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 Spatial Peak Uncontrolled Exposure/General Population						**Brain 1.6 W/kg (mW/g) averaged over 1 gram**		

NOTES:

1. 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].
2. All modes of operation were investigated, and worst-case results are reported.
3. 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		

7. Tissue parameters and temperatures are listed on the SAR plots.

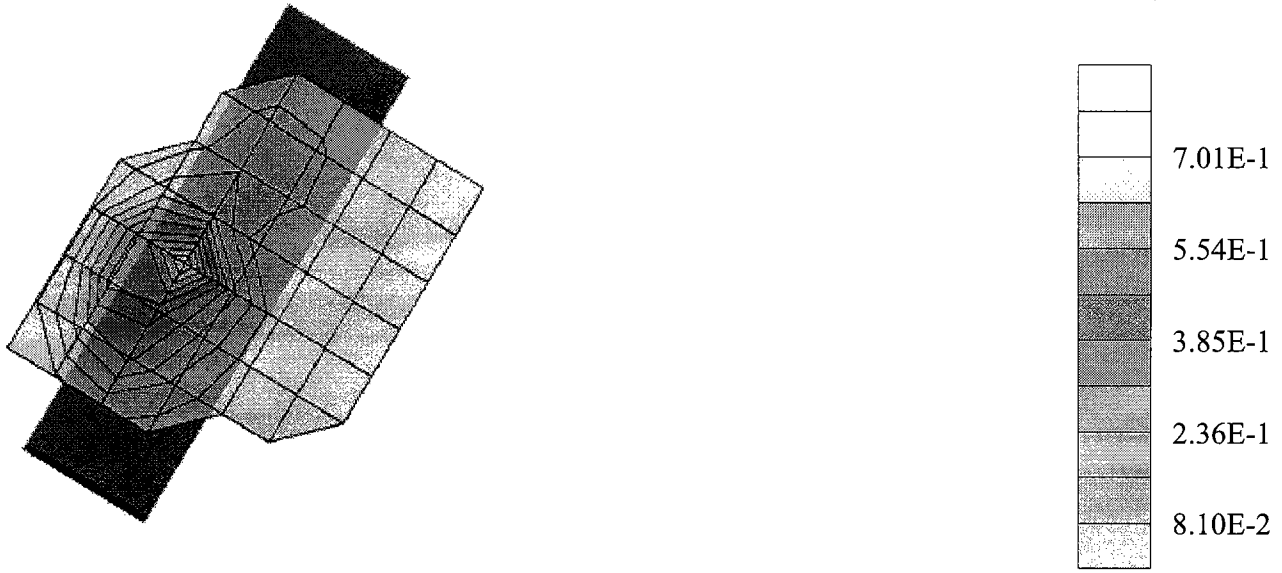
Randy Ortanez
President

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

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: σ = 1.44 mho/m ε_r = 40.1 ρ = 1.00 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: $\sigma = 1.40$ mho/m $\varepsilon_r = 40.1$ $\rho = 1.00$ 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]