# 13.1 SAR TEST DATA SUMMARY (Continued)

| | |
|---|---|
| Ambient TEMPERATURE (°C) | 18.7 |
| Relative HUMIDITY (%) | 54.0 |
| Atmospheric PRESSURE (kPa) | 99.6 |

| | |
|---|---|
| **Mixture Type:** | **800MHz Muscle** |
| **Dielectric Constant:** | **56.2** |
| **Conductivity:** | **0.95** |

## 13.2 Measurement Results (CDMA Body SAR from side)

| FREQUENCY MHz | FREQUENCY Ch. | Modulation | POWER * (dBm) | Separation Distance (cm)** | Antenna Position | SAR (W/kg) |
|---|---|---|---|---|---|---|
| 824.70 | 1013 | CDMA | 23.0 | 0.5 cm | Fixed | 0.201 |
| 836.49 | 0383 | CDMA | 23.0 | 0.5 cm | Fixed | 0.375 |
| 848.31 | 0777 | CDMA | 23.0 | 0.5 cm | Fixed | 0.273 |
| **ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population** | | | | | **Body 1.6 W/kg (mW/g)** averaged over 1 gram | |

NOTES:

1. All modes of operation were investigated and the worst-case are reported.
2. Battery condition is fully charged for all readings.
3. Battery Type ☒ Standard ☐ Extended
4. * Power Measured ☒ Conducted ☐ EIRP ☐ ERP
5. SAR Measurement System ☒ SPEAG ☐ IDX
6. SAR Configuration ☐ Head ☒ Body ☐ Hand
7. ** Test Configuration (bystander)

Randy Ortanez
President & Chief Engineer

**Figure 17. Body SAR Test Setup**

# 13.1 SAR TEST DATA SUMMARY (Continued)

| | |
|---|---|
| Ambient TEMPERATURE (°C) | 18.7 |
| Relative HUMIDITY (%) | 54.0 |
| Atmospheric PRESSURE (kPa) | 99.6 |

| | |
|---|---|
| **Mixture Type:** | **800MHz Muscle** |
| **Dielectric Constant:** | **56.2** |
| **Conductivity:** | **0.95** |

## 13.3 Measurement Results (CDMA Body SAR from bottom)

| FREQUENCY MHz | FREQUENCY Ch. | Modulation | POWER * (dBm) | Separation Distance (cm)** | Antenna Position | SAR (W/kg) |
|---|---|---|---|---|---|---|
| 824.70 | 1013 | CDMA | 23.0 | 0.5 cm | Out | 0.115 |
| 836.49 | 0383 | CDMA | 23.0 | 0.5 cm | Out | 0.100 |
| 848.31 | 0777 | CDMA | 23.0 | 0.5 cm | Out | 0.101 |
| **ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population** | | | | | **Body 1.6 W/kg (mW/g)** averaged over 1 gram | |

NOTES:

1. All modes of operation were investigated and the worst-case are reported.
2. Battery condition is fully charged for all readings.
3. Battery Type ☒ Standard ☐ Extended
4. * Power Measured ☒ Conducted ☐ EIRP ☐ ERP
5. SAR Measurement System ☒ SPEAG ☐ IDX
6. SAR Configuration ☐ Head ☒ Body ☐ Hand
7. ** Test Configuration (lap-mounted)

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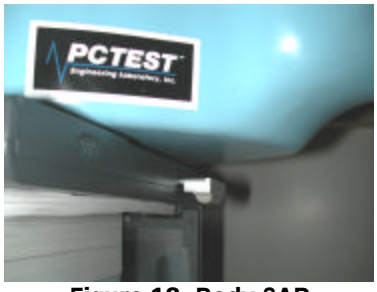


**Figure 18. Body SAR Test Setup**