Compliance Test Report

For FCC Part 15.247 Certification

Product Name	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Model No.	:	RM-383
FCC ID.	:	QMNRM-383
Max. Output Power	:	1.629 mW(2.12 dBm) Conducted (GFSK) 2.404 mW(3.81 dBm) Conducted (EDR)
Frequency Range	:	2402 – 2480 MHz (Bluetooth for US)
FCC Rule Part(s)	:	FCC CFR Title 47 Part 15 Subpart C
FCC Classification	:	FCC Part 15 Spread Spectrum Transmitter
Filing Type	:	Certification
Test Procedure	:	ANSI C63.4-2003

Applicant	:	Nokia Inc.
Address	:	12278 Scripps Summit Dr. San Diego CA 92131 USA

Date of Receipt	:	Mar. 01, 2008
Issued Date	:	Mar. 25, 2008
Report No.	:	083052R-RFUSP06V01
Report Version	:	V1.1

The Test Results relate only to the samples tested.
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This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Test Report Certification

Issued Date: Mar. 25, 2008
Report No.: 083052R-RFUSP06V01

Product Name	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Applicant	:	Nokia Inc.
Address	:	12278 Scripps Summit Dr. San Diego CA 92131 USA
Manufacturer	:	Foxconn International Holdings Limited.
Model No.	:	RM-383
FCC ID.	:	QMNRM-383
Rated Voltage	:	AC 100-240V/50-60Hz
EUT Voltage (Battery Type)	:	DC 3.7V(Standard Battery : BL-4C) DC 3.7V(Extended Battery : BL-6C)
Trade Name	:	Nokia
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C ANSI C63.4: 2003
Test Result	:	Complied

NVLAP Lab Code: 200533-0

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Documented By : Nicole Huang
(Engineering Adm. Assistant / Nicole Huang)

Tested By : Paddy Chen
(Senior Engineer / Paddy Chen)

Approved By :
(Deputy Manager /Vincent Lin)

History of Test Report

Date	Version	Description
Mar. 17, 2008	V1.0	The first version
Mar. 25, 2008	V1.1	Revised the FCC Registration Number

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Description Page

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Trade Name	:	Nokia
FCC ID.	:	QMNRM-383
Model No.	:	RM-383
FCC Classification	:	FCC Part 15 Spread Spectrum Transmitter(DSS)
Method/System	:	Frequency Hopping Spread Spectrum(FHSS)
Type of Modulation	:	GFSK(Normal) 8DPSK(EDR)
Frequency Range	:	2402 - 2480MHz
Channel Number	:	79
Antenna type	:	Fixed internal
Battery Type	:	Standard : BL-4C (DC 3.7V) Extended: BL-6C (DC 3.7V)
Power Adapter	:	MFR: NOKIA, M/N:AC-6U INPUT: AC 100-240V, 50-60Hz, 150mA OUTPUT: DC 5V, 550 mA Cable : Non-Shielded, 1.8m

Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 00:	2402 MHz	Channel 20:	2422 MHz	Channel 40:	2442 MHz	Channel 60:	2462 MHz
Channel 01:	2403 MHz	Channel 21:	2423 MHz	Channel 41:	2443 MHz	Channel 61:	2463 MHz
Channel 02:	2404 MHz	Channel 22:	2424 MHz	Channel 42:	2444 MHz	Channel 62:	2464 MHz
Channel 03:	2405 MHz	Channel 23:	2425 MHz	Channel 43:	2445 MHz	Channel 63:	2465 MHz
Channel 04:	2406 MHz	Channel 24:	2426 MHz	Channel 44:	2446 MHz	Channel 64:	2466 MHz
Channel 05:	2407 MHz	Channel 25:	2427 MHz	Channel 45:	2447 MHz	Channel 65:	2467 MHz
Channel 06:	2408 MHz	Channel 26:	2428 MHz	Channel 46:	2448 MHz	Channel 66:	2468 MHz
Channel 07:	2409 MHz	Channel 27:	2429 MHz	Channel 47:	2449 MHz	Channel 67:	2469 MHz
Channel 08:	2410 MHz	Channel 28:	2430 MHz	Channel 48:	2450 MHz	Channel 68:	2470 MHz
Channel 09:	2411 MHz	Channel 29:	2431 MHz	Channel 49:	2451 MHz	Channel 69:	2471 MHz
Channel 10:	2412 MHz	Channel 30:	2432 MHz	Channel 50:	2452 MHz	Channel 70:	2472 MHz
Channel 11:	2413 MHz	Channel 31:	2433 MHz	Channel 51:	2453 MHz	Channel 71:	2473 MHz
Channel 12:	2414 MHz	Channel 32:	2434 MHz	Channel 52:	2454 MHz	Channel 72:	2474 MHz
Channel 13:	2415 MHz	Channel 33:	2435 MHz	Channel 53:	2455 MHz	Channel 73:	2475 MHz
Channel 14:	2416 MHz	Channel 34:	2436 MHz	Channel 54:	2456 MHz	Channel 74:	2476 MHz
Channel 15:	2417 MHz	Channel 35:	2437 MHz	Channel 55:	2457 MHz	Channel 75:	2477 MHz
Channel 16:	2418 MHz	Channel 36:	2438 MHz	Channel 56:	2458 MHz	Channel 76:	2478 MHz
Channel 17:	2419 MHz	Channel 37:	2439 MHz	Channel 57:	2459 MHz	Channel 77:	2479 MHz
Channel 18:	2420 MHz	Channel 38:	2440 MHz	Channel 58:	2460 MHz	Channel 78:	2480 MHz
Channel 19:	2421 MHz	Channel 39:	2441 MHz	Channel 59:	2461 MHz		

Note:

1. This device is a Cellular PCS CDMA Phone with a built-in 2.4GHz Bluetooth 2.0+EDR(Enhanced Data Rate) transceiver.
2. These tests were conducted on a sample for the purpose of demonstrating compliance of bluetooth transmitter with Part 15 Subpart C(paragraph 15.247) for frequency hopping spread spectrum devices.
3. Regarding to the operation frequency, the lowest, the middle and the highest frequency channels are selected for testing.

1.2. Operational Description

The EUT is a Cellular PCS CDMA Phone with a built-in 2.4GHz Bluetooth 2.0+EDR (Enhanced Data Rate) transceiver. The number of the channels is 79 from 2402MHz to 2480MHz. The device adapts the frequency hopping spread spectrum modulation.

This device provides wireless technology that revolutionizes personal connectivity. It is the solution for the seamless integration of Bluetooth technology into personal computer enabling short-range wireless connections between desktop/laptop computers, Bluetooth-enabled peripherals, and portable handheld devices.

Test Mode	Mode 1: Transmitter 1Mbps (GFSK) Mode 2: Transmitter 3Mbps EDR

1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

	Product	Manufacturer	Model No.	Serial No.	Power Cord
1.	N/A	N/A	N/A	N/A	N/A

Signal Cable Type		Signal cable Description
A.	N/A	N/A

1.4. Configuration of Tested System

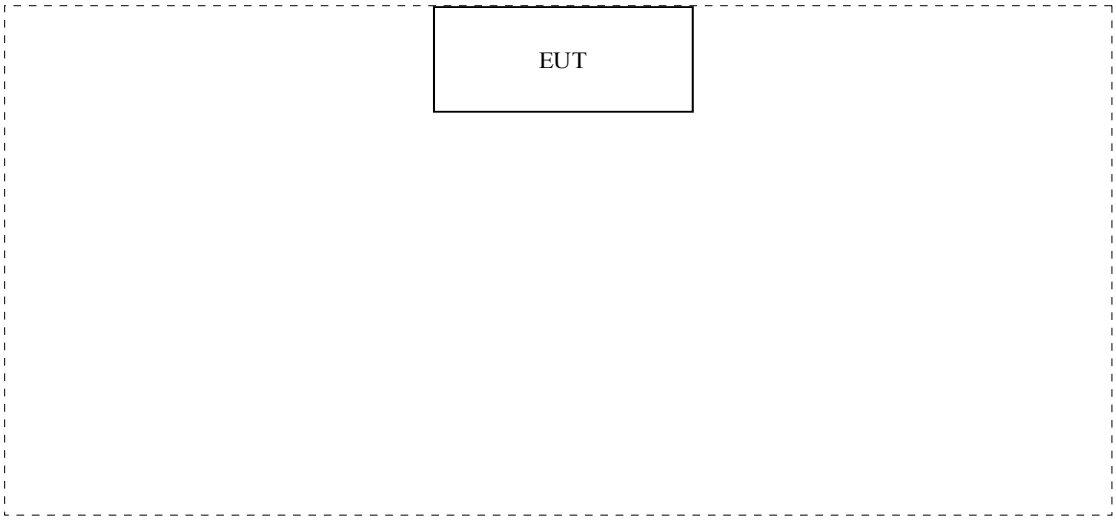


Fig. 1-1 Test setup.

1.5. EUT Exercise Software

(1) Setup the EUT as shown in section 1.4.

(2) Execute the program from menufacture and let BT simulator, MT8852B continuous link to the EUT.

(3) Setup the test mode, the test channel, and the data rate.

(4) Start to test.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	30-65
Barometric pressure (mbar)	860-1060	950-1000

Site Description: File on

Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
FCC Registration Number :92195

Certification and Engineering Bureau
3701 Carling Ave., Building 94
P.O. Box 11490, Station "H"
Ottawa, Ontario K2H 8S2
IC Recognized No. : 4075A

Accreditation on NVLAP
NVLAP Lab Code: 200533-0

Site Name: Quie Tek Corporation

Site Address: No. 5-22, Ruei-Shu Valley, Ruei-Ping Tsuen,
Lin Kou Shiang, Taipei 244 Taiwan, R.O.C.
TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789
E-Mail : service@quietek.com

1.7. EMI Reduction Method During Compliance Testing

No modification was made during testing.

1.8. Summary of Test Results

Product Name : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Model No. : RM-383
FCC ID : QMNRM-383
Method/System : Frequency Hopping Spread Spectrum(FHSS)
No. of Channel : 79

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
15.207	Conducted Emission	< 15.207 limits or < RSS-Gen table 2 limits	Line Conducted	Pass	Sec. 2
15.247(b)(1)	Peak power output	1 Watt (if at least 75 non-overlapping hopping channels used.)	Conducted	Pass	Sec. 3
15.205 15.209 15.247(d)	Radiated Emission	Emission in the restricted bands must meet to radiated limit details in 15.209(RSS-210 table 4 limits)	Radiated	Pass	Sec. 4
15.247(d)	Spurious RF Conducted Emission	At least 20 dB below the highest level of desired power within the band.	Conducted	Pass	Sec. 5
15.247(d)	Band Edge	At least 20 dB below the highest level of desired power within the band.	Conducted	Pass	Sec. 6
15.247 (a)(1)(iii)	Channel Number	> 15 channels used	Conducted	Pass	Sec. 7
15.247(a)(1)	Channel Separation	>25 kHz or 2/3 of 20dB BW for the syetem with output power no longer than 125 mW.	Conducted	Pass	Sec. 8
15.247 (a)(1)(iii)	Dwell Time	< 0.4 sec in 31.6 sec period.	Conducted	Pass	Sec. 9
15.247 (a)(1)(iii)	Occupied Bandwidth	N/A(more than 15 channels)	Conducted	N/A	Sec 10

2. Conducted Emission

2.1. Test Equipment

The following test equipments are used during the conducted emission test:

Item	Instrument	Manufacturer	Type No./ Serial No	Calibration Date	Calbration Due	Remark
1	Test Receiver	R & S	ESCS 30/100366	18. Oct, 2007	17. Oct, 2008	
2	L.I.S.N.	R & S	ESH3-Z5/836679	17. Jul, 2007	16. Jul, 2008	EUT
3	L.I.S.N.	R & S	ENV4200/833209	13. Aug, 2007	12. Aug, 2008	Peripherals
4	Pulse Limiter	R & S	ESH3-Z2/ 357.8810.52	06. Sep, 2007	05. Sep, 2008	
5	No. 1 Shielded Room			N/A	N/A	

2.2. Test Setup

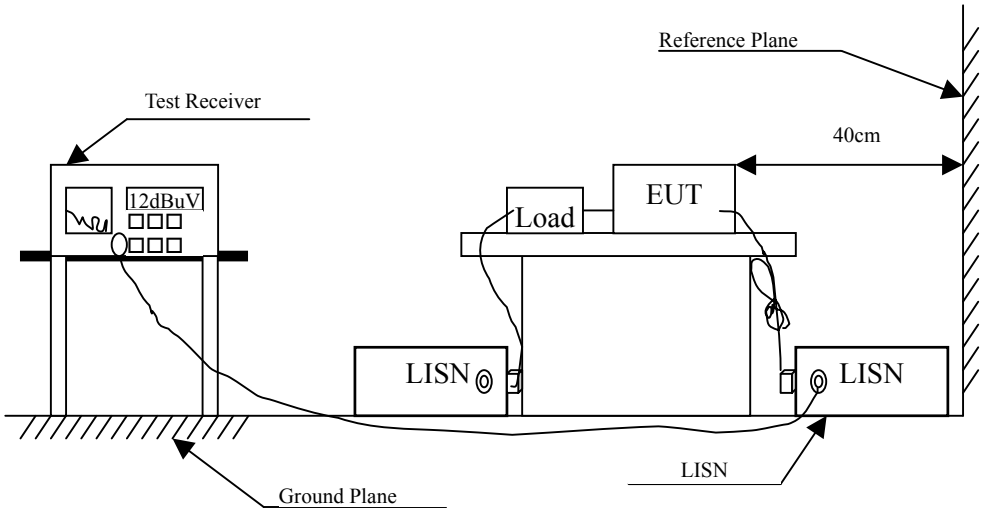


Fig. 2-1 Test arrangement for conducted disturbance at the mains port.

2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBuV) Limit		
Frequency MHz	Limits	
	QP	AV
0.15 - 0.50	66-56	56-46
0.50-5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

The EUT was setup according to ANSI C63.4:2003 and tested according to FCC Public Notice DA 00-705.

The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

Contributions		Probability Distribution	Standard Uncertainty u_i(dB)
LISN Factor Calibration	U_1	Rectangular	0.693
Receiver : absolute level	U_2	Rectangular	0.577
Site Imperfection	U_3	U-shaped	0.591
Cable Loss	U_4	Normal	0.208
System Repeatability	U_5	Normal	0.260
Combined Standard Uncertainty, U			1.13
Expanded Ucertainty (for a 95 % confidence level, k=2)			2.26

2.6. Test Result of Conducted Emission

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.185	0.753	41.770	42.523	-22.477	65.000
0.298	0.300	37.800	38.100	-23.671	61.771
0.431	0.300	36.930	37.230	-20.741	57.971
0.900	0.310	36.200	36.510	-19.490	56.000
1.494	0.330	35.920	36.250	-19.750	56.000
2.580	0.360	39.020	39.380	-16.620	56.000
Average					
0.185	0.753	28.390	29.143	-25.857	55.000
0.298	0.300	24.660	24.960	-26.811	51.771
0.431	0.300	22.630	22.930	-25.041	47.971
0.900	0.310	19.700	20.010	-25.990	46.000
1.494	0.330	17.080	17.410	-28.590	46.000
2.580	0.360	21.450	21.810	-24.190	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.173	0.300	39.170	39.470	-25.873	65.343
0.228	0.300	36.400	36.700	-27.071	63.771
0.318	0.300	32.930	33.230	-27.970	61.200
0.459	0.310	30.260	30.570	-26.601	57.171
1.111	0.322	28.160	28.482	-27.518	56.000
2.587	0.360	38.470	38.830	-17.170	56.000
Average					
0.173	0.300	24.940	25.240	-30.103	55.343
0.228	0.300	26.180	26.480	-27.291	53.771
0.318	0.300	16.840	17.140	-34.060	51.200
0.459	0.310	15.910	16.220	-30.951	47.171
1.111	0.322	16.370	16.692	-29.308	46.000
2.587	0.360	26.380	26.740	-19.260	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Conducted Emission Test
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type	:	Standard Battery

LINE 1=Pahse

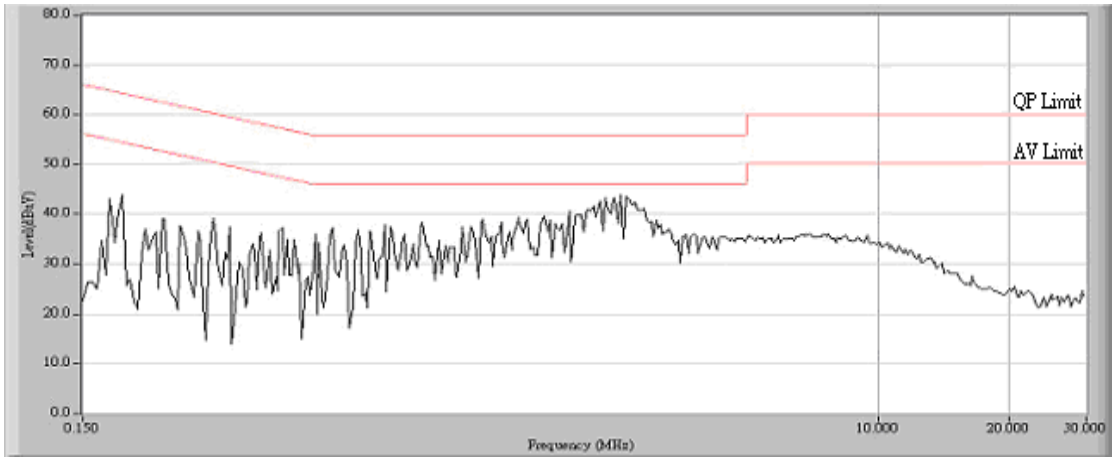


Fig. 2-2 Conducted emission measurements for mode 1(Ch. 00).

LINE 2 = Neutral

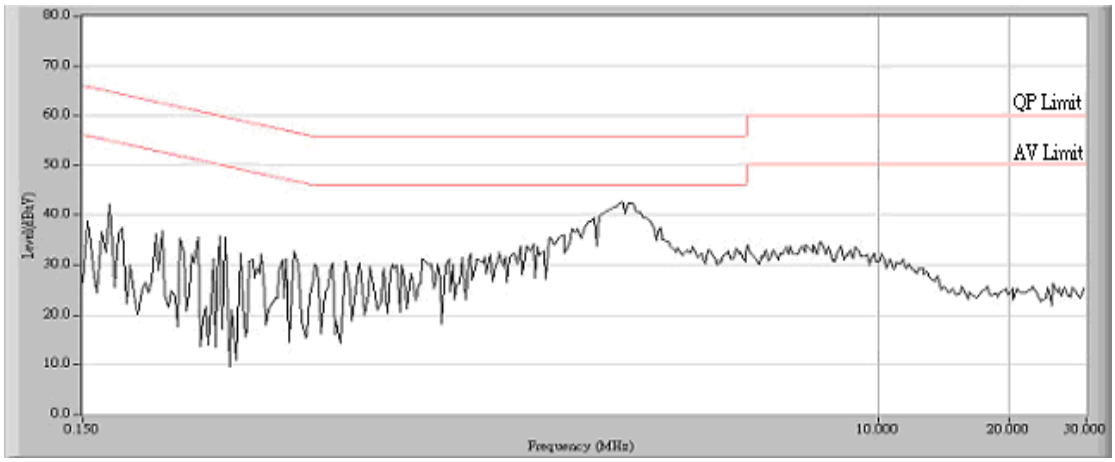


Fig. 2-3 Conducted emission measurements for mode 1(Ch. 00).

Note :

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. The limits for class B devices from 150kHz to 30 MHz are specified in section 15.207 of the title 47CFR.
3. Line 1 = Phase, Line 2 = Neutral.
4. Traces shown in above figures are made using a peak detecor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.170	0.621	36.270	36.891	-28.538	65.429
0.295	0.300	35.240	35.540	-26.317	61.857
0.763	0.310	31.590	31.900	-24.100	56.000
1.029	0.320	29.720	30.040	-25.960	56.000
1.365	0.327	30.850	31.177	-24.823	56.000
2.884	0.370	36.400	36.770	-19.230	56.000
Average					
0.170	0.621	23.100	23.721	-31.708	55.429
0.295	0.300	20.550	20.850	-31.007	51.857
0.763	0.310	13.860	14.170	-31.830	46.000
1.029	0.320	11.100	11.420	-34.580	46.000
1.365	0.327	13.380	13.707	-32.293	46.000
2.884	0.370	25.700	26.070	-19.930	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.170	0.300	37.300	37.600	-27.829	65.429
0.232	0.300	35.300	35.600	-28.057	63.657
0.322	0.300	36.560	36.860	-24.226	61.086
0.783	0.320	31.870	32.190	-23.810	56.000
2.013	0.350	32.220	32.570	-23.430	56.000
2.521	0.360	32.880	33.240	-22.760	56.000
Average					
0.170	0.300	20.270	20.570	-34.859	55.429
0.232	0.300	25.150	25.450	-28.207	53.657
0.322	0.300	25.970	26.270	-24.816	51.086
0.783	0.320	22.360	22.680	-23.320	46.000
2.013	0.350	17.140	17.490	-28.510	46.000
2.521	0.360	18.140	18.500	-27.500	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Conducted Emission Test
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type	:	Standard Battery

LINE 1= Phase

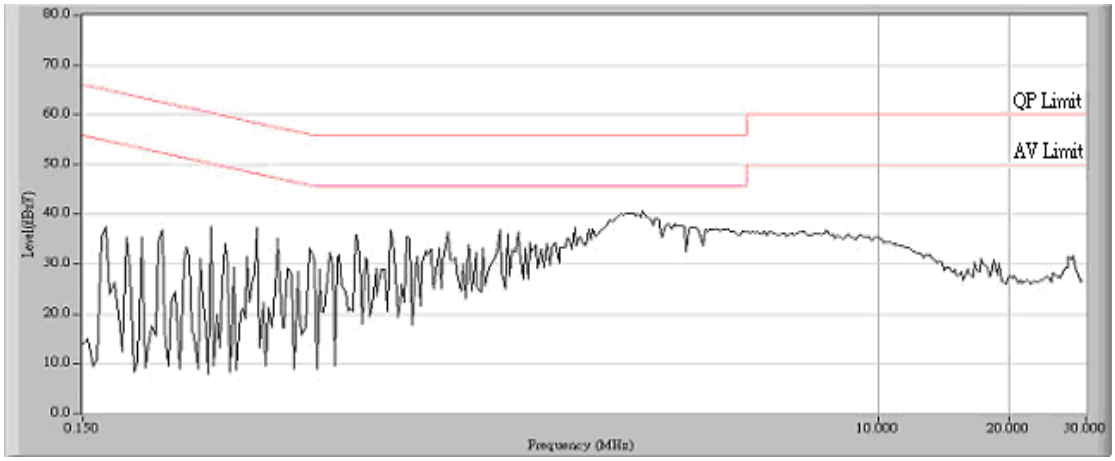


Fig. 2-4 Conducted emission measurements for mode 1(Ch. 39).

LINE 2 = Neutral

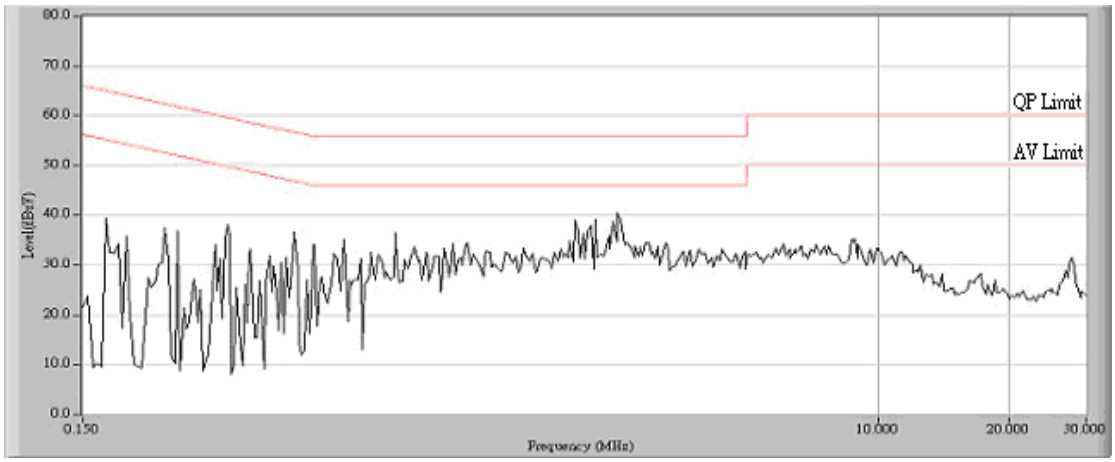


Fig. 2-5 Conducted emission measurements for mode 1(Ch. 39).

Note :

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. The limits for class B devices from 150kHz to 30 MHz are specified in section 15.207 of the title 47CFR.
3. Line 1 = Phase, Line 2 = Neutral.
4. Traces shown in above figures are made using a peak detecor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.173	0.685	42.520	43.205	-22.138	65.343
0.216	0.533	39.190	39.723	-24.391	64.114
0.298	0.300	37.390	37.690	-24.081	61.771
0.463	0.300	34.300	34.600	-22.457	57.057
0.693	0.310	35.730	36.040	-19.960	56.000
2.517	0.360	39.930	40.290	-15.710	56.000
Average					
0.173	0.685	31.460	32.145	-23.198	55.343
0.216	0.533	30.800	31.333	-22.781	54.114
0.298	0.300	24.660	24.960	-26.811	51.771
0.463	0.300	21.660	21.960	-25.097	47.057
0.693	0.310	22.810	23.120	-22.880	46.000
2.517	0.360	21.610	21.970	-24.030	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.181	0.300	41.240	41.540	-23.574	65.114
0.216	0.300	37.770	38.070	-26.044	64.114
0.318	0.300	33.850	34.150	-27.050	61.200
0.463	0.310	32.070	32.380	-24.677	57.057
0.685	0.310	30.300	30.610	-25.390	56.000
2.666	0.363	38.160	38.523	-17.477	56.000
Average					
0.181	0.300	30.220	30.520	-24.594	55.114
0.216	0.300	30.710	31.010	-23.104	54.114
0.318	0.300	19.030	19.330	-31.870	51.200
0.463	0.310	17.810	18.120	-28.937	47.057
0.685	0.310	21.950	22.260	-23.740	46.000
2.666	0.363	25.480	25.843	-20.157	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Conducted Emission Test
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type	:	Standard Battery

LINE 1= Phase

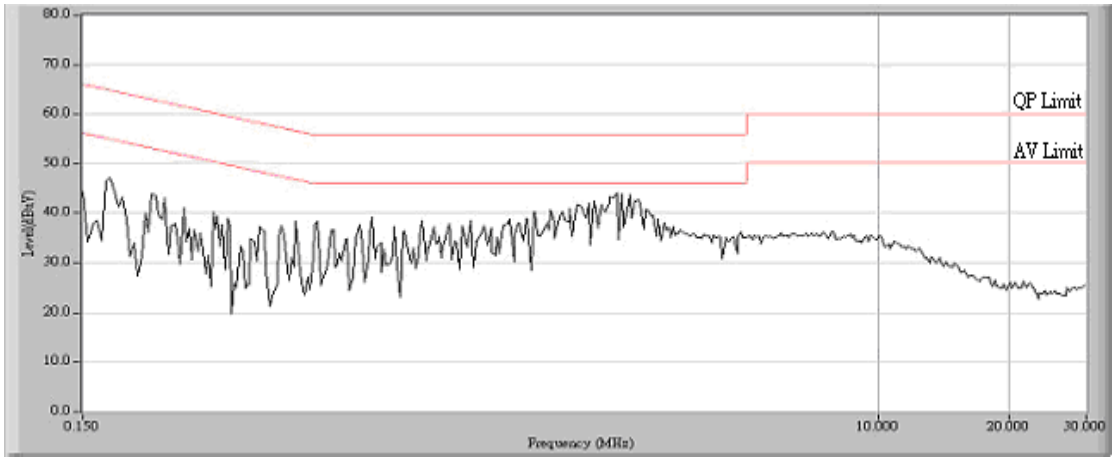


Fig. 2-6 Conducted emission measurements for mode 1(Ch. 78)

LINE 2 = Neutral

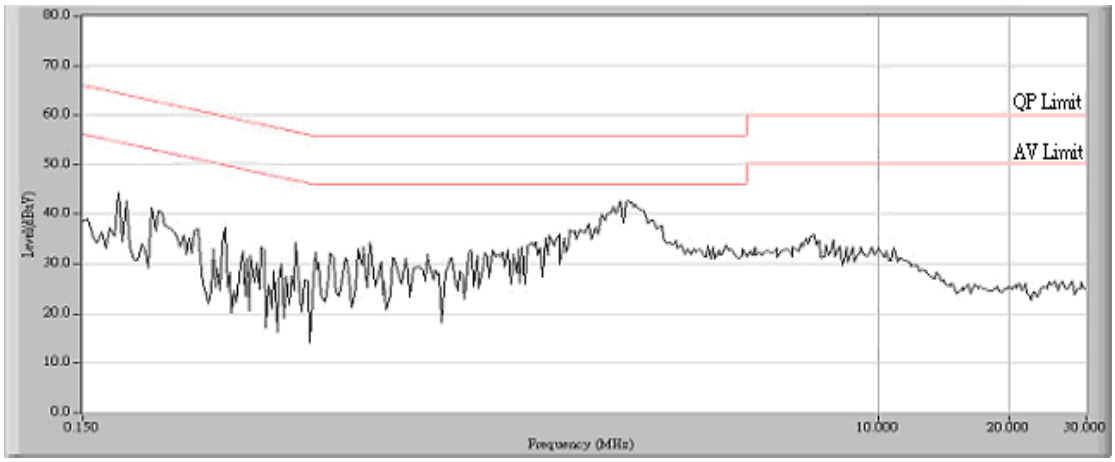


Fig. 2-7 Conducted emission measurements for mode 1(Ch. 78)

Note :

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. The limits for class B devices from 150kHz to 30 MHz are specified in section 15.207 of the title 47CFR.
3. Line 1 = Phase, Line 2 = Neutral.
4. Traces shown in above figures are made using a peak detecor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.185	0.753	37.890	38.643	-26.357	65.000
0.291	0.300	34.130	34.430	-27.541	61.971
0.630	0.301	33.360	33.661	-22.339	56.000
1.220	0.320	32.210	32.530	-23.470	56.000
2.611	0.360	37.370	37.730	-18.270	56.000
3.287	0.380	32.790	33.170	-22.830	56.000
Average					
0.185	0.753	25.760	26.513	-28.487	55.000
0.291	0.300	17.970	18.270	-33.701	51.971
0.630	0.301	17.360	17.661	-28.339	46.000
1.220	0.320	14.780	15.100	-30.900	46.000
2.611	0.360	27.400	27.760	-18.240	46.000
3.287	0.380	21.790	22.170	-23.830	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.170	0.300	37.420	37.720	-27.709	65.429
0.209	0.300	34.560	34.860	-29.454	64.314
0.322	0.300	36.380	36.680	-24.406	61.086
0.451	0.310	30.950	31.260	-26.140	57.400
2.150	0.350	32.930	33.280	-22.720	56.000
2.564	0.360	33.600	33.960	-22.040	56.000
Average					
0.170	0.300	20.480	20.780	-34.649	55.429
0.209	0.300	12.820	13.120	-41.194	54.314
0.322	0.300	25.610	25.910	-25.176	51.086
0.451	0.310	19.820	20.130	-27.270	47.400
2.150	0.350	17.650	18.000	-28.000	46.000
2.564	0.360	19.140	19.500	-26.500	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Conducted Emission Test
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type	:	Standard Battery

LINE 1= Phase

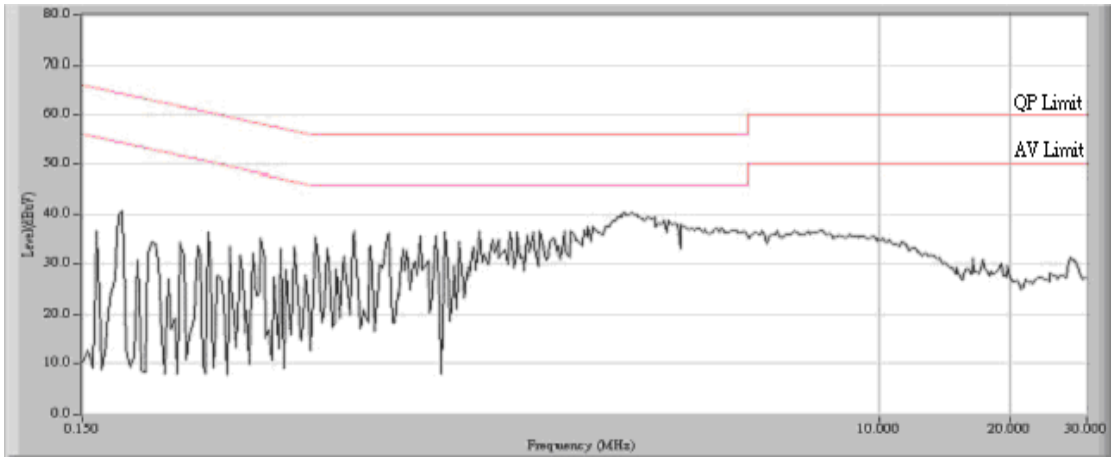


Fig. 2-8 Conducted emission measurements for mode 2(Ch. 00)

LINE 2 = Neutral

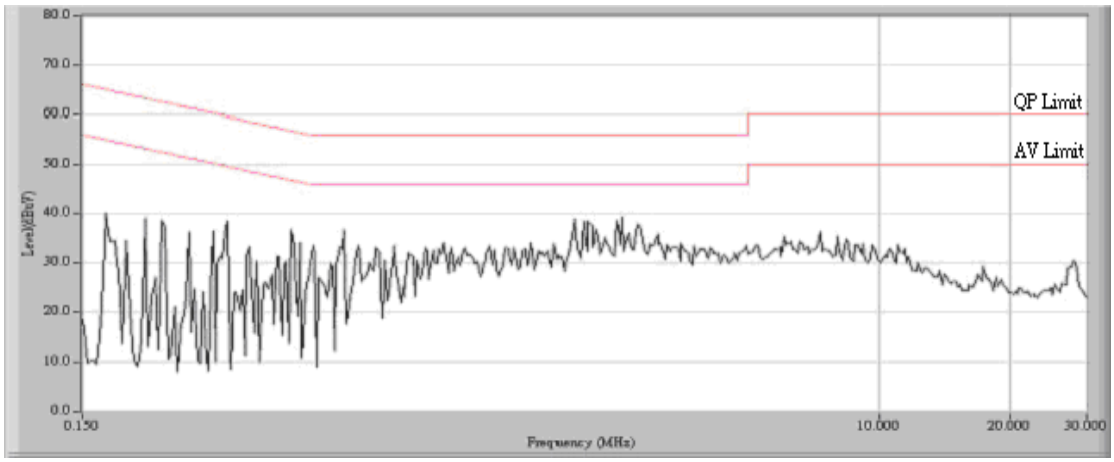


Fig. 2-9 Conducted emission measurements for mode 2(Ch. 00)

Note :

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. The limits for class B devices from 150kHz to 30 MHz are specified in section 15.207 of the title 47CFR.
3. Line 1 = Phase, Line 2 = Neutral.
4. Traces shown in above figures are made using a peak detecor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.170	0.621	38.060	38.681	-26.748	65.429
0.224	0.478	33.830	34.308	-29.578	63.886
0.295	0.300	34.510	34.810	-27.047	61.857
0.373	0.300	34.060	34.360	-25.269	59.629
0.763	0.310	31.930	32.240	-23.760	56.000
2.822	0.370	36.740	37.110	-18.890	56.000
Average					
0.170	0.621	23.250	23.871	-31.558	55.429
0.224	0.478	22.340	22.818	-31.068	53.886
0.295	0.300	20.070	20.370	-31.487	51.857
0.373	0.300	19.560	19.860	-29.769	49.629
0.763	0.310	14.380	14.690	-31.310	46.000
2.822	0.370	25.180	25.550	-20.450	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.170	0.300	38.120	38.420	-27.009	65.429
0.228	0.300	37.240	37.540	-26.231	63.771
0.263	0.300	30.870	31.170	-31.601	62.771
0.322	0.300	36.560	36.860	-24.226	61.086
0.916	0.320	31.830	32.150	-23.850	56.000
2.513	0.360	33.890	34.250	-21.750	56.000
Average					
0.170	0.300	20.750	21.050	-34.379	55.429
0.228	0.300	27.910	28.210	-25.561	53.771
0.263	0.300	14.030	14.330	-38.441	52.771
0.322	0.300	25.530	25.830	-25.256	51.086
0.916	0.320	22.920	23.240	-22.760	46.000
2.513	0.360	17.670	18.030	-27.970	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Conducted Emission Test
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type	:	Standard Battery

LINE 1= Phase

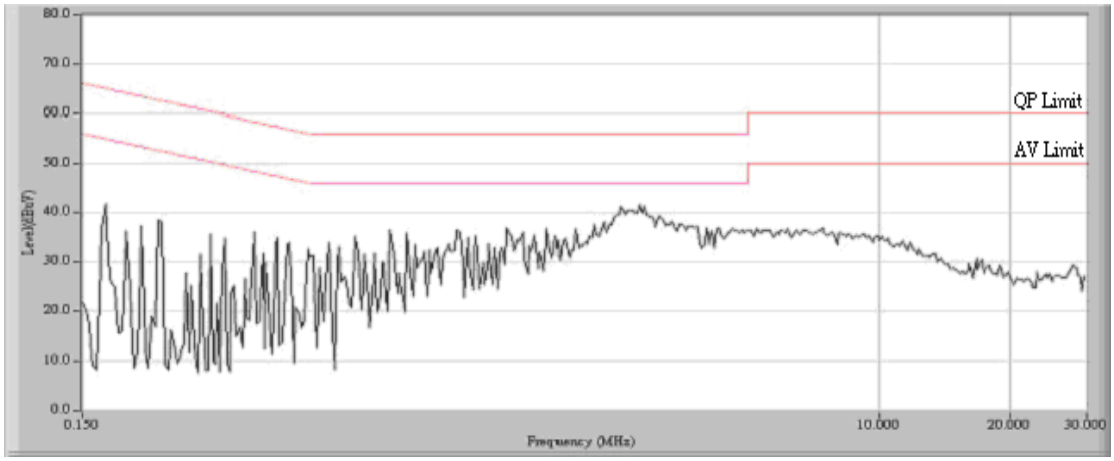


Fig. 2-10 Conducted emission measurements for mode 2(Ch. 39)

LINE 2 = Neutral

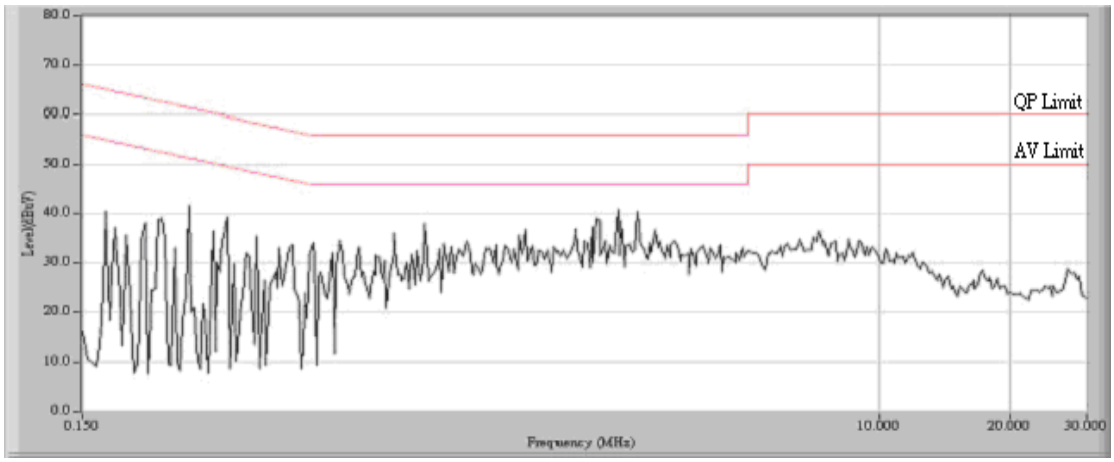


Fig. 2-11 Conducted emission measurements for mode 2(Ch. 39)

Note :

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. The limits for class B devices from 150kHz to 30 MHz are specified in section 15.207 of the title 47CFR.
3. Line 1 = Phase, Line 2 = Neutral.
4. Traces shown in above figures are made using a peak detecor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.181	0.780	37.370	38.150	-26.964	65.114
0.212	0.560	33.440	34.000	-30.229	64.229
0.380	0.300	33.900	34.200	-25.229	59.429
1.431	0.330	31.470	31.800	-24.200	56.000
1.572	0.330	29.770	30.100	-25.900	56.000
2.474	0.360	36.170	36.530	-19.470	56.000
Average					
0.181	0.780	26.650	27.430	-27.684	55.114
0.212	0.560	18.640	19.200	-35.029	54.229
0.380	0.300	18.570	18.870	-30.559	49.429
1.431	0.330	17.050	17.380	-28.620	46.000
1.572	0.330	14.740	15.070	-30.930	46.000
2.474	0.360	25.520	25.880	-20.120	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.166	0.300	36.850	37.150	-28.393	65.543
0.185	0.300	39.270	39.570	-25.430	65.000
0.255	0.300	31.830	32.130	-30.870	63.000
0.505	0.310	32.200	32.510	-23.490	56.000
0.779	0.320	32.030	32.350	-23.650	56.000
1.740	0.340	32.340	32.680	-23.320	56.000
Average					
0.166	0.300	15.500	15.800	-39.743	55.543
0.185	0.300	28.570	28.870	-26.130	55.000
0.255	0.300	12.770	13.070	-39.930	53.000
0.505	0.310	23.150	23.460	-22.540	46.000
0.779	0.320	22.360	22.680	-23.320	46.000
1.740	0.340	17.930	18.270	-27.730	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Conducted Emission Test
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type	:	Standard Battery

LINE 1= Phase

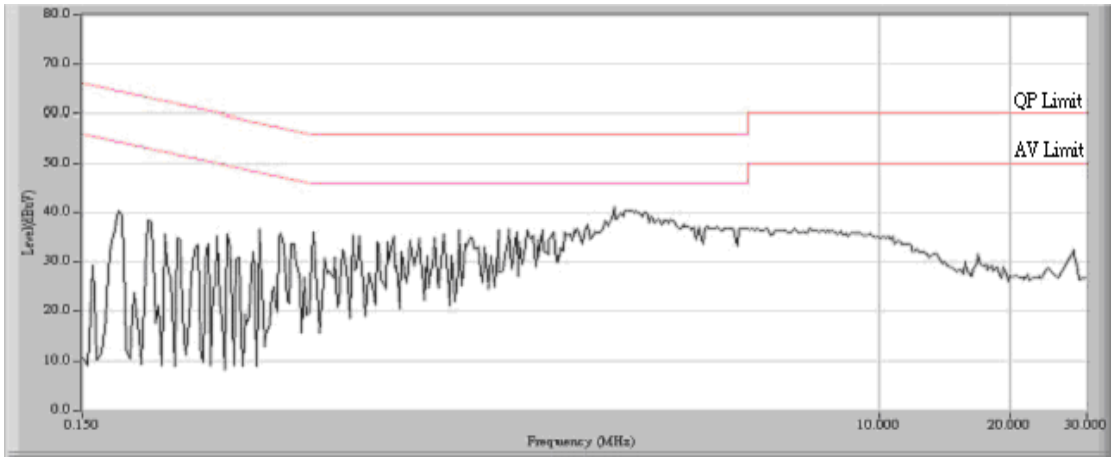


Fig. 2-12 Conducted emission measurements for mode 2(Ch. 78)

LINE 2 = Neutral

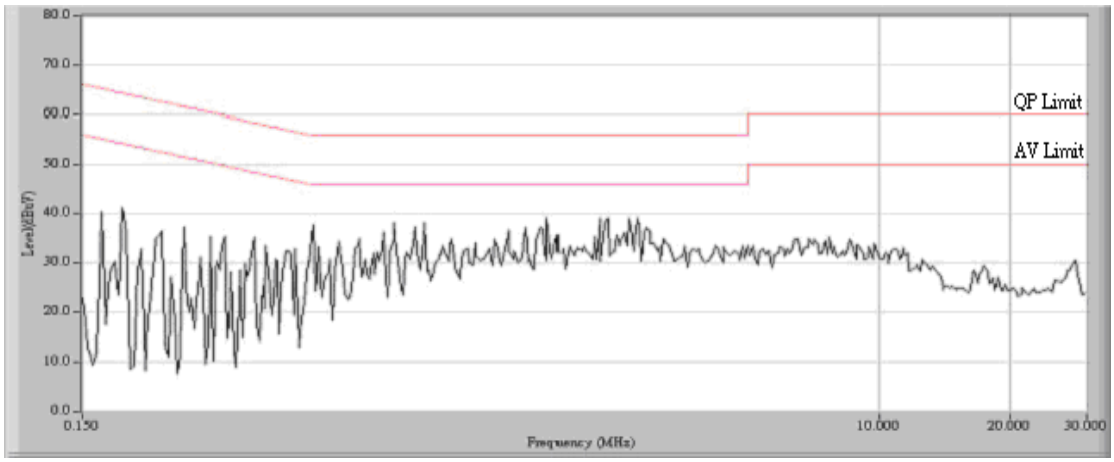


Fig. 2-13 Conducted emission measurements for mode 2(Ch. 78)

Note :

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. The limits for class B devices from 150kHz to 30 MHz are specified in section 15.207 of the title 47CFR.
3. Line 1 = Phase, Line 2 = Neutral.
4. Traces shown in above figures are made using a peak detecor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.177	0.749	41.610	42.359	-22.870	65.229
0.216	0.533	38.540	39.073	-25.041	64.114
0.322	0.300	36.160	36.460	-24.626	61.086
0.463	0.300	33.470	33.770	-23.287	57.057
1.439	0.330	31.170	31.500	-24.500	56.000
2.584	0.360	36.580	36.940	-19.060	56.000
Average					
0.177	0.749	25.540	26.289	-28.940	55.229
0.216	0.533	19.980	20.513	-33.601	54.114
0.322	0.300	22.180	22.480	-28.606	51.086
0.463	0.300	21.510	21.810	-25.247	47.057
1.439	0.330	19.170	19.500	-26.500	46.000
2.584	0.360	25.380	25.740	-20.260	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.172	0.300	39.720	40.020	-25.351	65.371
0.224	0.300	35.620	35.920	-27.966	63.886
0.295	0.300	31.990	32.290	-29.567	61.857
0.509	0.310	32.300	32.610	-23.390	56.000
1.337	0.330	30.020	30.350	-25.650	56.000
2.275	0.352	29.540	29.892	-26.108	56.000
Average					
0.172	0.300	21.860	22.160	-33.211	55.371
0.224	0.300	23.030	23.330	-30.556	53.886
0.295	0.300	10.060	10.360	-41.497	51.857
0.509	0.310	23.250	23.560	-22.440	46.000
1.337	0.330	16.920	17.250	-28.750	46.000
2.275	0.352	19.710	20.062	-25.938	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Conducted Emission Test
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type	:	Extended Battery

LINE 1= Phase

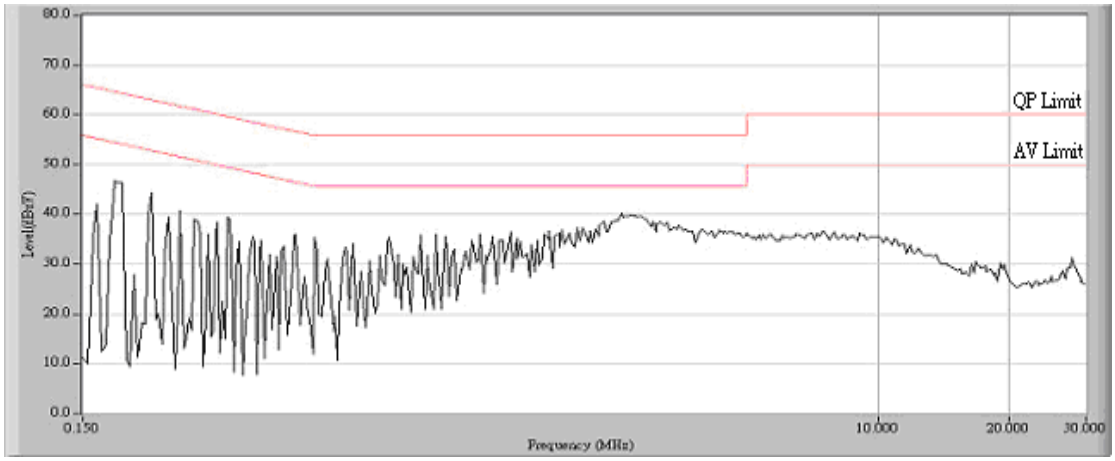


Fig. 2-14 Conducted emission measurements for mode 1(Ch. 39)

LINE 2 = Neutral

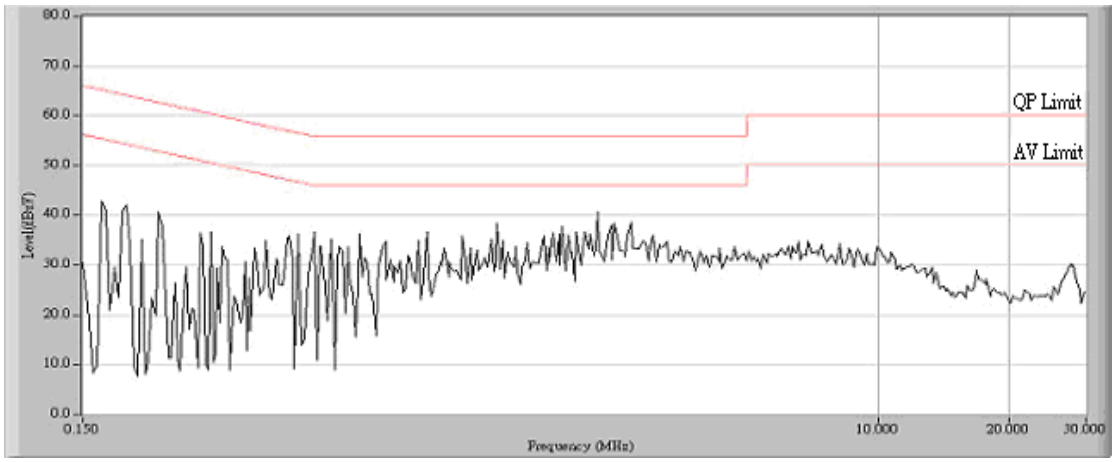


Fig. 2-15 Conducted emission measurements for mode 1(Ch. 39)

Note :

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. The limits for class B devices from 150kHz to 30 MHz are specified in section 15.207 of the title 47CFR.
3. Line 1 = Phase, Line 2 = Neutral.
4. Traces shown in above figures are made using a peak detecor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.173	0.685	42.350	43.035	-22.308	65.343
0.232	0.423	37.360	37.783	-25.874	63.657
0.322	0.300	35.550	35.850	-25.236	61.086
0.505	0.300	34.980	35.280	-20.720	56.000
1.244	0.320	31.200	31.520	-24.480	56.000
2.732	0.360	37.260	37.620	-18.380	56.000
Average					
0.173	0.685	23.910	24.595	-30.748	55.343
0.232	0.423	26.390	26.813	-26.844	53.657
0.322	0.300	20.130	20.430	-30.656	51.086
0.505	0.300	20.620	20.920	-25.080	46.000
1.244	0.320	14.080	14.400	-31.600	46.000
2.732	0.360	27.820	28.180	-17.820	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.177	0.300	37.640	37.940	-27.289	65.229
0.326	0.300	36.480	36.780	-24.191	60.971
0.463	0.310	35.700	36.010	-21.047	57.057
0.603	0.310	33.410	33.720	-22.280	56.000
1.154	0.330	31.300	31.630	-24.370	56.000
2.267	0.350	33.020	33.370	-22.630	56.000
Average					
0.177	0.300	25.090	25.390	-29.839	55.229
0.326	0.300	25.220	25.520	-25.451	50.971
0.463	0.310	24.780	25.090	-21.967	47.057
0.603	0.310	23.400	23.710	-22.290	46.000
1.154	0.330	17.680	18.010	-27.990	46.000
2.267	0.350	17.900	18.250	-27.750	46.000

Note:

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. All Reading Levels are Quasi-Peak and average value.
3. " ", means this data is the worst emission level.
4. Line 1 = Phase, Line 2 = Neutral.
5. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Conducted Emission Test
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type	:	Extended Battery

LINE 1= Phase

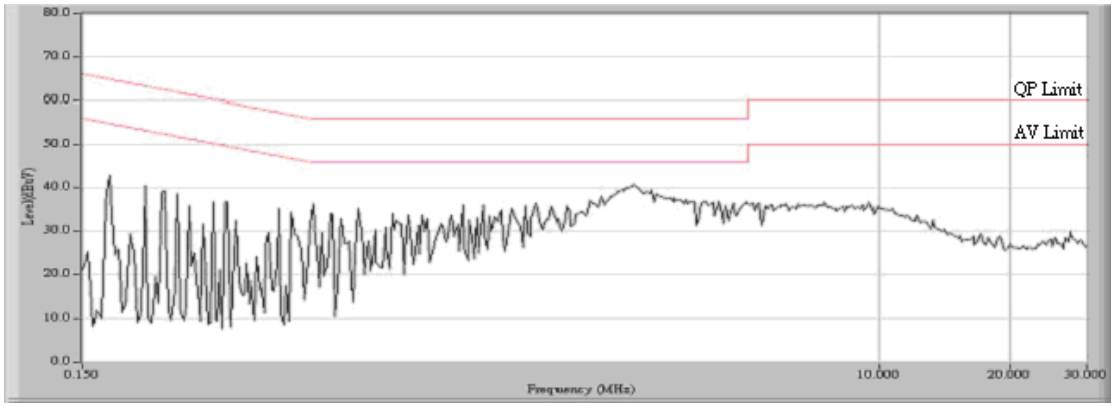


Fig. 2-16 Conducted emission measurements for mode 2(Ch. 39)

LINE 2 = Neutral

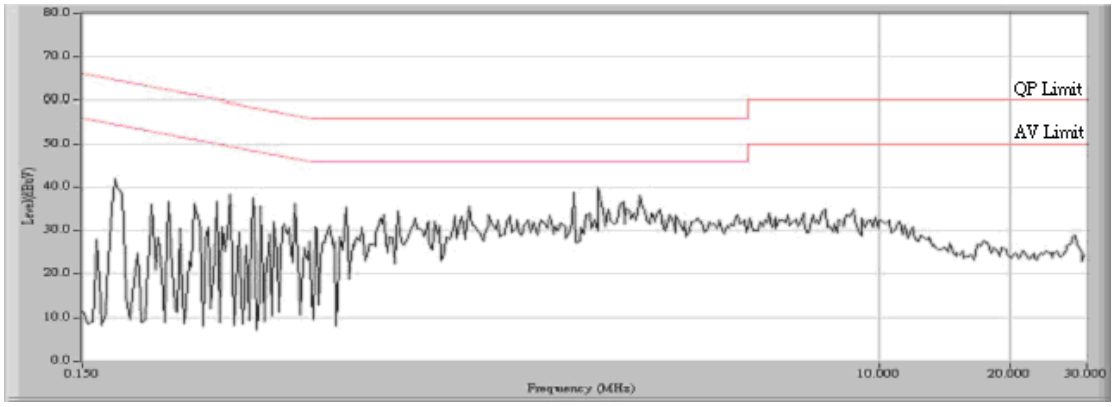


Fig. 2-17 Conducted emission measurements for mode 2(Ch. 39)

Note :

1. All Modes of operation were investigated and the worst-case emissions are supports.
2. The limits for class B devices from 150kHz to 30 MHz are specified in section 15.207 of the title 47CFR.
3. Line 1 = Phase, Line 2 = Neutral.
4. Traces shown in above figures are made using a peak detecor.

3. Peak Power Output

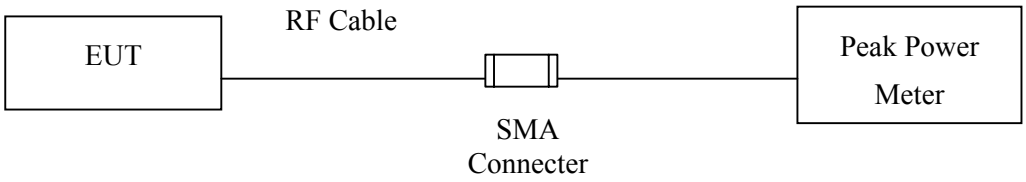
3.1. Test Equipment

The following test equipments are used during the radiated emission tests:

Item	Equipment	Manufacturer	Type No./Serial No	Calibration Date	Calibration Due
1	Power Meter	Anritsu	ML2495A/6K00003357	31 May, 2007	30 May, 2008
2	Power Sensor	Anritsu	MA2491A/034457	01 Jun, 2007	31 May, 2008
3	Bluetooth test set with Audio	Anritsu	MT8852B/ 6K00006247	26. Jul, 2007	25. Jul, 2008
4	Dual Directional	Agilent	778D-012/50550	10. Aug, 2007	09. Aug, 2008
5	Directional coupler	Agilent	87300C/ MY44300353	18. Aug, 2007	17. Aug, 2008

3.2. Test Setup

Conducted Measurement



3.3. Test procedures

The EUT was setup according to ANSI C63.4, 2003 for compliance to FCC 47CFR 15.247 requirements

3.4. Limits

For frequency hopping systems in the 2400-2483.5 MHz band employing at least 75 hopping channels: 1Watt.

3.5. Uncertainty

The measurement uncertainty is defined as ± 1.036 dB.

Contributions		Probability Distribution	Standard Uncertainty Ui(dB)
Mismatch : Reference leve Measurement	U01	U-shaped	0.04
Mismatch : direct attenuation measurement	U02	U-shaped	0.089
Attenuation measurement reading	U03	Normal	0.29
Attenuator: influence of the ambient temperature	U04	Normal	0
Attenuator: influence of setting the power supply	U05	Normal	0.017
EUT: influence of the ambient temperature	U06	Normal	0.1
EUT: influence of setting the power supply	U07	Normal	0.026
Mismatch on EUT	U08	U-shaped	0.391
Random: System Repeatability	U09	Standard Deviation	0.103
Combined Standard Uncertainty, U			0.518
Expanded Ucertainty (for a 95 % confidence level, k=2)			1.036

3.6. Test Result of Peak Power Output

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Peak Power Output
Test Mode : Mode 1: Transmitter 1Mbps GFSK
Battery Type : Standard Battery

Channel 00.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2402.00	0.3	0.82	30	Pass
DH3	2402.00	0.3	0.81	30	Pass
DH5	2402.00	0.3	0.89	30	Pass

Channel 39.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2441.00	0.3	1.62	30	Pass
DH3	2441.00	0.3	1.59	30	Pass
DH5	2441.00	0.3	1.63	30	Pass

Channel 78	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2480.00	0.3	2.08	30	Pass
DH3	2480.00	0.3	2.08	30	Pass
DH5	2480.00	0.3	2.12	30	Pass

Note: Peak Power Output =Reading value on peak power meter + cable loss

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Peak Power Output
Test Mode : Mode 2: Transmitter 3Mbps EDR
Battery Type : Standard Battery

Channel 00.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2402.00	0.3	2.61	30	Pass
DH3	2402.00	0.3	2.48	30	Pass
DH5	2402.00	0.3	2.51	30	Pass

Channel 39.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2441.00	0.3	3.72	30	Pass
DH3	2441.00	0.3	3.71	30	Pass
DH5	2441.00	0.3	3.69	30	Pass

Channel 78.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2480.00	0.3	3.26	30	Pass
DH3	2480.00	0.3	3.16	30	Pass
DH5	2480.00	0.3	3.22	30	Pass

Note: Peak Power Output =Reading value on peak power meter + cable loss

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Peak Power Output
Test Mode : Mode 1: Transmitter 1Mbps GFSK
Battery Type : Extended Battery

Channel 00.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2402.00	0.3	0.77	30	Pass
DH3	2402.00	0.3	0.82	30	Pass
DH5	2402.00	0.3	0.89	30	Pass

Channel 39.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2441.00	0.3	1.52	30	Pass
DH3	2441.00	0.3	1.57	30	Pass
DH5	2441.00	0.3	1.53	30	Pass

Channel 78.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2480.00	0.3	2.00	30	Pass
DH3	2480.00	0.3	2.04	30	Pass
DH5	2480.00	0.3	2.10	30	Pass

Note: Peak Power Output =Reading value on peak power meter + cable loss

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Peak Power Output
Test Mode : Mode 2: Transmitter 3Mbps EDR
Battery Type : Extended Battery

Channel 00.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2402.00	0.3	2.63	30	Pass
DH3	2402.00	0.3	2.53	30	Pass
DH5	2402.00	0.3	2.63	30	Pass

Channel 39.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2441.00	0.3	3.33	30	Pass
DH3	2441.00	0.3	3.19	30	Pass
DH5	2441.00	0.3	3.29	30	Pass

Channel 78.	Frequency (MHz)	Cable loss (dB)	Peak Power Output (dBm)	Limit (dBm)	Result
DH1	2480.00	0.3	3.81	30	Pass
DH3	2480.00	0.3	3.77	30	Pass
DH5	2480.00	0.3	3.73	30	Pass

Note: Peak Power Output =Reading value on peak power meter + cable loss

4. Radiated Emission

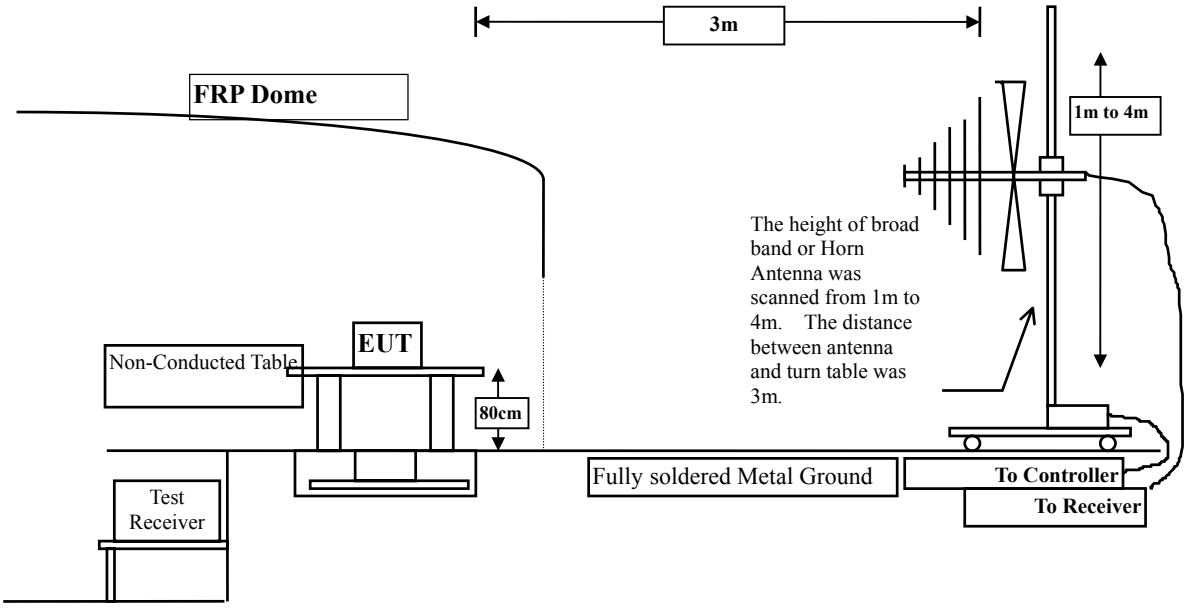
4.1. Test Equipment

The following test equipments are used during the radiated emission test:

Item	Equipment	Manufacturer	Model No./ Serial No.	Calibration Date	Calbration Due
1	Bilog Antenna	Schaffner Chase	CBL6112B/2921	10. Aug, 2007	09. Aug, 2008
2	Broadband Horn Antenna	Schwarzbeck	BBHA9170/497	07. Sep, 2007	06. Sep, 2008
3	EMI Test Receiver	R&S	ESCS 30/100123	08. May, 2007	07. May, 2008
4	Horn Antenna	Schwarzbeck	BBHA9120D/305	06. Sep, 2007	05. Sep, 2008
5	Pre-Amplifier	QTK	N/A	N/A	
6	Microwave Amplifier (0.5GHZ-26.5GHZ)	Agilent	83017A/ MY39500682	10. Aug, 2007	09. Aug, 2008
7	Spectrum Analyzer	Advantest	R3162/01700040	13. Nov, 2007	12. Nov, 2008
8	Spectrum Analyzer (9K-40GHz)	R&S	FSP40/100339	06. Nov, 2007	05. Nov, 2008
9	Bluetooth test set with Audio	Anritsu	MT8852B/ 6K00006247	26. Jul, 2007	25. Jul, 2008

4.2. Test Setup

Under 1GHz Test Setup



Above 1GHz Test Setup

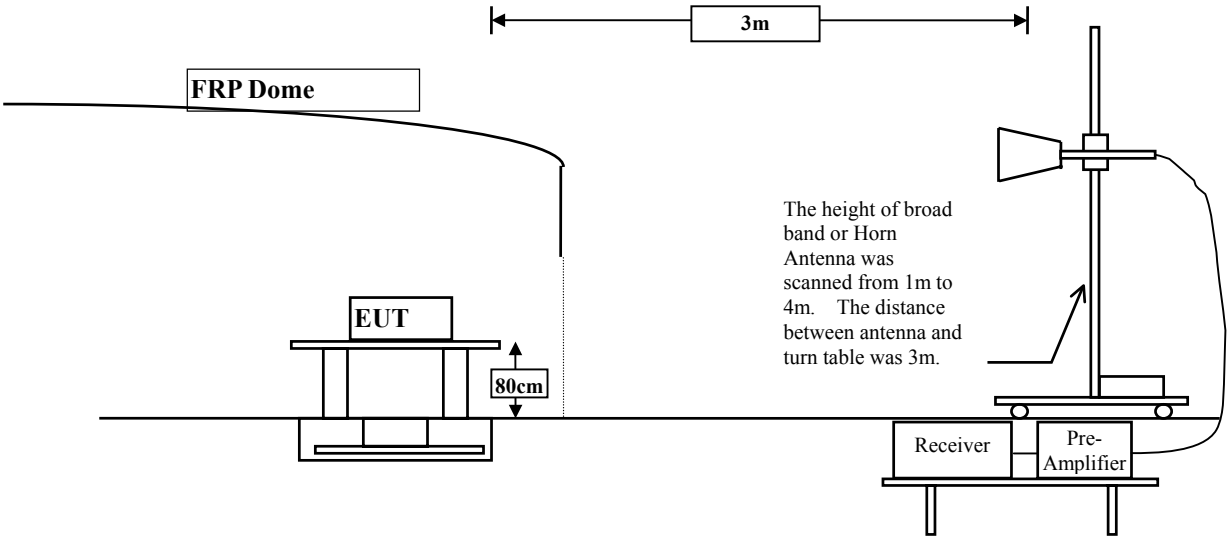


Fig. 4-1 Radiated Emission Test set up.

4.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

The EUT was setup according to ANSI C63.4:2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

The frequency range from 30MHz to 10th harminics is checked.

4.5. Uncertainty

The measurement uncertainty is evaluated as ± 4.22 dB from 30MHz to 1000 MHz.

Contributions		Probability Distribution	Standard Uncertainty u_i(dB)
Mismatch :receiving part	U_{01}	U-shaped	0.182
Insertion loss: Measurement Antenna cable	U_{02}	Normal	0.50
Gain of the Pre-Amplifier	U_{03}	Rectangular	0.29
Receiving device: absolute level	U_{04}	Rectangular	0.58
EUT: influence of setting the power supply	U_{05}	Normal	0.03
Position of the phase centre: within the EUT volume	U_{06}	Rectangular	0.12
Positioning of the phase centre: within the EUT over the axis of rotation of the turntable	U_{07}	Rectangular	0.08
EUT: influence of the ambient temperature	U_{08}	Normal	0.10
Correction: measurement distance	U_{09}	Normal	0.30
Antenna: gain of the Measurement Antenna	U_{10}	Normal	0.60
Reflectivity of absorbing material: EUT to the test antenna	U_{11}	Normal	0.50
Correction: off boresight angle in the elevation plane	U_{12}	Normal	0.50
EUT: mutual coupling to the power leads	U_{13}	Normal	0.50
Mutual coupling: amplitude effect of the test antenna on the EUT	U_{14}	Normal	0.50
Mutual coupling: EUT to its images in the absorbing material	U_{15}	Normal	0.50
Mutual coupling: EUT to its image in the ground plane	U_{16}	Normal	1.15
Mutual coupling: measuring antenna to its image in the absorbing material	U_{17}	Normal	0.50
Mutual coupling: measuring antenna to its image in the ground plane	U_{18}	Normal	0.58
Mutual coupling: interpolation of mutual coupling and mismatch loss correction factors	U_{19}	Normal	0.17
Random: System Repeatability	U_{20}	Standard Deviation	0.30
Combined Standard Uncertainty, U			2.11
Expanded Ucertainty (for a 95 % confidence level, k=2)			4.22

The measurement uncertainty is evaluated as ± 4.06 dB from 1 GHz to 10 GHz.

Contributions		Probability Distribution	Standard Uncertainty u_i(dB)
Mismatch: receiving part	U_{01}	U-shaped	0.182
Insertion loss: Measurement Antenna cable	U_{02}	Normal	0.50
Gain of the Pre-Amplifier	U_{03}	Rectangular	0.29
Receiving device: absolute level	U_{04}	Rectangular	0.58
EUT: influence of setting the power supply	U_{05}	Normal	0.03
Position of the phase centre: within the EUT volume	U_{06}	Rectangular	0.12
Positioning of the phase centre: within the EUT over the axis of rotation of the turntable	U_{07}	Rectangular	0.08
EUT: influence of the ambient temperature	U_{08}	Normal	0.10
Correction: measurement distance	U_{09}	Normal	1.26
Antenna: gain of the Measurement Antenna	U_{10}	Normal	0.60
Reflectivity of absorbing material: EUT to the test antenna	U_{11}	Normal	0.50
Correction: off boresight angle in the elevation plane	U_{12}	Normal	0.50
EUT: mutual coupling to the power leads	U_{13}	Normal	0.50
Mutual coupling: amplitude effect of the test antenna on the EUT	U_{14}	Normal	0.50
Mutual coupling: EUT to its images in the absorbing material	U_{15}	Normal	0.50
Mutual coupling: EUT to its image in the ground plane	U_{16}	Normal	0.15
Mutual coupling: measuring antenna to its image in the absorbing material	U_{17}	Normal	0.50
Mutual coupling: measuring antenna to its image in the ground plane	U_{18}	Normal	0.15
Mutual coupling: interpolation of mutual coupling and mismatch loss correction factors	U_{19}	Normal	0.00
Random: System Repeatability	U_{20}	Standard Deviation	0.40
Combined Standard Uncertainty, U			2.03
Expanded Ucertainty (for a 95 % confidence level, k=2)			4.06

4.6. Test Result of Radiated Emission

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4804.000	-0.205	41.298	41.093	-32.907	74.000
7206.000	3.294	40.733	44.027	-29.973	74.000
9608.000	5.696	40.250	45.946	-28.054	74.000
Vertical					
Peak Detector:					
4804.000	-0.276	42.110	41.834	-32.166	74.000
7206.000	3.330	41.213	44.543	-29.457	74.000
9608.000	6.262	40.740	47.002	-26.998	74.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type	:	Standard Battery

Horizontal

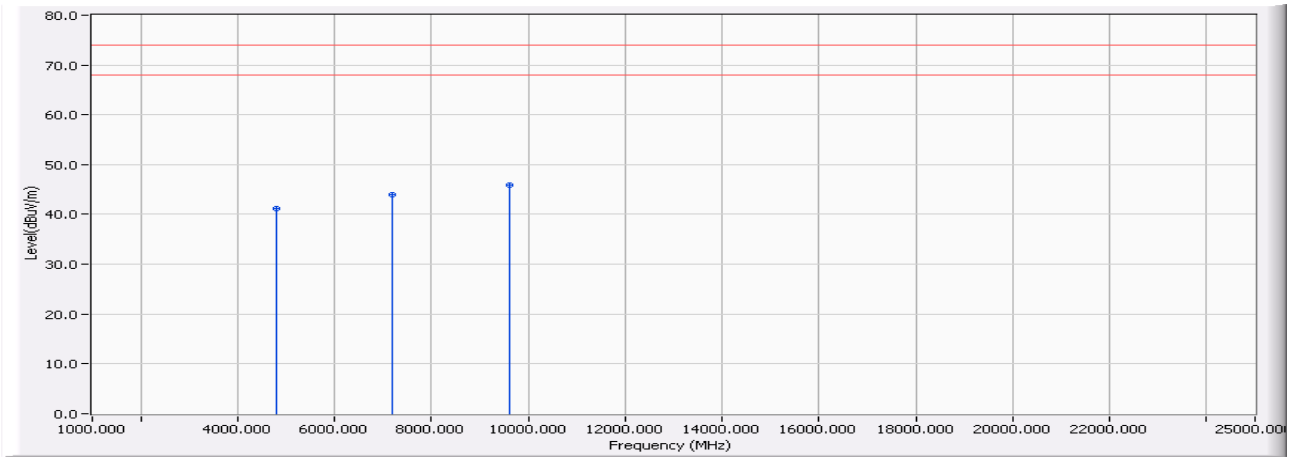


Fig.3-2 Radiated emission measurements for mode 1(Ch. 00).

Vertical

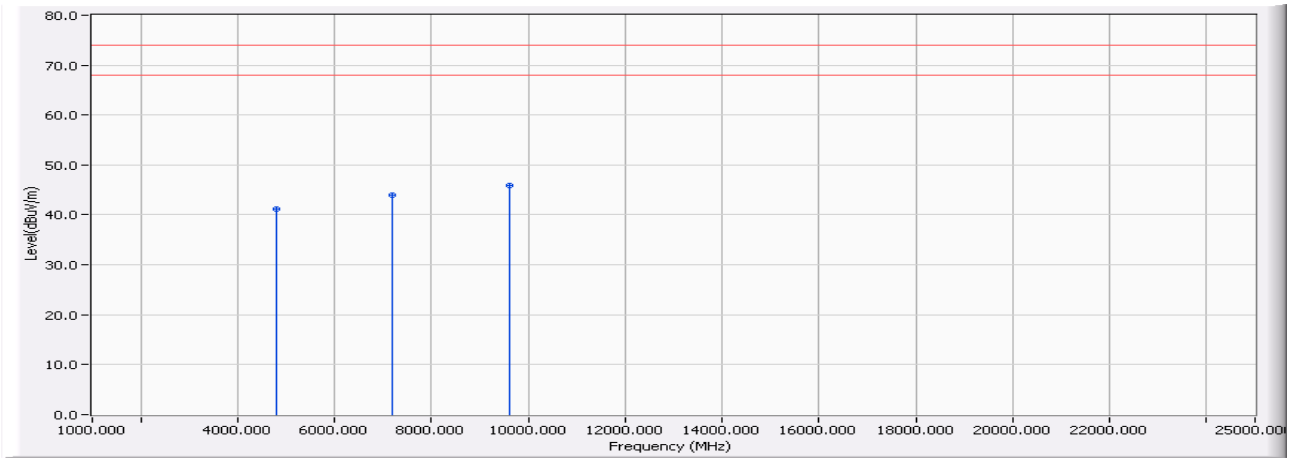


Fig.3-3 Radiated emission measurements for mode 1(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4882.000	-0.276	41.295	41.019	-32.981	74.000
7323.000	3.330	40.100	43.429	-30.571	74.000
9764.000	6.262	40.400	46.663	-27.337	74.000
Vertical Peak Detector:					
4882.000	-0.276	41.150	40.874	-33.126	74.000
7323.000	3.330	41.220	44.549	-29.451	74.000
9764.000	6.262	39.580	45.843	-28.157	74.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type	:	Standard Battery

Horizontal

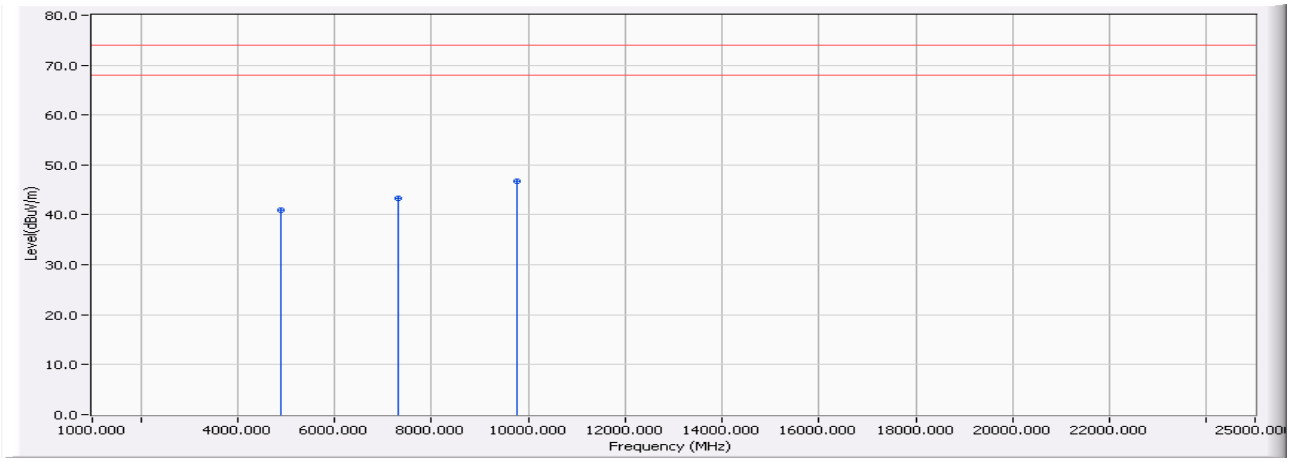


Fig.3-4 Radiated emission measurements for mode 1(Ch. 39).

Vertical

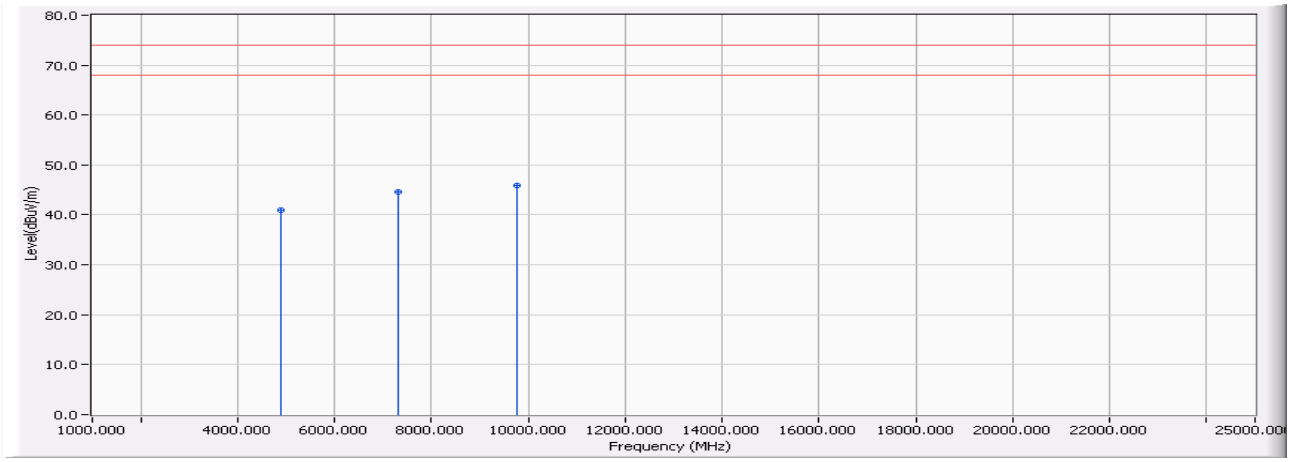


Fig.3-5 Radiated emission measurements for mode 1(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4960.000	0.591	41.922	42.513	-31.487	74.000
7440.000	3.924	40.188	44.112	-29.888	74.000
9920.000	6.468	39.660	46.128	-27.872	74.000
Vertical Peak Detector:					
4960.000	0.591	41.335	41.926	-32.074	74.000
7440.000	3.924	40.152	44.076	-29.924	74.000
9920.000	6.468	39.880	46.348	-27.652	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type	:	Standard Battery

Horizontal

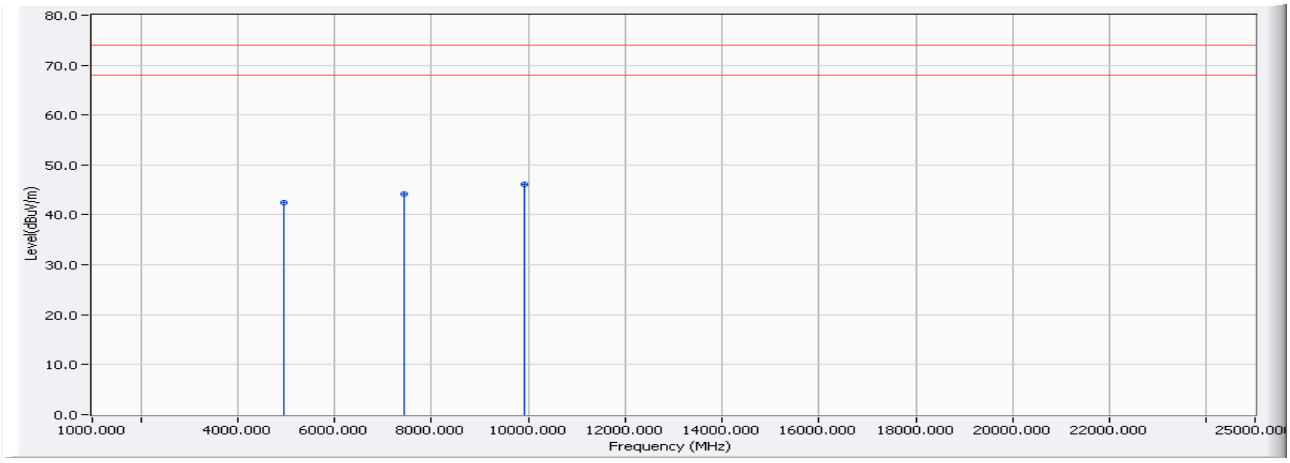


Fig.3-6 Radiated emission measurements for mode 1(Ch. 78).

Vertical

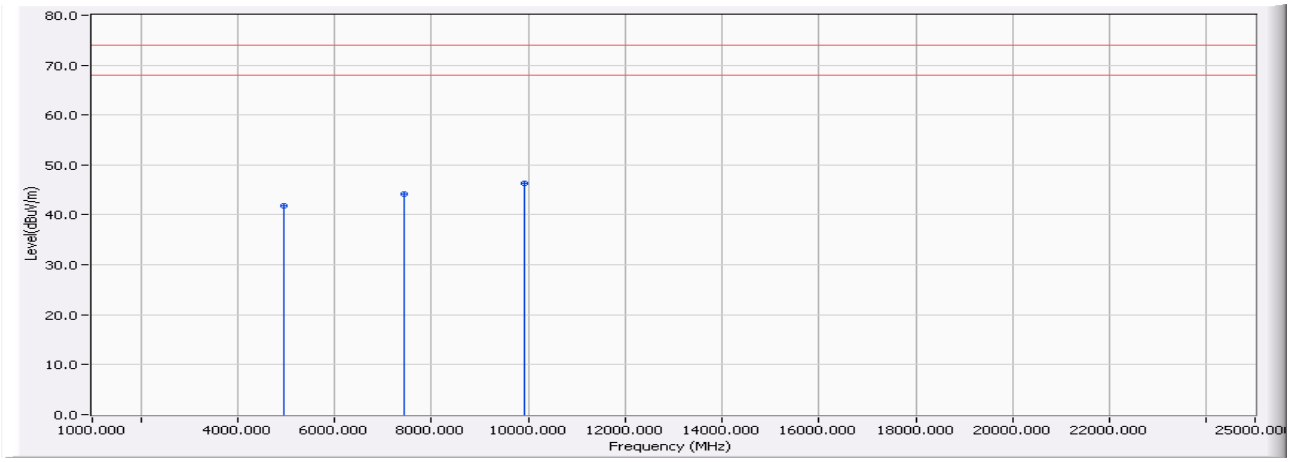


Fig.3-7 Radiated emission measurements for mode 1(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4804.000	-0.205	41.950	41.745	-32.255	74.000
7206.000	3.294	41.110	44.404	-29.596	74.000
9608.000	5.696	40.950	46.646	-27.354	74.000
--					
Vertical					
Peak Detector:					
4804.000	-0.205	40.820	40.615	-33.385	74.000
7206.000	3.294	41.081	44.375	-29.625	74.000
9608.000	5.696	40.332	46.028	-27.972	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type	:	Standard Battery

Horizontal

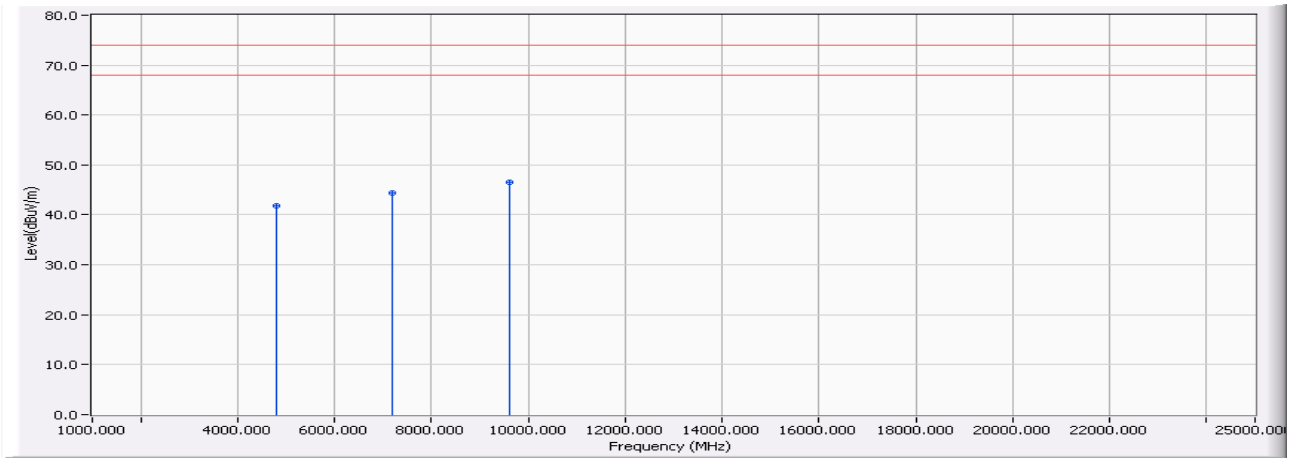


Fig.3-8 Radiated emission measurements for mode 2(Ch. 00).

Vertical

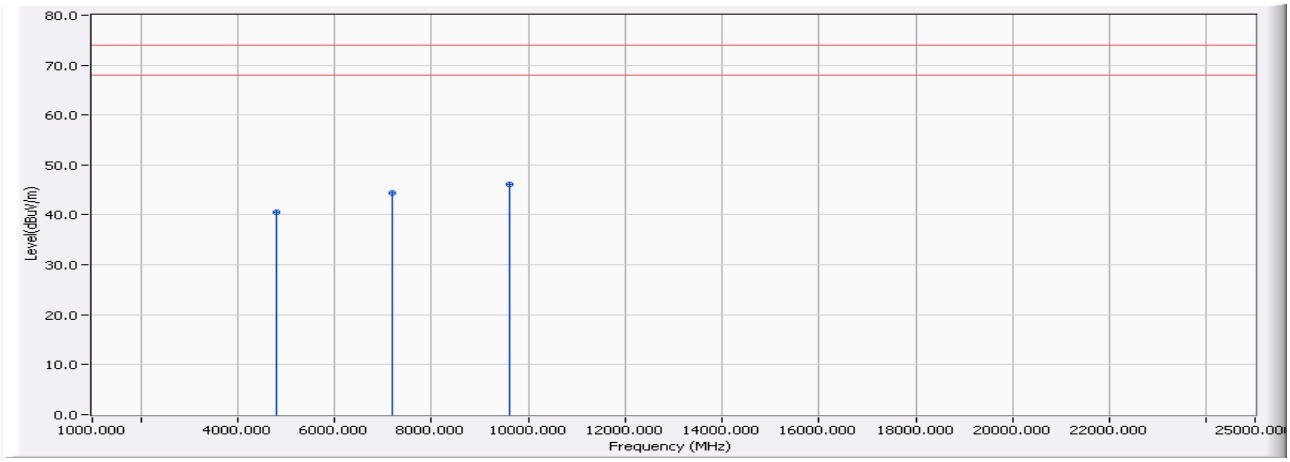


Fig.3-9 Radiated emission measurements for mode2(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4882.000	-0.276	42.100	41.824	-32.176	74.000
7323.000	3.330	41.050	44.379	-29.621	74.000
9764.000	6.262	41.057	47.320	-26.680	74.000
Vertical Peak Detector:					
4882.000	-0.276	40.339	40.063	-33.937	74.000
7323.000	3.330	40.188	43.517	-30.483	74.000
9764.000	6.262	40.673	46.936	-27.064	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type	:	Standard Battery

Horizontal

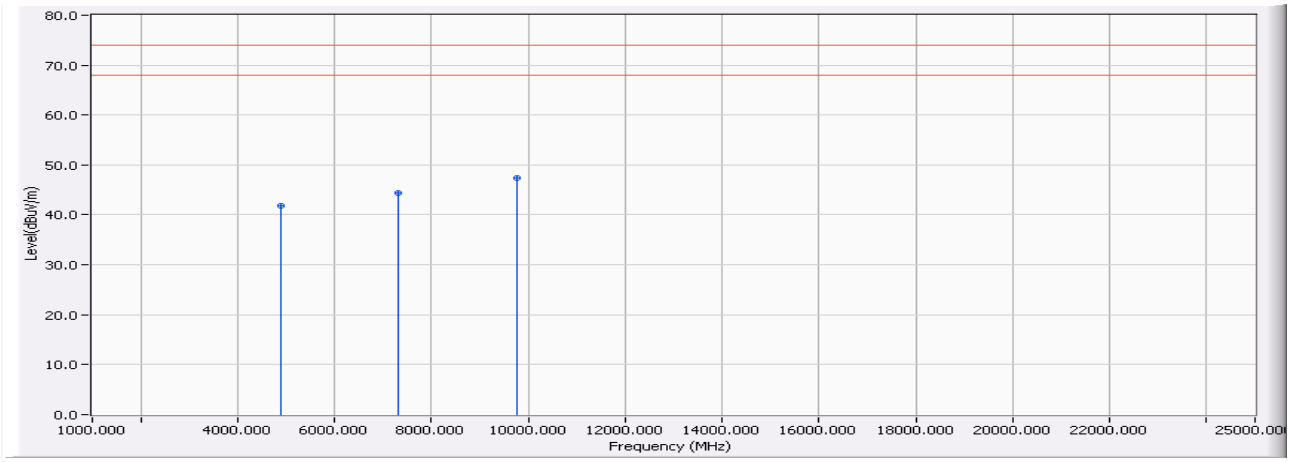


Fig.3-10 Radiated emission measurements for mode 2(Ch. 39).

Vertical

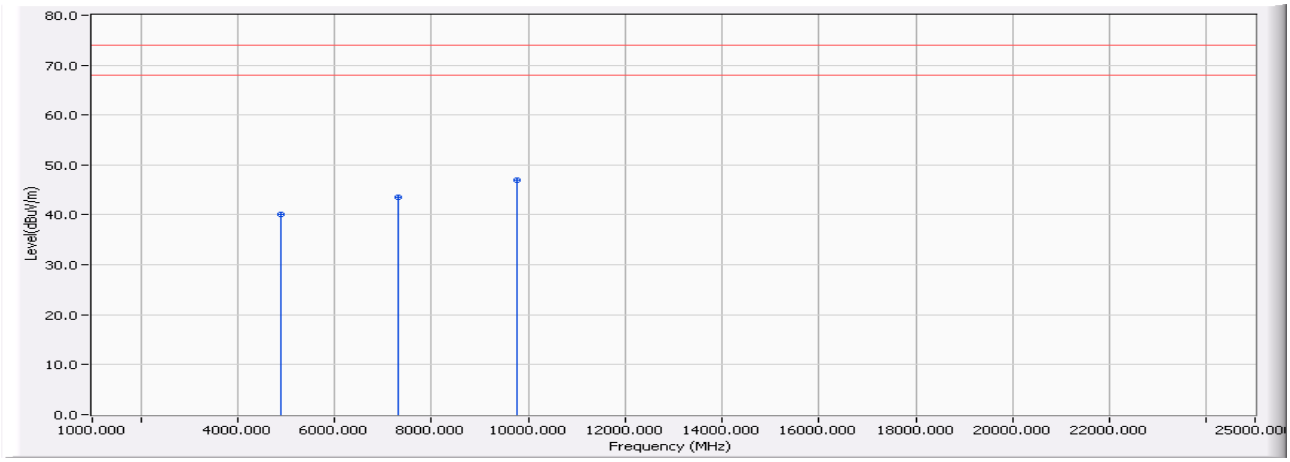


Fig.3-11 Radiated emission measurements for mode 2(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4960.000	0.591	42.220	42.811	-31.189	74.000
7440.000	3.924	41.380	45.304	-28.696	74.000
9920.000	6.468	40.125	46.593	-27.407	74.000
Vertical Peak Detector:					
4960.000	0.591	41.331	41.922	-32.078	74.000
7440.000	3.924	40.384	44.308	-29.692	74.000
9920.000	6.468	40.189	46.657	-27.343	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type	:	Standard Battery

Horizontal

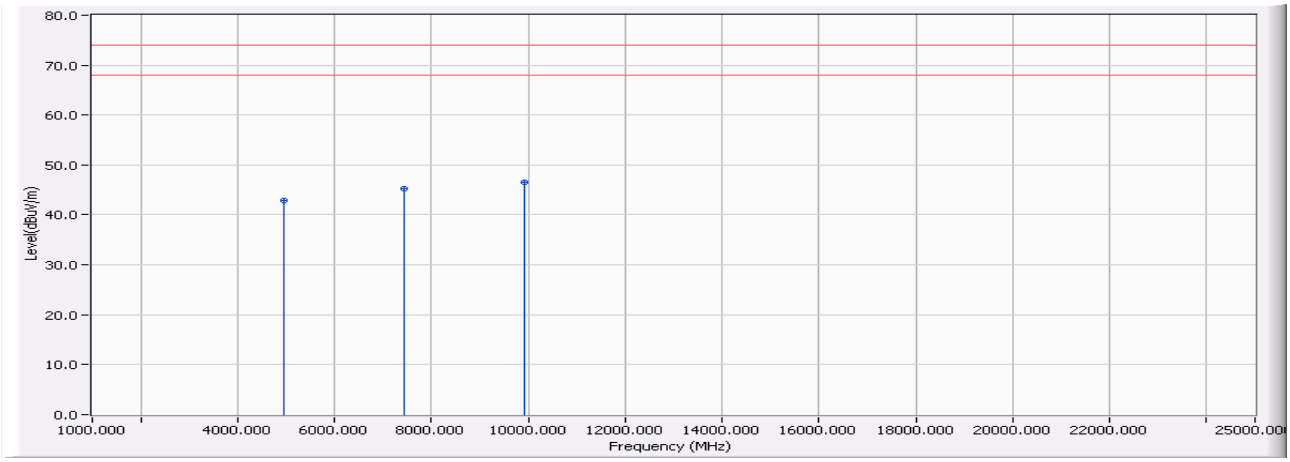


Fig.3-12 Radiated emission measurements for mode 2(Ch. 78).

Vertical

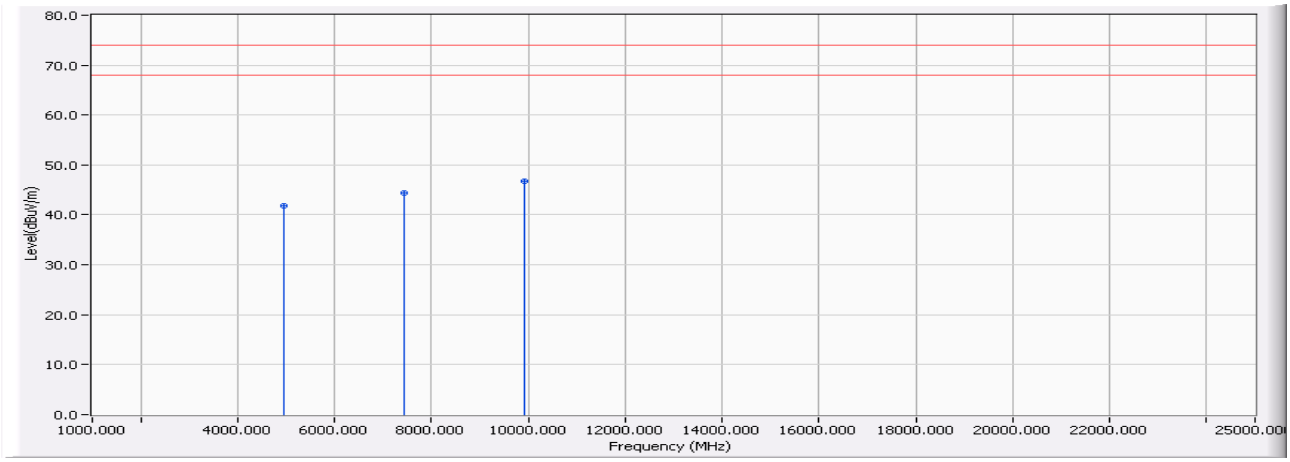


Fig.3-13 Radiated emission measurements for mode2(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4804.000	-0.205	41.850	41.645	-32.355	74.000
7206.000	3.294	42.013	45.307	-28.693	74.000
9608.000	5.696	40.880	46.576	-27.424	74.000
Vertical					
Peak Detector:					
4804.000	-0.205	42.220	42.015	-31.985	74.000
7206.000	3.294	41.650	44.944	-29.056	74.000
9608.000	5.696	40.550	46.246	-27.754	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Extended Battery

Horizontal

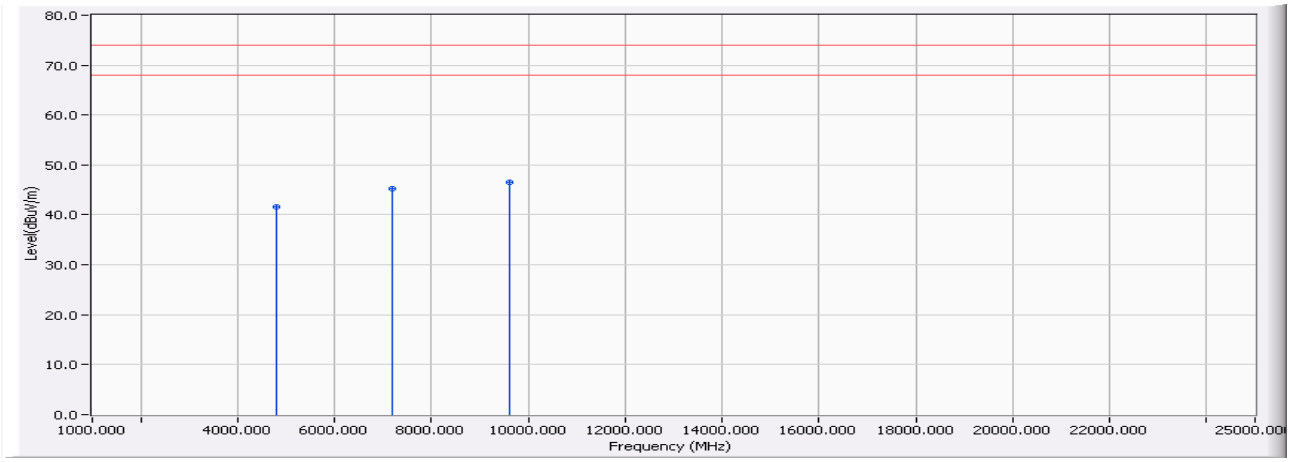


Fig.3-14 Radiated emission measurements for mode 1(Ch. 00).

Vertical

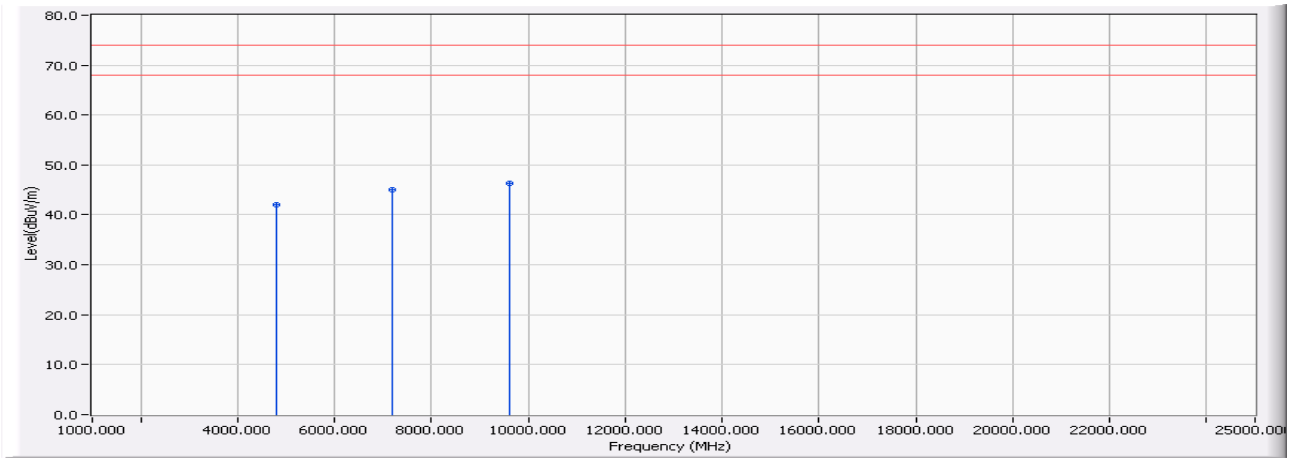


Fig.3-15 Radiated emission measurements for mode 1(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4882.000	-0.276	41.940	41.664	-32.336	74.000
7323.000	3.330	40.820	44.149	-29.851	74.000
9764.000	6.262	40.440	46.703	-27.297	74.000
Vertical Peak Detector:					
4882.000	-0.276	42.750	42.474	-31.526	74.000
7323.000	3.330	40.170	43.499	-30.501	74.000
9764.000	6.262	40.350	46.613	-27.387	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type	:	Extended Battery

Horizontal

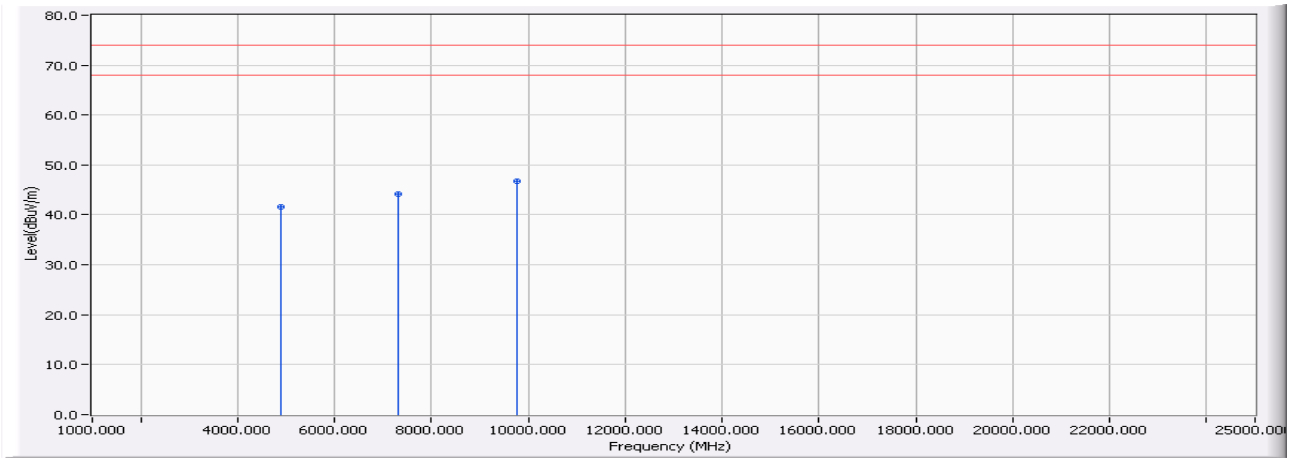


Fig.3-16 Radiated emission measurements for mode 1(Ch. 39).

Vertical

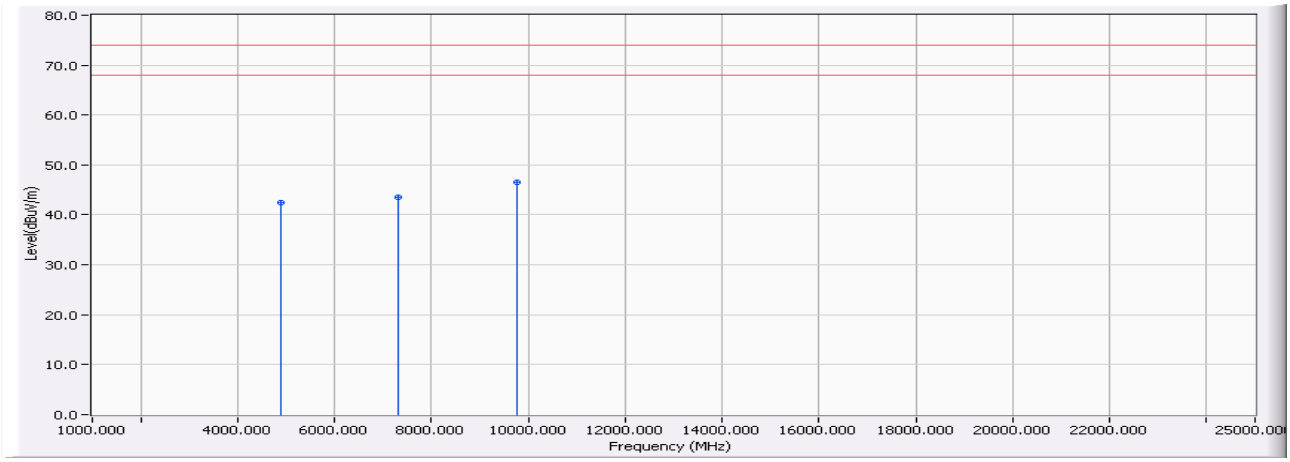


Fig.3-17 Radiated emission measurements for mode 1(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4960.000	0.591	41.930	42.521	-31.479	74.000
7440.000	3.924	40.340	44.264	-29.736	74.000
9920.000	6.468	39.920	46.388	-27.612	74.000
Vertical Peak Detector:					
4960.000	0.591	42.430	43.021	-30.979	74.000
7440.000	3.924	40.620	44.544	-29.456	74.000
9920.000	6.468	39.060	45.528	-28.472	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Extended Battery

Horizontal

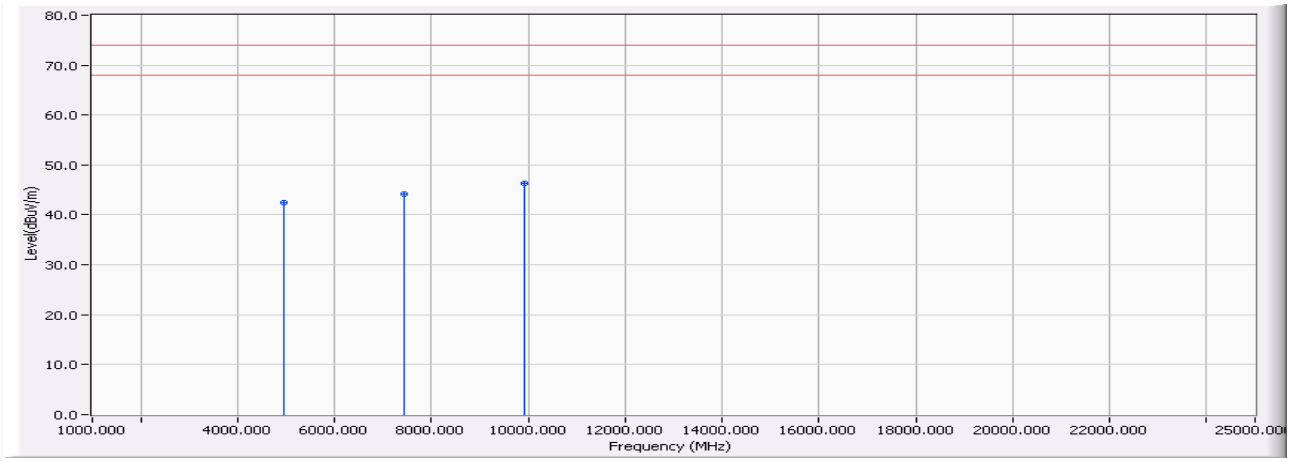


Fig.3-18 Radiated emission measurements for mode 1(Ch. 78).

Vertical

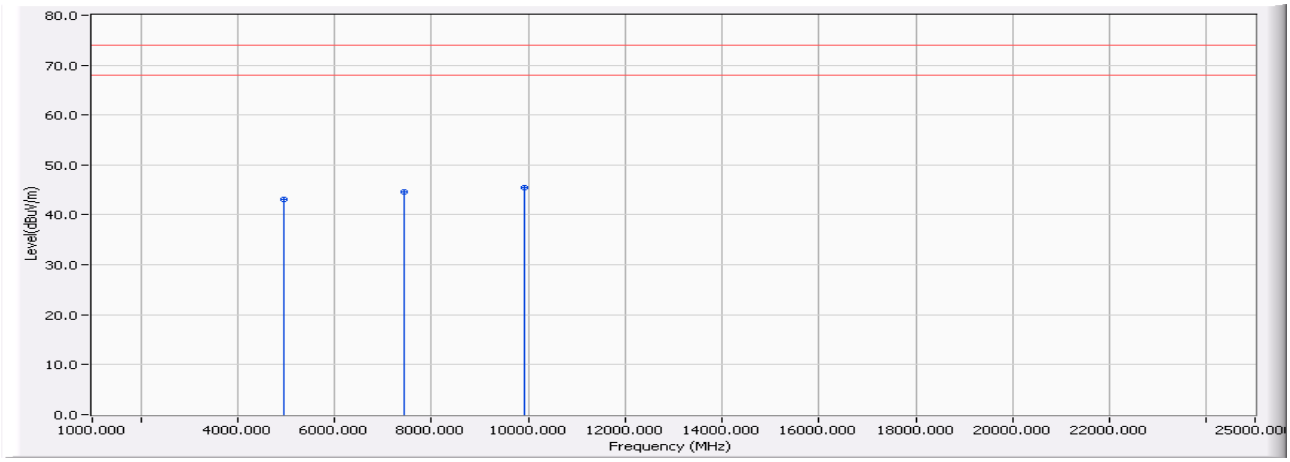


Fig.3-19 Radiated emission measurements for mode 1(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4804.000	-0.311	42.170	41.858	-32.112	73.970
7206.000	3.202	41.780	44.982	-28.988	73.970
9608.000	5.702	42.590	48.292	-25.678	73.970
Vertical					
Peak Detector:					
4804.000	-0.311	41.960	41.648	-32.322	73.970
7206.000	3.202	41.080	44.282	-29.688	73.970
9608.000	5.702	41.330	47.032	-26.938	73.970

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type	:	Extended Battery

Horizontal

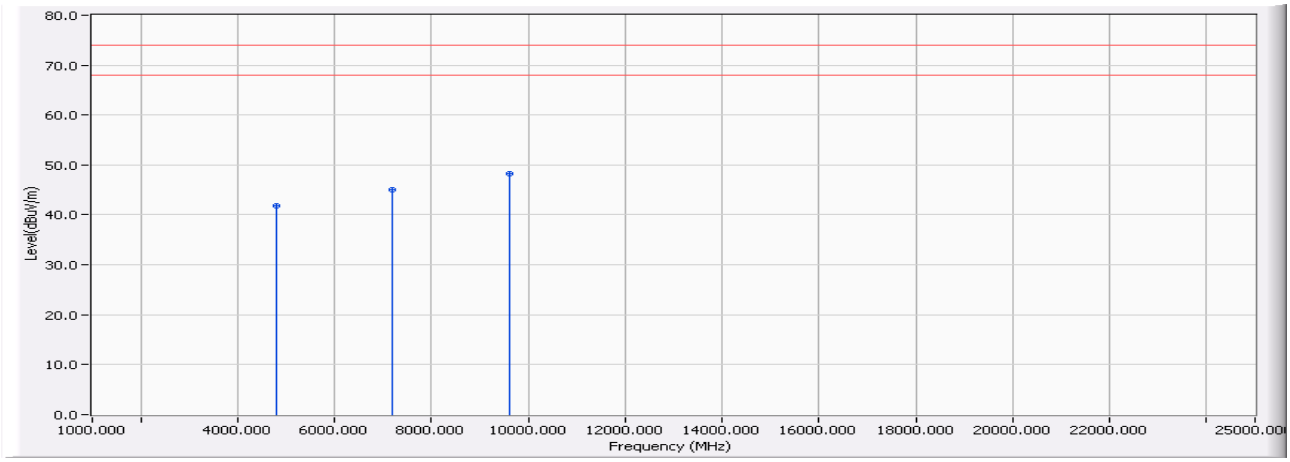


Fig.3-20 Radiated emission measurements for mode 2(Ch. 00).

Vertical

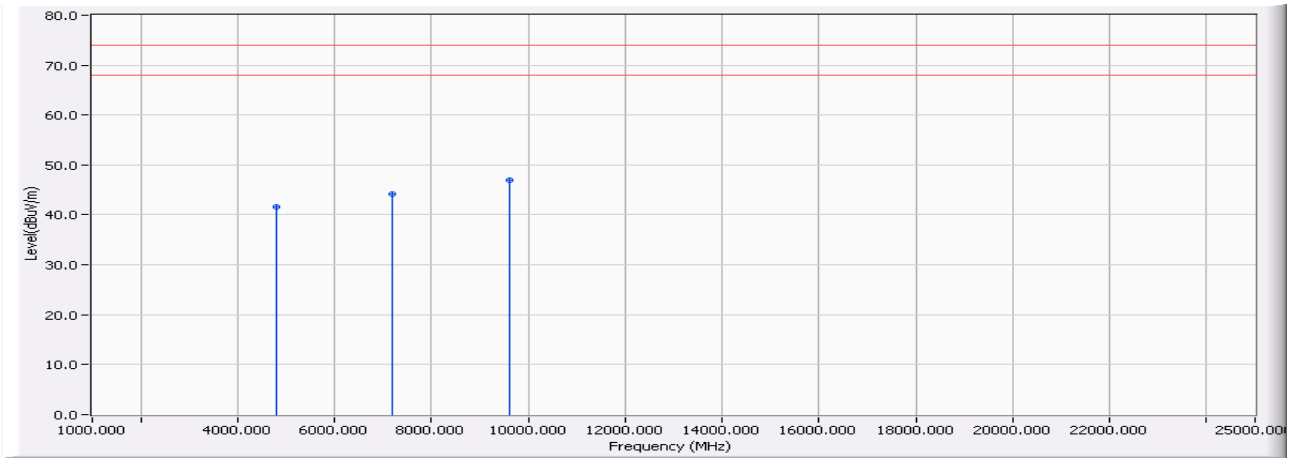


Fig.3-21 Radiated emission measurements for mode 2(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4882.000	33.943	42.650	42.732	-31.238	73.970
7323.000	38.568	40.880	44.220	-29.750	73.970
9764.000	40.514	40.320	46.585	-27.385	73.970
Vertical Peak Detector:					
4882.000	-0.276	42.230	41.954	-32.046	74.000
7323.000	3.330	40.320	43.649	-30.351	74.000
9764.000	6.262	40.160	46.423	-27.577	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type	:	Extended Battery

Horizontal

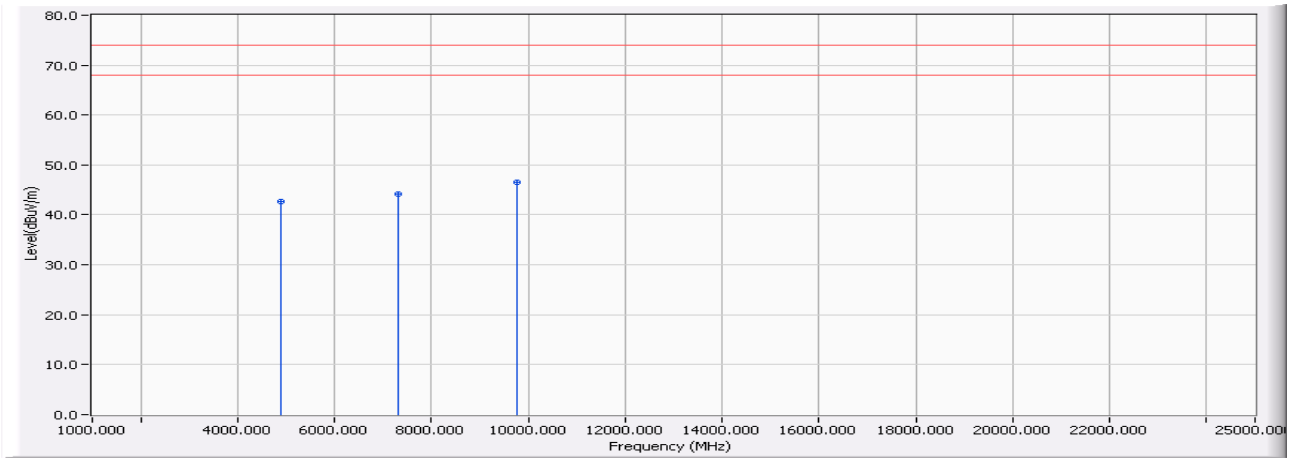


Fig.3-22 Radiated emission measurements for mode 2(Ch. 39).

Vertical

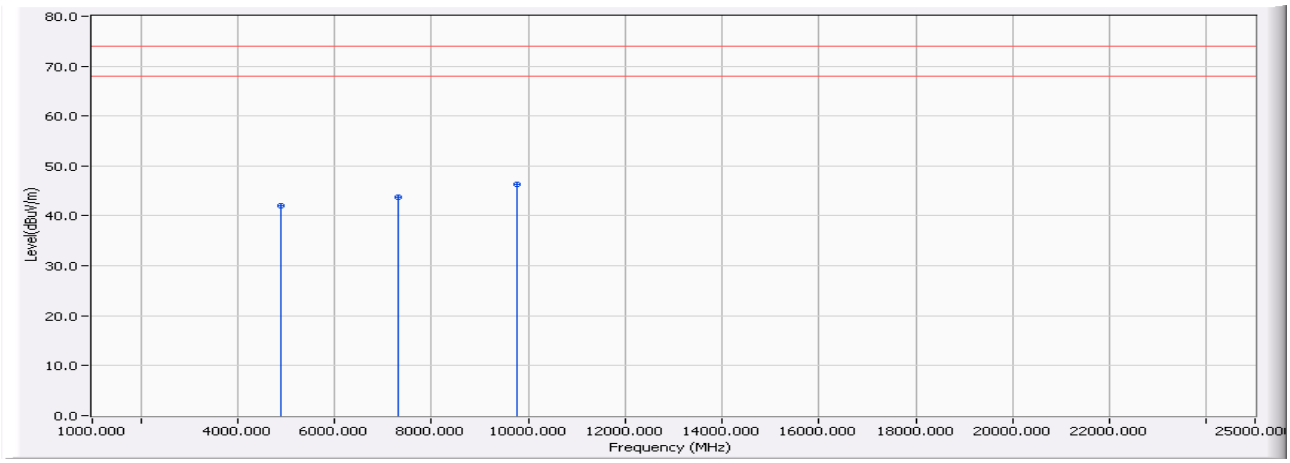


Fig.3-23 Radiated emission measurements for mode 2(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Harmonic Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
4960.000	34.103	41.270	41.861	-32.139	74.000
7440.000	38.738	39.430	43.354	-30.646	74.000
9920.000	40.622	39.040	45.508	-28.492	74.000
Vertical Peak Detector:					
4960.000	0.591	41.170	41.761	-32.239	74.000
7440.000	3.924	39.720	43.644	-30.356	74.000
9920.000	6.468	38.870	45.338	-28.662	74.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	Harmonic Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type	:	Extended Battery

Horizontal

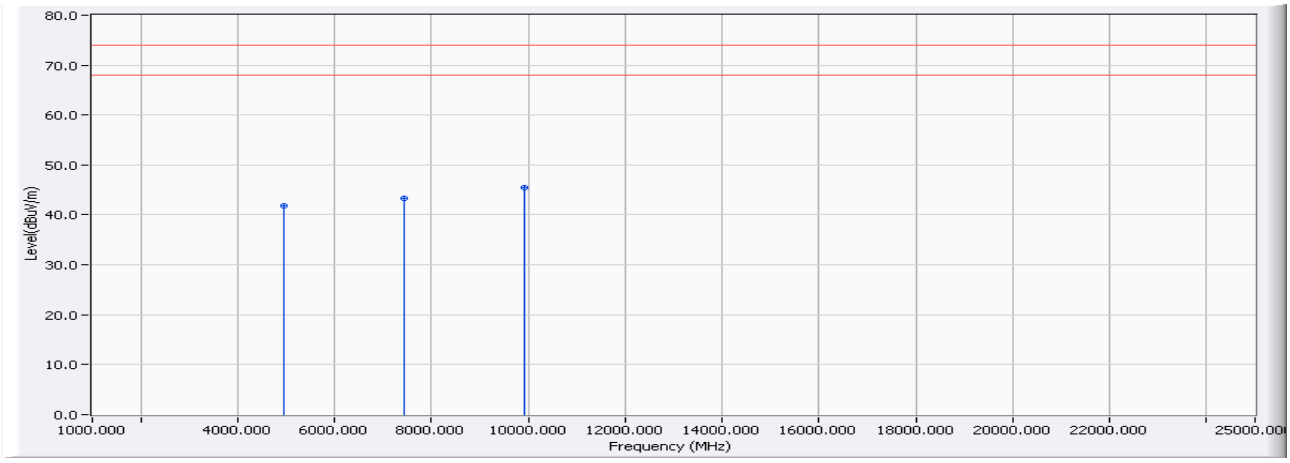


Fig.3-24 Radiated emission measurements for mode 2(Ch. 78).

Vertical

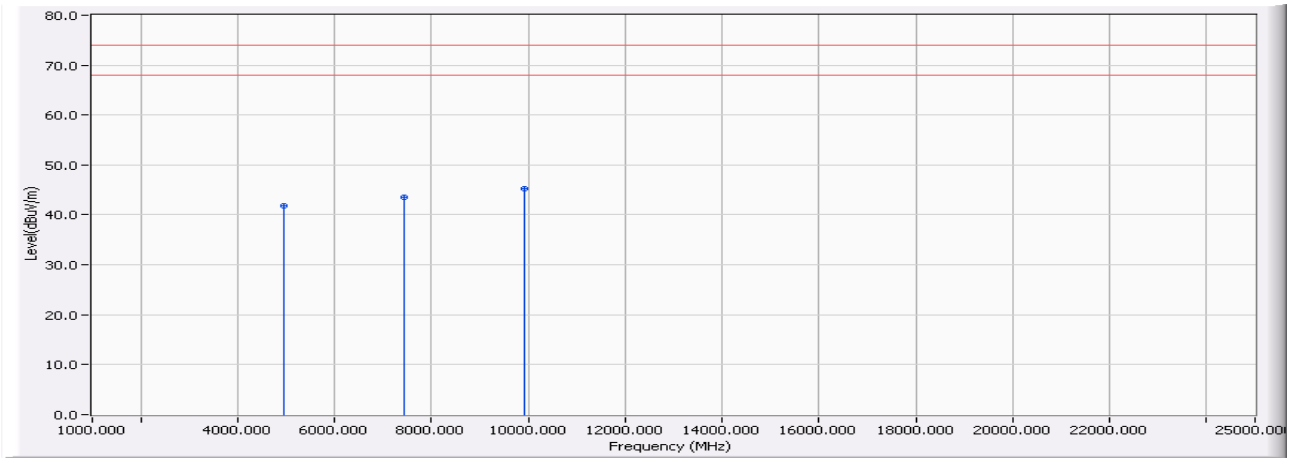


Fig.3-25 Radiated emission measurements for mode 2 (Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : General Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
32.420	17.721	7.009	24.730	-15.270	40.000
39.700	13.936	12.464	26.400	-13.600	40.000
114.870	13.447	4.893	18.340	-25.160	43.500
199.750	11.593	2.747	14.340	-29.160	43.500
289.470	16.318	2.322	18.640	-27.360	46.000
604.720	24.327	3.303	27.630	-18.370	46.000
Vertical					
39.700	13.936	14.804	28.740	-11.260	40.000
44.550	11.428	18.282	29.710	-10.290	40.000
54.250	7.792	15.118	22.910	-17.090	40.000
199.570	11.590	13.490	25.080	-18.420	43.500
250.670	15.357	4.603	19.960	-26.040	46.000
694.450	25.089	2.291	27.380	-18.620	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak Value
2. " " means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	General Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type	:	Standard Battery

Horizontal

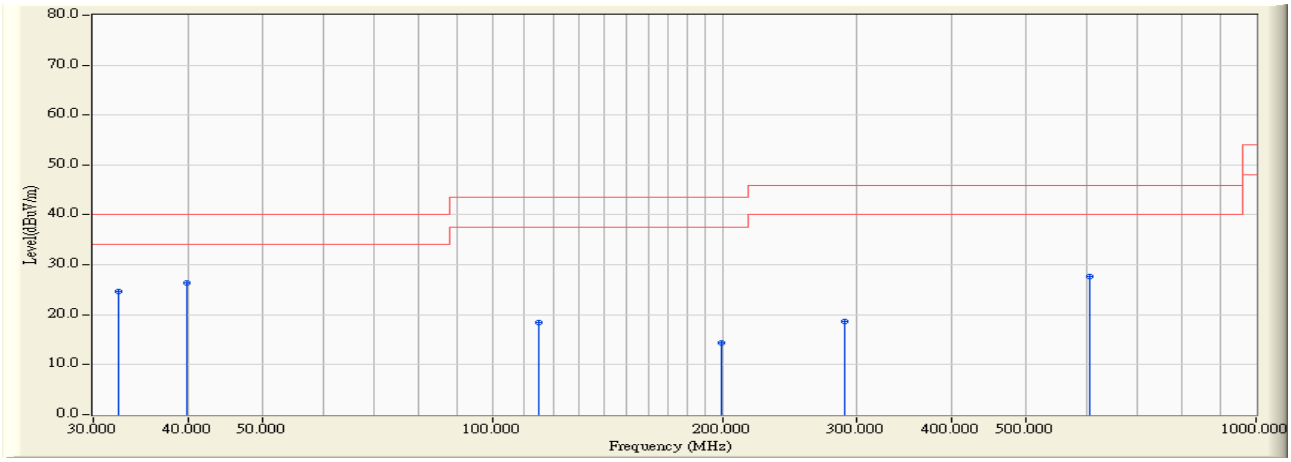


Fig.3-26 Radiated emission measurements for mode 1. (Ch. 00)

Vertical

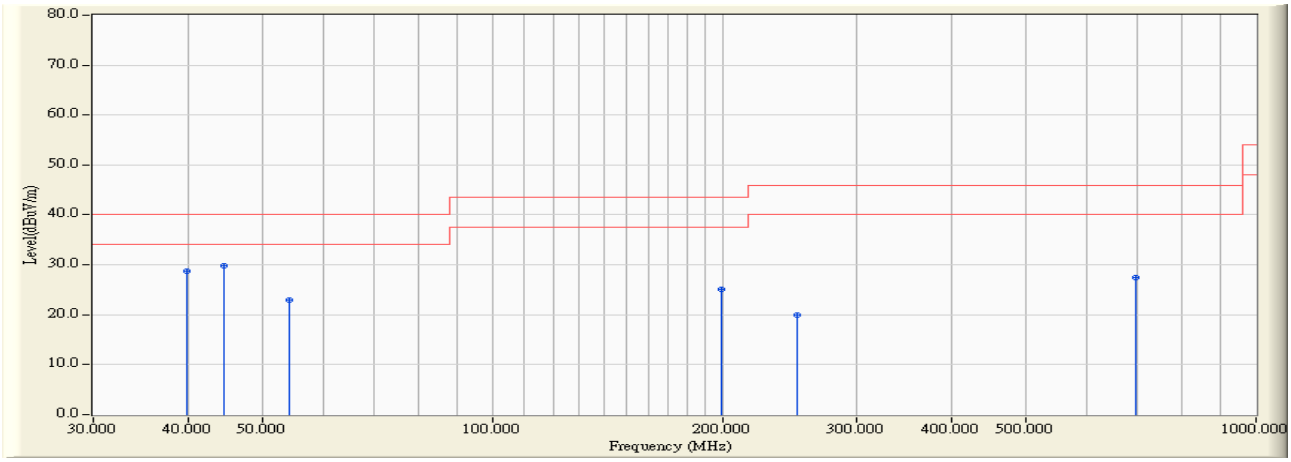


Fig.3-27 Radiated emission measurements for mode 1(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : General Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch.39)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
39.700	13.936	13.334	27.270	-12.730	40.000
54.250	7.792	8.778	16.570	-23.430	40.000
114.870	13.447	3.583	17.030	-26.470	43.500
207.020	11.644	6.597	18.240	-25.260	43.500
333.120	17.830	1.740	19.570	-26.430	46.000
655.650	24.878	3.212	28.090	-17.910	46.000
Vertical					
44.550	11.428	18.192	29.620	-10.380	40.000
54.250	7.792	14.718	22.510	-17.490	40.000
152.310	12.337	9.723	22.060	-21.440	43.500
199.750	11.593	13.807	25.400	-18.100	43.500
459.220	21.340	1.010	22.350	-23.650	46.000
636.250	24.785	2.255	27.040	-18.960	46.000

Note:

1 All Readings below 1GHz are Quasi-Peak Value
2. " " means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	General Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch.39)
Battery Type	:	Standard Battery

Horizontal

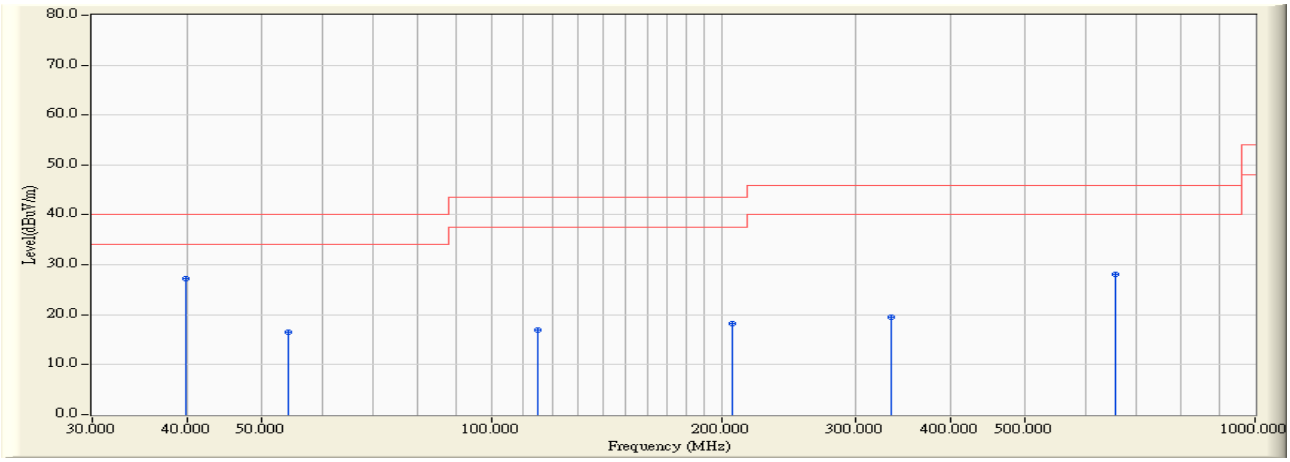


Fig.3-28 Radiated emission measurements for mode 1(Ch.39).

Vertical

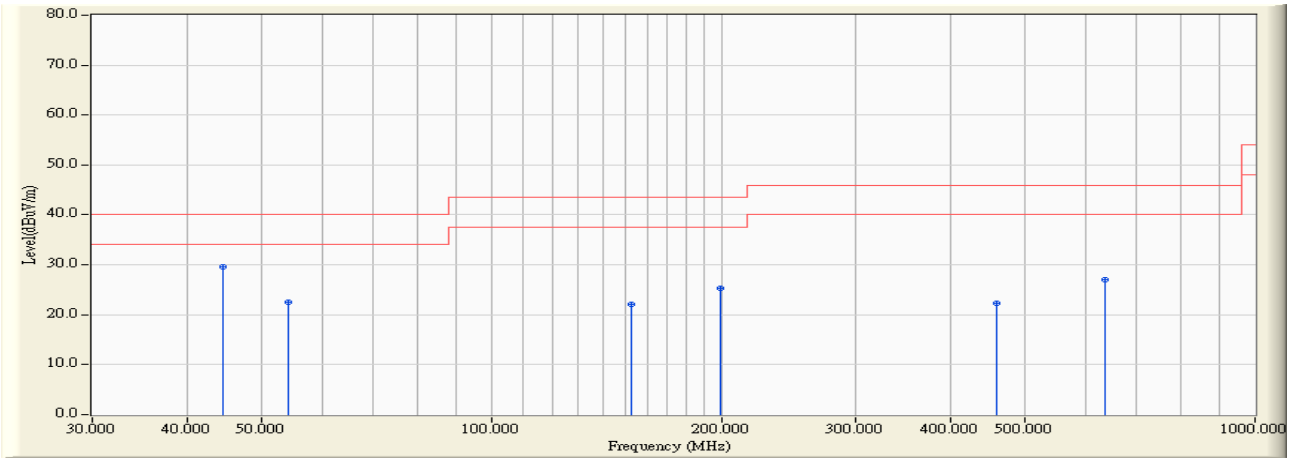


Fig.3-29 Radiated emission measurements for mode 1(Ch.39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : General Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
39.700	13.936	12.034	25.970	-14.030	40.000
46.970	10.307	8.373	18.680	-21.320	40.000
117.300	13.513	1.057	14.570	-28.930	43.500
236.120	13.621	2.319	15.940	-30.060	46.000
333.750	17.849	2.021	19.870	-26.130	46.000
616.850	24.547	3.293	27.840	-18.160	46.000
Vertical					
44.550	11.428	18.732	30.160	-9.840	40.000
54.250	7.792	12.728	20.520	-19.480	40.000
151.250	12.412	5.998	18.410	-25.090	43.500
199.750	11.593	13.597	25.190	-18.310	43.500
434.970	20.934	2.476	23.410	-22.590	46.000
699.300	25.192	2.648	27.840	-18.160	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak Value
2. " " means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	General Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type	:	Standard Battery

Horizontal

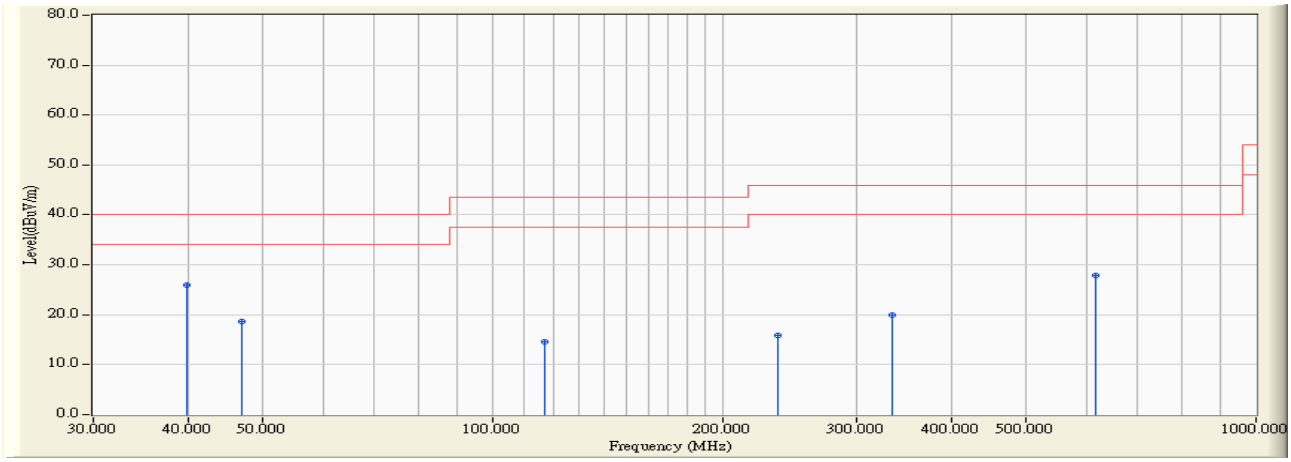


Fig.3-30 Radiated emission measurements for mode 1(Ch. 78).

Vertical

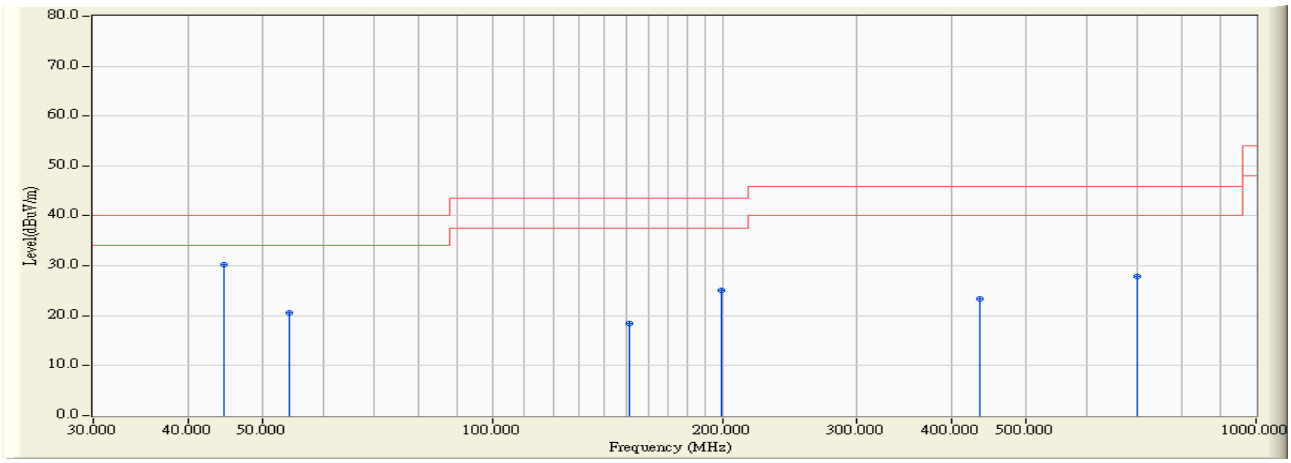


Fig.3-31 Radiated emission measurements for mode 1(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : General Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
39.700	13.936	13.774	27.710	-12.290	40.000
117.300	13.513	2.127	15.640	-27.860	43.500
224.000	11.951	3.619	15.570	-30.430	46.000
287.050	16.229	1.371	17.600	-28.400	46.000
442.250	20.975	2.805	23.780	-22.220	46.000
531.970	23.165	2.295	25.460	-20.540	46.000
Vertical					
44.550	11.428	18.952	30.380	-9.620	40.000
71.220	6.945	10.555	17.500	-22.500	40.000
117.300	13.513	2.157	15.670	-27.830	43.500
199.750	11.593	13.457	25.050	-18.450	43.500
401.020	20.359	3.282	23.640	-22.360	46.000
687.170	24.961	1.789	26.750	-19.250	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak Value
2. " " means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	General Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type	:	Standard Battery

Horizontal

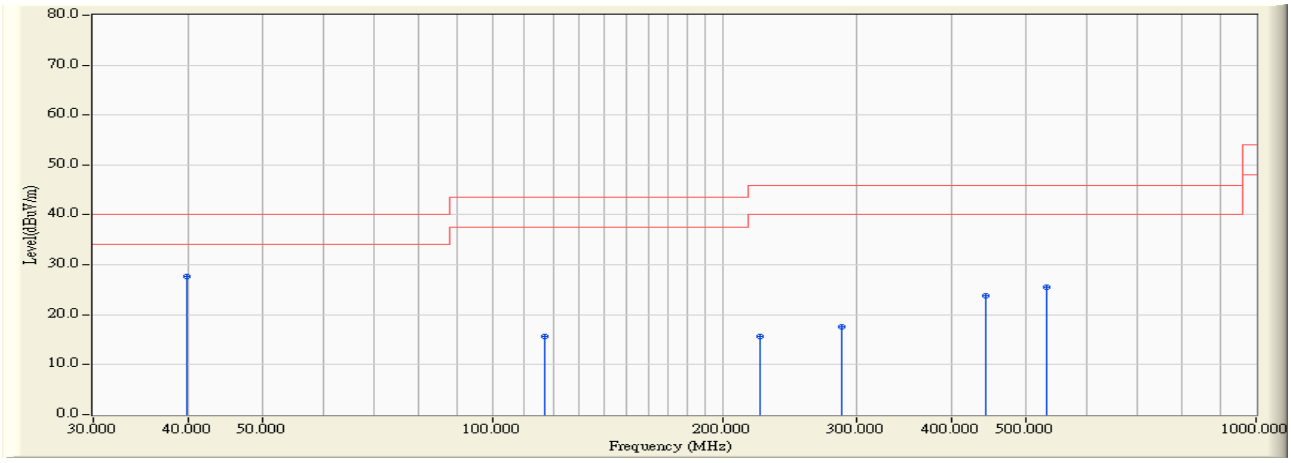


Fig.3-32 Radiated emission measurements for mode 2(Ch. 00).

Vertical

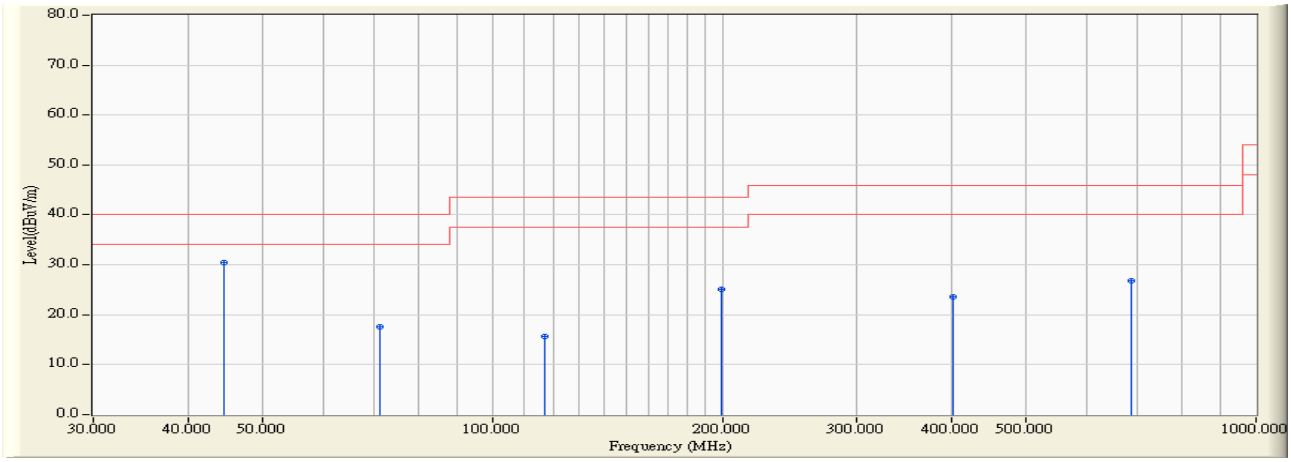


Fig.3-33 Radiated emission measurements for mode 2(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : General Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
39.700	13.936	12.974	26.910	-13.090	40.000
46.970	10.307	9.893	20.200	-19.800	40.000
63.950	6.456	8.164	14.620	-25.380	40.000
197.320	11.544	2.726	14.270	-29.230	43.500
357.370	18.771	2.749	21.520	-24.480	46.000
582.900	24.167	1.643	25.810	-20.190	46.000
Vertical					
30.000	18.900	7.170	26.070	-13.930	40.000
44.550	11.428	19.092	30.520	-9.480	40.000
71.220	6.945	19.625	26.570	-13.430	40.000
199.750	11.593	13.907	25.500	-18.000	43.500
444.670	21.020	2.650	23.670	-22.330	46.000
665.350	24.865	1.475	26.340	-19.660	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak Value
2. " " means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	General Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type	:	Standard Battery

Horizontal

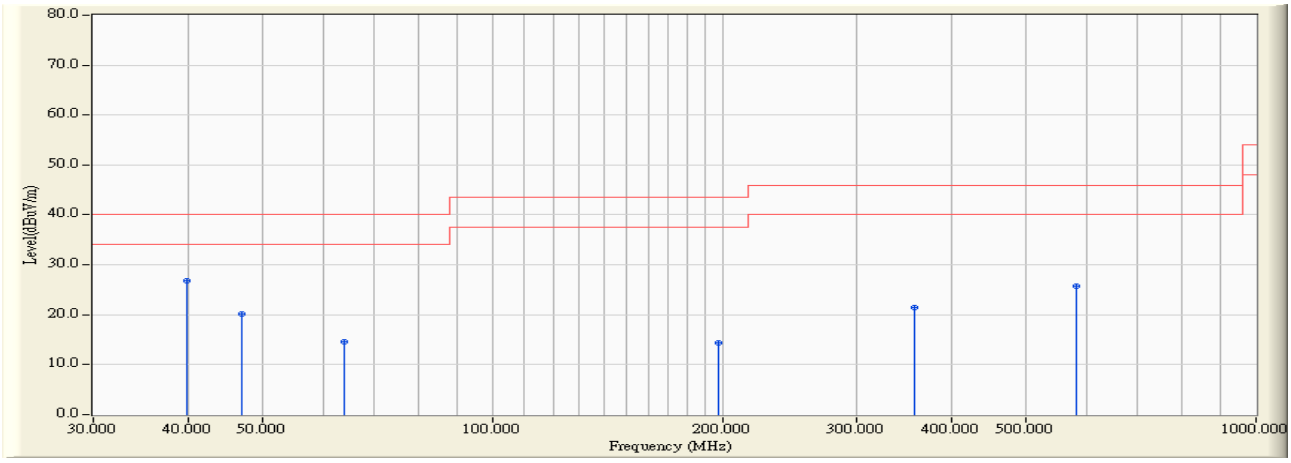


Fig.3-34 Radiated emission measurements for mode 2 (Ch. 39).

Vertical

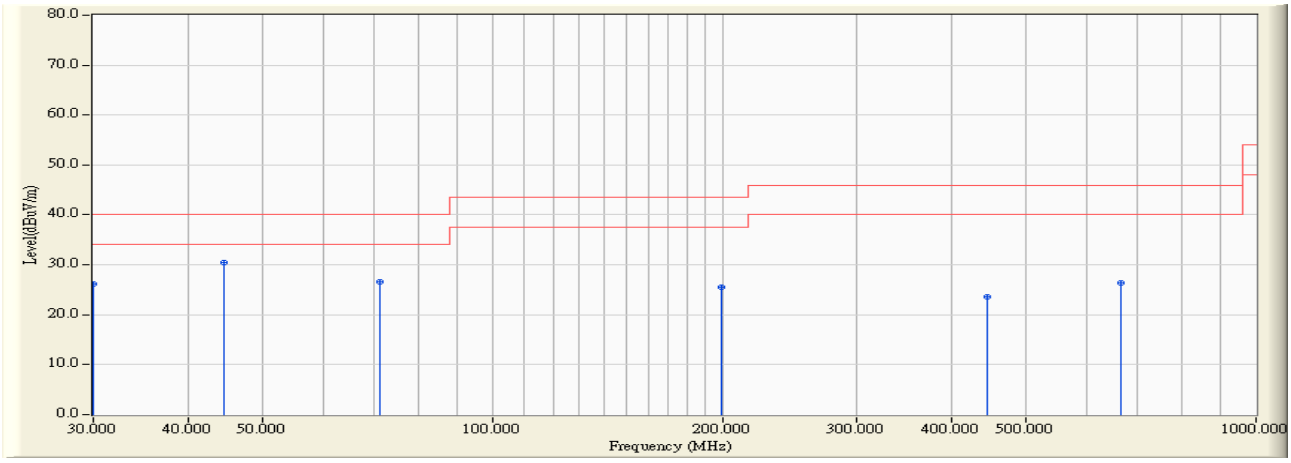


Fig.3-35 Radiated emission measurements for mode 2(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : General Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Standard Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
39.700	13.936	12.874	26.810	-13.190	40.000
49.970	9.120	11.390	20.510	-19.490	40.000
192.470	11.352	4.258	15.610	-27.890	43.500
335.550	17.894	1.096	18.990	-27.010	46.000
531.970	23.165	2.455	25.620	-20.380	46.000
641.100	24.850	1.580	26.430	-19.570	46.000
Vertical					
44.550	11.428	18.682	30.110	-9.890	40.000
56.670	7.201	12.729	19.930	-20.070	40.000
151.250	12.412	3.758	16.170	-27.330	43.500
199.750	11.593	13.247	24.840	-18.660	43.500
401.250	20.372	2.678	23.050	-22.950	46.000
670.200	24.870	1.560	26.430	-19.570	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak Value
2. " " means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	General Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type	:	Standard Battery

Horizontal

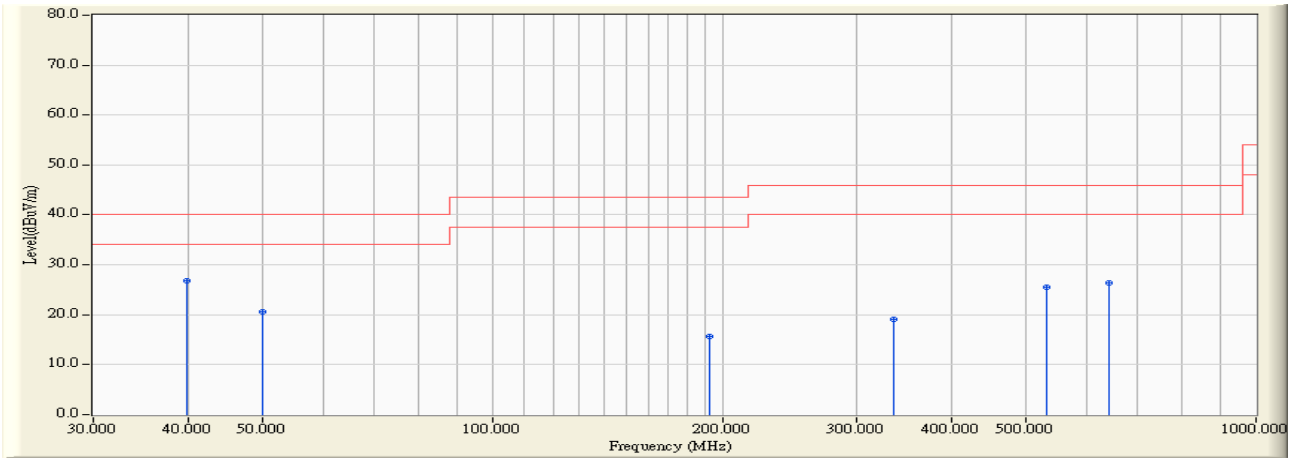


Fig.3-36 Radiated emission measurements for mode 2(Ch. 78).

Vertical

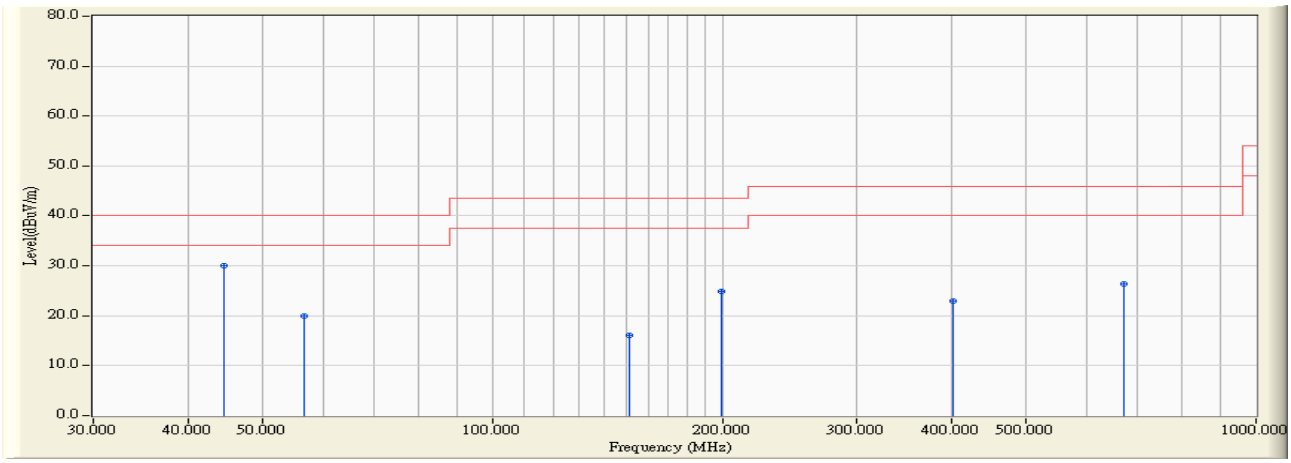


Fig.3-37 Radiated emission measurements for mode 2(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : General Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
39.700	13.936	13.694	27.630	-12.370	40.000
76.070	7.759	6.861	14.620	-25.380	40.000
180.350	11.014	5.156	16.170	-27.330	43.500
250.670	15.357	2.083	17.440	-28.560	46.000
270.070	15.846	4.734	20.580	-25.420	46.000
447.100	21.055	5.725	26.780	-19.220	46.000
Vertical					
30.000	18.900	12.350	31.250	-8.750	40.000
39.700	13.936	15.744	29.680	-10.320	40.000
54.250	7.792	12.758	20.550	-19.450	40.000
199.750	11.593	12.857	24.450	-19.050	43.500
403.450	20.491	1.119	21.610	-24.390	46.000
485.900	22.154	4.556	26.710	-19.290	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak Value
2. " " means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	General Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type	:	Extended Battery

Horizontal

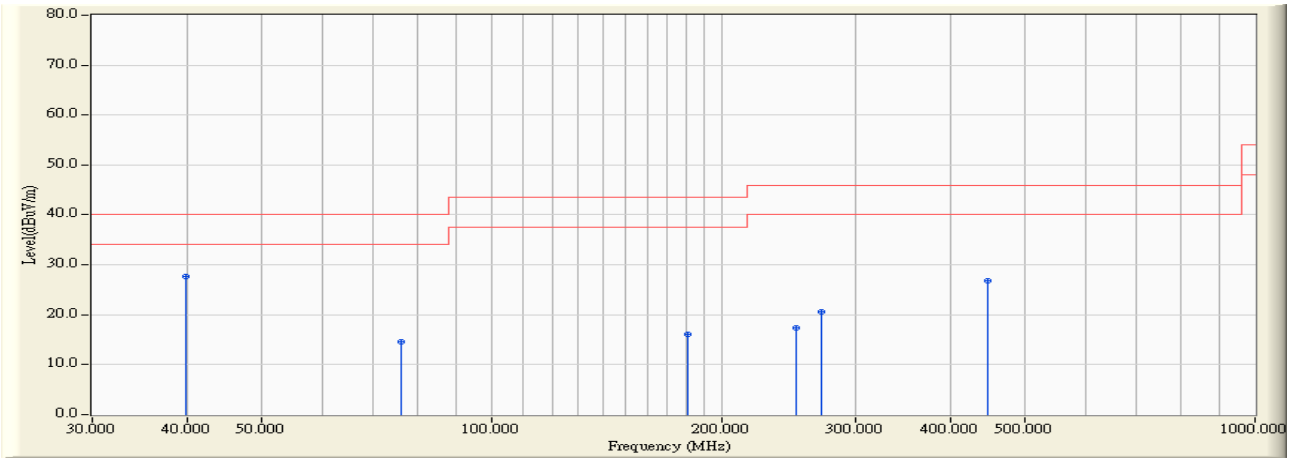


Fig.3-38 Radiated emission measurements for mode 1(Ch. 39).

Vertical

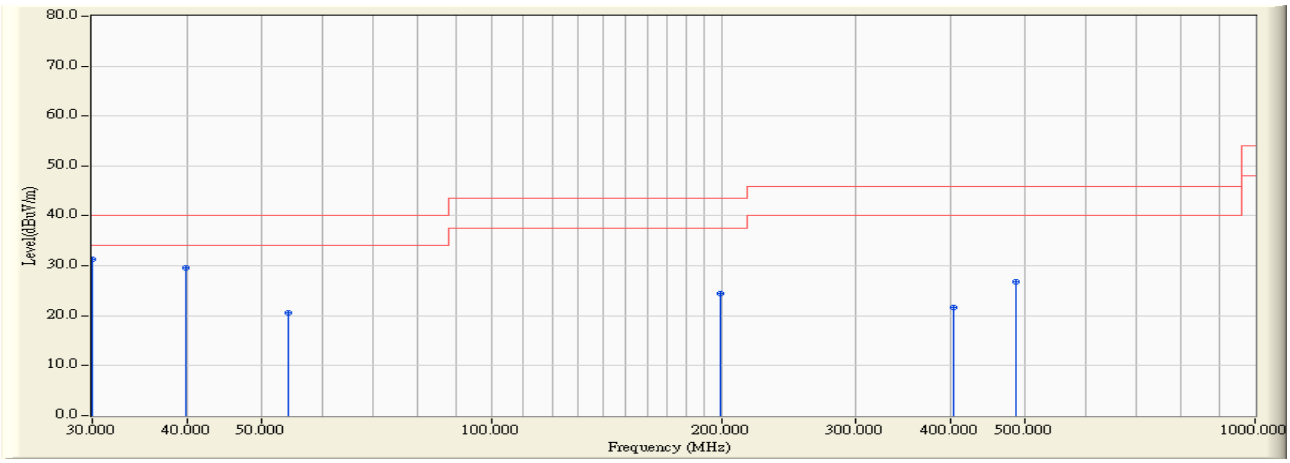


Fig.3-39 Radiated emission measurements for mode 1(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : General Radiated Emission
Test Site : No.2 OATS
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Extended Battery

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
39.700	13.936	14.264	28.200	-11.800	40.000
54.250	7.792	3.488	11.280	-28.720	40.000
202.170	11.633	1.077	12.710	-30.790	43.500
255.520	15.777	10.033	25.810	-20.190	46.000
333.120	17.830	1.980	19.810	-26.190	46.000
631.400	24.706	2.444	27.150	-18.850	46.000
Vertical					
30.000	18.900	13.870	32.770	-7.230	40.000
39.700	13.936	15.394	29.330	-10.670	40.000
54.250	7.792	11.348	19.140	-20.860	40.000
199.750	11.593	13.107	24.700	-18.800	43.500
485.900	22.154	2.516	24.670	-21.330	46.000
701.720	25.268	1.412	26.680	-19.320	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak Value
2. " " means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product	:	Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item	:	General Radiated Emission
Test Site	:	No.2 OATS
Test Mode	:	Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type	:	Extended Battery

Horizontal

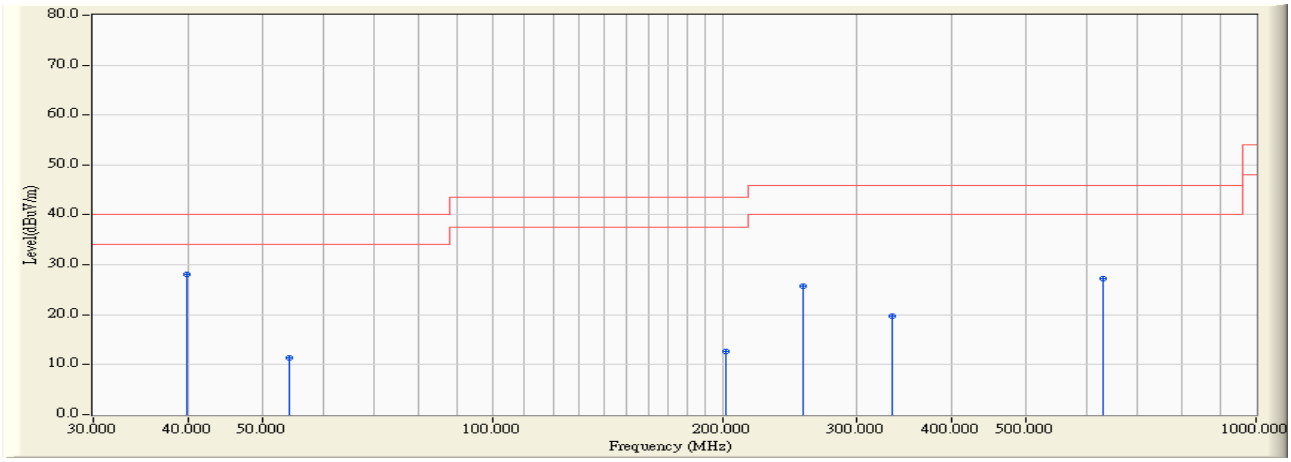


Fig.3-40 Radiated emission measurements for mode 2(Ch. 39).

Vertical

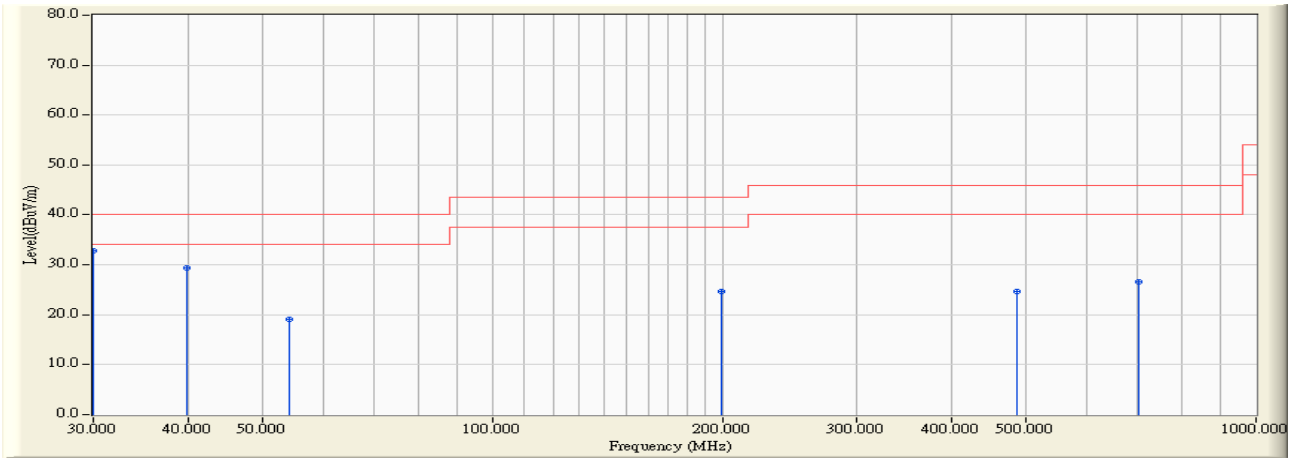


Fig.3-41 Radiated emission measurements for mode 2(Ch. 39).

5. Spurious RF Conducted Emissions

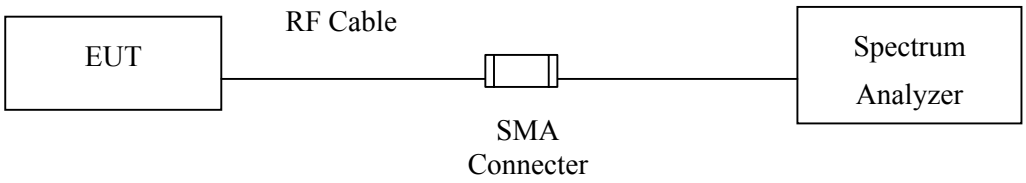
5.1. Test Equipment

The following test equipments are used during the band edge tests:

Item	Equipment	Manufacturer	Model No./ Serial No.	Calibration Date	Calbration Due
1	Spectrum Analyzer	Agilent	E4407B / US39440758	04. Jun, 2007	03. Jun, 2008
2	Bluetooth test set with Audio	Anritsu	MT8852B/ 6K00006247	26. Jul, 2007	25. Jul, 2008
3	Dual Directional	Agilent	778D-012/50550	10. Aug, 2007	09. Aug, 2008
4	Directional coupler	Agilent	87300C/ MY44300353	18. Aug, 2007	17. Aug, 2008

5.2. Test Setup

Spurious RF Conducted Measurement



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements.
Set RBW=100KHz, VBW ≥ RBW, Sweep = auto, Detector function = peak
Trace = max hold

5.5. Uncertainty

The measurement uncertainty is defined as ± 1.19 dB.

Contributions		Probability Distribution	Standard Uncertainty Ui(dB)
Reference level of spectrum analyzer	U01	Rectangular	0.03
Spectrum analyzer calibration	U02	Rectangular	0.058
Level accuracy	U03	Rectangular	0.29
Linearity of spectrum analyzer	U04	Rectangular	0.013
Mismatch on spectrum analyzer	U05	U-shaped	0.013
Mismatch : Reference leve Measurement	U06	U-shaped	0.04
Mismatch : direct attenuation measurement	U07	U-shaped	0.089
Attenuation measurement reading	U08	Normal	0.29
Attenuator: influence of the ambient temperature	U09	Normal	0
Attenuator: influence of setting the power supply	U10	Normal	0.017
EUT: influence of the ambient temperature	U11	Normal	0.1
EUT: influence of setting the power supply	U12	Normal	0.026
Mismatch on EUT	U13	U-shaped	0.391
Random: System Repeatability	U14	Standard Deviation	0.103
Combined Standard Uncertainty, U			0.597
Expanded Ucertainty (for a 95 % confidence level, k=2)			1.19

5.6. Test Result of Spurious RF Conducted Emissions

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Standard Battery

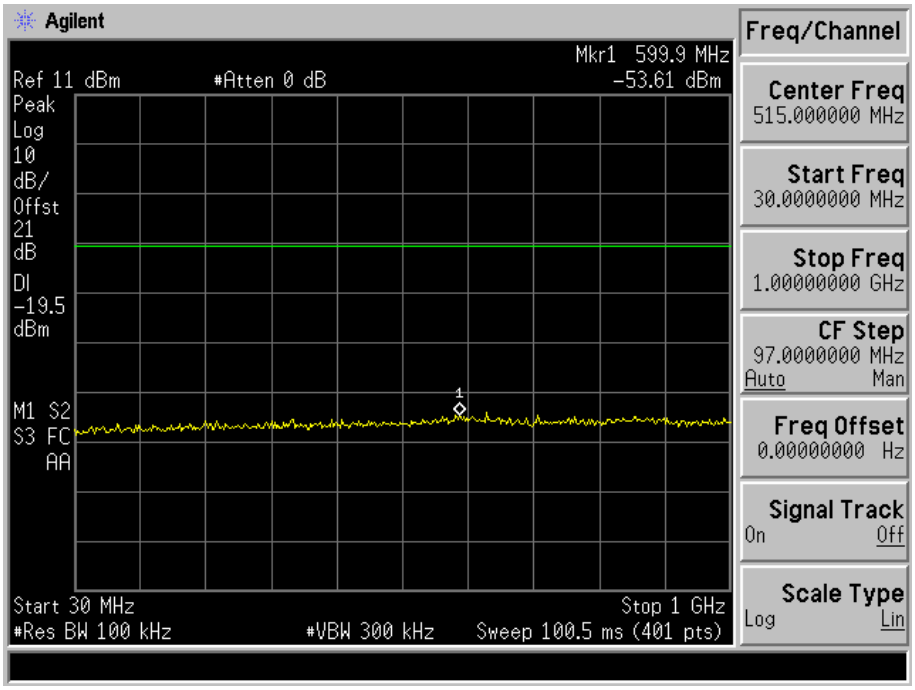


Fig.5-1 Conduct Spurious Emission for mode 1(Ch. 00).

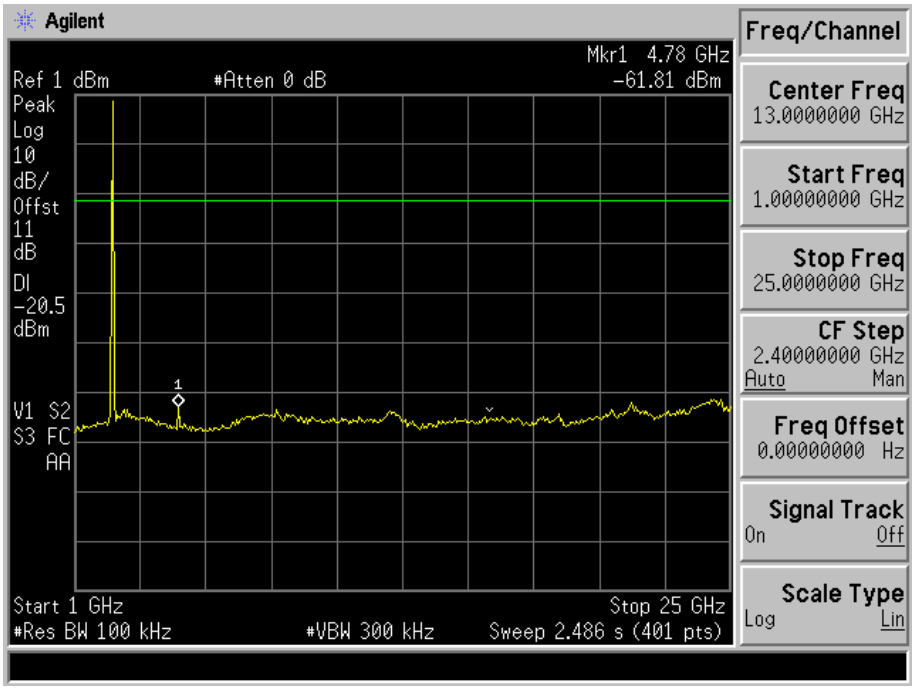


Fig.5-2 Conduct Spurious Emission for mode 1(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Standard Battery

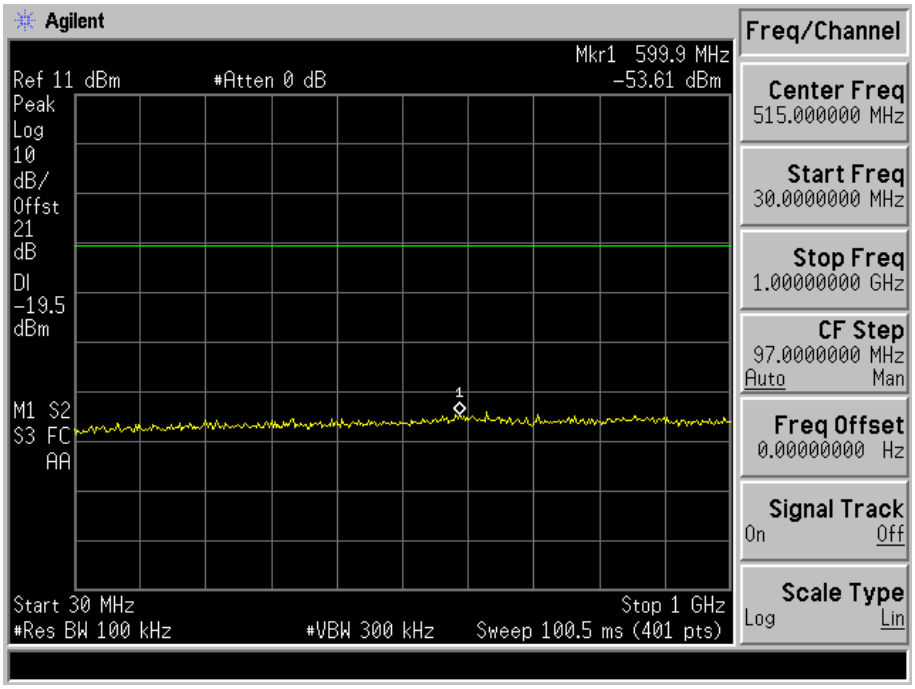


Fig.5-3 Conduct Spurious Emission for mode 1(Ch. 39).

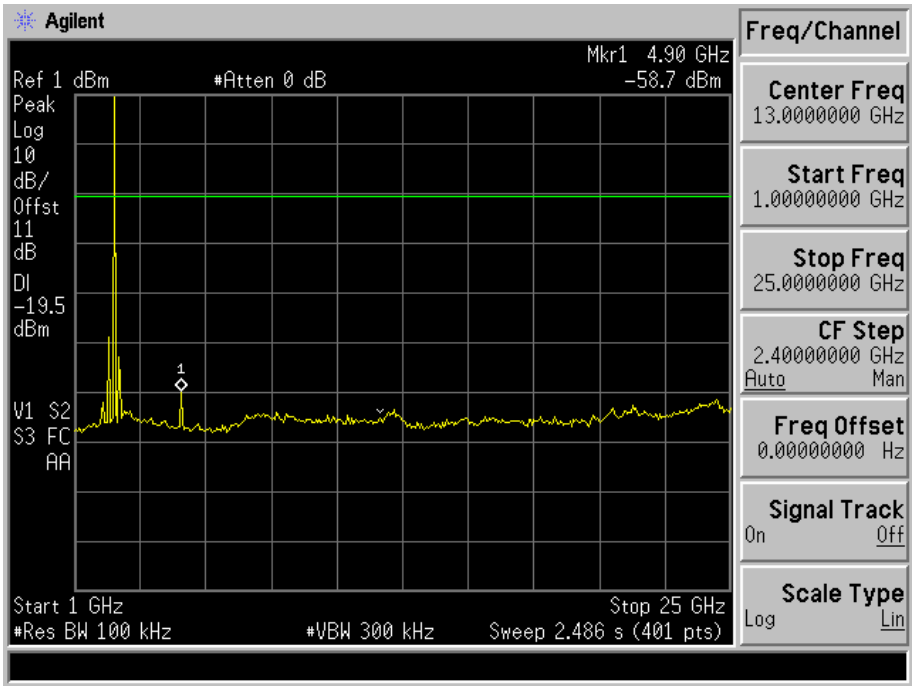


Fig.5-4 Conduct Spurious Emission for mode 1(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Standard Battery

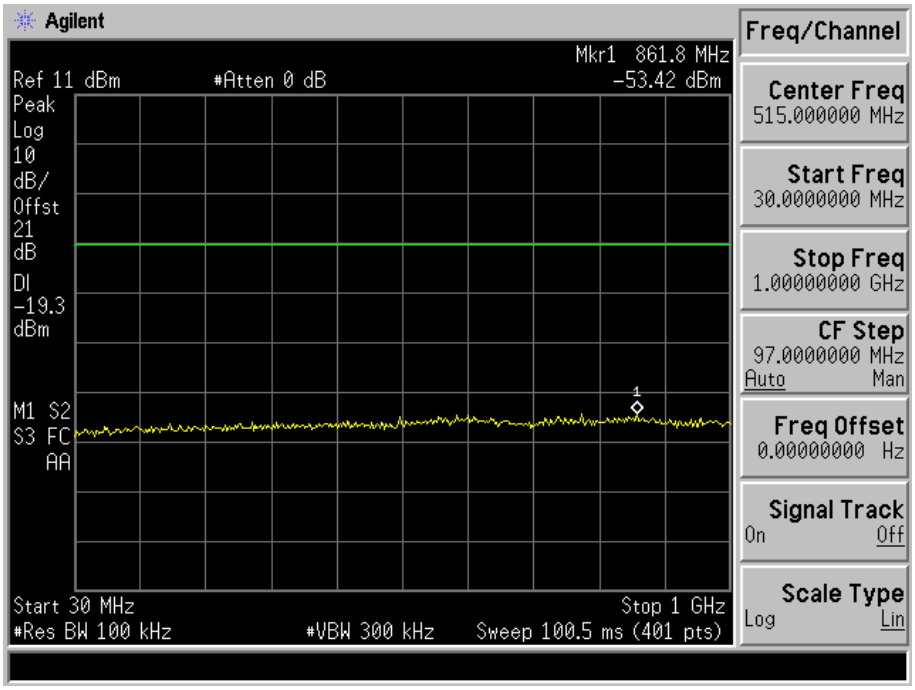


Fig.5-5 Conduct Spurious Emission for mode 1(Ch. 78).

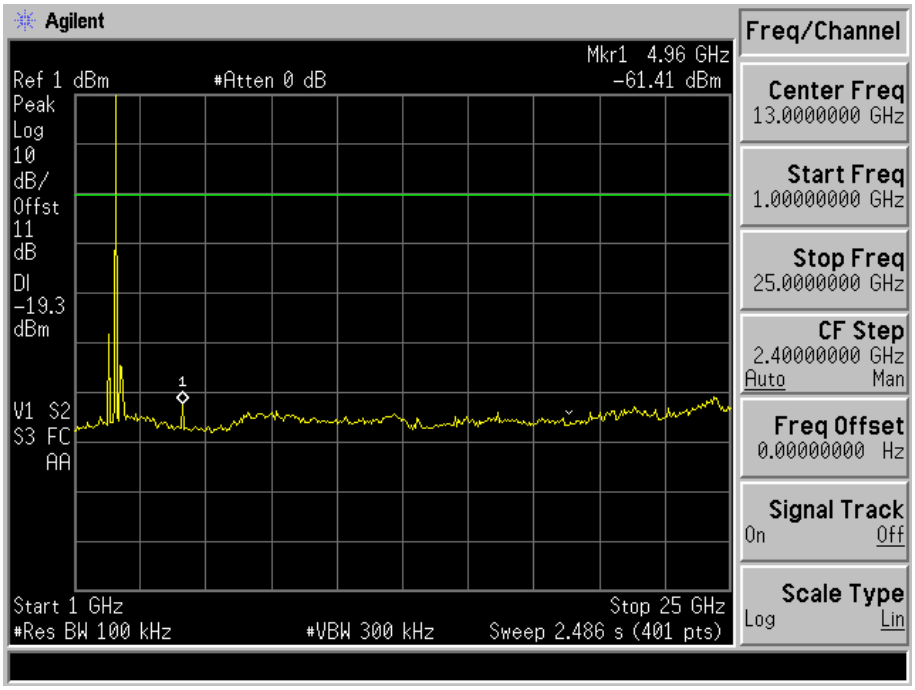


Fig.5-6 Conduct Spurious Emission for mode 1(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Standard Battery

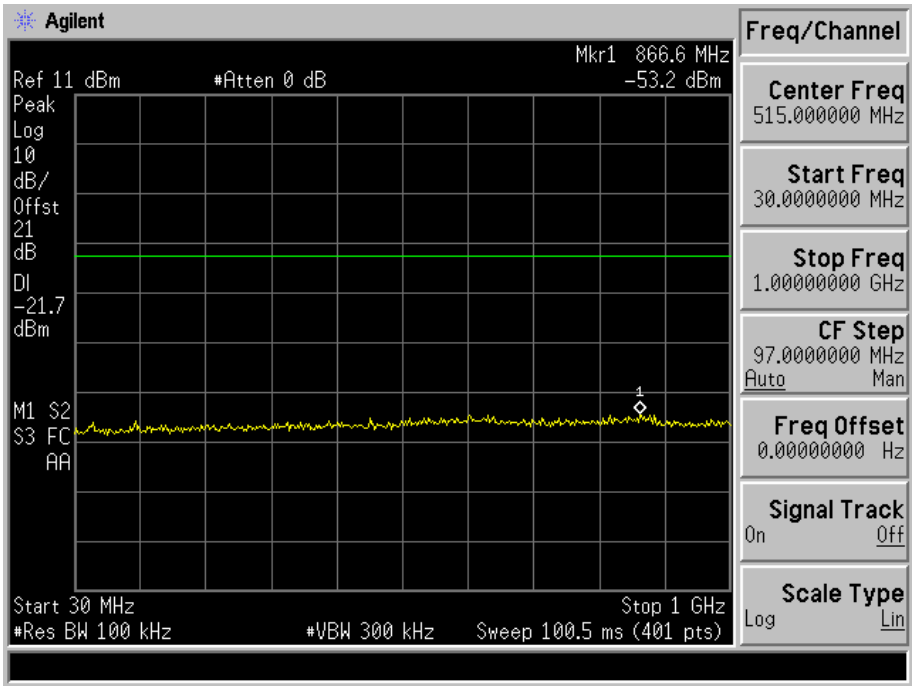


Fig.5-7 Conduct Spurious Emission for mode 2(Ch. 00).

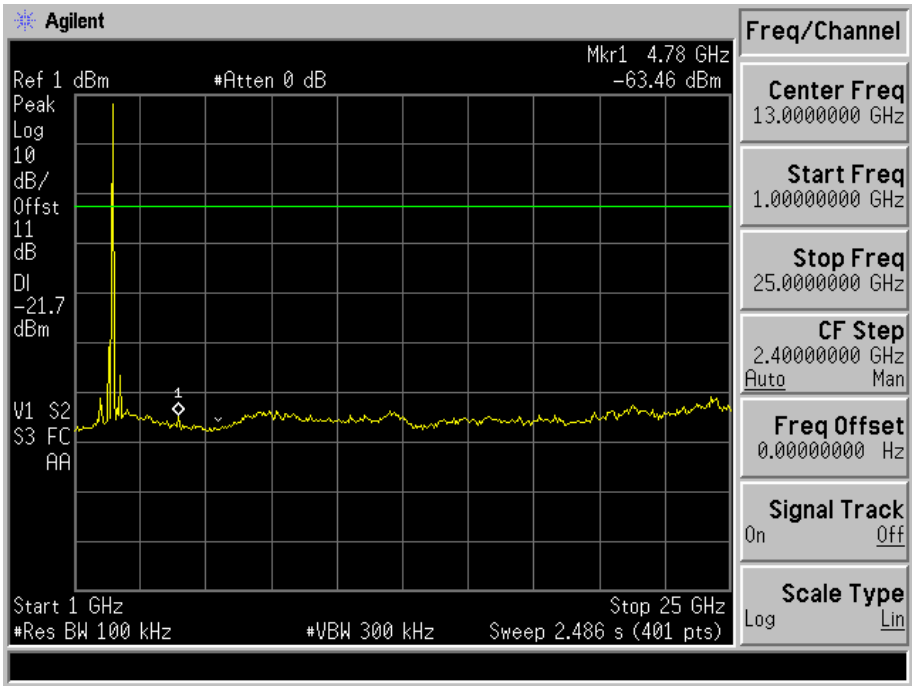


Fig.5-8 Conduct Spurious Emission for mode 2(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Standard Battery

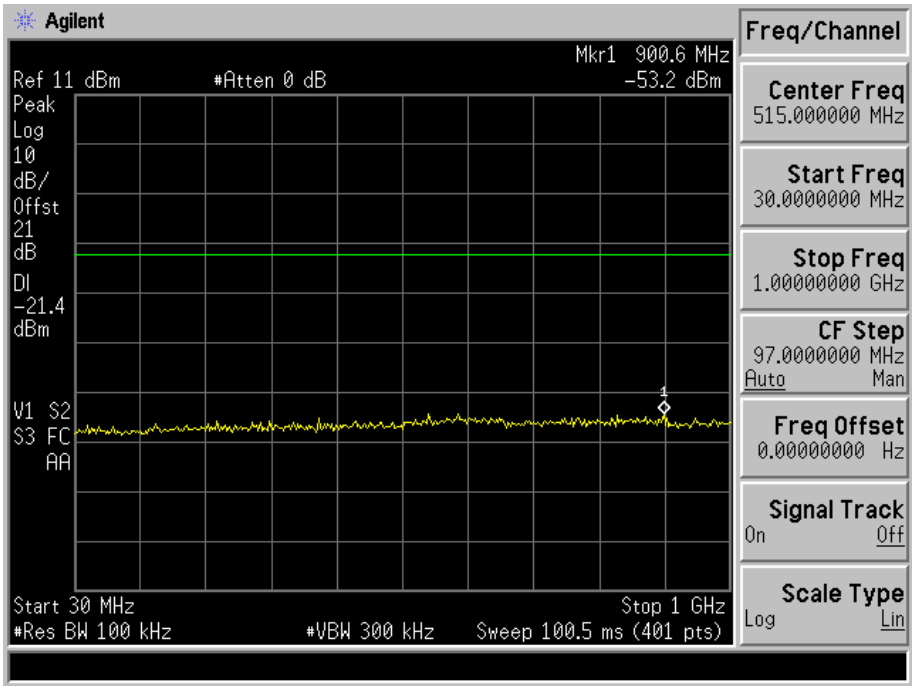


Fig.5-9 Conduct Spurious Emission for mode 2(Ch. 39).

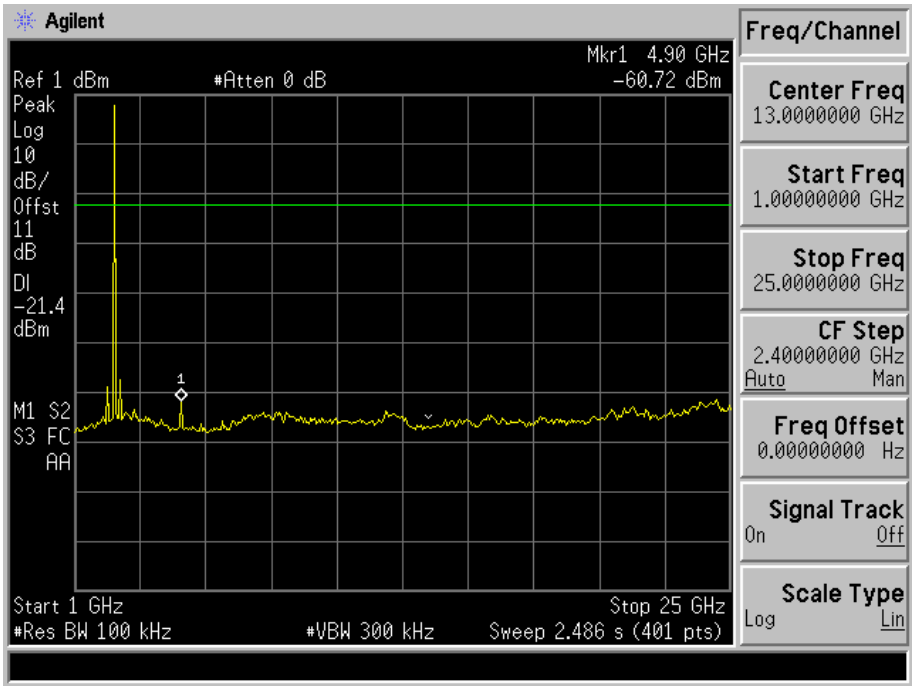


Fig.5-10 Conduct Spurious Emission for mode 2(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Standard Battery

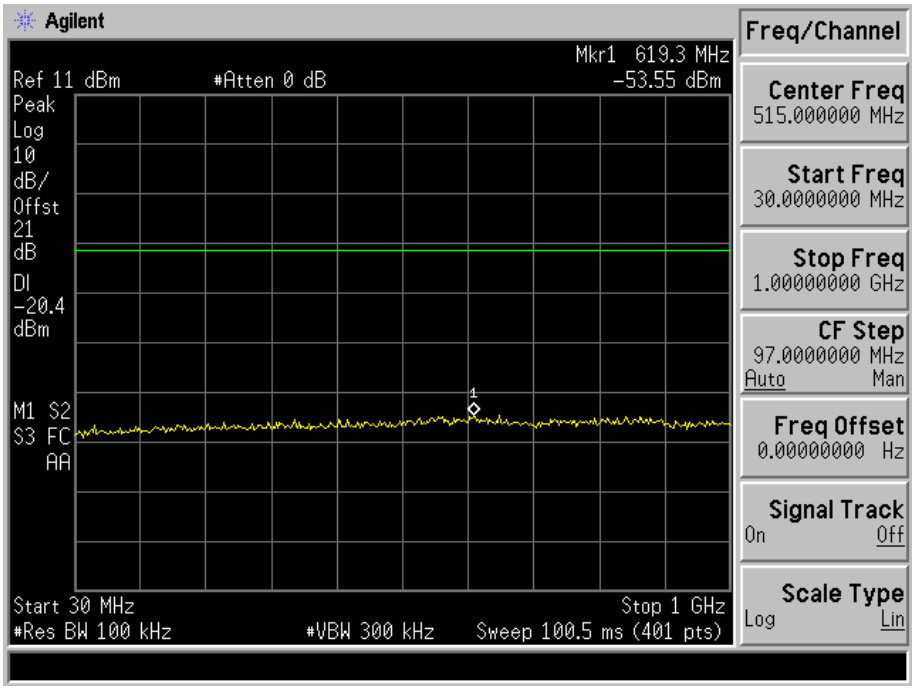


Fig.5-11 Conduct Spurious Emission for mode 2(Ch. 78).

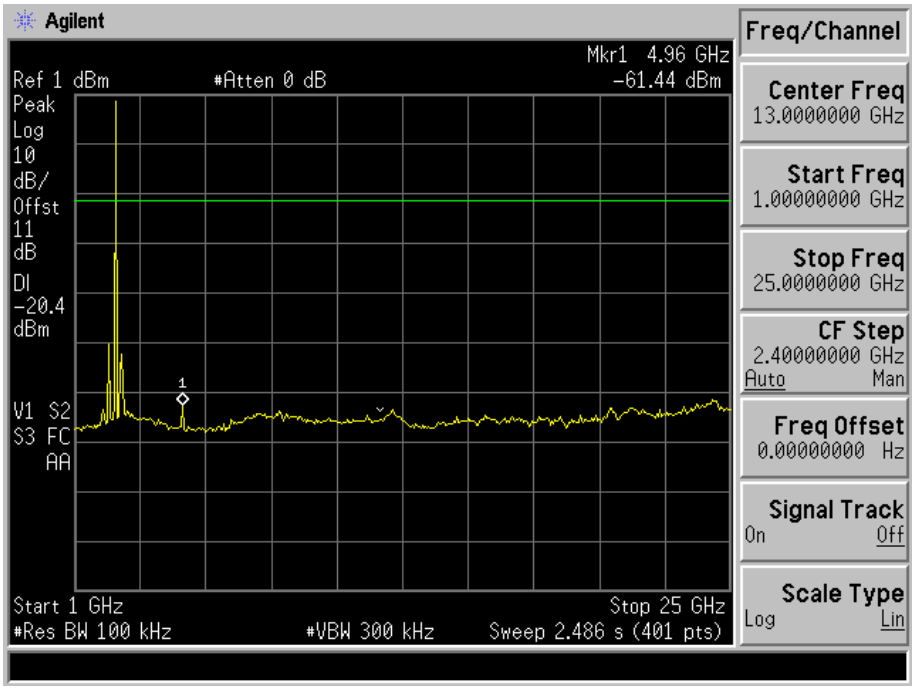


Fig.5-12 Conduct Spurious Emission for mode 2(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Extended Battery

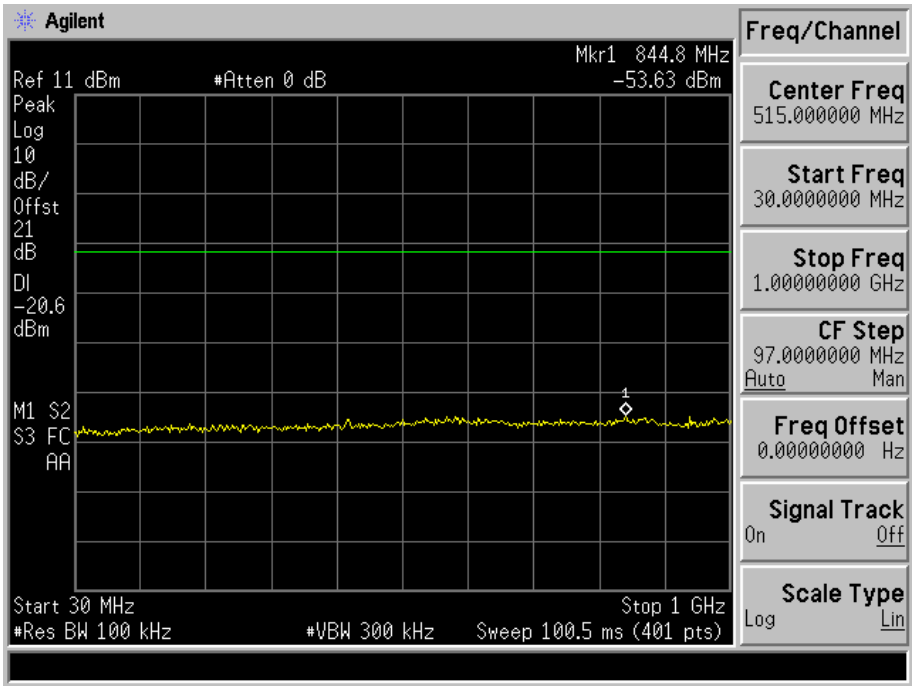


Fig.5-13 Conduct Spurious Emission for mode 1(Ch. 00).

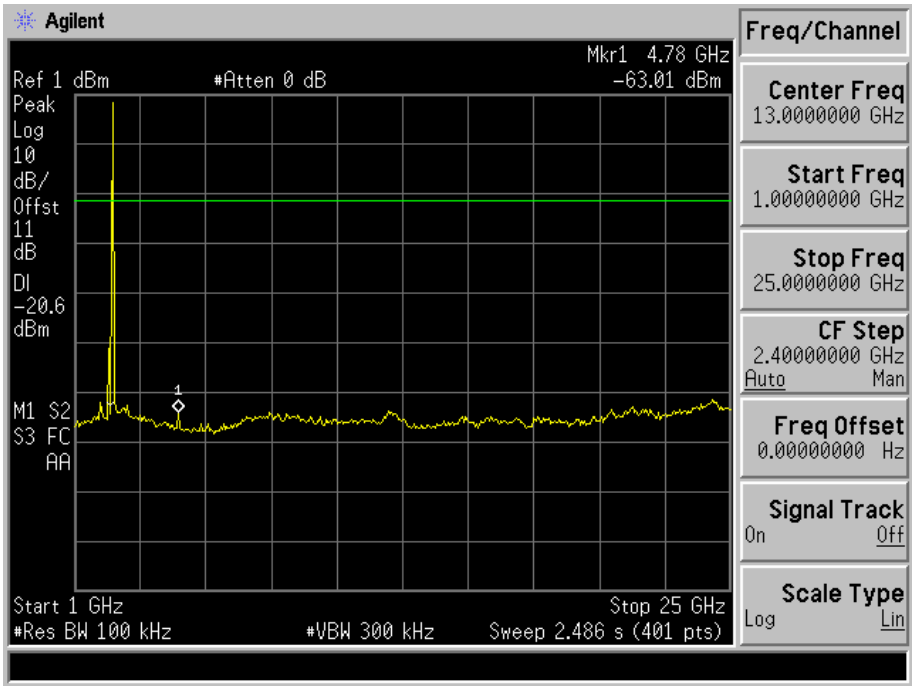


Fig.5-14 Conduct Spurious Emission for mode 1(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 39)
Battery Type : Extended Battery

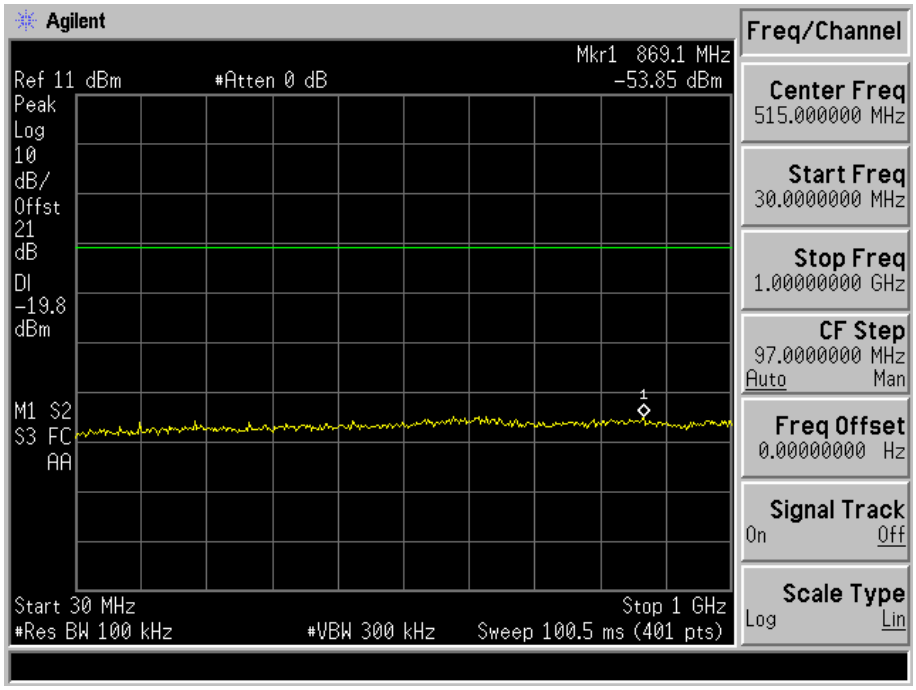


Fig.5-15 Conduct Spurious Emission for mode 1(Ch. 39).

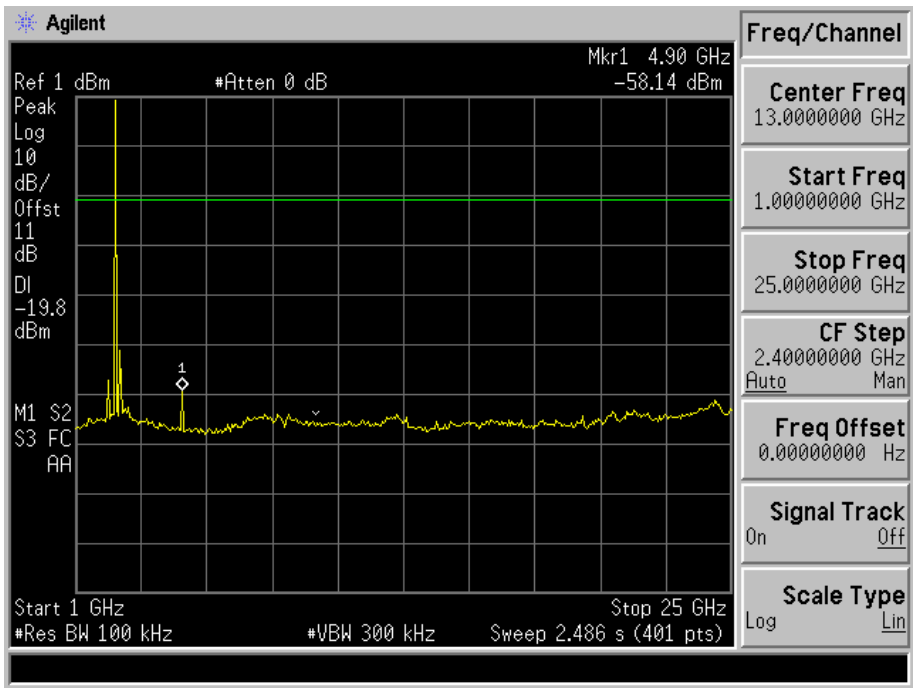


Fig.5-16 Conduct Spurious Emission for mode 1(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Extended Battery

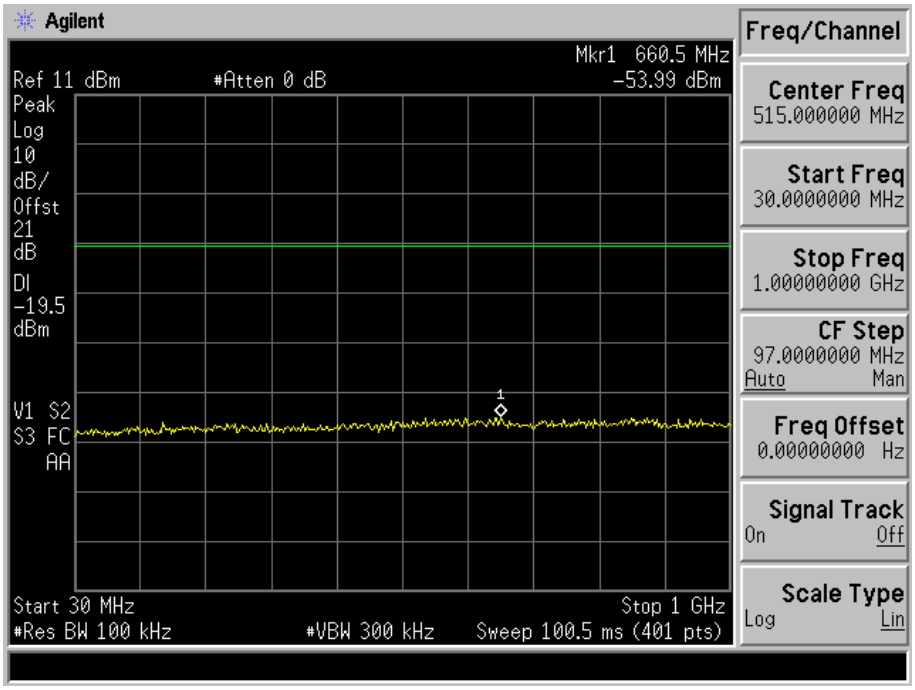


Fig.5-17 Conduct Spurious Emission for mode 1(Ch. 78).

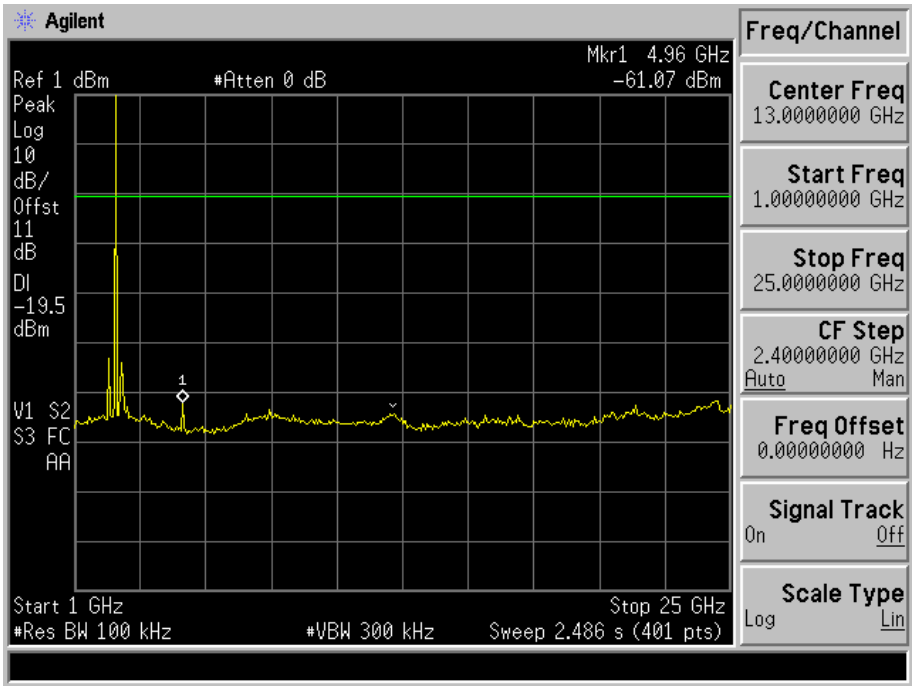


Fig.5-18 Conduct Spurious Emission for mode 1(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Extended Battery

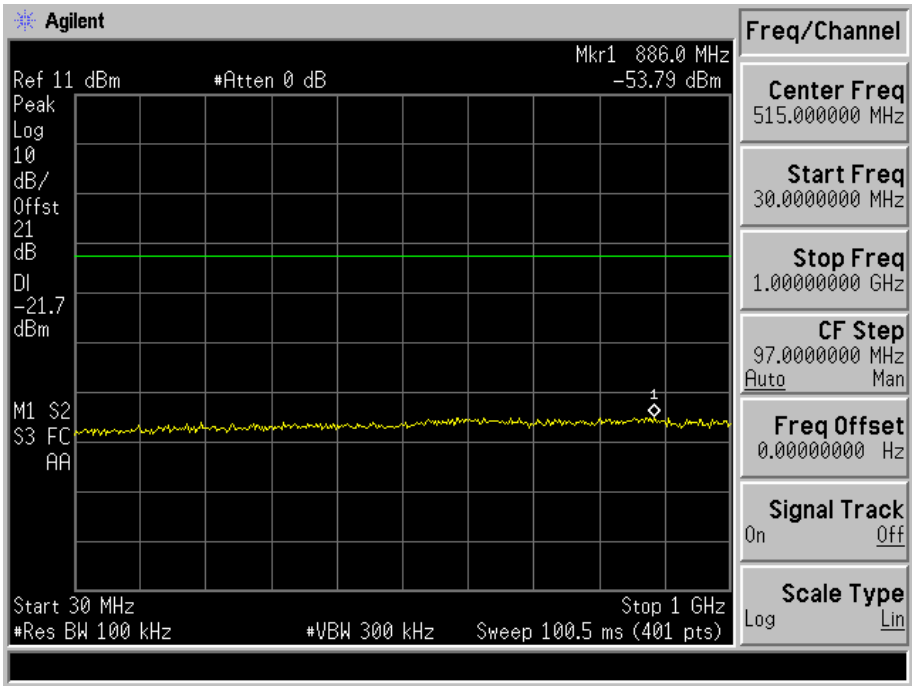


Fig.5-19 Conduct Spurious Emission for mode 2(Ch. 00).

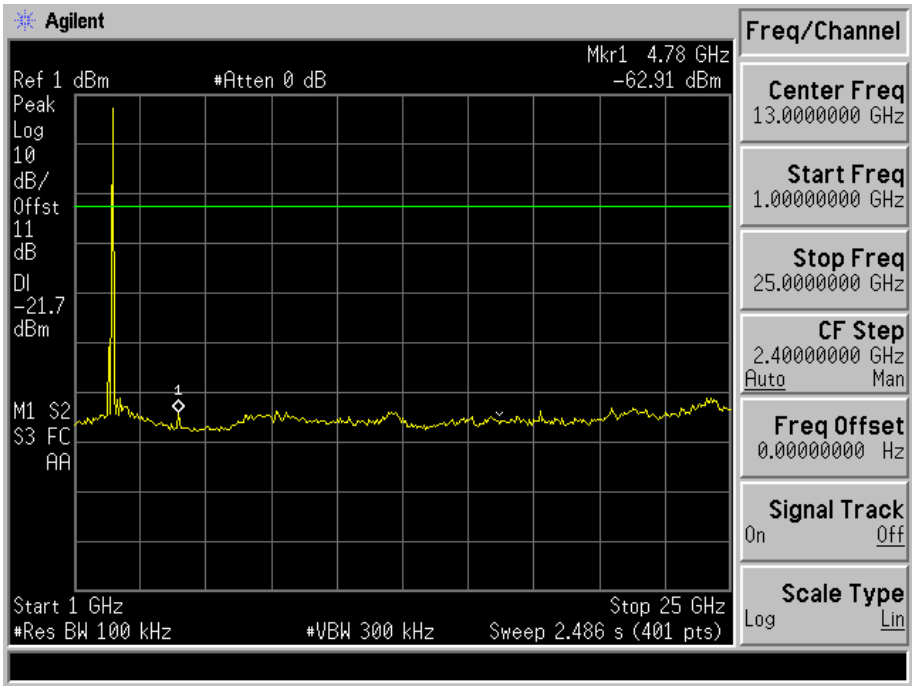


Fig.5-20 Conduct Spurious Emission for mode 2(Ch. 00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 39)
Battery Type : Extended Battery

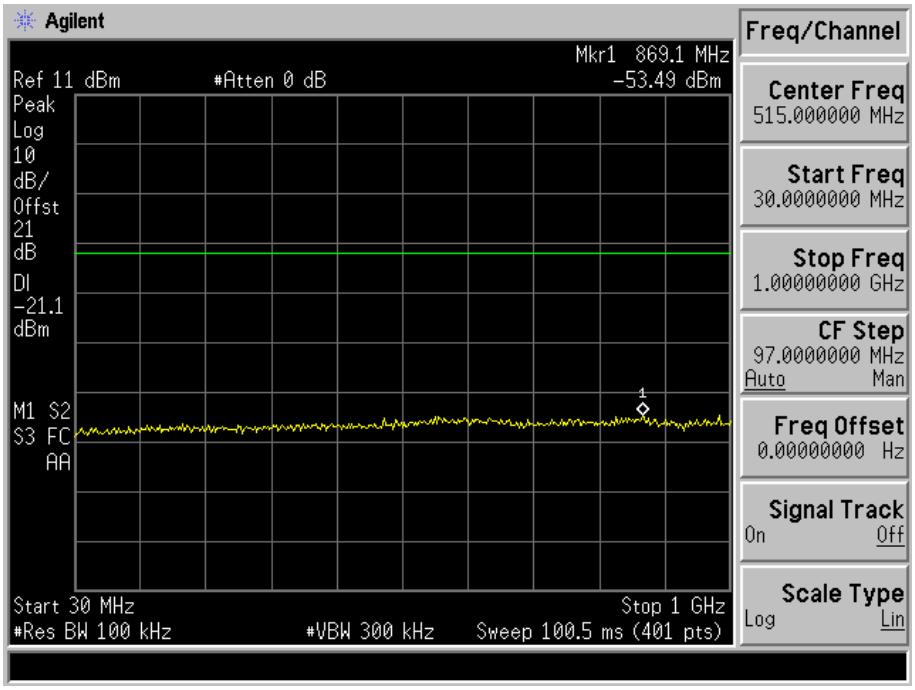


Fig.5-21 Conduct Spurious Emission for mode 2(Ch. 39).

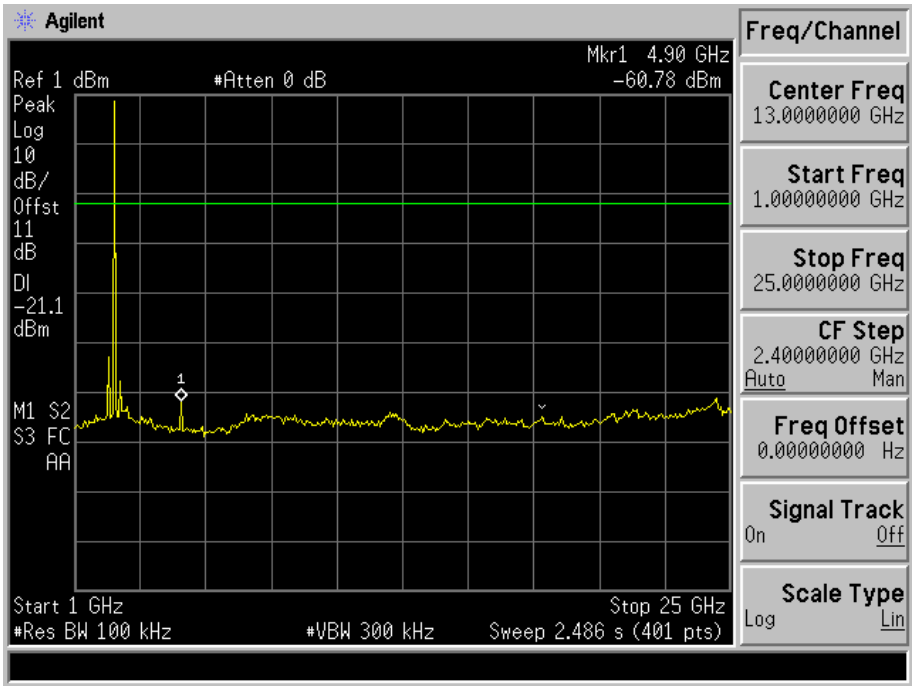


Fig.5-22 Conduct Spurious Emission for mode 2(Ch. 39).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Spurious RF Conducted Emissions
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Extended Battery

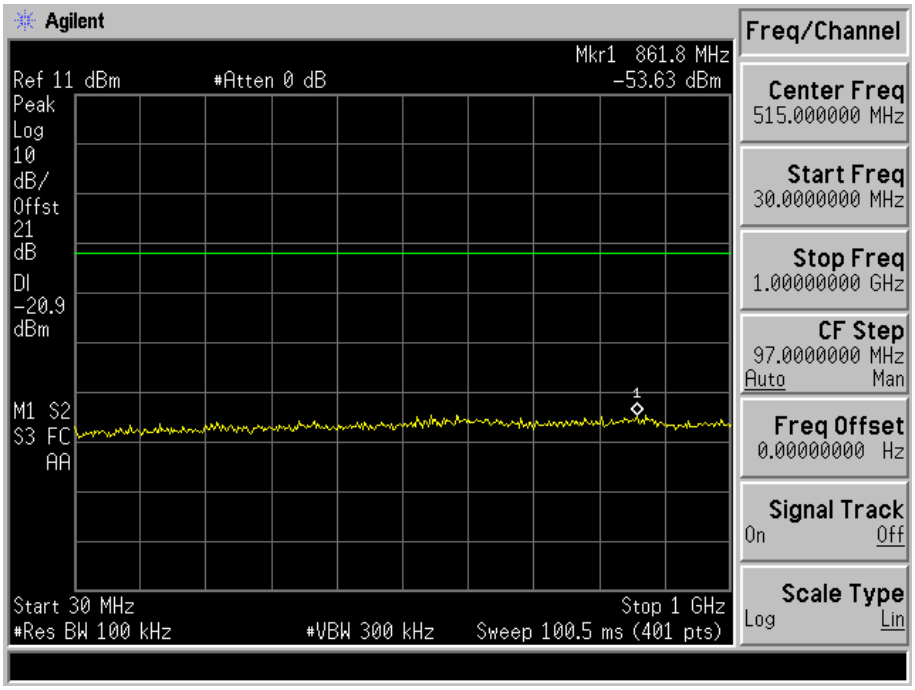


Fig.5-23 Conduct Spurious Emission for mode 2(Ch. 78).

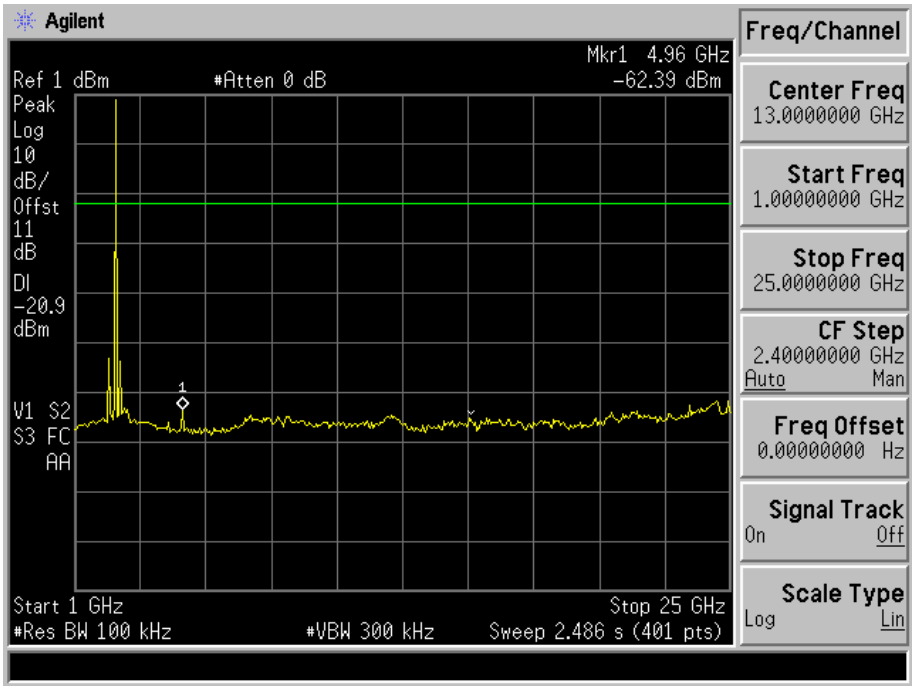


Fig.5-24 Conduct Spurious Emission for mode 2(Ch. 78).

6. Band Edge

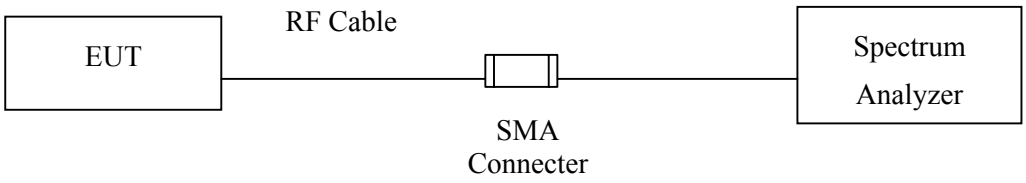
6.1. Test Equipment

The following test equipments are used during the band edge tests:

Item	Equipment	Manufacturer	Model No./ Serial No.	Calibration Date	Calbration Due
1	Spectrum Analyzer	Agilent	E4407B / US39440758	04. Jun, 2007	03. Jun, 2008
2	Bluetooth test set with Audio	Anritsu	MT8852B/ 6K00006247	26. Jul, 2007	25. Jul, 2008
3	Dual Directional	Agilent	778D-012/50550	10. Aug, 2007	09. Aug, 2008
4	Directional coupler	Agilent	87300C/ MY44300353	18. Aug, 2007	17. Aug, 2008

6.2. Test Setup

Band Edge Measurement



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.4. Test Procedure

The EUT was tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements.

6.5. Uncertainty

The measurement uncertainty is defined as ± 1.19 dB.

Contributions		Probability Distribution	Standard Uncertainty Ui(dB)
Reference level of spectrum analyzer	U01	Rectangular	0.03
Spectrum analyzer calibration	U02	Rectangular	0.058
Level accuracy	U03	Rectangular	0.29
Linearity of spectrum analyzer	U04	Rectangular	0.013
Mismatch on spectrum analyzer	U05	U-shaped	0.013
Mismatch : Reference leve Measurement	U06	U-shaped	0.04
Mismatch : direct attenuation measurement	U07	U-shaped	0.089
Attenuation measurement reading	U08	Normal	0.29
Attenuator: influence of the ambient temperature	U09	Normal	0
Attenuator: influence of setting the power supply	U10	Normal	0.017
EUT: influence of the ambient temperature	U11	Normal	0.1
EUT: influence of setting the power supply	U12	Normal	0.026
Mismatch on EUT	U13	U-shaped	0.391
Random: System Repeatability	U14	Standard Deviation	0.103
Combined Standard Uncertainty, U			0.597
Expanded Ucertainty (for a 95 % confidence level, k=2)			1.19

6.6. Test Result of Band Edge

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Band Edge
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Standard Battery

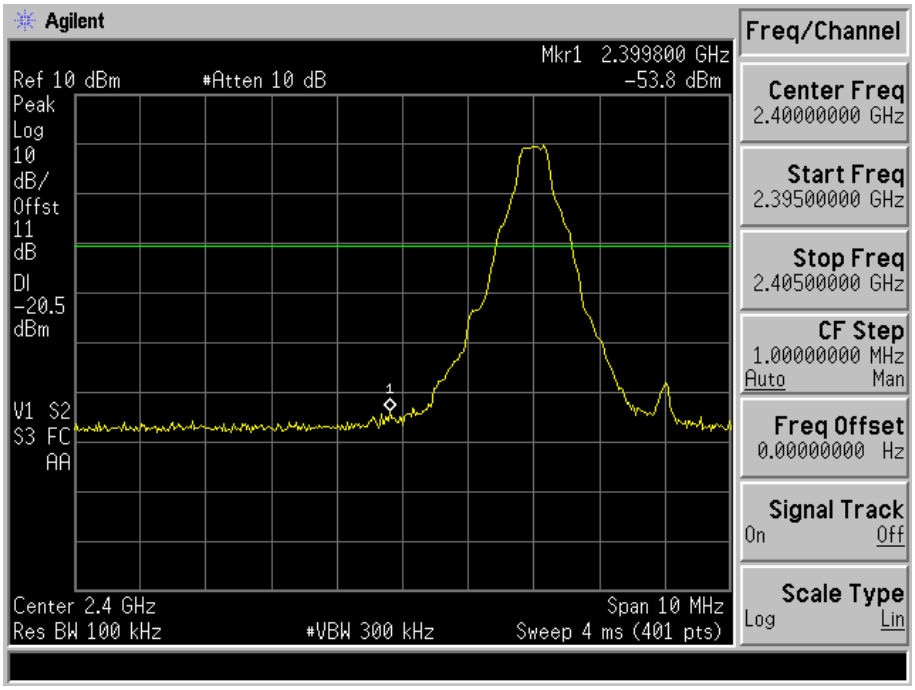


Fig. 6-1 Band Edge for Mode 1(Ch.00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Band Edge
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Standard Battery

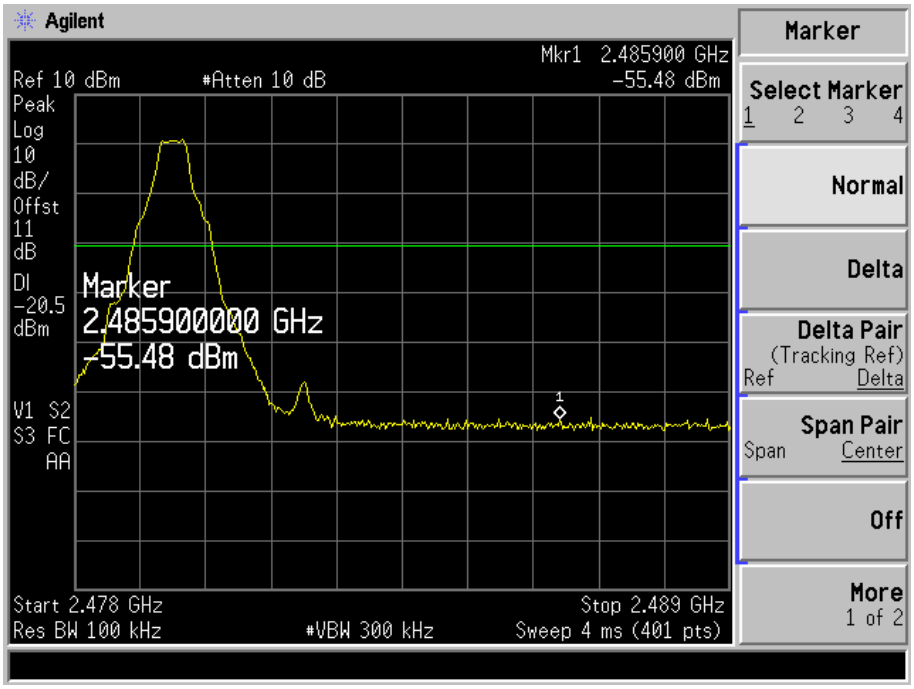


Fig. 6-2 Band Edge for Mode 1(Ch.78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Band Edge
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Standard Battery

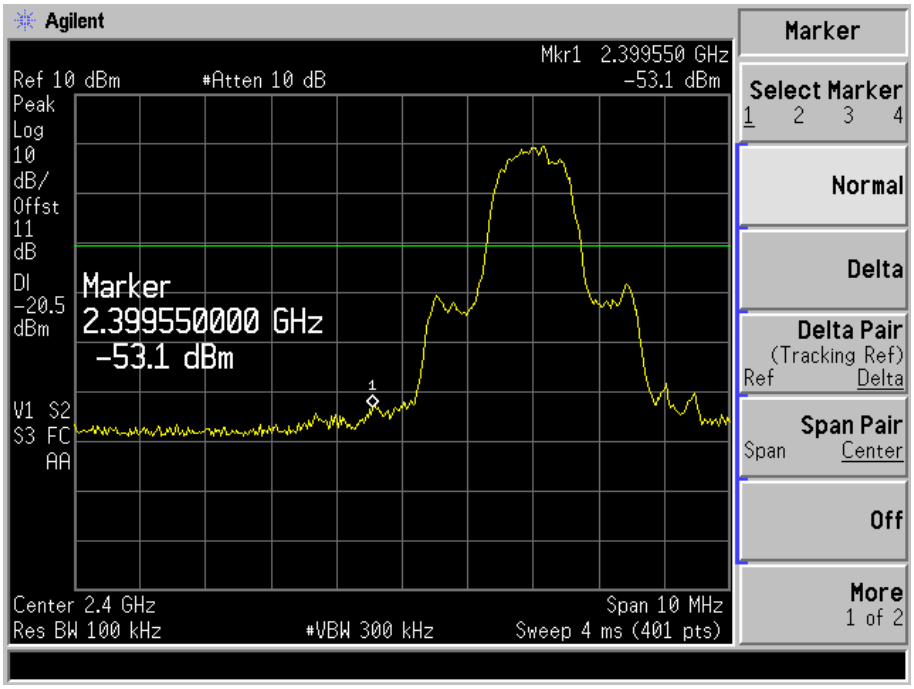


Fig. 6-3 Band Edge for Mode 2(Ch.00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Band Edge
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Standard Battery

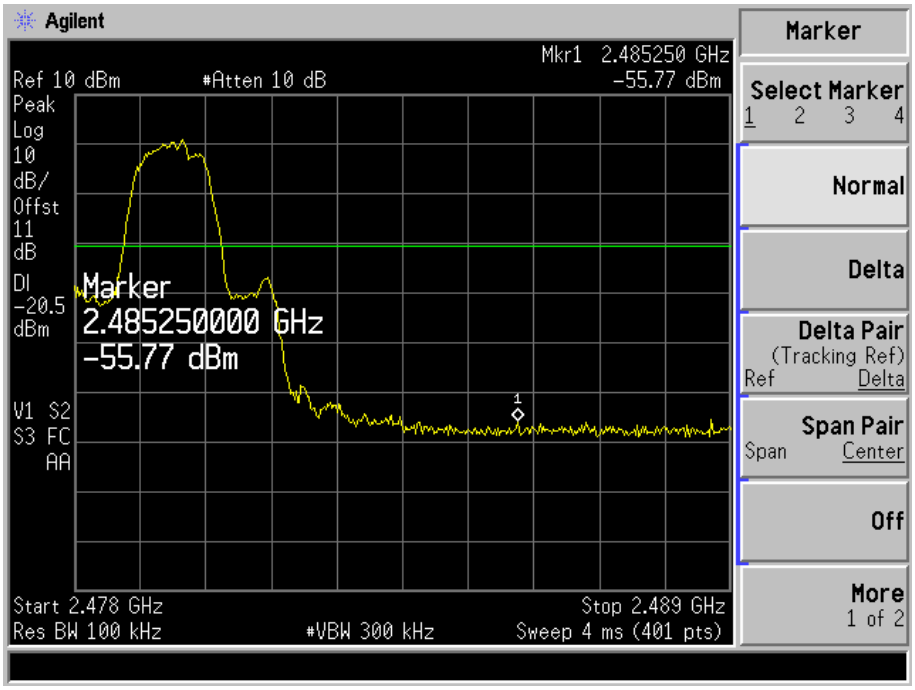


Fig. 6-4 Band Edge for Mode 2(Ch.78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Band Edge
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 00)
Battery Type : Extended Battery

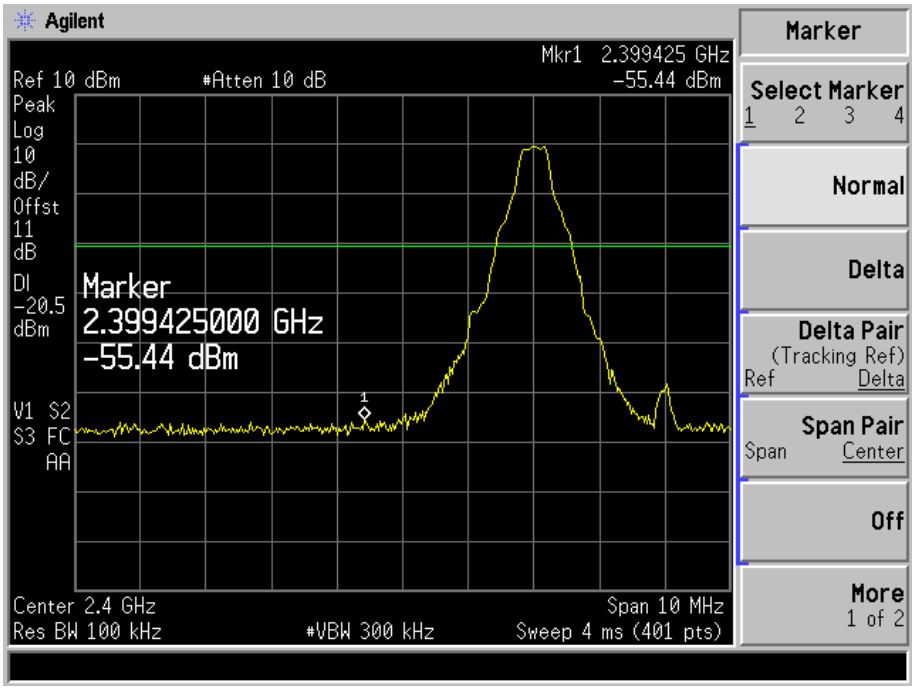


Fig. 6-5 Band Edge for Mode 1(Ch.00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Band Edge
Test Mode : Mode 1: Transmitter 1Mbps GFSK (Ch. 78)
Battery Type : Extended Battery

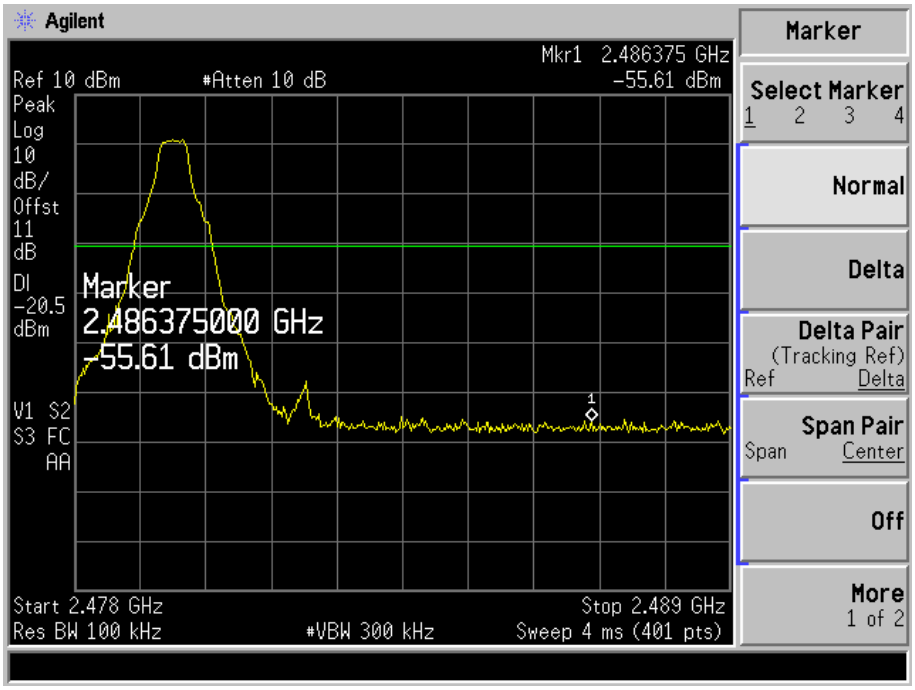


Fig. 6-6 Band Edge for Mode 1(Ch.78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Band Edge
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 00)
Battery Type : Extended Battery

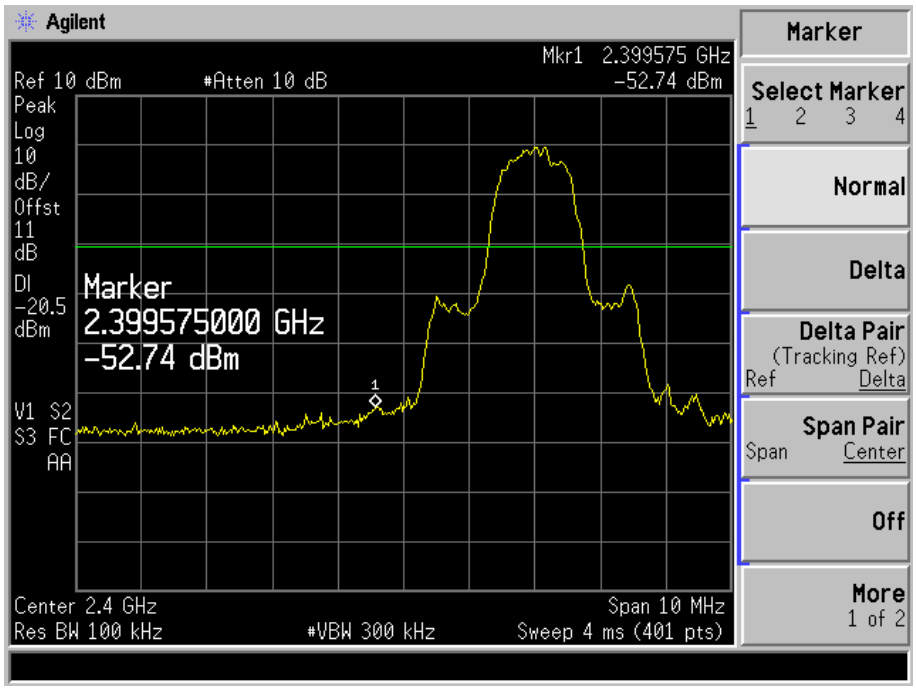


Fig. 6-7 Band Edge for Mode 2(Ch.00).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Band Edge
Test Mode : Mode 2: Transmitter 3Mbps EDR (Ch. 78)
Battery Type : Extended Battery

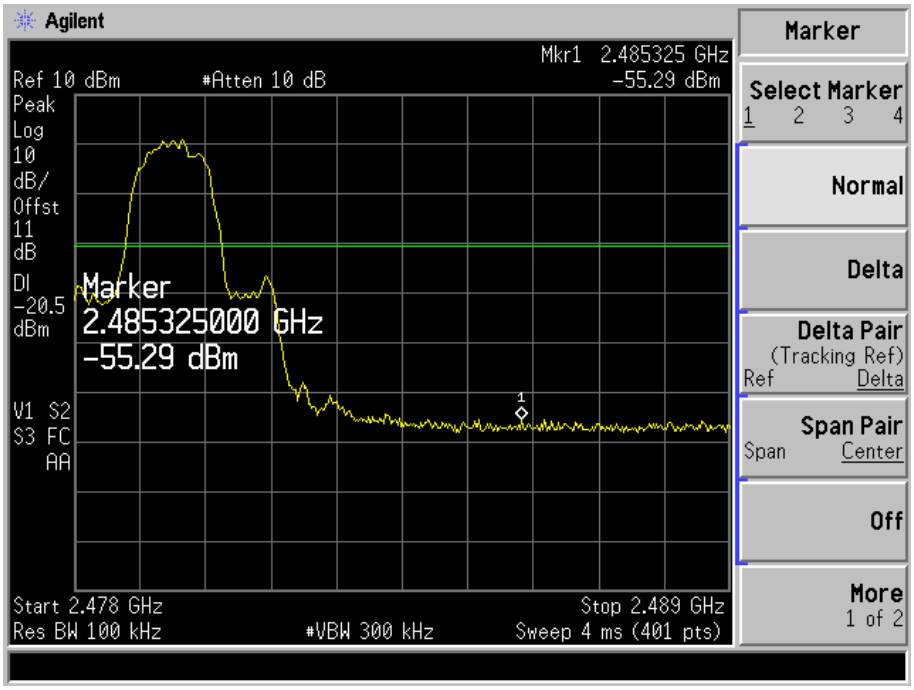


Fig. 6-8 Band Edge for Mode 2(Ch.78).

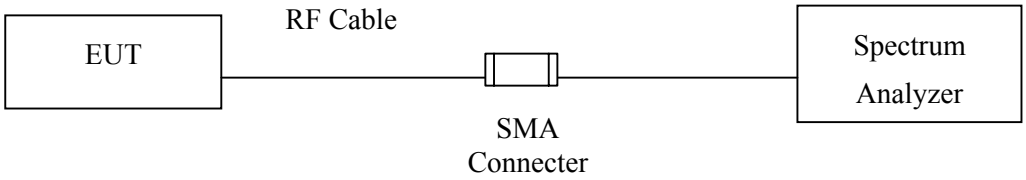
7. Channel Number

7.1. Test Equipment

The following test equipments are used during the Channel Number tests:

Item	Equipment	Manufacturer	Model No./ Serial No.	Calibration Date	Calbration Due
1	Spectrum Analyzer	Agilent	E4407B / US39440758	04. Jun, 2007	03. Jun, 2008
2	Bluetooth test set with Audio	Anritsu	MT8852B/ 6K00006247	26. Jul, 2007	25. Jul, 2008
3	Dual Directional	Agilent	778D-012/50550	10. Aug, 2007	09. Aug, 2008
4	Directional coupler	Agilent	87300C/ MY44300353	18. Aug, 2007	17. Aug, 2008

7.2. Test Setup



7.3. Limits

Number of hopping frequencies ≧75

7.4. Test Procedures

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Span = the frequency band of operation

RBW ≥ 1% of the span , VBW ≥ RBW

Sweep = auto, Detector function = peak, Trace = max hold

7.5. Uncertainty

N/A

7.6. Test Result of Channel Number

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Channel Number
Test Mode : Mode 1: Transmitter 1Mbps GFSK
Battery Type : Standard Battery

Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>75	Pass

2402-2421MHz

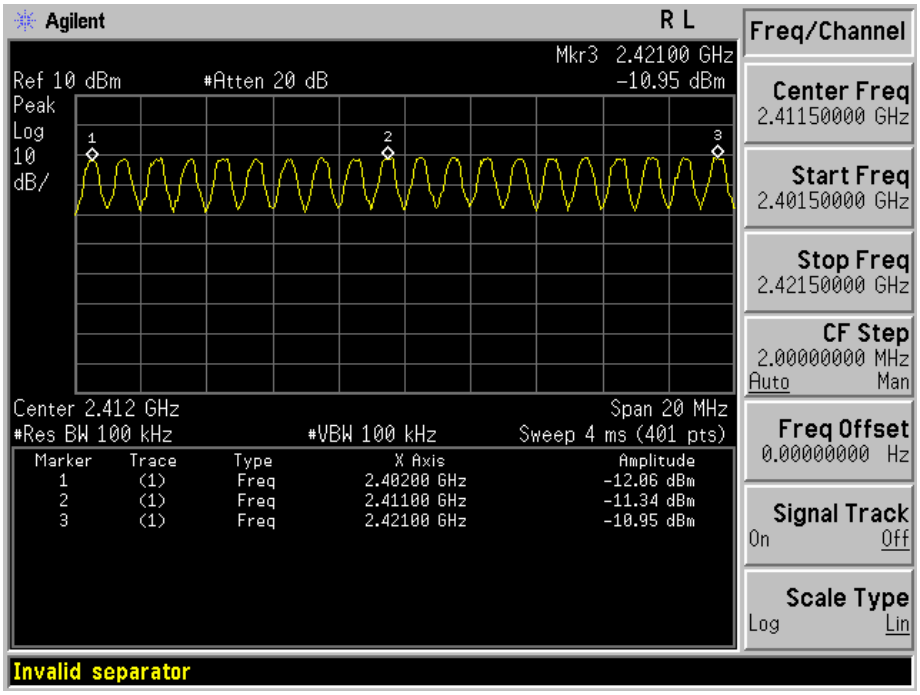


Fig. 7-1 Channel Number measurement between 2402MHz and 2421MHz for mode 1.

2422-2441MHz

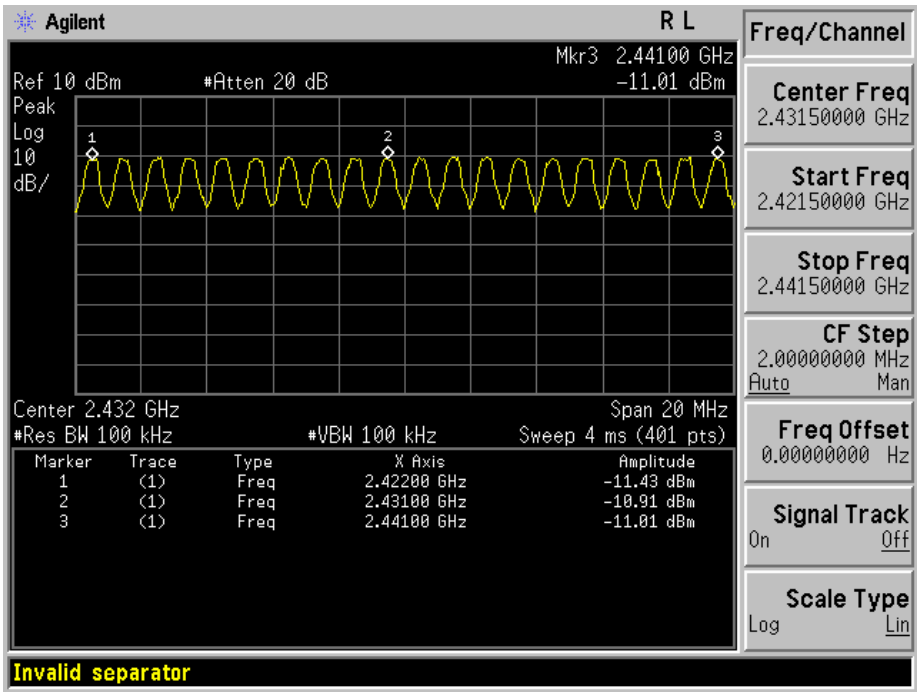


Fig. 7-2 Channel Number measurement between 2422MHz and 2441MHz for mode 1.

2442-2461MHz

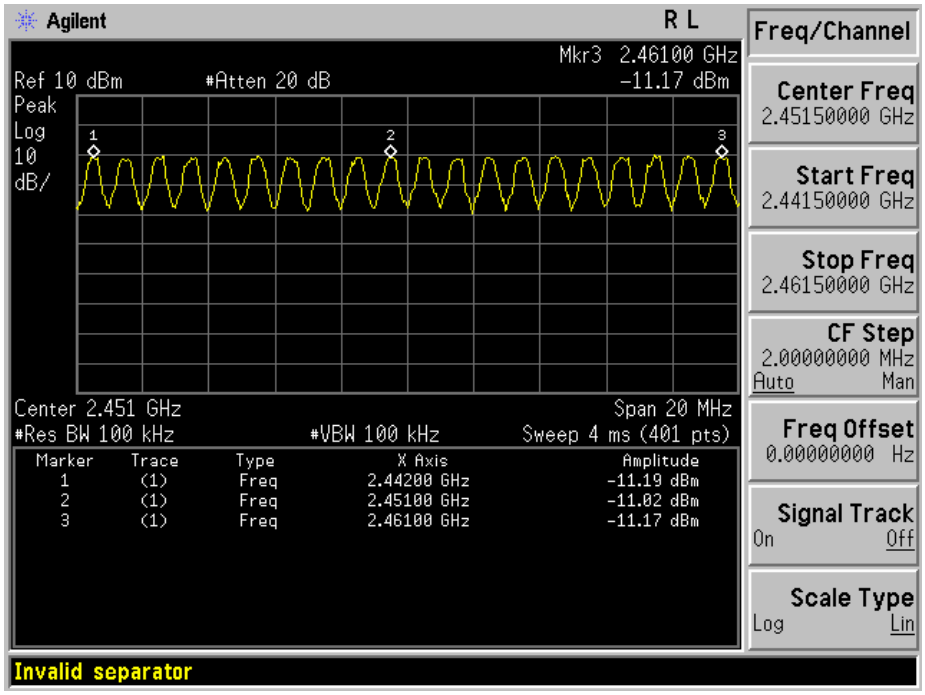


Fig. 7-3 Channel Number measurement between 2442MHz and 2461MHz for mode 1.

2462-2480MHz

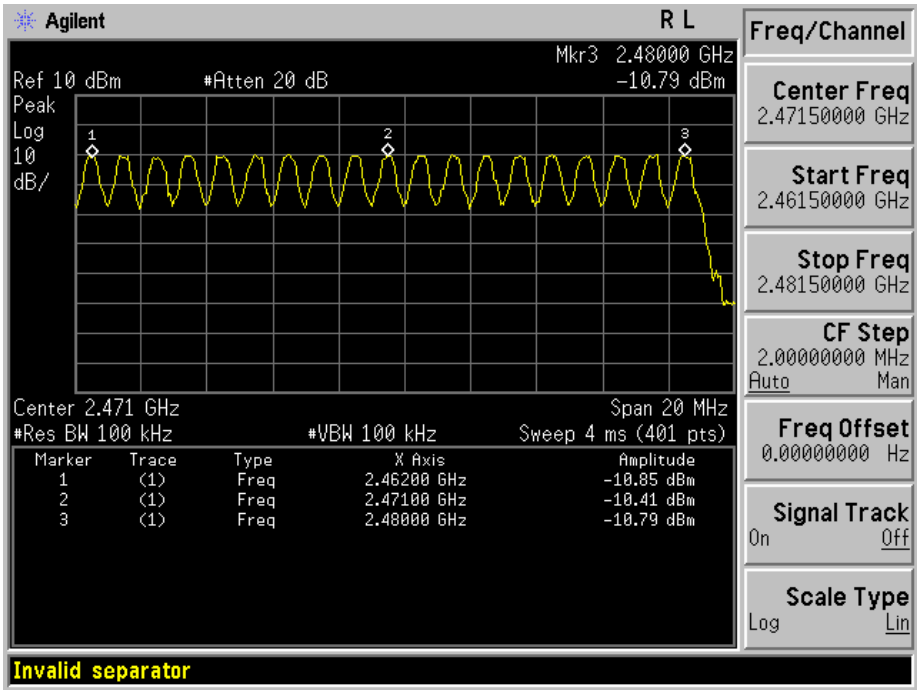


Fig. 7-4 Channel Number measurement between 2462MHz and 2480MHz for mode 1.

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Channel Number
Test Mode : Mode 2: Transmitter 3Mbps EDR
Battery Type : Standard Battery

Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>75	Pass

2402-2421MHz

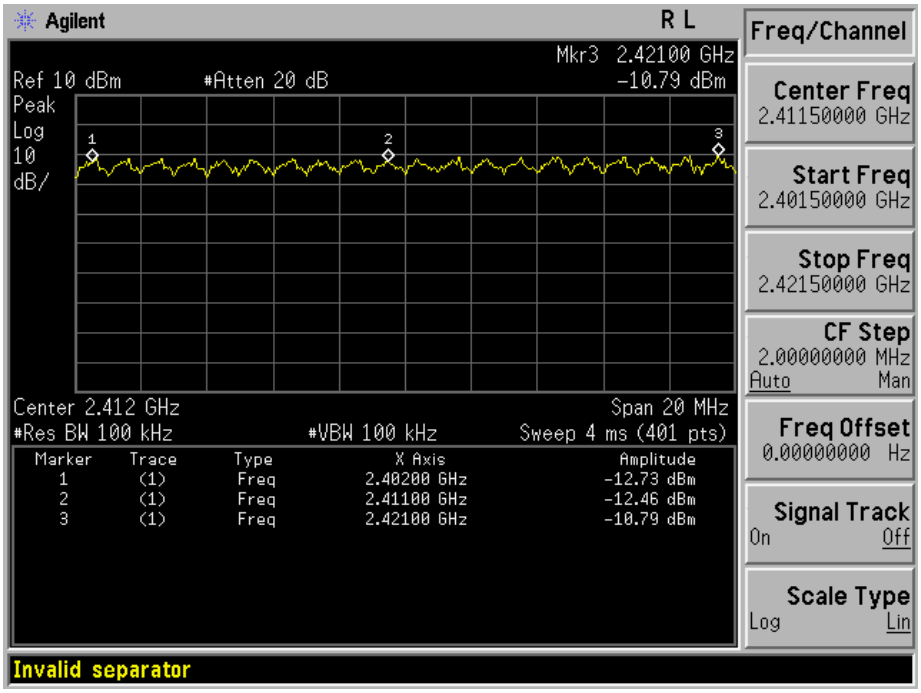


Fig. 7-5 Channel Number measurement between 2402MHz and 2421MHz for mode 2.

2422-2441MHz

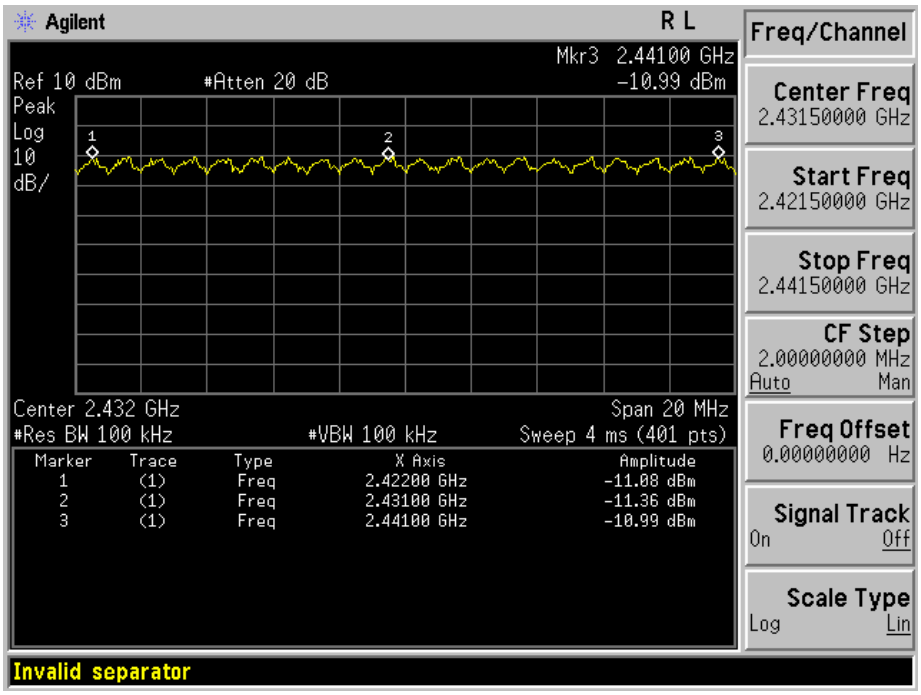


Fig. 7-6 Channel Number measurement between 2422MHz and 2441MHz for mode 2.

2442-2461MHz

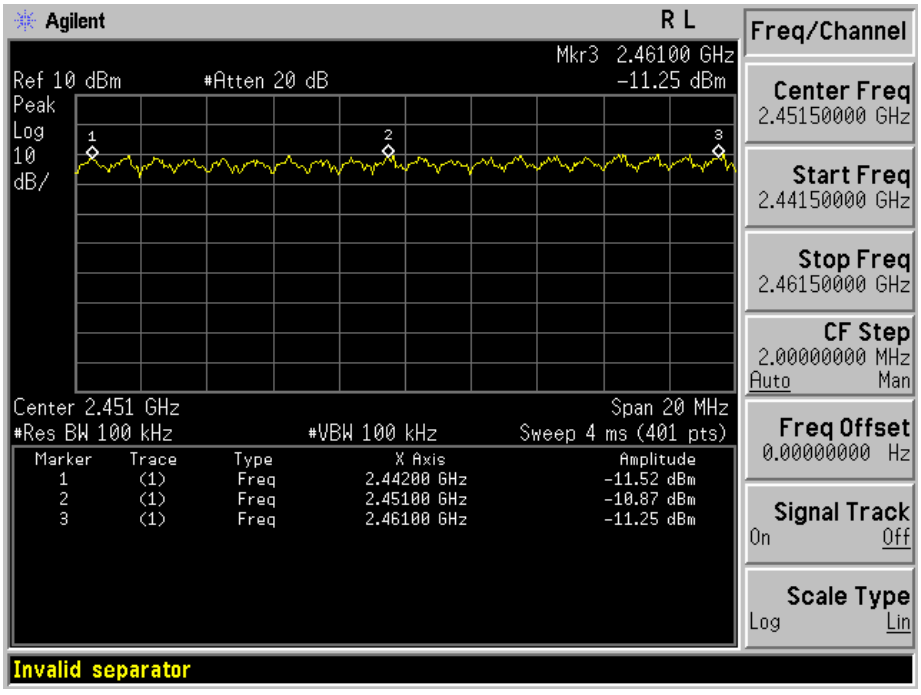


Fig. 7-7 Channel Number measurement between 2442MHz and 2461MHz for mode 2.

2462-2480MHz

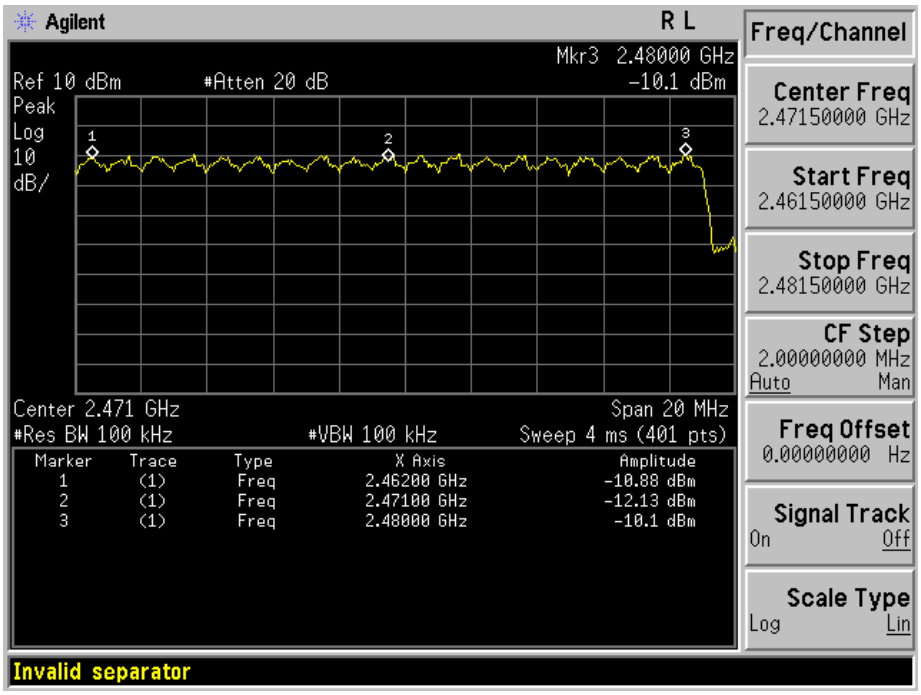


Fig. 7-8 Channel Number measurement between 2462MHz and 2480MHz for mode 2.

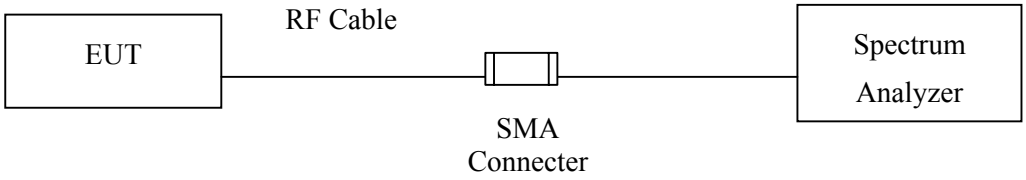
8. Channel Separation

8.1. Test Equipment

The following test equipments are used during the Channel Separation tests:

Item	Equipment	Manufacturer	Model No./ Serial No.	Calibration Date	Calbration Due
1	Spectrum Analyzer	Agilent	E4407B / US39440758	04. Jun, 2007	03. Jun, 2008
2	Bluetooth test set with Audio	Anritsu	MT8852B/ 6K00006247	26. Jul, 2007	25. Jul, 2008
3	Dual Directional	Agilent	778D-012/50550	10. Aug, 2007	09. Aug, 2008
4	Directional coupler	Agilent	87300C/ MY44300353	18. Aug, 2007	17. Aug, 2008

8.2. Test Setup



8.3. Limits

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

8.4. Test Procedures

The EUT was tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Span = Capture the peaks of two adjacent channels

Resolution Bandwidth (RBW) ≥ 1% of the span, VBW ≥ RBW

Sweep = auto, Detector function = peak, Trace = max hold

8.5. Uncertainty

The measurement uncertainty is evaluated as ± 30.30 kHz.

Contributions		Probability Distribution	Standard Uncertainty u_i(Hz)
Frequency Error	U_{01}	Rectangular	139.2
Frequency readout accuracy	U_{02}	Normal	15149
Combined Standard Uncertainty, U			15150
Expanded Ucertainty (for a 95 % confidence level, k=2)			30.30 kHz

8.6. Test Result of Channel Separation

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Channel Separation
Test Mode : Mode 1: Transmitter 1Mbps GFSK
Battery Type : Standard Battery

Frequency (MHz)	Measurement Level (MHz)	Required Limit	Result
2402	1.00	>25 kHz or 2/3 * 20 dB BW	Pass
2441	1.00	>25 kHz or 2/3 * 20 dB BW	Pass
2480	1.00	>25 kHz or 2/3 * 20 dB BW	Pass

Channel 00 2402MHz

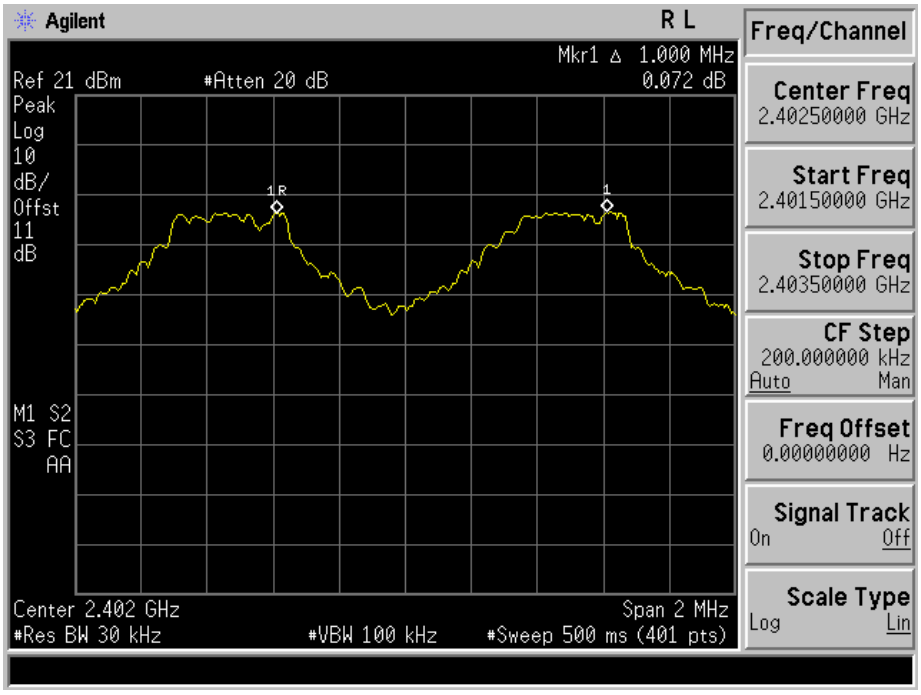


Fig. 8-1 Channel Separation measurement for mode 1(Ch. 00).

Channel 39 2441MHz

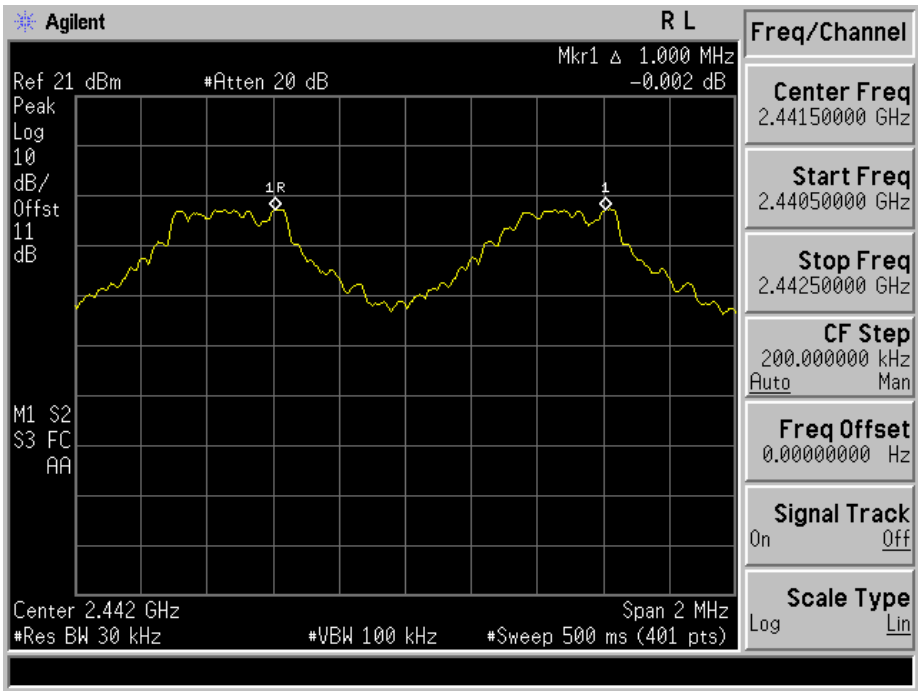


Fig. 8-2 Channel Separation measurement for mode 1(Ch. 39).

Channel 78 2480 MHz

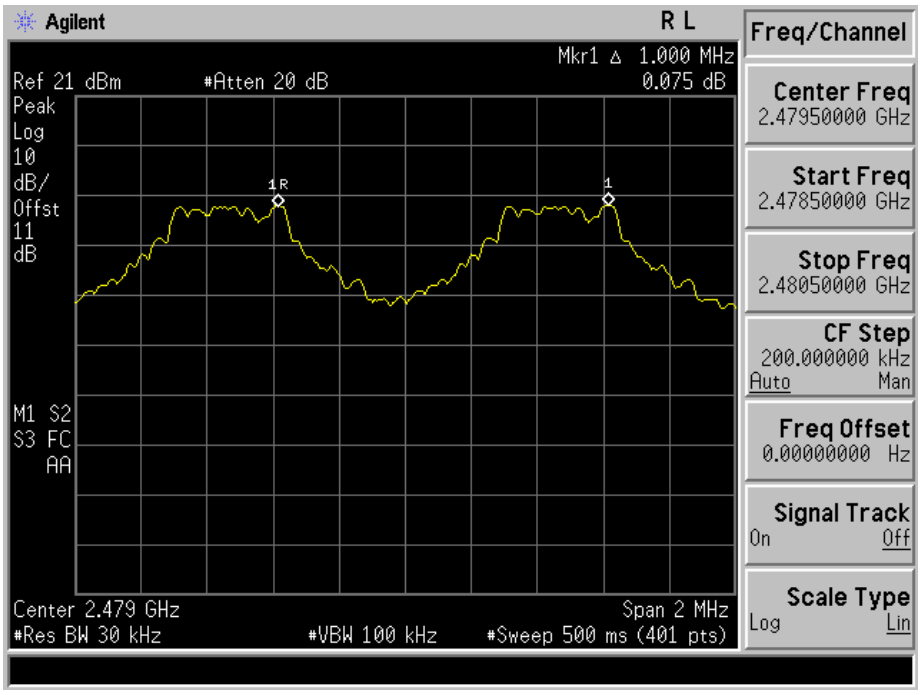


Fig. 8-3 Channel Separation measurement for mode 1(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Channel Separation
Test Mode : Mode 2: Transmitter 3Mbps EDR
Battery Type : Standard Battery

Frequency (MHz)	Measurement Level (MHz)	Required Limit	Result
2402	1.00	>25 kHz or 2/3 * 20 dB BW	Pass
2441	1.00	>25 kHz or 2/3 * 20 dB BW	Pass
2480	1.00	>25 kHz or 2/3 * 20 dB BW	Pass

Channel 00 2402MHz

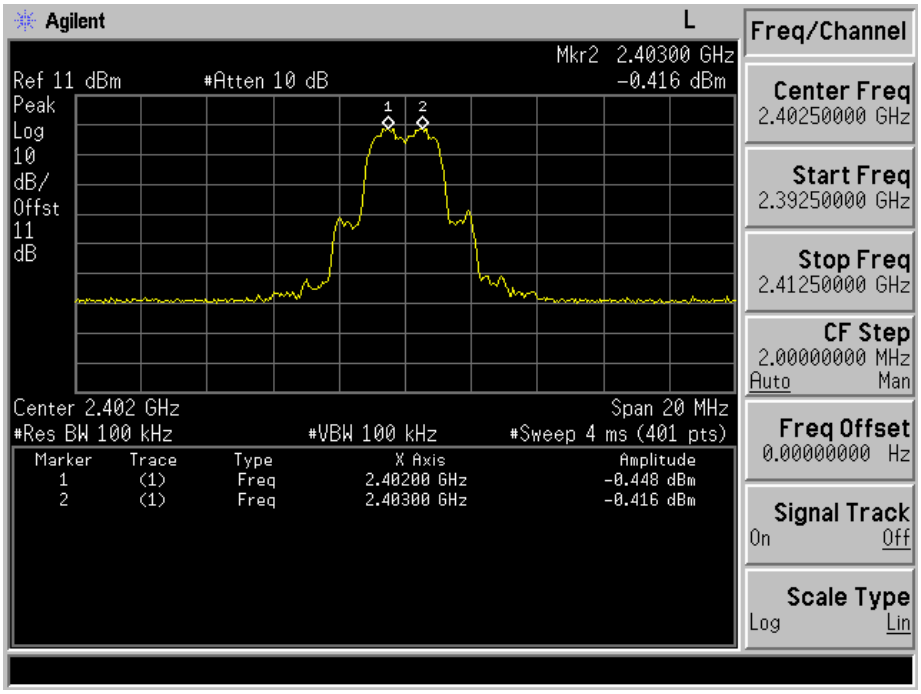


Fig. 8-4 Channel Separation measurement for mode 2(Ch. 00).

Channel 39 2441MHz

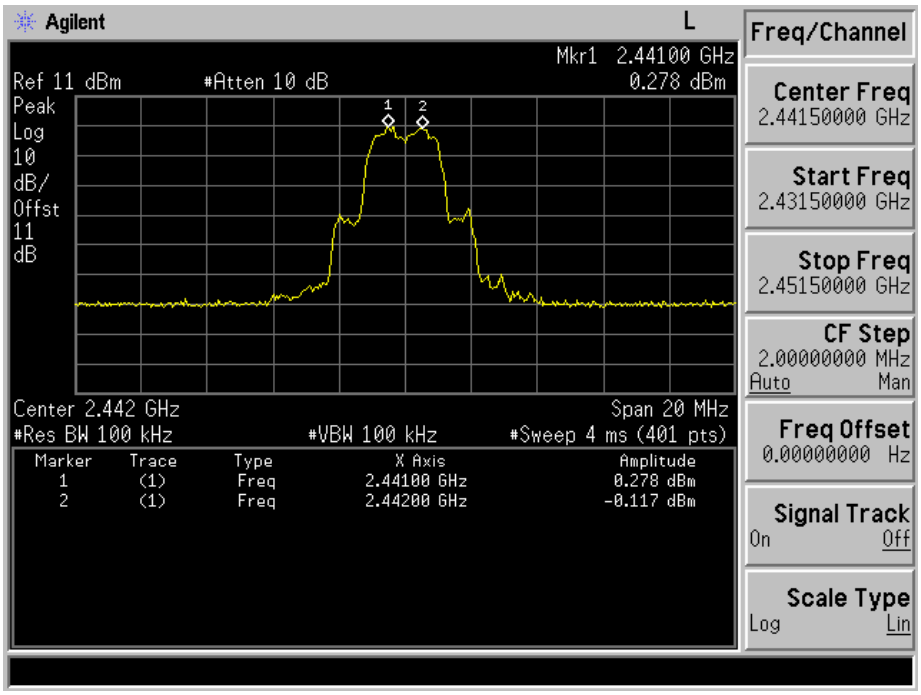


Fig. 8-5 Channel Separation measurement for mode 2(Ch. 39).

Channel 78 2480 MHz

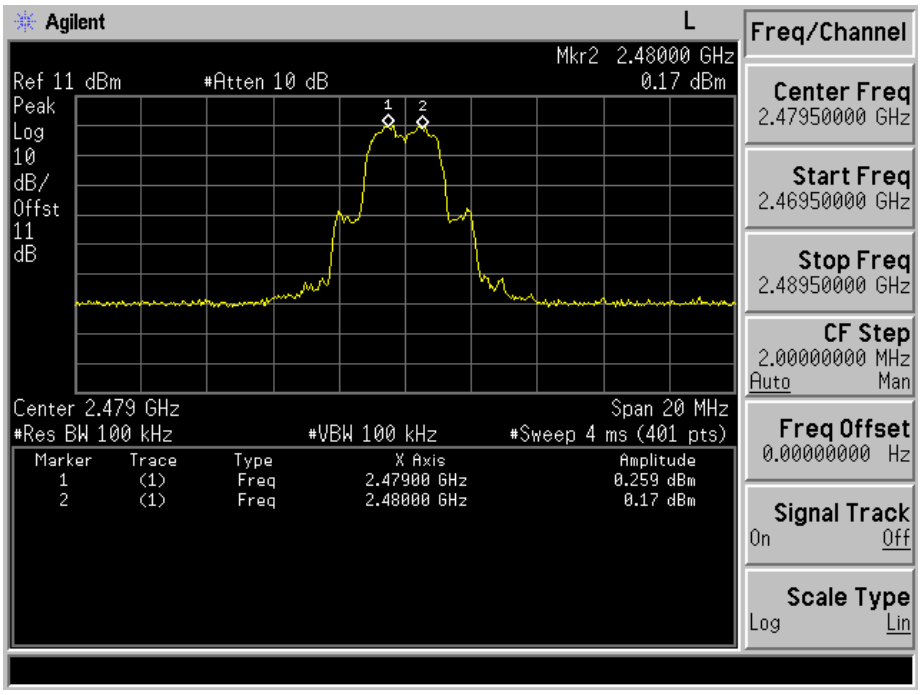


Fig. 8-6 Channel Separation measurement for mode 2(Ch. 78).

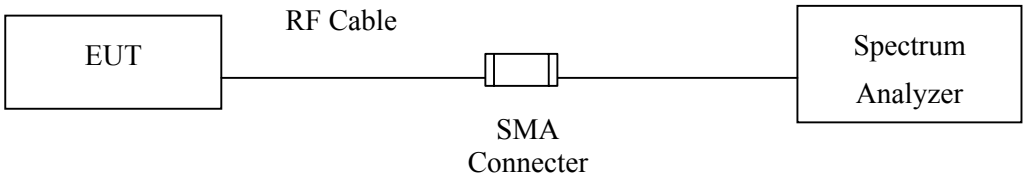
9. Dwell Time

9.1. Test Equipment

The following test equipments are used during the Time of Occupancy tests:

Item	Equipment	Manufacturer	Model No./ Serial No.	Calibration Date	Calbration Due
1	Spectrum Analyzer	Agilent	E4407B / US39440758	04. Jun, 2007	03. Jun, 2008
2	Bluetooth test set with Audio	Anritsu	MT8852B/ 6K00006247	26. Jul, 2007	25. Jul, 2008
3	Dual Directional	Agilent	778D-012/50550	10. Aug, 2007	09. Aug, 2008
4	Directional coupler	Agilent	87300C/ MY44300353	18. Aug, 2007	17. Aug, 2008

9.2. Test Setup



9.3. Limits

For frequency hopping systems operating in the 2400-2483.5 MHz bands. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

9.4. Test Procedures

The EUT was tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

The hopping function of the EUT is enabled.

Span = zero span, centered on a hopping channel

RBW = 1 MHz, VBW ≥ RBW

Sweep =Capture the entire dwell time per hopping channel

Detector function = peak, Trace = max hold

9.5. Uncertainty

The measurement uncertainty is evaluated as ± 16 msec.

$U_{Dwell\ time}$ = Sweep time x [0.5%+1/(sweep points-1)] x (number of times one channel transmits within a 31.6sec time frame)

=20 ms x [0.5%+1/(401-1)] x (31.6/79)/(3.75)= 16 msec

9.6. Test Result of Dwell Time

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Dwell Time
Test Mode : Mode 1: Transmitter GFSK(Channel 00,39,78 –DH5)
Battery Type : Standard Battery

Test Channel	Data Packet Type	Limit	Test Result	Verdict
Channel 00	DH5	$\leq 0.4S$	290ms	Pass
DH5 Dwell Time : 31600ms x 2.9ms x 5 / 20ms / 79 = 290ms				
Channel 39	DH5	$\leq 0.4S$	290ms	Pass
DH5Dwell Time : 31600ms x 2.9ms x 5 / 20ms / 79 = 290ms				
Channel 78	DH5	$\leq 0.4S$	290ms	Pass
DH5Dwell Time : 31600ms x 2.9ms x 5 / 20ms / 79 = 290ms				

Ch 00(2402MHz)

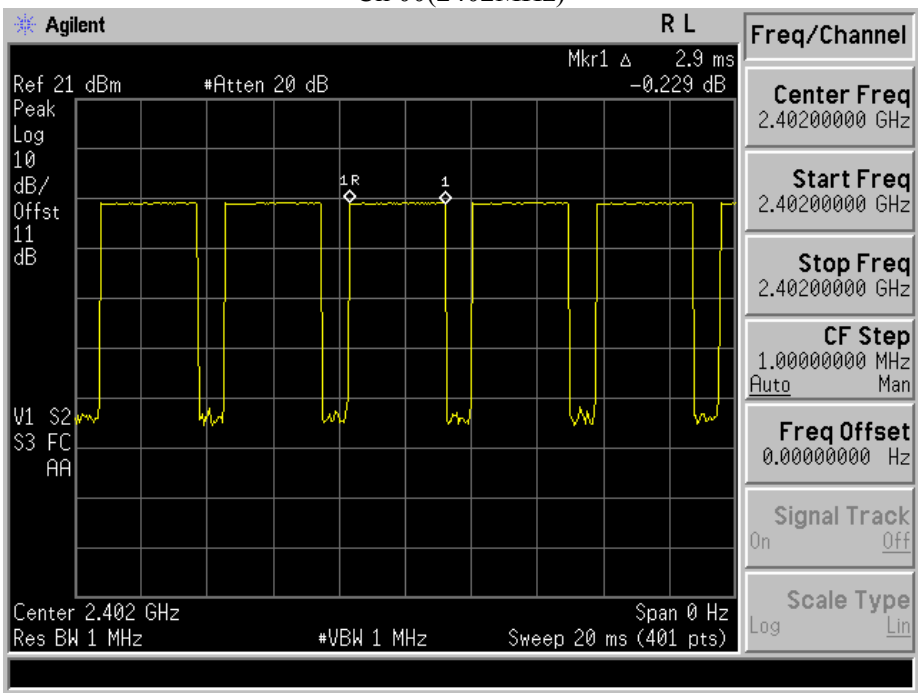


Fig. 9-1 Dwell Time Measurement for mode 1(Ch. 00).

Ch 39(2441MHz)

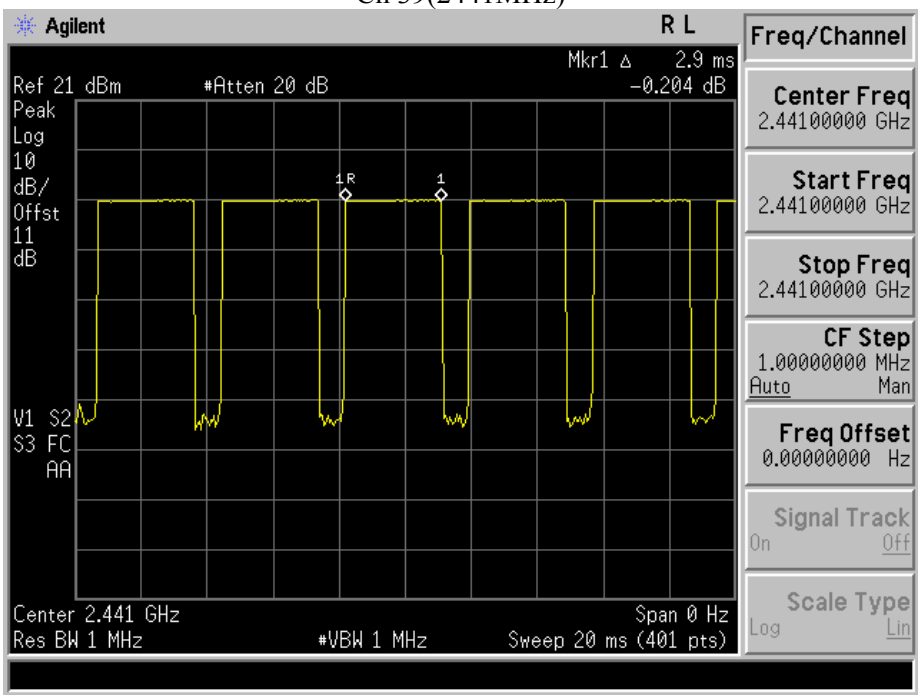


Fig. 9-2 Dwell Time Measurement for mode 1(Ch. 39).

Ch 78(2480MHz)

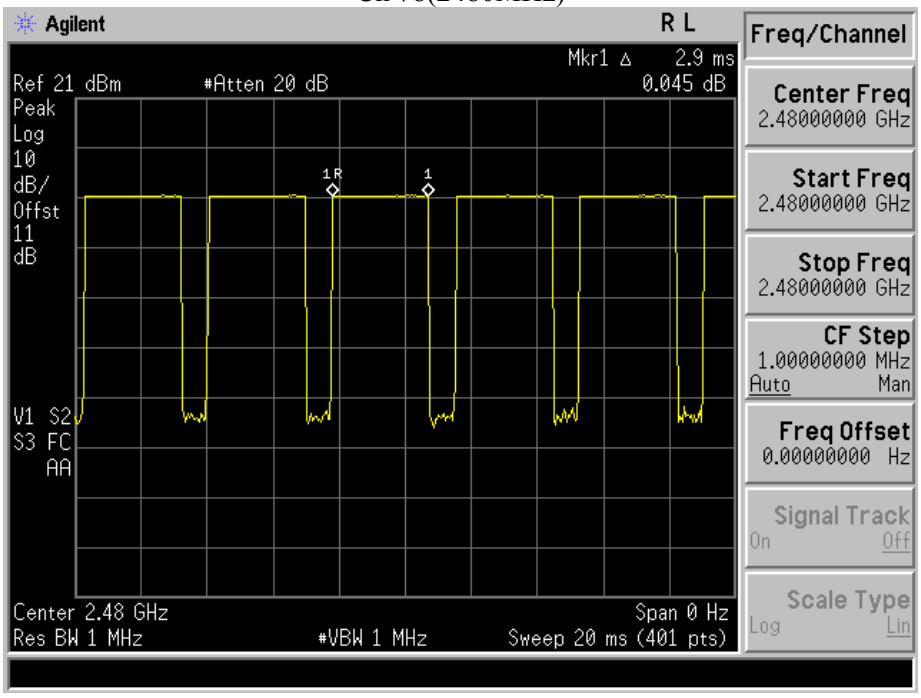


Fig. 9-3 Dwell Time Measurement for mode 1(Ch. 78).

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Dwell Time
Test Mode : Mode 2: Transmitter 3Mbps EDR(Channel 00,39,78 –DH5)
Battery Type : Standard Battery

Test Channel	Data Packet Type	Limit	Test Result	Verdict
Channel 00	DH5	$\leq 0.4S$	285ms	Pass
DH5 Dwell Time : 31600ms x 2.85mss x 5 / 79 / 20ms = 285ms				
Channel 39	DH5	$\leq 0.4S$	290ms	Pass
DH5 Dwell Time : 31600ms x 2.9ms x 5 / 79 / 20ms = 290ms				
Channel 78	DH5	$\leq 0.4S$	290ms	Pass
DH5 Dwell Time : 31600ms x 2.9ms x 5 / 79 / 20ms = 290ms				

Ch 00(2402MHz)

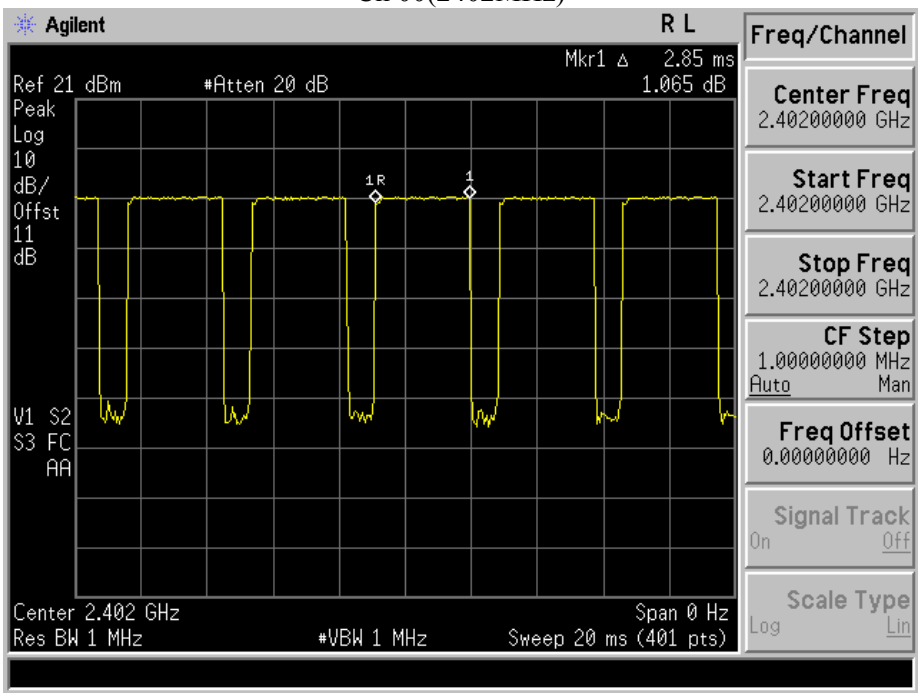


Fig. 9-4 Dwell Time Measurement for mode 2(Ch. 00).

Ch 39(2441MHz)

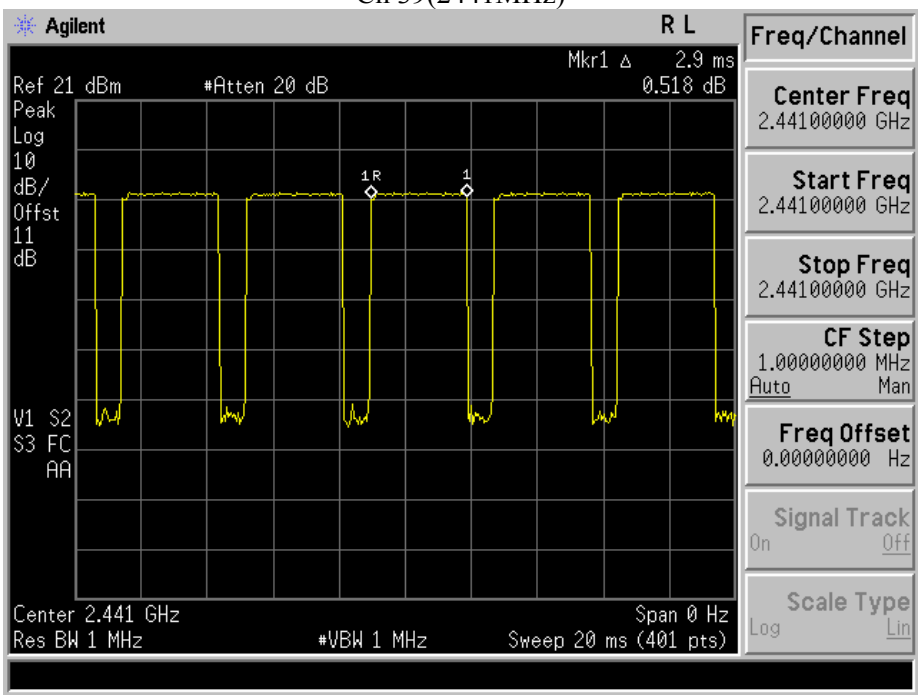


Fig. 9-5 Dwell Time Measurement for mode 2(Ch. 39).

Ch 78(2480MHz)

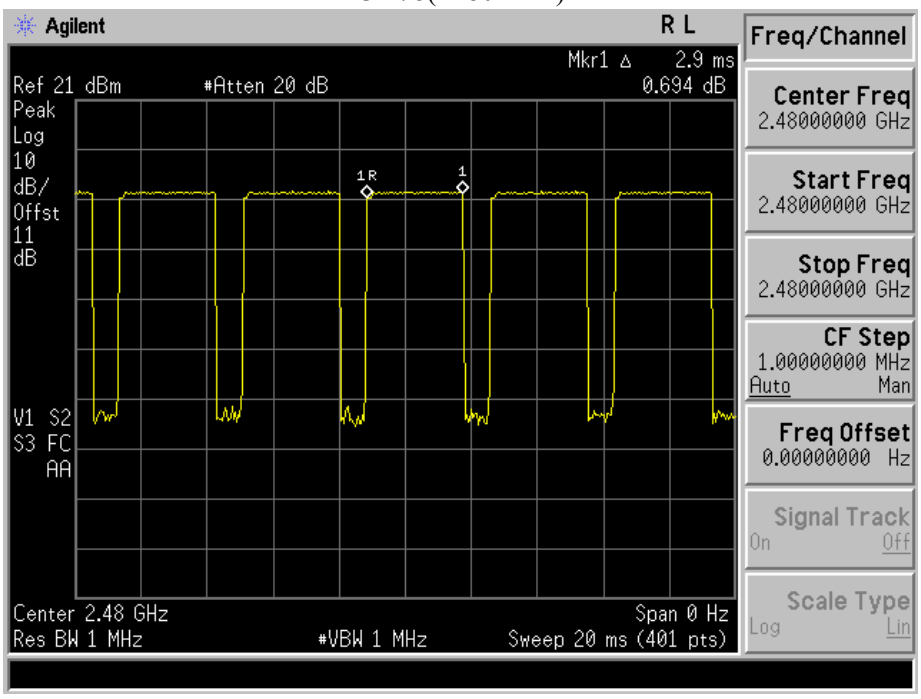


Fig. 9-6 Dwell Time Measurement for mode 2(Ch. 78).

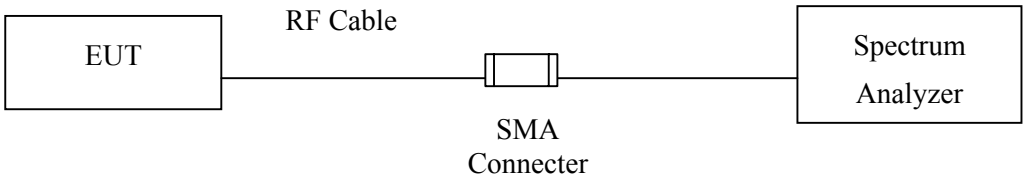
10. Occupied Bandwidth

10.1. Test Equipment

The following test equipments are used during the Occupied Bandwidth tests:

Item	Equipment	Manufacturer	Model No./ Serial No.	Calibration Date	Calbration Due
1	Spectrum Analyzer	Agilent	E4407B / US39440758	04. Jun, 2007	03. Jun, 2008
2	Bluetooth test set with Audio	Anritsu	MT8852B/ 6K00006247	26. Jul, 2007	25. Jul, 2008
3	Dual Directional	Agilent	778D-012/50550	10. Aug, 2007	09. Aug, 2008
4	Directional coupler	Agilent	87300C/ MY44300353	18. Aug, 2007	17. Aug, 2008

10.2. Test Setup



10.3. Limits

N/A

10.4. Test Procedures

The EUT was s tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Use the following spectrum analyzer settings:

Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel

RBW ≥ 1% of the 20 dB bandwidth, VBW ≥ RBW

Sweep = auto, Detector function = peak, Trace = max hold

The EUT should be transmitting at its maximum data rate.

10.5. Uncertainty

The measurement uncertainty is evaluated as ± 24.30 kHz.

Contributions		Probability Distribution	Standard Uncertainty u_i(Hz)
Frequency Error	U_{01}	Rectangular	139.2
Frequency readout accuracy	U_{02}	Normal	12149
Combined Standard Uncertainty, U			12150
Expanded Ucertainty (for a 95 % confidence level, k=2)			24.30 kHz

10.6. Test Result of Occupied Bandwidth

Product : Cellular PCS CDMA Phone with EVDO and Bluetooth (BT2.0 + EDR)
Test Item : Occupied Bandwidth
Battery Type : Standard Battery

Test Mode	Frequency (MHz)	20 dB bandwidth (kHz)	Required Limit (kHz)	Result	Battery Type
Mode 1: Transmitter 1Mbps GFSK (Ch. 00)	2402	763.1	N/A	Pass	Standard
Mode 1: Transmitter 1Mbps GFSK (Ch. 39)	2441	770.6	N/A	Pass	Standard
Mode 1: Transmitter 1Mbps GFSK (Ch. 78)	2480	770.6	N/A	Pass	Standard
Mode 2: Transmitter 3Mbps EDR (Ch. 00)	2402	1317	N/A	Pass	Standard
Mode 2: Transmitter 3Mbps EDR (Ch. 39)	2441	1302	N/A	Pass	Standard
Mode 2: Transmitter 3Mbps EDR (Ch. 78)	2480	1317	N/A	Pass	Standard

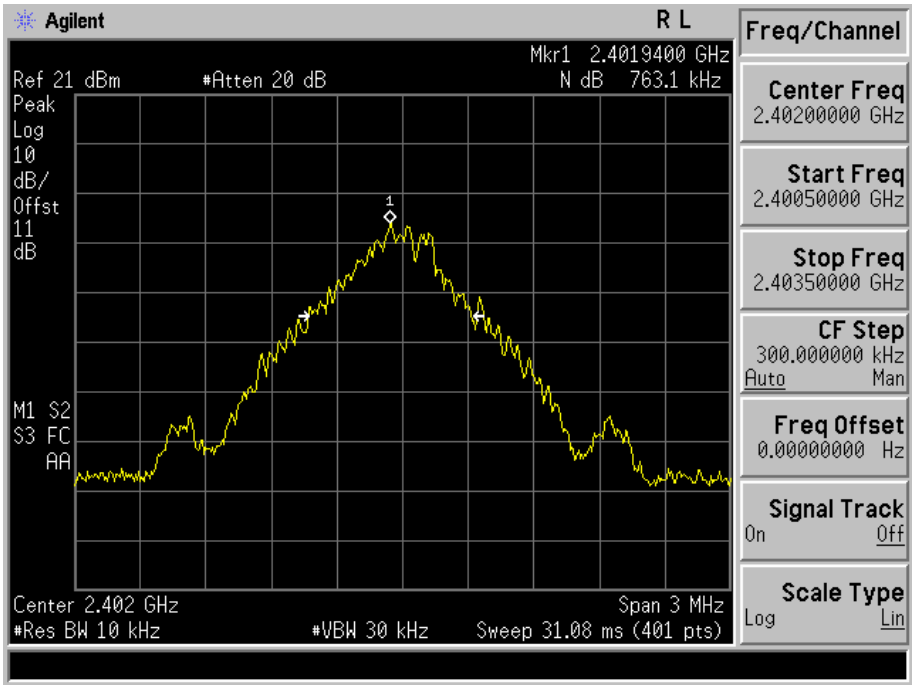


Fig. 10-1 Occupied Bandwidth measurement for mode 1(Ch. 00).

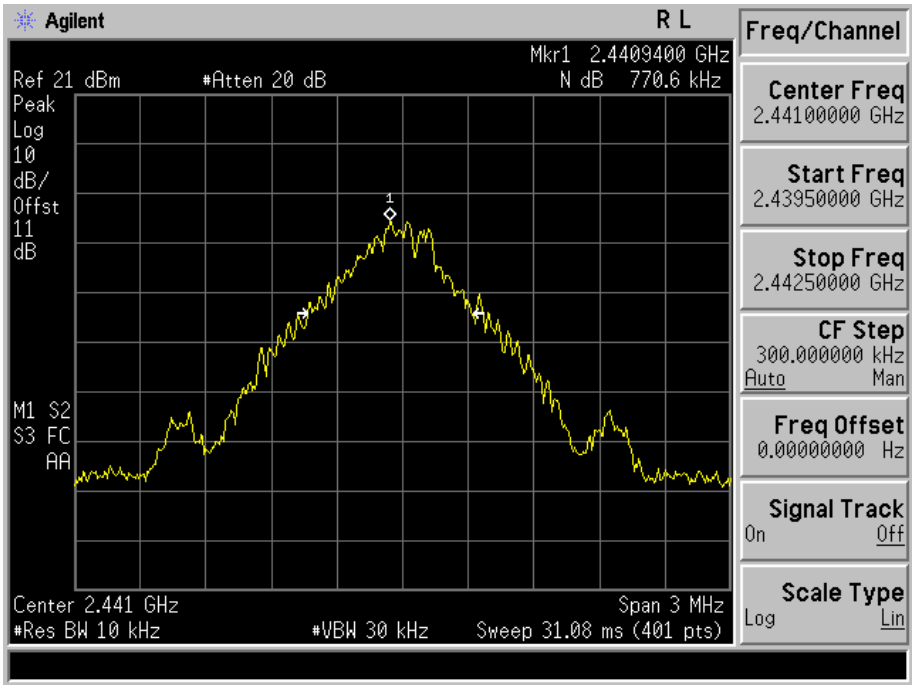


Fig. 10-2 Occupied Bandwidth measurement for mode 1(Ch. 39).

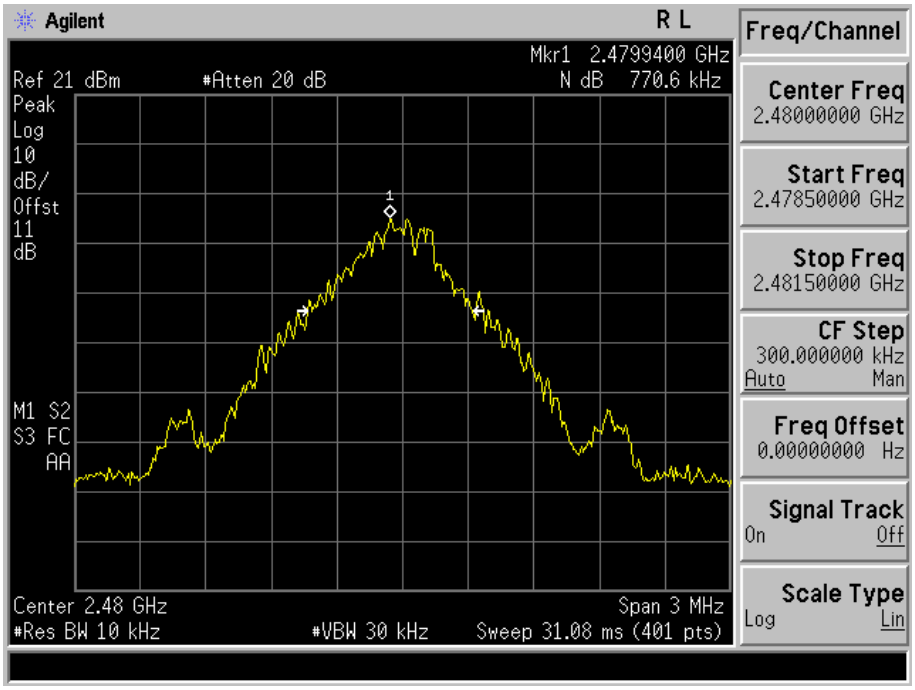


Fig. 10-3 Occupied Bandwidth measurement for mode 1(Ch. 78).

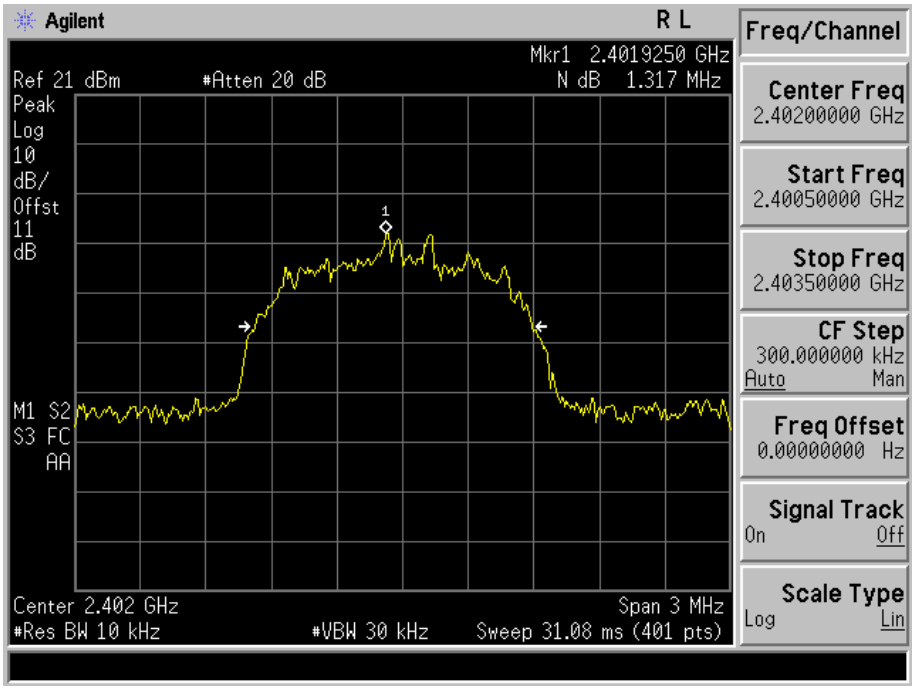


Fig. 10-4 Occupied Bandwidth measurement for mode 2(Ch. 00).

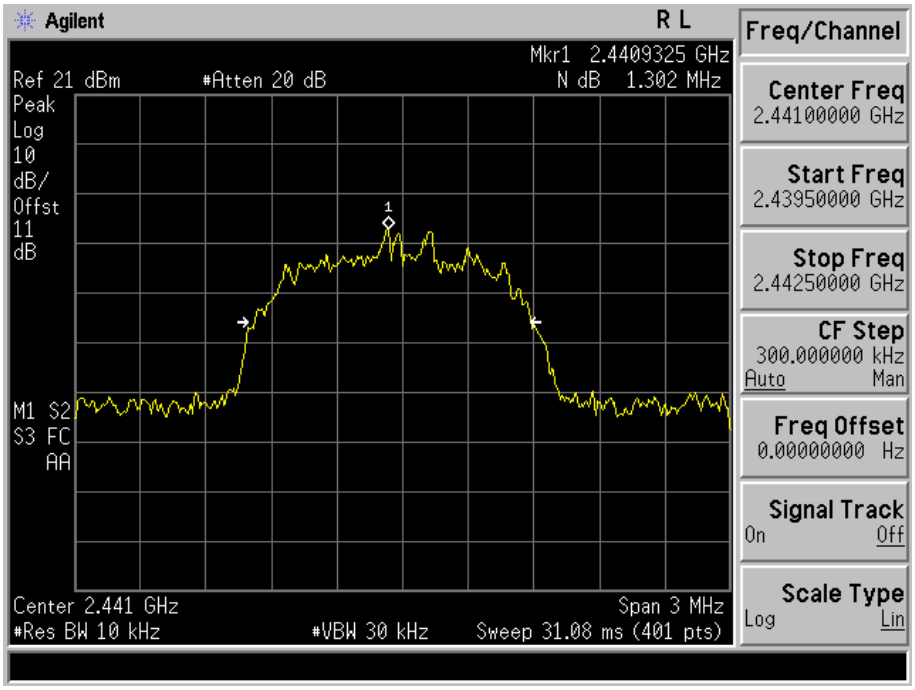


Fig. 10-5 Occupied Bandwidth measurement for mode 2(Ch. 39).

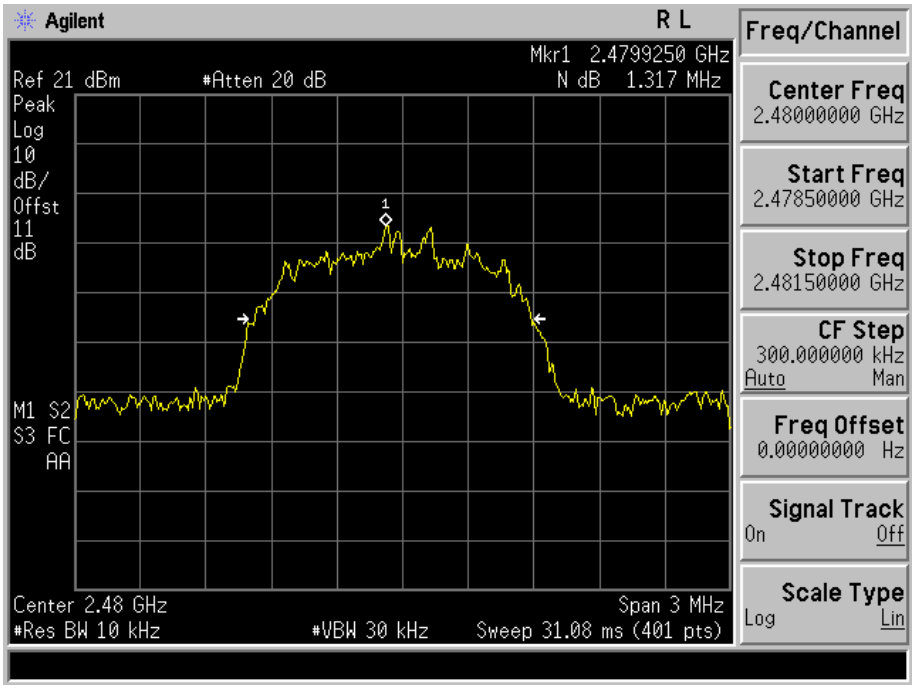


Fig. 10-6 Occupied Bandwidth measurement for mode 2(Ch. 78).