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**KTL Dallas, Inc.****Field Strength of Spurious Emissions**

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Job No.: 0L0459R Date: 12/7/00  
Specification: Field Strength of Spurious Temperature(°C): 21  
Tested By: Kevin Rose Relative Humidity(%) 46  
E.U.T.: CDMA Handheld Phone  
Configuration: Transmit full power  
Sample Number: 1  
Location: AC 3 RBW: 1 MHz  
Detector Type: Peak VBW: 1 MHz

Complete X  
Preliminary \_\_\_\_\_

Measurement  
Distance: 3 m

**Test Equipment Used**

Antenna: 993 Directional Coupler: \_\_\_\_\_  
Pre-Amp: 1016 Cable #1: 1484  
Filter: \_\_\_\_\_ Cable #2: 1485  
Receiver: 1464 Cable #3: \_\_\_\_\_  
Attenuator #1: \_\_\_\_\_ Cable #4: \_\_\_\_\_  
Attenuator #2: \_\_\_\_\_ Mixer: \_\_\_\_\_

Additional equipment used: \_\_\_\_\_  
Measurement  
Uncertainty: +/-3.6 dB

| Frequency<br>(MHz) | Meter<br>Reading<br>(dBm) | Correction<br>Factor<br>(dB) |  | Pre-Amp<br>Gain<br>(dB) | Substitution<br>Antenna Gain<br>(dBd) |  | ERP<br>(dBm) | ERP<br>(mW) | Polarity | Comments |
|--------------------|---------------------------|------------------------------|--|-------------------------|---------------------------------------|--|--------------|-------------|----------|----------|
| 836.52             | -9.9                      | 32.3                         |  | 0                       | 0.5                                   |  | 22.9         | 196.79      | V        |          |
| 1673.04            | -67.3                     | 29.9                         |  | 31.6                    | 6.4                                   |  | -62.7        | 0.000001    | V        |          |
| 2509.56            | -51.2                     | 35.6                         |  | 32.3                    | 8.0                                   |  | -40.0        | 0.000101    | V        |          |
| 3346.08            | -64.7                     | 37.1                         |  | 32.3                    | 8.1                                   |  | -51.8        | 0.000007    | V        |          |
| 4182.60            | -63.7                     | 42.8                         |  | 31.4                    | 7.9                                   |  | -44.4        | 0.000037    | V        |          |
| 5019.12            | -70.0                     | 40.6                         |  | 29.5                    | 9.1                                   |  | -49.8        | 0.000010    | V        |          |
|                    |                           |                              |  |                         |                                       |  |              |             |          |          |
| 836.52             | -12.0                     | 32.3                         |  | 0                       | 0.5                                   |  | 20.8         | 120.50      | H        |          |
| 1673.04            | -53.0                     | 32.7                         |  | 31.6                    | 6.4                                   |  | -45.6        | 0.000028    | H        |          |
| 2509.56            | -47.5                     | 34.6                         |  | 32.3                    | 8.0                                   |  | -37.2        | 0.000190    | H        |          |
| 3346.08            | -62.2                     | 35.8                         |  | 32.3                    | 8.1                                   |  | -50.6        | 0.000009    | H        |          |
| 4182.6             | -72.7                     | 35.2                         |  | 31.4                    | 7.9                                   |  | -61.0        | 0.000001    | H        |          |
| 5019.12            | -65.5                     | 36.3                         |  | 29.5                    | 9.1                                   |  | -49.7        | 0.000011    | H        |          |
|                    |                           |                              |  |                         |                                       |  |              |             |          |          |
| 824.7              | -10.1                     | 32.3                         |  |                         | 0.5                                   |  | 22.7         | 187.931682  | V        |          |
| 824.7              | -13.4                     | 32.3                         |  |                         | 0.5                                   |  | 19.4         | 87.297137   | H        |          |
|                    |                           |                              |  |                         |                                       |  |              |             |          |          |
| 848.31             | -9.6                      | 32.3                         |  |                         | 0.5                                   |  | 23.2         | 210.86      | V        |          |
| 848.31             | -11.2                     | 32.3                         |  |                         | 0.5                                   |  | 21.6         | 144.88      | H        |          |
|                    |                           |                              |  |                         |                                       |  |              |             |          |          |
|                    |                           |                              |  |                         |                                       |  |              |             |          |          |
|                    |                           |                              |  |                         |                                       |  |              |             |          |          |
|                    |                           |                              |  |                         |                                       |  |              |             |          |          |

Notes: Channels: 1017, 384, and 771