

SAR DATA SUMMARY

Mixture Type: 835MHz Muscle

A.1 MEASUREMENT RESULTS (CDMA Body SAR w/ Leather Holster)

FREQUENCY		Modulation	Begin / End POWER [†]			Separation Distance (cm) ^{††}	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
836.49	0383	CDMA	24.5	24.5	Standard	2.0 [w/ Holster]	In	0.27
836.49	0383	CDMA	24.5	24.5	Standard	2.0 [w/ Holster]	Out	0.33
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Muscle 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 & Extended batteries are options.
- [†]Power Measured ☒ Conducted ☐ ERP ☐ EIRP
^{††}Test Configuration ☐ DASY3 ☒ IDX
 Phantom Configuration ☐ Left Head ☒ Flat Phantom ☐ Right Head
 SAR Configuration ☐ Head ☒ Body ☐ Hand
 Test Signal Call Mode ☒ Manu. Test Codes ☐ Base Station Simulator
 Tissue parameters and temperatures are listed on the SAR plots.
 Both sides of the phone were tested and the worst-case side is reported.
 Liquid tissue depth is 15.1 cm. ± 0.1


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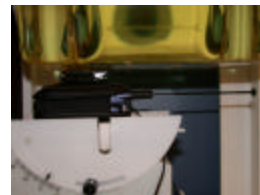




Figure A.1 Body SAR Test Setup
-- w/ Holster --

PCTEST SAR TEST REPORT		FCC CERTIFICATION		Reviewed by: Quality Manager
SAR Filename: SAR-221007522.CJ6	Test Dates: October 14, 2002	Phone Type: Tri-Mode Dual-Band	FCC ID: CJ6DCE46036A	

SAR Data Report 02101417

Start : 14-Oct-02 05:03:45 pm
End : 14-Oct-02 05:10:35 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : TOSHIBA
Model Number : CDM-9500
Frequency : 836.49 MHz
Transmit Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : SAM FLAT2
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 56.200
Tissue Conductivity : 0.990
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Muscle
Calibrated Dielectric : 55.700
Calibrated Conductivity : 0.990
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 4.900
Probe Sensitivity : 3.597 3.474 3.049 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 1000 Samples
NIDAQ Gain: 5

Comments:

CDMA Mode CH-0383
Body
CF=1; Amb. Temp= 22.1 'C; Liq. Temp=22.0 'C

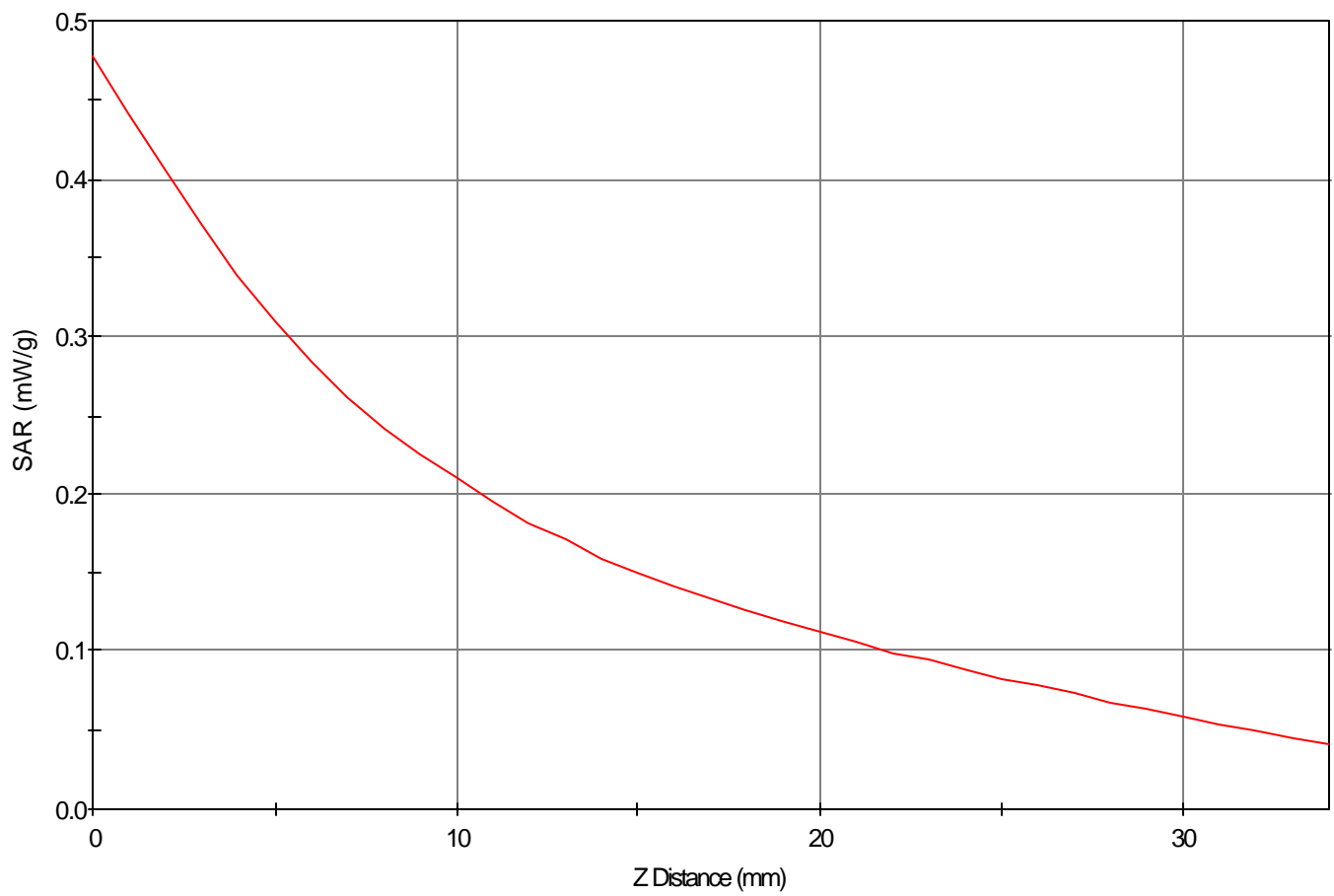
Area Scan - Max Peak SAR Value at x=18.0 y=-23.0 = 0.31 W/kg

Zoom Scan - Max Peak SAR Value at x=16.0 y=-25.0 z=0.0 = 0.48 W/kg

Max 1g SAR at x=19.0 y=-24.0 z=0.0 = 0.33 W/kg

Max 10g SAR at x=19.0 y=-25.0 z=0.0 = 0.22 W/kg

SAR - Z Axis
at Hotspot x:16.0 y:-25.0



1g SAR Values

