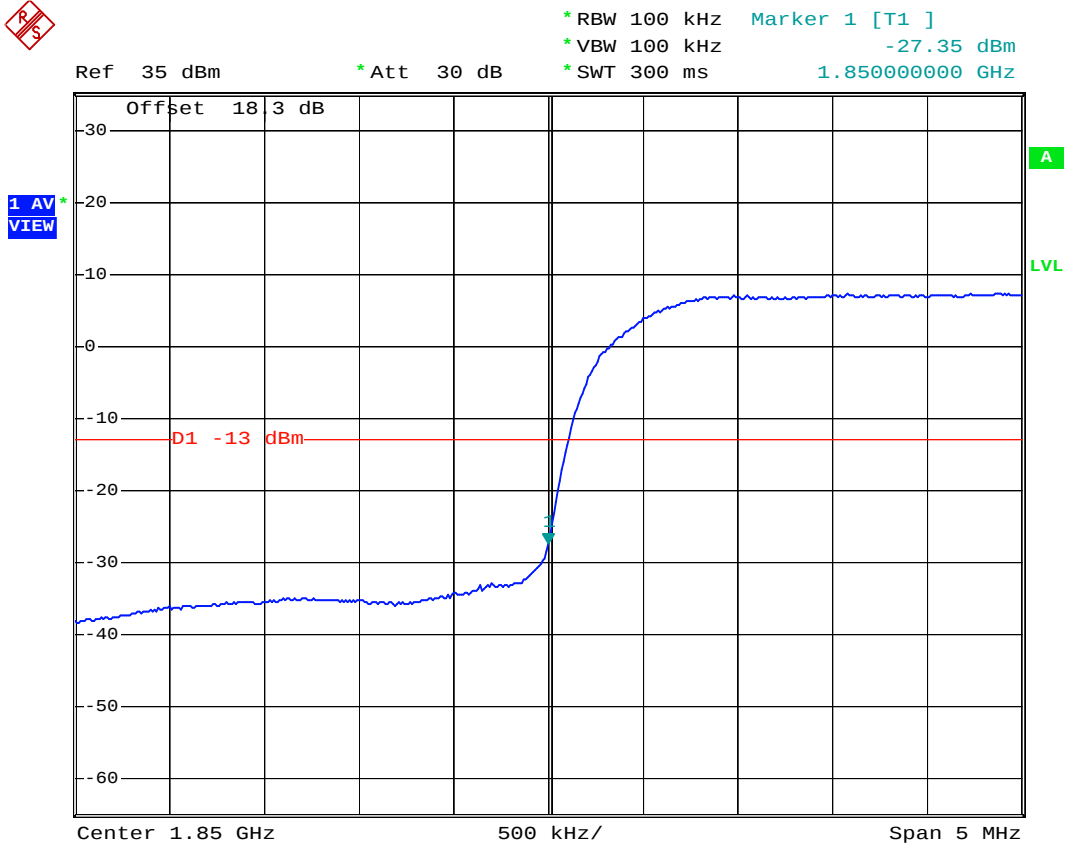
Date: 27.JAN.2007 21:22:48



FCC TEST REPORT

Report No. : FG6O2516

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



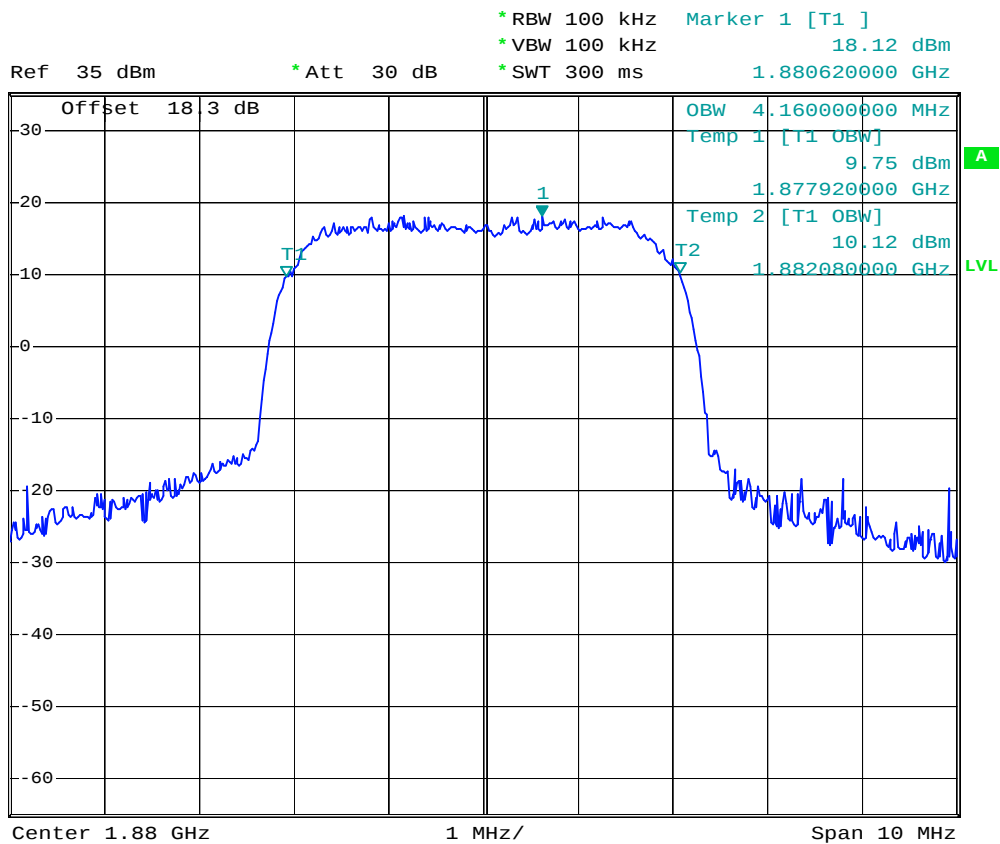
Date: 27.JAN.2007 21:21:27



FCC TEST REPORT

Report No. : FG6O2516

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



Date: 27.JAN.2007 21:15:13



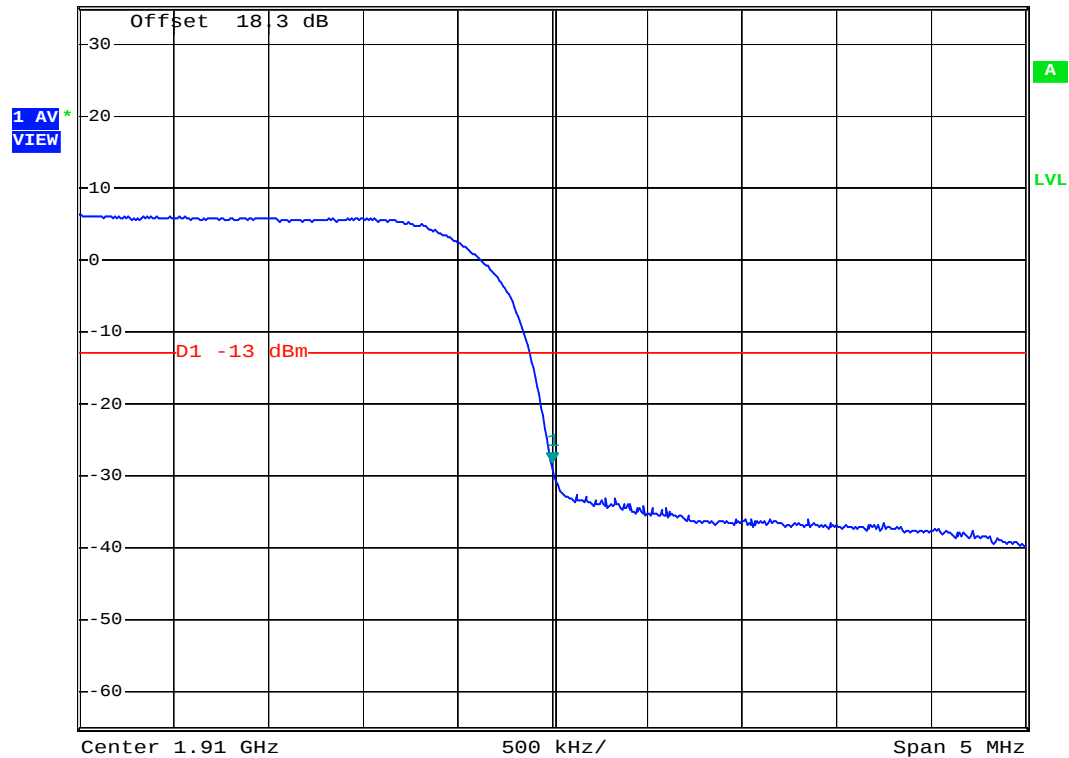
FCC TEST REPORT

Report No. : FG6O2516

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



Ref 35 dBm * Att 30 dB * RBW 100 kHz Marker 1 [T1]
* VBW 100 kHz -28.04 dBm
* SWT 300 ms 1.910000000 GHz



Date: 27.JAN.2007 21:22:12

4.5 Conducted Emission

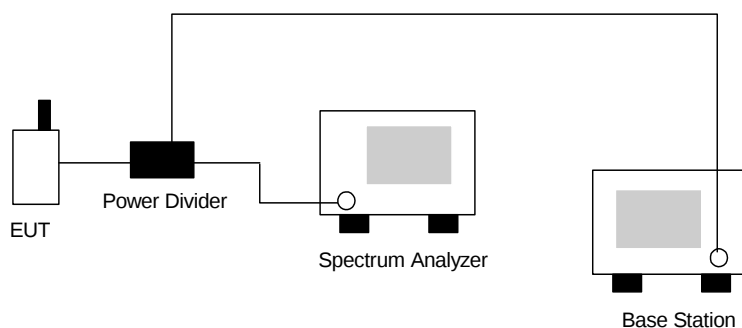
4.5.1 Measurement Instruments

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.

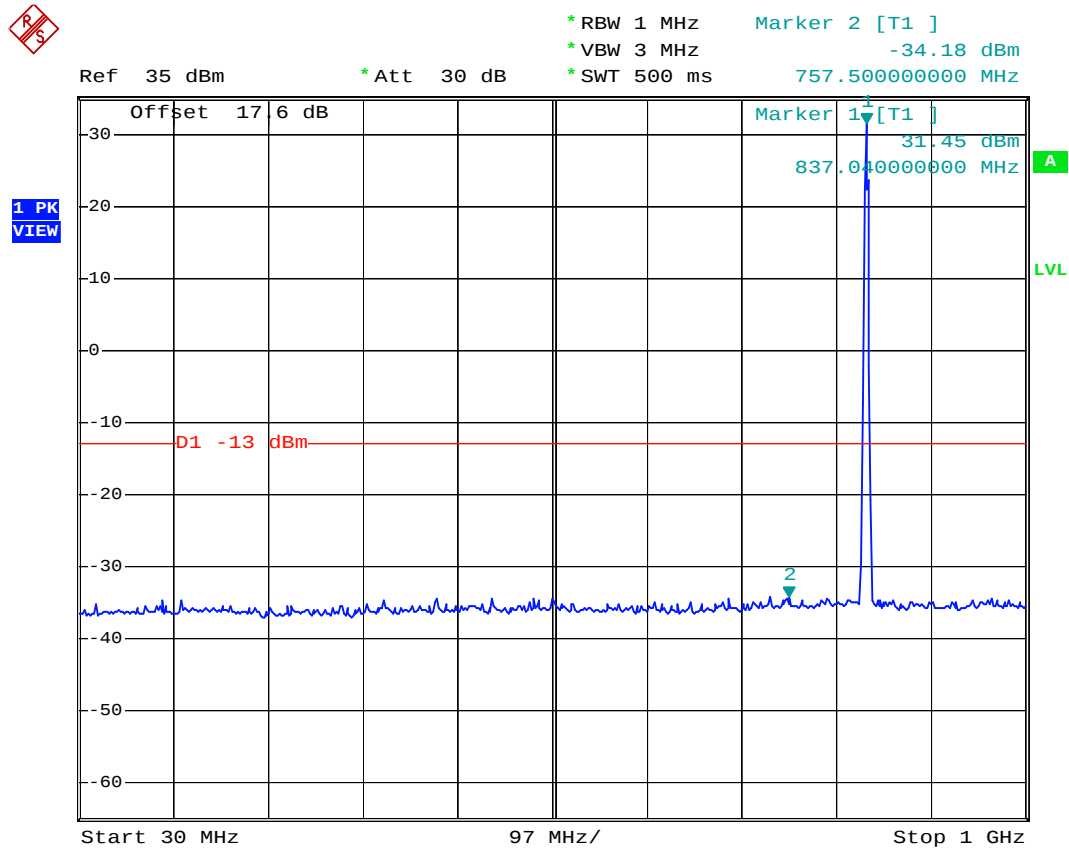
4.5.3 Test Setup Layout





4.5.4 Test Result

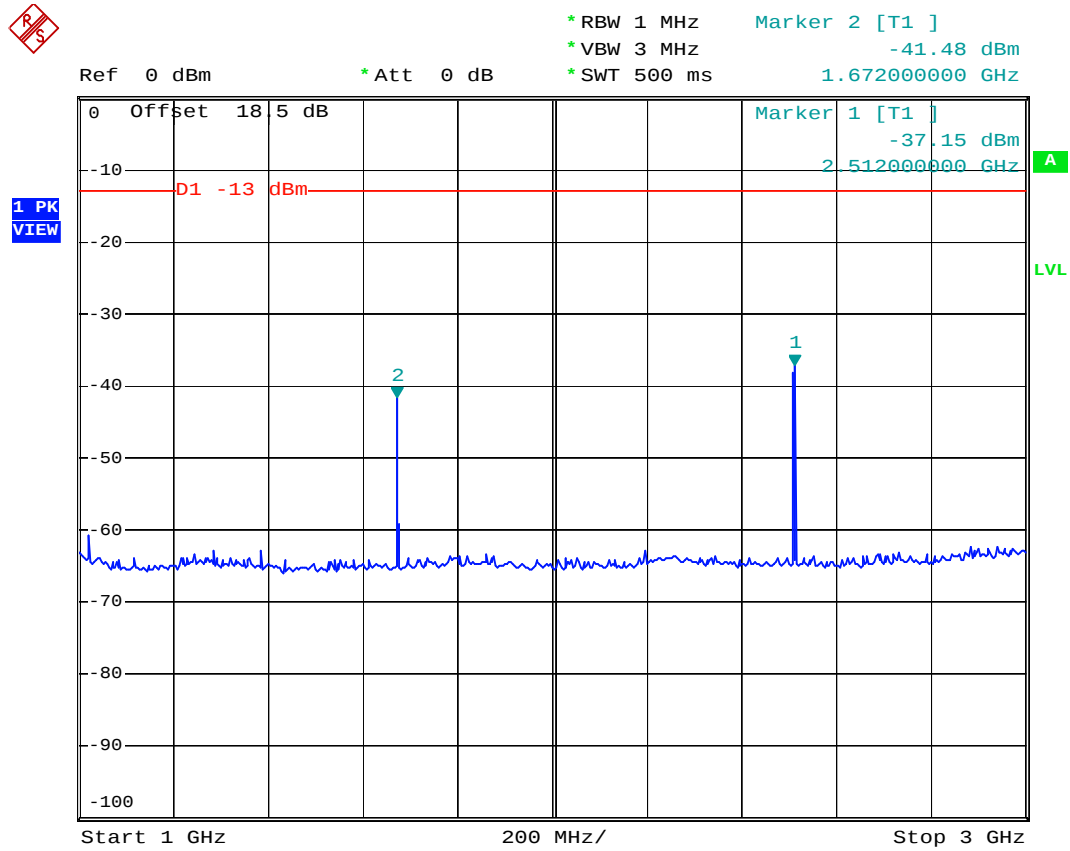
- Mode 1
- Test Mode : GSM850 (GSM) CH189
- Frequency Range : 30M-1G



Date: 27.JAN.2007 17:20:30



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



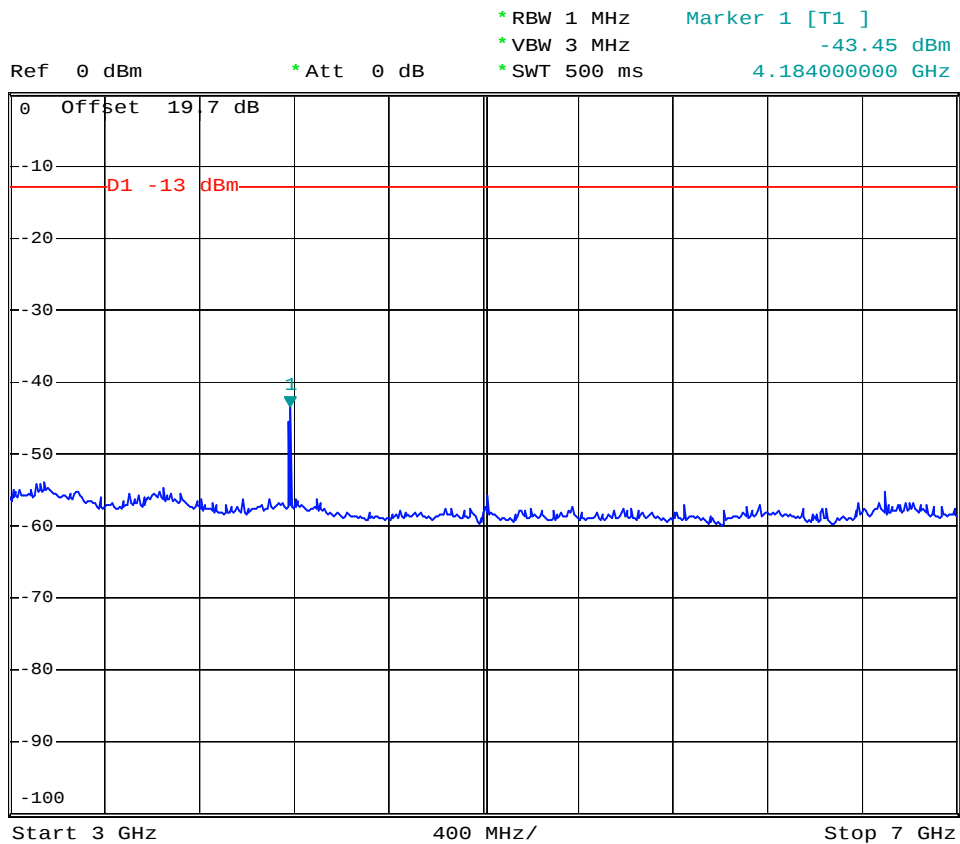
Date: 27.JAN.2007 17:24:35



FCC TEST REPORT

Report No. : FG6O2516

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



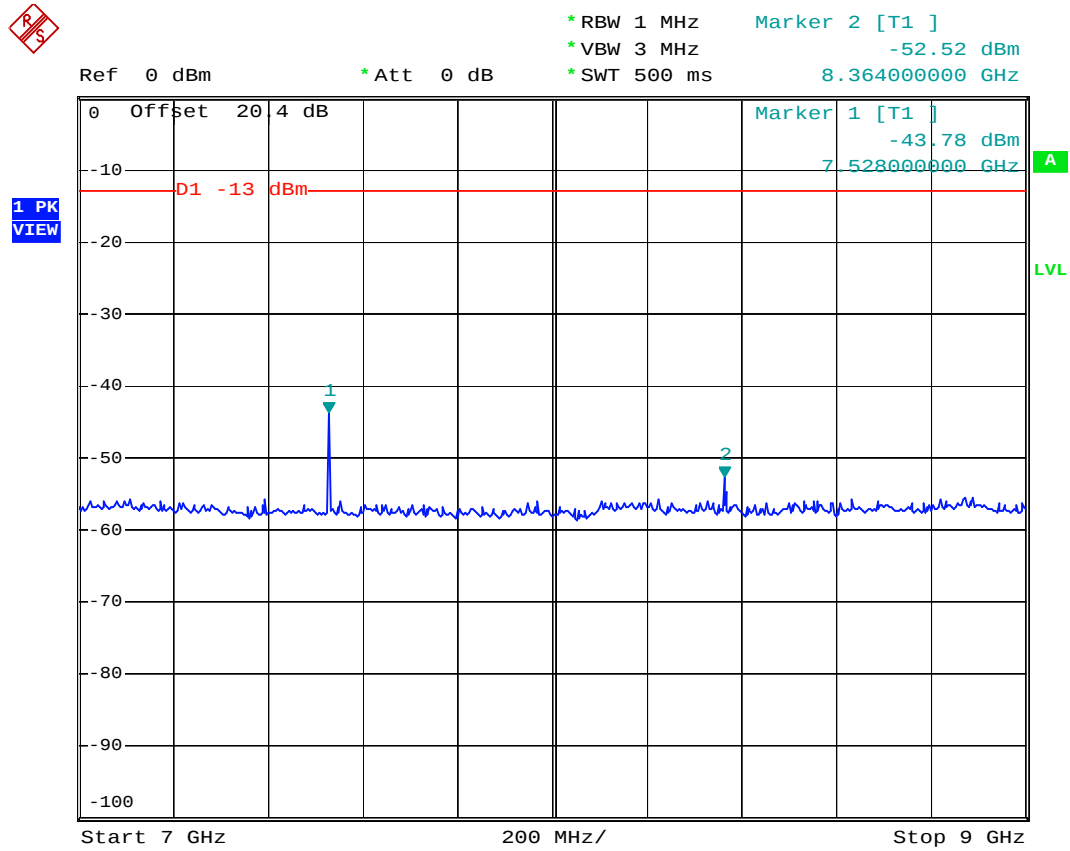
Date: 27.JAN.2007 17:25:40



FCC TEST REPORT

Report No. : FG6O2516

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



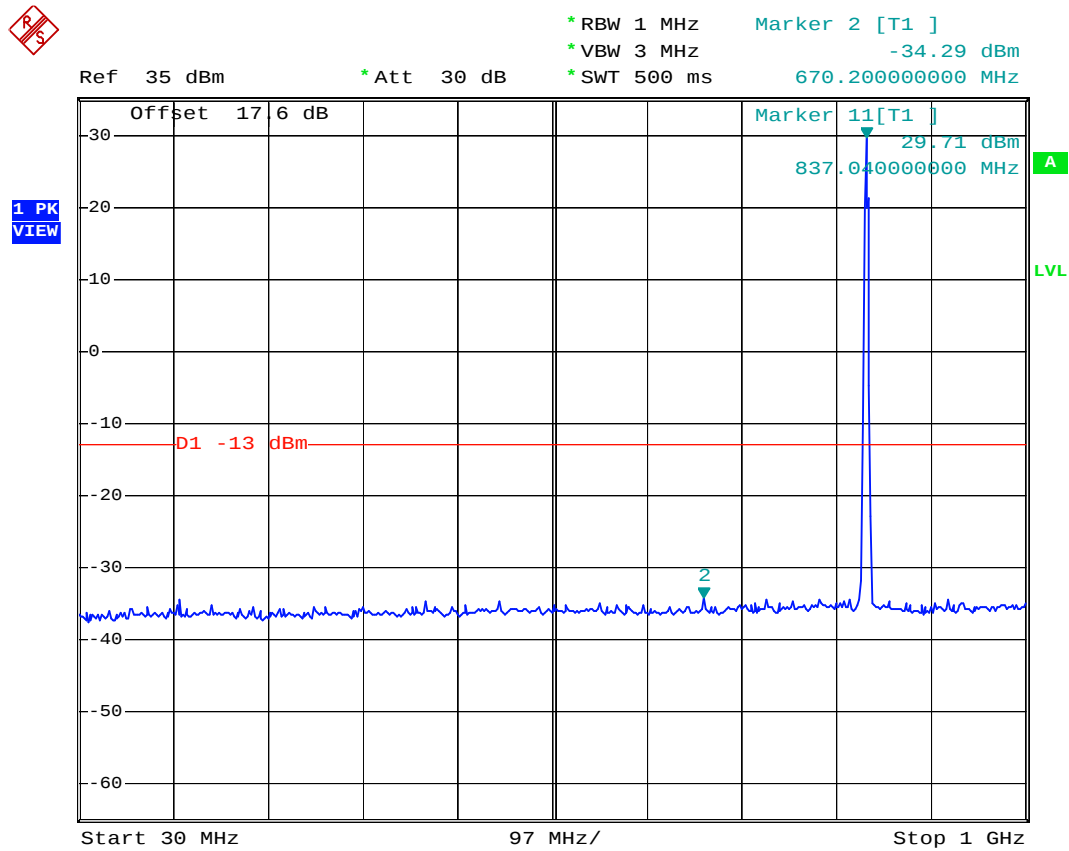
Date: 27.JAN.2007 17:26:33



FCC TEST REPORT

Report No. : FG602516

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



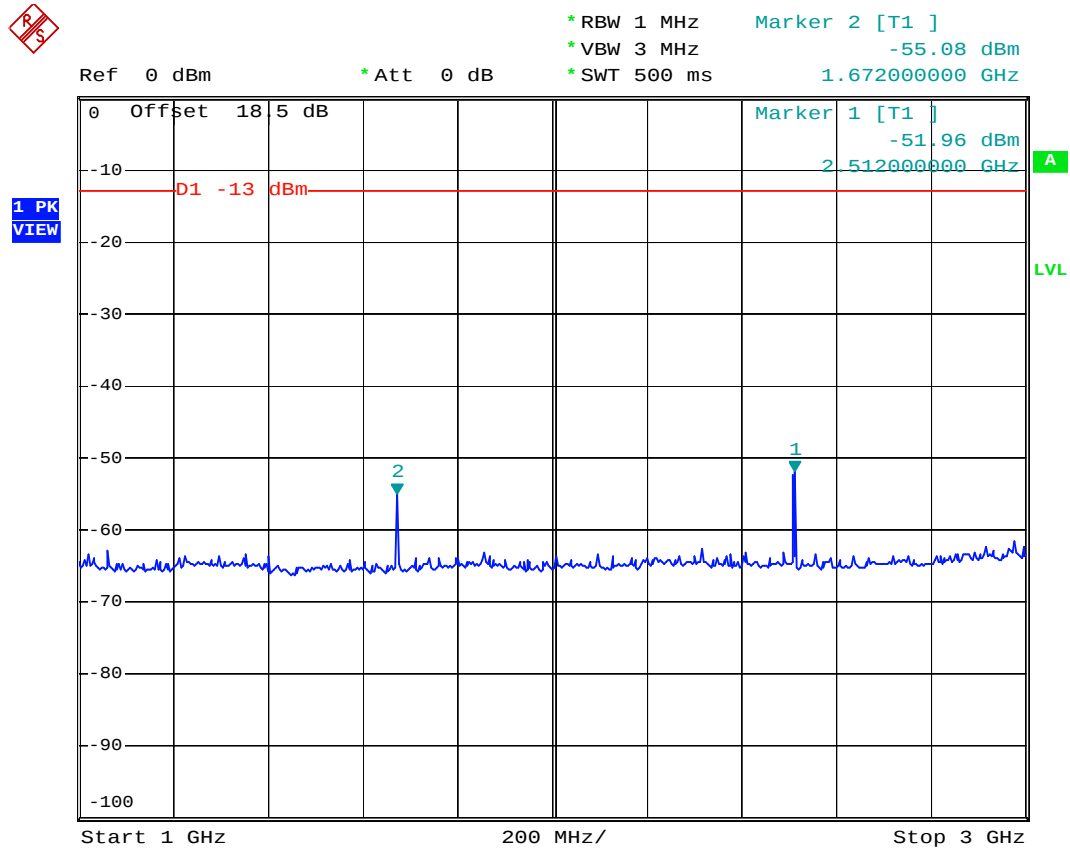
Date: 27.JAN.2007 17:32:44



FCC TEST REPORT

Report No. : FG602516

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



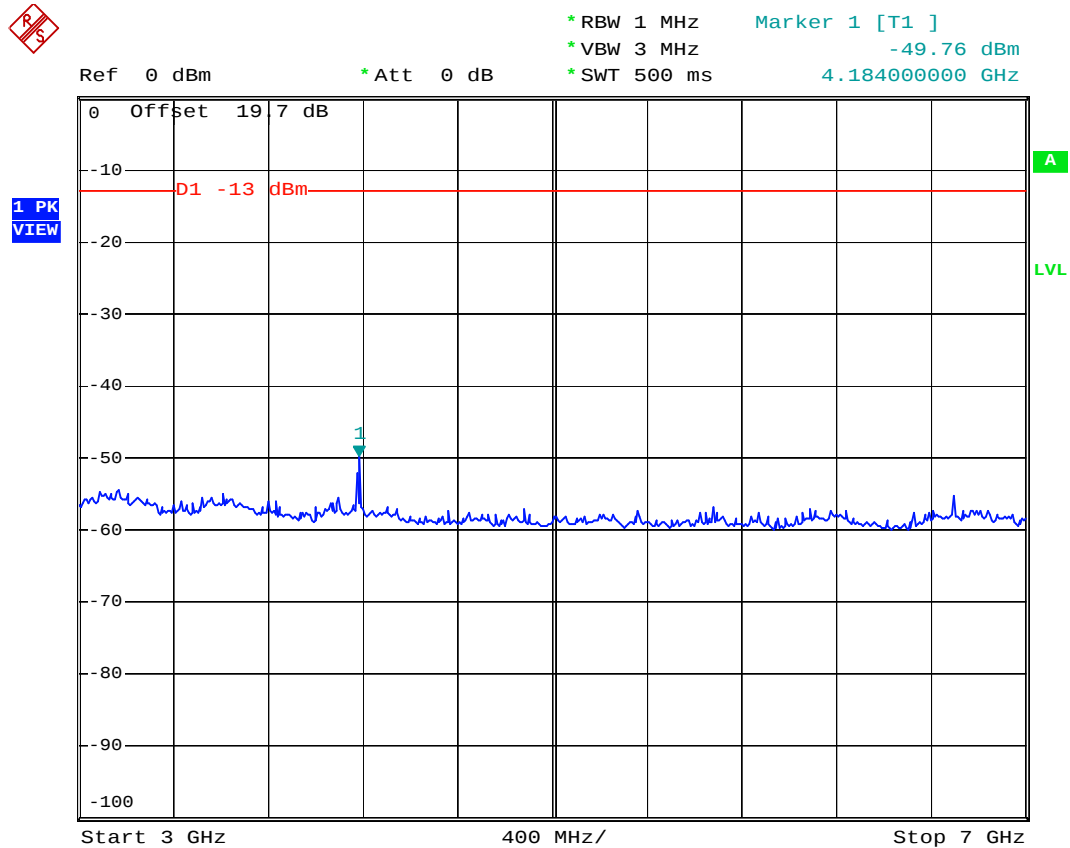
Date: 27.JAN.2007 17:30:08



FCC TEST REPORT

Report No. : FG6O2516

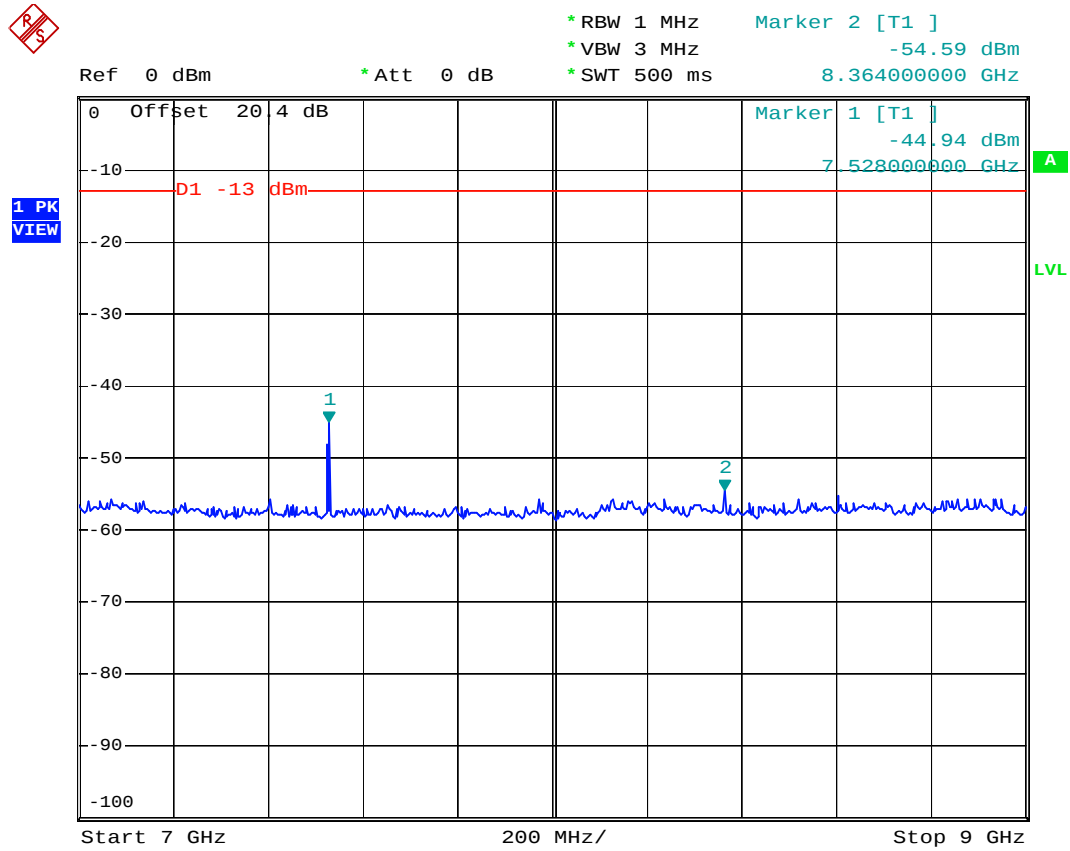
- Test Mode : GSM850 (EDGE) CH189
- Frequency Range : 3G-7G



Date: 27.JAN.2007 17:29:15



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



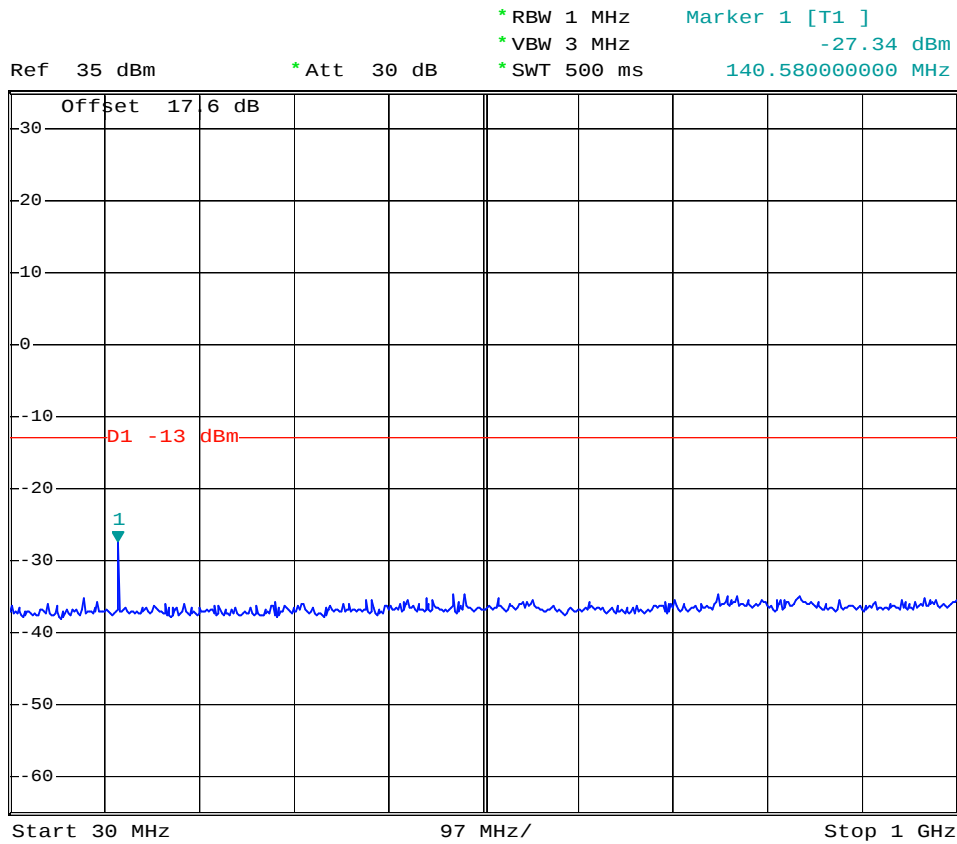
Date: 27.JAN.2007 17:28:33



FCC TEST REPORT

Report No. : FG6O2516

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



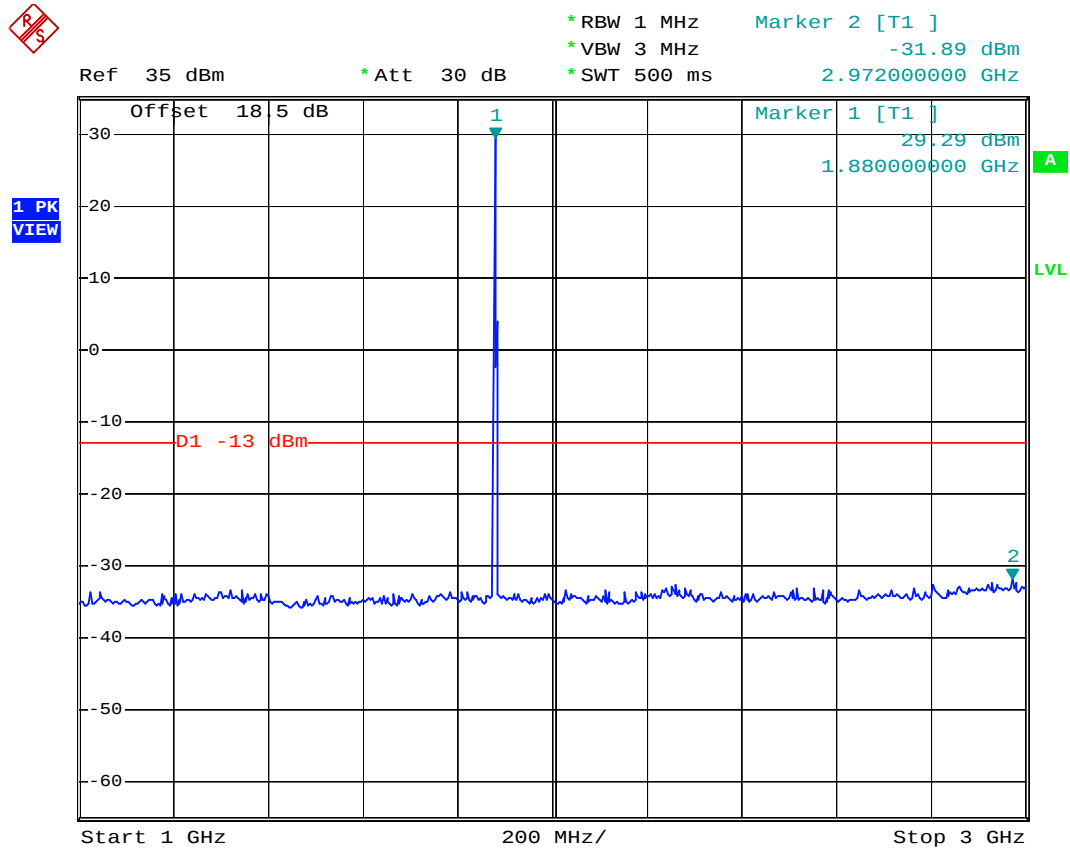
Date: 27.JAN.2007 17:00:08



FCC TEST REPORT

Report No. : FG6O2516

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



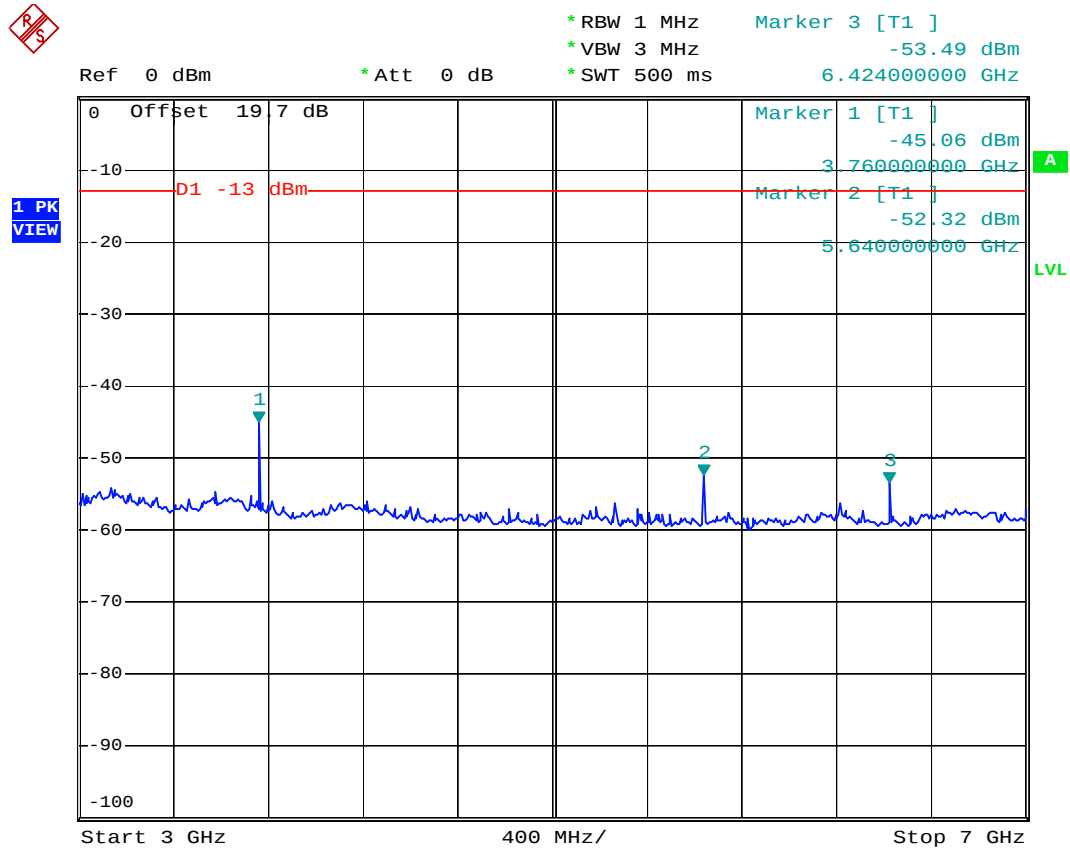
Date: 27.JAN.2007 17:01:31



FCC TEST REPORT

Report No. : FG6O2516

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



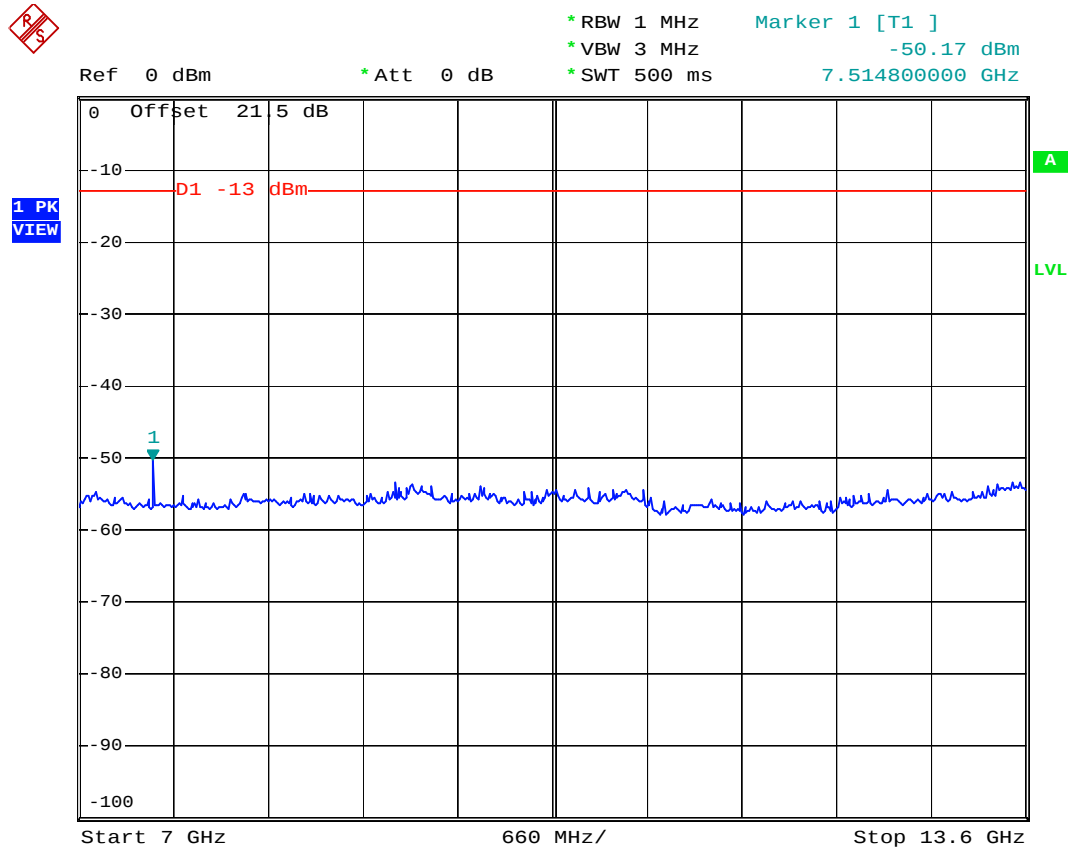
Date: 27.JAN.2007 17:02:34



FCC TEST REPORT

Report No. : FG6O2516

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



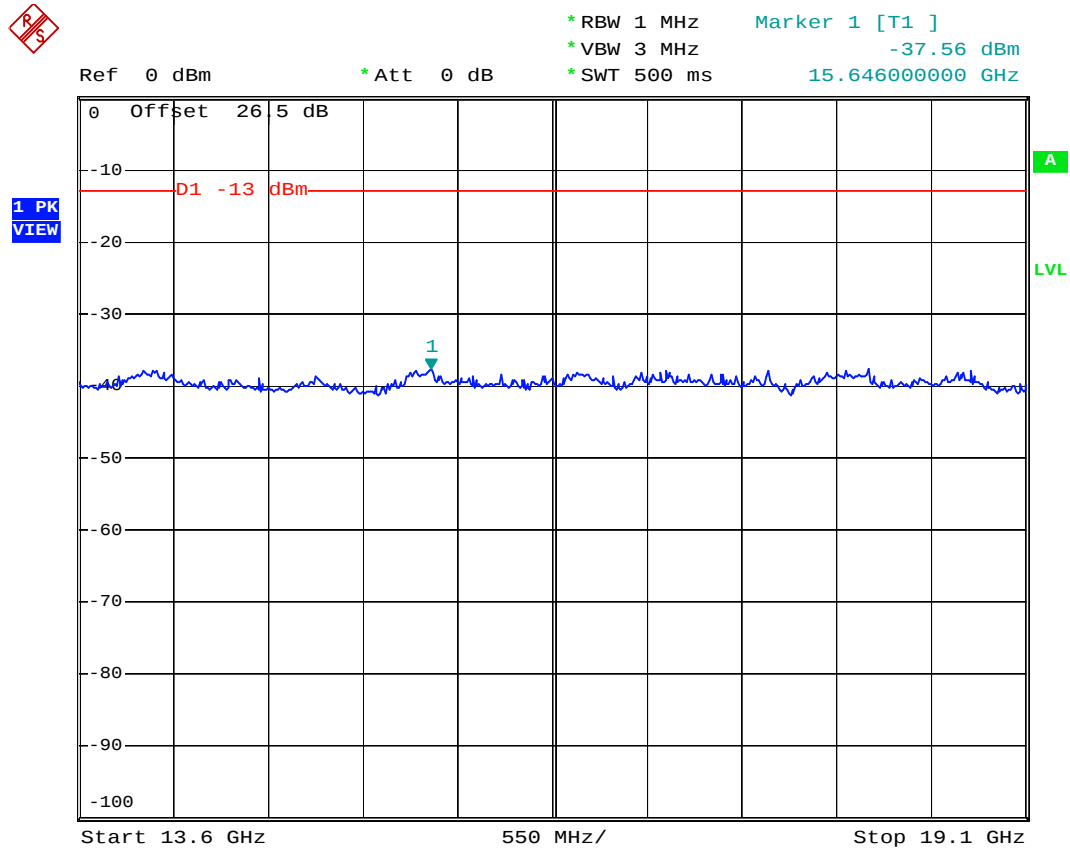
Date: 27.JAN.2007 17:03:22



FCC TEST REPORT

Report No. : FG6O2516

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



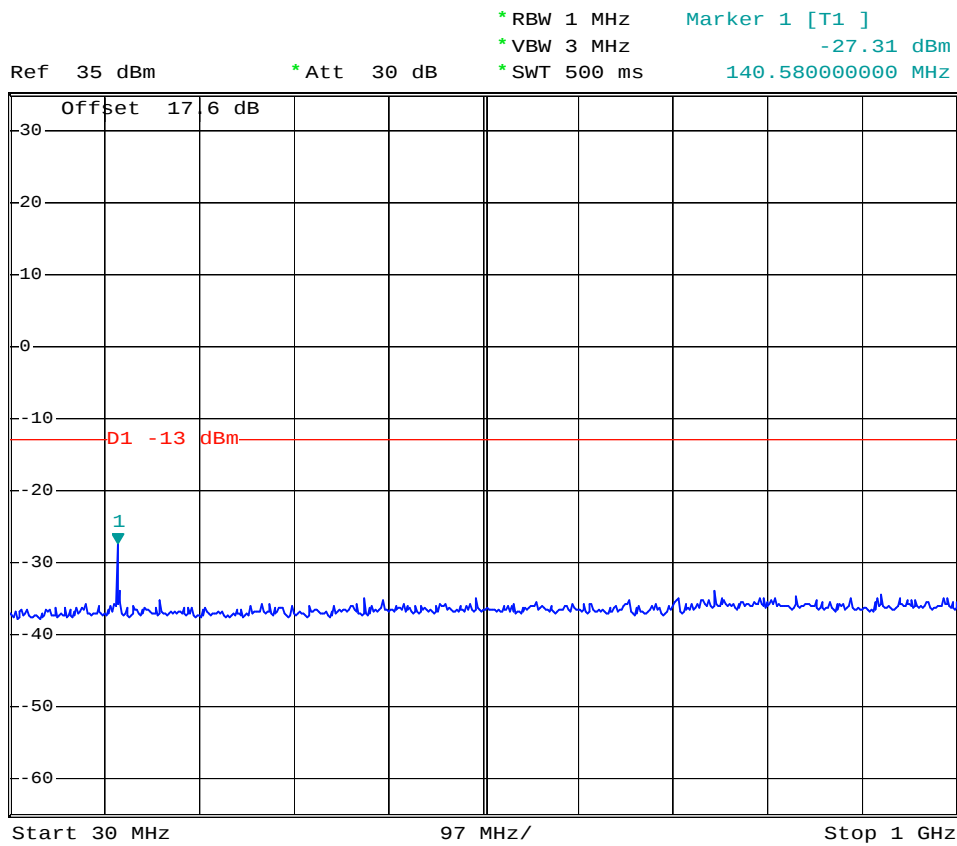
Date: 27.JAN.2007 17:04:26



FCC TEST REPORT

Report No. : FG6O2516

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



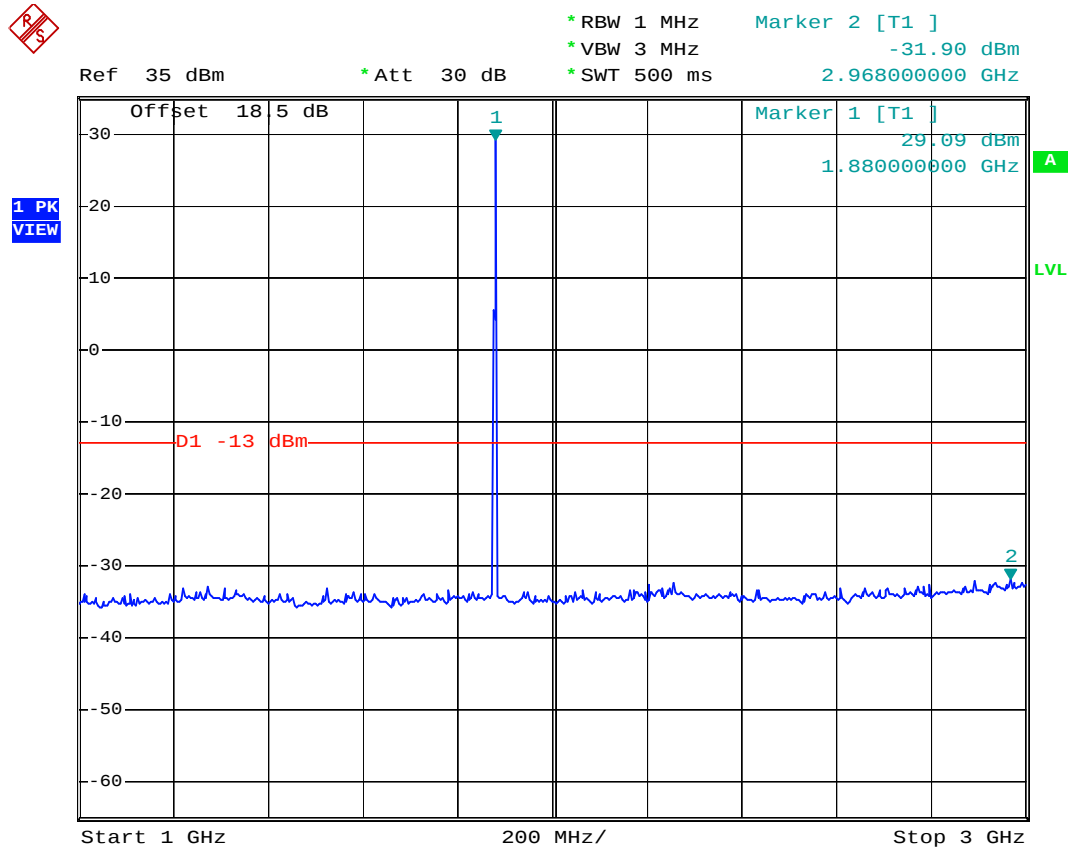
Date: 27.JAN.2007 16:30:00



FCC TEST REPORT

Report No. : FG6O2516

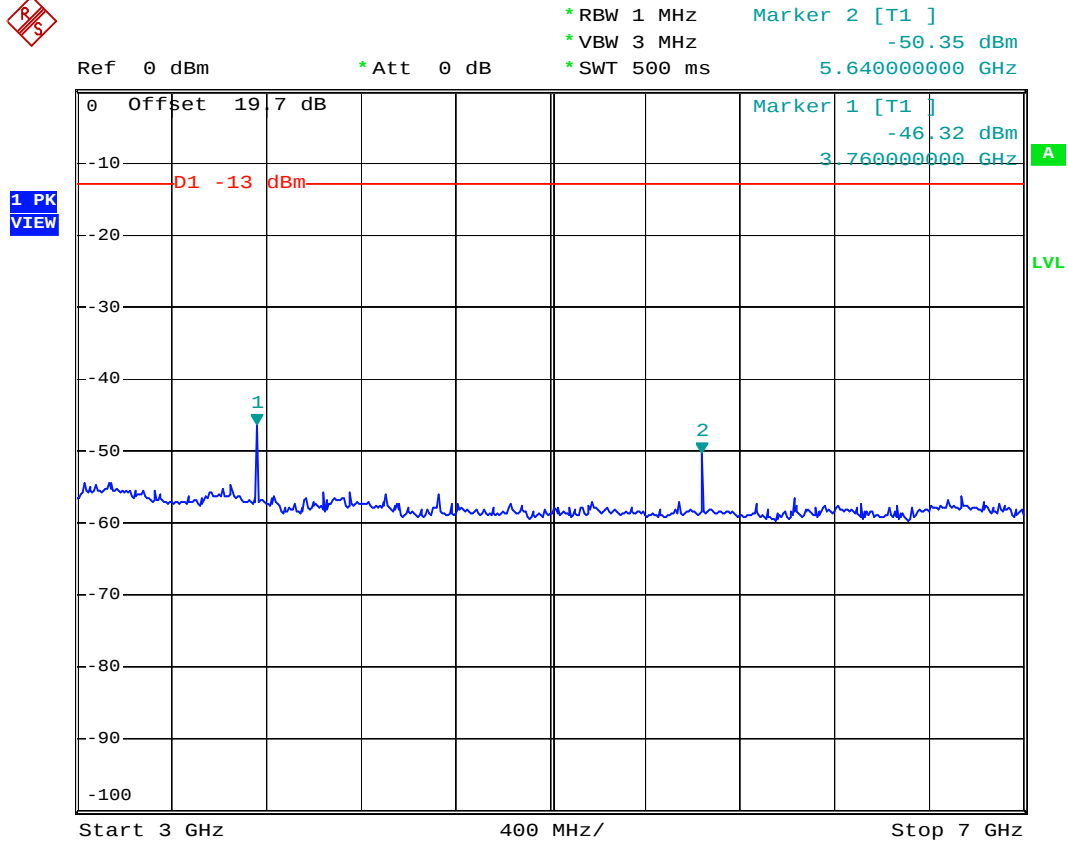
- Test Mode : PCS1900 (EDGE) CH661
- Frequency Range : 1G-3G



Date: 27.JAN.2007 16:31:32



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



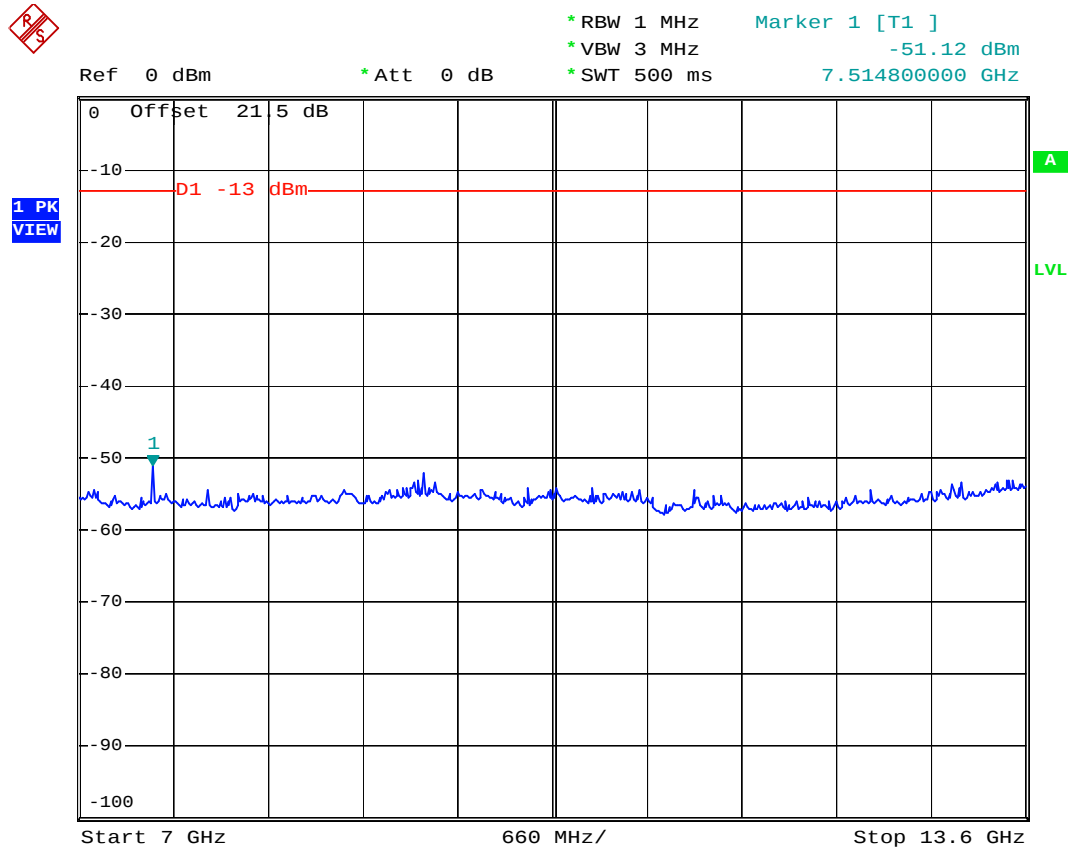
Date: 27.JAN.2007 16:33:13



FCC TEST REPORT

Report No. : FG6O2516

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



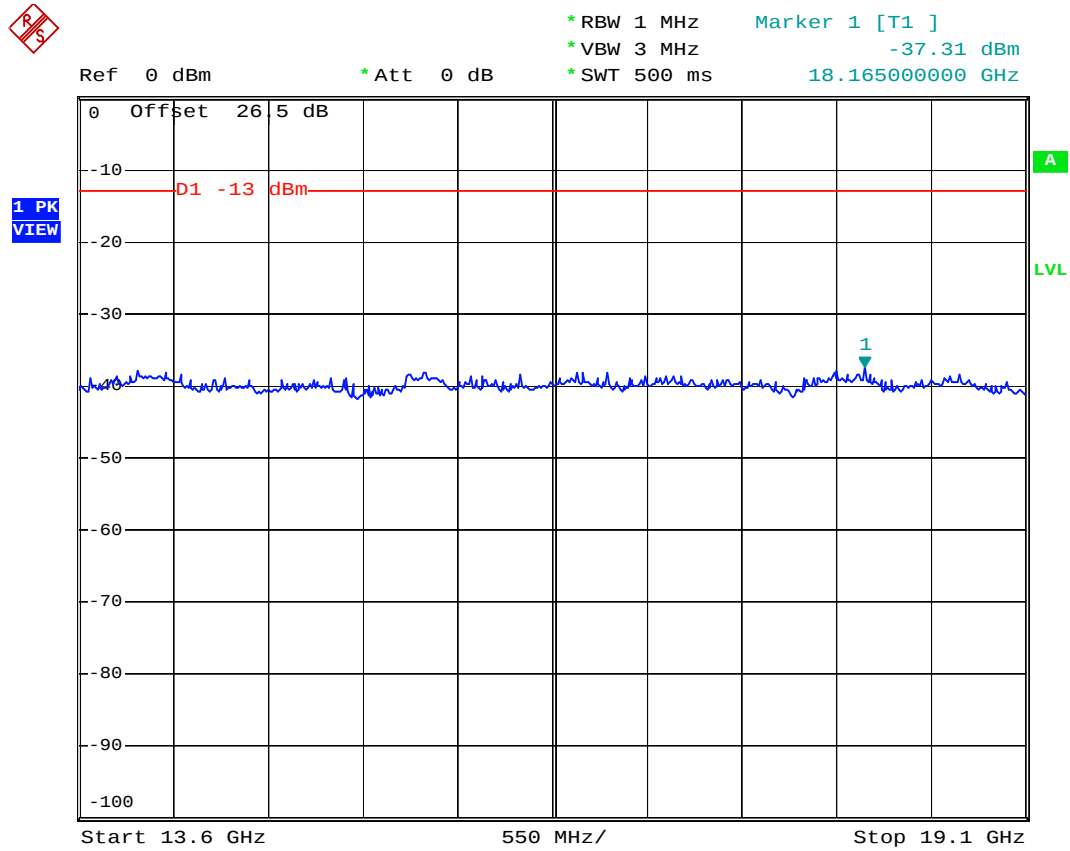
Date: 27.JAN.2007 16:37:49



FCC TEST REPORT

Report No. : FG6O2516

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



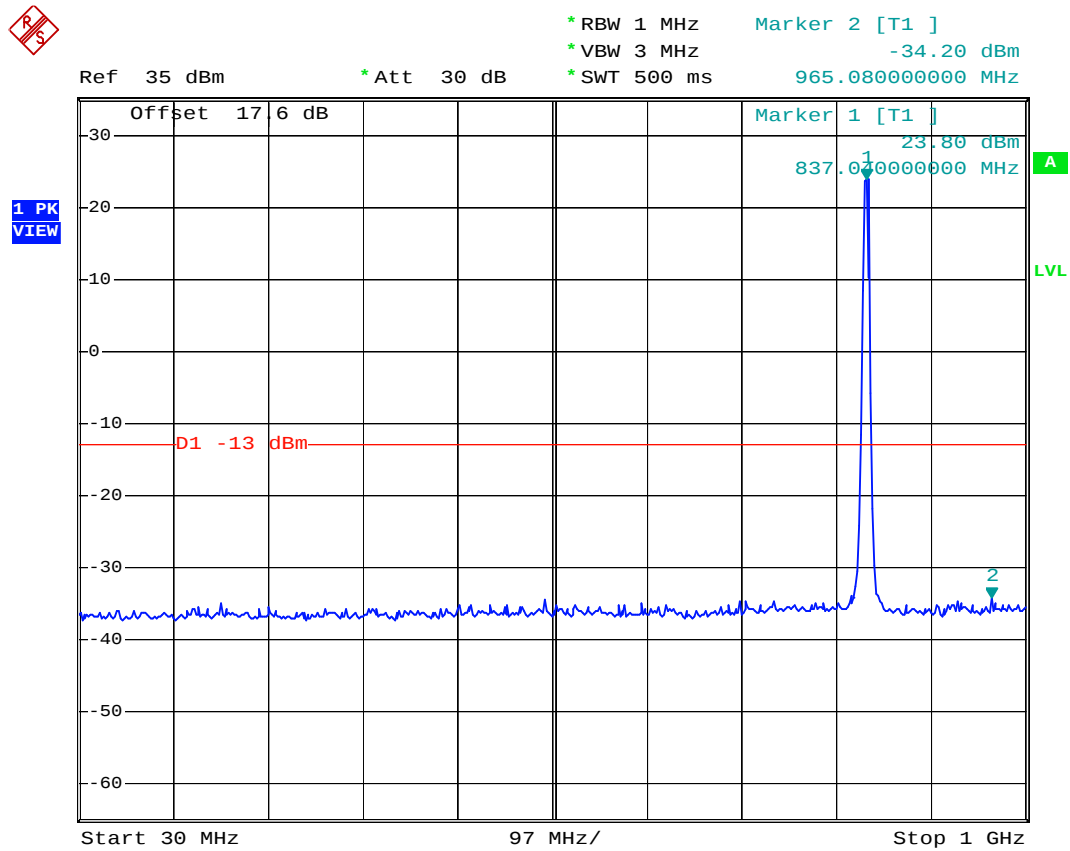
Date: 27.JAN.2007 16:38:31



FCC TEST REPORT

Report No. : FG6O2516

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



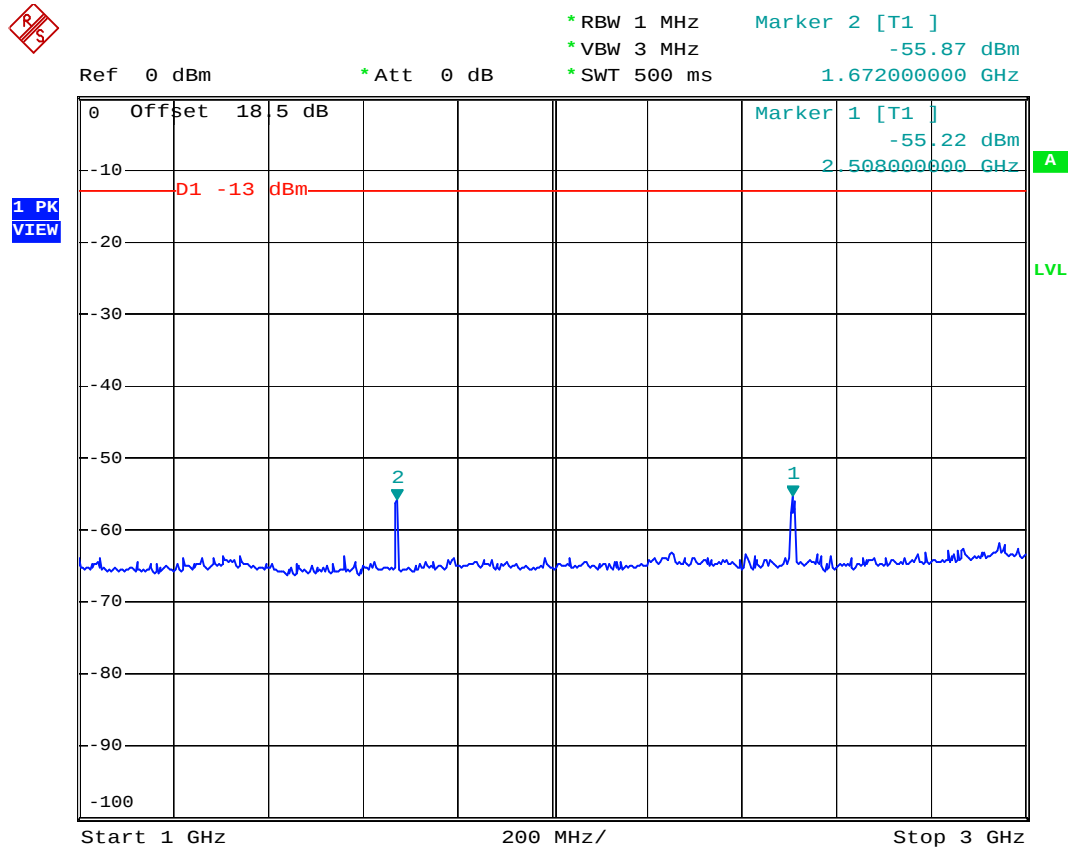
Date: 27.JAN.2007 22:42:26



FCC TEST REPORT

Report No. : FG6O2516

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



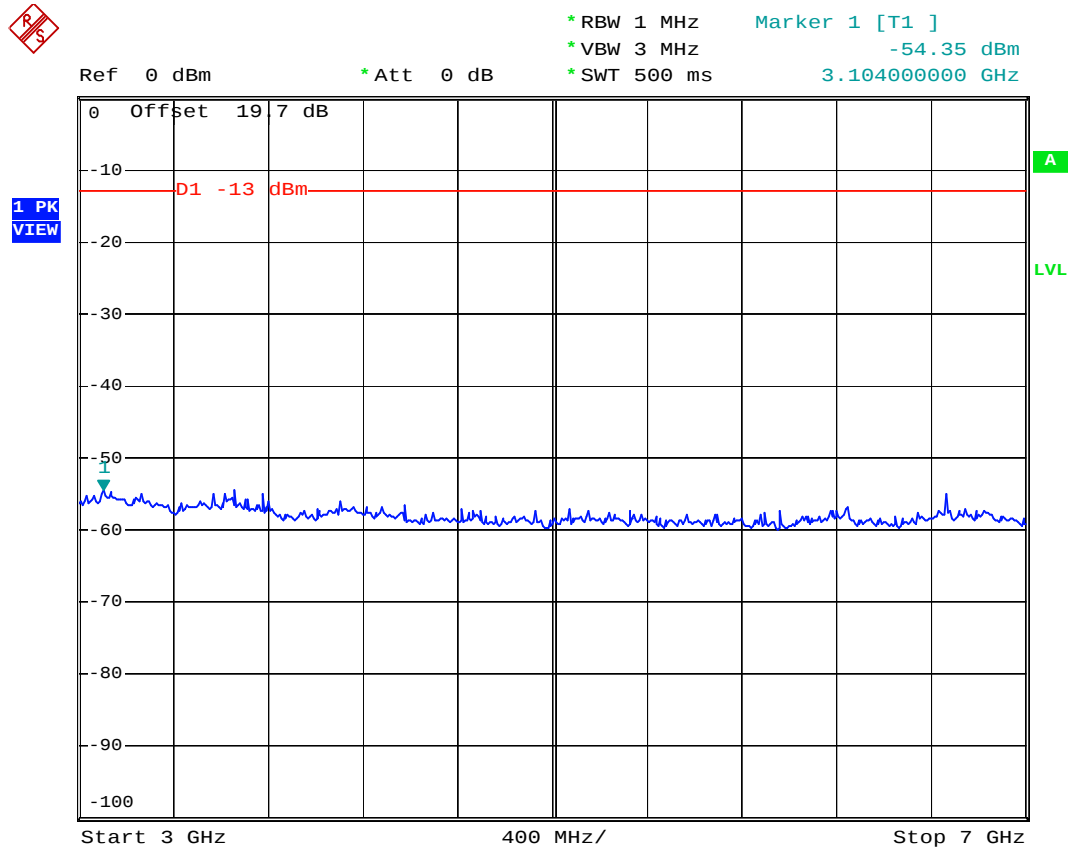
Date: 27.JAN.2007 22:44:41



FCC TEST REPORT

Report No. : FG6O2516

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



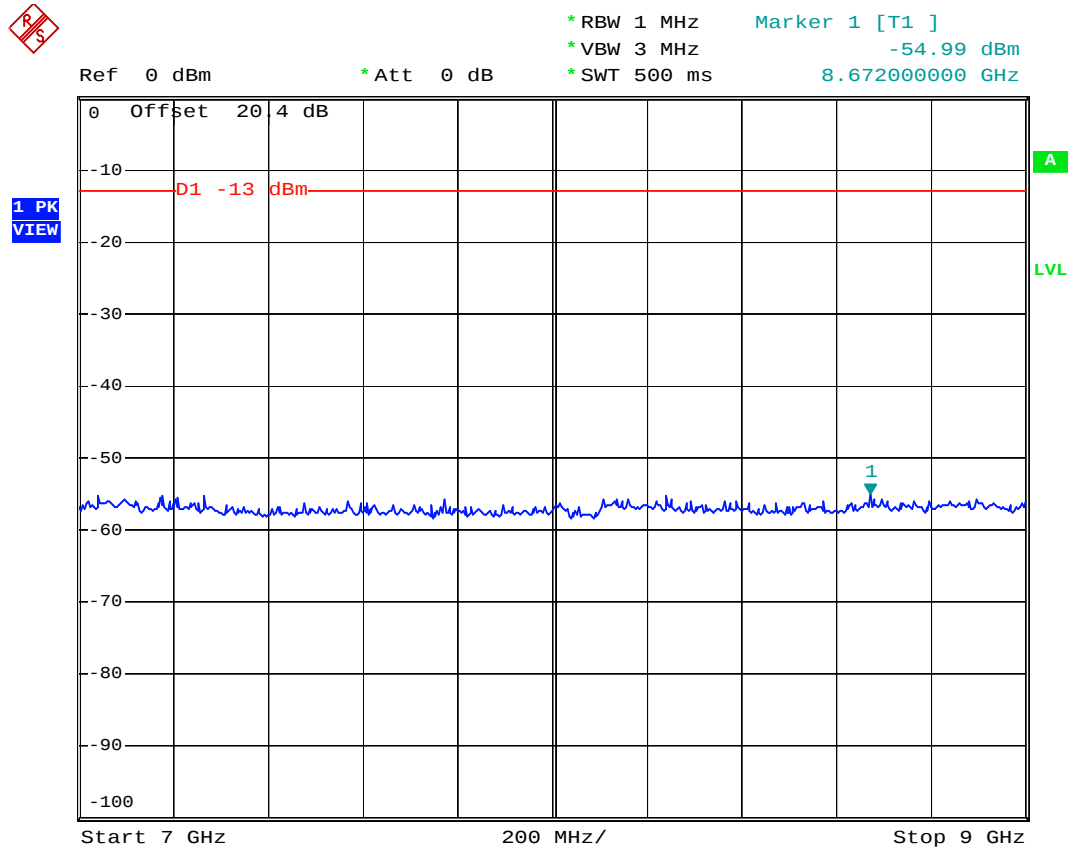
Date: 27.JAN.2007 22:45:35



FCC TEST REPORT

Report No. : FG6O2516

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



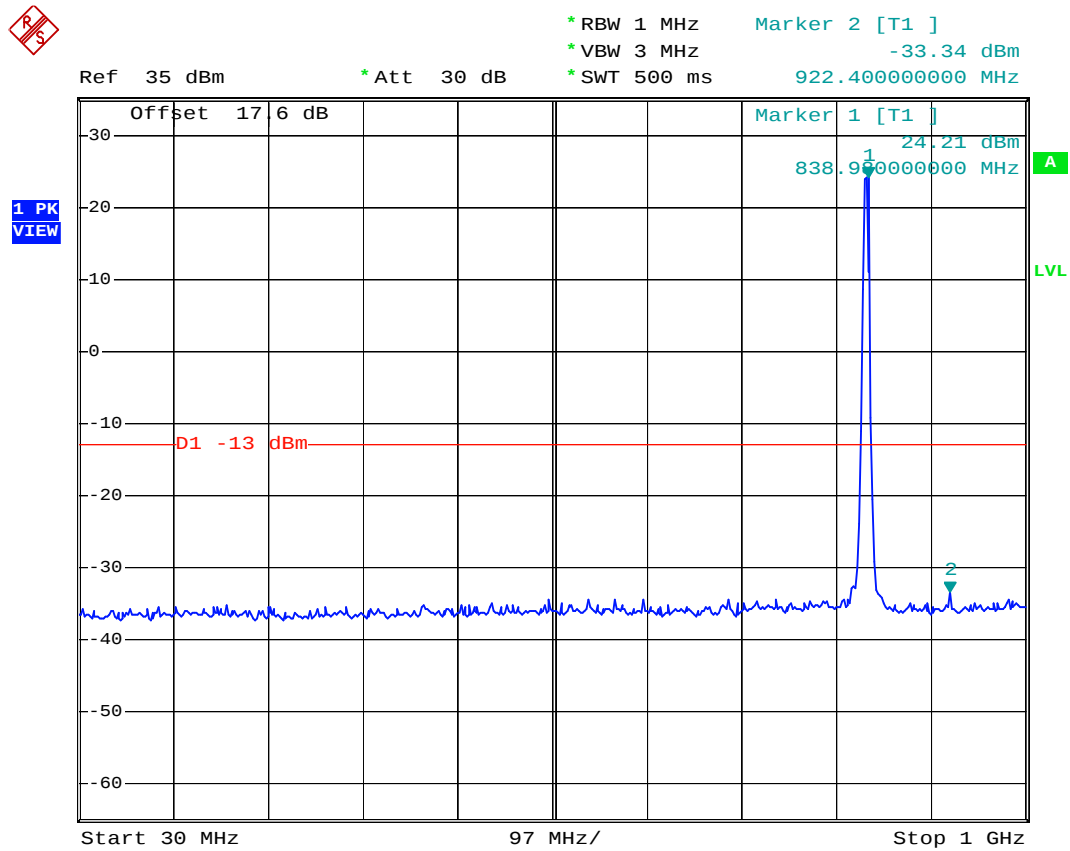
Date: 27.JAN.2007 22:48:09



FCC TEST REPORT

Report No. : FG6O2516

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



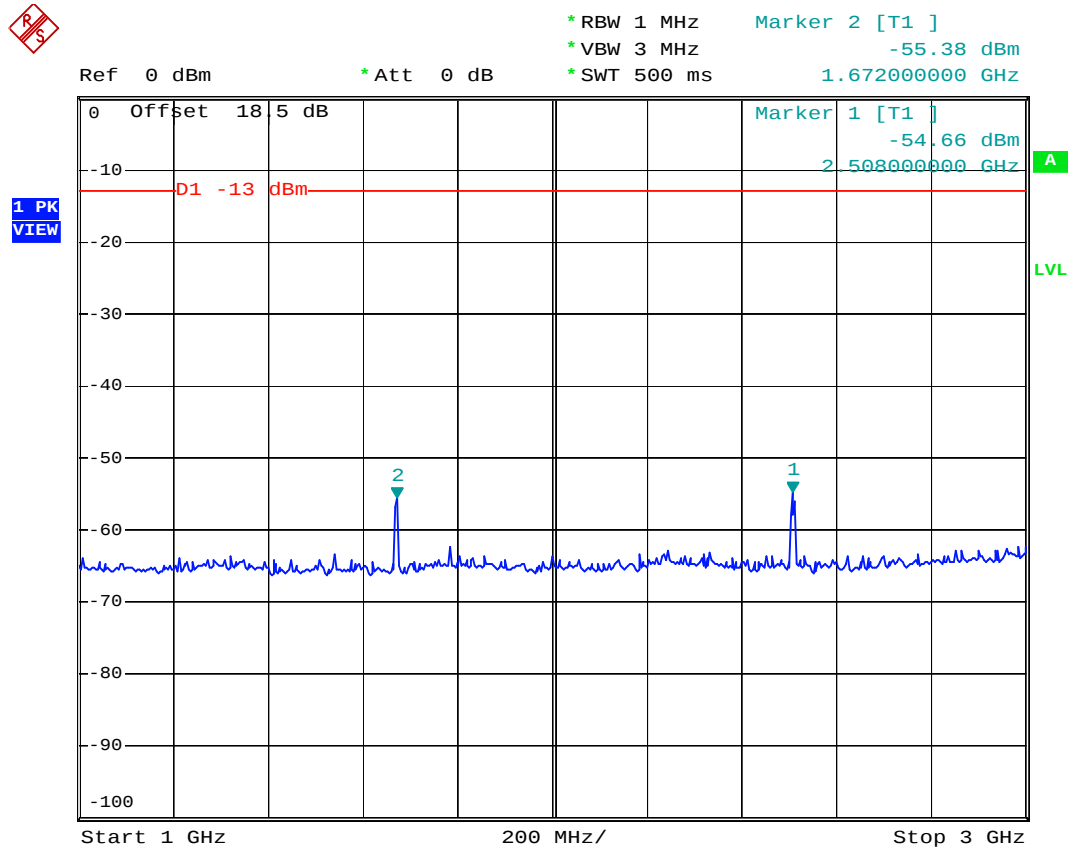
Date: 27.JAN.2007 23:15:30



FCC TEST REPORT

Report No. : FG6O2516

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



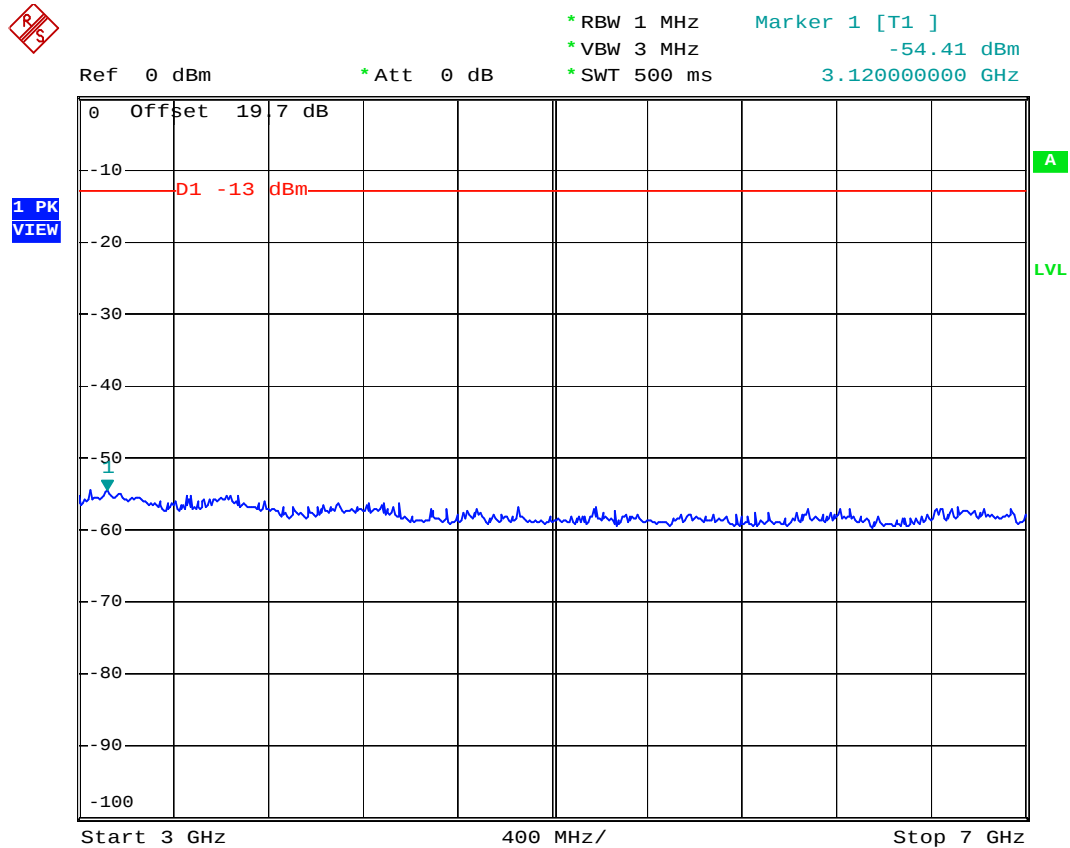
Date: 27.JAN.2007 23:18:46



FCC TEST REPORT

Report No. : FG6O2516

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



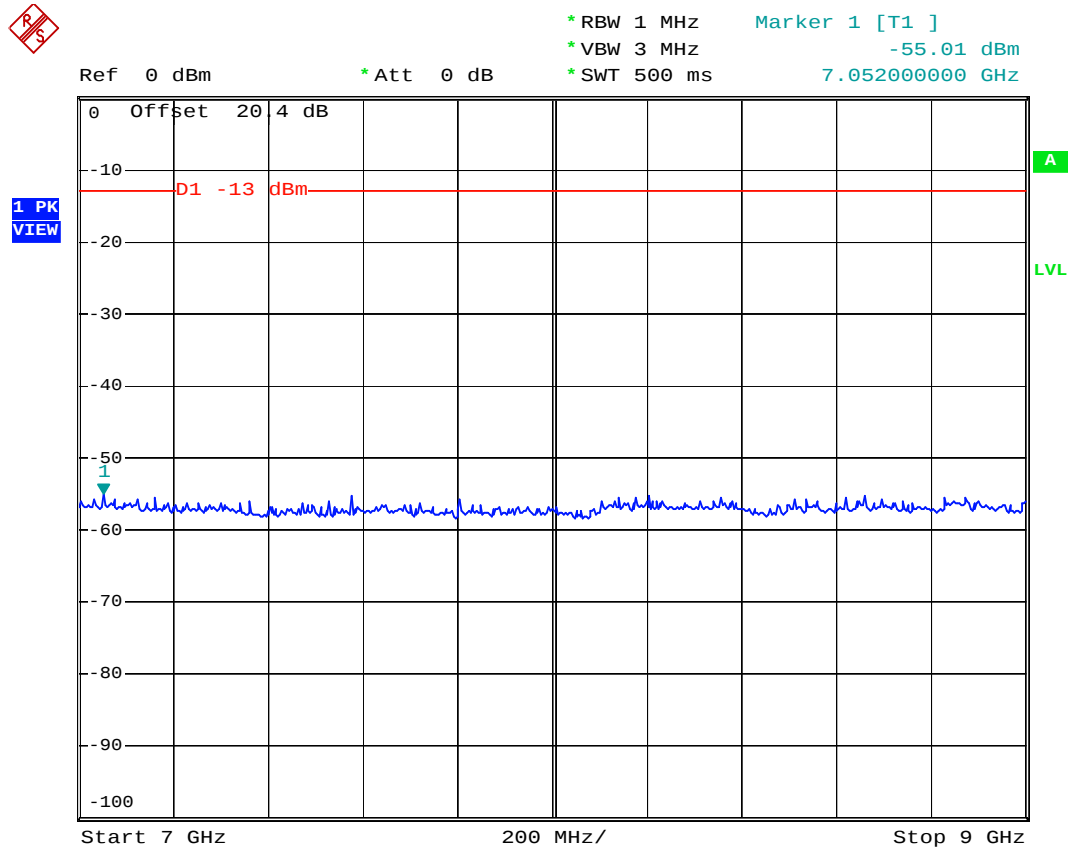
Date: 27.JAN.2007 23:20:06



FCC TEST REPORT

Report No. : FG6O2516

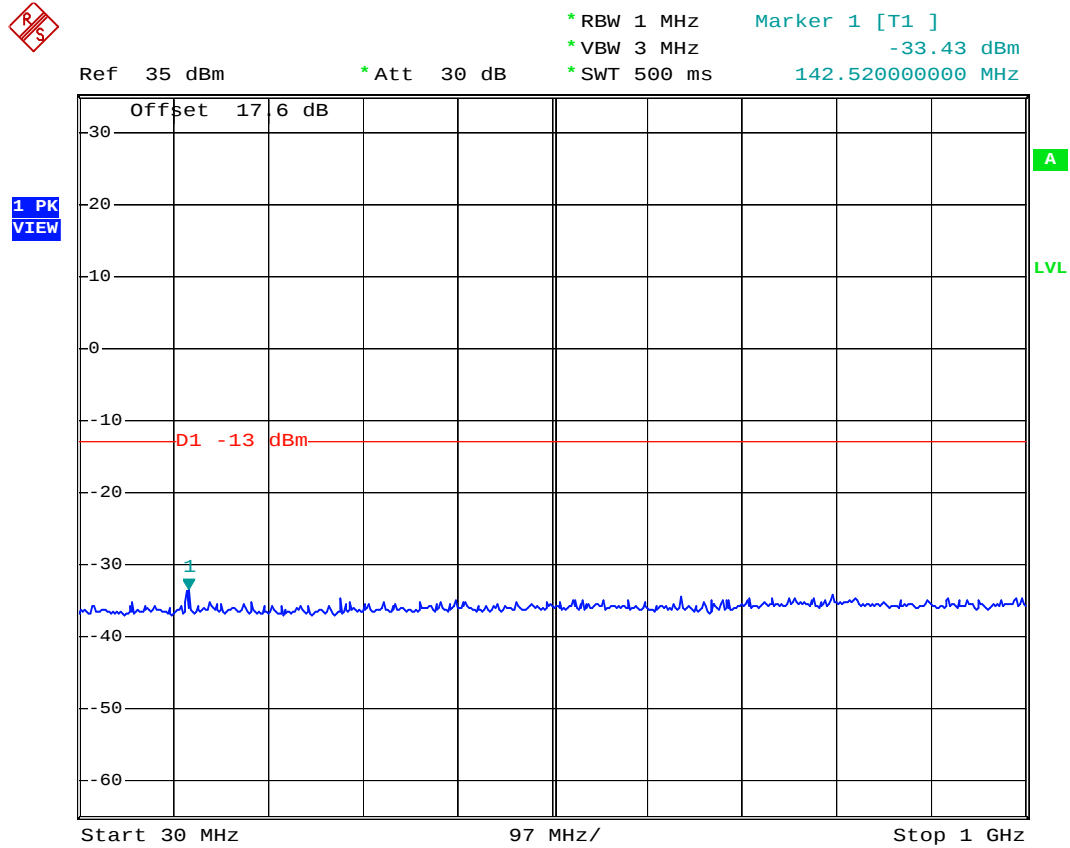
- Test Mode : WCDMA Band V (HSDPA) CH4182
- Frequency Range : 7G-9G



Date: 27.JAN.2007 23:21:01



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



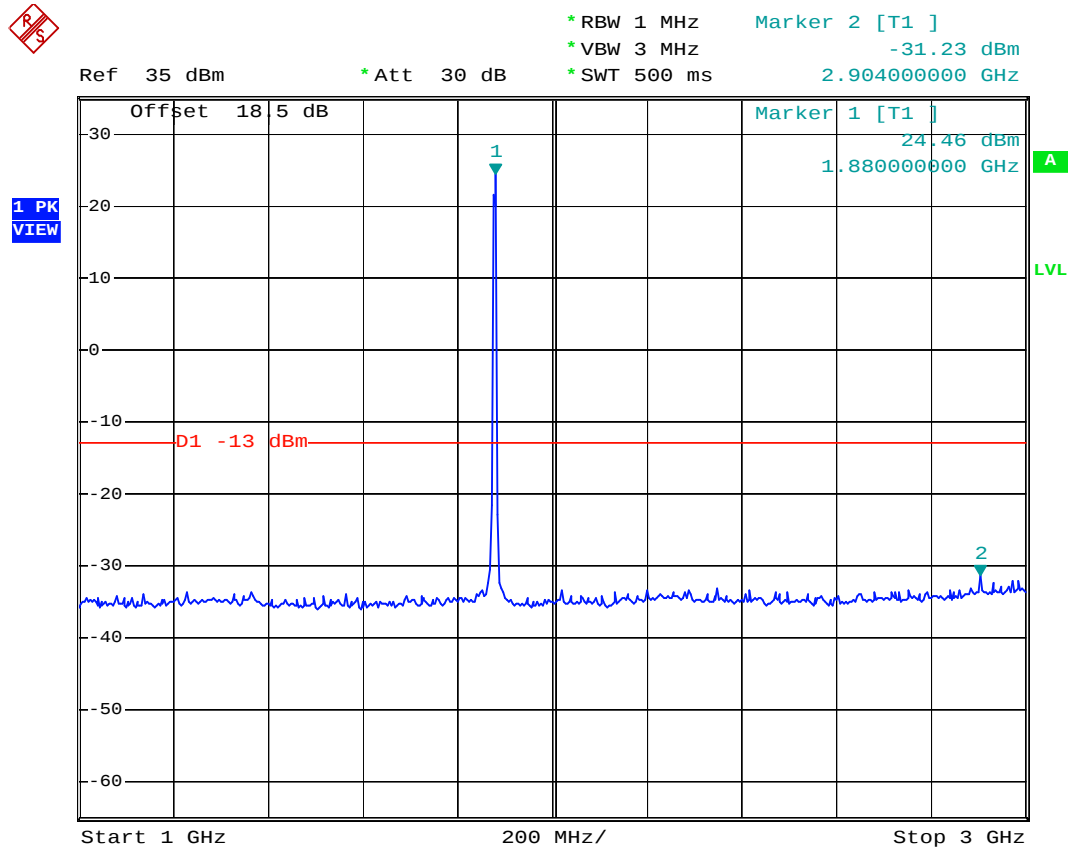
Date: 27.JAN.2007 21:26:58



FCC TEST REPORT

Report No. : FG6O2516

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



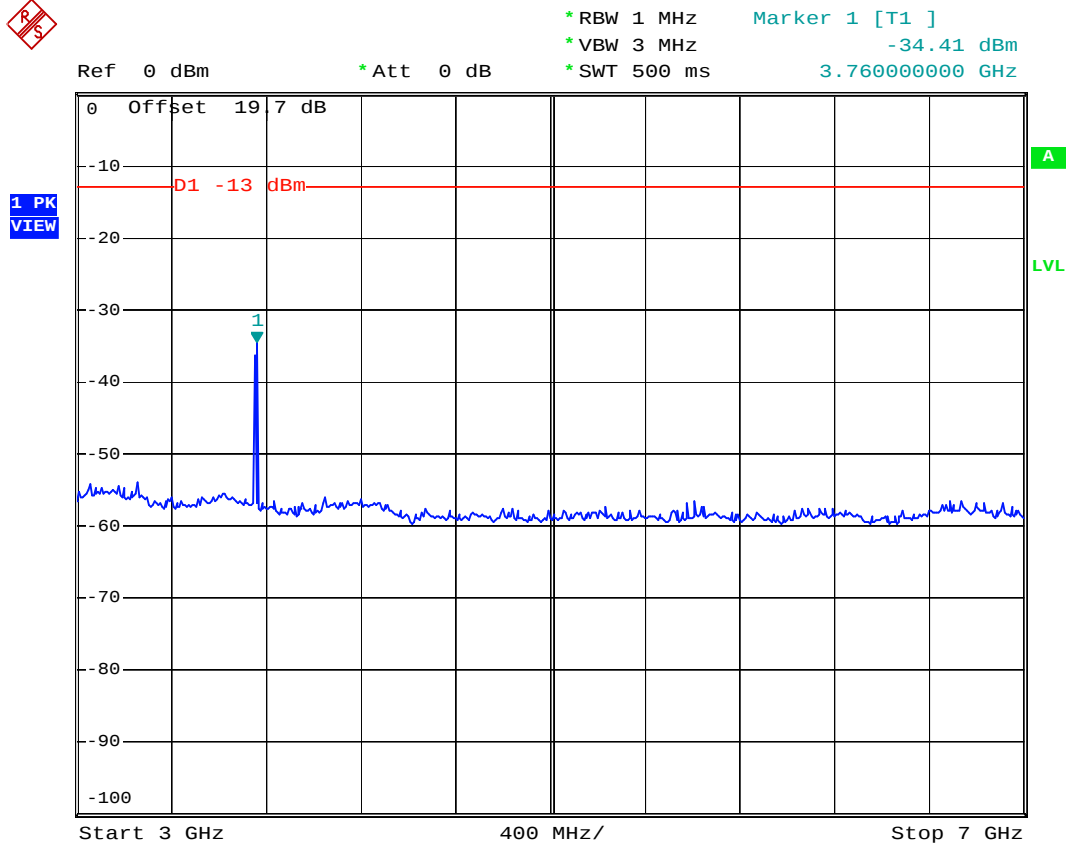
Date: 27.JAN.2007 21:28:30



FCC TEST REPORT

Report No. : FG6O2516

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



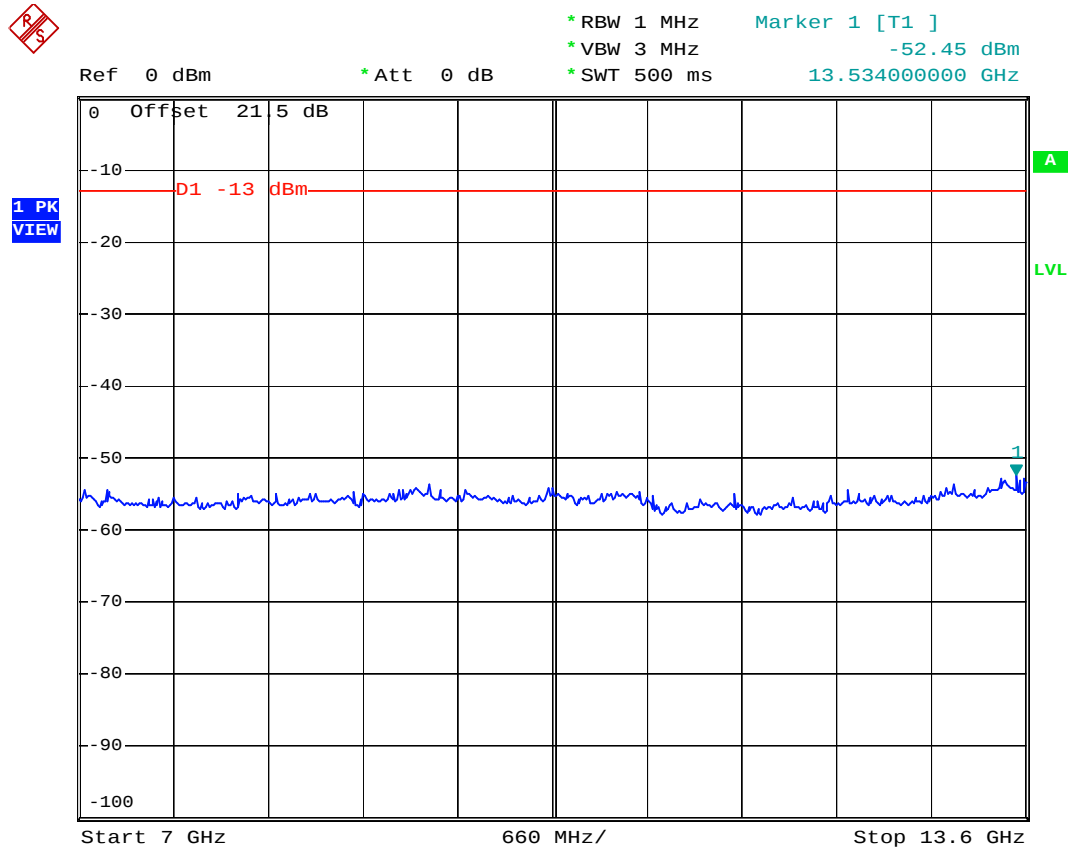
Date: 27.JAN.2007 21:30:49



FCC TEST REPORT

Report No. : FG6O2516

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



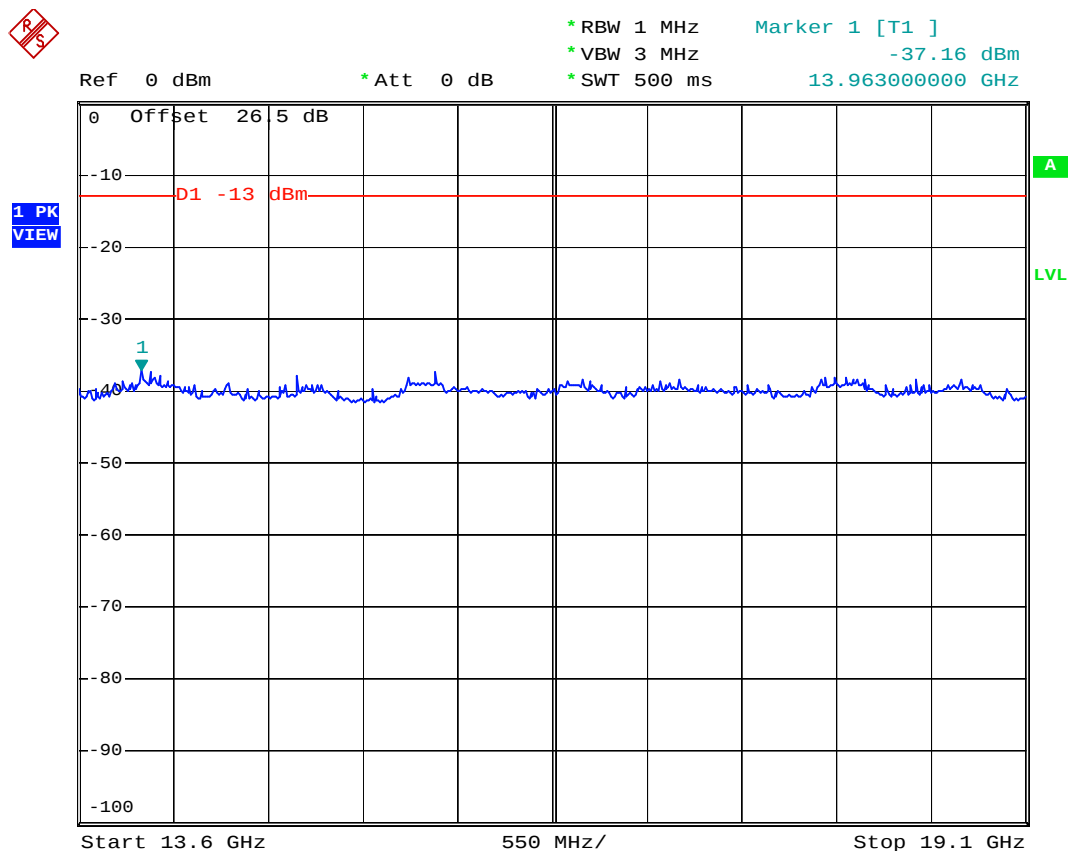
Date: 27.JAN.2007 21:32:12



FCC TEST REPORT

Report No. : FG6O2516

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



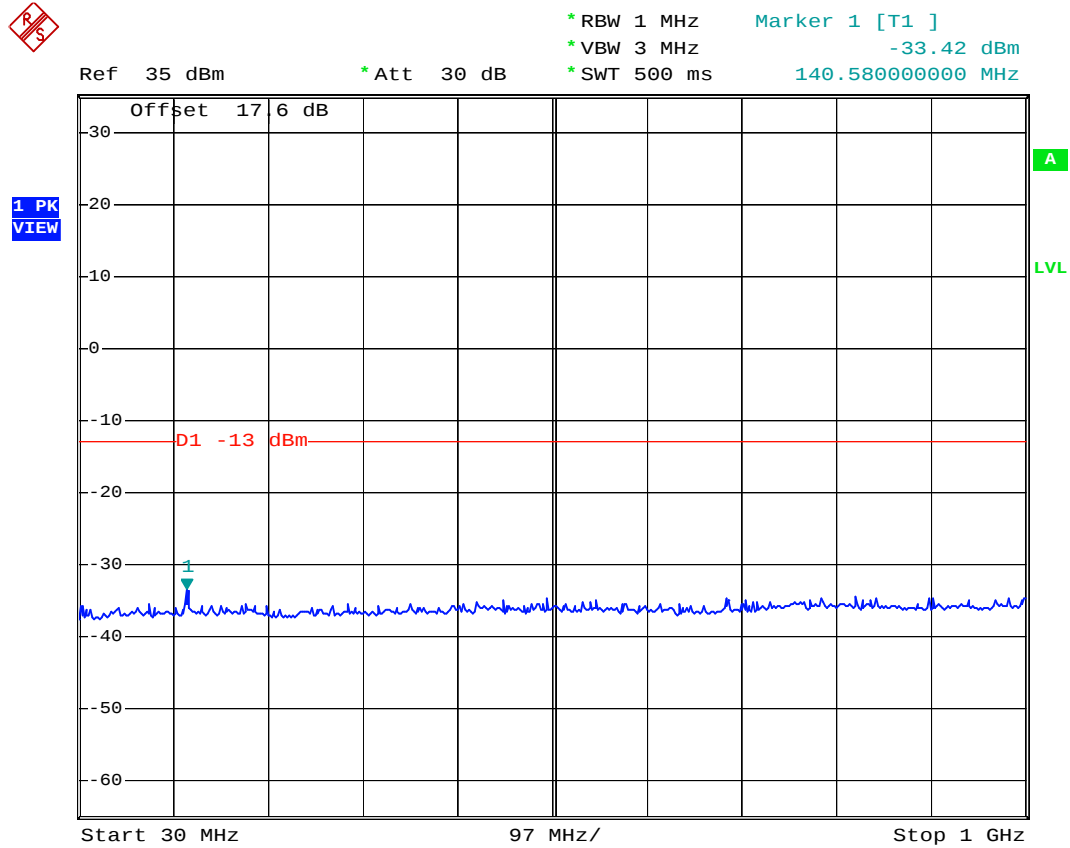
Date: 27.JAN.2007 21:33:34



FCC TEST REPORT

Report No. : FG6O2516

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



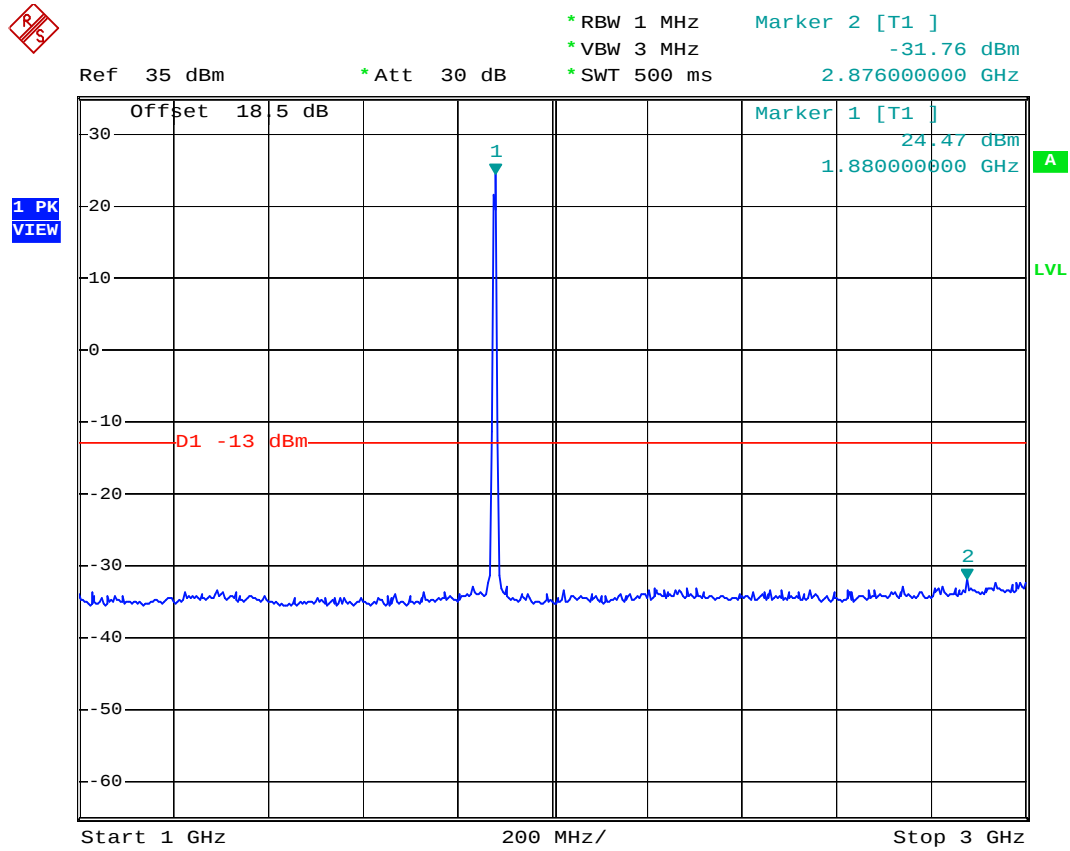
Date: 27.JAN.2007 21:42:18



FCC TEST REPORT

Report No. : FG6O2516

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



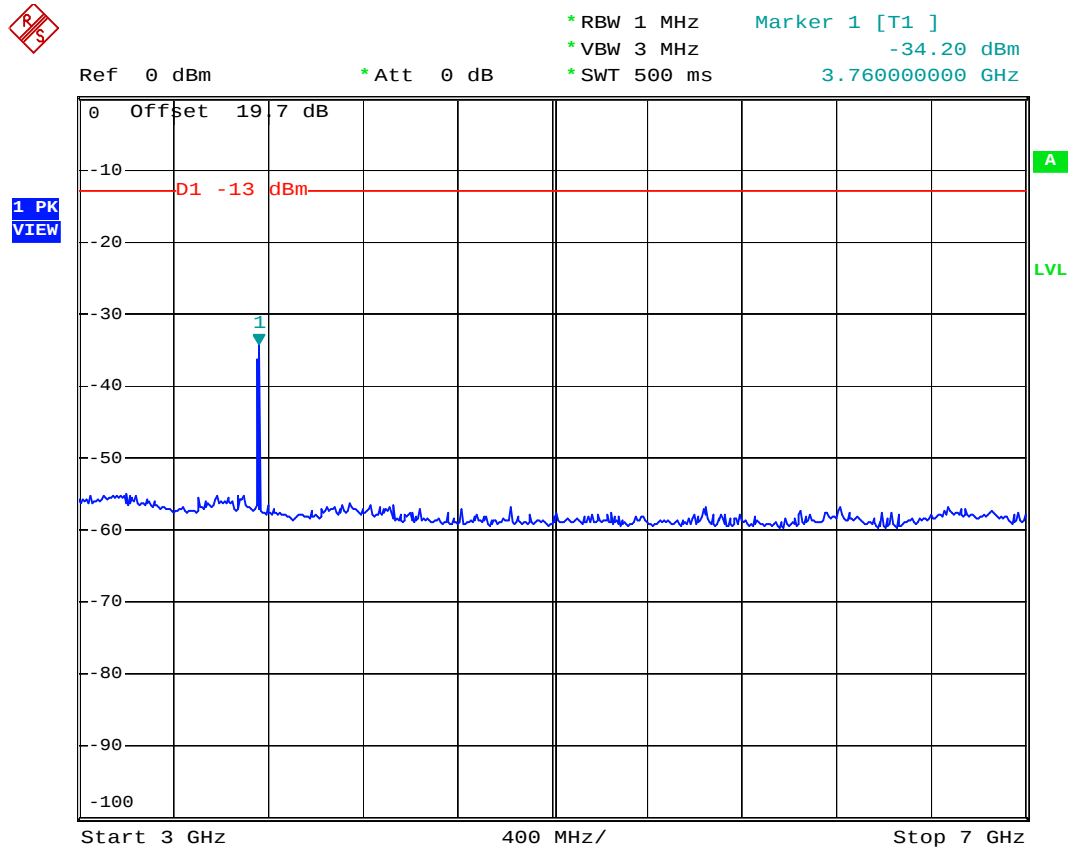
Date: 27.JAN.2007 21:41:16



FCC TEST REPORT

Report No. : FG6O2516

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



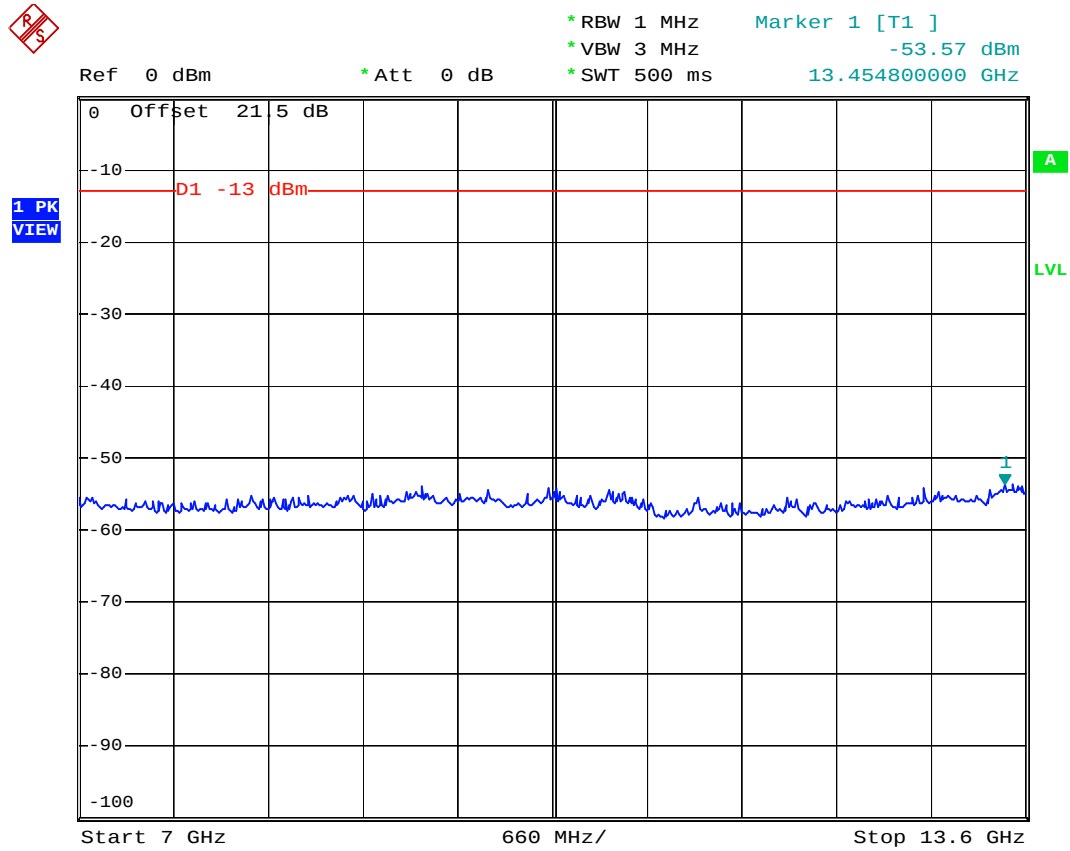
Date: 27.JAN.2007 21:39:06



FCC TEST REPORT

Report No. : FG6O2516

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



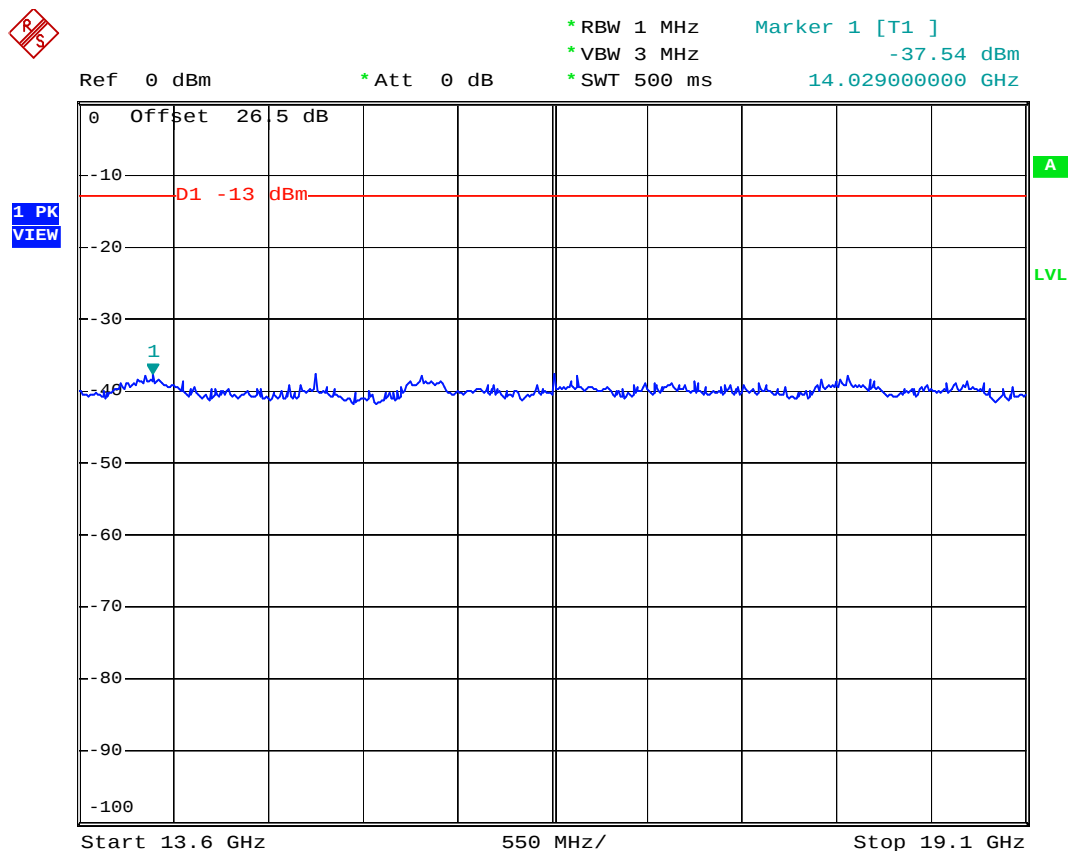
Date: 27.JAN.2007 21:38:01



FCC TEST REPORT

Report No. : FG6O2516

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



Date: 27.JAN.2007 21:36:24

4.6 Field Strength of Spurious Radiation

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

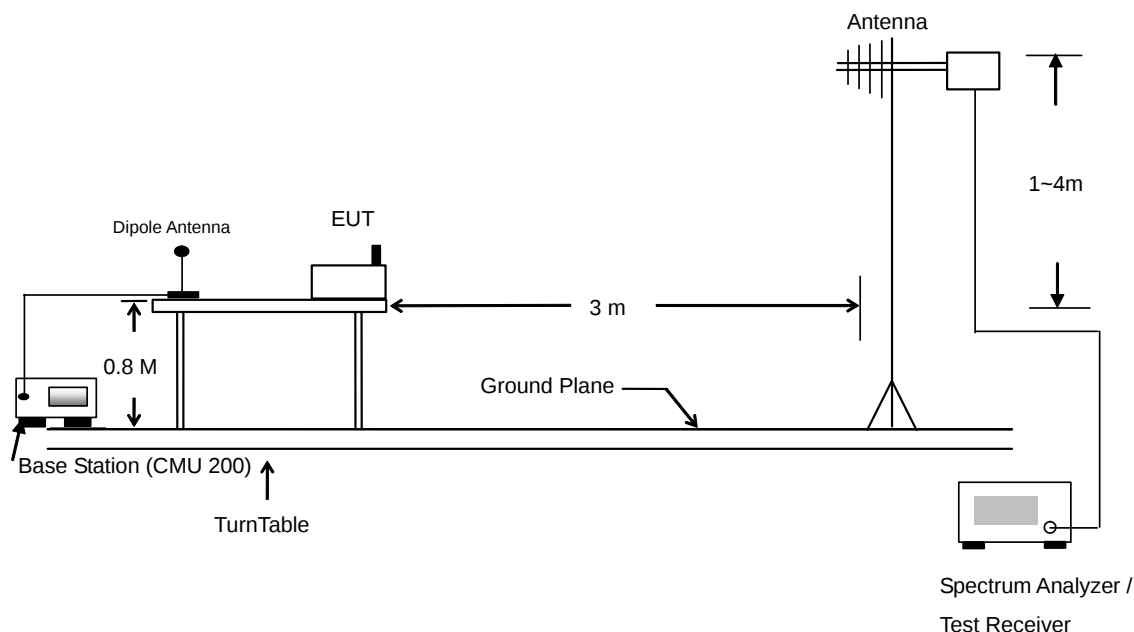
4.6.1 Measurement Instruments

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)
32.430	-51.380	-13	-38.38	32.430	-47.710	-13	-34.71
212.790	-51.010	-13	-38.01	37.830	-49.070	-13	-36.07
298.380	-50.790	-13	-37.79	299.190	-48.530	-13	-35.53
318.900	-35.830	-13	-22.83	318.900	-32.080	-13	-19.08
1064.000	-55.780	-13	-42.78	1018.000	-58.690	-13	-45.69
1274.000	-44.300	-13	-31.30	1064.000	-51.580	-13	-38.58
1378.000	-43.630	-13	-30.63	1184.000	-57.580	-13	-44.58
1488.000	-56.990	-13	-43.99	1274.000	-42.960	-13	-29.96
1594.000	-55.030	-13	-42.03	1384.000	-44.420	-13	-31.42
1674.000	-52.020	-13	-39.02	1494.000	-56.310	-13	-43.31
1804.000	-52.570	-13	-39.57	1594.000	-51.110	-13	-38.11
1918.000	-54.570	-13	-41.57	1674.000	-53.060	-13	-40.06
2018.000	-60.970	-13	-47.97	1804.000	-49.090	-13	-36.09
2124.000	-56.940	-13	-43.94	1918.000	-52.760	-13	-39.76
2338.000	-57.950	-13	-44.95	2124.000	-55.600	-13	-42.60
2448.000	-55.550	-13	-42.55	2334.000	-49.430	-13	-36.43
2508.000	-53.930	-13	-40.93	2448.000	-48.410	-13	-35.41
				2508.000	-56.310	-13	-43.31

- 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)
32.430	-54.040	-13	-41.04	55.380	-49.840	-13	-36.84
211.980	-50.980	-13	-37.98	211.980	-49.810	-13	-36.81
298.380	-50.920	-13	-37.92	299.190	-46.520	-13	-33.52
318.900	-34.880	-13	-21.88	320.300	-32.310	-13	-19.31
1018.000	-58.020	-13	-45.02	1018.000	-57.690	-13	-44.69
1064.000	-56.000	-13	-43.00	1064.000	-51.690	-13	-38.69
1178.000	-58.280	-13	-45.28	1178.000	-57.750	-13	-44.75
1274.000	-45.000	-13	-32.00	1274.000	-43.670	-13	-30.67
1388.000	-45.970	-13	-32.97	1388.000	-48.140	-13	-35.14
1484.000	-54.830	-13	-41.83	1488.000	-57.600	-13	-44.60
1588.000	-58.800	-13	-45.80	1598.000	-56.490	-13	-43.49
1808.000	-57.220	-13	-44.22	1804.000	-52.720	-13	-39.72
1918.000	-52.790	-13	-39.79	1864.000	-59.020	-13	-46.02
2128.000	-61.250	-13	-48.25	1918.000	-48.860	-13	-35.86
2344.000	-58.110	-13	-45.11	2124.000	-59.860	-13	-46.86
2448.000	-59.580	-13	-46.58	2338.000	-53.380	-13	-40.38
				2448.000	-50.700	-13	-37.70

- 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)
31.890	-50.530	-13	-37.53	31.890	-46.970	-13	-33.97
211.440	-49.860	-13	-36.86	211.440	-48.000	-13	-35.00
299.730	-48.720	-13	-35.72	288.930	-46.840	-13	-33.84
320.300	-31.950	-13	-18.95	318.900	-30.220	-13	-17.22
640.900	-47.680	-13	-34.68	742.400	-46.230	-13	-33.23
854.400	-44.810	-13	-31.81	854.400	-38.960	-13	-25.96
1064.000	-52.620	-13	-39.62	1064.000	-48.880	-13	-35.88
1274.000	-42.940	-13	-29.94	1178.000	-53.240	-13	-40.24
1378.000	-43.700	-13	-30.70	1278.000	-42.800	-13	-29.80
1494.000	-54.360	-13	-41.36	1378.000	-44.080	-13	-31.08
1594.000	-53.990	-13	-40.99	1484.000	-55.140	-13	-42.14
1804.000	-53.520	-13	-40.52	1598.000	-53.770	-13	-40.77
1914.000	-52.840	-13	-39.84	1804.000	-50.500	-13	-37.50
2344.000	-57.120	-13	-44.12	1918.000	-48.970	-13	-35.97
2454.000	-56.200	-13	-43.20	2334.000	-49.240	-13	-36.24
3758.000	-52.310	-13	-39.31	2448.000	-46.970	-13	-33.97
				3758.000	-53.420	-13	-40.42



- 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)
212.790	-48.690	-13	-35.69	31.890	-46.500	-13	-33.50
265.440	-54.900	-13	-41.90	56.730	-46.300	-13	-33.30
291.090	-49.060	-13	-36.06	291.090	-44.480	-13	-31.48
318.900	-31.820	-13	-18.82	320.300	-29.450	-13	-16.45
640.900	-47.090	-13	-34.09	745.900	-43.670	-13	-30.67
850.900	-44.860	-13	-31.86	850.900	-38.540	-13	-25.54
1064.000	-50.600	-13	-37.60	1018.000	-54.410	-13	-41.41
1274.000	-42.330	-13	-29.33	1064.000	-47.760	-13	-34.76
1378.000	-44.710	-13	-31.71	1178.000	-54.050	-13	-41.05
1484.000	-51.570	-13	-38.57	1274.000	-40.570	-13	-27.57
1544.000	-56.490	-13	-43.49	1388.000	-42.950	-13	-29.95
1598.000	-53.130	-13	-40.13	1488.000	-55.260	-13	-42.26
1804.000	-51.520	-13	-38.52	1598.000	-52.630	-13	-39.63
1918.000	-50.750	-13	-37.75	1688.000	-55.260	-13	-42.26
2124.000	-58.340	-13	-45.34	1804.000	-44.720	-13	-31.72
2338.000	-57.470	-13	-44.47	1918.000	-45.640	-13	-32.64
2454.000	-55.440	-13	-42.44	2124.000	-56.160	-13	-43.16
3758.000	-52.240	-13	-39.24	2344.000	-47.510	-13	-34.51
				2448.000	-47.650	-13	-34.65
				3758.000	-53.860	-13	-40.86



- 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)
35.940	-49.110	-13	-36.11	36.480	-46.620	-13	-33.62
265.980	-52.160	-13	-39.16	75.090	-52.340	-13	-39.34
290.280	-48.350	-13	-35.35	290.280	-46.770	-13	-33.77
320.300	-36.590	-13	-23.59	320.300	-36.070	-13	-23.07
1018.000	-53.000	-13	-40.00	1018.000	-53.960	-13	-40.96
1064.000	-52.080	-13	-39.08	1064.000	-46.240	-13	-33.24
1118.000	-57.020	-13	-44.02	1118.000	-51.780	-13	-38.78
1138.000	-56.920	-13	-43.92	1154.000	-51.060	-13	-38.06
1154.000	-55.760	-13	-42.76	1184.000	-49.040	-13	-36.04
1178.000	-55.290	-13	-42.29	1248.000	-48.570	-13	-35.57
1254.000	-52.210	-13	-39.21	1274.000	-39.870	-13	-26.87
1274.000	-43.210	-13	-30.21	1384.000	-42.100	-13	-29.10
1388.000	-43.620	-13	-30.62	1484.000	-56.230	-13	-43.23
1484.000	-57.350	-13	-44.35	1554.000	-56.780	-13	-43.78
1594.000	-51.110	-13	-38.11	1594.000	-50.060	-13	-37.06
1638.000	-59.160	-13	-46.16	1638.000	-58.000	-13	-45.00
1688.000	-59.170	-13	-46.17	1668.000	-58.070	-13	-45.07
1704.000	-58.730	-13	-45.73	1704.000	-57.910	-13	-44.91
1734.000	-59.760	-13	-46.76	1808.000	-47.260	-13	-34.26
1808.000	-47.970	-13	-34.97				
1864.000	-60.220	-13	-47.22				
1914.000	-50.020	-13	-37.02				
2014.000	-59.650	-13	-46.65				
2124.000	-56.540	-13	-43.54				
2334.000	-55.560	-13	-42.56				
2454.000	-58.400	-13	-45.40				
2634.000	-58.310	-13	-45.31				



- 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)
35.940	-48.080	-13	-35.08	36.480	-46.690	-13	-33.69
291.090	-49.610	-13	-36.61	36.480	-46.690	-13	-33.69
299.730	-48.970	-13	-35.97	210.630	-49.450	-13	-36.45
320.300	-36.490	-13	-23.49	290.280	-47.600	-13	-34.60
1018.000	-55.040	-13	-42.04	320.300	-35.270	-13	-22.27
1058.000	-51.980	-13	-38.98	1018.000	-53.640	-13	-40.64
1134.000	-54.870	-13	-41.87	1064.000	-45.780	-13	-32.78
1184.000	-53.090	-13	-40.09	1114.000	-51.200	-13	-38.20
1248.000	-52.730	-13	-39.73	1178.000	-48.690	-13	-35.69
1268.000	-44.420	-13	-31.42	1254.000	-47.560	-13	-34.56
1388.000	-43.830	-13	-30.83	1268.000	-39.870	-13	-26.87
1498.000	-57.530	-13	-44.53	1384.000	-43.720	-13	-30.72
1594.000	-52.220	-13	-39.22	1484.000	-55.830	-13	-42.83
1648.000	-57.440	-13	-44.44	1554.000	-57.030	-13	-44.03
1704.000	-58.540	-13	-45.54	1594.000	-49.790	-13	-36.79
1804.000	-47.820	-13	-34.82	1638.000	-57.840	-13	-44.84
1858.000	-59.580	-13	-46.58	1684.000	-56.610	-13	-43.61
1914.000	-50.760	-13	-37.76	1714.000	-57.950	-13	-44.95
2028.000	-58.140	-13	-45.14	1734.000	-58.340	-13	-45.34
2124.000	-56.370	-13	-43.37	1804.000	-47.460	-13	-34.46
2338.000	-55.710	-13	-42.71	1858.000	-56.720	-13	-43.72
2448.000	-56.600	-13	-43.60	1918.000	-48.400	-13	-35.40
2524.000	-59.610	-13	-46.61	2028.000	-57.550	-13	-44.55



- 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)
31.890	-57.090	-13	-44.09	31.890	-46.760	-13	-33.76
211.440	-48.900	-13	-35.90	211.980	-47.100	-13	-34.10
291.090	-49.050	-13	-36.05	291.090	-44.700	-13	-31.70
318.900	-32.130	-13	-19.13	320.300	-29.450	-13	-16.45
635.300	-47.320	-13	-34.32	745.900	-42.820	-13	-29.82
852.300	-45.120	-13	-32.12	852.300	-38.920	-13	-25.92
1064.000	-52.250	-13	-39.25	1018.000	-56.240	-13	-43.24
1278.000	-41.570	-13	-28.57	1064.000	-47.000	-13	-34.00
1384.000	-43.240	-13	-30.24	1178.000	-54.870	-13	-41.87
1488.000	-53.950	-13	-40.95	1278.000	-39.660	-13	-26.66
1598.000	-57.650	-13	-44.65	1378.000	-42.140	-13	-29.14
1808.000	-54.360	-13	-41.36	1484.000	-54.630	-13	-41.63
2334.000	-57.580	-13	-44.58	1598.000	-54.440	-13	-41.44
2364.000	-57.550	-13	-44.55	1804.000	-47.860	-13	-34.86
2448.000	-56.850	-13	-43.85	2124.000	-57.550	-13	-44.55
3758.000	-42.340	-13	-29.34	2338.000	-49.340	-13	-36.34
				2454.000	-49.130	-13	-36.13
				3764.000	-44.490	-13	-31.49



- 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)
31.080	-51.240	-13	-38.24	31.890	-46.070	-13	-33.07
212.790	-49.130	-13	-36.13	212.790	-47.410	-13	-34.41
291.630	-49.120	-13	-36.12	292.440	-44.880	-13	-31.88
320.300	-31.680	-13	-18.68	318.900	-29.520	-13	-16.52
637.400	-47.300	-13	-34.33	742.400	-42.980	-13	-29.98
854.400	-44.520	-13	-31.52	852.300	-37.690	-13	-24.69
1058.000	-52.940	-13	-39.94	1018.000	-54.460	-13	-41.46
1278.000	-41.980	-13	-28.98	1064.000	-48.100	-13	-35.10
1384.000	-43.220	-13	-30.22	1178.000	-54.950	-13	-41.95
1484.000	-53.400	-13	-40.40	1274.000	-40.210	-13	-27.21
1594.000	-56.580	-13	-43.58	1328.000	-56.020	-13	-43.02
1714.000	-53.480	-13	-40.48	1378.000	-42.770	-13	-29.77
1804.000	-52.800	-13	-39.80	1484.000	-54.800	-13	-41.80
2344.000	-55.830	-13	-42.83	1554.000	-58.500	-13	-45.50
2448.000	-57.650	-13	-44.65	1594.000	-53.770	-13	-40.77
3758.000	-41.220	-13	-28.22	1814.000	-50.180	-13	-37.18
				2124.000	-57.950	-13	-44.95
				2338.000	-48.920	-13	-35.92
				2448.000	-47.730	-13	-34.73
				2978.000	-53.680	-13	-40.68
				3758.000	-42.620	-13	-29.62

▪ 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)
30.000	-55.100	-13	-42.10	31.890	-48.220	-13	-35.22
265.980	-58.120	-13	-45.12	60.240	-50.670	-13	-37.67
297.030	-58.270	-13	-45.27	68.880	-53.030	-13	-40.03
700.400	-55.540	-13	-42.54	630.400	-51.780	-13	-38.78
1594.000	-58.650	-13	-45.65	1594.000	-53.010	-13	-40.01
1674.000	-54.920	-13	-41.92	1674.000	-51.010	-13	-38.01
2508.000	-52.650	-13	-39.65	2508.000	-55.140	-13	-42.14
				4184.000	-53.740	-13	-40.74

▪ Test Mode : Mode 10

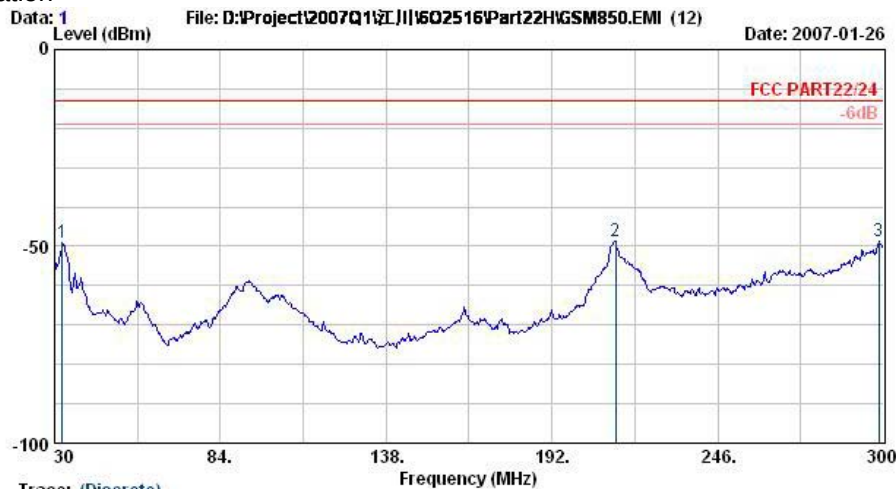
GSM850 (GSM) with WLAN Co-location Radiated Spurious ERP							
H Polarization				V Polarization			
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)
278.940	-55.490	-13	-42.49	76.440	-54.120	-13	-41.12
282.990	-51.770	-13	-38.77	98.040	-54.910	-13	-41.91
295.140	-55.730	-13	-42.73	295.680	-53.830	-13	-40.83
325.900	-53.230	-13	-40.23	630.400	-52.660	-13	-39.66
1594.000	-53.580	-13	-40.58	1598.000	-53.030	-13	-40.03
1674.000	-49.900	-13	-36.90	1674.000	-51.110	-13	-38.11
2508.000	-47.710	-13	-34.71	2508.000	-52.220	-13	-39.22



4.6.5 Test Data

4.6.5.1 Mode 1

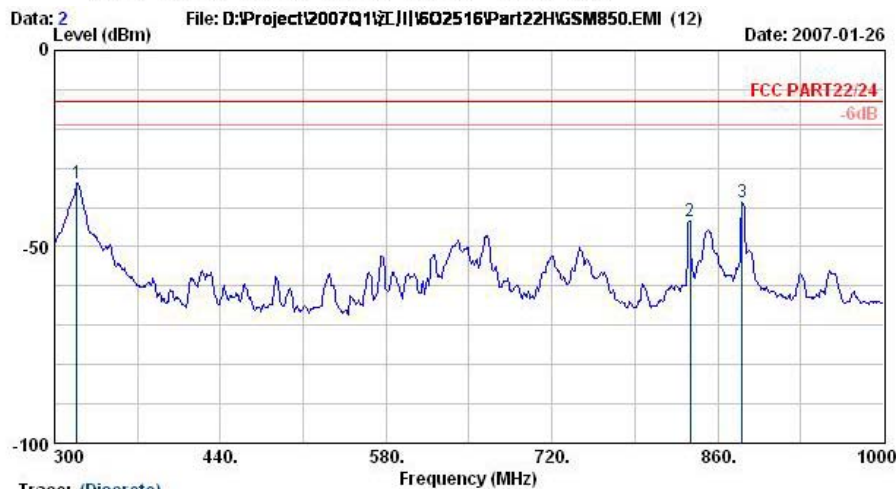
Horizontal Polarization



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SFURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1	32.4	-49.23	-36.23	-13.00	-47.76	-1.47 Peak
2	212.8	-48.86	-35.86	-13.00	-35.91	-12.96 Peak
3 @	298.4	-48.64	-35.64	-13.00	-38.66	-9.98 Peak



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SFURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	318.9	-33.68	-20.68	-13.00	-24.41	-9.28 Peak
2 @	836.9	-43.56			-42.22	-1.33 Peak
3 @	880.3	-38.79			-37.88	-0.91 Peak

Remark:

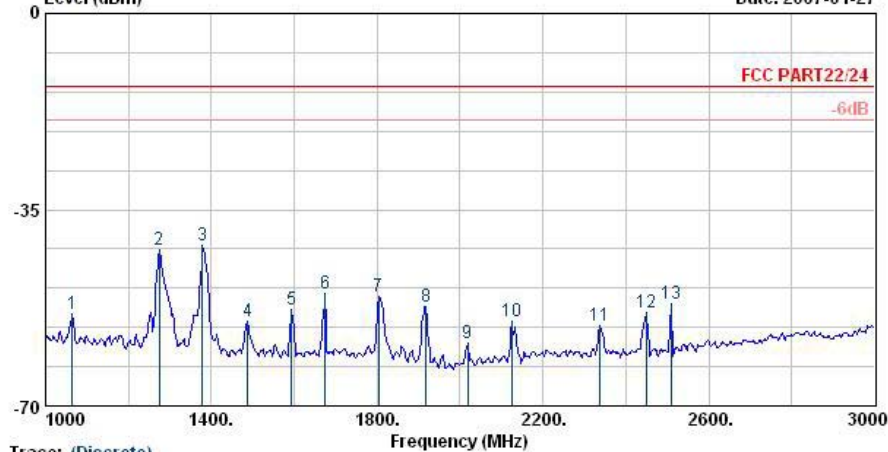
- #2: MS Signal
- #3: BS Signal



FCC TEST REPORT

Report No. : FG6O2516

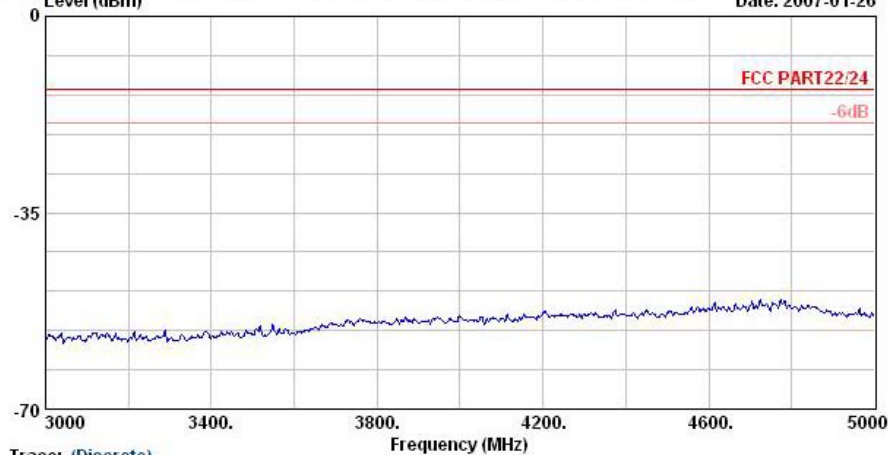
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Trace: (Discrete)
Site : 03CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Wac/60Hz
Model : FG6O2516
Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	1064.0	-53.63	-40.63	-13.00	-55.27	1.64	Peak
2 @	1274.0	-42.15	-29.15	-13.00	-43.24	1.09	Peak
3 @	1378.0	-41.48	-28.48	-13.00	-42.22	0.74	Peak
4	1488.0	-54.84	-41.84	-13.00	-55.29	0.45	Peak
5	1594.0	-52.88	-39.88	-13.00	-53.26	0.37	Peak
6	1674.0	-49.87	-36.87	-13.00	-50.09	0.22	Peak
7	1804.0	-50.42	-37.42	-13.00	-50.21	-0.21	Peak
8	1918.0	-52.42	-39.42	-13.00	-51.61	-0.81	Peak
9	2018.0	-58.82	-45.82	-13.00	-57.80	-1.02	Peak
10	2124.0	-54.79	-41.79	-13.00	-54.78	-0.01	Peak
11	2338.0	-55.80	-42.80	-13.00	-56.63	0.82	Peak
12	2448.0	-53.40	-40.40	-13.00	-54.51	1.11	Peak
13	2508.0	-51.78	-38.78	-13.00	-52.98	1.20	Peak

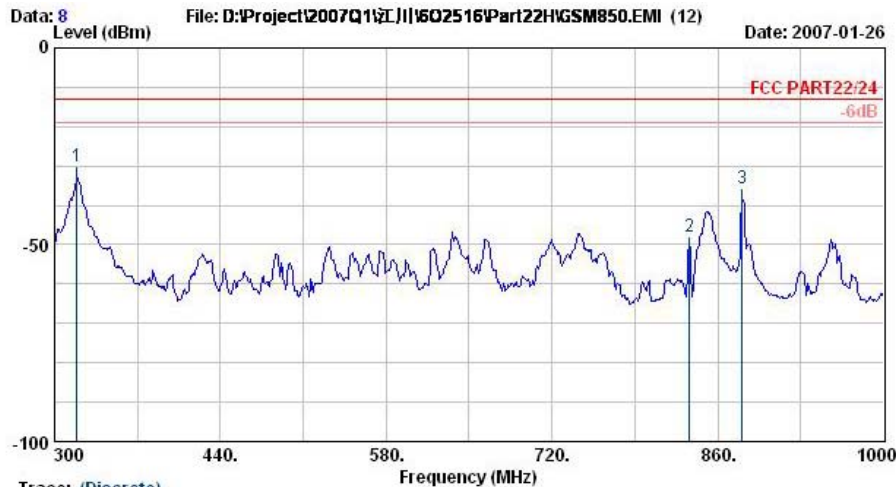
Data: 4 File: D:\Project\2007Q1\ZJ\1602516\Part22HGSM850.EMI (12) Date: 2007-01-26



Trace: (Discrete)
Site : 03CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Wac/60Hz
Model : FG 6O2516
Mode : GSM 850 Link+Adaptor



Vertical Polarization



Remark:

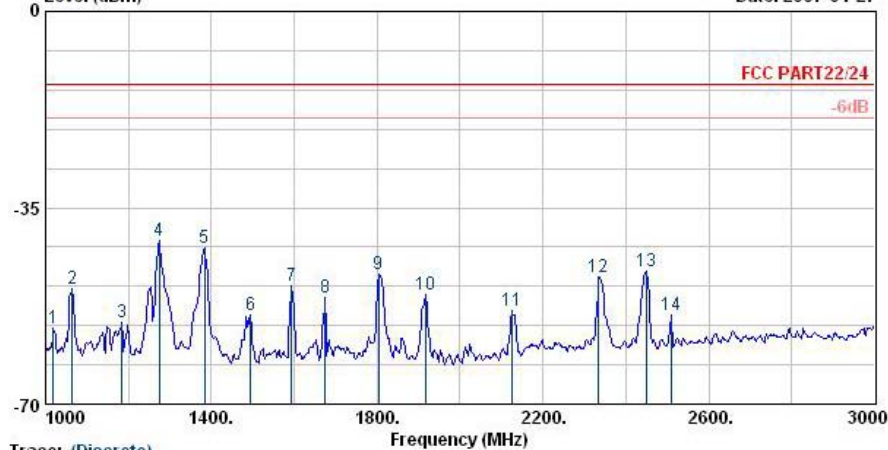
1. #2: MS Signal
2. #3: BS Signal



FCC TEST REPORT

Report No. : FG6O2516

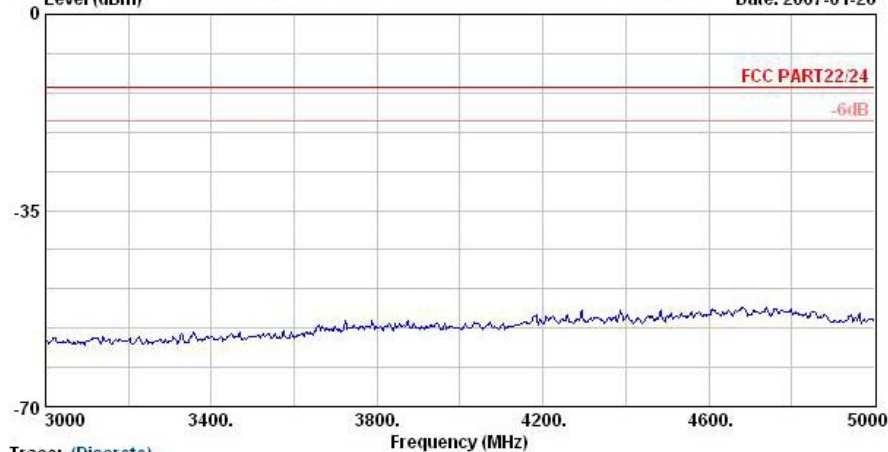
Data: 9 Level (dBm) File: D:\Project\2007Q1\J\I\I\602516\Part22H\GSM850.EMI (12) Date: 2007-01-27



Site : 09CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : GSM 850 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	1018.0	-56.54	-43.54	-13.00	-55.81	-0.73	Peak
2	1064.0	-49.43	-36.43	-13.00	-48.65	-0.79	Peak
3	1184.0	-55.43	-42.43	-13.00	-54.69	-0.73	Peak
4 @	1274.0	-40.81	-27.81	-13.00	-39.98	-0.83	Peak
5 @	1384.0	-42.27	-29.27	-13.00	-41.34	-0.93	Peak
6	1494.0	-54.16	-41.16	-13.00	-53.19	-0.97	Peak
7	1594.0	-48.96	-35.96	-13.00	-48.29	-0.67	Peak
8	1674.0	-50.91	-37.91	-13.00	-50.43	-0.48	Peak
9 @	1804.0	-46.94	-33.94	-13.00	-46.63	-0.31	Peak
10	1918.0	-50.61	-37.61	-13.00	-50.11	-0.50	Peak
11	2124.0	-53.45	-40.45	-13.00	-54.19	0.75	Peak
12 @	2334.0	-47.28	-34.28	-13.00	-49.02	1.75	Peak
13 @	2448.0	-46.26	-33.26	-13.00	-48.42	2.16	Peak
14	2508.0	-54.16	-41.16	-13.00	-56.43	2.27	Peak

Data: 10 Level (dBm) File: D:\Project\2007Q1\J\I\I\602516\Part22H\GSM850.EMI (12) Date: 2007-01-26



Site : 09CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG 6O2516
Mode : GSM 850 Link+Adaptor

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



4.6.5.2 Mode 2

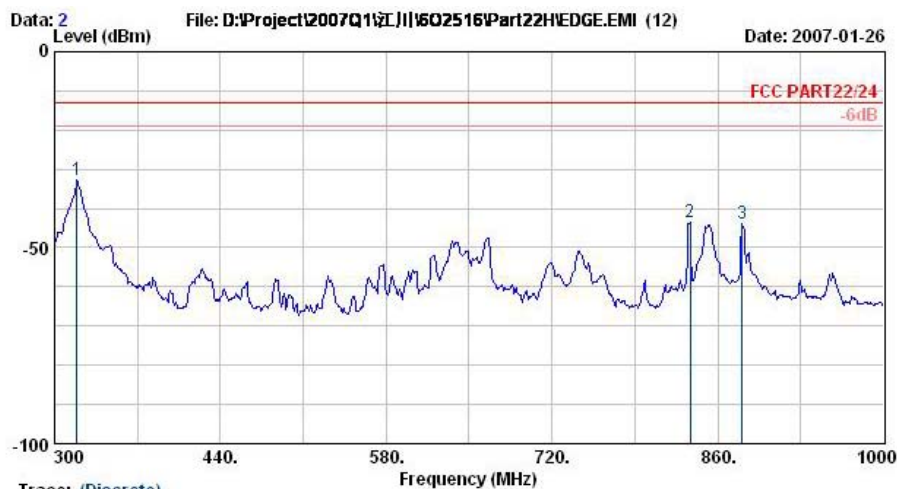
Horizontal Polarization



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	32.4	-51.89	-38.89	-13.00	-50.42	-1.47	Peak
2	212.0	-48.83	-35.83	-13.00	-35.87	-12.96	Peak
3 @	298.4	-48.77	-35.77	-13.00	-38.79	-9.98	Peak



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	318.9	-32.73	-19.73	-13.00	-23.46	-9.28	Peak
2 @	836.9	-43.67			-42.34	-1.33	Peak
3 @	880.3	-43.97			-43.06	-0.91	Peak

Remark:

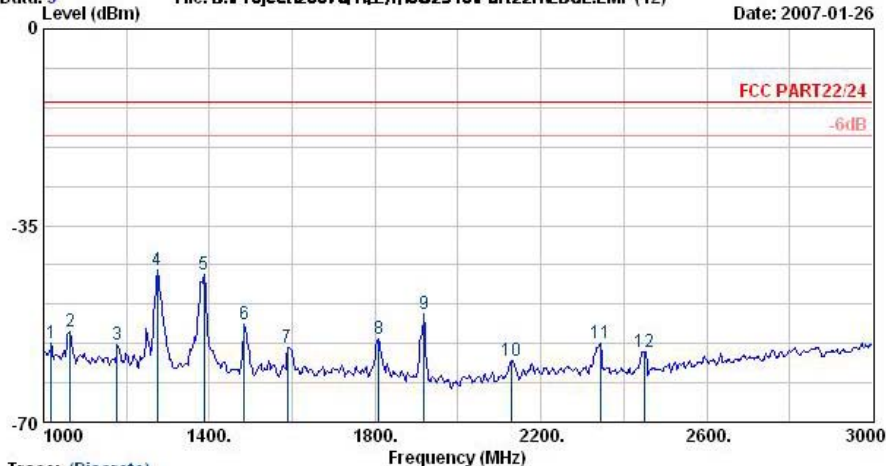
- #2: MS Signal
- #3: BS Signal



FCC TEST REPORT

Report No. : FG6O2516

Data: 3 File: D:\Project\2007Q1\江川\602516\Part22HEDGE.EMI (12) Date: 2007-01-26

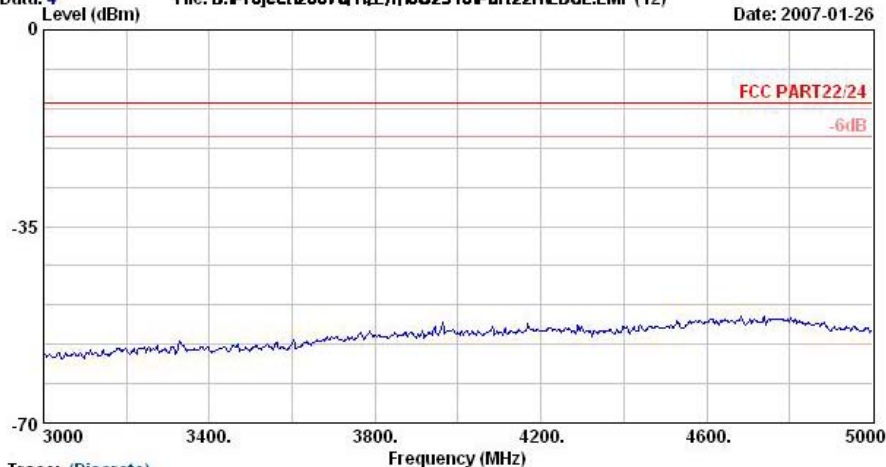


Trace: (Discrete)

Site : 08CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Wac/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	1018.0	-55.87	-42.87	-13.00	-57.65	1.78	Peak
2	1064.0	-53.85	-40.85	-13.00	-55.48	1.64	Peak
3	1178.0	-56.13	-43.13	-13.00	-57.57	1.44	Peak
4 @	1274.0	-42.85	-29.85	-13.00	-43.94	1.09	Peak
5 @	1388.0	-43.82	-30.82	-13.00	-44.56	0.74	Peak
6	1484.0	-52.68	-39.68	-13.00	-53.13	0.45	Peak
7	1588.0	-56.65	-43.65	-13.00	-57.02	0.37	Peak
8	1808.0	-55.07	-42.07	-13.00	-54.86	-0.21	Peak
9	1918.0	-50.64	-37.64	-13.00	-49.83	-0.81	Peak
10	2128.0	-59.10	-46.10	-13.00	-59.10	-0.01	Peak
11	2344.0	-55.96	-42.96	-13.00	-56.83	0.87	Peak
12	2448.0	-57.43	-44.43	-13.00	-58.54	1.11	Peak

Data: 4 File: D:\Project\2007Q1\江川\602516\Part22HEDGE.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 56K Modem
Power : 120Wac/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

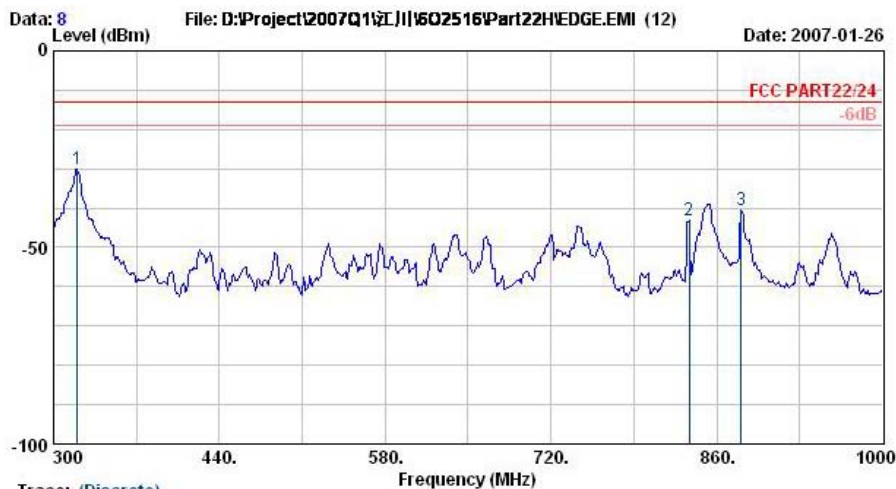


Vertical Polarization



Trace: (Discrete)
Site : 03CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	55.4	-47.69	-34.69	-13.00	-33.57	-14.12 Peak
2 @	212.0	-47.66	-34.66	-13.00	-39.34	-8.32 Peak
3 @	299.2	-44.37	-31.37	-13.00	-37.91	-6.46 Peak



Trace: (Discrete)
Site : 03CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	320.3	-30.16	-17.16	-13.00	-24.13	-6.03 Peak
2 @	836.9	-43.25			-44.61	1.36 Peak
3 @	880.3	-40.61			-42.32	1.71 Peak

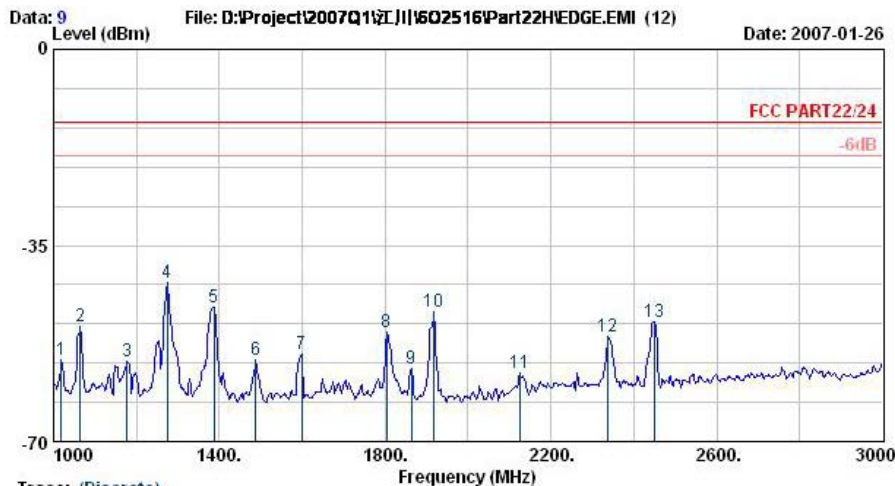
Remark:

1. #2: MS Signal
2. #3: BS Signal



FCC TEST REPORT

Report No. : FG6O2516



Trace: (Discrete)

Site : 09CH06-HY

Condition : HF-SPURIOUS VERTICAL

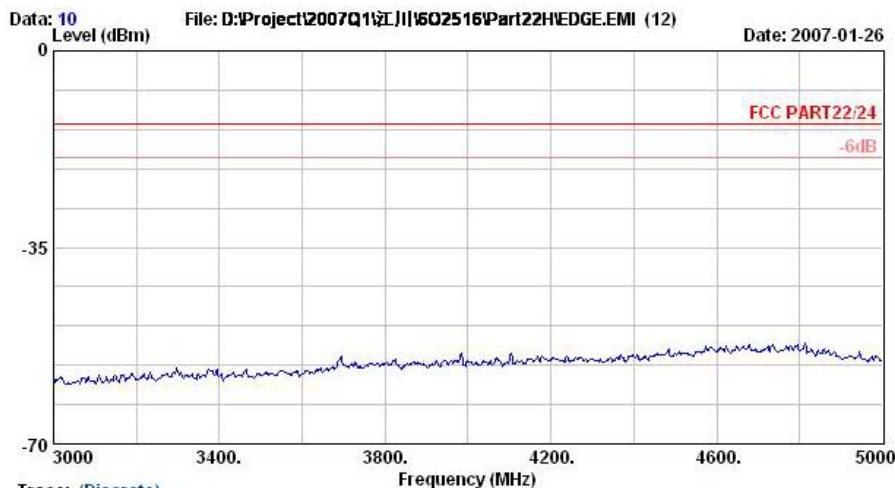
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT 56K Modem

Power : 120V_{ac}/60Hz

Model : FG6O2516

Mode : EDGE Linkt-Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1	1018.0	-55.54	-42.54	-13.00	-54.81	-0.73 Peak
2	1064.0	-49.54	-36.54	-13.00	-48.75	-0.79 Peak
3	1178.0	-55.60	-42.60	-13.00	-54.86	-0.73 Peak
4 @	1274.0	-41.52	-28.52	-13.00	-40.69	-0.83 Peak
5 @	1388.0	-45.99	-32.99	-13.00	-45.06	-0.93 Peak
6	1488.0	-55.45	-42.45	-13.00	-54.48	-0.97 Peak
7	1598.0	-54.34	-41.34	-13.00	-53.67	-0.67 Peak
8	1804.0	-50.57	-37.57	-13.00	-50.26	-0.31 Peak
9	1864.0	-56.87	-43.87	-13.00	-56.46	-0.40 Peak
10 @	1918.0	-46.71	-33.71	-13.00	-46.22	-0.50 Peak
11	2124.0	-57.71	-44.71	-13.00	-58.46	0.75 Peak
12	2338.0	-51.23	-38.23	-13.00	-52.98	1.75 Peak
13 @	2448.0	-48.55	-35.55	-13.00	-50.71	2.16 Peak



Trace: (Discrete)

Site : 09CH06-HY

Condition : HF-SPURIOUS VERTICAL

EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg and BT 56K Modem

Power : 120V_{ac}/60Hz

Model : FG6O2516

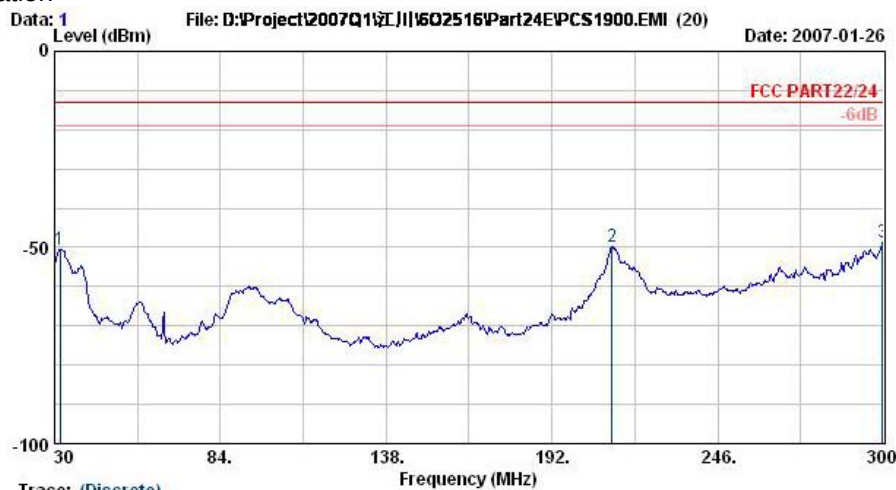
Mode : EDGE Linkt-Adaptor

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



4.6.5.3 Mode 3

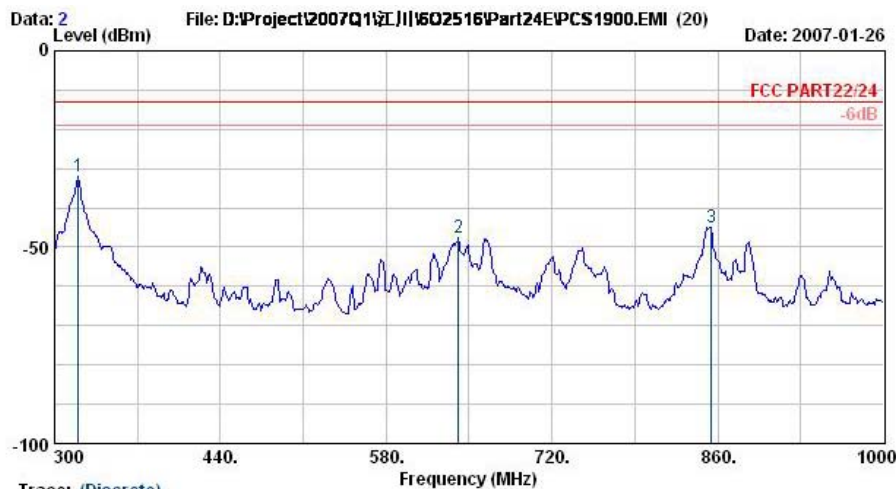
Horizontal Polarization



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11bg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1 @	31.9	-50.53	-37.53	-13.00	-49.67	-0.86	Peak
2 @	211.4	-49.86	-36.86	-13.00	-36.87	-12.99	Peak
3 @	299.7	-48.72	-35.72	-13.00	-38.77	-9.95	Peak



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11bg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

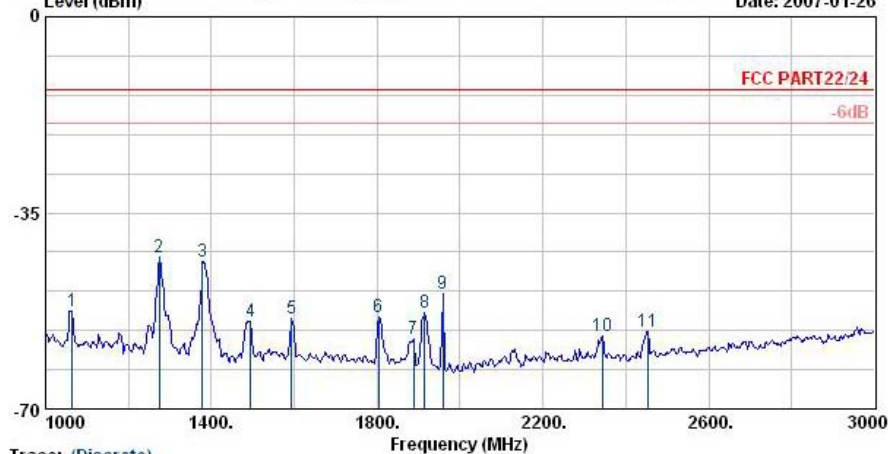
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1 @	320.3	-31.95	-18.95	-13.00	-22.71	-9.24	Peak
2 @	640.9	-47.68	-34.68	-13.00	-44.36	-3.32	Peak
3 @	854.4	-44.81	-31.81	-13.00	-43.65	-1.17	Peak



FCC TEST REPORT

Report No. : FG6O2516

Data: 3 File: D:\Project\2007Q1\ZJ\1\602516\Part24\PCS1900.EMI (20) Date: 2007-01-26



Trace: (Discrete)

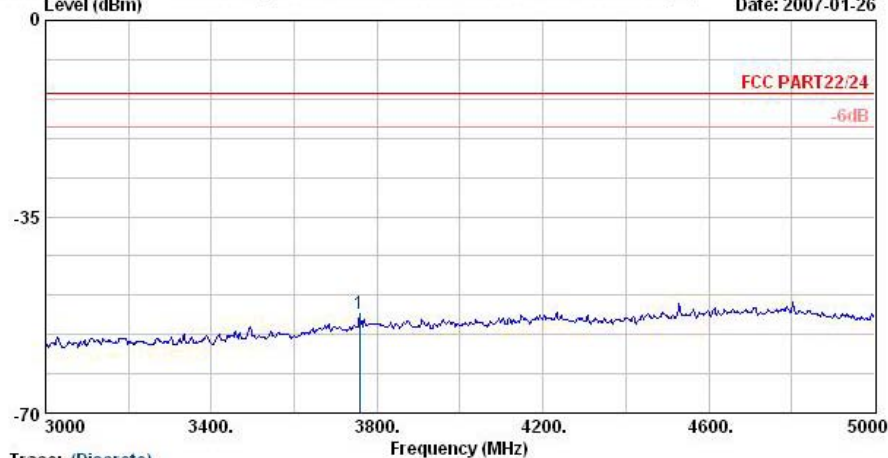
Site : 09CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11bg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	1064.0	-52.62	-39.62	-13.00	-54.26	1.64	Peak
2 @	1274.0	-42.94	-29.94	-13.00	-44.03	1.09	Peak
3 @	1378.0	-43.70	-30.70	-13.00	-44.44	0.74	Peak
4	1494.0	-54.36	-41.36	-13.00	-54.81	0.45	Peak
5	1594.0	-53.99	-40.99	-13.00	-54.37	0.37	Peak
6	1804.0	-53.52	-40.52	-13.00	-53.31	-0.21	Peak
7	1888.0	-57.60			-56.92	-0.68	Peak
8	1914.0	-52.84	-39.84	-13.00	-52.03	-0.81	Peak
9 @	1958.0	-49.53			-48.42	-1.11	Peak
10	2344.0	-57.12	-44.12	-13.00	-57.99	0.87	Peak
11	2454.0	-56.20	-43.20	-13.00	-57.31	1.11	Peak

Remark:

1. #7: MS Signal
2. #9: BS Signal

Data: 4 File: D:\Project\2007Q1\ZJ\1\602516\Part24\PCS1900.EMI (20) Date: 2007-01-26



Trace: (Discrete)

Site : 09CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11bg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	3758.0	-52.31	-39.31	-13.00	-60.24	7.92	Peak

SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : JYV-V5W1BBHA

Page No. : 98 of 150

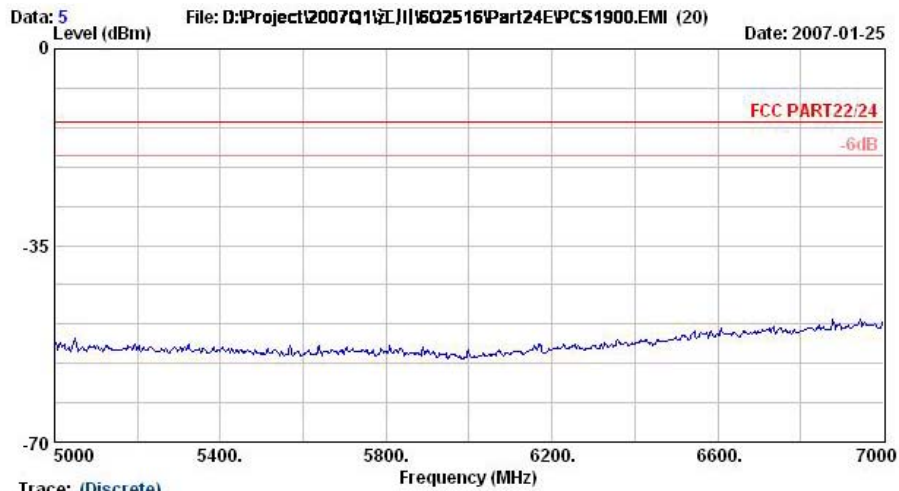
Report Issued Date : Mar. 30, 2007

Report Version : Rev. 04



FCC TEST REPORT

Report No. : FG6O2516



Trace: (Discrete)

Site : 08CH06-HY
Condition : HP-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11bg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

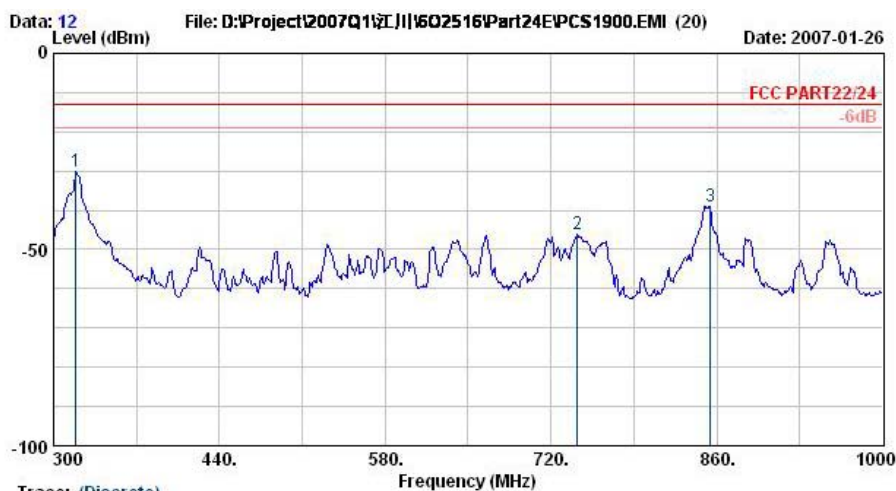


Vertical Polarization



Trace: (Discrete)
Site : 08CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11bg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1 @	31.9	-46.97	-33.97	-13.00	-37.35	-9.62 Peak
2 @	211.4	-48.00	-35.00	-13.00	-39.66	-8.34 Peak
3 @	288.9	-46.84	-33.84	-13.00	-40.15	-6.69 Peak



Trace: (Discrete)
Site : 08CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11bg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

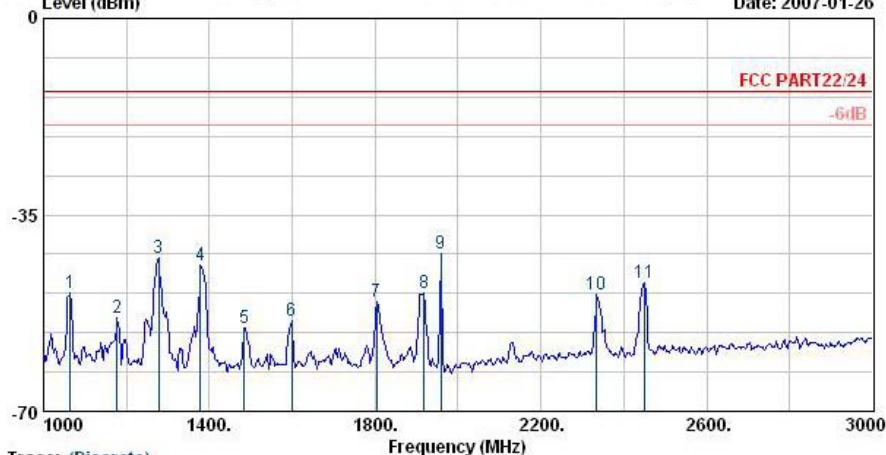
	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1 @	318.9	-30.22	-17.22	-13.00	-24.17	-6.05 Peak
2 @	742.4	-46.23	-33.23	-13.00	-46.42	0.20 Peak
3 @	854.4	-38.96	-25.96	-13.00	-40.46	1.50 Peak



FCC TEST REPORT

Report No. : FG6O2516

Data: 13 File: D:\Project\2007Q1\Z\J\I\602516\Part24\PCS1900.EMI (20) Date: 2007-01-26



Trace: (Discrete)

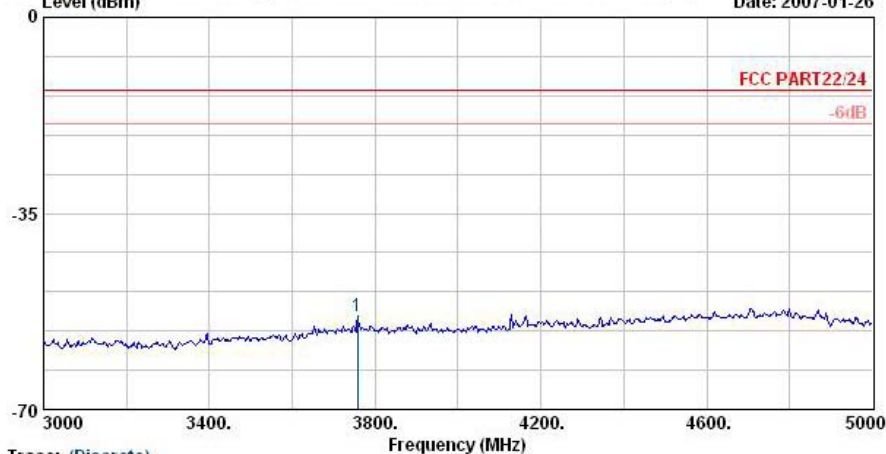
Site : 08CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11bg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1064.0	-48.88	-35.88	-13.00	-48.09	-0.79	Peak
2	1178.0	-53.24	-40.24	-13.00	-52.50	-0.73	Peak
3 @	1278.0	-42.80	-29.80	-13.00	-41.97	-0.83	Peak
4 @	1378.0	-44.08	-31.08	-13.00	-43.15	-0.93	Peak
5	1484.0	-55.14	-42.14	-13.00	-54.17	-0.97	Peak
6	1598.0	-53.77	-40.77	-13.00	-53.10	-0.67	Peak
7 @	1804.0	-50.50	-37.50	-13.00	-50.19	-0.31	Peak
8 @	1918.0	-48.97	-35.97	-13.00	-48.47	-0.50	Peak
9 @	1958.0	-41.94			-41.34	-0.60	Peak
10 @	2334.0	-49.24	-36.24	-13.00	-50.99	1.75	Peak
11 @	2448.0	-46.97	-33.97	-13.00	-49.13	2.16	Peak

Remark:

1. #9: BS Signal

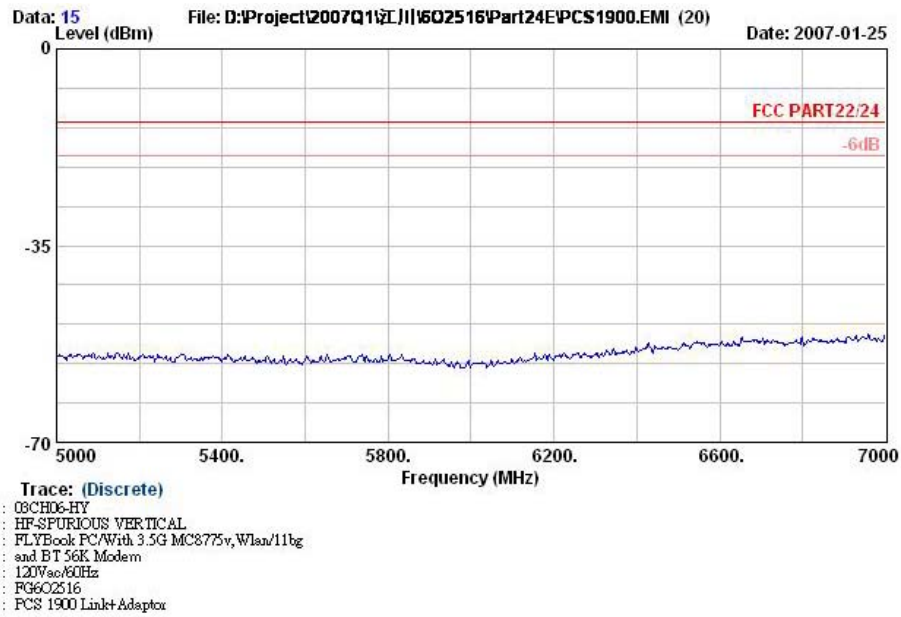
Data: 14 File: D:\Project\2007Q1\Z\J\I\602516\Part24\PCS1900.EMI (20) Date: 2007-01-26



Trace: (Discrete)

Site : 08CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11bg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : PCS 1900 Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	3758.0	-53.42	-40.42	-13.00	-60.06	6.64	Peak



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



4.6.5.4 Mode 4

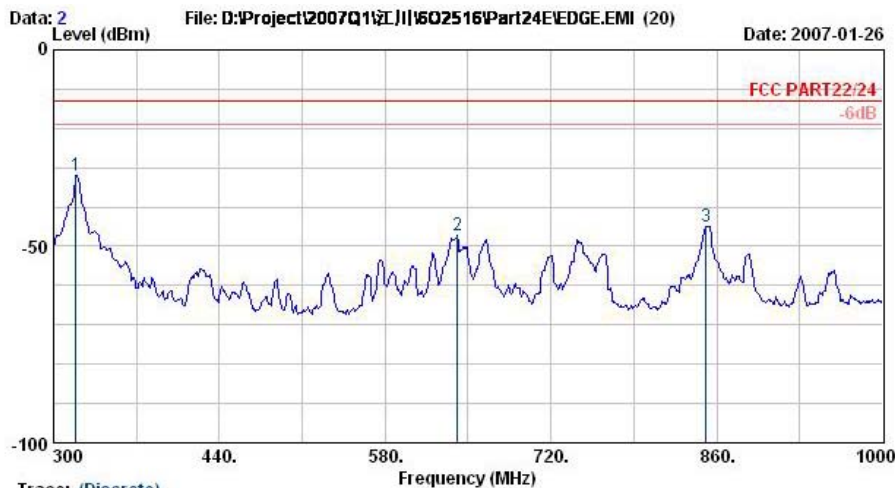
Horizontal Polarization



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	212.8	-48.69	-35.69	-13.00	-35.73	-12.96	Peak
2	265.4	-54.90	-41.90	-13.00	-43.78	-11.12	Peak
3	291.1	-49.06	-36.06	-13.00	-38.81	-10.25	Peak



Trace: (Discrete)

Site : 09CH06-HY
Condition : LF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

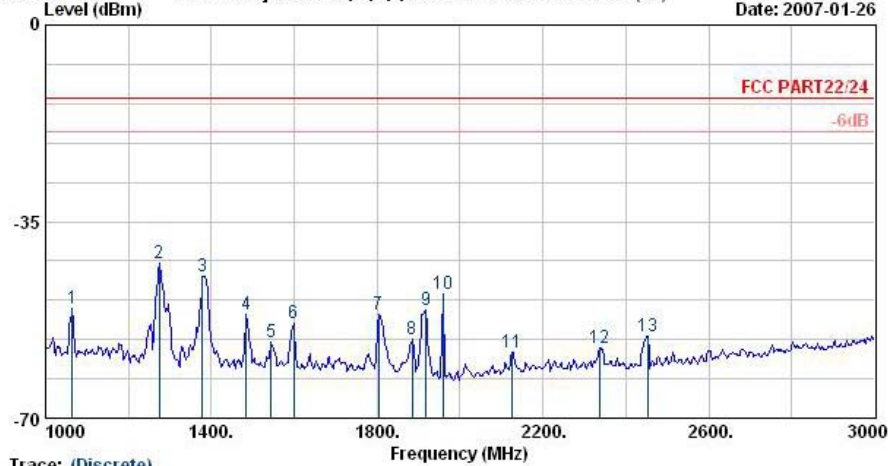
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	318.9	-31.82	-18.82	-13.00	-22.55	-9.28	Peak
2 @	640.9	-47.09	-34.09	-13.00	-43.77	-3.32	Peak
3 @	850.9	-44.86	-31.86	-13.00	-43.66	-1.20	Peak



FCC TEST REPORT

Report No. : FG6O2516

Data: 3 File: D:\Project\2007Q1\江川\602516\Part24\EDGE.EMI (20) Date: 2007-01-26



Trace: (Discrete)
Site : 08CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Wac/60Hz
Model : FG6O2516
Mode : EDGE Linkt Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	1064.0	-50.60	-37.60	-13.00	-52.24	1.64	Peak
2 @	1274.0	-42.33	-29.33	-13.00	-43.42	1.09	Peak
3 @	1378.0	-44.71	-31.71	-13.00	-45.45	0.74	Peak
4	1484.0	-51.57	-38.57	-13.00	-52.02	0.45	Peak
5	1544.0	-56.49	-43.49	-13.00	-56.94	0.45	Peak
6	1598.0	-53.13	-40.13	-13.00	-53.50	0.37	Peak
7	1804.0	-51.52	-38.52	-13.00	-51.30	-0.21	Peak
8	1884.0	-55.92			-55.24	-0.68	Peak
9	1918.0	-50.75	-37.75	-13.00	-49.94	-0.81	Peak
10 @	1958.0	-47.76			-46.65	-1.11	Peak
11	2124.0	-58.34	-45.34	-13.00	-58.33	-0.01	Peak
12	2338.0	-57.47	-44.47	-13.00	-58.29	0.82	Peak
13	2454.0	-55.44	-42.44	-13.00	-56.55	1.11	Peak

Remark:

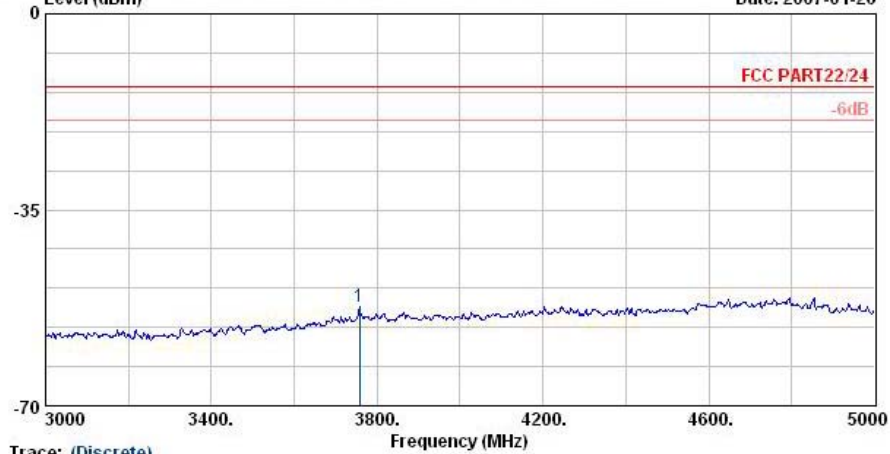
1. #8: MS Signal
2. #9: BS Signal



FCC TEST REPORT

Report No. : FG6O2516

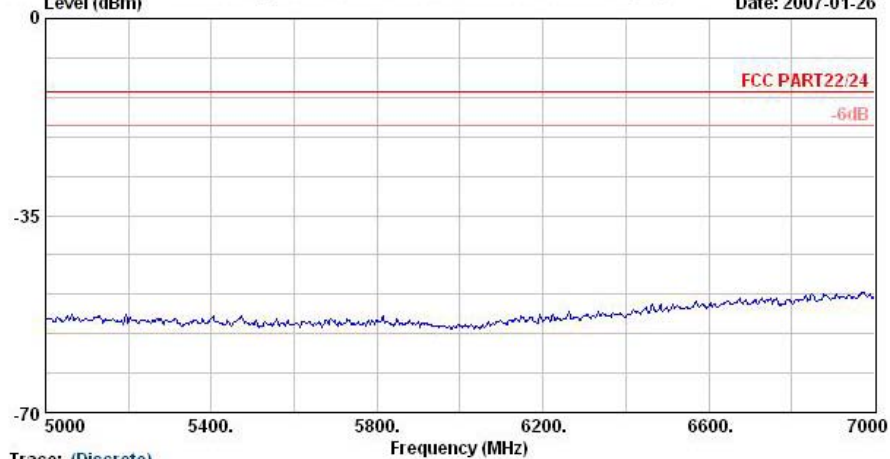
Data: 4 File: D:\Project\2007Q1\Z\J\1602516\Part24E\EDGE.EMI (20) Date: 2007-01-26



Trace: (Discrete)
Site : 09CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dB	
1	3758.0	-52.24	-39.24	-13.00	-60.16	7.92 Peak

Data: 5 File: D:\Project\2007Q1\Z\J\1602516\Part24E\EDGE.EMI (20) Date: 2007-01-26



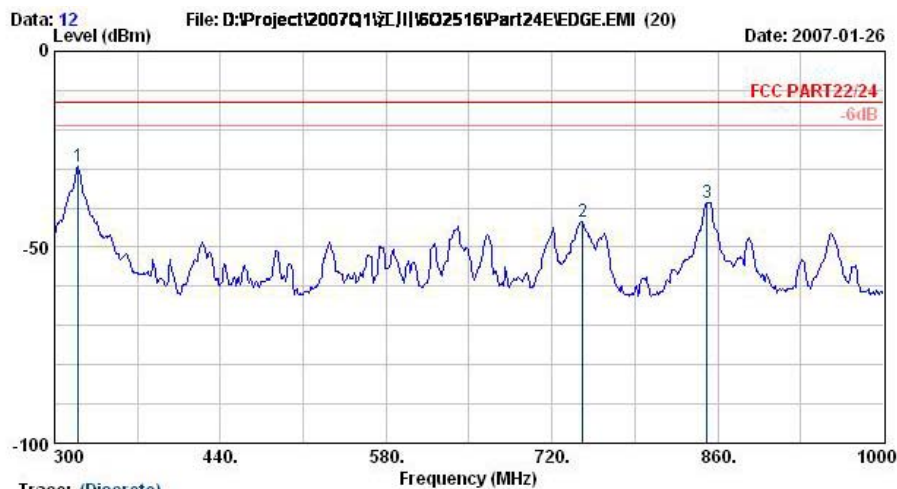
Trace: (Discrete)
Site : 09CH06-HY
Condition : HF-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120V_{ac}/60Hz
Model : FG6O2516
Mode : EDGE Link+Adaptor



Vertical Polarization



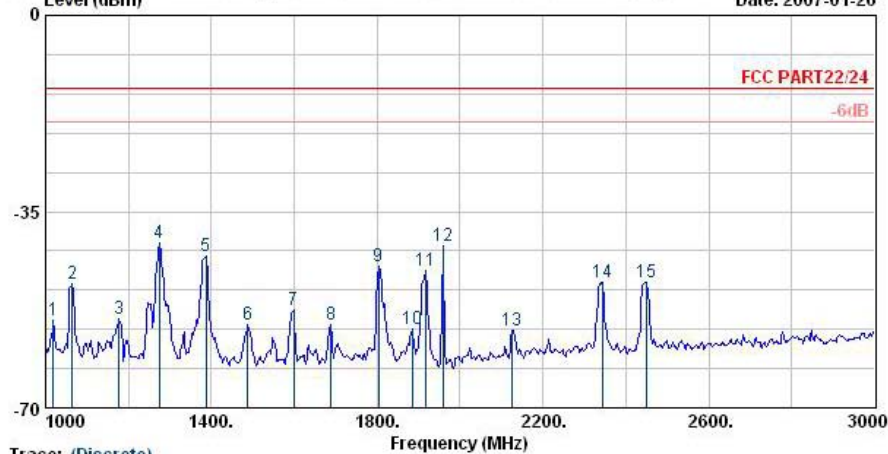
	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	31.9	-46.50	-33.50	-13.00	-36.89	-9.62 Peak
2 @	56.7	-46.30	-33.30	-13.00	-32.46	-13.84 Peak
3 @	291.1	-44.48	-31.48	-13.00	-37.83	-6.65 Peak



	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
		dBm	dB	dBm	dBm	dB
1 @	320.3	-29.45	-16.45	-13.00	-23.42	-6.03 Peak
2 @	745.9	-43.67	-30.67	-13.00	-43.93	0.25 Peak
3 @	850.9	-38.54	-25.54	-13.00	-40.02	1.47 Peak



Data: 13 Level (dBm) File: D:\Project\2007Q1\ZJ\1602516\Part24\EDGE.EMI (20) Date: 2007-01-26



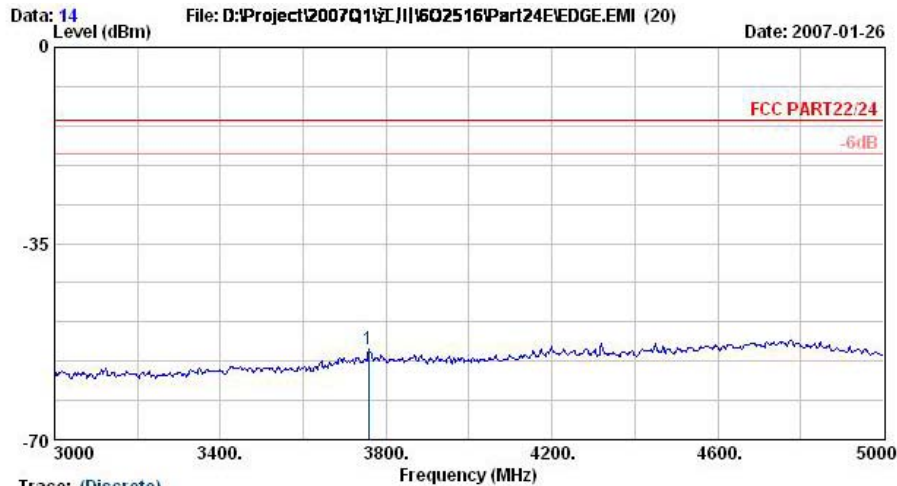
Trace: (Discrete)

Site : 09CH06-HY
Condition : HF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11abg
and BT 56K Modem
Power : 120Wac/60Hz
Model : FG6O2516
Mode : EDGE Linkt Adaptor

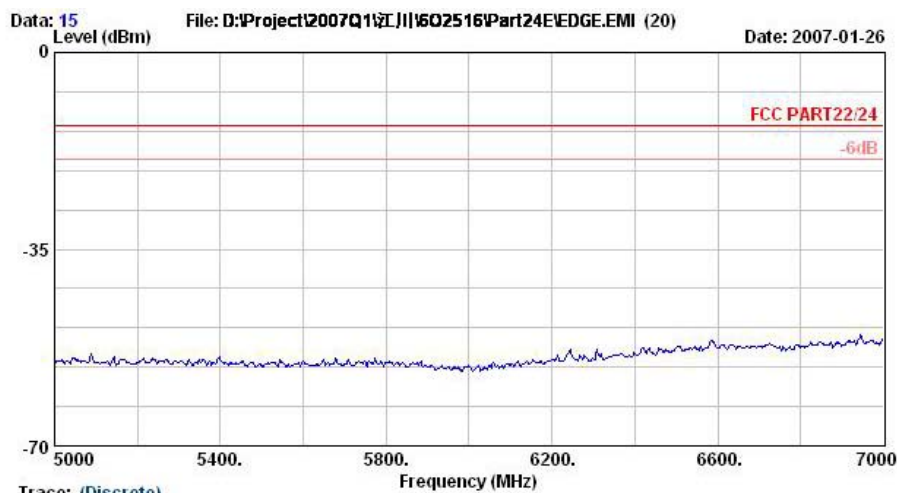
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	1018.0	-54.41	-41.41	-13.00	-53.68	-0.73	Peak
2 @	1064.0	-47.76	-34.76	-13.00	-46.97	-0.79	Peak
3	1178.0	-54.05	-41.05	-13.00	-53.31	-0.73	Peak
4 @	1274.0	-40.57	-27.57	-13.00	-39.74	-0.83	Peak
5 @	1388.0	-42.95	-29.95	-13.00	-42.02	-0.93	Peak
6	1488.0	-55.26	-42.26	-13.00	-54.29	-0.97	Peak
7	1598.0	-52.63	-39.63	-13.00	-51.96	-0.67	Peak
8	1688.0	-55.26	-42.26	-13.00	-54.76	-0.50	Peak
9 @	1804.0	-44.72	-31.72	-13.00	-44.41	-0.31	Peak
10	1884.0	-55.84			-55.34	-0.50	Peak
11 @	1918.0	-45.64	-32.64	-13.00	-45.14	-0.50	Peak
12 @	1958.0	-41.04			-40.44	-0.60	Peak
13	2124.0	-56.16	-43.16	-13.00	-56.90	0.75	Peak
14 @	2344.0	-47.51	-34.51	-13.00	-49.33	1.82	Peak
15 @	2448.0	-47.65	-34.65	-13.00	-49.80	2.16	Peak

Remark:

1. #10: MS Signal
2. #12: BS Signal



	Freq	Level	Over	Limit	Read	
	MHz	dBm	dB	dBm	dBm	Factor Remark
1	3758.0	-53.86	-40.86	-13.00	-60.50	6.64 Peak



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



4.6.5.5 Mode 5

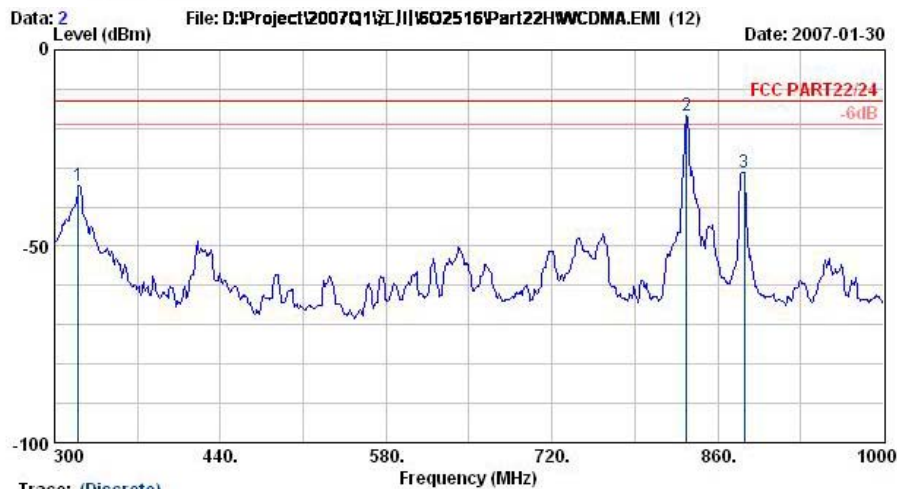
Horizontal Polarization



Trace: (Discrete)

Site : 09CH06-HY
Condition : LP-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1	35.9	-46.96	-33.96	-13.00	-43.66	-3.29	Peak
2	266.0	-50.01	-37.01	-13.00	-38.89	-11.12	Peak
3	290.3	-46.20	-33.20	-13.00	-35.92	-10.28	Peak



Trace: (Discrete)

Site : 09CH06-HY
Condition : LP-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : WCDMA Link+Adaptor

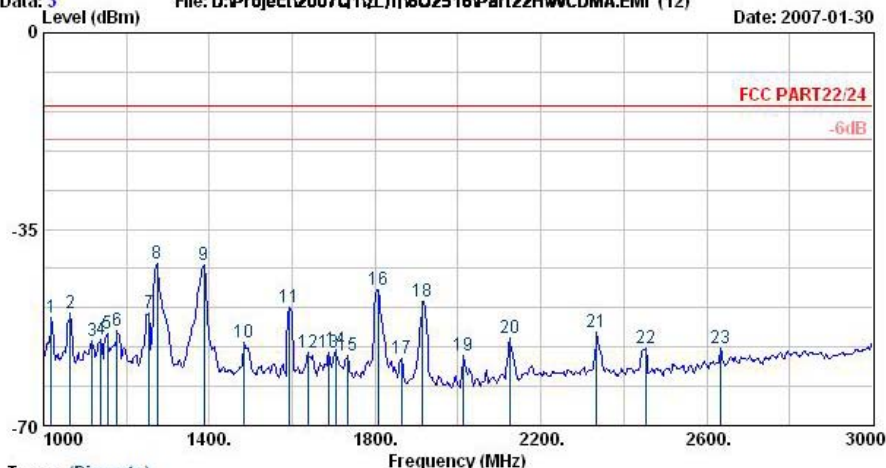
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
		dBm	dB	dBm	dBm	dB	
1	320.3	-34.44	-21.44	-13.00	-25.20	-9.24	Peak
2 @	833.4	-16.88			-15.51	-1.37	Peak
3	882.4	-31.09			-30.20	-0.89	Peak

Remark:

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



Data: 3 File: D:\Project\2007Q1\J\1602516\Part22HWCDMA.EMI (12) Date: 2007-01-30



Trace: (Discrete)

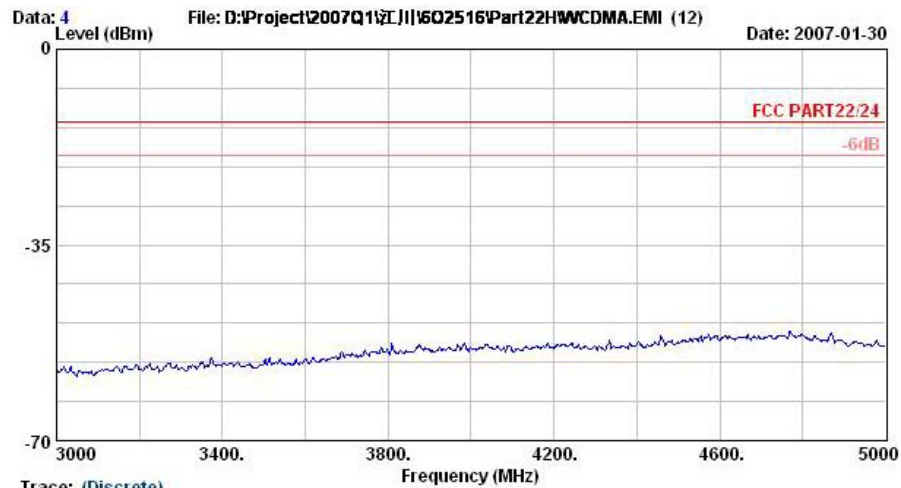
Site : 08CH06-HY
Condition : HP-SPURIOUS HORIZONTAL
EUT : FLYBook PC/With 3.5G MC8775v, Wlan/11abg
and BT 56K Modem
Power : 120Wac/60Hz
Model : FG6O2516
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	1018.0	-50.85	-37.85	-13.00	-52.63	1.78	Peak
2	1064.0	-49.93	-36.93	-13.00	-51.57	1.64	Peak
3	1118.0	-54.87	-41.87	-13.00	-56.45	1.58	Peak
4	1138.0	-54.77	-41.77	-13.00	-56.35	1.58	Peak
5	1154.0	-53.61	-40.61	-13.00	-55.12	1.51	Peak
6	1178.0	-53.14	-40.14	-13.00	-54.57	1.44	Peak
7	1254.0	-50.06	-37.06	-13.00	-51.26	1.20	Peak
8	1274.0	-41.06	-28.06	-13.00	-42.15	1.09	Peak
9	1388.0	-41.47	-28.47	-13.00	-42.22	0.74	Peak
10	1484.0	-55.20	-42.20	-13.00	-55.65	0.45	Peak
11	1594.0	-48.96	-35.96	-13.00	-49.33	0.37	Peak
12	1638.0	-57.01	-44.01	-13.00	-57.33	0.31	Peak
13	1688.0	-57.02	-44.02	-13.00	-57.16	0.13	Peak
14	1704.0	-56.58	-43.58	-13.00	-56.66	0.08	Peak
15	1734.0	-57.61	-44.61	-13.00	-57.63	0.02	Peak
16	1808.0	-45.82	-32.82	-13.00	-45.61	-0.21	Peak
17	1864.0	-58.07	-45.07	-13.00	-57.56	-0.51	Peak
18	1914.0	-47.87	-34.87	-13.00	-47.06	-0.81	Peak
19	2014.0	-57.50	-44.50	-13.00	-56.47	-1.02	Peak
20	2124.0	-54.39	-41.39	-13.00	-54.38	-0.01	Peak
21	2334.0	-53.41	-40.41	-13.00	-54.23	0.82	Peak
22	2454.0	-56.25	-43.25	-13.00	-57.36	1.11	Peak
23	2634.0	-56.16	-43.16	-13.00	-58.24	2.08	Peak



FCC TEST REPORT

Report No. : FG6O2516





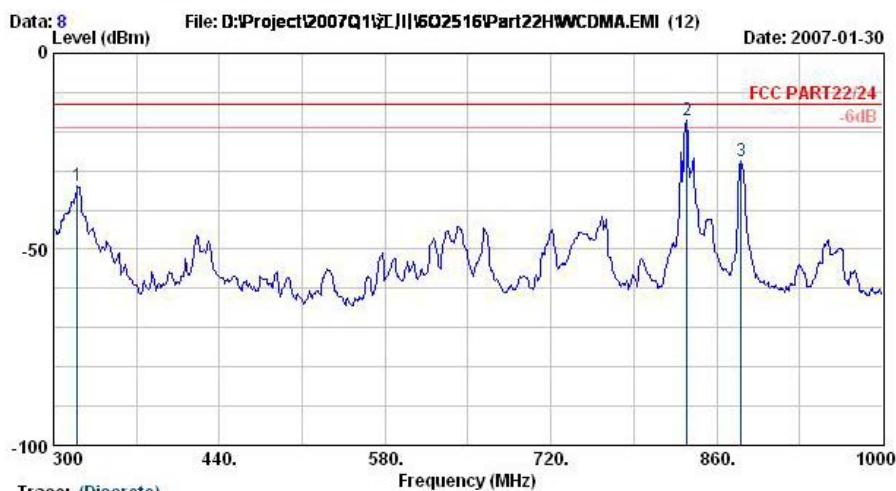
Vertical Polarization



Trace: (Discrete)

Site : 03CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1	36.5	-44.47	-31.47	-13.00	-33.48	-10.99 Peak
2	75.1	-50.19	-37.19	-13.00	-38.87	-11.32 Peak
3	290.3	-44.62	-31.62	-13.00	-37.96	-6.67 Peak



Trace: (Discrete)

Site : 03CH06-HY
Condition : LF-SPURIOUS VERTICAL
EUT : FLYBook PC/With 3.5G MC8775v,Wlan/11abg
and BT 56K Modem
Power : 120Vac/60Hz
Model : FG6O2516
Mode : WCDMA Link+Adaptor

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1	320.3	-33.92	-20.92	-13.00	-27.89	-6.03 Peak
2	834.8	-17.24			-18.58	1.35 Peak
3	880.3	-27.55			-29.26	1.71 Peak

Remark:

1. #2: MS Signal
2. #3: BS Signal