

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98082108_ZOOM.VLT
Start : 21-Aug-98 11:08:42 am End : 21-Aug-98 11:21:23 am

Radio Type : SAMSUNG
Model Number : A3LSCH411
Serial Number : 00013
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
CHAN 991
DUAL MODE PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 3.250, Y = 0.250, Z = 0.000 (cm) Value = 23.214

Measured Values (volts) =

2.119E-002	1.613E-002	9.748E-003	5.198E-003	2.869E-003	1.424E-003
6.191E-004	-1.322E-004	-3.114E-004	-8.027E-004	-7.238E-004	-8.849E-004
-8.878E-004					

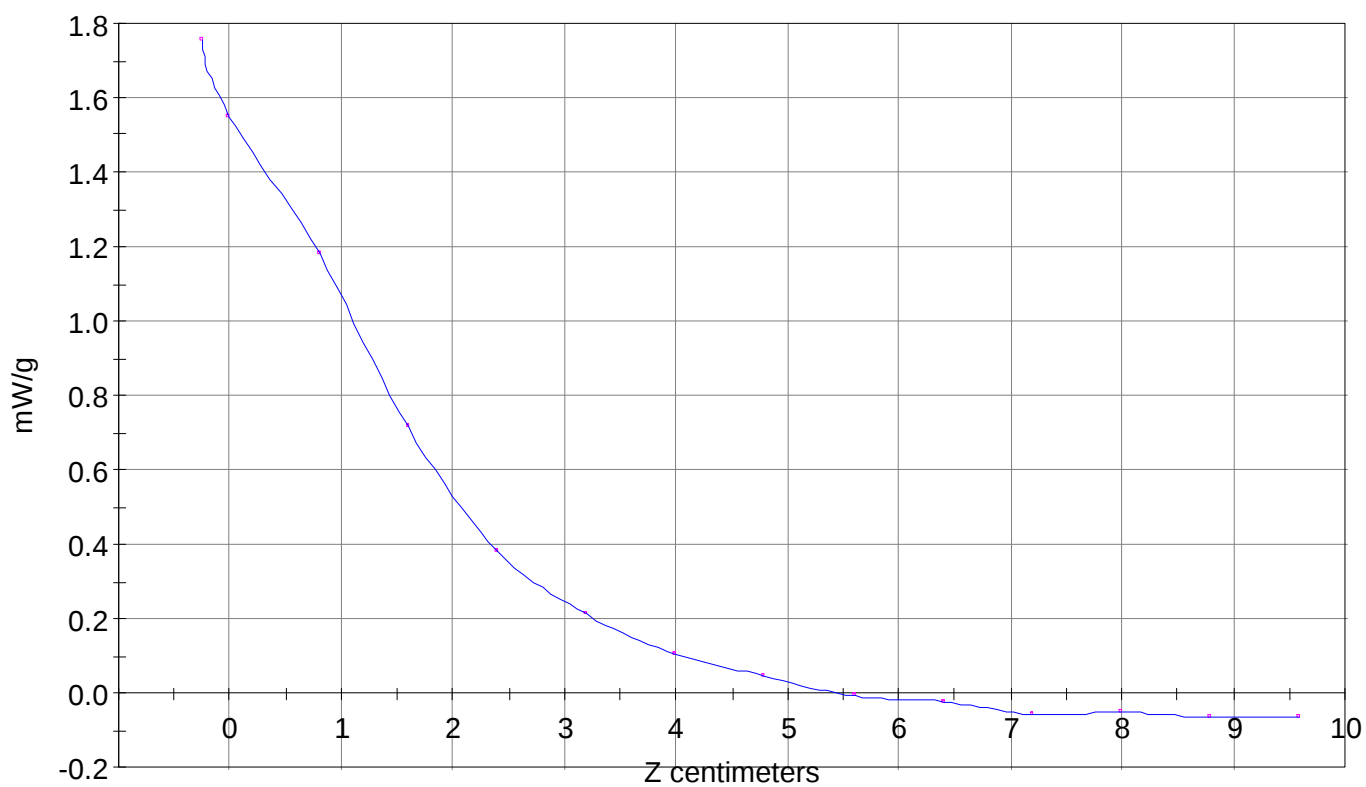
Calc. Voltage @ Surface (Vs) = 0.0240

Voltage @ 1.00 cm (Vt) = 0.0164

Ave. Voltage (Vs+Vt)/2 = 0.0202

Ave. SAR over 1 g (mW/g) = 1.4785

SAR Scan
File : 98082108_ZOOM
Start : 21-Aug-98 11:08:42 am End : 21-Aug-98 11:21:23 am
SAMSUNG/A3LSCH411/00013;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

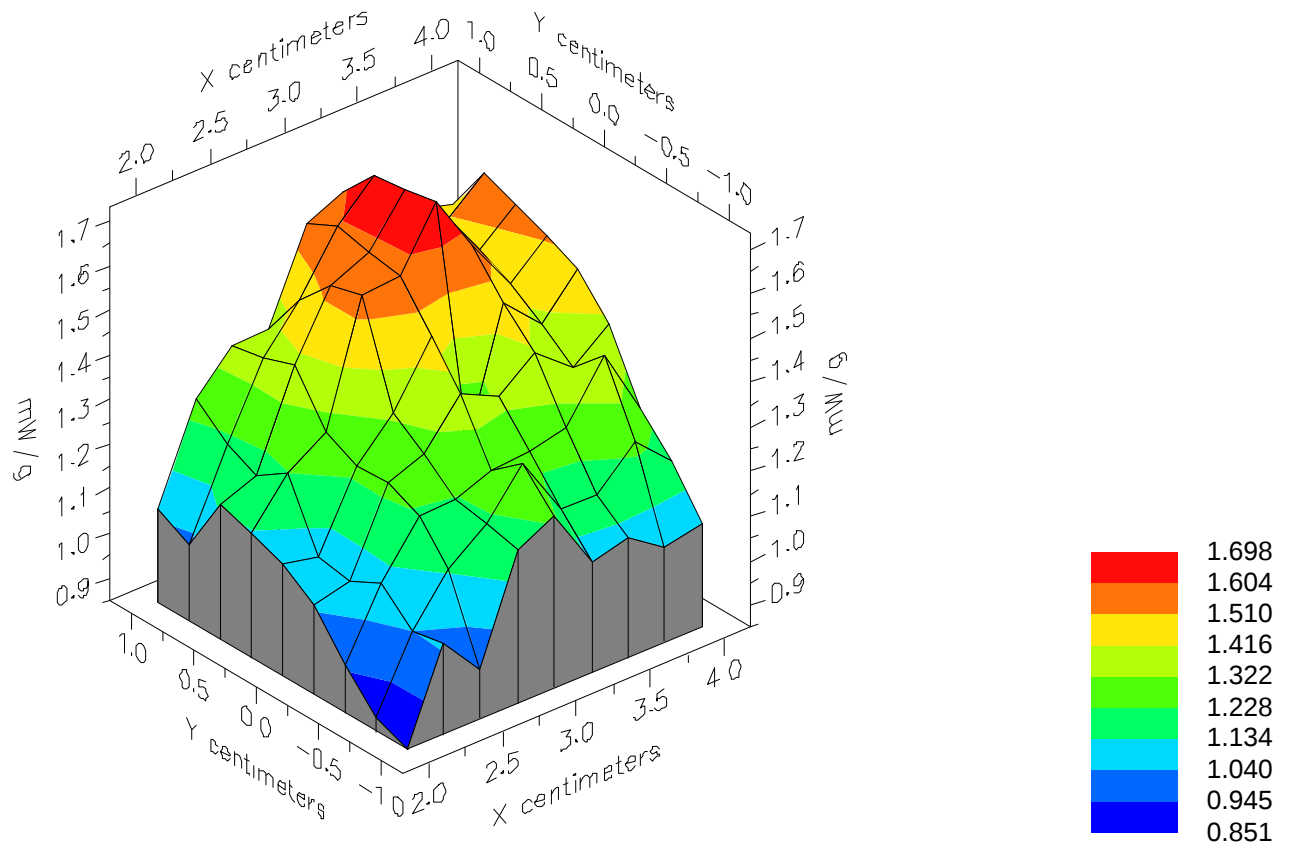


File : 98082108_ZOOM

Start : 21-Aug-98 11:08:42 am End : 21-Aug-98 11:21:23 am

SAMSUNG/A3LSCH411/00013;824.04MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

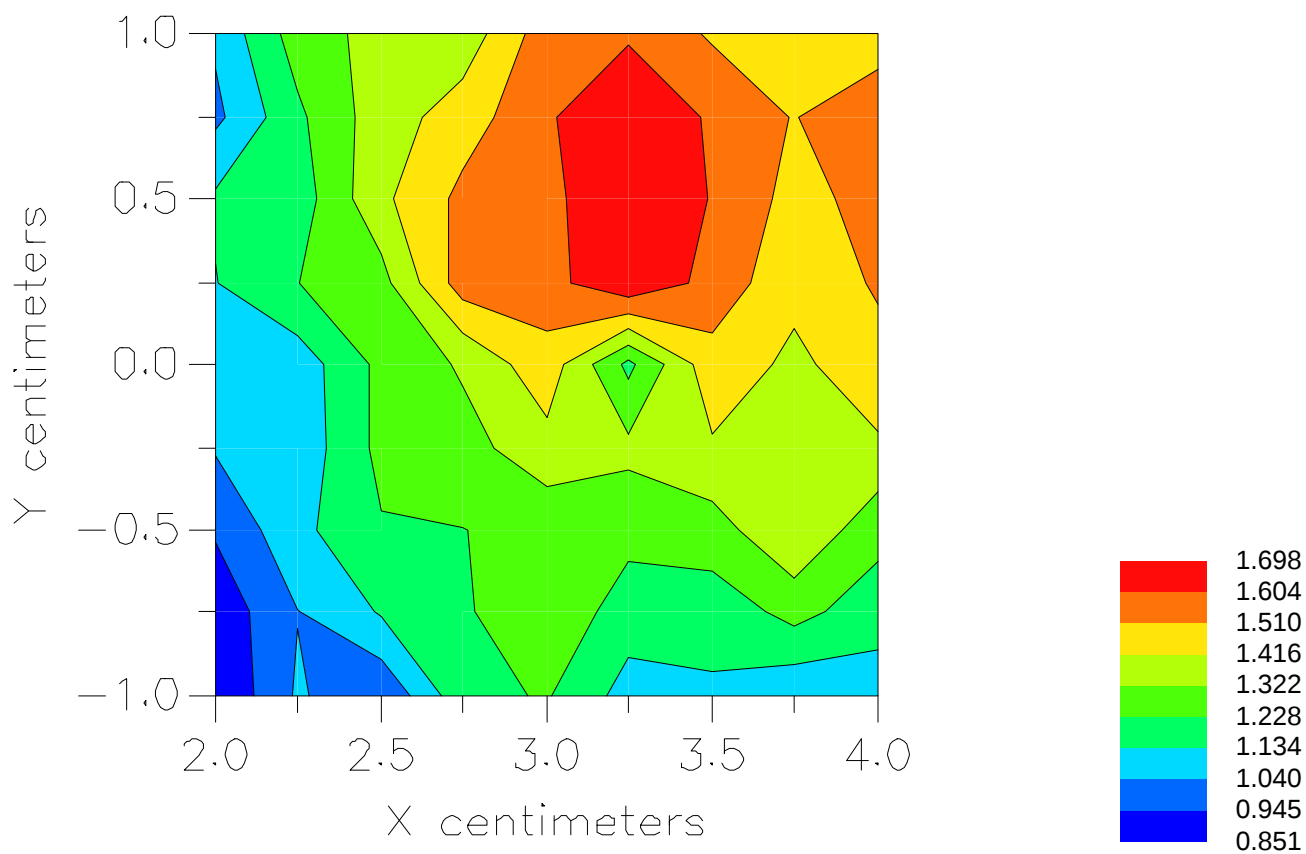


File : 98082108_ZOOM

Start : 21-Aug-98 11:08:42 am End : 21-Aug-98 11:21:23 am

SAMSUNG/A3LSCH411/00013;824.04MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98082107_ZOOM.VLT
Start : 21-Aug-98 10:45:54 am End : 21-Aug-98 10:58:32 am

Radio Type : SAMSUNG
Model Number : A3LSCH411
Serial Number : 00013
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
CHAN 991
DUAL MODE PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 3.500, Y = 0.750, Z = 0.000 (cm) Value = 20.097

Measured Values (volts) =

2.021E-002	1.523E-002	9.031E-003	5.052E-003	2.461E-003	1.502E-003
3.096E-005	-1.966E-004	-6.399E-004	-7.516E-004	-1.057E-003	-8.148E-004
-1.267E-003					

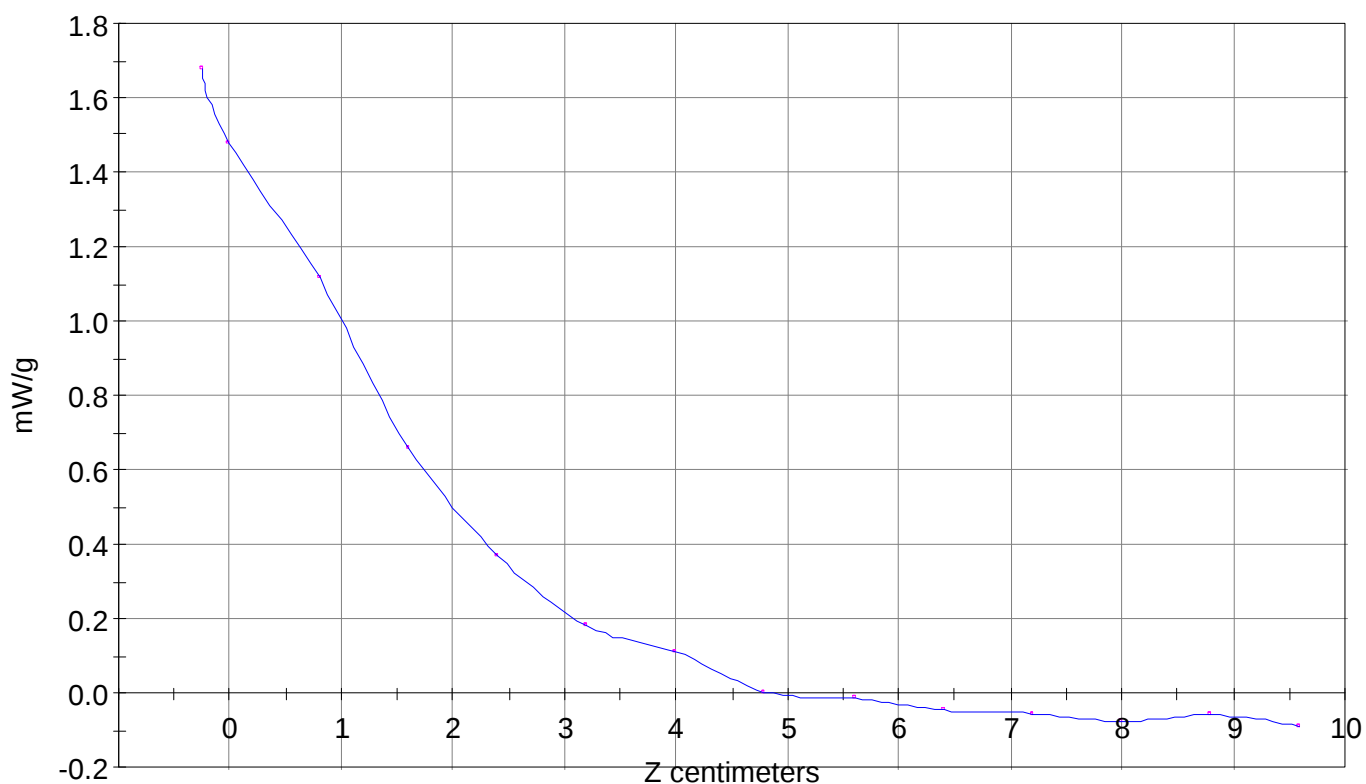
Calc. Voltage @ Surface (Vs) = 0.0230

Voltage @ 1.00 cm (Vt) = 0.0155

Ave. Voltage (Vs+Vt)/2 = 0.0193

Ave. SAR over 1 g (mW/g) = 1.4084

SAR Scan
File : 98082107_ZOOM
Start : 21-Aug-98 10:45:54 am End : 21-Aug-98 10:58:32 am
SAMSUNG/A3LSCH411/00013;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98082109_ZOOM.VLT
Start : 21-Aug-98 11:22:37 am End : 21-Aug-98 11:34:50 am

Radio Type : SAMSUNG
Model Number : A3LSCH411
Serial Number : 00013
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
CHAN 383
DUAL MODE PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 3.500, Y = 0.750, Z = 0.000 (cm) Value = 20.874

Measured Values (volts) =

2.092E-002	1.582E-002	9.179E-003	4.885E-003	2.128E-003	9.263E-004
3.073E-004	-5.020E-004	-8.087E-004	-5.473E-004	-8.833E-004	-7.878E-004
-7.481E-004					

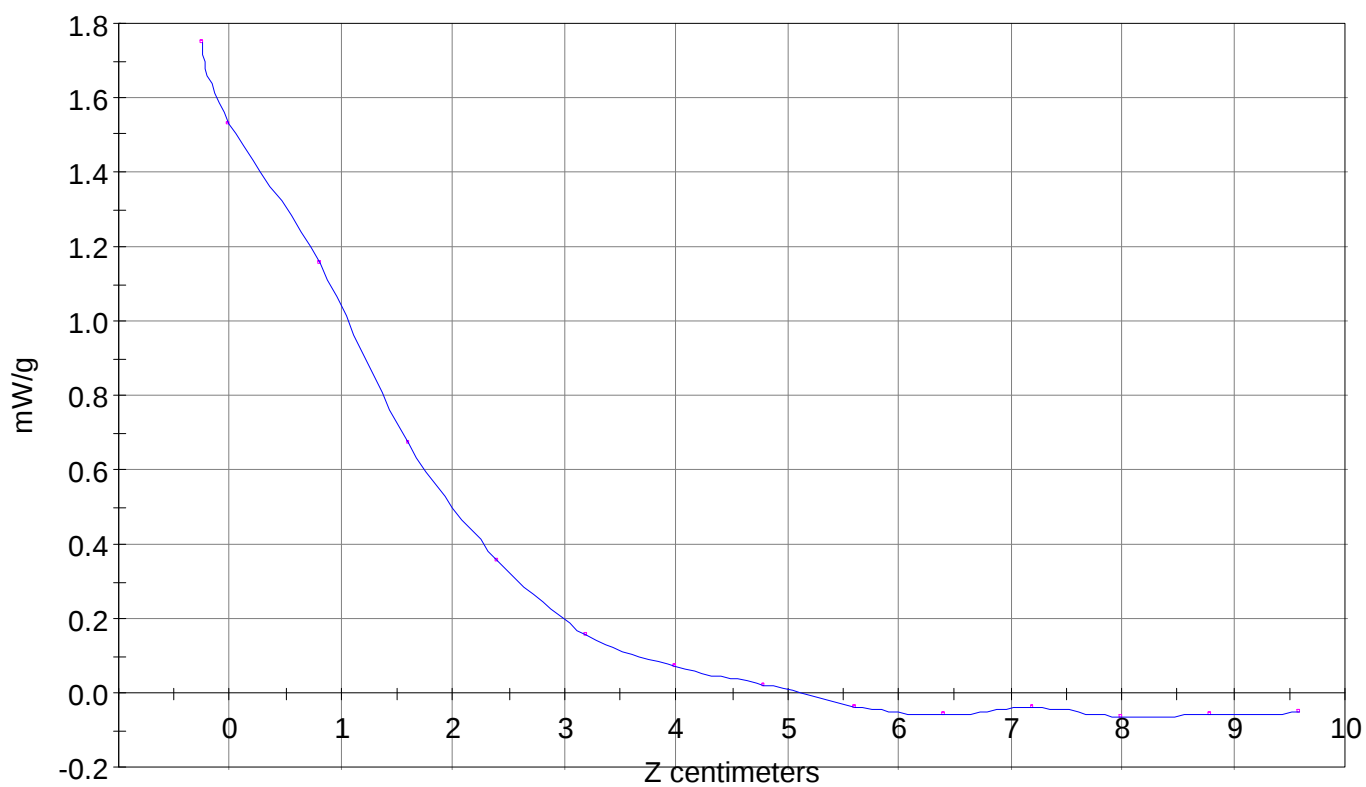
Calc. Voltage @ Surface (Vs) = 0.0239

Voltage @ 1.00 cm (Vt) = 0.0161

Ave. Voltage (Vs+Vt)/2 = 0.0200

Ave. SAR over 1 g (mW/g) = 1.4630

SAR Scan
File : 98082109_ZOOM
Start : 21-Aug-98 11:22:37 am End : 21-Aug-98 11:34:50 am
SAMSUNG/A3LSCH411/00013;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98082106_ZOOM.VLT
Start : 21-Aug-98 10:32:05 am End : 21-Aug-98 10:44:18 am

Radio Type : SAMSUNG
Model Number : A3LSCH411
Serial Number : 00013
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
CHAN 383
DUAL MODE PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 3.750, Y = 0.000, Z = 0.000 (cm) Value = 19.698

Measured Values (volts) =

1.980E-002	1.492E-002	9.433E-003	5.391E-003	2.546E-003	4.161E-004
-9.364E-005	-5.058E-004	-8.297E-004	-8.640E-004	-6.428E-004	-2.748E-004
-9.451E-004					

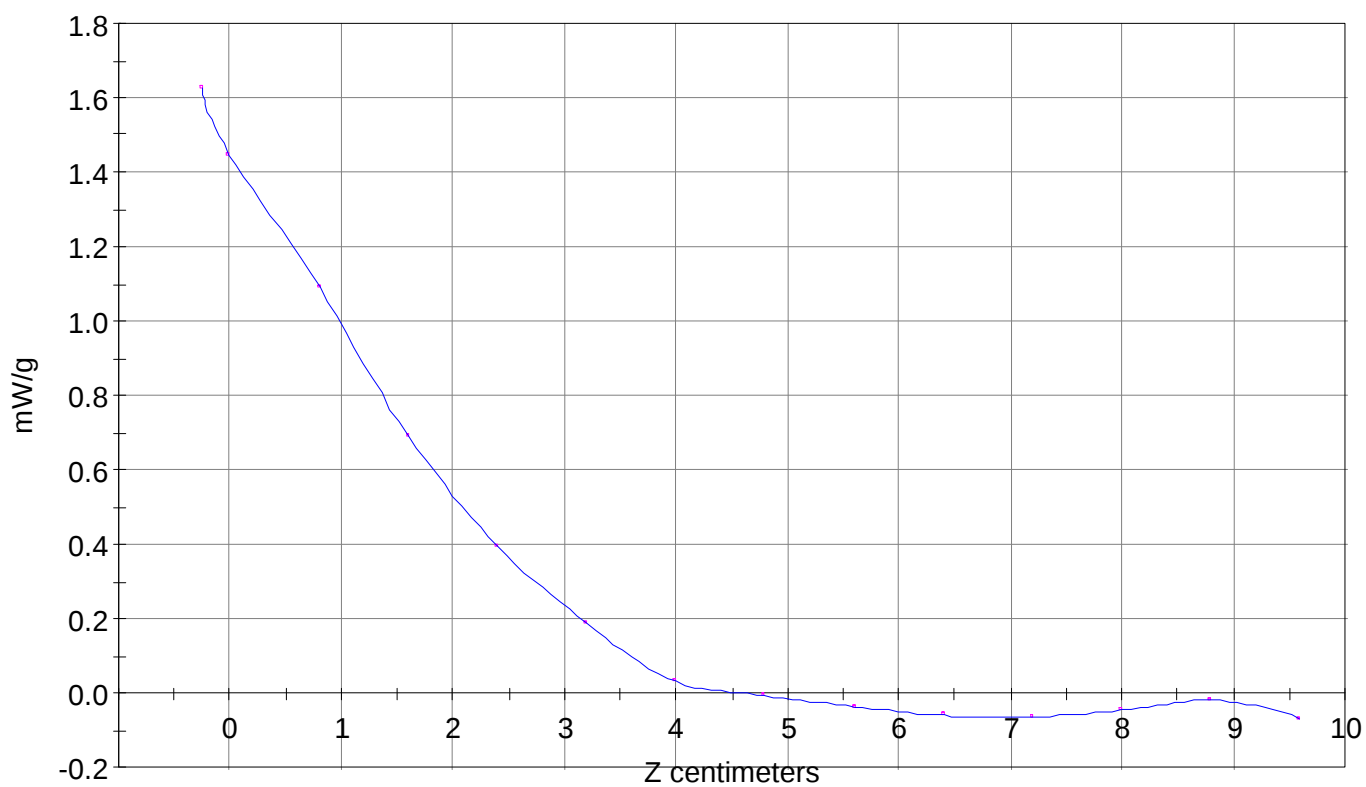
Calc. Voltage @ Surface (Vs) = 0.0223

Voltage @ 1.00 cm (Vt) = 0.0152

Ave. Voltage (Vs+Vt)/2 = 0.0187

Ave. SAR over 1 g (mW/g) = 1.3705

SAR Scan
File : 98082106_ZOOM
Start : 21-Aug-98 10:32:05 am End : 21-Aug-98 10:44:18 am
SAMSUNG/A3LSCH411/00013;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98082110_ZOOM.VLT
Start : 21-Aug-98 11:35:49 am End : 21-Aug-98 11:54:23 am

Radio Type : SAMSUNG
Model Number : A3LSCH411
Serial Number : 00013
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
CHAN 799
DUAL MODE PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 3.750, Y = 0.250, Z = 0.000 (cm) Value = 20.323

Measured Values (volts) =

1.980E-002	1.542E-002	9.696E-003	5.902E-003	2.469E-003	5.306E-004
3.284E-004	-6.141E-005	-8.228E-004	-8.959E-004	-8.016E-004	-7.252E-004
-1.121E-003					

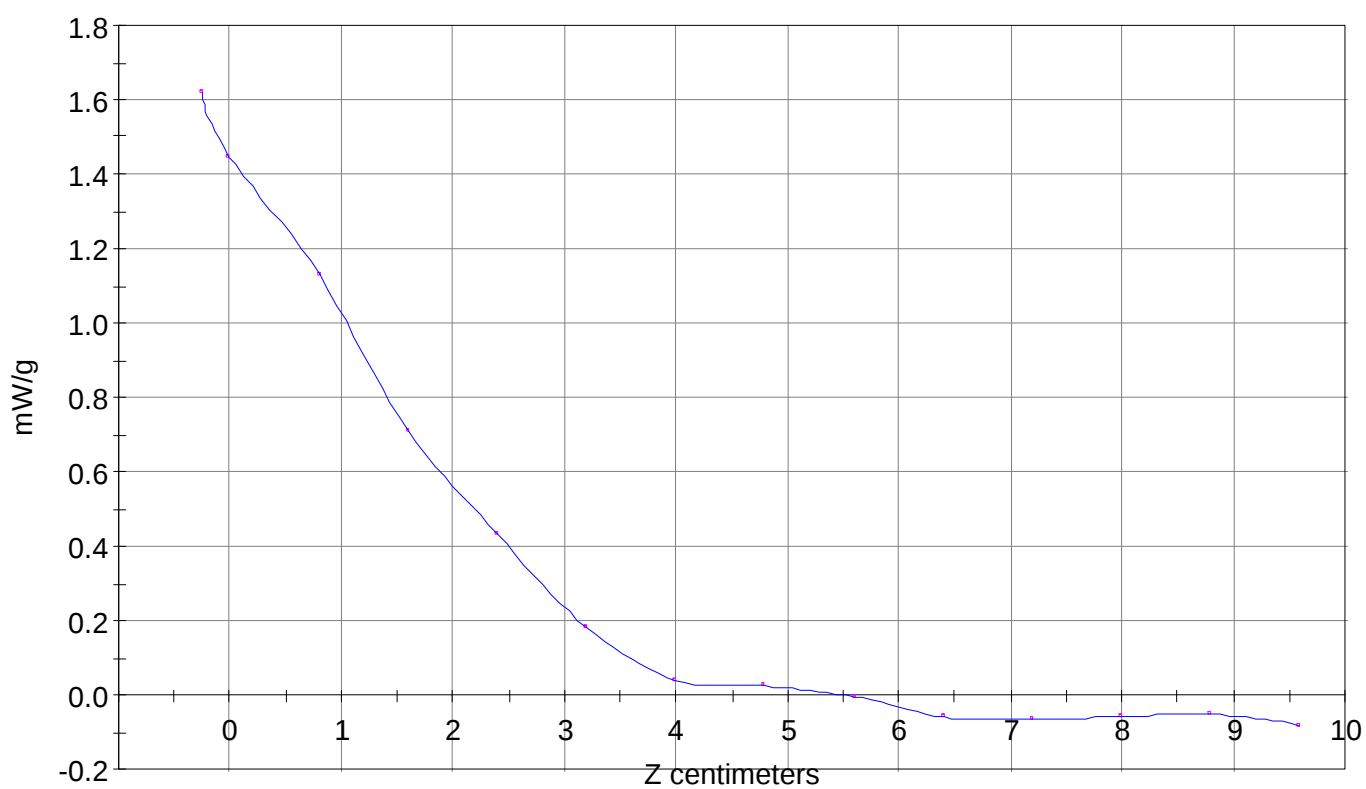
Calc. Voltage @ Surface (Vs) = 0.0222

Voltage @ 1.00 cm (Vt) = 0.0157

Ave. Voltage (Vs+Vt)/2 = 0.0189

Ave. SAR over 1 g (mW/g) = 1.3851

SAR Scan
File : 98082110_ZOOM
Start : 21-Aug-98 11:35:49 am End : 21-Aug-98 11:54:23 am
SAMSUNG/A3LSCH411/00013;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98082111_ZOOM.VLT
Start : 21-Aug-98 11:57:18 am End : 21-Aug-98 12:09:42 pm

Radio Type : SAMSUNG
Model Number : A3LSCH411
Serial Number : 00013
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
CHAN 799
DUAL MODE PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 4.000, Y = -0.250, Z = 0.000 (cm) Value = 17.492

Measured Values (volts) =

1.841E-002	1.500E-002	9.086E-003	4.561E-003	2.101E-003	6.576E-004
1.376E-004	-5.045E-004	-8.956E-004	-5.694E-004	-7.515E-004	-7.070E-004
-1.213E-003					

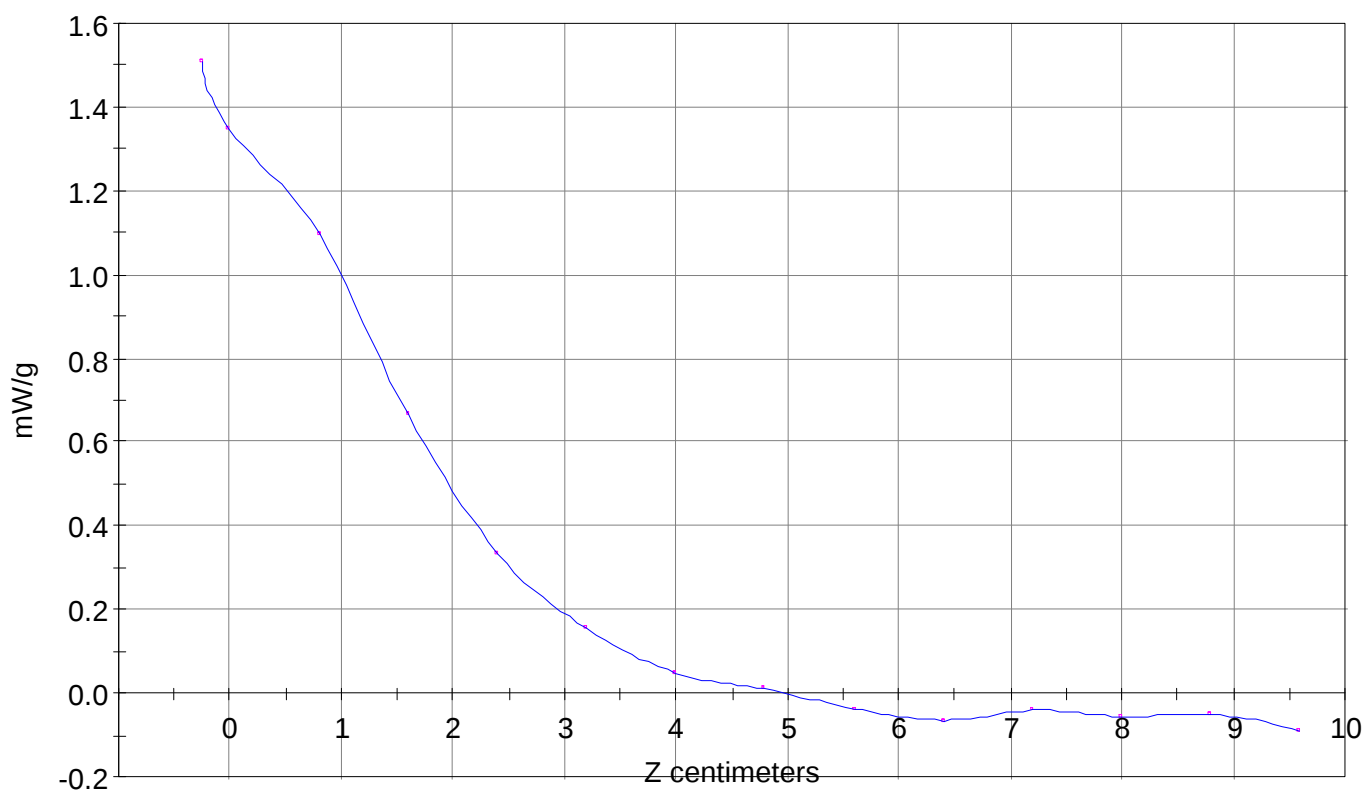
Calc. Voltage @ Surface (Vs) = 0.0206

Voltage @ 1.00 cm (Vt) = 0.0152

Ave. Voltage (Vs+Vt)/2 = 0.0179

Ave. SAR over 1 g (mW/g) = 1.3105

SAR Scan
File : 98082111_ZOOM
Start : 21-Aug-98 11:57:18 am End : 21-Aug-98 12:09:42 pm
SAMSUNG/A3LSCH411/00013;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98082816_ZOOM.VLT
Start : 28-Aug-98 05:22:31 pm End : 28-Aug-98 05:32:51 pm

Radio Type : Samsung
Model Number : A3LSCH411
Serial Number : 00013
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
CHAN 383 CDMA MODE
DUAL MODE PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 4.750, Y = -1.750, Z = 0.000 (cm) Value = 13.426

Measured Values (volts) =

1.308E-002	9.848E-003	6.148E-003	3.038E-003	1.921E-003	3.810E-004
9.731E-005	-7.405E-004	-3.737E-004	-5.621E-004	-1.232E-003	-9.245E-004
-8.990E-004					

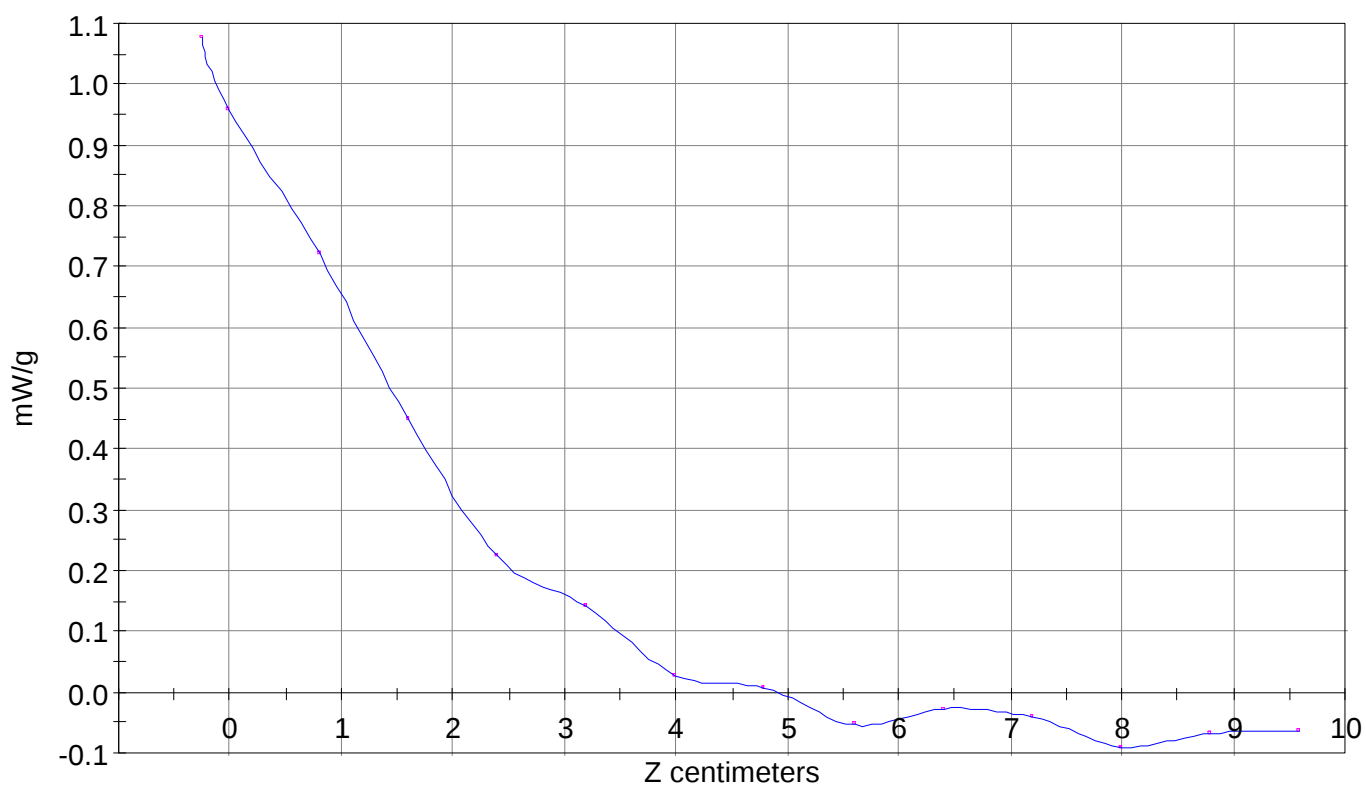
Calc. Voltage @ Surface (Vs) = 0.0147

Voltage @ 1.00 cm (Vt) = 0.0100

Ave. Voltage (Vs+Vt)/2 = 0.0124

Ave. SAR over 1 g (mW/g) = 0.9067

SAR Scan
File : 98082816_ZOOM
Start : 28-Aug-98 05:22:31 pm End : 28-Aug-98 05:32:51 pm
Samsung/A3LSCH411/00013;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98082817_ZOOM.VLT
Start : 28-Aug-98 05:33:58 pm End : 28-Aug-98 05:44:17 pm

Radio Type : Samsung
Model Number : A3LSCH411
Serial Number : 00013
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
CHAN 383 CDMA MODE
DUAL MODE PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 5.000, Y = -1.750, Z = 0.000 (cm) Value = 15.054

Measured Values (volts) =

1.543E-002	1.187E-002	7.509E-003	3.336E-003	1.539E-003	1.826E-004
-2.746E-004	-3.074E-004	-4.205E-004	-6.564E-004	-1.004E-003	-9.957E-004
-4.374E-004					

Calc. Voltage @ Surface (Vs) = 0.0173

Voltage @ 1.00 cm (Vt) = 0.0121

Ave. Voltage (Vs+Vt)/2 = 0.0147

Ave. SAR over 1 g (mW/g) = 1.0747

SAR Scan
File : 98082817_ZOOM
Start : 28-Aug-98 05:33:58 pm End : 28-Aug-98 05:44:17 pm
Samsung/A3LSCH411/00013;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

