

SAR DATA SUMMARY (Continued)

Mixture Type: 1900MHz Brain

14.7 MEASUREMENT RESULTS (1900MHz PCS GSM Left Head SAR – Touch)

FREQUENCY		Modulation	Begin / End POWER [‡]			Device Test Position	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
1850.20	512	GSM	30.1	30.1	Standard	Cheek / Touch	Fixed	0.590
1880.00	661	GSM	30.0	30.0	Standard	Cheek / Touch	Fixed	0.740
1909.80	810	GSM	29.9	29.9	Standard	Cheek / Touch	Fixed	0.847
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Brain 1.6 W/kg (mW/g) averaged over 1 gram		
Spatial Peak								
Uncontrolled Exposure/General Population								

NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration. Test procedures used are according to FCC/OET Bulletin 65, Supp.C [July 2001].
 - All modes of operation were investigated, and worst-case results are reported.
 - Battery is fully charged for all readings. *Standard Battery is the Only Battery option.*
- | | | | |
|---------------------------|--|---|-------------------------------------|
| *Power Measured | ☒ Conducted | ☐ ERP | ☐ EIRP |
| 4. SAR Measurement System | ☒ DASY3 | ☐ IDX | ☐ |
| Phantom Configuration | ☒ Left Head | ☐ Flat Phantom | ☐ Right Head |
| 5. SAR Configuration | ☒ Head | ☐ Body | ☐ Hand |
| 6. Test Signal Call Mode | ☒ Manu. Test Codes | ☐ Base Station Simulator | |
- Tissue parameters and temperatures are listed on the SAR plots.


Randy Ortanez
President



Figure 14.7 Left Head SAR Test Setup
-- Cheek / Touch Position --

PCTEST™ SAR REPORT	FCC CERTIFICATION		NEC	Reviewed by: Quality Manager
SAR Filename: SAR-220227171.A98	Test Dates: Feb. 28 - Mar. 6, 2002	Phone Type: Dual-Band GSM Phone	FCC ID: A98-MP6J1E1-1F	Page 24 of 30

NEC FCC ID: A98-MP6J1E1-1F -- 1900MHz GSM Head SAR

SAM Phantom; Left Hand Section; Probe:ET3DV6 - SN1560; ConvF(5.16,5.16,5.16)

Med. Parameters 1900 MHz Brain: $\sigma = 1.44 \text{ mho/m}$ $\epsilon_r = 40.1$ $\rho = 1.00 \text{ g/cm}^3$; Antenna Position -- Out; Crest Factor 8.0

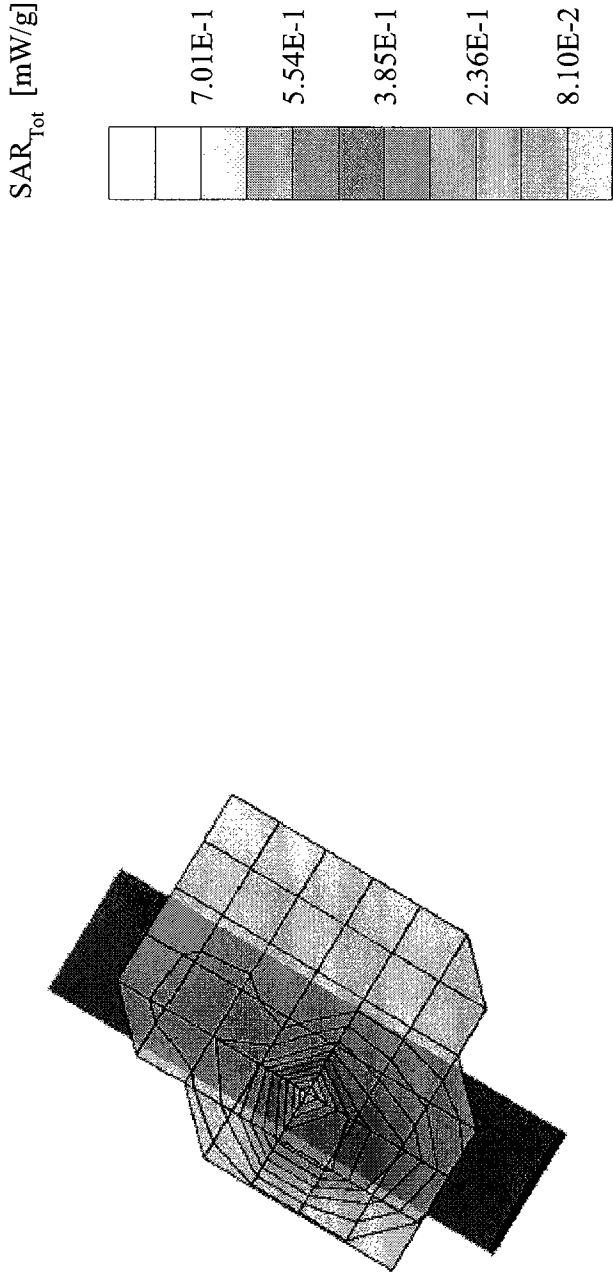
SAR (1g): 0.740 mW/g, SAR (10g): 0.460 mW/g

NEC DualBand GSM Phone Model: MP6J1E1-1F

1880MHz GSM Mode, Ch.661 [1909.8MHz]; Standard Battery; Ambient Temp. = 22.0°C / Meas. Tissue Temp. = 21.9°C

Conducted Power = 29.9dBm; Flip = open; Left Head SAR, Cheek/Touch position

Test Date -- 05/30/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]



NEC FCC ID: A98-MP6J1E1-1F -- 1900MHz GSM Head SAR

SAM Phantom; Left Hand Section; Probe:ET3DV6 - SN1560; ConvF(5.16,5.16,5.16)

Med. Parameters 1900 MHz Brain: $\sigma = 1.40 \text{ mho/m}$ $\epsilon_r = 40.1$ $\rho = 1.00 \text{ g/cm}^3$; Antenna Position -- Out; Crest Factor 8.0

SAR (1g): **0.847 mW/g**, SAR (10g): 0.492 mW/g

NEC DualBand GSM Phone Model: MP6J1E1-1F

1900MHz GSM Mode, Ch.810 [1909.8MHz]; Standard Battery; Ambient Temp. = 22.0°C / Meas. Tissue Temp. = 21.9°C

Conducted Power = 29.9dBm; Flip = open; Left Head SAR, Cheek/Touch position

Test Date -- 05/30/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]

