

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120713_ZOOM.VLT
Start : 7-Dec-98 12:27:26 pm End : 7-Dec-98 12:34:14 pm

Radio Type : SAMSUNG
Model Number : A3LSCH4000
Serial Number : 001
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
SAMSUNG PHONE
CHAN 0025 PCS MODE
PCTEST

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.500, Y = -1.500, Z = 0.000 (cm) Value = 3.674

Measured Values (volts) =
3.646E-003 3.236E-003 2.450E-003 1.856E-003 1.524E-003 1.247E-003
1.031E-003 8.346E-004 7.292E-004 6.167E-004 5.401E-004 3.740E-004
4.345E-004 3.640E-004 5.192E-004 3.927E-004 2.391E-004 3.048E-004
2.628E-004 2.249E-004 2.567E-004

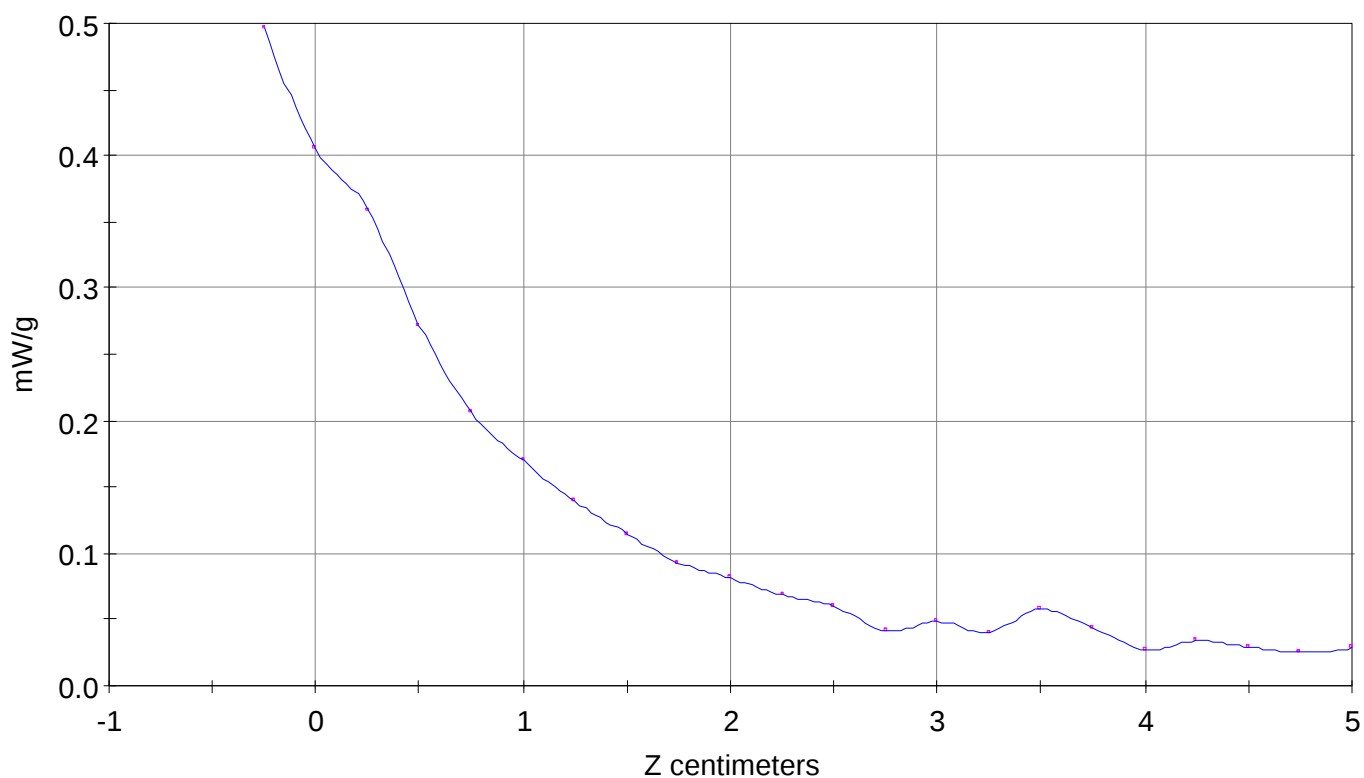
Calc. Voltage @ Surface (Vs) = 0.0045

Voltage @ 1.00 cm (Vt) = 0.0019

Ave. Voltage (Vs+Vt)/2 = 0.0032

Ave. SAR over 1 g (mW/g) = 0.3516

SAR Scan
File : 98120713_ZOOM
Start : 7-Dec-98 12:27:26 pm End : 7-Dec-98 12:34:14 pm
SAMSUNG/A3LSCH4000/001;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120714_ZOOM.VLT
Start : 7-Dec-98 12:42:10 pm End : 7-Dec-98 12:53:35 pm

Radio Type : SAMSUNG
Model Number : A3LSCH4000
Serial Number : 001
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
SAMSUNG PHONE
CHAN 0025 PCS MODE
PCTEST

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 1.750, Y = -1.000, Z = 0.000 (cm) Value = 3.398

Measured Values (volts) =
3.424E-003 3.022E-003 2.383E-003 1.857E-003 1.508E-003 1.233E-003
1.053E-003 8.587E-004 7.254E-004 5.965E-004 5.520E-004 5.224E-004
4.502E-004 4.344E-004 3.951E-004 3.531E-004 3.590E-004 3.474E-004
3.092E-004 3.162E-004 2.873E-004

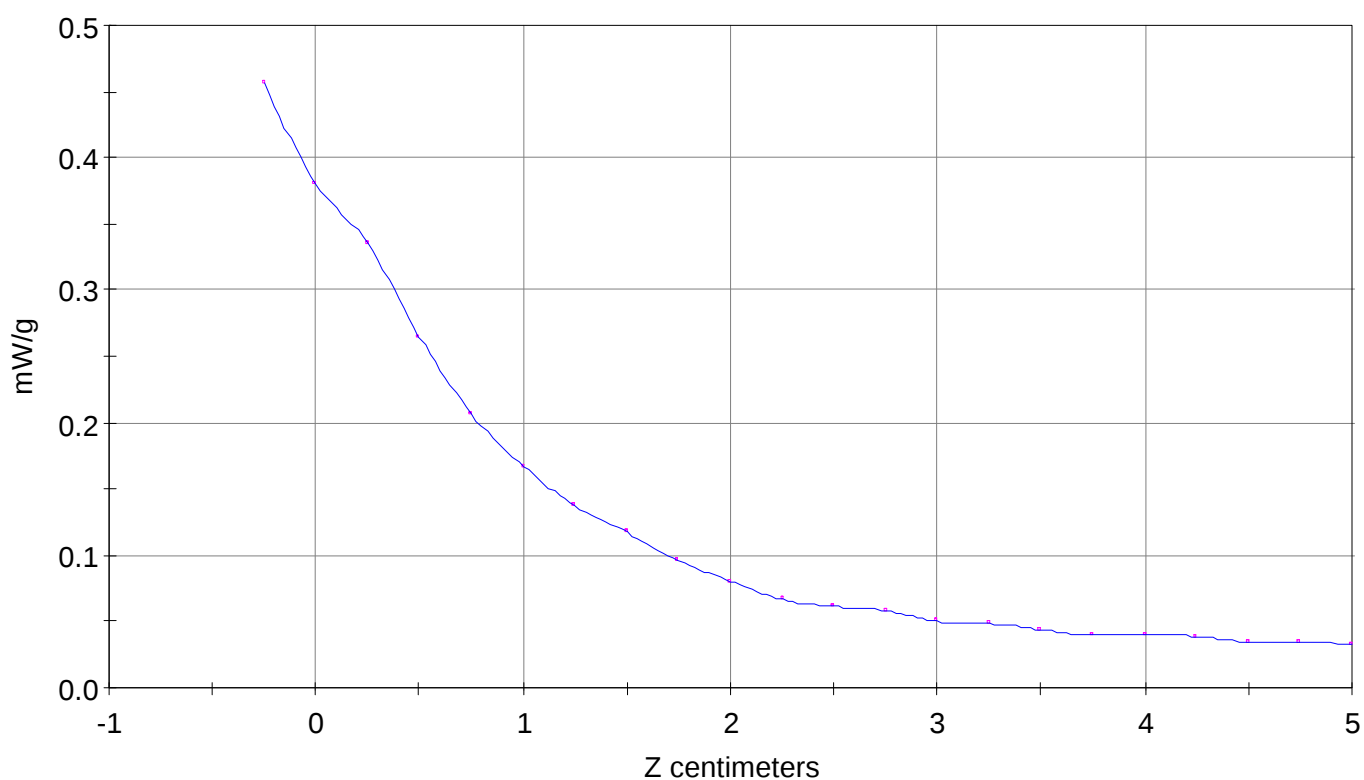
Calc. Voltage @ Surface (Vs) = 0.0041

Voltage @ 1.00 cm (Vt) = 0.0019

Ave. Voltage (Vs+Vt)/2 = 0.0030

Ave. SAR over 1 g (mW/g) = 0.3316

SAR Scan
File : 98120714_ZOOM
Start : 7-Dec-98 12:42:10 pm End : 7-Dec-98 12:53:35 pm
SAMSUNG/A3LSCH4000/001;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120710_ZOOM.VLT
Start : 7-Dec-98 11:34:25 am End : 7-Dec-98 11:46:15 am

Radio Type : SAMSUNG
Model Number : A3LSCH4000
Serial Number : 001
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
SAMSUNG PHONE
CHAN 0600 PCS MODE
PCTEST

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.000, Y = -0.250, Z = 0.000 (cm) Value = 5.800

Measured Values (volts) =
5.674E-003 4.342E-003 3.283E-003 2.490E-003 1.998E-003 1.584E-003
1.261E-003 1.041E-003 8.611E-004 7.130E-004 5.971E-004 4.823E-004
4.192E-004 4.066E-004 3.909E-004 3.460E-004 2.447E-004 2.169E-004
2.386E-004 2.055E-004 1.941E-004

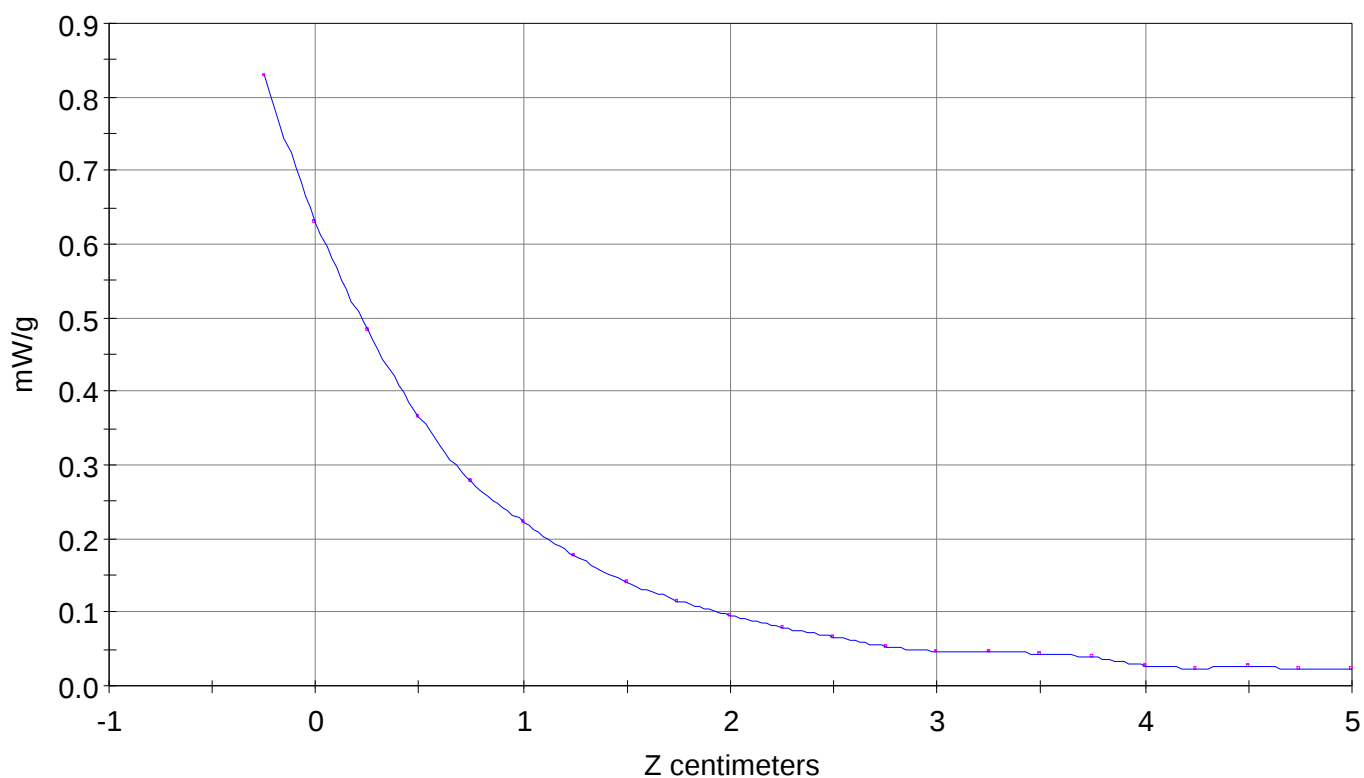
Calc. Voltage @ Surface (Vs) = 0.0075

Voltage @ 1.00 cm (Vt) = 0.0025

Ave. Voltage (Vs+Vt)/2 = 0.0050

Ave. SAR over 1 g (mW/g) = 0.5527

SAR Scan
File : 98120710_ZOOM
Start : 7-Dec-98 11:34:25 am End : 7-Dec-98 11:46:15 am
SAMSUNG/A3LSCH4000/001;1880.00MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650

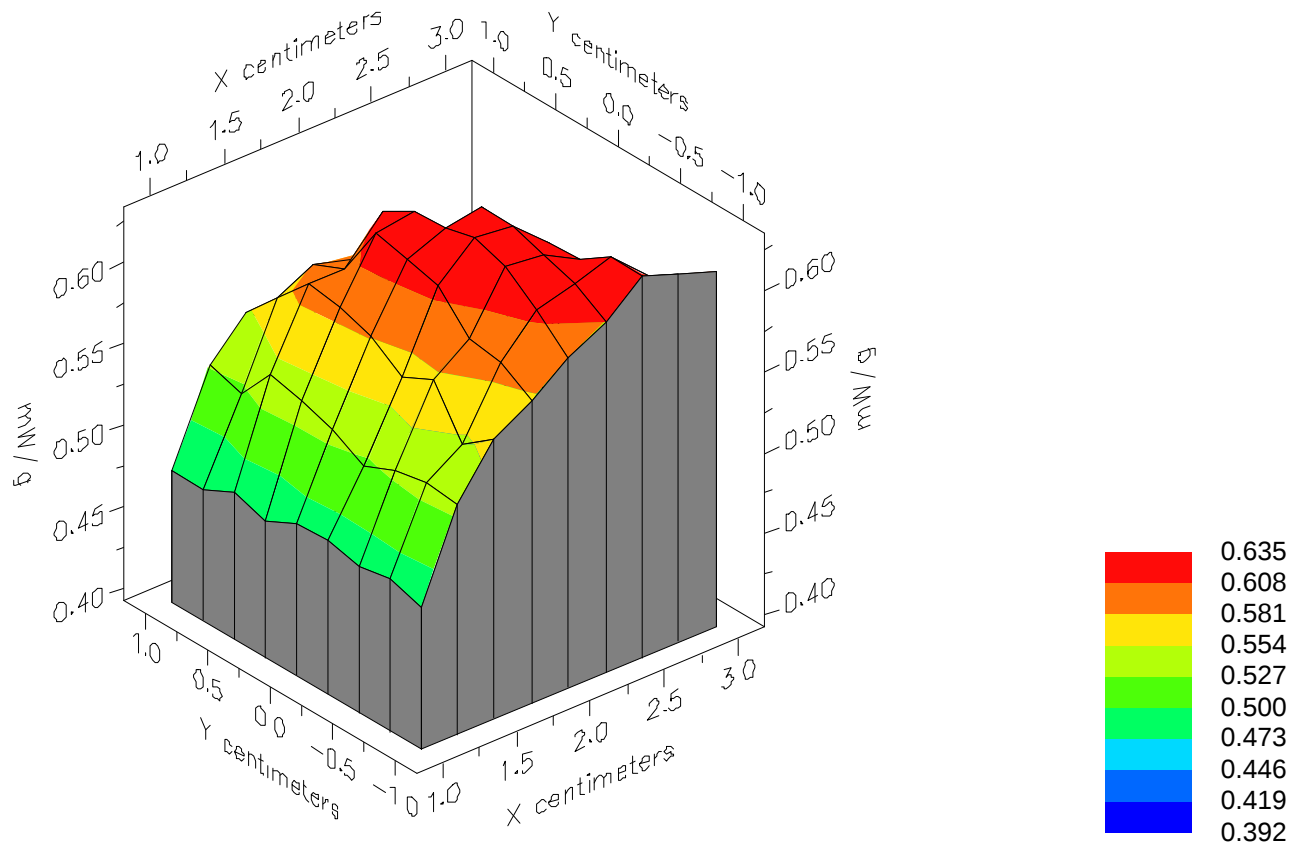


File : 98120710_ZOOM

Start : 7-Dec-98 11:34:25 am End : 7-Dec-98 11:46:15 am

SAMSUNG/A3LSCH4000/001;1880.00MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650

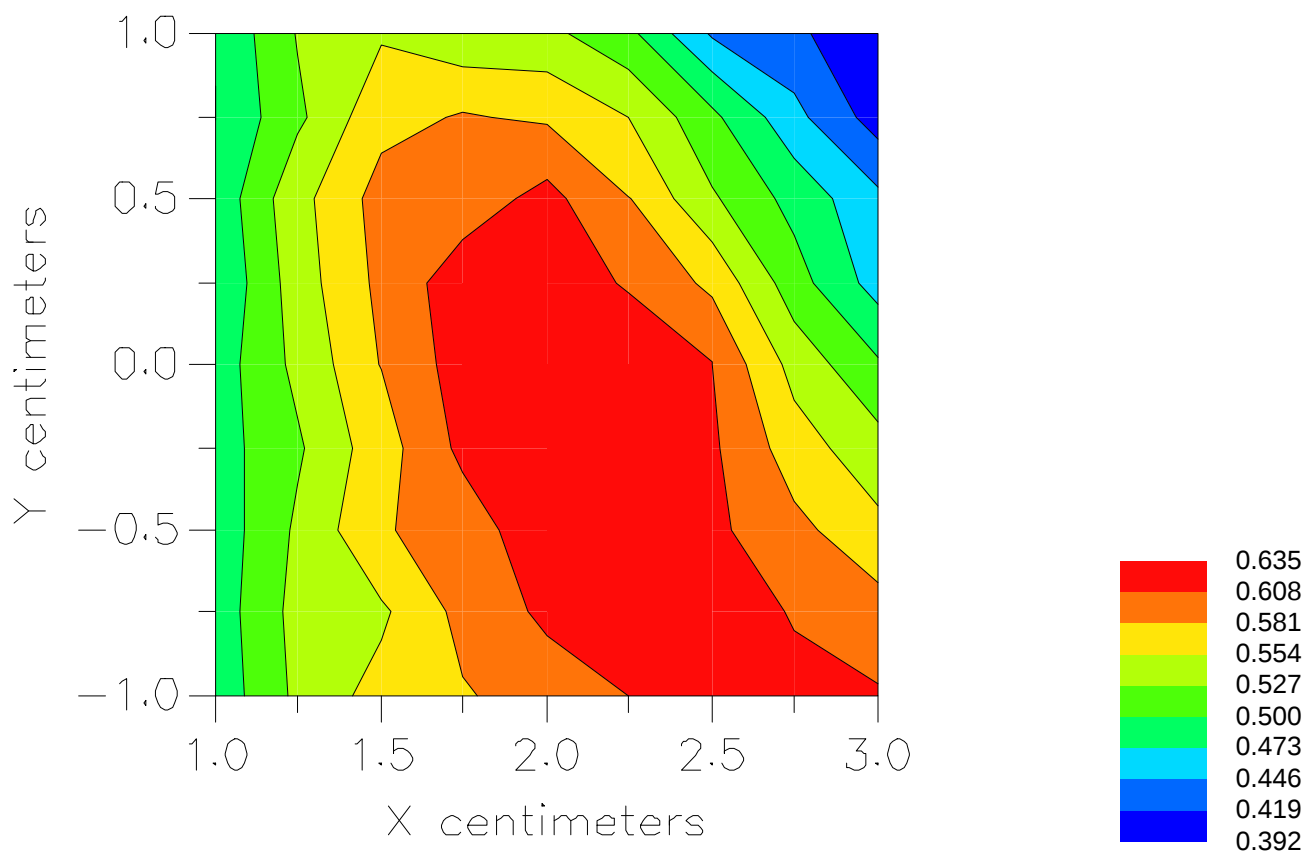


File : 98120710_ZOOM

Start : 7-Dec-98 11:34:25 am End : 7-Dec-98 11:46:15 am

SAMSUNG/A3LSCH4000/001;1880.00MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120711_ZOOM.VLT
Start : 7-Dec-98 11:54:16 am End : 7-Dec-98 12:01:04 pm

Radio Type : SAMSUNG
Model Number : A3LSCH4000
Serial Number : 001
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
SAMSUNG PHONE
CHAN 0600 PCS MODE
PCTEST

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.000, Y = -0.250, Z = 0.000 (cm) Value = 4.803

Measured Values (volts) =
4.340E-003 3.122E-003 2.327E-003 1.763E-003 1.407E-003 1.124E-003
8.795E-004 7.063E-004 6.015E-004 5.345E-004 4.596E-004 3.959E-004
3.401E-004 3.374E-004 2.965E-004 2.975E-004 3.156E-004 3.017E-004
2.414E-004 2.488E-004 2.214E-004

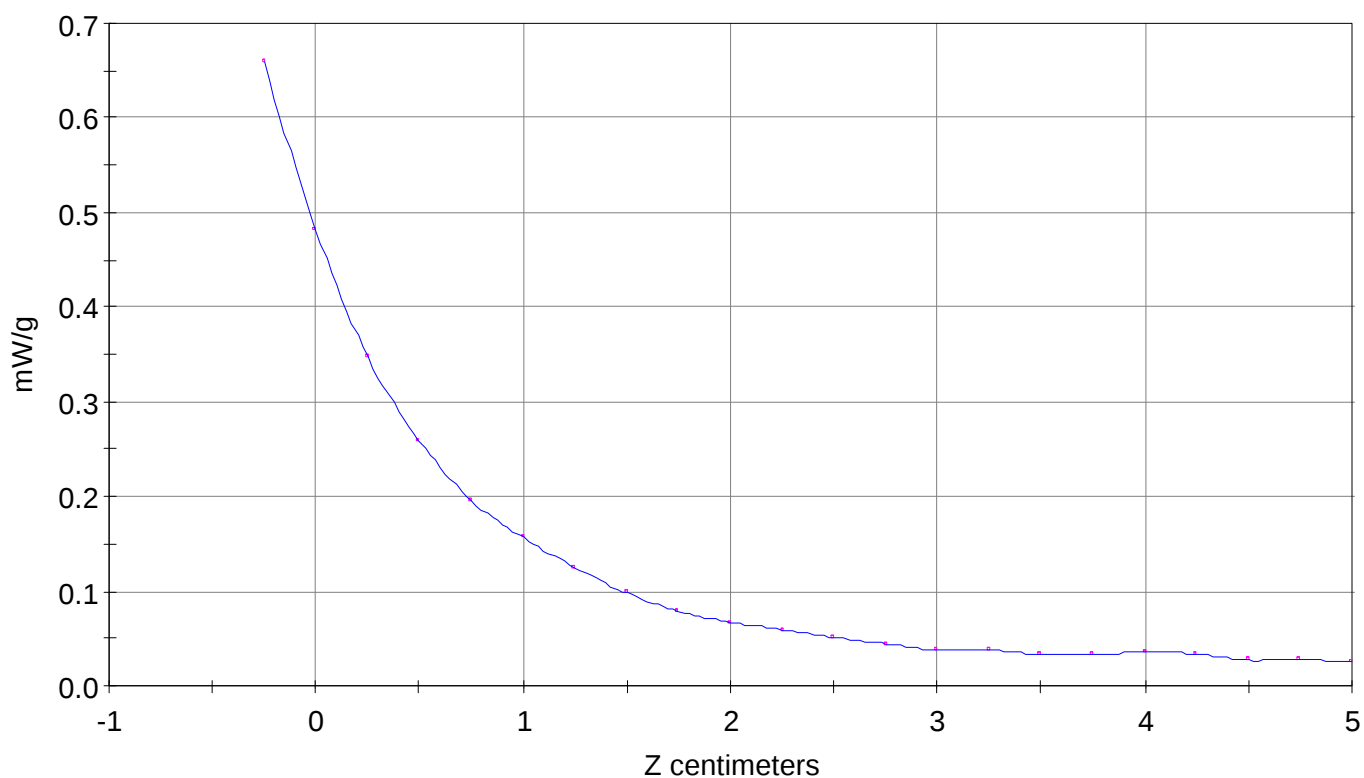
Calc. Voltage @ Surface (Vs) = 0.0059

Voltage @ 1.00 cm (Vt) = 0.0018

Ave. Voltage (Vs+Vt)/2 = 0.0038

Ave. SAR over 1 g (mW/g) = 0.4272

SAR Scan
File : 98120711_ZOOM
Start : 7-Dec-98 11:54:16 am End : 7-Dec-98 12:01:04 pm
SAMSUNG/A3LSCH4000/001;1880.00MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120716_ZOOM.VLT
Start : 7-Dec-98 02:09:14 pm End : 7-Dec-98 02:20:22 pm

Radio Type : SAMSUNG
Model Number : A3LSCH4000
Serial Number : 001
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
SAMSUNG PHONE
CHAN 1175 PCS MODE
PCTEST

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.000, Y = -0.250, Z = 0.000 (cm) Value = 5.712

Measured Values (volts) =
5.463E-003 4.843E-003 3.880E-003 3.127E-003 2.716E-003 2.372E-003
2.059E-003 1.866E-003 1.747E-003 1.618E-003 1.545E-003 1.476E-003
1.426E-003 1.375E-003 1.336E-003 1.338E-003 1.359E-003 1.307E-003
1.294E-003 1.296E-003 1.256E-003

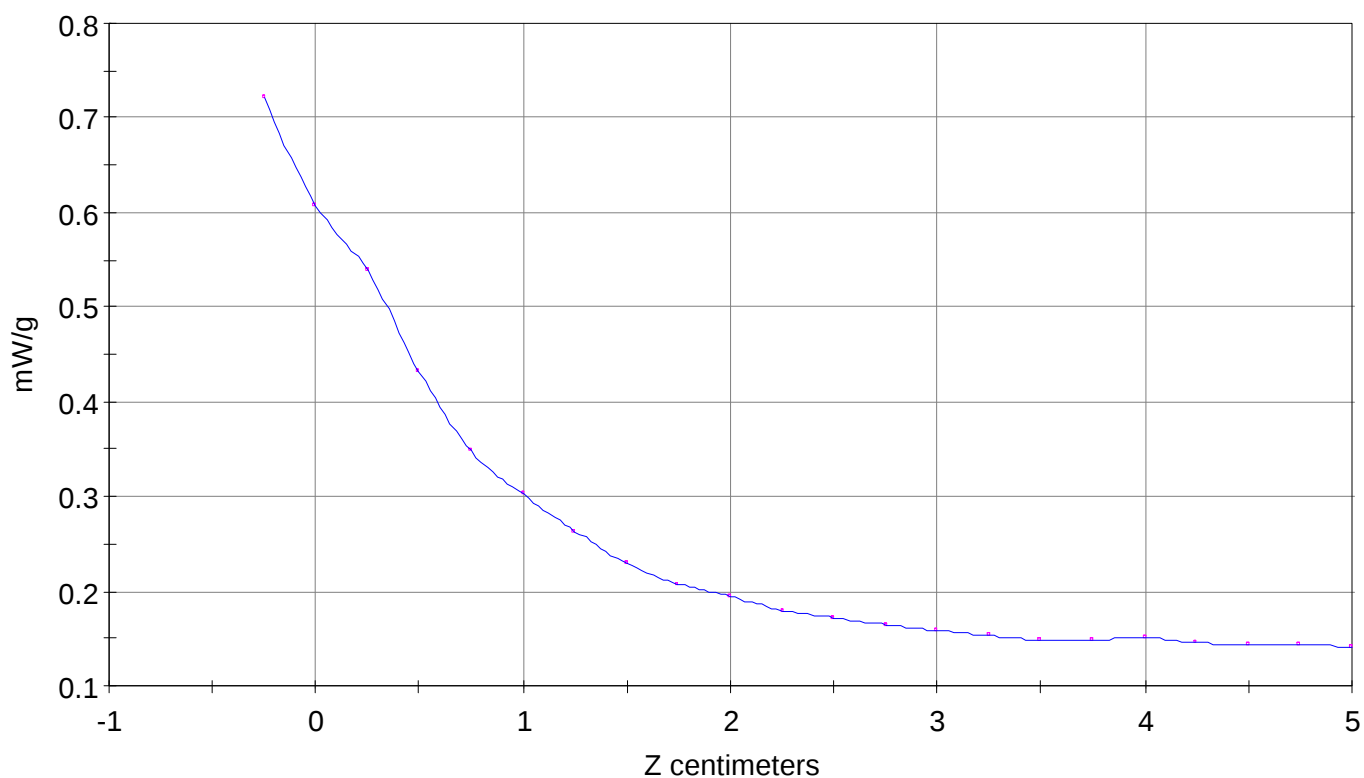
Calc. Voltage @ Surface (Vs) = 0.0065

Voltage @ 1.00 cm (Vt) = 0.0031

Ave. Voltage (Vs+Vt)/2 = 0.0048

Ave. SAR over 1 g (mW/g) = 0.5343

SAR Scan
File : 98120716_ZOOM
Start : 7-Dec-98 02:09:14 pm End : 7-Dec-98 02:20:22 pm
SAMSUNG/A3LSCH4000/001;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120717_ZOOM.VLT
Start : 7-Dec-98 02:29:37 pm End : 7-Dec-98 02:41:09 pm

Radio Type : SAMSUNG
Model Number : A3LSCH4000
Serial Number : 001
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
SAMSUNG PHONE
CHAN 1175 PCS MODE
PCTEST

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 1.750, Y = 0.250, Z = 0.000 (cm) Value = 4.863

Measured Values (volts) =
4.769E-003 4.040E-003 3.191E-003 2.629E-003 2.274E-003 2.015E-003
1.788E-003 1.630E-003 1.512E-003 1.455E-003 1.357E-003 1.395E-003
1.276E-003 1.327E-003 1.287E-003 1.272E-003 1.244E-003 1.303E-003
1.250E-003 1.268E-003 1.231E-003

Calc. Voltage @ Surface (Vs) = 0.0058

Voltage @ 1.00 cm (Vt) = 0.0026

Ave. Voltage (Vs+Vt)/2 = 0.0042

Ave. SAR over 1 g (mW/g) = 0.4702

SAR Scan
File : 98120717_ZOOM
Start : 7-Dec-98 02:29:37 pm End : 7-Dec-98 02:41:09 pm
SAMSUNG/A3LSCH4000/001;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650

