

Peak SAR Location

Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041617_ZOOM.VLT
Start : 16-Apr-101 03:12:54 pm End : 16-Apr-101 03:19:39 pm

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr : 0.250 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SAMSUNG PCS MODE PHONE
CHAN 0025 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 3.000, Y = -3.750, Z = 0.000 (cm) Value = 11.639

Measured Values (volts) =
1.144E-002 1.037E-002 8.277E-003 6.436E-003 4.950E-003 3.817E-003
2.870E-003 2.184E-003 1.618E-003 1.151E-003 8.307E-004 4.518E-004
2.699E-004 2.446E-004 2.293E-004 2.168E-004 1.634E-004 1.043E-004
1.019E-004 2.029E-004 4.246E-004

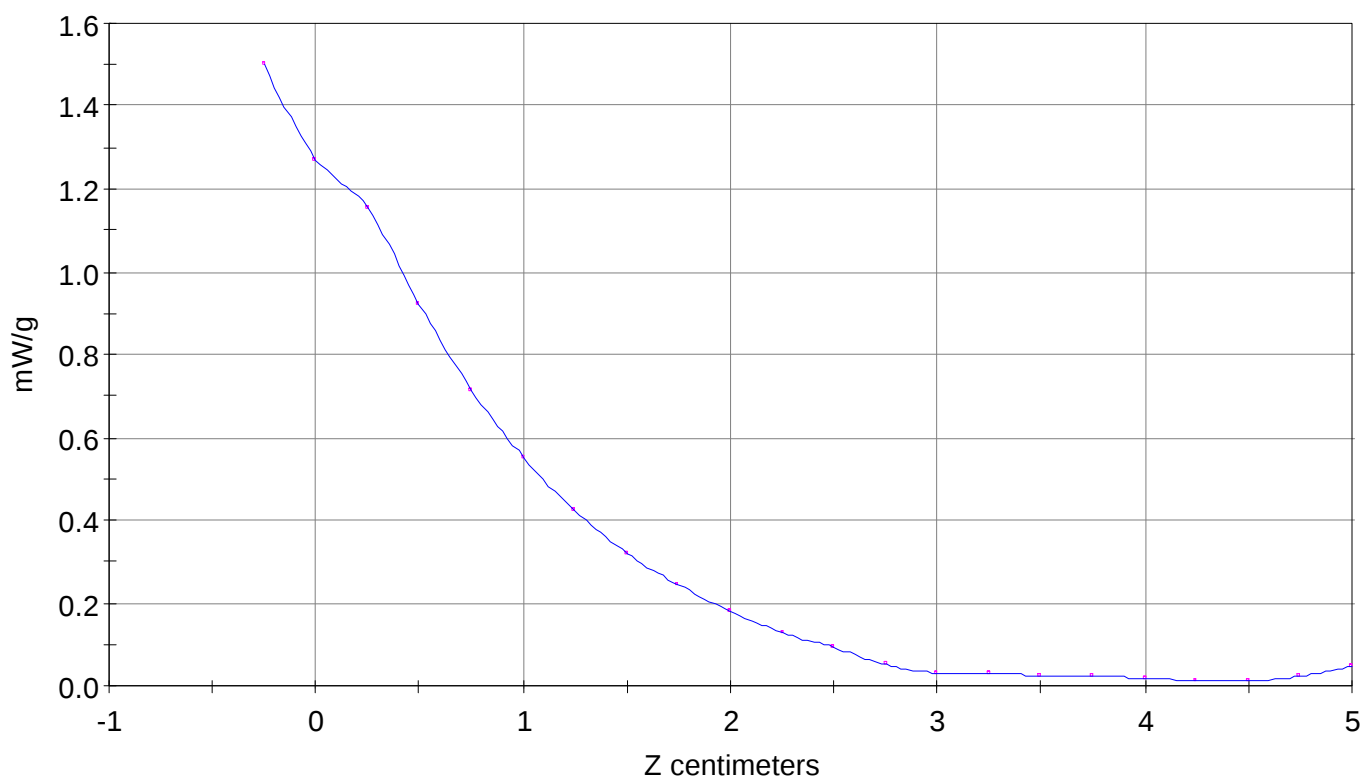
Calc. Voltage @ Surface (Vs) = 0.0135

Voltage @ 1.00 cm (Vt) = 0.0064

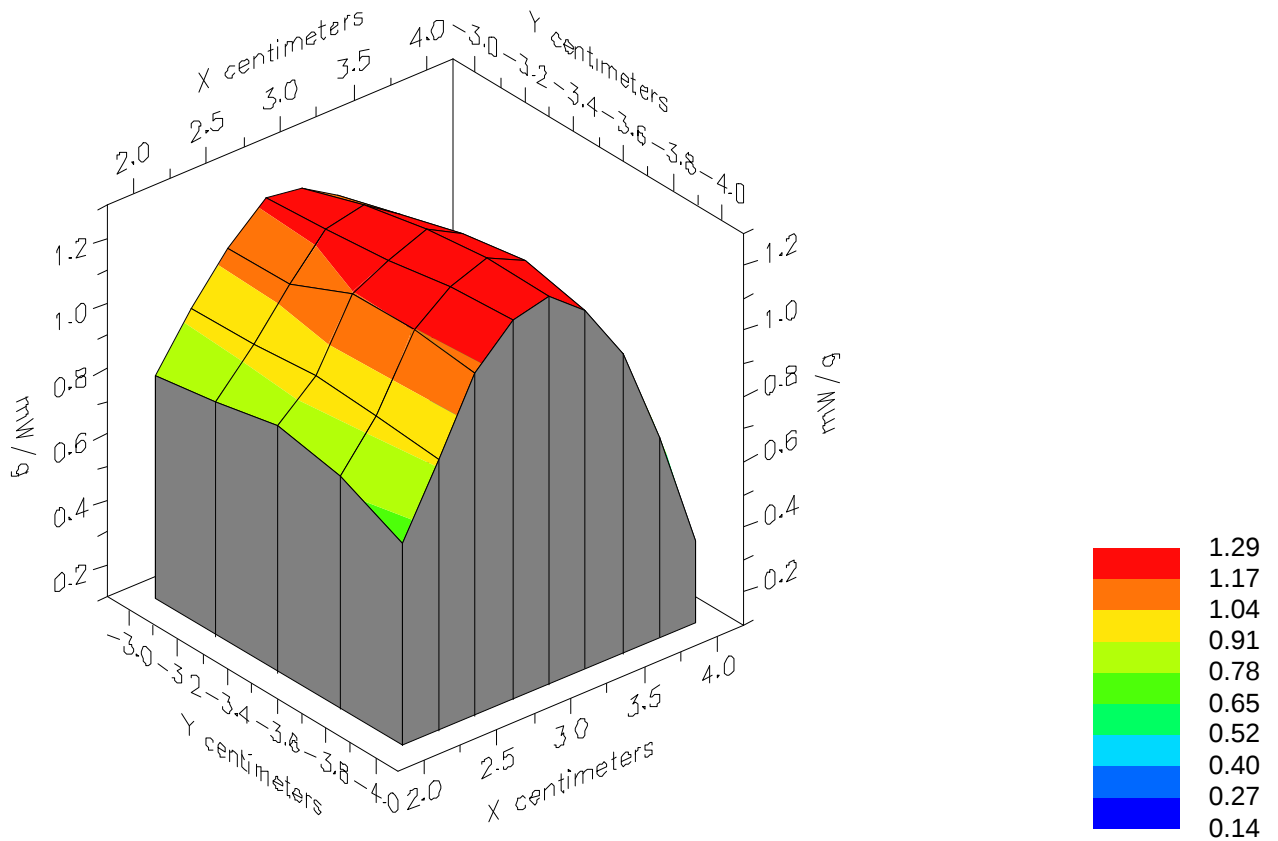
Ave. Voltage (Vs+Vt)/2 = 0.0100

Ave. SAR over 1 g (mW/g) = 1.1073

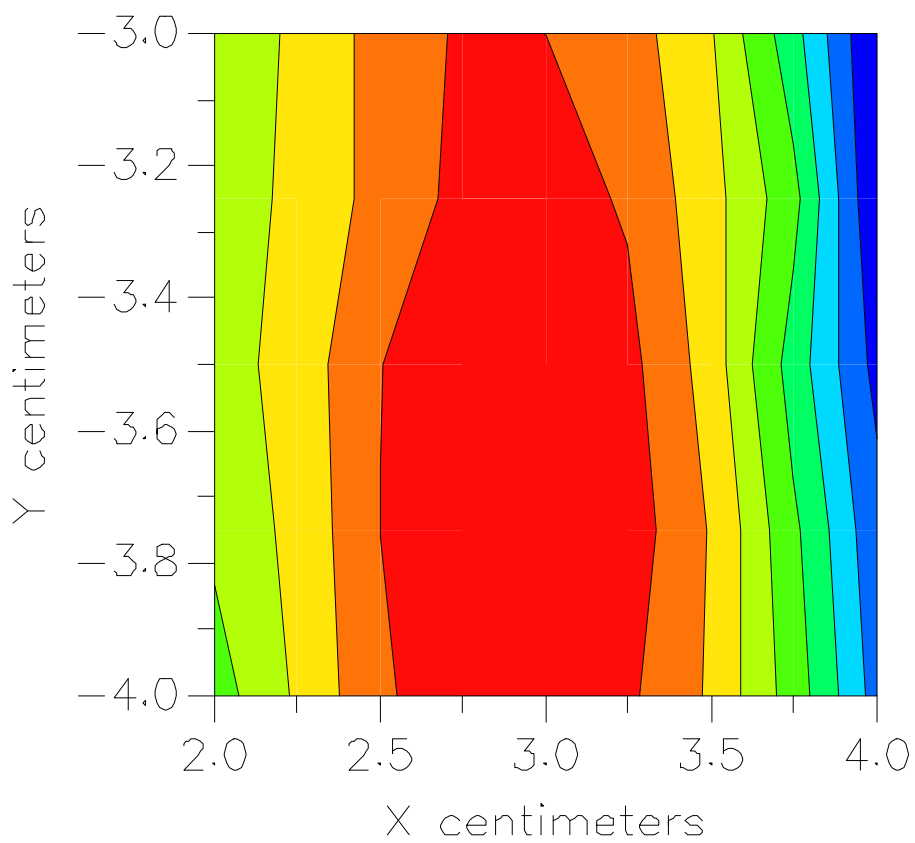
SAR Scan
File : 01041617_ZOOM
Start : 16-Apr-101 03:12:54 pm End : 16-Apr-101 03:19:39 pm
SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01041617_ZOOM
Start : 16-Apr-101 03:12:54 pm End : 16-Apr-101 03:19:39 pm
SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01041617_ZOOM
Start : 16-Apr-101 03:12:54 pm End : 16-Apr-101 03:19:39 pm
SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041701_ZOOM.VLT
Start : 17-Apr-101 10:24:21 am End : 17-Apr-101 10:34:02 am

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SAMSUNG PCS MODE PHONE
CHAN 0025 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 2.750, Y = -3.250, Z = 0.000 (cm) Value = 4.637

Measured Values (volts) =
4.587E-003 3.864E-003 2.997E-003 2.417E-003 1.903E-003 1.473E-003
1.127E-003 8.775E-004 6.716E-004 4.527E-004 3.259E-004 2.069E-004
1.531E-004 7.345E-005 8.321E-005 4.380E-005 5.041E-005 4.857E-005
2.941E-005 2.961E-006 5.599E-005

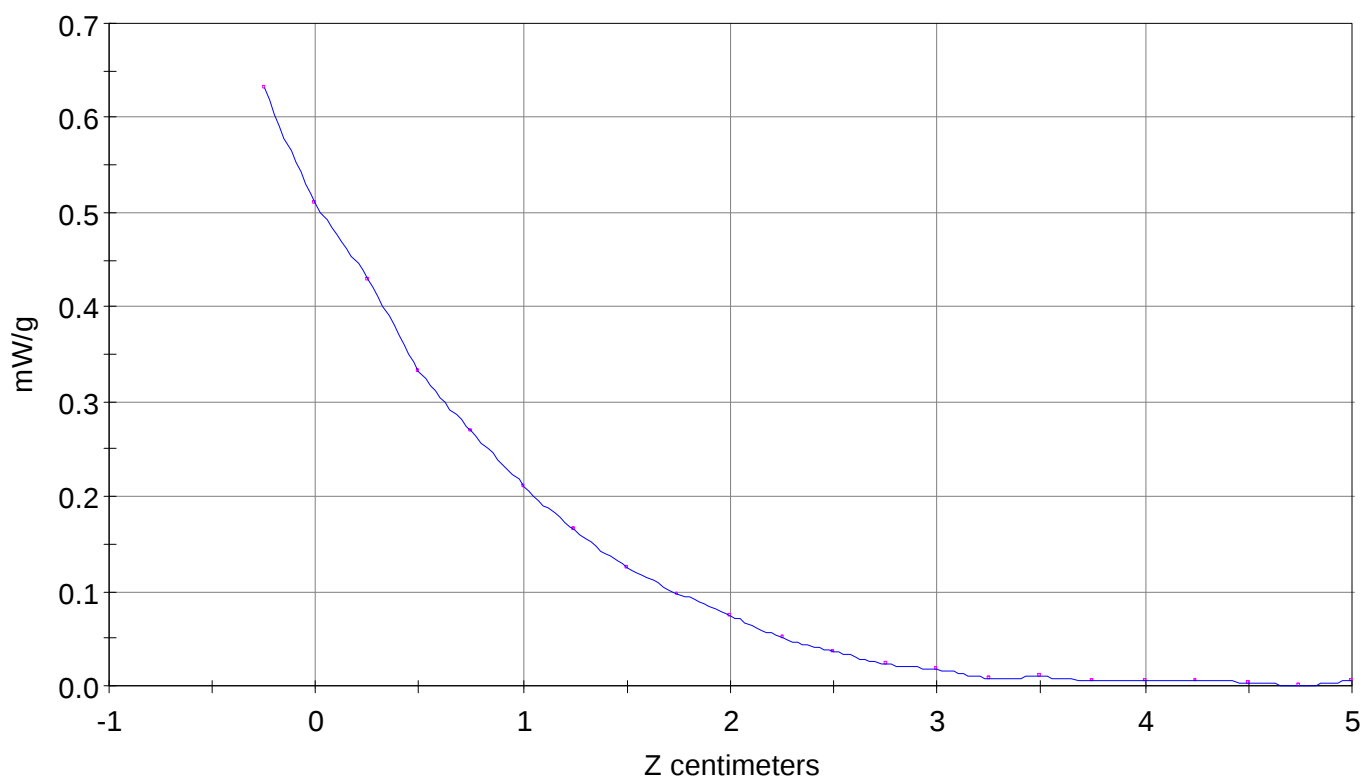
Calc. Voltage @ Surface (Vs) = 0.0057

Voltage @ 1.00 cm (Vt) = 0.0024

Ave. Voltage (Vs+Vt)/2 = 0.0040

Ave. SAR over 1 g (mW/g) = 0.4502

SAR Scan
File : 01041701_ZOOM
Start : 17-Apr-101 10:24:21 am End : 17-Apr-101 10:34:02 am
SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

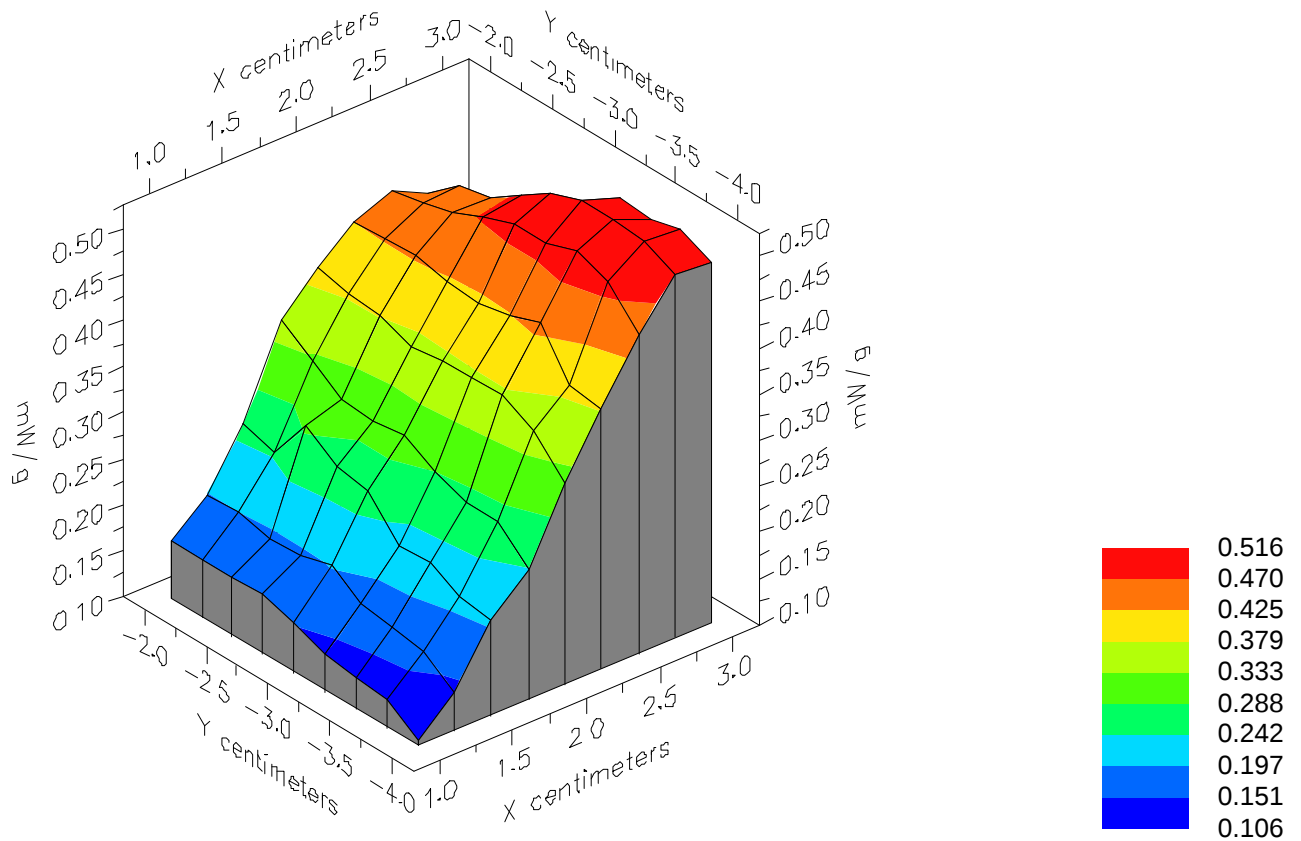


File : 01041701_ZOOM

Start : 17-Apr-101 10:24:21 am End : 17-Apr-101 10:34:02 am

SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

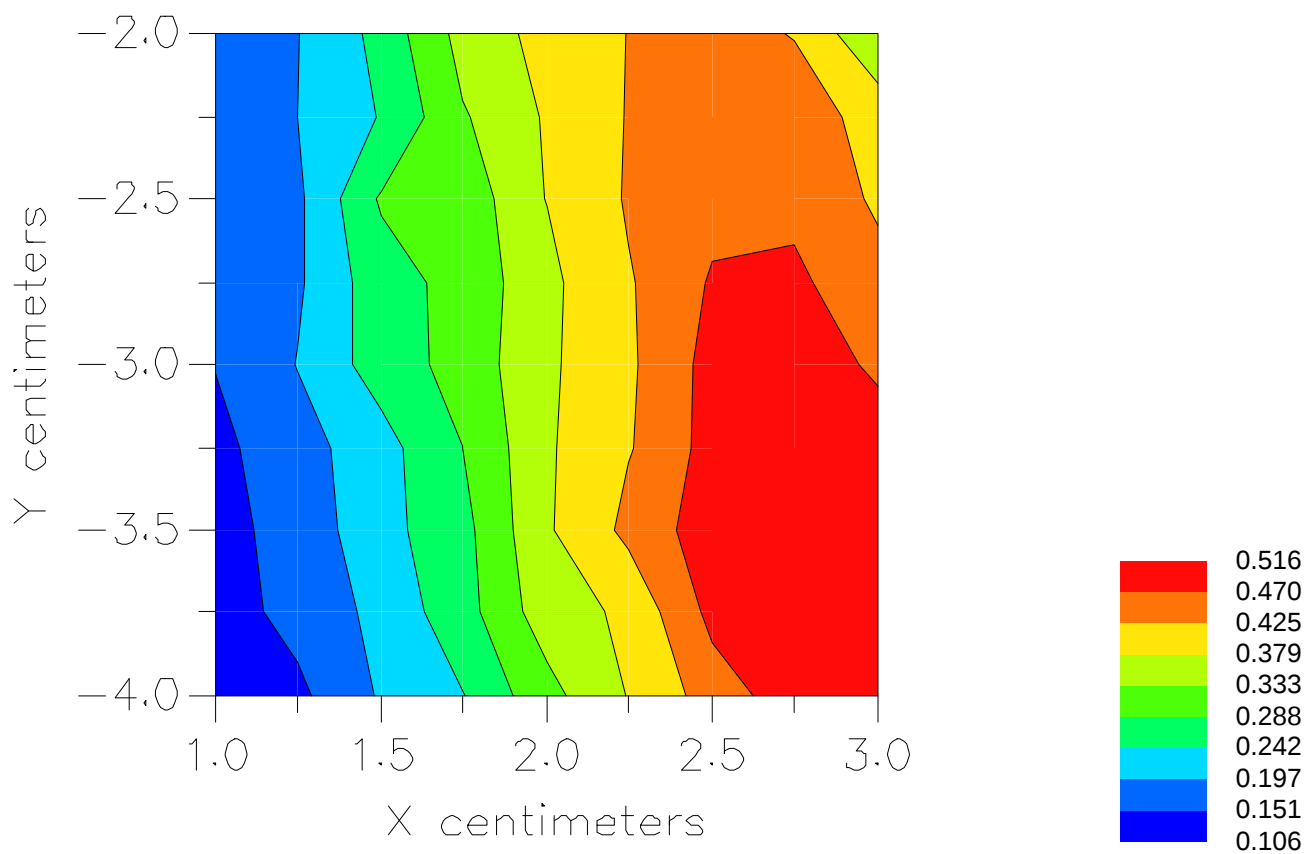


File : 01041701_ZOOM

Start : 17-Apr-101 10:24:21 am End : 17-Apr-101 10:34:02 am

SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041619_ZOOM.VLT
Start : 16-Apr-101 03:47:53 pm End : 16-Apr-101 03:54:35 pm

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SAMSUNG PCS MODE PHONE
CHAN 0600 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 3.000, Y = -3.750, Z = 0.000 (cm) Value = 13.434

Measured Values (volts) =
1.338E-002 1.148E-002 8.981E-003 6.921E-003 5.312E-003 3.976E-003
3.016E-003 2.242E-003 1.632E-003 1.140E-003 7.480E-004 4.722E-004
3.029E-004 2.401E-004 2.178E-004 1.350E-004 1.395E-004 6.558E-005
8.426E-005 2.142E-004 1.185E-004

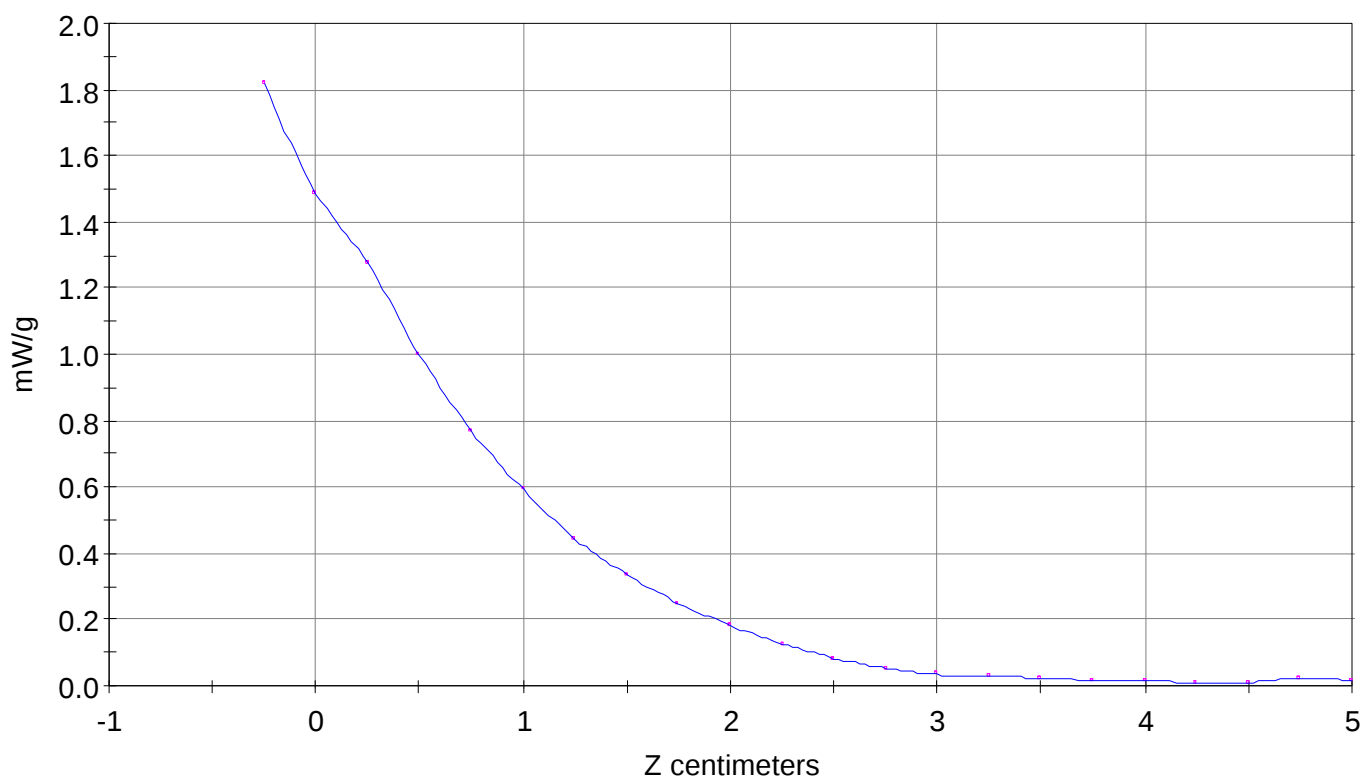
Calc. Voltage @ Surface (Vs) = 0.0164

Voltage @ 1.00 cm (Vt) = 0.0069

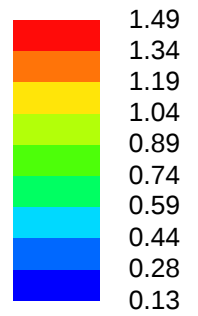
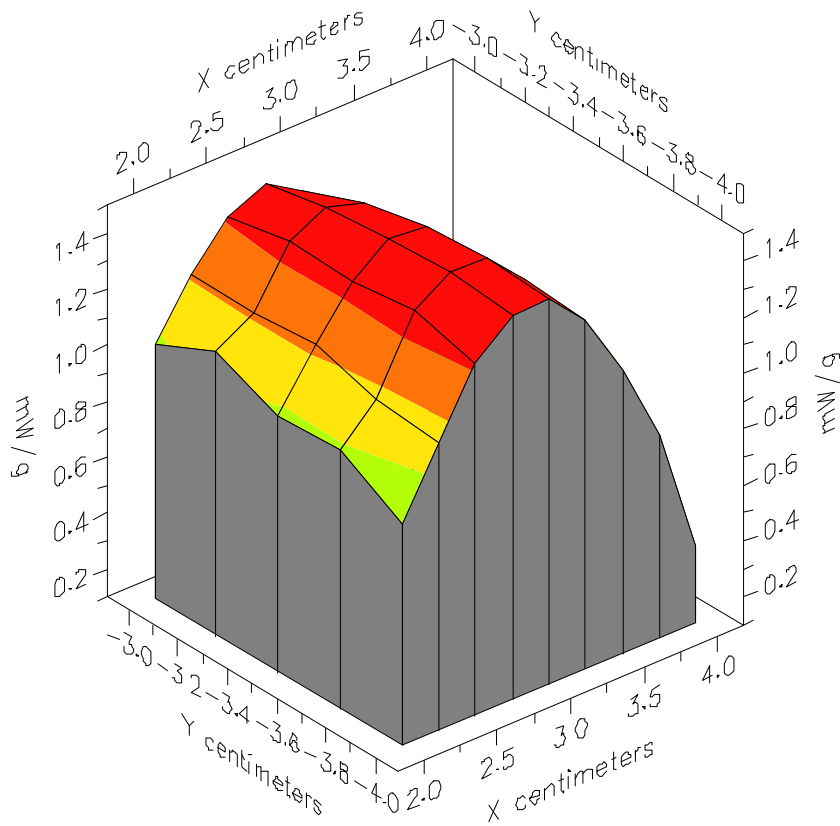
Ave. Voltage (Vs+Vt)/2 = 0.0116

Ave. SAR over 1 g (mW/g) = 1.2942

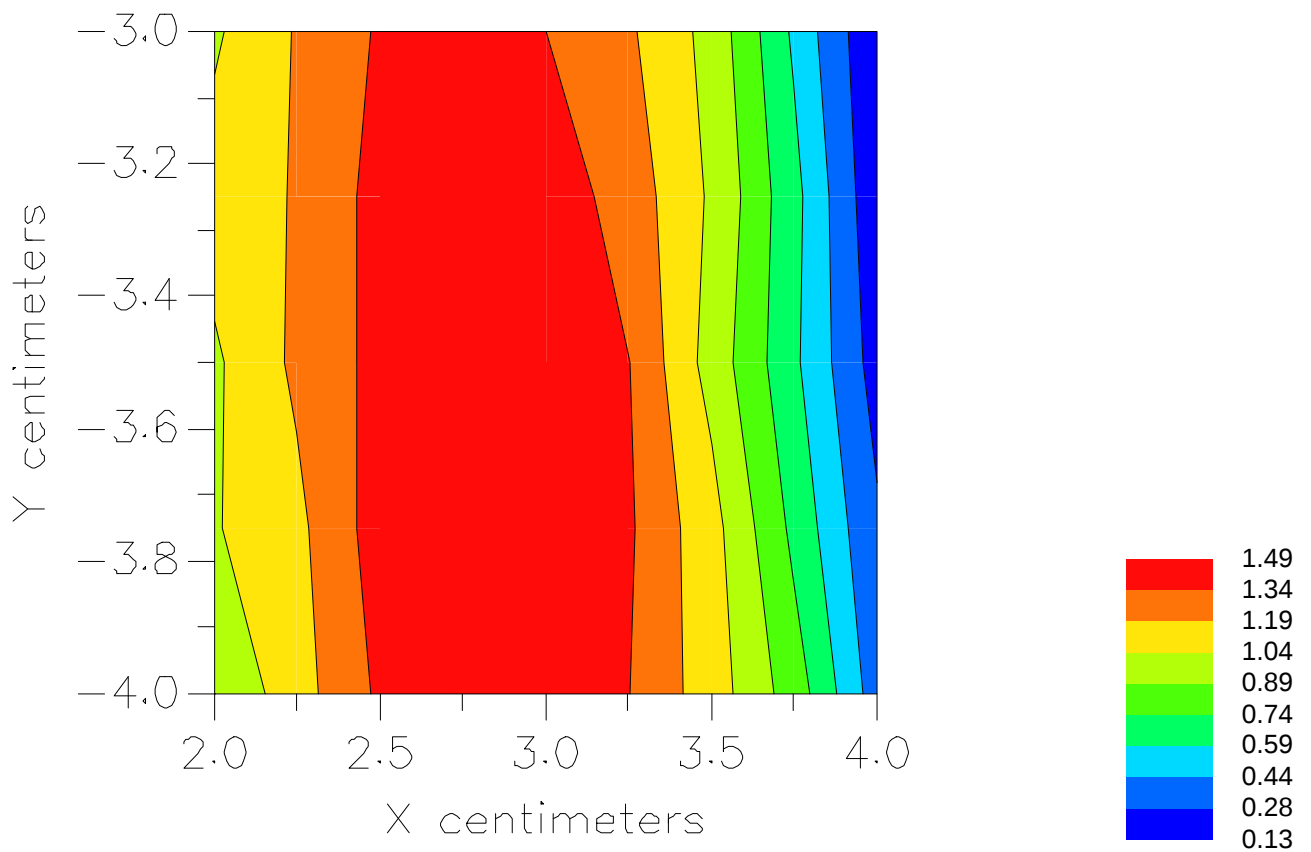
SAR Scan
File : 01041619_ZOOM
Start : 16-Apr-101 03:47:53 pm End : 16-Apr-101 03:54:35 pm
SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01041619_ZOOM
Start : 16-Apr-101 03:47:53 pm End : 16-Apr-101 03:54:35 pm
SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01041619_ZOOM
Start : 16-Apr-101 03:47:53 pm End : 16-Apr-101 03:54:35 pm
SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041702_ZOOM.VLT
Start : 17-Apr-101 10:35:35 am End : 17-Apr-101 10:45:22 am

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SAMSUNG PCS MODE PHONE
CHAN 1175 Conducted 25.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 2.750, Y = -3.250, Z = 0.000 (cm) Value = 4.923

Measured Values (volts) =
4.706E-003 3.921E-003 3.009E-003 2.383E-003 1.864E-003 1.430E-003
1.111E-003 8.391E-004 6.385E-004 4.303E-004 2.816E-004 1.681E-004
1.240E-004 7.674E-005 6.617E-005 7.759E-005 6.065E-005 2.962E-005
8.101E-005 4.591E-005 1.119E-004

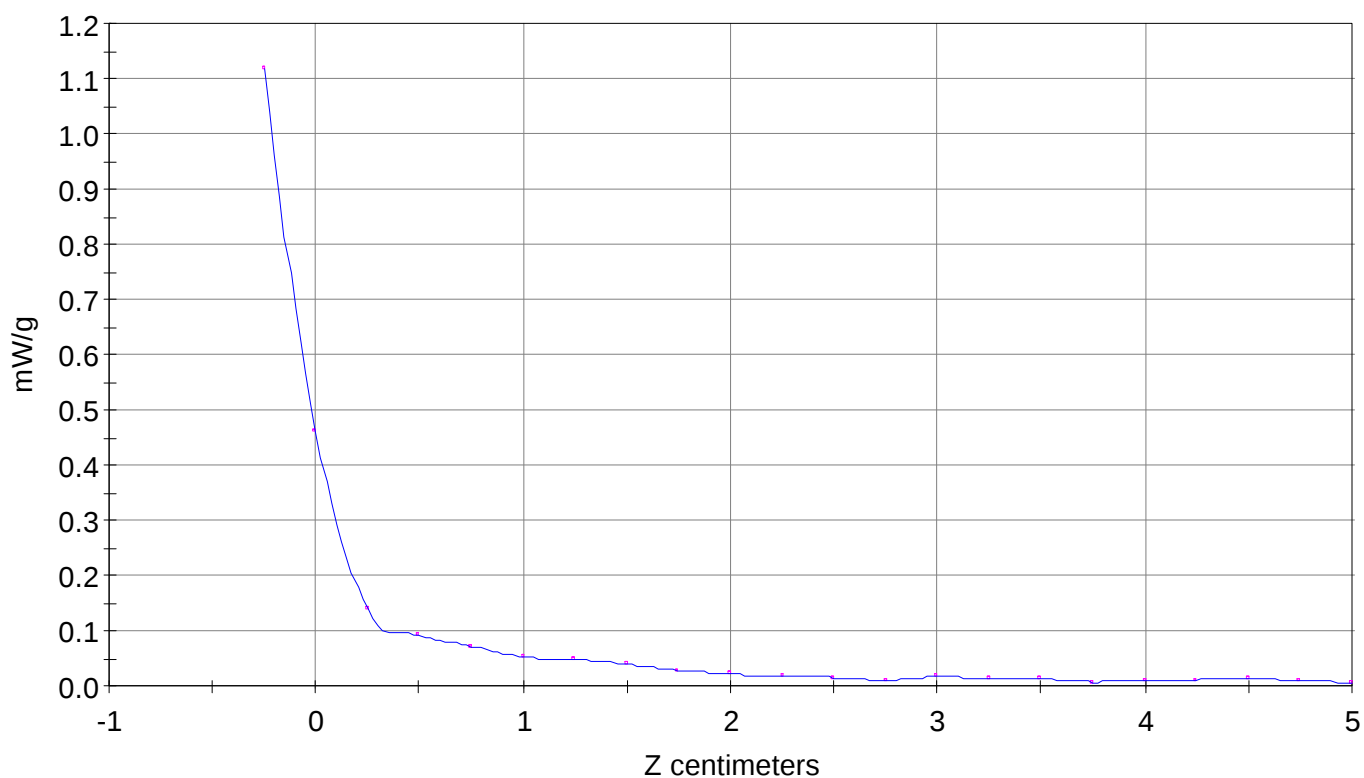
Calc. Voltage @ Surface (Vs) = 0.0059

Voltage @ 1.00 cm (Vt) = 0.0024

Ave. Voltage (Vs+Vt)/2 = 0.0041

Ave. SAR over 1 g (mW/g) = 0.4601

SAR Scan
File : 01041902_ZOOM
Start : 19-Apr-101 11:09:23 am End : 19-Apr-101 11:21:10 am
SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

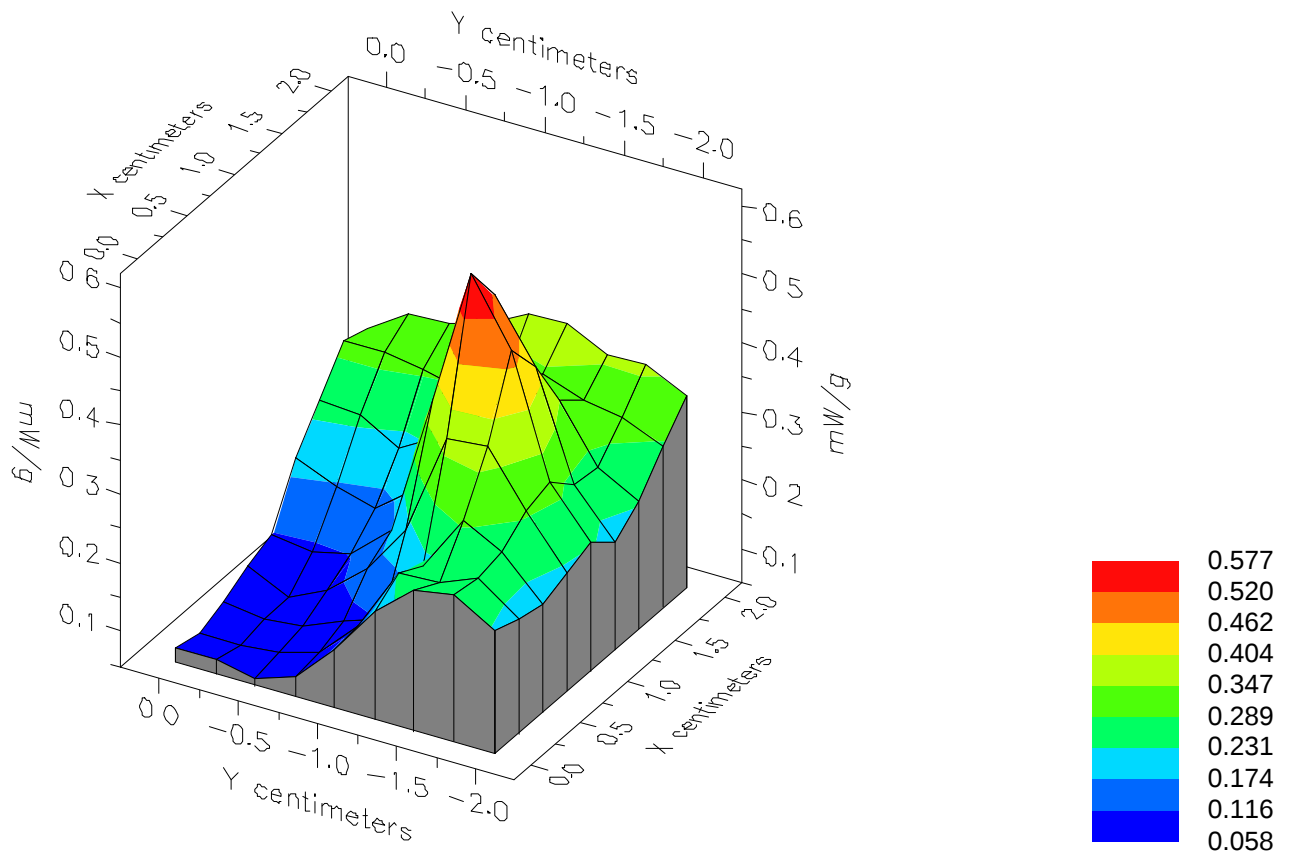


File : 01041902_ZOOM

Start : 19-Apr-101 11:09:23 am End : 19-Apr-101 11:21:10 am

SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

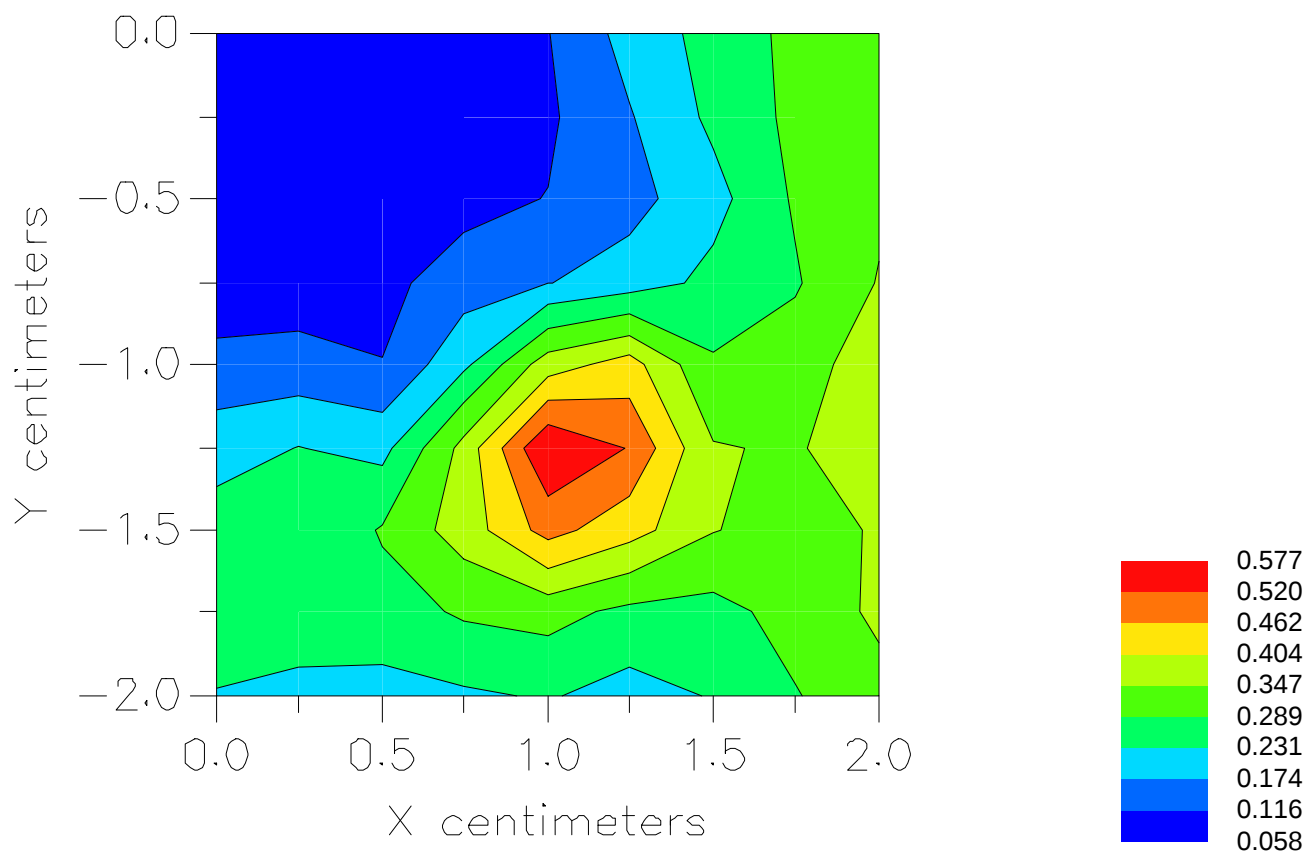


File : 01041902_ZOOM

Start : 19-Apr-101 11:09:23 am End : 19-Apr-101 11:21:10 am

SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041620_ZOOM.VLT
Start : 16-Apr-101 04:02:51 pm End : 16-Apr-101 04:08:30 pm

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SAMSUNG PCS MODE PHONE
CHAN 1175 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 3.000, Y = -3.750, Z = 0.000 (cm) Value = 14.426

Measured Values (volts) =
1.424E-002 1.182E-002 9.125E-003 6.918E-003 5.342E-003 4.004E-003
2.974E-003 2.161E-003 1.510E-003 1.052E-003 6.997E-004 3.822E-004
2.543E-004 2.278E-004 2.110E-004 1.702E-004 9.607E-005 7.364E-005
9.989E-005 3.432E-004 1.462E-004

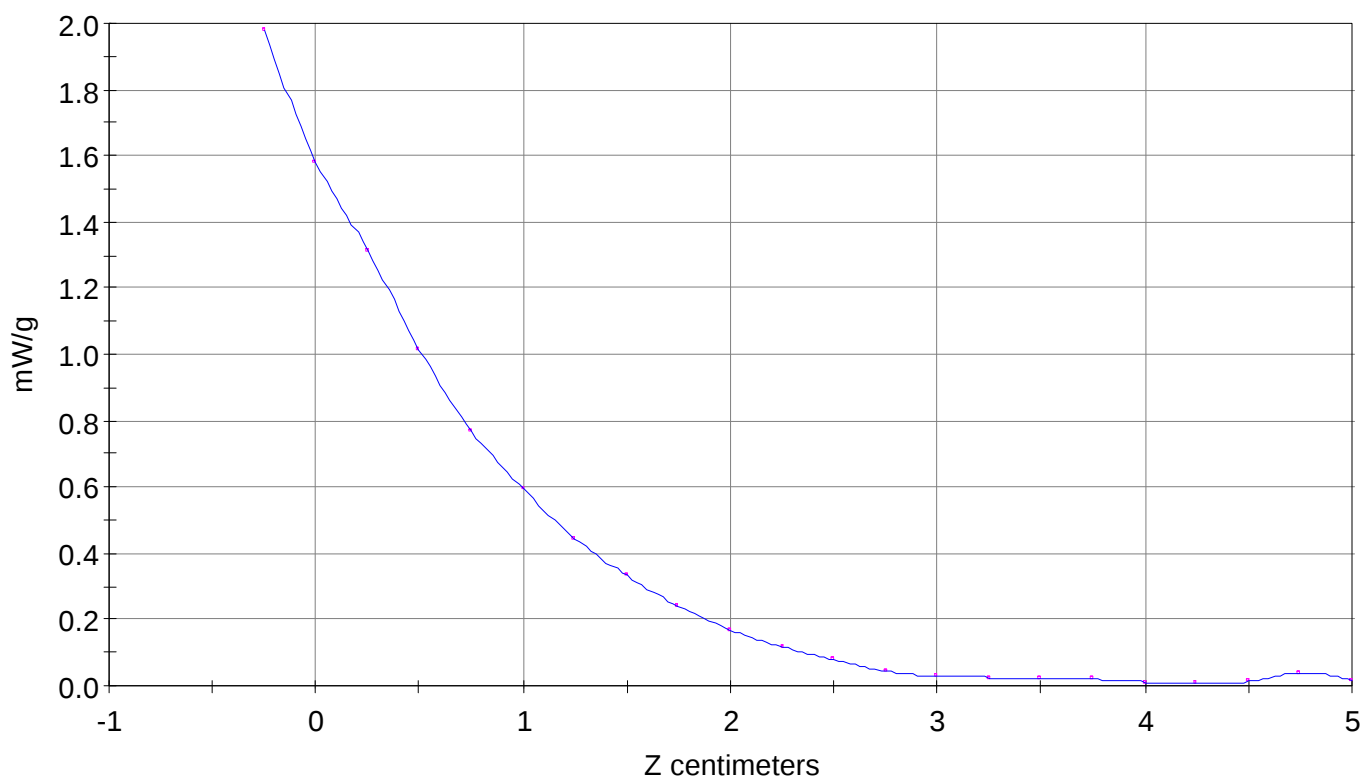
Calc. Voltage @ Surface (Vs) = 0.0178

Voltage @ 1.00 cm (Vt) = 0.0069

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

Ave. SAR over 1 g (mW/g) = 1.3739

SAR Scan
File : 01041620_ZOOM
Start : 16-Apr-101 04:02:51 pm End : 16-Apr-101 04:08:30 pm
SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

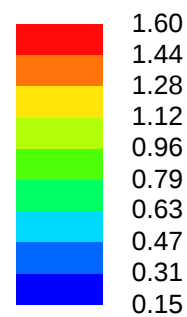
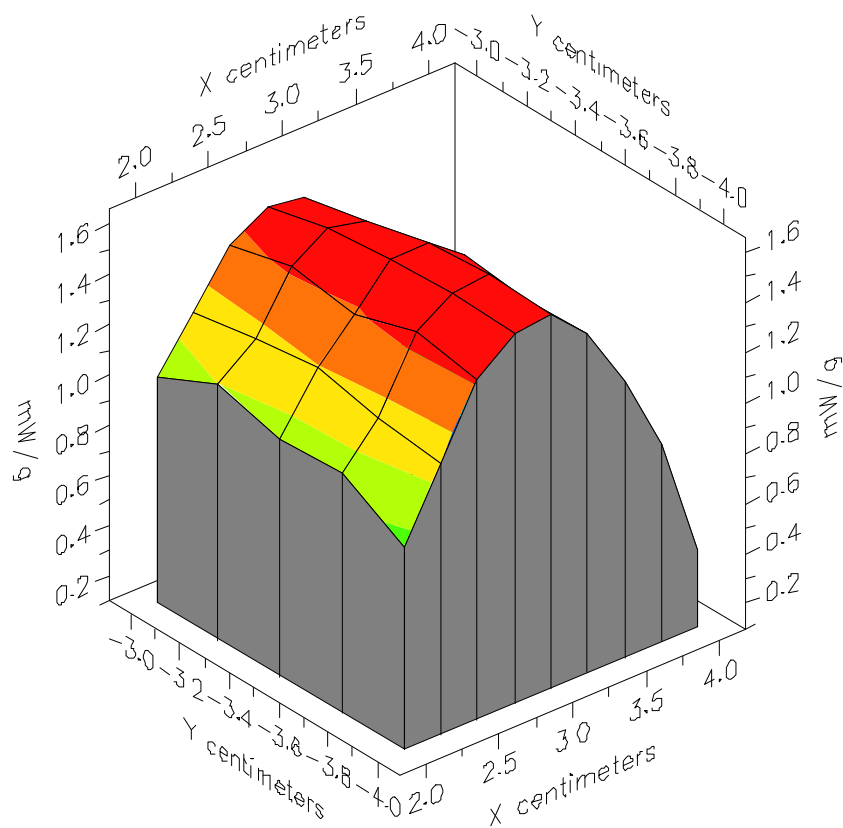


File : 01041620_ZOOM

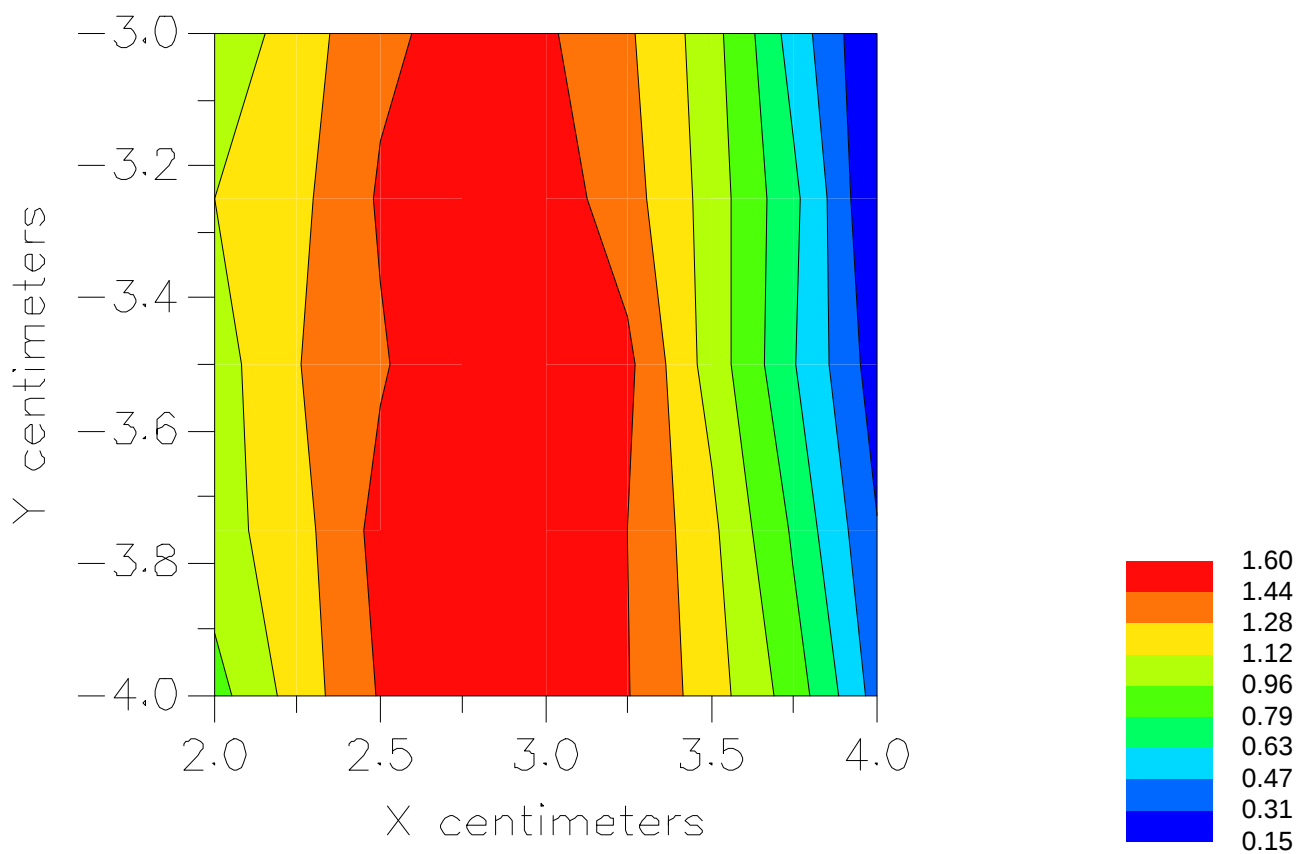
Start : 16-Apr-101 04:02:51 pm End : 16-Apr-101 04:08:30 pm

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01041620_ZOOM
Start : 16-Apr-101 04:02:51 pm End : 16-Apr-101 04:08:30 pm
SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041702_ZOOM.VLT
Start : 17-Apr-101 10:35:35 am End : 17-Apr-101 10:45:22 am

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SAMSUNG PCS MODE PHONE
CHAN 1175 Conducted 25.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 2.750, Y = -3.250, Z = 0.000 (cm) Value = 4.923

Measured Values (volts) =
4.706E-003 3.921E-003 3.009E-003 2.383E-003 1.864E-003 1.430E-003
1.111E-003 8.391E-004 6.385E-004 4.303E-004 2.816E-004 1.681E-004
1.240E-004 7.674E-005 6.617E-005 7.759E-005 6.065E-005 2.962E-005
8.101E-005 4.591E-005 1.119E-004

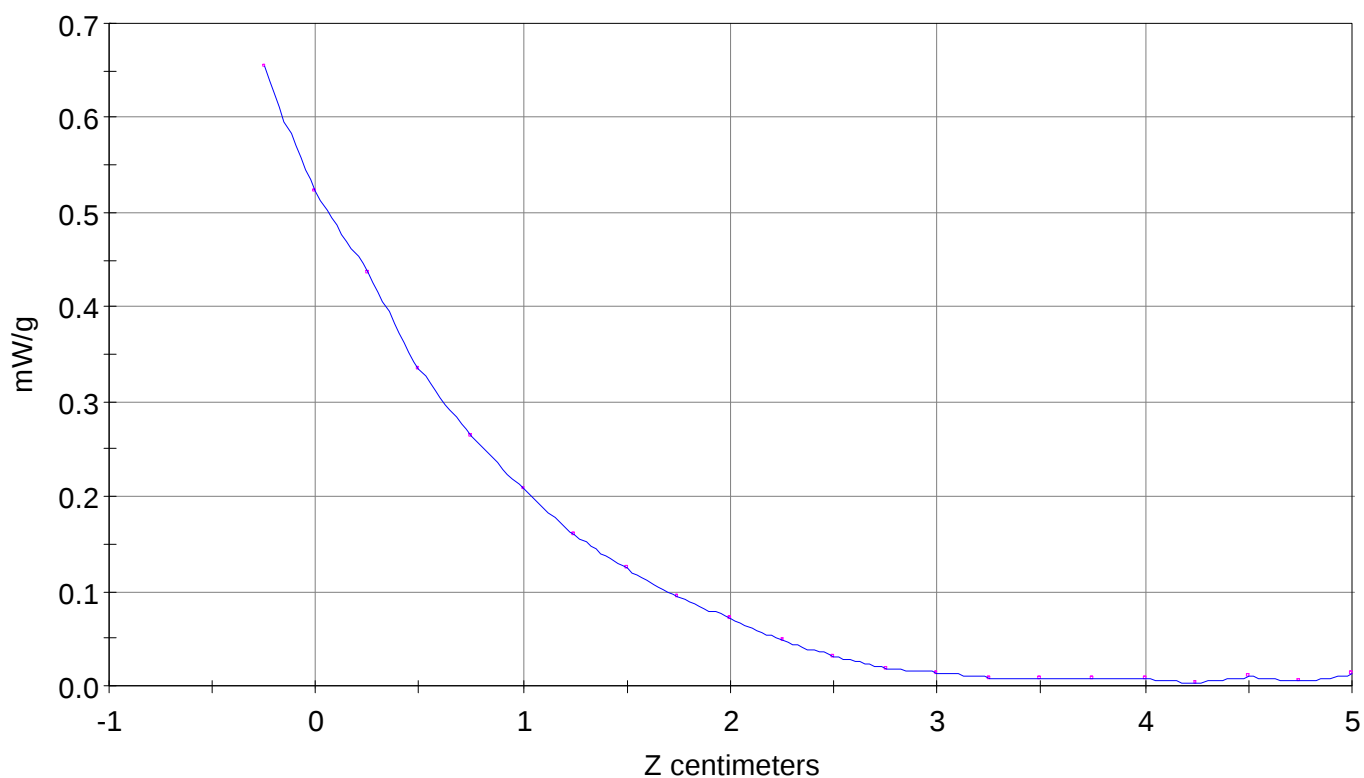
Calc. Voltage @ Surface (Vs) = 0.0059

Voltage @ 1.00 cm (Vt) = 0.0024

Ave. Voltage (Vs+Vt)/2 = 0.0041

Ave. SAR over 1 g (mW/g) = 0.4601

SAR Scan
File : 01041702_ZOOM
Start : 17-Apr-101 10:35:35 am End : 17-Apr-101 10:45:22 am
SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

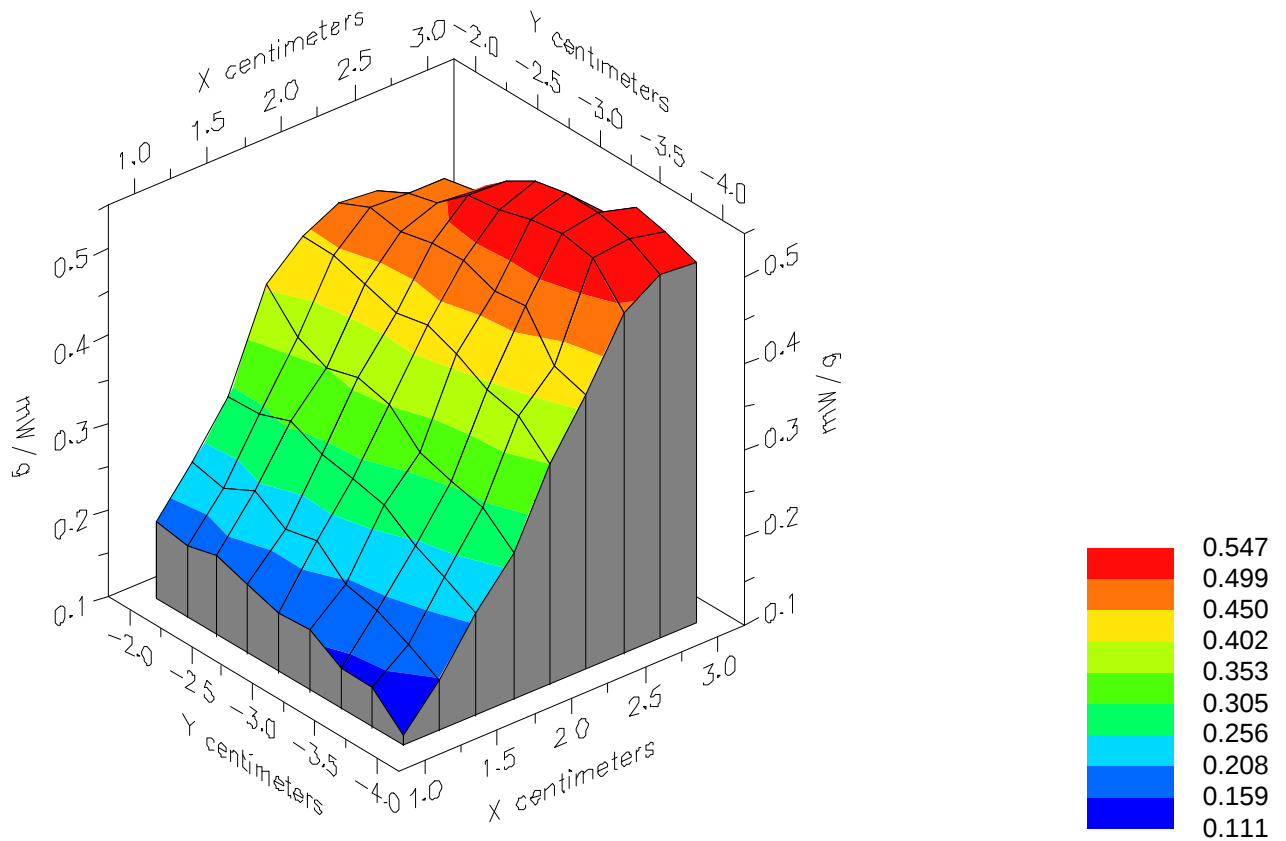


File : 01041702_ZOOM

Start : 17-Apr-101 10:35:35 am End : 17-Apr-101 10:45:22 am

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

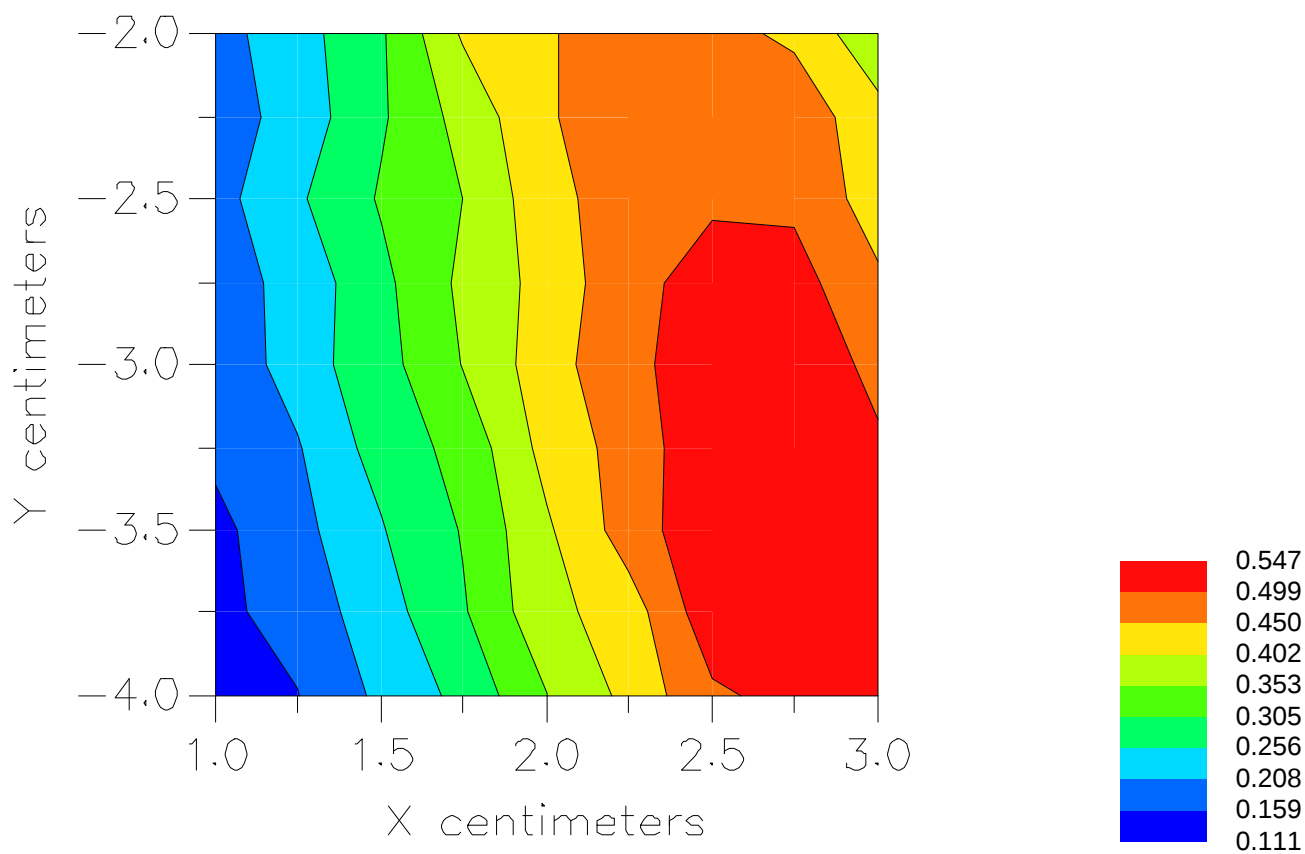


File : 01041702_ZOOM

Start : 17-Apr-101 10:35:35 am End : 17-Apr-101 10:45:22 am

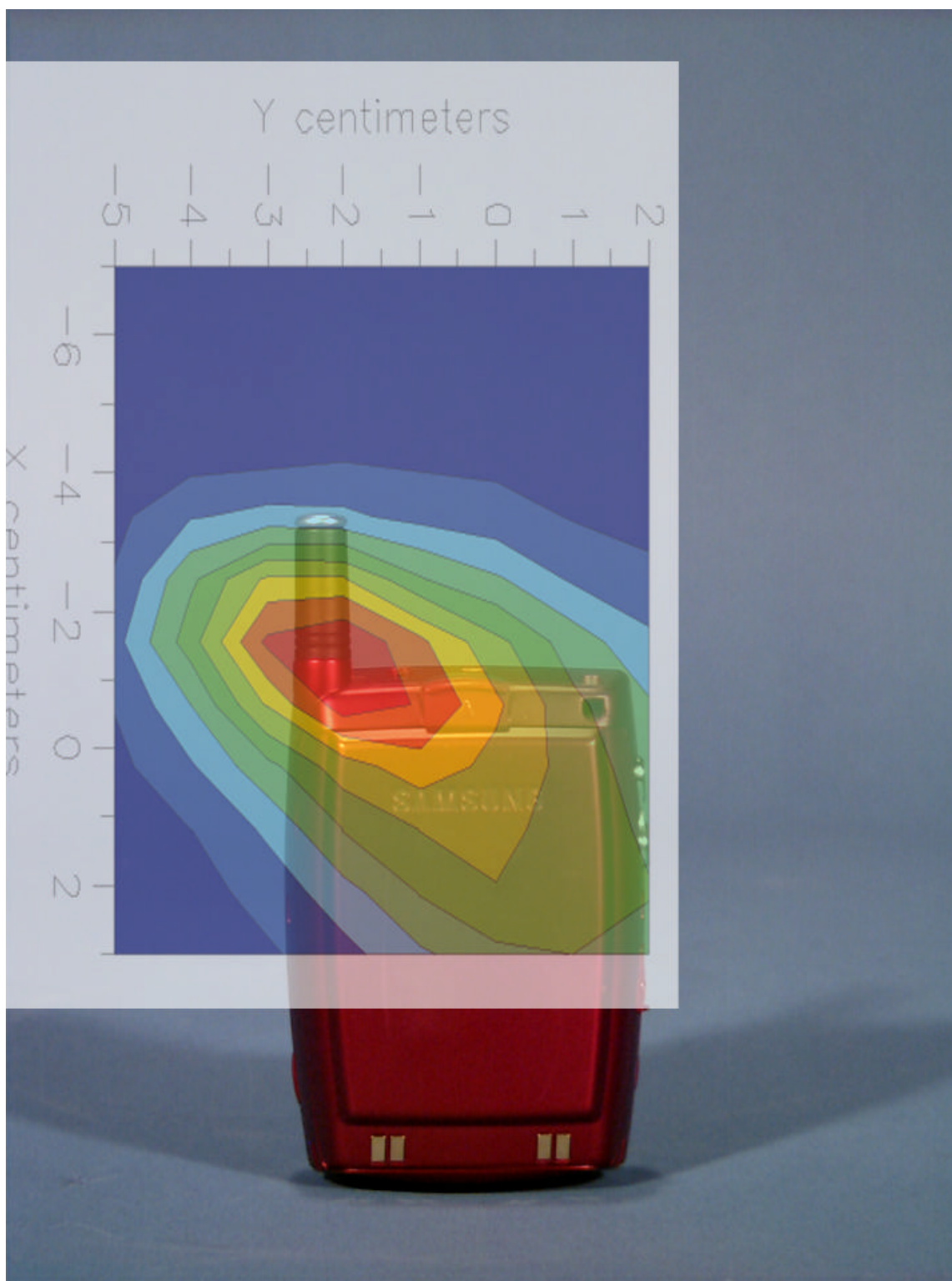
SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041804_ZOOM.VLT
Start : 18-Apr-101 10:53:36 am End : 18-Apr-101 11:03:57 am

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG PCS MODE PHONE - BODY SAR
CHAN 0025 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 1.500, Y = 0.000, Z = 0.000 (cm) Value = 8.775

Measured Values (volts) =
8.577E-003 6.564E-003 4.443E-003 3.168E-003 2.280E-003 1.595E-003
1.097E-003 7.689E-004 5.220E-004 3.262E-004 1.665E-004 9.960E-005
5.558E-005 3.534E-005 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

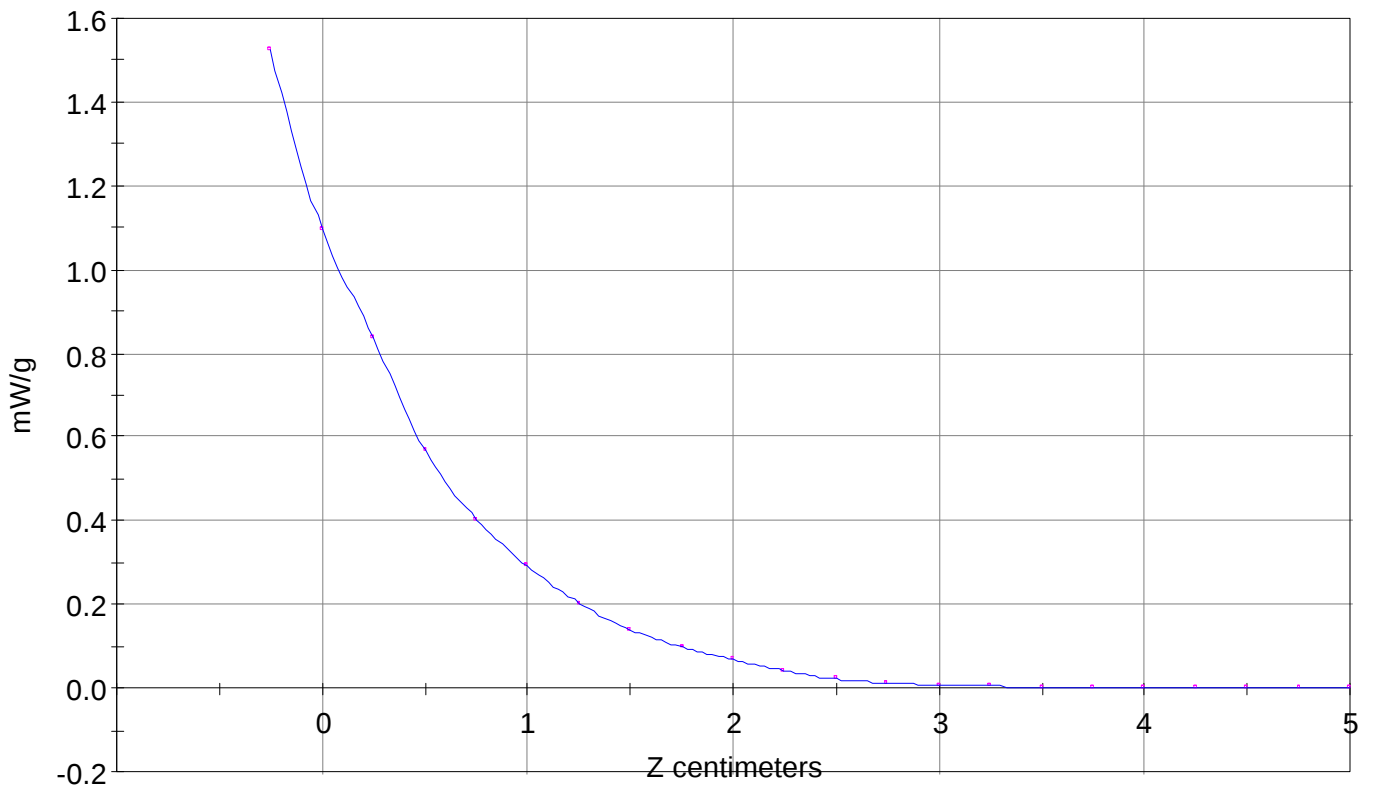
Calc. Voltage @ Surface (Vs) = 0.0119

Voltage @ 1.00 cm (Vt) = 0.0032

Ave. Voltage (Vs+Vt)/2 = 0.0076

Ave. SAR over 1 g (mW/g) = 0.9638

SAR Scan
File : 01041804_ZOOM
Start : 18-Apr-101 10:53:36 am End : 18-Apr-101 11:03:57 am
SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

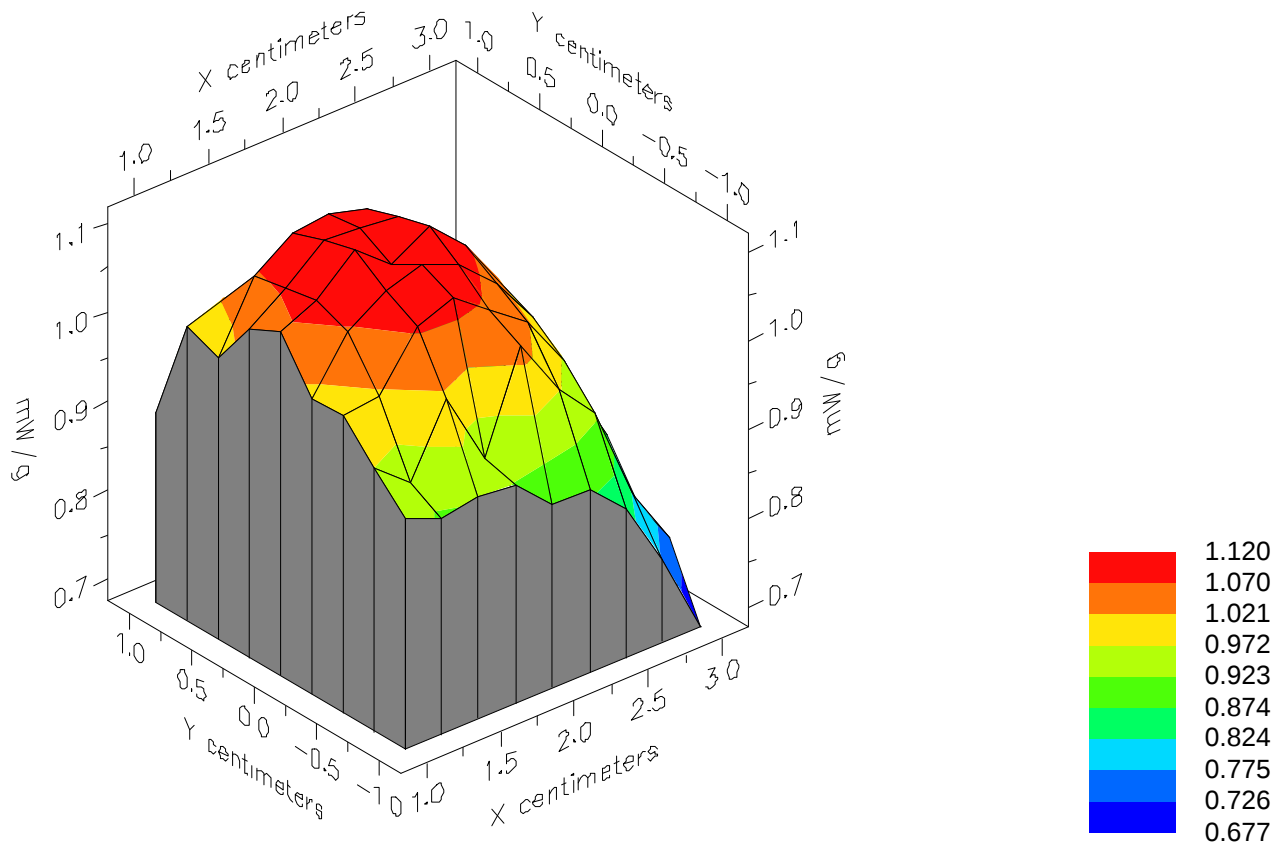


File : 01041804_ZOOM

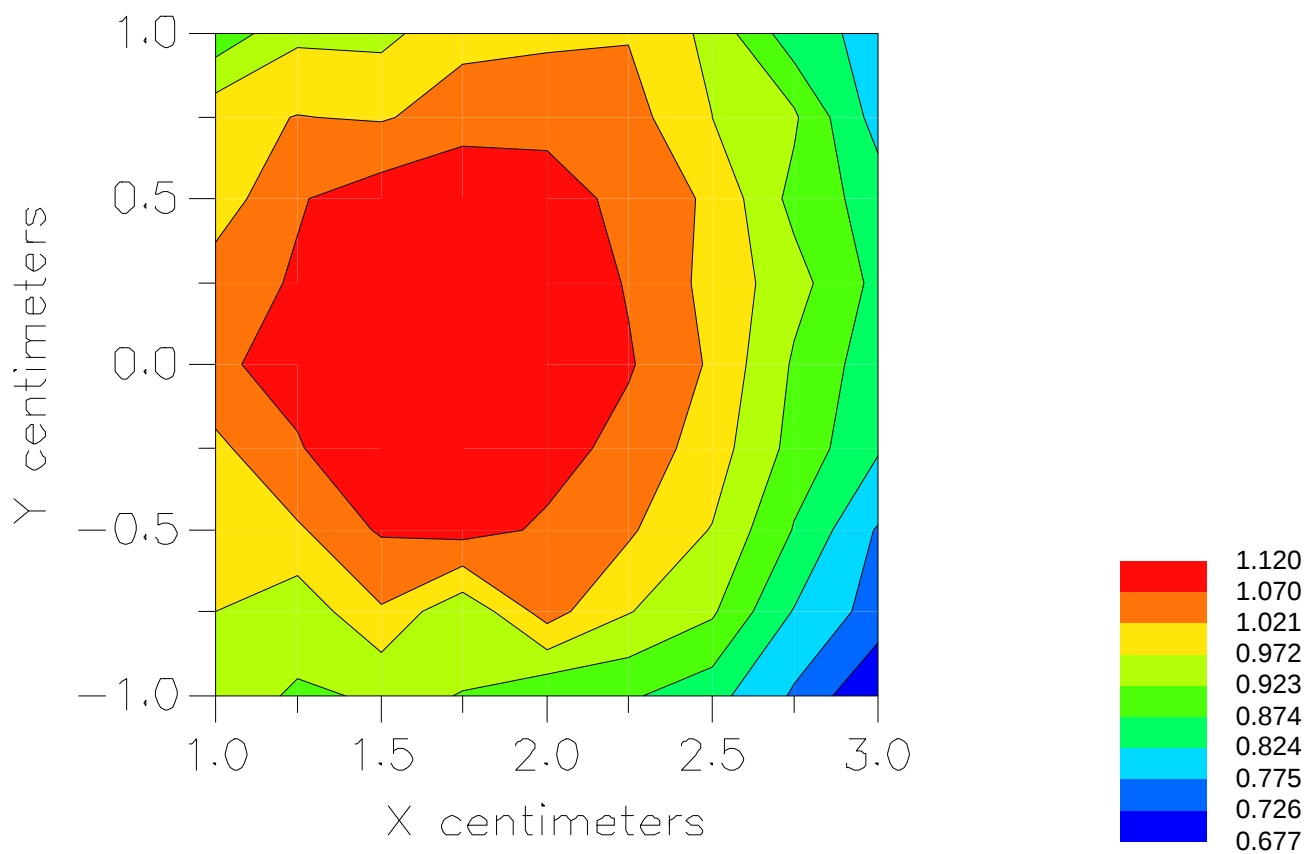
Start : 18-Apr-101 10:53:36 am End : 18-Apr-101 11:03:57 am

SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 01041804_ZOOM
Start : 18-Apr-101 10:53:36 am End : 18-Apr-101 11:03:57 am
SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041803_ZOOM.VLT
Start : 18-Apr-101 10:34:06 am End : 18-Apr-101 10:41:37 am

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG PCS MODE PHONE - BODY SAR
CHAN 0025 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -3.000, Y = -3.000, Z = 0.000 (cm) Value = 9.970

Measured Values (volts) =
9.095E-003 7.121E-003 4.957E-003 3.554E-003 2.450E-003 1.720E-003
1.179E-003 9.285E-004 7.288E-004 4.578E-004 2.160E-004 1.518E-005
2.871E-005 1.173E-004 1.519E-004 2.774E-005 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

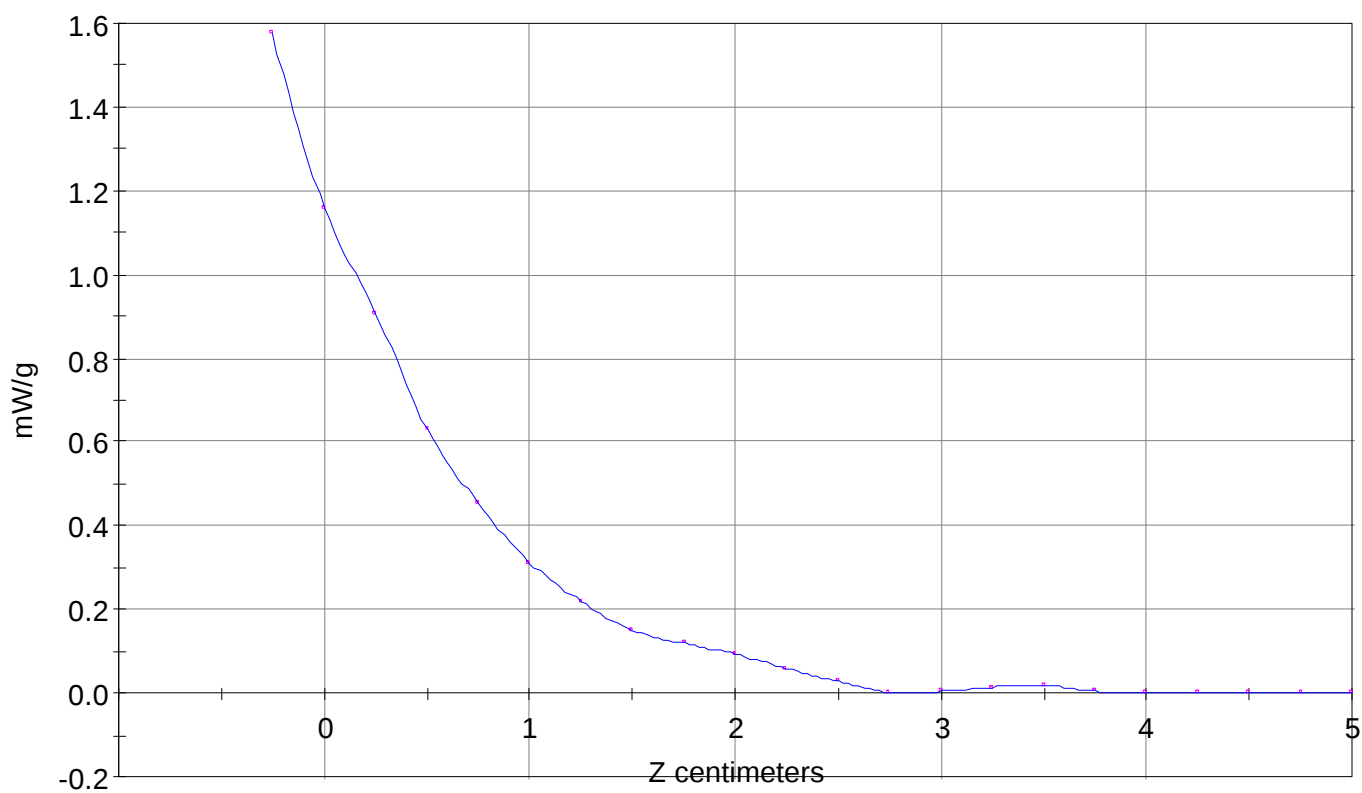
Calc. Voltage @ Surface (Vs) = 0.0123

Voltage @ 1.00 cm (Vt) = 0.0036

Ave. Voltage (Vs+Vt)/2 = 0.0079

Ave. SAR over 1 g (mW/g) = 1.0140

SAR Scan
File : 01041803_ZOOM
Start : 18-Apr-101 10:34:06 am End : 18-Apr-101 10:41:37 am
SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

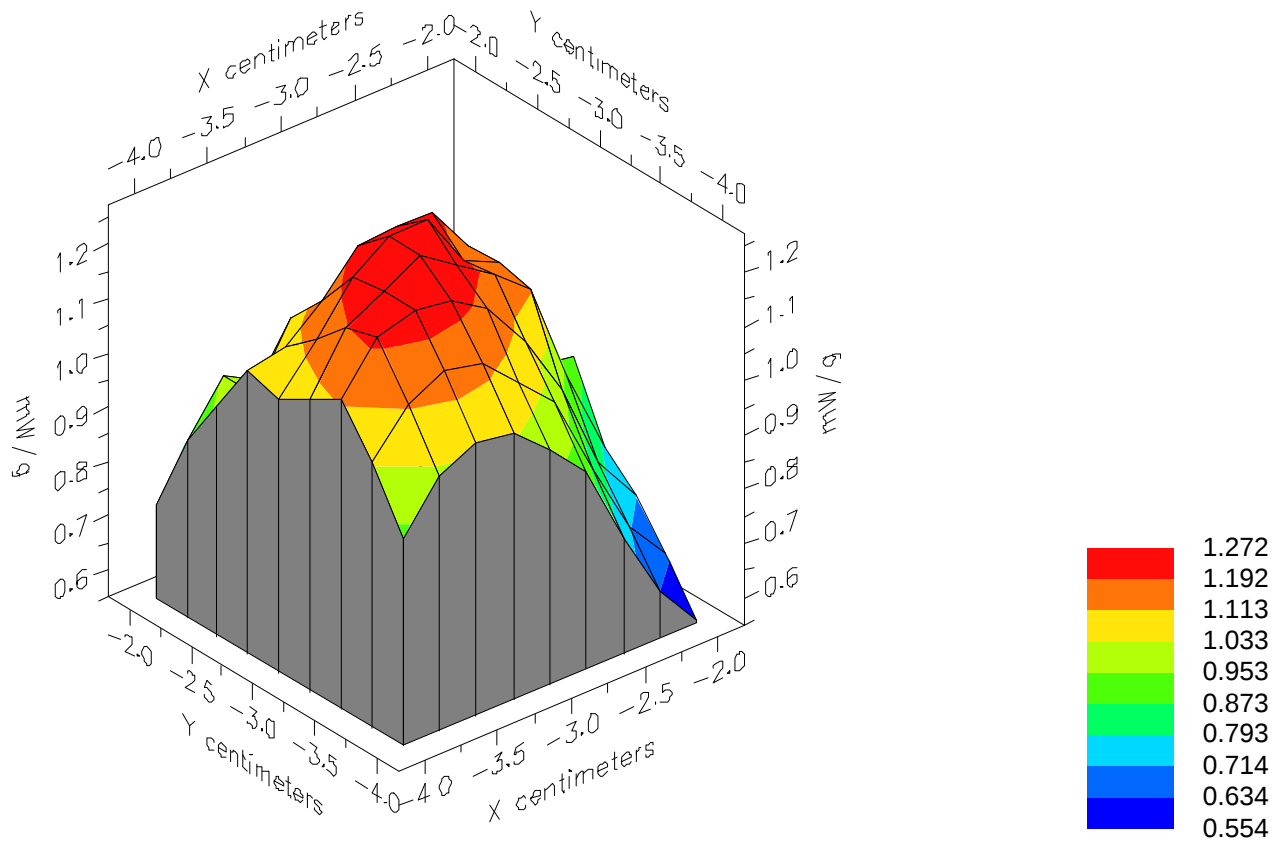


File : 01041803_ZOOM

Start : 18-Apr-101 10:34:06 am End : 18-Apr-101 10:41:37 am

SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

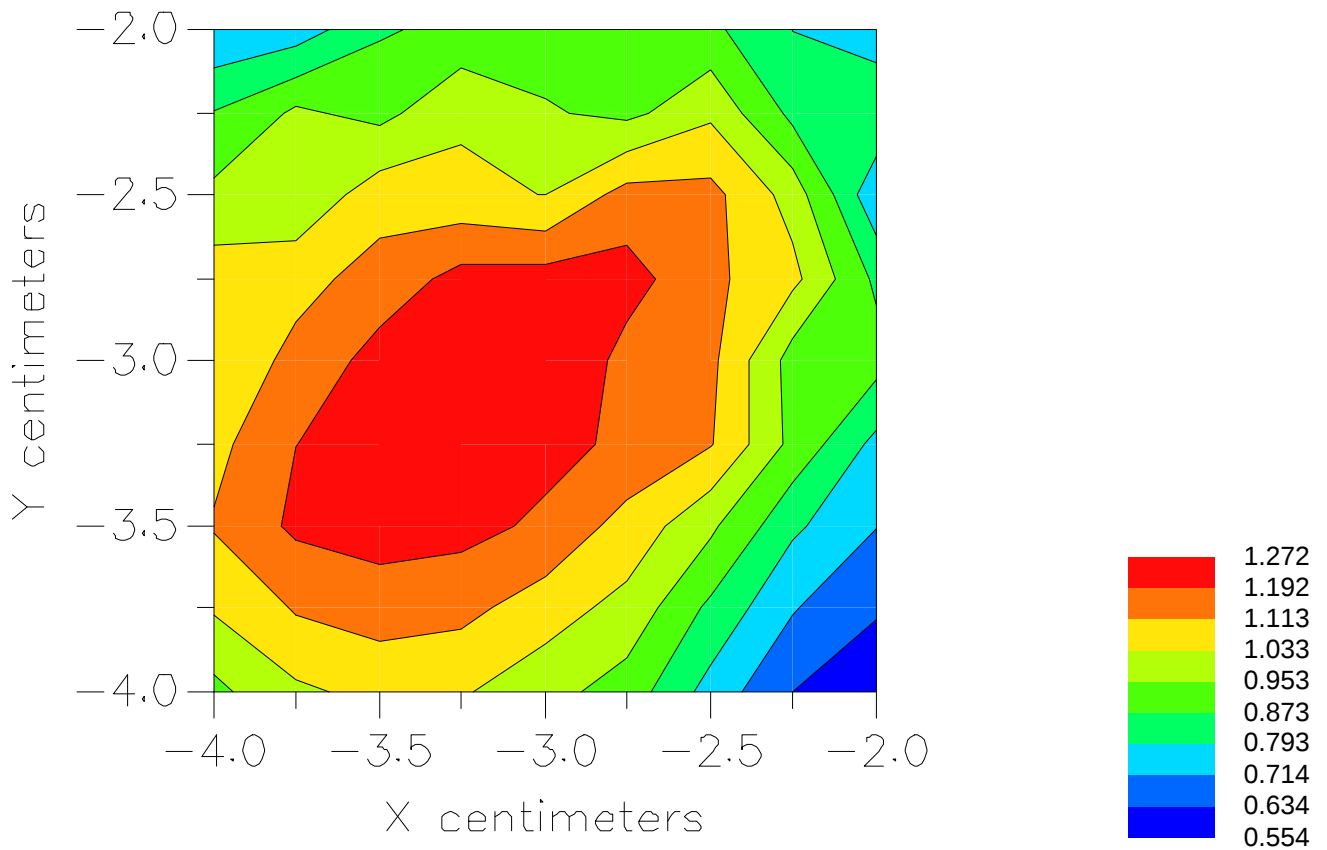


File : 01041803_ZOOM

Start : 18-Apr-101 10:34:06 am End : 18-Apr-101 10:41:37 am

SAMSUNG/SPH-A250/2;1851.25MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041811_ZOOM.VLT
Start : 18-Apr-101 02:46:53 pm End : 18-Apr-101 02:54:24 pm

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG PCS MODE PHONE - BODY SAR
CHAN 0600 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -1.500, Y = -2.500, Z = 0.000 (cm) Value = 9.268

Measured Values (volts) =
8.647E-003 6.207E-003 4.036E-003 2.732E-003 1.945E-003 1.283E-003
7.812E-004 4.581E-004 2.745E-004 1.326E-004 3.731E-005 0.000E+000
0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

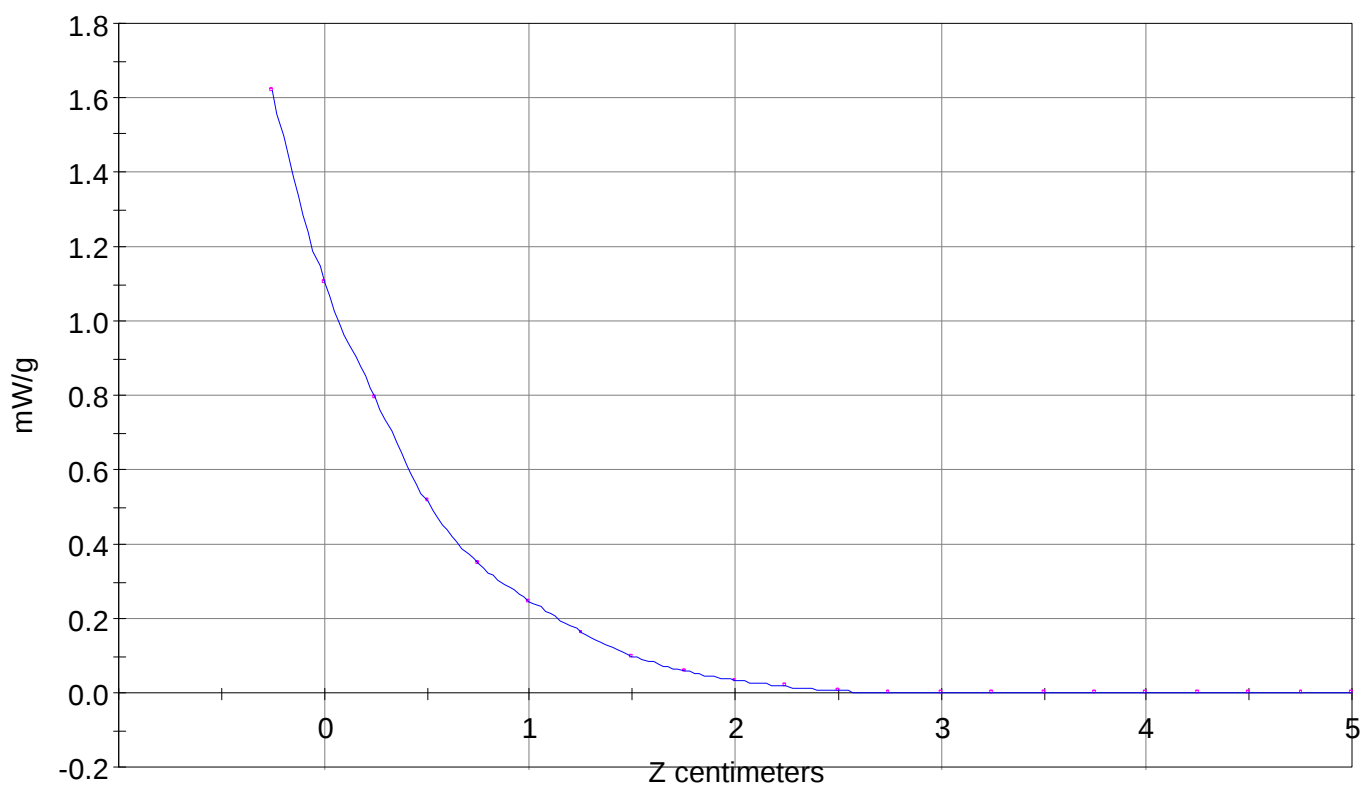
Calc. Voltage @ Surface (Vs) = 0.0127

Voltage @ 1.00 cm (Vt) = 0.0027

Ave. Voltage (Vs+Vt)/2 = 0.0077

Ave. SAR over 1 g (mW/g) = 0.9828

SAR Scan
File : 01041811_ZOOM
Start : 18-Apr-101 02:46:53 pm End : 18-Apr-101 02:54:24 pm
SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

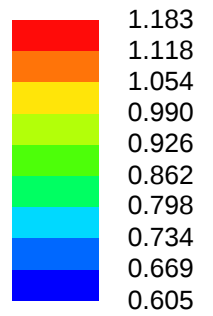
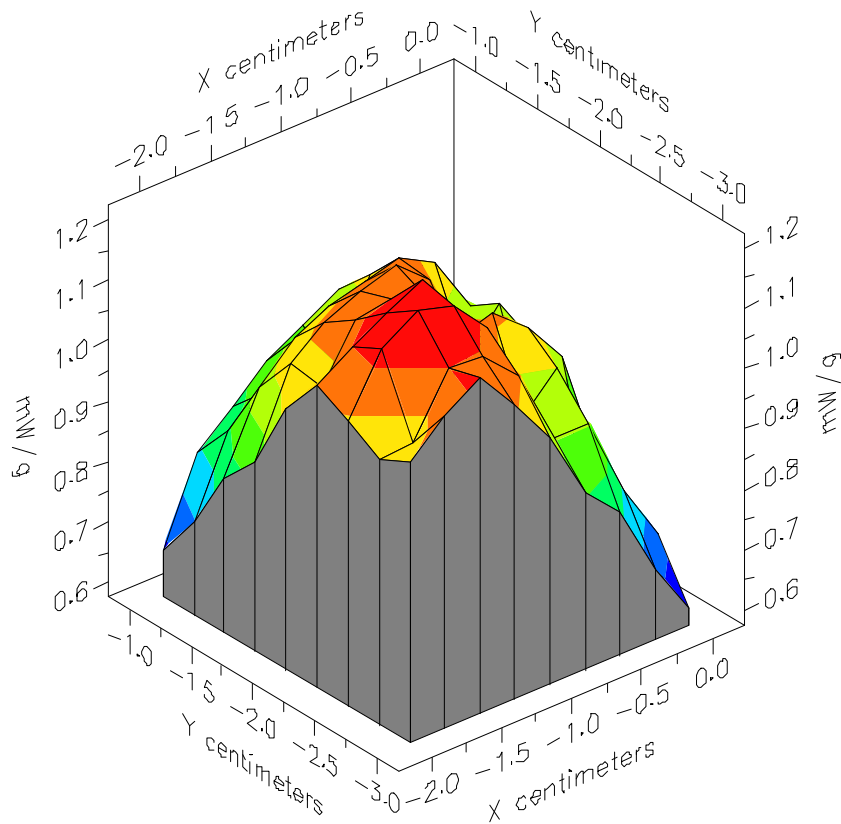


File : 01041811_ZOOM

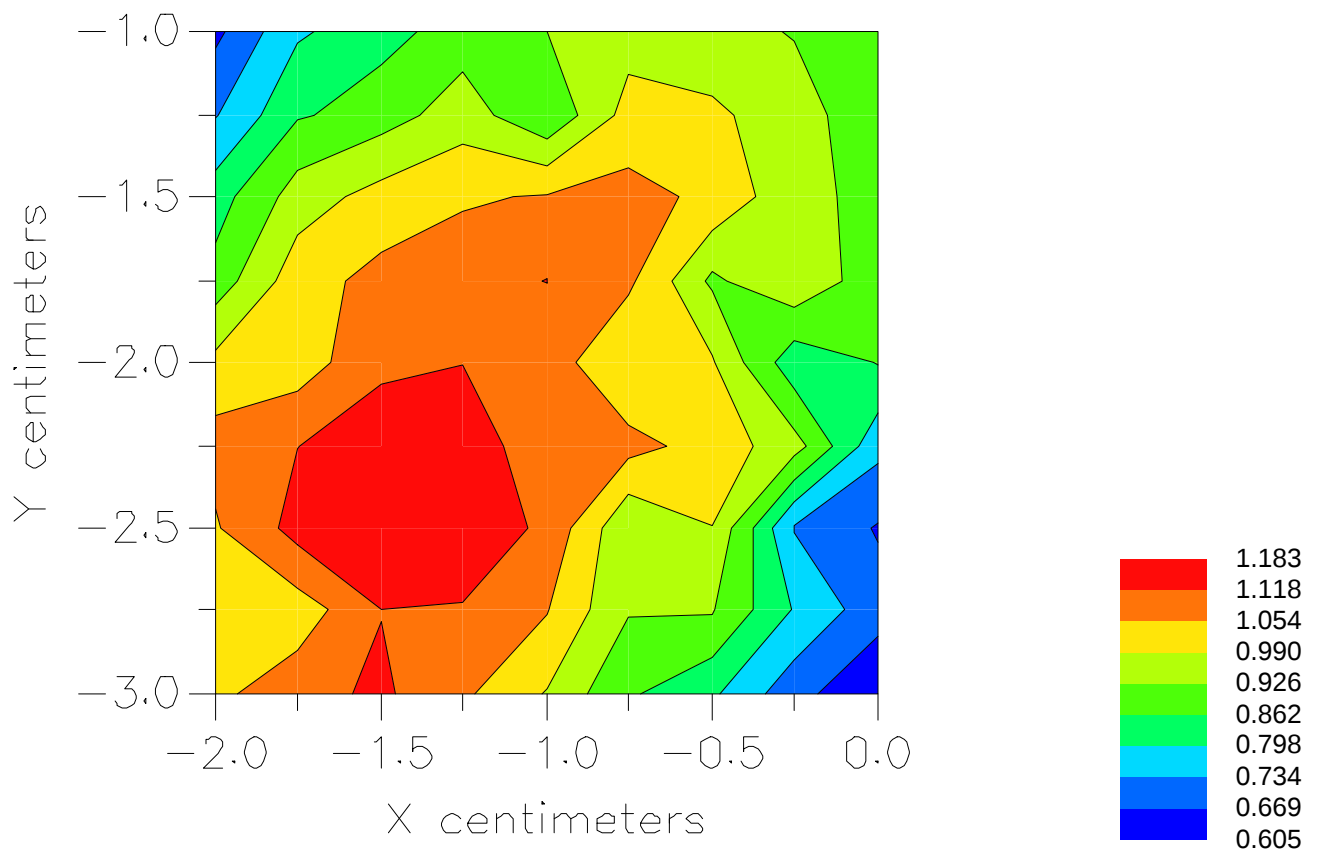
Start : 18-Apr-101 02:46:53 pm End : 18-Apr-101 02:54:24 pm

SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 01041811_ZOOM
Start : 18-Apr-101 02:46:53 pm End : 18-Apr-101 02:54:24 pm
SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041808_ZOOM.VLT
Start : 18-Apr-101 01:45:44 pm End : 18-Apr-101 01:53:16 pm

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG PCS MODE PHONE - BODY SAR
CHAN 0600 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -3.250, Y = -3.250, Z = 0.000 (cm) Value = 7.480

Measured Values (volts) =
7.022E-003 5.140E-003 3.469E-003 2.346E-003 1.639E-003 1.068E-003
7.972E-004 6.267E-004 4.254E-004 2.068E-004 3.342E-005 0.000E+000
2.505E-005 7.170E-005 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

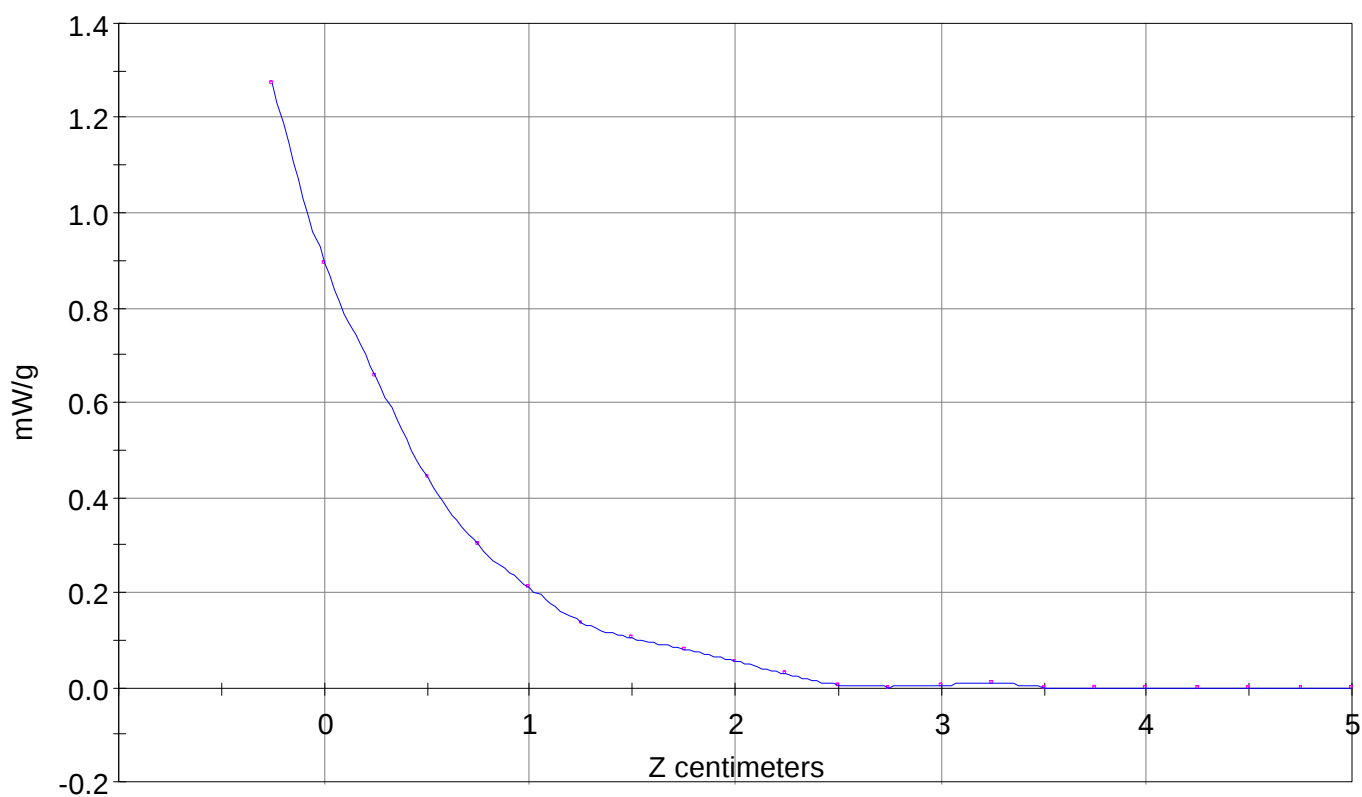
Calc. Voltage @ Surface (Vs) = 0.0100

Voltage @ 1.00 cm (Vt) = 0.0023

Ave. Voltage (Vs+Vt)/2 = 0.0062

Ave. SAR over 1 g (mW/g) = 0.7876

SAR Scan
File : 01041808_ZOOM
Start : 18-Apr-101 01:45:44 pm End : 18-Apr-101 01:53:16 pm
SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

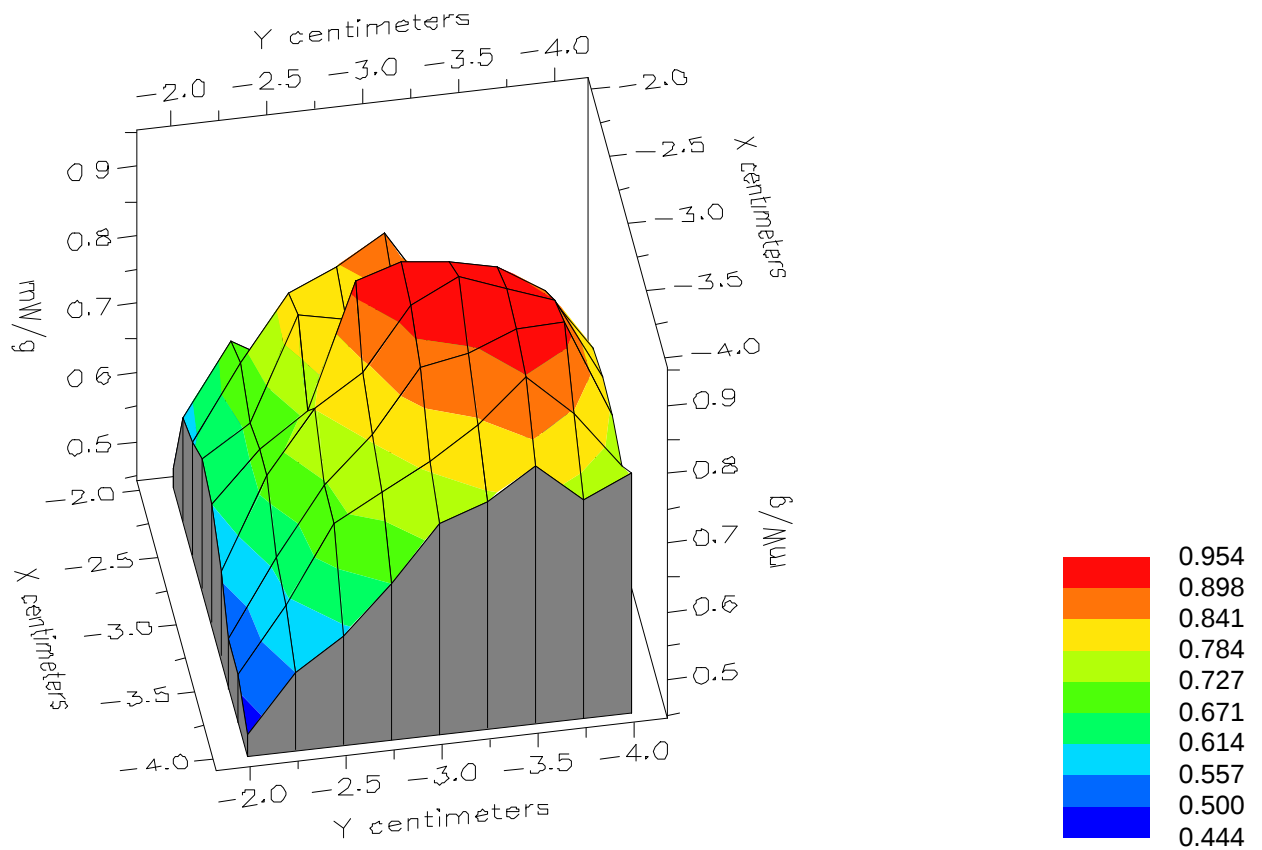


File : 01041808_ZOOM

Start : 18-Apr-101 01:45:44 pm End : 18-Apr-101 01:53:16 pm

SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

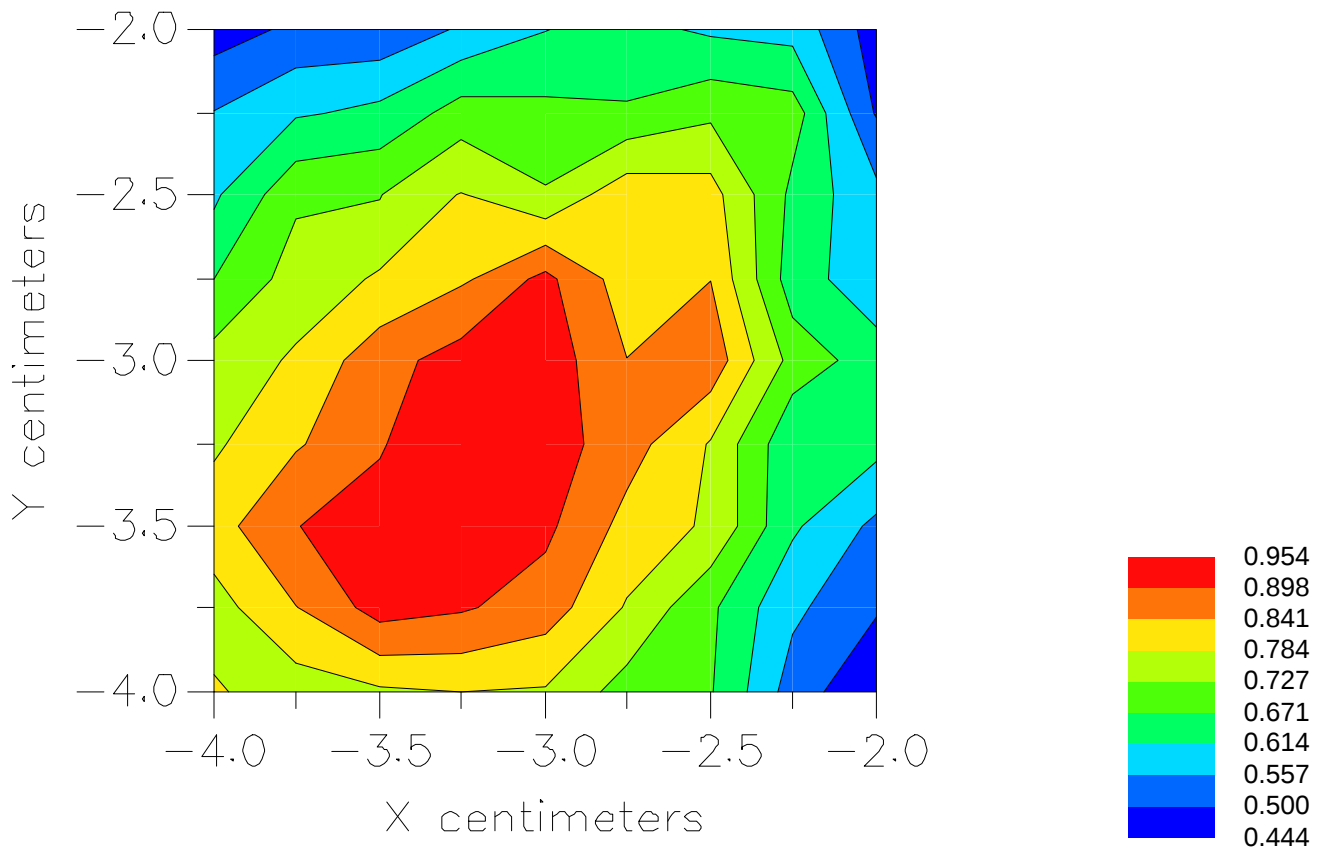


File : 01041808_ZOOM

Start : 18-Apr-101 01:45:44 pm End : 18-Apr-101 01:53:16 pm

SAMSUNG/SPH-A250/2;1880.00MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041806_ZOOM.VLT
Start : 18-Apr-101 11:40:41 am End : 18-Apr-101 11:50:26 am

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG PCS MODE PHONE - BODY SAR
CHAN 1175 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -1.500, Y = -2.500, Z = 0.000 (cm) Value = 10.074

Measured Values (volts) =
9.380E-003 6.537E-003 4.202E-003 2.847E-003 2.002E-003 1.363E-003
8.625E-004 4.629E-004 2.777E-004 1.534E-004 5.211E-005 0.000E+000
0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

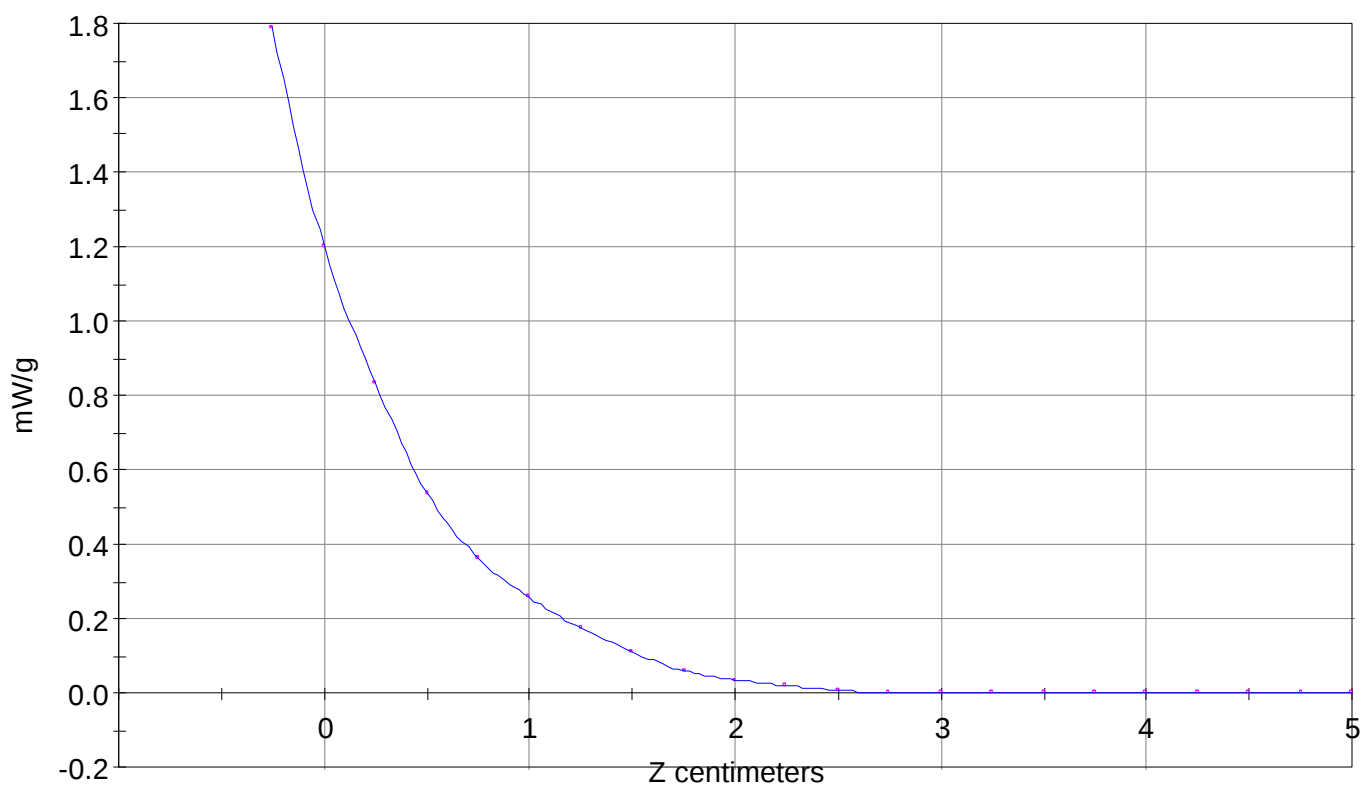
Calc. Voltage @ Surface (Vs) = 0.0140

Voltage @ 1.00 cm (Vt) = 0.0028

Ave. Voltage (Vs+Vt)/2 = 0.0084

Ave. SAR over 1 g (mW/g) = 1.0764

SAR Scan
File : 01041806_ZOOM
Start : 18-Apr-101 11:40:41 am End : 18-Apr-101 11:50:26 am
SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

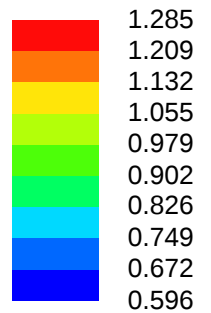
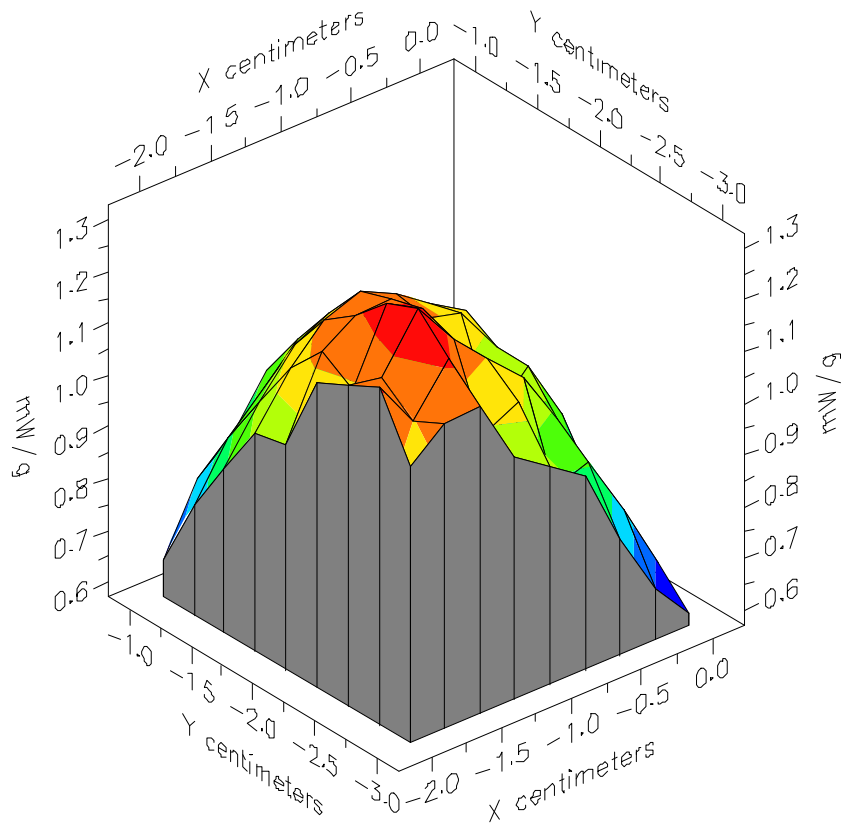


File : 01041806_ZOOM

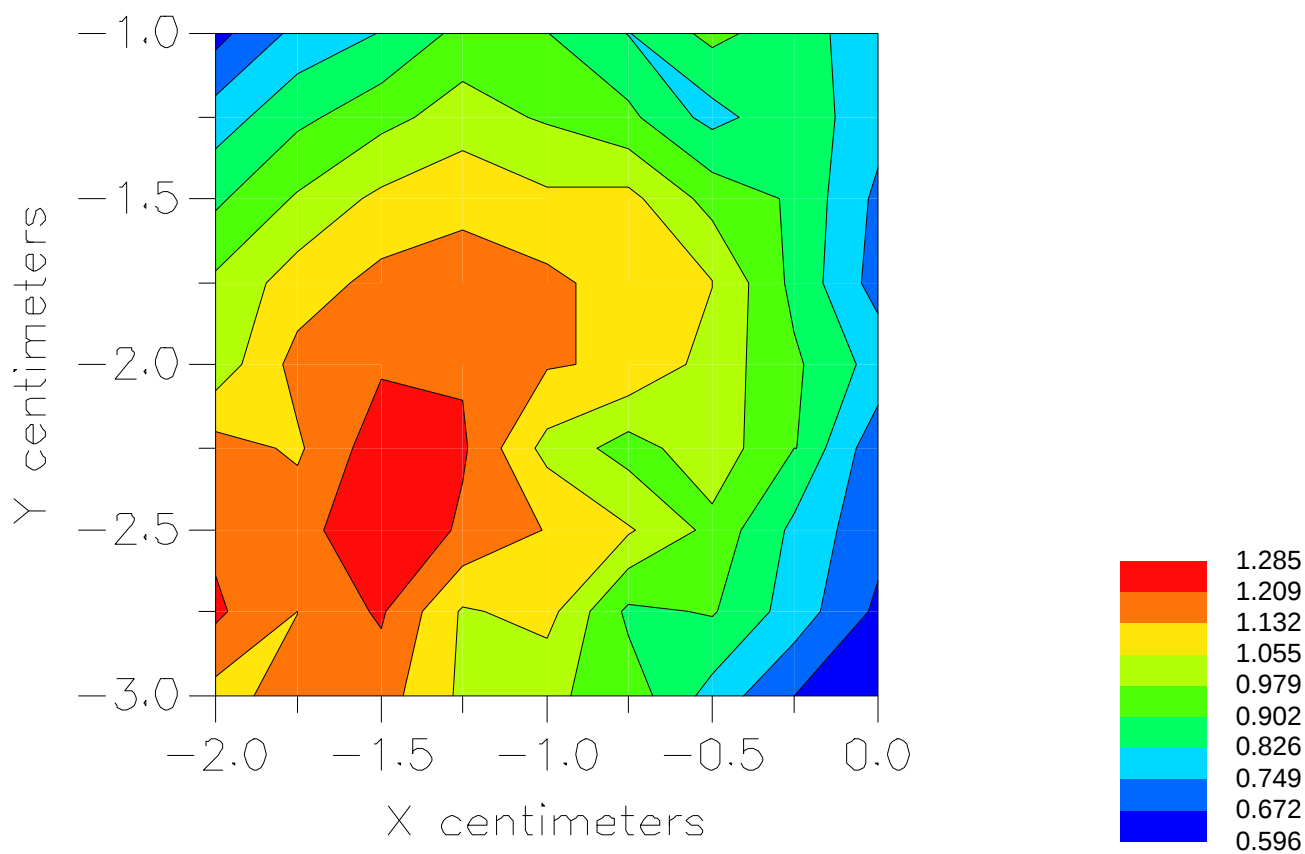
Start : 18-Apr-101 11:40:41 am End : 18-Apr-101 11:50:26 am

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 01041806_ZOOM
Start : 18-Apr-101 11:40:41 am End : 18-Apr-101 11:50:26 am
SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041807_ZOOM.VLT
Start : 18-Apr-101 12:01:39 pm End : 18-Apr-101 12:10:58 pm

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG PCS MODE PHONE - BODY SAR
CHAN 1175 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -2.750, Y = -2.750, Z = 0.000 (cm) Value = 4.499

Measured Values (volts) =
4.364E-003 3.092E-003 2.023E-003 1.423E-003 1.005E-003 6.317E-004
3.343E-004 2.387E-004 1.999E-004 1.361E-004 4.277E-005 0.000E+000
0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

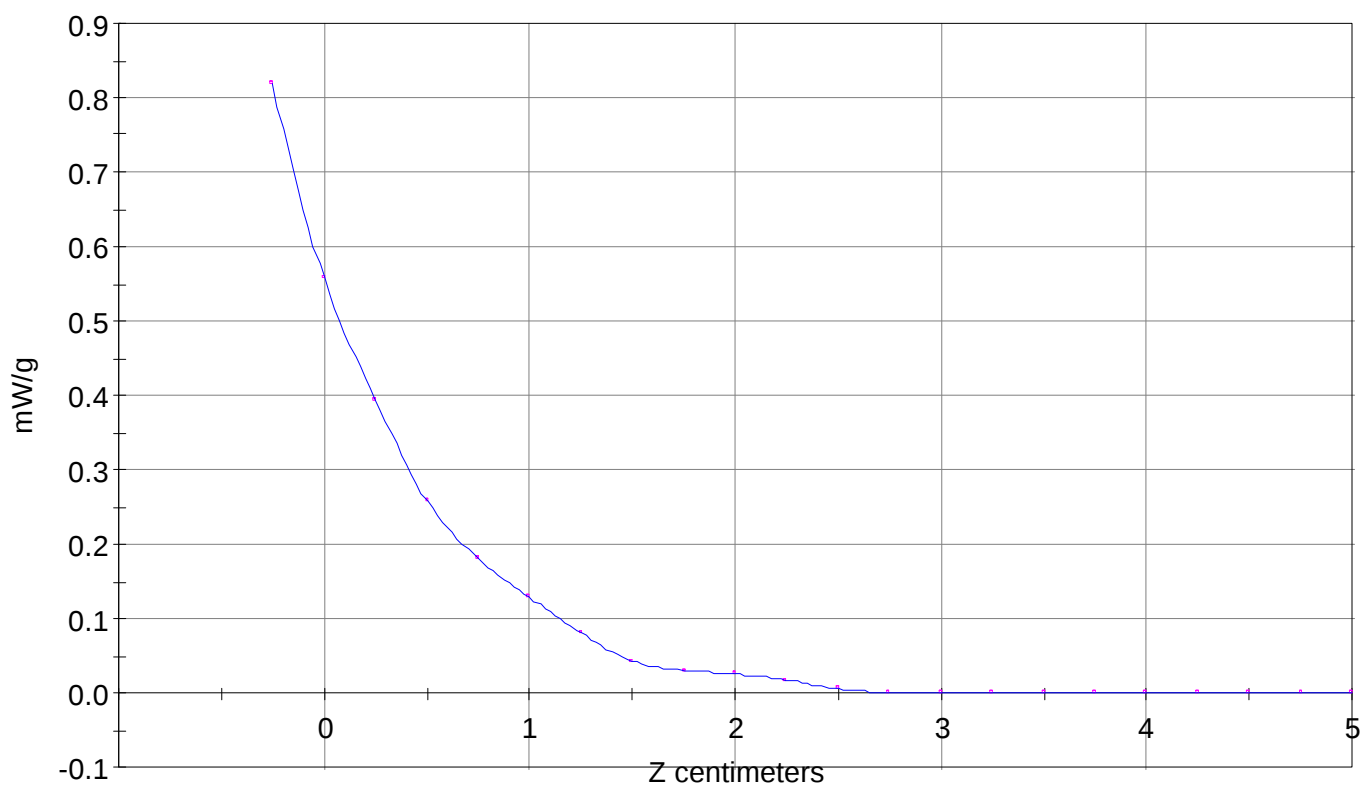
Calc. Voltage @ Surface (Vs) = 0.0064

Voltage @ 1.00 cm (Vt) = 0.0014

Ave. Voltage (Vs+Vt)/2 = 0.0039

Ave. SAR over 1 g (mW/g) = 0.5000

SAR Scan
File : 01041807_ZOOM
Start : 18-Apr-101 12:01:39 pm End : 18-Apr-101 12:10:58 pm
SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

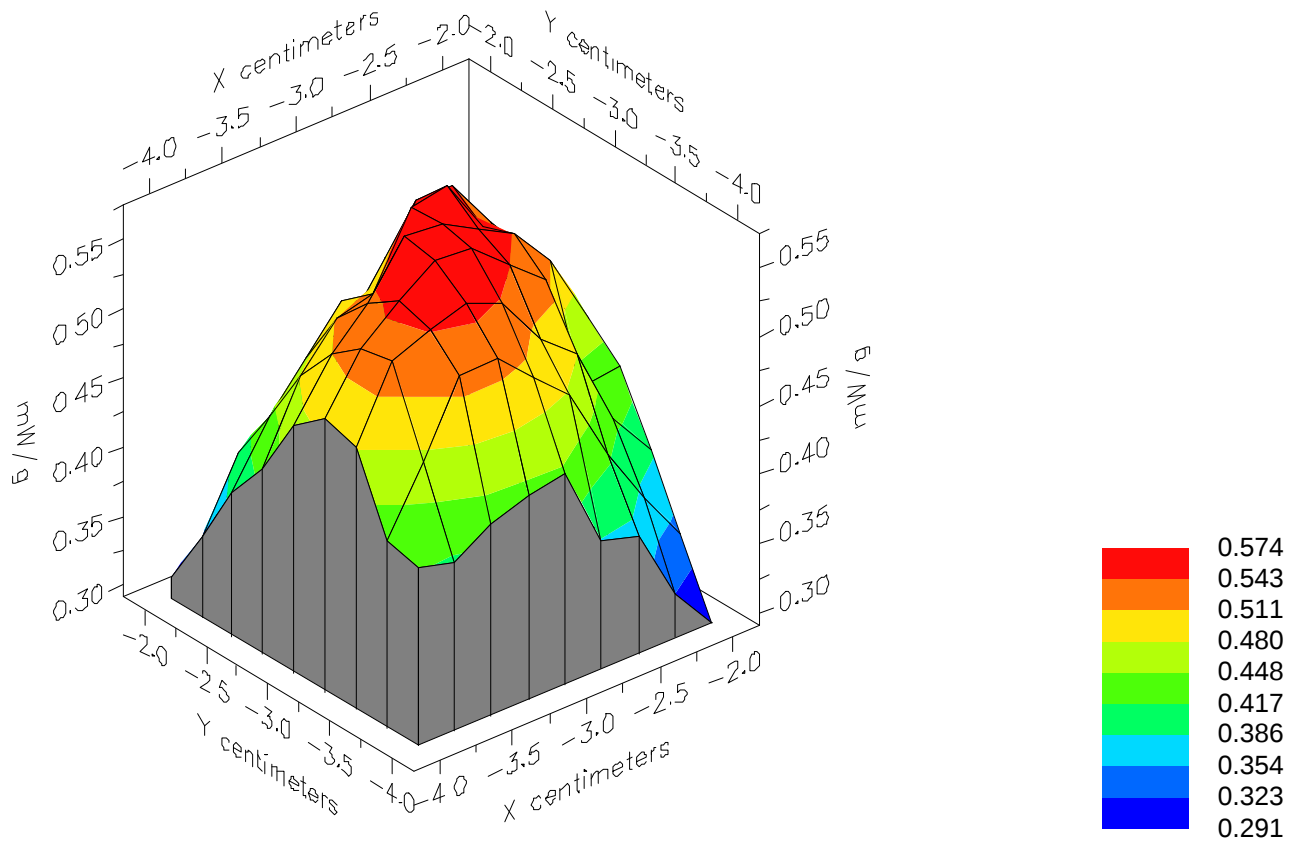


File : 01041807_ZOOM

Start : 18-Apr-101 12:01:39 pm End : 18-Apr-101 12:10:58 pm

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

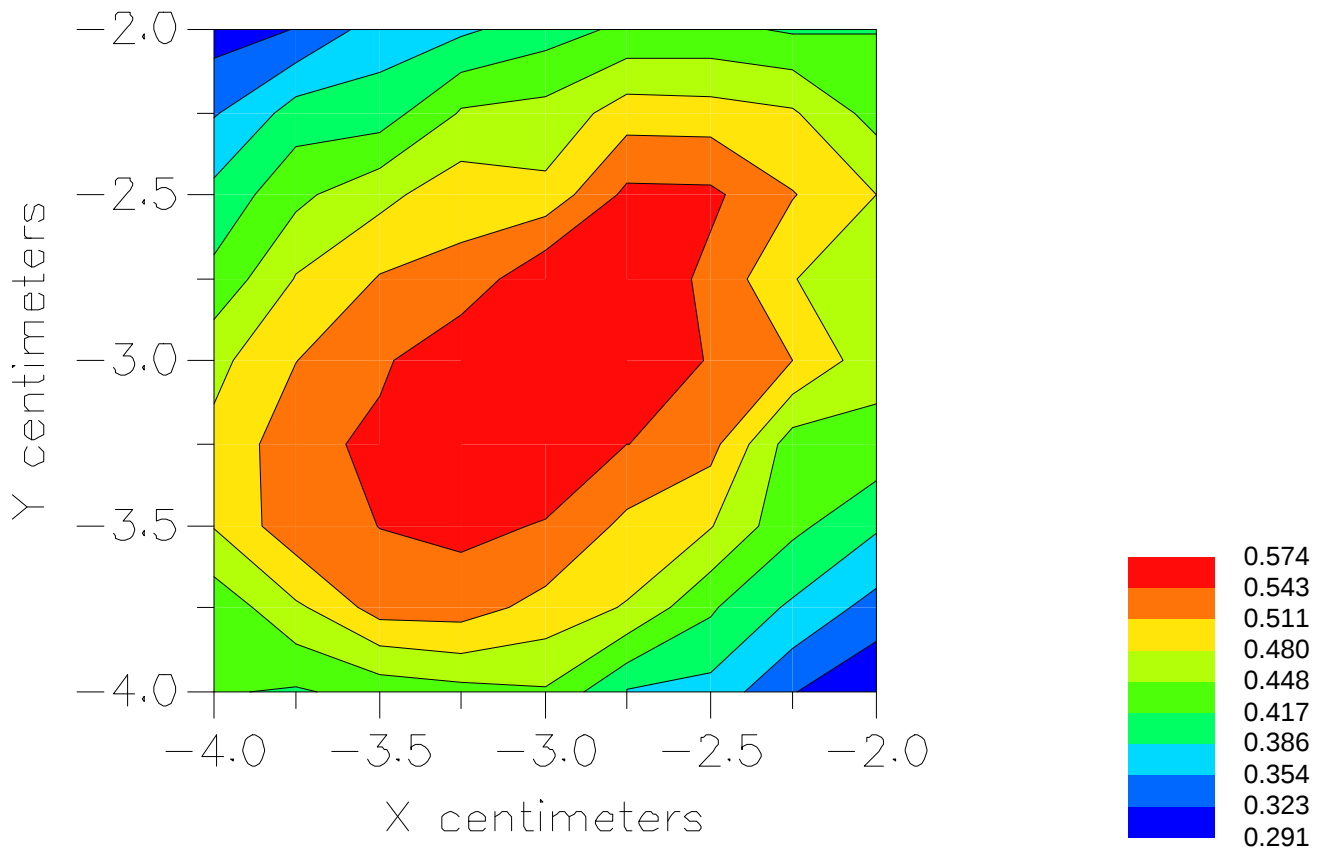


File : 01041807_ZOOM

Start : 18-Apr-101 12:01:39 pm End : 18-Apr-101 12:10:58 pm

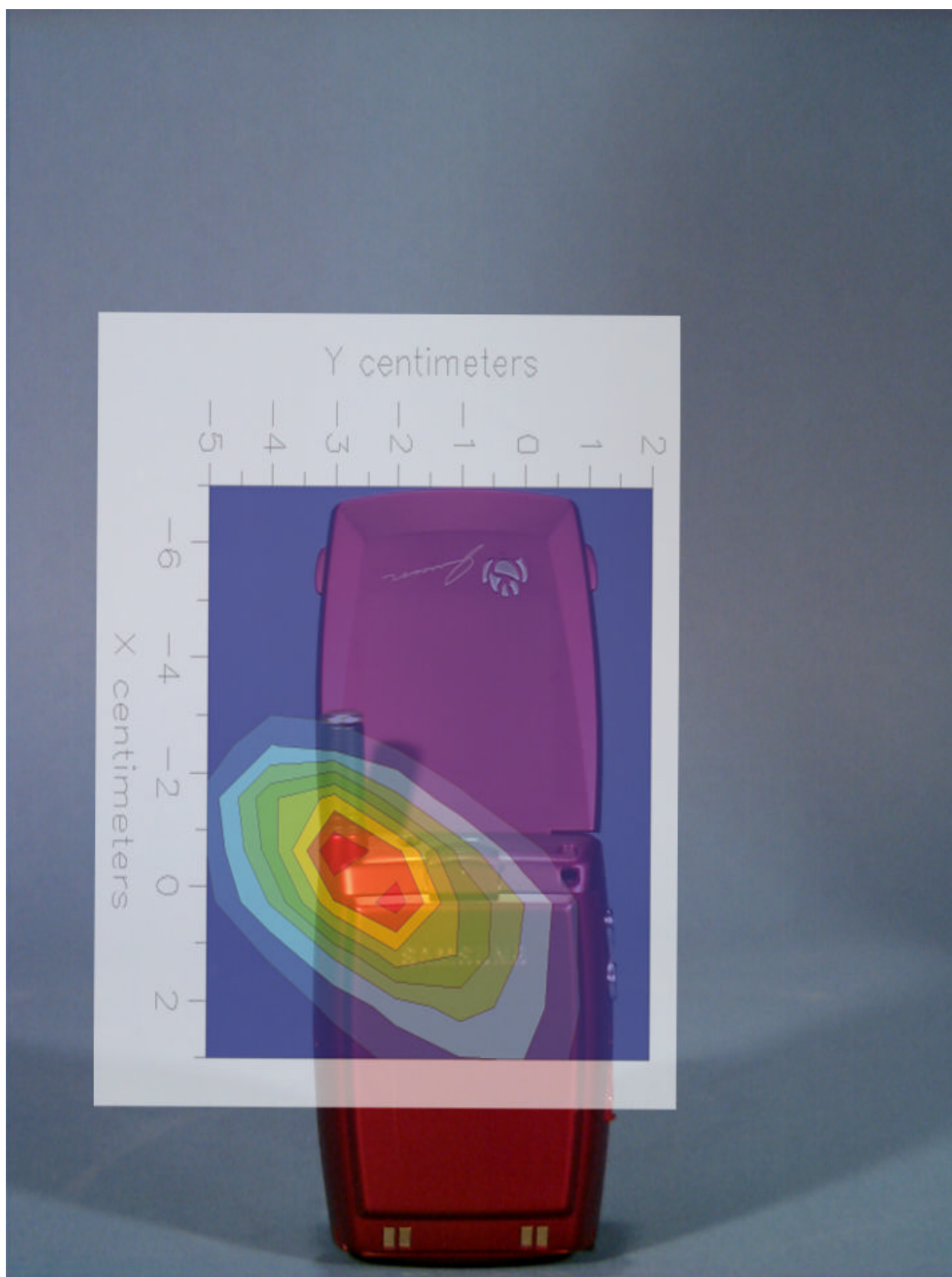
SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



Peak SAR Location

Hand SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041812_SAR.VLT
Start : 18-Apr-101 03:34:10 pm End : 18-Apr-101 03:40:38 pm

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR 10g
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG PCS MODE PHONE - HAND SAR
CHAN 1175 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -0.500, Y = -3.000, Z = 0.000 (cm) Value = 68.180

Ave. SAR over 10 g (mW/g) = 2.7686

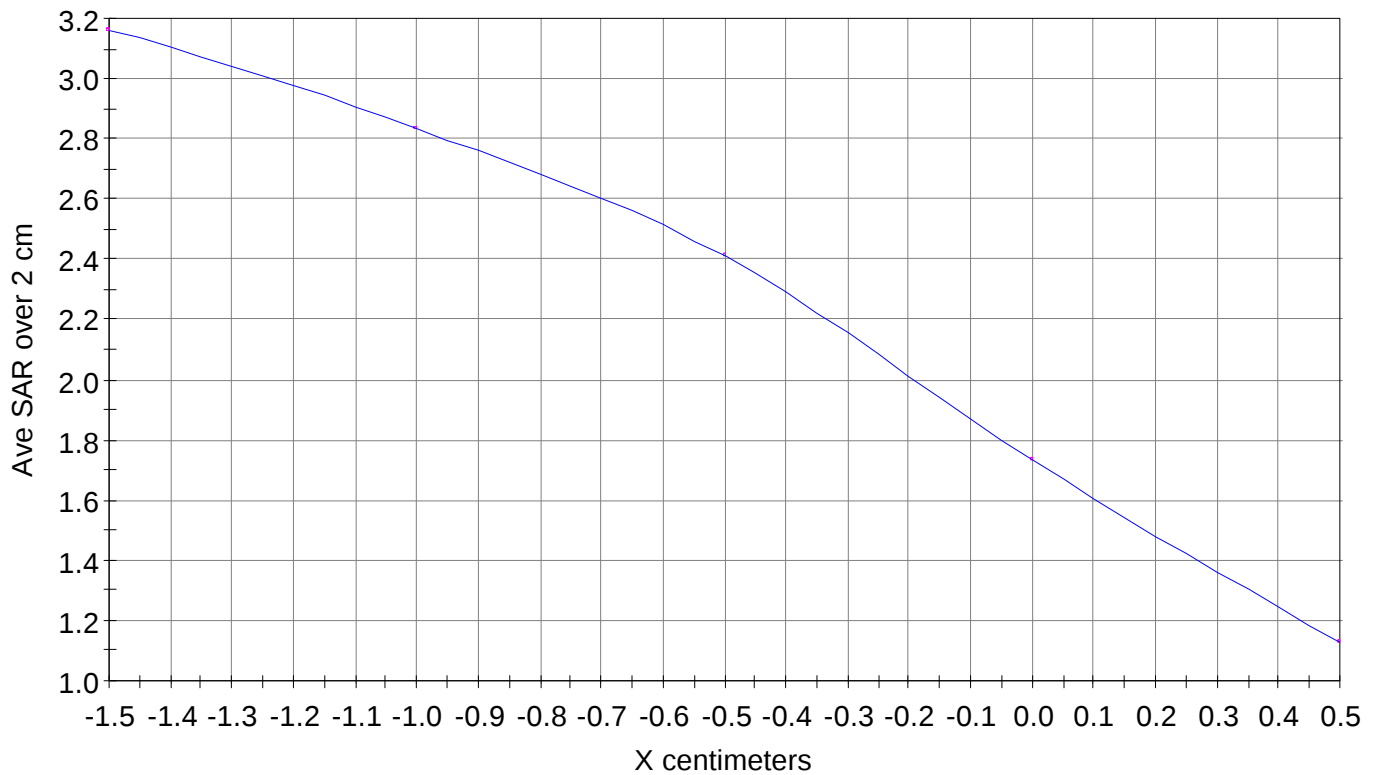
X-Z Plane Slice Y=-3.000

File : 01041812_SAR

Start : 18-Apr-101 03:34:10 pm End : 18-Apr-101 03:40:38 pm

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

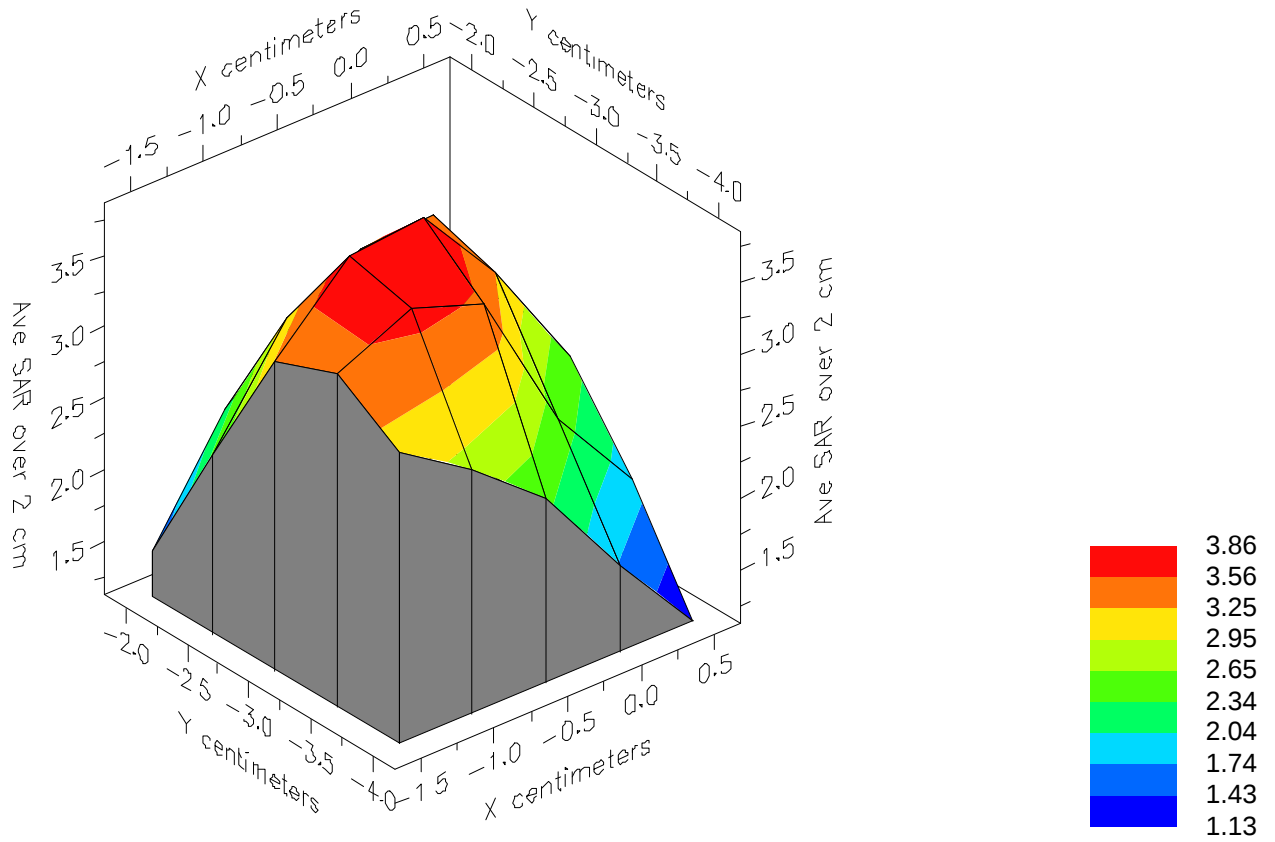


File : 01041812_SAR

Start : 18-Apr-101 03:34:10 pm End : 18-Apr-101 03:40:38 pm

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

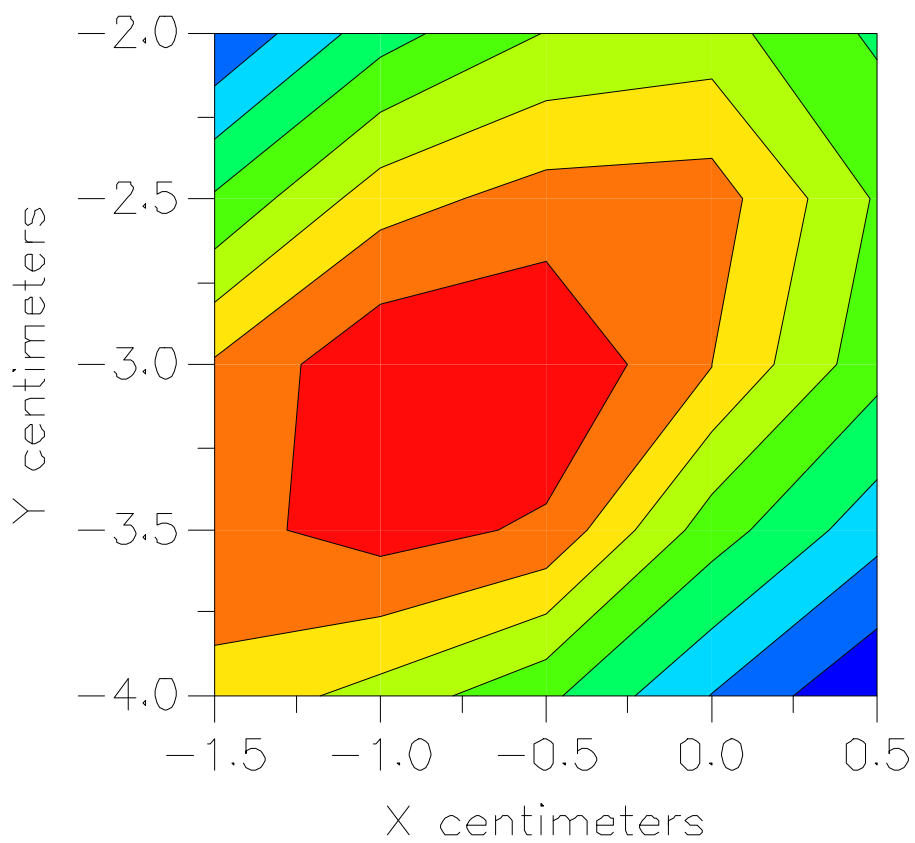


File : 01041812_SAR

Start : 18-Apr-101 03:34:10 pm End : 18-Apr-101 03:40:38 pm

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01041813_SAR.VLT
Start : 18-Apr-101 04:00:06 pm End : 18-Apr-101 04:06:36 pm

Radio Type : SAMSUNG
Model Number : SPH-A250
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR 10g
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG PCS MODE PHONE - HAND SAR
CHAN 1175 Conducted 24.0 dBm
SAMSUNG PCS MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -2.750, Y = -3.750, Z = 0.000 (cm) Value = 50.315

Ave. SAR over 10 g (mW/g) = 1.9115

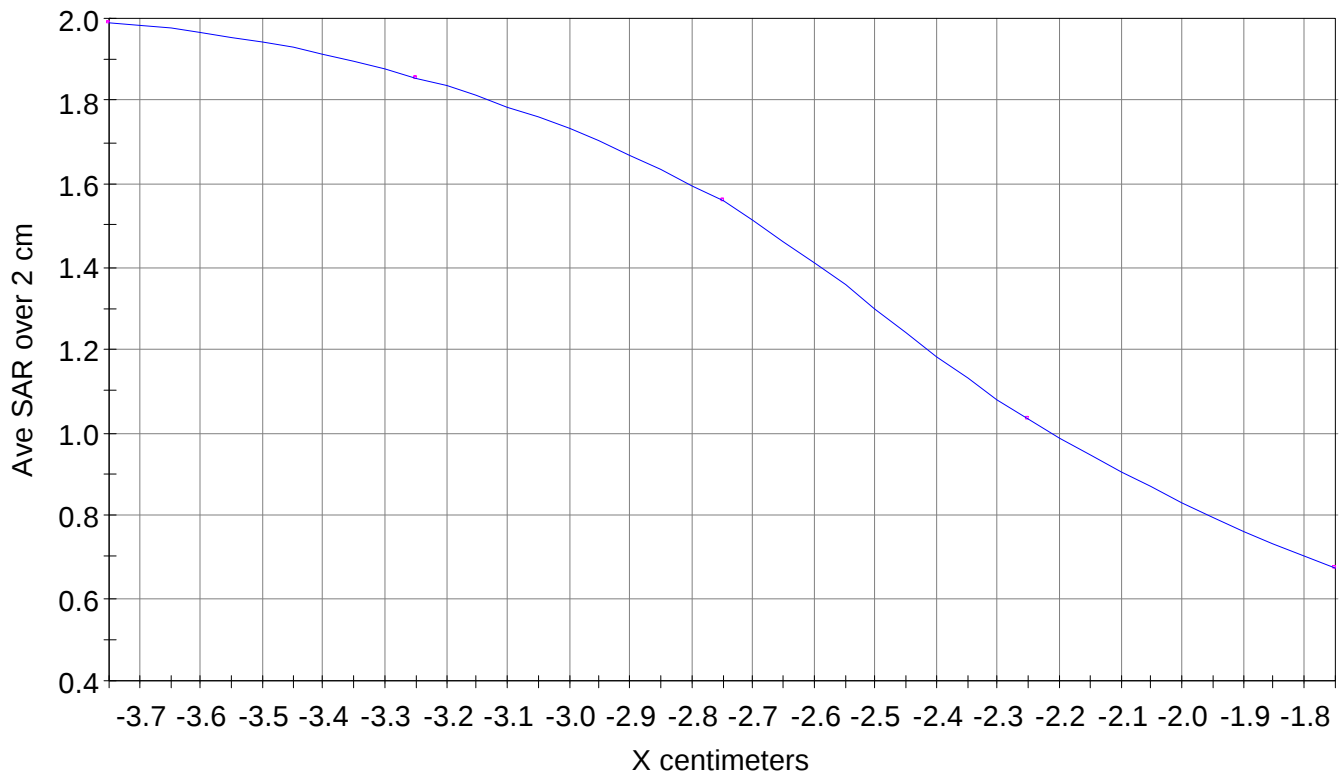
X-Z Plane Slice Y=-3.750

File : 01041813_SAR

Start : 18-Apr-101 04:00:06 pm End : 18-Apr-101 04:06:36 pm

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

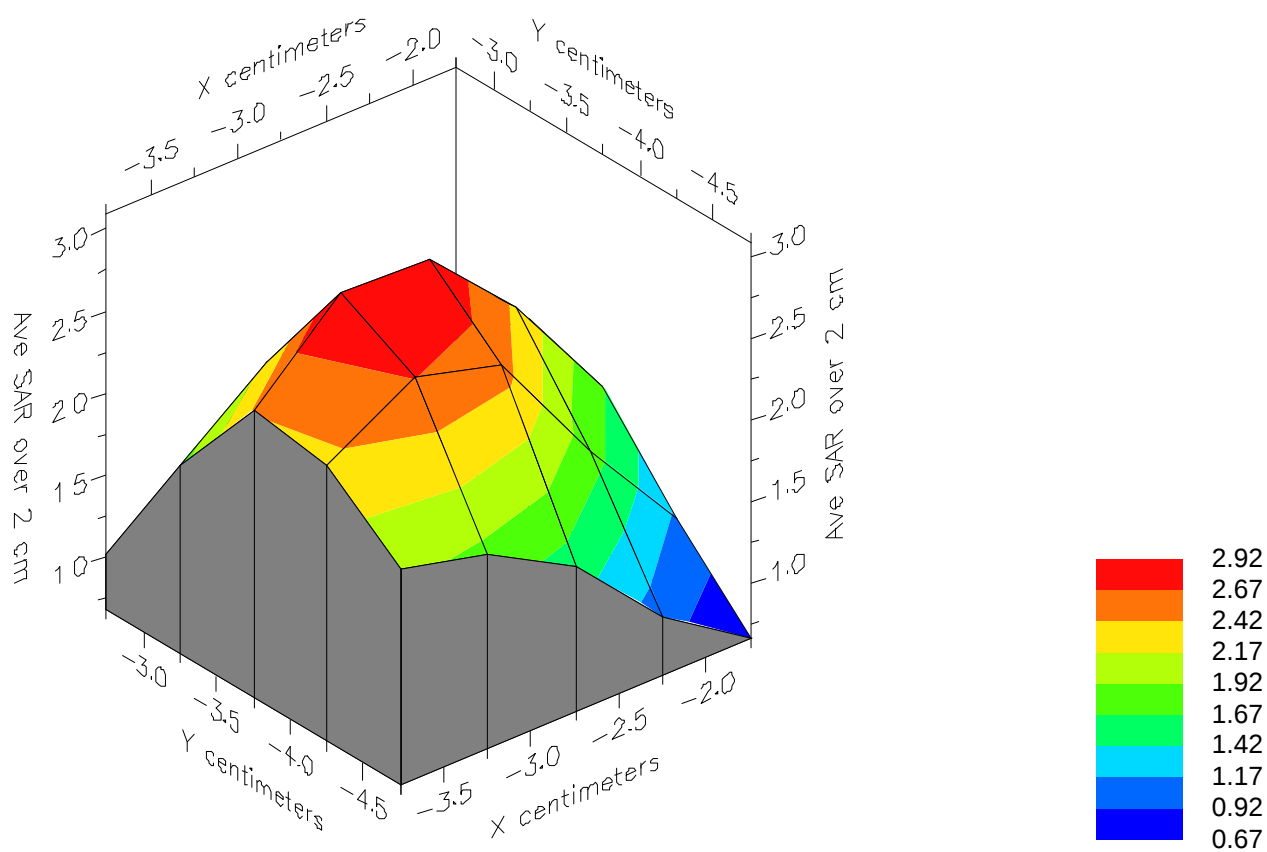


File : 01041813_SAR

Start : 18-Apr-101 04:00:06 pm End : 18-Apr-101 04:06:36 pm

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 01041813_SAR

Start : 18-Apr-101 04:00:06 pm End : 18-Apr-101 04:06:36 pm

SAMSUNG/SPH-A250/2;1908.75MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

