



FCC TEST REPORT

for

47 CFR Part 15 Subpart C and IC RSS-210

Equipment : GSM/GPRS/EDGE Smart phone
Trade Name : HP
Model No. : HSTNH-F13C
FCC ID : B94HSTNH-F13C
IC ID : 466Q-HHF13C
Filing Type : Certification
Applicant : Hewlett-Packard Company
3000 Hanover Street, Palo Alto, CA 94304

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- The data shown in this test report were carried out on Jan. 24, 2007 at **Sporton International Inc. LAB.**
- Report No.: FR711207, Report Version: Rev. 01

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Report Version: Rev. 01



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1. General Description of Equipment under Test

1.1 Applicant

Hewlett-Packard Company
3000 Hanover Street, Palo Alto, CA 94304

1.2 Manufacturer

FIH CO., LTD.
6F, North 2A, No. 7, Sec. 2, Sianmin Blvd., Banciao City, Taipei County 22041, Taiwan

1.3 Basic Description of Equipment under Test

Equipment	: GSM/GPRS/EDGE Smart phone
Trade Name	: HP
Model No.	: HSTNH-F13C
FCC ID	: B94HSTNH-F13C
IC ID	: 466Q-HHF13C
Power Supply Type	: Switching, From Battery 3.7V
AC Power Cord	: AC 120V, Wall-mount, 1.5 m, 2 pin
Adapter	: PhiHong, PSB05R-050Q
Battery	: Foxlink, HSTNH-K13B
Earphone	: Merry, EMC220-X007



1.4 Feature of Equipment under Test

Product Feature & Specification	
1. DUT Type	GSM/GPRS/EDGE Smart phone
2. Trade Name	HP
3. Model Name	HSTNH-F13C
4. FCC ID	B94HSTNH-F13C
5. IC ID	466Q-HHF13C
6. Tx Frequency	GSM850 : 824 ~ 849 MHz PCS1900 : 1850 ~1910 MHz Bluetooth : 2400~2483.5 MHz WLAN : 2400 ~ 2483.5 MHz
7. Rx Frequency	GSM850 : 869 ~ 894 MHz PCS1900 : 1930 ~ 1990 MHz Bluetooth : 2400~2483.5 MHz WLAN : 2400 ~ 2483.5 MHz
8. Number of Channels	Bluetooth : 79 WLAN : 11
9. Carrier Frequency of Each Channel	Bluetooth : 2402+n*1 MHz; n=0~78 WLAN : 2412+(n-1)*5 MHz; n=1~11
10. Antenna Connector	N/A
11. Antenna Type	GSM850 : Fixed Internal PCS1900 : Fixed Internal Bluetooth : PIFA Antenna 802.11b / 802.11g : PIFA Antenna
12. Antenna Gain	Bluetooth : 0 dBi 802.11b / 802.11g : 0 dBi
13. HW Version	5
14. SW Version	0.061
15. Maximum Output Power	Bluetooth : 0.92 dBm 802.11b : 17.97 dBm 802.11g : 20.39 dBm
16. Type of Modulation	GSM850 / PCS1900 : GMSK Bluetooth : GFSK 802.11b / 802.11g : DSSS / OFDM
17. DUT Stage	Identical Prototype
18. Application Type	Certification

2 Test Configuration of Equipment under Test

2.1 Test Manner

- a. The EUT has been associated with peripherals pursuant to ANSI C63.4-2003 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.
- b. For spurious emission below 1GHz, only one channel of each application was tested because it is not related to channel selection.
- c. The EUT is programmed to transmit signal continuously for all testings.
- d. Frequency range investigated: conduction 150 kHz to 30 MHz, radiation 30 MHz to 25000MHz.

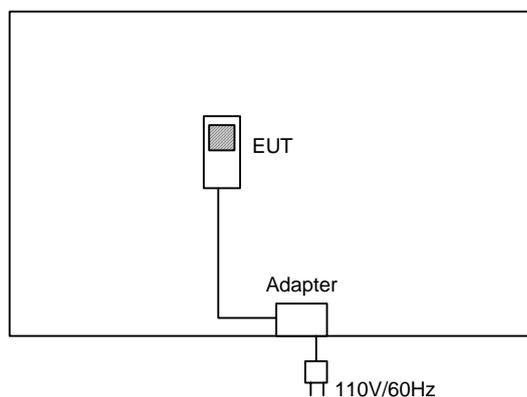
2.2 Test Mode

Application			
	802.11b	802.11g	BT
Radiated Emission	Mode 1: Tx_CH01_2412 MHz	Mode 4: Tx_CH01_2412 MHz	Mode 7: Tx_CH00_2402 MHz
	Mode 2: Tx_CH06_2437 MHz	Mode 5: Tx_CH06_2437 MHz	Mode 8: Tx_CH39_2441 MHz
	Mode 3: Tx_CH11_2462 MHz	Mode 6: Tx_CH11_2462 MHz	Mode 9: Tx_CH78_2480 MHz
Conducted Emission	Mode 1: GSM850 Idle Mode + BT Link + WLAN Link + Earphone + Camera + Adapter		
	Mode 2: GSM850 Idle Mode + BT Link + WLAN Link + Earphone + MPEG 4 + Adapter		
	Mode 3: EDGE Idle Mode + BT Link + WLAN Link + Earphone + Camera + Adapter		
	Mode 4: GSM850 Idle Mode + BT Link + WLAN Link + Earphone + Camera + USB Link		

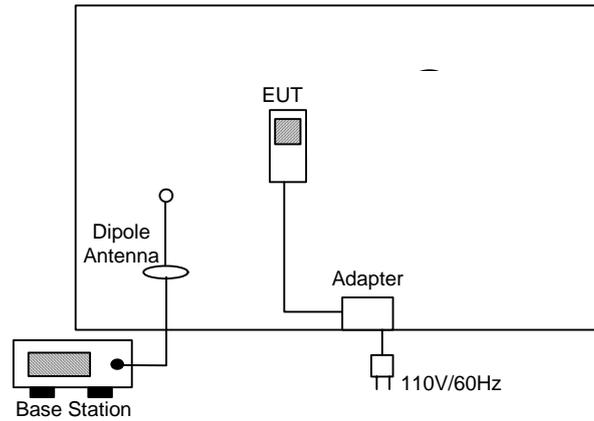
2.3 Connection Diagram of Test System

<Radiated Emission>

Mode 1-6

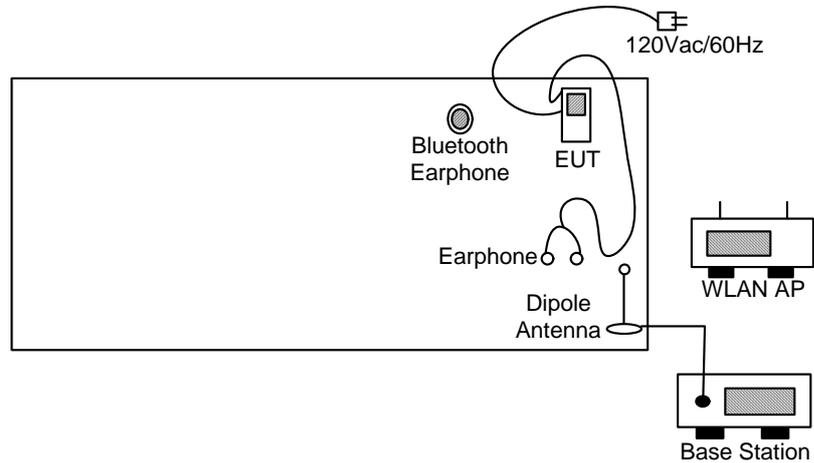


Mode 7-9

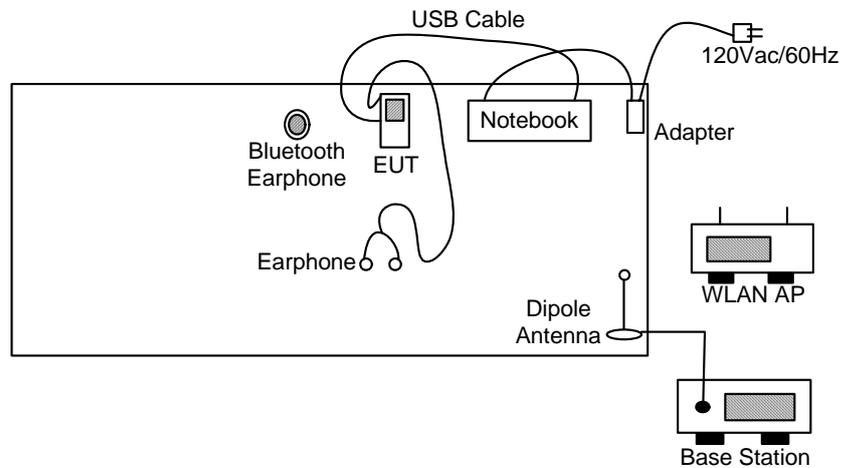


<Conducted Emission>

Mode 1~3



Mode 4





2.4 Ancillary Equipment List

Item	Asset	Model Name	Power Cord
1.	Base Station (R&S)	CMU 200	N/A
2.	WLAN AP (SMC)	SMC-100	N/A
3.	Bluetooth Earphone(Engotech)	ET-BH111	N/A
4.	USB Cable	N/A	1.5 m



3. RF Utility

The executive programs, "EMCTest.exe" under WINXP installed in notebook link data which generate a complete line continuously repeating "H" pattern were used as the test software.

The EUT is linked with BT earphone and WLAN AP for conducted emission or in BT continuous Tx mode controlled by RF utility and base station simulator or in WLAN continuous Tx mode controlled by RF utility for radiation emission and other conducted tests.



4. General Information of Test

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 : CO01-HY, 03CH06-HY, TH02-HY

4.1 Test Voltage

120V/ 60Hz

4.2 Standard for Methods of Measurement

ANSI C63.4-2003

4.3 Test in Compliance with

47 CFR Part 15 Subpart C and IC RSS-210 Issued 6

4.4 Frequency Range Investigated

- a. Conducted Emission : from 150 KHz to 30 MHz
- b. Radiated Emission : from 30 MHz to 25000 MHz

4.5 Test Distance

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



5. Test Data and Test Result

5.1 List of Measurements and Examinations

The Emission Mode: Wireless LAN

FCC Rule	IC Rule	Description of Test	Result
15.207	RSS-Gen 7.2.2	Conducted Emission	Pass
15.247(a)(2)	A8.2 (1)	6dB Bandwidth	Pass
15.247(b)	A8.4 (4)	Maximum Peak Output Power	Pass
15.209(a)	2.6	Radiated Emission	Pass
15.247 (c)	A8.5	100kHz Bandwidth of Frequency Band Edges	Pass
15.247(d)	A8.2 (2)	Power Spectral Density	Pass
15.203 15.247(b)(4)	A8.4 (6)	Antenna Requirement	Pass

**The Emission Mode: Bluetooth**

FCC Rule	IC Rule	Description of Test	Result
15.207	A8.1 (2)	Conducted Emission	Pass
15.247(a) (1)	A8.2 (4)	Hopping Channel Bandwidth	Pass
15.247(a)(1)	A8.1 (1)	Hopping Channel Separation	Pass
15.247(a)(1)(iii)	A8.1 (4)	Number of Hopping Frequency Used	Pass
15.247(a)(1)(iii)	A8.4 (2)	Dwell Time of Each Frequency	Pass
15.247(b)	A8.5	Output Power	Pass
15.247(c)	RSS-Gen 7.2.2	100kHz Bandwidth of Frequency Band Edges	Pass
15.209(a)	2.6	Radiated Emission	Pass
15.203 15.247(b)(4)	A8.4 (6)	Antenna Requirement	Pass

5.2 6dB Bandwidth Measurement

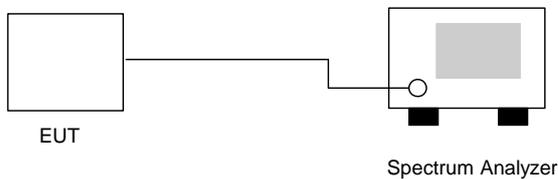
5.2.1 Measuring Instruments :

As described in chapter 6 of this test report.

5.2.2 Test Procedure :

1. The transmitter output was connected to the spectrum analyzer directly.
2. Set RBW of spectrum analyzer to 100kHz and VBW to 100kHz.
3. The 6 dB bandwidth is defined as the frequency range where the power is higher than the peak power minus 6dB.

5.2.3 Test Setup Layout :



5.2.4 Test Result :

- Application Type : WLAN 802.11b/g
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James

802.11b

Channel	Frequency (MHz)	6dB Emission bandwidth (MHz)	Limits (MHz)	Plot Ref. No.
01	2412	9.68	> 0.5MHz	Mode 1
06	2437	9.68	> 0.5MHz	Mode 2
11	2462	9.64	> 0.5MHz	Mode 3

802.11g

Channel	Frequency (MHz)	6dB Emission bandwidth (MHz)	Limits (MHz)	Plot Ref. No.
01	2412	16.56	> 0.5MHz	Mode 4
06	2437	16.56	> 0.5MHz	Mode 5
11	2462	16.56	> 0.5MHz	Mode 6

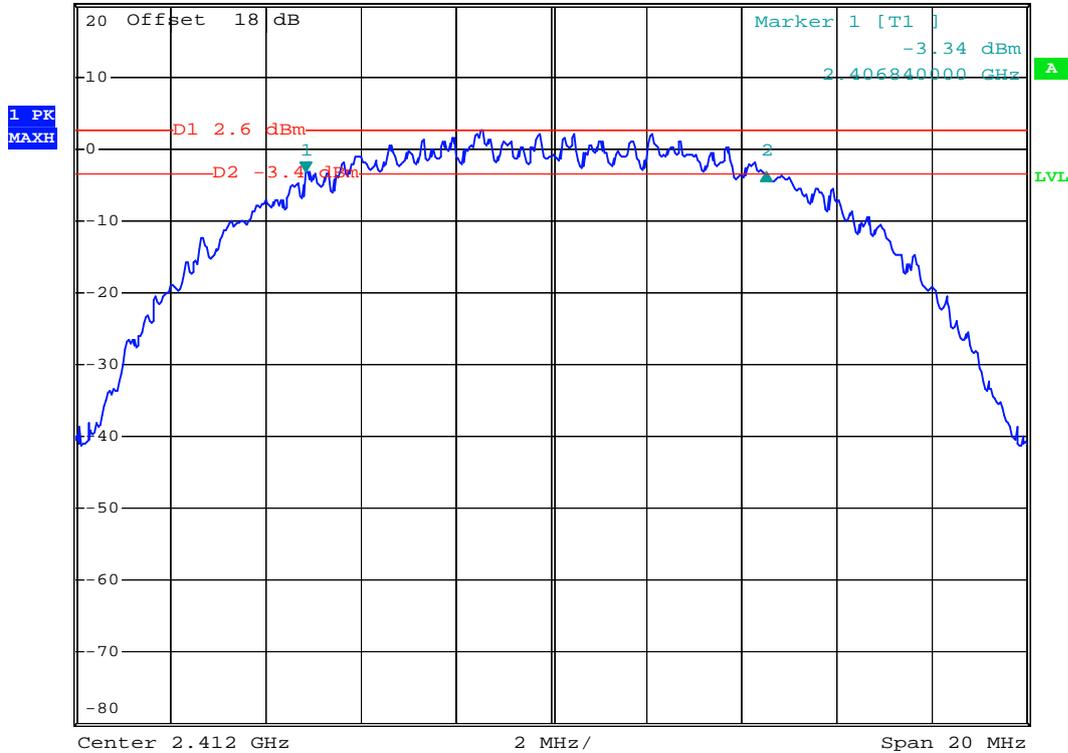


5.2.5 6dB Bandwidth

Mode 1



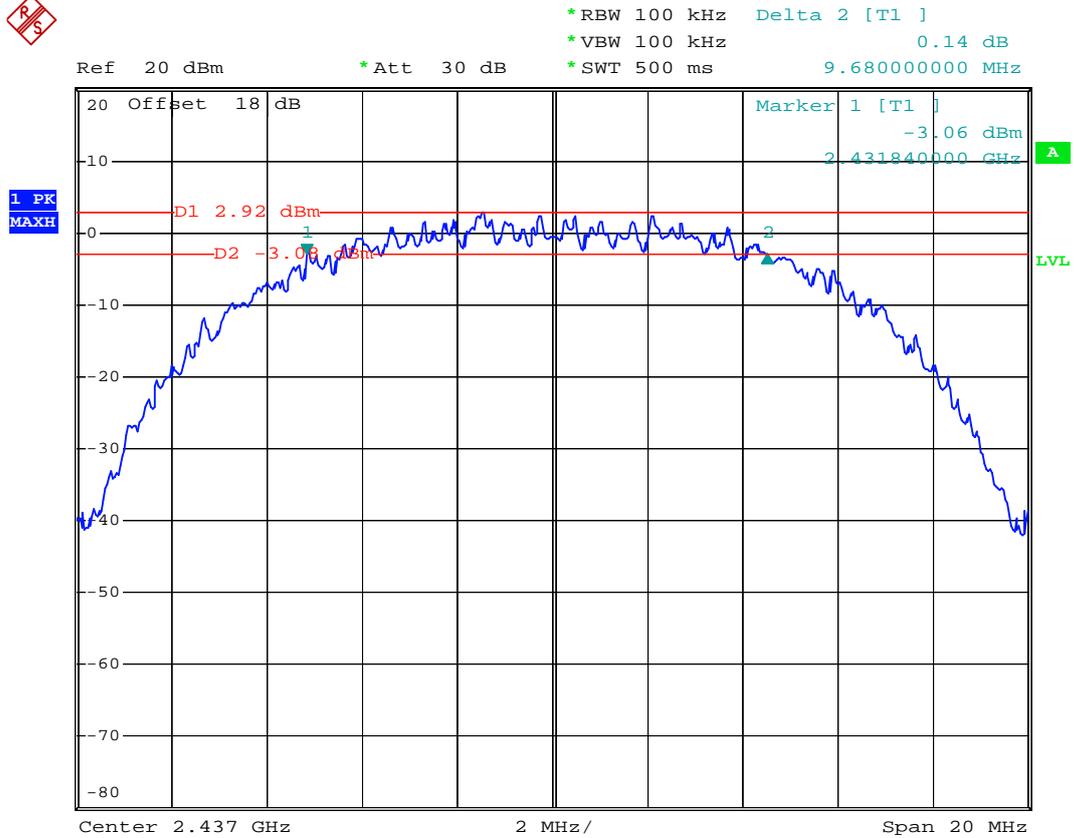
*RBW 100 kHz Delta 2 [T1]
 *VBW 100 kHz 0.02 dB
 *SWT 500 ms 9.68000000 MHz
 Ref 20 dBm *Att 30 dB



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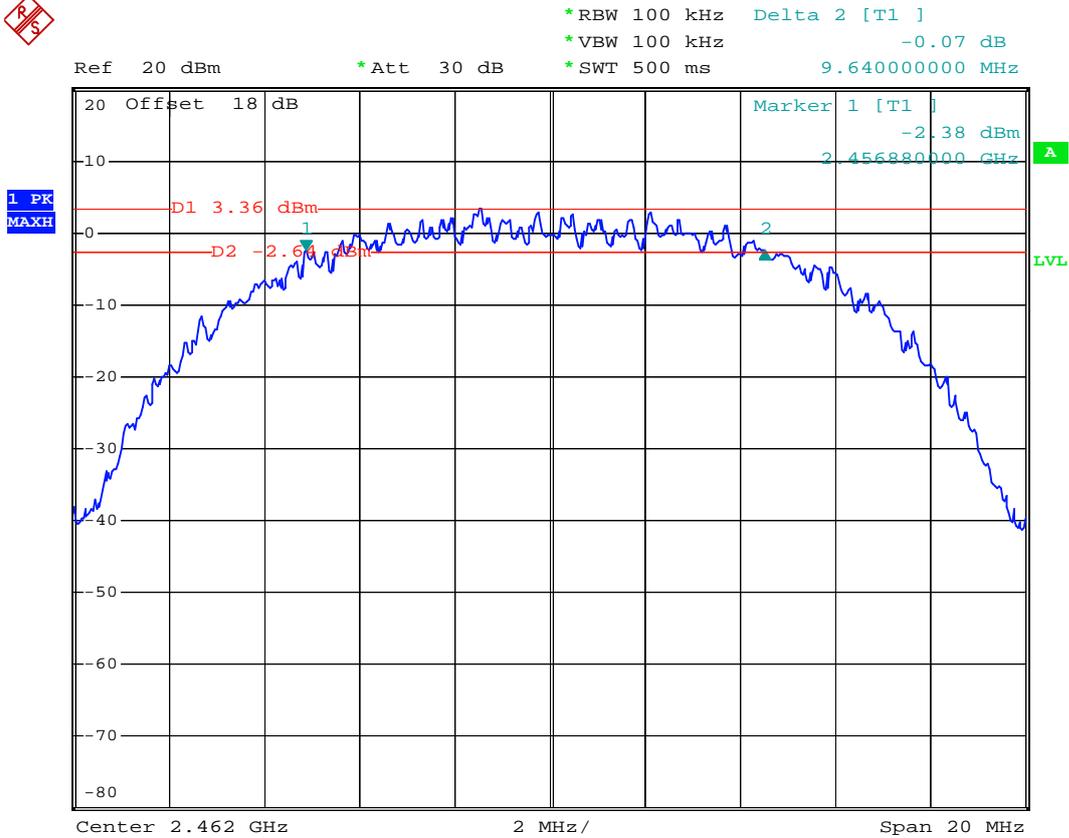
Mode 2



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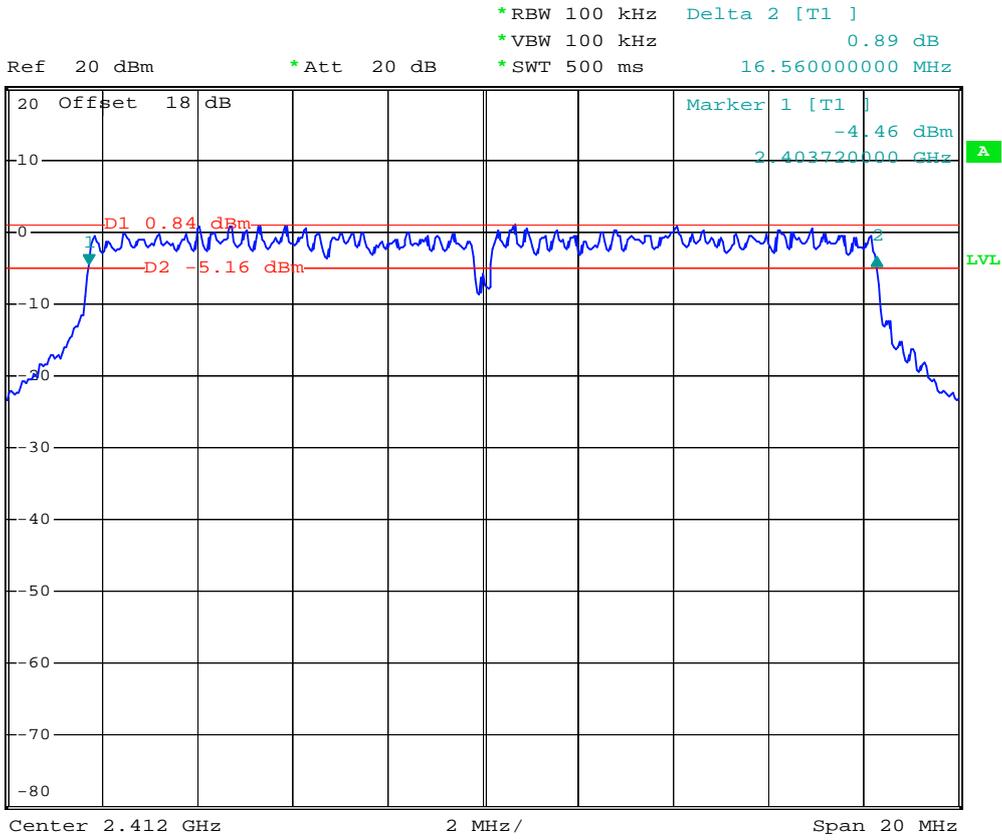
Mode 3



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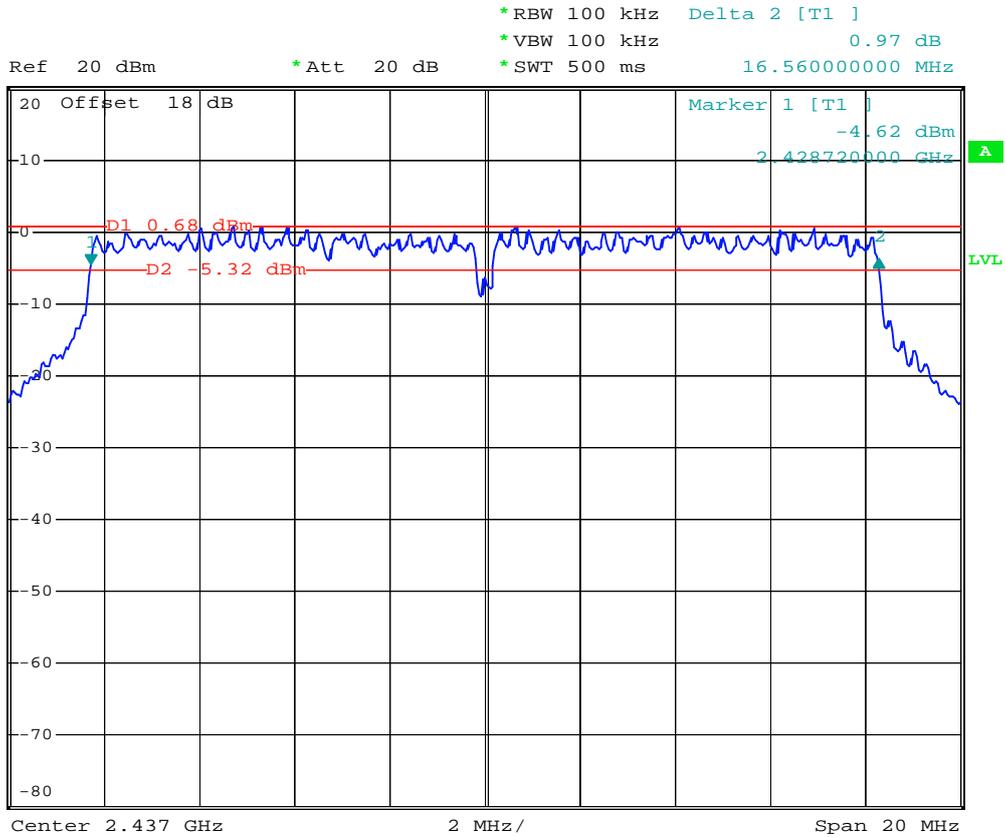
Mode 4



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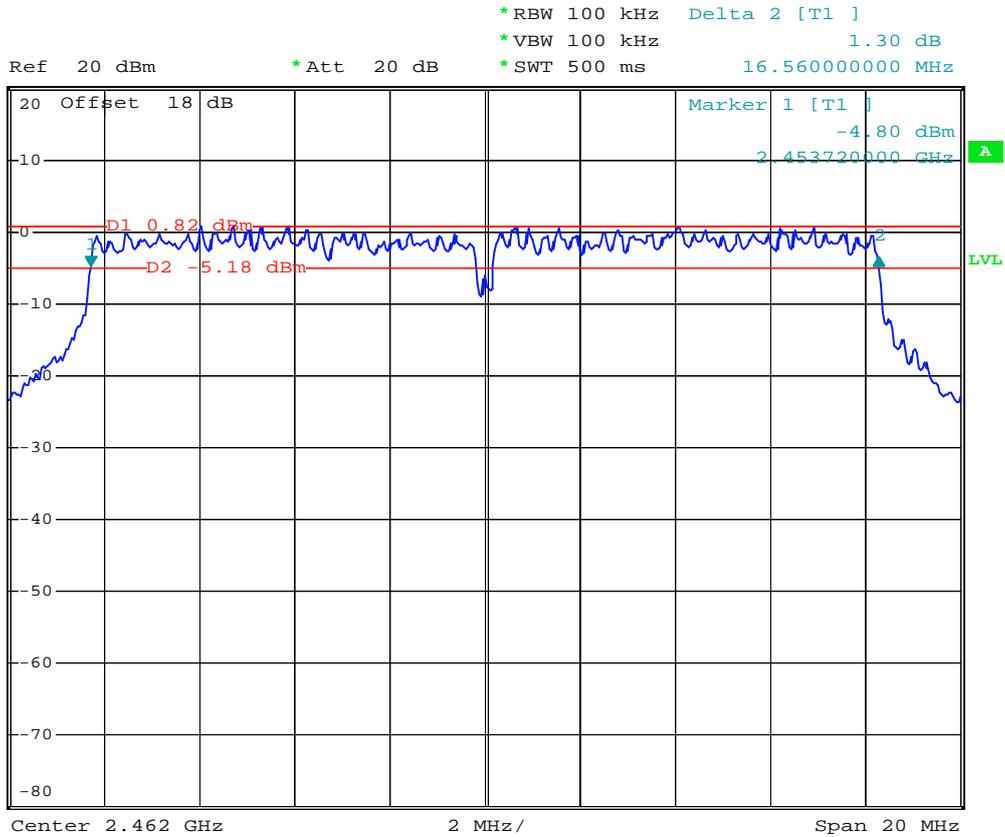
Mode 5



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Mode 6



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5.3 Power Spectral Density Measurement

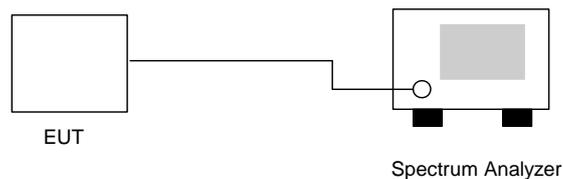
5.3.1 Measuring Instruments :

As described in chapter 6 of this test report.

5.3.2 Test Procedure :

1. The transmitter output was connected to spectrum analyzer directly.
2. The spectrum analyzer's resolution bandwidth was set at 3kHz RBW and 30kHz VBW as that of the fundamental frequency. Set the sweep time=span/3kHz.
3. The power spectral density was measured and recorded.
4. The sweep time is allowed to be longer than span/3kHz for a full response of the mixer in the spectrum analyzer.

5.3.3 Test Setup Layout :





5.3.4 Test Result :

- Application Type : 802.11b/g
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James

802.11b

Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)	Plot Ref. No.
01	2412	-11.87	8	Mode 1
06	2437	-11.60	8	Mode 2
11	2462	-10.97	8	Mode 3

802.11g

Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)	Plot Ref. No.
01	2412	-12.84	8	Mode 4
06	2437	-13.57	8	Mode 5
11	2462	-12.77	8	Mode 6



5.3.5 Power Spectral Density

Mode 1

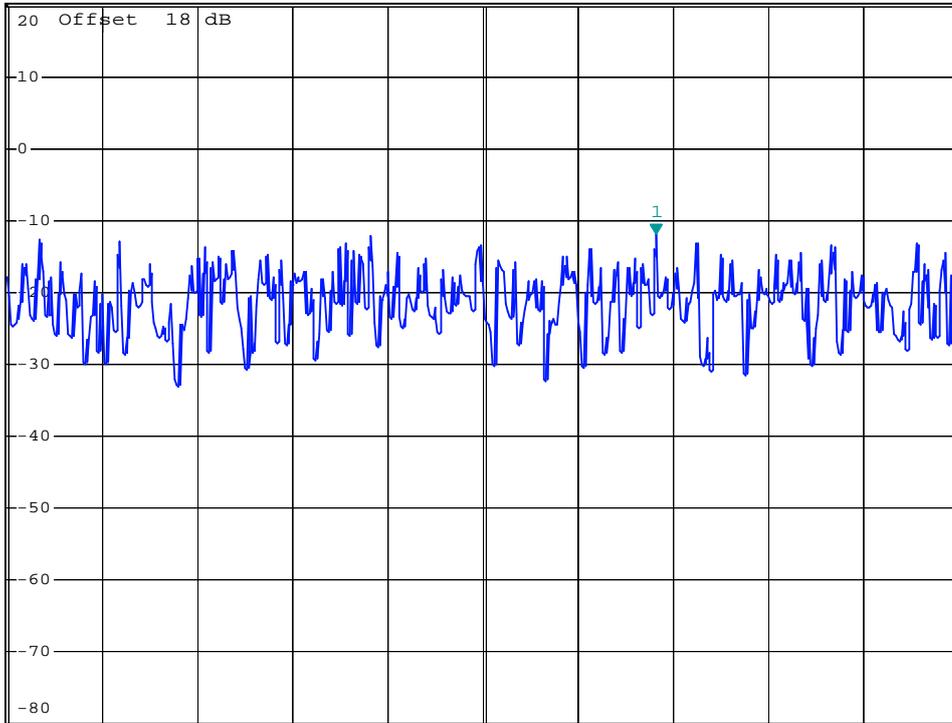


*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -11.87 dBm
*SWT 500 s 2.412273000 GHz

Ref 20 dBm

*Att 20 dB

1. PK
MAXH



Center 2.412 GHz 150 kHz/ Span 1.5 MHz

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Mode 2

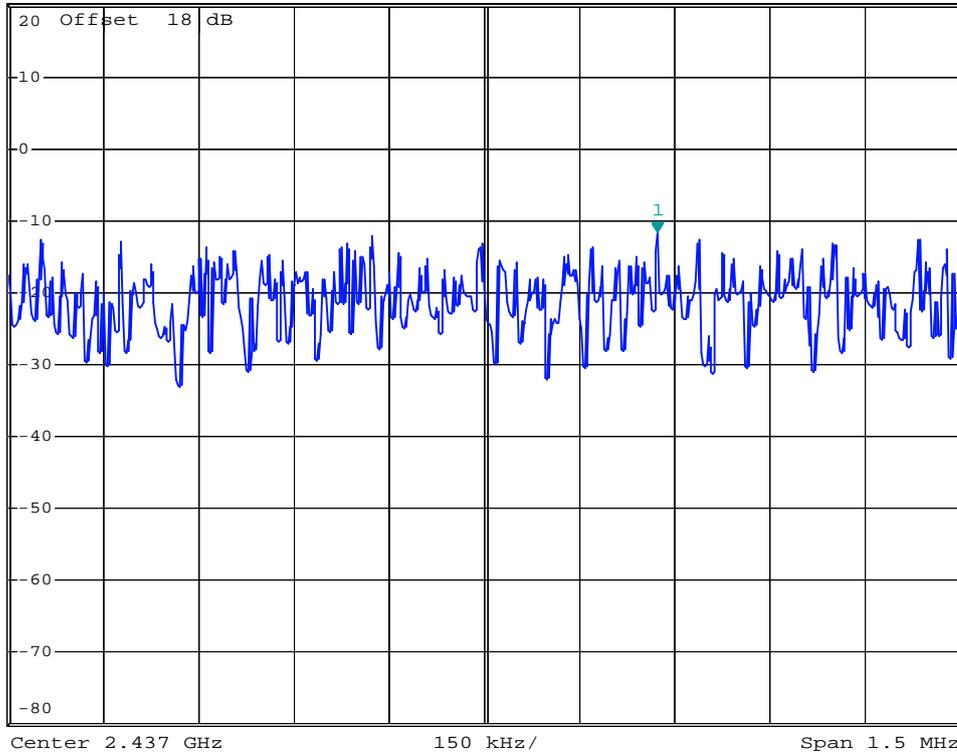


*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -11.60 dBm
*SWT 500 s 2.437273000 GHz

Ref 20 dBm

*Att 20 dB

1 PK
MAXH



Date: 25.JAN.2007 18:31:48



Mode 3

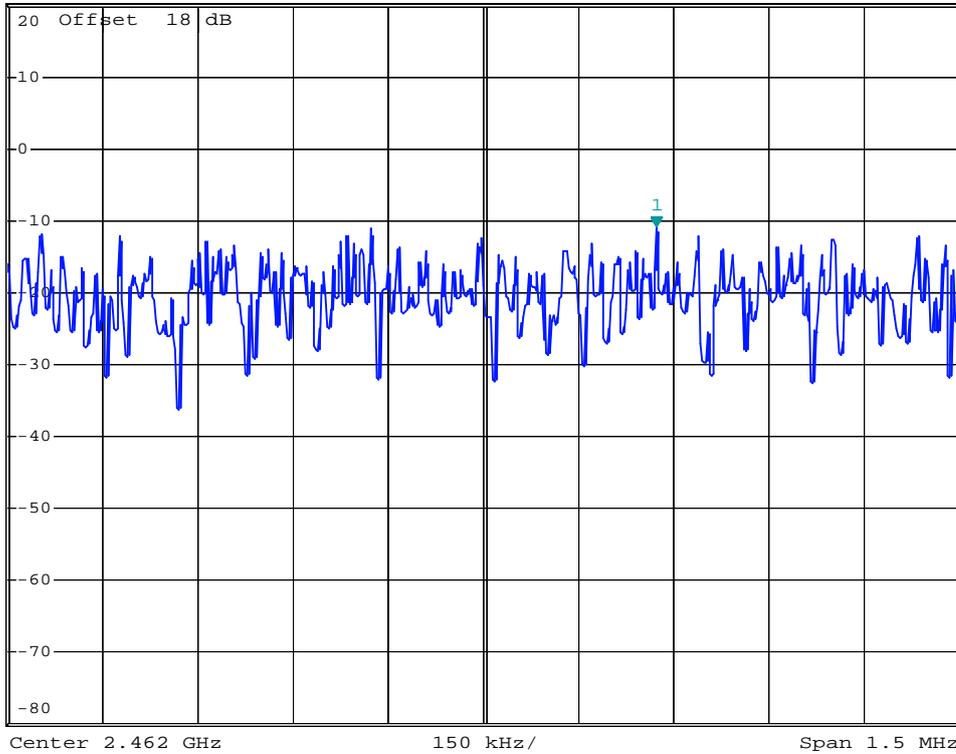


*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -10.97 dBm
*SWT 500 s 2.462273000 GHz

Ref 20 dBm

*Att 20 dB

1 PK
MAXH



Date: 25.JAN.2007 18:54:16



Mode 4

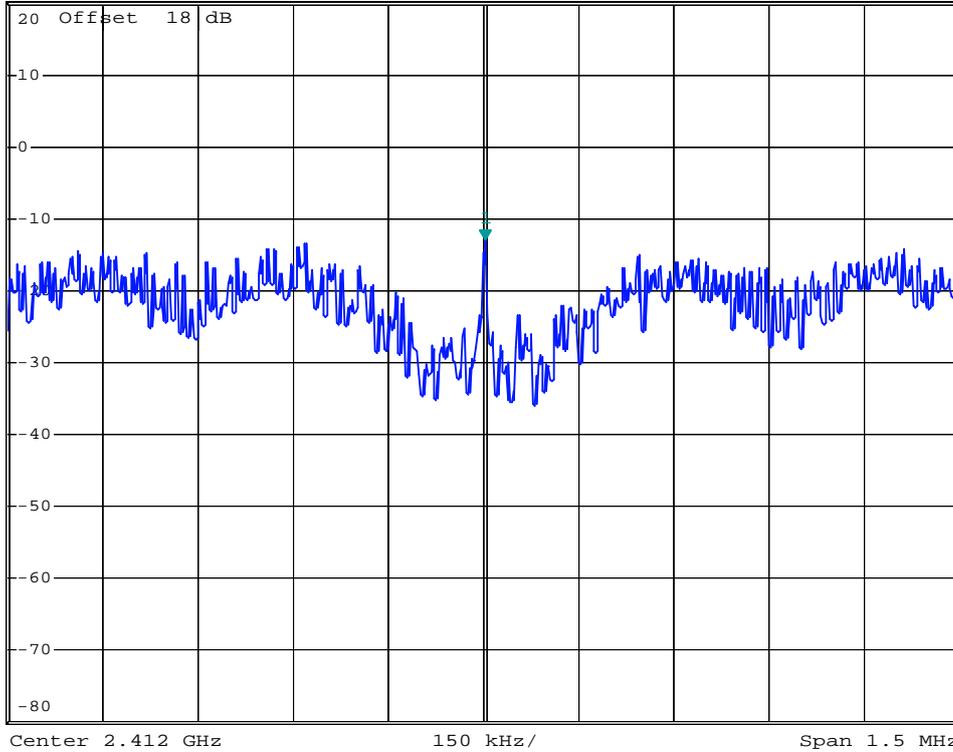


*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -12.84 dBm
*SWT 500 s 2.412003000 GHz

Ref 20 dBm

*Att 20 dB

1 PK
MAXH



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Mode 5

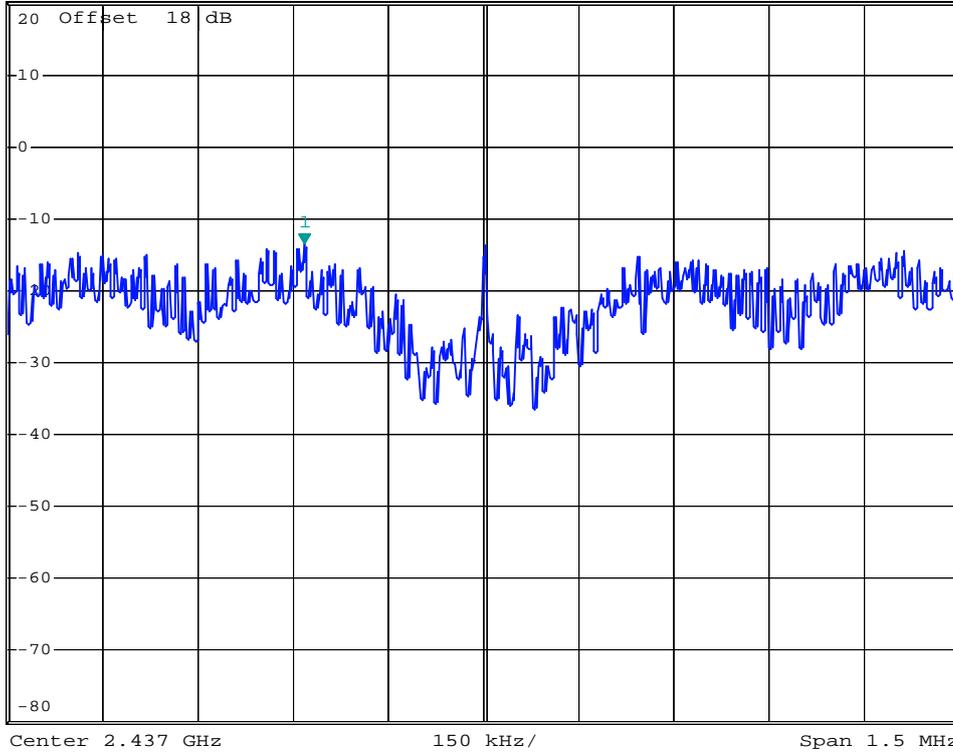


*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -13.57 dBm
*SWT 500 s 2.436718000 GHz

Ref 20 dBm

*Att 20 dB

1 PK
MAXH



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Mode 6

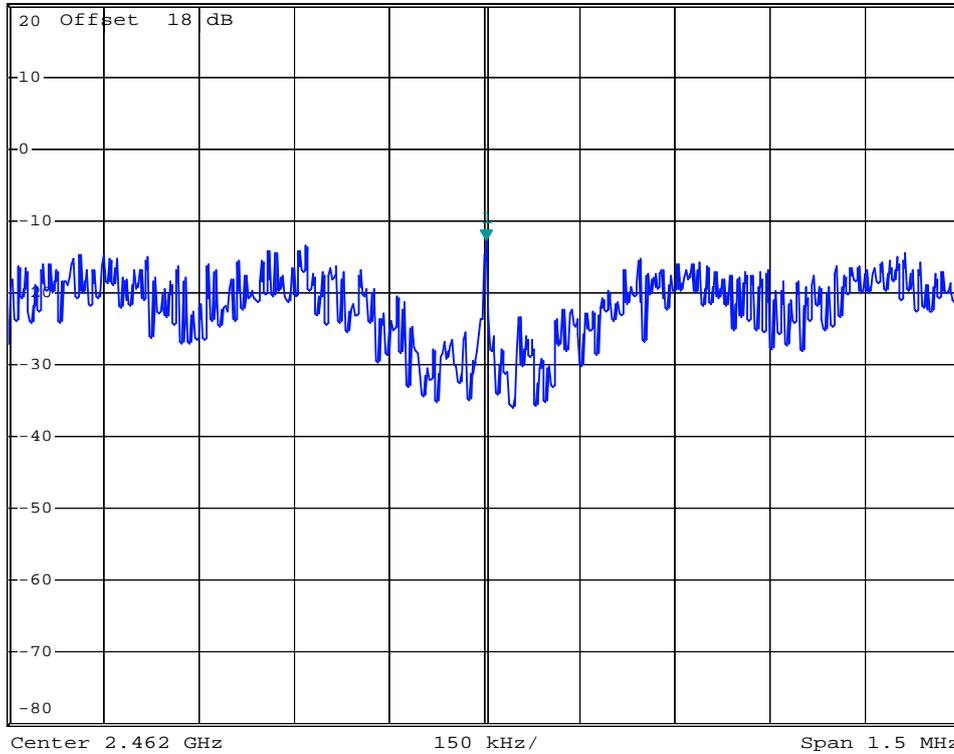


*RBW 3 kHz Marker 1 [T1]
*VBW 30 kHz -12.77 dBm
*SWT 500 s 2.462003000 GHz

Ref 20 dBm

*Att 20 dB

1 PK
MAXH



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5.4 Band Edges Measurement

5.4.1 Measuring Instruments :

As described in chapter 6 of this test report.

5.4.2 Test Procedure :

1. The transmitter output was connected to the spectrum analyzer via a low lose cable.
2. Set both RBW and VBW of spectrum analyzer to 1MHz with suitable frequency span including 100 kHz bandwidth from band edge.
3. The band edges was measured and recorded.

5.4.3 Test Result :

- Application Type : WLAN 802.11b/g and BT
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James

- Test Result in WLAN lower band (Channel 1) : PASS
- Test Result in WLAN higher band (Channel 11) : PASS
- Test Result in BT lower band (Channel 00) : PASS
- Test Result in BT higher band (Channel 78) : PASS

5.4.4 Note on Band Edge Emission :

➤WLAN 802.11b

CH01 (Horizontal)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2387.8	62.58	-11.42	74.00	64.01	30.26	3.75	35.44	100	0	Peak
2387.8	50.19	-3.81	54.00	51.62	30.25	3.75	35.44	100	209	Average

CH01 (Vertical)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2389.4	53.44	-20.56	74.00	54.87	30.26	3.75	35.44	100	0	Peak
2389.4	41.75	-12.25	54.00	43.18	30.26	3.75	35.44	100	91	Average

**CH11 (Horizontal)**

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.8	59.39	-14.61	74.00	60.75	30.29	3.86	35.51	100	0	Peak
2483.8	47.51	-6.49	54.00	48.87	30.29	3.86	35.51	100	204	Average

CH11 (Vertical)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	51.26	-22.74	74.00	52.62	30.29	3.86	35.51	100	0	Peak
2483.5	40.72	-13.28	54.00	42.08	30.29	3.86	35.51	100	258	Average

➤WLAN 802.11g**CH01 (Horizontal)**

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390.0	72.57	-1.43	74.00	74.02	30.26	3.75	35.46	100	0	Peak
2390.0	53.77	-0.23	54.00	55.22	30.26	3.75	35.46	100	329	Average

CH01 (Vertical)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390.0	62.58	-11.42	74.00	64.03	30.26	3.75	35.46	100	0	Peak
2390.0	45.33	-8.67	54.00	46.78	30.26	3.75	35.46	100	190	Average

CH11 (Horizontal)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2484.0	71.73	-2.27	74.00	73.09	30.29	3.86	35.51	100	0	Peak
2484.0	49.26	-4.74	54.00	50.62	30.29	3.86	35.51	100	28	Average



CH11 (Vertical)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	65.74	-8.26	74.00	67.10	30.29	3.86	35.51	100	0	Peak
2483.5	46.24	-7.76	54.00	47.68	30.25	3.75	35.44	104	47	Average

➤BT

CH00 (Horizontal)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390.0	53.31	-20.69	74.00	54.76	30.26	3.75	35.46	100	0	Peak
2390.0	38.25	-15.75	54.00	39.70	30.26	3.75	35.46	100	208	Average

CH00 (Vertical)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2387.0	49.60	-24.40	74.00	51.05	30.26	3.75	35.46	100	0	Peak
2387.0	38.24	-15.76	54.00	39.67	30.26	3.75	35.44	121	324	Average

CH78 (Horizontal)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.70	45.12	-8.88	54.00	46.48	30.29	3.86	35.51	100	37	Average
2483.70	57.16	-16.84	74.00	58.52	30.29	3.86	35.51	100	0	Peak

CH78 (Vertical)

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Abtebba Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	61.44	-12.56	74.00	62.80	30.29	3.86	35.51	100	0	Peak
2483.5	46.10	-7.90	54.00	47.46	30.29	3.86	35.51	100	204	Average



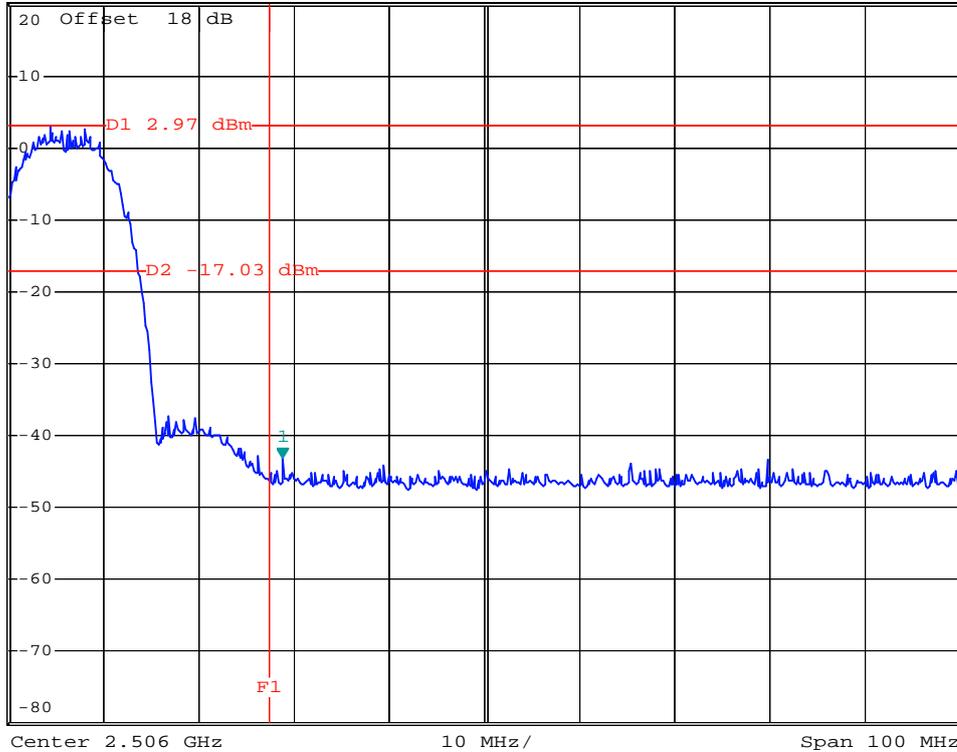
CH11



*RBW 100 kHz Marker 1 [T1]
*VBW 100 kHz -43.24 dBm
*SWT 500 ms 2.484800000 GHz

Ref 20 dBm

*Att 20 dB



Date: 25.JAN.2007 17:49:38

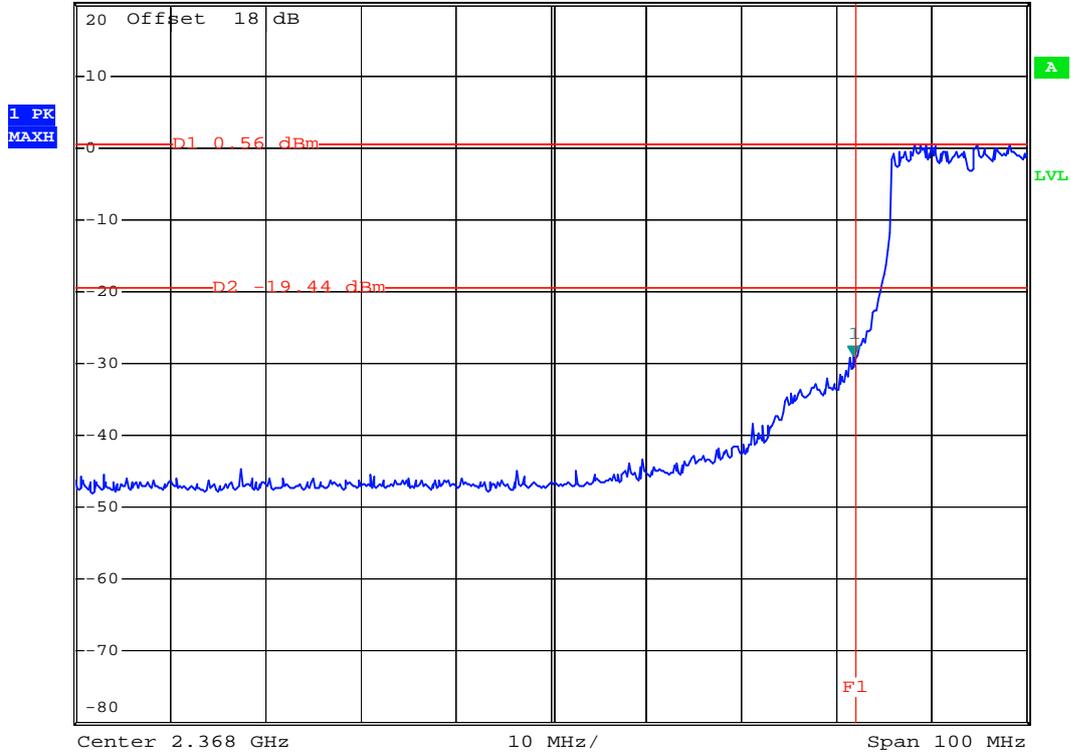


WLAN 802.11g

CH01



Ref 20 dBm *Att 20 dB *RBW 100 kHz Marker 1 [T1] -29.06 dBm
*VBW 100 kHz *SWT 500 ms 2.399800000 GHz



Date: 19.JAN.2007 02:33:23



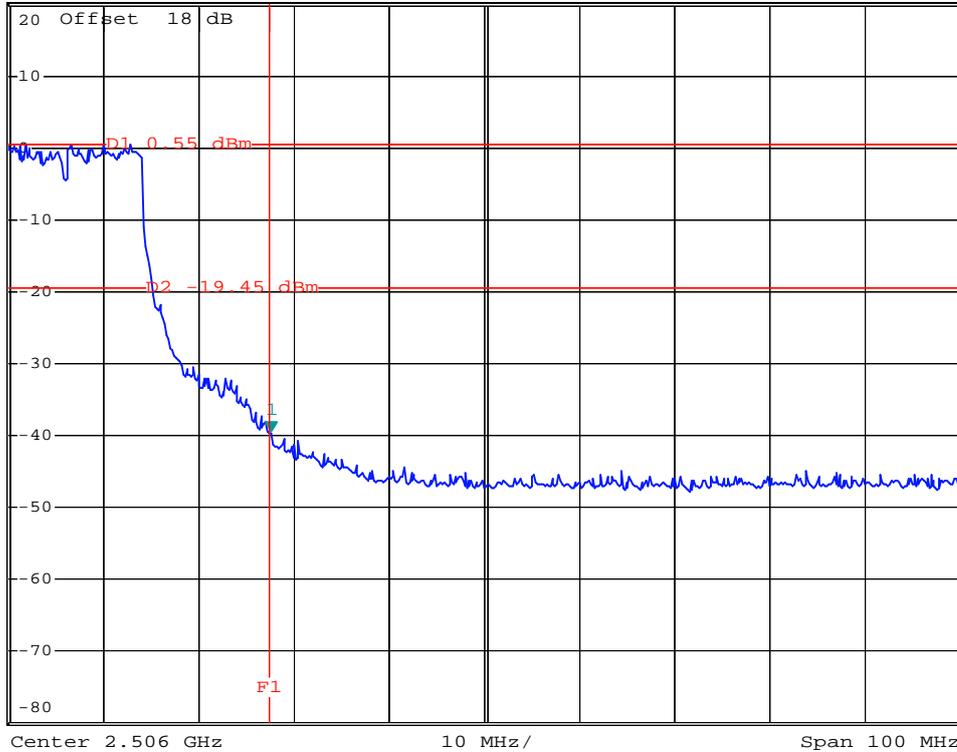
CH11



*RBW 100 kHz Marker 1 [T1]
*VBW 100 kHz -39.35 dBm
*SWT 500 ms 2.48360000 GHz

Ref 20 dBm

*Att 20 dB

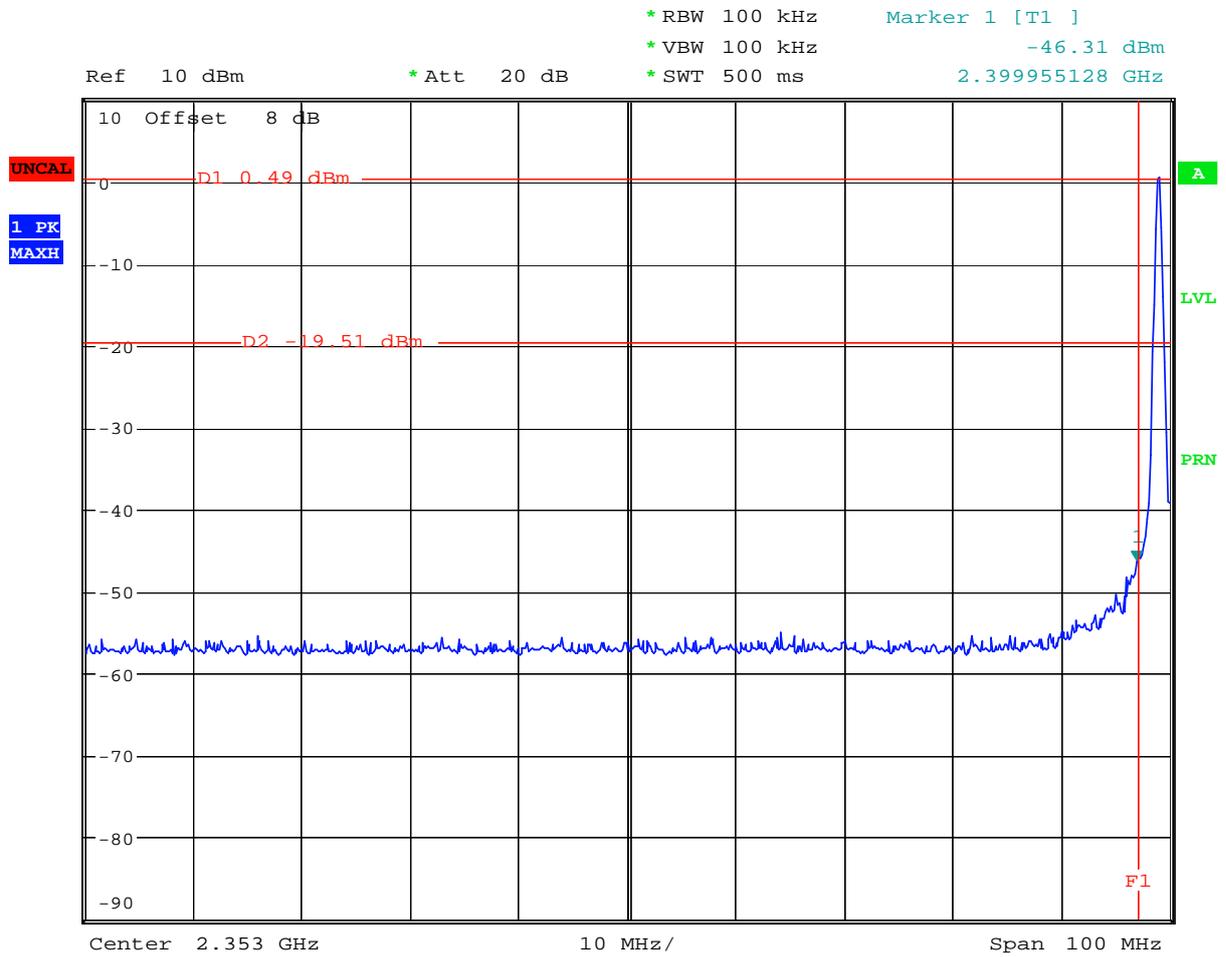


Date: 19.JAN.2007 02:31:10



Bluetooth

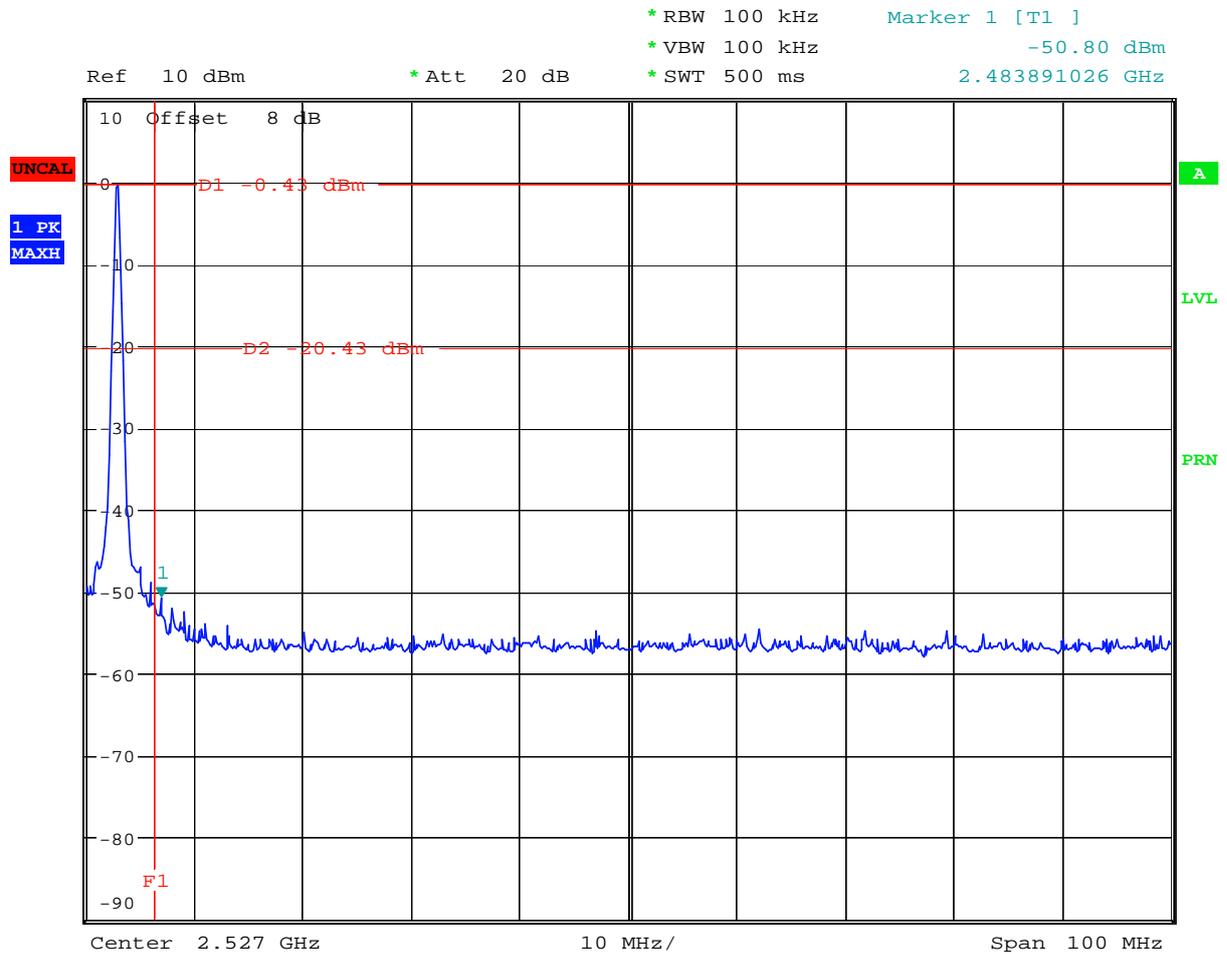
CH00



Date: 13.FEB.2006 19:46:05



CH78



Date: 13.FEB.2006 19:49:30

5.5 Hopping Channel Separation

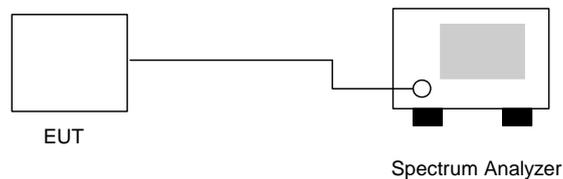
5.5.1 Measuring Instruments :

As described in chapter 9 of this test report.

5.5.2 Test Procedure :

1. The output of EUT was connected to the spectrum analyzer by a low loss cable..
2. Set RBW of spectrum analyzer to 100kHz and VBW to 100kHz.
3. The Hopping Channel Separation is defined as the channel is separated with the next channel.

5.5.3 Test Setup Layout :



5.5.4 Test Result : The spectrum analyzer plots are attached as below

- Application Type : BT
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James

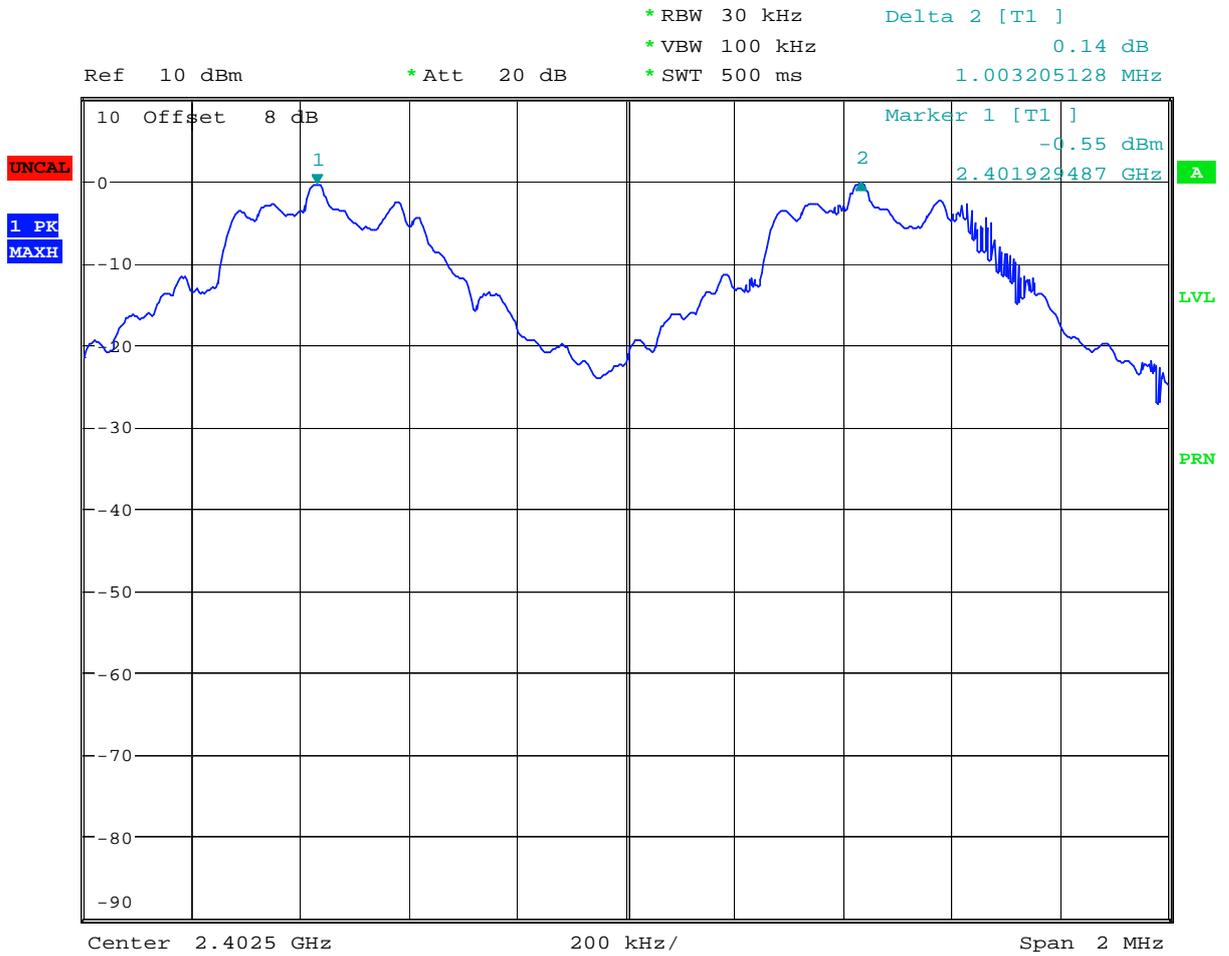
Channel	Carrier Frequency		Limits (MHz)	Plot Ref. No.
	Frequency (MHz)	Separation (MHz)		
00	2402	1.003	0.878	Mode 7
39	2441	1.000	0.878	Mode 8
78	2480	0.997	0.883	Mode 9

Note: Limits =25kHz or the 20dB bandwidth of the hopping channel, which ever is greater



5.5.5 Hopping Channel Separation

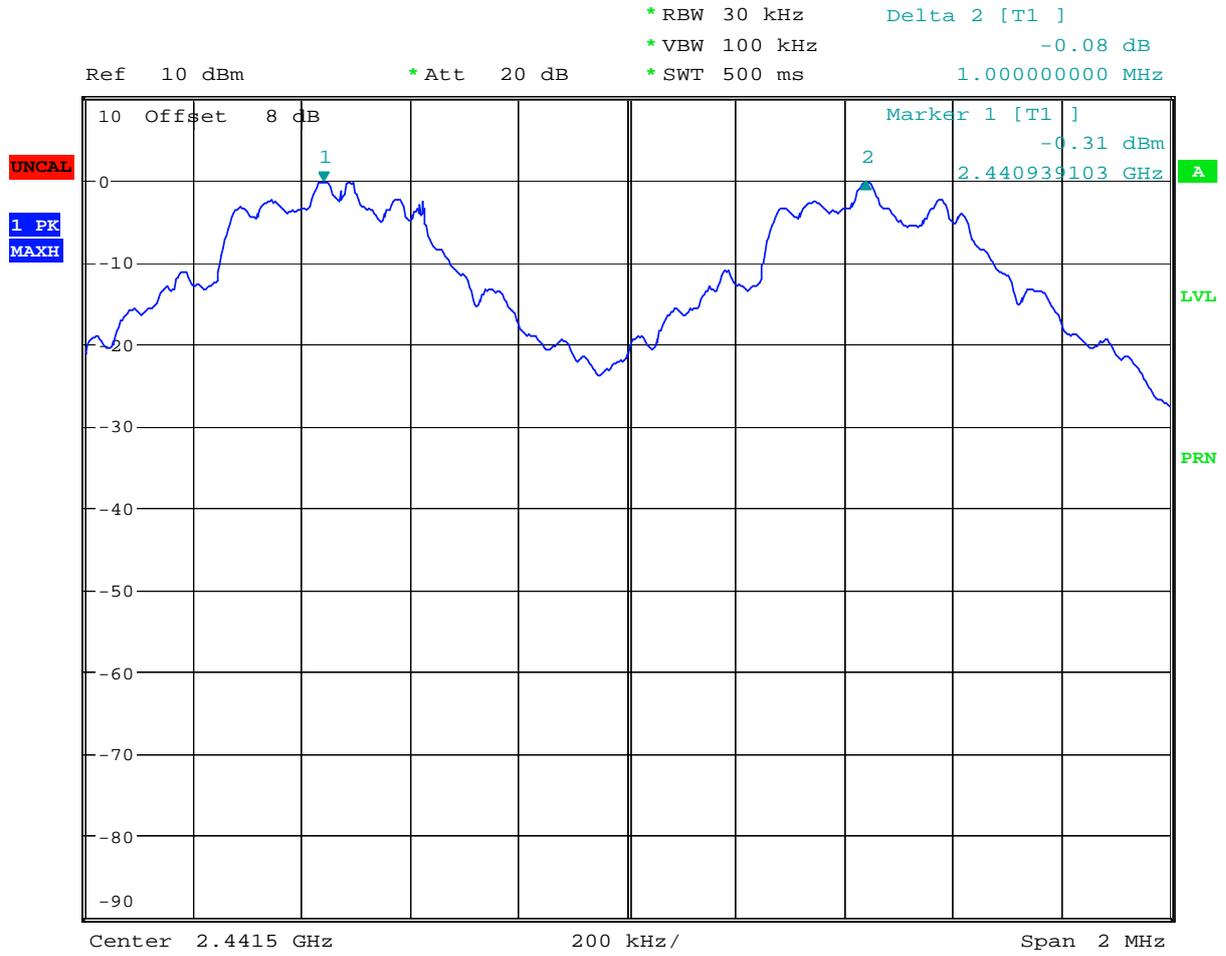
Mode 7



Date: 13.FEB.2006 20:04:43



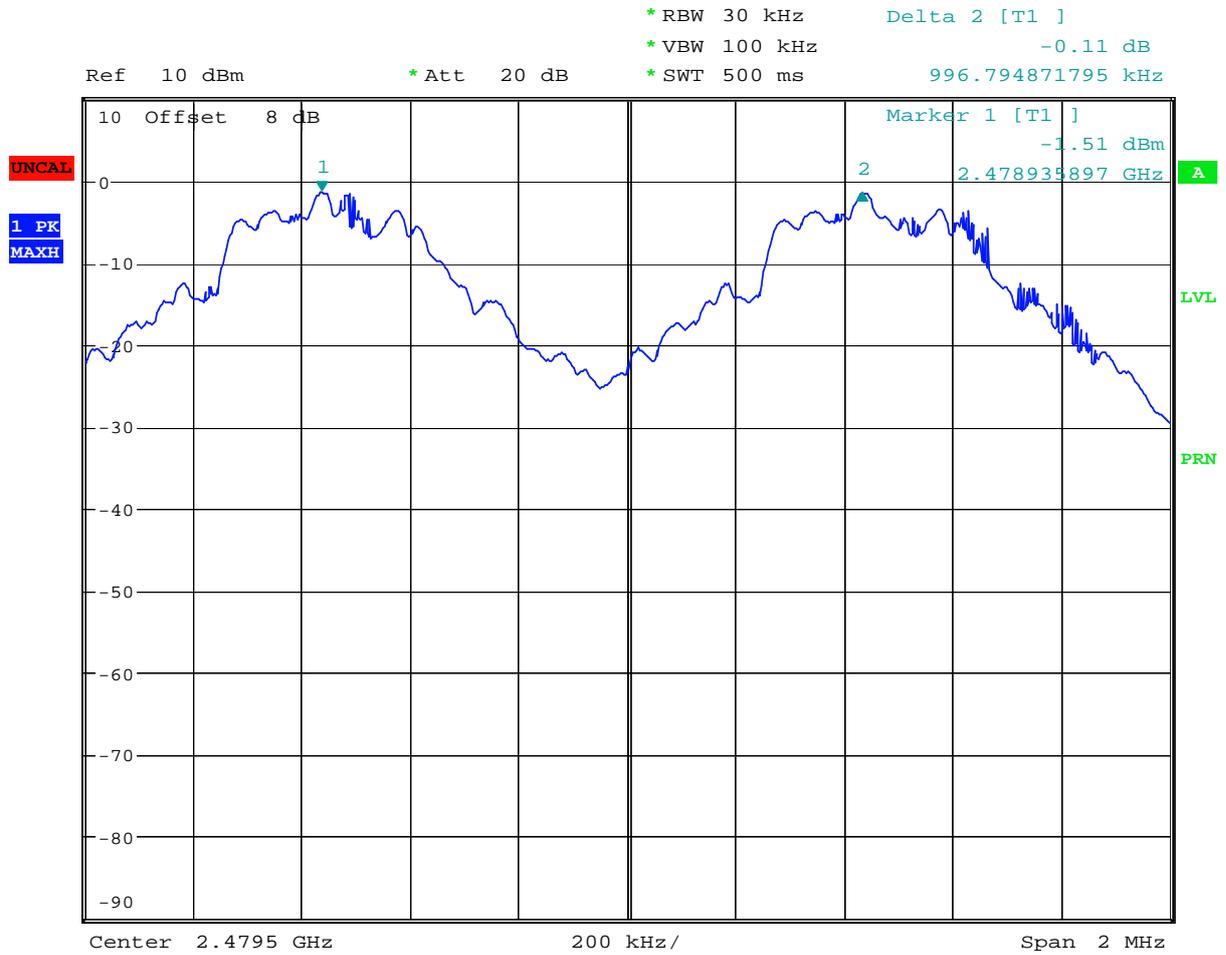
Mode 8



Date: 13.FEB.2006 20:05:34



Mode 9



Date: 13.FEB.2006 20:07:09

5.6 Number of Hopping Frequency

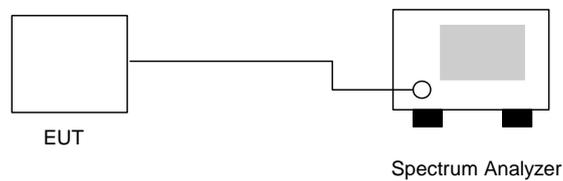
5.6.1 Measuring Instruments :

As described in chapter 9 of this test report.

5.6.2 Test Procedure :

1. The output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Set RBW of spectrum analyzer to 100kHz and VBW to 100kHz.
3. The number of hopping frequency used is defined as the device has the numbers of total channel.

5.6.3 Test Setup Layout :



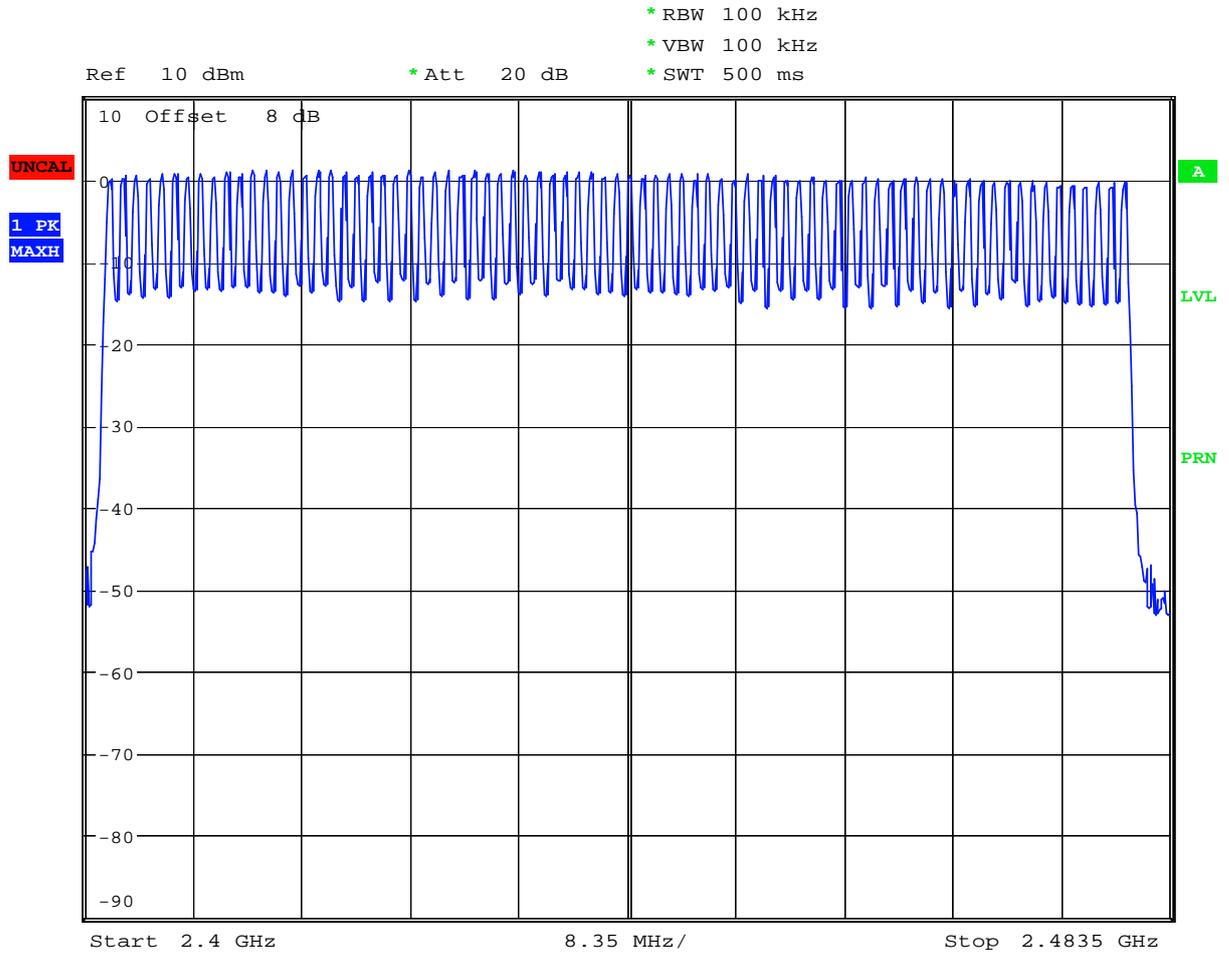
5.6.4 Test Result : See spectrum analyzer plots below

- Application Type : BT
- Temperature : 26°C
- Relative Humidity : 59%
- Test Engineer : James

Number of Hopping Frequency (Channel)	Limits (Channel)
79	15



5.6.5 Number of Hopping Frequency



Date: 13.FEB.2006 20:59:46

5.7 Hopping Channel Bandwidth

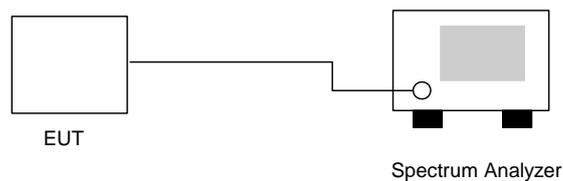
5.7.1 Measuring Instruments :

As described in chapter 9 of this test report.

5.7.2 Test Procedure :

1. The transmitter output was connected to the spectrum analyzer by a low loss cable.
2. Set RBW of spectrum analyzer to 30kHz and VBW to 300kHz.
3. The Hopping Channel bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20 dB.

5.7.3 Test Setup Layout :



5.7.4 Test Result : See spectrum analyzer plots below

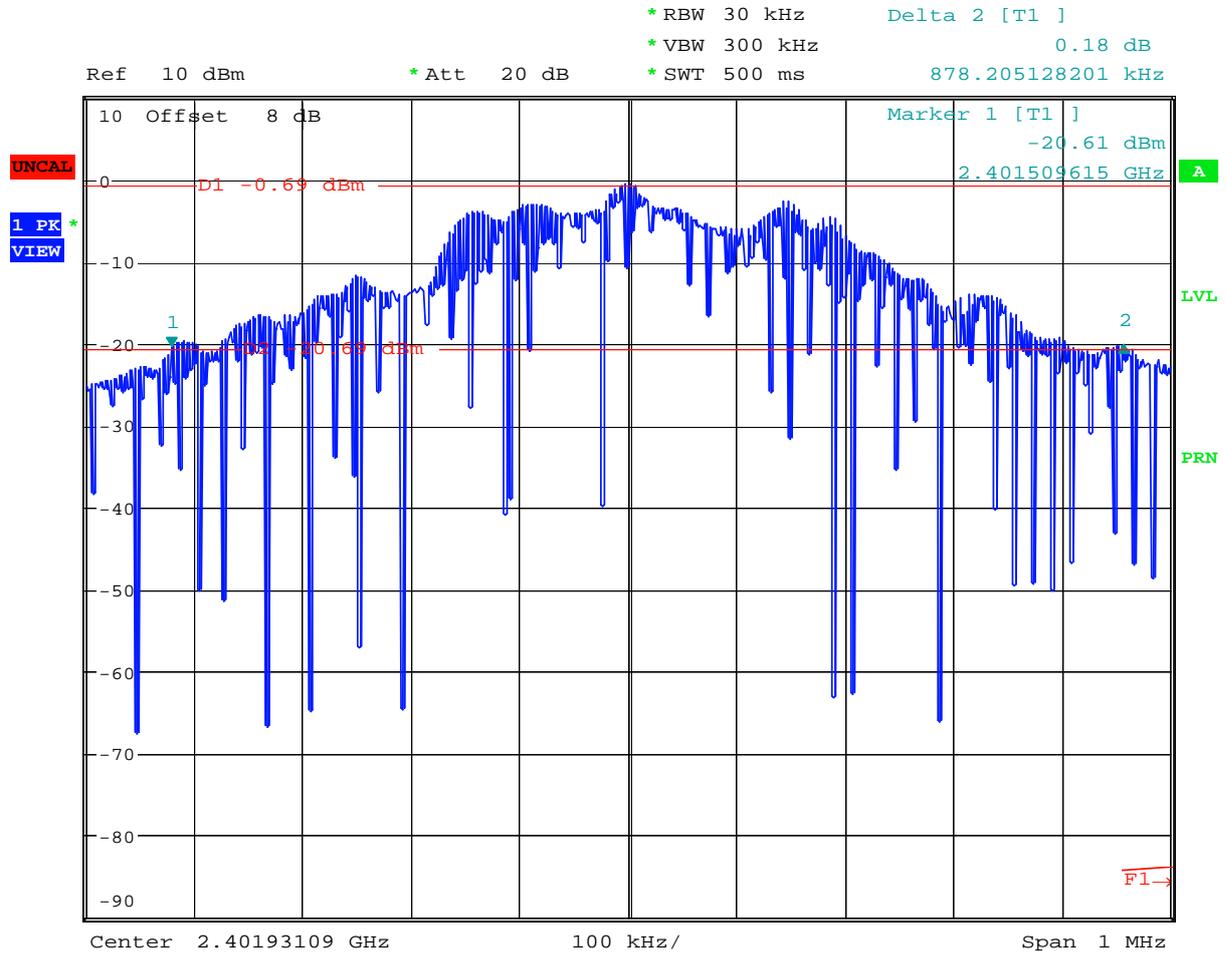
- Application Type : BT
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James

Channel	Frequency (MHz)	Hopping Channel Bandwidth (MHz)	Limits (MHz)	Plot Ref. No.
00	2402	0.878	1.000	Mode 7
39	2441	0.878	1.000	Mode 8
78	2480	0.883	1.000	Mode 9



5.7.5 Hopping Channel Bandwidth

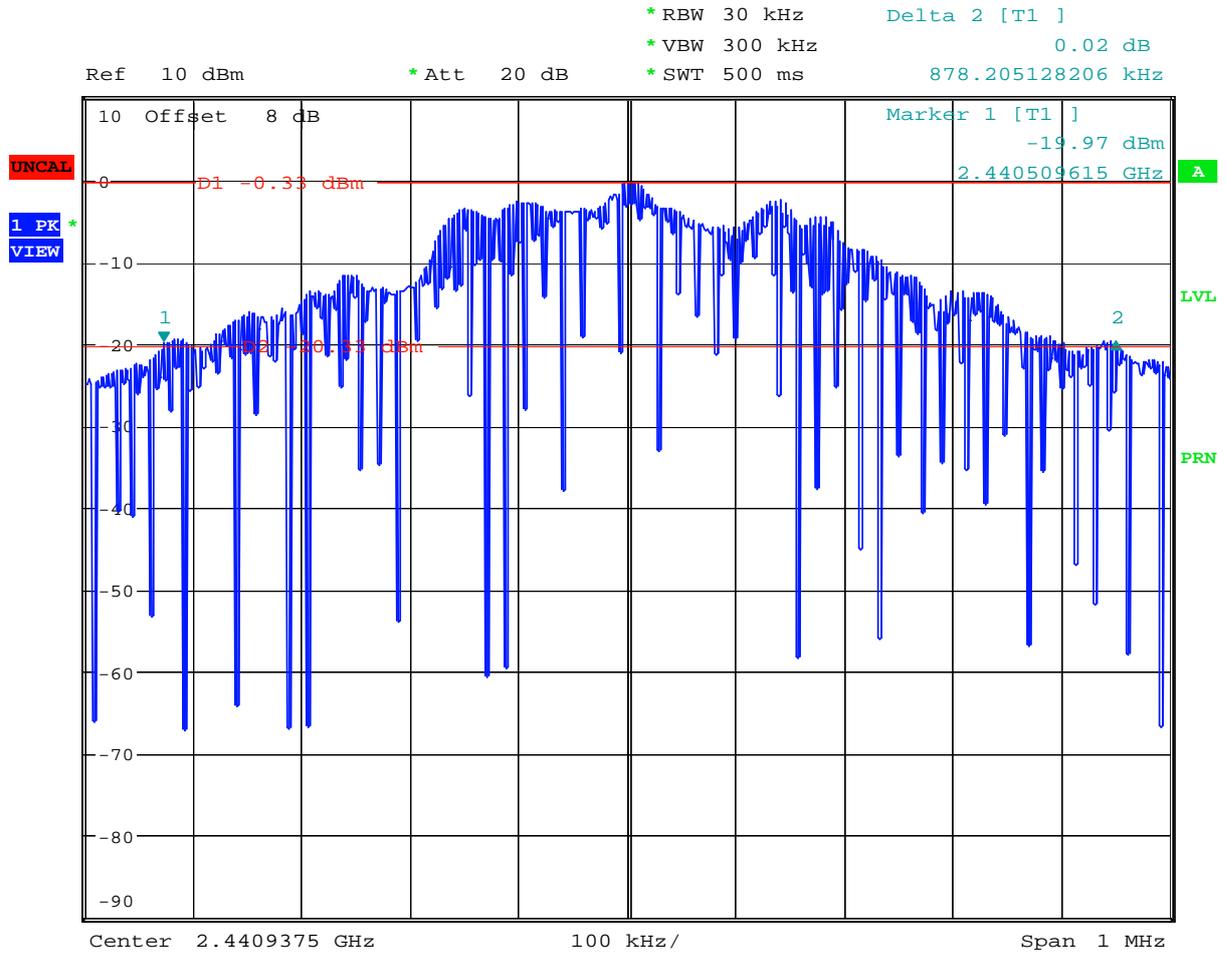
Mode 7



Date: 13.FEB.2006 19:57:09



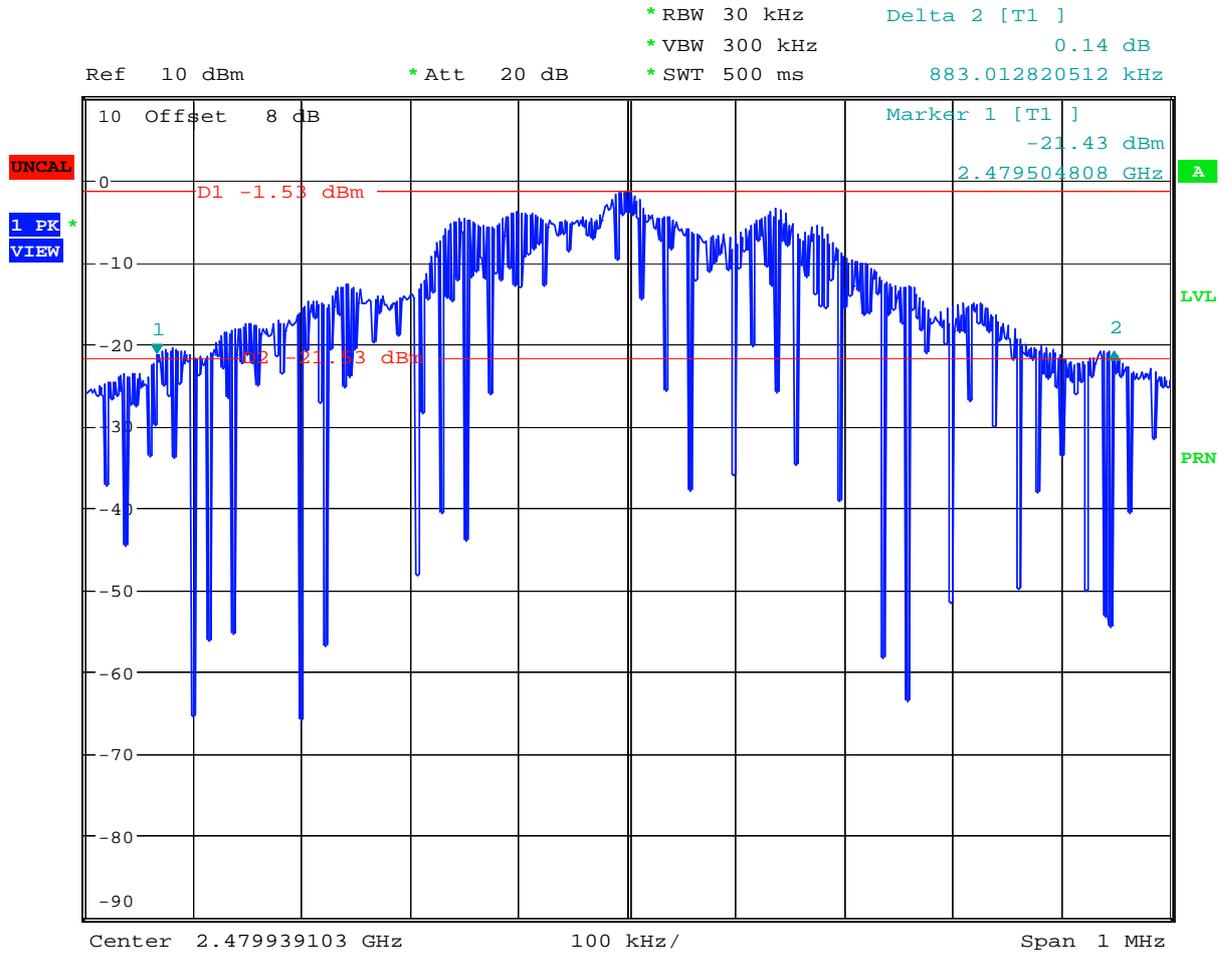
Mode 8



Date: 13.FEB.2006 19:37:41



Mode 9



Date: 13.FEB.2006 19:41:47

5.8 Dwell Time of Each Frequency

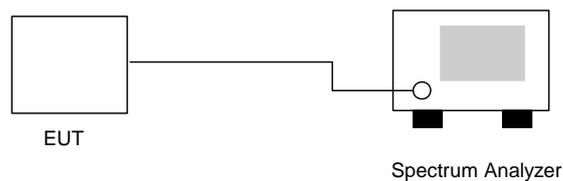
5.8.1 Measuring Instruments :

As described in chapter 9 of this test report.

5.8.2 Test Procedure :

1. The transmitter output was connected to the spectrum analyzer by a low loss cable.
2. Set RBW of spectrum analyzer to 1MHz and VBW to 1MHz.
3. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
4. The calculate $= 79 * 0.4 * (1600/79) * t$ (t = the time duration of one single pulse)

5.8.3 Test Setup Layout :



5.8.4 Test Result : See spectrum analyzer plots below

- Application Type : BT
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James

Ch00

Package Mode	Average Hopping Channel	Package Transfer Time (us)	Dwell Time (s)	Limit (s)
DH1	9.1	439.1	0.126	0.4
DH3	5.5	1706.7	0.297	0.4
DH5	3.2	2964.7	0.300	0.4



CH39

Package Mode	Average Hopping Channel	Package Transfer Time (us)	Dwell Time (s)	Limit (s)
DH1	9.2	442.3	0.129	0.4
DH3	4.9	1706.7	0.264	0.4
DH5	3.2	2964.7	0.300	0.4

CH78

Package Mode	Average Hopping Channel	Package Transfer Time (us)	Dwell Time (s)	Limit (s)
DH1	9	442.3	0.126	0.4
DH3	5	1706.7	0.270	0.4
DH5	2.9	2980.8	0.273	0.4

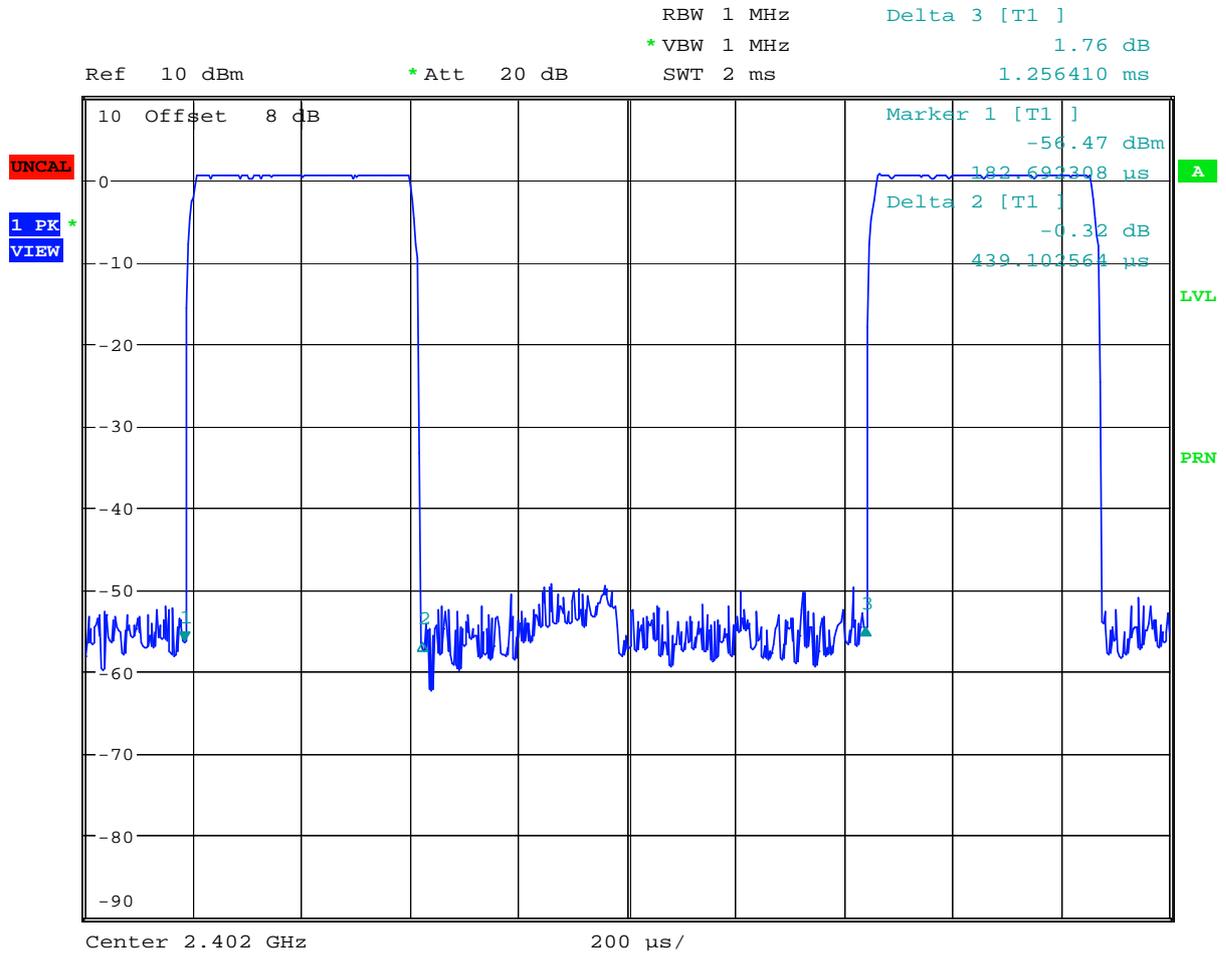
Remark:

1. Dwell Time=79(channels) x 0.4(s) x average hopping channel x package transfer time
2. 79channels come from the Hopping Channel number.
3. Average Hopping Channel = hops/sweep time
4. t: Package Transfer Time(us)

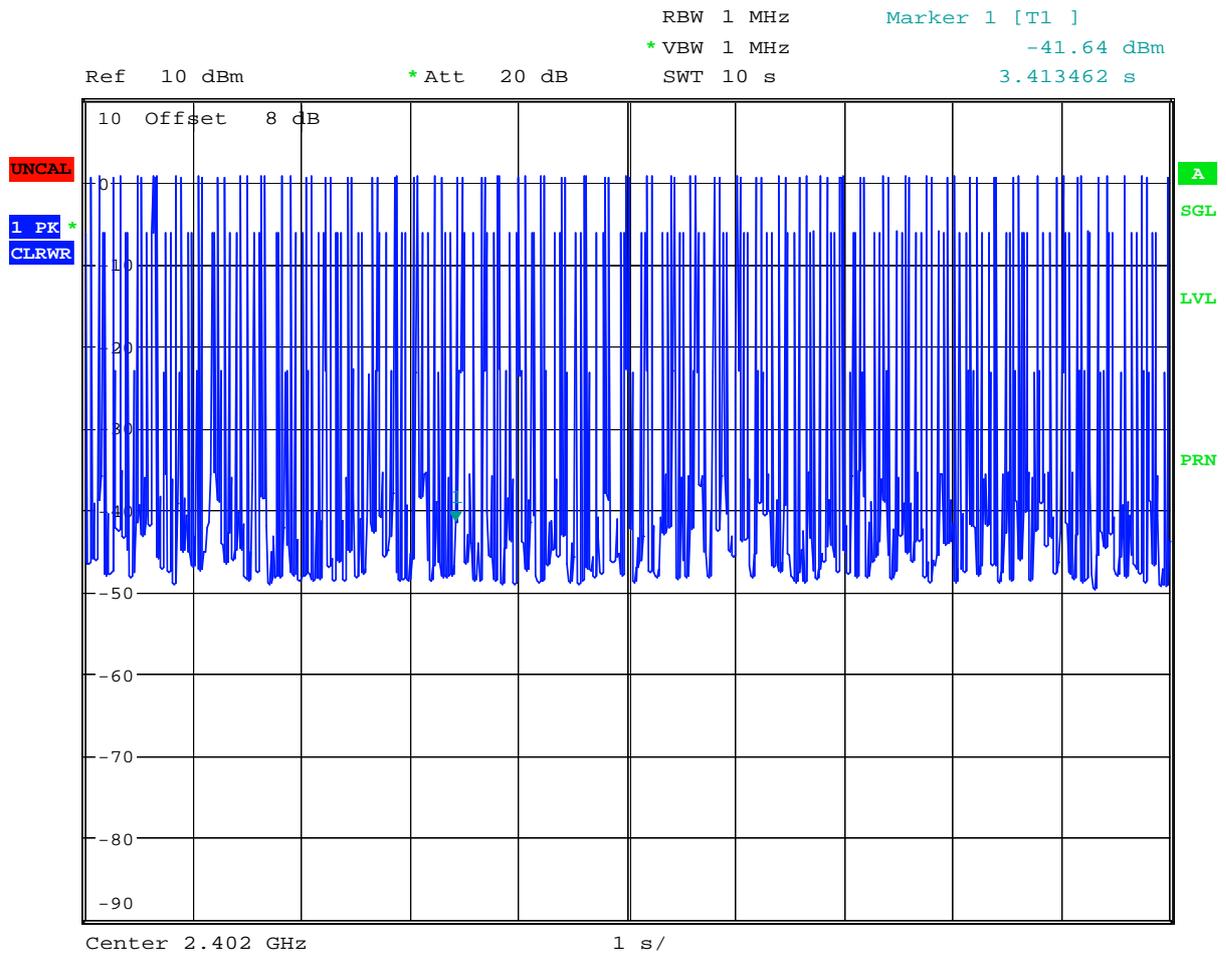


5.8.5 Dwell Time

DH1 (CH00)



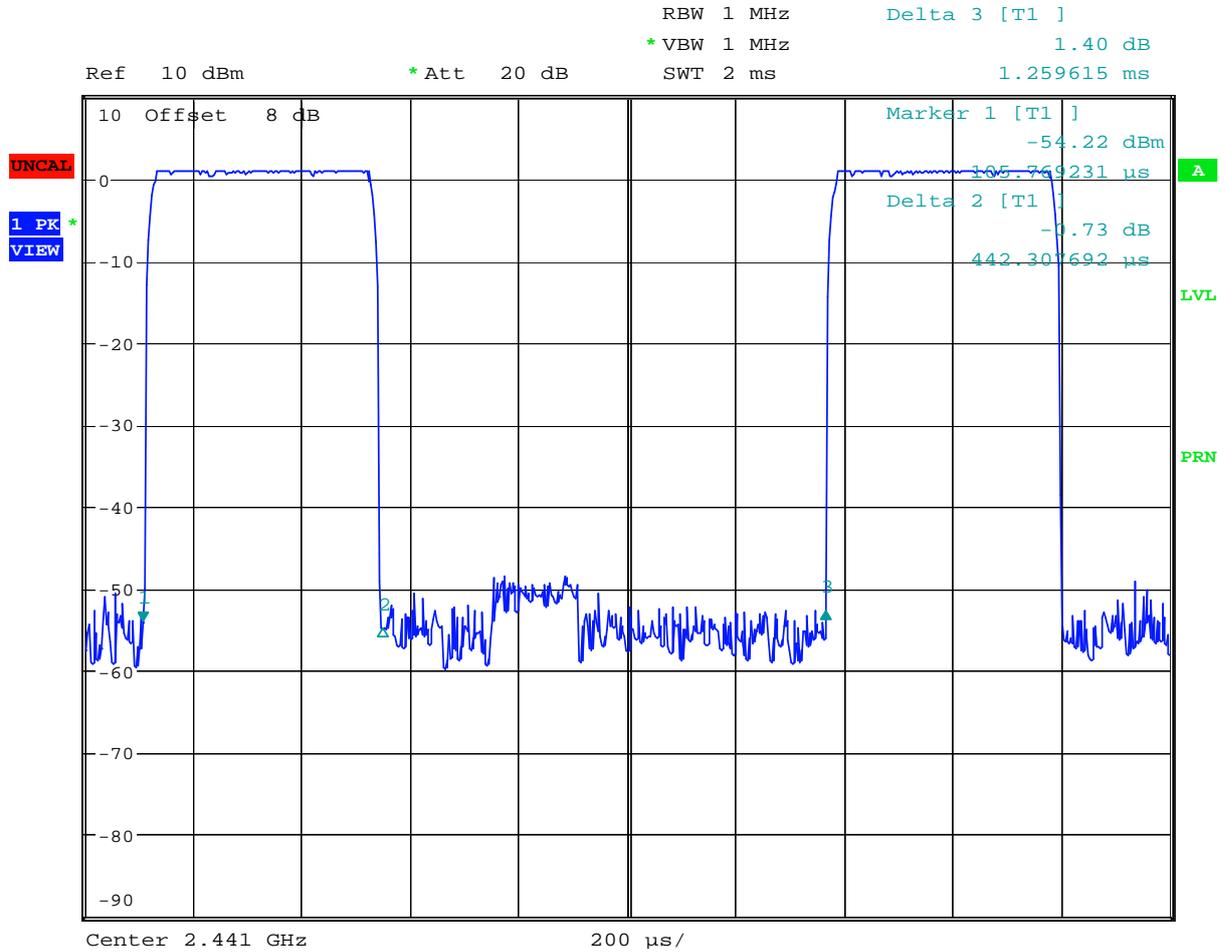
Date: 13.FEB.2006 20:11:32



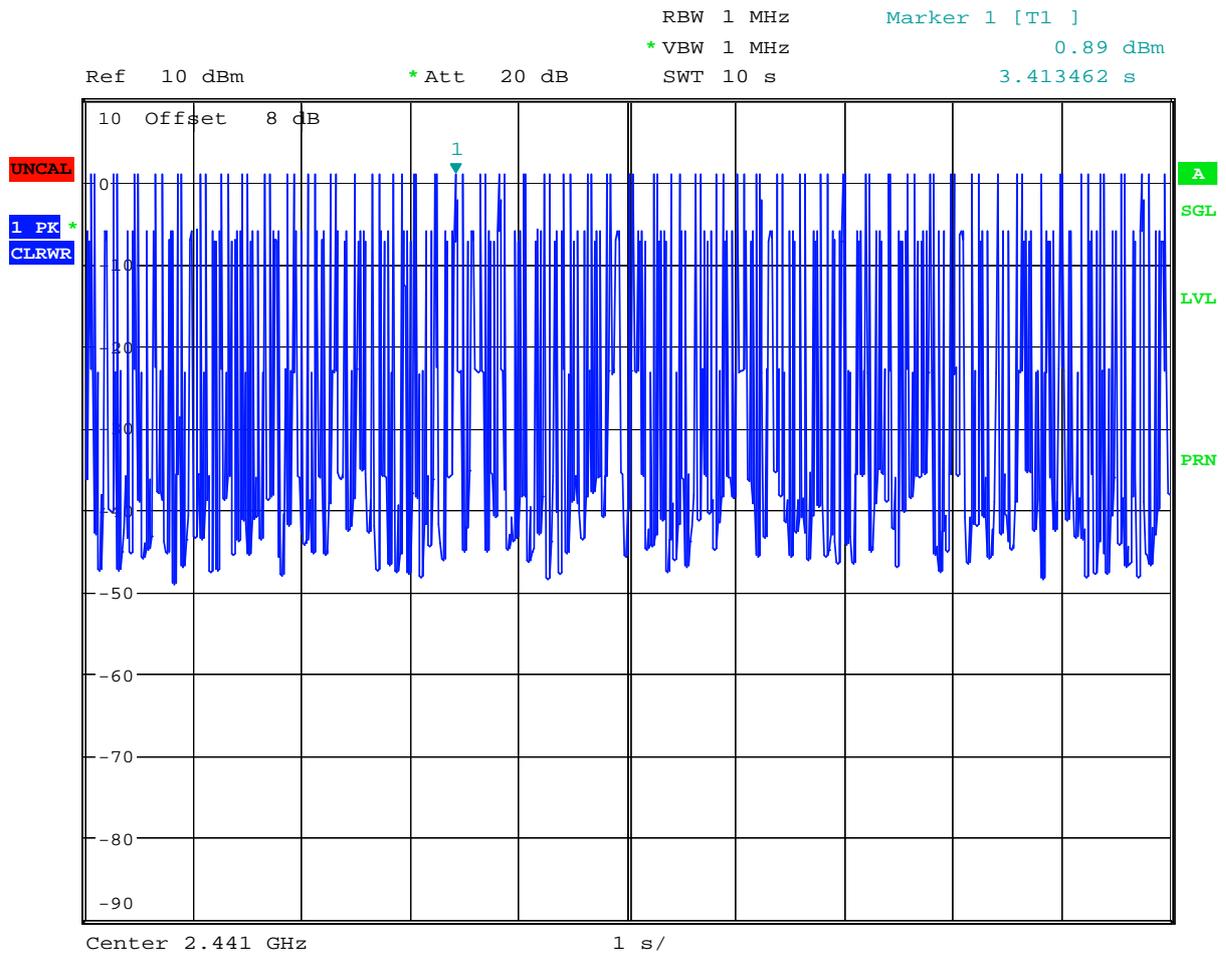
Date: 13.FEB.2006 20:23:04



DH1 (CH39)



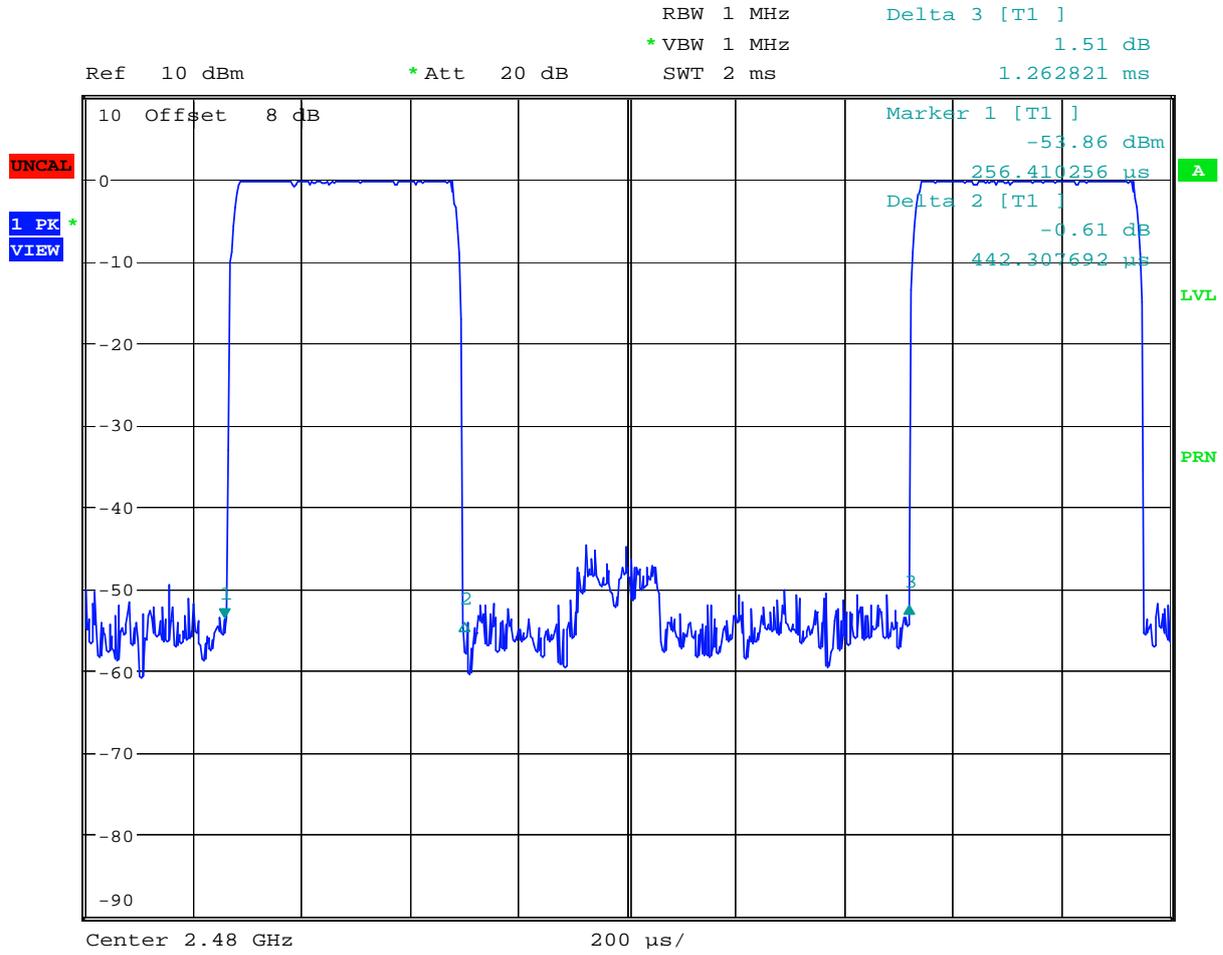
Date: 13.FEB.2006 20:17:30



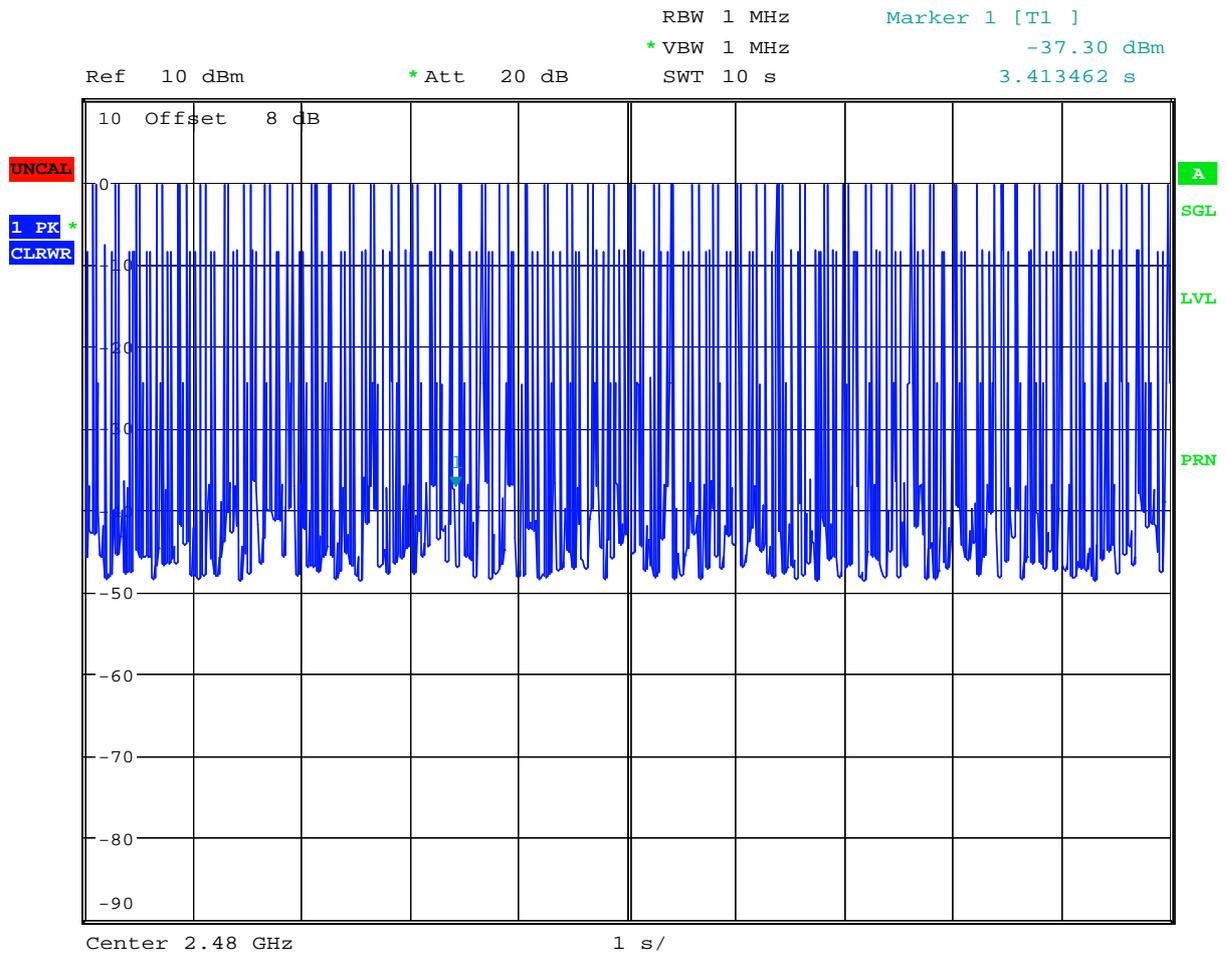
Date: 13.FEB.2006 20:23:46



DH1 (CH78)



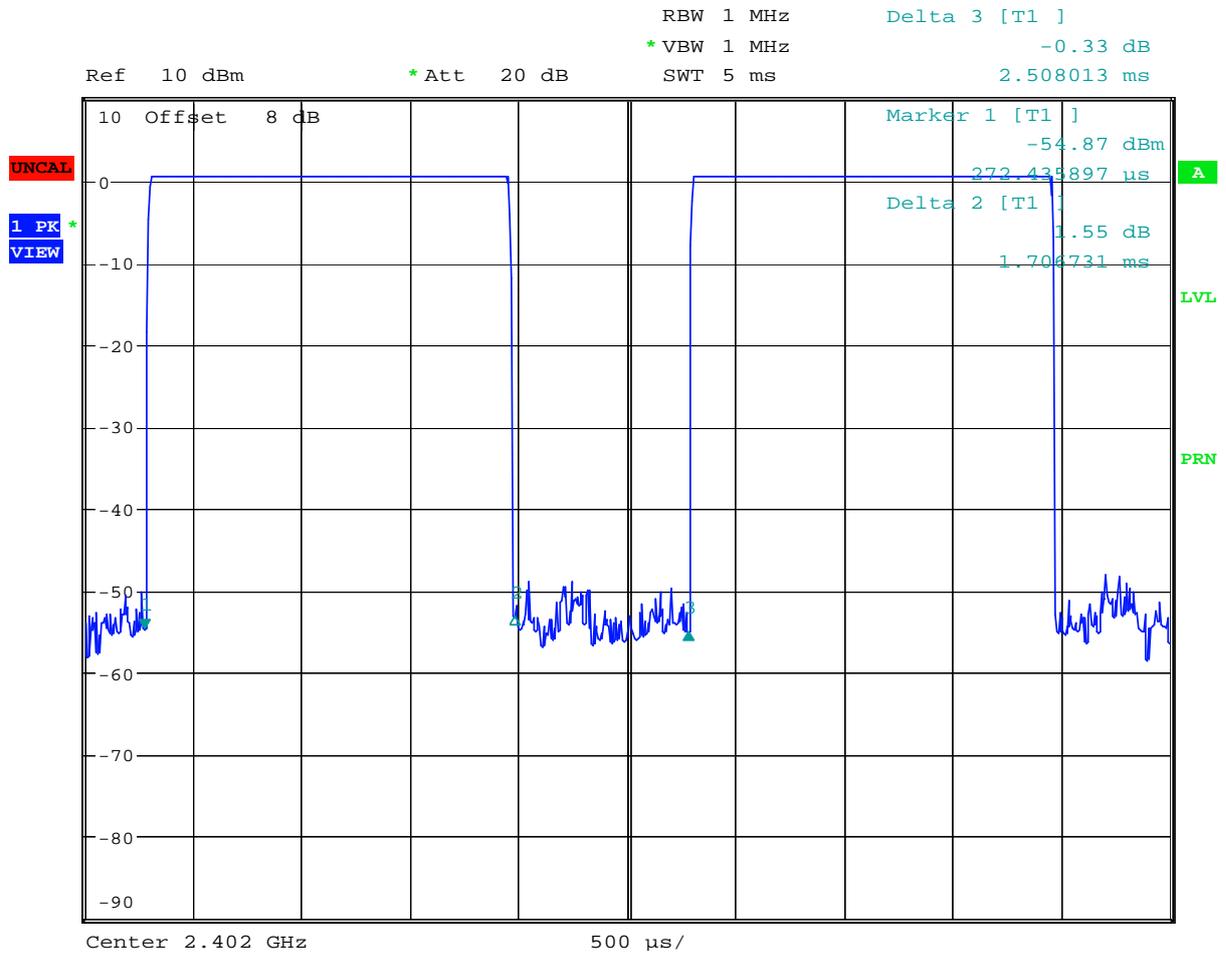
Date: 13.FEB.2006 20:18:41



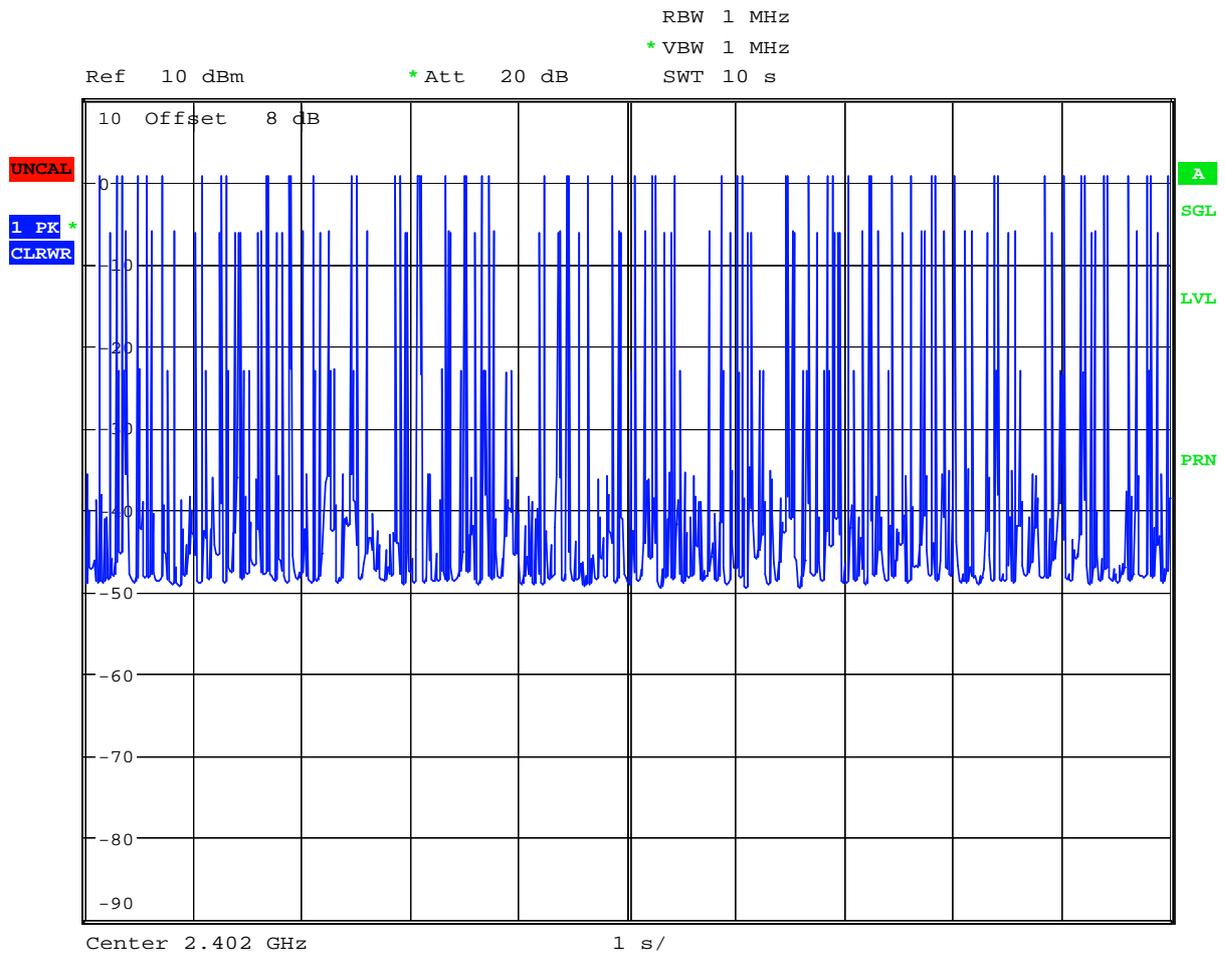
Date: 13.FEB.2006 20:24:23



DH3 (CH00)



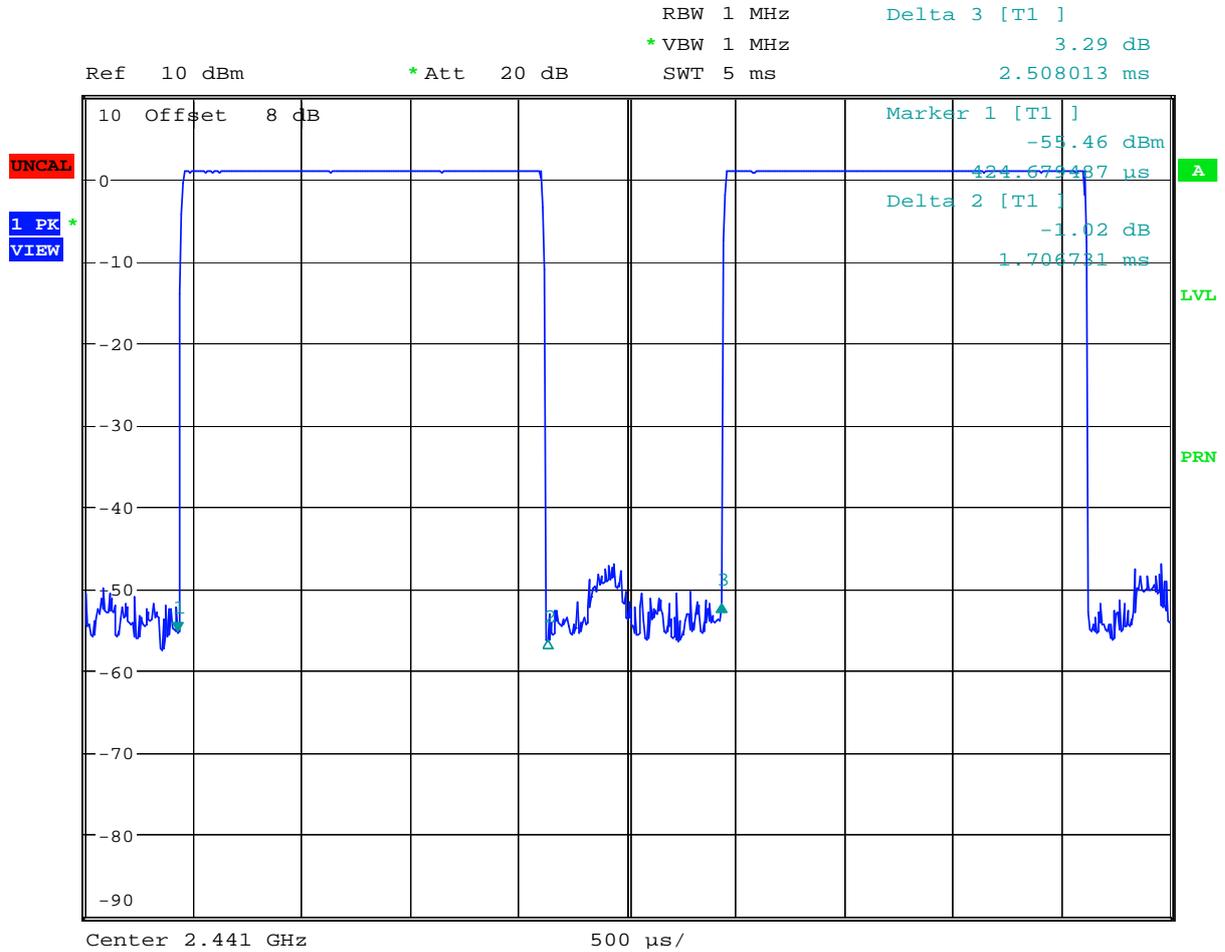
Date: 13.FEB.2006 20:33:24



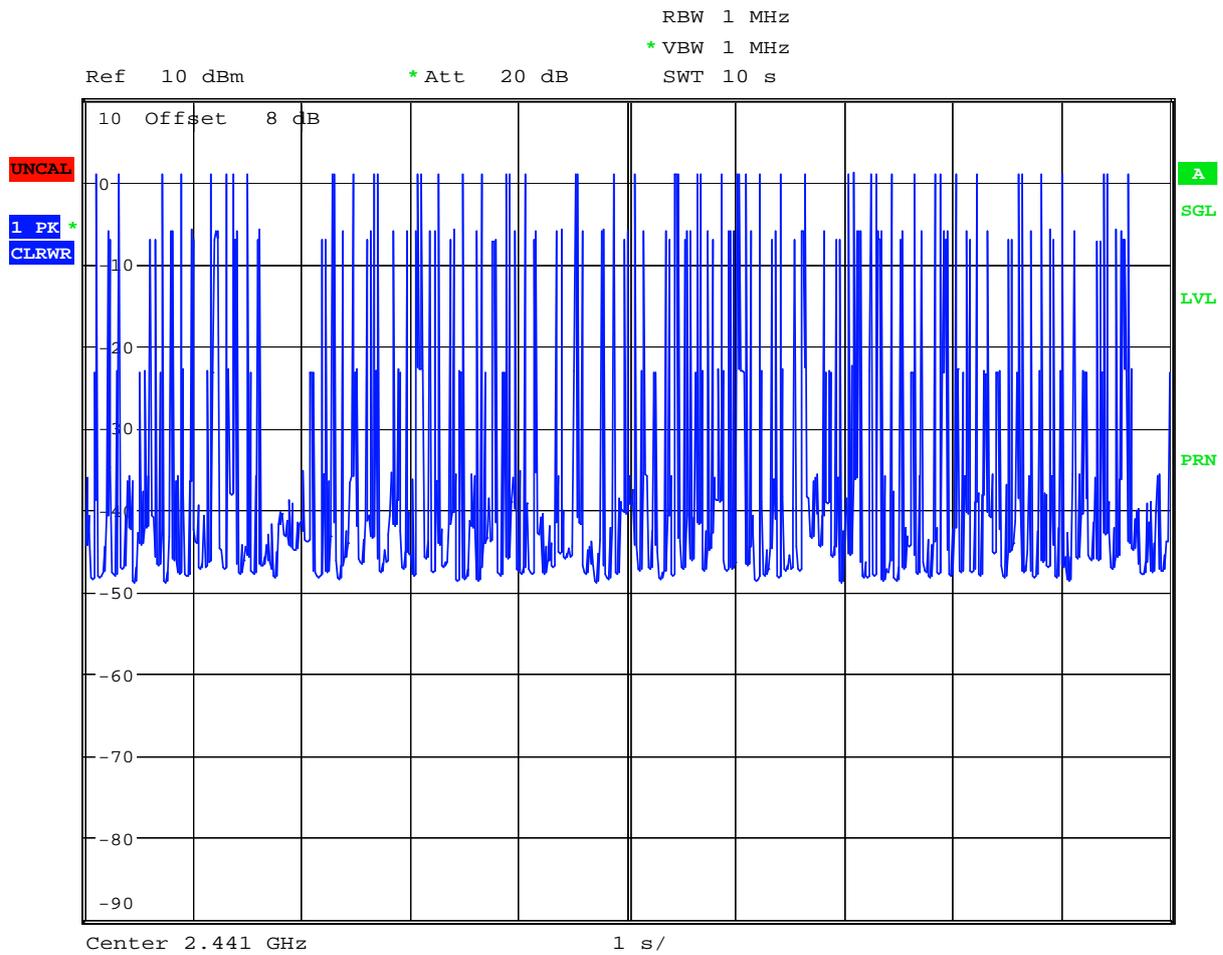
Date: 13.FEB.2006 20:40:57



DH3 (CH39)



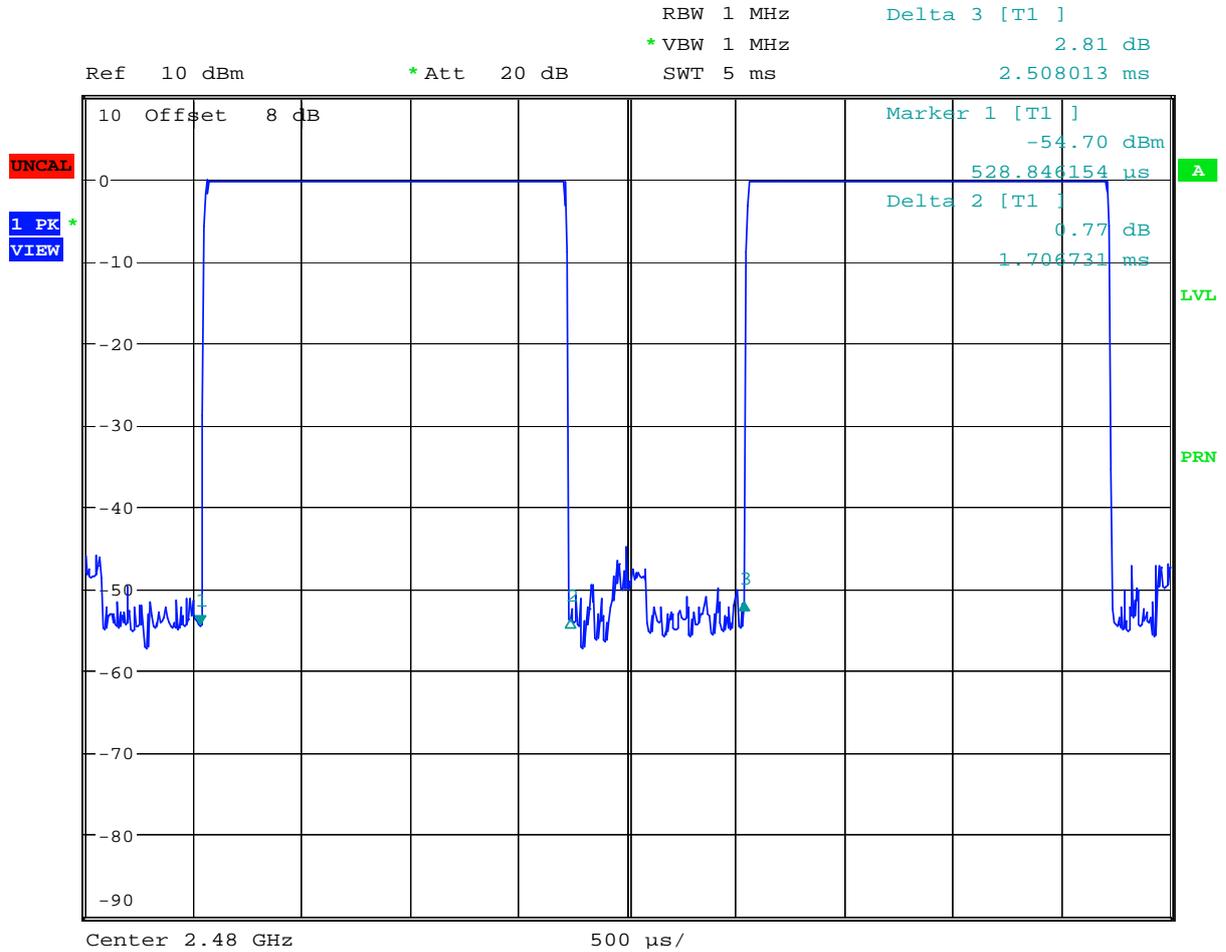
Date: 13.FEB.2006 20:35:09



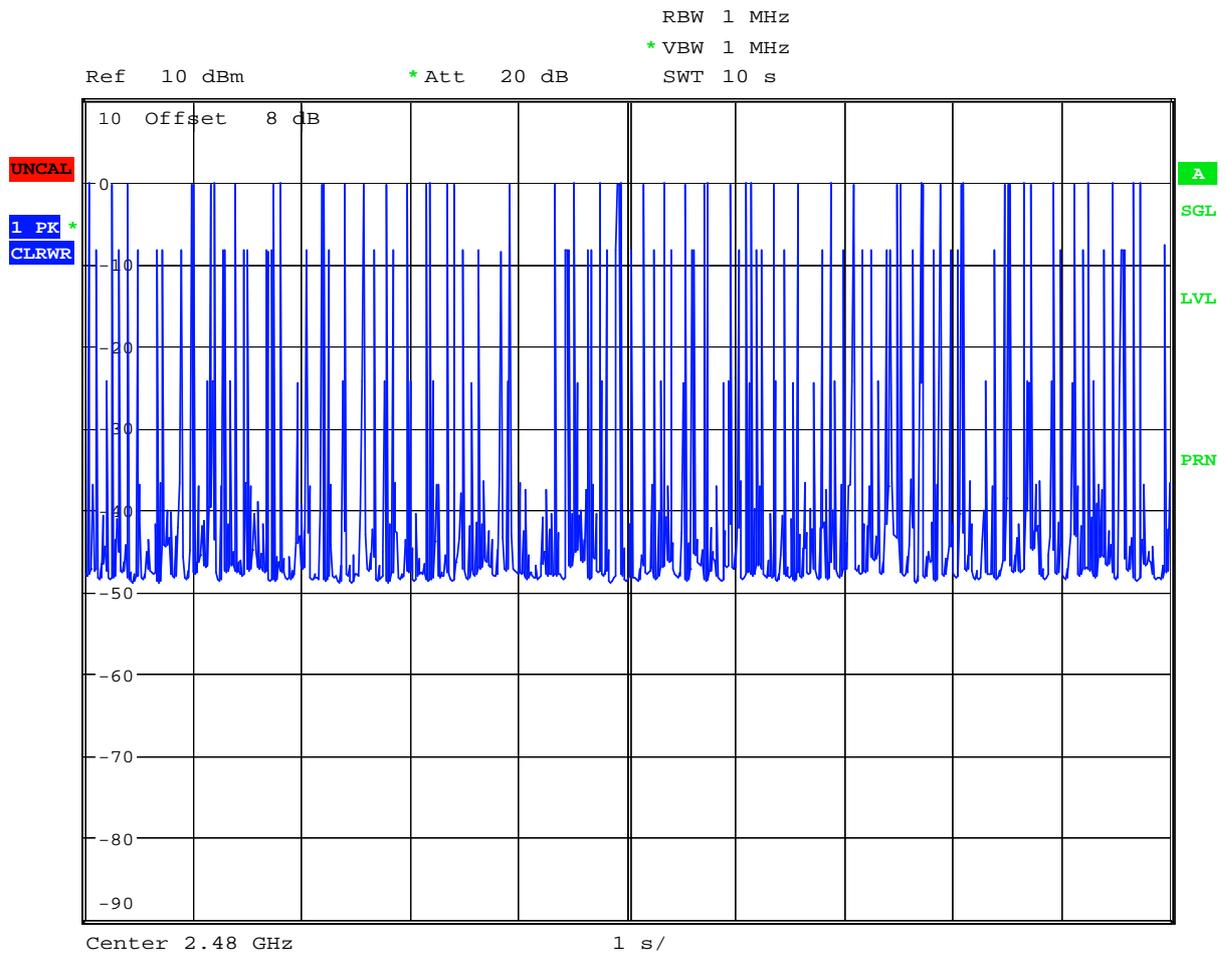
Date: 13.FEB.2006 20:41:40



DH3 (CH78)



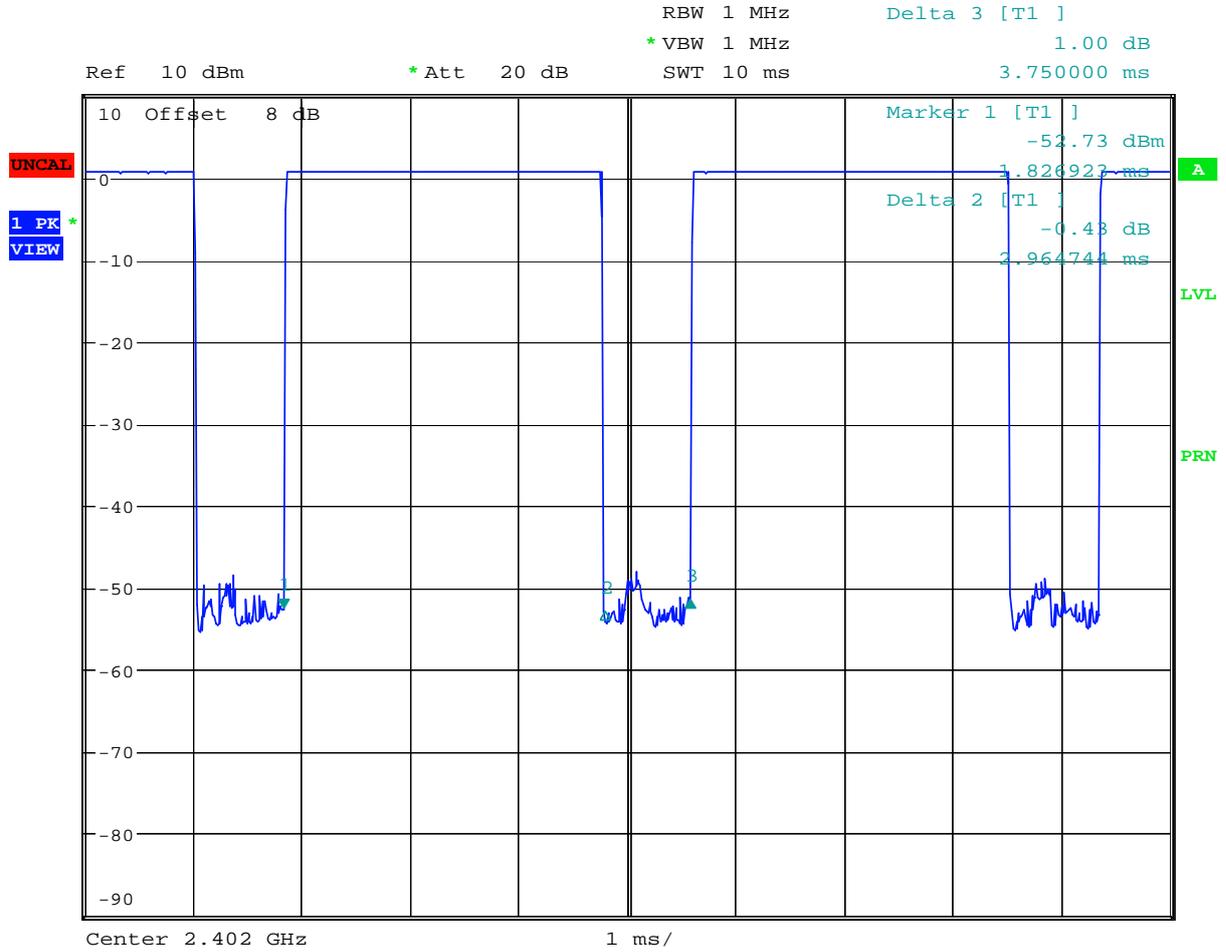
Date: 13.FEB.2006 20:39:33



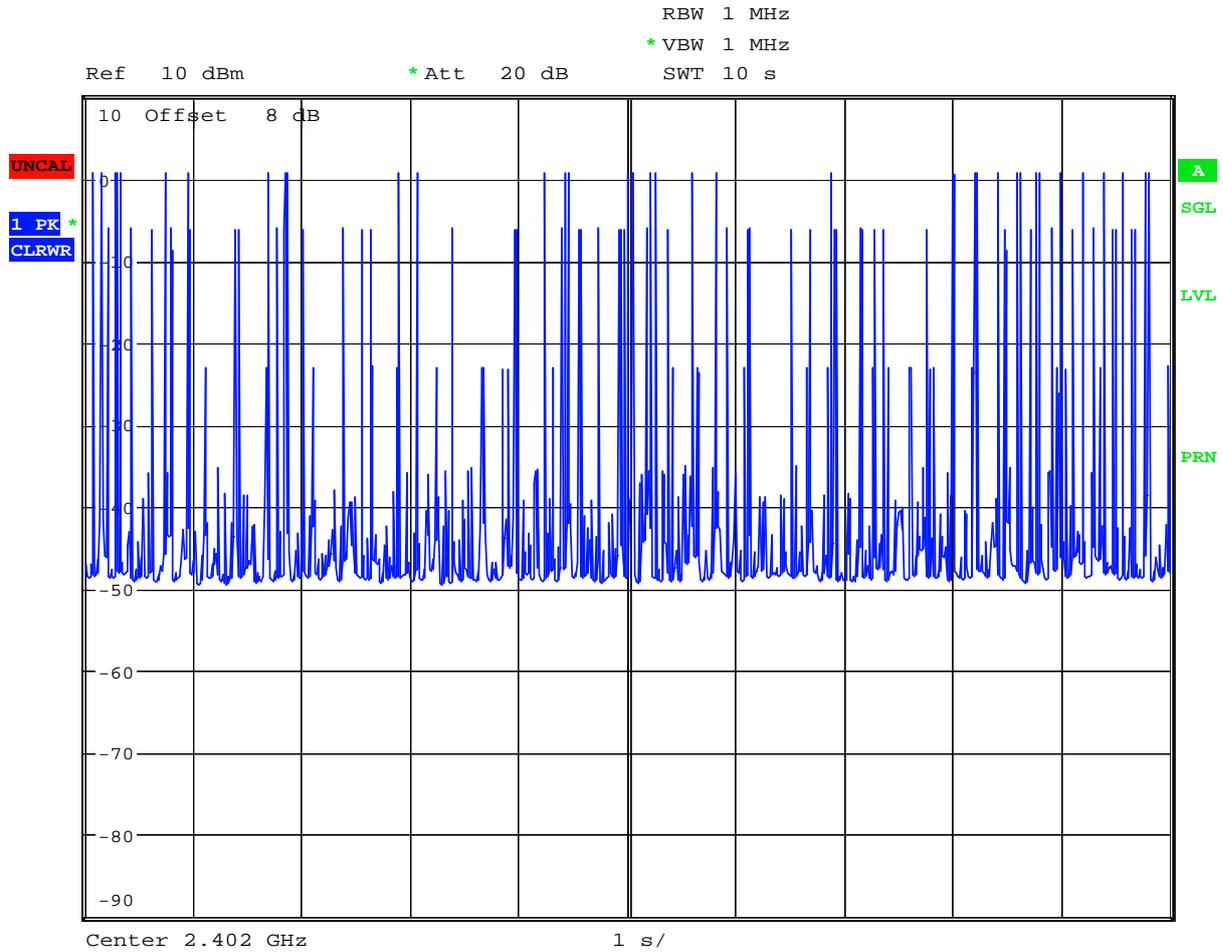
Date: 13.FEB.2006 20:42:22



DH5 (CH00)



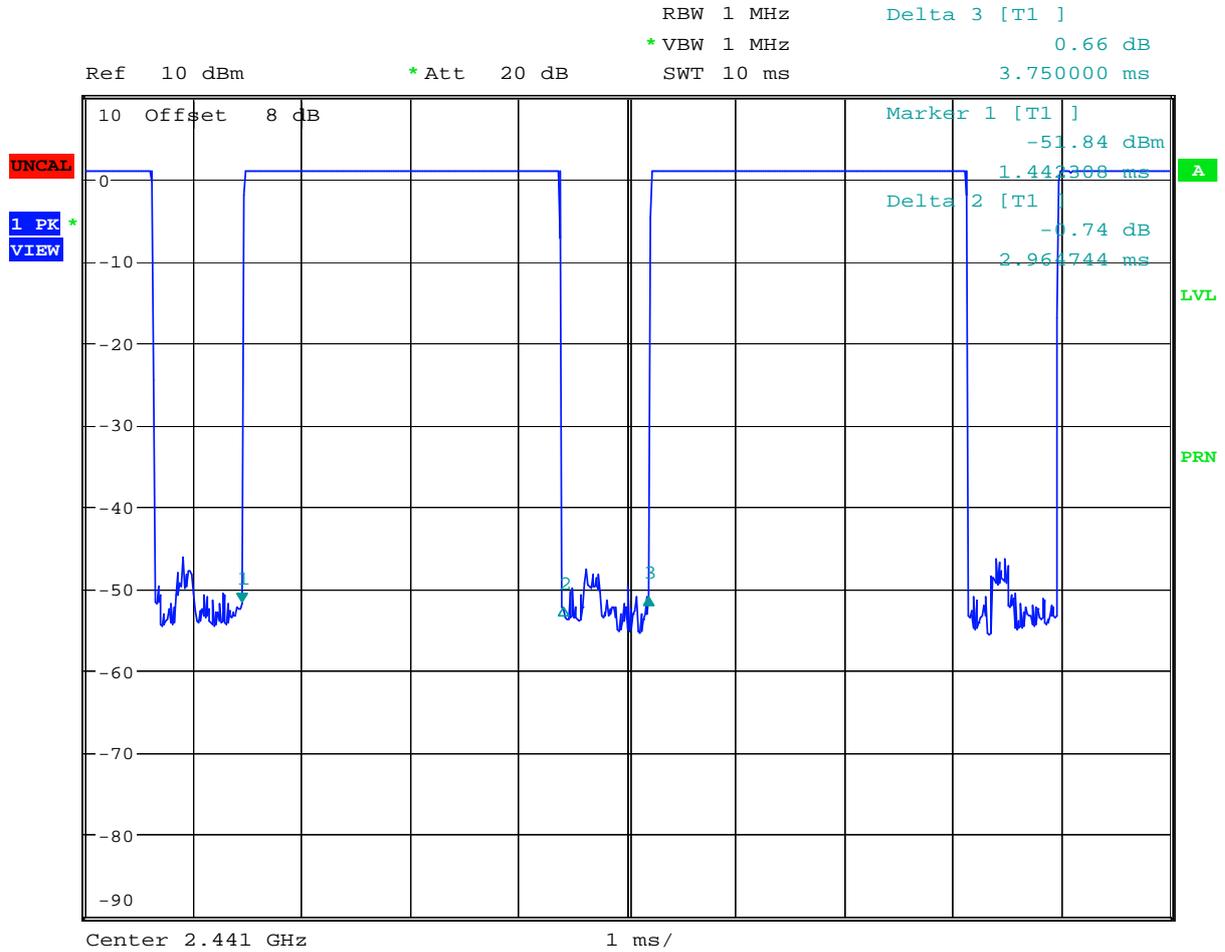
Date: 13.FEB.2006 20:47:14



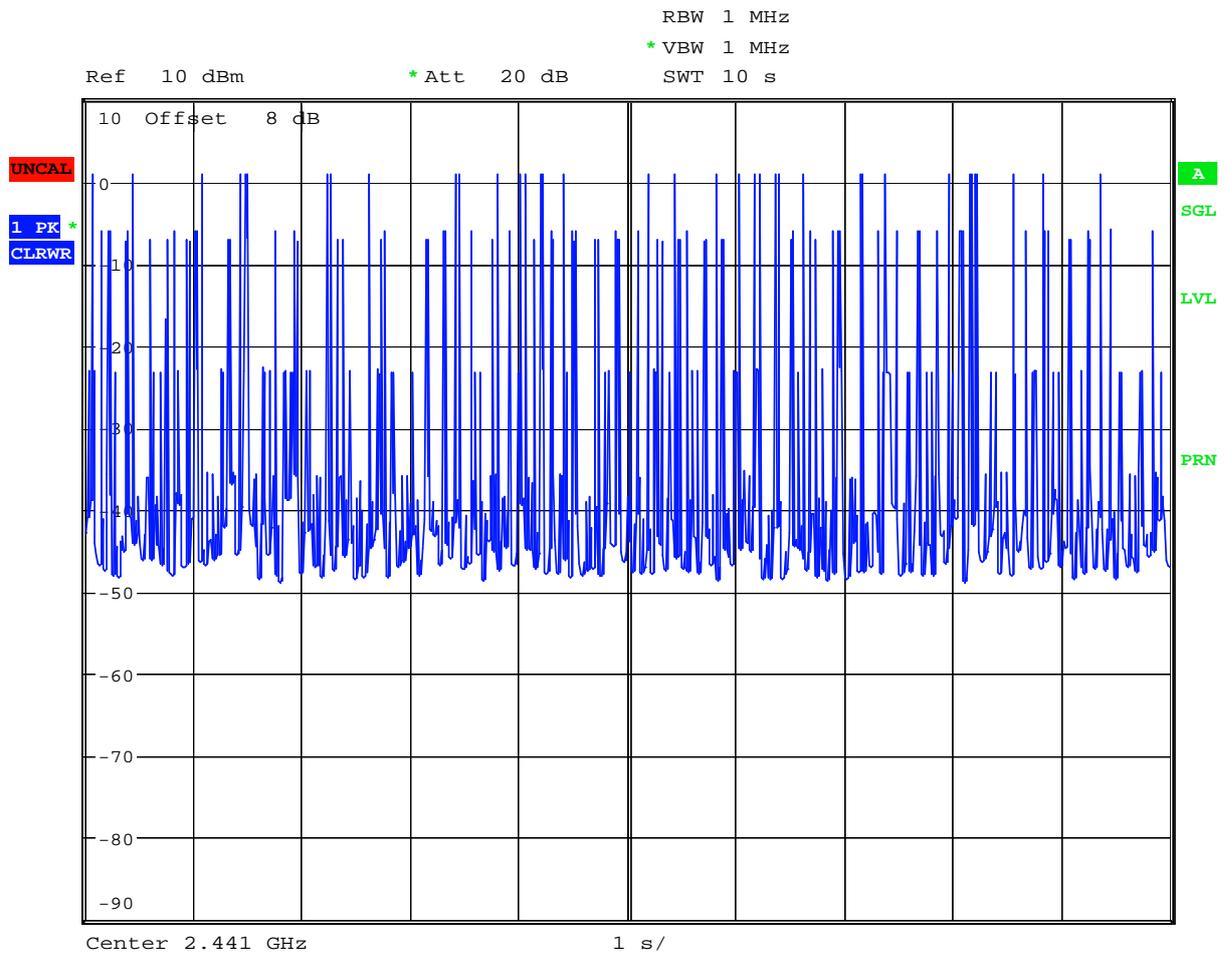
Date: 13.FEB.2006 20:45:09



DH5 (CH39)



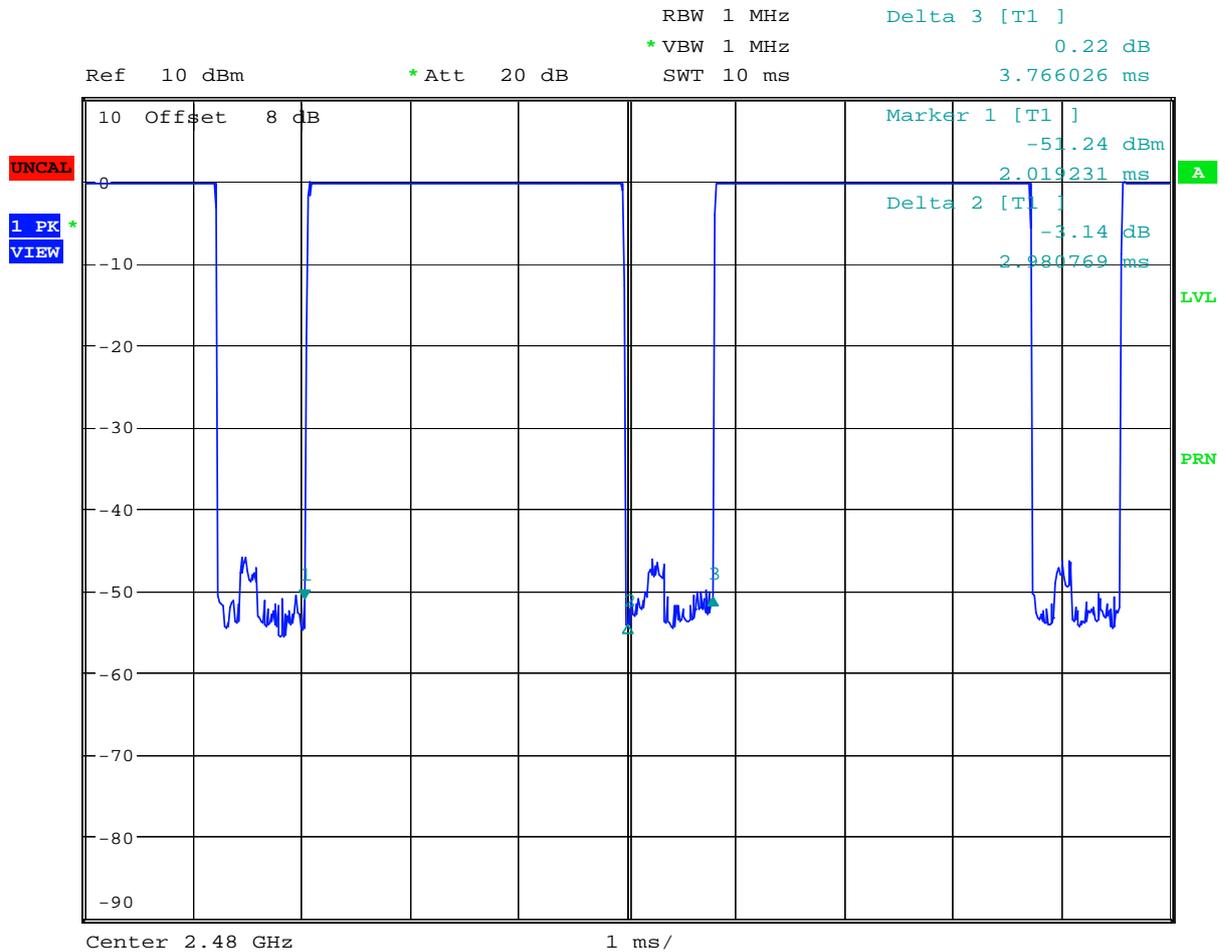
Date: 13.FEB.2006 20:48:17



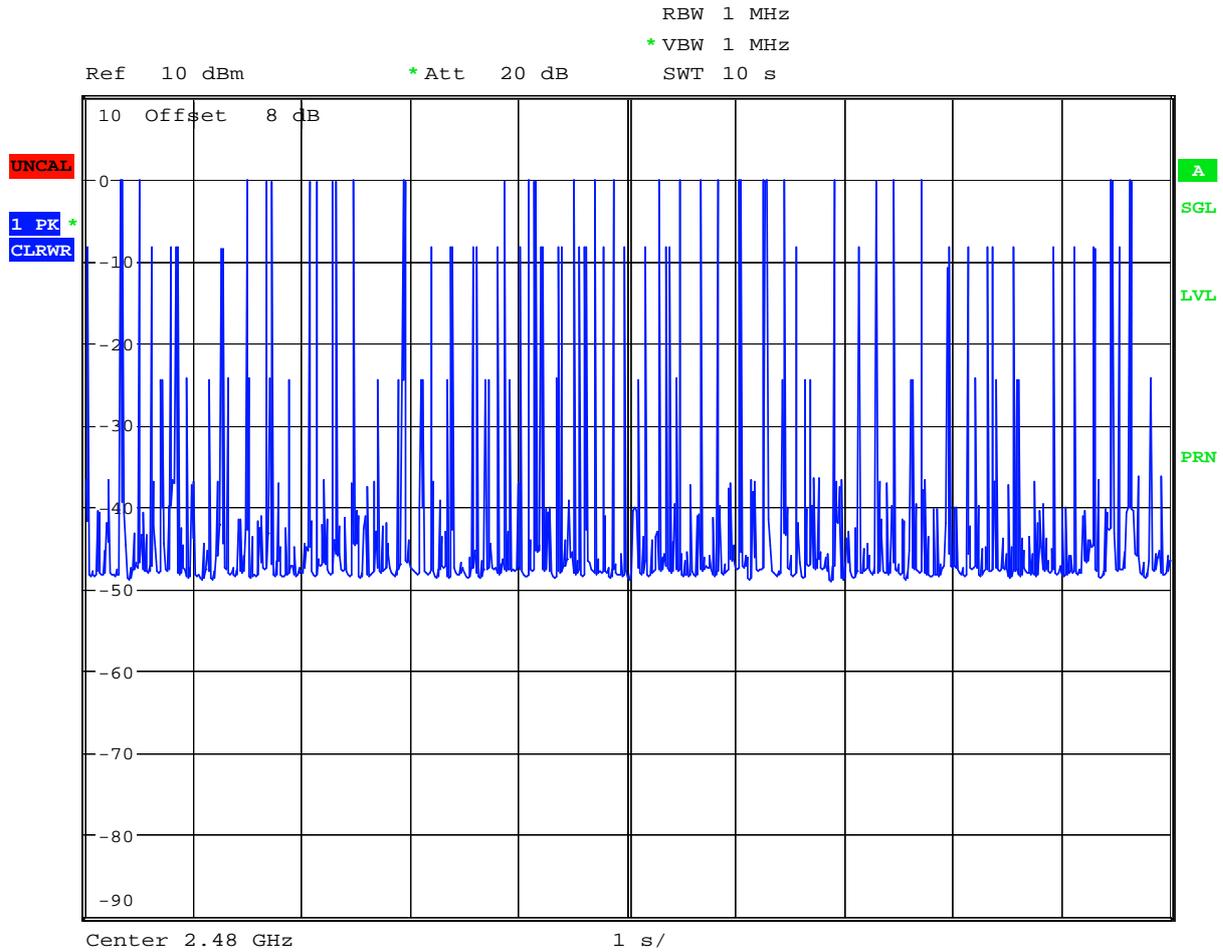
Date: 13.FEB.2006 20:45:44



DH5 (CH78)



Date: 13.FEB.2006 20:49:14



Date: 13.FEB.2006 20:44:28

5.9 Peak Output Power Measurement

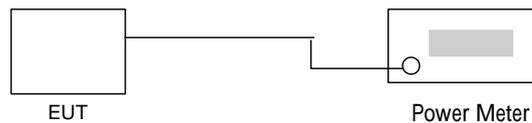
5.9.1 Measuring Instruments :

As described in chapter 6 of this test report.

5.9.2 Test Procedure :

1. The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter for WLAN measurement. The power is equal to the reading level on power meter plus cable loss at the EUT antenna terminal.
2. The antenna port(RF output) of the EUT was connected to the input (RF input) of a spectrum analyzer for BT measurement. The cable loss has been offset before testing.

5.9.3 Test Setup Layout :



5.9.4 Test Result :

- Application Type : WLAN 802.11b/g and BT
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James

WLAN 802.11b

Channel	Frequency (MHz)	Measured Output Power (dBm)	Limits (Watt/dBm)
01	2412	17.18	1W/30 dBm
06	2437	17.80	1W/30 dBm
11	2462	17.97	1W/30 dBm

**WLAN 802.11g**

Channel	Frequency (MHz)	Measured Output Power (dBm)	Limits (Watt/dBm)
01	2412	20.37	1W/30 dBm
06	2437	20.13	1W/30 dBm
11	2462	20.39	1W/30 dBm

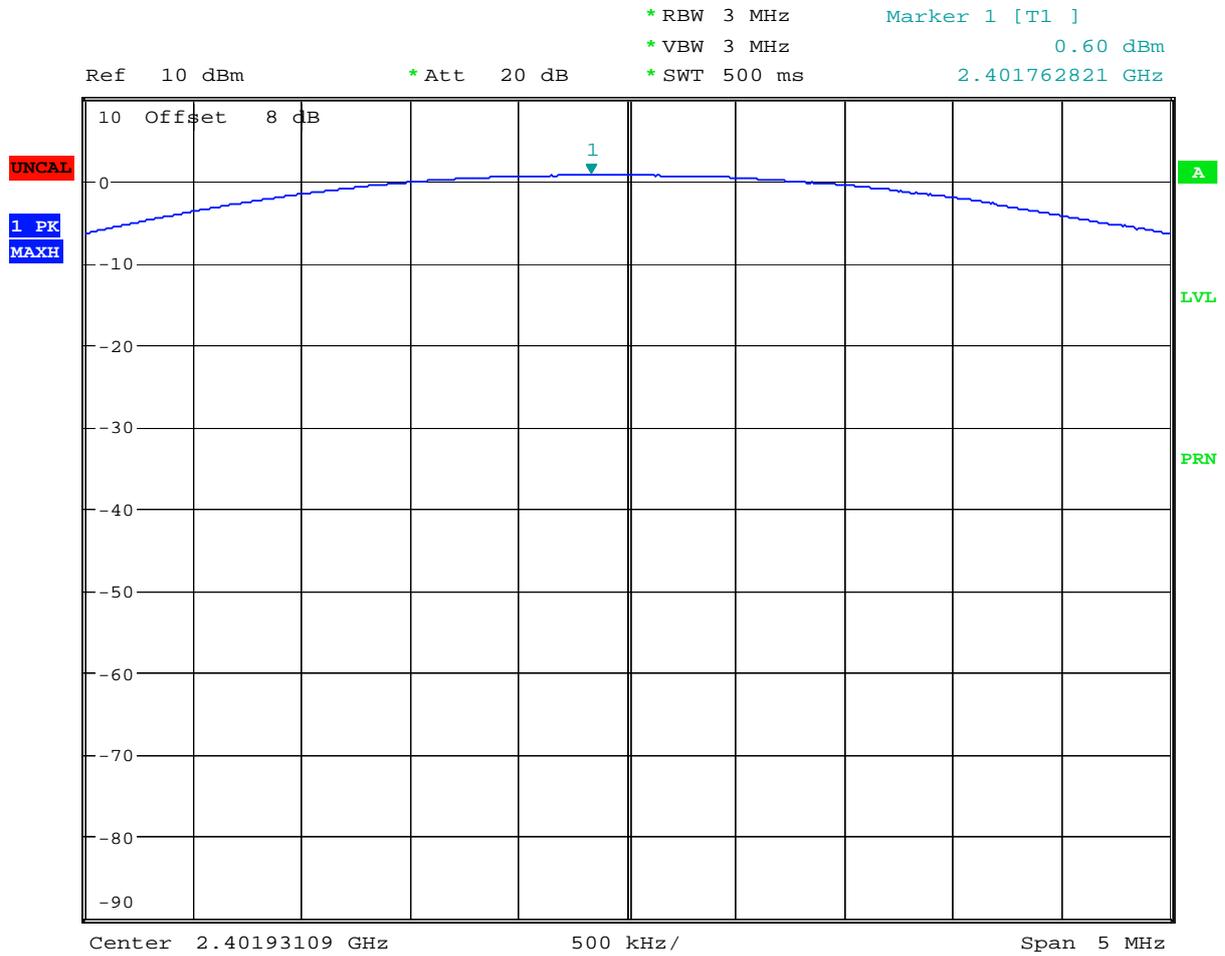
Bluetooth

Channel	Frequency (MHz)	Measured Output Power (dBm)	Limits (Watt/dBm)
00	2402	0.60	1W/30 dBm
39	2441	0.92	1W/30 dBm
78	2480	-0.32	1W/30 dBm



5.9.5 Output Power

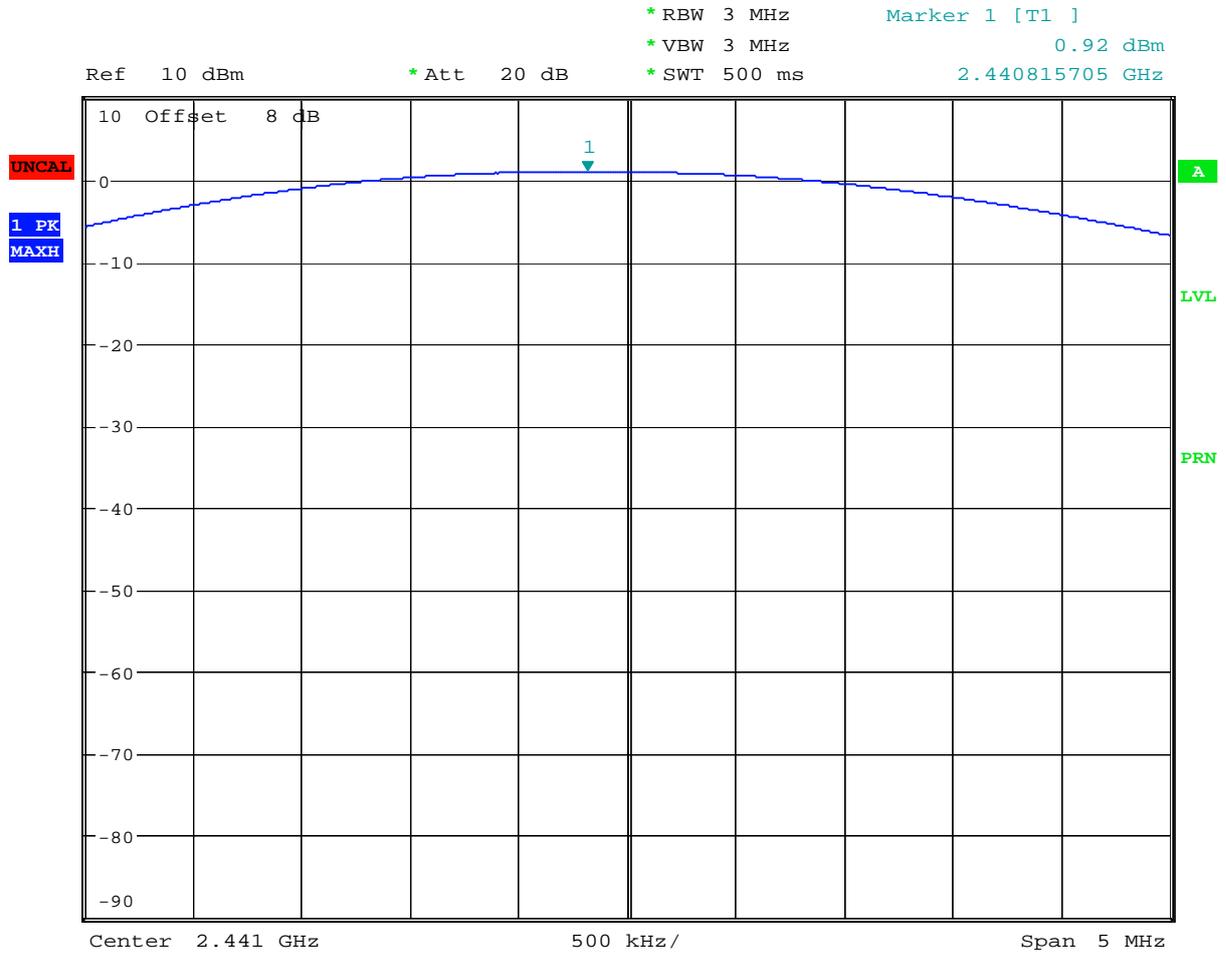
BT Mode : CH00 (2402MHz)



Date: 13.FEB.2006 19:59:06



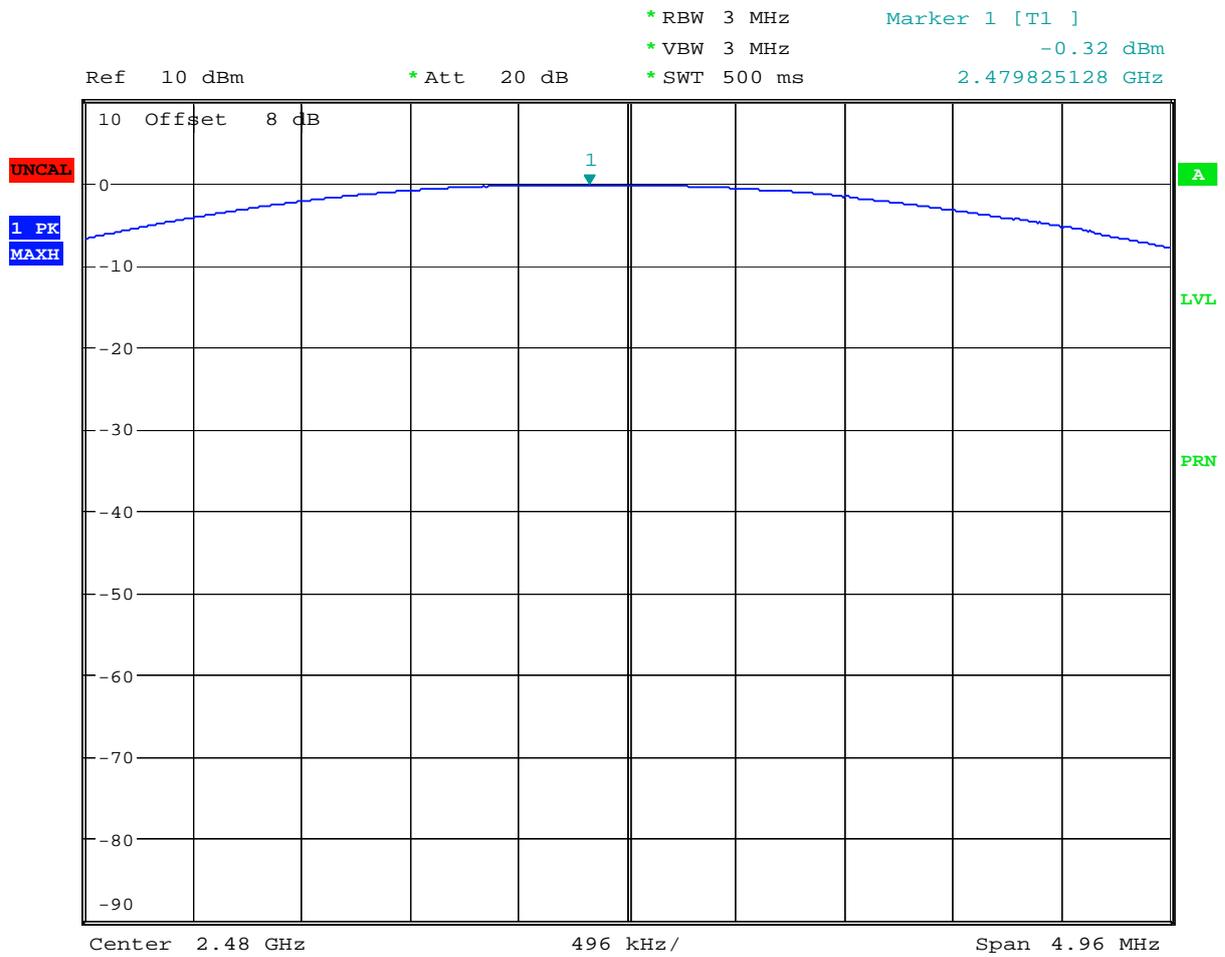
BT Mode : CH39 (2441MHz)



Date: 13.FEB.2006 19:59:40



BT Mode : CH78 (2480MHz)



Date: 13.FEB.2006 20:00:36



5.10 Conducted Emission

5.10.1 Measuring Instruments

As described in chapter 6 of this test Report.

5.10.2 Test Procedures :

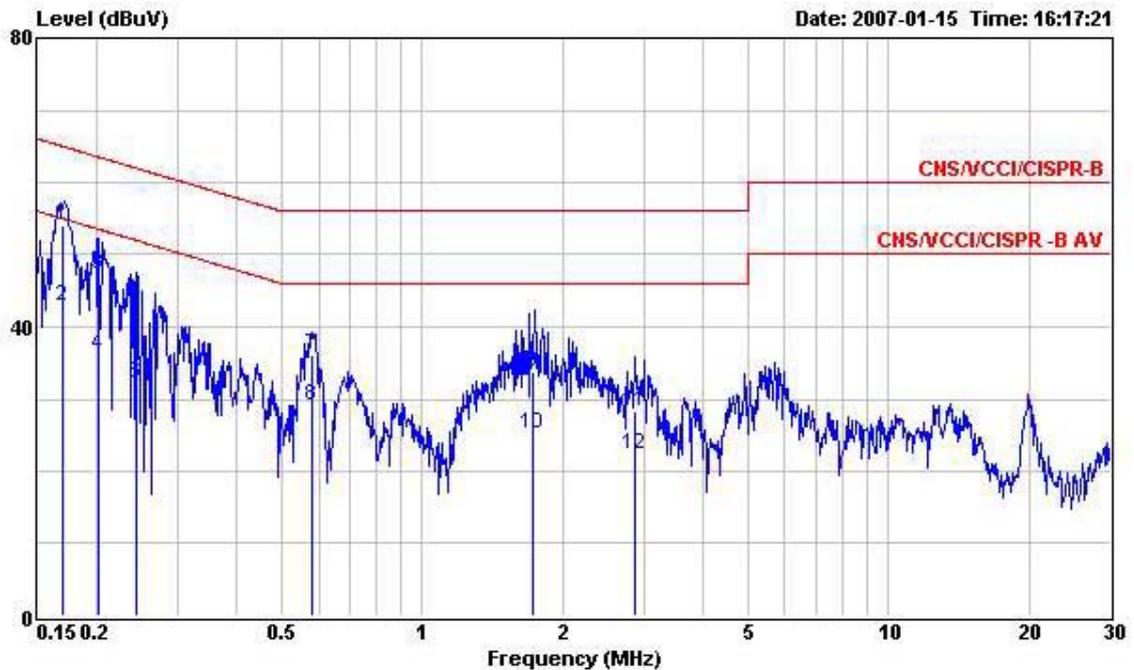
- a. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- b. Connect EUT to the power port of a line impedance stabilization network (LISN).
- c. All the support units are connected to the other LISN.
- d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- e. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- f. Both sides of AC line were checked for maximum conducted interference.
- g. The frequency range from 150 kHz to 30 MHz was searched.
- h. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.



5.10.3 Test Data

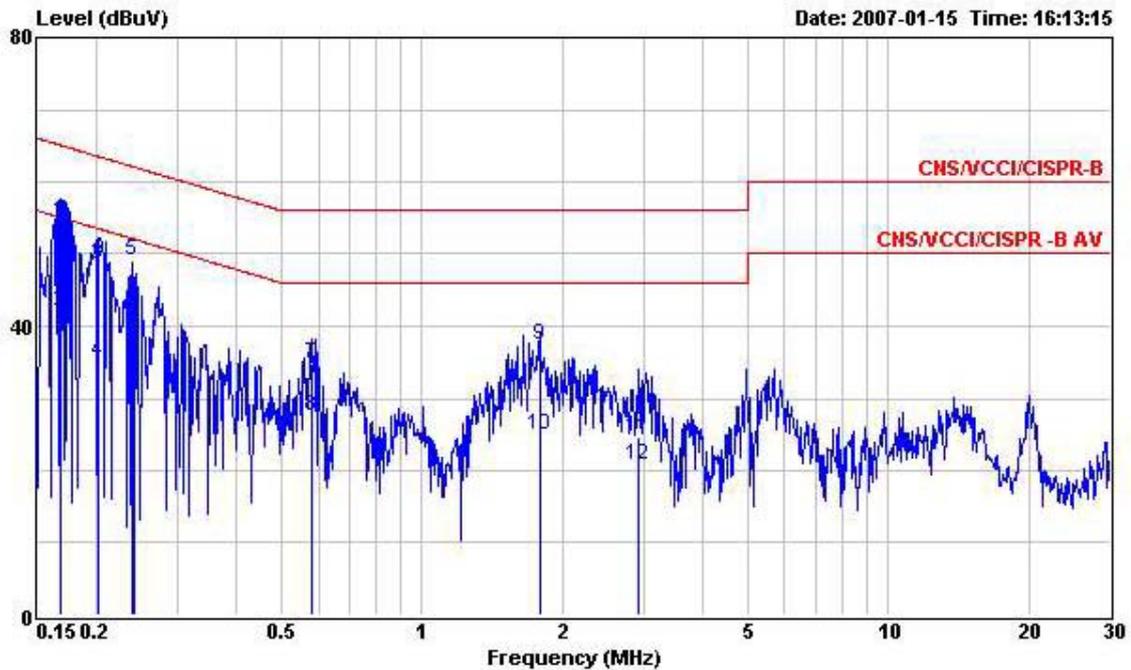
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James
- Test Mode : Mode 1

The test that passed at minimum margin was marked by the frame in the following table.



Site : CO01-HY
 Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
 EUT : GSM/GPRS/EDGE MOBILE PHONE
 Power : 120V/60Hz
 Model : FR711207
 Memo : GSM850 IDLE+BT LINK+WLAN LINK
 Memo : +EARPHONE+ADAPTER+CAMERA
 Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.170	53.94	-11.03	64.97	53.80	0.10	0.04	QP
2	0.170	42.82	-12.15	54.97	42.68	0.10	0.04	Average
3	0.203	47.23	-16.26	63.49	47.09	0.10	0.04	QP
4	0.203	36.12	-17.37	53.49	35.98	0.10	0.04	Average
5	0.243	42.85	-19.15	62.00	42.70	0.10	0.05	QP
6	0.243	32.19	-19.81	52.00	32.04	0.10	0.05	Average
7	0.581	36.03	-19.97	56.00	35.85	0.10	0.08	QP
8	0.581	29.21	-16.79	46.00	29.03	0.10	0.08	Average
9	1.734	33.78	-22.22	56.00	33.60	0.10	0.08	QP
10	1.734	25.15	-20.85	46.00	24.97	0.10	0.08	Average
11	2.850	28.23	-27.77	56.00	28.01	0.15	0.07	QP
12	2.850	22.28	-23.72	46.00	22.06	0.15	0.07	Average



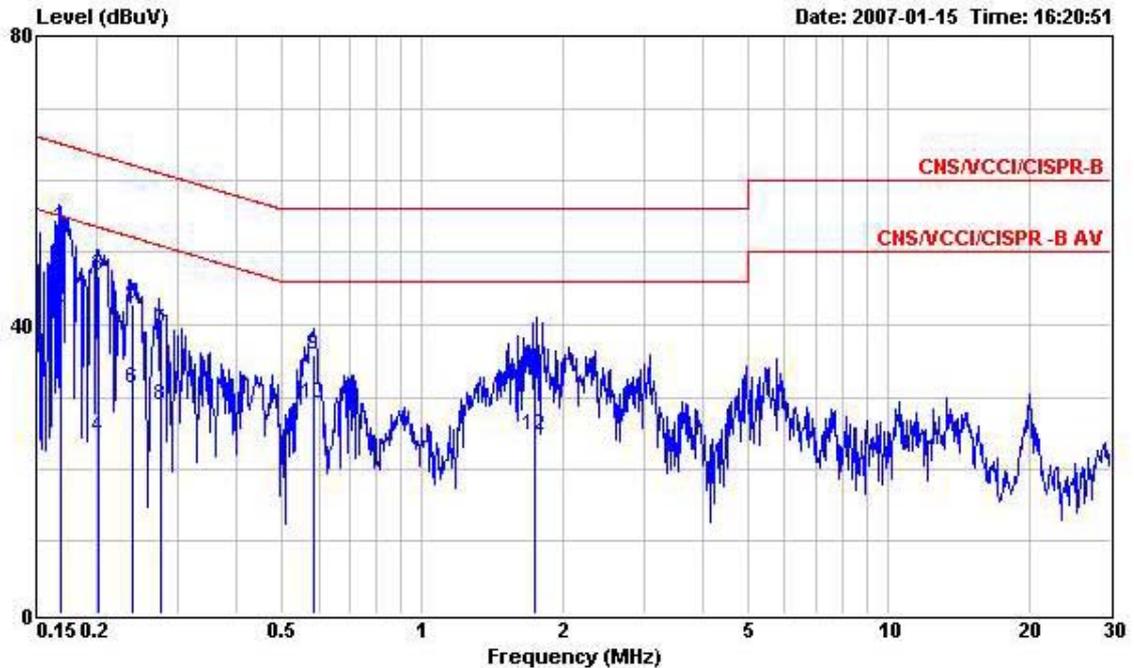
Site : CO01-HY
 Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
 EUT : GSM/GPRS/EDGE MOBILE PHONE
 Power : 120V/60Hz
 Model : FR711207
 Memo : GSM850 IDLE+BT LINK+WLAN LINK
 Memo : +EARPHONE+ADAPTER+CAMERA
 Memo :

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.168	54.63	-10.43	65.06	54.49	0.10	0.04	QP
2	0.168	42.12	-12.94	55.06	41.98	0.10	0.04	Average
3	0.203	48.45	-15.04	63.49	48.31	0.10	0.04	QP
4	0.203	35.14	-18.35	53.49	35.00	0.10	0.04	Average
5	0.240	49.15	-12.95	62.10	49.00	0.10	0.05	QP
6	0.240	30.37	-21.71	52.08	30.22	0.10	0.05	Average
7	0.581	34.86	-21.14	56.00	34.68	0.10	0.08	QP
8	0.581	27.41	-18.59	46.00	27.23	0.10	0.08	Average
9	1.790	37.37	-18.63	56.00	37.19	0.10	0.08	QP
10	1.790	24.90	-21.10	46.00	24.72	0.10	0.08	Average
11	2.900	24.79	-31.21	56.00	24.62	0.10	0.07	QP
12	2.900	20.79	-25.21	46.00	20.62	0.10	0.07	Average



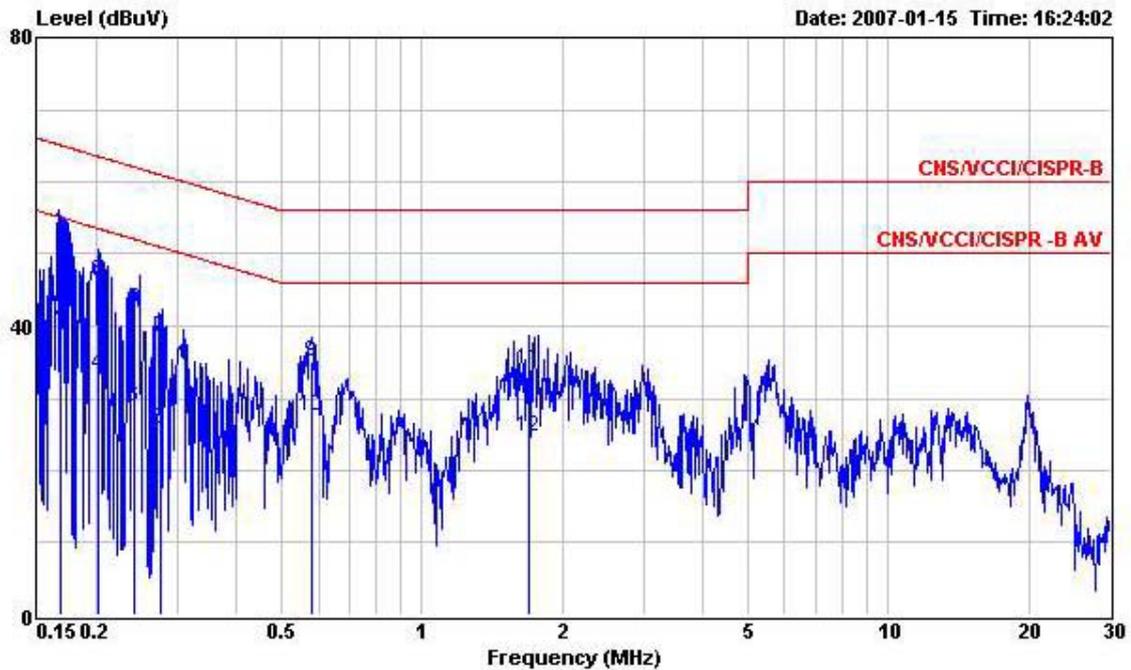
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James
- Test Mode : Mode 2

The test that passed at minimum margin was marked by the frame in the following table.



Site : CO01-HY
 Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
 EUT : GSM/GPRS/EDGE MOBILE PHONE
 Power : 120V/60Hz
 Model : FR711207
 Memo : GSM850 IDLE+BT LINK+WLAN LINK
 Memo : +EARPHONE+ADAPTER+Mpeg4
 Memo :

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.168	53.58	-11.46	65.04	53.44	0.10	0.04	QP
2	0.168	42.35	-12.69	55.04	42.21	0.10	0.04	Average
3	0.202	46.64	-16.88	63.52	46.50	0.10	0.04	QP
4	0.202	24.34	-29.18	53.52	24.20	0.10	0.04	Average
5	0.239	42.74	-19.39	62.13	42.59	0.10	0.05	QP
6	0.239	31.11	-21.02	52.13	30.96	0.10	0.05	Average
7	0.275	39.30	-21.68	60.98	39.15	0.10	0.05	QP
8	0.275	28.95	-22.02	50.97	28.80	0.10	0.05	Average
9	0.584	35.87	-20.13	56.00	35.69	0.10	0.08	QP
10	0.584	29.21	-16.79	46.00	29.03	0.10	0.08	Average
11	1.751	34.26	-21.74	56.00	34.08	0.10	0.08	QP
12	1.751	24.74	-21.26	46.00	24.56	0.10	0.08	Average



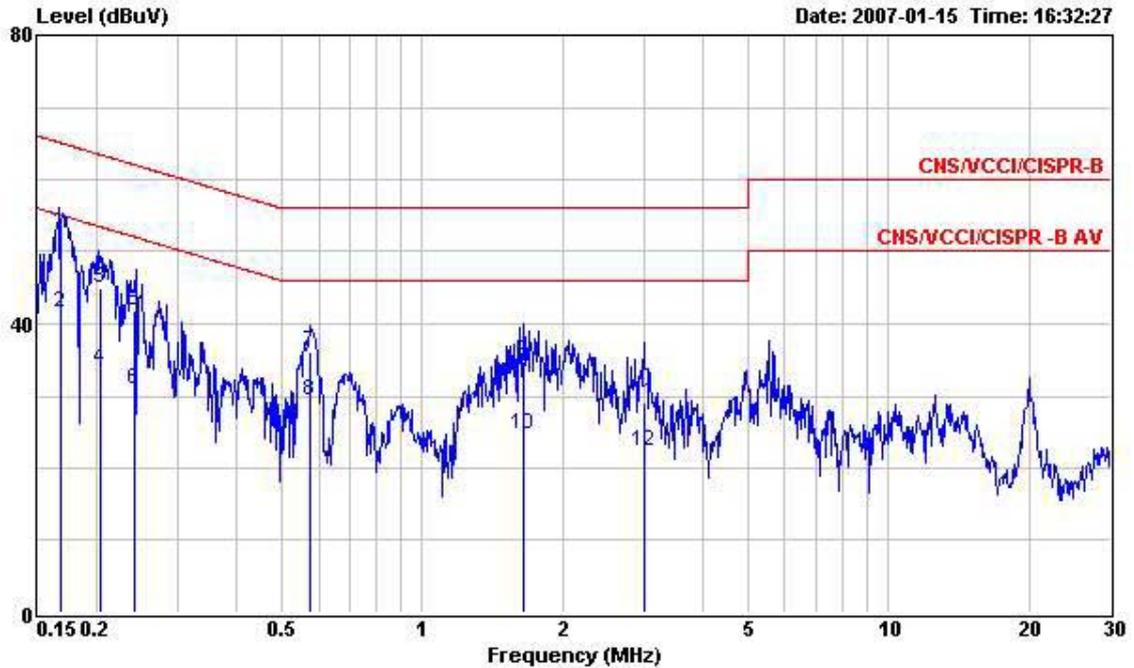
Site : CO01-HY
 Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
 EUT : GSM/GPRS/EDGE MOBILE PHONE
 Power : 120V/60Hz
 Model : FR711207
 Memo : GSM850 IDLE+BT LINK+WLAN LINK
 Memo : +EARPHONE+ADAPTER+Mpeg4
 Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.168	53.09	-11.95	65.04	52.95	0.10	0.04	QP
2	0.168	40.86	-14.18	55.04	40.72	0.10	0.04	Average
3	0.203	46.22	-17.27	63.49	46.08	0.10	0.04	QP
4	0.203	33.19	-20.30	53.49	33.05	0.10	0.04	Average
5	0.242	42.22	-19.82	62.04	42.07	0.10	0.05	QP
6	0.242	28.85	-23.19	52.04	28.70	0.10	0.05	Average
7	0.276	38.45	-22.49	60.94	38.30	0.10	0.05	QP
8	0.276	25.68	-25.26	50.94	25.53	0.10	0.05	Average
9	0.579	35.12	-20.88	56.00	34.94	0.10	0.08	QP
10	0.579	27.66	-18.34	46.00	27.48	0.10	0.08	Average
11	1.700	34.02	-21.98	56.00	33.84	0.10	0.08	QP
12	1.700	24.69	-21.31	46.00	24.51	0.10	0.08	Average



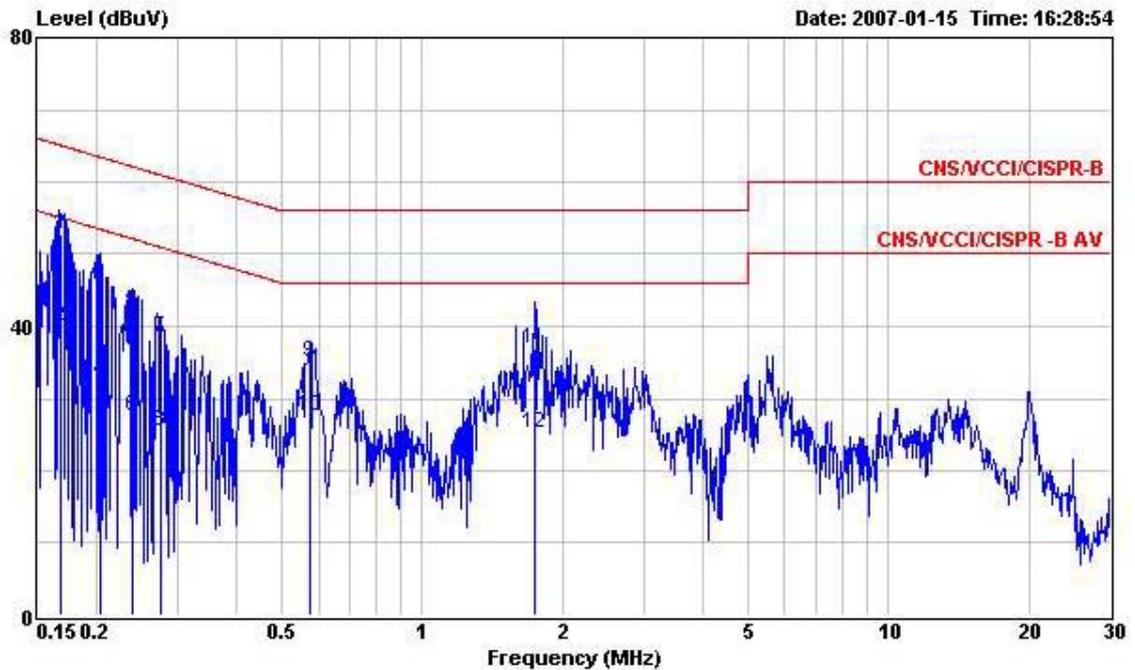
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James
- Test Mode : Mode 3

The test that passed at minimum margin was marked by the frame in the following table.



Site : CO01-HY
 Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
 EUT : GSM/GPRS/EDGE MOBILE PHONE
 Power : 120V/60Hz
 Model : FR711207
 Memo : EDGE IDLE+BT LINK+WLAN LINK
 Memo : +EARPHONE+ADAPTER+CAMERA
 Memo :

	Freq	Level	Over	Limit	Read	Probe	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.168	52.72	-12.32	65.04	52.58	0.10	0.04	QP
2	0.168	41.67	-13.37	55.04	41.53	0.10	0.04	Average
3	0.204	44.84	-18.61	63.45	44.70	0.10	0.04	QP
4	0.204	33.83	-19.60	53.43	33.69	0.10	0.04	Average
5	0.242	41.72	-20.32	62.04	41.57	0.10	0.05	QP
6	0.242	31.03	-21.01	52.04	30.88	0.10	0.05	Average
7	0.577	36.07	-19.93	56.00	35.89	0.10	0.08	QP
8	0.577	29.26	-16.74	46.00	29.08	0.10	0.08	Average
9	1.650	34.77	-21.23	56.00	34.58	0.10	0.09	QP
10	1.650	24.61	-21.39	46.00	24.42	0.10	0.09	Average
11	2.990	29.05	-26.95	56.00	28.82	0.16	0.07	QP
12	2.990	22.38	-23.62	46.00	22.15	0.16	0.07	Average



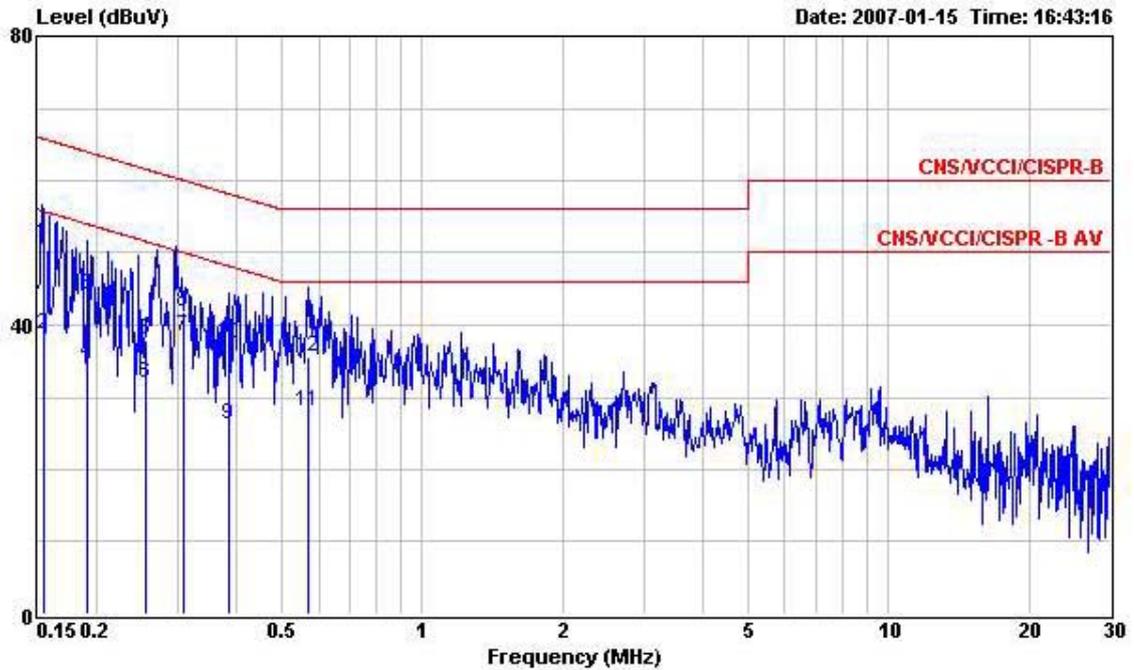
Site : CO01-HY
 Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
 EUT : GSM/GPRS/EDGE MOBILE PHONE
 Power : 120V/60Hz
 Model : FR711207
 Memo : EDGE IDLE+BT LINK+WLAN LINK
 Memo : +EARPHONE+ADAPTER+CAMERA
 Memo :

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.167	52.72	-12.37	65.09	52.58	0.10	0.04	QP
2	0.167	40.10	-14.99	55.09	39.96	0.10	0.04	Average
3	0.204	45.51	-17.94	63.45	45.37	0.10	0.04	QP
4	0.204	32.37	-21.08	53.45	32.23	0.10	0.04	Average
5	0.239	42.04	-20.09	62.13	41.89	0.10	0.05	QP
6	0.239	27.56	-24.57	52.13	27.41	0.10	0.05	Average
7	0.274	38.32	-22.68	61.00	38.17	0.10	0.05	QP
8	0.274	25.53	-25.47	51.00	25.38	0.10	0.05	Average
9	0.576	35.12	-20.88	56.00	34.94	0.10	0.08	QP
10	0.576	27.54	-18.46	46.00	27.36	0.10	0.08	Average
11	1.739	36.84	-19.16	56.00	36.66	0.10	0.08	QP
12	1.739	25.07	-20.93	46.00	24.89	0.10	0.08	Average



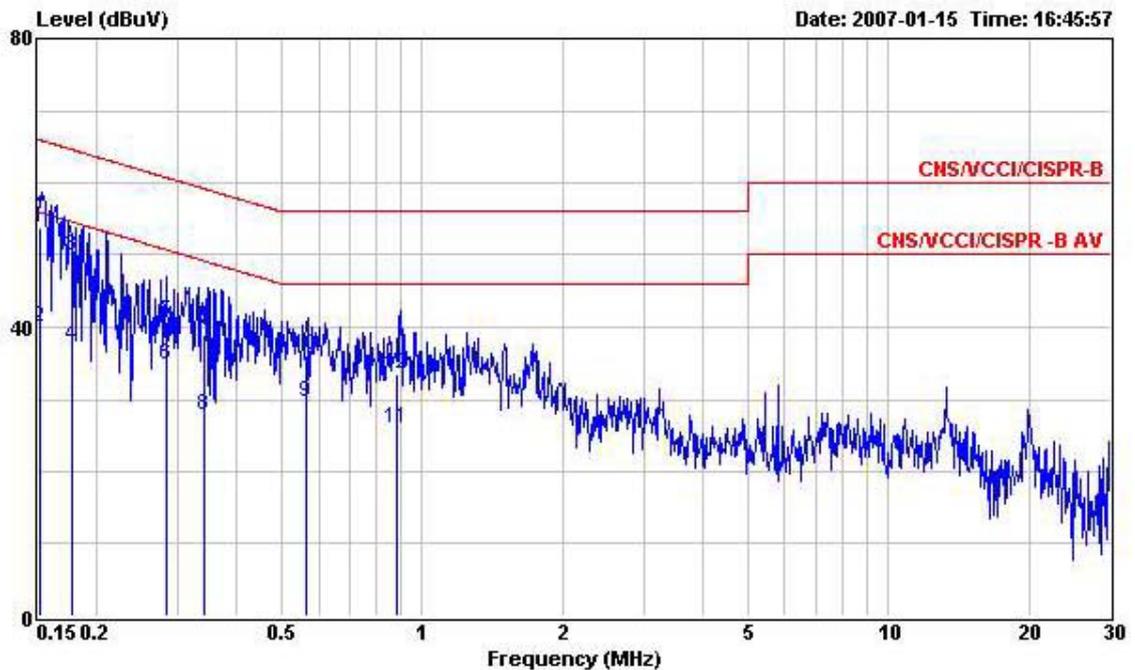
- Temperature : 26°C
- Relative Humidity : 59%
- Test Enginner : James
- Test Mode : Mode 4

The test that passed at minimum margin was marked by the frame in the following table.



Site : CO01-HY
 Condition : CNS/VCCI/CISPR-B 2001/004 200604 LINE
 EUT : GSM/GPRS/EDGE MOBILE PHONE
 Power : 120V/60Hz
 Model : FR711207
 Memo : GSM 850 IDLE+BT LINK+WLAN LINK
 Memo : +EARPHONE+CAMERA+USB LINK
 Memo :

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.154	51.36	-14.42	65.78	51.21	0.10	0.05	QP
2	0.154	38.82	-16.96	55.78	38.67	0.10	0.05	Average
3	0.191	44.10	-19.89	63.99	43.96	0.10	0.04	QP
4	0.191	34.75	-19.24	53.99	34.61	0.10	0.04	Average
5	0.255	37.86	-23.74	61.60	37.71	0.10	0.05	QP
6	0.255	31.93	-19.67	51.60	31.78	0.10	0.05	Average
7	0.307	38.40	-11.65	50.05	38.25	0.10	0.05	Average
8	0.307	41.76	-18.29	60.05	41.61	0.10	0.05	QP
9	0.385	26.35	-21.82	48.17	26.19	0.10	0.06	Average
10	0.385	37.53	-20.64	58.17	37.37	0.10	0.06	QP
11	0.567	28.18	-17.82	46.00	28.00	0.10	0.08	Average
12	0.567	35.64	-20.36	56.00	35.46	0.10	0.08	QP



Site : CO01-HY
 Condition : CNS/VCCI/CISPR-B 2001/004 200604 NEUTRAL
 EUT : GSM/GPRS/EDGE MOBILE PHONE
 Power : 120W/60Hz
 Model : FR711207
 Memo : GSM 850 IDLE+BT LINK+WLAN LINK
 Memo : +EARPHONE+CAMERA+USB LINK
 Memo :

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.152	53.89	-12.00	65.89	53.74	0.10	0.05	QP
2	0.152	40.02	-15.87	55.89	39.87	0.10	0.05	Average
3	0.177	49.99	-14.65	64.64	49.85	0.10	0.04	QP
4	0.177	37.41	-17.23	54.64	37.27	0.10	0.04	Average
5	0.283	40.68	-20.04	60.72	40.53	0.10	0.05	QP
6	0.283	34.79	-15.93	50.72	34.64	0.10	0.05	Average
7	0.342	38.85	-20.30	59.15	38.69	0.10	0.06	QP
8	0.342	27.82	-21.33	49.15	27.66	0.10	0.06	Average
9	0.566	29.71	-16.29	46.00	29.53	0.10	0.08	Average
10	0.566	36.15	-19.85	56.00	35.97	0.10	0.08	QP
11	0.881	25.85	-20.15	46.00	25.66	0.10	0.09	Average
12	0.881	33.63	-22.37	56.00	33.44	0.10	0.09	QP



5.11 Radiated Emission Measurement

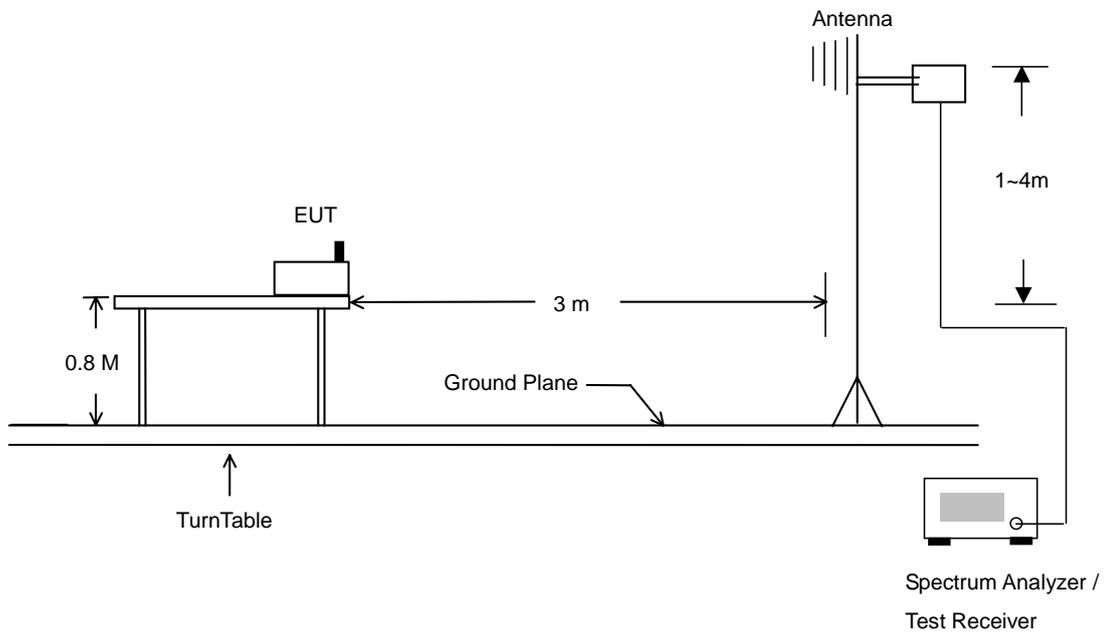
5.11.1 Measuring Instruments

As described in chapter 6 of this Report.

5.11.2 Test Procedures

- a. The EUT was placed on a rotatable table top 0.8 meter above ground.
- b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- c. The table was rotated 360 degrees to determine the position of the highest radiation.
- d. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- e. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- f. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- g. For testing below 1GHz, If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the quasi-peak method and reported.
- h. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

5.11.3 Typical Test Setup Layout of Radiated Emission

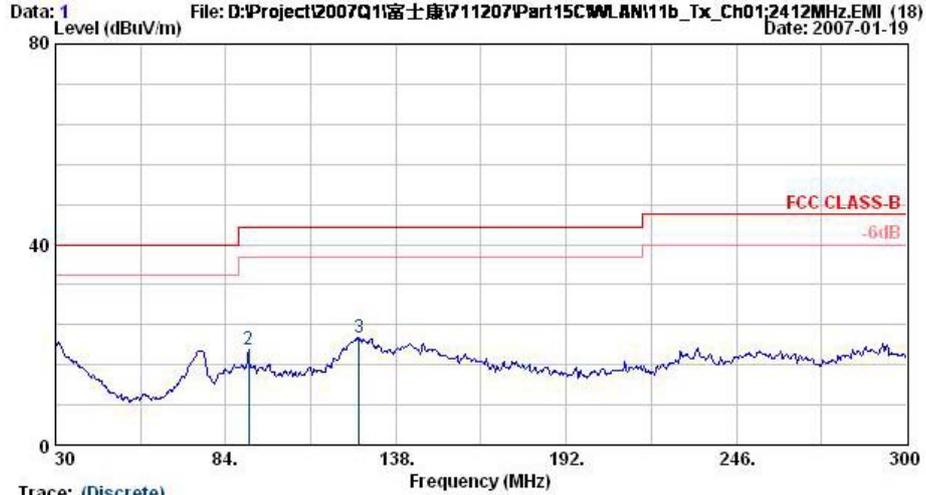




5.11.4 Test Data

- Temperature : 20.1°C
- Relative Humidity : 60%
- Test Enginner : Sam
- Test Mode : Mode 1
- Polarization : Horizontal

The test that passed at minimum margin was marked by the frame in the following table.



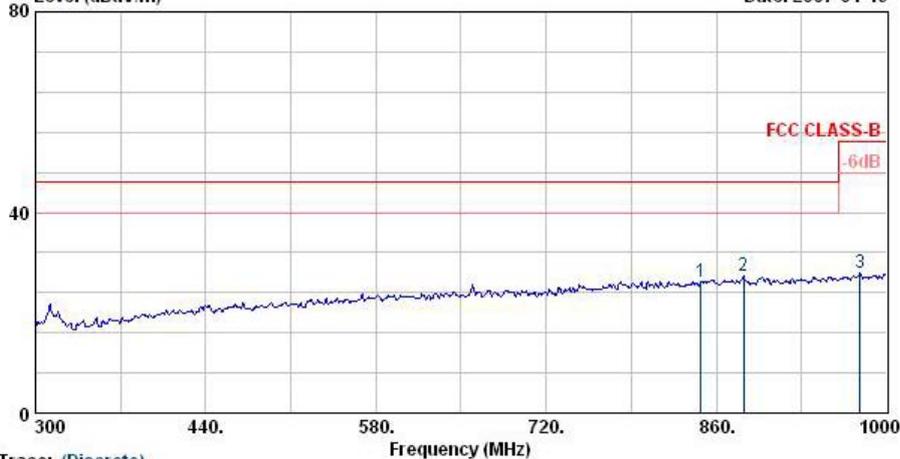
Trace: (Discrete)

Site : 06CH06-HY
 Condition : LP-ANT(951121) HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.0	20.81	-19.19	40.00	31.77	19.66	0.84	31.46	---	---	Peak
2	91.3	19.17	-24.33	43.50	39.74	9.23	1.33	31.12	---	---	Peak
3	126.4	21.52	-21.98	43.50	38.47	12.50	1.64	31.09	---	---	Peak



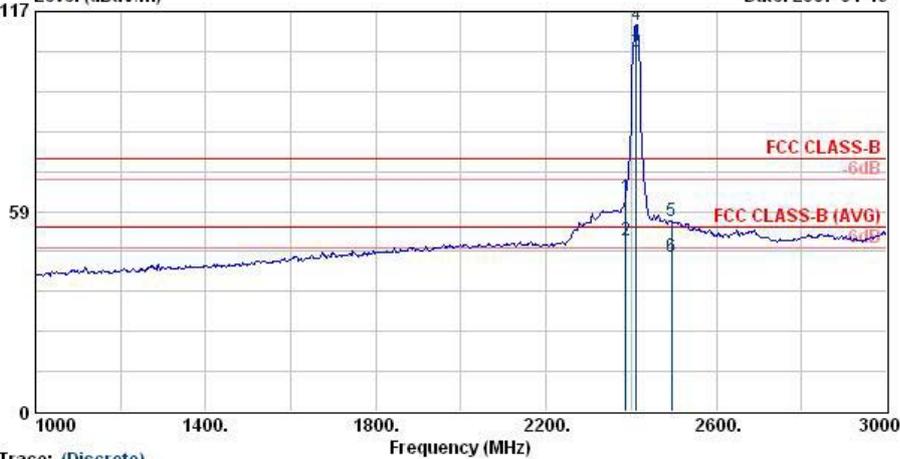
Data: 2 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01\2412MHz.EMI (18) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LP-ANT(951121) HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01_2412MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	847.4	26.28	-19.72	46.00	31.91	20.16	4.65	30.43	---	---	Peak
2	882.4	27.50	-18.50	46.00	32.73	20.41	4.76	30.39	100	51	Peak
3	978.3	27.92	-26.08	54.00	32.04	21.09	5.06	30.27	---	---	Peak

Data: 3 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01\2412MHz.EMI (18) Date: 2007-01-19



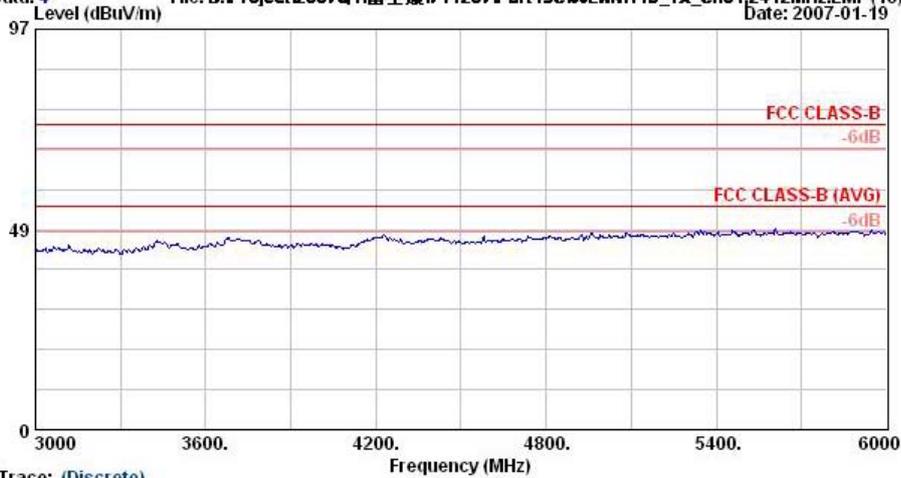
Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HP-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01_2412MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2387.8	62.58	-11.42	74.00	64.01	30.26	3.75	35.44	100	0	Peak
2 @	2387.8	50.19	-3.81	54.00	51.62	30.26	3.75	35.44	100	209	Average
3 @	2412.0	105.28			106.70	30.27	3.77	35.46	100	209	Average
4 @	2412.0	113.01			114.43	30.27	3.77	35.46	100	0	Peak
5	2494.0	55.77	-18.23	74.00	57.12	30.30	3.88	35.53	100	0	Peak
6 @	2494.0	45.15	-8.85	54.00	46.50	30.30	3.88	35.53	100	209	Average

Remark: #3 and #4 Fundamental Signal

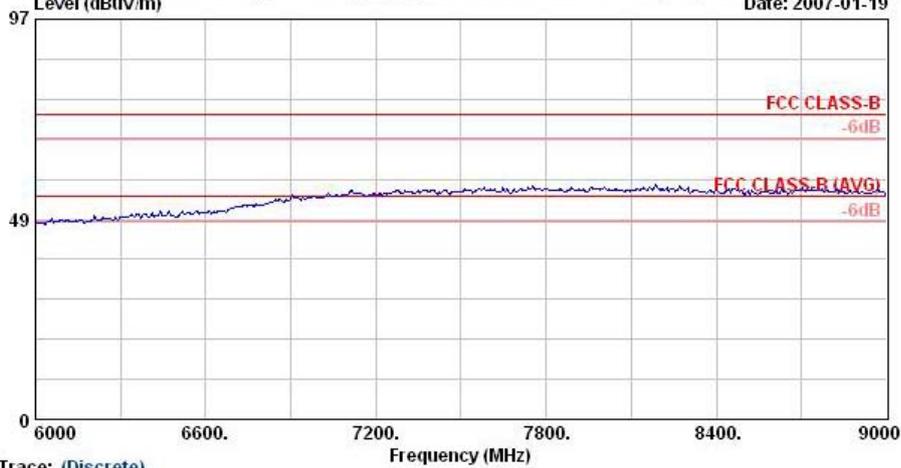


Data: 4 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01\2412MHz.EMI (18) Date: 2007-01-19



Trace: (Discrete)
Site : 08CH06-HY
Condition : HP-ANT-060410 HORIZONTAL
EUT : GSM/GPRS/EDGE Mobile Phone
Power : 120Vac/60Hz
Model : FR 711207
Mode : WLAN 11b_Tx_Ch01_2412MHz
Plane : E2
Data Rate : 11

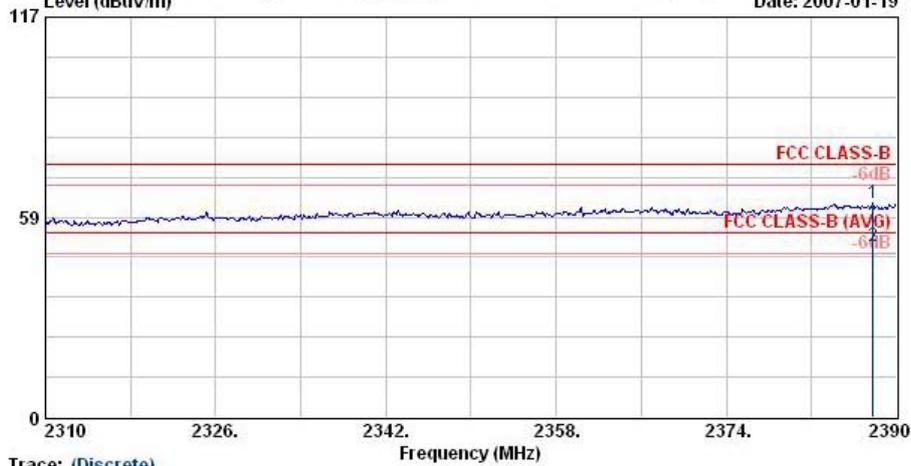
Data: 5 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01\2412MHz.EMI (18) Date: 2007-01-19



Trace: (Discrete)
Site : 08CH06-HY
Condition : HP-ANT-060410 HORIZONTAL
EUT : GSM/GPRS/EDGE Mobile Phone
Power : 120Vac/60Hz
Model : FR 711207
Mode : WLAN 11b_Tx_Ch01_2412MHz
Plane : E2
Data Rate : 11



Data: 17 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01\2412MHz.EMI (18)
 Level (dBuV/m) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/80Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01_2412MHz
 Plane : E2
 Data Rate : 11

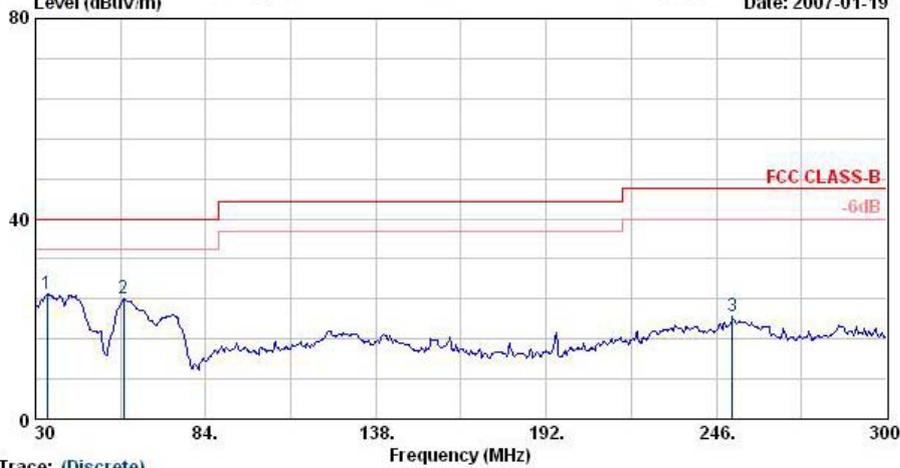
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2387.8	62.58	-11.42	74.00	64.01	30.26	3.75	35.44	100	0	Peak
2 @	2387.8	50.19	-3.81	54.00	51.62	30.26	3.75	35.44	100	209	Average



- Polarization : Vertical

The test that passed at minimum margin was marked by the frame in the following table.

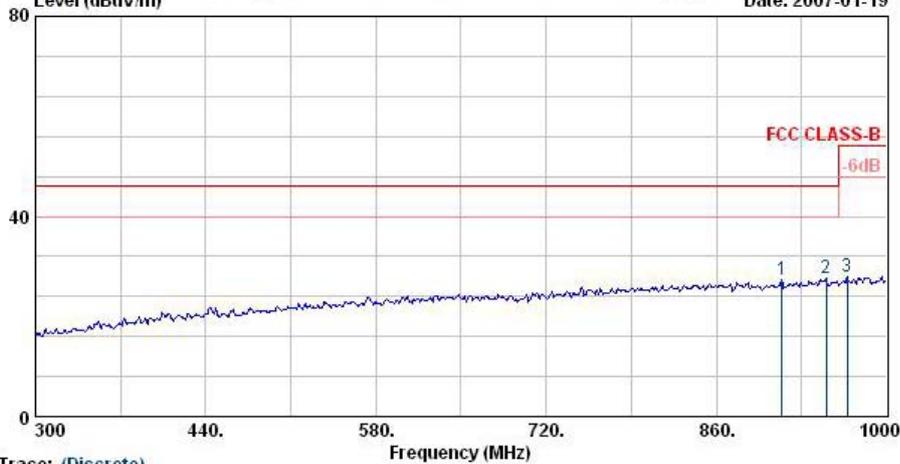
Data: 9 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01;2412MHz.EMI (18) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB	cm	deg
1	33.8	24.98	-15.02	40.00	38.60	16.84	0.87	31.32	100	48 Peak
2	58.1	23.97	-16.03	40.00	47.17	6.91	1.09	31.21	---	---
3	251.1	20.45	-25.55	46.00	36.65	12.29	2.43	30.92	---	---

Data: 10 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01;2412MHz.EMI (18) Date: 2007-01-19

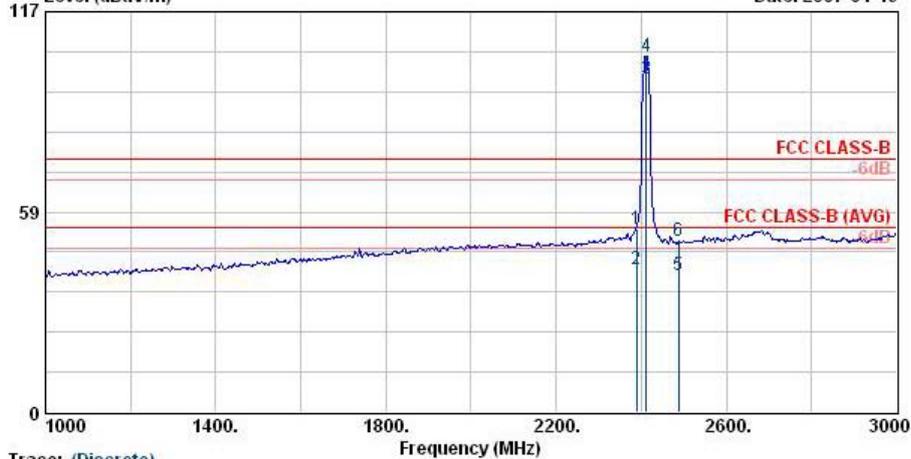


Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB	cm	deg
1	913.9	27.43	-18.57	46.00	32.29	20.63	4.86	30.34	---	---
2	950.3	27.55	-18.45	46.00	31.98	20.89	4.96	30.28	---	---
3	967.8	28.07	-25.93	54.00	32.31	21.01	5.03	30.28	---	---



Data: 11 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01:2412MHz.EMI (18)
 Level (dBuV/m) Date: 2007-01-19



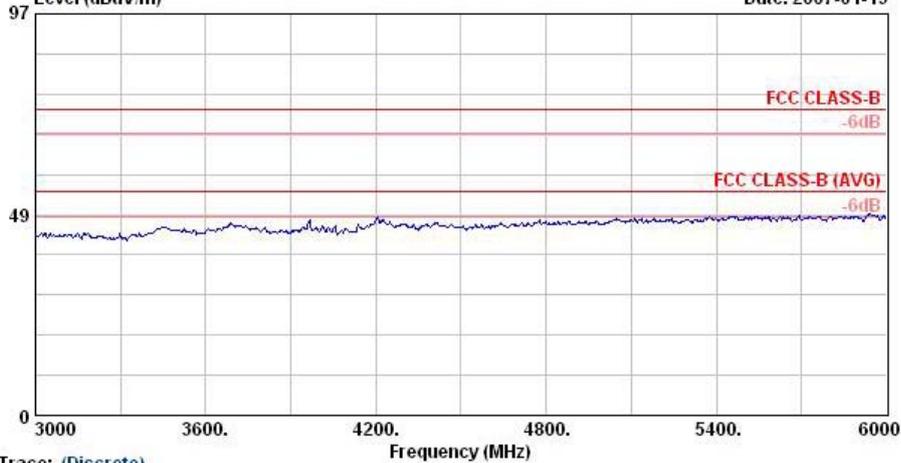
Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01:2412MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2389.4	53.44	-20.56	74.00	54.87	30.26	3.75	35.44	100	0	Peak
2 @	2389.4	41.75	-12.25	54.00	43.18	30.26	3.75	35.44	100	91	Average
3 @	2412.0	97.54			98.96	30.27	3.77	35.46	100	91	Average
4 @	2412.0	104.03			105.45	30.27	3.77	35.46	100	0	Peak
5	2488.0	39.87	-14.13	54.00	41.22	30.30	3.86	35.51	100	91	Average
6	2488.0	50.10	-23.90	74.00	51.45	30.30	3.86	35.51	100	0	Peak

Remark: #3 and #4 Fundamental Signal

Data: 12 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch01:2412MHz.EMI (18)
 Level (dBuV/m) Date: 2007-01-19

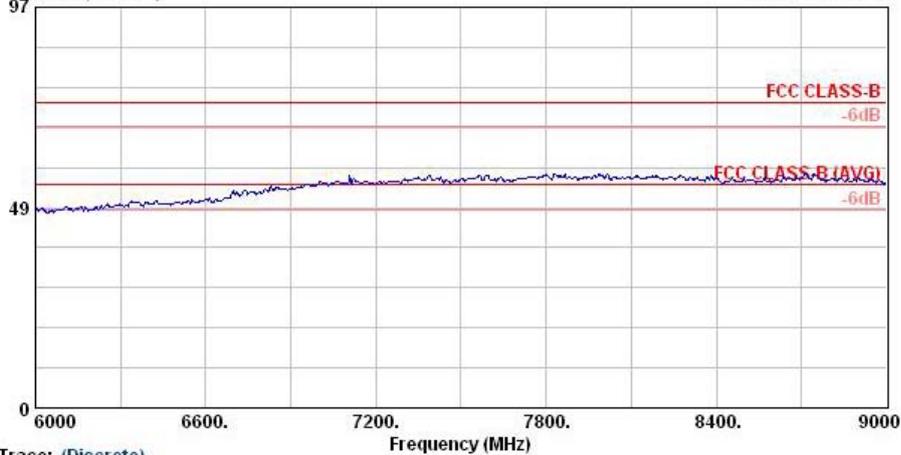


Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01:2412MHz
 Plane : E2
 Data Rate : 11

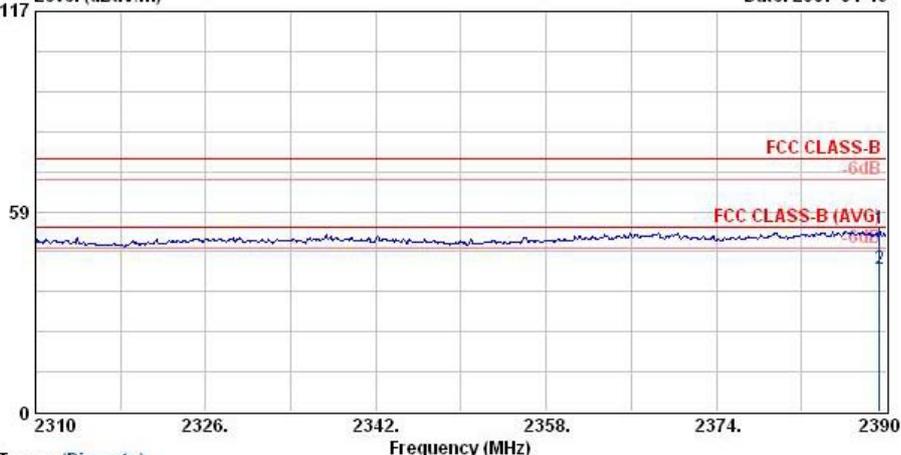


Data: 13 File: D:\Project\2007Q1\富士康\711207\Part15CWLAN\11b_Tx_Ch01;2412MHz.EMI (18) Level (dBuV/m) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 11

Data: 18 File: D:\Project\2007Q1\富士康\711207\Part15CWLAN\11b_Tx_Ch01;2412MHz.EMI (18) Level (dBuV/m) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Pos	Pos	Remark
					dBuV	dB/m	dB	dB	cm	deg	
1	2389.4	53.44	-20.56	74.00	54.87	30.26	3.75	35.44	100	0	Peak
2 @	2389.4	41.75	-12.25	54.00	43.18	30.26	3.75	35.44	100	91	Average

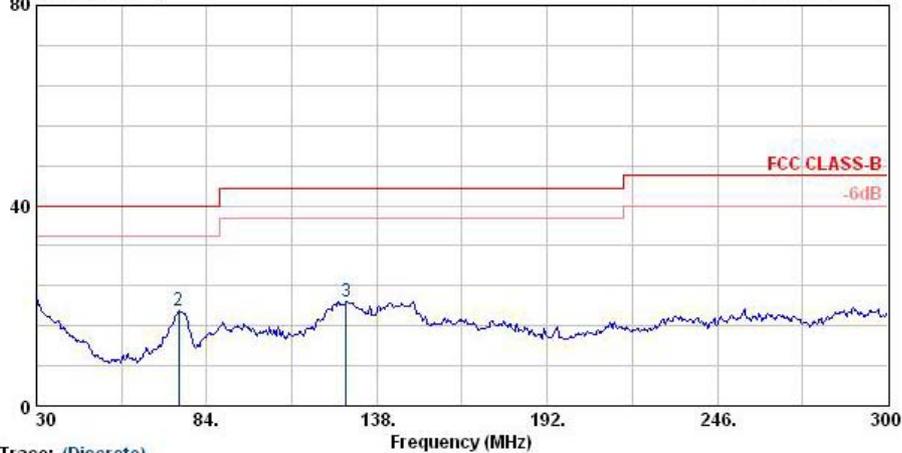
Remark: There is no more obvious spurious emission except the listings above.



- Test Mode : Mode 2
- Polarization : Horizontal

The test that passed at minimum margin was marked by the frame in the following table.

Data: 1 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch06\2437MHz.EMI (20) Date: 2007-01-19

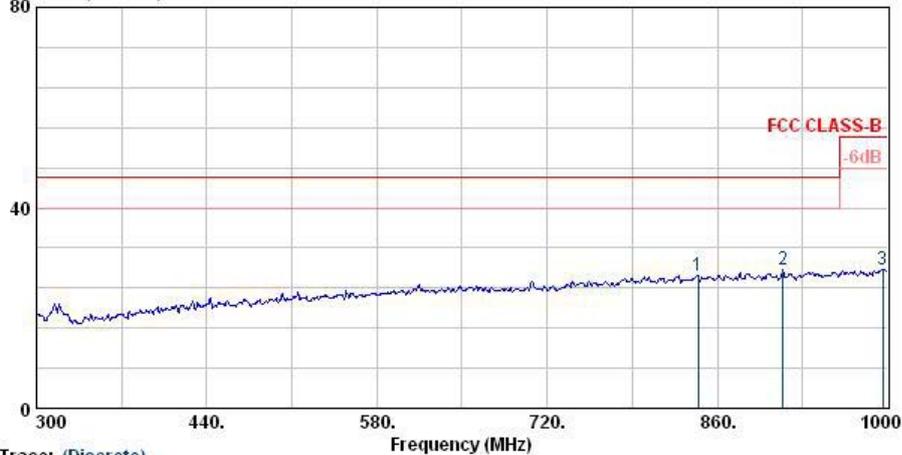


Trace: (Discrete)

Site : 08CH06-HY
 Condition : LP-ANT(951121) HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Wac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06\2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	30.0	21.72	-18.28	40.00	32.68	19.66	0.84	31.46	100	32	Peak
2	75.1	19.04	-20.96	40.00	41.71	7.18	1.32	31.16	---	---	Peak
3	128.3	20.96	-22.54	43.50	38.23	12.18	1.64	31.09	---	---	Peak

Data: 2 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch06\2437MHz.EMI (20) Date: 2007-01-19



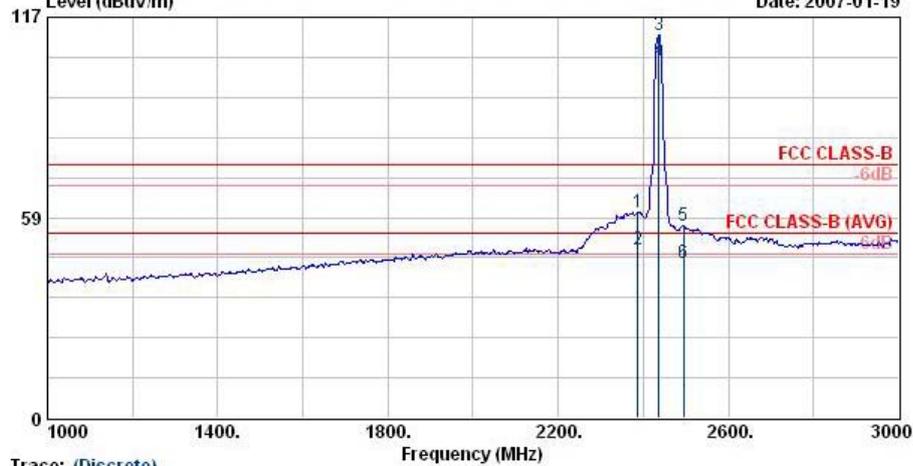
Trace: (Discrete)

Site : 08CH06-HY
 Condition : LP-ANT(951121) HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Wac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06\2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	843.9	26.51	-19.49	46.00	32.16	20.13	4.65	30.44	---	---	Peak
2	913.9	27.60	-18.40	46.00	32.46	20.63	4.86	30.34	---	---	Peak
3	995.8	27.70	-26.30	54.00	31.63	21.21	5.13	30.27	---	---	Peak



Data: 3 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN11b_Tx_Ch06;2437MHz.EMI (20) Date: 2007-01-19

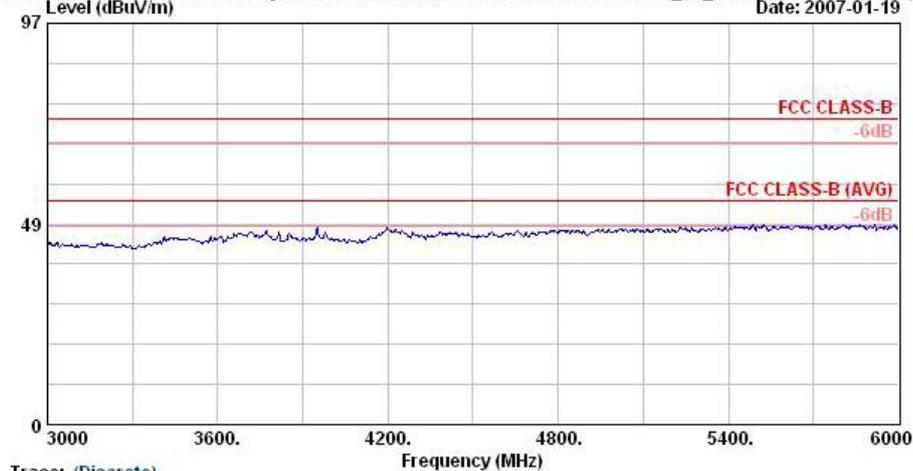


Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Wac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11

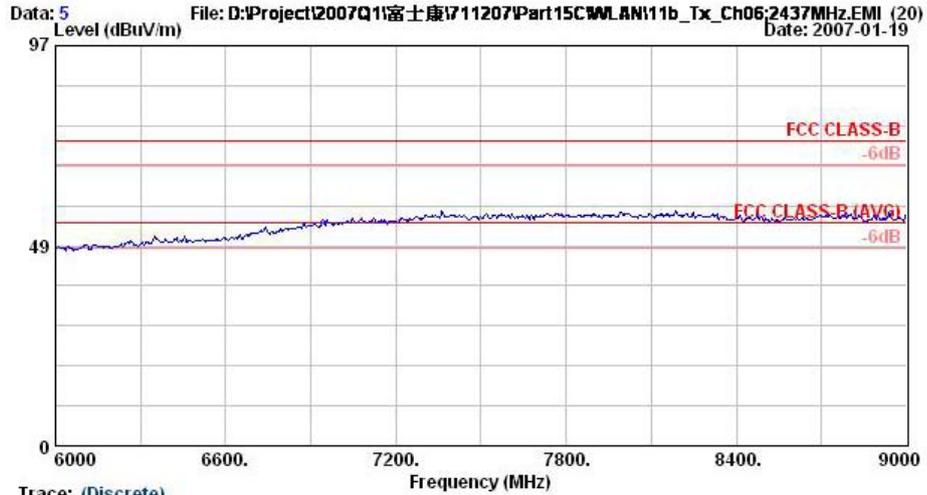
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2388.0	60.01	-13.99	74.00	61.44	30.26	3.75	35.44	100	0	Peak
2 @	2388.0	49.01	-4.99	54.00	50.44	30.26	3.75	35.44	100	210	Average
3 @	2437.0	111.77			113.18	30.27	3.79	35.47	100	0	Peak
4 @	2437.0	104.42			105.80	30.28	3.82	35.47	100	210	Average
5 @	2494.0	56.23	-17.77	74.00	57.57	30.30	3.88	35.53	100	0	Peak
6 @	2494.0	45.16	-8.84	54.00	46.51	30.30	3.88	35.53	100	210	Average

Remark: #3 and #4 Fundamental Signal

Data: 4 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN11b_Tx_Ch06;2437MHz.EMI (20) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Wac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11



Trace: (Discrete)

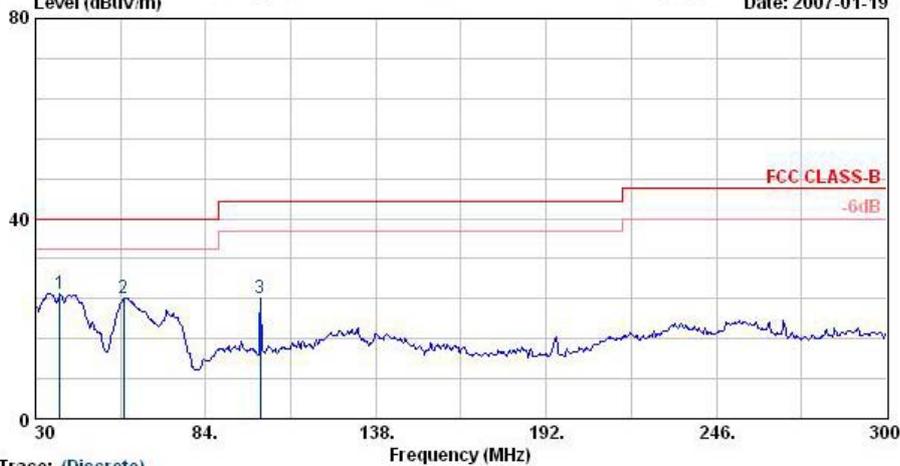
Site : 08CH06-HY
Condition : HF-ANT-060410 HORIZONTAL
EUT : GSM/GPRS/EDGE Mobile Phone
Power : 120Wac/60Hz
Model : FR 711207
Mode : WLAN 11b_Tx_Ch06;2437MHz
Plane : E2
Data Rate : 11



- Polarization : Vertical

The test that passed at minimum margin was marked by the frame in the following table.

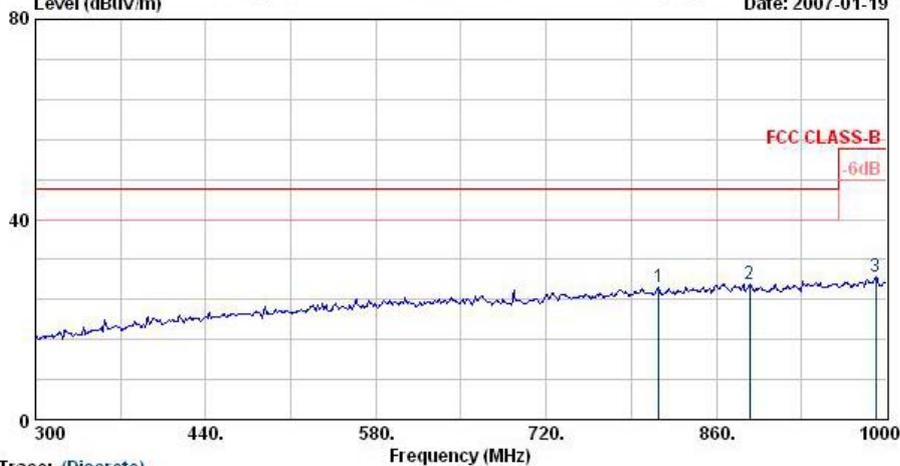
Data: 11 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch06;2437MHz.EMI (20) Date: 2007-01-19



Site : 08CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120V_{ac}/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	37.8	25.08	-14.92	40.00	40.86	14.56	0.90	31.24	100	325 Peak
2 @	58.1	24.07	-15.93	40.00	47.28	6.91	1.09	31.21	---	---
3	101.3	24.09	-19.41	43.50	42.75	11.07	1.42	31.15	---	---

Data: 12 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch06;2437MHz.EMI (20) Date: 2007-01-19

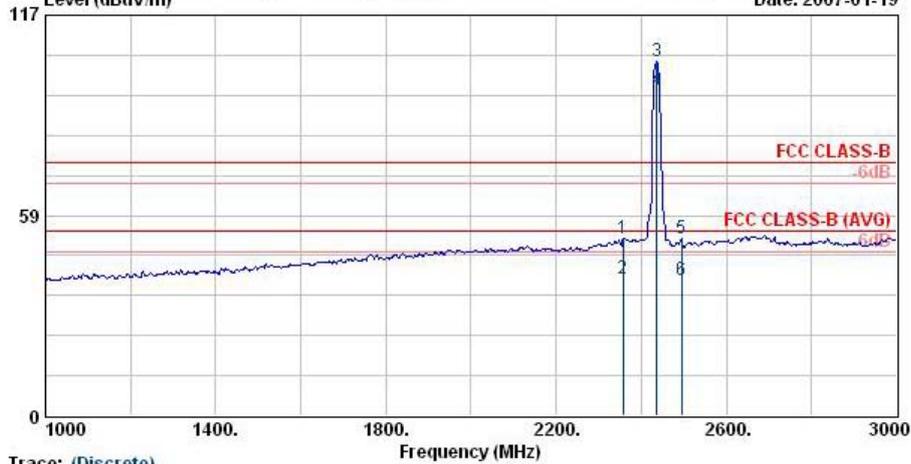


Site : 08CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120V_{ac}/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	812.4	26.56	-19.44	46.00	32.49	19.91	4.64	30.47	---	---
2	887.3	27.21	-18.79	46.00	32.38	20.44	4.78	30.39	---	---
3	990.9	28.49	-25.51	54.00	32.47	21.18	5.11	30.27	---	---



Data: 13 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch06;2437MHz.EMI (20) Level (dBuV/m) Date: 2007-01-19



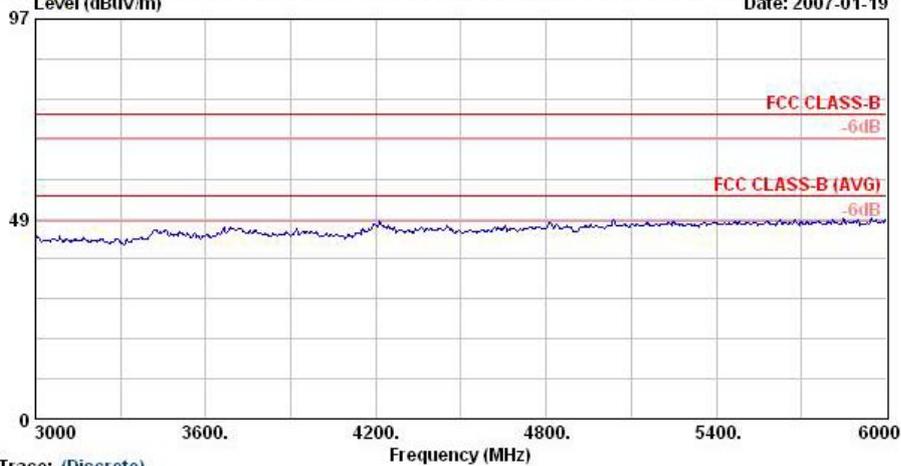
Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	Remark
1	2358.0	51.94	-22.06	74.00	53.41	30.24	3.71	35.42	100	0	Peak
2 @	2358.0	40.08	-13.92	54.00	41.55	30.24	3.71	35.42	100	88	Average
3 @	2437.0	103.45			104.86	30.27	3.79	35.47	100	0	Peak
4 @	2437.0	95.19			96.57	30.28	3.82	35.47	100	88	Average
5	2494.0	51.58	-22.42	74.00	52.92	30.30	3.88	35.53	100	0	Peak
6 @	2494.0	39.75	-14.25	54.00	41.13	30.28	3.82	35.47	100	88	Average

Remark: #3 and #4 Fundamental Signal

Data: 14 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch06;2437MHz.EMI (20) Level (dBuV/m) Date: 2007-01-19

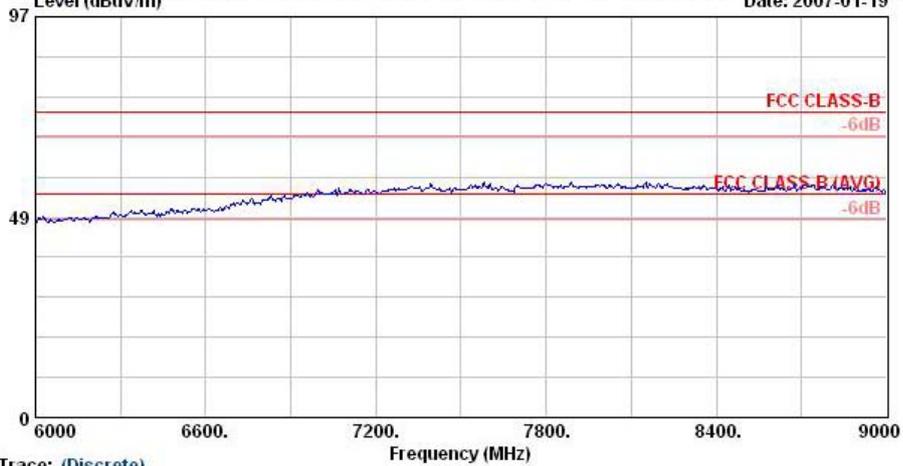


Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11



Data: 15 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch06;2437MHz.EMI (20) Level (dBuV/m) Date: 2007-01-19



Trace: (Discrete)
Site : 08CH06-HY
Condition : HF-ANT-060410 VERTICAL
EUT : GSM/GPRS/EDGE Mobile Phone
Power : 120Vac/60Hz
Model : FR 711207
Mode : WLAN 11b_Tx_Ch06;2437MHz
Plane : E2
Data Rate : 11

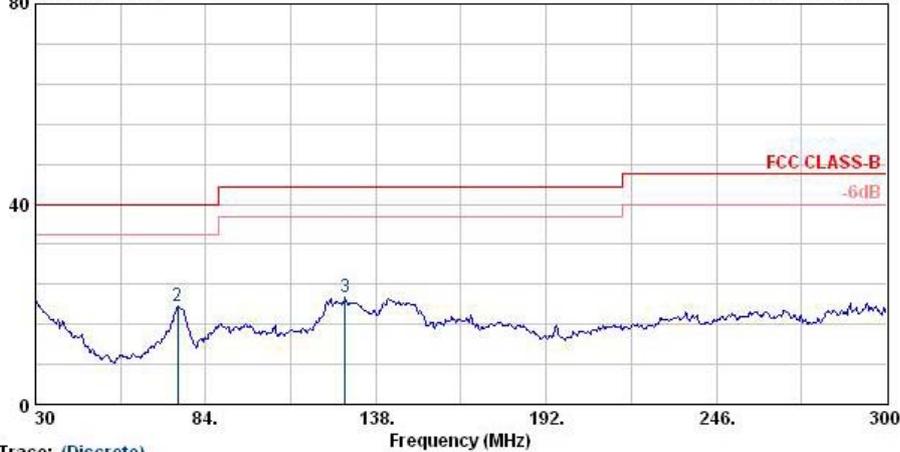
Remark: There is no more obvious spurious emission except the listings above.



- Test Mode : Mode 3
- Polarization : Horizontal

The test that passed at minimum margin was marked by the frame in the following table.

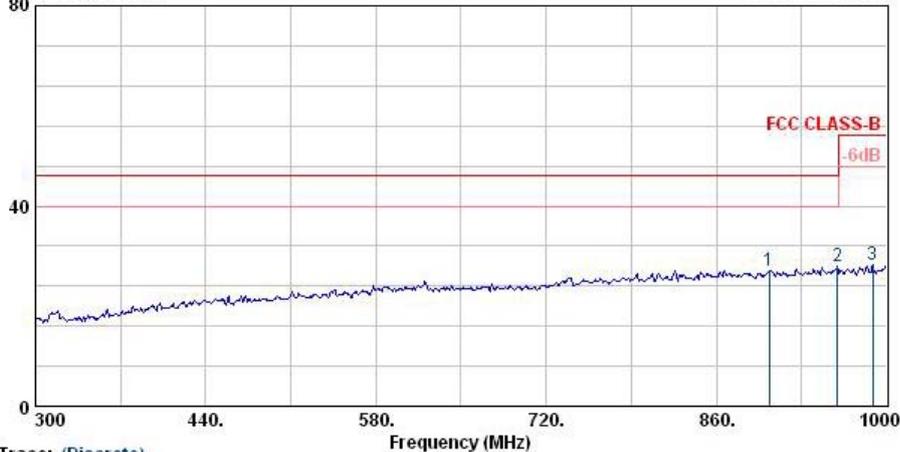
Data: 1 File: D:\Project\2007Q1\富士康\711207\Part15CWLAN\11b_Tx_Ch11;2462MHz.EMI (18) Date: 2007-01-19



Site : 08CH06-HY
 Condition : LP-ANT(Y51121) HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch11,2462MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.0	20.80	-19.20	40.00	31.76	19.66	0.84	31.46	---	---	Peak
2	75.1	19.54	-20.46	40.00	42.21	7.18	1.32	31.16	---	---	Peak
3	128.3	21.38	-22.12	43.50	38.65	12.18	1.64	31.09	---	---	Peak

Data: 2 File: D:\Project\2007Q1\富士康\711207\Part15CWLAN\11b_Tx_Ch11;2462MHz.EMI (18) Date: 2007-01-19

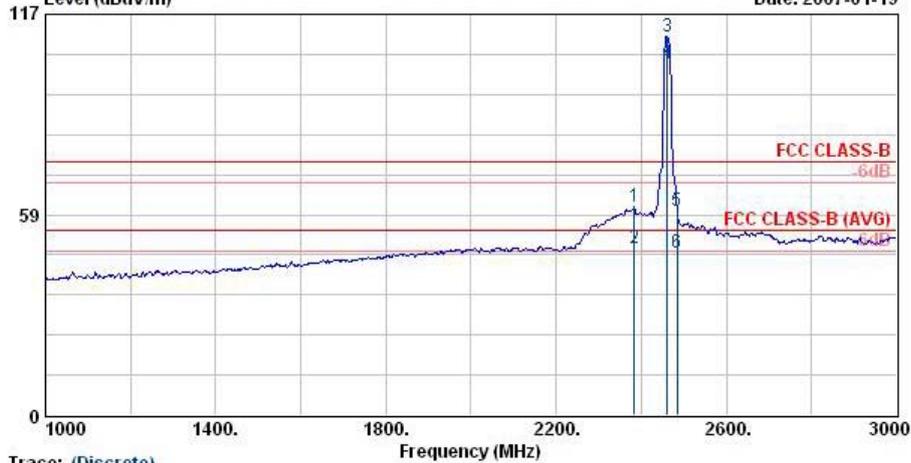


Site : 08CH06-HY
 Condition : LP-ANT(Y51121) HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch11,2462MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	903.4	27.16	-18.84	46.00	32.15	20.55	4.83	30.36	---	---	Peak
2	959.4	28.07	-17.93	46.00	32.40	20.95	4.99	30.28	100	213	Peak
3	988.8	28.16	-25.84	54.00	32.17	21.16	5.10	30.27	---	---	Peak



Data: 3 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch11\2462MHz.EMI (18) Level (dBuV/m) Date: 2007-01-19



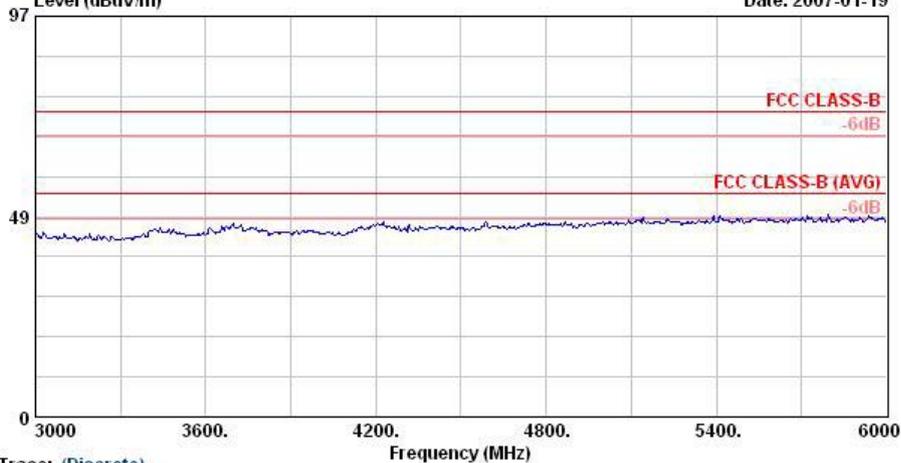
Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06,2462MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2384.0	60.95	-13.05	74.00	62.38	30.25	3.75	35.44	---	---	Peak
2 @	2384.0	48.88	-5.12	54.00	50.32	30.25	3.75	35.44	100	204	Average
3 @	2462.0	110.53			111.90	30.29	3.84	35.49	100	0	Peak
4 @	2462.0	102.63			104.00	30.29	3.84	35.49	100	204	Average
5	2483.8	59.39	-14.61	74.00	60.75	30.29	3.86	35.51	100	0	Peak
6 @	2483.8	47.51	-6.49	54.00	48.87	30.29	3.86	35.51	100	204	Average

Remark: #3 and #4 Fundamental Signal

Data: 4 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch11\2462MHz.EMI (18) Level (dBuV/m) Date: 2007-01-19

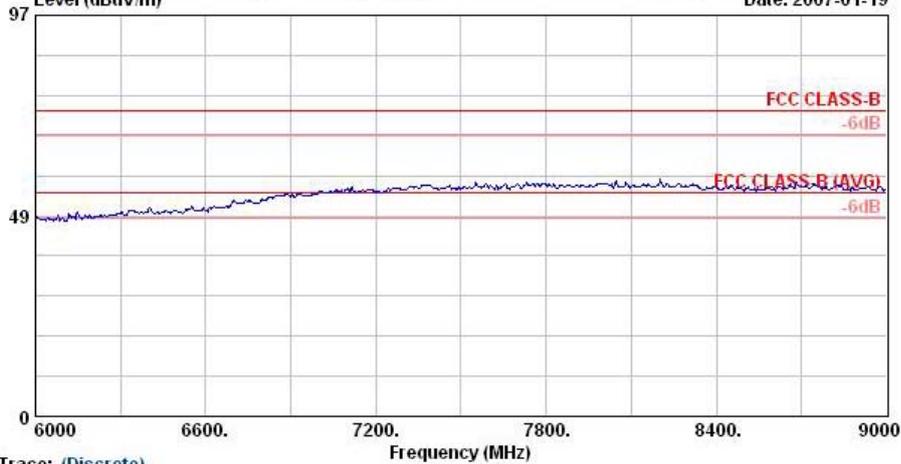


Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch11,2462MHz
 Plane : E2
 Data Rate : 11

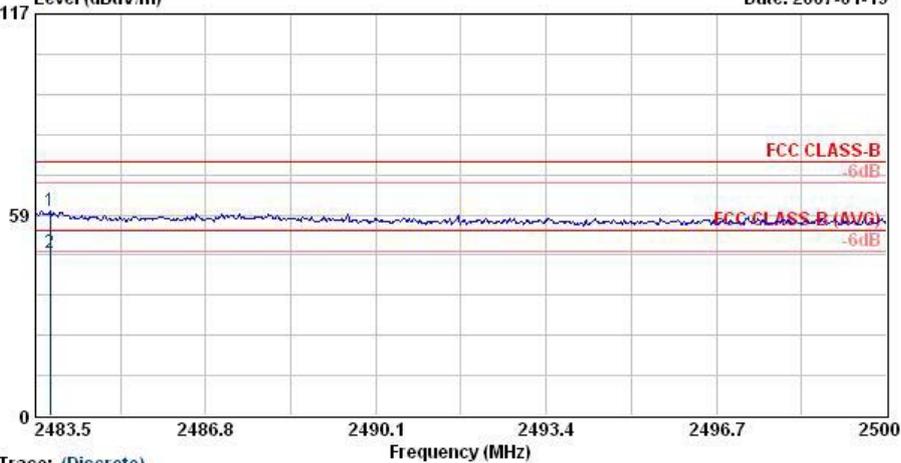


Data: 5 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch11;2462MHz.EMI (18) Level (dBuV/m) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 11

Data: 17 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch11;2462MHz.EMI (18) Level (dBuV/m) Date: 2007-01-19



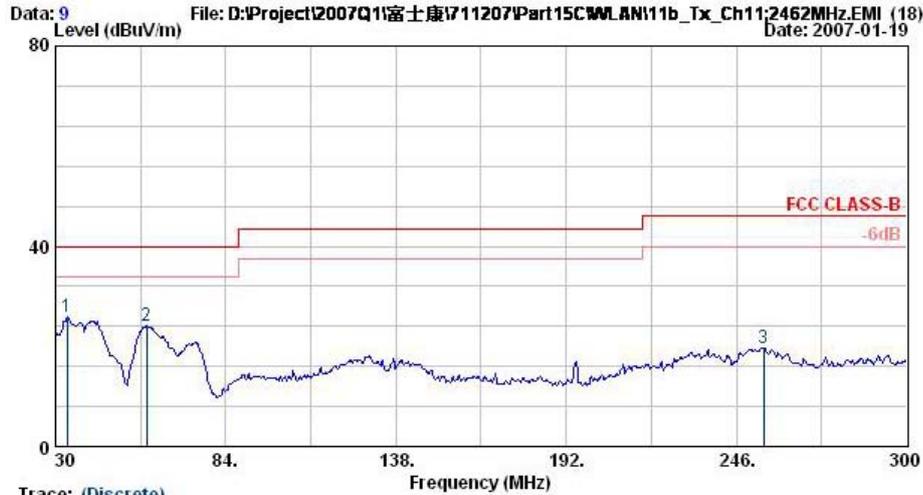
Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2462MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2483.8	59.39	-14.61	74.00	60.75	30.29	3.86	35.51	100	0	Peak
2 @	2483.8	47.51	-6.49	54.00	48.87	30.29	3.86	35.51	100	204	Average



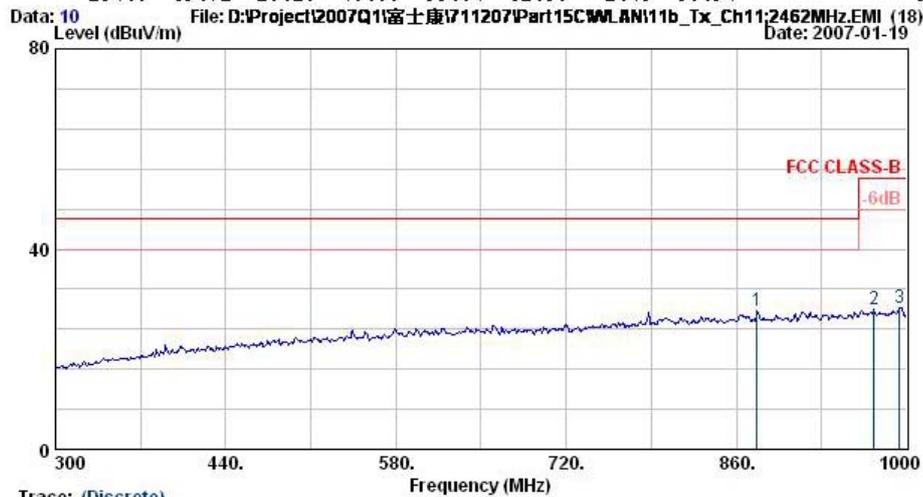
- Polarization : Vertical

The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LP-ANT951121 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch11,2462MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	33.8	25.92	-14.08	40.00	39.54	16.84	0.87	31.32	100	175	Peak
2	58.9	24.04	-15.96	40.00	47.40	6.77	1.11	31.23	---	---	Peak
3	254.6	19.72	-26.28	46.00	35.84	12.36	2.45	30.94	---	---	Peak

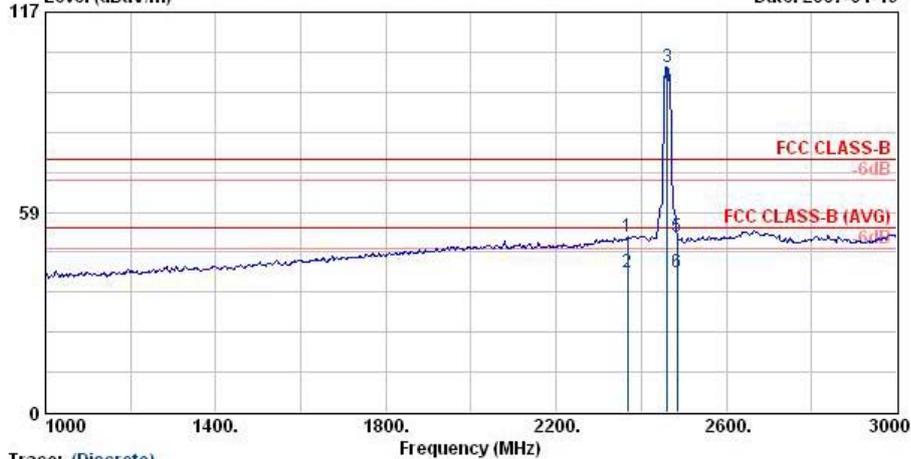


Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LP-ANT951121 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch11,2462MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	876.8	27.72	-18.28	46.00	33.02	20.36	4.74	30.40	---	---	Peak
2	973.4	28.08	-25.92	54.00	32.26	21.05	5.05	30.28	---	---	Peak
3	994.4	28.37	-25.63	54.00	32.33	21.20	5.12	30.27	---	---	Peak



Data: 11 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch11\2462MHz.EMI (18) Date: 2007-01-19



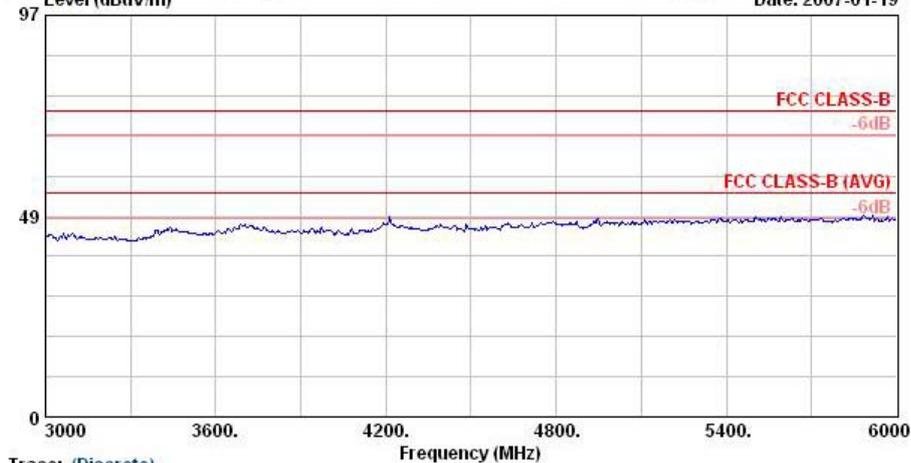
Trace: (Discrete)

Site : 03CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120V_{ac}/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2462MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2368.0	51.30	-22.70	74.00	52.76	30.24	3.73	35.44	100	0	Peak
2 @	2368.0	40.99	-13.01	54.00	42.45	30.24	3.73	35.44	100	258	Average
3 @	2462.0	100.86			102.23	30.29	3.84	35.49	100	0	Peak
4 @	2462.0	95.32			96.69	30.29	3.84	35.49	100	258	Average
5	2483.5	51.26	-22.74	74.00	52.62	30.29	3.86	35.51	100	0	Peak
6 @	2483.5	40.72	-13.28	54.00	42.08	30.29	3.86	35.51	100	258	Average

Remark: #3 and #4 Fundamental Signal

Data: 12 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN\11b_Tx_Ch11\2462MHz.EMI (18) Date: 2007-01-19

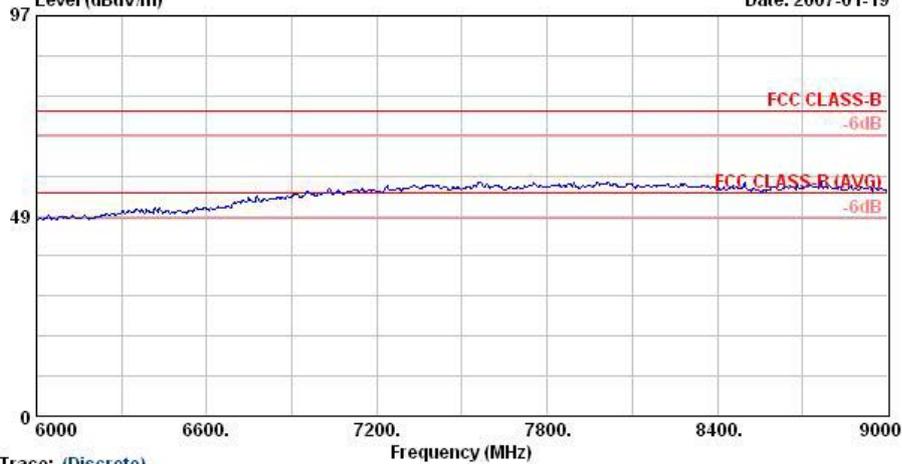


Trace: (Discrete)

Site : 03CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120V_{ac}/60Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 11

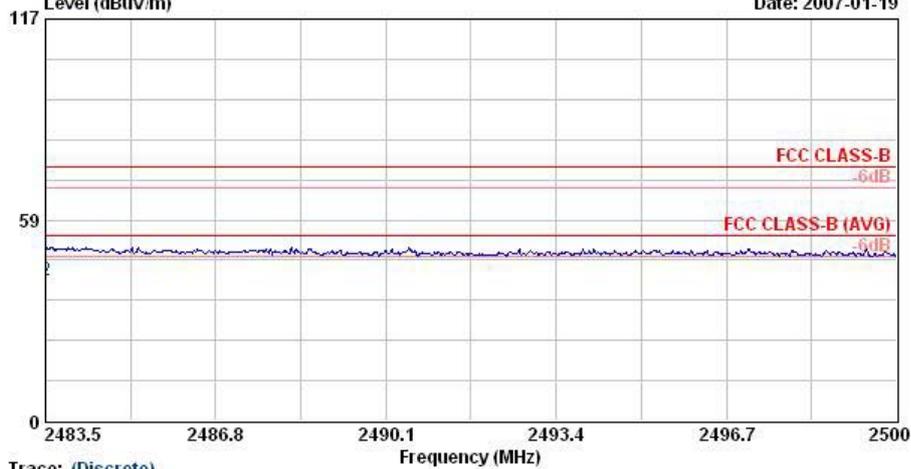


Data: 13 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN11b_Tx_Ch11;2462MHz.EMI (18) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/50Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 11

Data: 18 File: D:\Project\2007Q1\富士康\711207\Part15C\WLAN11b_Tx_Ch11;2462MHz.EMI (18) Date: 2007-01-19



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/50Hz
 Model : FR 711207
 Mode : WLAN 11b_Tx_Ch06;2462MHz
 Plane : E2
 Data Rate : 11

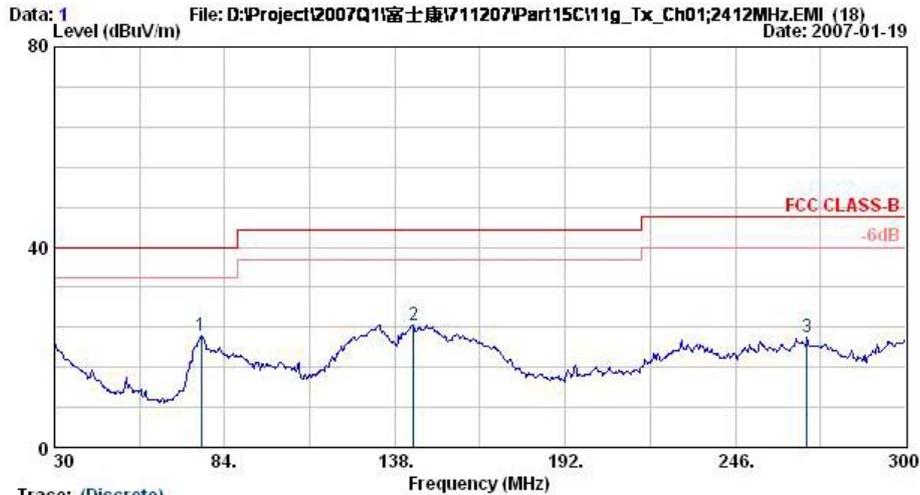
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp	Table	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2483.5	51.26	-22.74	74.00	52.62	30.29	3.86	35.51	100	0 Peak
2 @	2483.5	40.72	-13.28	54.00	42.08	30.29	3.86	35.51	100	258 Average

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



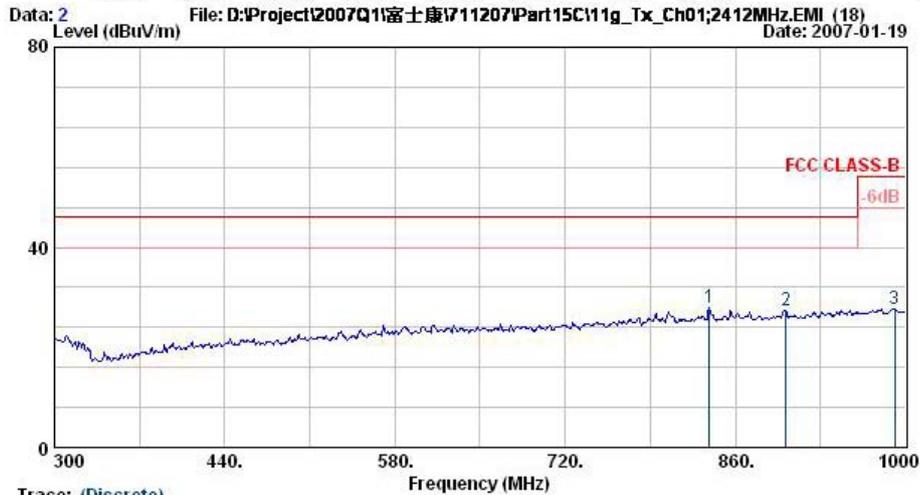
- Test Mode : Mode 4
- Polarization : Horizontal

The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 12V_{ac}/60Hz
 Model : FR 711207
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	76.4	22.26	-17.74	40.00	44.79	7.29	1.31	31.13	100	61	Peak
2	143.9	24.39	-19.11	43.50	43.36	10.30	1.77	31.05	---	---	Peak
3	268.7	21.87	-24.13	46.00	37.69	12.62	2.52	30.96	---	---	Peak

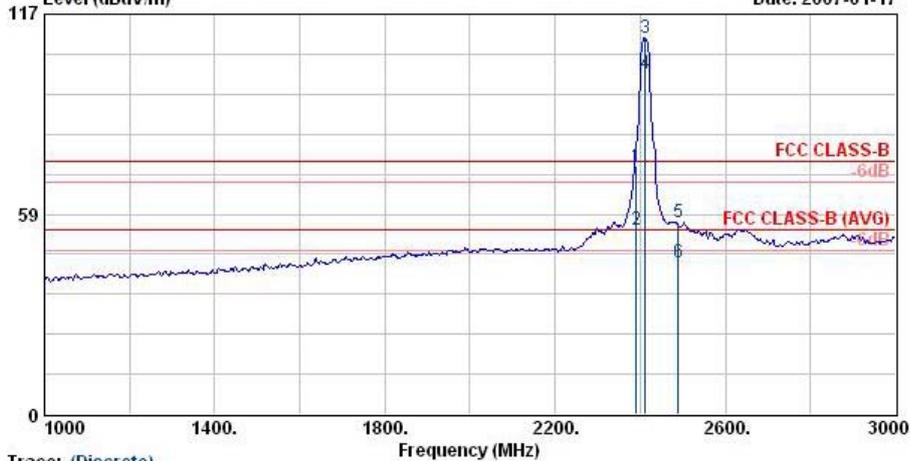


Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 12V_{ac}/60Hz
 Model : FR 711207
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	838.3	27.84	-18.16	46.00	33.55	20.09	4.65	30.44	---	---	Peak
2	901.3	27.44	-18.56	46.00	32.45	20.54	4.82	30.37	---	---	Peak
3	990.9	27.62	-26.38	54.00	31.61	21.18	5.11	30.27	---	---	Peak



Data: 3 File: D:\Project\2007Q1\富士康\711207\Part15C11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-01-17



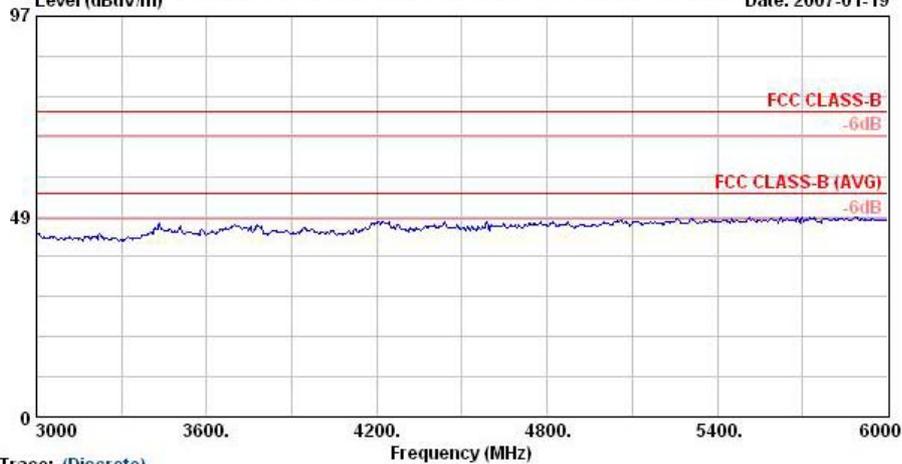
Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.0	72.57	-1.43	74.00	74.02	30.26	3.75	35.46	100	0	Peak
2 @	2390.0	53.77	-0.23	54.00	55.22	30.26	3.75	35.46	100	329	Average
3 @	2412.0	109.98			111.40	30.27	3.77	35.46	100	0	Peak
4 @	2412.0	99.68			101.10	30.27	3.77	35.46	100	329	Average
5	2489.0	56.15	-17.85	74.00	57.51	30.29	3.86	35.51	100	0	Peak
6 @	2489.9	44.34	-9.66	54.00	45.69	30.30	3.86	35.51	100	329	Average

Remark: #3 and #4 Fundamental Signal

Data: 4 File: D:\Project\2007Q1\富士康\711207\Part15C11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-01-19

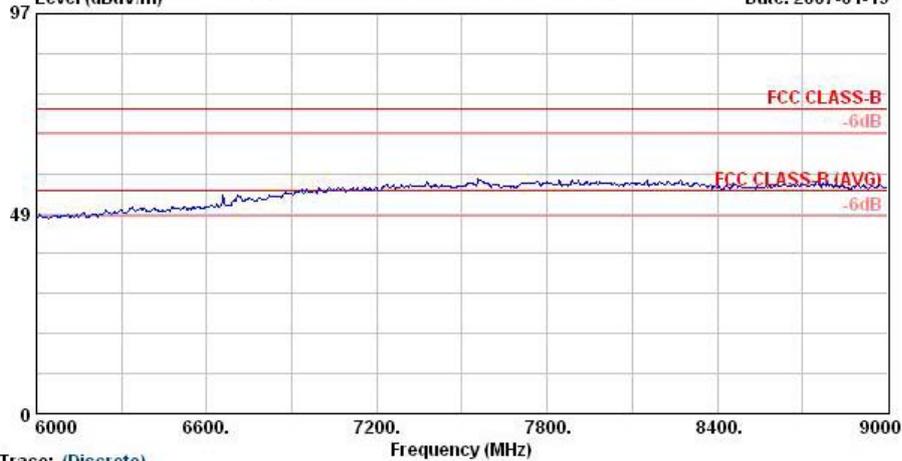


Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

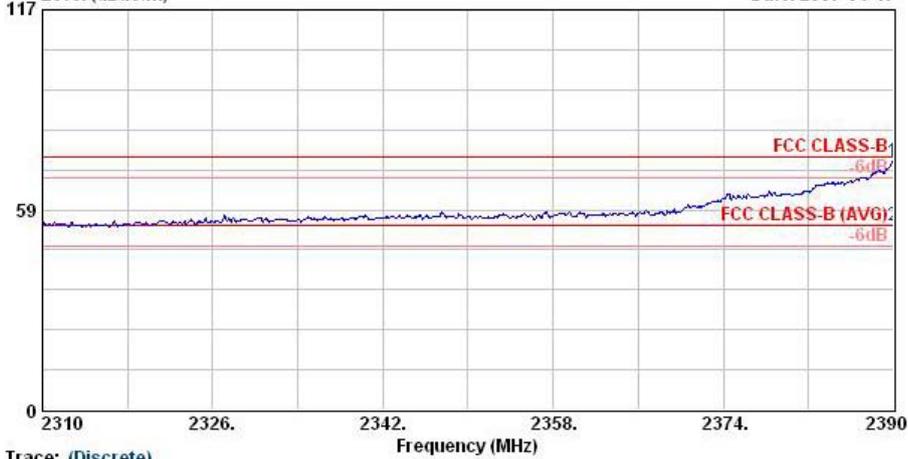


Data: 5 File: D:\Project\2007Q1\富士康\711207\Part15C\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-01-19
 Level (dBuV/m)



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HP-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

Data: 17 File: D:\Project\2007Q1\富士康\711207\Part15C\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-01-17
 Level (dBuV/m)



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HP-ANT-060410 HORIZONTAL
 EUT : GSM/GPRS/EDGE Mobile Phone
 Power : 120Vac/60Hz
 Model : FR 711207
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.0	72.57	-1.43	74.00	74.02	30.26	3.75	35.46	100	0	Peak
2 @	2390.0	53.77	-0.23	54.00	55.22	30.26	3.75	35.46	100	329	Average