| Ambient TEMPERATURE (°C)   | 20.3  |
|----------------------------|-------|
| Relative HUMIDITY (%)      | 53.1  |
| Atmospheric PRESSURE (kPa) | 101.3 |

| Brain |
|-------|
| 41.5  |
| 0.90  |
|       |

Closest Distance (between E-Probe & Phone): 2.0 cm

# Measurement Results (AMPS & CDMA Head SAR)

| FREQUE  | ENCY | Modulation | POWER | Phantom   |        | Antenna                               | SAR    |
|---|------|------------|-------|-----------|--------|---------------------------------------|--------|
| MHz   | Ch.  |            | (dBm) | Pos       | sition | Position                              | (W/kg) |
| 824.04  | 991  | AMPS       | 27.2  | Rig       | ht Ear | IN                                    | 0.5060 |
| 824.04  | 991  | AMPS       | 27.2  | Rig       | ht Ear | OUT                                   | 1.0688 |
| 836.49  | 383  | AMPS       | 27.2  | Rig       | ht Ear | IN                                    | 0.4949 |
| 836.49  | 383  | AMPS       | 27.2  | Right Ear |        | OUT                                   | 0.8887 |
| 848.97  | 799  | AMPS       | 27.2  | Right Ear |        | IN                                    | 0.4548 |
| 848.97  | 799  | AMPS       | 27.2  | Right Ear |        | OUT                                   | 0.6955 |
| 824.70  | 1013 | CDMA       | 25.4  | Right Ear |        | IN                                    | 0.4125 |
| 824.70  | 1013 | CDMA       | 25.4  | Right Ear |        | OUT                                   | 0.4949 |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |            |       |           |        | Brain<br>1.6 W/kg (r<br>averaged over | nW/g)  |

#### NOTES:

- 1. The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
- 2. All modes of operation were investigated and the worst-case are reported.
- 3. Power Measured
- 4. SAR Measurement System
- 5. SAR Configuration
- Conducted
- □ SPEAG
- ⊠ Head

□ ERP

□ Hand

Randy Ortanez President



□ EIRP

⊠ IDX

Body

Head SAR Test Setup

HYUNDAI FCC ID: PP4TX-25B (Model: TX-25B) Tri-Mode Analog/PCS Phone (AMPS/CDMA)

| Ambient TEMPERATURE (°C)   | 19.3  |
|----------------------------|-------|
| Relative HUMIDITY (%)      | 43.1  |
| Atmospheric PRESSURE (kPa) | 100.0 |

| Mixture Type:        | Brain |
|----------------------|-------|
| Dielectric Constant: | 40.4  |
| Conductivity:        | 1.62  |

Closest Distance (between E-Probe & Phone):

2.0 cm

### Measurement Results (PCS Head SAR)

| FREQUE  | NCY  | Modulation |       |           | ntom                                  | Antenna  | SAR    |
|---|------|------------|-------|-----------|---------------------------------------|----------|--------|
| MHz   | Ch.  |            | (dBm) | Pos       | sition                                | Position | (W/kg) |
| 1851.25   | 25   | CDMA       | 24.8  | Right Ear |                                       | IN       | 0.5461 |
| 1851.25   | 25   | CDMA       | 24.8  | Rigł      | nt Ear                                | OUT      | 0.9639 |
| 1880.00   | 600  | CDMA       | 24.8  | Right Ear |                                       | IN       | 0.5473 |
| 1880.00   | 600  | CDMA       | 24.8  | Right Ear |                                       | OUT      | 0.8974 |
| 1908.75   | 1175 | CDMA       | 24.8  | Right Ear |                                       | IN       | 0.6213 |
| 1908.75   | 1175 | CDMA       | 24.8  | Right Ear |                                       | OUT      | 0.8004 |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |            |       |           | Brain<br>1.6 W/kg (r<br>averaged over | nW/g)    |        |

NOTES:

- 1. The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
- 2. All modes of operation were investigated and the worst-case are reported. □ EIRP
- 3. Power Measured

Conducted

ERP 

4. SAR Measurement System 5. SAR Configuration

□ SPEAG ⊠ Head

 $\mathbf{X}$ IDX Body

Hand

Randy Ortanez President



Fig. B Head SAR Test Setup

HYUNDAI FCC ID: PP4TX-25B (Model: TX-25B) Tri-Mode Analog/PCS Phone (AMPS/CDMA)

| Ambient TEMPERATURE (°C)   | 20.0  |
|----------------------------|-------|
| Relative HUMIDITY (%)      | 53.1  |
| Atmospheric PRESSURE (kPa) | 101.0 |

| Mixture Type:        | Brain |
|----------------------|-------|
| Dielectric Constant: | 41.5  |
| Conductivity:        | 0.90  |

Closest Distance (between E-Probe & Phone): 1.5 cm

# Measurement Results (AMPS & CDMA Head SAR)

| FREQUE<br>MHz   | NCY<br>Ch. | Modulation | POWER<br>(dBm) | Phantom<br>Position |                                       | Antenna<br>Position | SAR<br>(W/kg) |
|---|------------|------------|----------------|---------------------|---------------------------------------|---------------------|---------------|
| 824.04  | 991        | AMPS       | 27.2           | Left Ear/Tilt       |                                       | OUT                 | 0.6777        |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |            |            |                |                     | Brain<br>1.6 W/kg (r<br>averaged over | nW/g)               |               |

NOTES:

4.

5.

- 1. The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
- 2. All modes of operation were investigated and the worst-case are reported.
- 3. Power Measured

SAR Measurement System

SAR Configuration

- ☑ Conducted □ SPEAG
- 🗵 Head

☑ IDX☑ Body☑ Hand

ERP

□ EIRP

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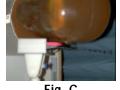


Fig. C Head SAR Test Setup

| Ambient TEMPERATURE (°C)   | 20.0  |
|----------------------------|-------|
| Relative HUMIDITY (%)      | 53.1  |
| Atmospheric PRESSURE (kPa) | 101.0 |

| Brain |
|-------|
| 40.4  |
| 1.62  |
|       |

Closest Distance (between E-Probe & Phone):

1.5 cm

### Measurement Results (PCS Head SAR)

| FREQUE<br>MHz   | ENCY<br>Ch. | Modulation | POWER<br>(dBm) | Phantom<br>Position |                                       |       |        | Antenna<br>Position | SAR<br>(W/kg) |
|---|-------------|------------|----------------|---------------------|---------------------------------------|-------|--------|---------------------|---------------|
| 1851.25   | 25          | CDMA       | 24.8           | Left Ear/Tilt       |                                       | OUT   | 0.9043 |                     |               |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |             |            |                |                     | Brain<br>I.6 W/kg (r<br>averaged over | nW/g) |        |                     |               |

NOTES:

4.

5.

- The test data reported are the worst-case SAR value with the antenna-head position set in a 1. typical configuration.
- 2. All modes of operation were investigated and the worst-case are reported.
- 3. Power Measured

SAR Measurement System

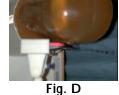
SAR Configuration

- $\mathbf{X}$ Conducted SPEAG ⊠ Head
  - □ Body

IDX Hand

ERP

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□ EIRP

 $\mathbf{X}$ 

Head SAR Test Setup