# 13.1 SAR TEST DATA SUMMARY

| | |
|---|---|
| Ambient TEMPERATURE (°C) | 22.9 |
| Relative HUMIDITY (%) | 60.2 |
| Atmospheric PRESSURE (kPa) | 99.8 |

| | | | |
|---|---|---|---|
| **Mixture Type:** | **2450MHz Muscle** | | |
| **Dielectric Constant:** | **52.0** | **Measured Depth of Simulating Tissue:** | **15.5 cm** |
| **Conductivity:** | **2.20** | **Measured Tissue TEMPERATURE (°C)** | **22.7** |

## 13.3 Measurement Results (DSSS Body SAR)

| FREQUENCY MHz | FREQUENCY Ch. | Modulation | POWER * (dBm) | Separation Distance (cm)** | Antenna Position | SAR (W/kg) |
|---|---|---|---|---|---|---|
| 2412 | Low | DSSS | 21.5dBm | Touch | Fixed | 0.599 |
| 2437 | Mid | DSSS | 21.5dBm | Touch | Fixed | 0.449 |
| 2462 | High | DSSS | 21.5dBm | Touch | Fixed | 0.637 |
| **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. Standard Battery is the only option.
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 ☐ Body Holster ☒ Without Body Holster
   Spacing = Touch; Rear Panel (internal antenna side) of EUT touching flat phantom.

Randy Ortanez
President

**Figure 17. Body SAR Test Setup**

# 13.1 SAR TEST DATA SUMMARY (Continued)

| | |
|---|---|
| Ambient TEMPERATURE (°C) | 22.9 |
| Relative HUMIDITY (%) | 60.2 |
| Atmospheric PRESSURE (kPa) | 99.8 |

| | | | |
|---|---|---|---|
| **Mixture Type:** | **2450MHz Muscle** | | |
| **Dielectric Constant:** | **52.0** | **Measured Depth of Simulating Tissue:** | **15.5 cm** |
| **Conductivity:** | **2.20** | **Measured Tissue TEMPERATURE (°C)** | **22.7** |

## 13.4 Measurement Results (DSSS Hand SAR – Rear* of EUT)

| FREQUENCY MHz | FREQUENCY Ch. | Modulation | POWER ** (dBm) | Phantom Position | Antenna Position | SAR (W/kg) |
|---|---|---|---|---|---|---|
| 2412 | Low | DSSS | 21.5dBm | Flat | Fixed | 0.309 |
| 2437 | Mid | DSSS | 21.5dBm | Flat | Fixed | 0.231 |
| 2462 | High | DSSS | 21.5dBm | Flat | Fixed | 0.315 |
| **ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population** | | | | **Hand 4.0 W/kg (mW/g)** averaged over 10 grams | | |

NOTES:

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

*Spacing = Touch; Front panel (antenna flip-side) of EUT is placed parallel to flat phantom.

Randy Ortanez
President

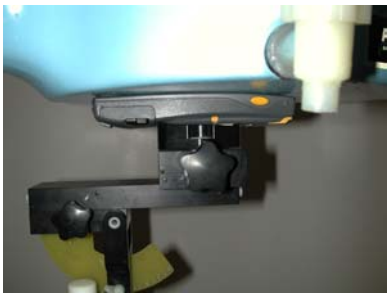

**Figure 18. Hand SAR Test Setup**


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