

ATTACHMENT O – SAR TEST DATA

Peak SAR Location

Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052521_ZOOM.VLT
Start : 25-May-101 02:33:43 pm End : 25-May-101 02:45:27 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 41.500
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 1013 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - HEAD SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.750, Y = -2.750, Z = 0.000 (cm) Value = 18.251

Measured Values (volts) =
1.802E-002 1.601E-002 1.437E-002 1.291E-002 1.182E-002 1.065E-002
9.603E-003 8.327E-003 7.171E-003 5.833E-003 4.735E-003 3.749E-003
3.041E-003 2.508E-003 2.319E-003 2.326E-003 2.483E-003 2.645E-003
2.713E-003 2.553E-003 2.089E-003

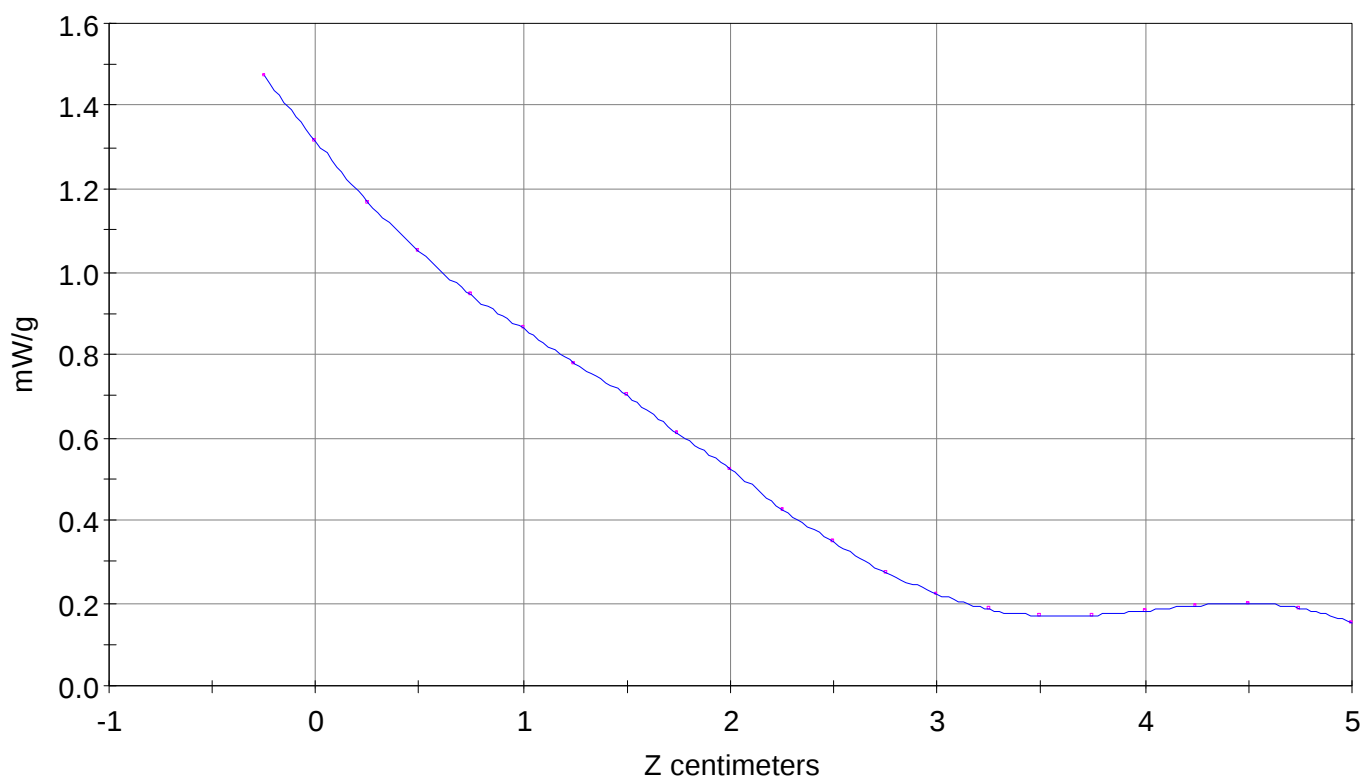
Calc. Voltage @ Surface (Vs) = 0.0202

Voltage @ 1.00 cm (Vt) = 0.0129

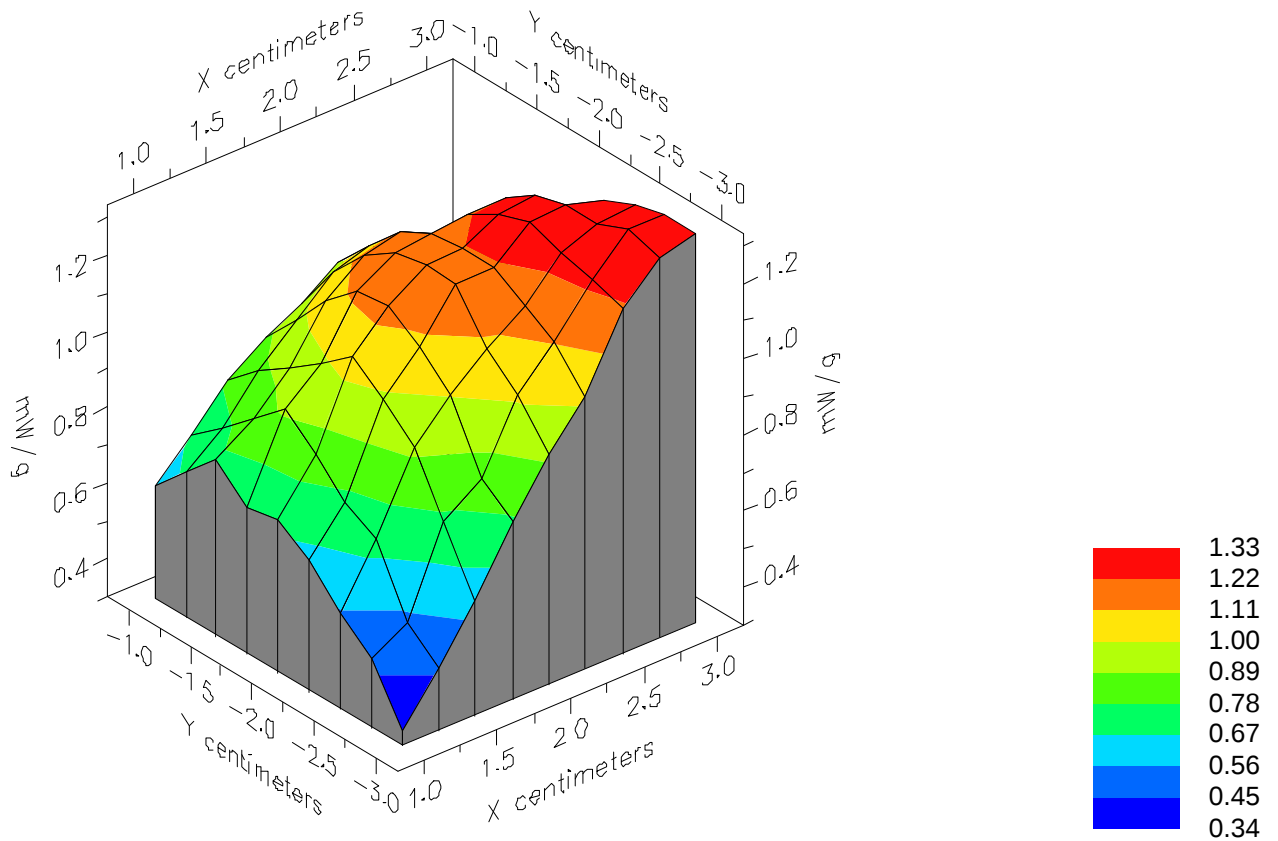
Ave. Voltage (Vs+Vt)/2 = 0.0165

Ave. SAR over 1 g (mW/g) = 1.2073

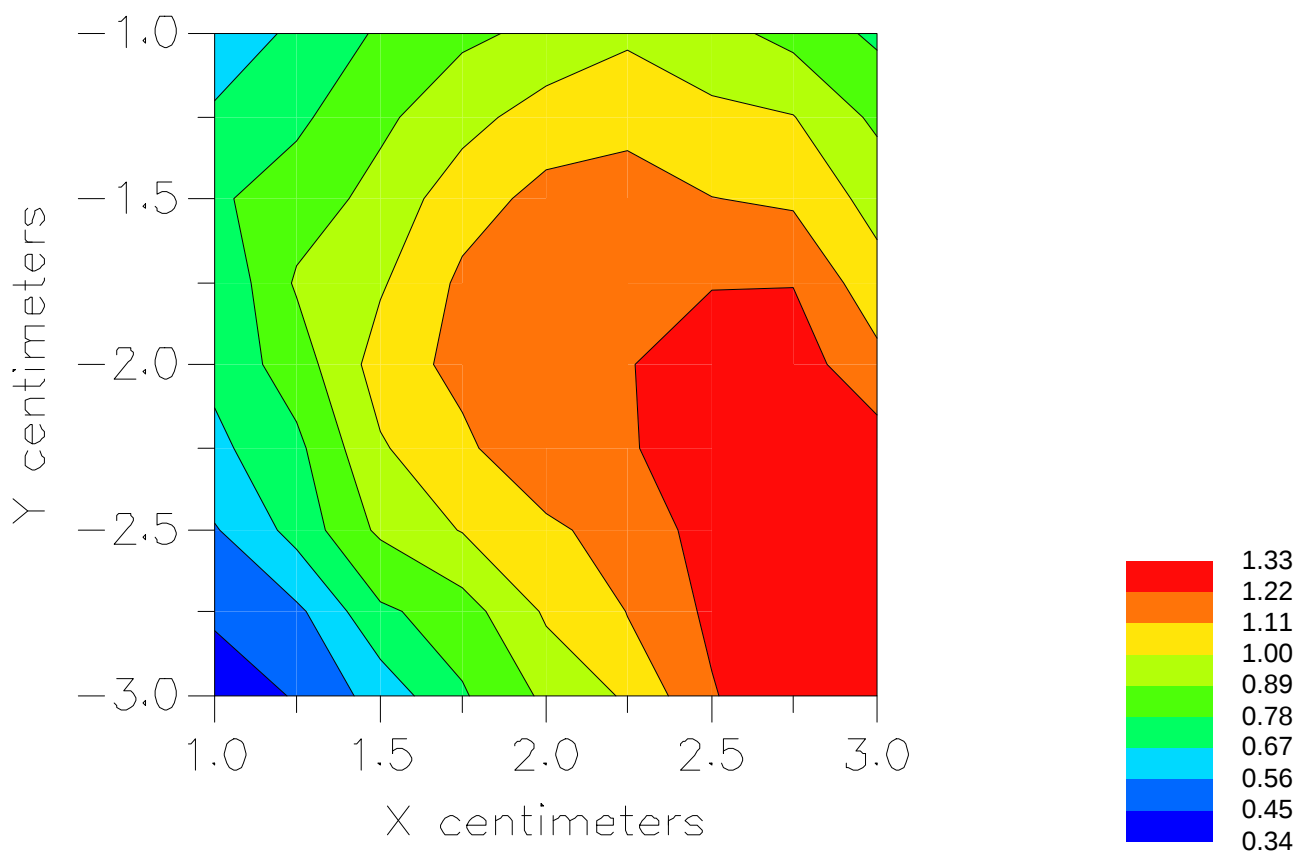
SAR Scan
File : 01052521_ZOOM
Start : 25-May-101 02:33:43 pm End : 25-May-101 02:45:27 pm
LGE/CU100/1;824.70MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052521_ZOOM
Start : 25-May-101 02:33:43 pm End : 25-May-101 02:45:27 pm
LGE/CU100/1;824.70MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052521_ZOOM
Start : 25-May-101 02:33:43 pm End : 25-May-101 02:45:27 pm
LGE/CU100/1;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052523_ZOOM.VLT
Start : 25-May-101 02:52:59 pm End : 25-May-101 03:04:08 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 41.500
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 1013 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - HEAD SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 3.000, Y = -2.750, Z = 0.000 (cm) Value = 18.754

Measured Values (volts) =
1.859E-002 1.667E-002 1.496E-002 1.332E-002 1.211E-002 1.068E-002
9.505E-003 8.056E-003 6.770E-003 5.384E-003 4.362E-003 3.423E-003
2.837E-003 2.508E-003 2.379E-003 2.493E-003 2.603E-003 2.737E-003
2.717E-003 2.417E-003 1.753E-003

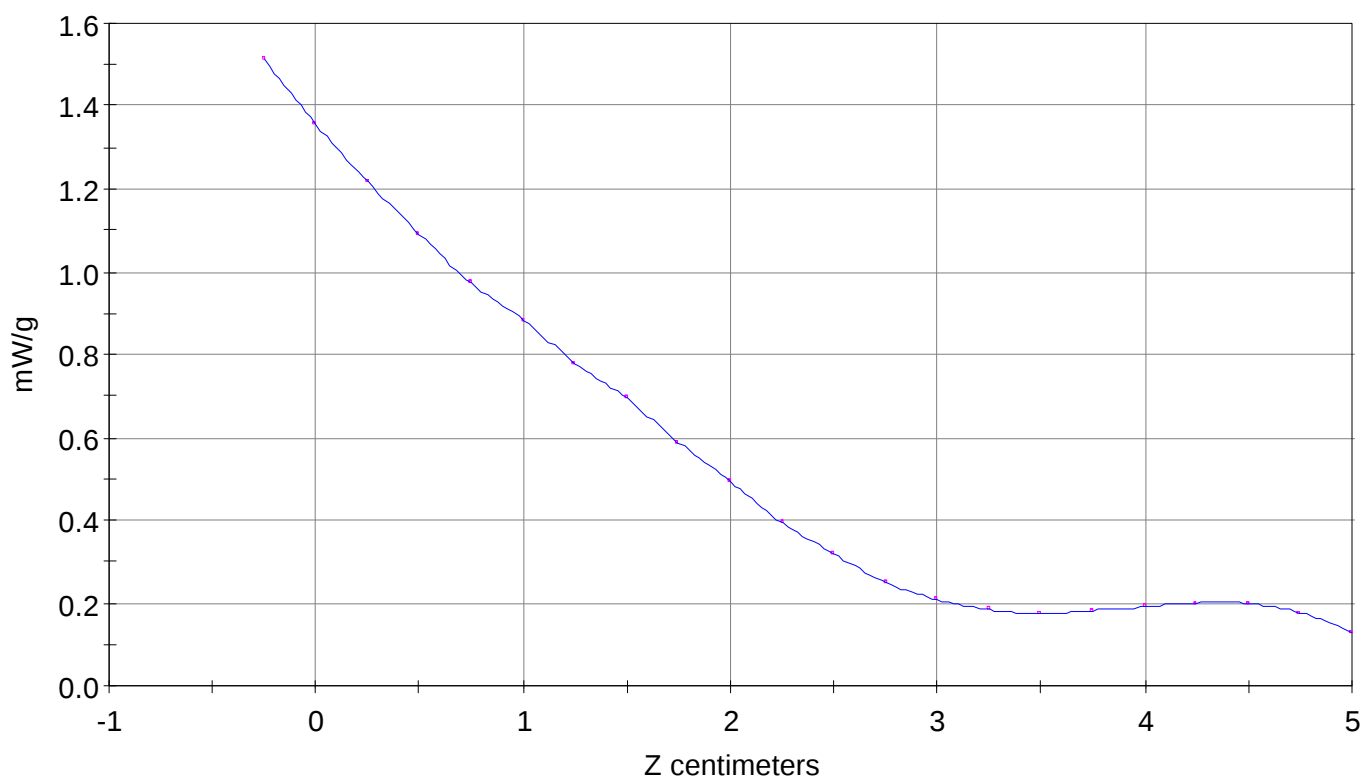
Calc. Voltage @ Surface (Vs) = 0.0207

Voltage @ 1.00 cm (Vt) = 0.0133

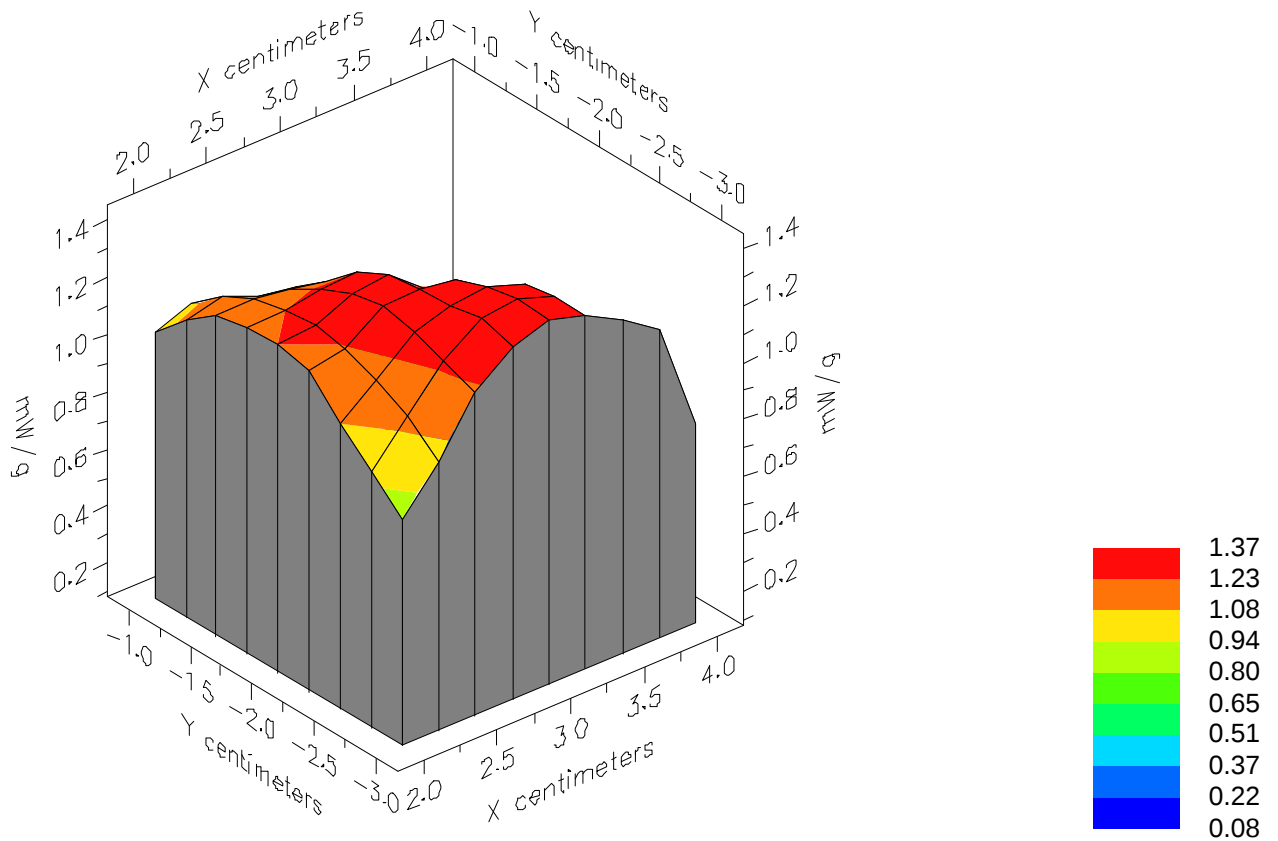
Ave. Voltage (Vs+Vt)/2 = 0.0170

Ave. SAR over 1 g (mW/g) = 1.2421

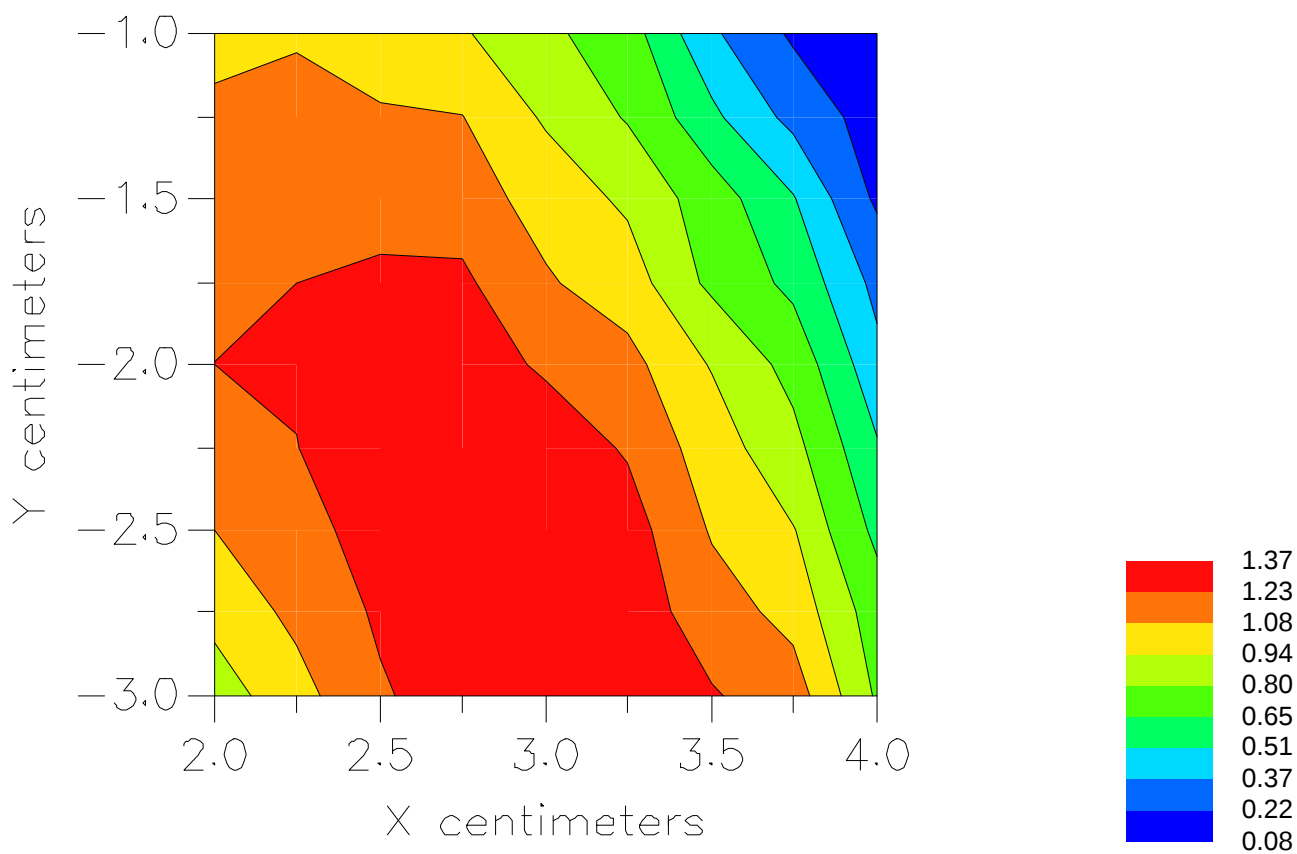
SAR Scan
File : 01052523_ZOOM
Start : 25-May-101 02:52:59 pm End : 25-May-101 03:04:08 pm
LGE/CU100/1;824.70MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052523_ZOOM
Start : 25-May-101 02:52:59 pm End : 25-May-101 03:04:08 pm
LGE/CU100/1;824.70MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052523_ZOOM
Start : 25-May-101 02:52:59 pm End : 25-May-101 03:04:08 pm
LGE/CU100/1;824.70MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052316_ZOOM.VLT
Start : 23-May-101 05:26:22 pm End : 23-May-101 05:35:56 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 41.500
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 363 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - HEAD SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 3.250, Y = -2.750, Z = 0.000 (cm) Value = 17.156

Measured Values (volts) =
1.714E-002 1.467E-002 1.286E-002 1.140E-002 1.017E-002 9.102E-003
7.914E-003 6.715E-003 5.359E-003 4.180E-003 3.090E-003 2.195E-003
1.586E-003 1.145E-003 8.430E-004 7.656E-004 8.641E-004 9.796E-004
1.014E-003 9.230E-004 5.153E-004

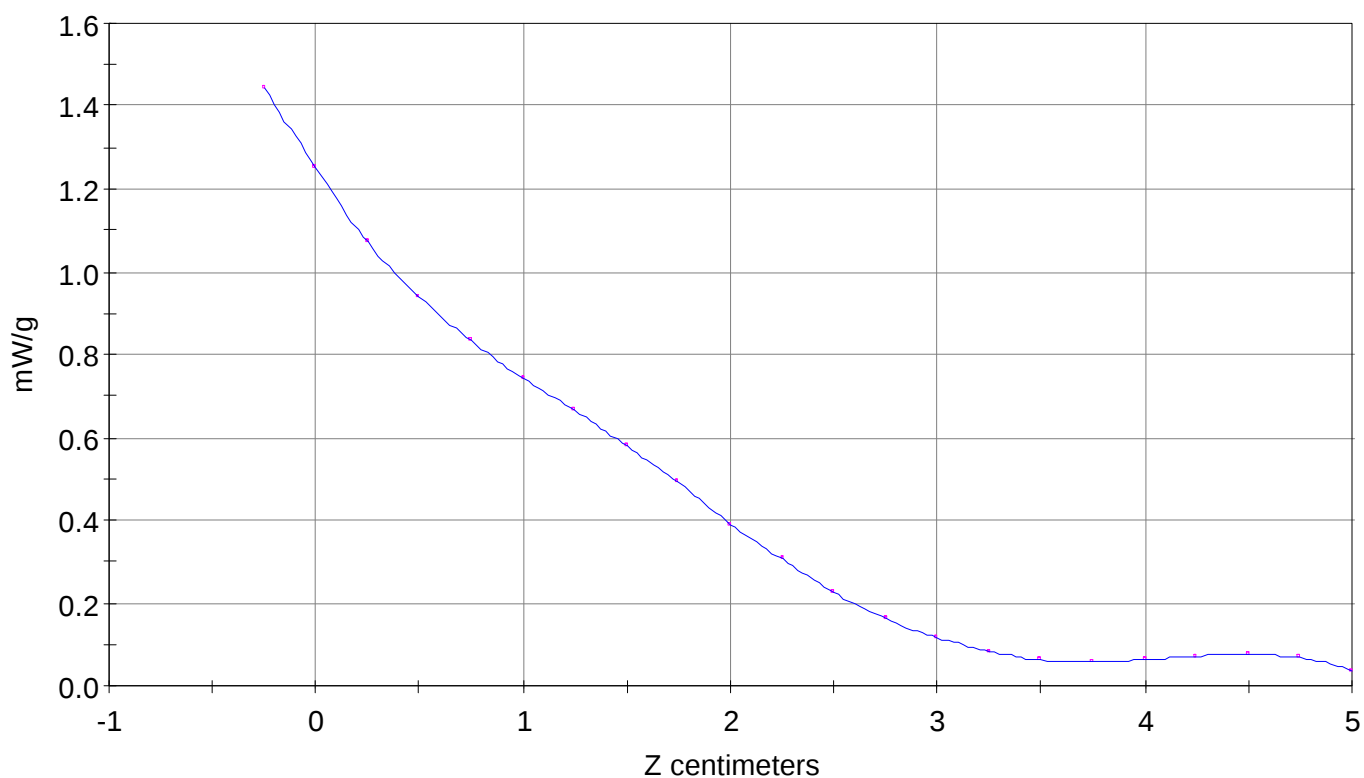
Calc. Voltage @ Surface (Vs) = 0.0198

Voltage @ 1.00 cm (Vt) = 0.0114

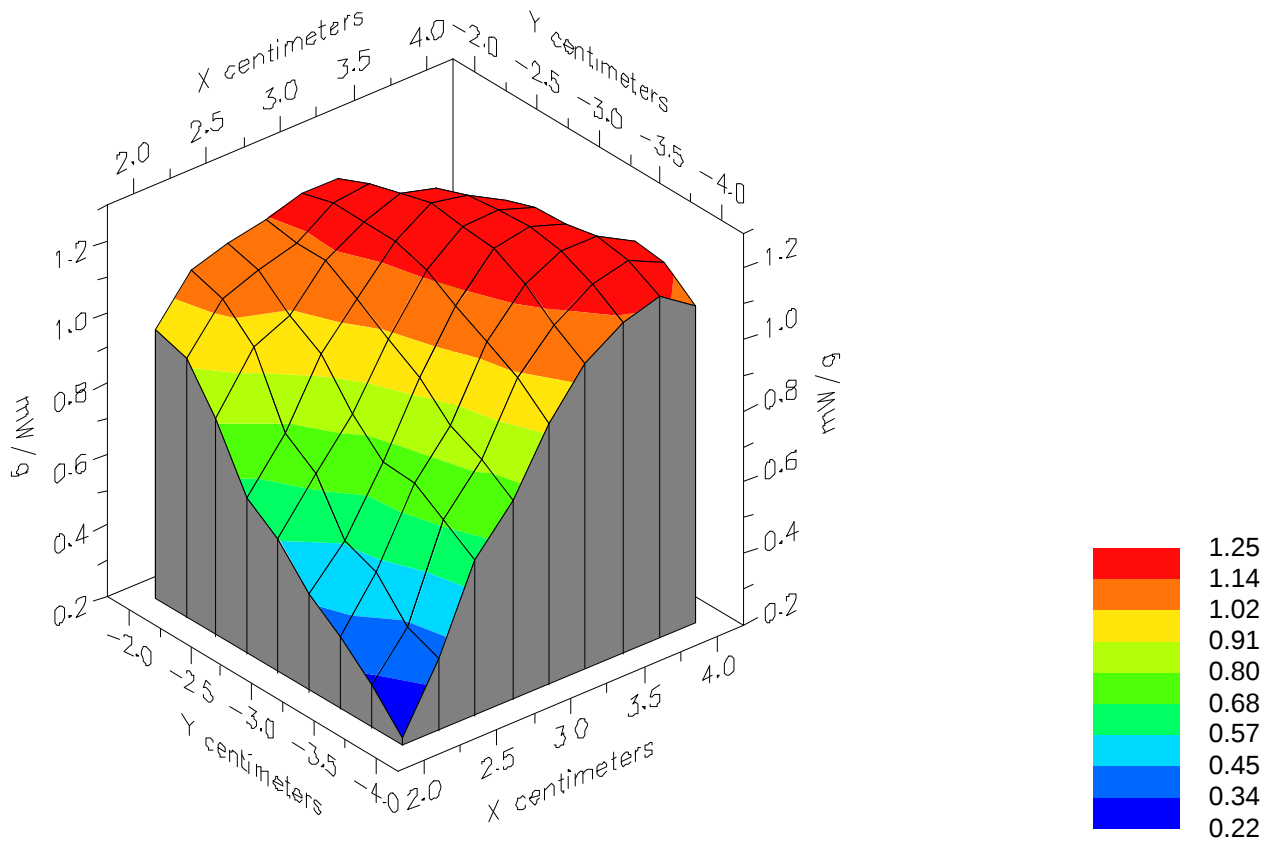
Ave. Voltage (Vs+Vt)/2 = 0.0156

Ave. SAR over 1 g (mW/g) = 1.1380

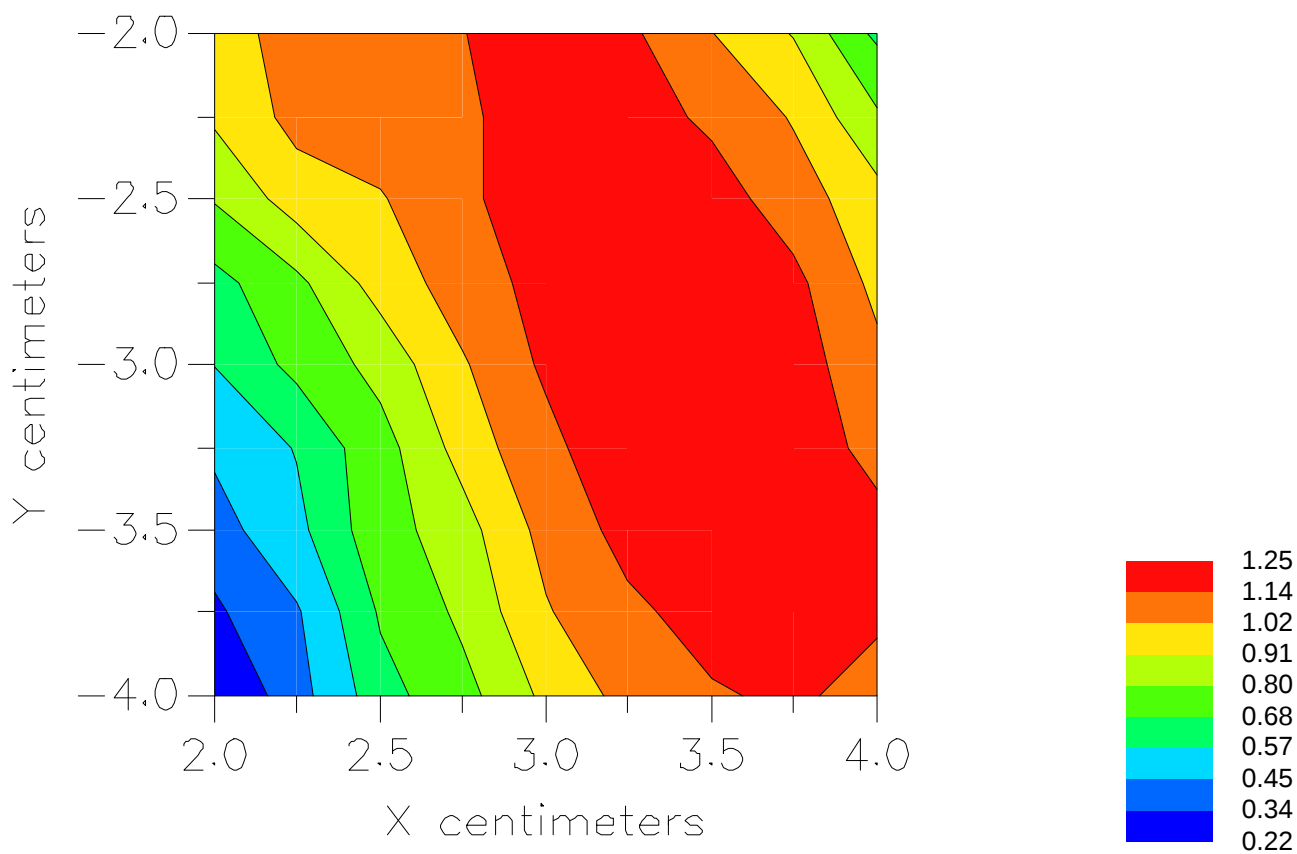
SAR Scan
File : 01052316_ZOOM
Start : 23-May-101 05:26:22 pm End : 23-May-101 05:35:56 pm
LGE/CU100/1;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052316_ZOOM
Start : 23-May-101 05:26:22 pm End : 23-May-101 05:35:56 pm
LGE/CU100/1;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052316_ZOOM
Start : 23-May-101 05:26:22 pm End : 23-May-101 05:35:56 pm
LGE/CU100/1;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052314_ZOOM.VLT
Start : 23-May-101 05:14:59 pm End : 23-May-101 05:24:31 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 41.500
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 363 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - HEAD SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 3.500, Y = -3.000, Z = 0.000 (cm) Value = 17.191

Measured Values (volts) =
1.708E-002 1.530E-002 1.334E-002 1.186E-002 1.040E-002 8.844E-003
7.527E-003 6.021E-003 4.747E-003 3.426E-003 2.531E-003 1.795E-003
1.270E-003 9.121E-004 9.101E-004 1.005E-003 1.210E-003 1.270E-003
1.116E-003 6.809E-004 1.887E-004

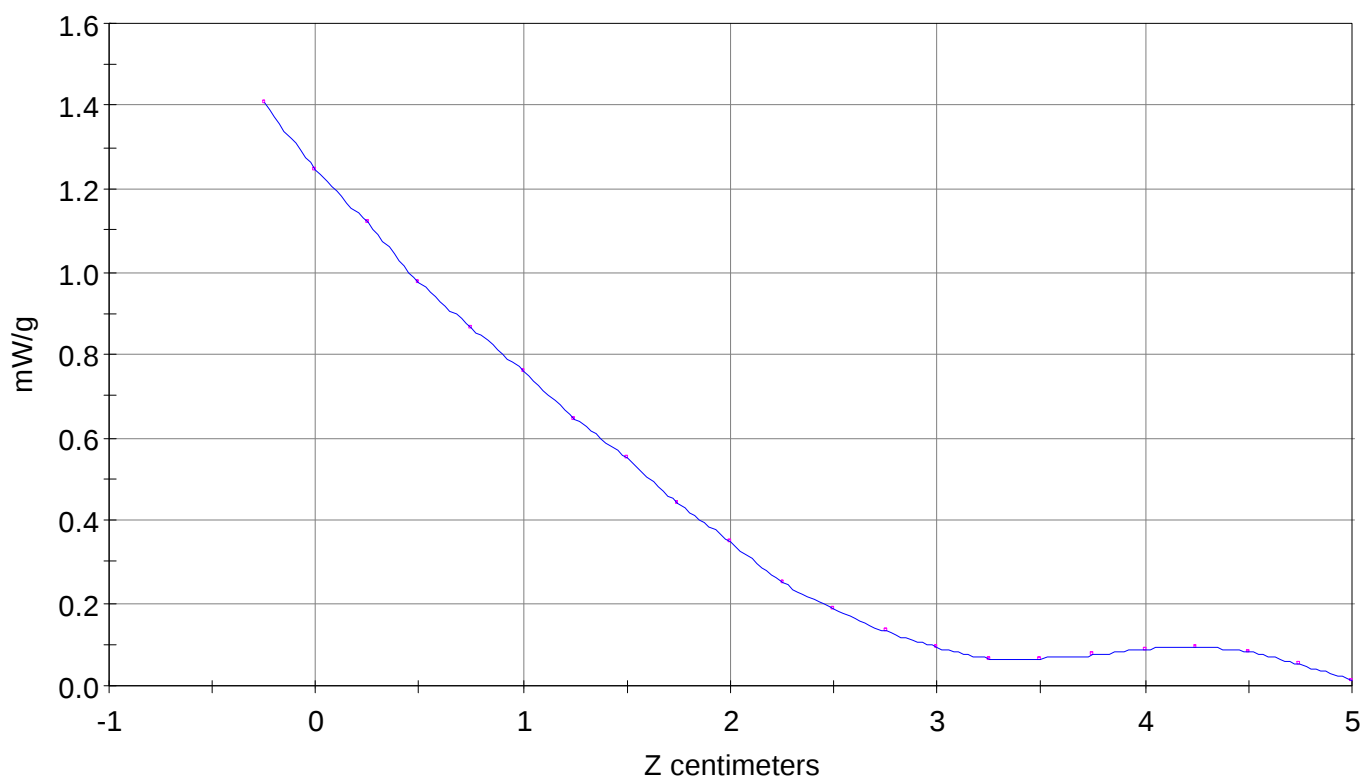
Calc. Voltage @ Surface (Vs) = 0.0193

Voltage @ 1.00 cm (Vt) = 0.0119

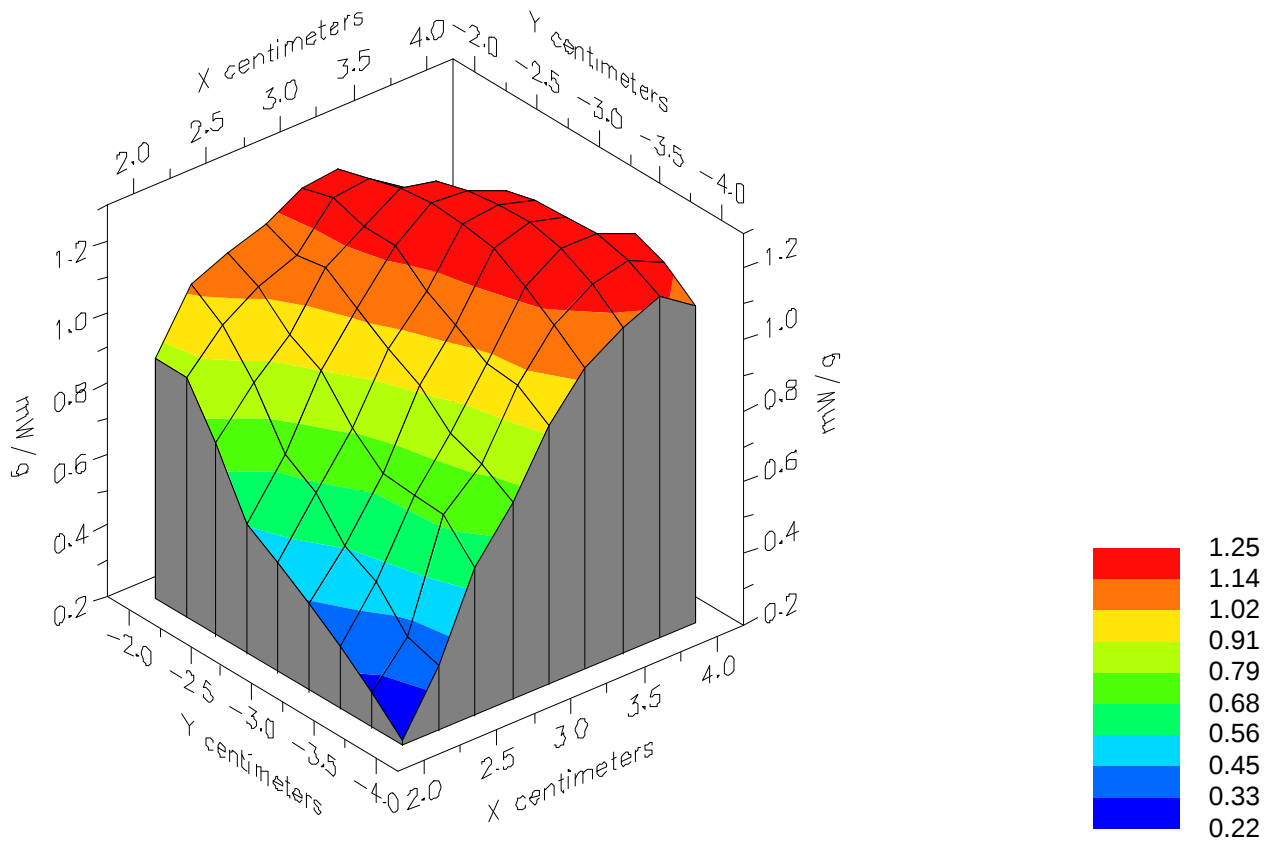
Ave. Voltage (Vs+Vt)/2 = 0.0156

Ave. SAR over 1 g (mW/g) = 1.1380

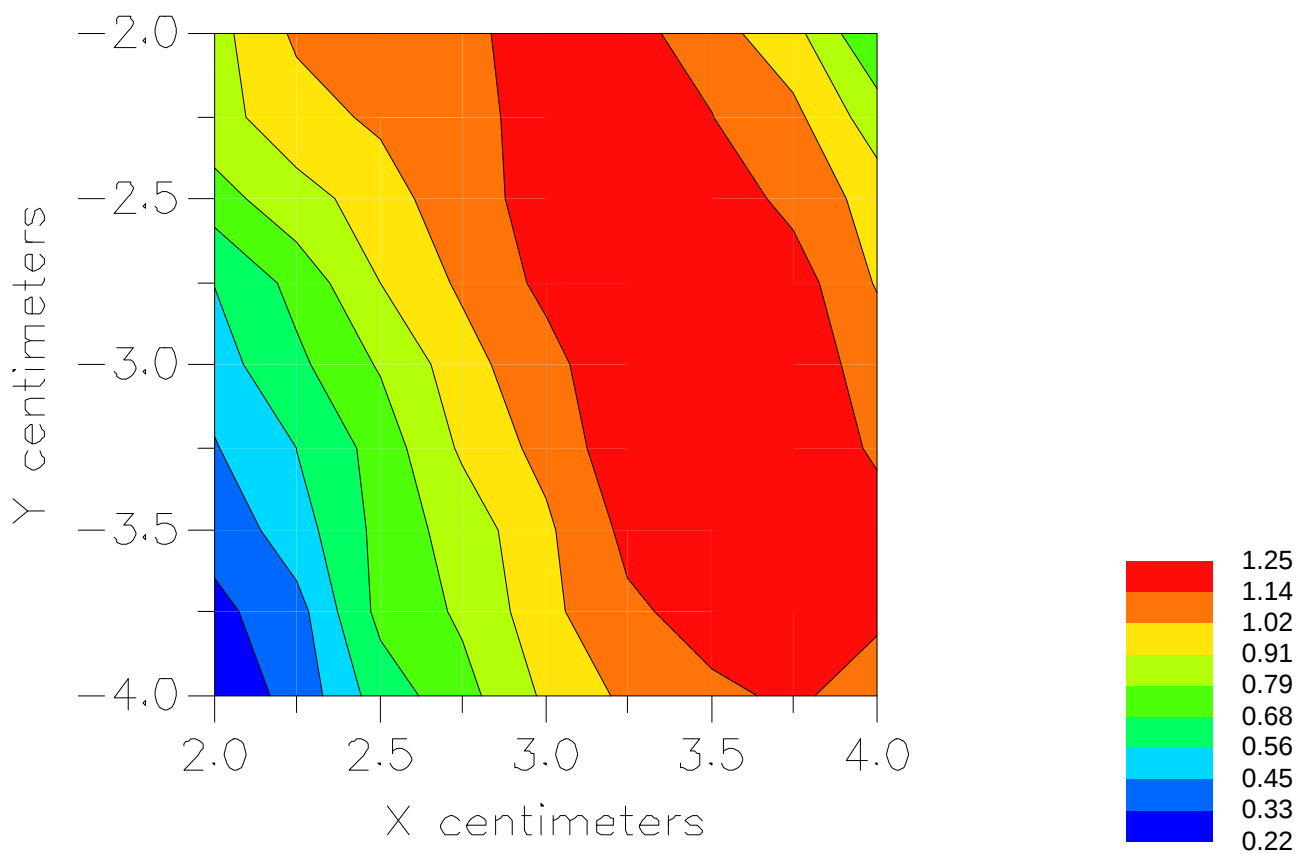
SAR Scan
File : 01052314_ZOOM
Start : 23-May-101 05:14:59 pm End : 23-May-101 05:24:31 pm
LGE/CU100/1;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052314_ZOOM
Start : 23-May-101 05:14:59 pm End : 23-May-101 05:24:31 pm
LGE/CU100/1;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052314_ZOOM
Start : 23-May-101 05:14:59 pm End : 23-May-101 05:24:31 pm
LGE/CU100/1;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052317_ZOOM.VLT
Start : 23-May-101 05:45:10 pm End : 23-May-101 05:56:23 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 41.500
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 777 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - HEAD SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 3.250, Y = -2.750, Z = 0.000 (cm) Value = 17.527

Measured Values (volts) =
1.682E-002 1.492E-002 1.287E-002 1.135E-002 1.033E-002 9.116E-003
8.010E-003 6.961E-003 5.532E-003 4.239E-003 3.141E-003 2.208E-003
1.557E-003 1.107E-003 7.684E-004 5.674E-004 6.649E-004 7.732E-004
8.554E-004 7.900E-004 4.660E-004

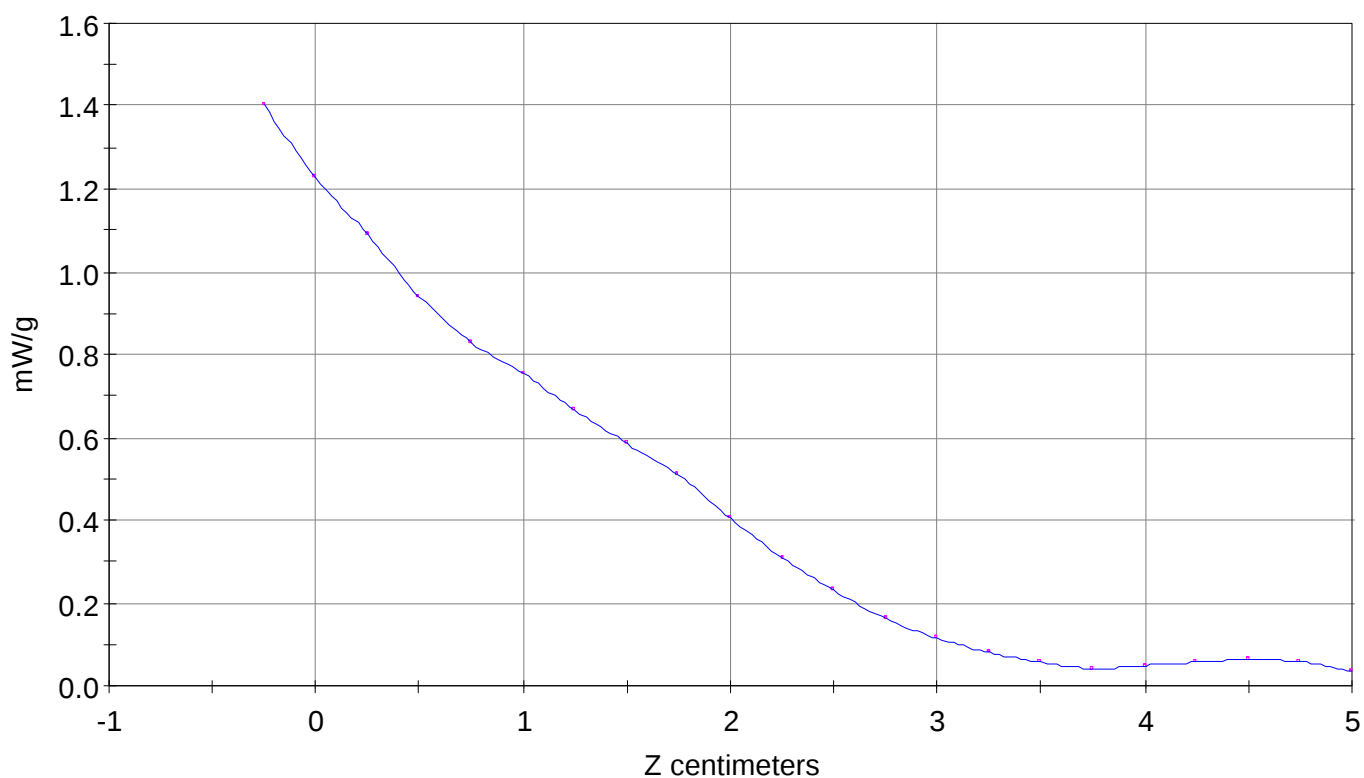
Calc. Voltage @ Surface (Vs) = 0.0192

Voltage @ 1.00 cm (Vt) = 0.0114

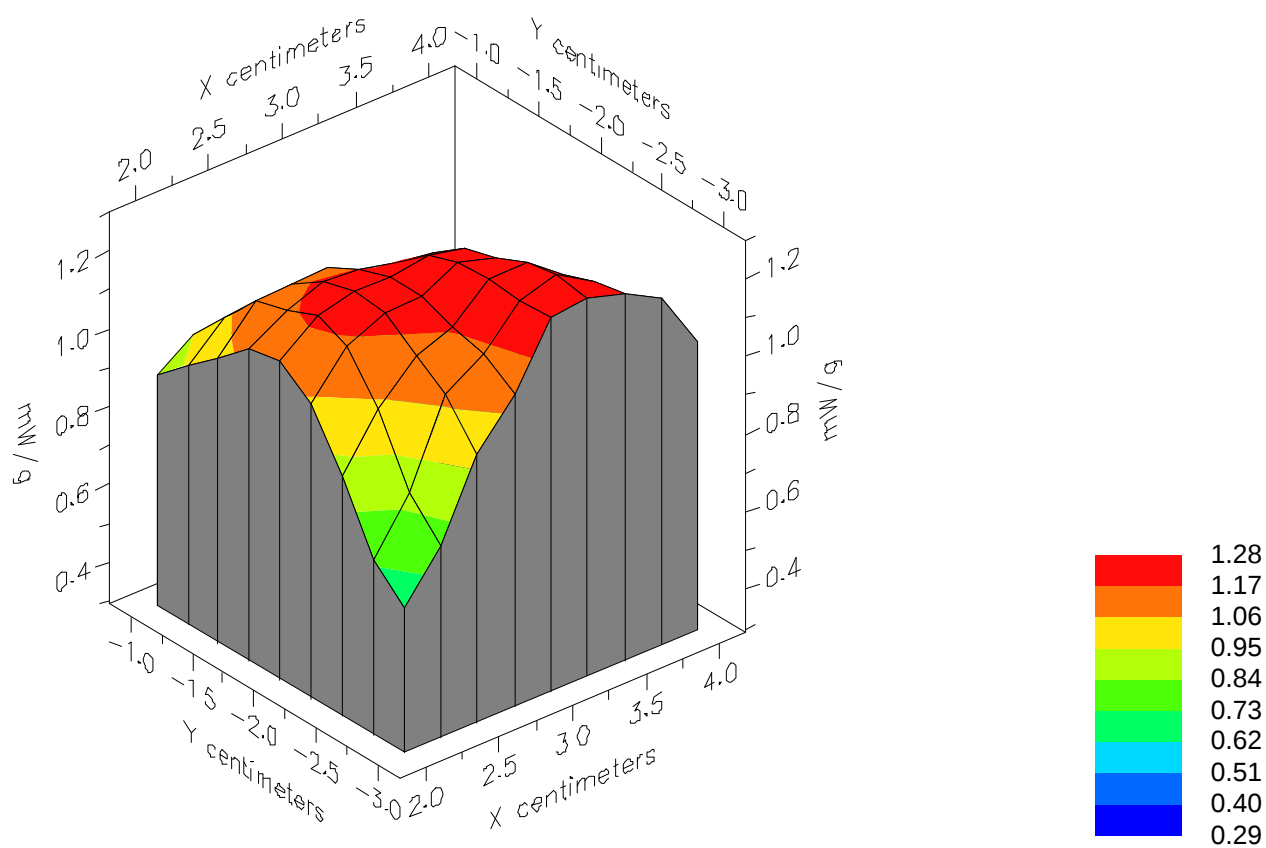
Ave. Voltage (Vs+Vt)/2 = 0.0153

Ave. SAR over 1 g (mW/g) = 1.1154

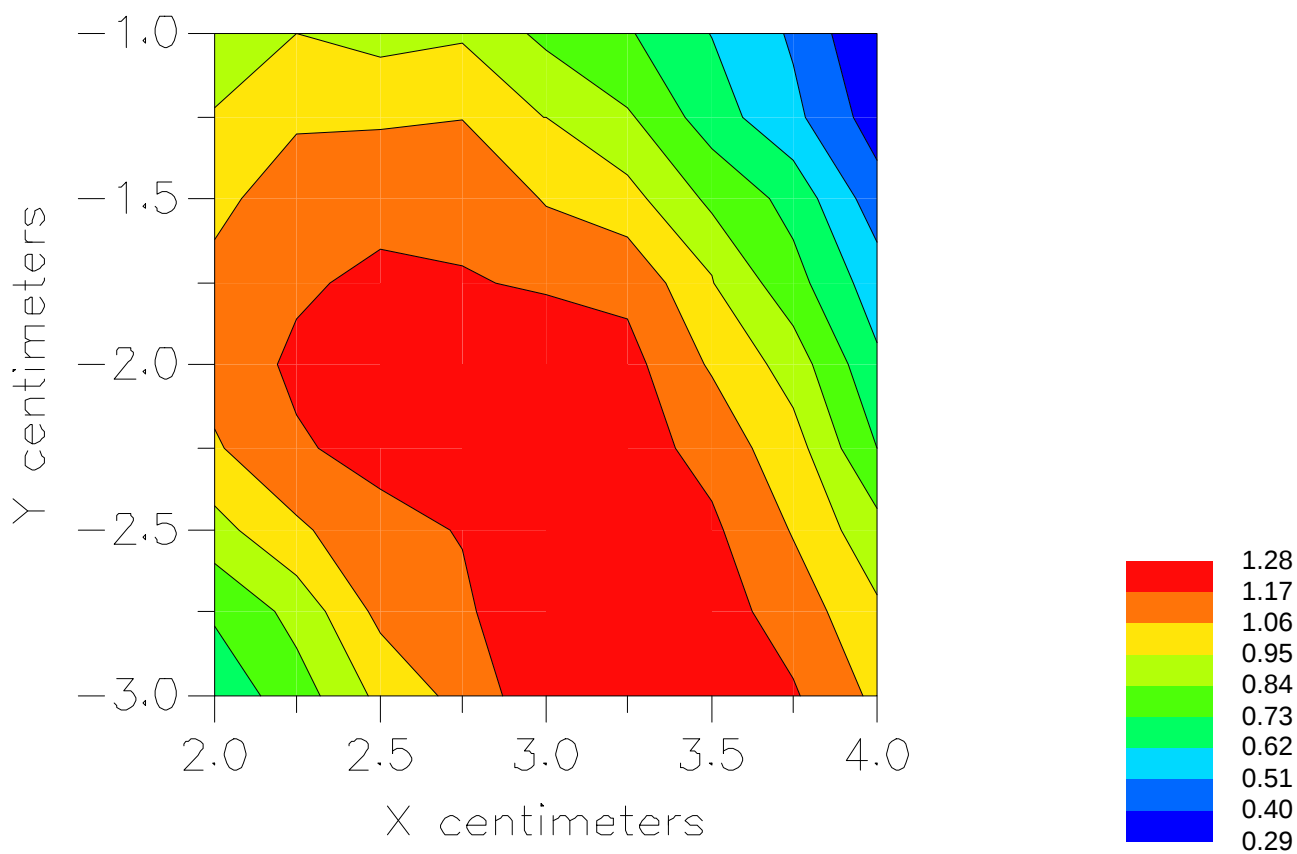
SAR Scan
File : 01052317_ZOOM
Start : 23-May-101 05:45:10 pm End : 23-May-101 05:56:23 pm
LGE/CU100/1;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052317_ZOOM
Start : 23-May-101 05:45:10 pm End : 23-May-101 05:56:23 pm
LGE/CU100/1;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01052317_ZOOM
Start : 23-May-101 05:45:10 pm End : 23-May-101 05:56:23 pm
LGE/CU100/1;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052527_ZOOM.VLT
Start : 25-May-101 03:46:39 pm End : 25-May-101 03:57:49 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.260 W
Start Trans. Pwr: 0.260 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 = 41.500
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 0777 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - HEAD SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 3.000, Y = -3.250, Z = 0.000 (cm) Value = 19.870

Measured Values (volts) =
1.976E-002 1.789E-002 1.627E-002 1.434E-002 1.300E-002 1.153E-002
1.003E-002 8.389E-003 6.968E-003 5.501E-003 4.326E-003 3.470E-003
2.921E-003 2.634E-003 2.623E-003 2.890E-003 3.061E-003 3.140E-003
2.917E-003 2.433E-003 1.544E-003

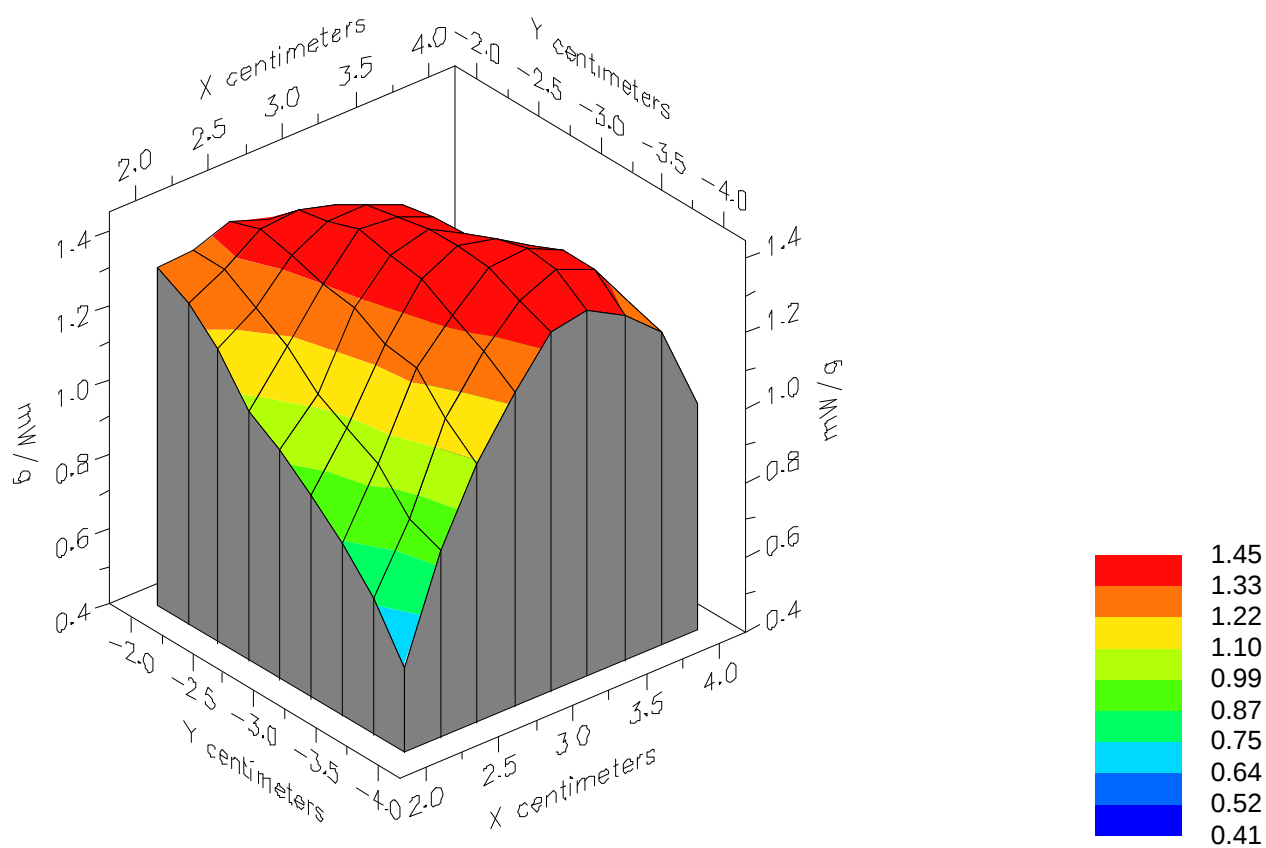
Calc. Voltage @ Surface (Vs) = 0.0218

Voltage @ 1.00 cm (Vt) = 0.0143

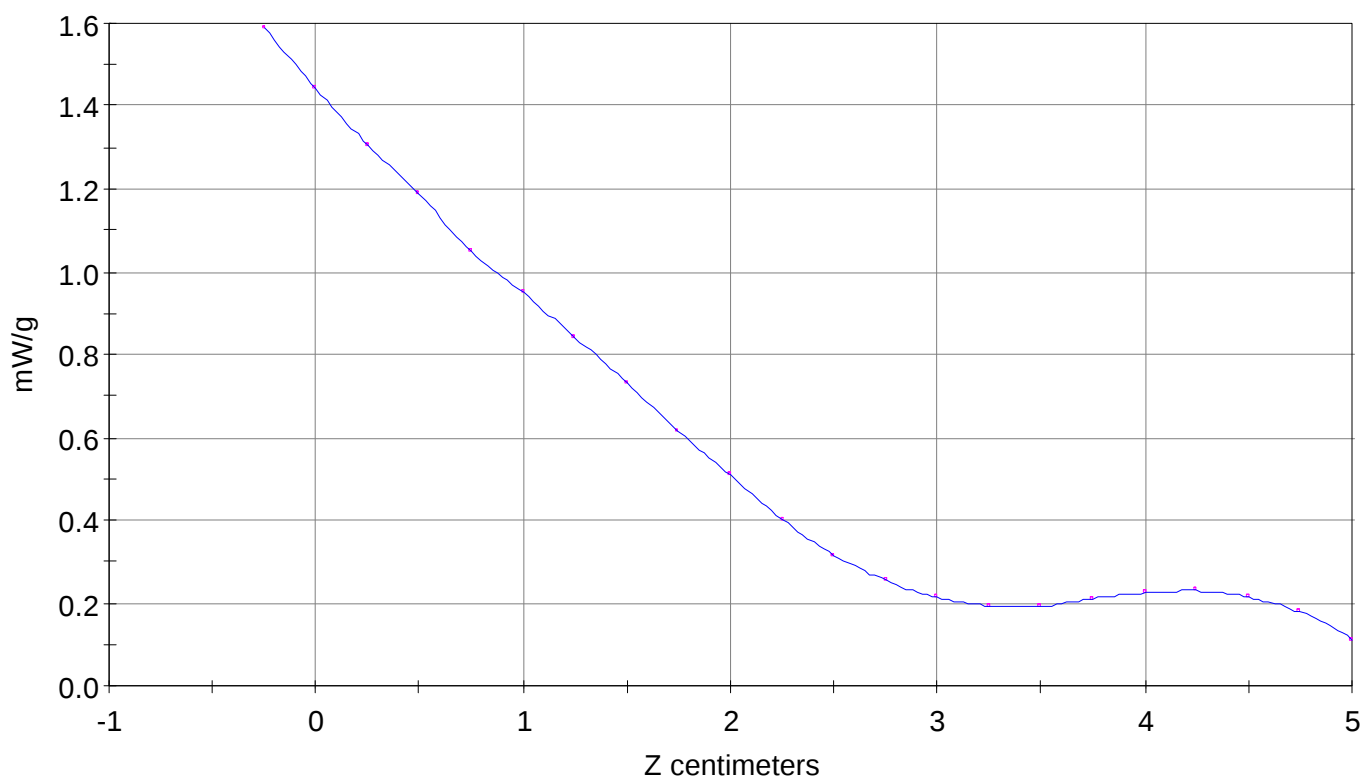
Ave. Voltage (Vs+Vt)/2 = 0.0181

Ave. SAR over 1 g (mW/g) = 1.3179

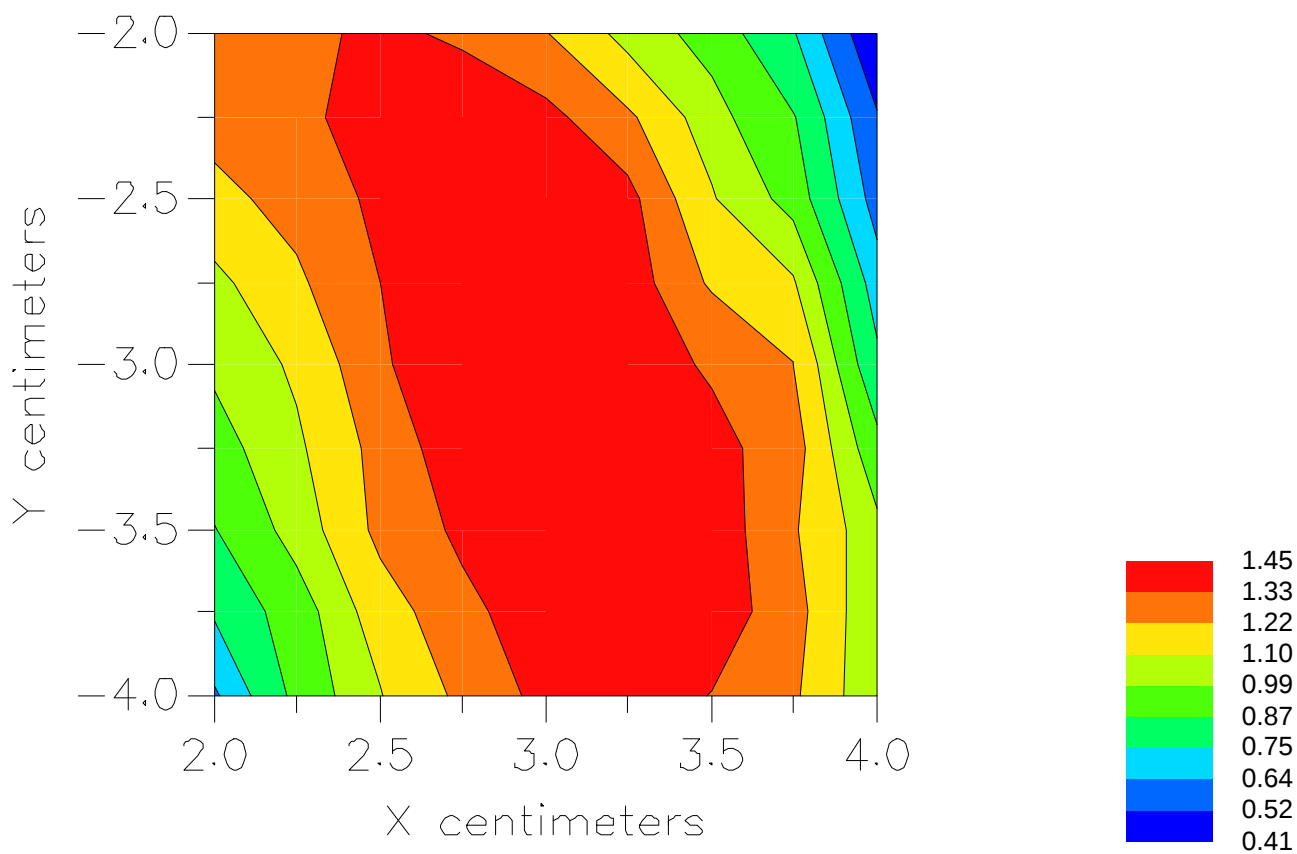
File : 01052527_ZOOM
Start : 25-May-101 03:46:39 pm End : 25-May-101 03:57:49 pm
LGE/CU100/1;848.31MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



SAR Scan
File : 01052527_ZOOM
Start : 25-May-101 03:46:39 pm End : 25-May-101 03:57:49 pm
LGE/CU100/1;848.31MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

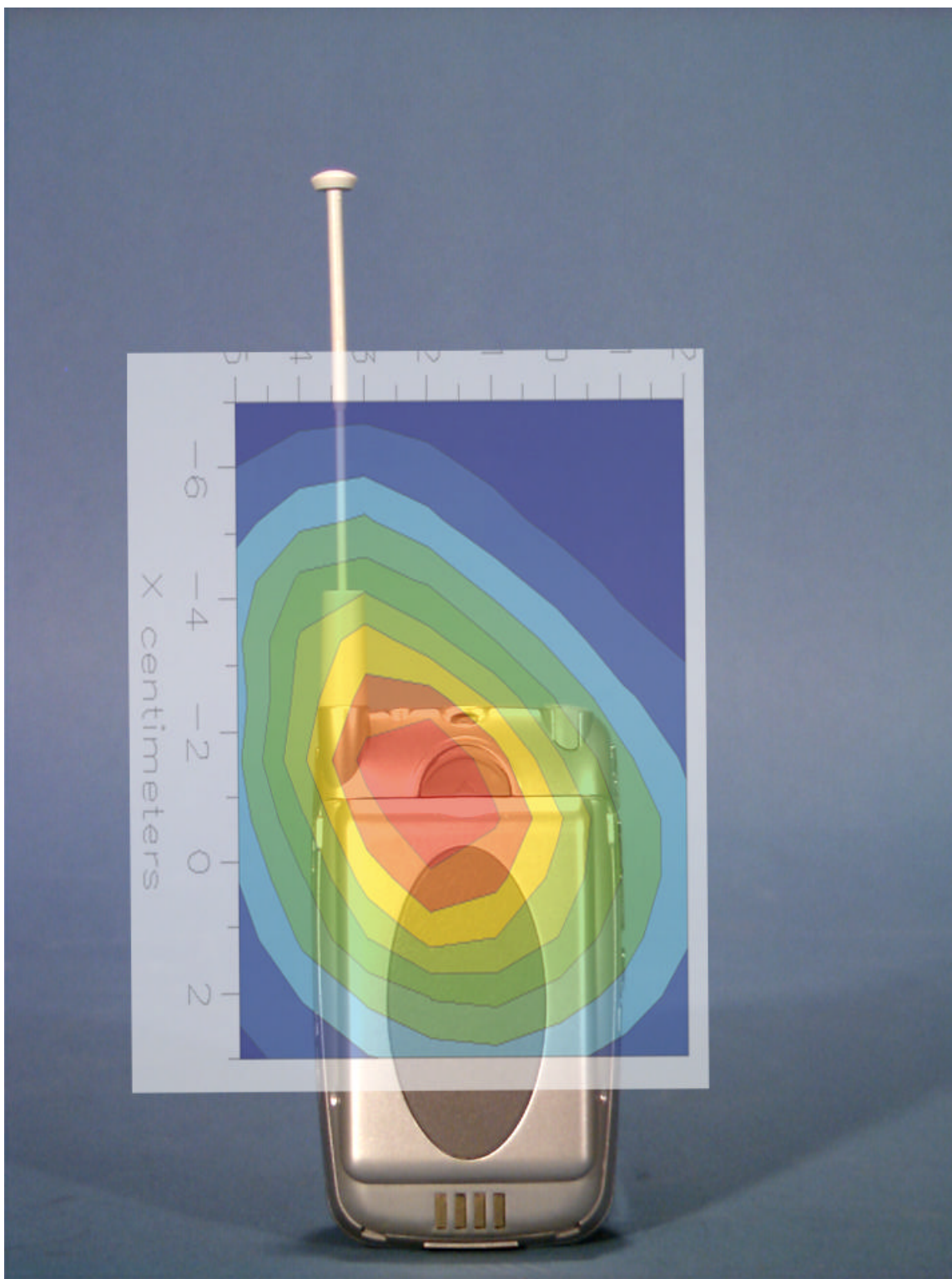


File : 01052527_ZOOM
Start : 25-May-101 03:46:39 pm End : 25-May-101 03:57:49 pm
LGE/CU100/1;848.31MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052908_ZOOM.VLT
Start : 29-May-101 01:06:55 pm End : 29-May-101 01:14:21 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 1013 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -2.250, Z = 0.000 (cm) Value = 17.243

Measured Values (volts) =
1.671E-002 1.292E-002 1.039E-002 8.667E-003 7.483E-003 6.609E-003
6.161E-003 5.798E-003 5.562E-003 5.024E-003 4.369E-003 3.374E-003
2.550E-003 1.715E-003 1.124E-003 8.514E-004 9.545E-004 1.288E-003
1.692E-003 1.934E-003 1.769E-003

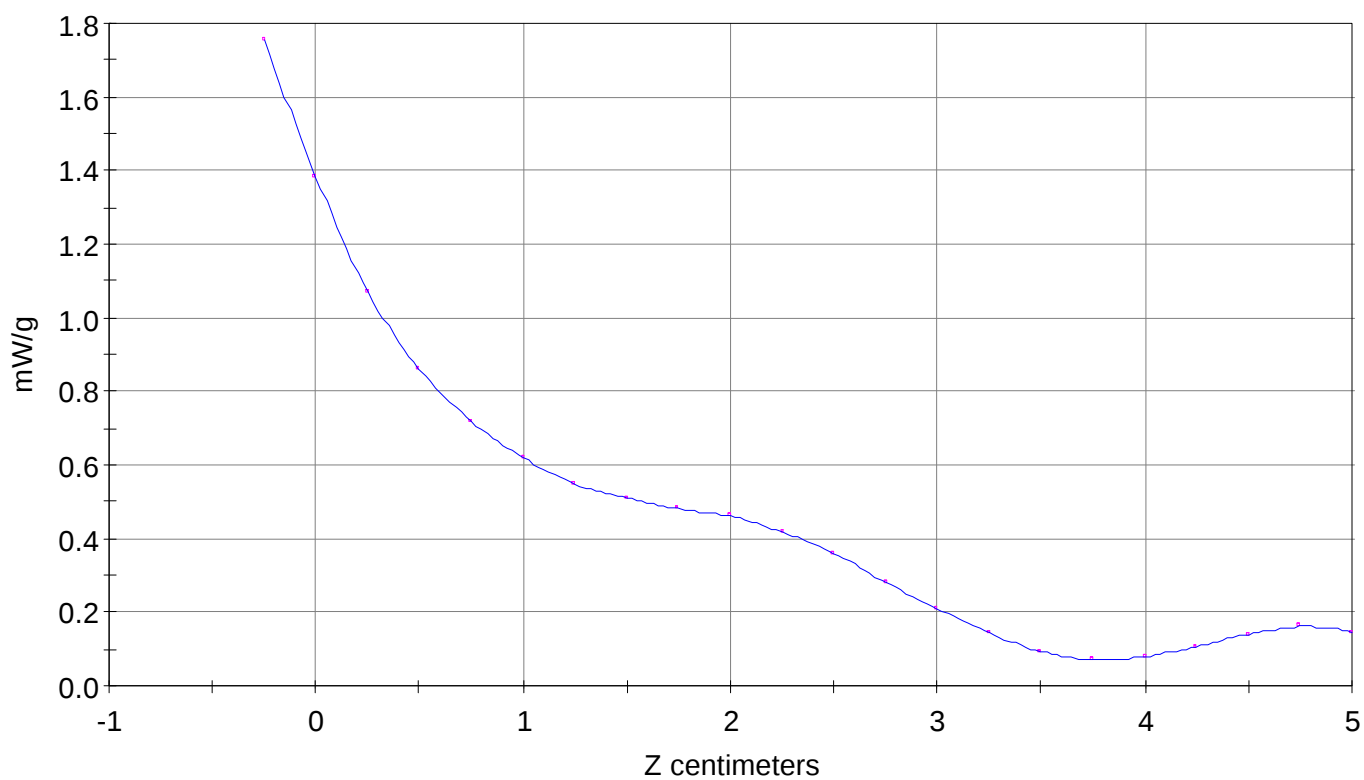
Calc. Voltage @ Surface (Vs) = 0.0212

Voltage @ 1.00 cm (Vt) = 0.0087

Ave. Voltage (Vs+Vt)/2 = 0.0149

Ave. SAR over 1 g (mW/g) = 1.2363

SAR Scan
File : 01052908_ZOOM
Start : 29-May-101 01:06:55 pm End : 29-May-101 01:14:21 pm
LGE/CU100/1;824.70MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

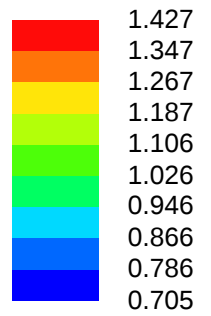
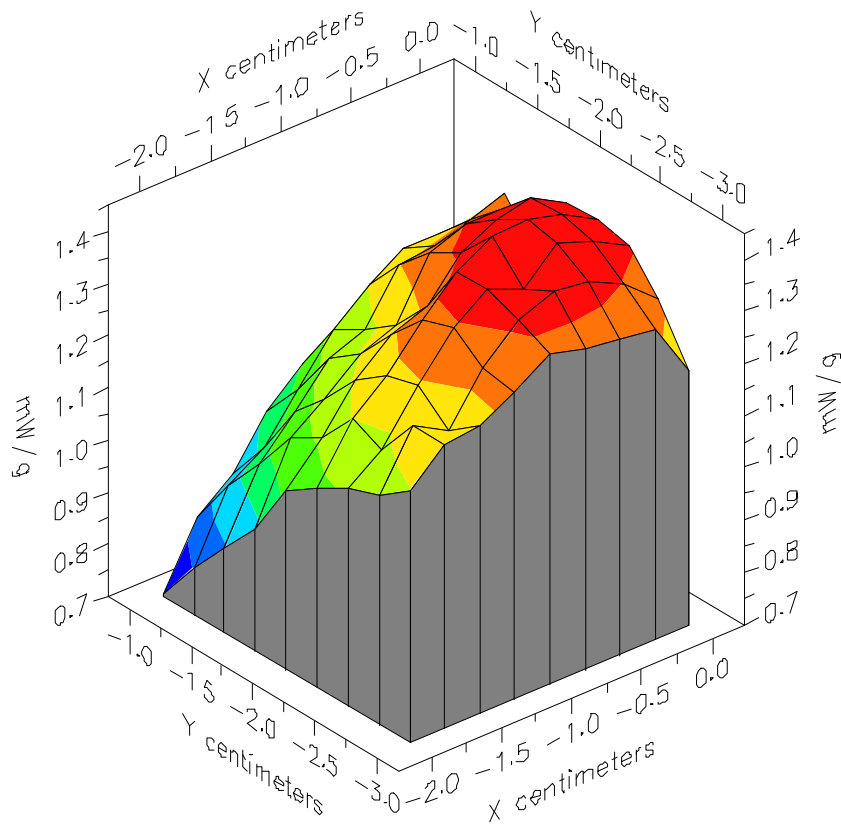


File : 01052908_ZOOM

Start : 29-May-101 01:06:55 pm End : 29-May-101 01:14:21 pm

LGE/CU100/1;824.70MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

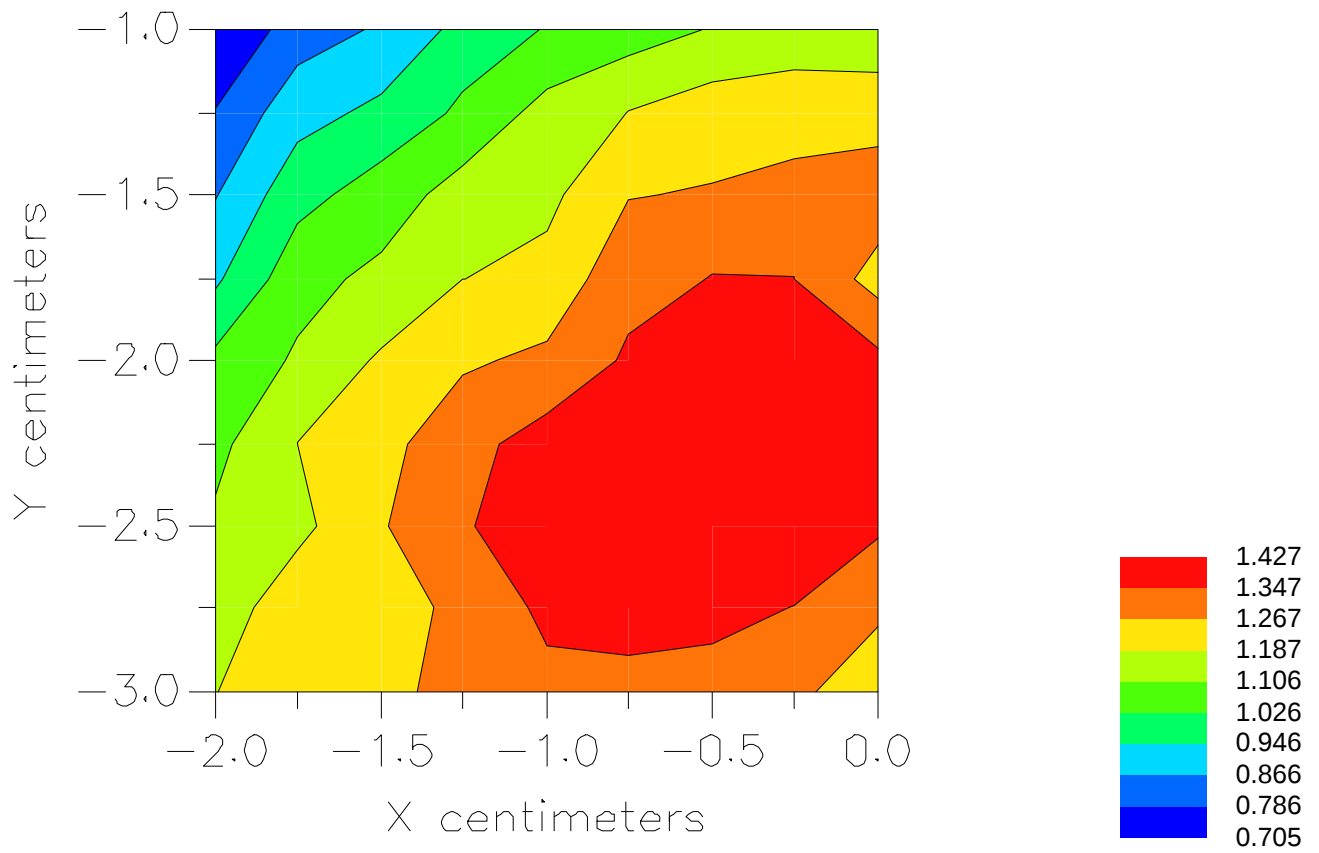


File : 01052908_ZOOM

Start : 29-May-101 01:06:55 pm End : 29-May-101 01:14:21 pm

LGE/CU100/1;824.70MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052907_ZOOM.VLT
Start : 29-May-101 12:50:59 pm End : 29-May-101 01:01:54 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 1013 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.750, Y = -2.250, Z = 0.000 (cm) Value = 15.842

Measured Values (volts) =
1.530E-002 1.165E-002 9.454E-003 7.921E-003 6.768E-003 6.150E-003
5.834E-003 5.631E-003 5.346E-003 4.859E-003 4.143E-003 3.242E-003
2.385E-003 1.557E-003 1.018E-003 8.660E-004 1.063E-003 1.461E-003
1.870E-003 2.099E-003 1.809E-003

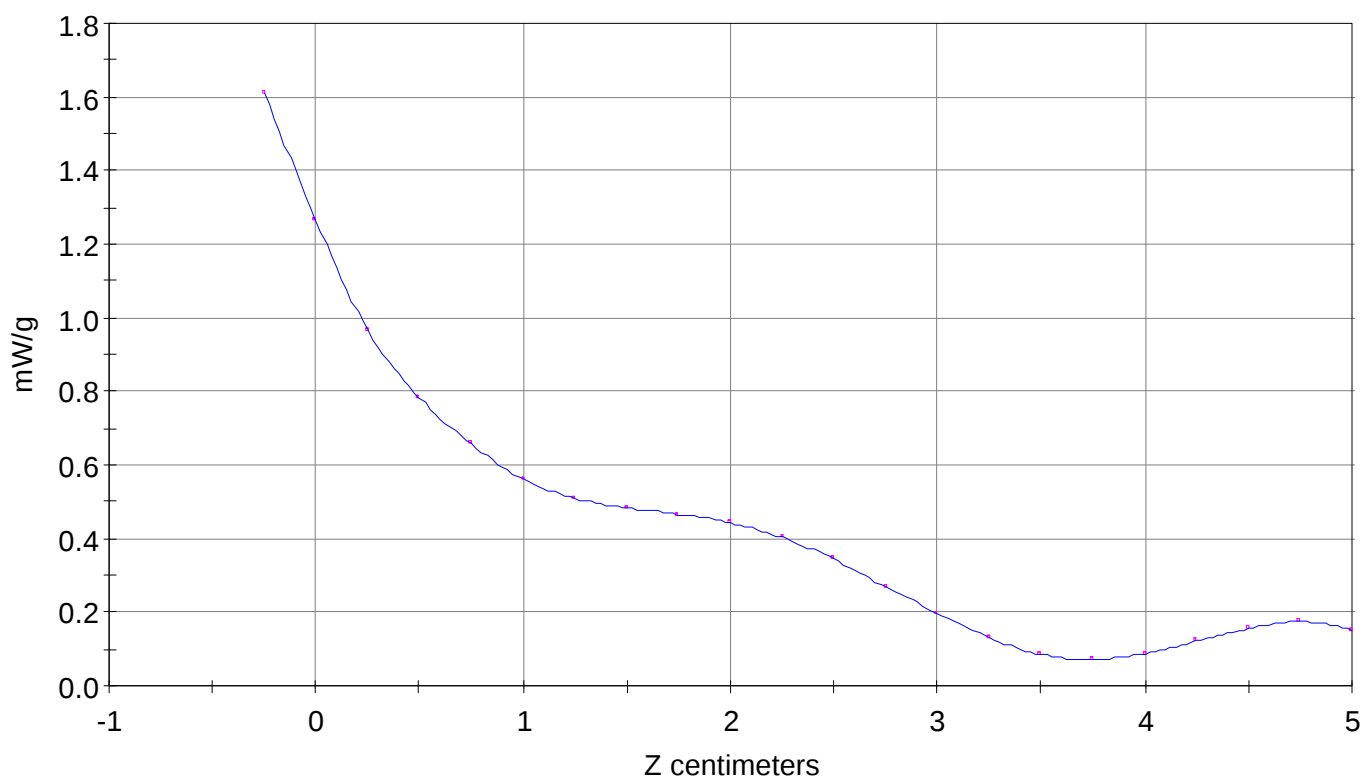
Calc. Voltage @ Surface (Vs) = 0.0195

Voltage @ 1.00 cm (Vt) = 0.0079

Ave. Voltage (Vs+Vt)/2 = 0.0137

Ave. SAR over 1 g (mW/g) = 1.1336

SAR Scan
File : 01052907_ZOOM
Start : 29-May-10 12:50:59 pm End : 29-May-10 01:01:54 pm
LGE/CU100/1;824.70MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

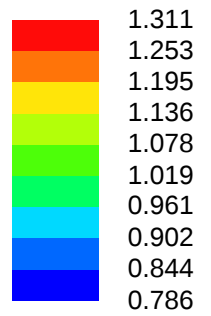
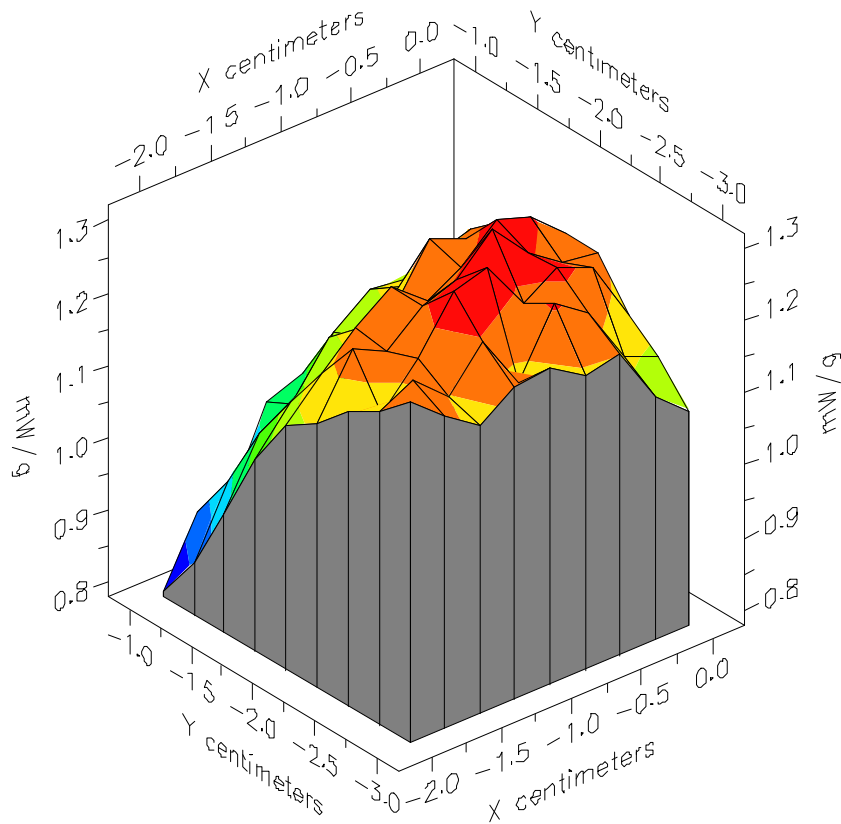


File : 01052907_ZOOM

Start : 29-May-101 12:50:59 pm End : 29-May-101 01:01:54 pm

LGE/CU100/1;824.70MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

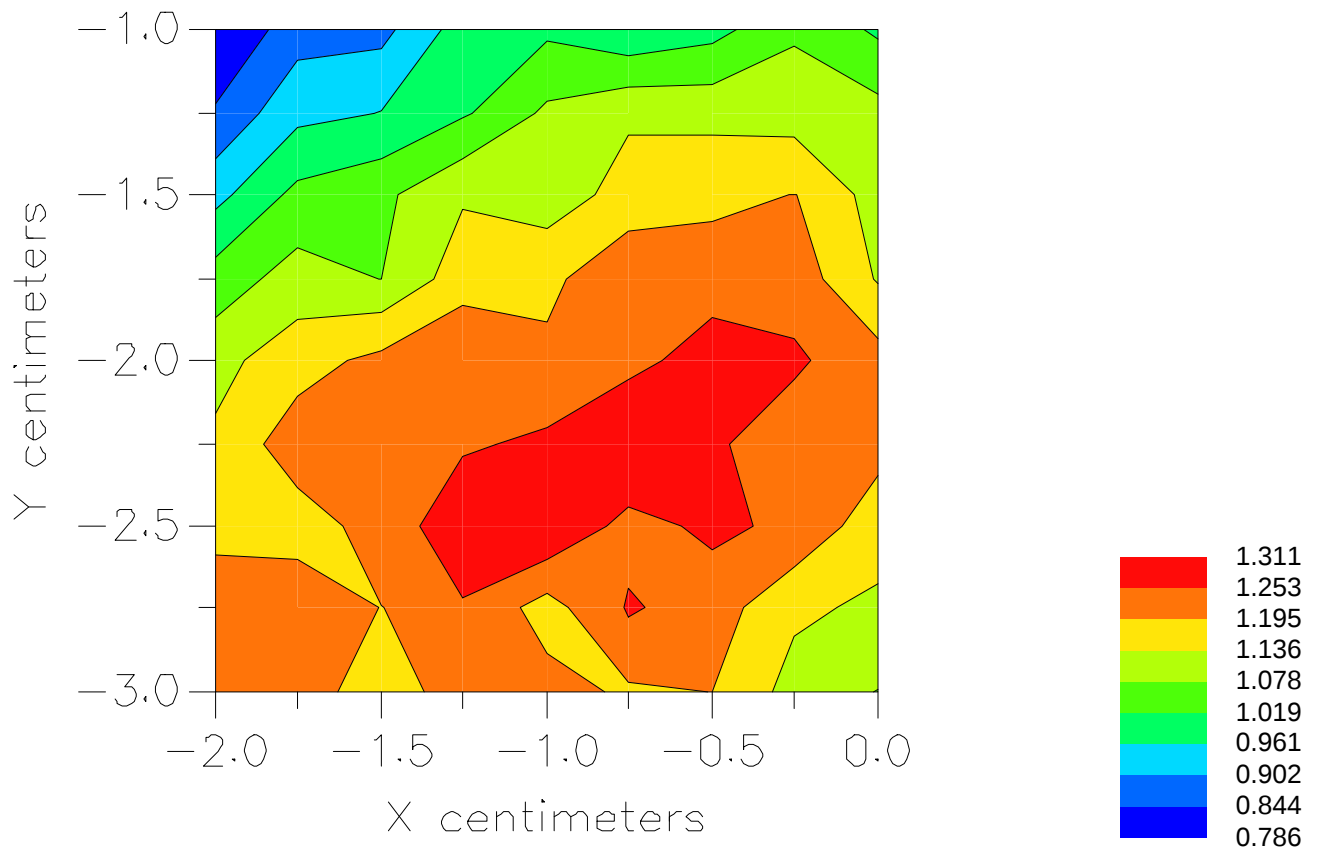


File : 01052907_ZOOM

Start : 29-May-101 12:50:59 pm End : 29-May-101 01:01:54 pm

LGE/CU100/1;824.70MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052910_ZOOM.VLT
Start : 29-May-101 01:25:38 pm End : 29-May-101 01:33:05 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 0363 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -2.250, Z = 0.000 (cm) Value = 10.633

Measured Values (volts) =
1.012E-002 7.713E-003 6.383E-003 5.162E-003 4.469E-003 3.913E-003
3.592E-003 3.439E-003 3.239E-003 2.986E-003 2.575E-003 2.102E-003
1.553E-003 1.045E-003 6.956E-004 5.315E-004 5.791E-004 7.841E-004
1.019E-003 1.129E-003 1.050E-003

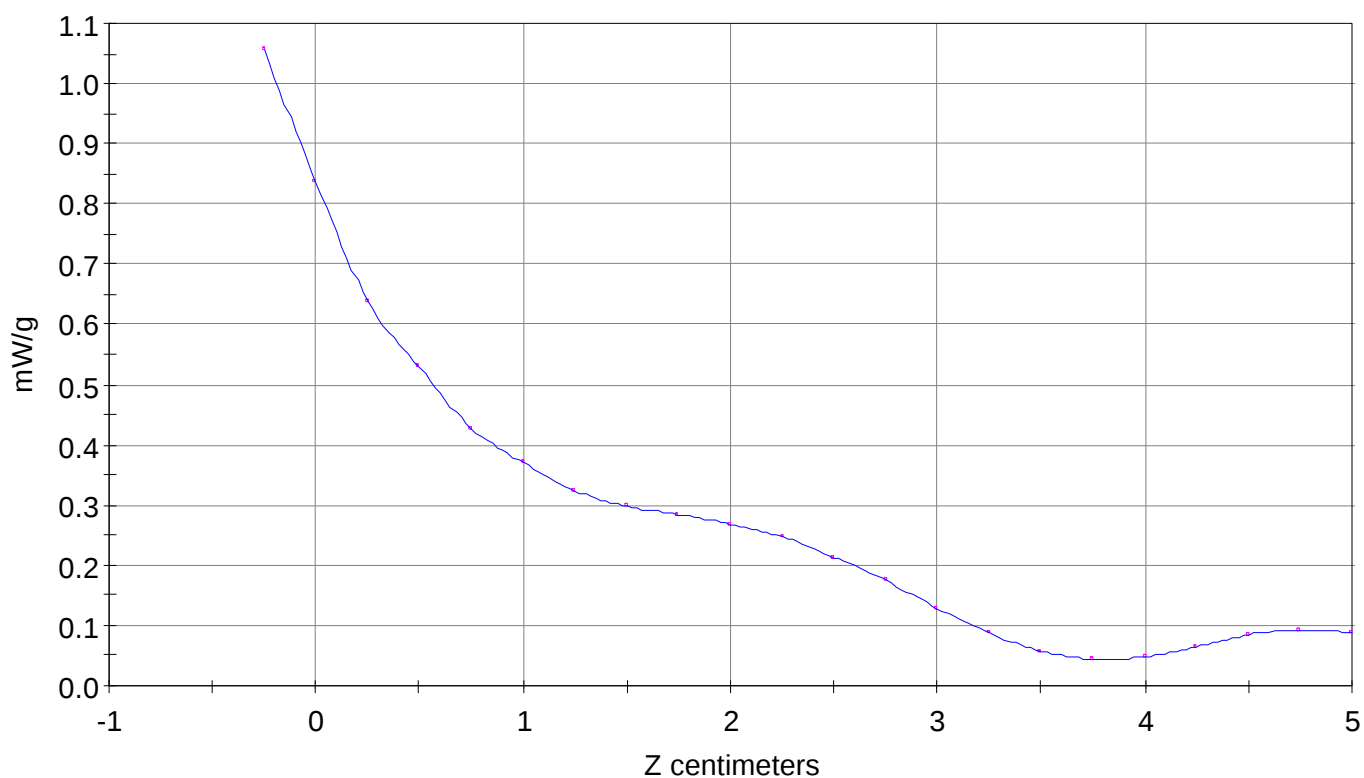
Calc. Voltage @ Surface (Vs) = 0.0127

Voltage @ 1.00 cm (Vt) = 0.0052

Ave. Voltage (Vs+Vt)/2 = 0.0090

Ave. SAR over 1 g (mW/g) = 0.7412

SAR Scan
File : 01052910_ZOOM
Start : 29-May-101 01:25:38 pm End : 29-May-101 01:33:05 pm
LGE/CU100/1;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

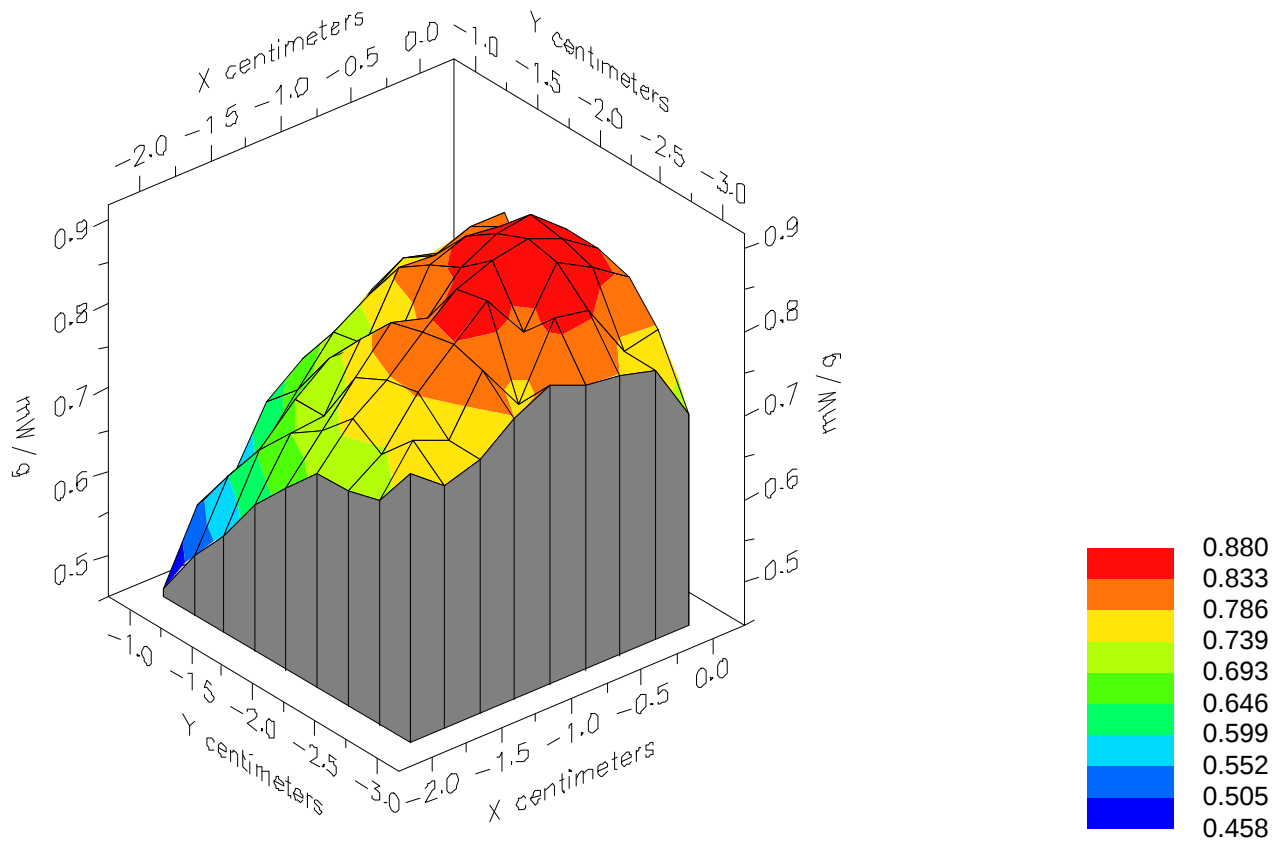


File : 01052910_ZOOM

Start : 29-May-101 01:25:38 pm End : 29-May-101 01:33:05 pm

LGE/CU100/1;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

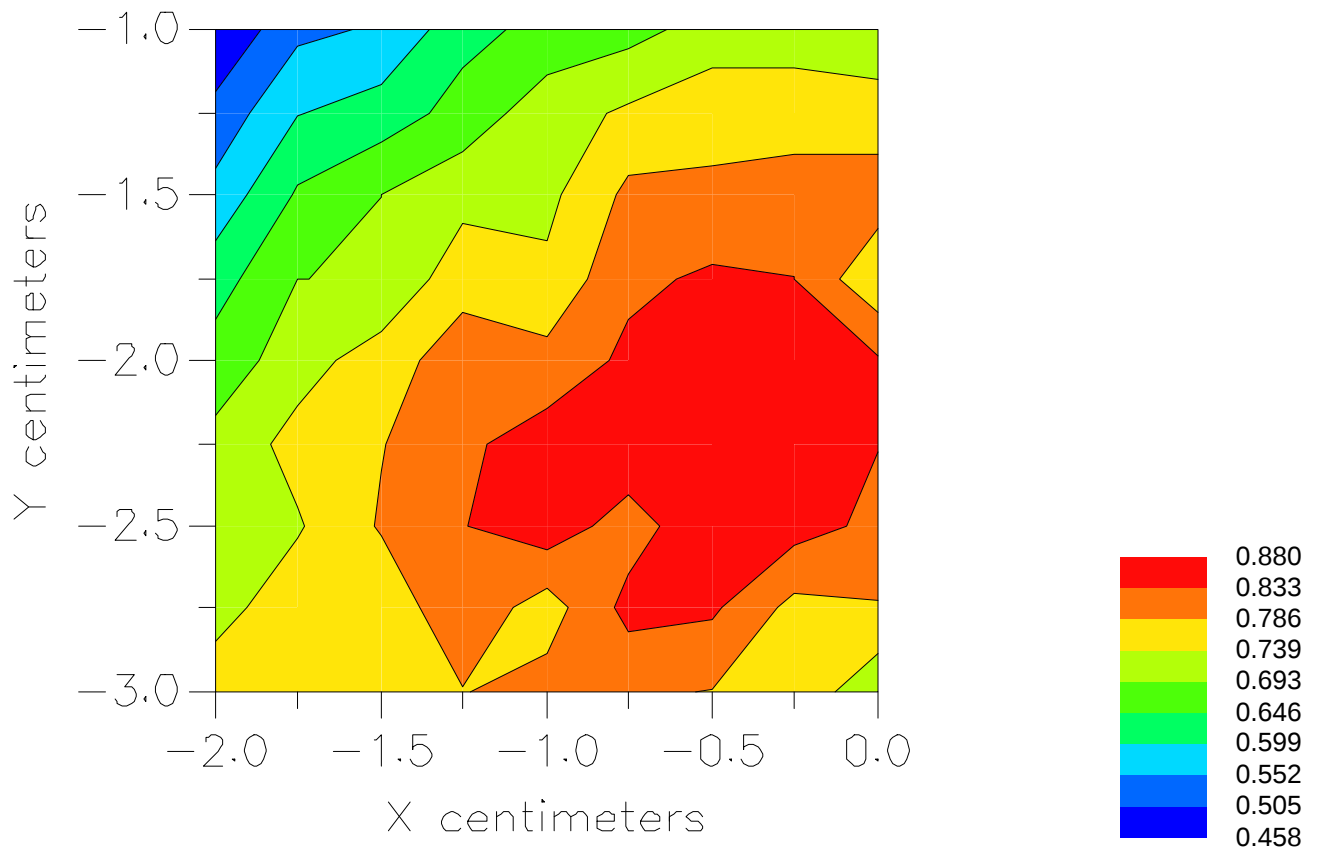


File : 01052910_ZOOM

Start : 29-May-101 01:25:38 pm End : 29-May-101 01:33:05 pm

LGE/CU100/1;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052909_ZOOM.VLT
Start : 29-May-101 01:17:32 pm End : 29-May-101 01:25:00 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 0363 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -2.250, Z = 0.000 (cm) Value = 13.765

Measured Values (volts) =
1.312E-002 1.018E-002 8.302E-003 6.743E-003 5.681E-003 5.044E-003
4.693E-003 4.525E-003 4.371E-003 4.099E-003 3.703E-003 2.976E-003
2.253E-003 1.504E-003 9.702E-004 6.931E-004 7.737E-004 1.028E-003
1.359E-003 1.655E-003 1.615E-003

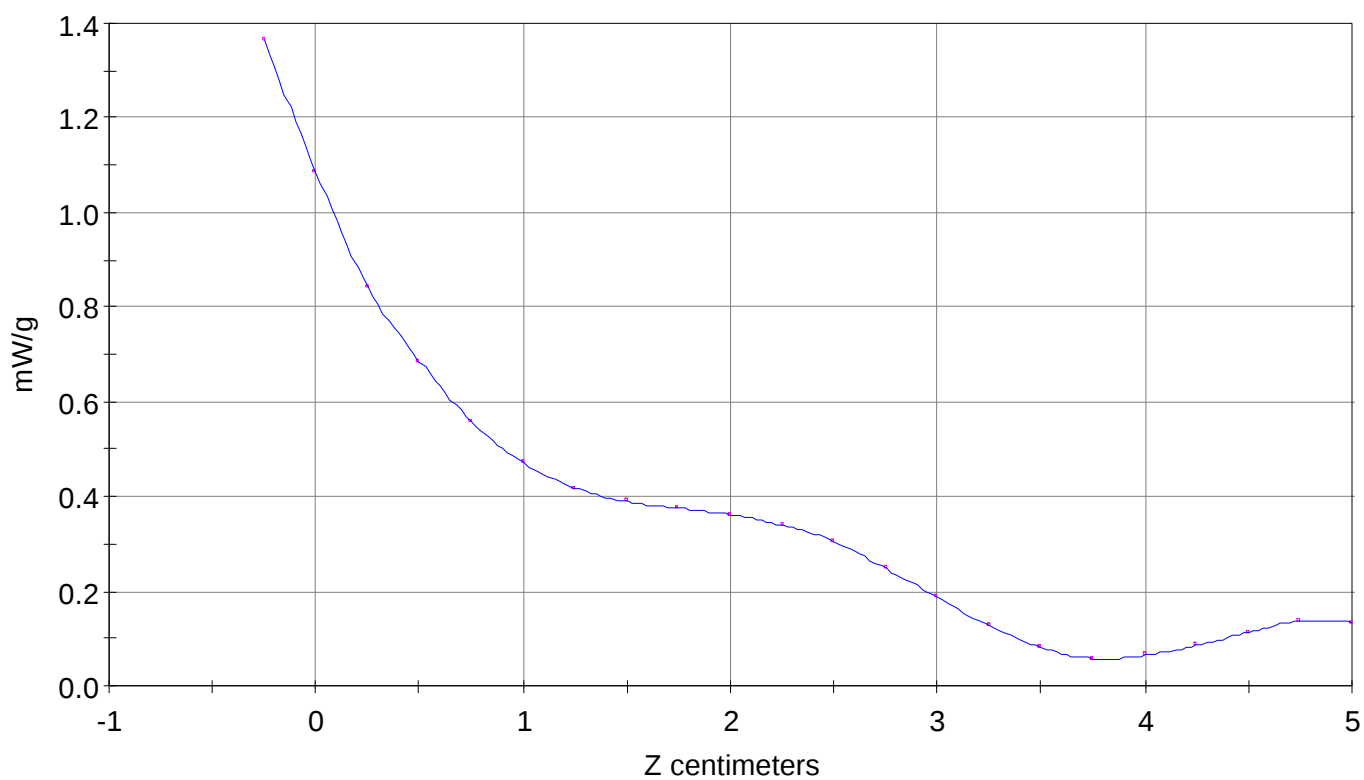
Calc. Voltage @ Surface (Vs) = 0.0165

Voltage @ 1.00 cm (Vt) = 0.0067

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

Ave. SAR over 1 g (mW/g) = 0.9620

SAR Scan
File : 01052909_ZOOM
Start : 29-May-101 01:17:32 pm End : 29-May-101 01:25:00 pm
LGE/CU100/1;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

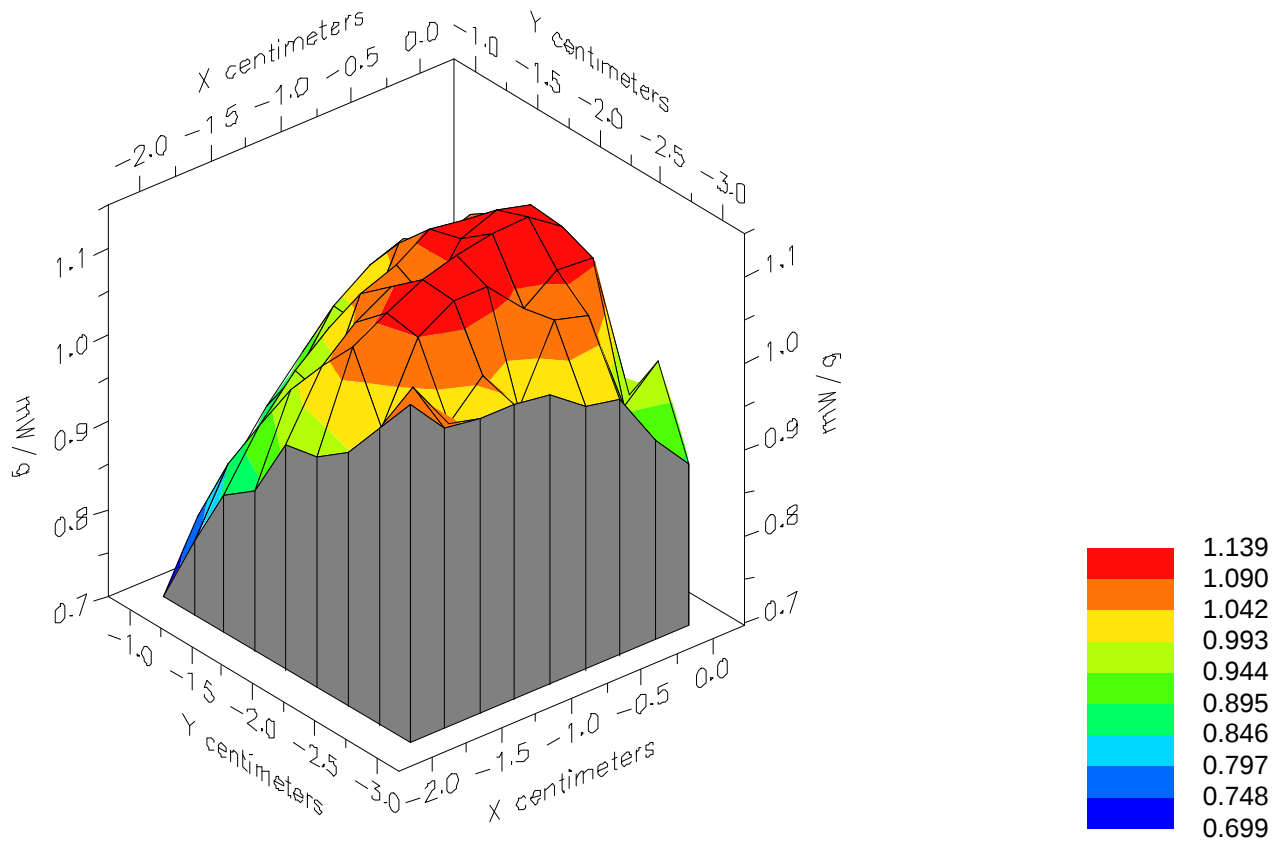


File : 01052909_ZOOM

Start : 29-May-101 01:17:32 pm End : 29-May-101 01:25:00 pm

LGE/CU100/1;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

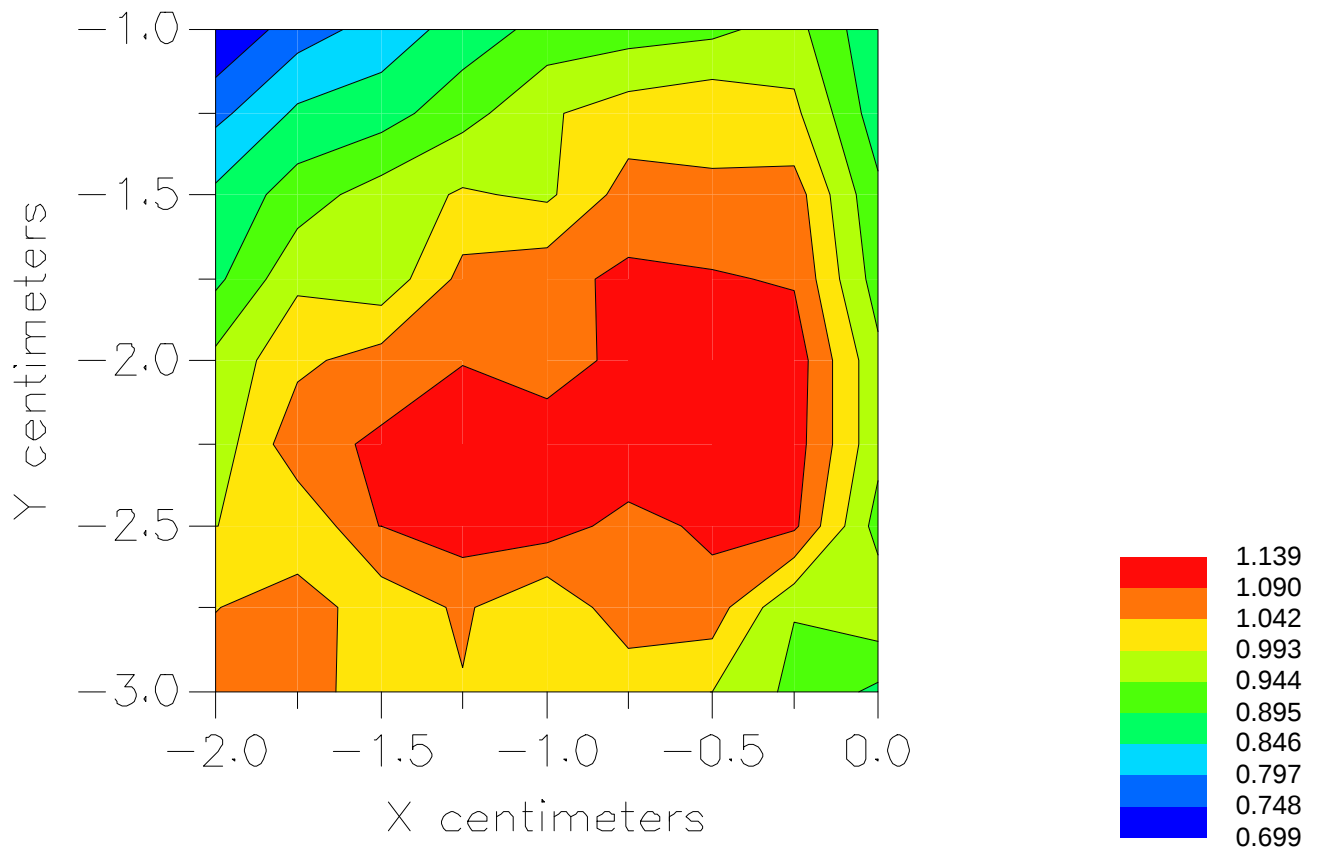


File : 01052909_ZOOM

Start : 29-May-101 01:17:32 pm End : 29-May-101 01:25:00 pm

LGE/CU100/1;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052905_ZOOM.VLT
Start : 29-May-101 11:14:50 am End : 29-May-101 11:25:01 am

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 0777 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.750, Y = -2.250, Z = 0.000 (cm) Value = 16.741

Measured Values (volts) =
1.446E-002 1.115E-002 8.884E-003 7.306E-003 6.211E-003 5.457E-003
4.929E-003 4.607E-003 4.319E-003 3.882E-003 3.307E-003 2.661E-003
2.002E-003 1.306E-003 8.588E-004 6.799E-004 7.674E-004 9.945E-004
1.278E-003 1.397E-003 1.251E-003

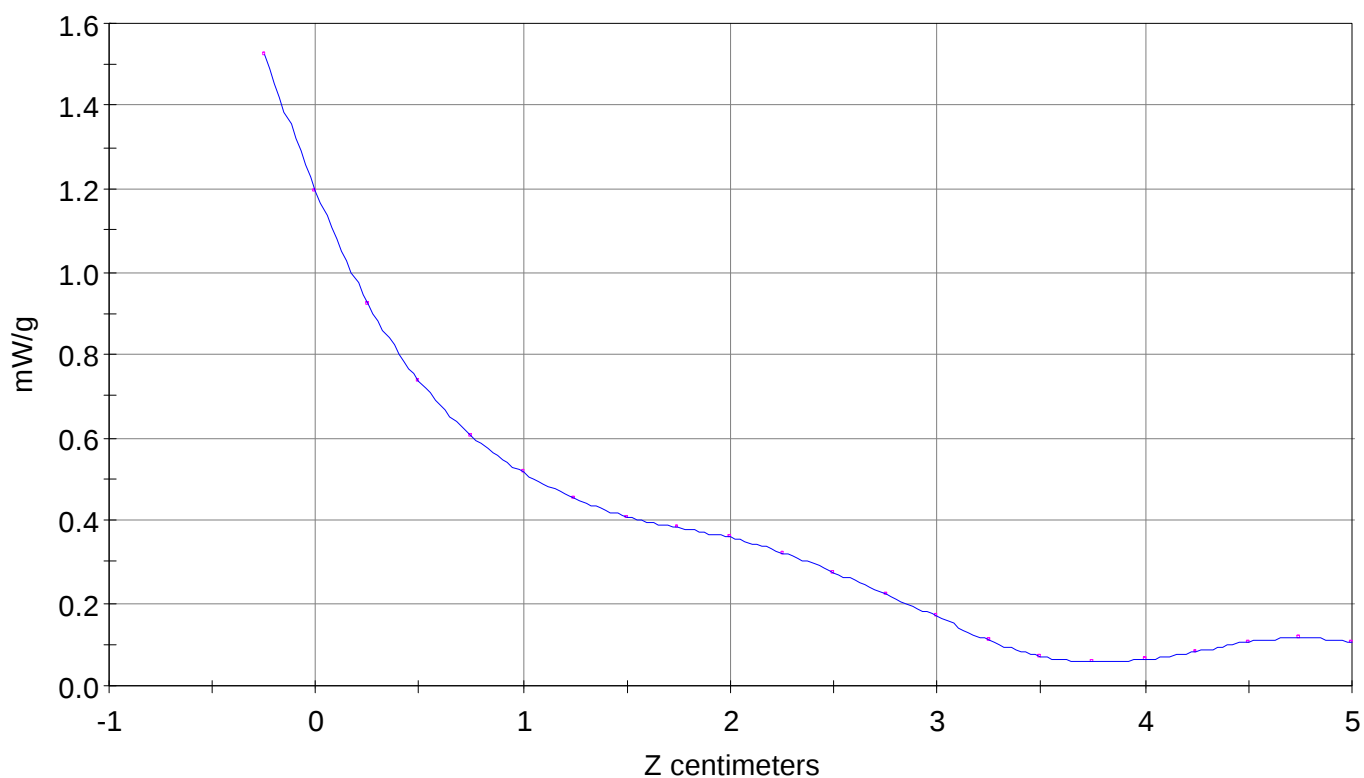
Calc. Voltage @ Surface (Vs) = 0.0184

Voltage @ 1.00 cm (Vt) = 0.0073

Ave. Voltage (Vs+Vt)/2 = 0.0129

Ave. SAR over 1 g (mW/g) = 1.0659

SAR Scan
File : 01052905_ZOOM
Start : 29-May-101 11:14:50 am End : 29-May-101 11:25:01 am
LGE/CU100/1;848.31MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

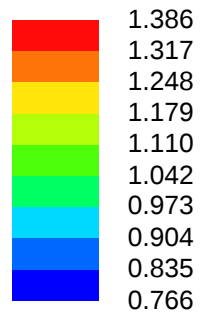
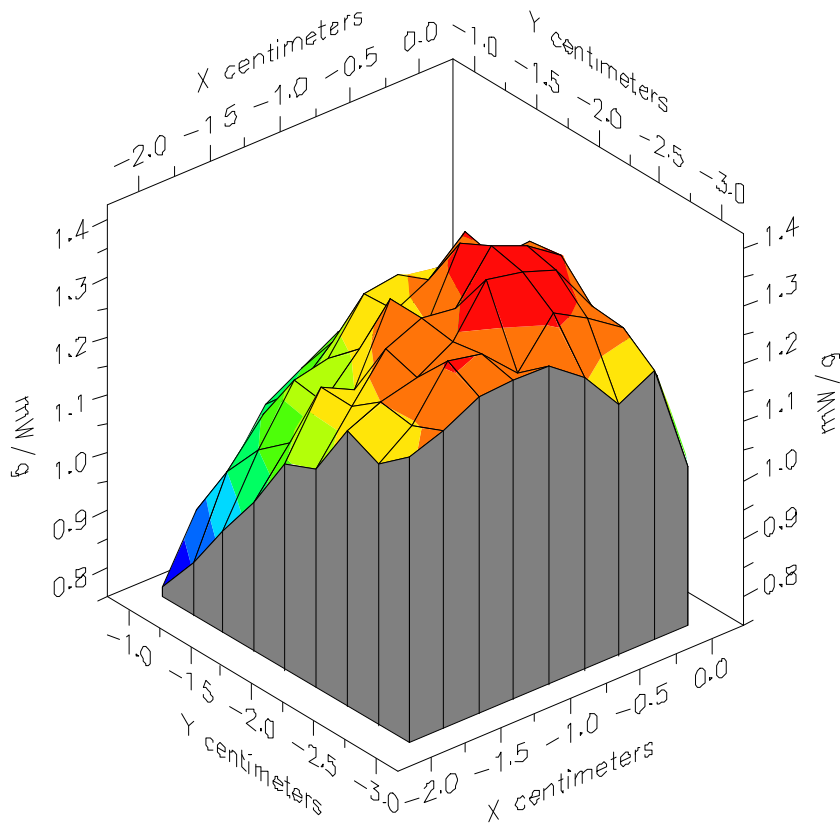


File : 01052905_ZOOM

Start : 29-May-101 11:14:50 am End : 29-May-101 11:25:01 am

LGE/CU100/1;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

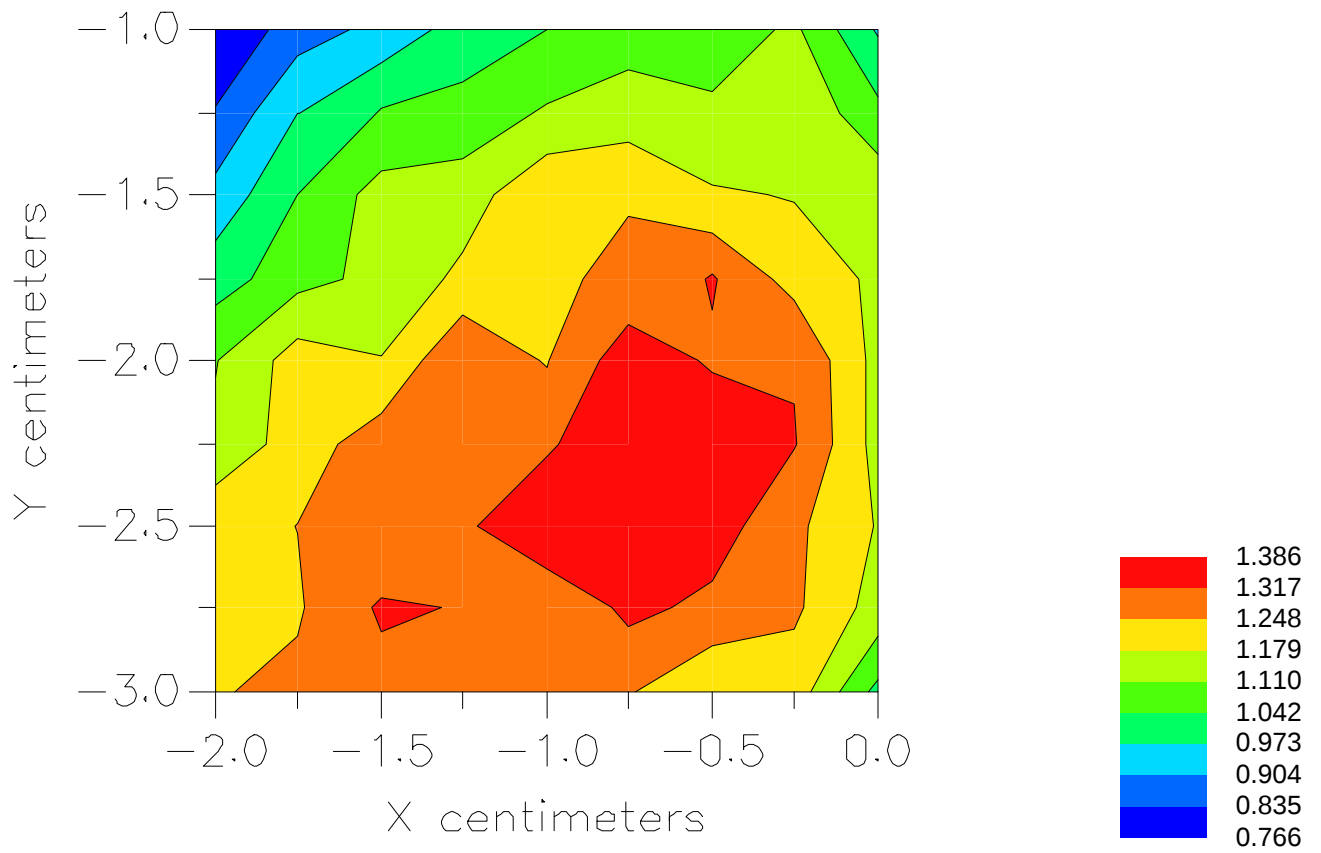


File : 01052905_ZOOM

Start : 29-May-101 11:14:50 am End : 29-May-101 11:25:01 am

LGE/CU100/1;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052903_ZOOM.VLT
Start : 29-May-101 10:53:00 am End : 29-May-101 11:03:27 am

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 0777 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.250, Y = -2.250, Z = 0.000 (cm) Value = 17.362

Measured Values (volts) =
1.691E-002 1.349E-002 1.118E-002 9.091E-003 7.614E-003 6.718E-003
6.187E-003 5.874E-003 5.548E-003 4.995E-003 4.292E-003 3.414E-003
2.431E-003 1.648E-003 1.129E-003 9.304E-004 1.093E-003 1.541E-003
1.939E-003 2.094E-003 1.788E-003

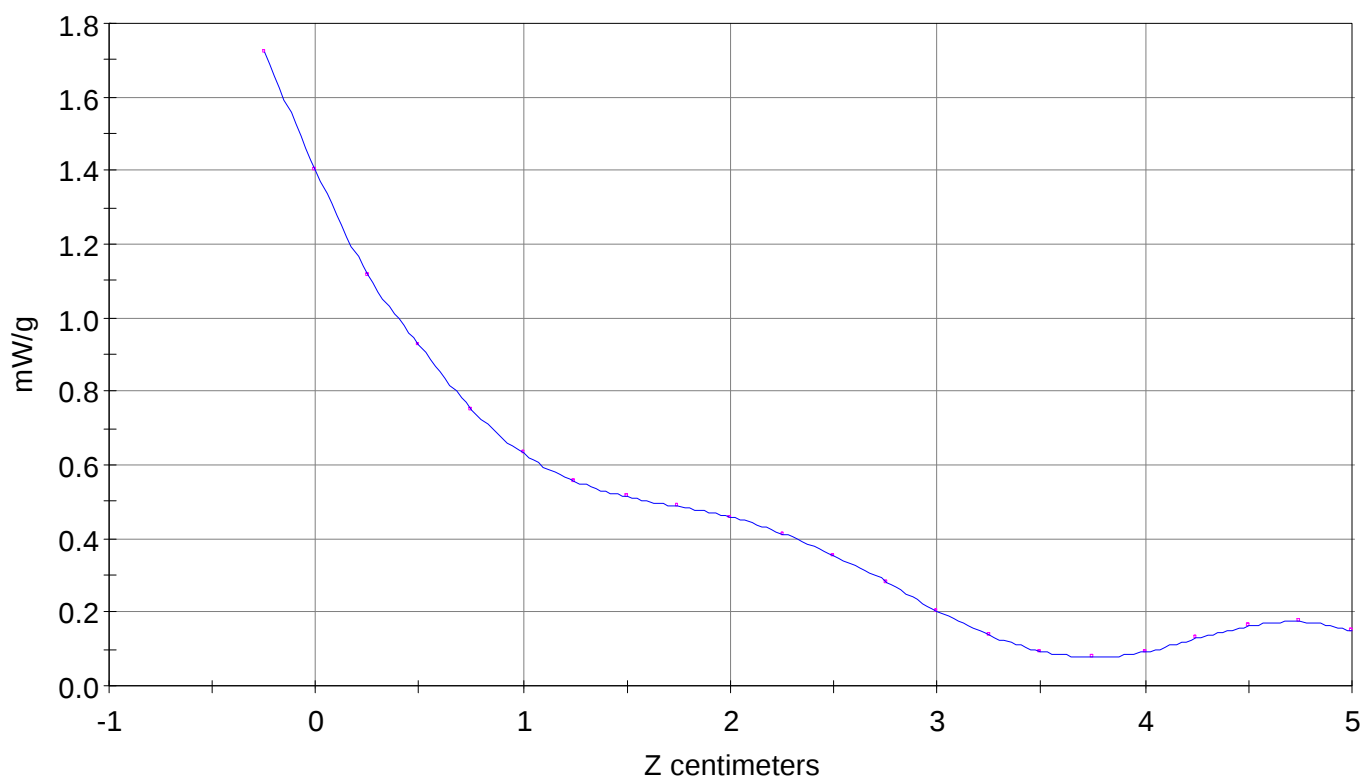
Calc. Voltage @ Surface (Vs) = 0.0208

Voltage @ 1.00 cm (Vt) = 0.0091

Ave. Voltage (Vs+Vt)/2 = 0.0149

Ave. SAR over 1 g (mW/g) = 1.2373

SAR Scan
File : 01052903_ZOOM
Start : 29-May-101 10:53:00 am End : 29-May-101 11:03:27 am
LGE/CU100/1;848.31MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

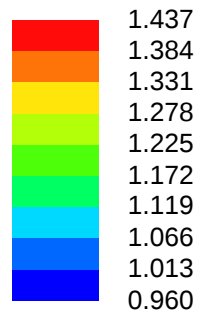
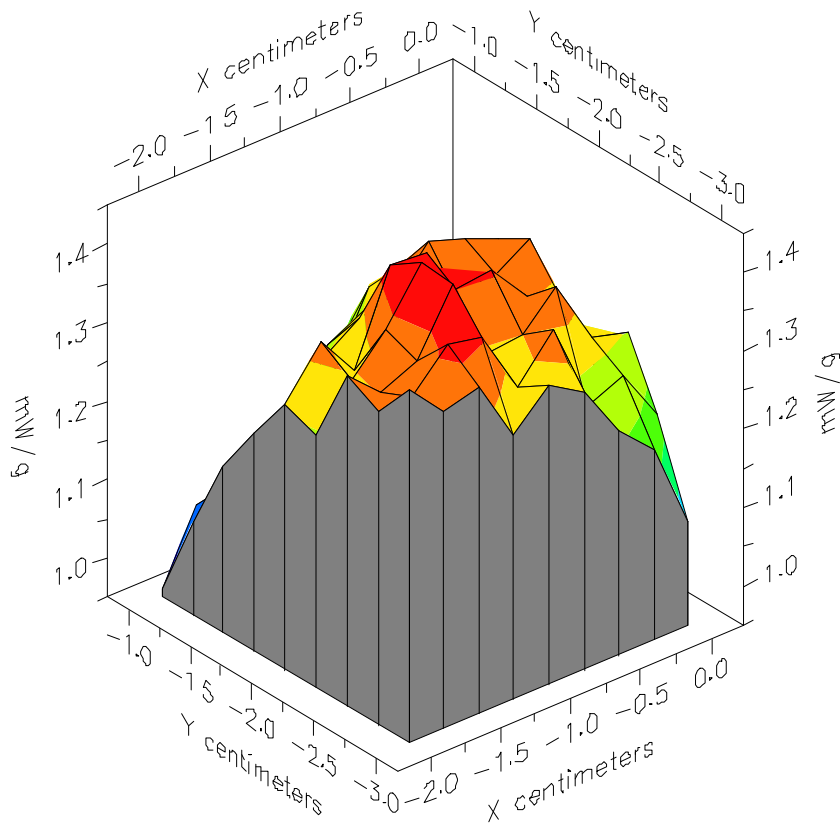


File : 01052903_ZOOM

Start : 29-May-101 10:53:00 am End : 29-May-101 11:03:27 am

LGE/CU100/1;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

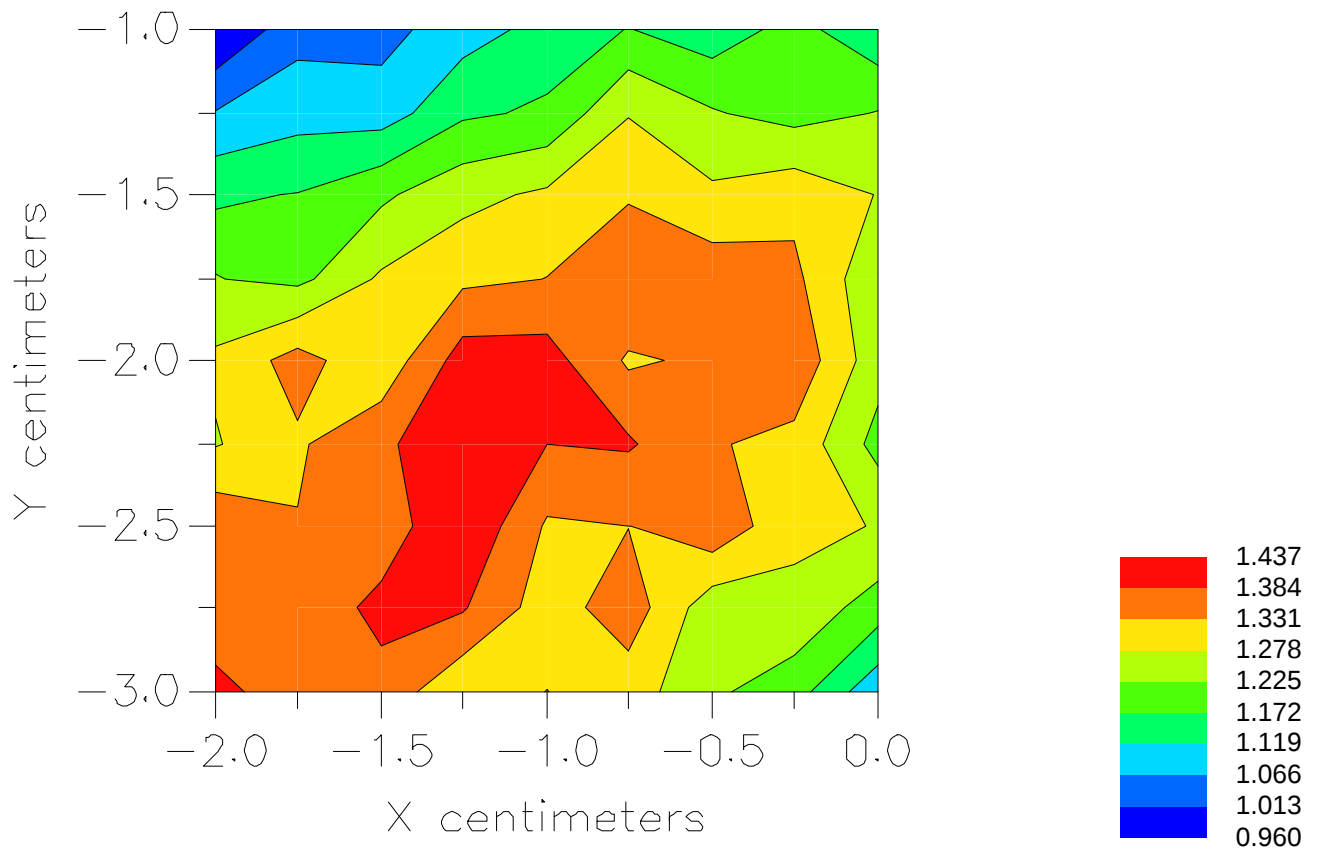


File : 01052903_ZOOM

Start : 29-May-101 10:53:00 am End : 29-May-101 11:03:27 am

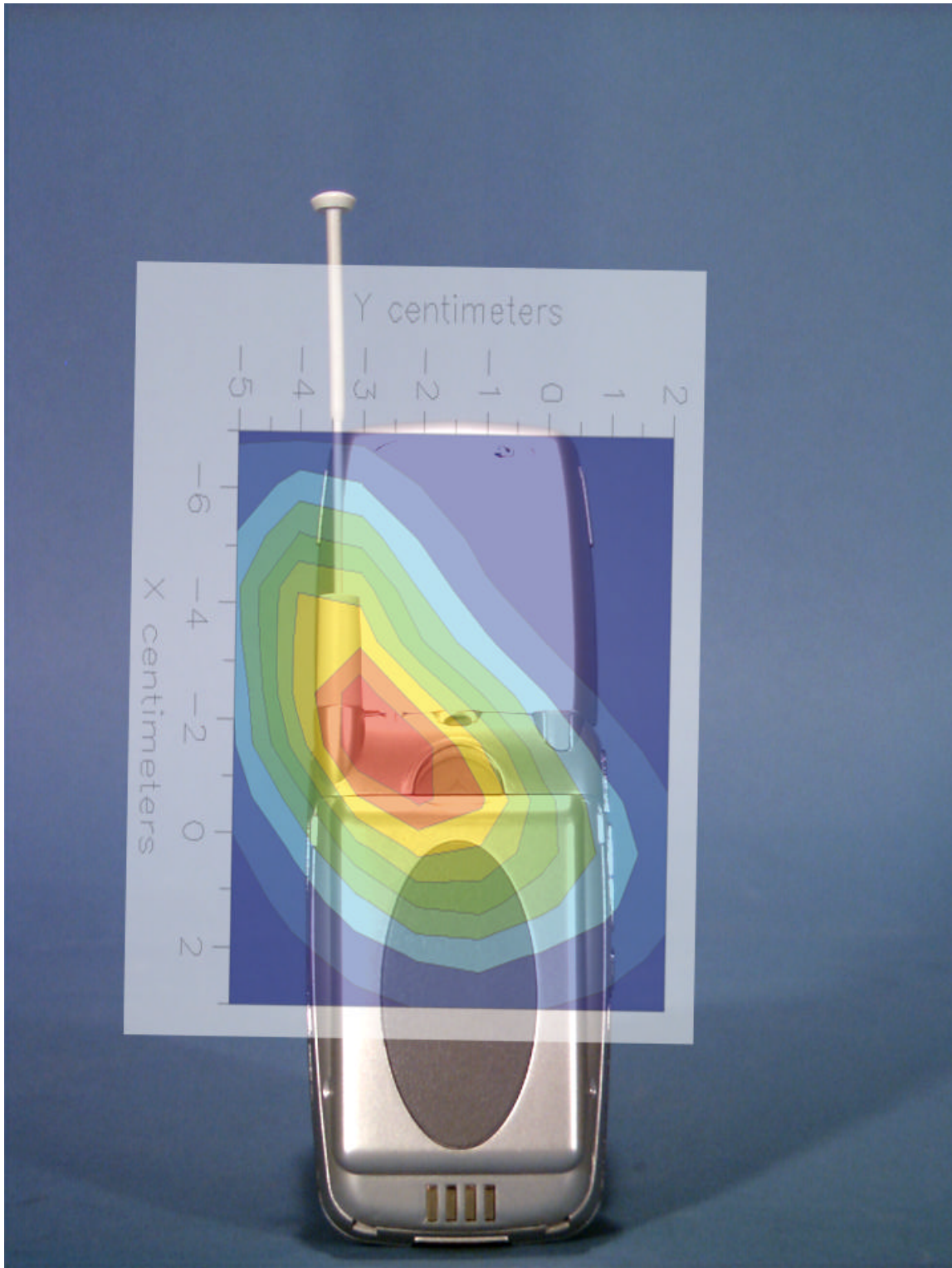
LGE/CU100/1;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



Peak SAR Location

Hand SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052912_SAR.VLT
Start : 29-May-101 04:43:46 pm End : 29-May-101 04:50:29 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 0777 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - HAND SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.500, Y = -3.000, Z = 0.000 (cm) Value = 22.406

Ave. SAR over 10 g (mW/g) = 0.8764

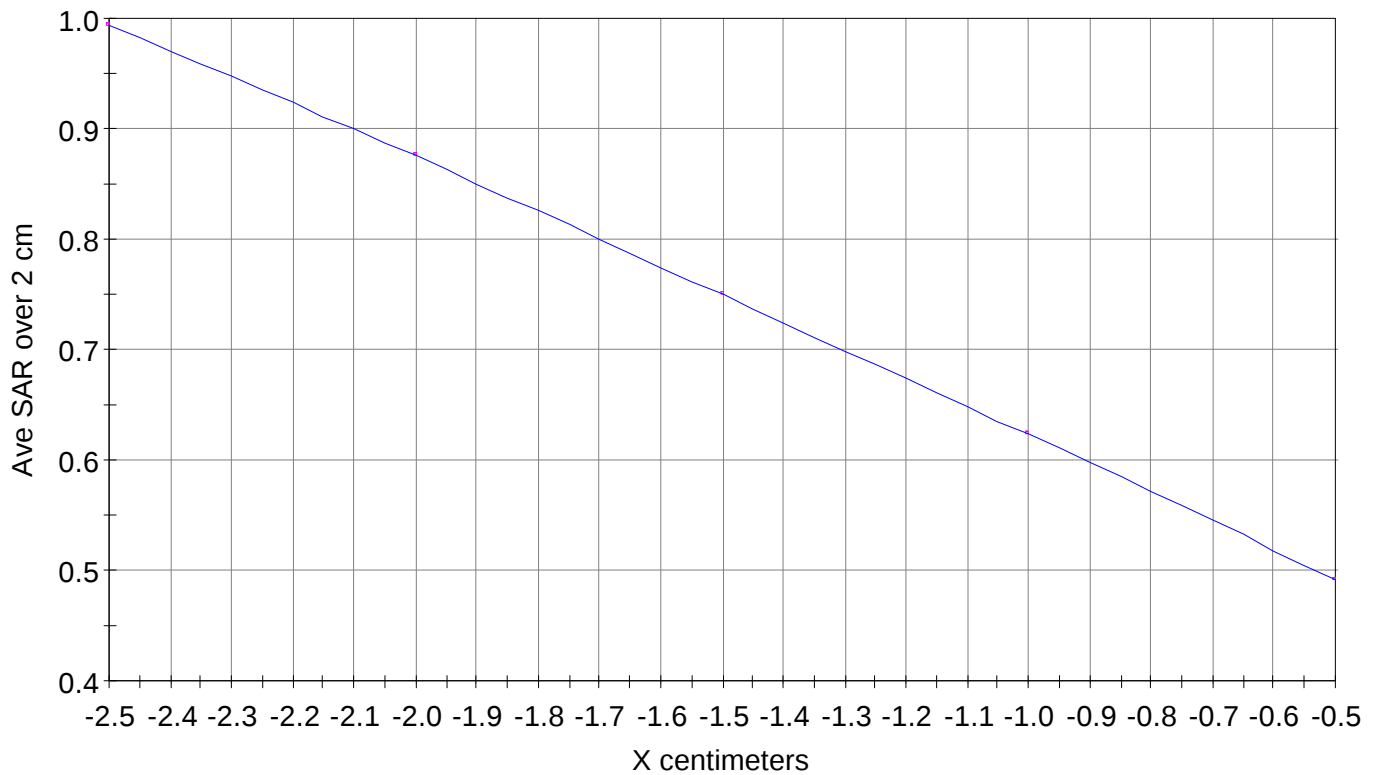
X-Z Plane Slice Y=-3.000

File : 01052912_SAR

Start : 29-May-10 04:43:46 pm End : 29-May-10 04:50:29 pm

LGE/CU100/1;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

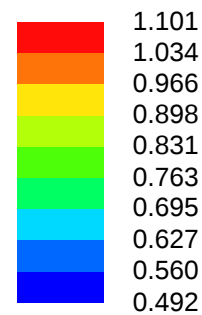
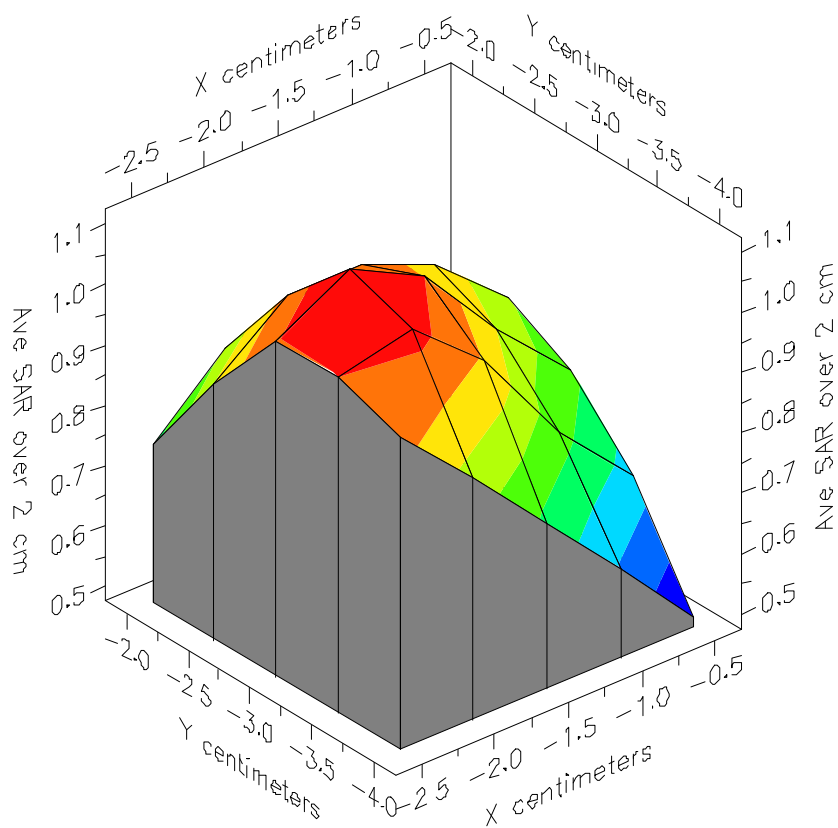


File : 01052912_SAR

Start : 29-May-101 04:43:46 pm End : 29-May-101 04:50:29 pm

LGE/CU100/1;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

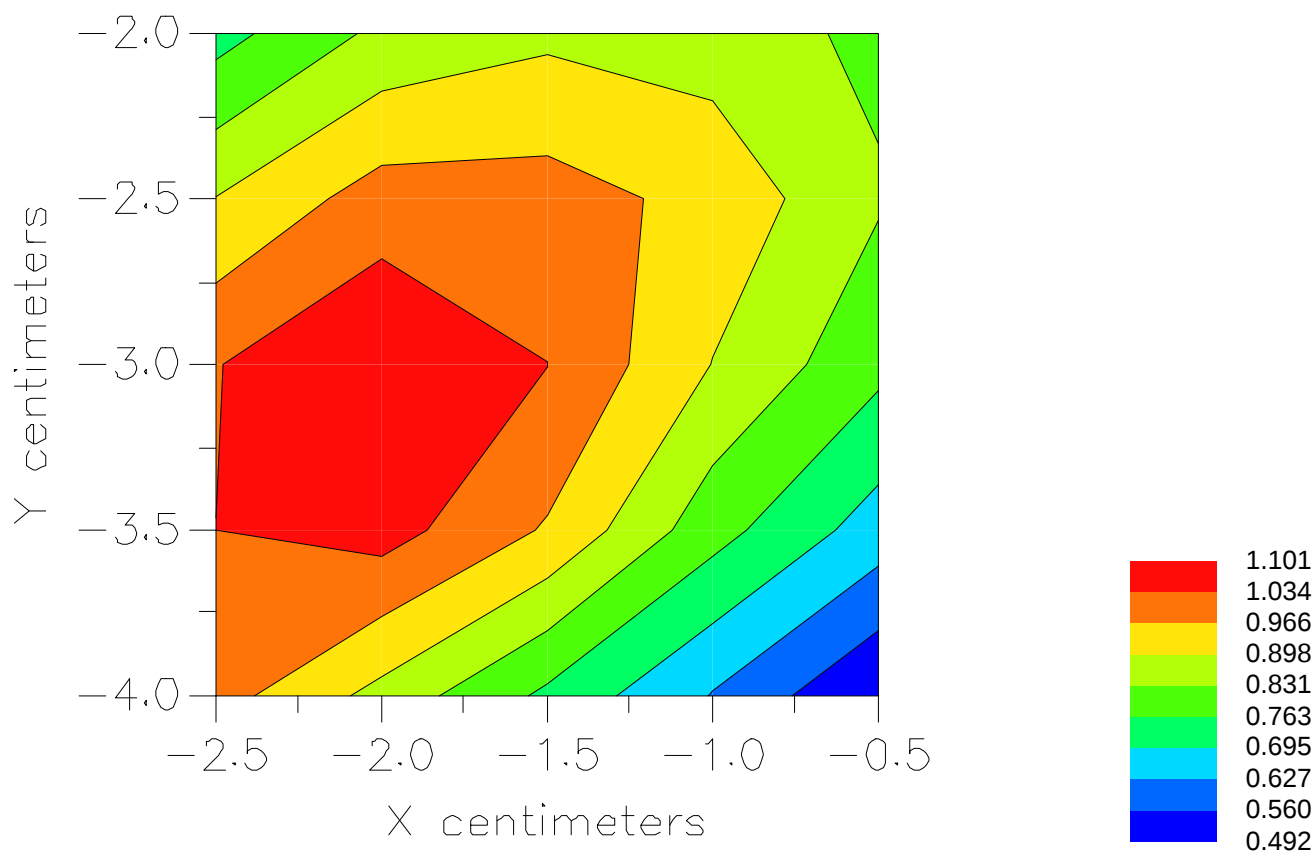


File : 01052912_SAR

Start : 29-May-101 04:43:46 pm End : 29-May-101 04:50:29 pm

LGE/CU100/1;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01052911_SAR.VLT
Start : 29-May-101 02:50:33 pm End : 29-May-101 02:57:14 pm

Radio Type : LGE
Model Number : CU100
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.260 W
Start Trans. Pwr: 0.260 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 = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE PHONE - CDMA MODE
CH 0777 Conducted 23.5 dBm
LGE SINGLE MODE PHONE - HAND SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -3.000, Z = 0.000 (cm) Value = 33.609

Ave. SAR over 10 g (mW/g) = 1.2815

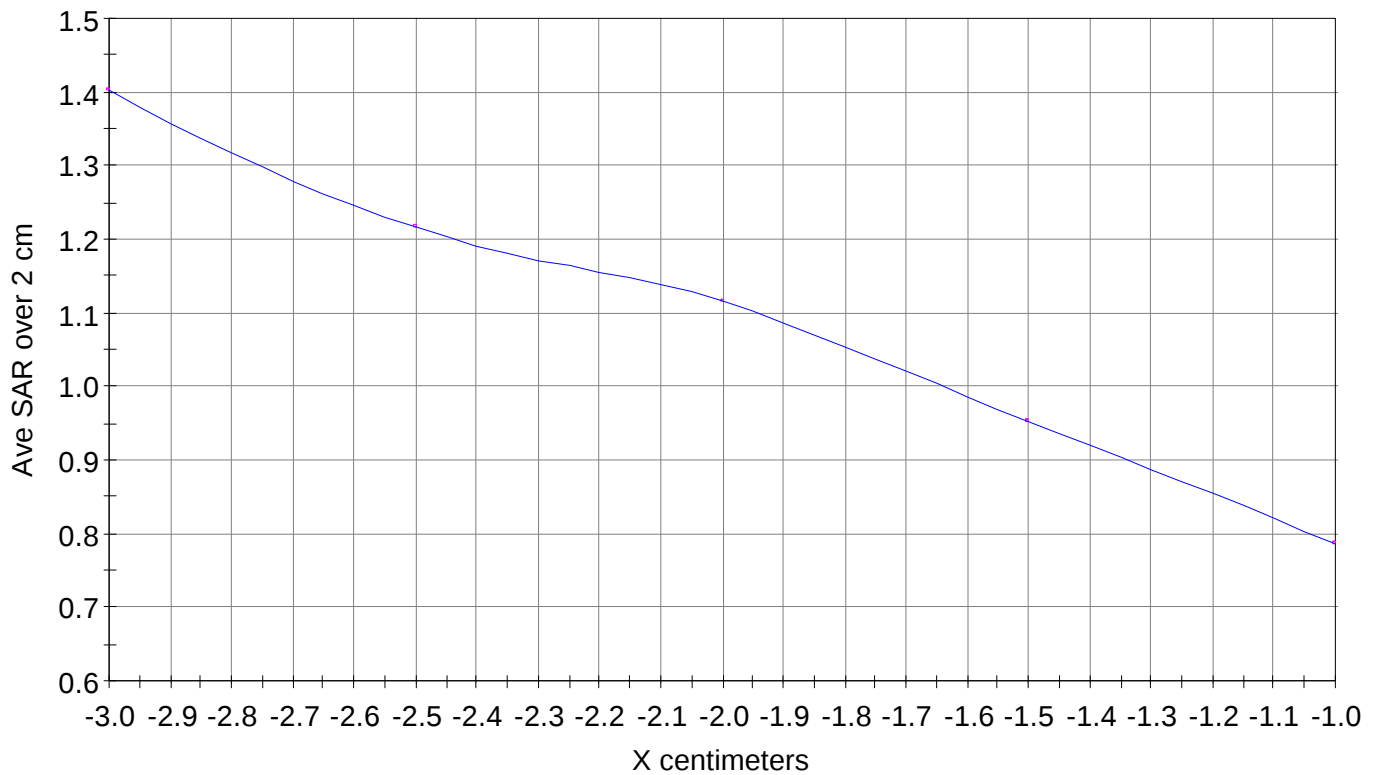
X-Z Plane Slice Y=-3.000

File : 01052911_SAR

Start : 29-May-101 02:50:33 pm End : 29-May-101 02:57:14 pm

LGE/CU100/1;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

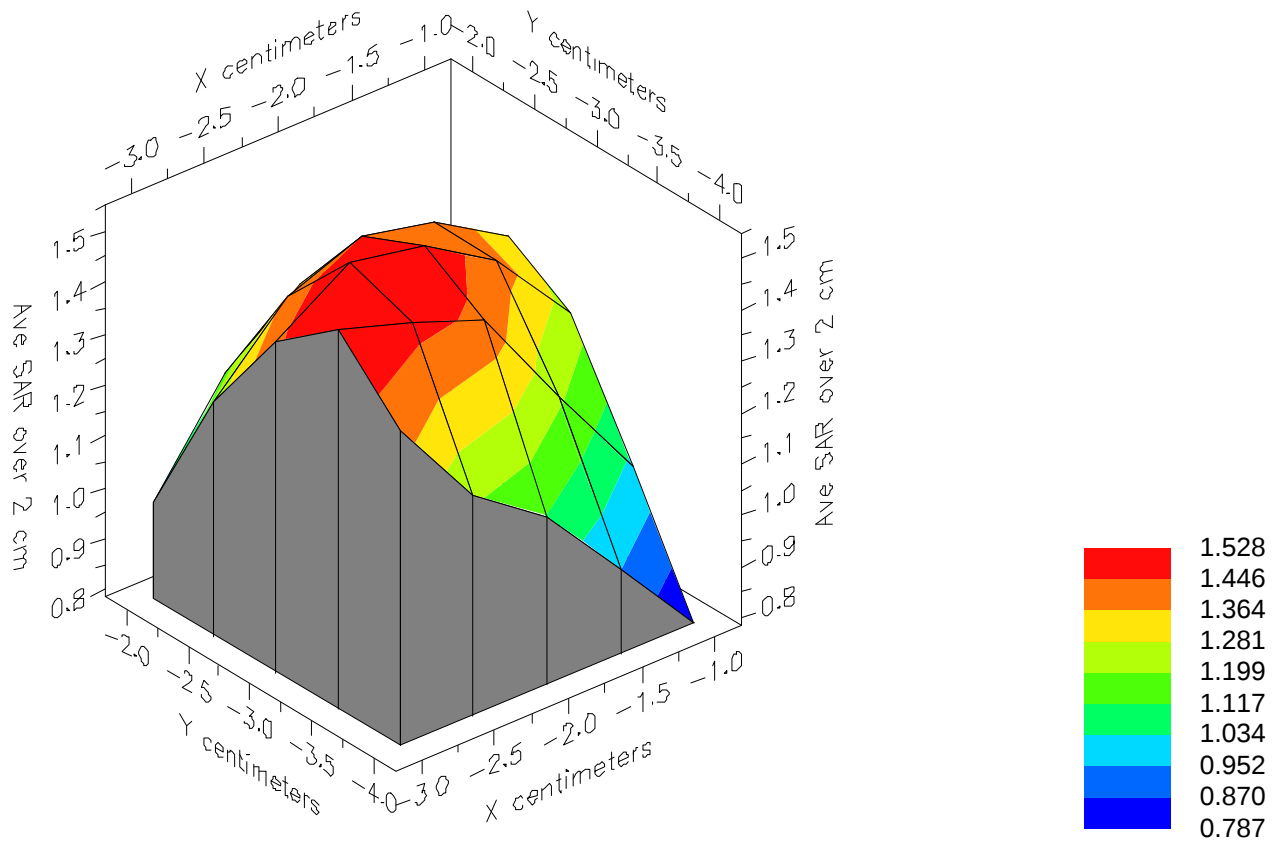


File : 01052911_SAR

Start : 29-May-101 02:50:33 pm End : 29-May-101 02:57:14 pm

LGE/CU100/1;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 01052911_SAR

Start : 29-May-101 02:50:33 pm End : 29-May-101 02:57:14 pm

LGE/CU100/1;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

