

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99021615_ZOOM.VLT
Start : 16-Feb-99 05:18:06 pm End : 16-Feb-99 05:27:26 pm

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SAMSUNG DUAL MODE PHONE
CHANNEL 991 FM MODE
PCTEST

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

Max Location : X = 1.000, Y = -2.000, Z = 0.000 (cm) Value = 21.291

Measured Values (volts) =
2.050E-002 1.745E-002 1.417E-002 1.211E-002 1.058E-002 9.450E-003
8.609E-003 7.981E-003 7.423E-003 6.815E-003 6.136E-003 5.298E-003
4.458E-003 3.579E-003 2.666E-003 1.979E-003 1.457E-003 1.190E-003
1.167E-003 1.337E-003 1.670E-003

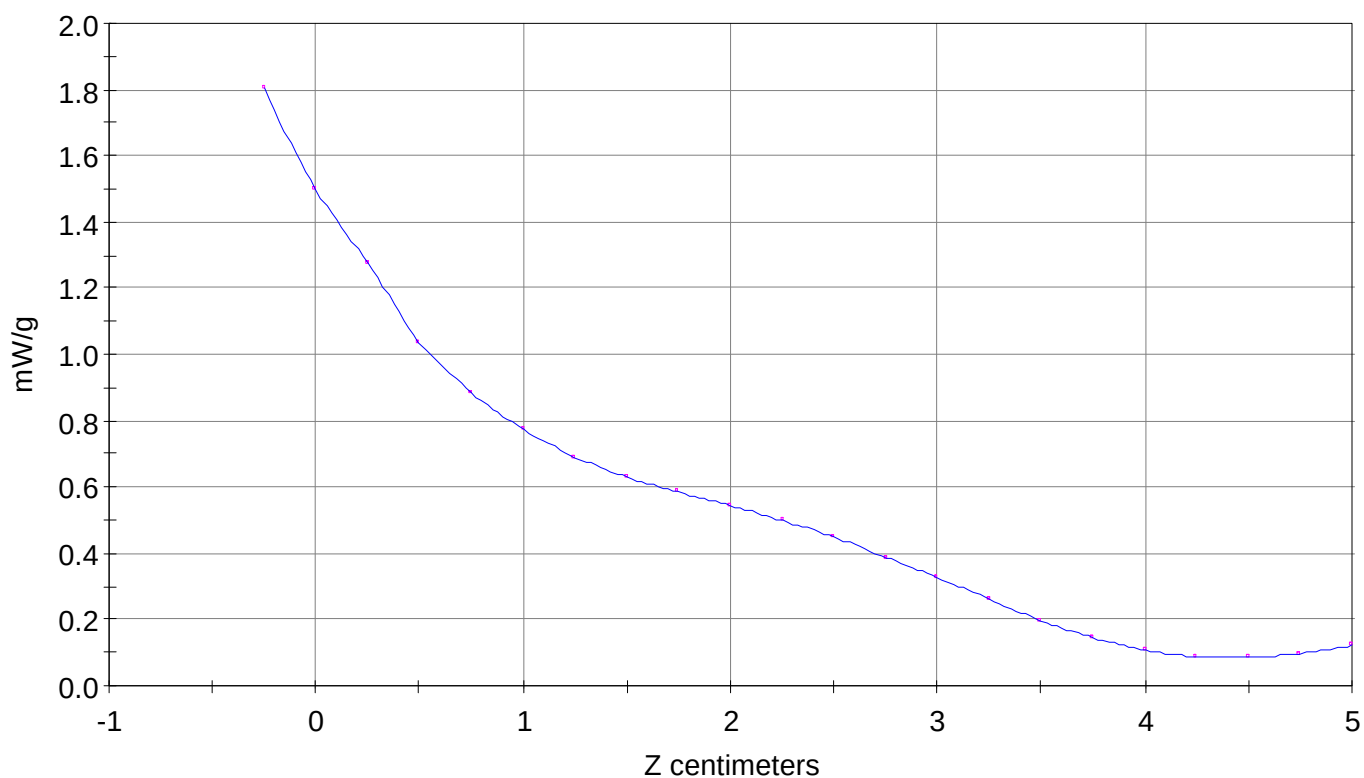
Calc. Voltage @ Surface (Vs) = 0.0247

Voltage @ 1.00 cm (Vt) = 0.0121

Ave. Voltage (Vs+Vt)/2 = 0.0184

Ave. SAR over 1 g (mW/g) = 1.3447

SAR Scan
File : 99021615_ZOOM
Start : 16-Feb-99 05:18:06 pm End : 16-Feb-99 05:27:26 pm
SAMSUNG/A3LSCH811/001;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

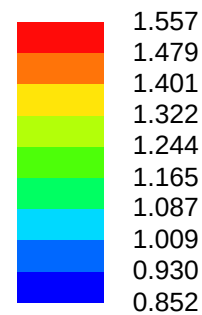
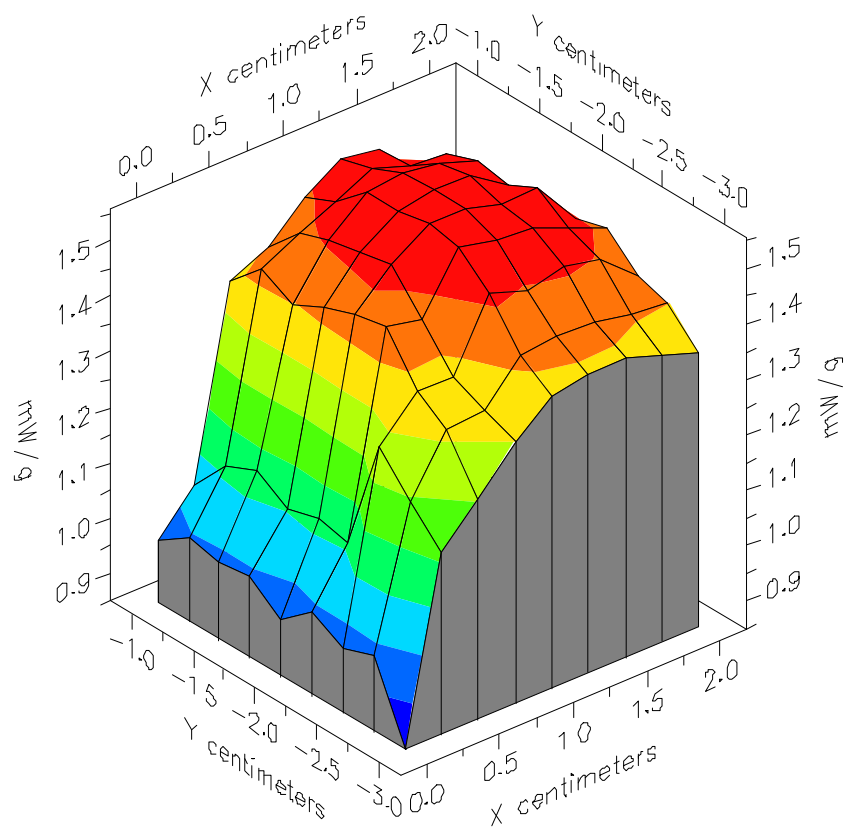


File : 99021615_ZOOM

Start : 16-Feb-99 05:18:06 pm End : 16-Feb-99 05:27:26 pm

SAMSUNG/A3LSCH811/001;824.04MHz;W;Helical/In;

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

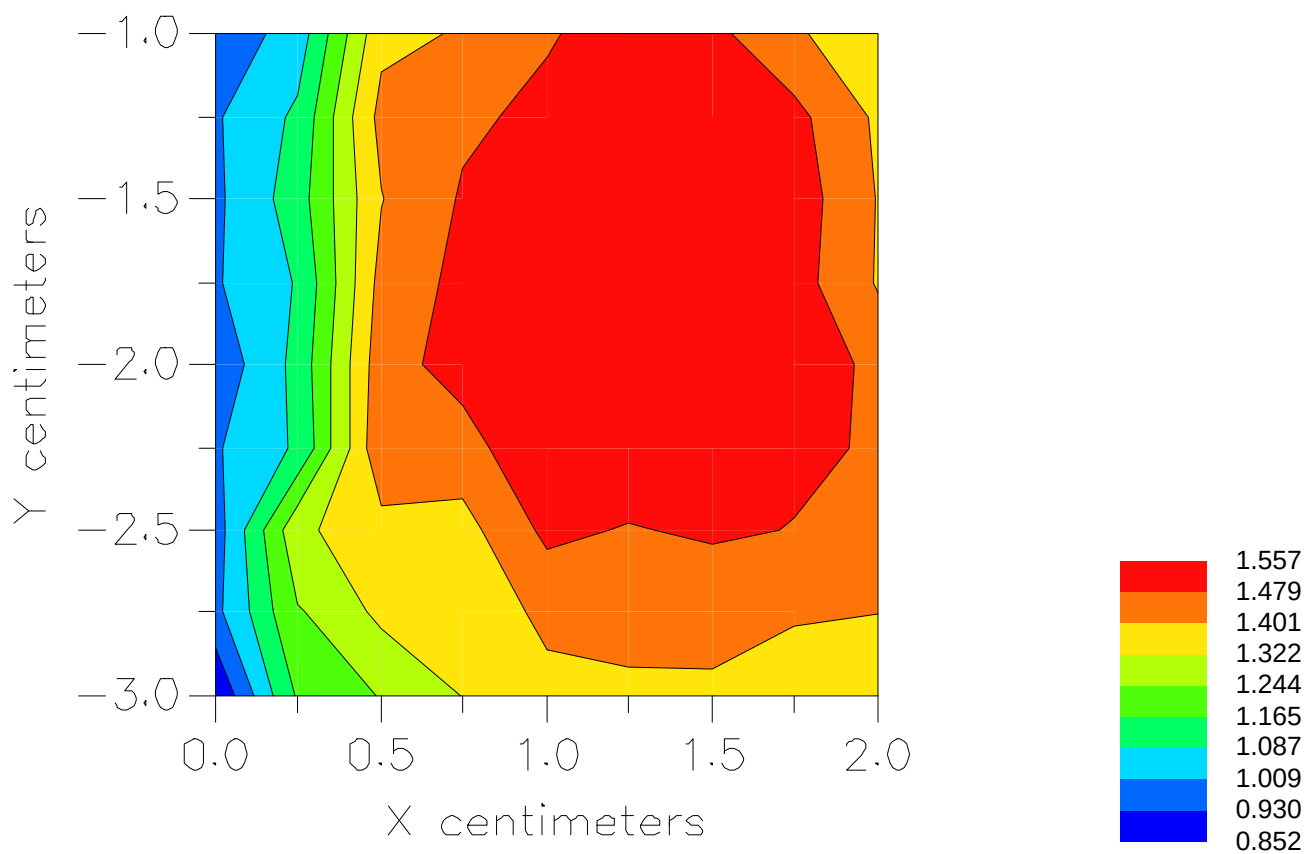


File : 99021615_ZOOM

Start : 16-Feb-99 05:18:06 pm End : 16-Feb-99 05:27:26 pm

SAMSUNG/A3LSCH811/001;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/99021609_ZOOM.VLT
Start : 16-Feb-99 03:34:27 pm End : 16-Feb-99 03:43:15 pm

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SAMSUNG DUAL MODE PHONE
CHANNEL 991 FM MODE
PCTEST

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

Max Location : X = 1.500, Y = -1.500, Z = 0.000 (cm) Value = 11.188

Measured Values (volts) =
1.092E-002 8.484E-003 7.040E-003 6.065E-003 5.369E-003 4.838E-003
4.433E-003 4.087E-003 3.722E-003 3.395E-003 2.978E-003 2.586E-003
2.197E-003 1.713E-003 1.355E-003 9.783E-004 7.530E-004 6.185E-004
6.018E-004 6.386E-004 7.708E-004

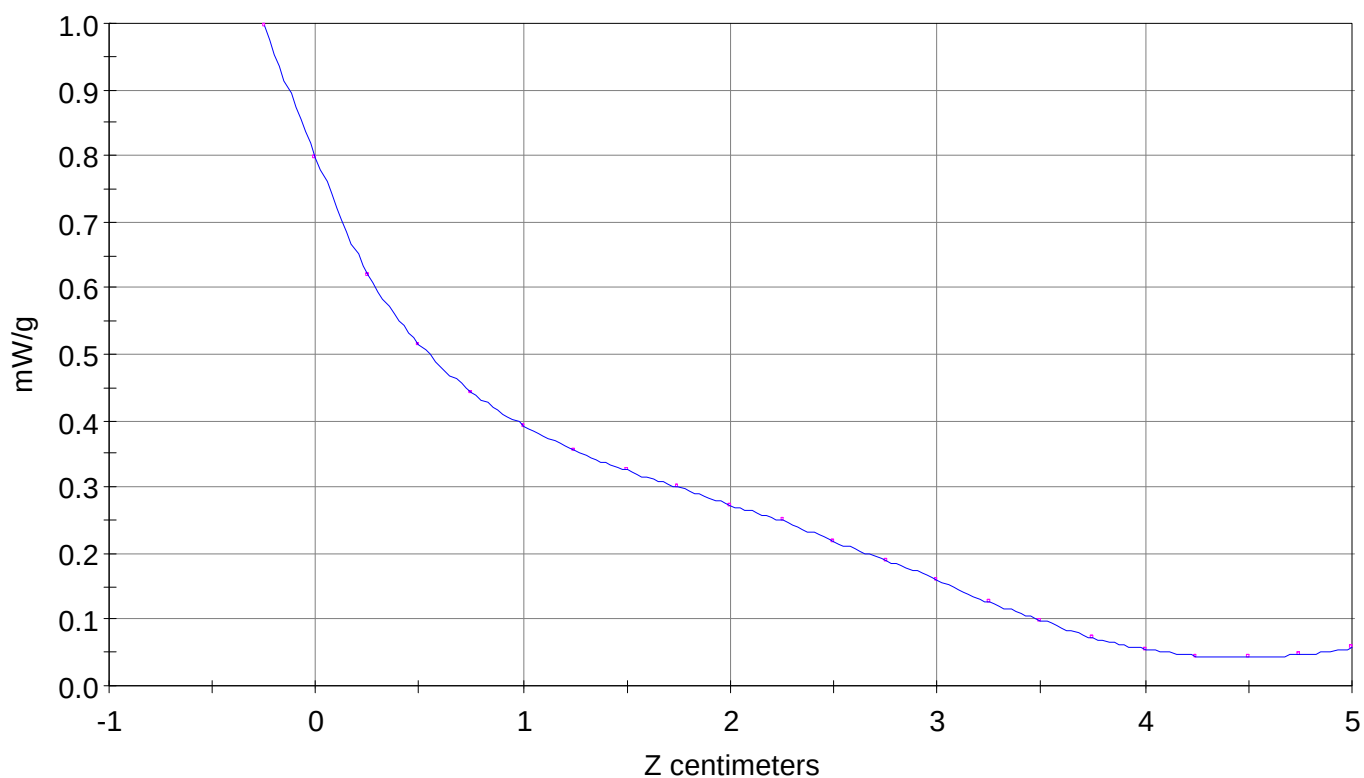
Calc. Voltage @ Surface (Vs) = 0.0136

Voltage @ 1.00 cm (Vt) = 0.0061

Ave. Voltage (Vs+Vt)/2 = 0.0098

Ave. SAR over 1 g (mW/g) = 0.7192

SAR Scan
File : 99021609_ZOOM
Start : 16-Feb-99 03:34:27 pm End : 16-Feb-99 03:43:15 pm
SAMSUNG/A3LSCH811/001;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/99021610_ZOOM.VLT
Start : 16-Feb-99 03:50:18 pm End : 16-Feb-99 03:59:05 pm

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SAMSUNG DUAL MODE PHONE
CHANNEL 383 FM MODE
PCTEST

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

Max Location : X = 1.500, Y = -1.750, Z = 0.000 (cm) Value = 15.004

Measured Values (volts) =
1.493E-002 1.170E-002 9.712E-003 8.499E-003 7.415E-003 6.629E-003
6.053E-003 5.583E-003 5.113E-003 4.676E-003 4.152E-003 3.636E-003
3.067E-003 2.462E-003 1.852E-003 1.415E-003 1.045E-003 8.667E-004
7.860E-004 8.922E-004 1.032E-003

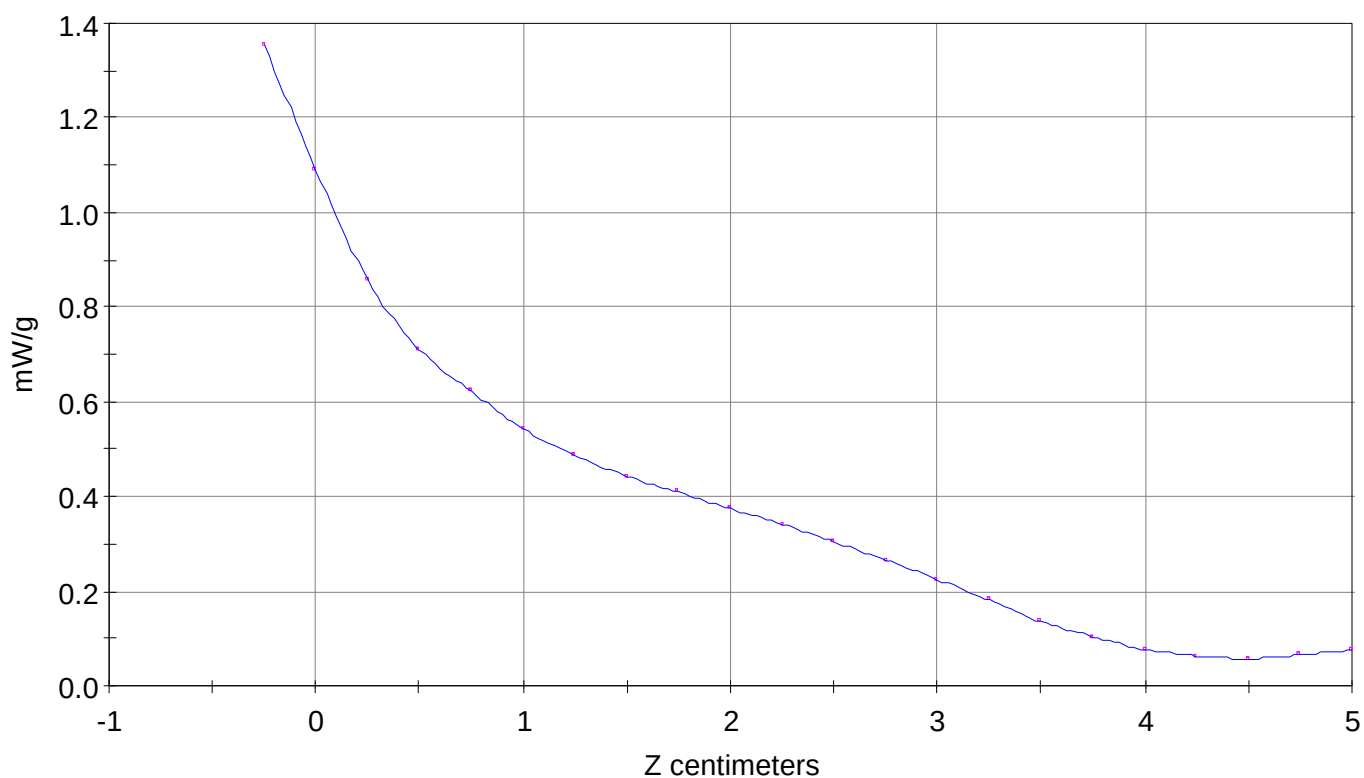
Calc. Voltage @ Surface (Vs) = 0.0185

Voltage @ 1.00 cm (Vt) = 0.0085

Ave. Voltage (Vs+Vt)/2 = 0.0135

Ave. SAR over 1 g (mW/g) = 0.9885

SAR Scan
File : 99021610_ZOOM
Start : 16-Feb-99 03:50:18 pm End : 16-Feb-99 03:59:05 pm
SAMSUNG/A3LSCH811/001;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/99021611_ZOOM.VLT
Start : 16-Feb-99 04:03:55 pm End : 16-Feb-99 04:12:43 pm

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SAMSUNG DUAL MODE PHONE
CHANNEL 383 FM MODE
PCTEST

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

Max Location : X = 1.750, Y = -2.000, Z = 0.000 (cm) Value = 11.612

Measured Values (volts) =
1.157E-002 9.012E-003 7.664E-003 6.675E-003 5.973E-003 5.395E-003
4.903E-003 4.491E-003 4.114E-003 3.719E-003 3.280E-003 2.836E-003
2.327E-003 1.874E-003 1.401E-003 1.066E-003 8.566E-004 7.268E-004
6.808E-004 7.596E-004 8.888E-004

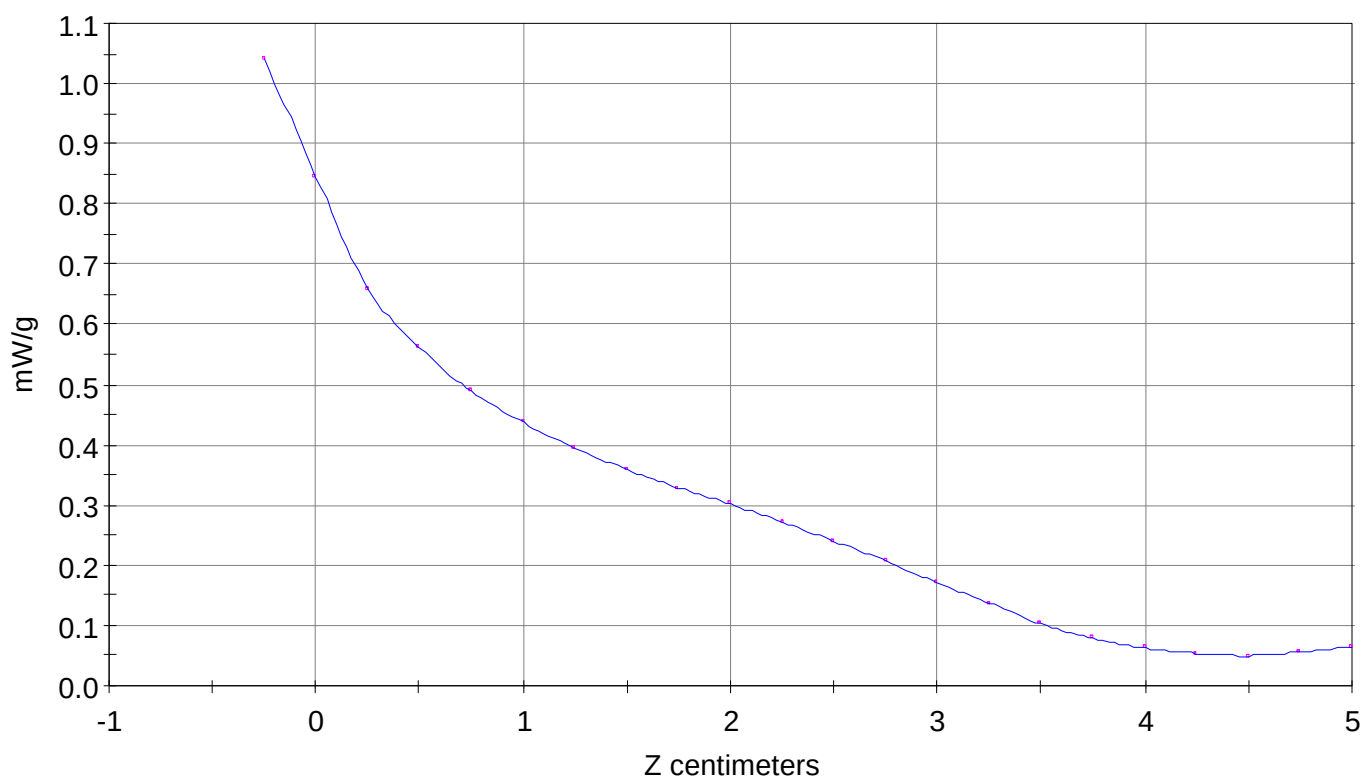
Calc. Voltage @ Surface (Vs) = 0.0142

Voltage @ 1.00 cm (Vt) = 0.0067

Ave. Voltage (Vs+Vt)/2 = 0.0105

Ave. SAR over 1 g (mW/g) = 0.7649

SAR Scan
File : 99021611_ZOOM
Start : 16-Feb-99 04:03:55 pm End : 16-Feb-99 04:12:43 pm
SAMSUNG/A3LSCH811/001;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/99021612_ZOOM.VLT
Start : 16-Feb-99 04:21:11 pm End : 16-Feb-99 04:29:58 pm

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SAMSUNG DUAL MODE PHONE
CHANNEL 799 FM MODE
PCTEST

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

Max Location : X = 1.500, Y = -1.750, Z = 0.000 (cm) Value = 12.626

Measured Values (volts) =
1.215E-002 9.632E-003 8.040E-003 7.059E-003 6.110E-003 5.397E-003
4.999E-003 4.570E-003 4.244E-003 3.930E-003 3.463E-003 3.032E-003
2.587E-003 2.082E-003 1.622E-003 1.190E-003 9.005E-004 7.396E-004
6.895E-004 7.912E-004 8.906E-004

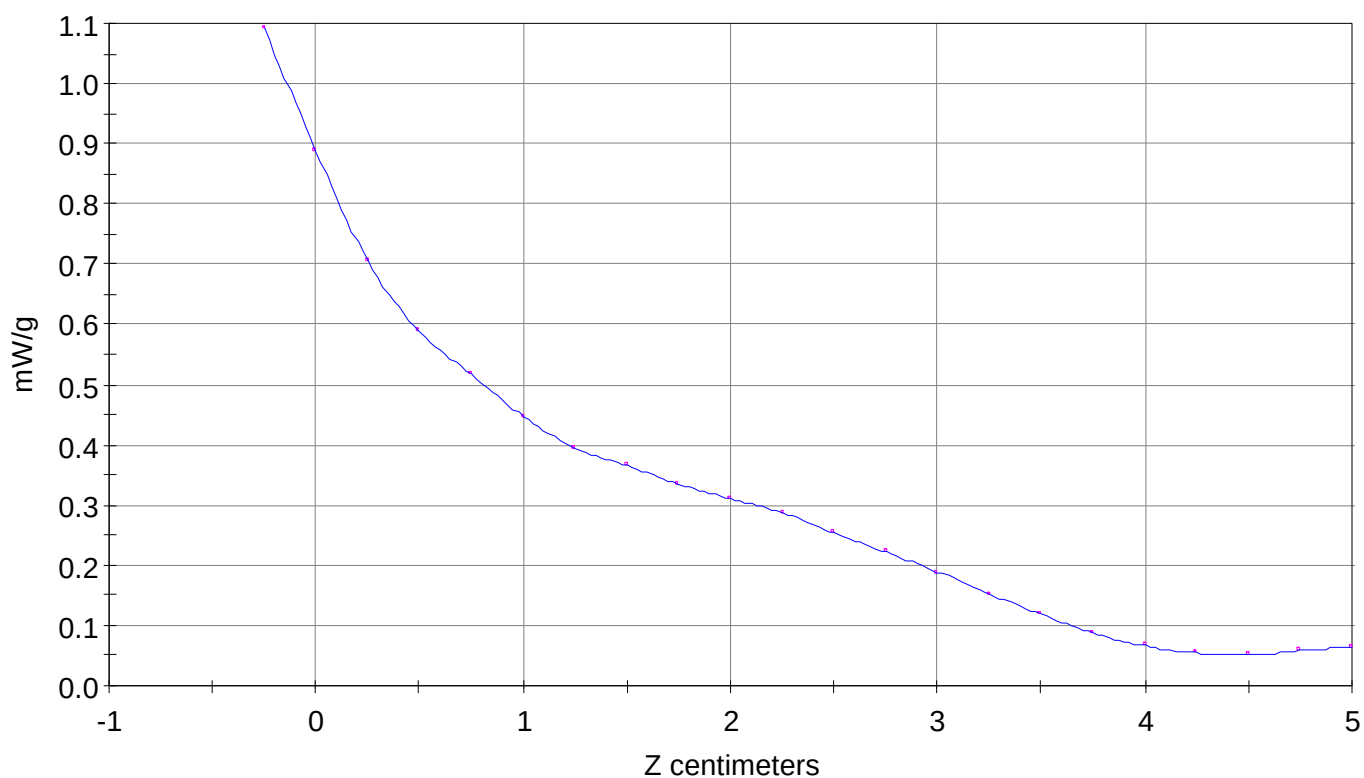
Calc. Voltage @ Surface (Vs) = 0.0149

Voltage @ 1.00 cm (Vt) = 0.0071

Ave. Voltage (Vs+Vt)/2 = 0.0110

Ave. SAR over 1 g (mW/g) = 0.8043

SAR Scan
File : 99021612_ZOOM
Start : 16-Feb-99 04:21:11 pm End : 16-Feb-99 04:29:58 pm
SAMSUNG/A3LSCH811/001;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/99021613_ZOOM.VLT
Start : 16-Feb-99 04:35:54 pm End : 16-Feb-99 04:44:41 pm

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SAMSUNG DUAL MODE PHONE
CHANNEL 799 FM MODE
PCTEST

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

Max Location : X = 1.500, Y = -1.750, Z = 0.000 (cm) Value = 14.742

Measured Values (volts) =
1.457E-002 1.140E-002 9.512E-003 8.243E-003 7.273E-003 6.467E-003
5.876E-003 5.431E-003 5.030E-003 4.593E-003 4.075E-003 3.617E-003
3.010E-003 2.436E-003 1.873E-003 1.412E-003 1.092E-003 9.071E-004
8.897E-004 9.889E-004 1.106E-003

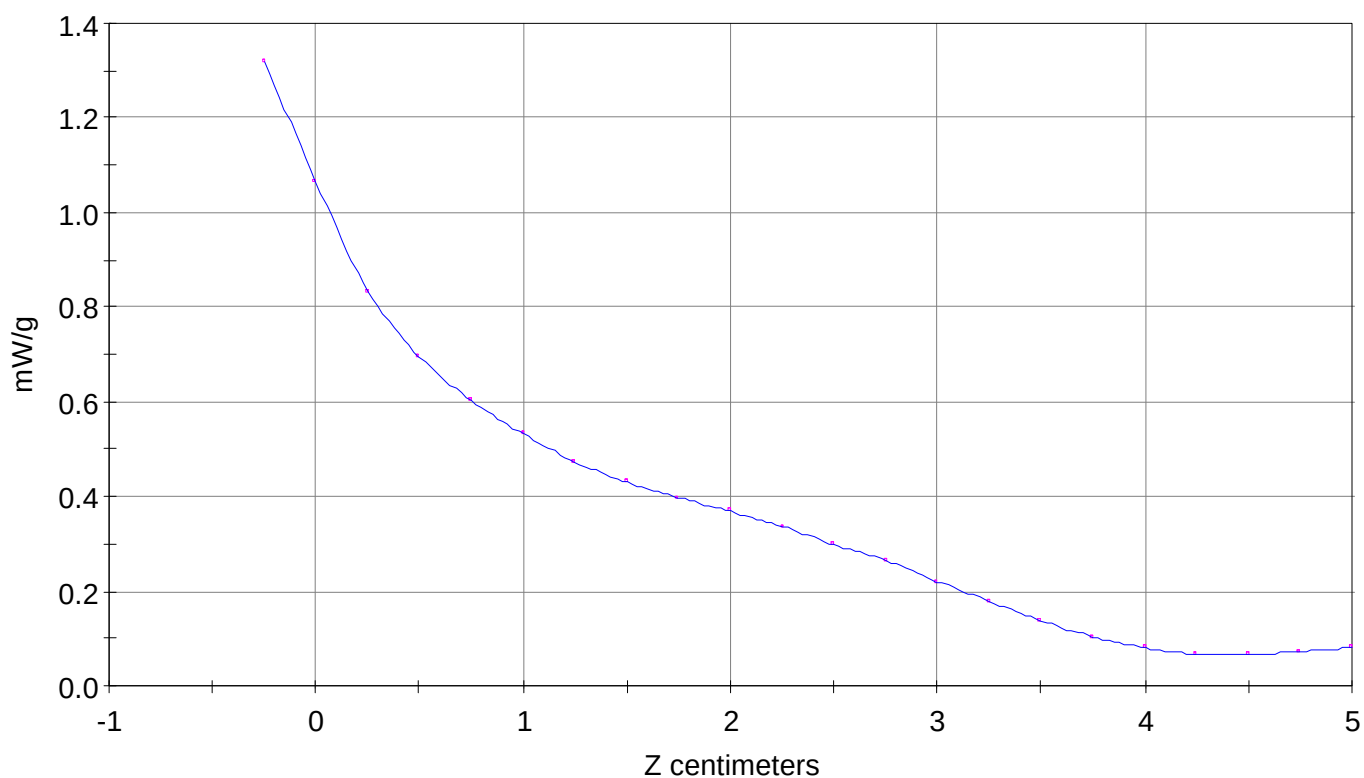
Calc. Voltage @ Surface (Vs) = 0.0180

Voltage @ 1.00 cm (Vt) = 0.0082

Ave. Voltage (Vs+Vt)/2 = 0.0131

Ave. SAR over 1 g (mW/g) = 0.9616

SAR Scan
File : 99021613_ZOOM
Start : 16-Feb-99 04:35:54 pm End : 16-Feb-99 04:44:41 pm
SAMSUNG/A3LSCH811/001;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/99021704_ZOOM.VLT
Start : 17-Feb-99 09:47:18 am End : 17-Feb-99 10:00:06 am

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 824.64 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 :
SAMSUNG DUAL MODE PHONE
CHANNEL 1011 CDMA MODE
PCTEST

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

Max Location : X = 2.000, Y = -2.250, Z = 0.000 (cm) Value = 20.978

Measured Values (volts) =
1.970E-002 1.555E-002 1.308E-002 1.147E-002 1.023E-002 9.250E-003
8.483E-003 7.948E-003 7.207E-003 6.549E-003 5.757E-003 4.945E-003
3.987E-003 3.189E-003 2.412E-003 1.881E-003 1.455E-003 1.243E-003
1.278E-003 1.418E-003 1.622E-003

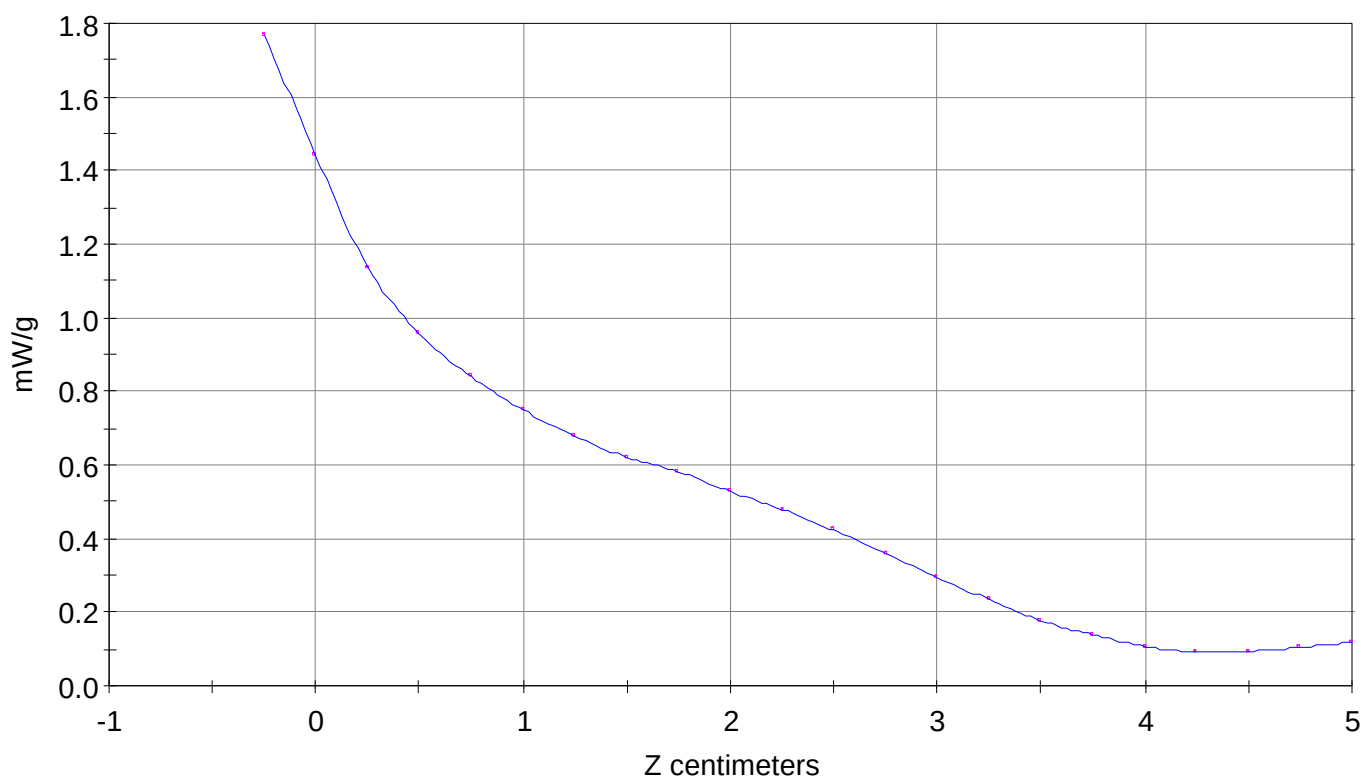
Calc. Voltage @ Surface (Vs) = 0.0242

Voltage @ 1.00 cm (Vt) = 0.0115

Ave. Voltage (Vs+Vt)/2 = 0.0178

Ave. SAR over 1 g (mW/g) = 1.3044

SAR Scan
File : 99021704_ZOOM
Start : 17-Feb-99 09:47:18 am End : 17-Feb-99 10:00:06 am
SAMSUNG/A3LSCH811/001;824.64MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99021705_ZOOM.VLT
Start : 17-Feb-99 10:05:06 am End : 17-Feb-99 10:13:50 am

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 824.64 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 :
SAMSUNG DUAL MODE PHONE
CHANNEL 1011 CDMA MODE
PCTEST

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

Max Location : X = 2.250, Y = -2.500, Z = 0.000 (cm) Value = 12.836

Measured Values (volts) =
1.256E-002 9.915E-003 8.454E-003 7.365E-003 6.659E-003 6.183E-003
5.548E-003 5.148E-003 4.627E-003 4.123E-003 3.608E-003 3.030E-003
2.453E-003 2.012E-003 1.540E-003 1.198E-003 9.715E-004 8.822E-004
9.145E-004 1.002E-003 1.101E-003

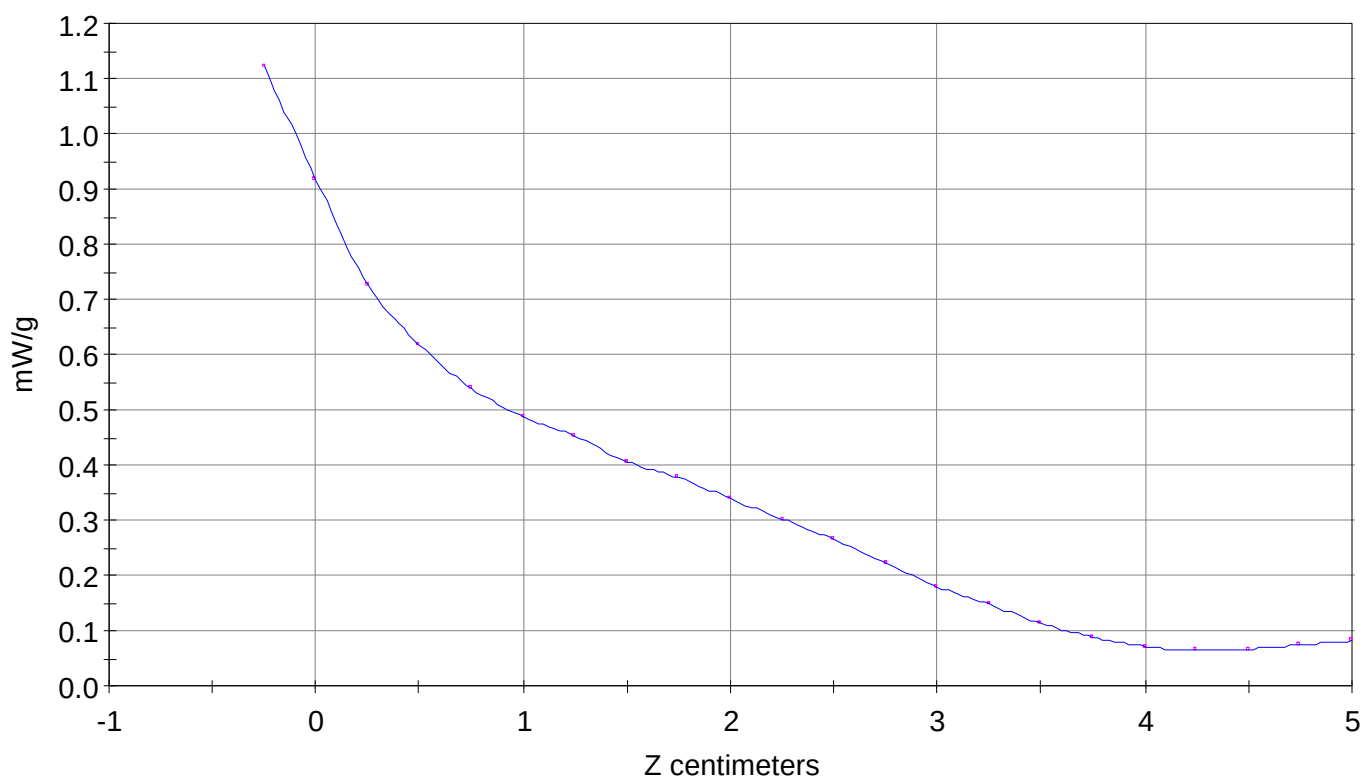
Calc. Voltage @ Surface (Vs) = 0.0153

Voltage @ 1.00 cm (Vt) = 0.0074

Ave. Voltage (Vs+Vt)/2 = 0.0113

Ave. SAR over 1 g (mW/g) = 0.8298

SAR Scan
File : 99021705_ZOOM
Start : 17-Feb-99 10:05:06 am End : 17-Feb-99 10:13:50 am
SAMSUNG/A3LSCH811/001;824.64MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99030118_SAR.VLT
Start : 1-Mar-99 11:10:21 am End : 1-Mar-99 11:17:03 am

Radio Type : SAMSUNG
Model Number : SCH-811
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR 10g
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 56.200
Mixture Conductivity = 0.950

Comment :
SAMSUNG DUAL MODE PHONE
CHANNEL 991 FM MODE
HAND SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 3.750, Y = -0.750, Z = 0.000 (cm) Value = 42.509

Ave. SAR over 10 g (mW/g) = 1.5583

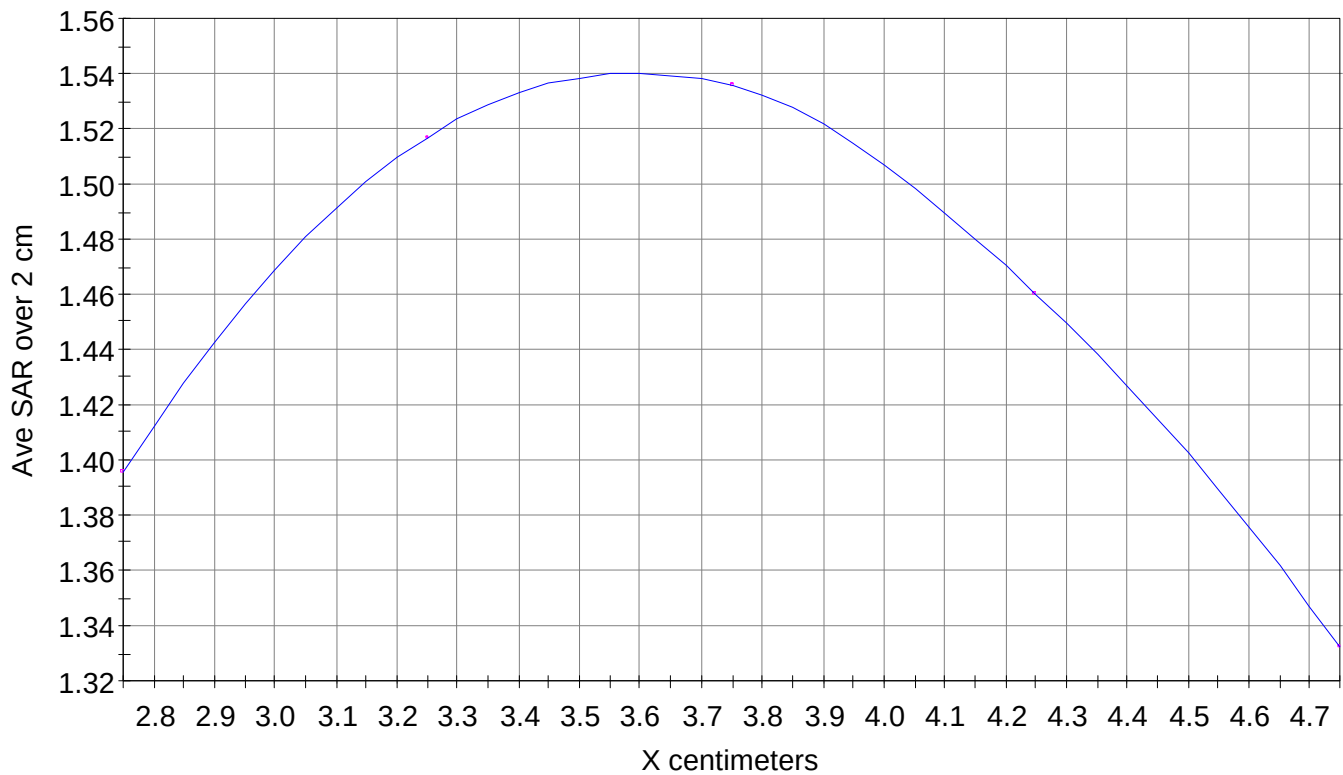
X-Z Plane Slice Y=-0.750

File : 99030118_SAR

Start : 1-Mar-99 11:10:21 am End : 1-Mar-99 11:17:03 am

SAMSUNG/A3LSCH811/001;824.04MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/56.200/0.950

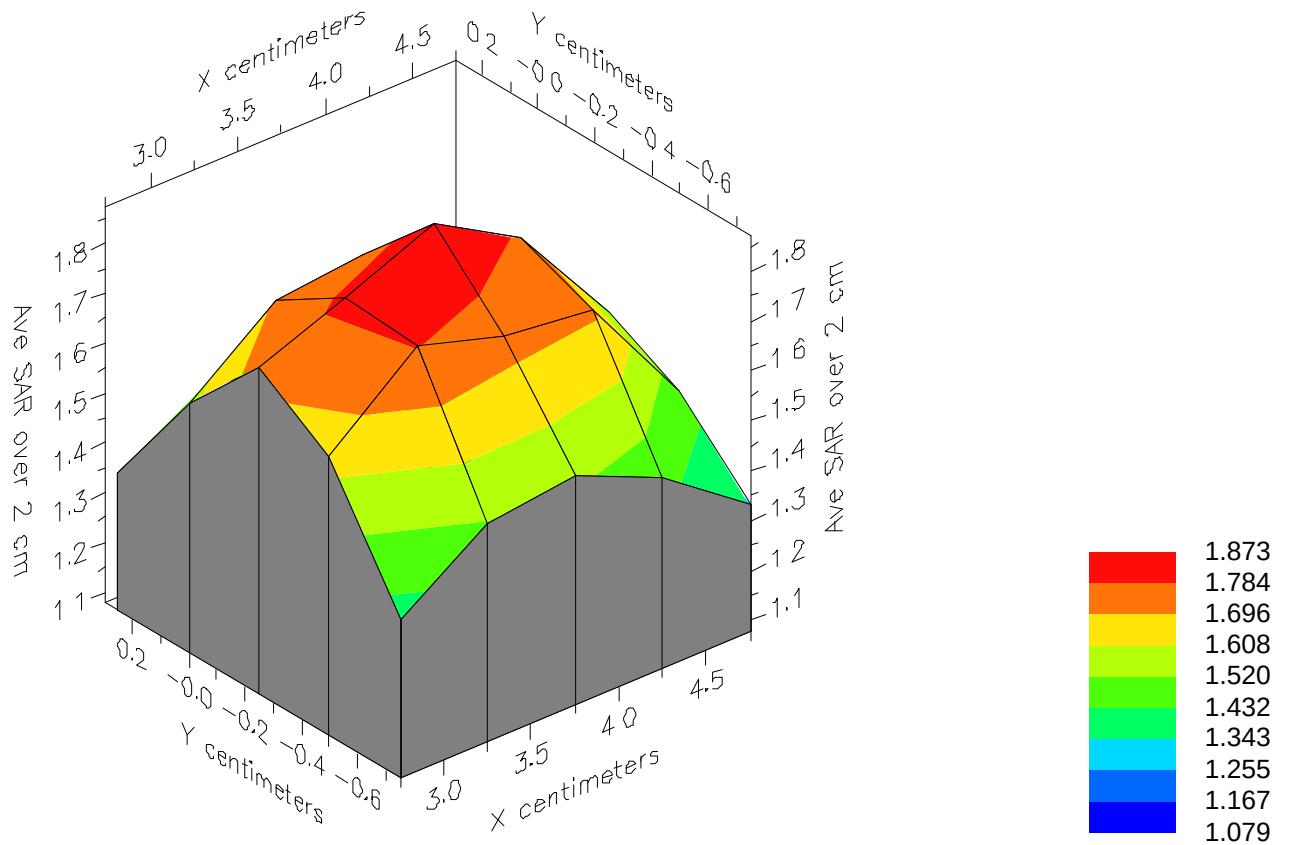


File : 99030118_SAR

Start : 1-Mar-99 11:10:21 am End : 1-Mar-99 11:17:03 am

SAMSUNG/A3LSCH811/001;824.04MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/56.200/0.950



File : 99030118_SAR

Start : 1-Mar-99 11:10:21 am End : 1-Mar-99 11:17:03 am

SAMSUNG/A3LSCH811/001;824.04MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/56.200/0.950

