

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	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:	836.6
Shape File:	Curitel_MBW20_body.csv	Power Level:	max 2 timeslots TX

Probe:	0106																
Cal File:	106_835_BODY_28																
Cal Factors:	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> <th>Z</th> </tr> </thead> <tbody> <tr> <td>Air</td> <td>415</td> <td>805</td> <td>371</td> </tr> <tr> <td>DCP</td> <td>12.81</td> <td>5.68</td> <td>11.4</td> </tr> <tr> <td>Lin</td> <td>0.357</td> <td>0.357</td> <td>0.357</td> </tr> </tbody> </table>		X	Y	Z	Air	415	805	371	DCP	12.81	5.68	11.4	Lin	0.357	0.357	0.357
		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:	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> <th>Z</th> </tr> </thead> <tbody> <tr> <td>Air</td> <td>415</td> <td>805</td> <td>371</td> </tr> <tr> <td>DCP</td> <td>12.81</td> <td>5.68</td> <td>11.4</td> </tr> <tr> <td>Lin</td> <td>0.477</td> <td>0.477</td> <td>0.477</td> </tr> </tbody> </table>		X	Y	Z	Air	415	805	371	DCP	12.81	5.68	11.4	Lin	0.477	0.477	0.477
		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

ZOOM SCAN RESULTS:

Spot SAR (W/kg):	Start Scan	End Scan
	0.017	0.017
Change during Scan (%):	-0.02	
Max E-field (V/m):	5.92	
Max SAR (W/kg)	1g	10g
	0.046	0.027

Location of Max (mm):	X	Y	Z
	75.0	12.0	-154.0

AREA SCAN:

Scan Extent:		Min	Max	Steps
	Y	-20.0	80.0	10.0
	Z	-190.0	-100.0	10.0