

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053005_ZOOM.VLT
Start : 30-May-100 10:17:17 am End : 30-May-100 10:27:44 am

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0991 25.5 dBm conducted body SAR
FCC ID:A3LSPHN100 2cm spacing

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 = -1.000, Z = 0.000 (cm) Value = 16.632

Measured Values (volts) =
1.554E-002 1.260E-002 1.071E-002 8.887E-003 7.340E-003 6.054E-003
5.171E-003 3.997E-003 3.783E-003 3.481E-003 3.354E-003 3.107E-003
2.818E-003 2.336E-003 1.823E-003 1.272E-003 8.174E-004 5.610E-004
5.520E-004 6.788E-004 9.081E-004

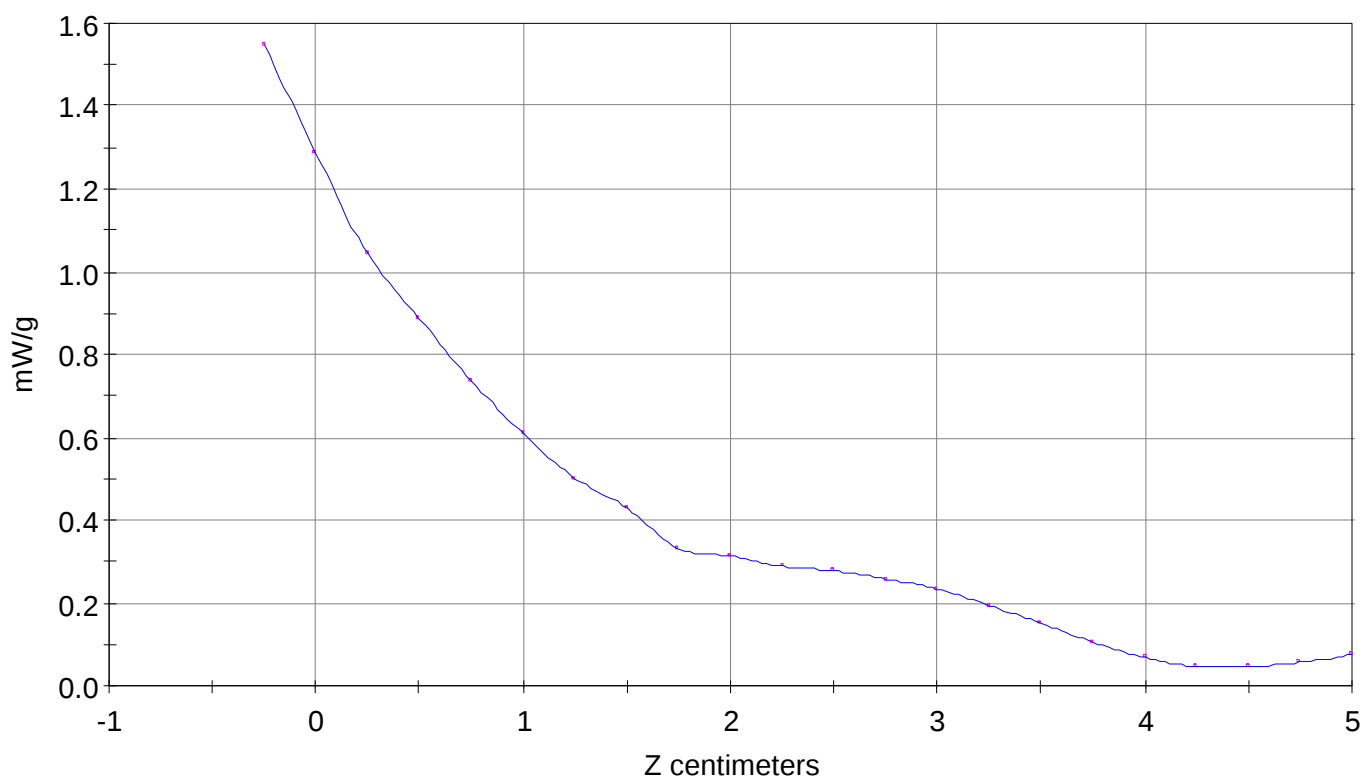
Calc. Voltage @ Surface (Vs) = 0.0187

Voltage @ 1.00 cm (Vt) = 0.0089

Ave. Voltage (Vs+Vt)/2 = 0.0138

Ave. SAR over 1 g (mW/g) = 1.1436

SAR Scan
File : 00053005_ZOOM
Start : 30-May-100 10:17:17 am End : 30-May-100 10:27:44 am
SAMSUNG/SPH-N100/B01E00DA;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

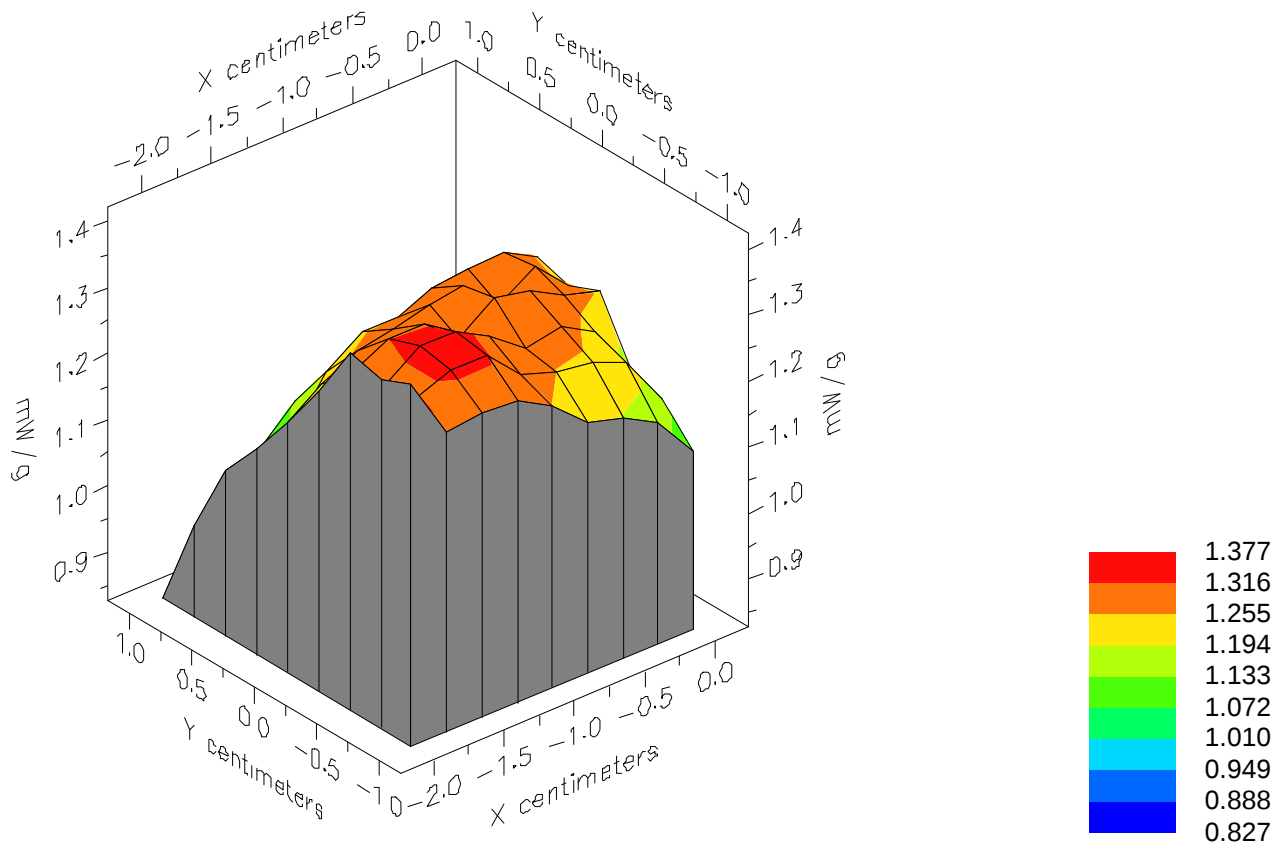


File : 00053005_ZOOM

Start : 30-May-100 10:17:17 am End : 30-May-100 10:27:44 am

SAMSUNG/SPH-N100/B01E00DA;824.04MHz;W;Helical/In;

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

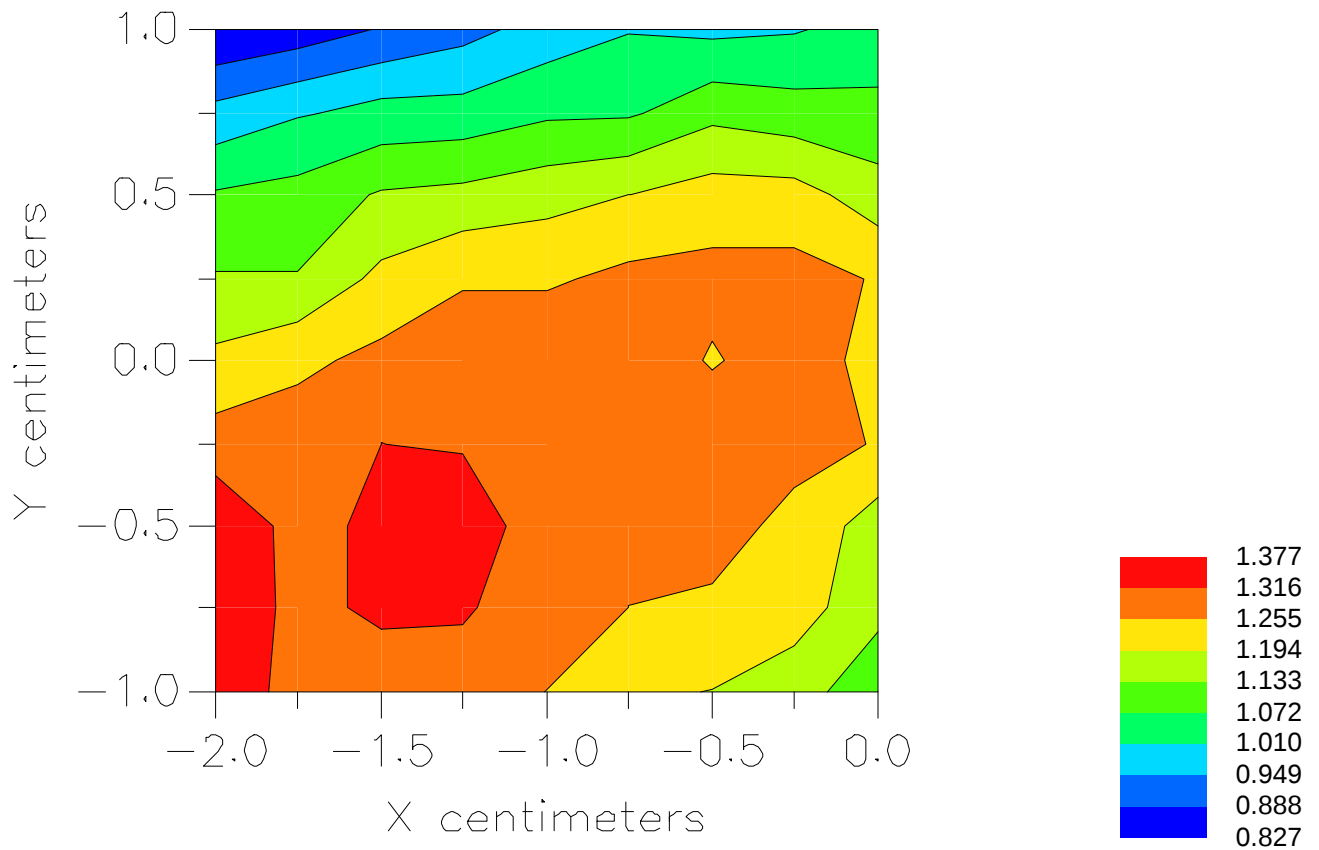


File : 00053005_ZOOM

Start : 30-May-100 10:17:17 am End : 30-May-100 10:27:44 am

SAMSUNG/SPH-N100/B01E00DA;824.04MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053004_ZOOM.VLT
Start : 30-May-100 10:08:51 am End : 30-May-100 10:16:22 am

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0991 25.5 dBm conducted body SAR
FCC ID:A3LSPHN100 2cm spacing

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 = -1.750, Y = -0.750, Z = 0.000 (cm) Value = 14.042

Measured Values (volts) =
1.388E-002 1.120E-002 9.726E-003 8.060E-003 6.802E-003 5.603E-003
4.637E-003 4.017E-003 3.756E-003 3.259E-003 3.274E-003 3.113E-003
2.856E-003 2.491E-003 1.956E-003 1.407E-003 9.466E-004 6.732E-004
6.205E-004 7.619E-004 9.901E-004

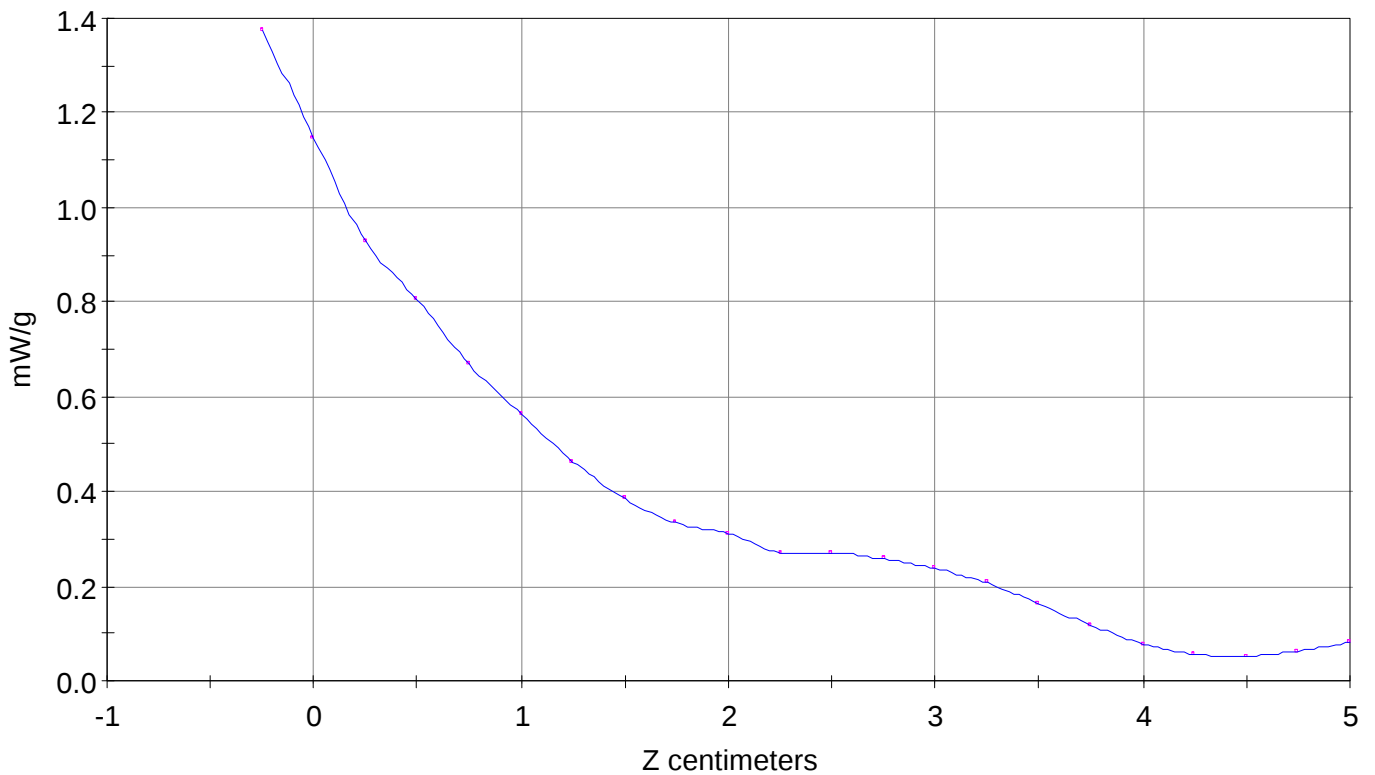
Calc. Voltage @ Surface (Vs) = 0.0166

Voltage @ 1.00 cm (Vt) = 0.0081

Ave. Voltage (Vs+Vt)/2 = 0.0123

Ave. SAR over 1 g (mW/g) = 1.0202

SAR Scan
File : 00053004_ZOOM
Start : 30-May-100 10:08:51 am End : 30-May-100 10:16:22 am
SAMSUNG/SPH-N100/B01E00DA;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

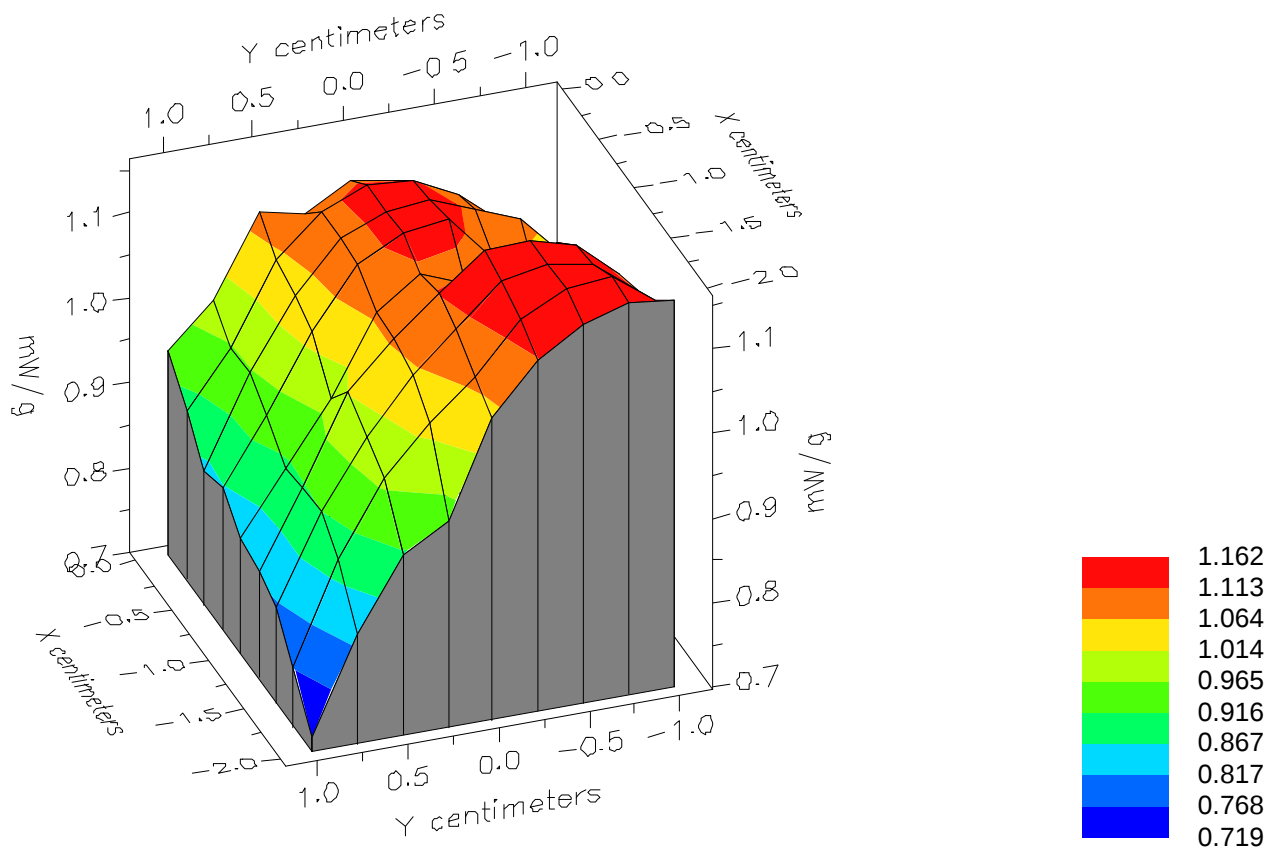


File : 00053004_ZOOM

Start : 30-May-100 10:08:51 am End : 30-May-100 10:16:22 am

SAMSUNG/SPH-N100/B01E00DA;824.04MHz;W;Helical/Out;

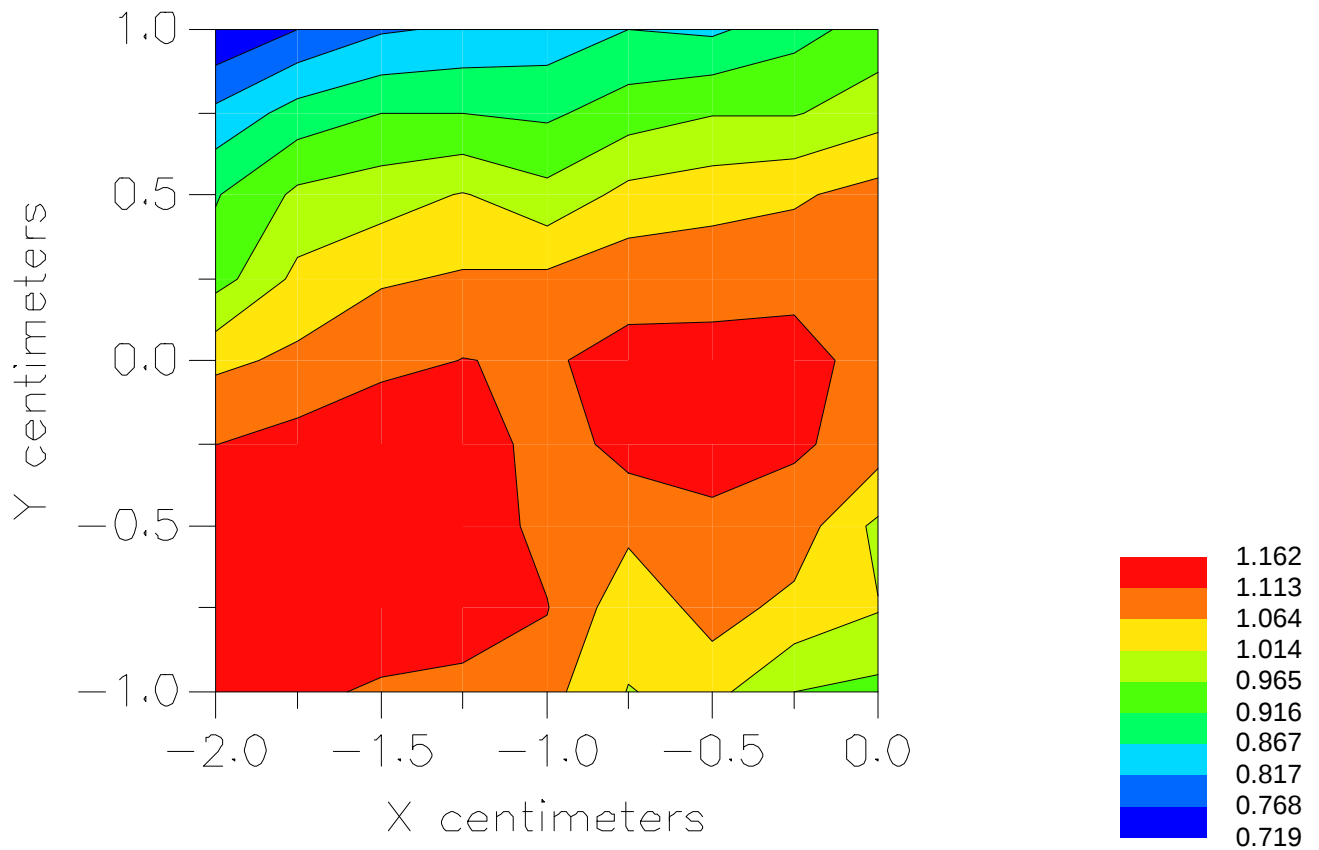
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 00053004_ZOOM

Start : 30-May-100 10:08:51 am End : 30-May-100 10:16:22 am

SAMSUNG/SPH-N100/B01E00DA;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053003_ZOOM.VLT
Start : 30-May-100 09:50:39 am End : 30-May-100 09:58:10 am

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
Frequency : 837.00 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0400 25.5 dBm conducted body SAR
FCC ID:A3LSPHN100 2cm spacing

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 = -0.750, Z = 0.000 (cm) Value = 17.352

Measured Values (volts) =
1.696E-002 1.442E-002 1.222E-002 1.032E-002 8.672E-003 7.237E-003
5.975E-003 4.968E-003 4.372E-003 4.029E-003 3.832E-003 3.617E-003
3.436E-003 2.994E-003 2.403E-003 1.846E-003 1.232E-003 8.230E-004
6.227E-004 6.746E-004 8.013E-004

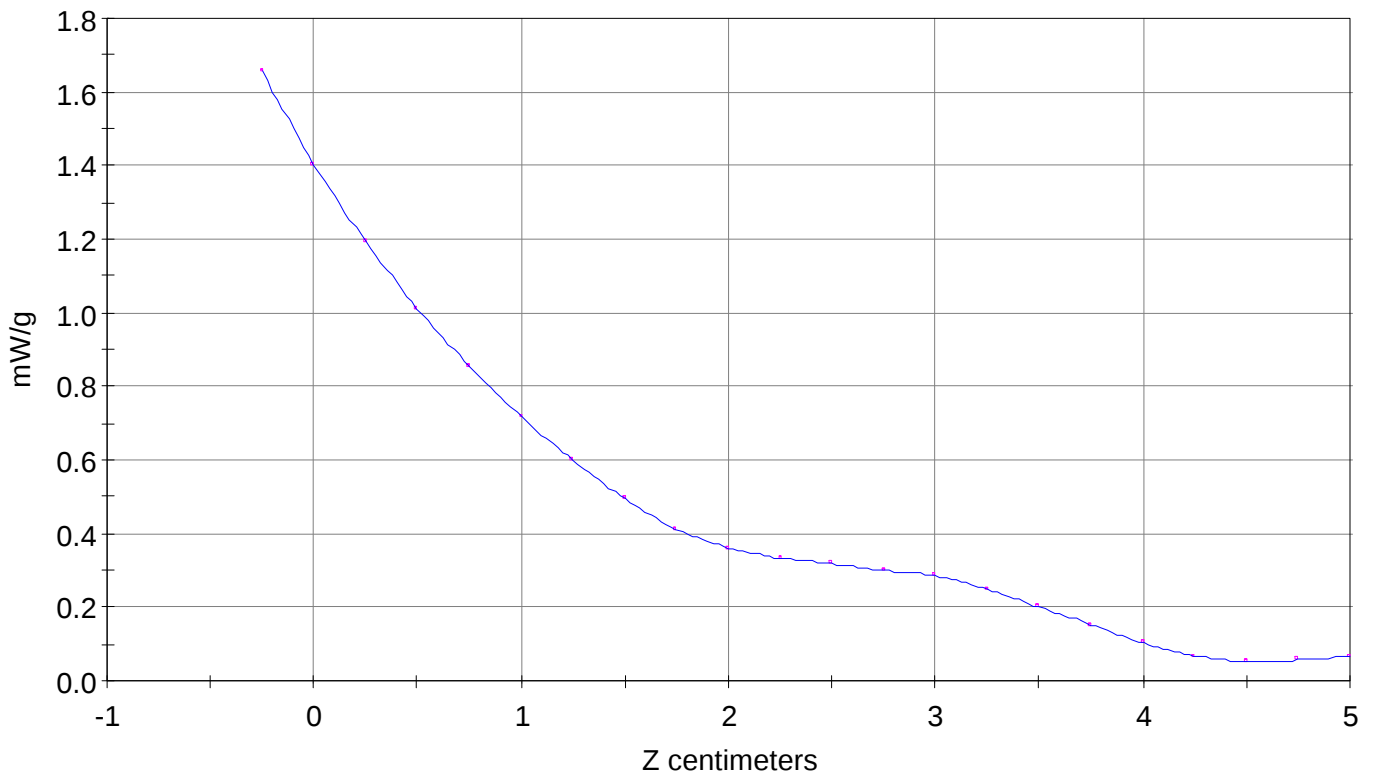
Calc. Voltage @ Surface (Vs) = 0.0200

Voltage @ 1.00 cm (Vt) = 0.0103

Ave. Voltage (Vs+Vt)/2 = 0.0151

Ave. SAR over 1 g (mW/g) = 1.2544

SAR Scan
File : 00053003_ZOOM
Start : 30-May-100 09:50:39 am End : 30-May-100 09:58:10 am
SAMSUNG/SPH-N100/B01E00DA;837.00MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

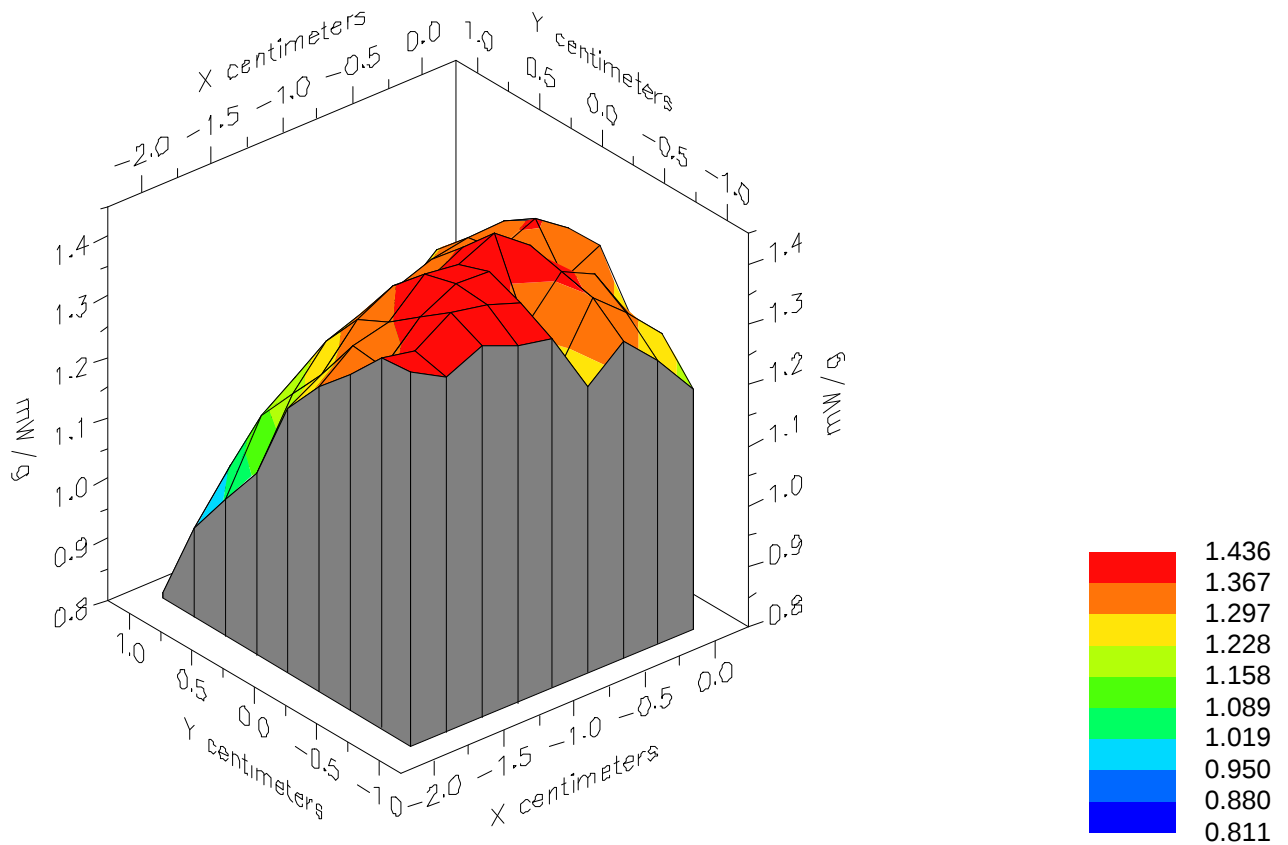


File : 00053003_ZOOM

Start : 30-May-100 09:50:39 am End : 30-May-100 09:58:10 am

SAMSUNG/SPH-N100/B01E00DA;837.00MHz;W;Helical/In;

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

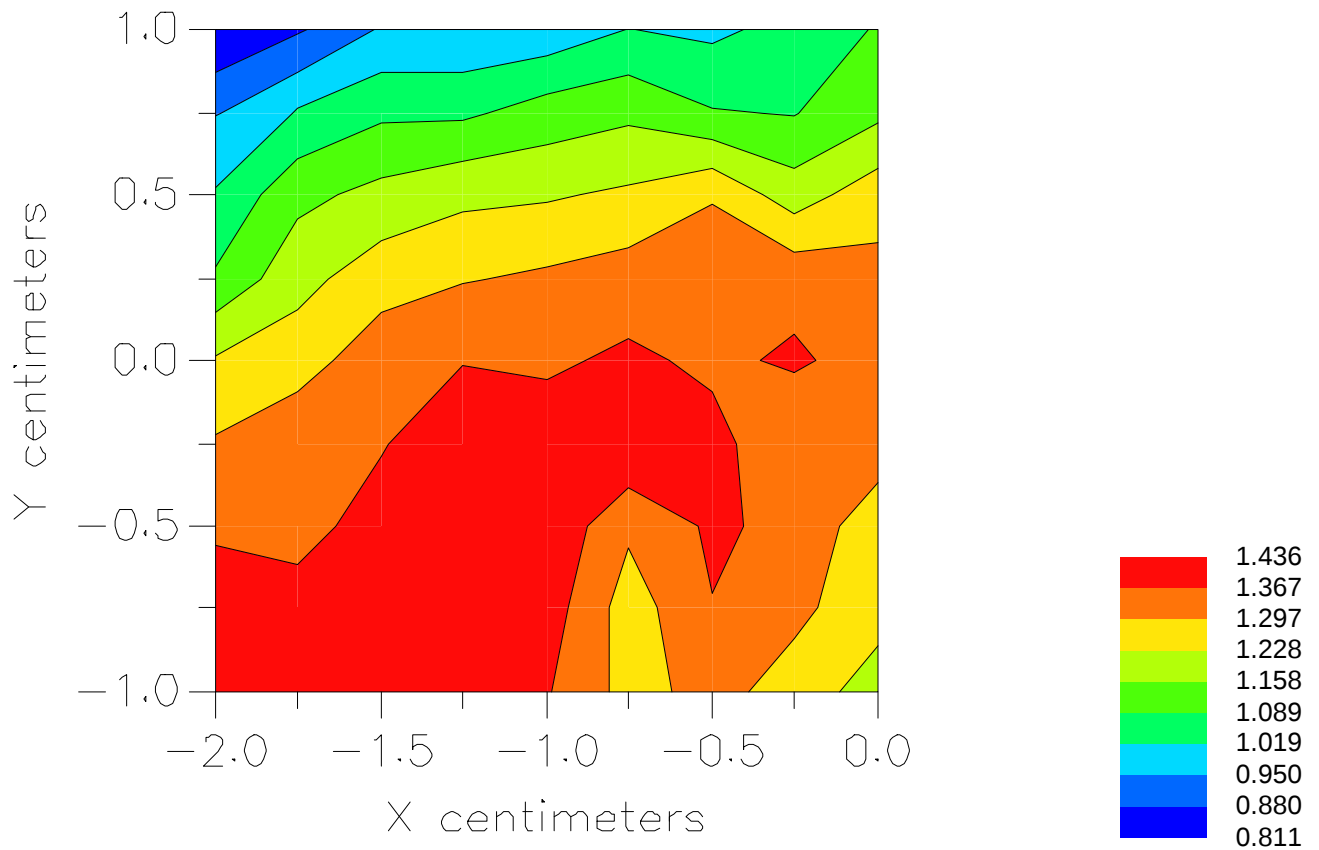


File : 00053003_ZOOM

Start : 30-May-100 09:50:39 am End : 30-May-100 09:58:10 am

SAMSUNG/SPH-N100/B01E00DA;837.00MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053002_ZOOM.VLT
Start : 30-May-100 09:26:26 am End : 30-May-100 09:36:51 am

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
Frequency : 837.00 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0400 25.5 dBm conducted body SAR
FCC ID:A3LSPHN100 2cm spacing

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 = -0.750, Z = 0.000 (cm) Value = 13.474

Measured Values (volts) =
1.323E-002 1.039E-002 8.673E-003 7.151E-003 6.067E-003 5.155E-003
4.205E-003 3.613E-003 3.215E-003 2.983E-003 2.799E-003 2.812E-003
2.397E-003 2.099E-003 1.637E-003 1.192E-003 8.241E-004 6.204E-004
5.907E-004 6.057E-004 9.382E-004

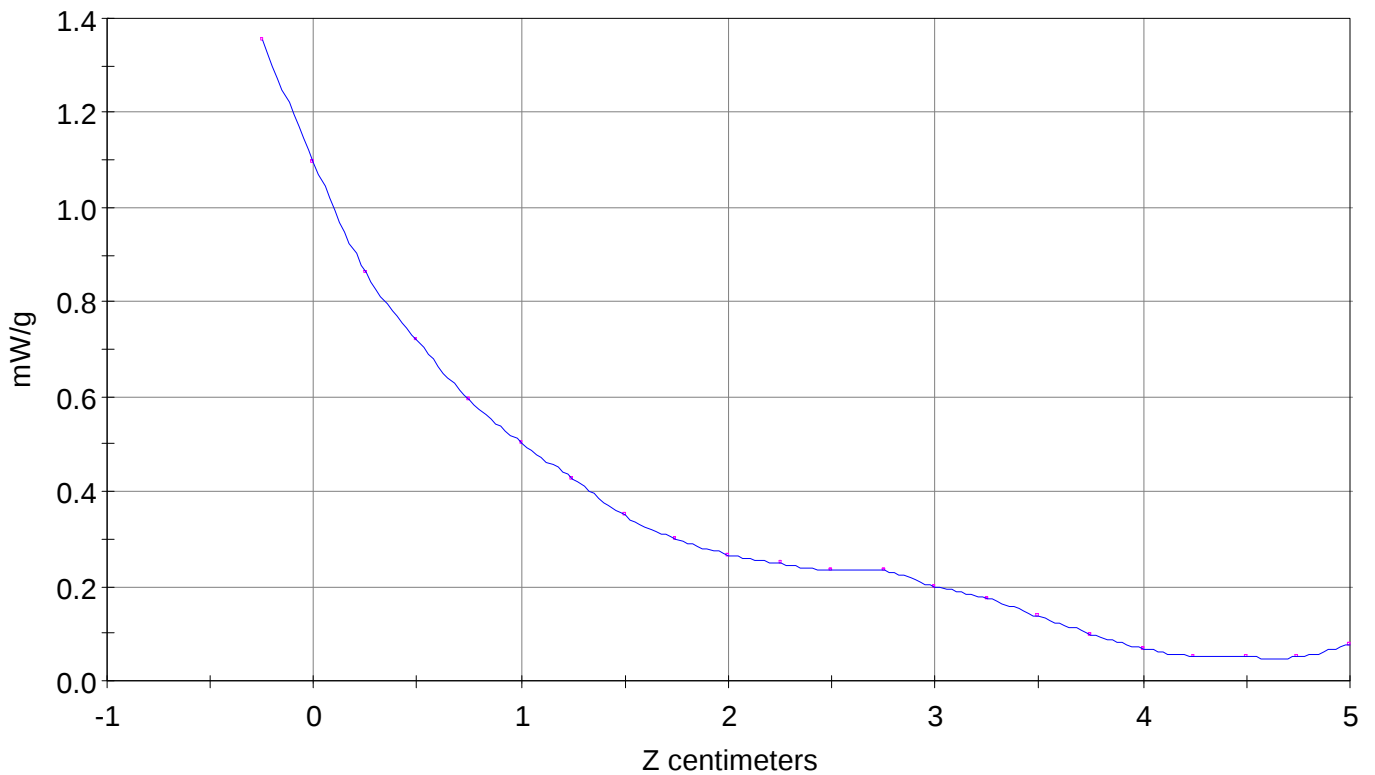
Calc. Voltage @ Surface (Vs) = 0.0163

Voltage @ 1.00 cm (Vt) = 0.0072

Ave. Voltage (Vs+Vt)/2 = 0.0117

Ave. SAR over 1 g (mW/g) = 0.9722

SAR Scan
File : 00053002_ZOOM
Start : 30-May-100 09:26:26 am End : 30-May-100 09:36:51 am
SAMSUNG/SPH-N100/B01E00DA;837.00MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

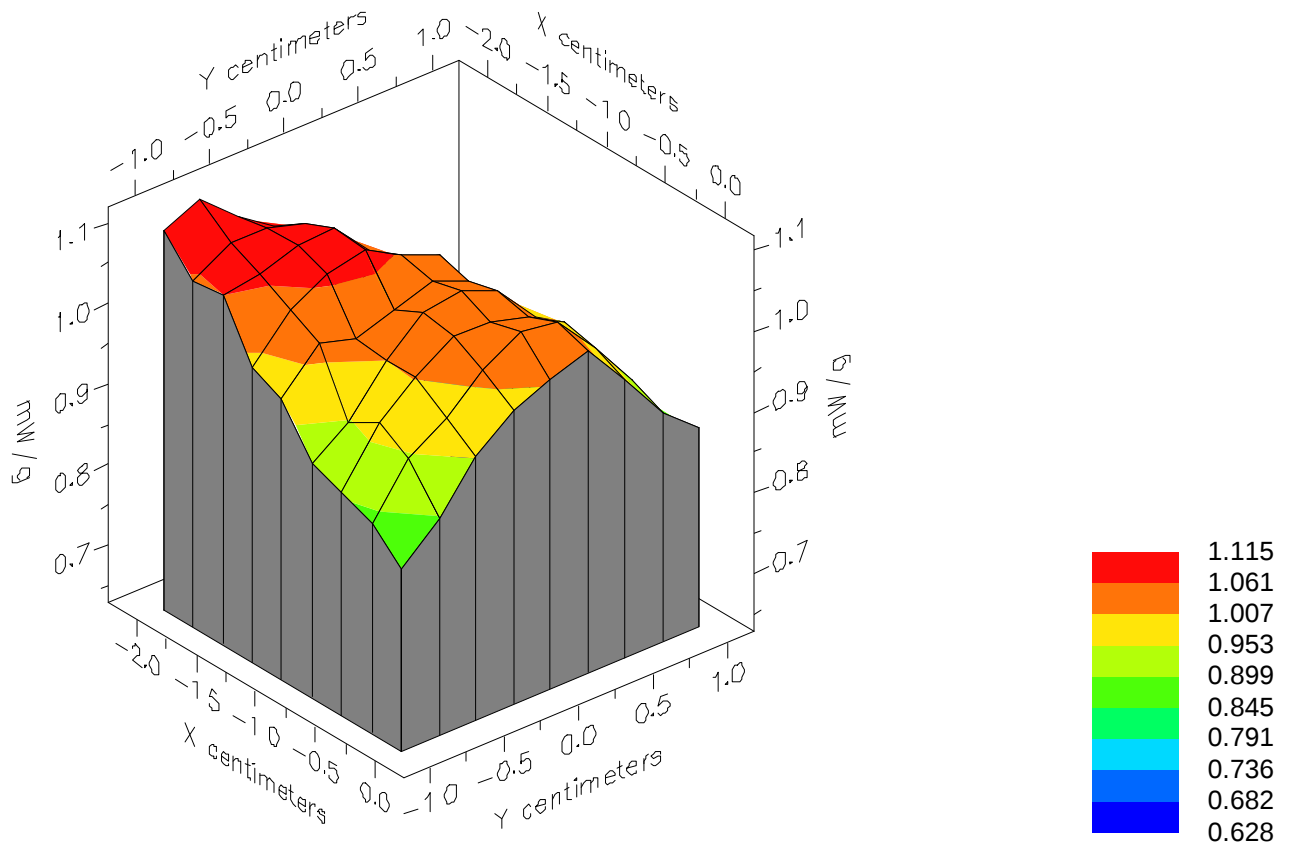


File : 00053002_ZOOM

Start : 30-May-100 09:26:26 am End : 30-May-100 09:36:51 am

SAMSUNG/SPH-N100/B01E00DA;837.00MHz;W;Helical/Out;

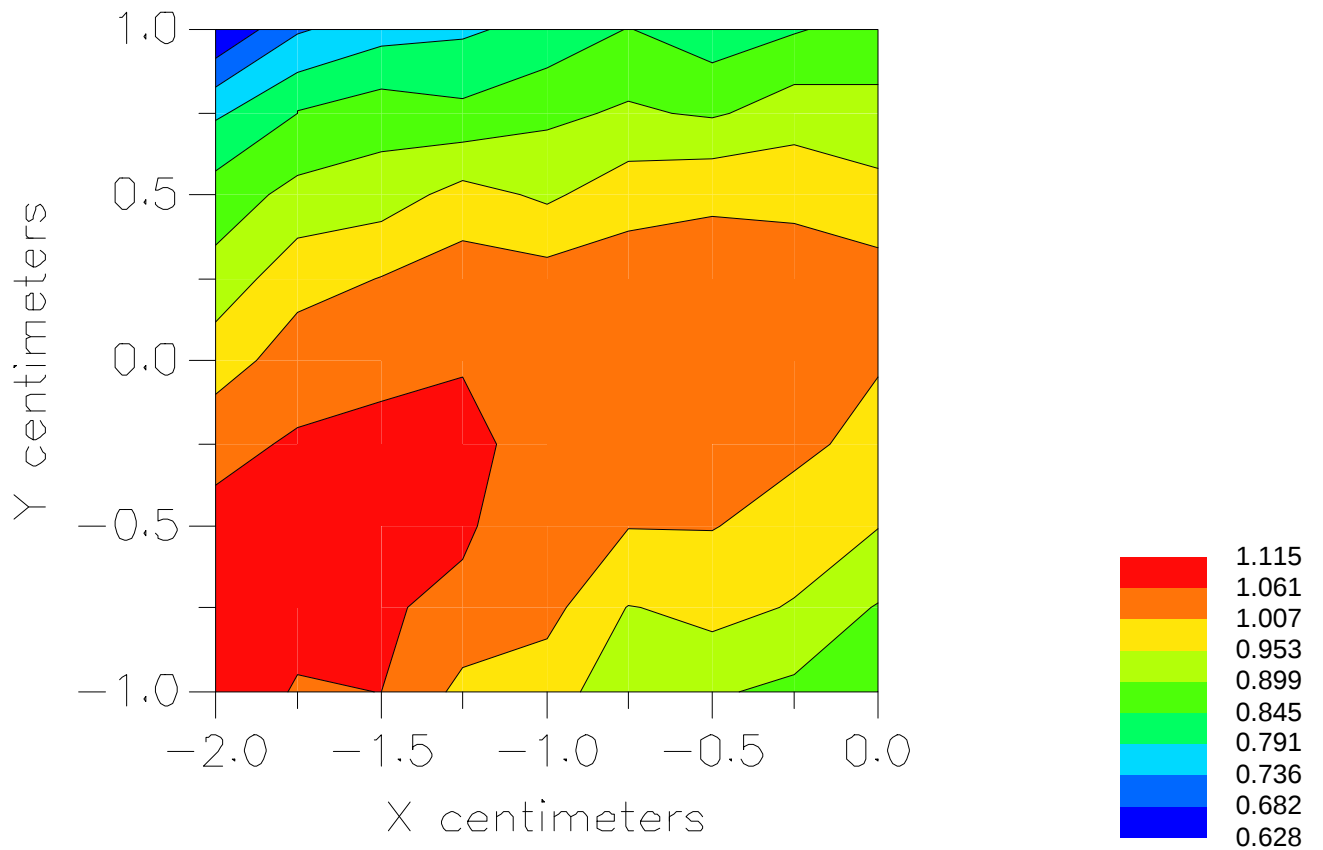
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 00053002_ZOOM

Start : 30-May-100 09:26:26 am End : 30-May-100 09:36:51 am

SAMSUNG/SPH-N100/B01E00DA;837.00MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053006_ZOOM.VLT
Start : 30-May-100 10:40:16 am End : 30-May-100 10:50:46 am

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0799 25.5 dBm conducted body SAR
FCC ID:A3LSPHN100 2cm spacing

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 = -1.750, Y = -0.750, Z = 0.000 (cm) Value = 16.947

Measured Values (volts) =
1.658E-002 1.351E-002 1.159E-002 9.820E-003 8.343E-003 6.890E-003
5.608E-003 4.739E-003 4.100E-003 3.763E-003 3.525E-003 3.308E-003
3.068E-003 2.697E-003 2.182E-003 1.580E-003 1.084E-003 6.840E-004
5.653E-004 6.333E-004 8.559E-004

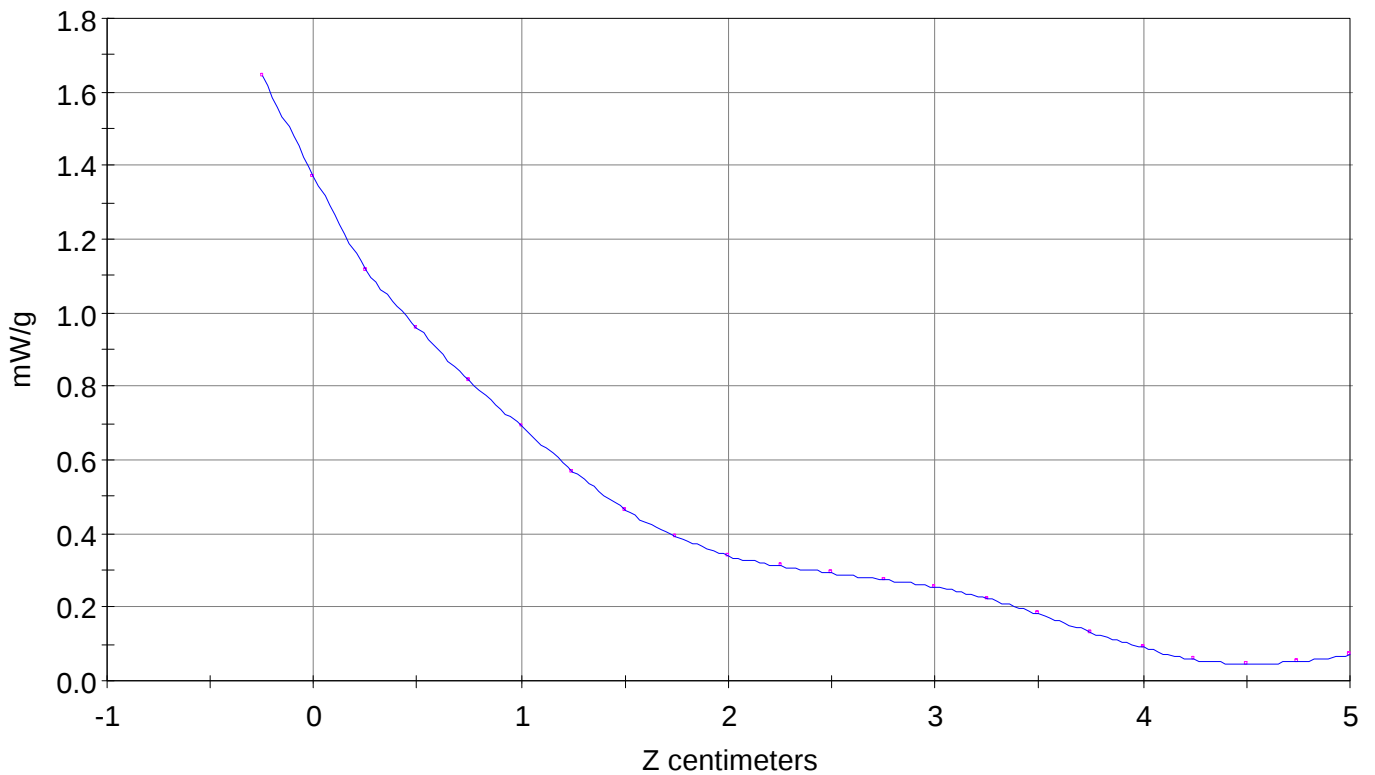
Calc. Voltage @ Surface (Vs) = 0.0198

Voltage @ 1.00 cm (Vt) = 0.0098

Ave. Voltage (Vs+Vt)/2 = 0.0148

Ave. SAR over 1 g (mW/g) = 1.2274

SAR Scan
File : 00053006_ZOOM
Start : 30-May-100 10:40:16 am End : 30-May-100 10:50:46 am
SAMSUNG/SPH-N100/B01E00DA;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

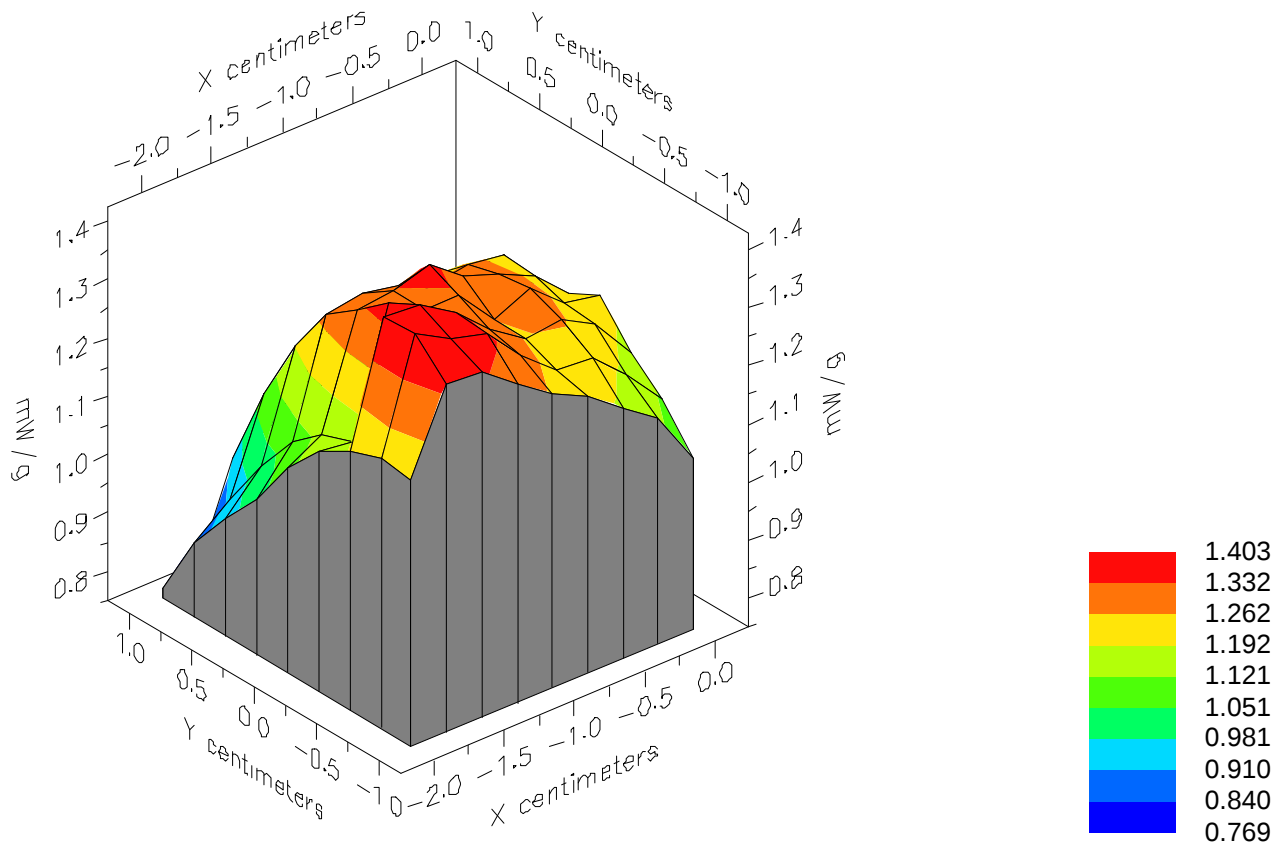


File : 00053006_ZOOM

Start : 30-May-100 10:40:16 am End : 30-May-100 10:50:46 am

SAMSUNG/SPH-N100/B01E00DA;848.97MHz;W;Helical/In;

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

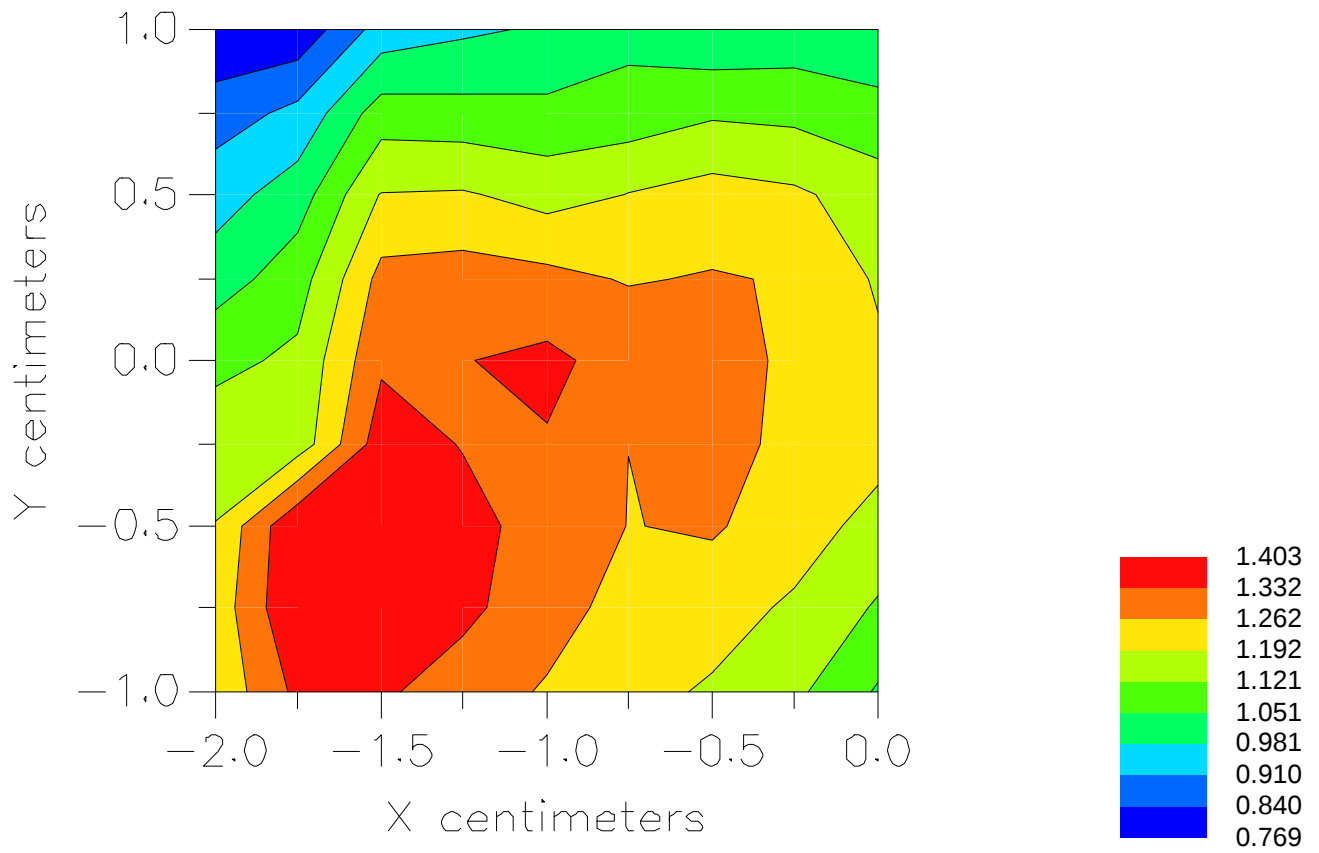


File : 00053006_ZOOM

Start : 30-May-100 10:40:16 am End : 30-May-100 10:50:46 am

SAMSUNG/SPH-N100/B01E00DA;848.97MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053007_ZOOM.VLT
Start : 30-May-100 11:00:21 am End : 30-May-100 11:07:52 am

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0799 25.5 dBm conducted body SAR
FCC ID:A3LSPHN100 2 cm spacing

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 = -0.750, Z = 0.000 (cm) Value = 14.163

Measured Values (volts) =
1.388E-002 1.124E-002 9.555E-003 8.101E-003 6.837E-003 5.588E-003
4.614E-003 3.923E-003 3.487E-003 3.240E-003 3.087E-003 2.941E-003
2.661E-003 2.363E-003 1.831E-003 1.345E-003 9.003E-004 6.265E-004
5.447E-004 6.648E-004 8.843E-004

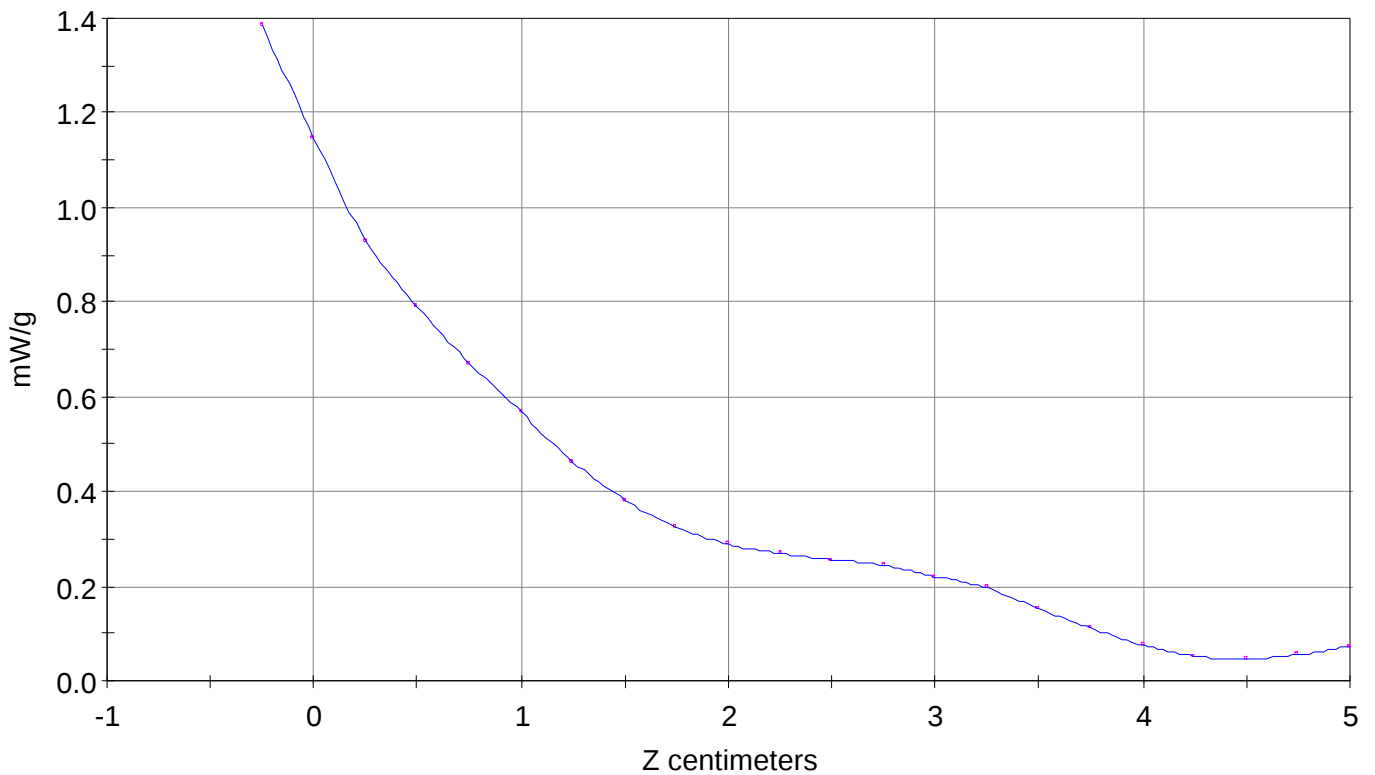
Calc. Voltage @ Surface (Vs) = 0.0167

Voltage @ 1.00 cm (Vt) = 0.0081

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

Ave. SAR over 1 g (mW/g) = 1.0276

SAR Scan
File : 00053007_ZOOM
Start : 30-May-100 11:00:21 am End : 30-May-100 11:07:52 am
SAMSUNG/SPH-N100/B01E00DA;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

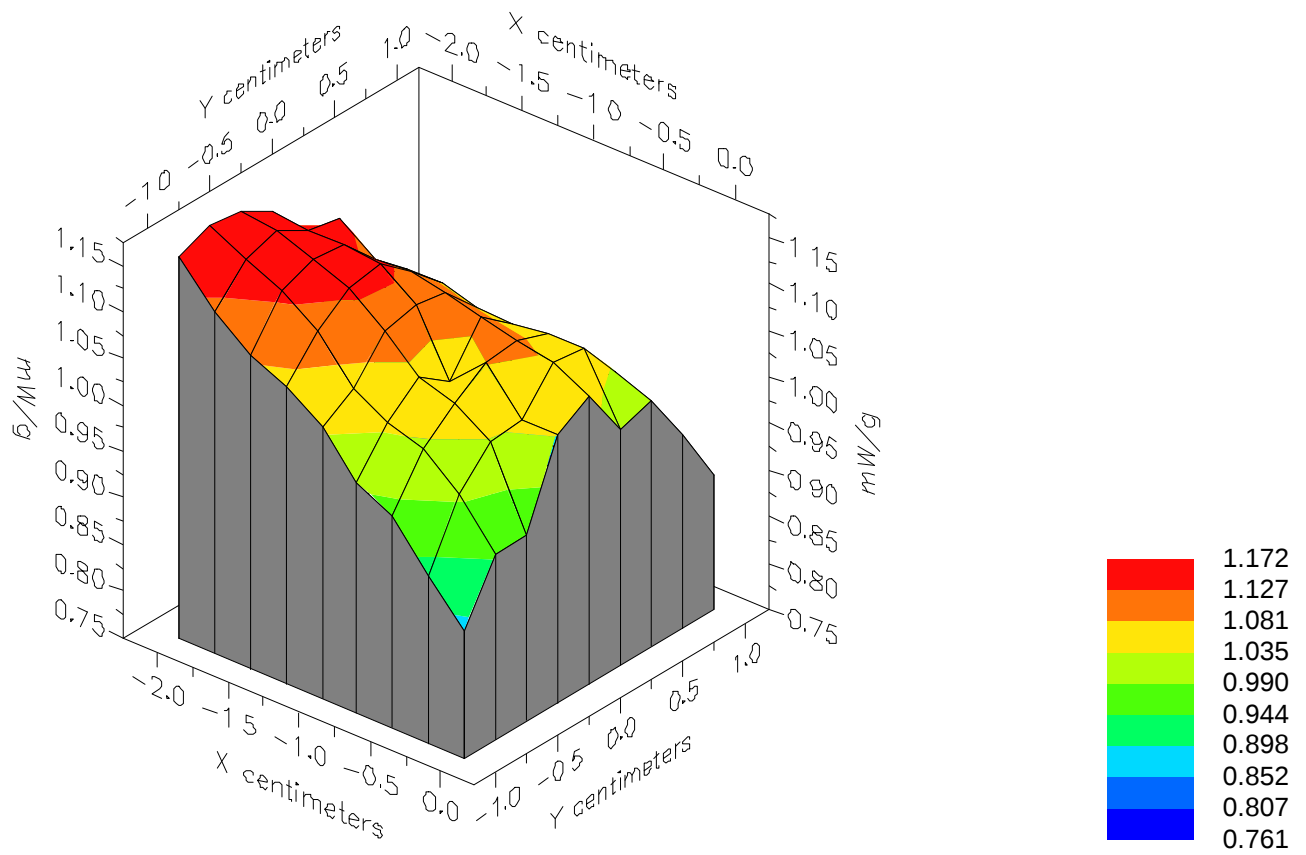


File : 00053007_ZOOM

Start : 30-May-100 11:00:21 am End : 30-May-100 11:07:52 am

SAMSUNG/SPH-N100/B01E00DA;848.97MHz;W;Helical/Out;

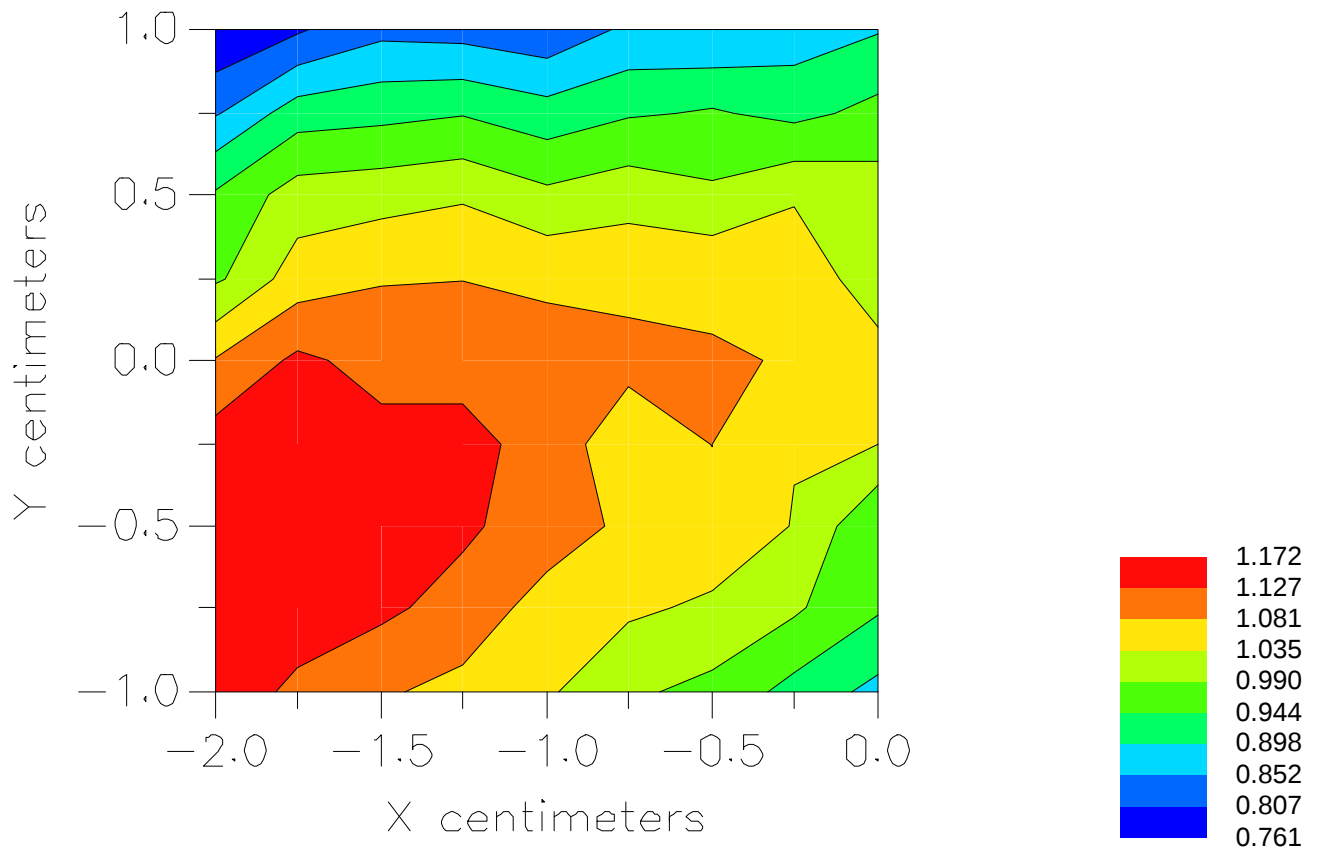
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 00053007_ZOOM

Start : 30-May-100 11:00:21 am End : 30-May-100 11:07:52 am

SAMSUNG/SPH-N100/B01E00DA;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053014_ZOOM.VLT
Start : 30-May-100 04:19:59 pm End : 30-May-100 04:27:33 pm

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
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 DUAL BAND PHONE CDMA MODE
CHAN 0025 24.0 dBm conducted body SAR
FCC ID:A3LSPHN100

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 = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 6.989

Measured Values (volts) =
6.839E-003 5.415E-003 4.473E-003 3.559E-003 2.874E-003 2.278E-003
1.774E-003 1.468E-003 1.571E-003 9.880E-004 9.108E-004 8.322E-004
7.571E-004 6.302E-004 4.559E-004 3.398E-004 2.063E-004 1.129E-004
6.029E-005 3.760E-005 6.515E-005

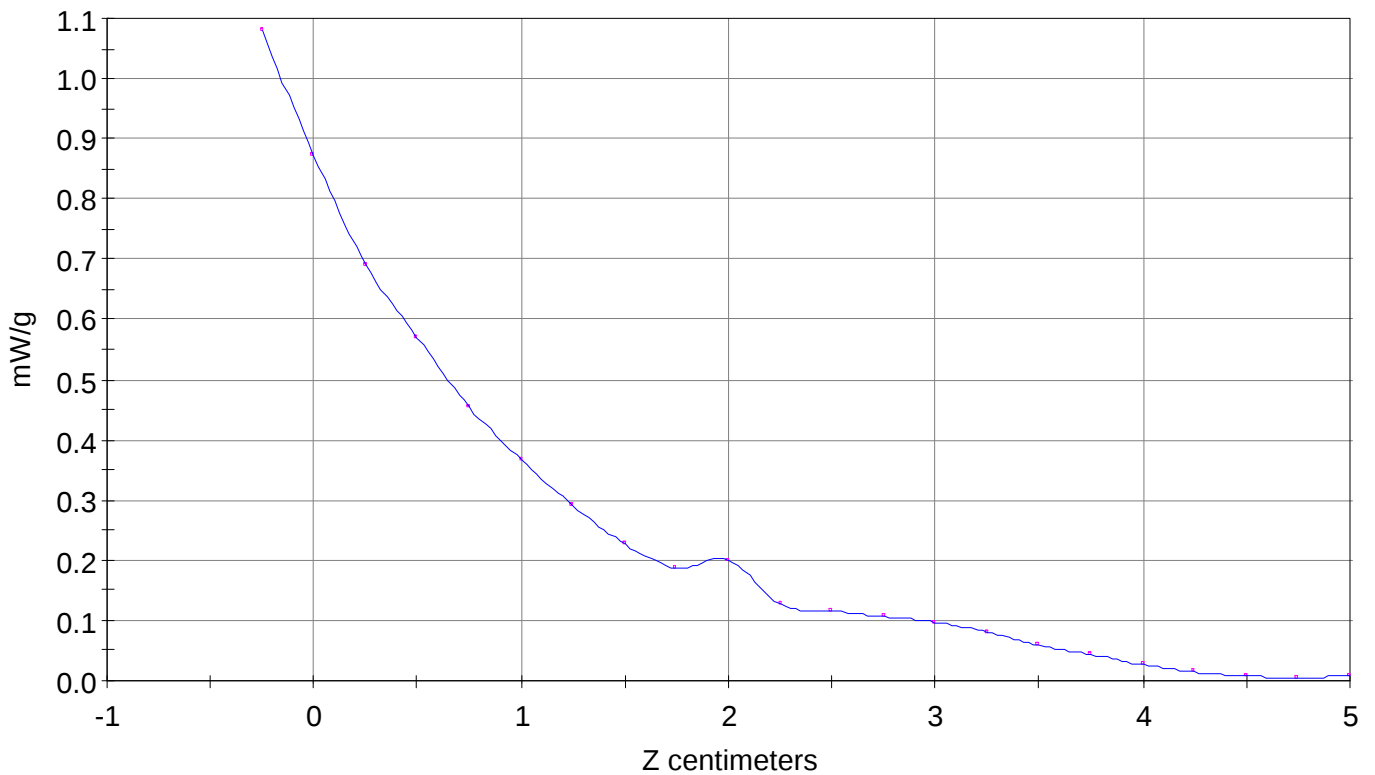
Calc. Voltage @ Surface (Vs) = 0.0085

Voltage @ 1.00 cm (Vt) = 0.0036

Ave. Voltage (Vs+Vt)/2 = 0.0060

Ave. SAR over 1 g (mW/g) = 0.7660

SAR Scan
File : 00053014_ZOOM
Start : 30-May-100 04:19:59 pm End : 30-May-100 04:27:33 pm
SAMSUNG/SPH-N100/B01E00DA;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

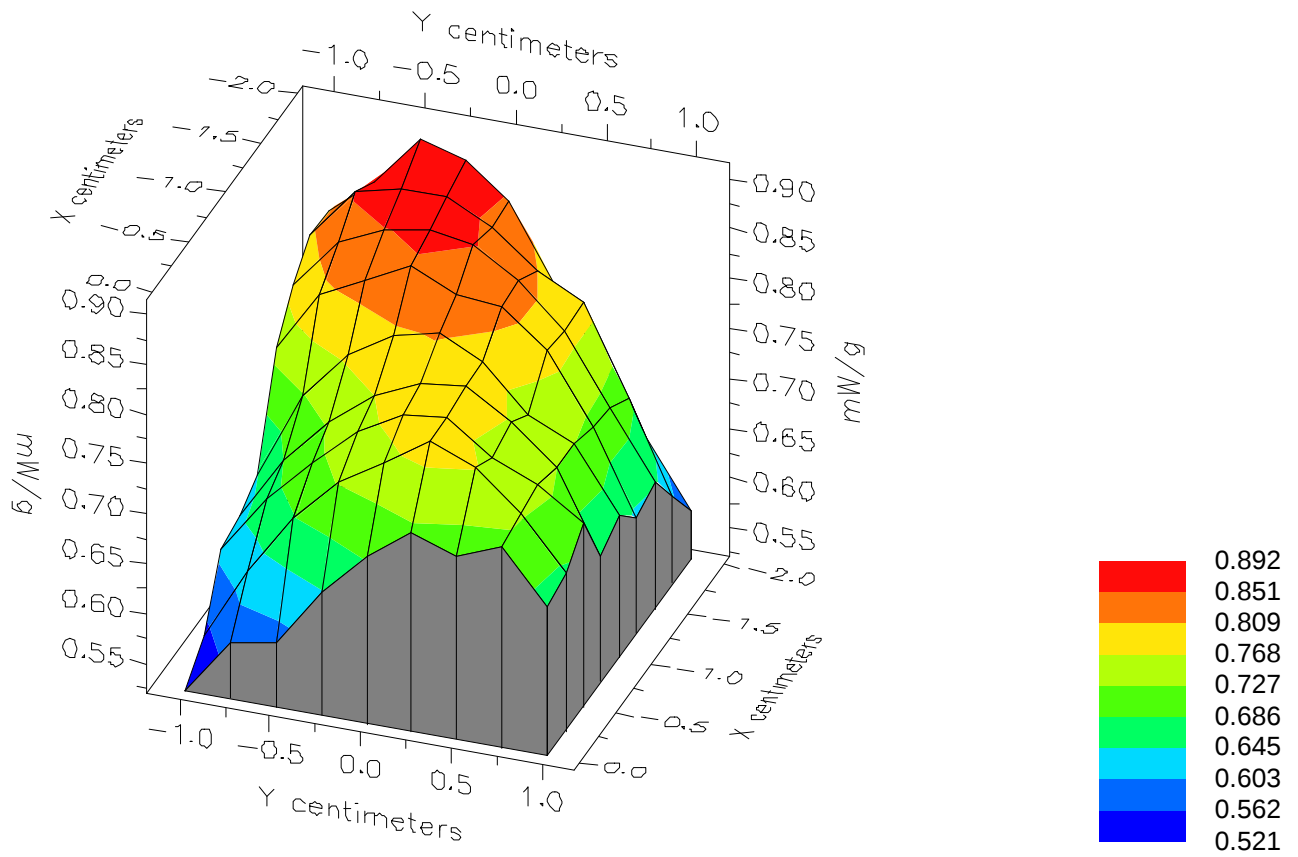


File : 00053014_ZOOM

Start : 30-May-100 04:19:59 pm End : 30-May-100 04:27:33 pm

SAMSUNG/SPH-N100/B01E00DA;1851.25MHz;W;Helical/In;

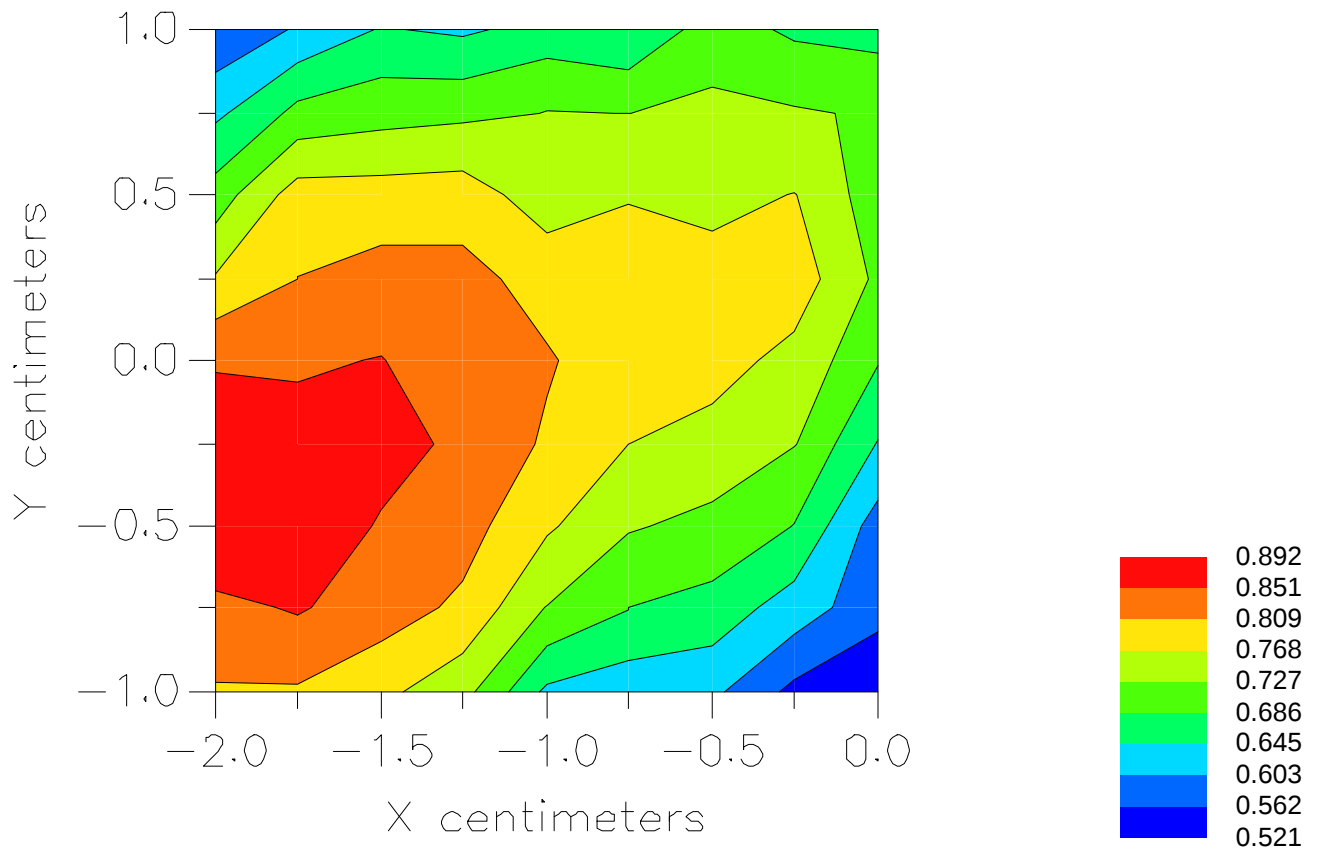
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00053014_ZOOM

Start : 30-May-100 04:19:59 pm End : 30-May-100 04:27:33 pm

SAMSUNG/SPH-N100/B01E00DA;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/00053015_ZOOM.VLT
Start : 30-May-100 04:28:51 pm End : 30-May-100 04:39:25 pm

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
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 DUAL BAND PHONE CDMA MODE
CHAN 0025 24.0 dBm conducted body SAR
FCC ID:A3LSPHN100

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 = -0.500, Z = 0.000 (cm) Value = 6.917

Measured Values (volts) =
6.366E-003 5.044E-003 4.233E-003 3.479E-003 2.761E-003 2.213E-003
1.677E-003 1.370E-003 1.110E-003 9.356E-004 8.509E-004 7.667E-004
6.852E-004 5.905E-004 4.833E-004 3.716E-004 2.432E-004 1.549E-004
7.103E-005 2.673E-005 3.767E-005

Calc. Voltage @ Surface (Vs) = 0.0078

Voltage @ 1.00 cm (Vt) = 0.0035

Ave. Voltage (Vs+Vt)/2 = 0.0056

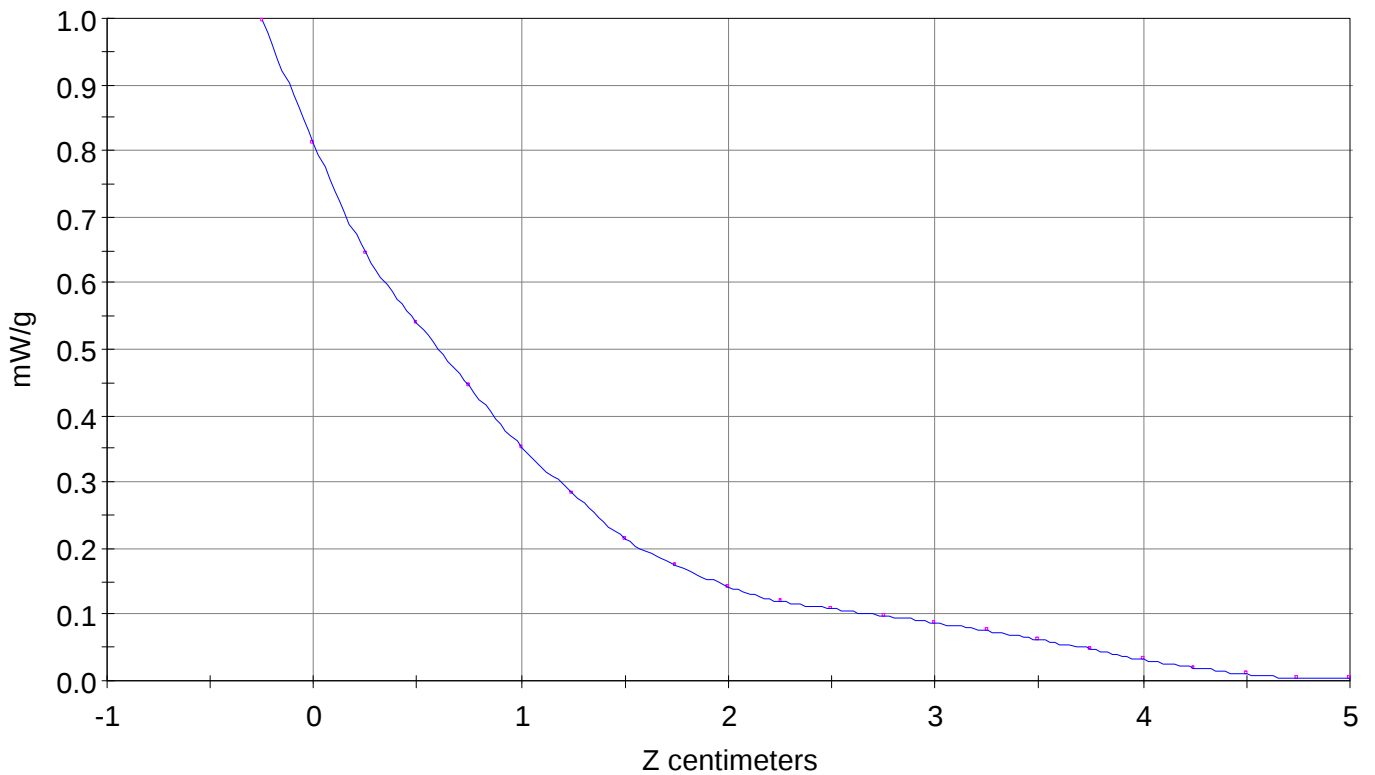
Ave. SAR over 1 g (mW/g) = 0.7202

SAR Scan

File : 00053015_ZOOM

Start : 30-May-100 04:28:51 pm End : 30-May-100 04:39:25 pm

SAMSUNG/SPH-N100/B01E00DA;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

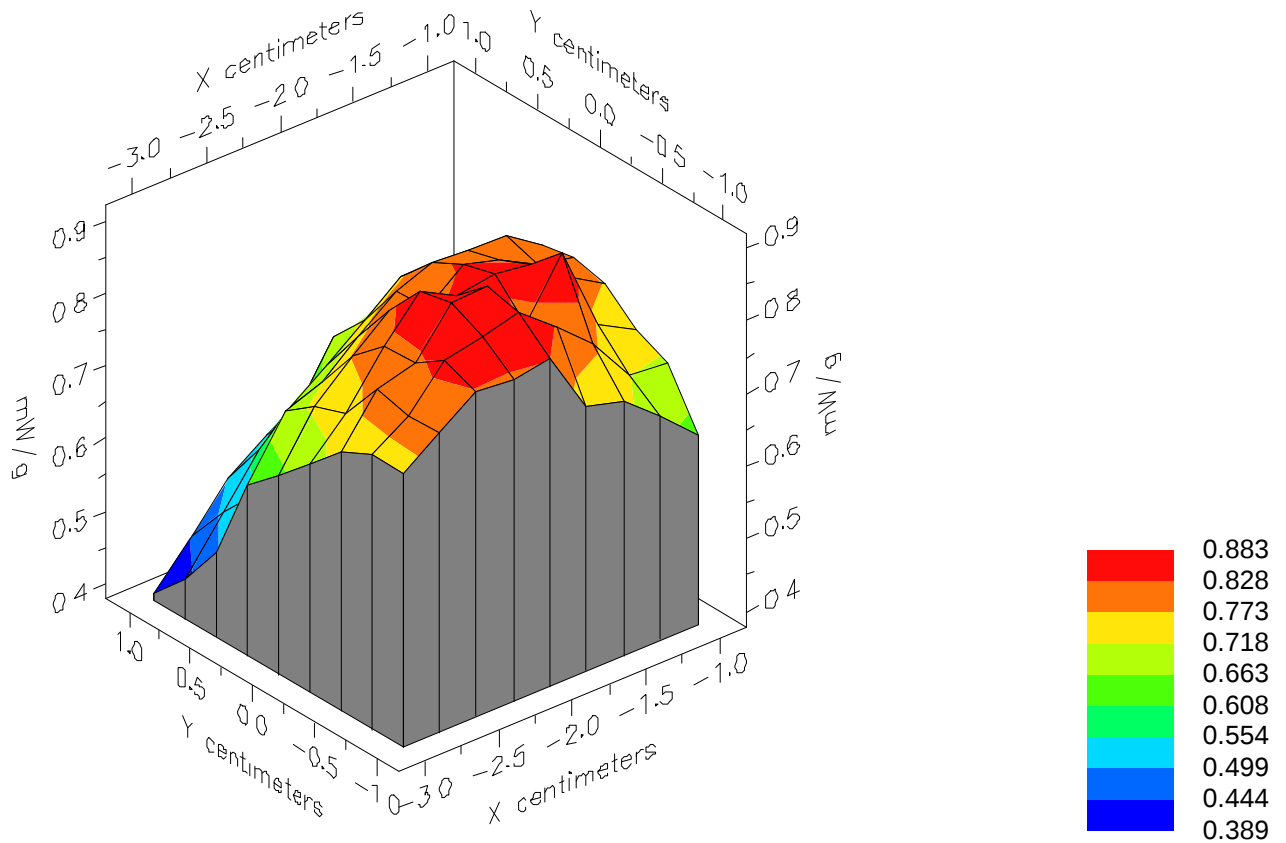


File : 00053015_ZOOM

Start : 30-May-100 04:28:51 pm End : 30-May-100 04:39:25 pm

SAMSUNG/SPH-N100/B01E00DA;1851.25MHz;W;Helical/Out;

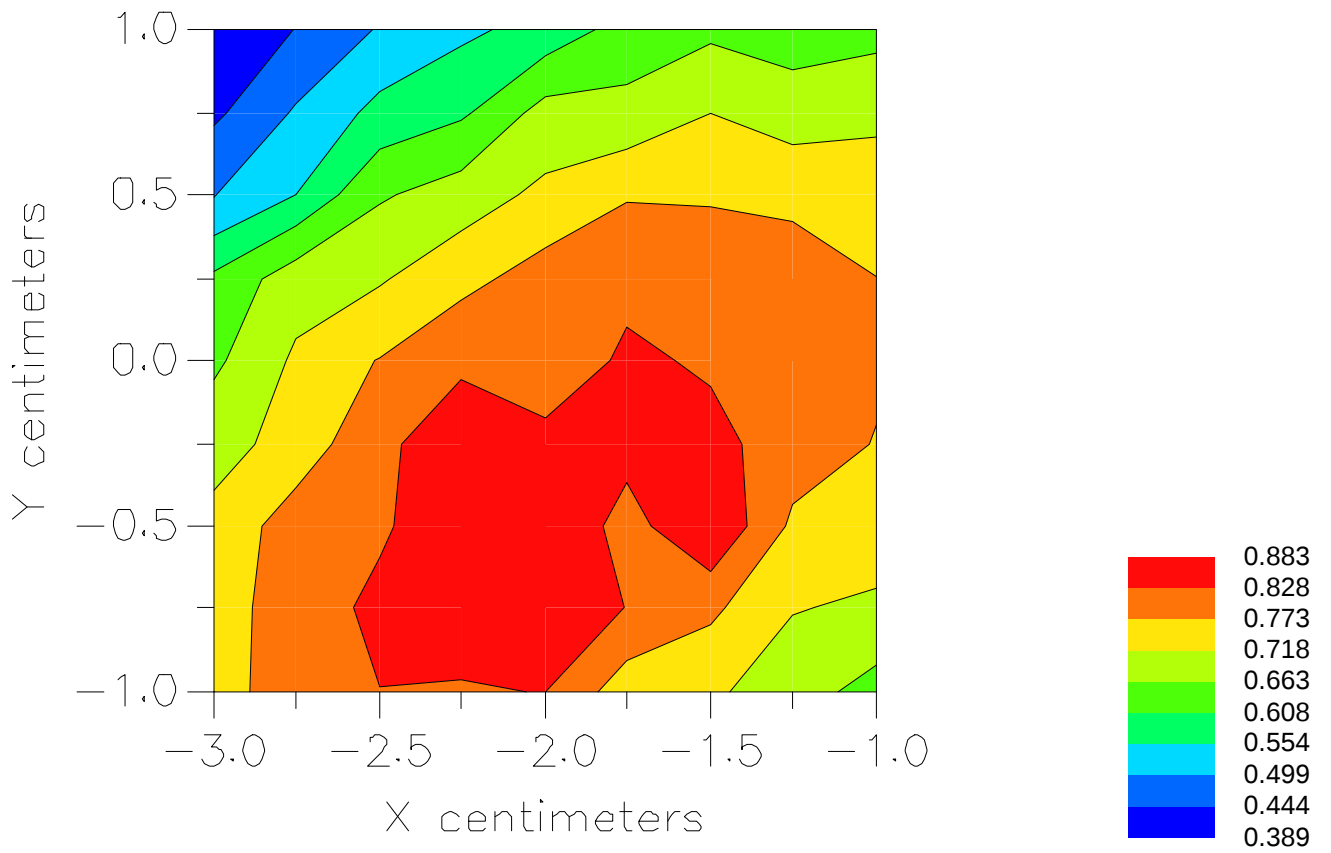
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00053015_ZOOM

Start : 30-May-100 04:28:51 pm End : 30-May-100 04:39:25 pm

SAMSUNG/SPH-N100/B01E00DA;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/00053013_ZOOM.VLT
Start : 30-May-100 03:59:30 pm End : 30-May-100 04:10:18 pm

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
Frequency : 1880 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 DUAL BAND PHONE CDMA MODE
CHAN 0600 24.0 dBm conducted body SAR
FCC ID:A3LSPHN100

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 = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 7.130

Measured Values (volts) =
7.036E-003 5.441E-003 4.275E-003 3.494E-003 2.768E-003 2.094E-003
1.753E-003 1.369E-003 1.229E-003 1.057E-003 9.997E-004 8.148E-004
6.893E-004 6.055E-004 4.626E-004 3.217E-004 2.066E-004 1.159E-004
7.034E-005 6.269E-005 9.311E-005

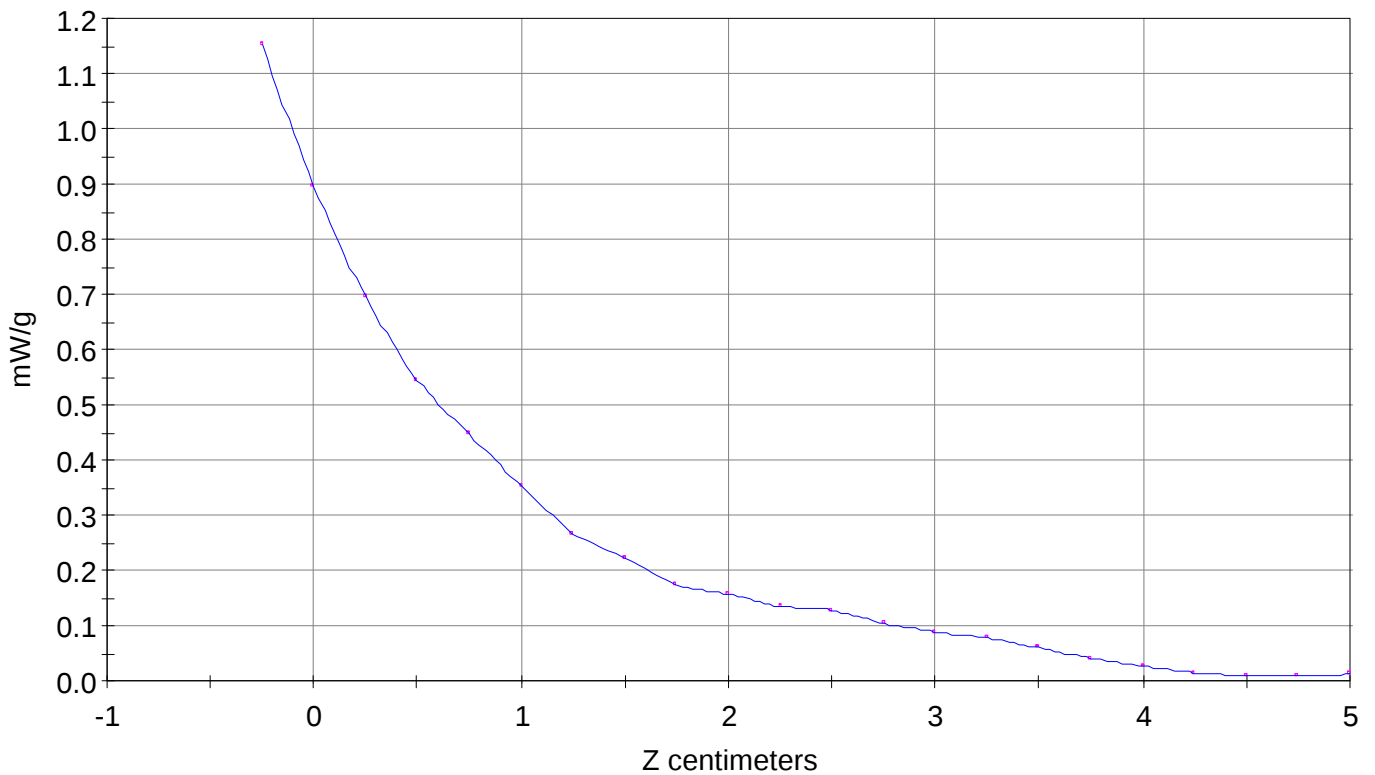
Calc. Voltage @ Surface (Vs) = 0.0090

Voltage @ 1.00 cm (Vt) = 0.0035

Ave. Voltage (Vs+Vt)/2 = 0.0063

Ave. SAR over 1 g (mW/g) = 0.7985

SAR Scan
File : 00053013_ZOOM
Start : 30-May-100 03:59:30 pm End : 30-May-100 04:10:18 pm
SAMSUNG/SPH-N100/B01E00DA;1880MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

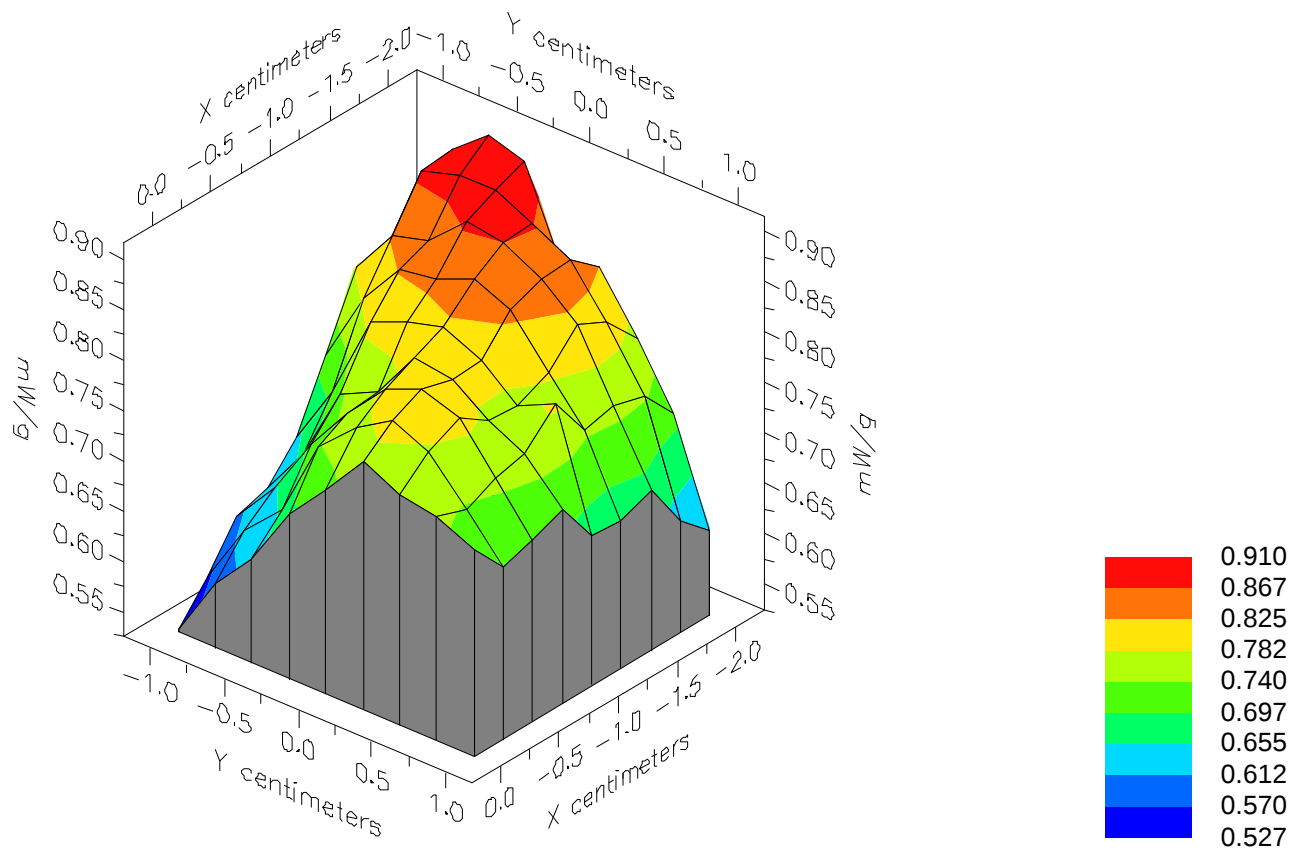


File : 00053013_ZOOM

Start : 30-May-100 03:59:30 pm End : 30-May-100 04:10:18 pm

SAMSUNG/SPH-N100/B01E00DA;1880MHz;W;Helical/In;

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

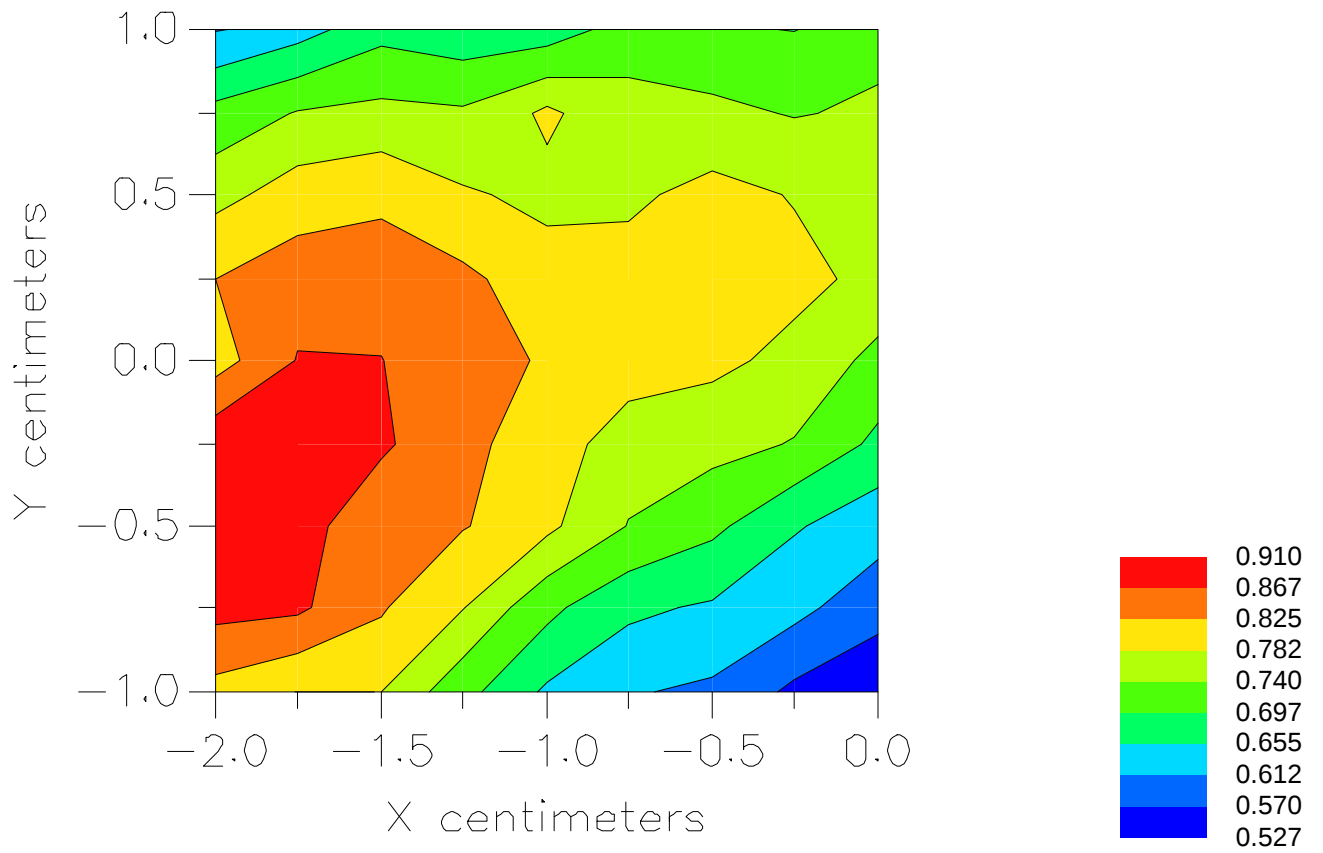


File : 00053013_ZOOM

Start : 30-May-100 03:59:30 pm End : 30-May-100 04:10:18 pm

SAMSUNG/SPH-N100/B01E00DA;1880MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053016_ZOOM.VLT
Start : 30-May-100 04:40:43 pm End : 30-May-100 04:51:33 pm

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
Frequency : 1880 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 DUAL BAND PHONE CDMA MODE
CHAN 0600 24.0 dBm conducted body SAR
FCC ID:A3LSPHN100

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 = -2.000, Y = -0.250, Z = 0.000 (cm) Value = 6.085

Measured Values (volts) =
5.969E-003 4.502E-003 3.653E-003 2.956E-003 2.340E-003 1.789E-003
1.372E-003 1.110E-003 9.323E-004 8.152E-004 7.451E-004 7.042E-004
5.970E-004 4.990E-004 3.730E-004 2.463E-004 1.280E-004 5.571E-005
1.237E-005 3.008E-006 2.680E-005

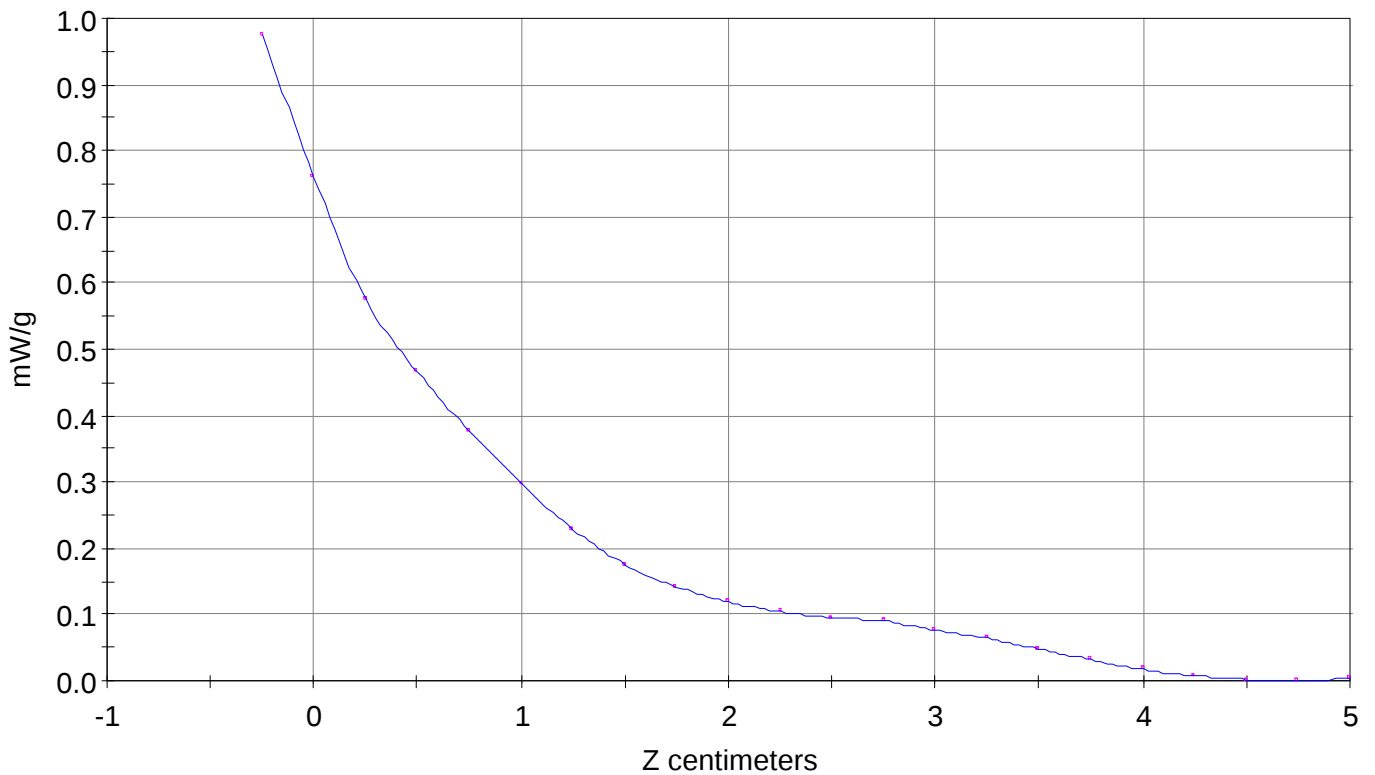
Calc. Voltage @ Surface (Vs) = 0.0076

Voltage @ 1.00 cm (Vt) = 0.0030

Ave. Voltage (Vs+Vt)/2 = 0.0053

Ave. SAR over 1 g (mW/g) = 0.6757

SAR Scan
File : 00053016_ZOOM
Start : 30-May-100 04:40:43 pm End : 30-May-100 04:51:33 pm
SAMSUNG/SPH-N100/B01E00DA;1880MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

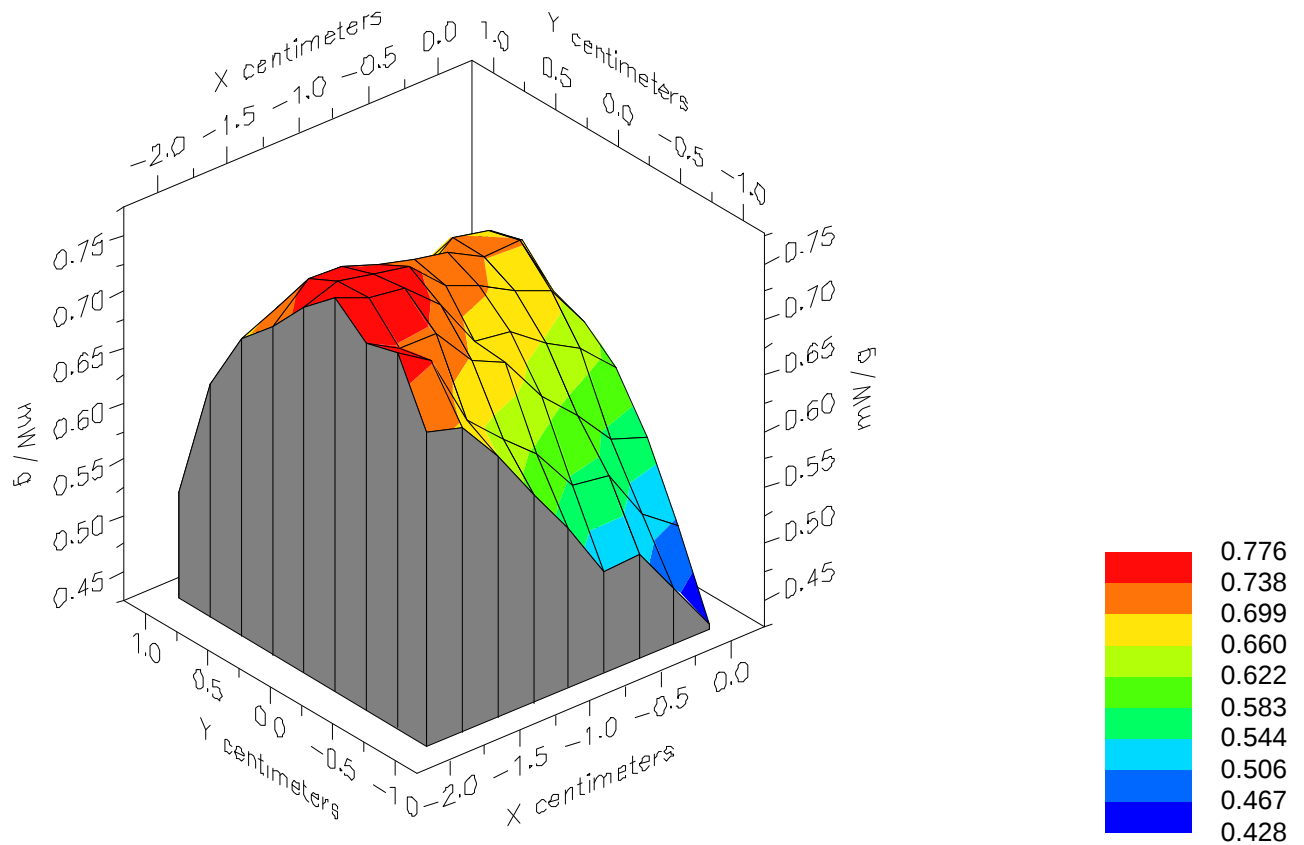


File : 00053016_ZOOM

Start : 30-May-100 04:40:43 pm End : 30-May-100 04:51:33 pm

SAMSUNG/SPH-N100/B01E00DA;1880MHz;W;Helical/Out;

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

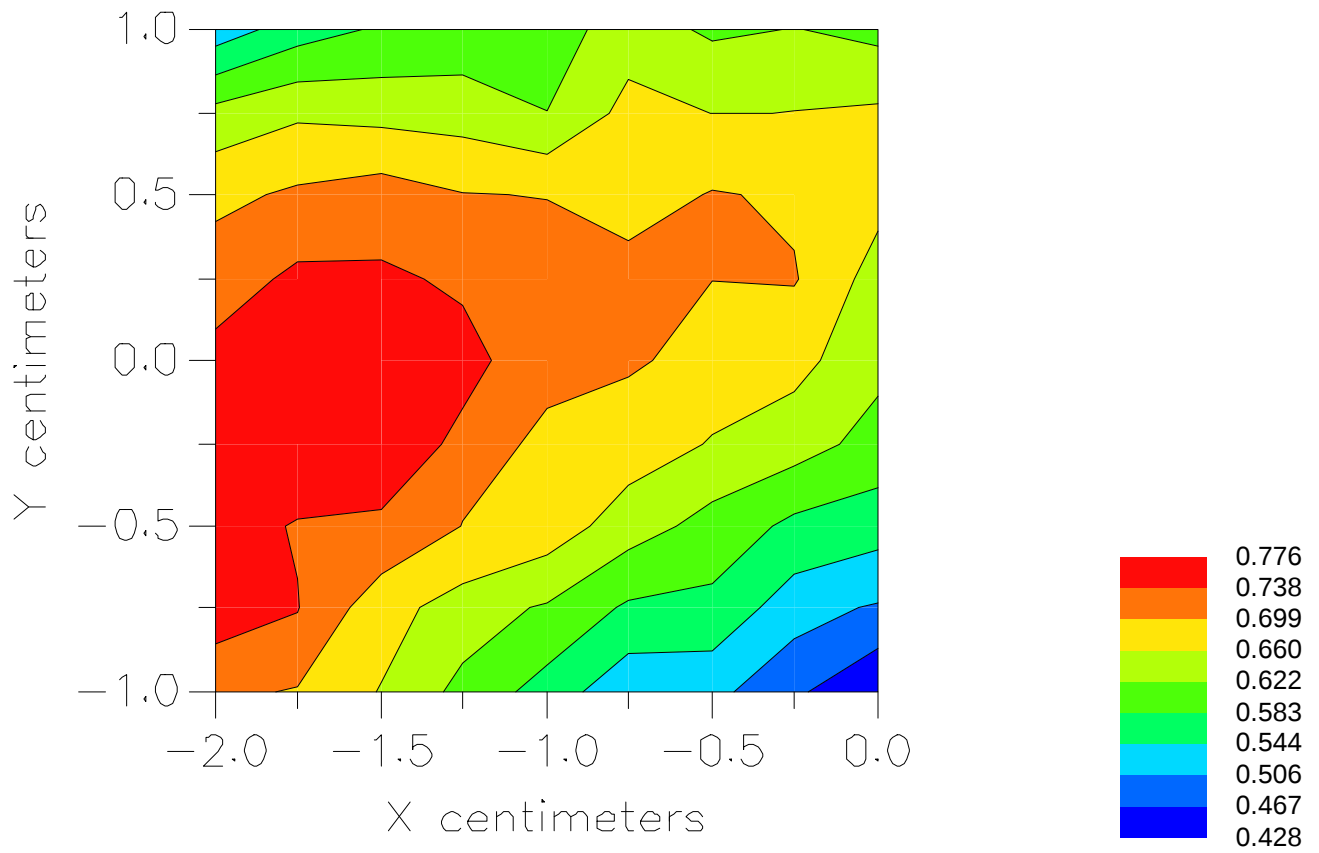


File : 00053016_ZOOM

Start : 30-May-100 04:40:43 pm End : 30-May-100 04:51:33 pm

SAMSUNG/SPH-N100/B01E00DA;1880MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00053012_ZOOM.VLT
Start : 30-May-100 03:25:48 pm End : 30-May-100 03:36:35 pm

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
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 DUAL BAND PHONE CDMA MODE
CHAN 1175 24.0 dBm conducted body SAR
FCC ID:A3LSPHN100

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 = -1.250, Y = 0.000, Z = 0.000 (cm) Value = 6.109

Measured Values (volts) =
6.045E-003 5.070E-003 4.383E-003 3.785E-003 3.226E-003 2.666E-003
2.148E-003 1.766E-003 1.448E-003 1.246E-003 1.194E-003 1.086E-003
1.034E-003 9.576E-004 8.084E-004 5.622E-004 4.132E-004 2.959E-004
2.034E-004 1.318E-004 1.062E-004

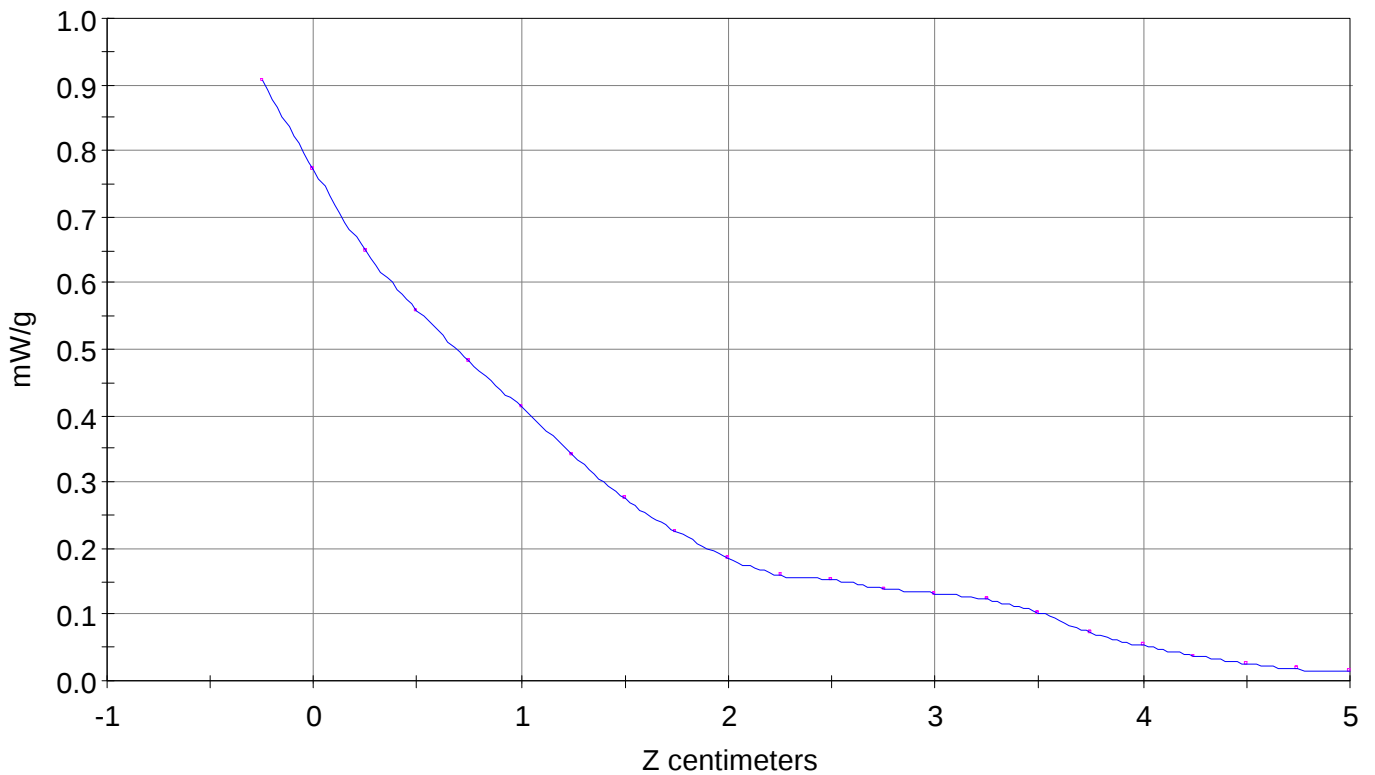
Calc. Voltage @ Surface (Vs) = 0.0071

Voltage @ 1.00 cm (Vt) = 0.0038

Ave. Voltage (Vs+Vt)/2 = 0.0054

Ave. SAR over 1 g (mW/g) = 0.6944

SAR Scan
File : 00053012_ZOOM
Start : 30-May-100 03:25:48 pm End : 30-May-100 03:36:35 pm
SAMSUNG/SPH-N100/B01E00DA;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

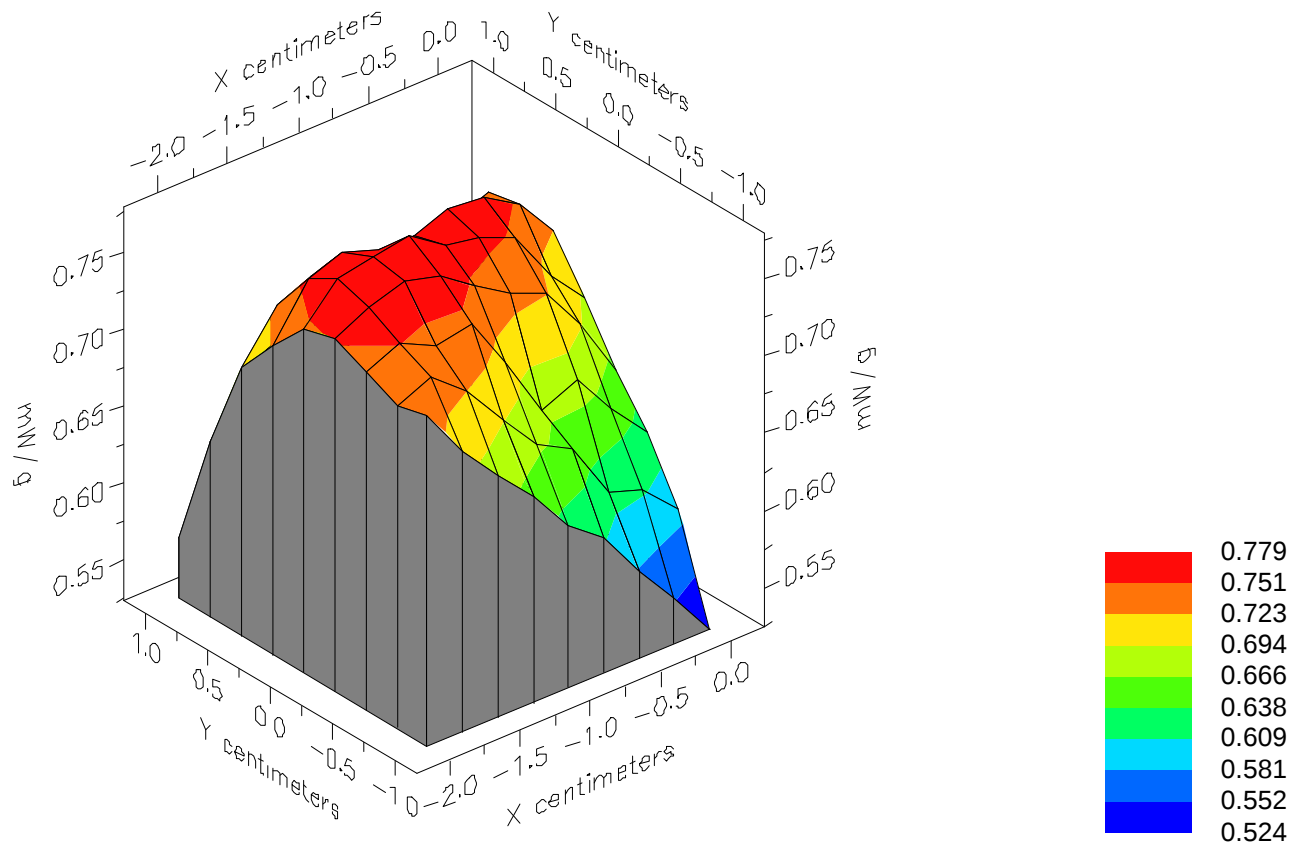


File : 00053012_ZOOM

Start : 30-May-100 03:25:48 pm End : 30-May-100 03:36:35 pm

SAMSUNG/SPH-N100/B01E00DA;1908.75MHz;W;Helical/In;

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

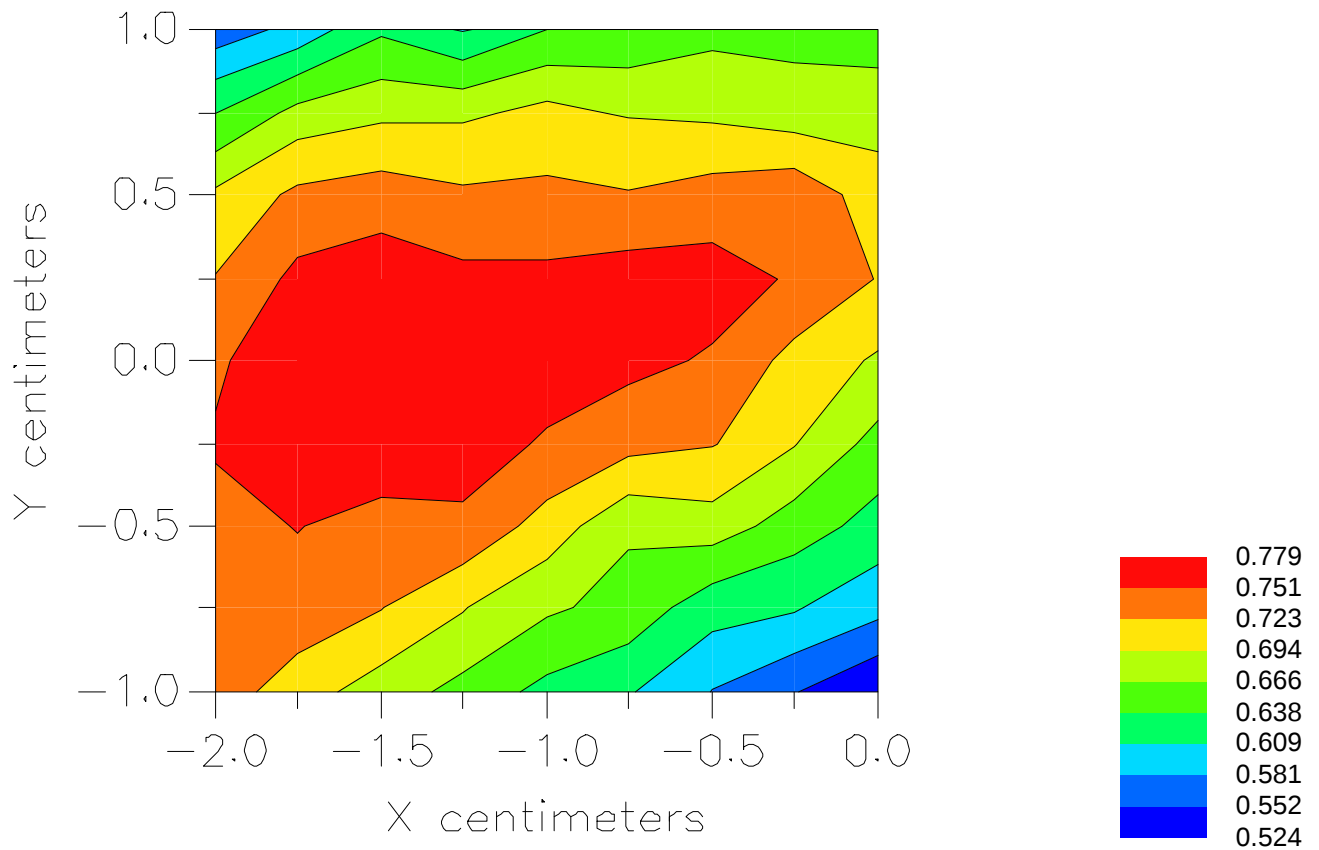


File : 00053012_ZOOM

Start : 30-May-100 03:25:48 pm End : 30-May-100 03:36:35 pm

SAMSUNG/SPH-N100/B01E00DA;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/00053011_ZOOM.VLT
Start : 30-May-100 03:06:28 pm End : 30-May-100 03:16:00 pm

Radio Type : SAMSUNG
Model Number : SPH-N100
Serial Number : B01E00DA
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 DUAL BAND PHONE CDMA MODE
CHAN 1175 24.0 dBm conducted body SAR
FCC ID:A3LSPHN100

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 = -1.000, Y = 0.500, Z = 0.000 (cm) Value = 6.638

Measured Values (volts) =
5.611E-003 4.866E-003 4.406E-003 3.827E-003 3.417E-003 2.861E-003
2.364E-003 1.758E-003 1.582E-003 1.248E-003 1.132E-003 1.076E-003
1.059E-003 1.079E-003 9.533E-004 7.614E-004 5.137E-004 3.664E-004
2.594E-004 7.078E-004 2.410E-004

Calc. Voltage @ Surface (Vs) = 0.0063

Voltage @ 1.00 cm (Vt) = 0.0038

Ave. Voltage (Vs+Vt)/2 = 0.0051

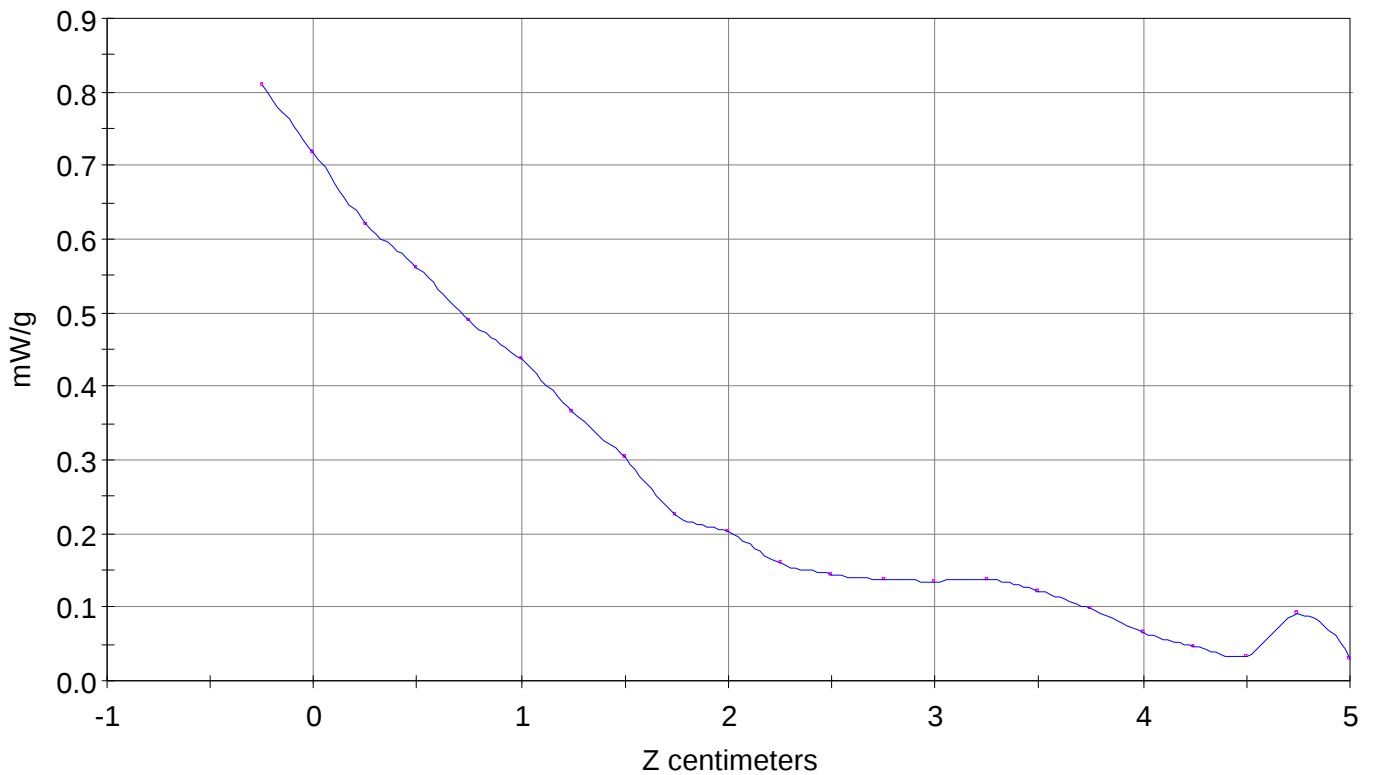
Ave. SAR over 1 g (mW/g) = 0.6483

SAR Scan

File : 00053011_ZOOM

Start : 30-May-100 03:06:28 pm End : 30-May-100 03:16:00 pm

SAMSUNG/SPH-N100/B01E00DA;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

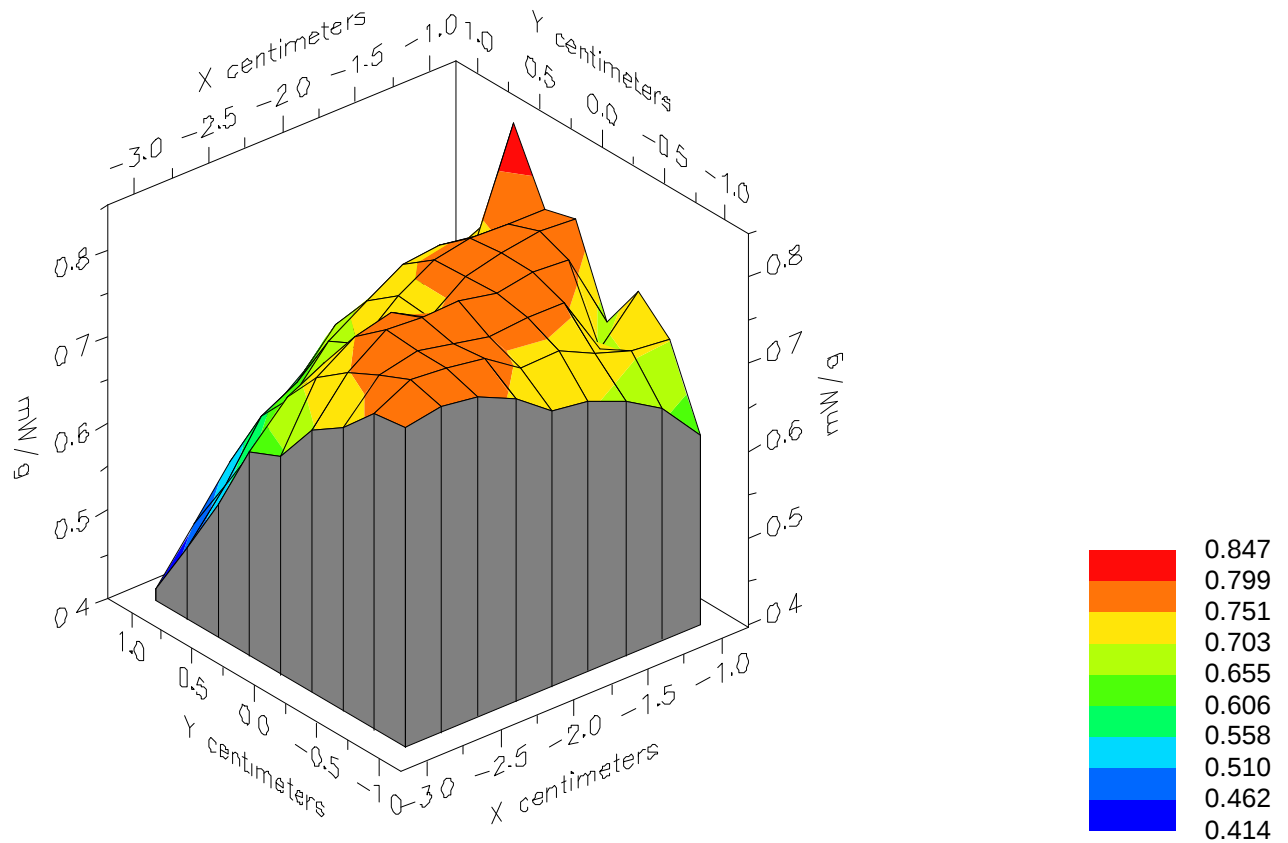


File : 00053011_ZOOM

Start : 30-May-100 03:06:28 pm End : 30-May-100 03:16:00 pm

SAMSUNG/SPH-N100/B01E00DA;1908.75MHz;W;Helical/Out;

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



File : 00053011_ZOOM

Start : 30-May-100 03:06:28 pm End : 30-May-100 03:16:00 pm

SAMSUNG/SPH-N100/B01E00DA;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

