

Freq. (MHz)	Amplitude (dB)	Phase (deg)	Rel. Perm.	Condy (S/m)
835	-24.574	-155.24	54.66	0.964
900	-25.362	-195.89	54.89	1.01

Freq. (MHz)	Amplitude (dB)	Phase (deg)	Rel. Perm.	Condy (S/m)
1880	-35.194	-57.077	52.75	1.55
1900	-35.426	-65.621	52.47	1.56

Prior to formal testing at each frequency a system verification was performed in accordance with IEEE 1528. The balanced dipole source was placed at the specified distance in horizontal orientation. All of the testing described in this report was performed within 24 hours of the system verification. The following results were obtained:

Date	Frequency (MHz)	CW input at dipole feed (Watts)	Max measured 1g SAR (W/kg)	Max measured 1g SAR normalized to 1 Watt (W/kg)	1 Watt reference SAR value from IEEE 1528 (W/kg)	Difference reference SAR value to normalized SAR
03/05/2004	900	1.0	10.28	10.28	10.8	-4.82%
03/05/2004	1900	1.0	40.61	40.61	39.7	+2.29%

Conducted output power:

Channel 190 30.2 dBm

Channel 661 28.9 dBm

Date / Time: 3/5/2004 8:44:10 AM
Filename: *.txt
Device Tested: Curitel GA-160C
Antenna: integral
Shape File: Curitel_MBW20_body.csv

Position: antenna toward phantom
 17 mm
Phantom: HeadBox_new_spout.csv
Head Rotation: 0
Test Frequency: 836.6
Power Level: max 2 timeslots TX

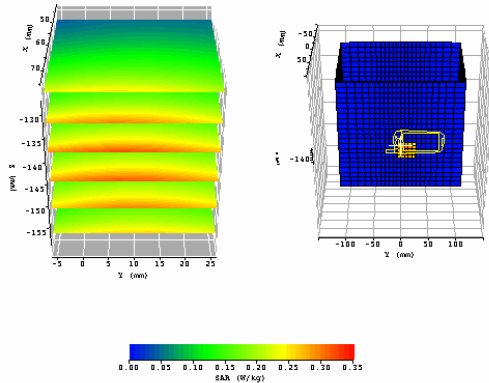
Probe: 0106
Cal File: 106_835_BODY_28

Cal Factors:

	X	Y	Z
Air	415	805	371
DCP	12.81	5.68	11.4
Lin	0.357	0.357	0.357

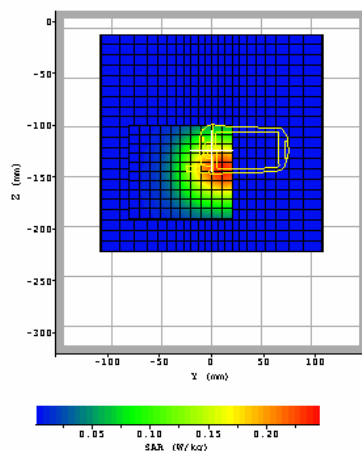
Amp Gain: 32
Averaging: 6
Batteries
Replaced: 02/11/04

Liquid: 835
Type: Body
Conductivity: 0.957
Relative Permittivity: 54.66
Liquid Temp (deg C): 22.0
Ambient Temp (deg C): 22.0
Ambient RH (%): 50
Density (kg/m3): 1000
Software Version: 0.420



ZOOM SCAN RESULTS:

Spot SAR (W/kg):	Start Scan	End Scan	
	0.150	0.146	
Change during Scan (%)	-2.73		
Max E-field (V/m):	18.34		
Max SAR (W/kg)	1g	10g	
	0.287	0.206	
Location of Max (mm):	X	Y	Z
	75.0	-6.0	-143.2



AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	-80.0	20.0	10.0
Z	-190.0	-100.0	10.0

Date / Time:	3/5/2004 10:54:00 AM	Position:	antenna toward phantom 17 mm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Curitel GA-160C	Head Rotation:	0
Antenna:	integral	Test Frequency:	1880
Shape File:	Curitel_MBW20_body.csv	Power Level:	max 2 timeslots TX

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	32			
Averaging:	6			
Batteries				
Replaced:	02/11/04			

Liquid:	1800
Type:	Body
Conductivity:	1.55
Relative Permittivity:	52.75
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

Two 3D SAR scan plots and a color bar. The left plot shows a color-coded SAR distribution on a rectangular grid with axes X (mm) from 15 to 40, Y (mm) from -140 to -165, and Z (mm) from 50 to 80. The right plot shows a 3D wireframe model of a head phantom with a yellow rectangular region indicating the scan area. A color bar at the bottom indicates SAR (W/kg) values from 0.00 to 0.05.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Change during

Scan (%)

Max E-field

(V/m):

Max SAR

(W/kg)

Start Scan

0.017

End Scan

0.017

-0.02

5.92

1g

0.046

10g

0.027

Location of

Max (mm):

X

75.0

Y

12.0

Z

-154.0

0.000 0.005 0.010 0.015 0.020 0.025 0.030 0.035

SAR (W/kg)

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	-20.0	80.0	10.0
Z	-190.0	-100.0	10.0