

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061209_ZOOM.VLT
Start : 12-Jun-100 02:14:48 pm End : 12-Jun-100 02:26:04 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0991 26.0 dBm conducted
SAMSUNG DUAL BAND PHONE

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 = -1.750, Y = -1.750, Z = 0.000 (cm) Value = 19.658

Measured Values (volts) =
1.880E-002 1.533E-002 1.204E-002 9.830E-003 8.156E-003 6.946E-003
6.043E-003 5.578E-003 5.303E-003 5.186E-003 4.929E-003 4.560E-003
4.091E-003 3.361E-003 2.568E-003 1.749E-003 1.214E-003 8.790E-004
8.273E-004 1.009E-003 1.282E-003

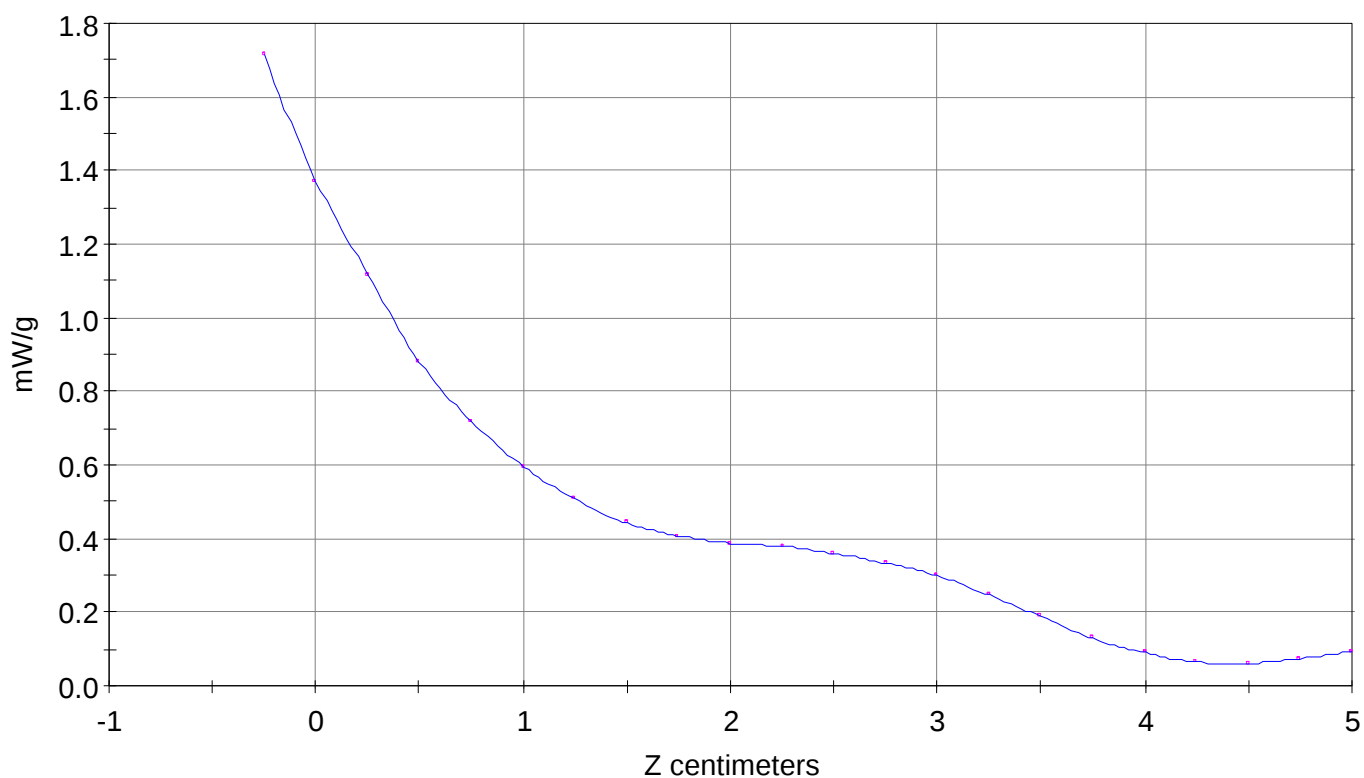
Calc. Voltage @ Surface (Vs) = 0.0235

Voltage @ 1.00 cm (Vt) = 0.0098

Ave. Voltage (Vs+Vt)/2 = 0.0167

Ave. SAR over 1 g (mW/g) = 1.2158

SAR Scan
File : 00061209_ZOOM
Start : 12-Jun-100 02:14:48 pm End : 12-Jun-100 02:26:04 pm
SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

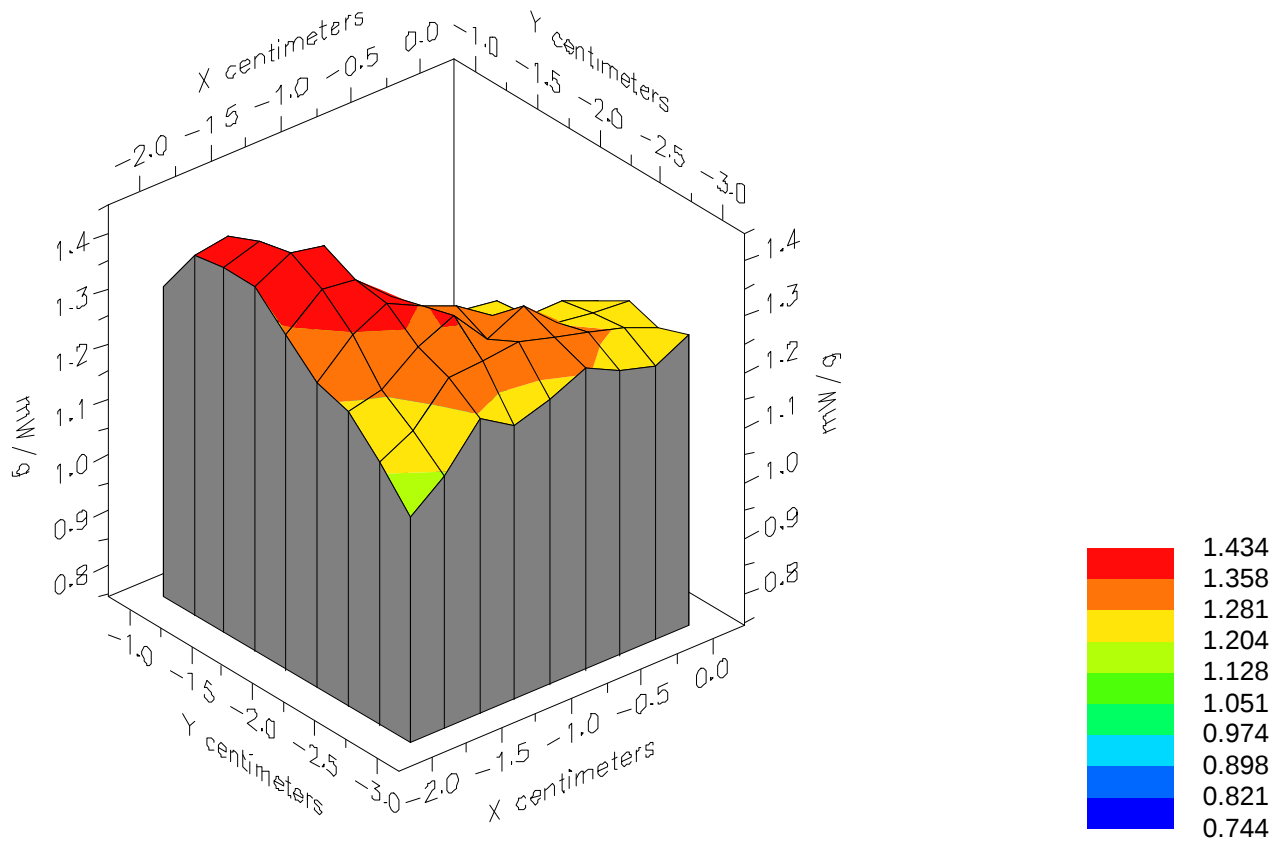


File : 00061209_ZOOM

Start : 12-Jun-100 02:14:48 pm End : 12-Jun-100 02:26:04 pm

SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/In;

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

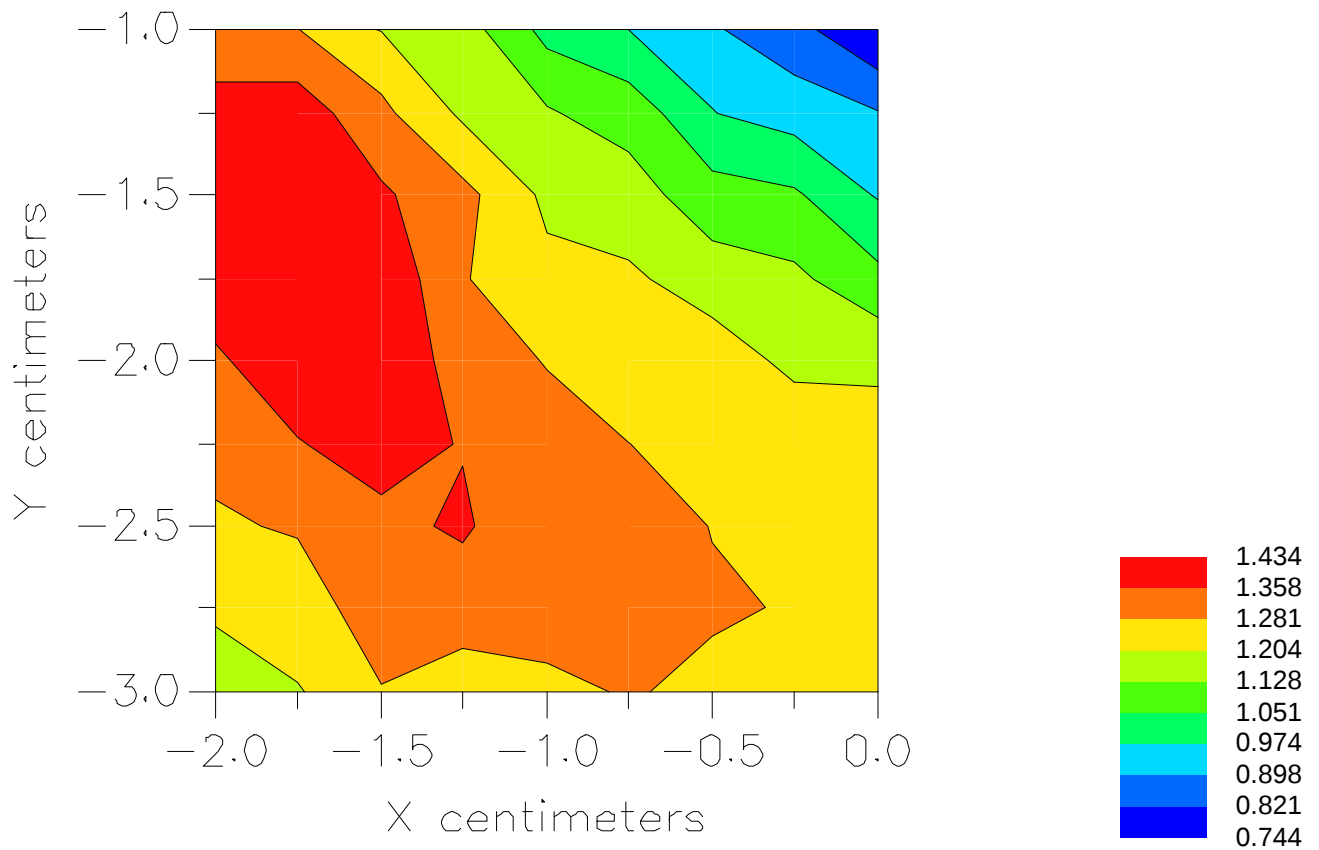


File : 00061209_ZOOM

Start : 12-Jun-100 02:14:48 pm End : 12-Jun-100 02:26:04 pm

SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061210_ZOOM.VLT
Start : 12-Jun-100 02:37:56 pm End : 12-Jun-100 02:47:03 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0991 26.0 dBm conducted
SAMSUNG DUAL BAND PHONE

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 = -1.000, Y = -2.750, Z = 0.000 (cm) Value = 15.581

Measured Values (volts) =
1.509E-002 1.184E-002 9.745E-003 8.342E-003 7.266E-003 6.771E-003
6.248E-003 5.984E-003 5.696E-003 5.334E-003 4.771E-003 4.155E-003
3.246E-003 2.425E-003 1.588E-003 1.079E-003 8.507E-004 9.347E-004
1.215E-003 1.673E-003 1.946E-003

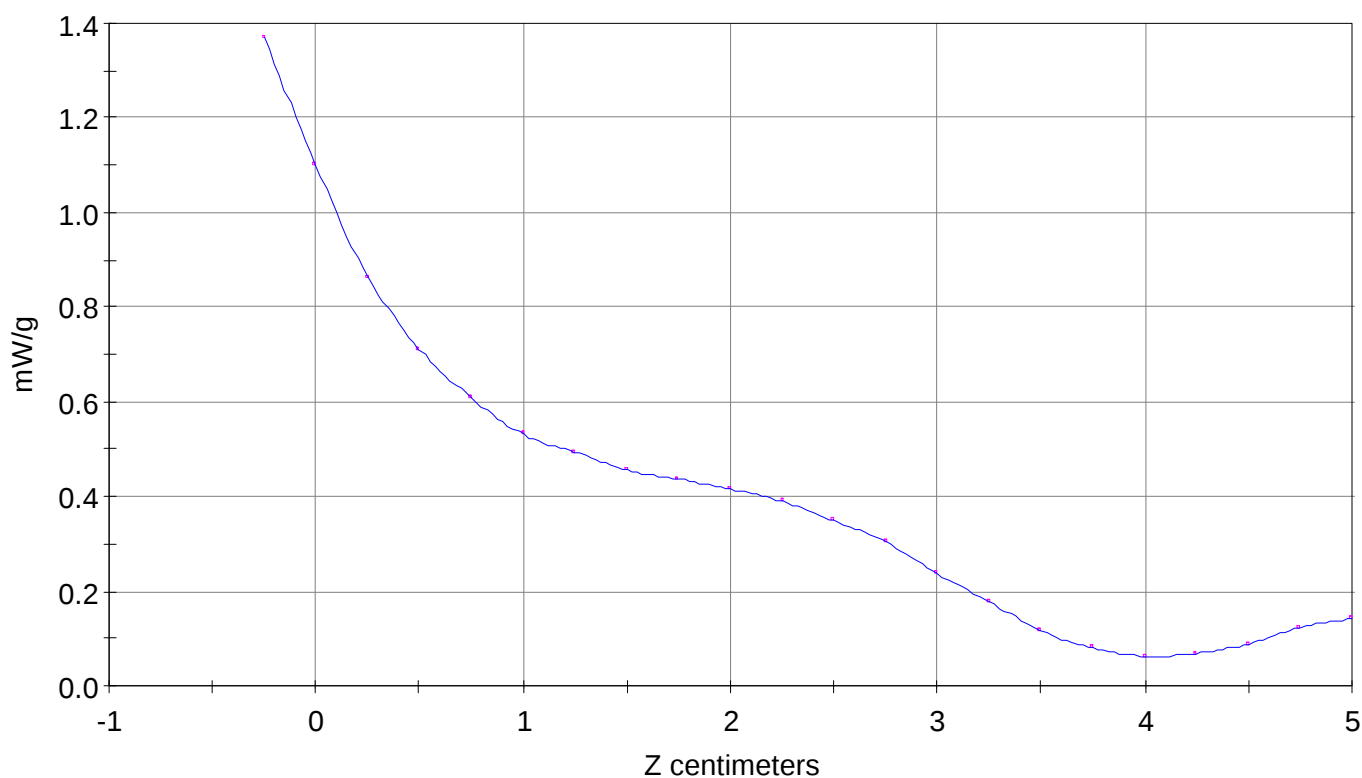
Calc. Voltage @ Surface (Vs) = 0.0188

Voltage @ 1.00 cm (Vt) = 0.0083

Ave. Voltage (Vs+Vt)/2 = 0.0136

Ave. SAR over 1 g (mW/g) = 0.9894

SAR Scan
File : 00061210_ZOOM
Start : 12-Jun-100 02:37:56 pm End : 12-Jun-100 02:47:03 pm
SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

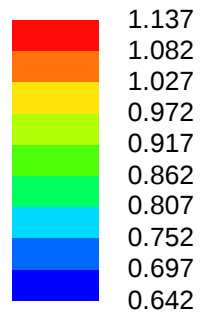
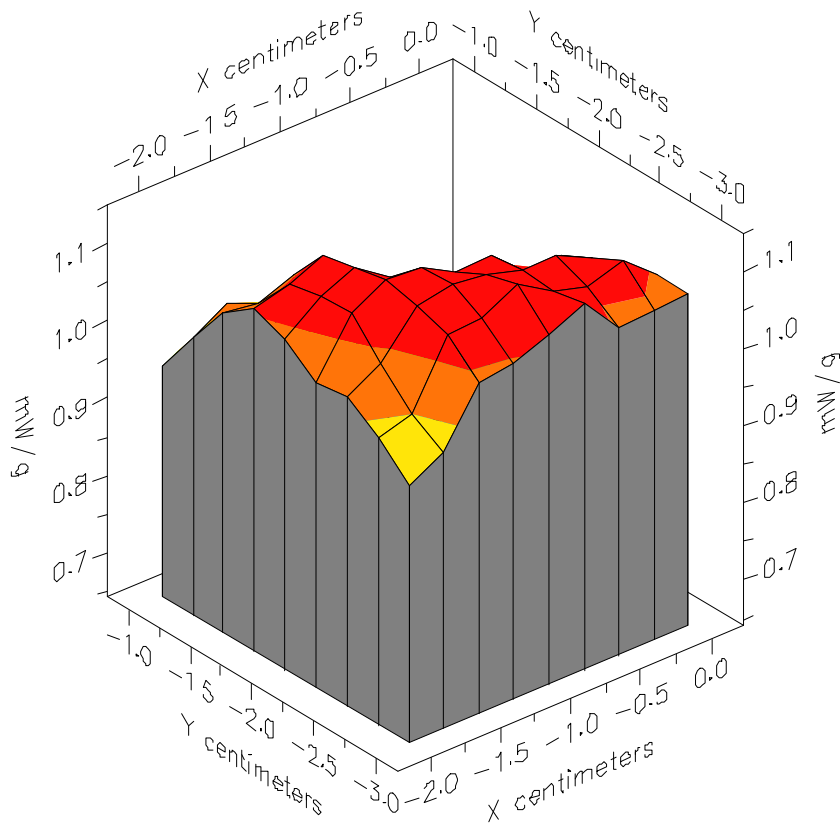


File : 00061210_ZOOM

Start : 12-Jun-100 02:37:56 pm End : 12-Jun-100 02:47:03 pm

SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/Out;

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

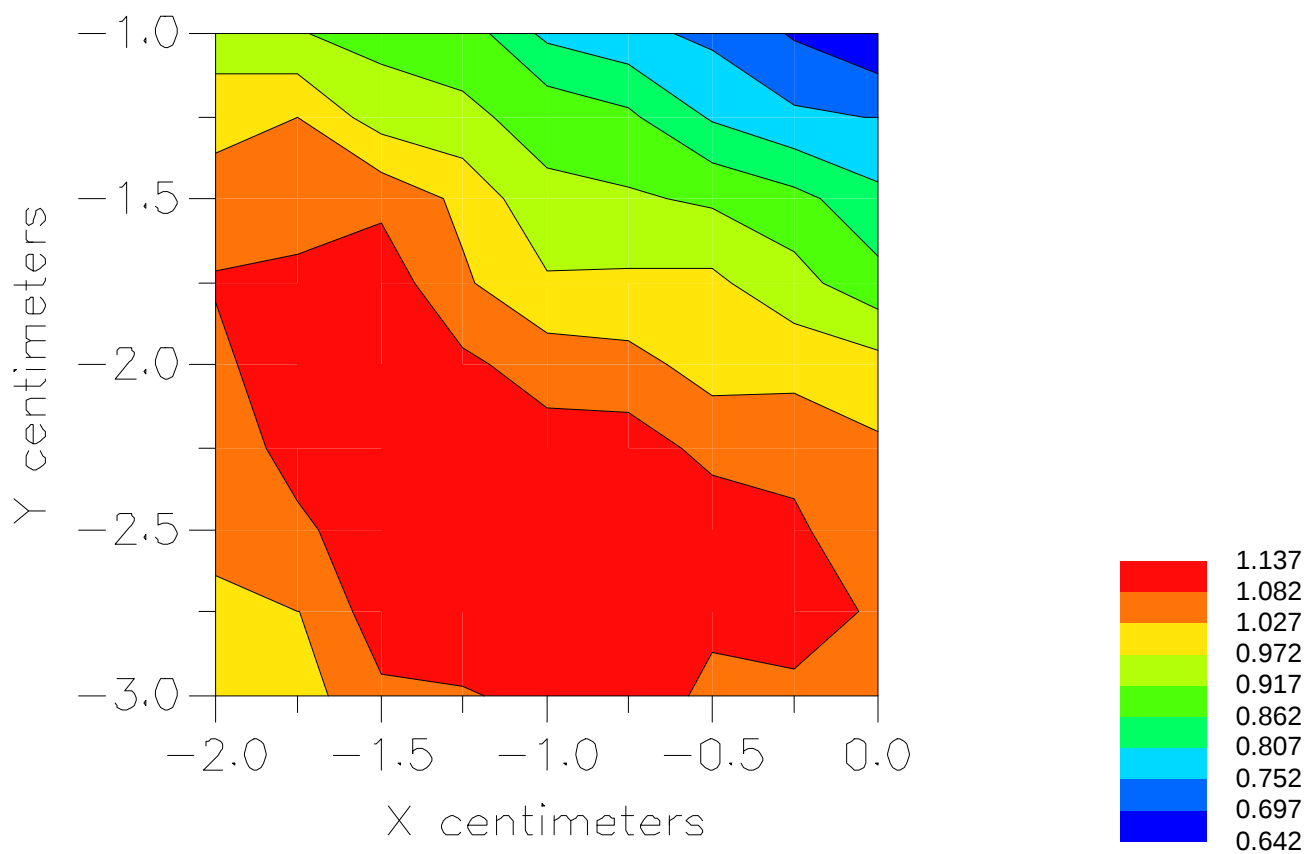


File : 00061210_ZOOM

Start : 12-Jun-100 02:37:56 pm End : 12-Jun-100 02:47:03 pm

SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061215_ZOOM.VLT
Start : 12-Jun-100 04:27:53 pm End : 12-Jun-100 04:37:00 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0363 26.0 dBm conducted
SAMSUNG DUAL BAND PHONE

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 = -1.500, Y = -2.000, Z = 0.000 (cm) Value = 20.006

Measured Values (volts) =
1.822E-002 1.425E-002 1.152E-002 9.212E-003 7.795E-003 6.661E-003
5.980E-003 5.640E-003 5.413E-003 5.193E-003 4.914E-003 4.473E-003
3.753E-003 3.071E-003 2.179E-003 1.504E-003 1.024E-003 8.126E-004
9.092E-004 1.173E-003 1.540E-003

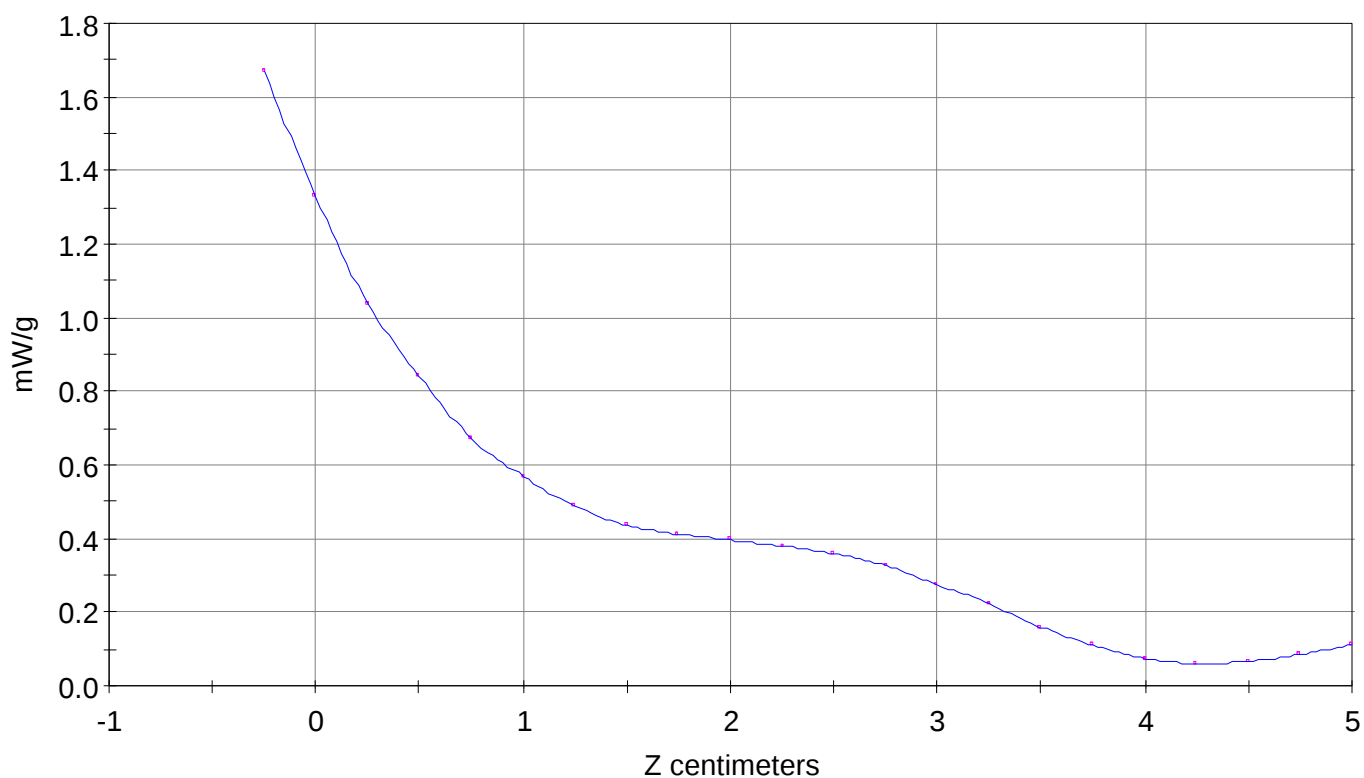
Calc. Voltage @ Surface (Vs) = 0.0229

Voltage @ 1.00 cm (Vt) = 0.0092

Ave. Voltage (Vs+Vt)/2 = 0.0161

Ave. SAR over 1 g (mW/g) = 1.1721

SAR Scan
File : 00061215_ZOOM
Start : 12-Jun-100 04:27:53 pm End : 12-Jun-100 04:37:00 pm
SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

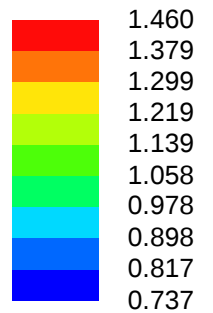
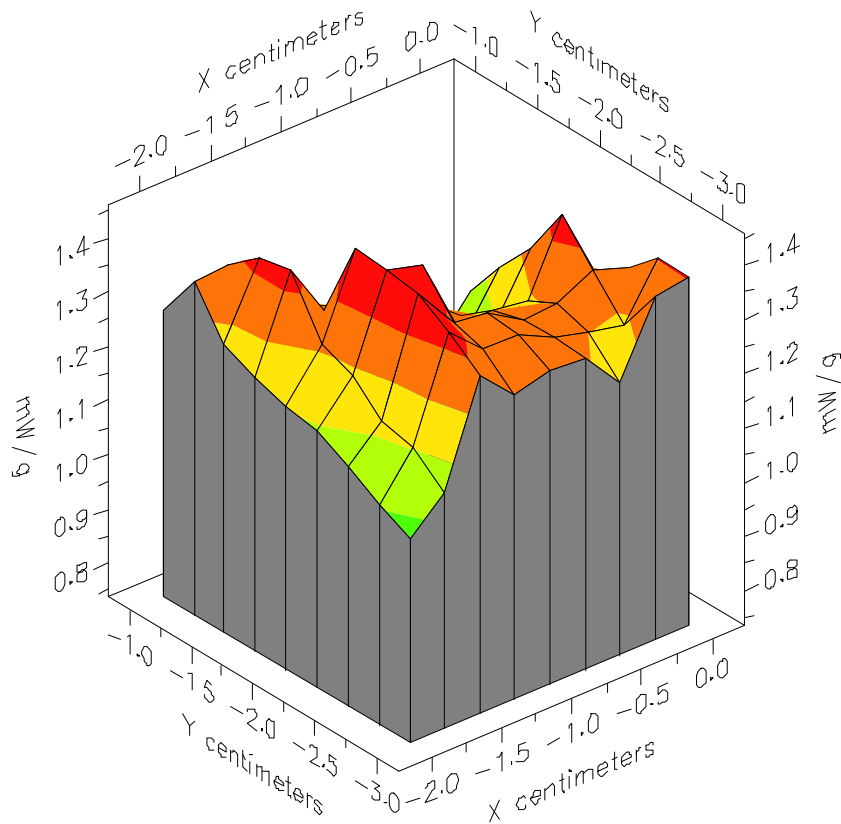


File : 00061215_ZOOM

Start : 12-Jun-100 04:27:53 pm End : 12-Jun-100 04:37:00 pm

SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/In;

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

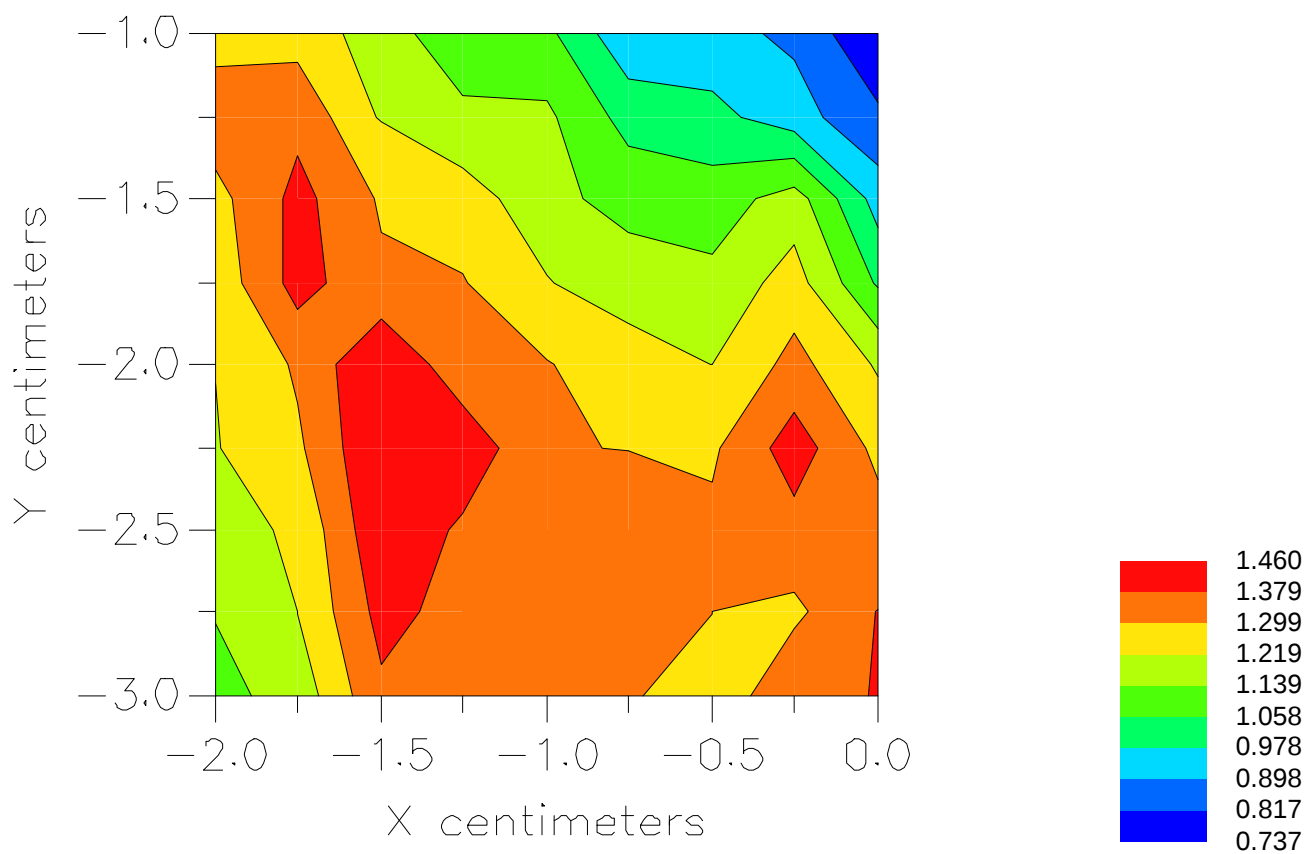


File : 00061215_ZOOM

Start : 12-Jun-100 04:27:53 pm End : 12-Jun-100 04:37:00 pm

SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061216_ZOOM.VLT
Start : 12-Jun-100 04:48:20 pm End : 12-Jun-100 04:57:49 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0363 26.0 dBm conducted
SAMSUNG DUAL BAND PHONE

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 = -1.750, Y = -1.750, Z = 0.000 (cm) Value = 24.136

Measured Values (volts) =
2.220E-002 1.664E-002 1.366E-002 1.040E-002 8.724E-003 7.560E-003
6.442E-003 6.186E-003 5.800E-003 5.703E-003 5.697E-003 5.085E-003
4.530E-003 3.650E-003 2.772E-003 1.901E-003 1.290E-003 9.252E-004
8.859E-004 1.118E-003 1.514E-003

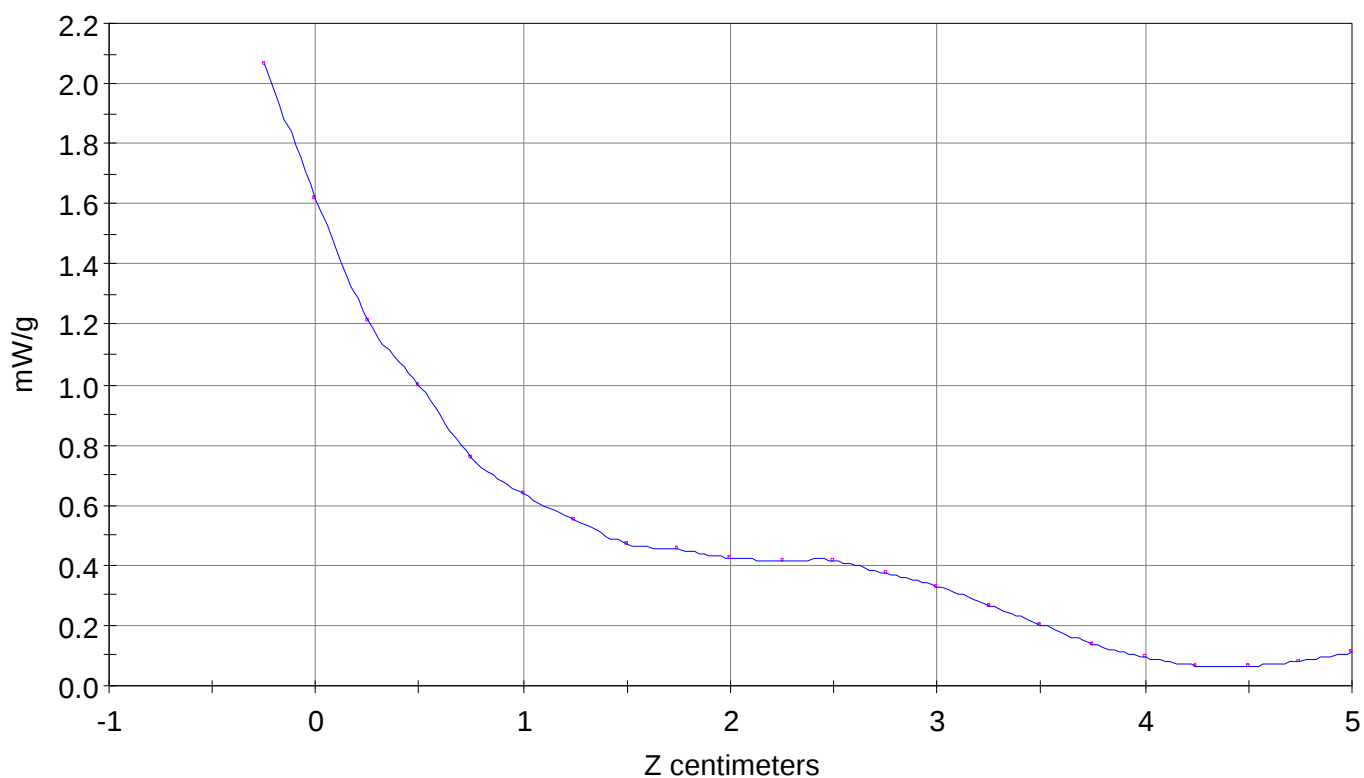
Calc. Voltage @ Surface (Vs) = 0.0283

Voltage @ 1.00 cm (Vt) = 0.0104

Ave. Voltage (Vs+Vt)/2 = 0.0194

Ave. SAR over 1 g (mW/g) = 1.4125

SAR Scan
File : 00061216_ZOOM
Start : 12-Jun-100 04:48:20 pm End : 12-Jun-100 04:57:49 pm
SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

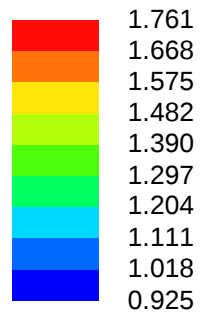
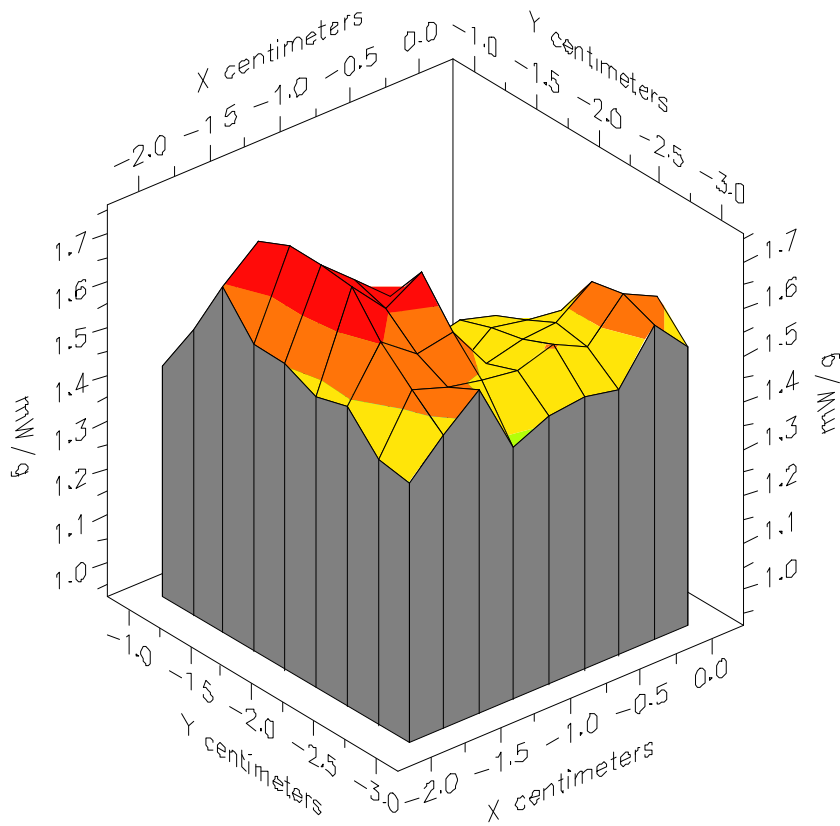


File : 00061216_ZOOM

Start : 12-Jun-100 04:48:20 pm End : 12-Jun-100 04:57:49 pm

SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/Out;

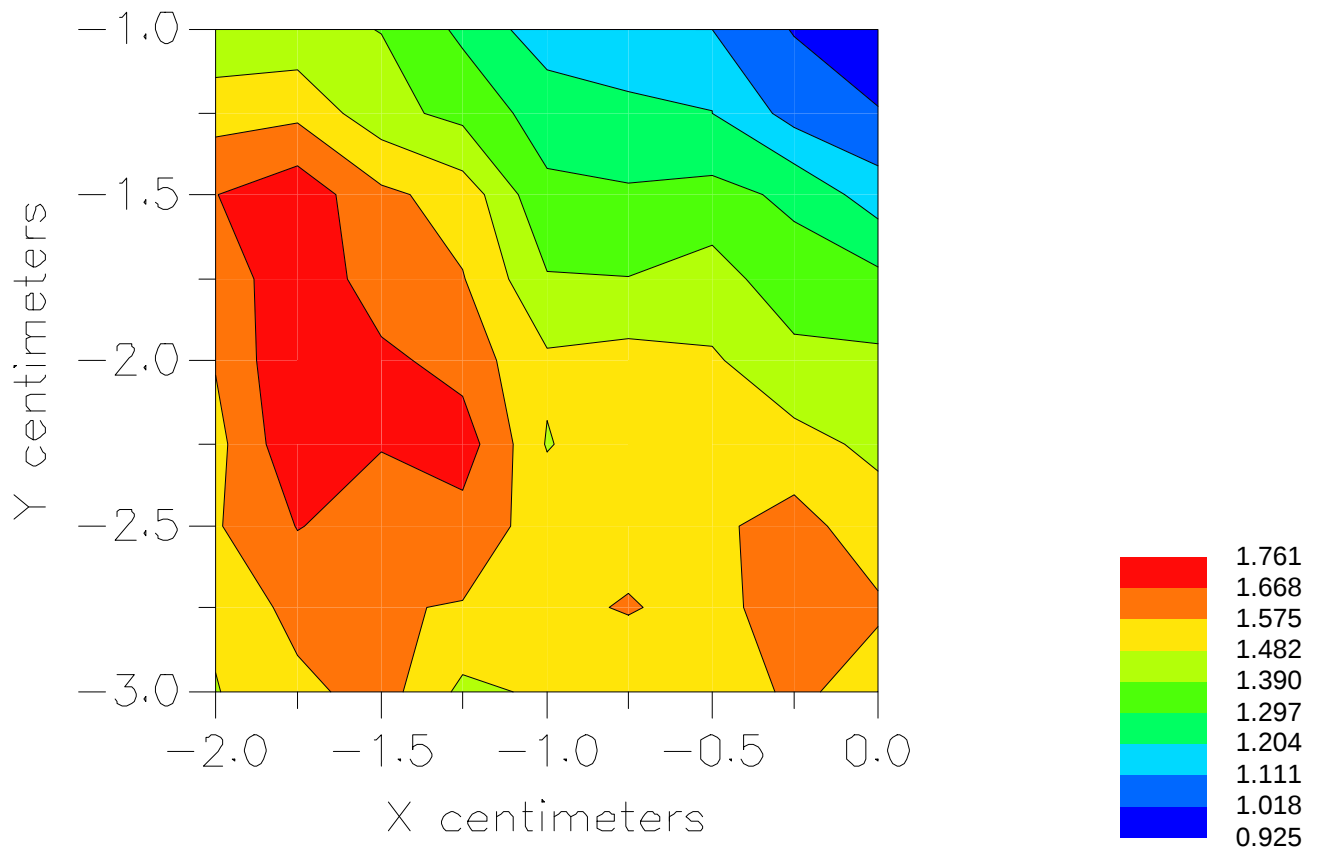
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 00061216_ZOOM

Start : 12-Jun-100 04:48:20 pm End : 12-Jun-100 04:57:49 pm

SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061211_ZOOM.VLT
Start : 12-Jun-100 03:03:36 pm End : 12-Jun-100 03:12:43 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0799 25.8 dBm conducted
SAMSUNG DUAL BAND PHONE

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 = -1.750, Y = -1.750, Z = 0.000 (cm) Value = 21.398

Measured Values (volts) =
2.075E-002 1.611E-002 1.270E-002 1.037E-002 8.317E-003 6.800E-003
5.831E-003 5.247E-003 4.924E-003 4.773E-003 4.604E-003 4.314E-003
3.887E-003 3.235E-003 2.543E-003 1.787E-003 1.251E-003 8.739E-004
7.948E-004 9.430E-004 1.222E-003

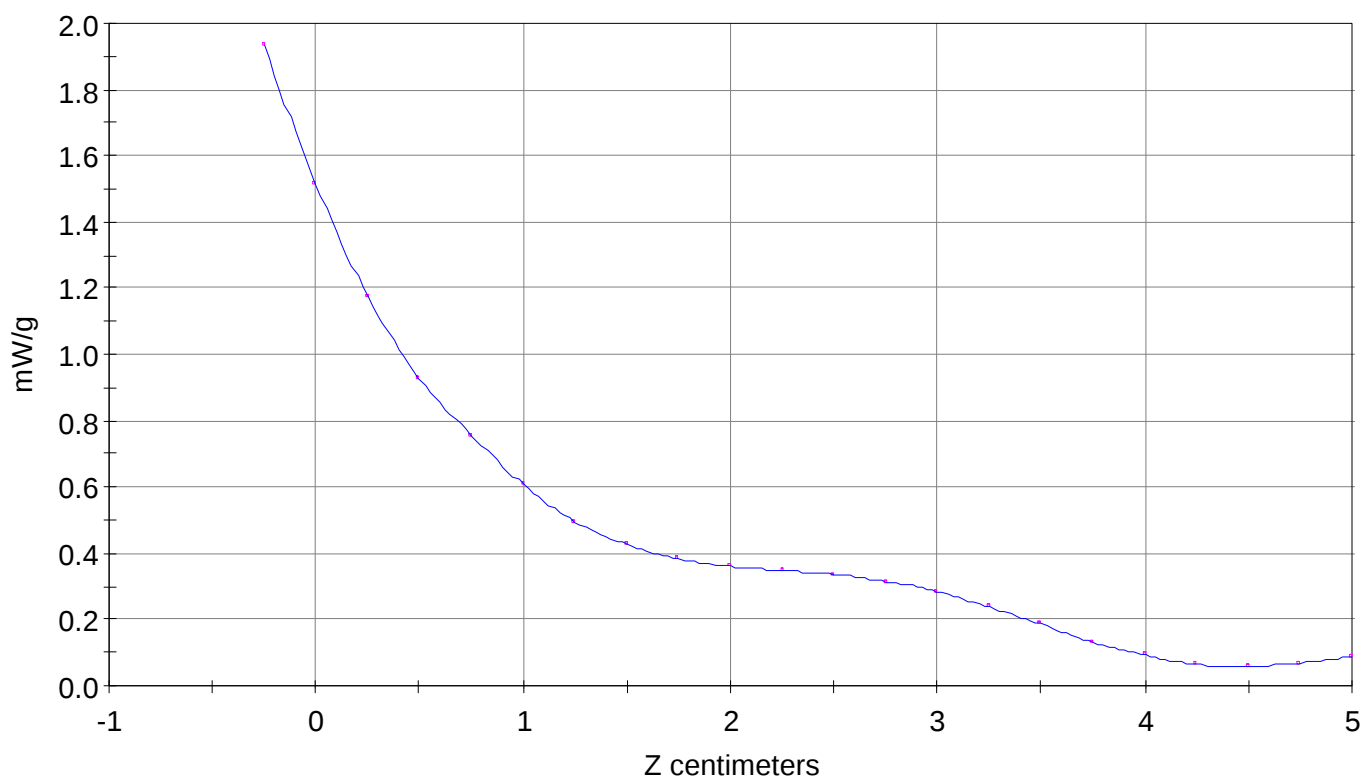
Calc. Voltage @ Surface (Vs) = 0.0265

Voltage @ 1.00 cm (Vt) = 0.0104

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

Ave. SAR over 1 g (mW/g) = 1.3458

SAR Scan
File : 00061211_ZOOM
Start : 12-Jun-100 03:03:36 pm End : 12-Jun-100 03:12:43 pm
SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

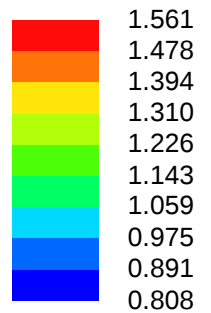
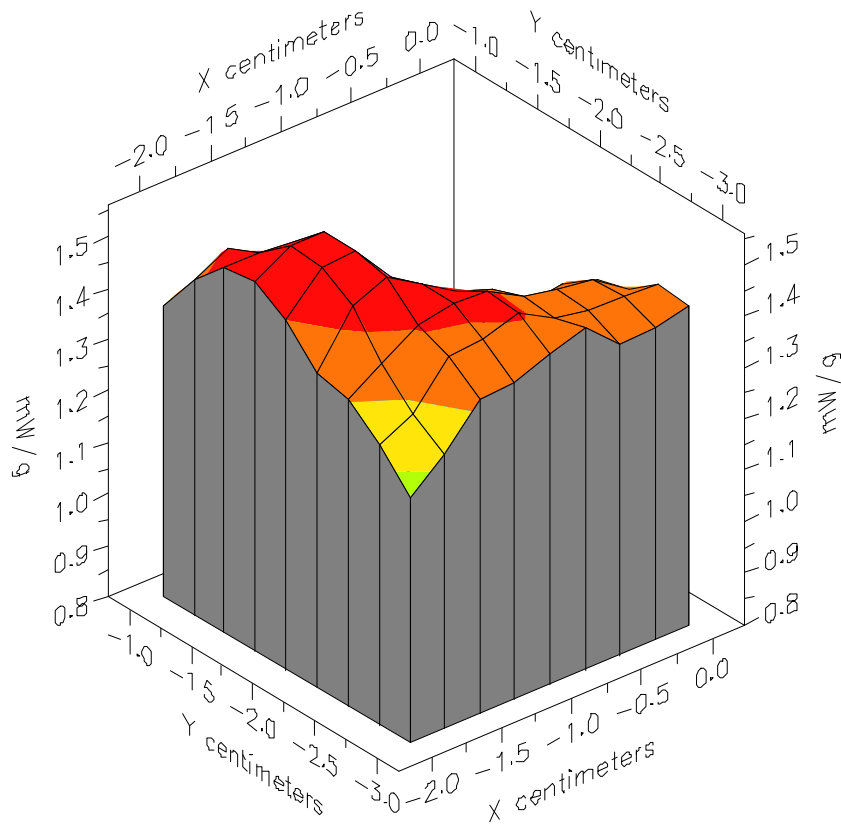


File : 00061211_ZOOM

Start : 12-Jun-100 03:03:36 pm End : 12-Jun-100 03:12:43 pm

SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/In;

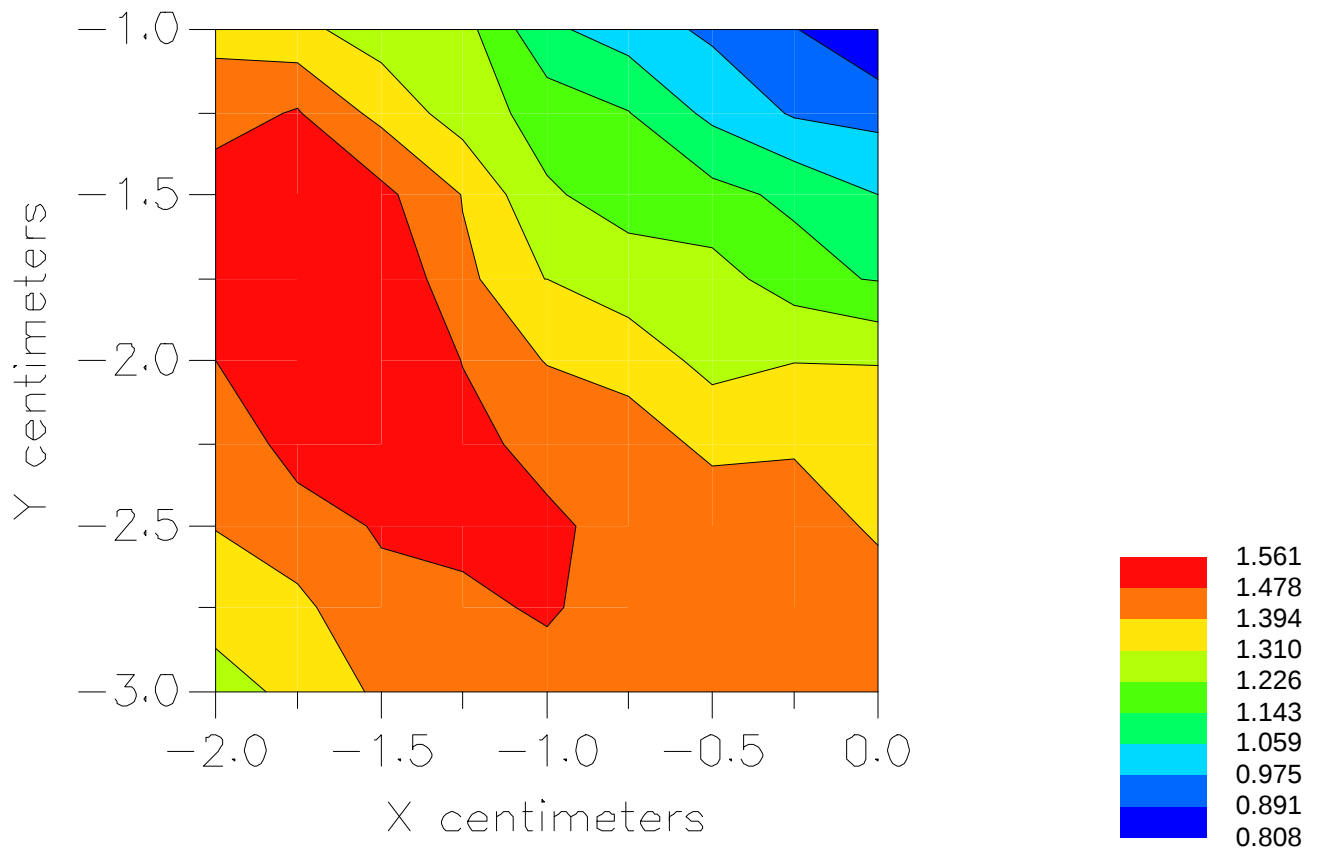
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 00061211_ZOOM

Start : 12-Jun-100 03:03:36 pm End : 12-Jun-100 03:12:43 pm

SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061218_ZOOM.VLT
Start : 12-Jun-100 05:38:00 pm End : 12-Jun-100 05:49:19 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0799 25.8 dBm conducted
SAMSUNG DUAL BAND PHONE

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 = -1.500, Y = -1.750, Z = 0.000 (cm) Value = 23.788

Measured Values (volts) =
2.287E-002 1.830E-002 1.434E-002 1.160E-002 9.304E-003 7.870E-003
6.906E-003 6.276E-003 6.059E-003 5.921E-003 5.643E-003 5.253E-003
4.656E-003 3.759E-003 2.872E-003 1.979E-003 1.379E-003 1.044E-003
1.003E-003 1.205E-003 1.591E-003

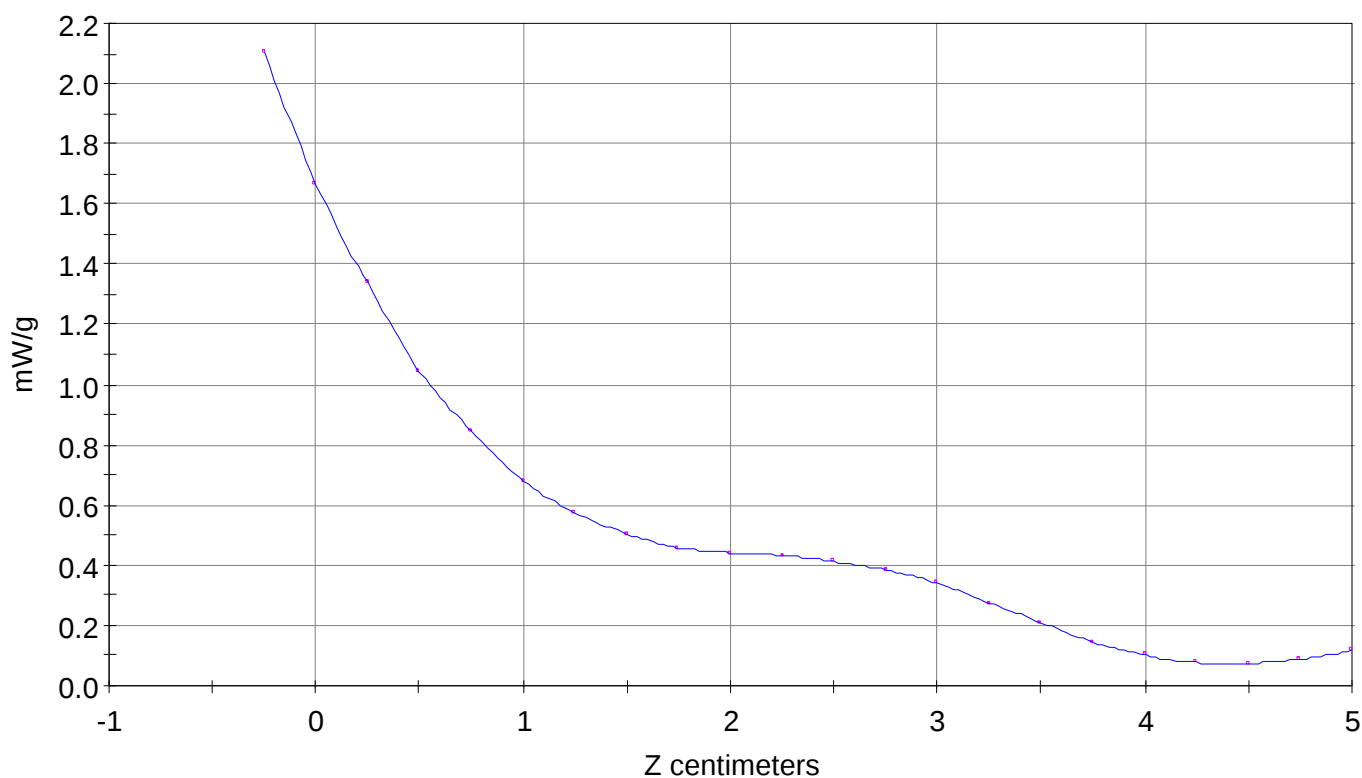
Calc. Voltage @ Surface (Vs) = 0.0289

Voltage @ 1.00 cm (Vt) = 0.0116

Ave. Voltage (Vs+Vt)/2 = 0.0202

Ave. SAR over 1 g (mW/g) = 1.4771

SAR Scan
File : 00061218_ZOOM
Start : 12-Jun-100 05:38:00 pm End : 12-Jun-100 05:49:19 pm
SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

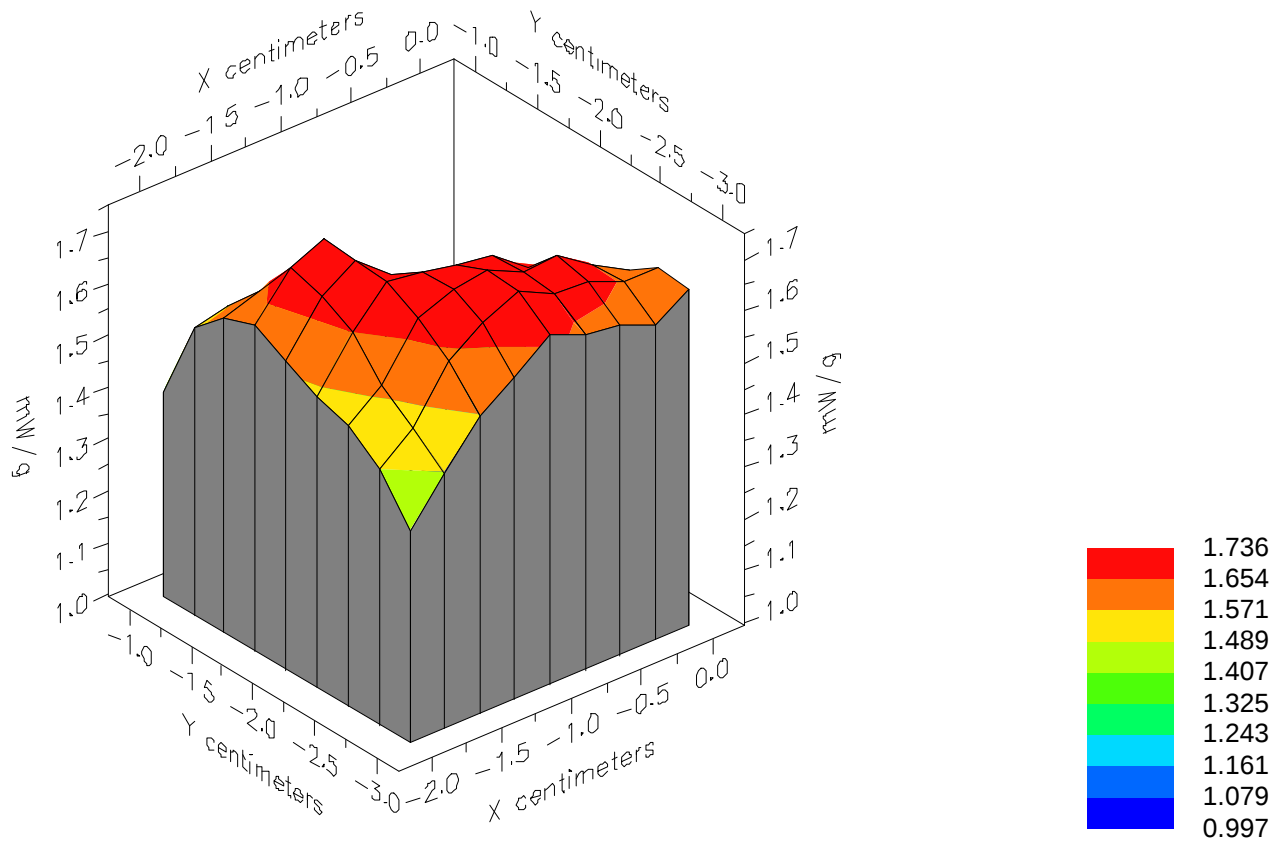


File : 00061218_ZOOM

Start : 12-Jun-100 05:38:00 pm End : 12-Jun-100 05:49:19 pm

SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/Out;

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

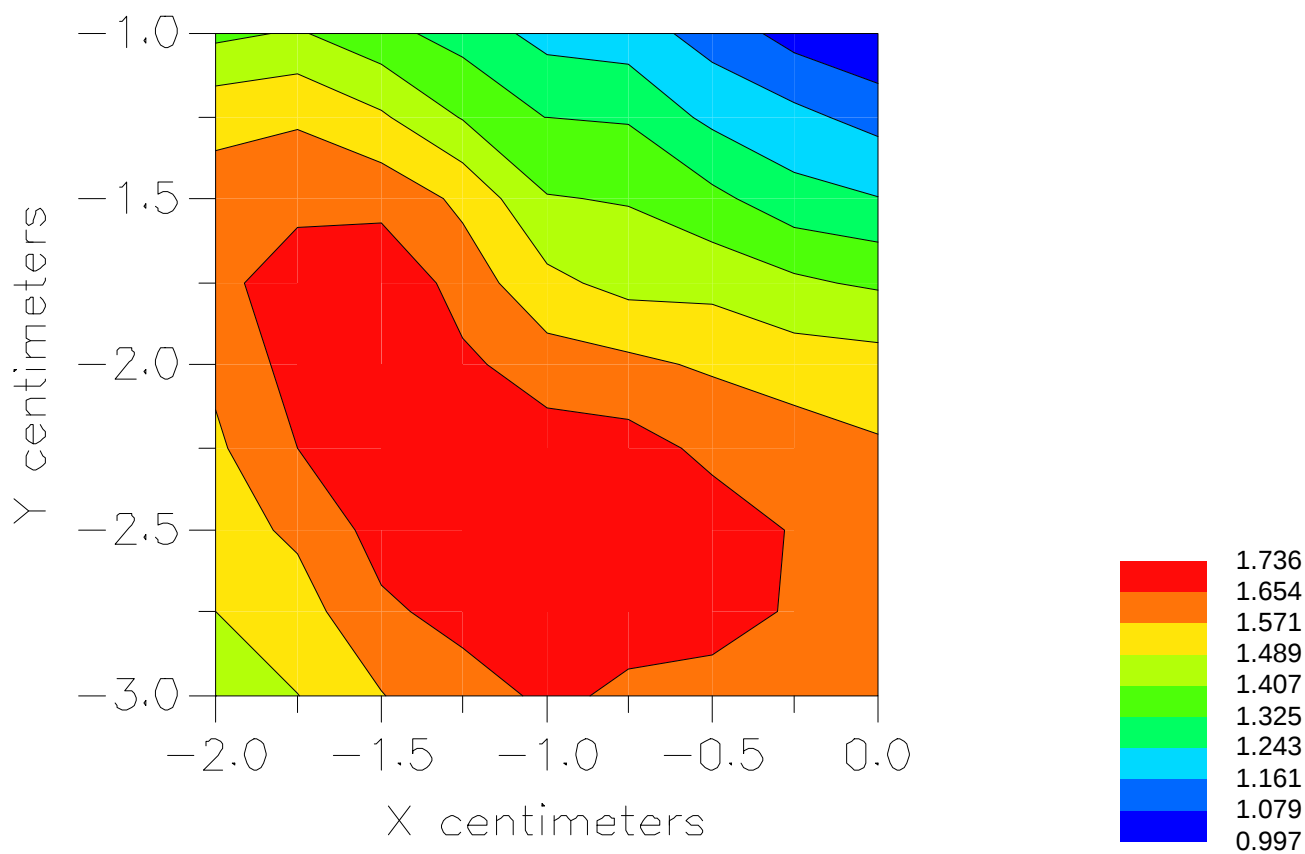


File : 00061218_ZOOM

Start : 12-Jun-100 05:38:00 pm End : 12-Jun-100 05:49:19 pm

SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061307_ZOOM.VLT
Start : 13-Jun-100 12:25:58 pm End : 13-Jun-100 12:41:06 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 0025 24.0 dBm conducted
SAMSUNG DUAL BAND 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 = -0.500, Z = 0.000 (cm) Value = 8.781

Measured Values (volts) =
8.853E-003 6.328E-003 4.694E-003 3.399E-003 2.660E-003 2.004E-003
1.640E-003 1.204E-003 9.592E-004 7.536E-004 5.426E-004 4.767E-004
4.622E-004 3.234E-004 2.941E-004 2.585E-004 2.423E-004 1.741E-004
2.058E-004 1.635E-004 1.413E-004

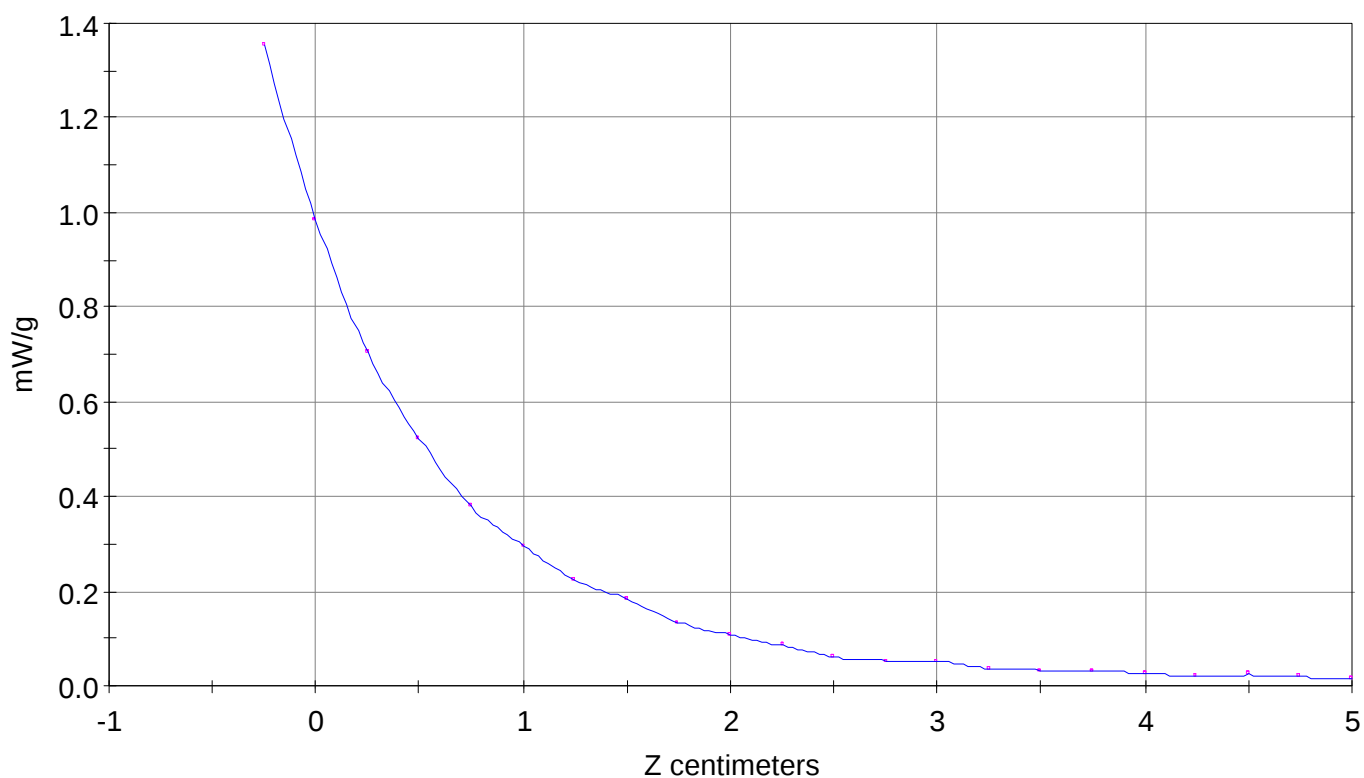
Calc. Voltage @ Surface (Vs) = 0.0122

Voltage @ 1.00 cm (Vt) = 0.0034

Ave. Voltage (Vs+Vt)/2 = 0.0078

Ave. SAR over 1 g (mW/g) = 0.8651

SAR Scan
File : 00061307_ZOOM
Start : 13-Jun-100 12:25:58 pm End : 13-Jun-100 12:41:06 pm
SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

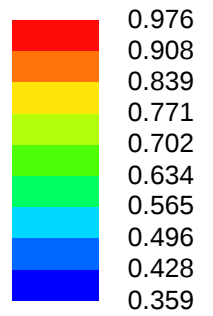
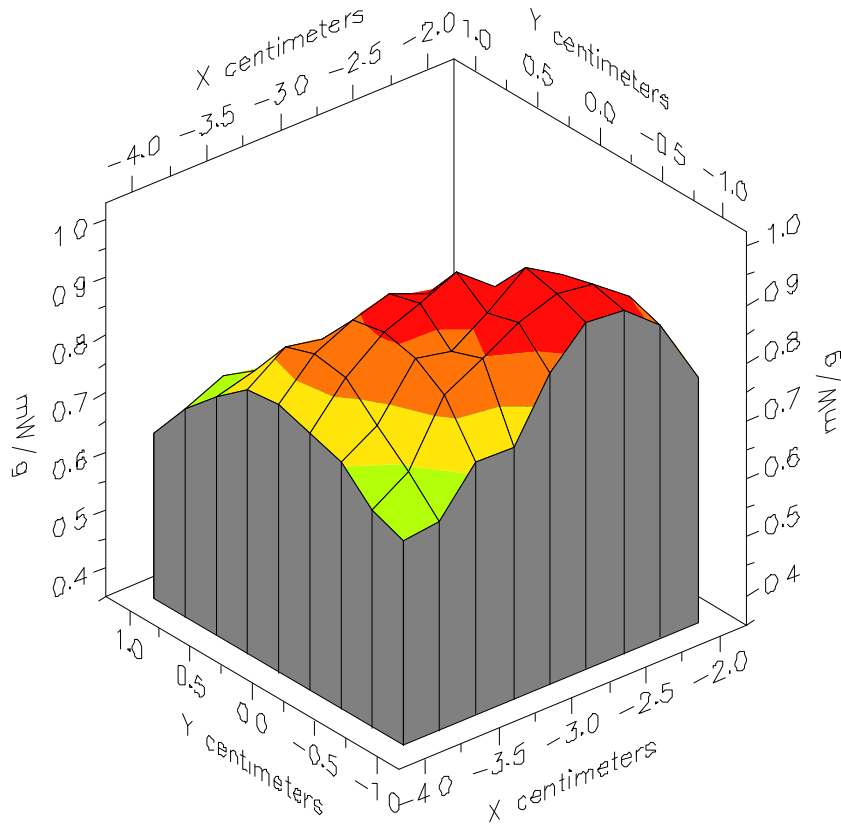


File : 00061307_ZOOM

Start : 13-Jun-100 12:25:58 pm End : 13-Jun-100 12:41:06 pm

SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/Out;

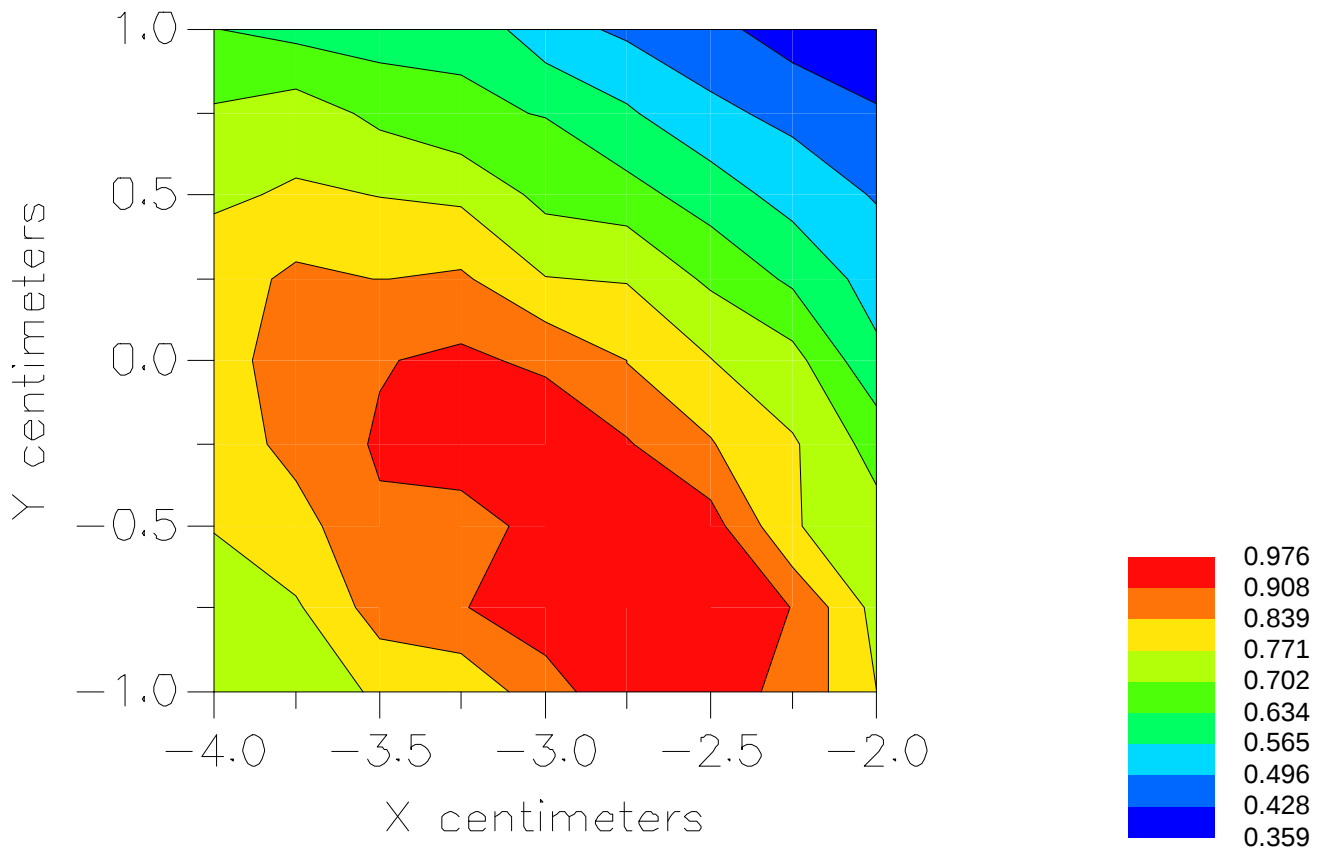
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00061307_ZOOM

Start : 13-Jun-100 12:25:58 pm End : 13-Jun-100 12:41:06 pm

SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061306_ZOOM.VLT
Start : 13-Jun-100 11:58:05 am End : 13-Jun-100 12:10:30 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 0025 24.0 dBm conducted
SAMSUNG DUAL BAND 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 = -1.750, Y = -1.750, Z = 0.000 (cm) Value = 12.969

Measured Values (volts) =
1.180E-002 9.662E-003 6.951E-003 5.255E-003 4.011E-003 3.131E-003
2.354E-003 1.809E-003 1.418E-003 1.061E-003 8.475E-004 7.099E-004
5.816E-004 4.951E-004 3.622E-004 2.797E-004 2.717E-004 2.807E-004
2.528E-004 1.743E-004 1.885E-004

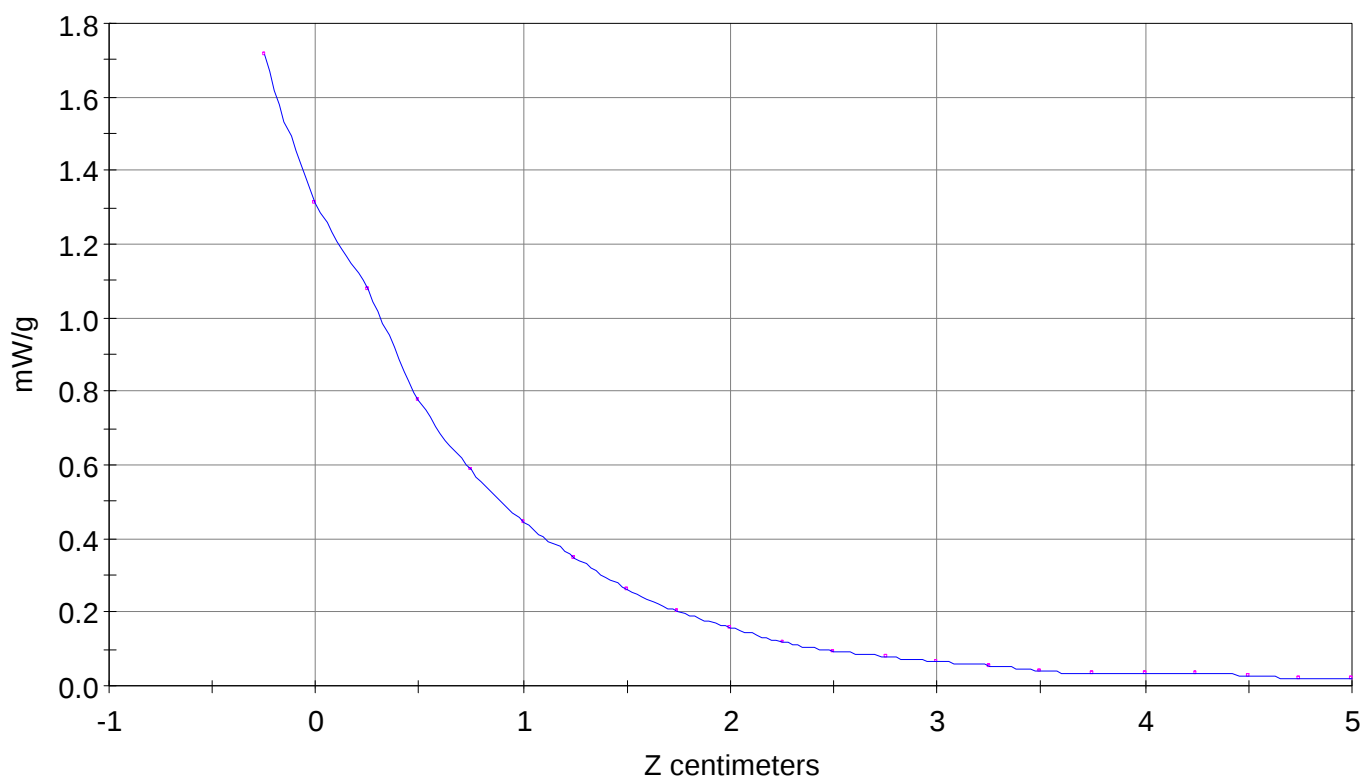
Calc. Voltage @ Surface (Vs) = 0.0154

Voltage @ 1.00 cm (Vt) = 0.0053

Ave. Voltage (Vs+Vt)/2 = 0.0103

Ave. SAR over 1 g (mW/g) = 1.1492

SAR Scan
File : 00061306_ZOOM
Start : 13-Jun-100 11:58:05 am End : 13-Jun-100 12:10:30 pm
SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

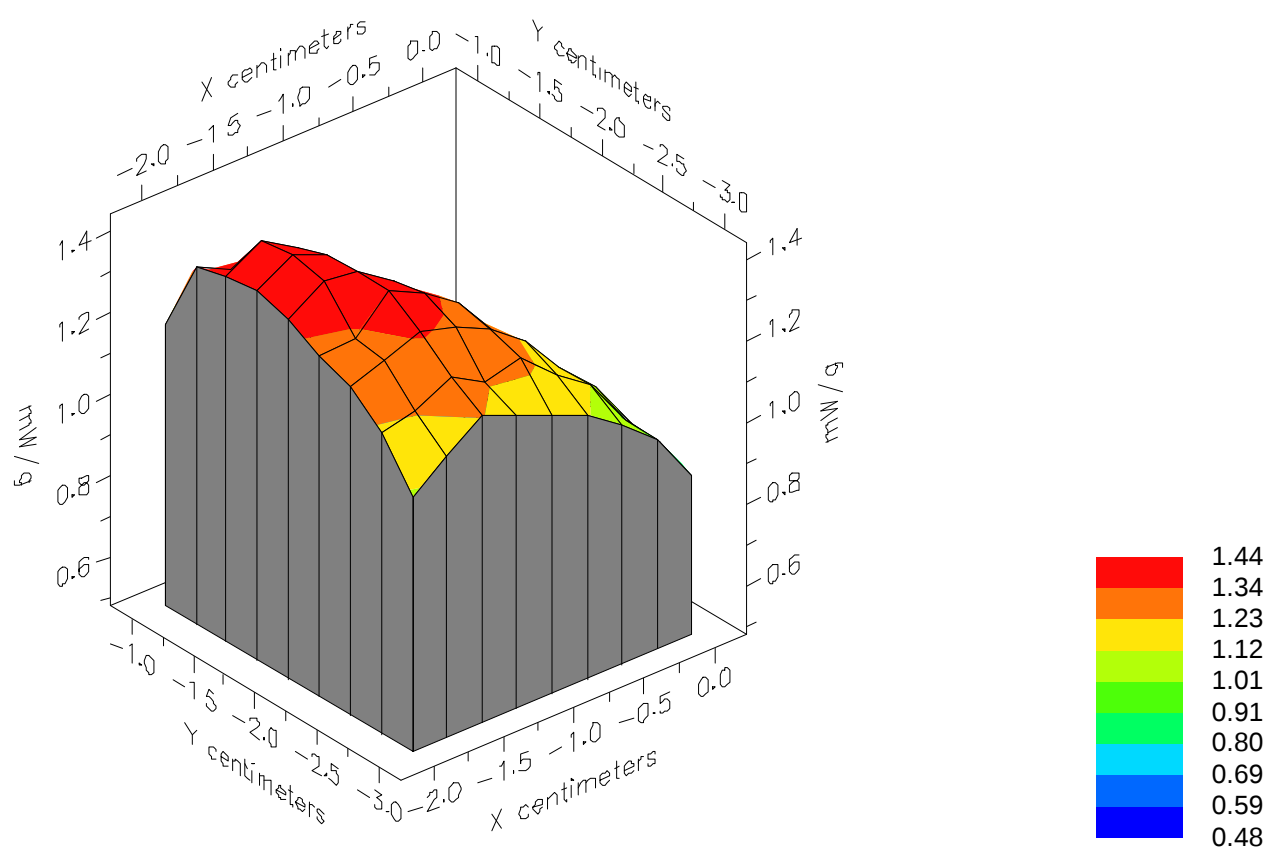


File : 00061306_ZOOM

Start : 13-Jun-100 11:58:05 am End : 13-Jun-100 12:10:30 pm

SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

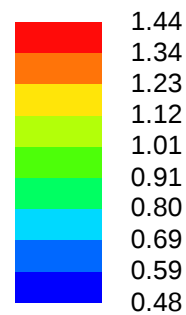
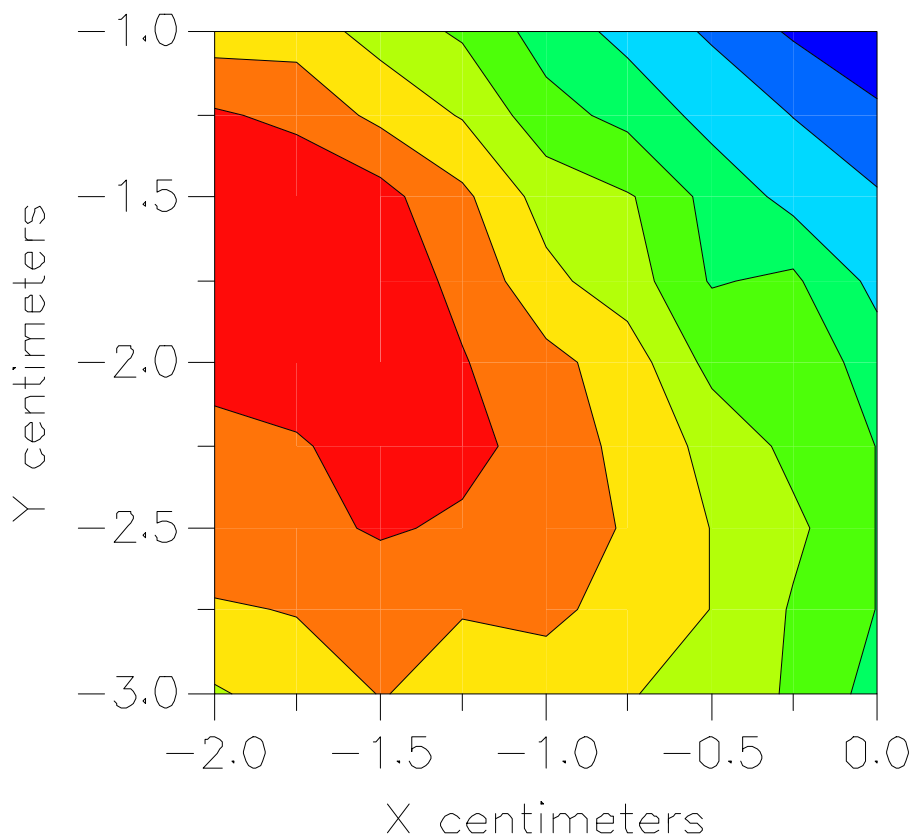


File : 00061306_ZOOM

Start : 13-Jun-100 11:58:05 am End : 13-Jun-100 12:10:30 pm

SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061305_ZOOM.VLT
Start : 13-Jun-100 11:31:09 am End : 13-Jun-100 11:44:34 am

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 1880 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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 0600 24.0 dBm conducted
SAMSUNG DUAL BAND 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 = -0.250, Z = 0.000 (cm) Value = 8.838

Measured Values (volts) =
8.060E-003 5.950E-003 4.283E-003 3.306E-003 2.481E-003 1.923E-003
1.472E-003 1.146E-003 9.311E-004 6.983E-004 5.985E-004 4.592E-004
3.794E-004 3.558E-004 2.935E-004 2.519E-004 1.982E-004 2.551E-004
2.271E-004 2.181E-004 1.669E-004

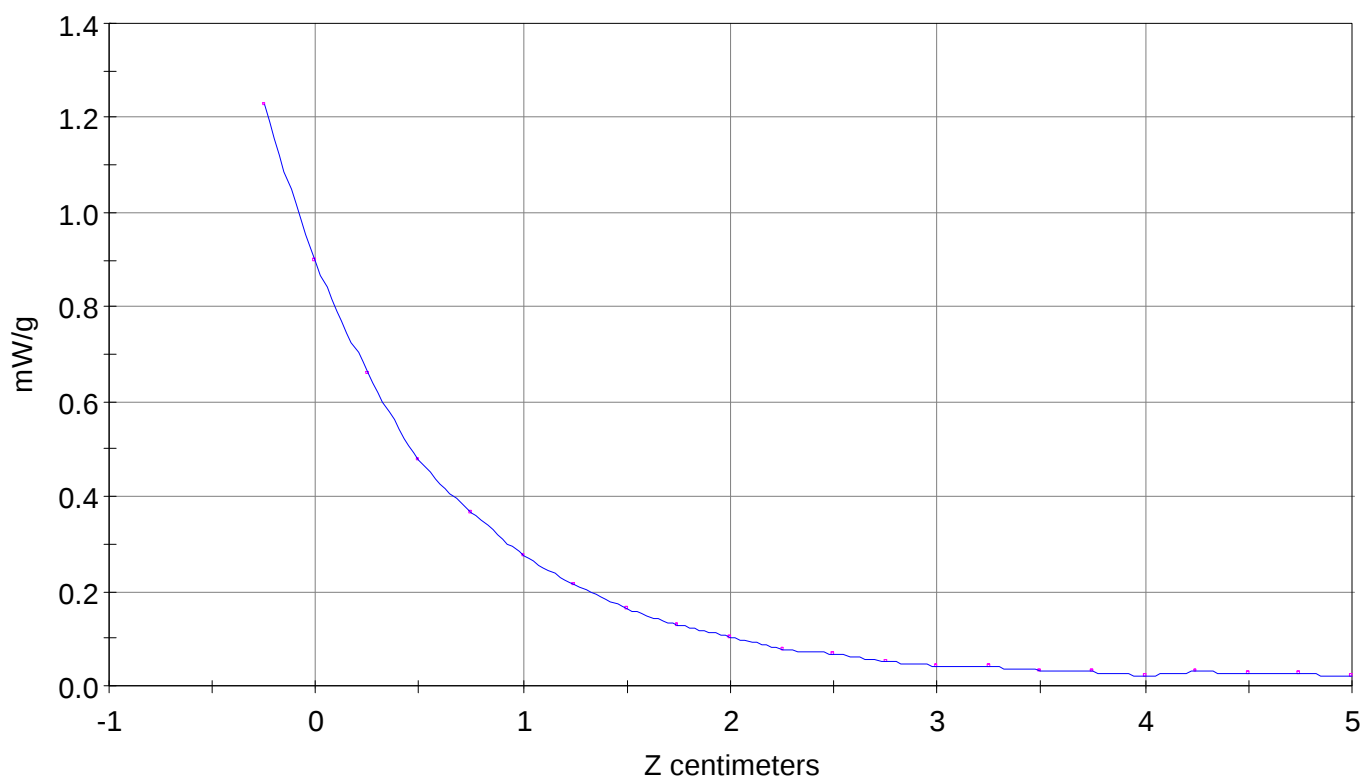
Calc. Voltage @ Surface (Vs) = 0.0111

Voltage @ 1.00 cm (Vt) = 0.0033

Ave. Voltage (Vs+Vt)/2 = 0.0072

Ave. SAR over 1 g (mW/g) = 0.7987

SAR Scan
File : 00061305_ZOOM
Start : 13-Jun-100 11:31:09 am End : 13-Jun-100 11:44:34 am
SAMSUNG/A3LSPHM100/B01E1737;1880MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

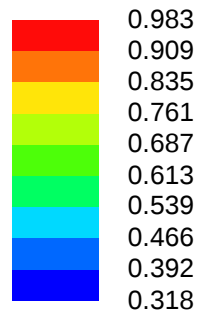
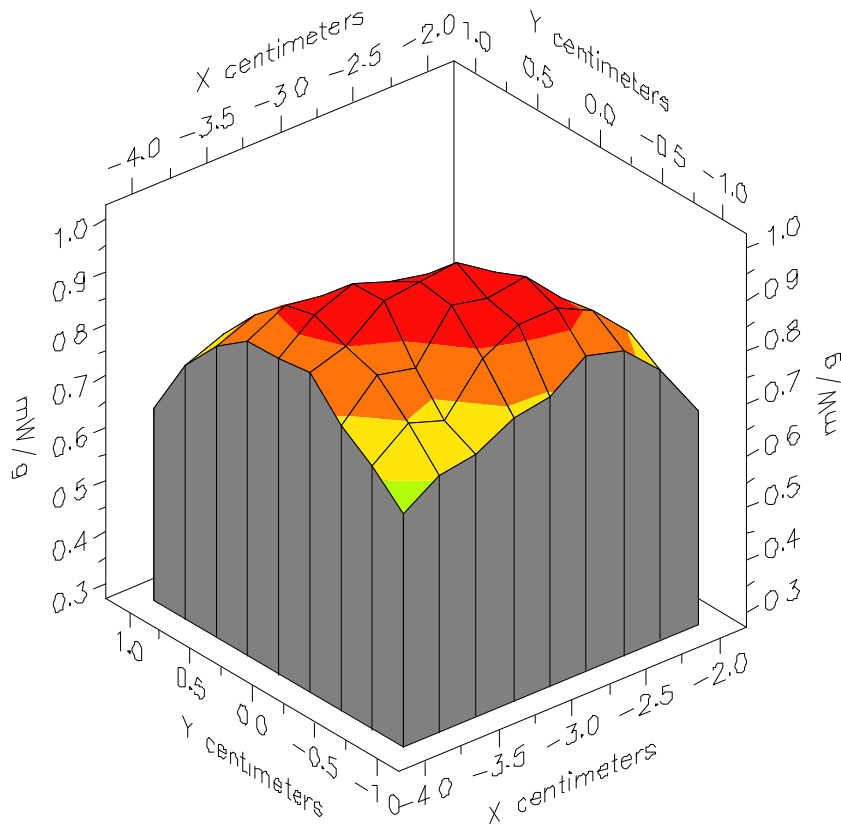


File : 00061305_ZOOM

Start : 13-Jun-100 11:31:09 am End : 13-Jun-100 11:44:34 am

SAMSUNG/A3LSPHM100/B01E1737;1880MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

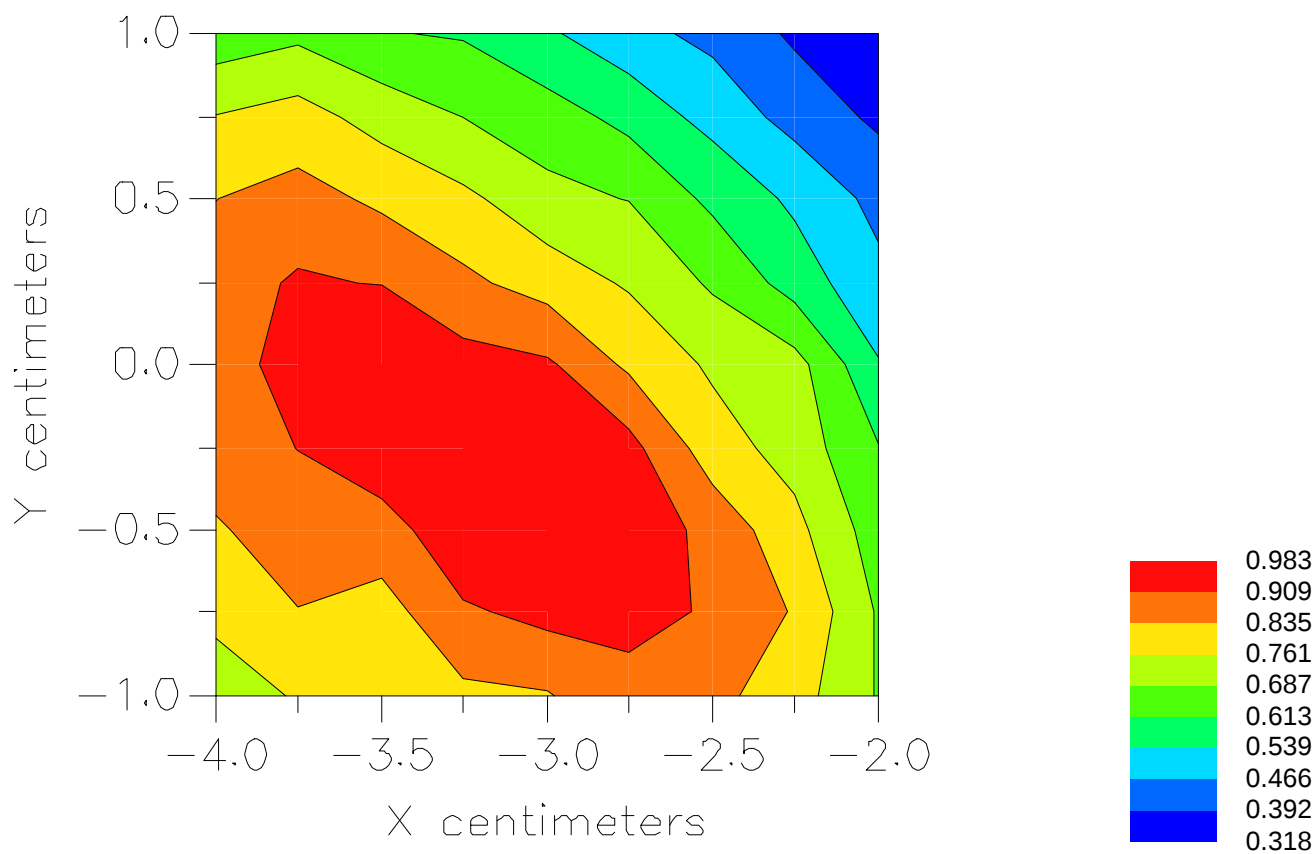


File : 00061305_ZOOM

Start : 13-Jun-100 11:31:09 am End : 13-Jun-100 11:44:34 am

SAMSUNG/A3LSPHM100/B01E1737;1880MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061304_ZOOM.VLT
Start : 13-Jun-100 11:03:23 am End : 13-Jun-100 11:15:42 am

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 1880 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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 0600 24.0 dBm conducted
SAMSUNG DUAL BAND 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 = -1.750, Y = -1.750, Z = 0.000 (cm) Value = 12.571

Measured Values (volts) =
1.166E-002 8.639E-003 6.425E-003 4.723E-003 3.697E-003 2.789E-003
2.183E-003 1.645E-003 1.200E-003 1.008E-003 7.690E-004 6.610E-004
5.343E-004 3.796E-004 3.587E-004 3.216E-004 3.498E-004 2.714E-004
2.337E-004 1.678E-004 2.366E-004

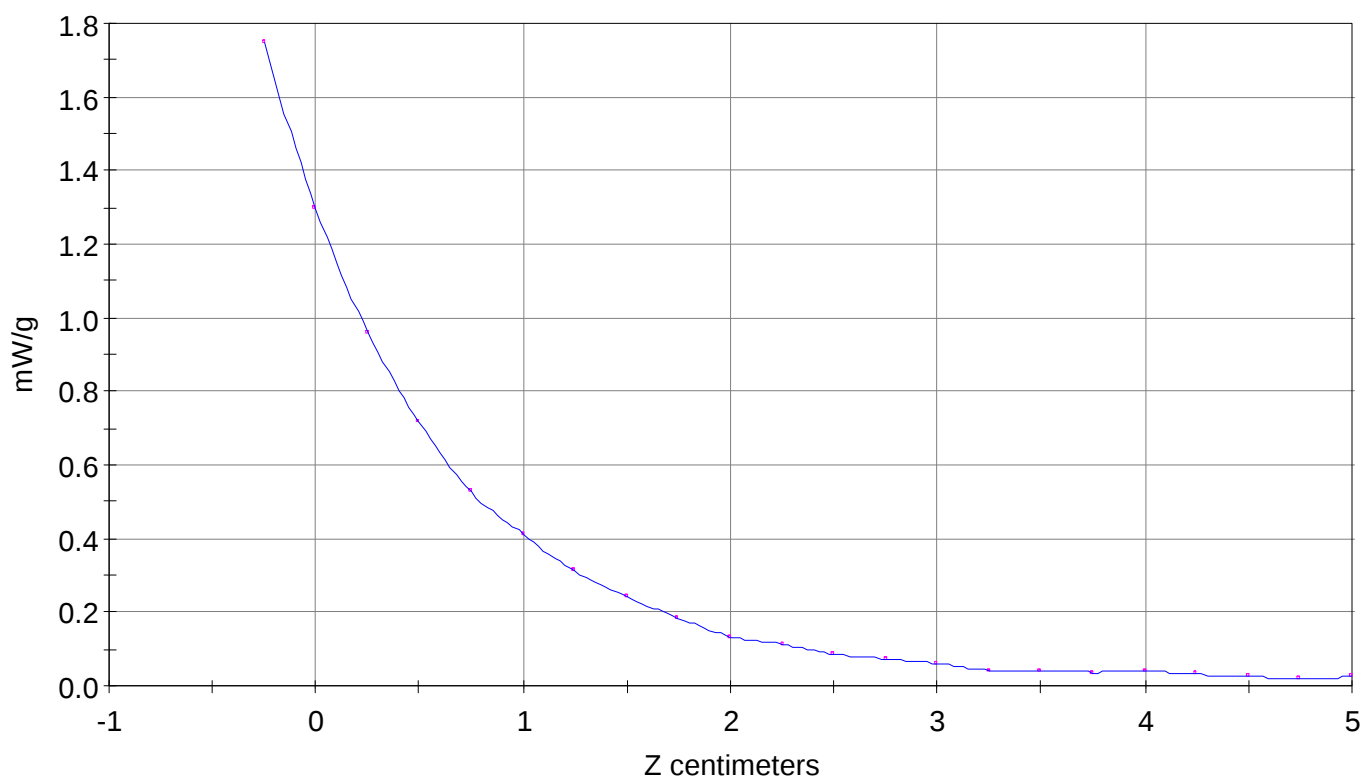
Calc. Voltage @ Surface (Vs) = 0.0157

Voltage @ 1.00 cm (Vt) = 0.0047

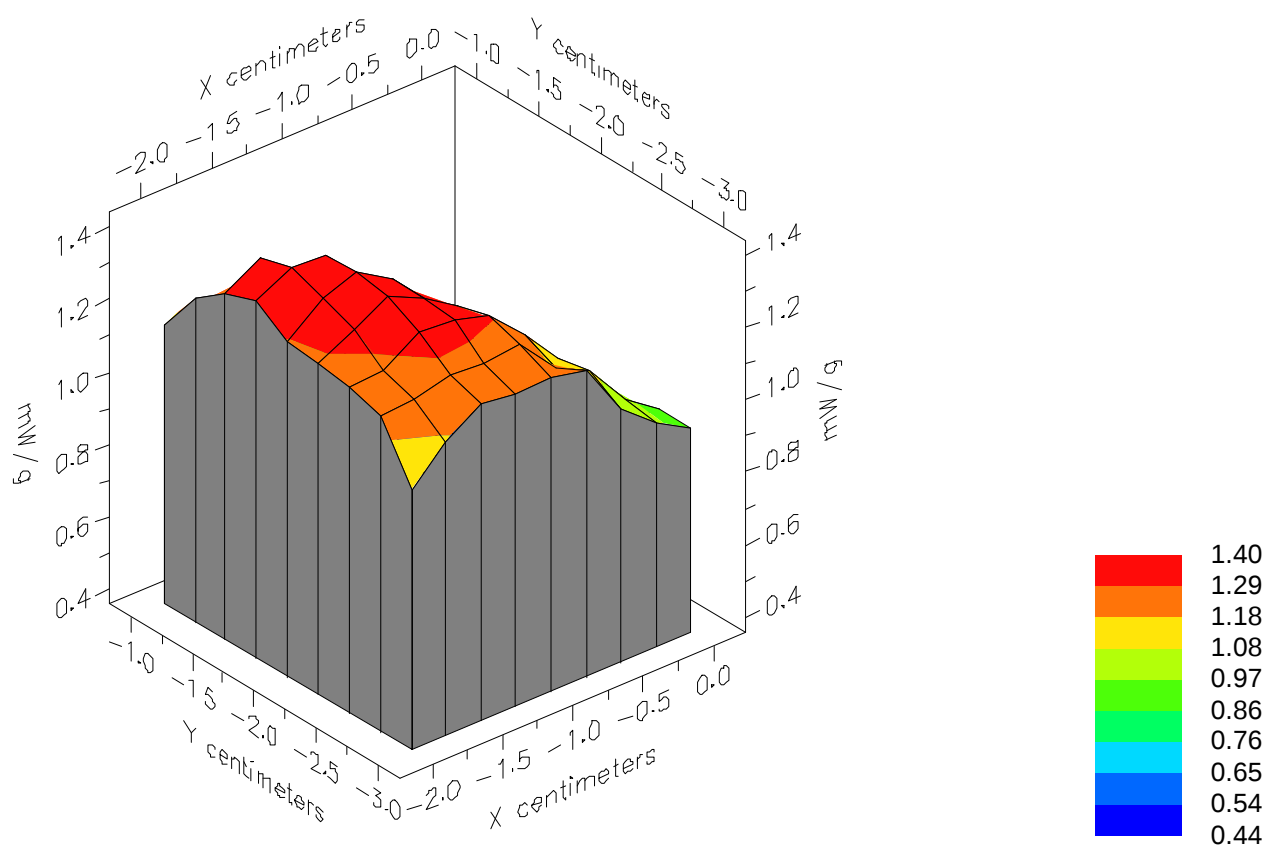
Ave. Voltage (Vs+Vt)/2 = 0.0102

Ave. SAR over 1 g (mW/g) = 1.1365

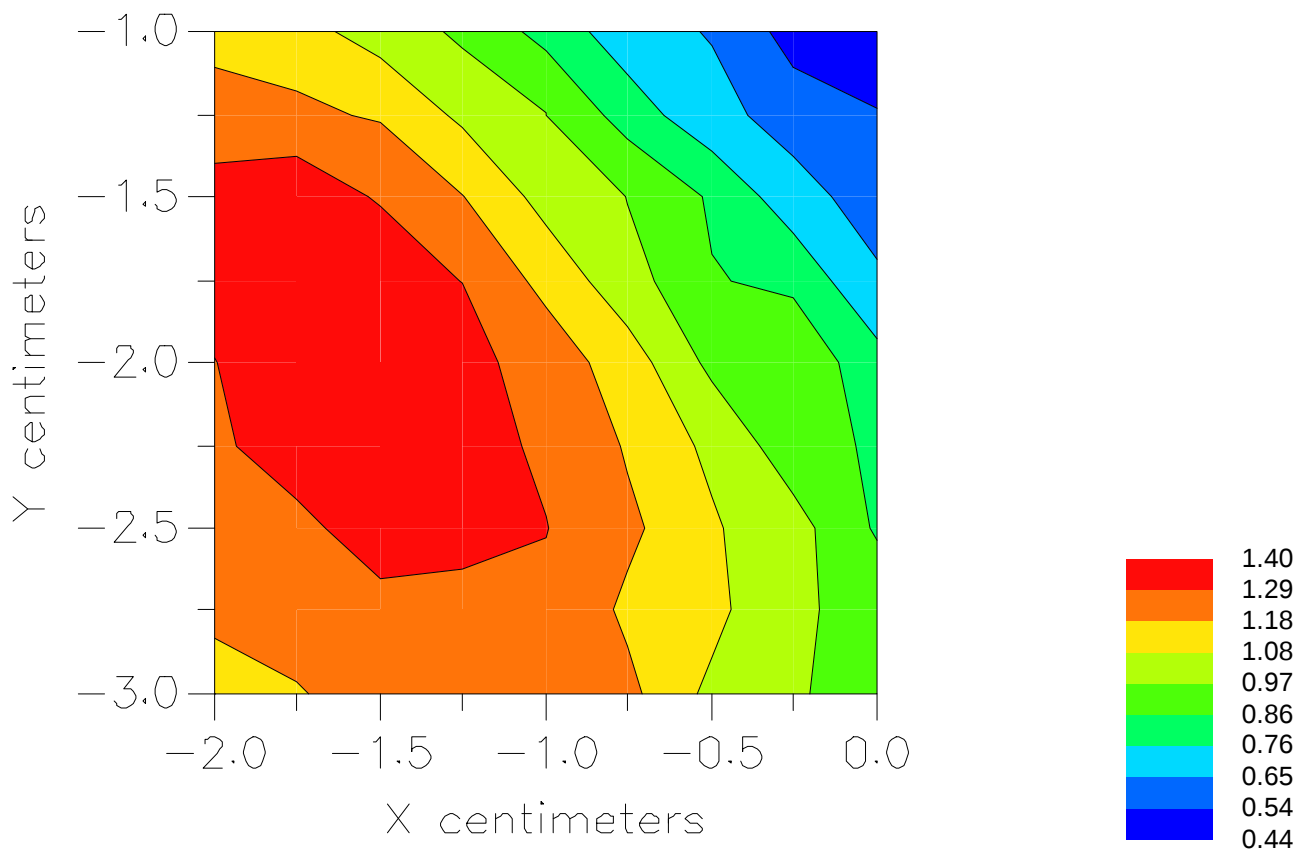
SAR Scan
File : 00061304_ZOOM
Start : 13-Jun-100 11:03:23 am End : 13-Jun-100 11:15:42 am
SAMSUNG/A3LSPHM100/B01E1737;1880MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00061304_ZOOM
Start : 13-Jun-100 11:03:23 am End : 13-Jun-100 11:15:42 am
SAMSUNG/A3LSPHM100/B01E1737;1880MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00061304_ZOOM
Start : 13-Jun-100 11:03:23 am End : 13-Jun-100 11:15:42 am
SAMSUNG/A3LSPHM100/B01E1737;1880MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061302_ZOOM.VLT
Start : 13-Jun-100 09:58:34 am End : 13-Jun-100 10:13:40 am

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 1175 24.0 dBm conducted
SAMSUNG DUAL BAND 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 = -0.250, Z = 0.000 (cm) Value = 8.693

Measured Values (volts) =
1.237E-002 9.021E-003 6.142E-003 4.442E-003 3.220E-003 2.489E-003
1.822E-003 1.312E-003 1.118E-003 8.017E-004 6.863E-004 5.355E-004
3.892E-004 3.861E-004 3.699E-004 2.781E-004 2.260E-004 2.714E-004
2.458E-004 2.516E-004 2.277E-004

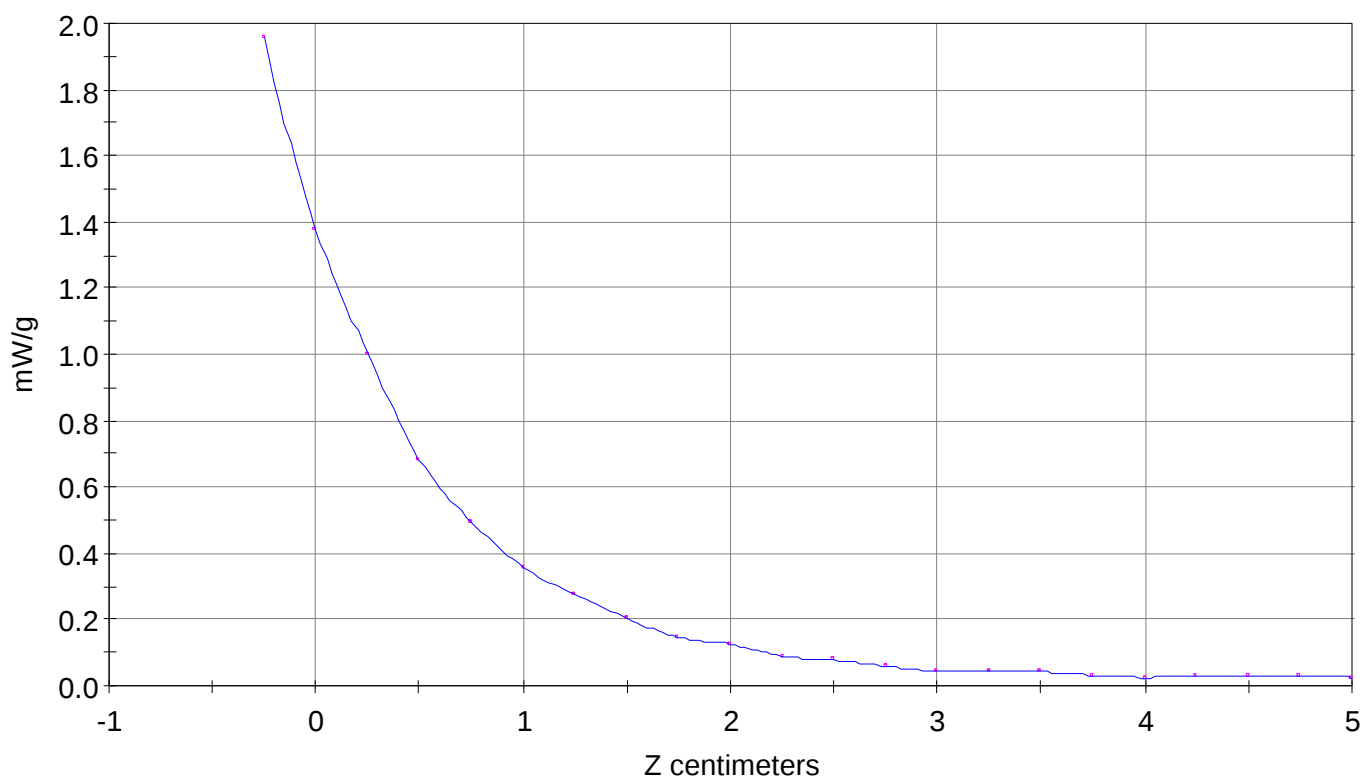
Calc. Voltage @ Surface (Vs) = 0.0176

Voltage @ 1.00 cm (Vt) = 0.0044

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

Ave. SAR over 1 g (mW/g) = 1.2238

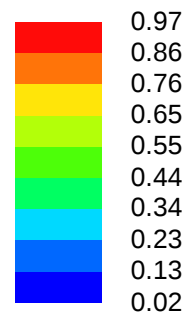
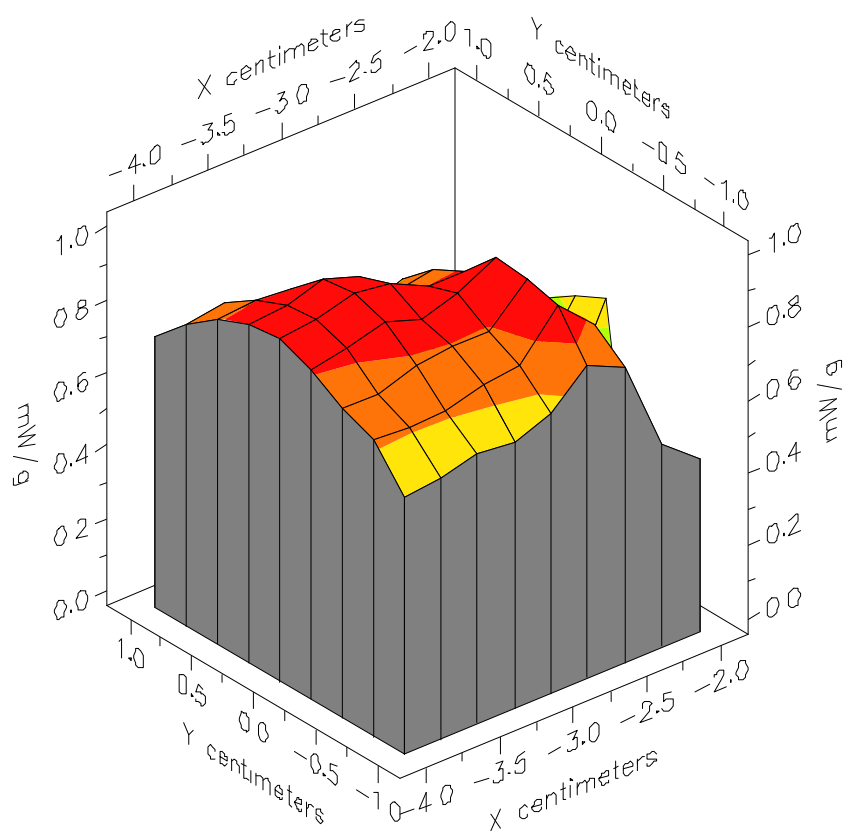
SAR Scan
File : 00061302_ZOOM
Start : 13-Jun-100 09:58:34 am End : 13-Jun-100 10:13:40 am
SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00061302_ZOOM

Start : 13-Jun-100 09:58:34 am End : 13-Jun-100 10:13:40 am

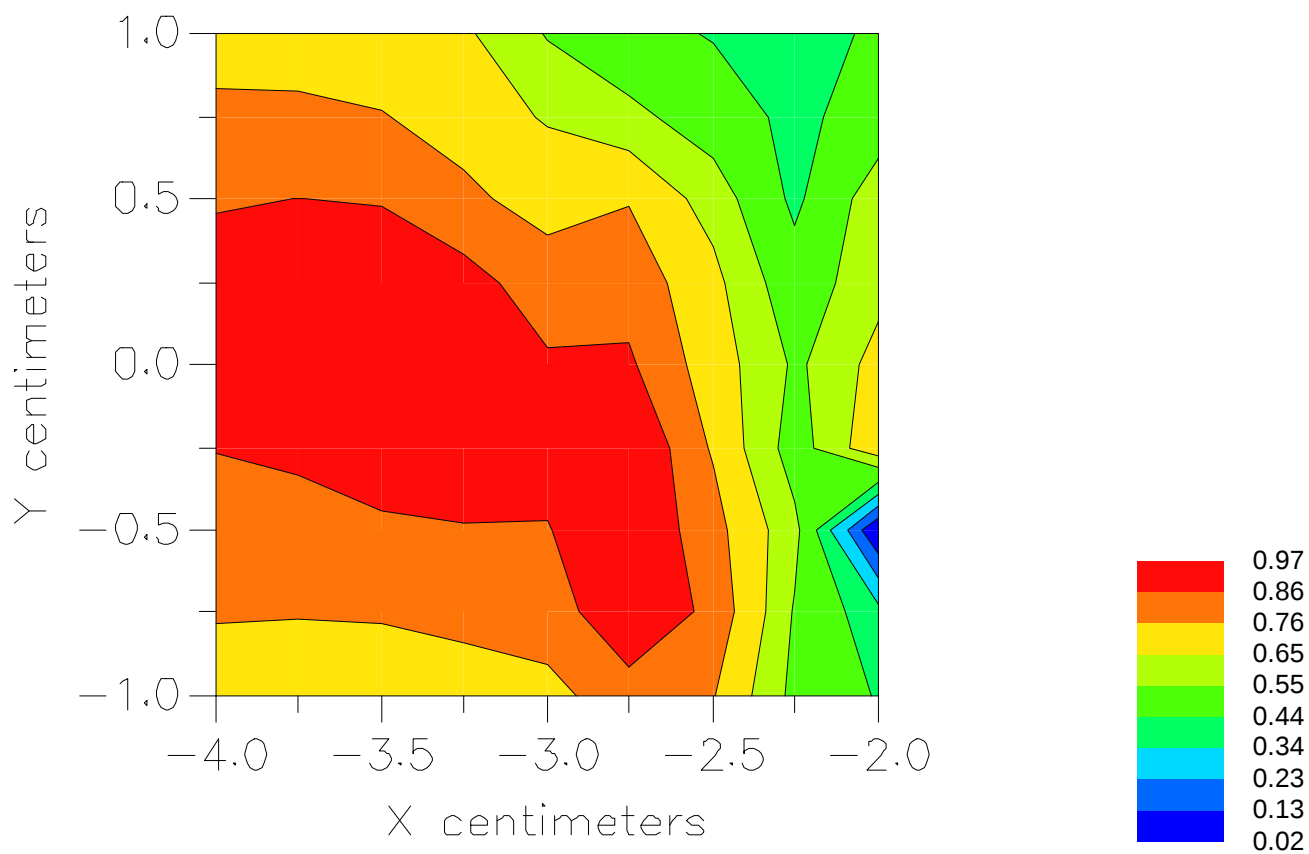
SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 Degrees Brain/41.300/1.650



File : 00061302_ZOOM

Start : 13-Jun-100 09:58:34 am End : 13-Jun-100 10:13:40 am

SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061303_ZOOM.VLT
Start : 13-Jun-100 10:26:01 am End : 13-Jun-100 10:38:03 am

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 1175 24.0 dBm conducted
SAMSUNG DUAL BAND 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 = -2.000, Y = -1.500, Z = 0.000 (cm) Value = 15.291

Measured Values (volts) =
1.478E-002 1.118E-002 8.106E-003 5.808E-003 4.462E-003 3.449E-003
2.639E-003 1.968E-003 1.511E-003 1.145E-003 8.460E-004 7.405E-004
6.319E-004 4.679E-004 3.926E-004 3.224E-004 3.383E-004 2.859E-004
2.519E-004 1.952E-004 2.159E-004

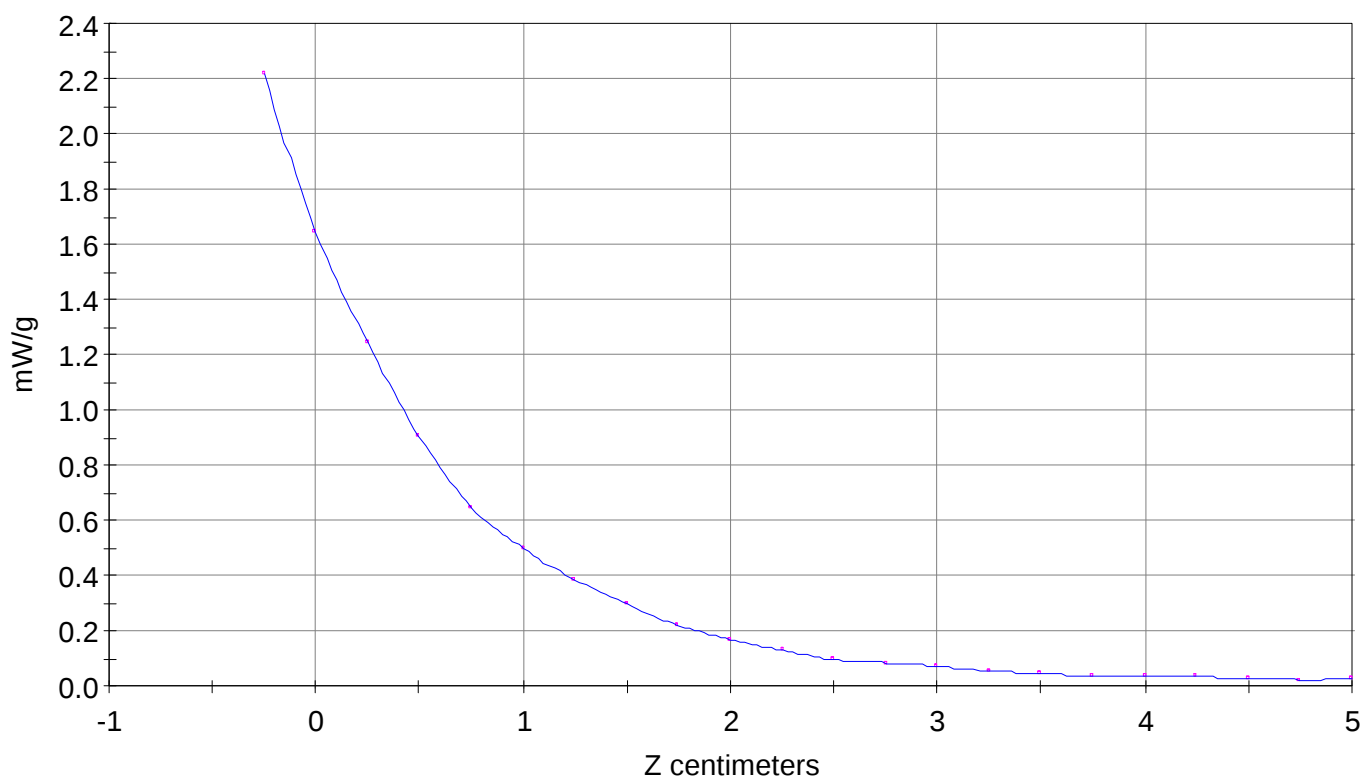
Calc. Voltage @ Surface (Vs) = 0.0200

Voltage @ 1.00 cm (Vt) = 0.0058

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

Ave. SAR over 1 g (mW/g) = 1.4327

SAR Scan
File : 00061303_ZOOM
Start : 13-Jun-100 10:26:01 am End : 13-Jun-100 10:38:03 am
SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

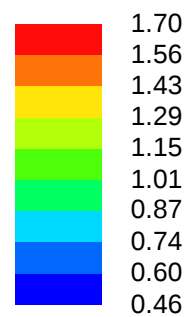
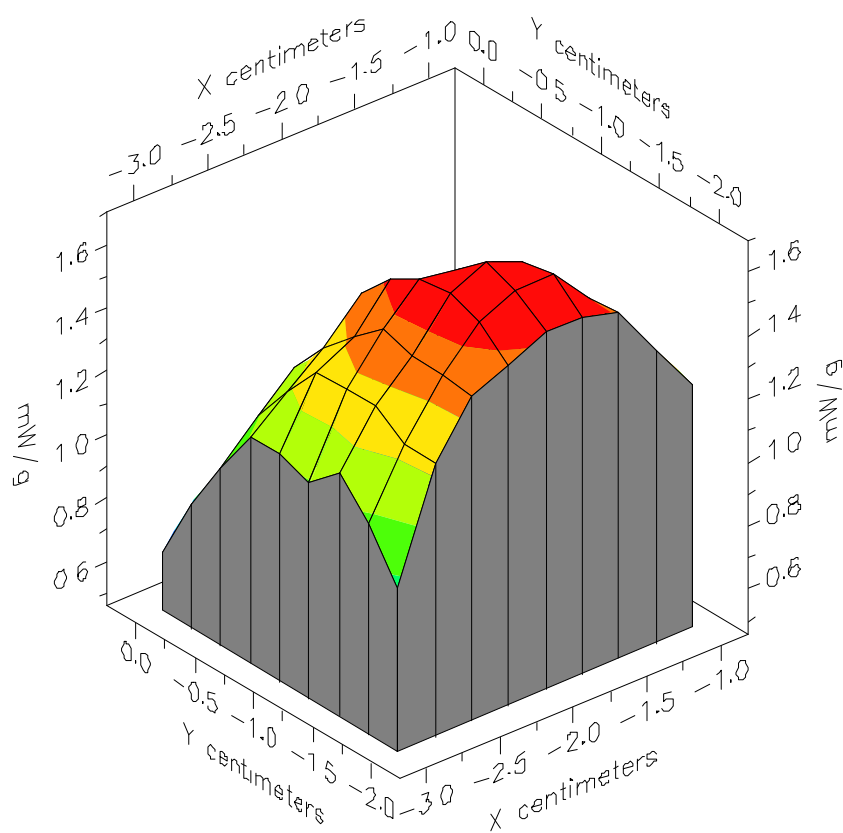


File : 00061303_ZOOM

Start : 13-Jun-100 10:26:01 am End : 13-Jun-100 10:38:03 am

SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/In;

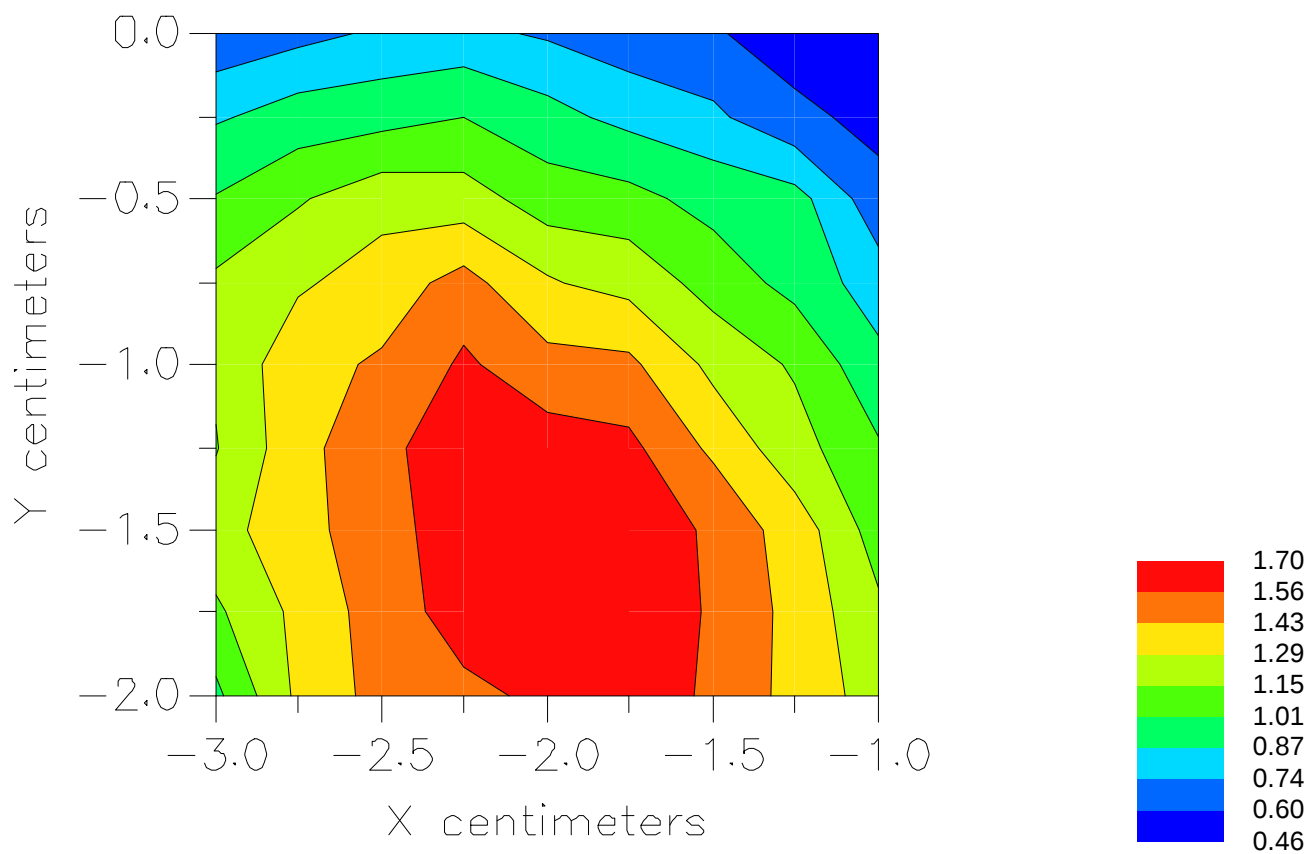
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00061303_ZOOM

Start : 13-Jun-100 10:26:01 am End : 13-Jun-100 10:38:03 am

SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00061315_ZOOM.VLT
Start : 13-Jun-100 05:20:01 pm End : 13-Jun-100 05:29:56 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 25.8 dBm conducted BODY SAR
SAMSUNG DUAL BAND PHONE

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 = 0.250, Y = 1.250, Z = 0.000 (cm) Value = 15.993

Measured Values (volts) =
1.582E-002 1.286E-002 1.053E-002 8.469E-003 7.277E-003 6.528E-003
6.278E-003 6.051E-003 5.925E-003 5.491E-003 4.854E-003 3.761E-003
2.689E-003 1.733E-003 1.131E-003 9.738E-004 1.208E-003 1.735E-003
2.234E-003 2.394E-003 2.007E-003

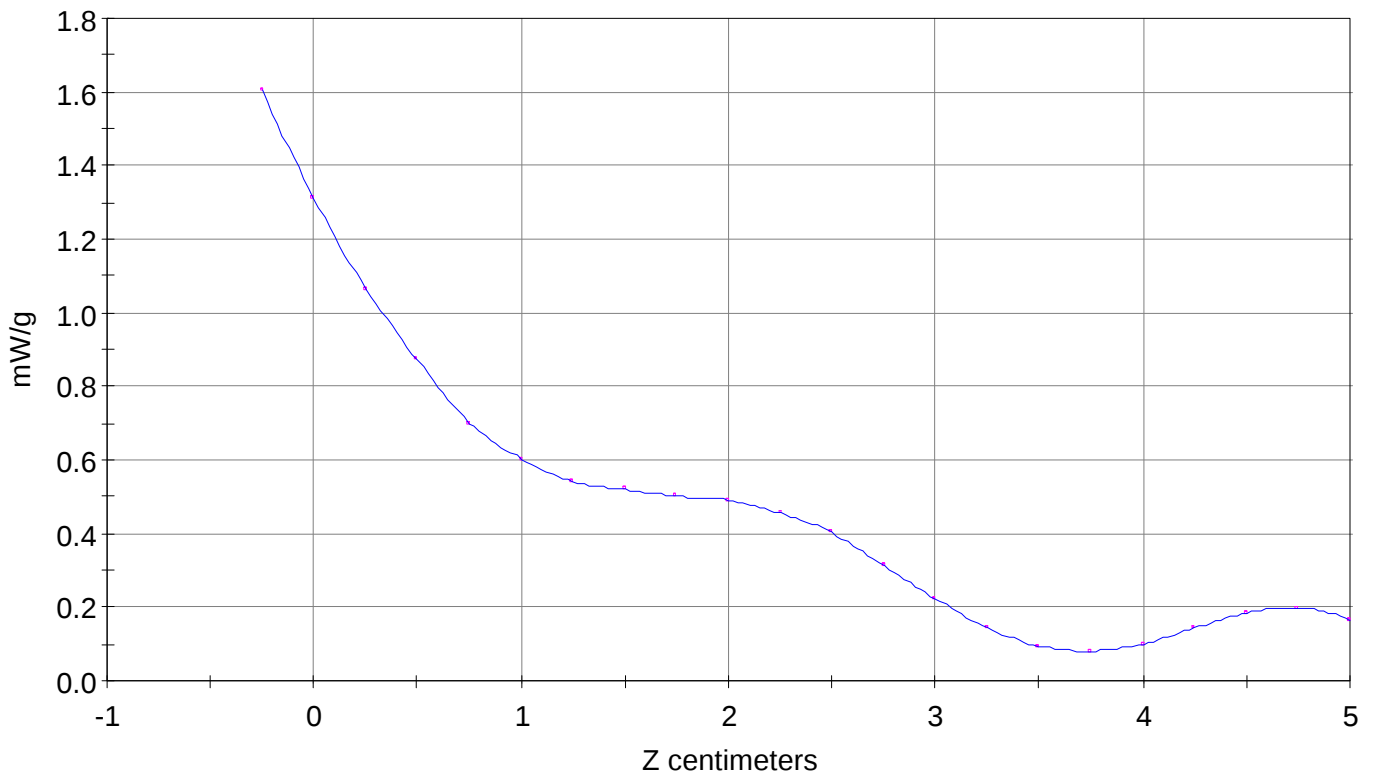
Calc. Voltage @ Surface (Vs) = 0.0194

Voltage @ 1.00 cm (Vt) = 0.0085

Ave. Voltage (Vs+Vt)/2 = 0.0139

Ave. SAR over 1 g (mW/g) = 1.1531

SAR Scan
File : 00061315_ZOOM
Start : 13-Jun-100 05:20:01 pm End : 13-Jun-100 05:29:56 pm
SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

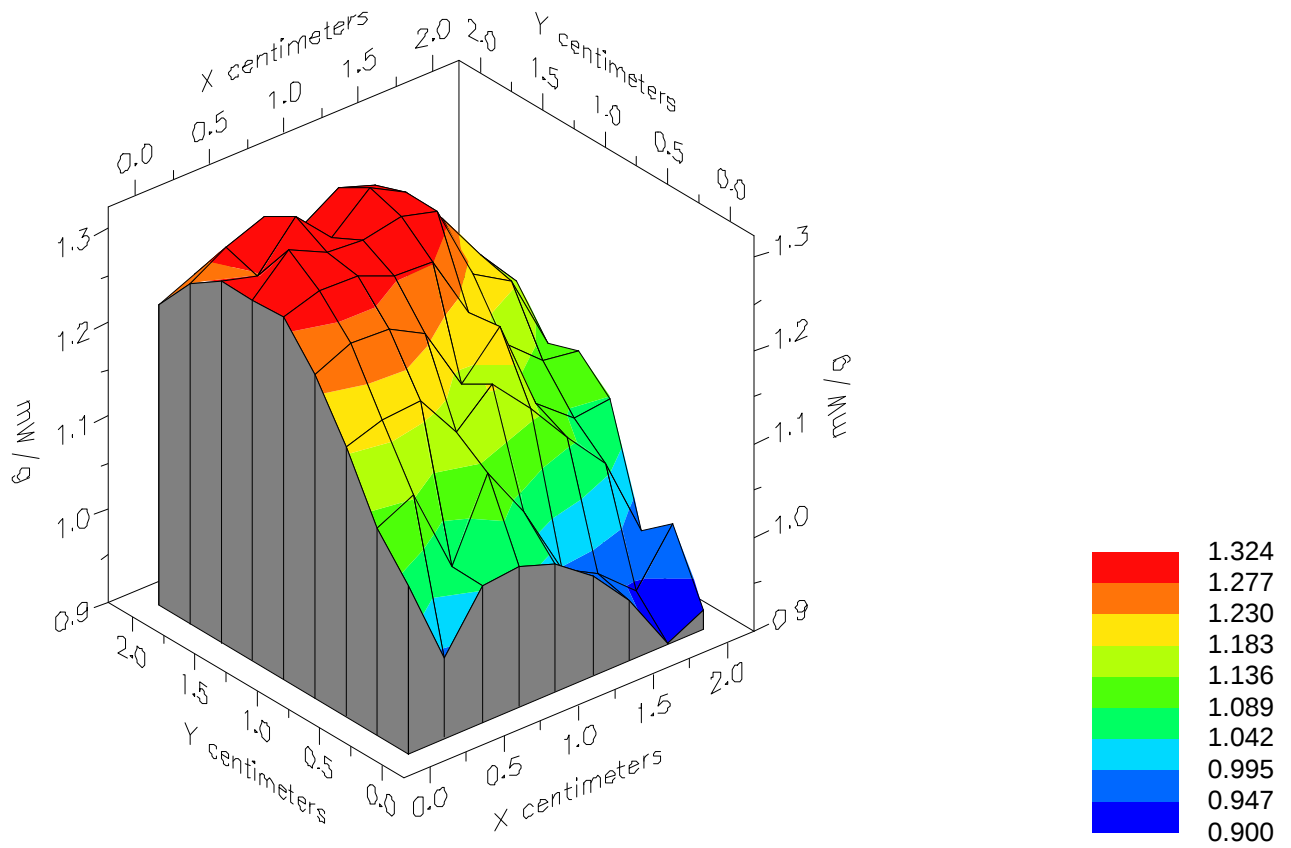


File : 00061315_ZOOM

Start : 13-Jun-100 05:20:01 pm End : 13-Jun-100 05:29:56 pm

SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/In;

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

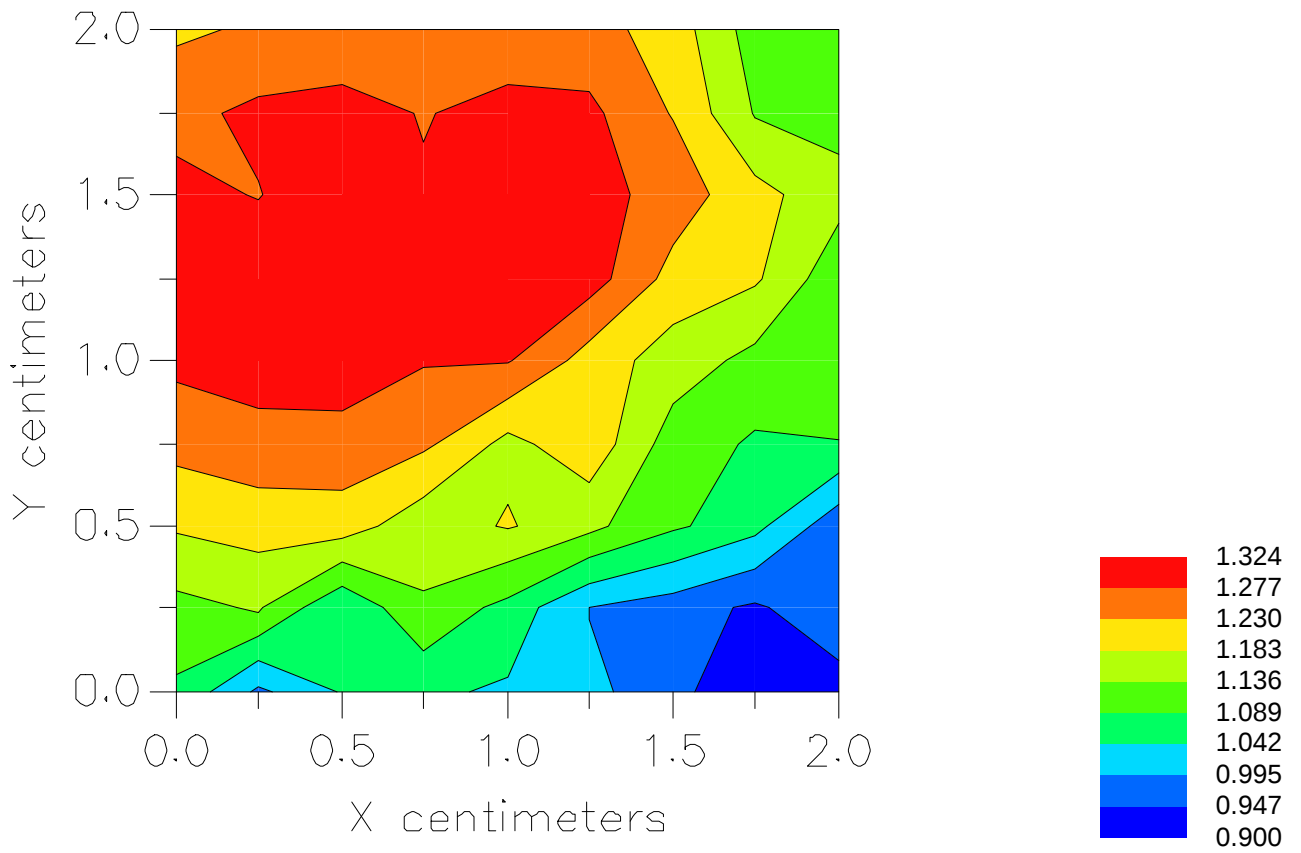


File : 00061315_ZOOM

Start : 13-Jun-100 05:20:01 pm End : 13-Jun-100 05:29:56 pm

SAMSUNG/A3LSPHM100/B01E1737;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/00061316_ZOOM.VLT
Start : 13-Jun-100 05:45:51 pm End : 13-Jun-100 05:55:06 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 25.8 dBm conducted BODY SAR
SAMSUNG DUAL BAND PHONE

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 = 0.250, Y = 1.250, Z = 0.000 (cm) Value = 15.992

Measured Values (volts) =
1.647E-002 1.341E-002 1.081E-002 8.941E-003 7.564E-003 6.788E-003
6.471E-003 6.351E-003 6.216E-003 5.789E-003 5.053E-003 4.011E-003
2.812E-003 1.797E-003 1.133E-003 9.810E-004 1.244E-003 1.747E-003
2.372E-003 2.591E-003 2.183E-003

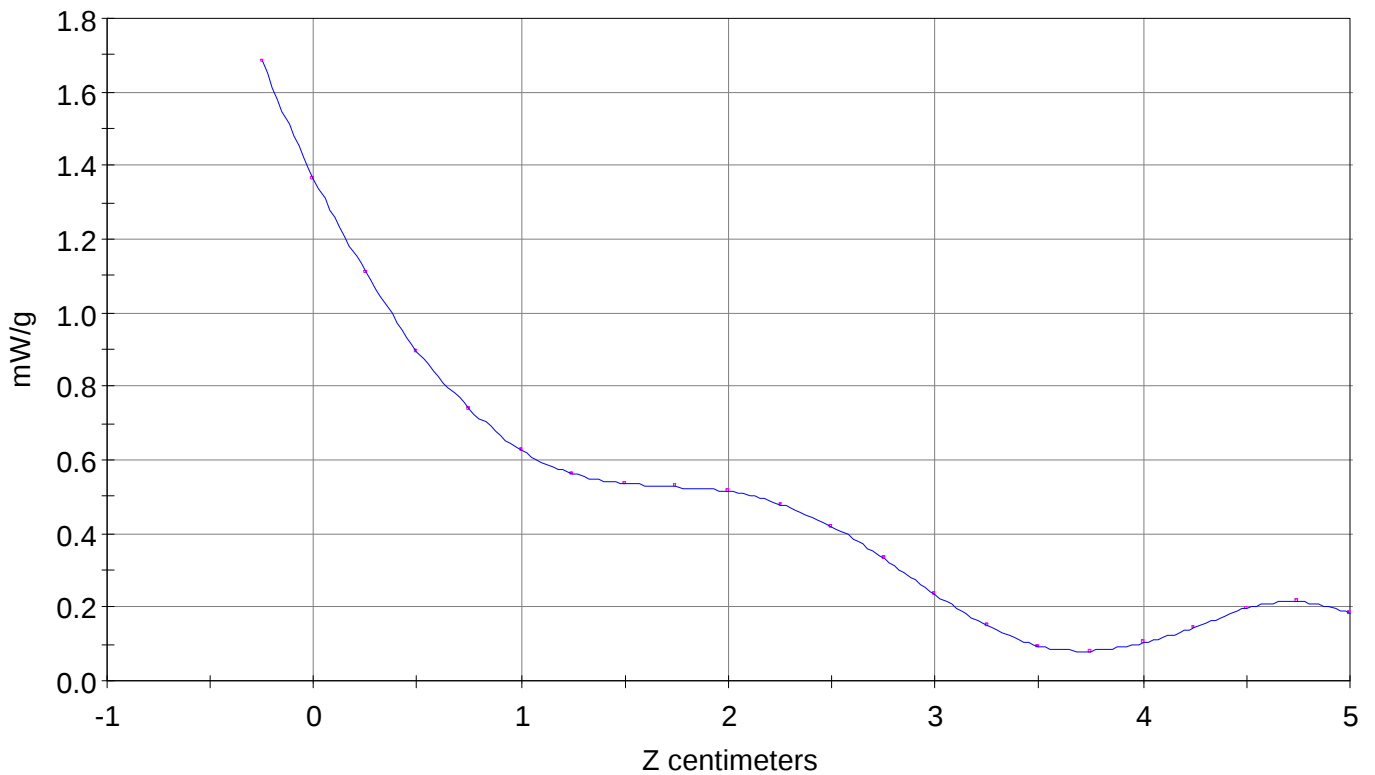
Calc. Voltage @ Surface (Vs) = 0.0203

Voltage @ 1.00 cm (Vt) = 0.0089

Ave. Voltage (Vs+Vt)/2 = 0.0146

Ave. SAR over 1 g (mW/g) = 1.2114

SAR Scan
File : 00061316_ZOOM
Start : 13-Jun-100 05:45:51 pm End : 13-Jun-100 05:55:06 pm
SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

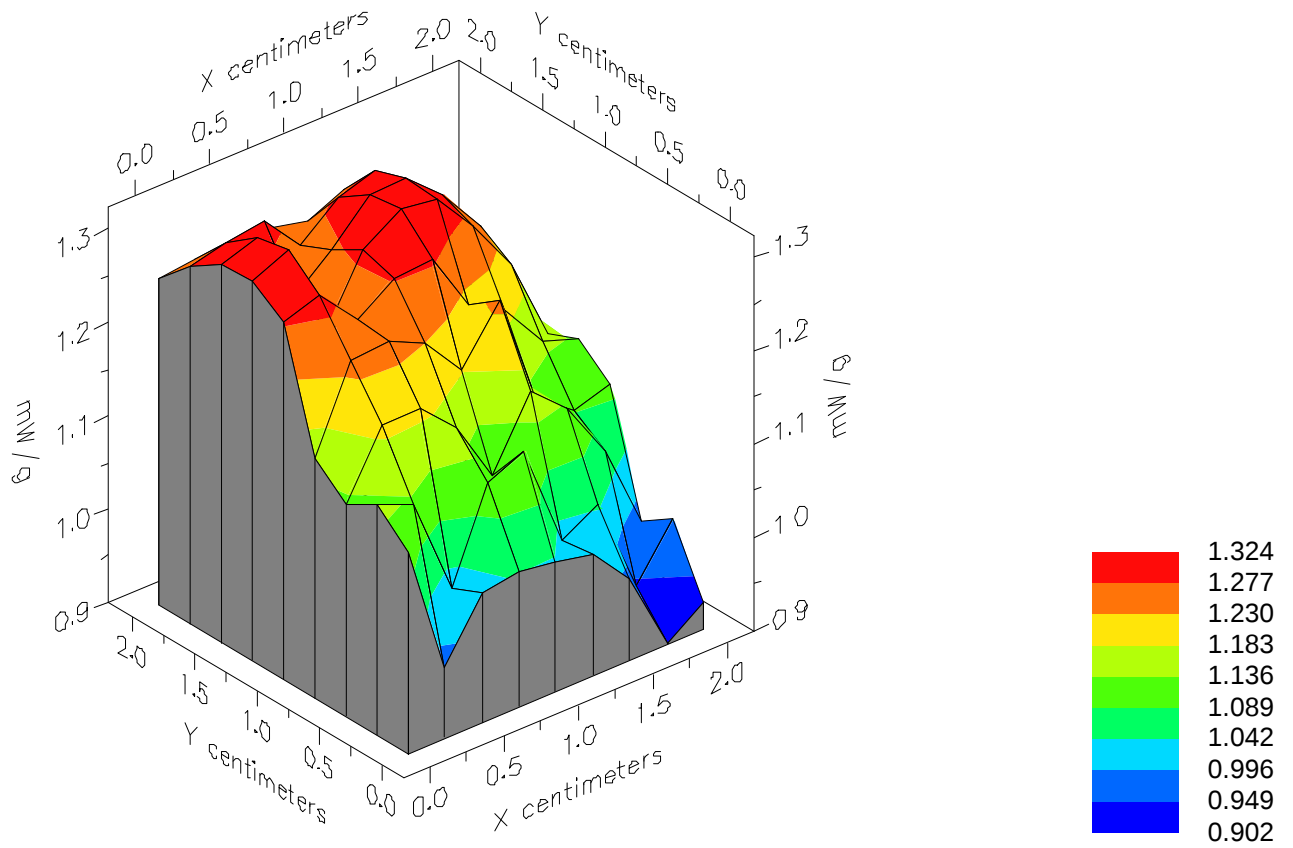


File : 00061316_ZOOM

Start : 13-Jun-100 05:45:51 pm End : 13-Jun-100 05:55:06 pm

SAMSUNG/A3LSPHM100/B01E1737;824.04MHz;W;Helical/Out;

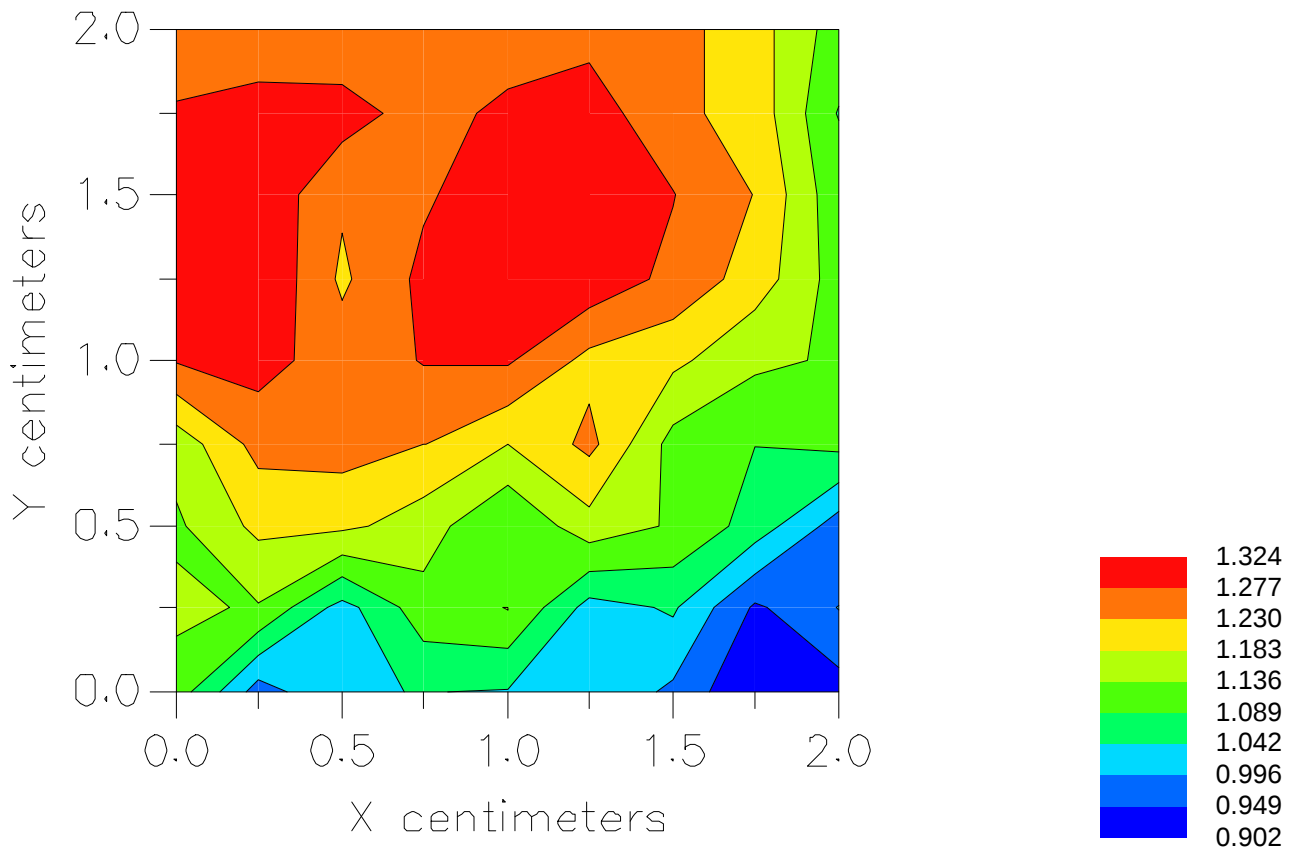
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 00061316_ZOOM

Start : 13-Jun-100 05:45:51 pm End : 13-Jun-100 05:55:06 pm

SAMSUNG/A3LSPHM100/B01E1737;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/00061314_ZOOM.VLT
Start : 13-Jun-100 04:55:01 pm End : 13-Jun-100 05:05:23 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 0363 25.8 dBm conducted BODY SAR
SAMSUNG DUAL BAND PHONE

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 = 0.250, Y = 1.500, Z = 0.000 (cm) Value = 17.979

Measured Values (volts) =
1.779E-002 1.462E-002 1.174E-002 9.545E-003 8.117E-003 7.004E-003
6.461E-003 6.290E-003 6.135E-003 5.802E-003 5.235E-003 4.258E-003
3.148E-003 2.197E-003 1.438E-003 1.073E-003 1.216E-003 1.694E-003
2.246E-003 2.578E-003 2.321E-003

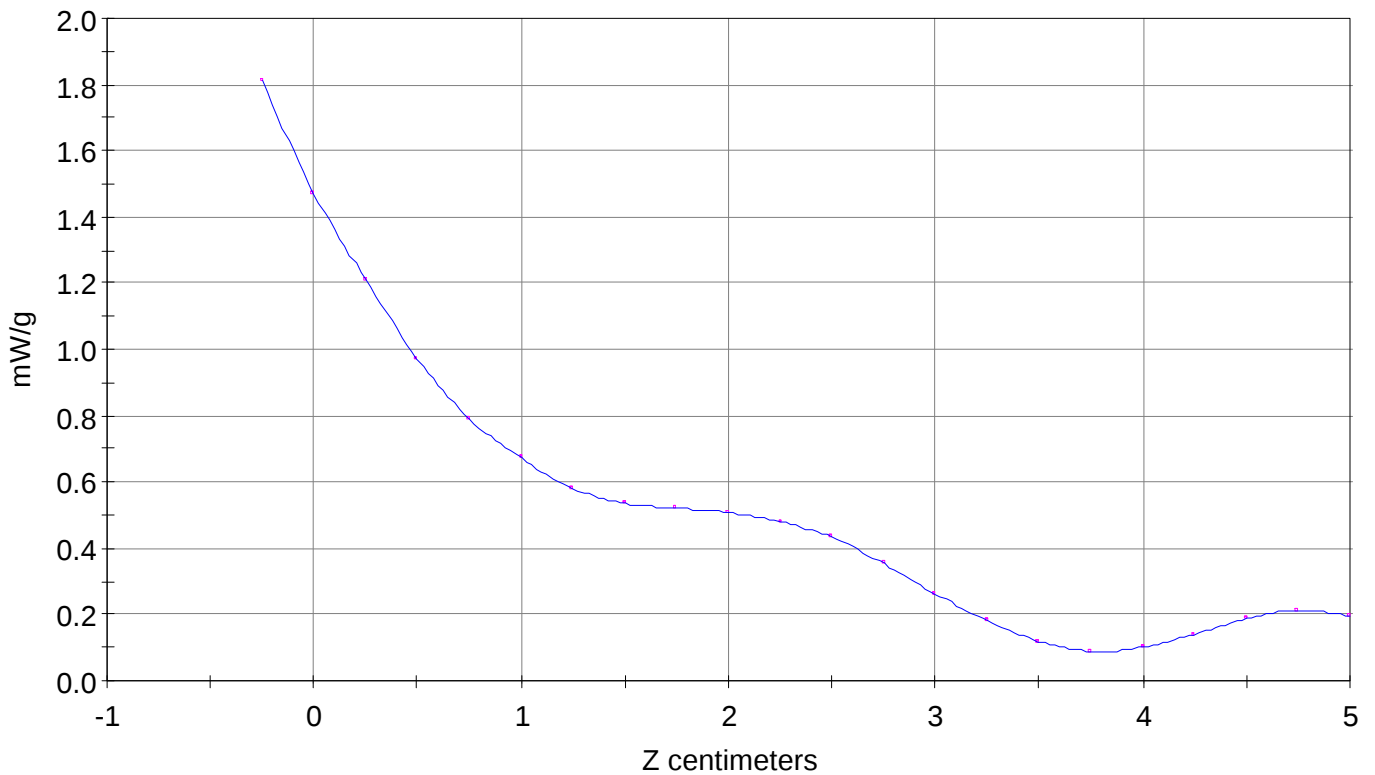
Calc. Voltage @ Surface (Vs) = 0.0219

Voltage @ 1.00 cm (Vt) = 0.0095

Ave. Voltage (Vs+Vt)/2 = 0.0157

Ave. SAR over 1 g (mW/g) = 1.3018

SAR Scan
File : 00061314_ZOOM
Start : 13-Jun-100 04:55:01 pm End : 13-Jun-100 05:05:23 pm
SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

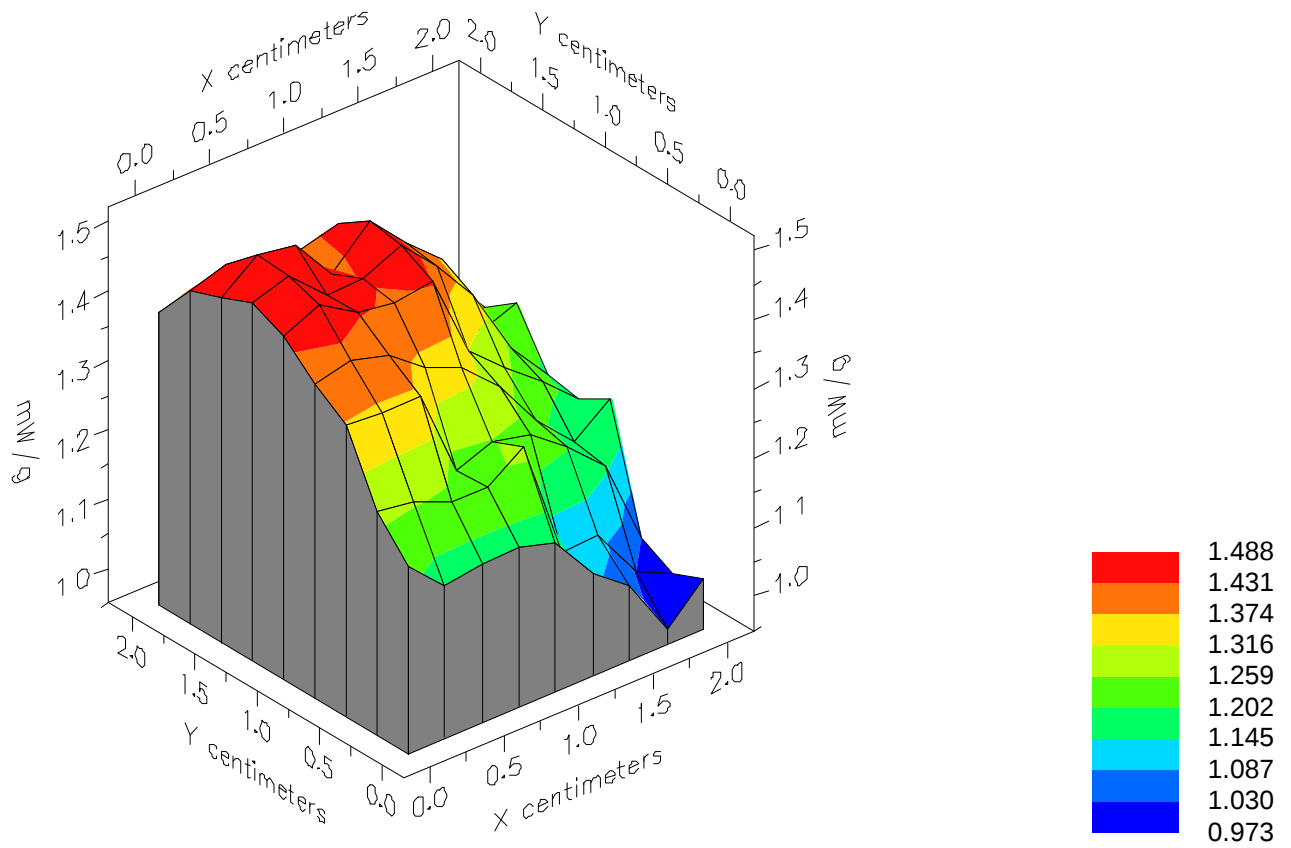


File : 00061314_ZOOM

Start : 13-Jun-100 04:55:01 pm End : 13-Jun-100 05:05:23 pm

SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/In;

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

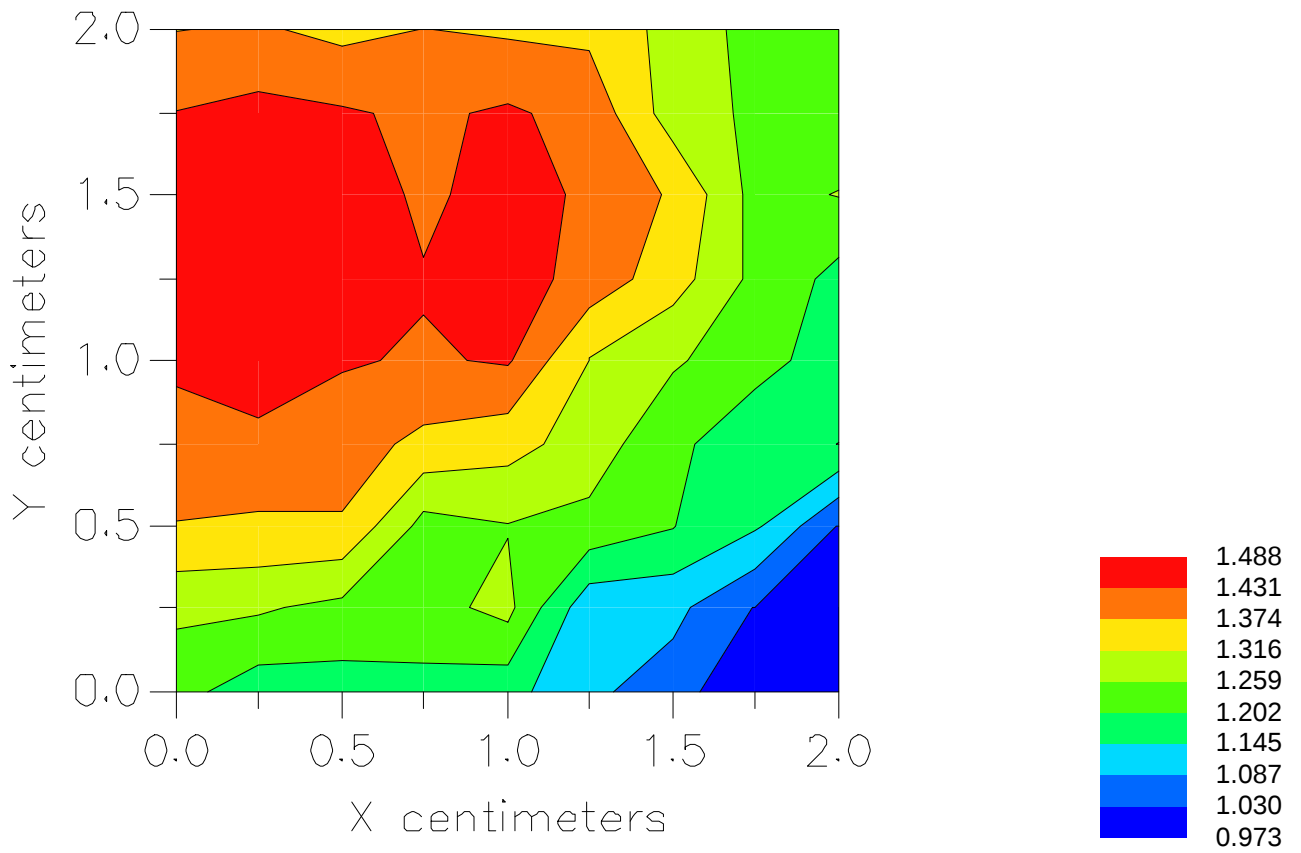


File : 00061314_ZOOM

Start : 13-Jun-100 04:55:01 pm End : 13-Jun-100 05:05:23 pm

SAMSUNG/A3LSPHM100/B01E1737;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/00061313_ZOOM.VLT
Start : 13-Jun-100 04:31:54 pm End : 13-Jun-100 04:41:15 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 0363 25.8 dBm conducted BODY SAR
SAMSUNG DUAL BAND PHONE

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 = 0.250, Y = 1.250, Z = 0.000 (cm) Value = 16.058

Measured Values (volts) =
1.593E-002 1.261E-002 1.015E-002 8.270E-003 6.988E-003 6.332E-003
6.016E-003 5.883E-003 5.705E-003 5.195E-003 4.544E-003 3.497E-003
2.406E-003 1.511E-003 1.034E-003 9.506E-004 1.279E-003 1.867E-003
2.260E-003 2.322E-003 1.784E-003

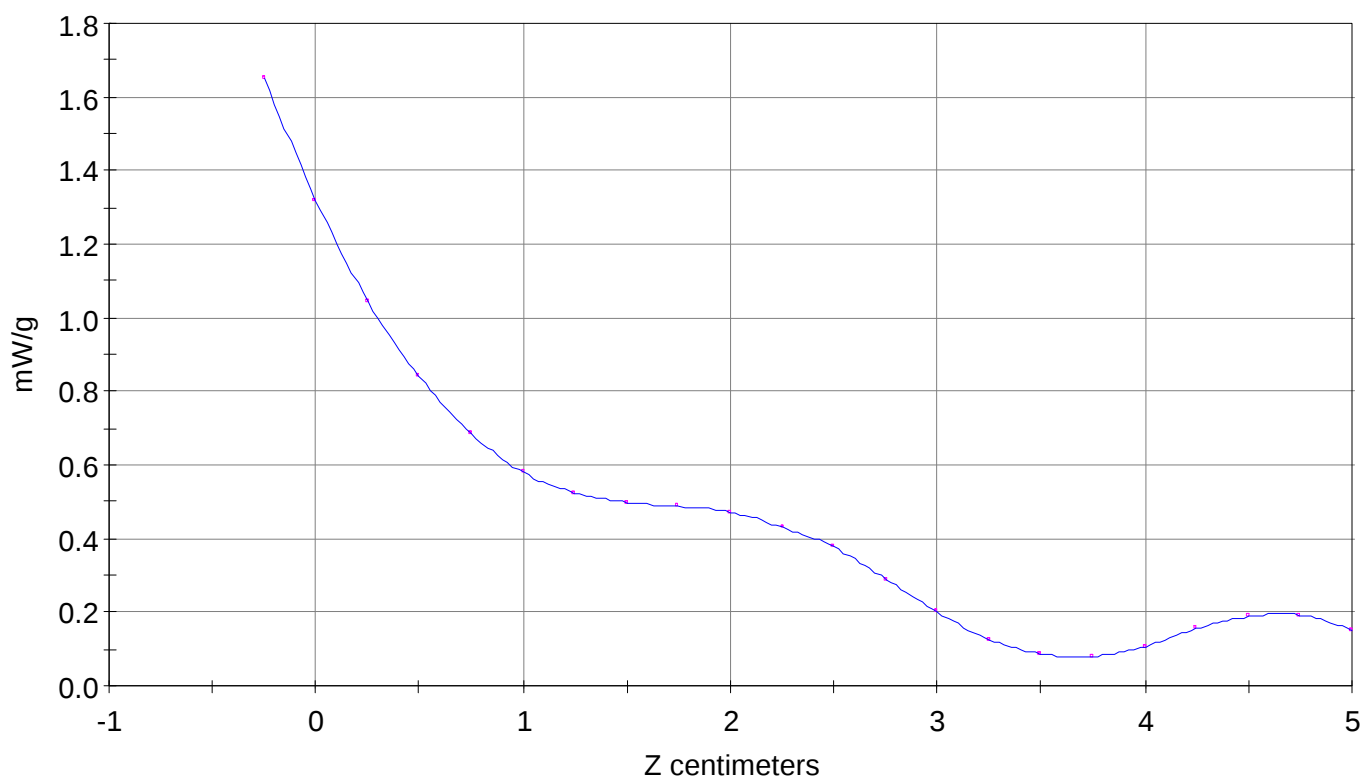
Calc. Voltage @ Surface (Vs) = 0.0200

Voltage @ 1.00 cm (Vt) = 0.0083

Ave. Voltage (Vs+Vt)/2 = 0.0141

Ave. SAR over 1 g (mW/g) = 1.1681

SAR Scan
File : 00061313_ZOOM
Start : 13-Jun-100 04:31:54 pm End : 13-Jun-100 04:41:15 pm
SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

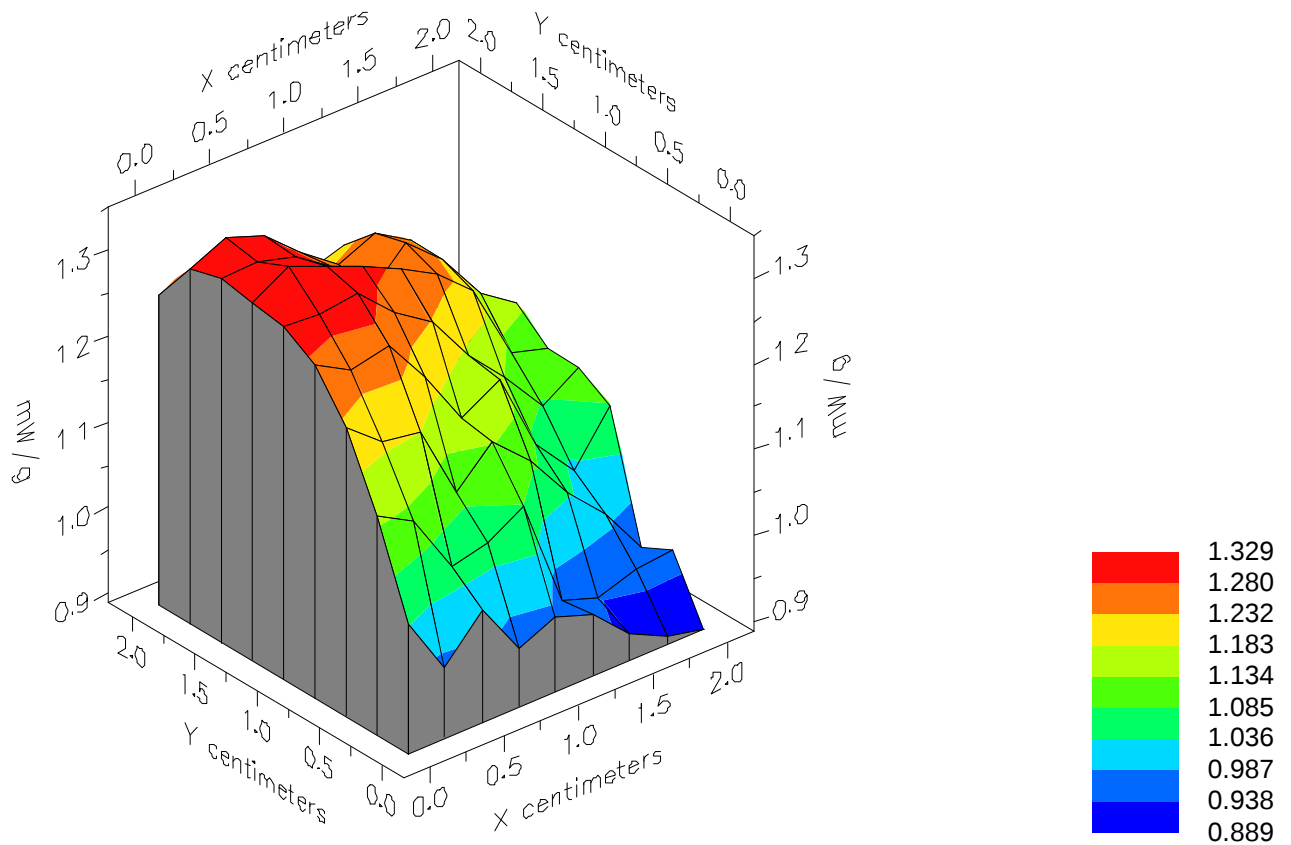


File : 00061313_ZOOM

Start : 13-Jun-100 04:31:54 pm End : 13-Jun-100 04:41:15 pm

SAMSUNG/A3LSPHM100/B01E1737;835.89MHz;W;Helical/Out;

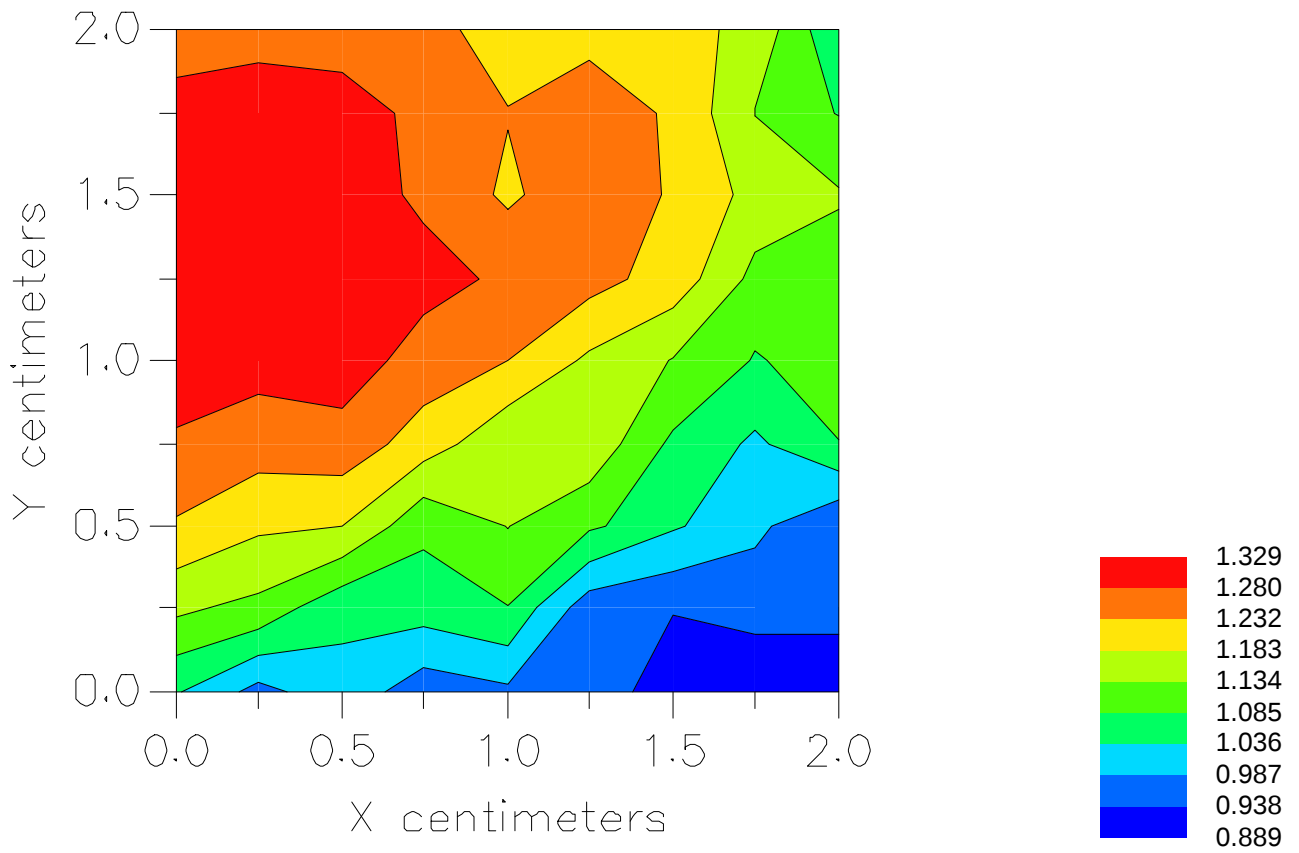
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 00061313_ZOOM

Start : 13-Jun-100 04:31:54 pm End : 13-Jun-100 04:41:15 pm

SAMSUNG/A3LSPHM100/B01E1737;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/00061312_ZOOM.VLT
Start : 13-Jun-100 04:07:03 pm End : 13-Jun-100 04:16:35 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 25.8 dBm conducted BODY SAR
SAMSUNG DUAL BAND PHONE

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 = 0.250, Y = 1.500, Z = 0.000 (cm) Value = 13.270

Measured Values (volts) =
1.342E-002 1.094E-002 8.656E-003 7.160E-003 5.991E-003 5.199E-003
4.778E-003 4.578E-003 4.504E-003 4.214E-003 3.733E-003 3.008E-003
2.272E-003 1.495E-003 1.009E-003 7.925E-004 9.398E-004 1.301E-003
1.670E-003 1.882E-003 1.598E-003

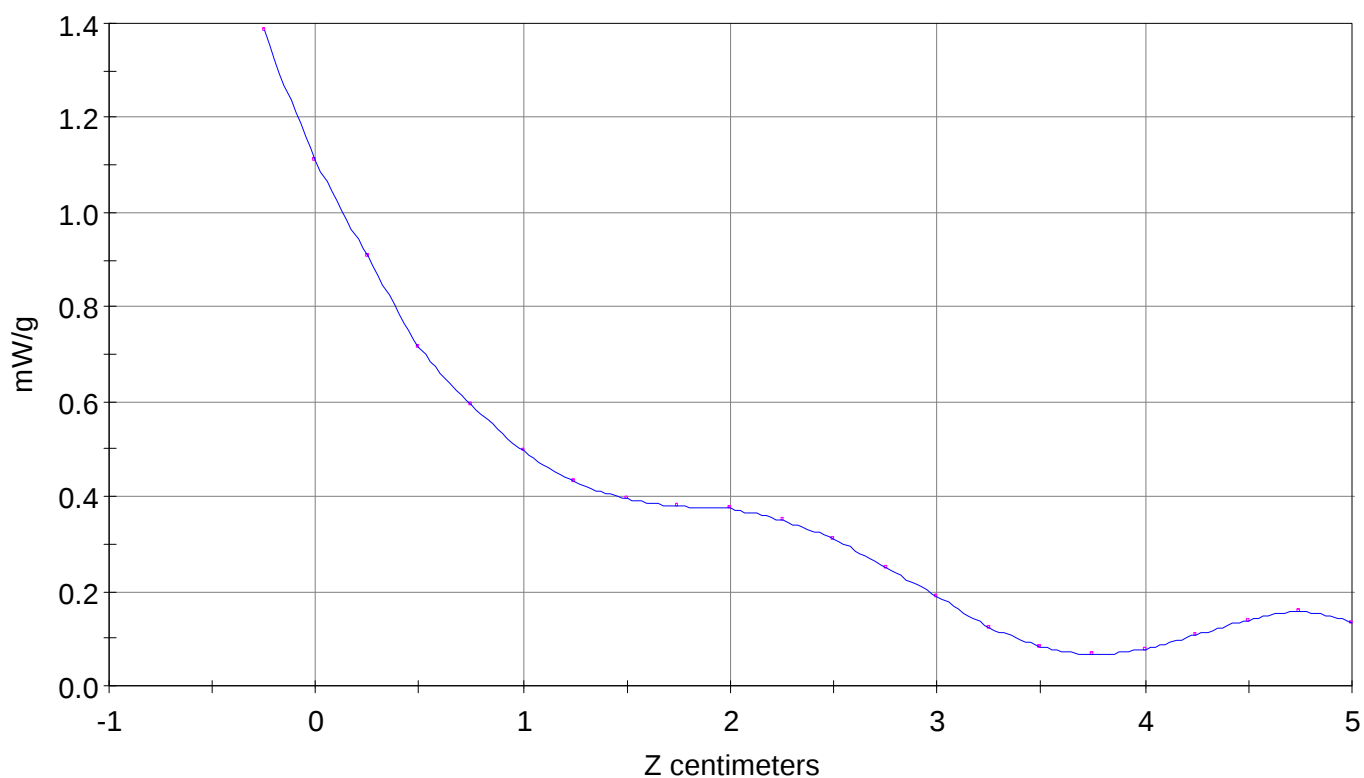
Calc. Voltage @ Surface (Vs) = 0.0167

Voltage @ 1.00 cm (Vt) = 0.0072

Ave. Voltage (Vs+Vt)/2 = 0.0119

Ave. SAR over 1 g (mW/g) = 0.9877

SAR Scan
File : 00061312_ZOOM
Start : 13-Jun-100 04:07:03 pm End : 13-Jun-100 04:16:35 pm
SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

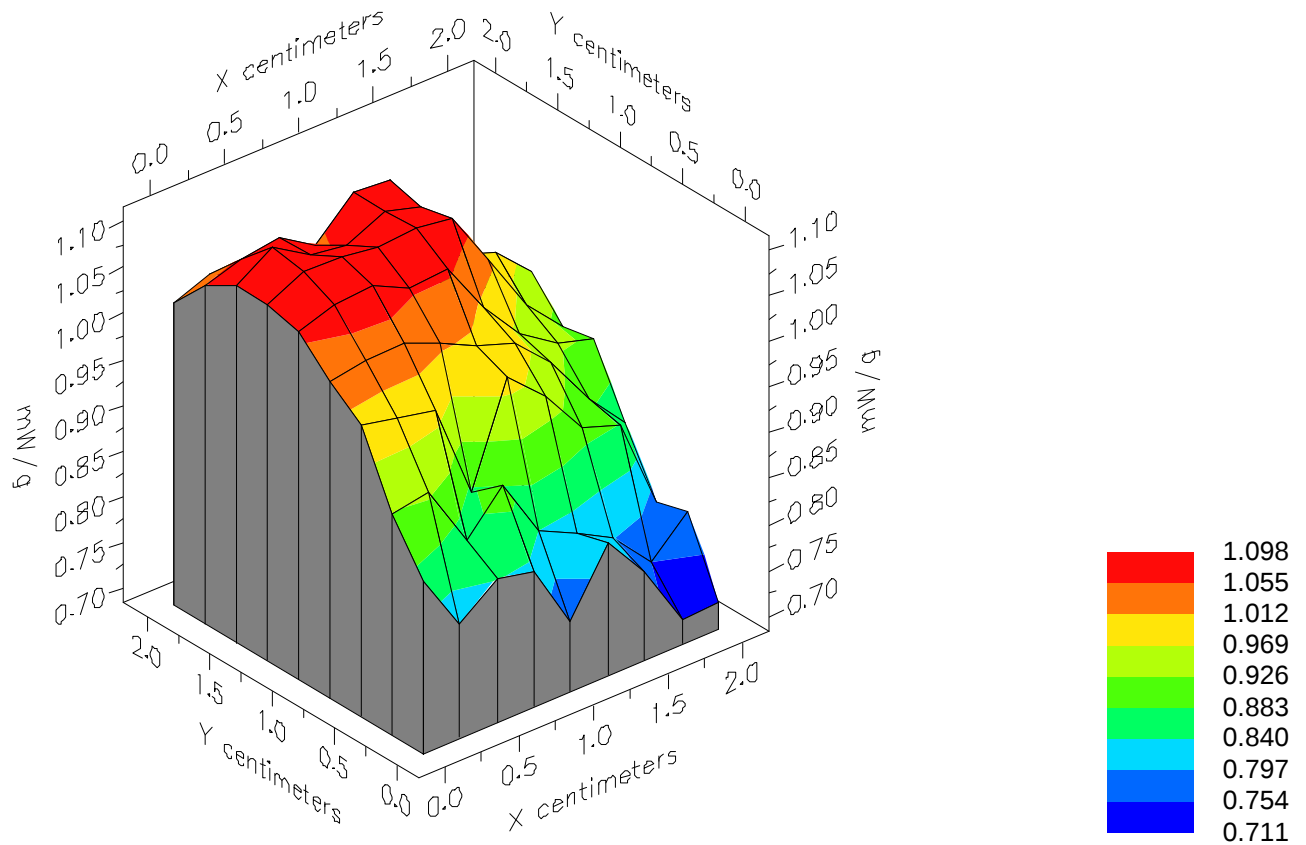


File : 00061312_ZOOM

Start : 13-Jun-100 04:07:03 pm End : 13-Jun-100 04:16:35 pm

SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/In;

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

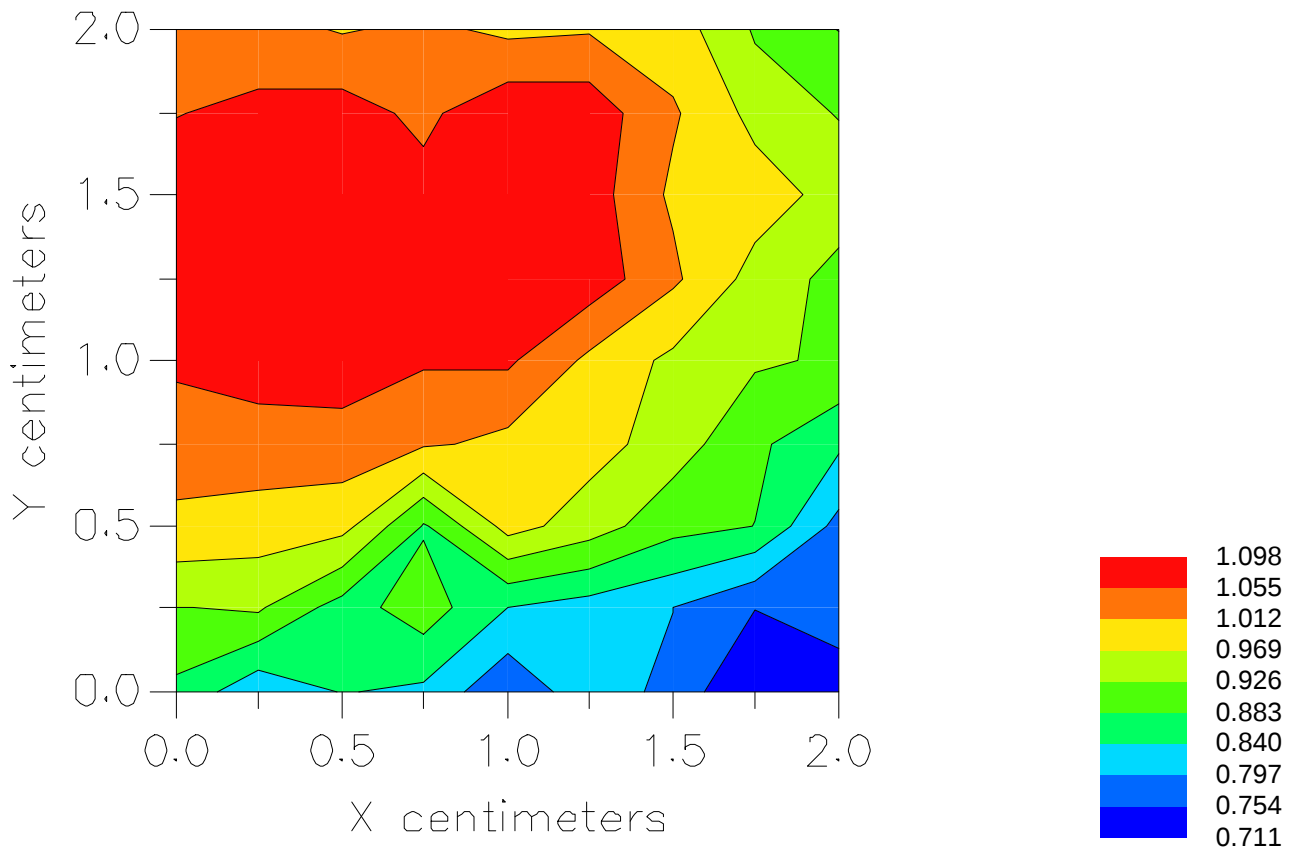


File : 00061312_ZOOM

Start : 13-Jun-100 04:07:03 pm End : 13-Jun-100 04:16:35 pm

SAMSUNG/A3LSPHM100/B01E1737;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/00061311_ZOOM.VLT
Start : 13-Jun-100 03:38:46 pm End : 13-Jun-100 03:52:15 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 25.8 dBm conducted BODY SAR
SAMSUNG DUAL BAND PHONE

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 = 0.250, Y = 1.500, Z = 0.000 (cm) Value = 17.340

Measured Values (volts) =
1.679E-002 1.431E-002 1.143E-002 9.385E-003 7.832E-003 6.716E-003
6.118E-003 5.896E-003 5.749E-003 5.524E-003 4.932E-003 4.092E-003
3.050E-003 2.112E-003 1.356E-003 9.447E-004 1.100E-003 1.693E-003
2.111E-003 2.397E-003 2.012E-003

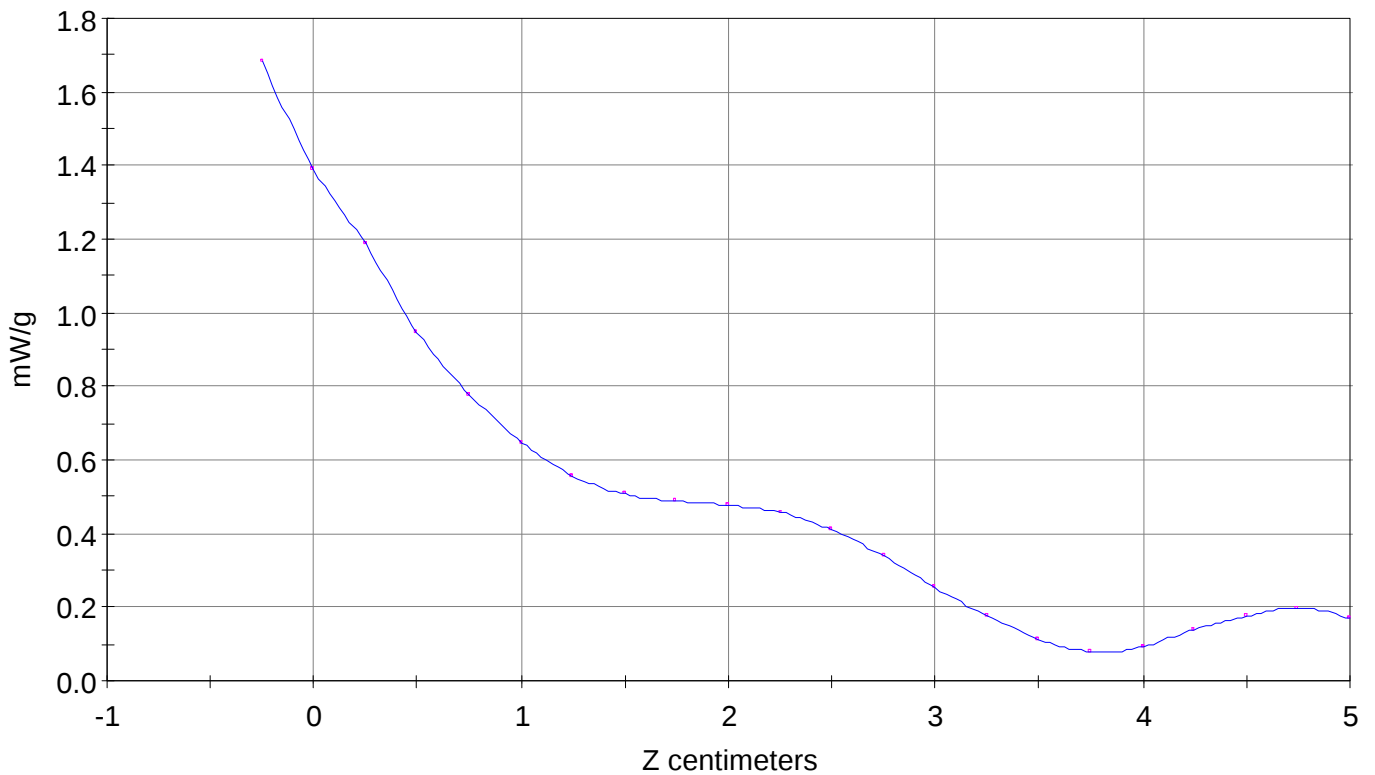
Calc. Voltage @ Surface (Vs) = 0.0204

Voltage @ 1.00 cm (Vt) = 0.0094

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

Ave. SAR over 1 g (mW/g) = 1.2309

SAR Scan
File : 00061311_ZOOM
Start : 13-Jun-100 03:38:46 pm End : 13-Jun-100 03:52:15 pm
SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

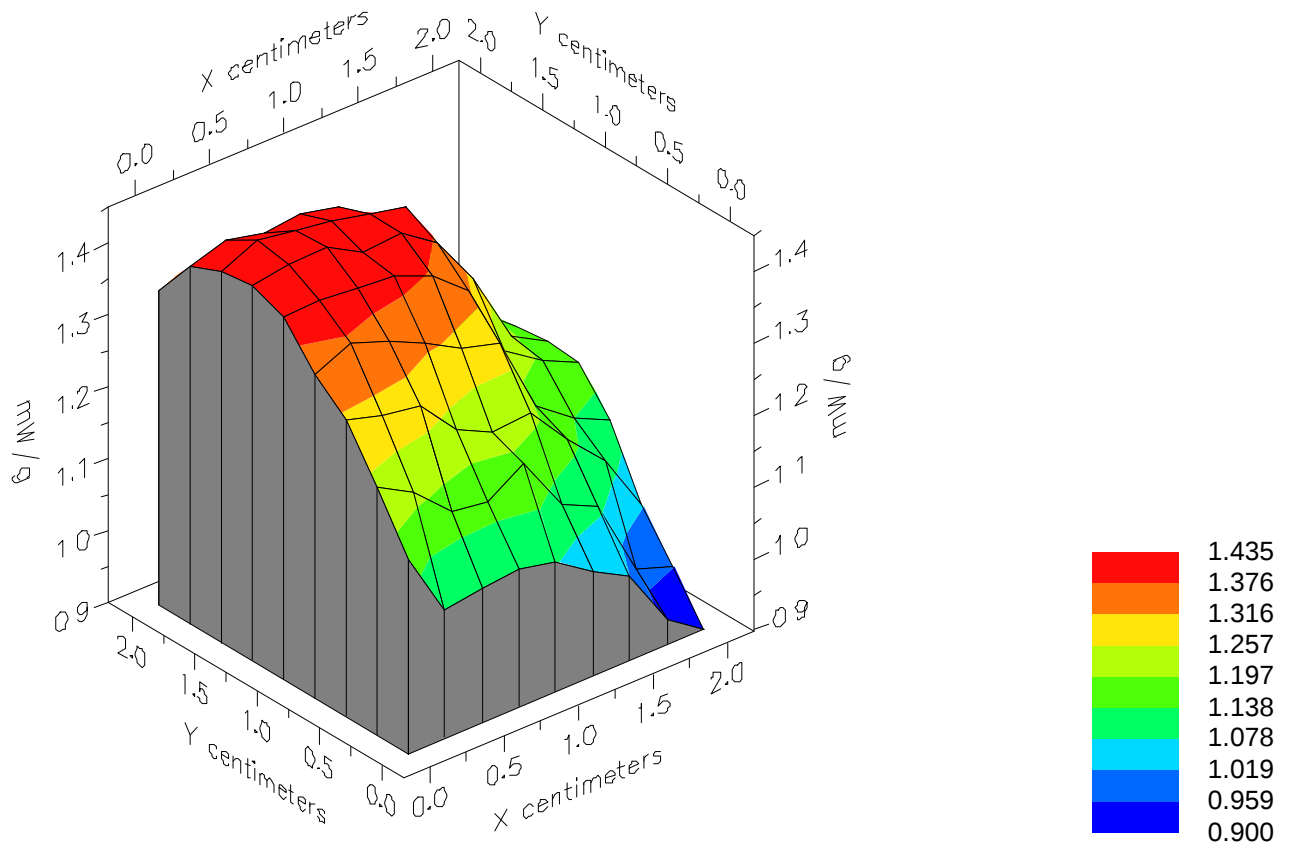


File : 00061311_ZOOM

Start : 13-Jun-100 03:38:46 pm End : 13-Jun-100 03:52:15 pm

SAMSUNG/A3LSPHM100/B01E1737;848.97MHz;W;Helical/Out;

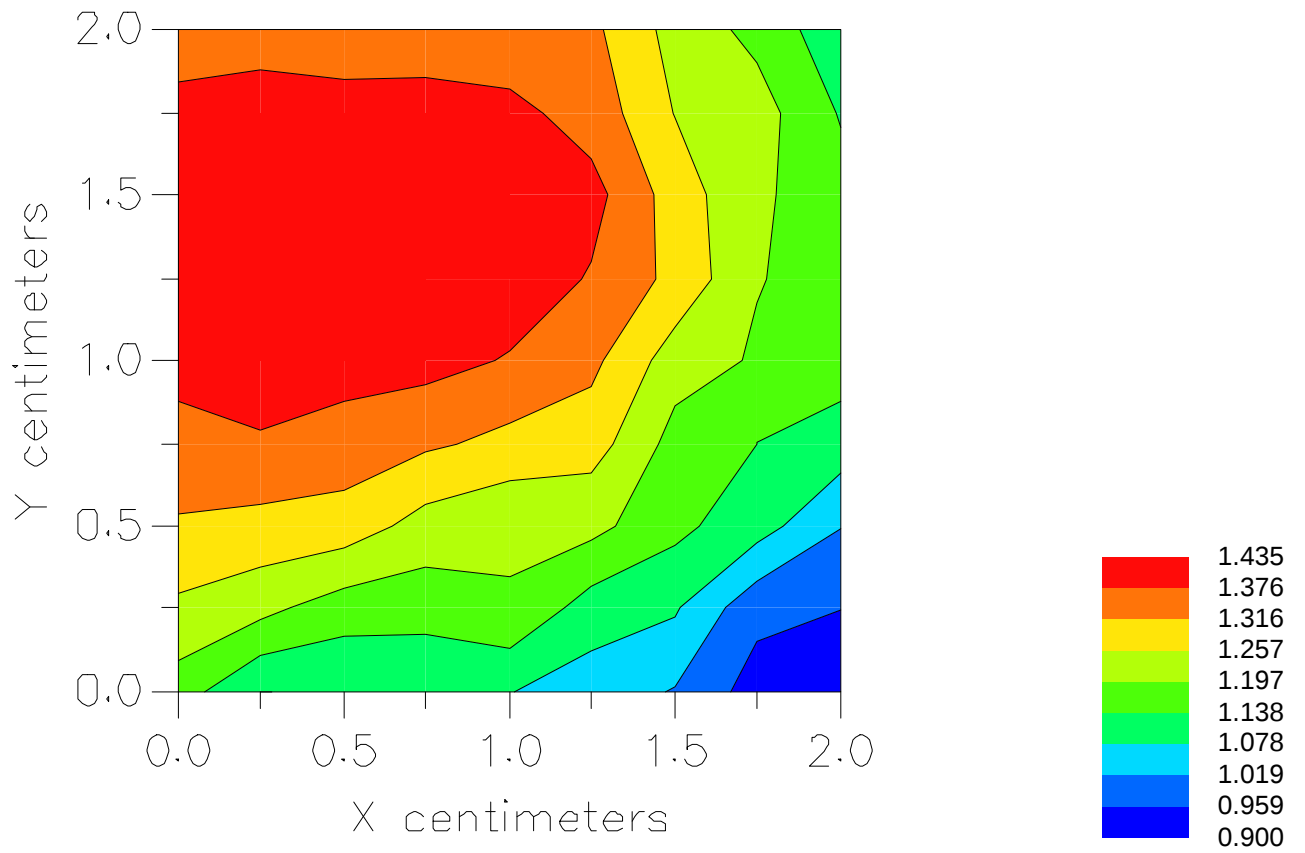
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 00061311_ZOOM

Start : 13-Jun-100 03:38:46 pm End : 13-Jun-100 03:52:15 pm

SAMSUNG/A3LSPHM100/B01E1737;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/00061411_ZOOM.VLT
Start : 14-Jun-100 02:48:59 pm End : 14-Jun-100 03:02:13 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
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 PCS MODE
CHAN 0025 24.0 dBm conducted BODY SAR
SAMSUNG DUAL BAND 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 = -3.750, Y = -1.000, Z = 0.000 (cm) Value = 6.680

Measured Values (volts) =
6.287E-003 4.654E-003 3.380E-003 2.669E-003 2.233E-003 1.836E-003
1.347E-003 1.088E-003 8.693E-004 7.072E-004 4.727E-004 3.090E-004
2.537E-004 2.732E-004 1.909E-004 2.886E-005 4.013E-005 9.425E-005
1.578E-004 1.264E-004 7.601E-005

Calc. Voltage @ Surface (Vs) = 0.0086

Voltage @ 1.00 cm (Vt) = 0.0027

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

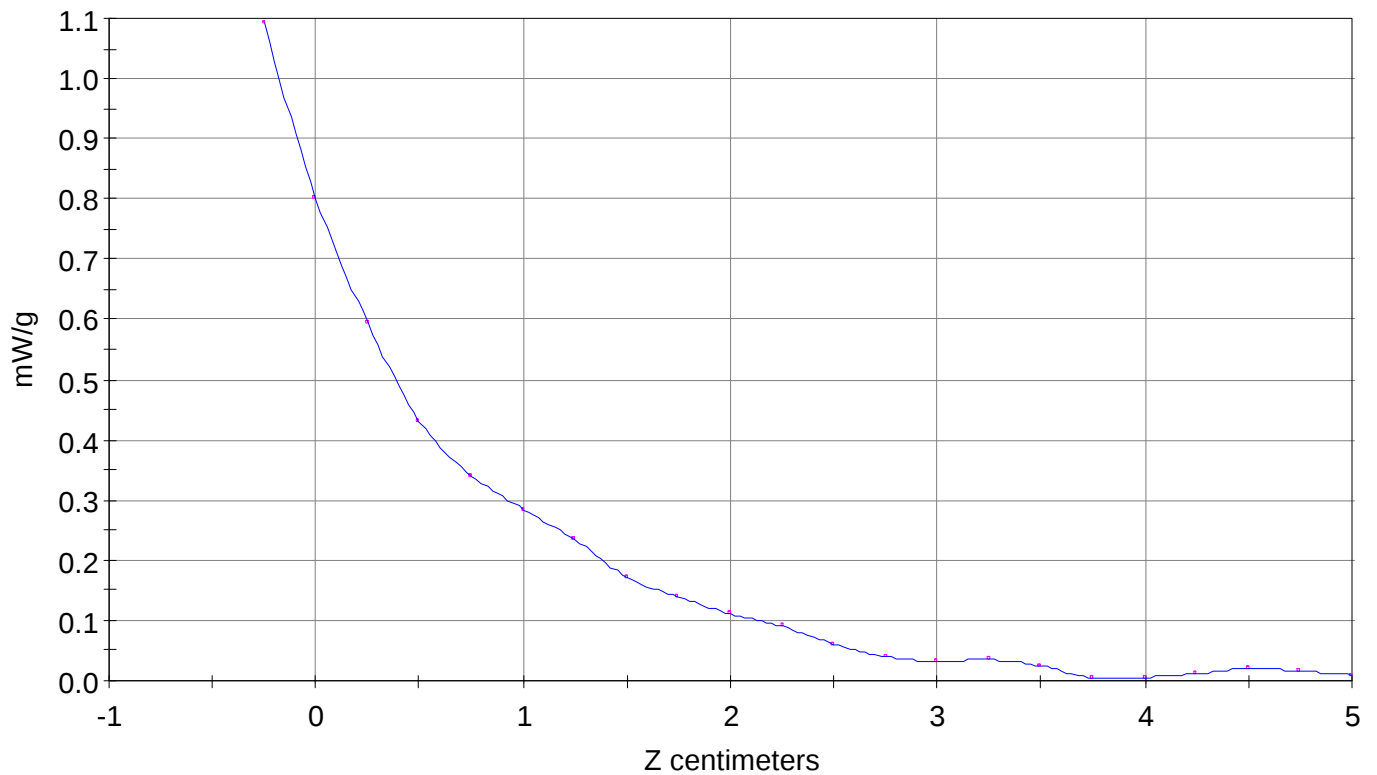
Ave. SAR over 1 g (mW/g) = 0.7173

SAR Scan

File : 00061411_ZOOM

Start : 14-Jun-100 02:48:59 pm End : 14-Jun-100 03:02:13 pm

SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

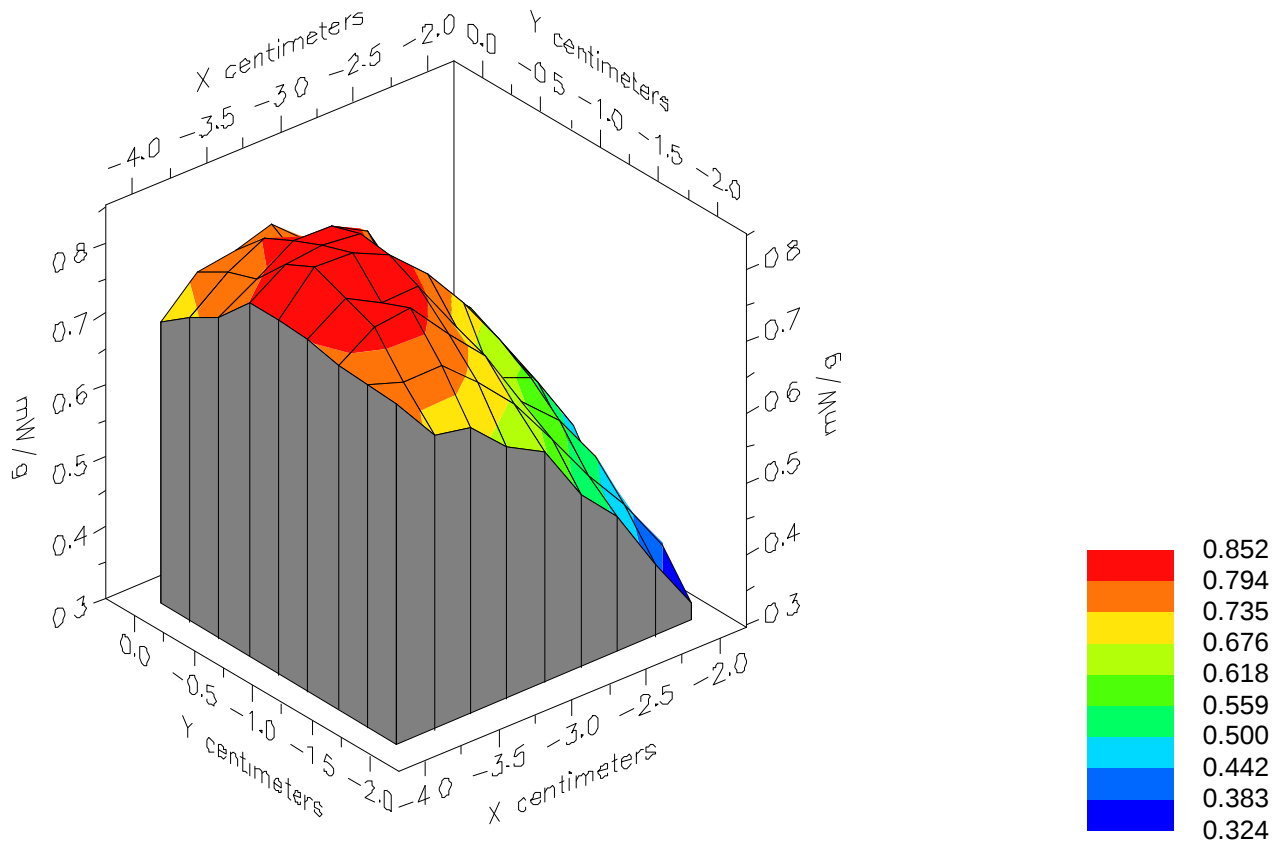


File : 00061411_ZOOM

Start : 14-Jun-100 02:48:59 pm End : 14-Jun-100 03:02:13 pm

SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/In;

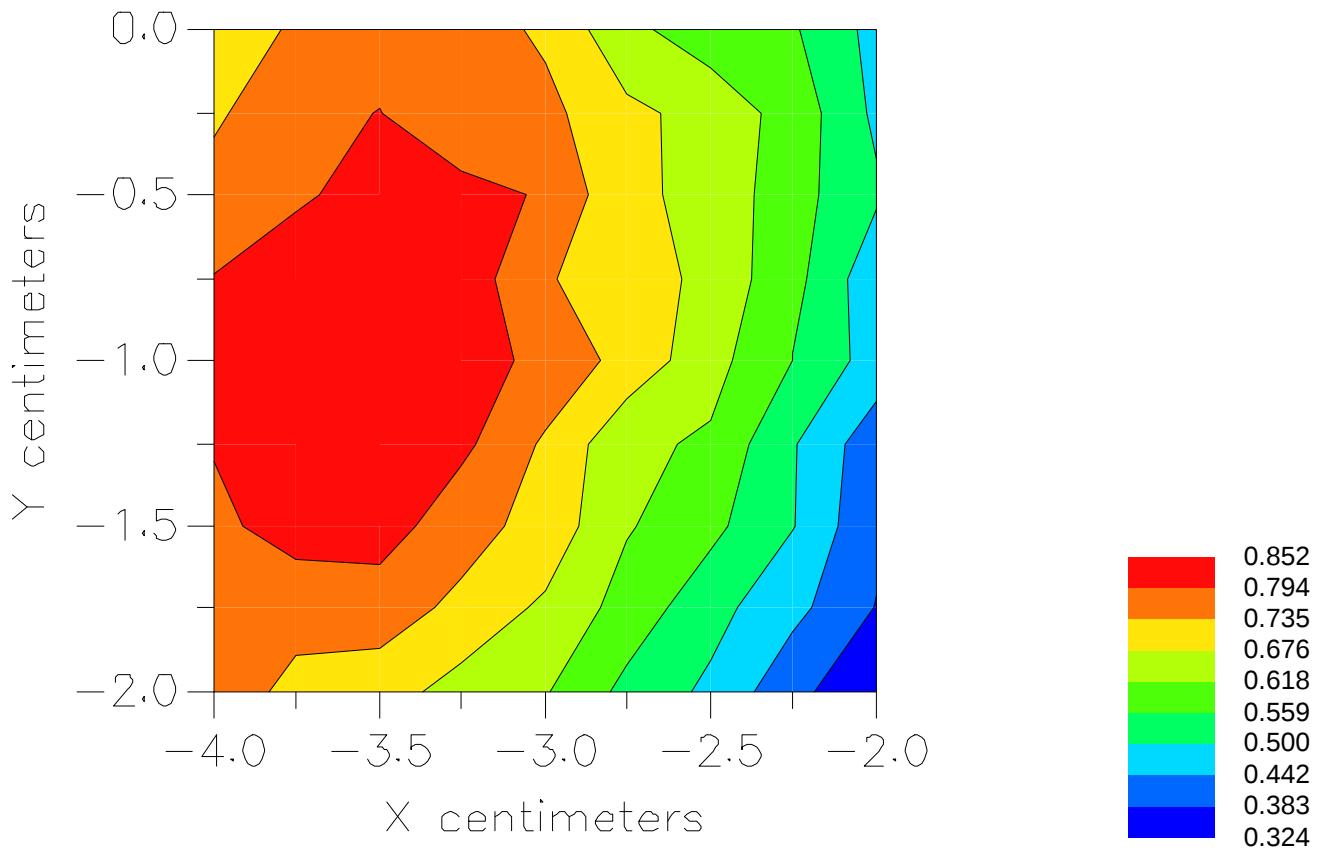
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00061411_ZOOM

Start : 14-Jun-100 02:48:59 pm End : 14-Jun-100 03:02:13 pm

SAMSUNG/A3LSPHM100/B01E1737;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/00061414_ZOOM.VLT
Start : 14-Jun-100 05:09:26 pm End : 14-Jun-100 05:20:39 pm

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
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 PCS MODE
CHAN 0025 24.0 dBm conducted BODY SAR
SAMSUNG DUAL BAND 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 = -4.750, Y = -2.000, Z = 0.000 (cm) Value = 4.618

Measured Values (volts) =
4.474E-003 3.505E-003 2.701E-003 2.072E-003 1.550E-003 1.282E-003
1.097E-003 8.928E-004 6.110E-004 4.289E-004 4.192E-004 4.619E-004
3.183E-004 1.488E-004 8.176E-005 1.932E-004 3.167E-004 2.796E-004
2.367E-004 3.016E-005 1.889E-005

Calc. Voltage @ Surface (Vs) = 0.0058

Voltage @ 1.00 cm (Vt) = 0.0021

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

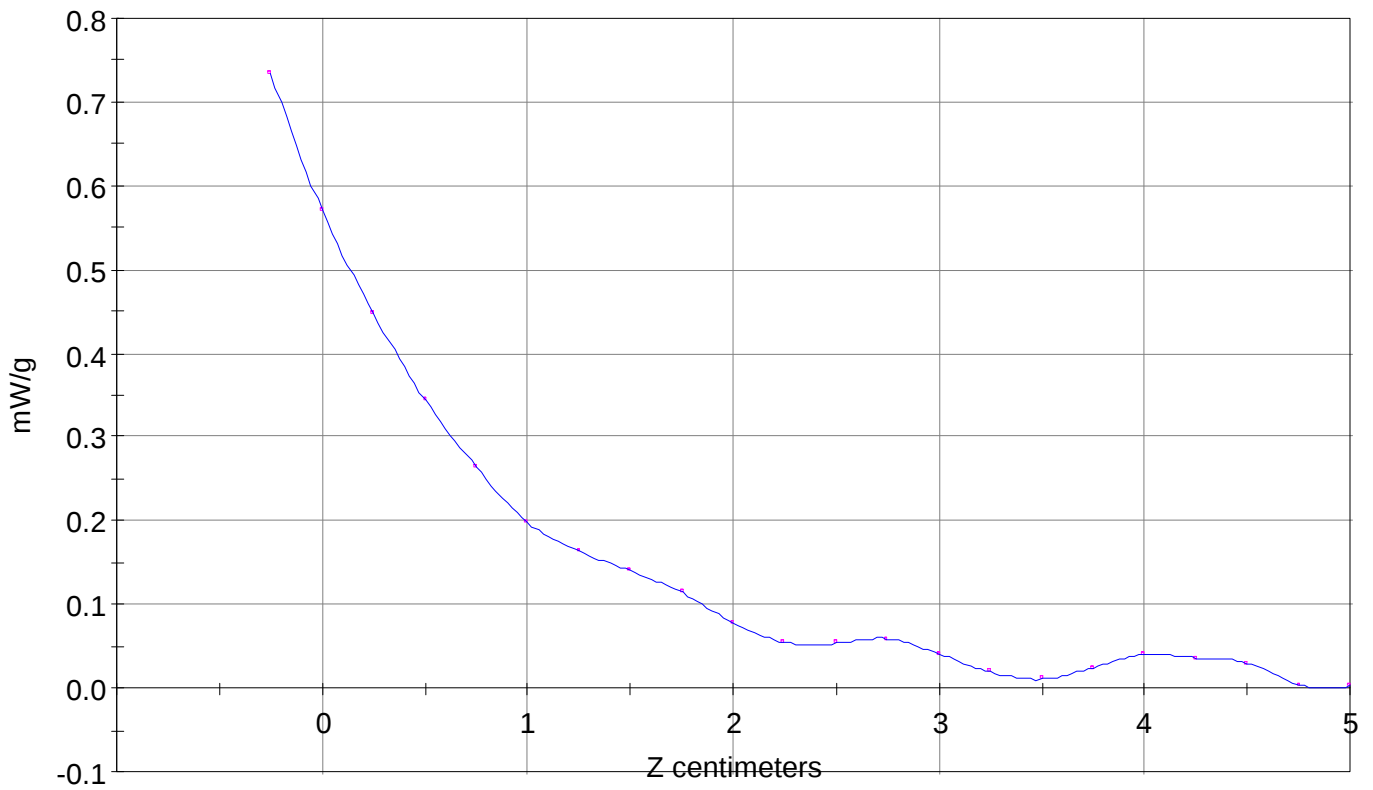
Ave. SAR over 1 g (mW/g) = 0.4995

SAR Scan

File : 00061414_ZOOM

Start : 14-Jun-100 05:09:26 pm End : 14-Jun-100 05:20:39 pm

SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

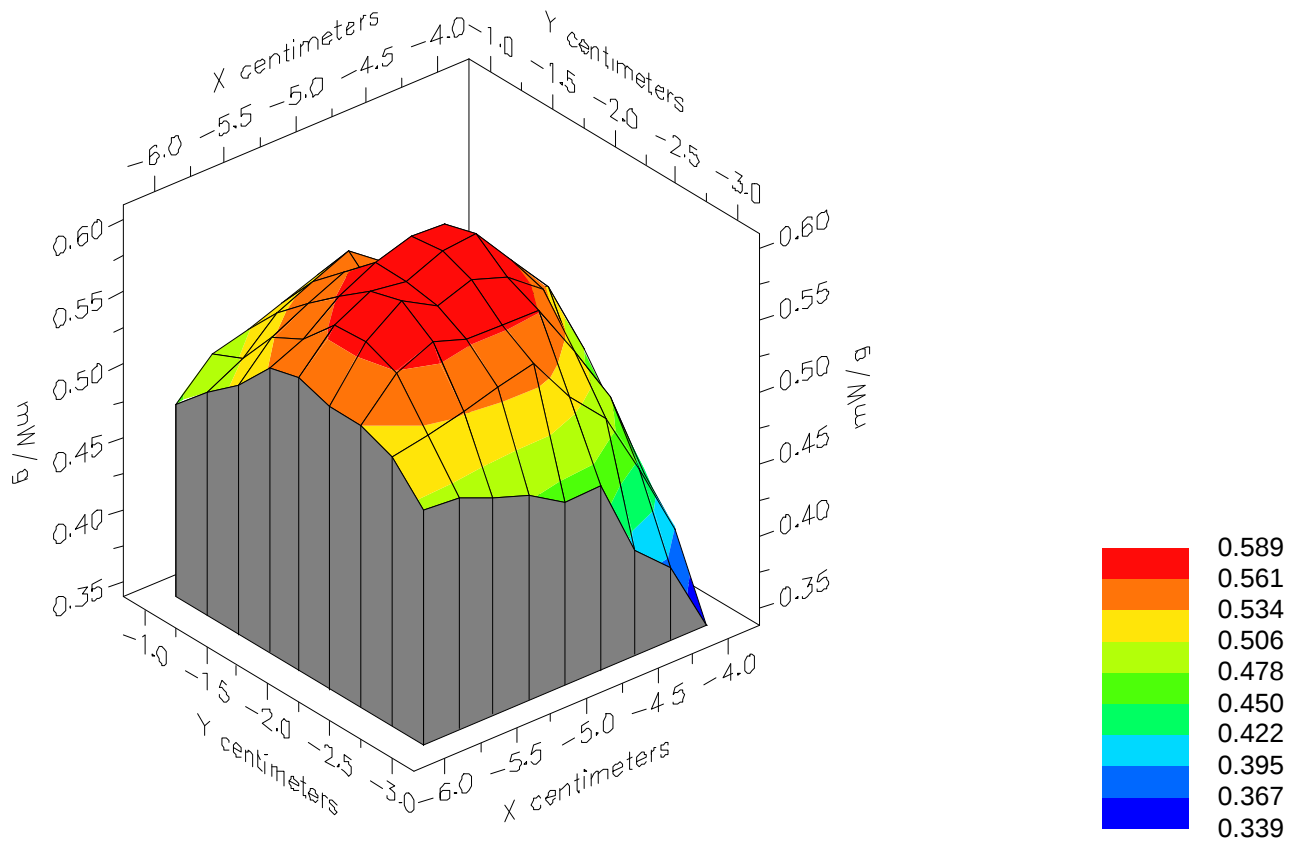


File : 00061414_ZOOM

Start : 14-Jun-100 05:09:26 pm End : 14-Jun-100 05:20:39 pm

SAMSUNG/A3LSPHM100/B01E1737;1851.25MHz;W;Helical/Out;

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

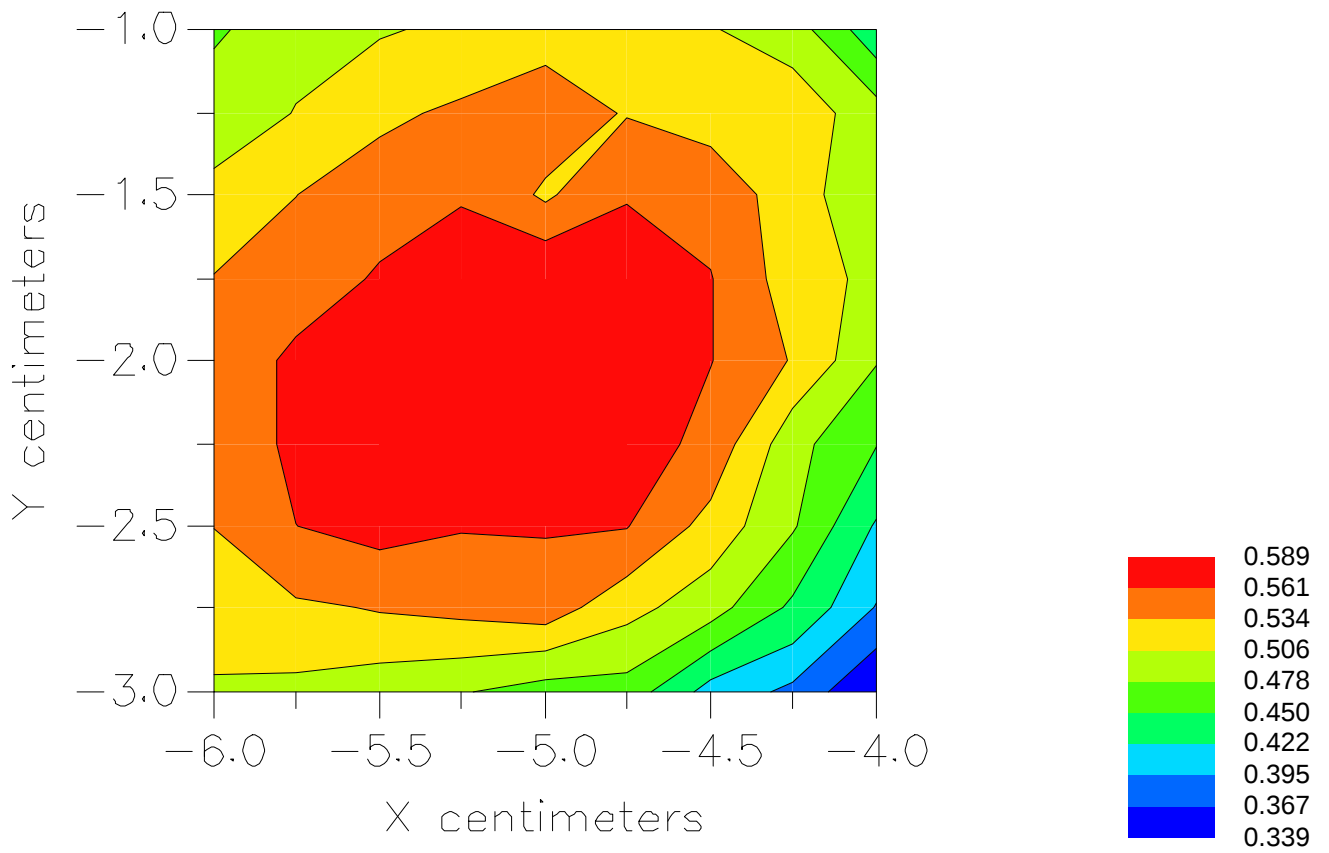


File : 00061414_ZOOM

Start : 14-Jun-100 05:09:26 pm End : 14-Jun-100 05:20:39 pm

SAMSUNG/A3LSPHM100/B01E1737;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/00061408_ZOOM.VLT
Start : 14-Jun-100 11:12:48 am End : 14-Jun-100 11:26:09 am

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
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 DUAL BAND PHONE PCS MODE
CHAN 0600 24.0 dBm conducted BODY SAR
SAMSUNG DUAL BAND 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 = -3.750, Y = -1.000, Z = 0.000 (cm) Value = 5.177

Measured Values (volts) =
4.922E-003 3.711E-003 2.628E-003 2.084E-003 1.715E-003 1.362E-003
1.024E-003 7.963E-004 6.516E-004 5.281E-004 3.729E-004 2.585E-004
1.900E-004 2.071E-004 1.441E-004 5.757E-005 3.759E-005 7.874E-005
9.411E-005 1.122E-004 4.829E-005

Calc. Voltage @ Surface (Vs) = 0.0067

Voltage @ 1.00 cm (Vt) = 0.0021

Ave. Voltage (Vs+Vt)/2 = 0.0044

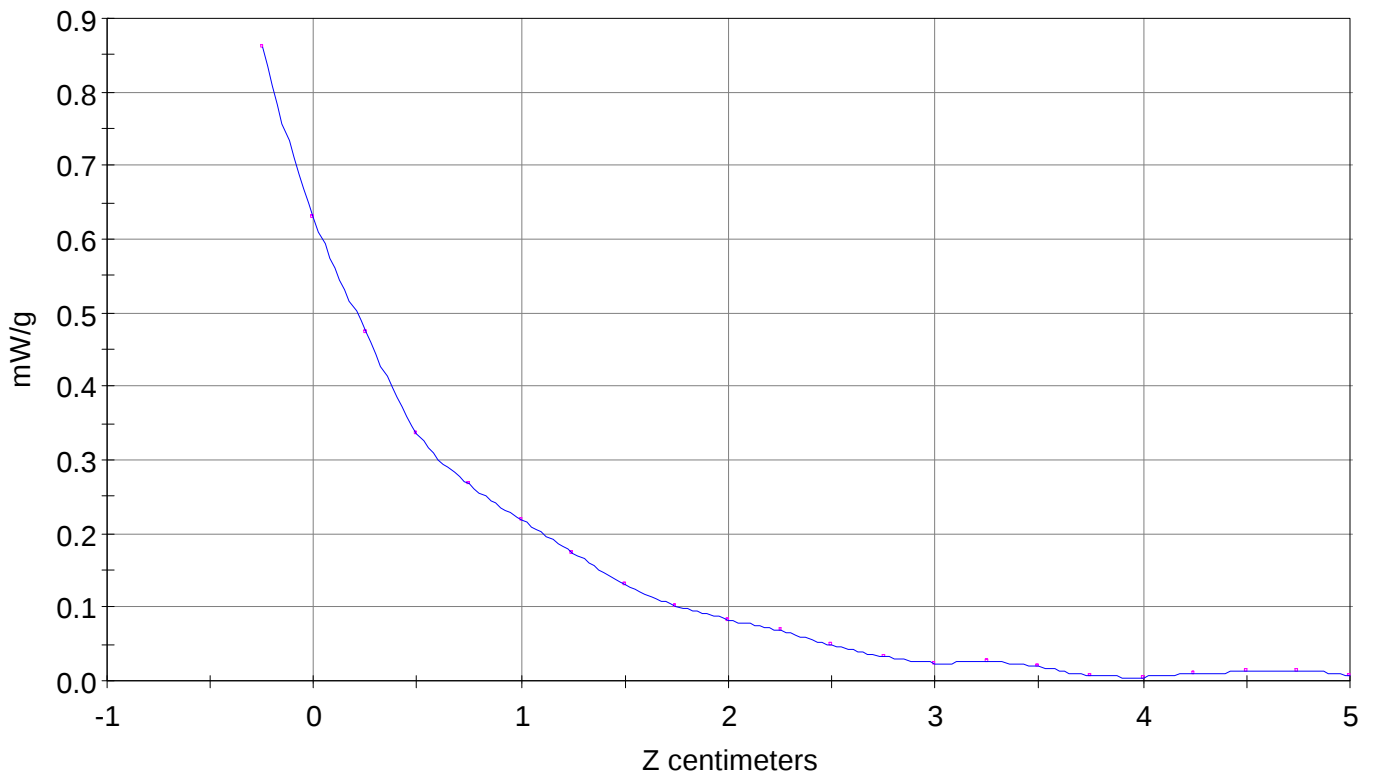
Ave. SAR over 1 g (mW/g) = 0.5625

SAR Scan

File : 00061408_ZOOM

Start : 14-Jun-100 11:12:48 am End : 14-Jun-100 11:26:09 am

SAMSUNG/A3LSPHM100/B01E1737;1880.00MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

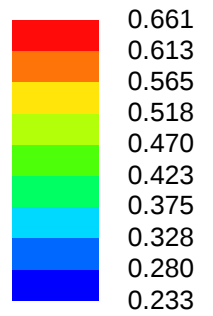
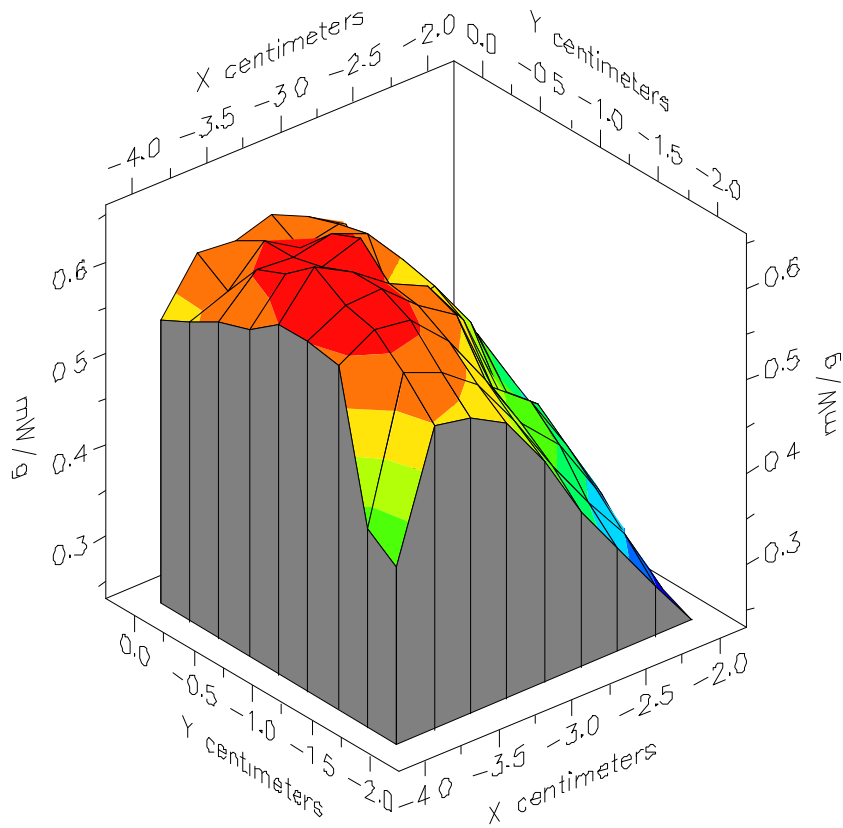


File : 00061408_ZOOM

Start : 14-Jun-100 11:12:48 am End : 14-Jun-100 11:26:09 am

SAMSUNG/A3LSPHM100/B01E1737;1880.00MHz;W;Helical/In;

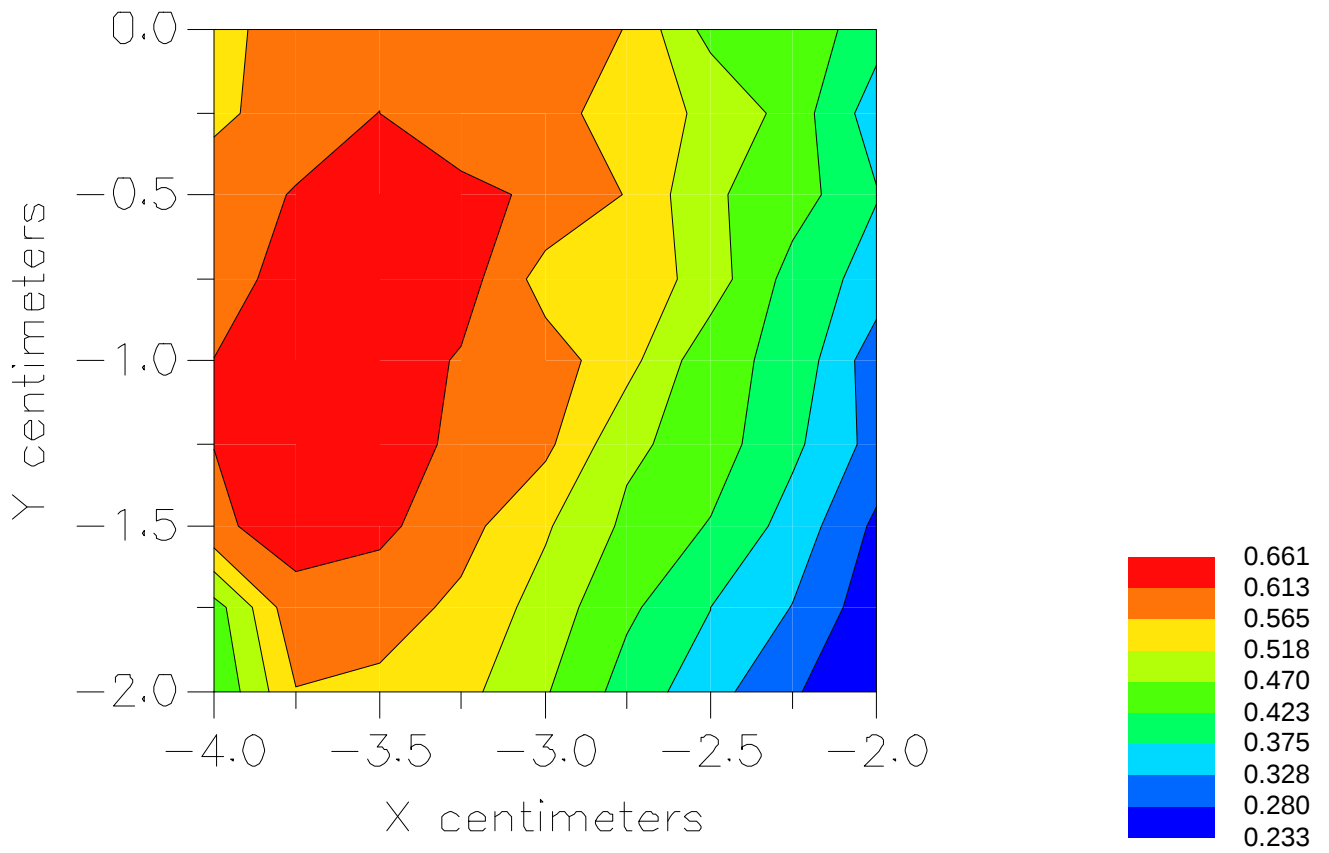
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00061408_ZOOM

Start : 14-Jun-100 11:12:48 am End : 14-Jun-100 11:26:09 am

SAMSUNG/A3LSPHM100/B01E1737;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/00061406_ZOOM.VLT
Start : 14-Jun-100 10:43:35 am End : 14-Jun-100 10:55:20 am

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
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 DUAL BAND PHONE PCS MODE
CHAN 0600 24.0 dBm conducted BODY SAR
SAMSUNG DUAL BAND 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 = -5.500, Y = -2.250, Z = 0.000 (cm) Value = 4.402

Measured Values (volts) =
4.311E-003 3.557E-003 2.500E-003 1.898E-003 1.534E-003 1.327E-003
1.073E-003 7.800E-004 5.291E-004 4.708E-004 4.767E-004 4.102E-004
1.931E-004 9.568E-005 1.916E-004 2.983E-004 2.773E-004 2.708E-004
8.380E-005 4.462E-005 3.621E-005

Calc. Voltage @ Surface (Vs) = 0.0057

Voltage @ 1.00 cm (Vt) = 0.0019

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

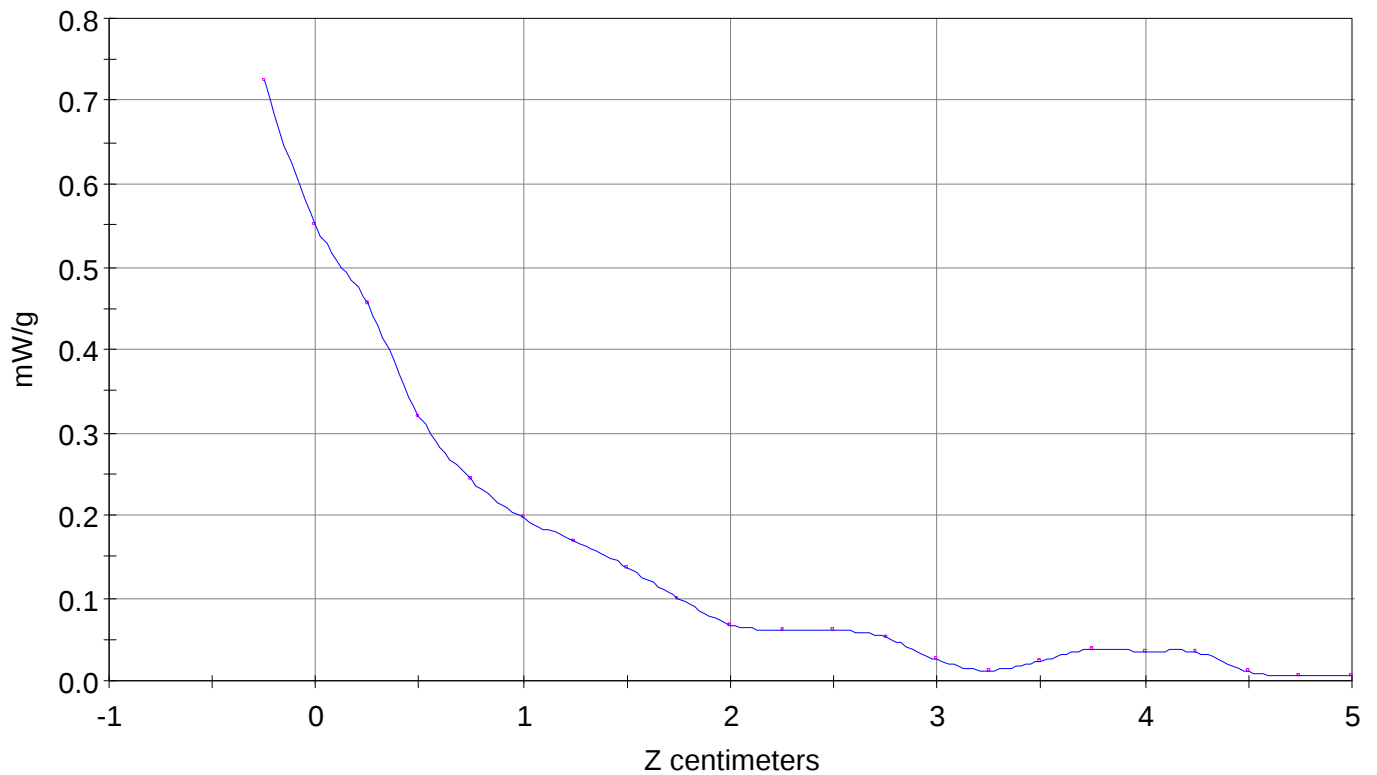
Ave. SAR over 1 g (mW/g) = 0.4834

SAR Scan

File : 00061406_ZOOM

Start : 14-Jun-100 10:43:35 am End : 14-Jun-100 10:55:20 am

SAMSUNG/A3LSPHM100/B01E1737;1880.00MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

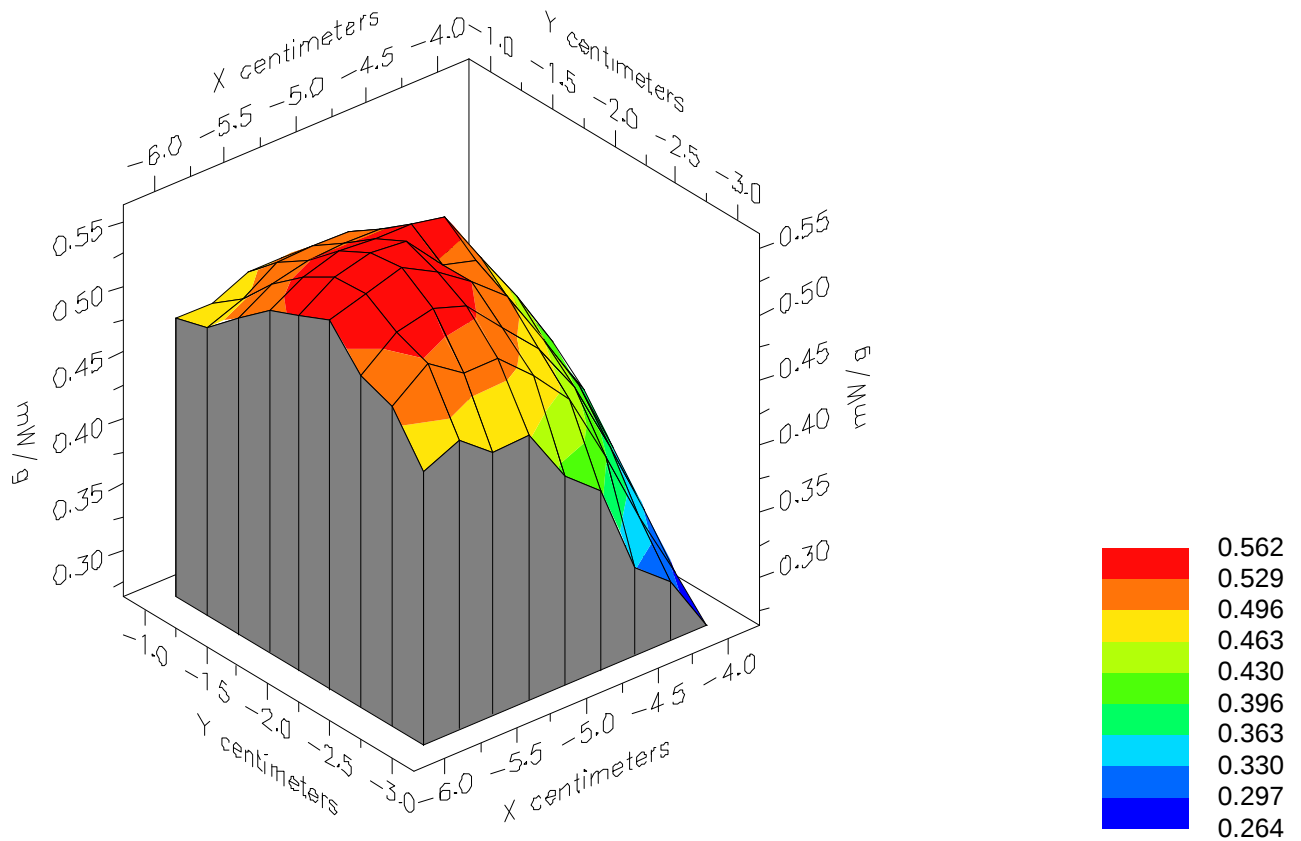


File : 00061406_ZOOM

Start : 14-Jun-100 10:43:35 am End : 14-Jun-100 10:55:20 am

SAMSUNG/A3LSPHM100/B01E1737;1880.00MHz;W;Helical/Out;

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

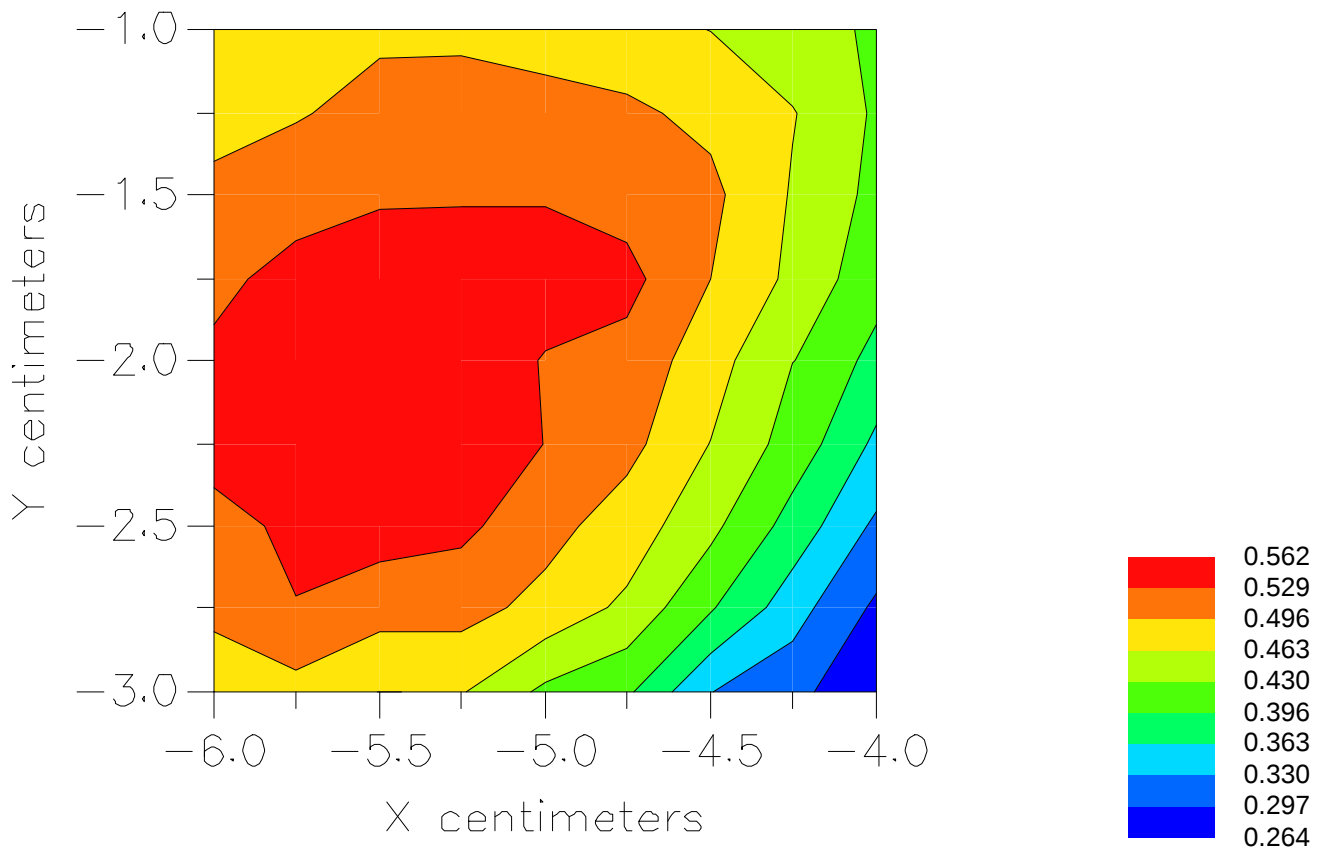


File : 00061406_ZOOM

Start : 14-Jun-100 10:43:35 am End : 14-Jun-100 10:55:20 am

SAMSUNG/A3LSPHM100/B01E1737;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/00061403_ZOOM.VLT
Start : 14-Jun-100 09:39:22 am End : 14-Jun-100 10:04:31 am

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 1908.75 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 = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 1175 23.5 dBm conducted BODY SAR
SAMSUNG DUAL BAND 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 = -3.500, Y = -1.000, Z = 0.000 (cm) Value = 4.890

Measured Values (volts) =
5.113E-003 3.857E-003 2.788E-003 2.066E-003 1.707E-003 1.370E-003
1.082E-003 7.625E-004 6.270E-004 5.426E-004 4.259E-004 2.134E-004
1.971E-004 2.148E-004 1.669E-004 1.127E-004 5.271E-005 6.078E-005
1.095E-004 1.258E-004 1.032E-004

Calc. Voltage @ Surface (Vs) = 0.0069

Voltage @ 1.00 cm (Vt) = 0.0021

Ave. Voltage (Vs+Vt)/2 = 0.0045

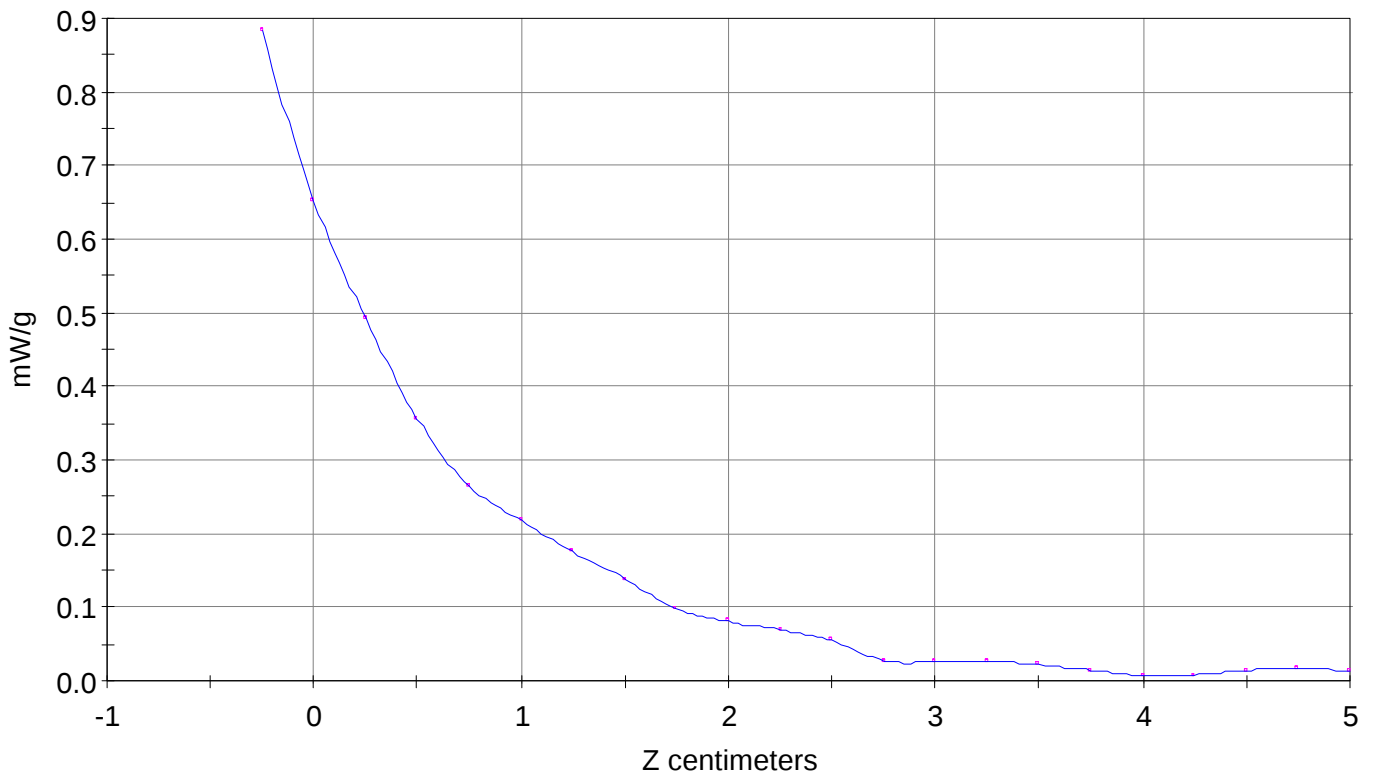
Ave. SAR over 1 g (mW/g) = 0.5737

SAR Scan

File : 00061403_ZOOM

Start : 14-Jun-100 09:39:22 am End : 14-Jun-100 10:04:31 am

SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

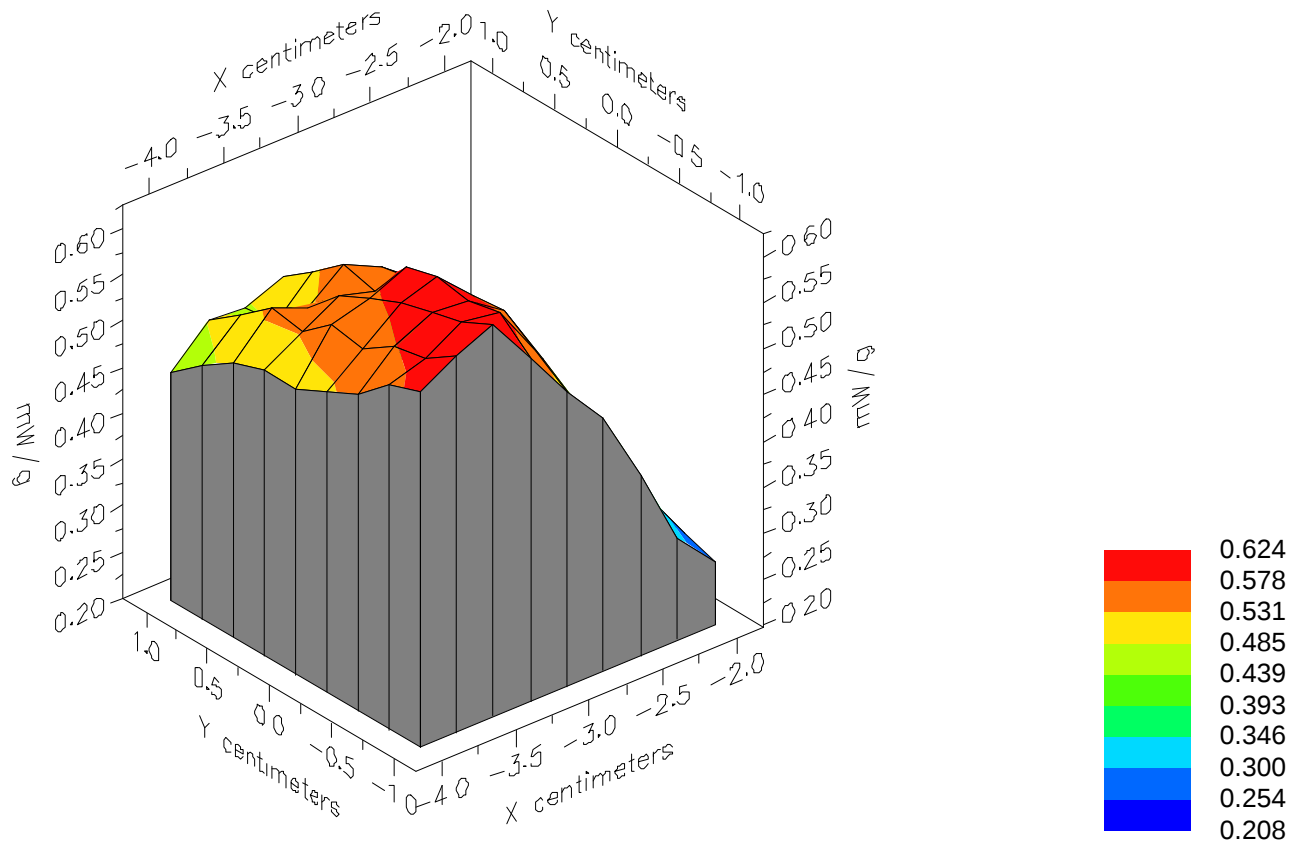


File : 00061403_ZOOM

Start : 14-Jun-100 09:39:22 am End : 14-Jun-100 10:04:31 am

SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/In;

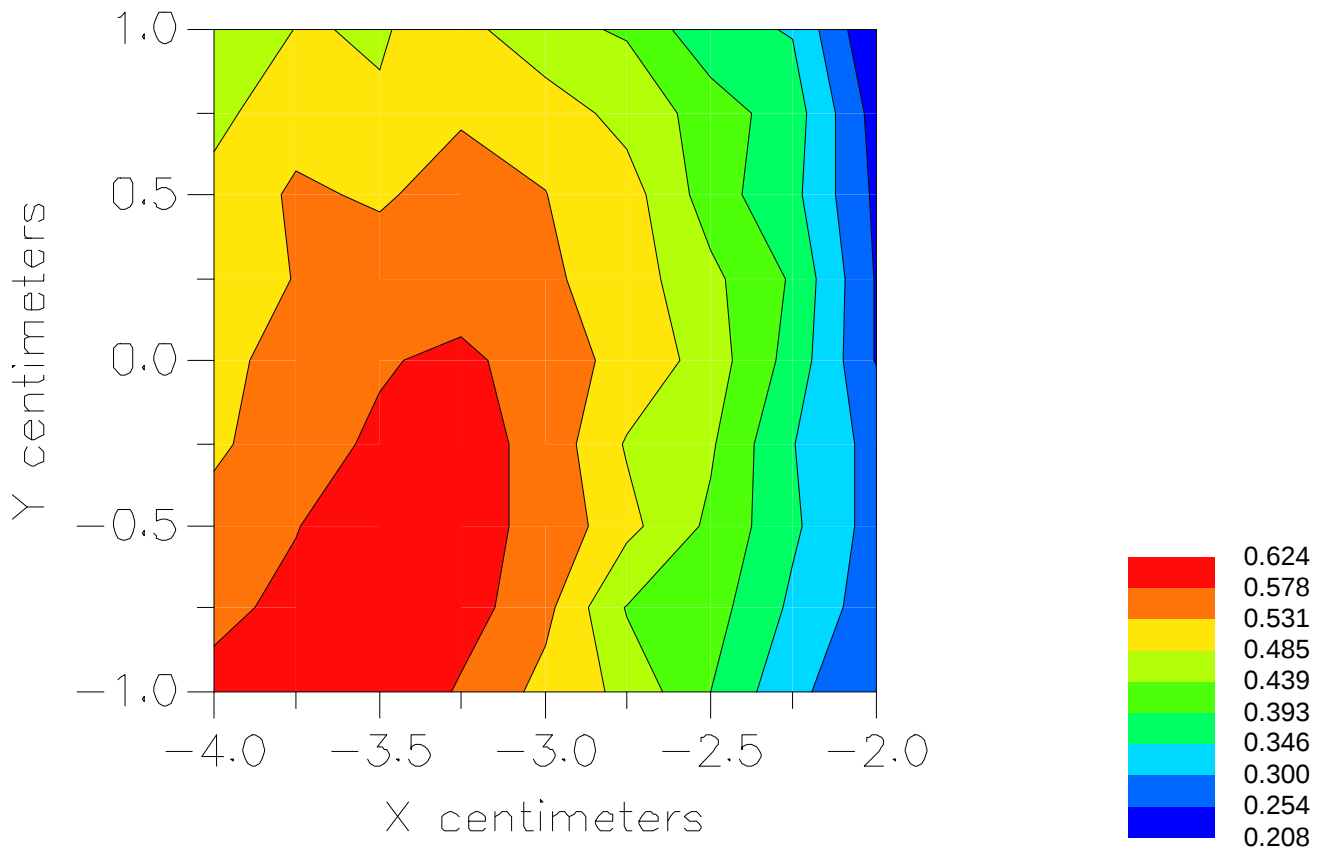
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00061403_ZOOM

Start : 14-Jun-100 09:39:22 am End : 14-Jun-100 10:04:31 am

SAMSUNG/A3LSPHM100/B01E1737;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/00061405_ZOOM.VLT
Start : 14-Jun-100 10:16:34 am End : 14-Jun-100 10:26:52 am

Radio Type : SAMSUNG
Model Number : A3LSPHM100
Serial Number : B01E1737
Frequency : 1908.75 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 = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 1175 23.5 dBm conducted BODY SAR
SAMSUNG DUAL BAND 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 = -5.500, Y = -2.000, Z = 0.000 (cm) Value = 4.051

Measured Values (volts) =
3.997E-003 3.517E-003 2.541E-003 1.967E-003 1.456E-003 1.253E-003
1.064E-003 7.829E-004 5.252E-004 4.252E-004 4.534E-004 4.057E-004
1.970E-004 8.401E-005 1.187E-004 2.138E-004 2.727E-004 3.075E-004
1.263E-004 4.380E-005 7.281E-005

Calc. Voltage @ Surface (Vs) = 0.0050

Voltage @ 1.00 cm (Vt) = 0.0020

Ave. Voltage (Vs+Vt)/2 = 0.0035

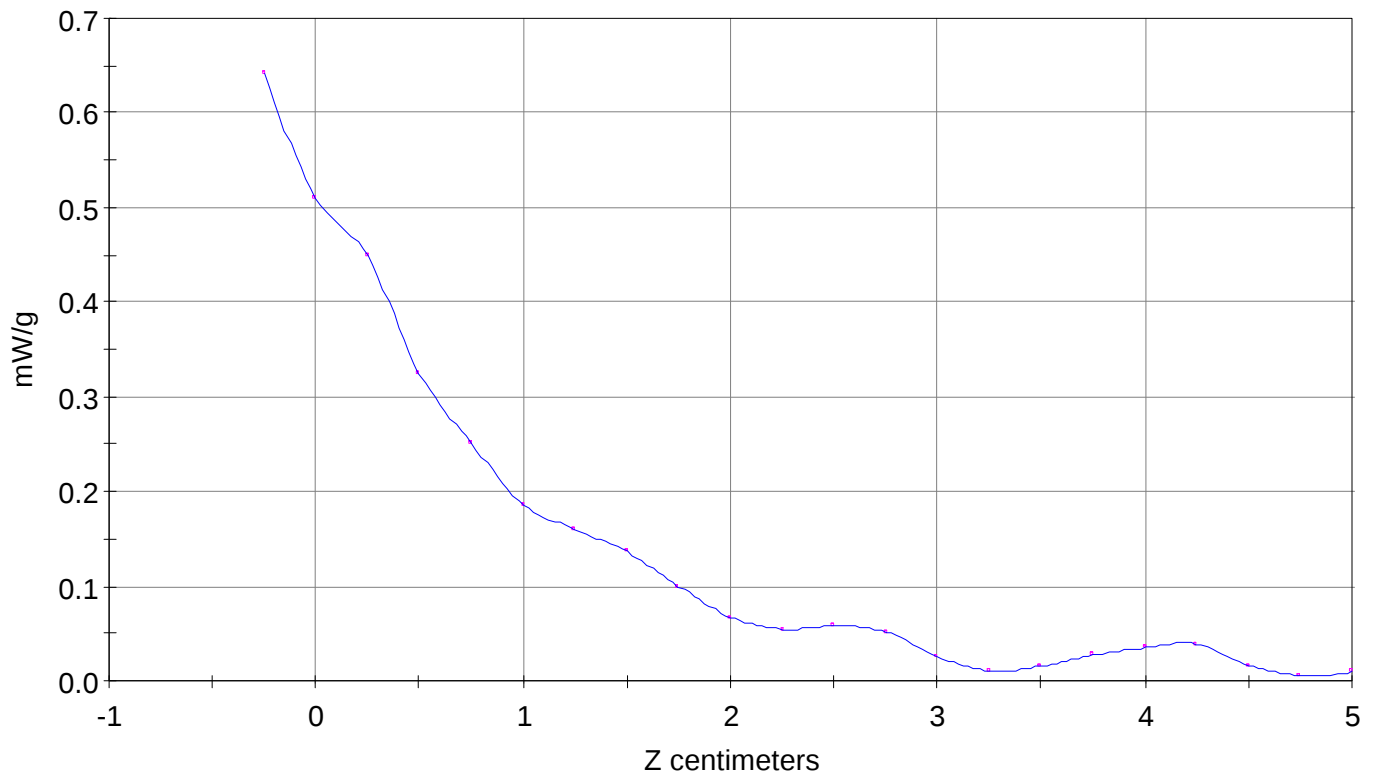
Ave. SAR over 1 g (mW/g) = 0.4468

SAR Scan

File : 00061405_ZOOM

Start : 14-Jun-100 10:16:34 am End : 14-Jun-100 10:26:52 am

SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

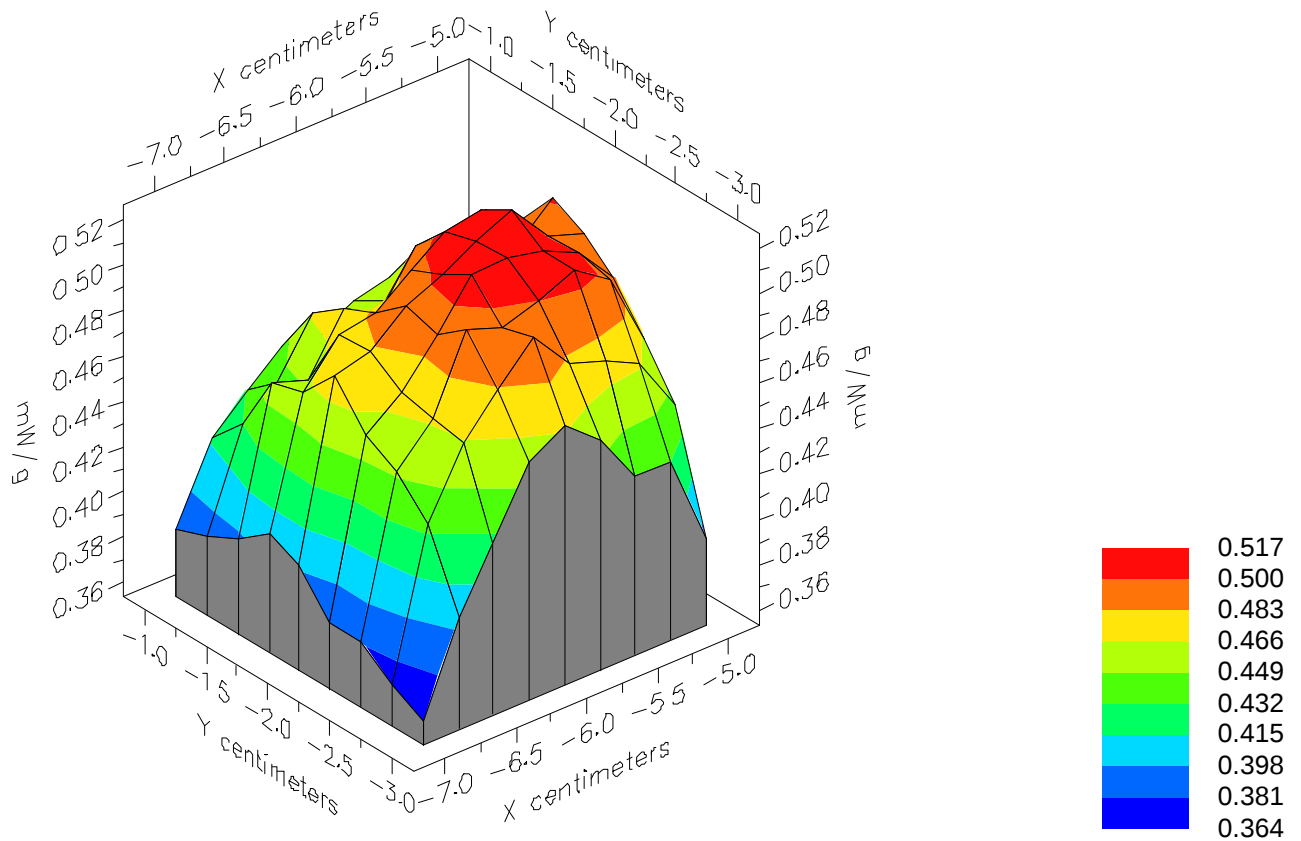


File : 00061405_ZOOM

Start : 14-Jun-100 10:16:34 am End : 14-Jun-100 10:26:52 am

SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/Out;

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



File : 00061405_ZOOM

Start : 14-Jun-100 10:16:34 am End : 14-Jun-100 10:26:52 am

SAMSUNG/A3LSPHM100/B01E1737;1908.75MHz;W;Helical/Out;

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

