

Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

Plot # 37
FCC ID: P4F1100A



UltraTech
Engineering Labs Inc.

NEW HORIZONS TECHNOLOGIES INTERNATIONAL

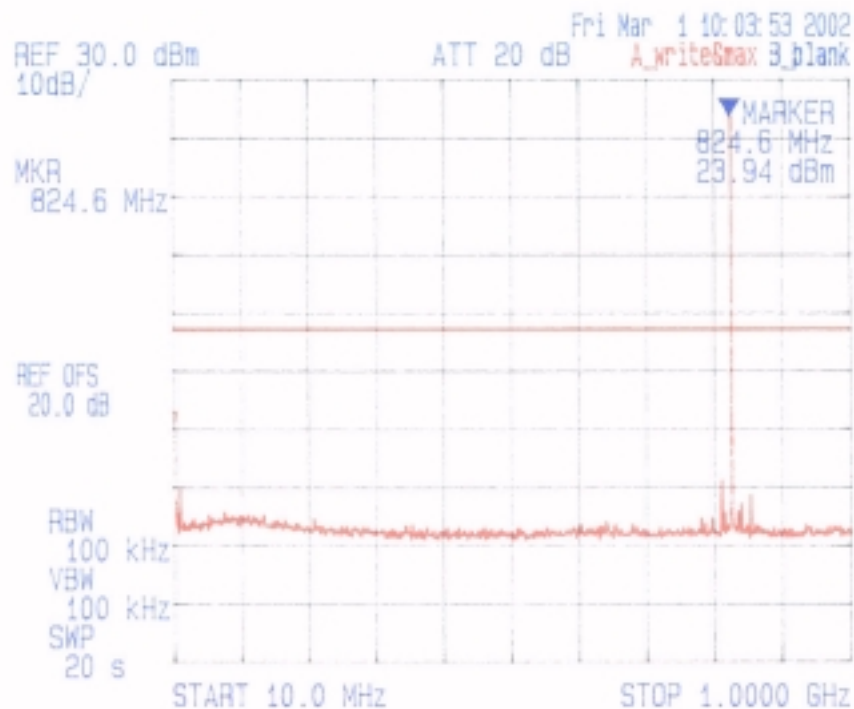
PORTABLE CELLULAR PHONE

Frequency: 824.6 MHz Power Output: 23.94 dBm
Mode: GPRS Mod: FM modulation with 2.5 kHz Sinwave & 8 kHz Freq. Dev.

Transmitter Antenna Power Conducted Emissions

Date: March 01, 2002
Tested by: Hung Trinh

PLOT # 37



Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions

Portable/Handheld Cellular Phone, Model 1100A

Plot # 38
FCC ID: P4F1100A

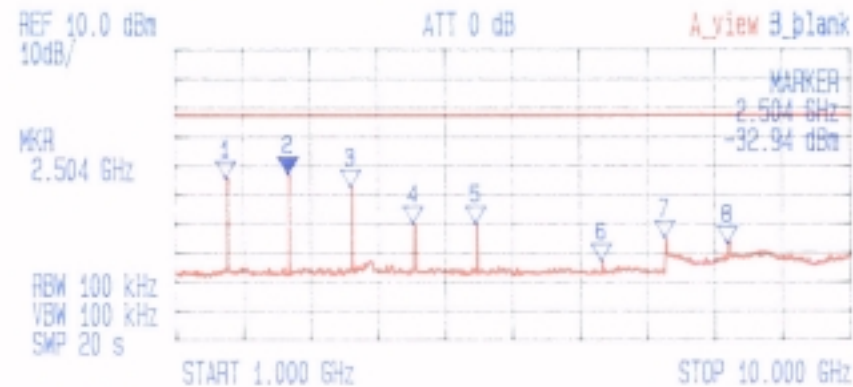


NEW HORIZONS TECHNOLOGIES INTERNATIONAL PORTABLE CELLULAR PHONE

Frequency 2.504 GHz, Power Output 33.5 dBm
Mode: GSM Mod: FM modulation with 2.5 kHz Sinewave - 8 kHz Freq. Dev.
Transmitter Antenna Power Conducted Emissions

Date: March 27, 2002
Tested by: Hung Trinh

PLOT # 35



*** Multi Marker List ***

No.1:	1.669 GHz	-34.38 dBm	A
No.2:	2.504 GHz	-32.94 dBm	A
No.3:	3.340 GHz	-37.28 dBm	A
No.4:	4.176 GHz	-49.94 dBm	A
No.5:	5.011 GHz	-50.00 dBm	A
No.6:	6.683 GHz	-62.69 dBm	A
No.7:	7.531 GHz	-55.00 dBm	A
No.8:	8.367 GHz	-56.56 dBm	A
Δ:			

Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

Plot # 39
FCC ID: P4F1100A

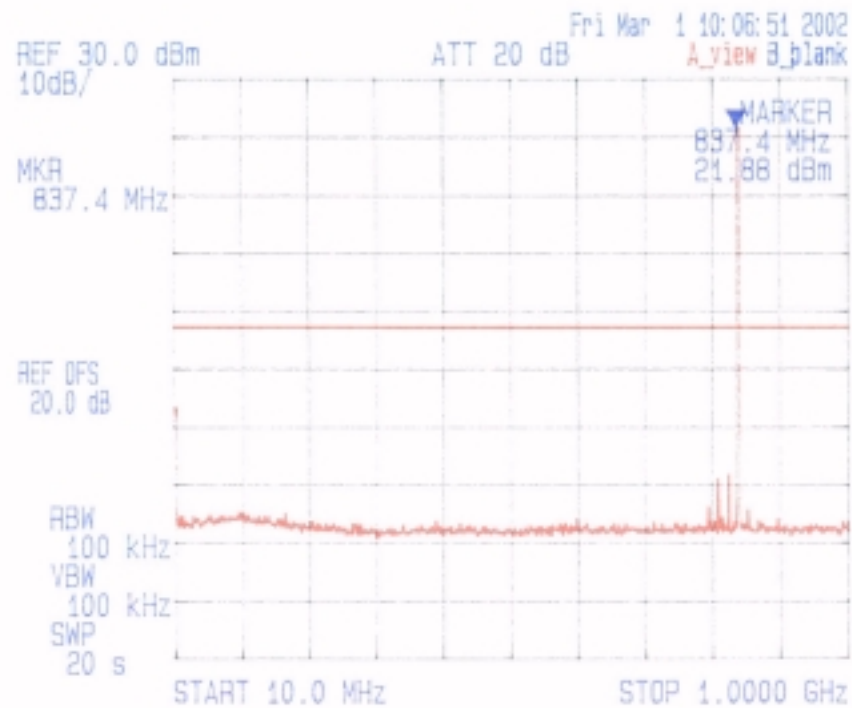


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NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE
Frequency: 837.4 MHz, Power Output: 21.88 dBm
Mode: GSM, Mod: FM modulation with 2.5 kHz Sinwave ± 8 kHz Freq. Dev.
Transmitter Antenna Power Conducted Emissions

Date: March 01, 2002
Tested by: Hung Trinh

Plot # 39



Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions

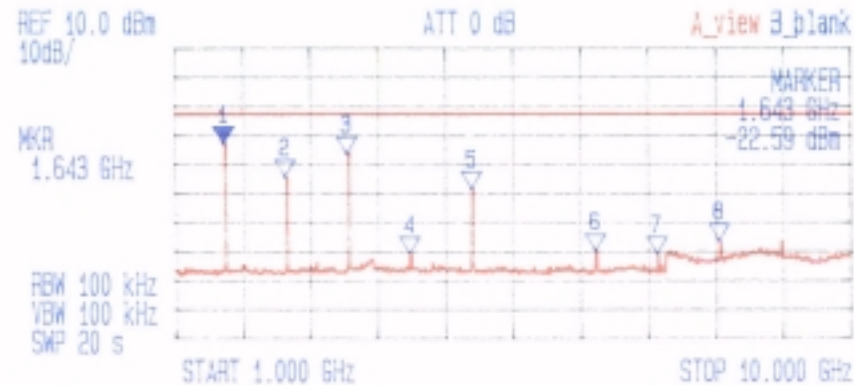
Portable/Handheld Cellular Phone, Model 1100A

Plot # 40
FCC ID: P4F1100A



NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE
Frequency: 852.037 MHz, Power Output: _____ dBm
Mode: GSM Mod: FM modulation with 2.5 kHz Sinusoid $\pm$ 8 kHz Freq. Dev.
Transmitter Antenna Power Conducted Emissions

Date: March 27, 2002
Tested by: Hung Trinh
Plot # 40



*** Multi Marker List ***

No.1:	1.643 GHz	-22.59 dBm	A
No.2:	2.466 GHz	-34.41 dBm	A
No.3:	3.289 GHz	-26.09 dBm	A
No.4:	4.124 GHz	-60.94 dBm	A
No.5:	4.947 GHz	-38.44 dBm	A
No.6:	6.593 GHz	-59.75 dBm	A
No.7:	7.416 GHz	-60.63 dBm	A
No.8:	8.239 GHz	-56.09 dBm	A
A:			

Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

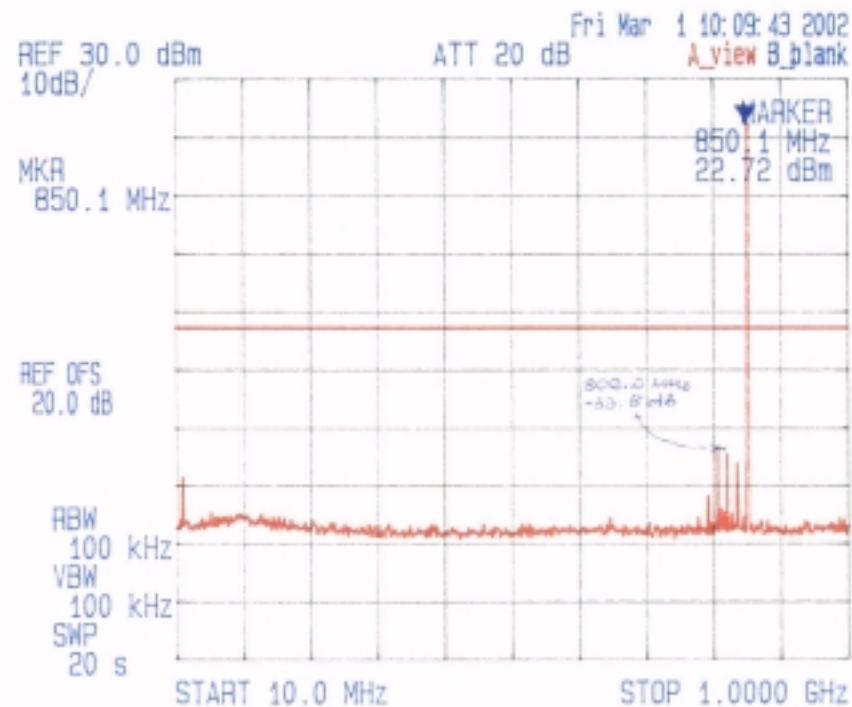
Plot # 41
FCC ID: P4F1100A



NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE
Frequency: 850.1 MHz, Power Output: 25.5 dBm
Mode: GSM, Mod.: FM modulation with 2.5 kHz Sinwave ± 5 kHz Freq. Dev.
Transmitter Antenna Power Conducted Emissions

Date: March 01 2002
Tested by: Hung Trinh

Plot # 41



Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

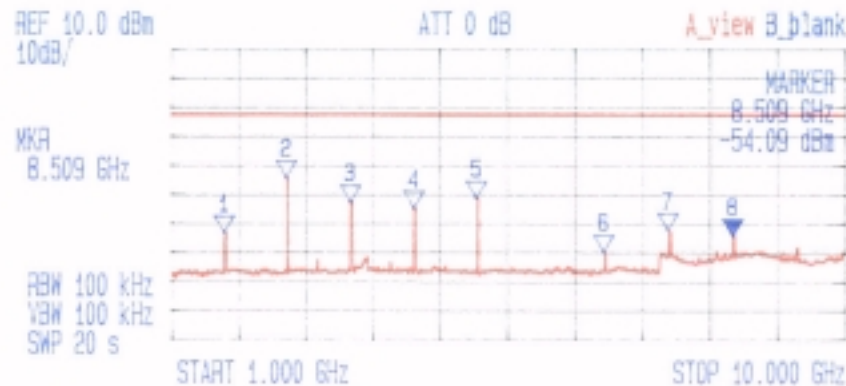
Plot # 42
FCC ID: P4F1100A



NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE
Frequency 850.017 MHz, Power Output 25.5 dBm
Mode GSM Mod: FM modulation with 2.5 kHz Sine wave $\pm$ 8 kHz Freq. Dev.
Transmitter Antenna Power Conducted Emissions

Date: March 21 2002
Tested by: Hung Trinh

Plot # 42



*** Multi Marker List ***

No.1:	1.707 GHz	-53.25 dBm	A
No.2:	2.543 GHz	-34.50 dBm	A
No.3:	3.404 GHz	-42.81 dBm	A
No.4:	4.253 GHz	-44.69 dBm	A
No.5:	5.089 GHz	-41.13 dBm	A
No.6:	6.786 GHz	-59.72 dBm	A
No.7:	7.647 GHz	-52.50 dBm	A
No.8:	8.509 GHz	-54.09 dBm	A
A:			

Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

Plot # 43
FCC ID: P4F1100A



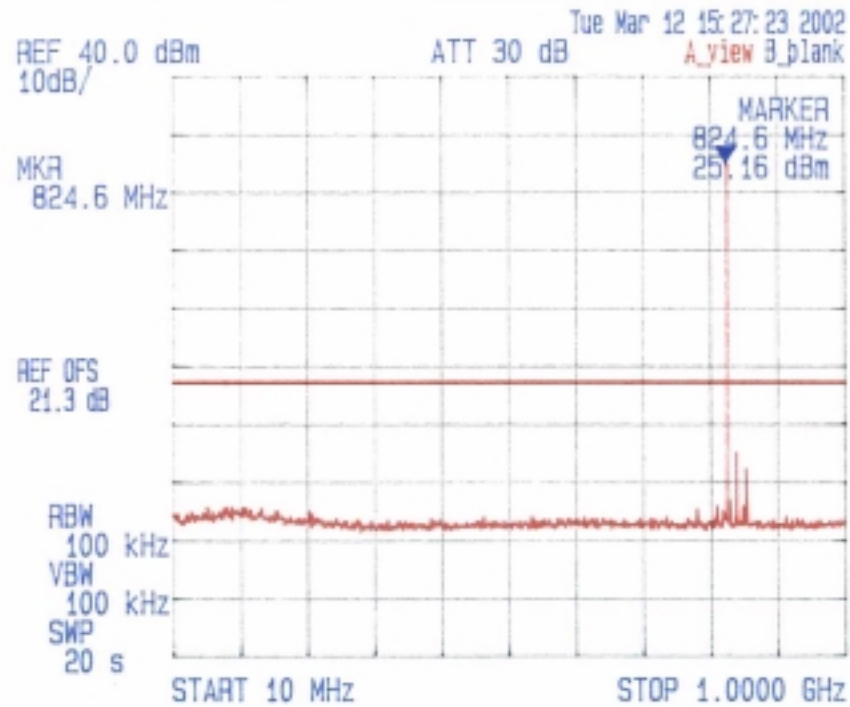
NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE

Frequency: 824.6 MHz, Power Output: 25.16 dBm
Mode: Wideband Data, Mod.: FM modulation with a pseudo-random 10 kb/s
data pattern at ± 8 kHz peak Freq. Dev.

Transmitter Antenna Power Conducted Emissions

Date: March 12, 2002
Tested by: Hung Trinh

Plot #43



Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

Plot # 44
FCC ID: P4F1100A



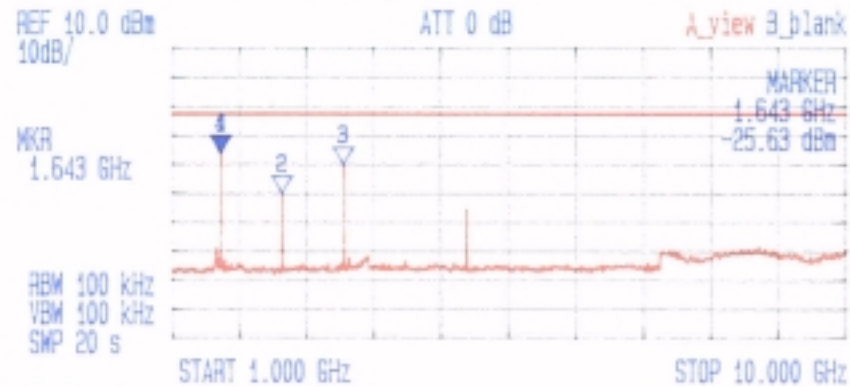
NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE

Frequency 8.900 MHz, Power Output 22.5 dBm
Mode: Widesband Data, Mod: FM modulation with a pseudo-random 10 kbit/s
data pattern at +8 kHz peak Freq. Dev.

Transmitter Antenna Power Conducted Emissions

Date: March 22, 2002
Tested by: Hung Trinh

Plot # 44



*** Multi Marker List ***

No.1:	1.643 GHz	-25.63 dBm	A
No.2:	2.466 GHz	-39.53 dBm	A
No.3:	3.289 GHz	-30.00 dBm	A
No.4:	1.643 GHz	-25.63 dBm	A
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

Plot # 45
FCC ID: P4F1100A



NEW HORIZONS TECHNOLOGIES INTERNATIONAL

PORTABLE CELLULAR PHONE

Frequency: 837.4 MHz, Power Output: 25.25 dBm

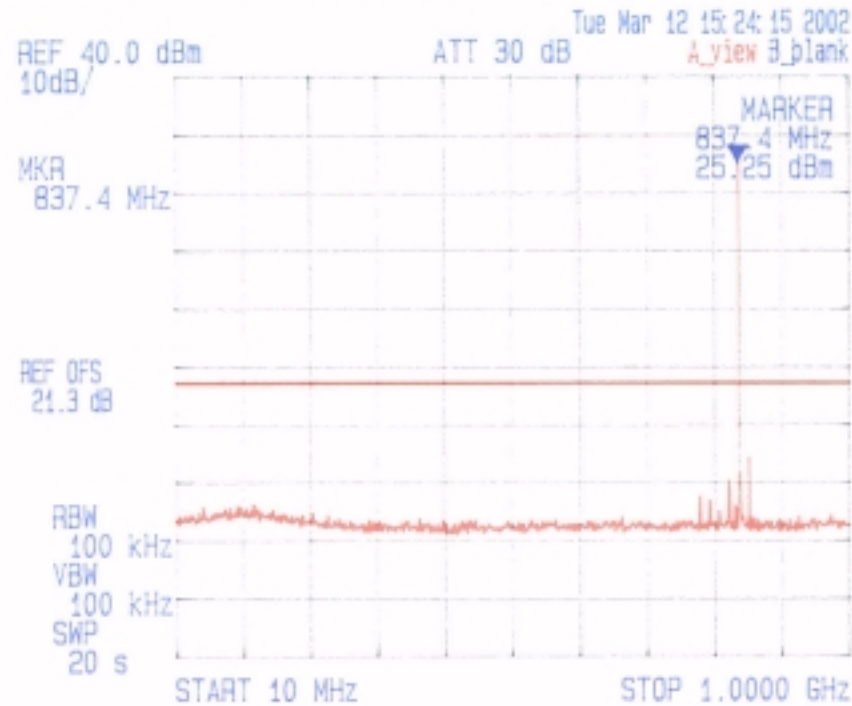
Mode: Wideband Data, Mod: FM modulation with a pseudo-random 10 kbps data pattern at ± 8 kHz peak Freq. Dev.

Transmitter Antenna Power Conducted Emissions

Date: March 20, 2002

Tested by: Hung Trinh

PLOT # 45



Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

Plot # 46
FCC ID: P4F1100A



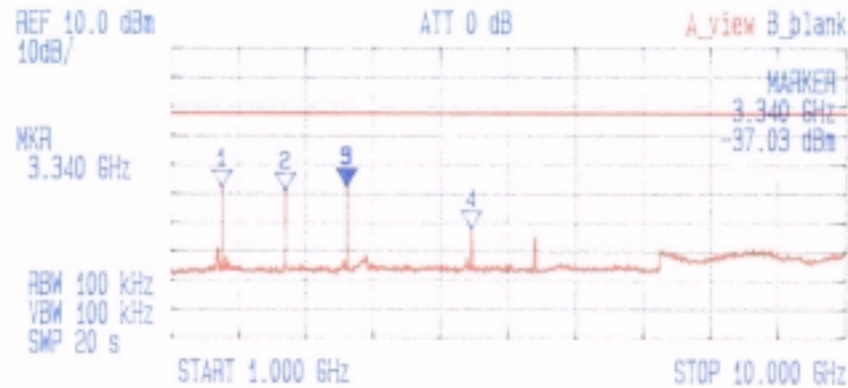
NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE

Frequency: 3.340 MHz, Power Output: 0.25 dBm
Mode: Wideband Data, Mod: FM modulation with a pseudo-random 10 kbps
data pattern at 8 kHz peak Freq. Dev.

Transmitter Antenna Power Conducted Emissions

Date: March 26, 2002
Tested by: Hung Trinh

Plot # 46



*** Multi Marker List ***

No.1:	1.669 GHz	-37.63 dBm	A
No.2:	2.517 GHz	-38.78 dBm	A
No.3:	3.340 GHz	-37.03 dBm	A
No.4:	5.011 GHz	-51.91 dBm	A
No.5:	3.340 GHz	-37.03 dBm	A
No.6:			
No.7:			
No.8:			
Δ:			

Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions
Portable/Handheld Cellular Phone, Model 1100A

Plot # 47
FCC ID: P4F1100A



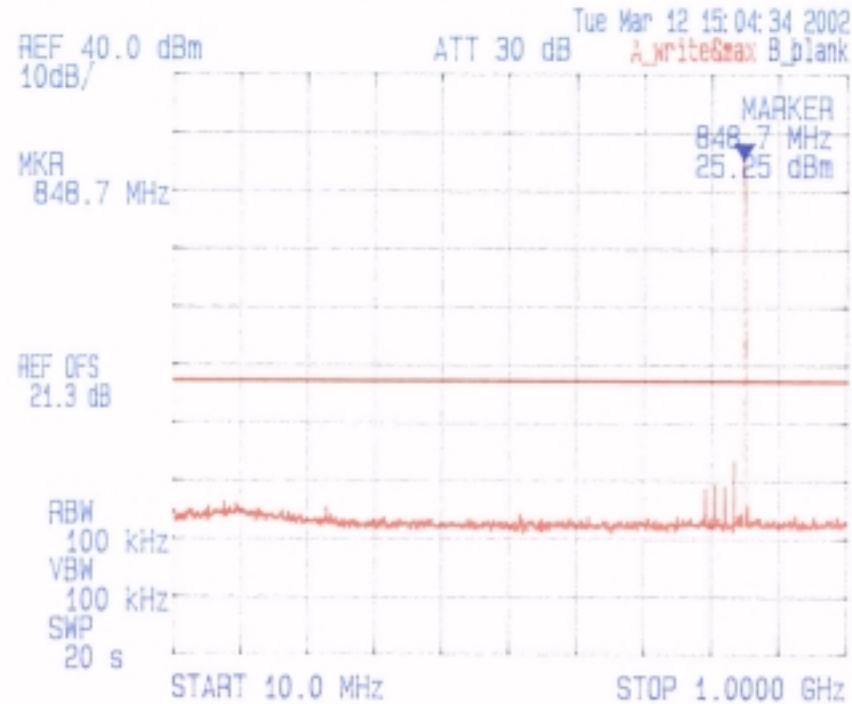
NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE

Frequency: 848.7 MHz Power Output: 25.25 dBm
Mode: Wideband Data Mod: FM modulation with a pseudo-random 10 kb/s
data pattern at ± 6 kHz peak Freq. Dev.

Transmitter Antenna Power Conducted Emissions

Date: March 12, 2002
Tested by: Hung Trinh

Plot # 47



Annex 1: Measurement Plots - Tx Spurious/Harmonic Emissions

Portable/Handheld Cellular Phone, Model 1100A

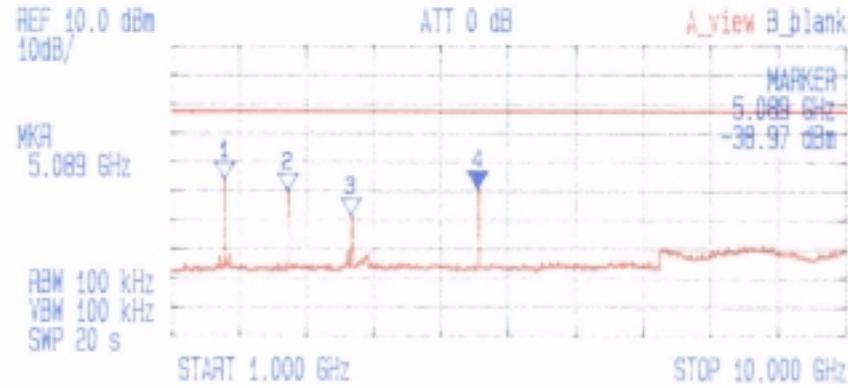
Plot # 48
FCC ID: P4F1100A



NEW HORIZONS TECHNOLOGIES INTERNATIONAL
PORTABLE CELLULAR PHONE
Frequency: 3.45 MHz, Power Output: 1.0 dBm
Mode: Wideband Data, Mod.: FM modulation with a pseudo-random 10 kb/s
data pattern at 8 kHz peak Freq. Dev.
Transmitter Antenna Power Conducted Emissions

Date: March 22, 2002
Tested by: Hung Trinh

Plot # 48



*** Multi Marker List ***

No.1:	1.694 GHz	-35.84 dBm	A
No.2:	2.543 GHz	-39.69 dBm	A
No.3:	3.391 GHz	-48.13 dBm	A
No.4:	5.089 GHz	-38.97 dBm	A
No.5:			
No.6:			
No.7:			
No.8:			
A:			