October 16, 2000

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046
Attn: Errol Chang

SUBJECT: **WIDE TELECOM INC.**
FCC ID: NPWWCH-100
731 Confirmation No.: EA98600

Dear Errol:

On behalf of Wide Telecom Inc. is an amendment to resubmit revised Field Strength of Spurious Radiation test data for the above-referenced application as follows:

1. Previously submitted test data did not account for an additional 20dB attenuator.
2. The actual floor of the spectrum analyzer is <100dBm.
3. The antenna factor and cable loss readings are corrected.
4. The table frequencies for the high channel are amended.

If you have any questions or comments regarding the above, please do not hesitate to contact me. An expedited review of this application is respectfully requested.

Sincerely,

Shawn McMillen
General Manager
Celltech Research Inc.
Testing & Engineering Lab

cc: Wide Telecom Inc.

3.3 FIELD STRENGTH OF SPURIOUS RADIATION – §2.1053

Operating Frequency:	824.70 MHz
Channel:	1013
Measured Conducted Power:	24.00dBm
Modulation:	CDMA (Internal)
Distance:	3 meters
Limit:	43 + 10 $\log_{10}$ (W) = 37.48 dBc

Frequency (MHz)	**Level** (dBm)	**AFCL** (dB)	**POL** (H/V)	**ERP** (dBm)	(dBc)
1649.40	≤ - 63.00	30.55	H	- 20.33	43.74
2474.10	≤ - 75.99	34.22	H	- 29.65	53.06
3298.80	≤ - 74.63	37.15	H	- 25.36	48.77
4123.50	≤ - 79.21	40.22	H	- 26.87	50.28
4948.20	< - 100				

Notes:

1. The bandwidth is set per §22.917 (RBW = 1MHz, VBW = 1MHz).
2. The spectrum was checked from 10 MHz up to 20GHz.
3. < -100dBm is below the floor of the spectrum analyzer.
4. The EUT is manipulated through 3 orthogonal axis and the worst-case emission are reported.
5. The EUT is placed 3.0 meters away from the receiving antenna and the ERP is calculated using the formula.
   ERP (dBm) = 10 Log $_{10}$ (((r(mV/m)/1 x 10^6)^2 / 49.2/1 x 10^{-3})
   ERP (dBm) = 10 Log $_{10}$ [(3 x FS/1 x 10^6)^2 / (49.2) x 1000]
   ERP (Watts) = {(3 x FS)/1 x 10^6}^{2} / 49.2
   Note: The antenna factor and cable loss were determined prior to the test.

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Operating Frequency:	835.89 MHz
Channel:	363
Measured Conducted Power:	24.00dBm
Modulation:	CDMA (Internal)
Distance:	3 meters
Limit:	43 + 10 $\log_{10}$ (W) = 37.48 dBc

Frequency (MHz)	**Level** (dBm)	**AFCL** (dB)	**POL** (H/V)	**ERP** (dBm)	(dBc)
1671.78	$\leq$ - 56.69	30.25	H	- 14.32	37.74
2507.67	$\leq$ - 73.53	34.01	H	- 27.40	50.82
3343.56	$\leq$ - 74.55	36.98	H	- 25.45	48.87
4179.45	$\leq$ - 81.11	39.89	H	- 29.10	52.52
5015.34	< - 100				

Notes:

1. The bandwidth is set per §22.917 (RBW = 1MHz, VBW = 1MHz).
2. The spectrum was checked from 10 MHz up to 20GHz.
3. < -100dBm is below the floor of the spectrum analyzer.
4. The EUT is manipulated through 3 orthogonal axis and the worst-case emission are reported.
5. The EUT is placed 3.0 meters away from the receiving antenna and the ERP is calculated using the formula:
   ERP (dBm) = 10 Log_{10} (((r(mV/m)/1 x 10^6)^2 / 49.2/1 x 10^{-3})
   ERP (dBm) = 10 Log_{10} [(3 x FS/1 x 10^6)^2 / (49.2) x 1000]
   ERP (Watts) = {(3 x FS)/1 x 10^6}^{2} / 49.2
   Note: The antenna factor and cable loss were determined prior to the test.

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Operating Frequency:	848.31 MHz
Channel:	777
Measured Conducted Power:	24.00dBm
Modulation:	CDMA (Internal)
Distance:	3 meters
Limit:	$43 + 10 \log_{10}$ (W) = 37.48 dBc

Frequency (MHz)	**Level** (dBm)	**AFCL** (dB)	**POL** (H/V)	**ERP** (dBm)	(dBc)
1696.62	$\leq$ - 59.23	30.12	H	- 16.99	40.87
2544.93	$\leq$ - 64.32	33.88	H	- 18.32	42.20
3393.24	$\leq$ - 74.87	36.75	H	- 26.00	49.88
4241.55	$\leq$ - 83.98	39.68	H	- 32.12	56.00
5089.86	< - 100				

Notes:

1. The bandwidth is set per §22.917 (RBW = 1MHz, VBW = 1MHz).
2. The spectrum was checked from 10 MHz up to 20GHz.
3. < -100dBm is below the floor of the spectrum analyzer.
4. The EUT is manipulated through 3 orthogonal axis and the worst-case emission are reported.
5. The EUT is placed 3.0 meters away from the receiving antenna and the ERP is calculated using the formula:
   ERP (dBm) $= 10 \text{ Log}_{10} (((r(mV/m)/1 \times 10^6)^2 / 49.2/1 \times 10^{-3})$
   ERP (dBm) $= 10 \text{ Log}_{10} [(3 \times FS/1 \times 10^6)^2 / (49.2) \times 1000]$
   ERP (Watts) $= \{(3 \times FS)/1 \times 10^6\}^2 / 49.2$
   Note: The antenna factor and cable loss were determined prior to the test.

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