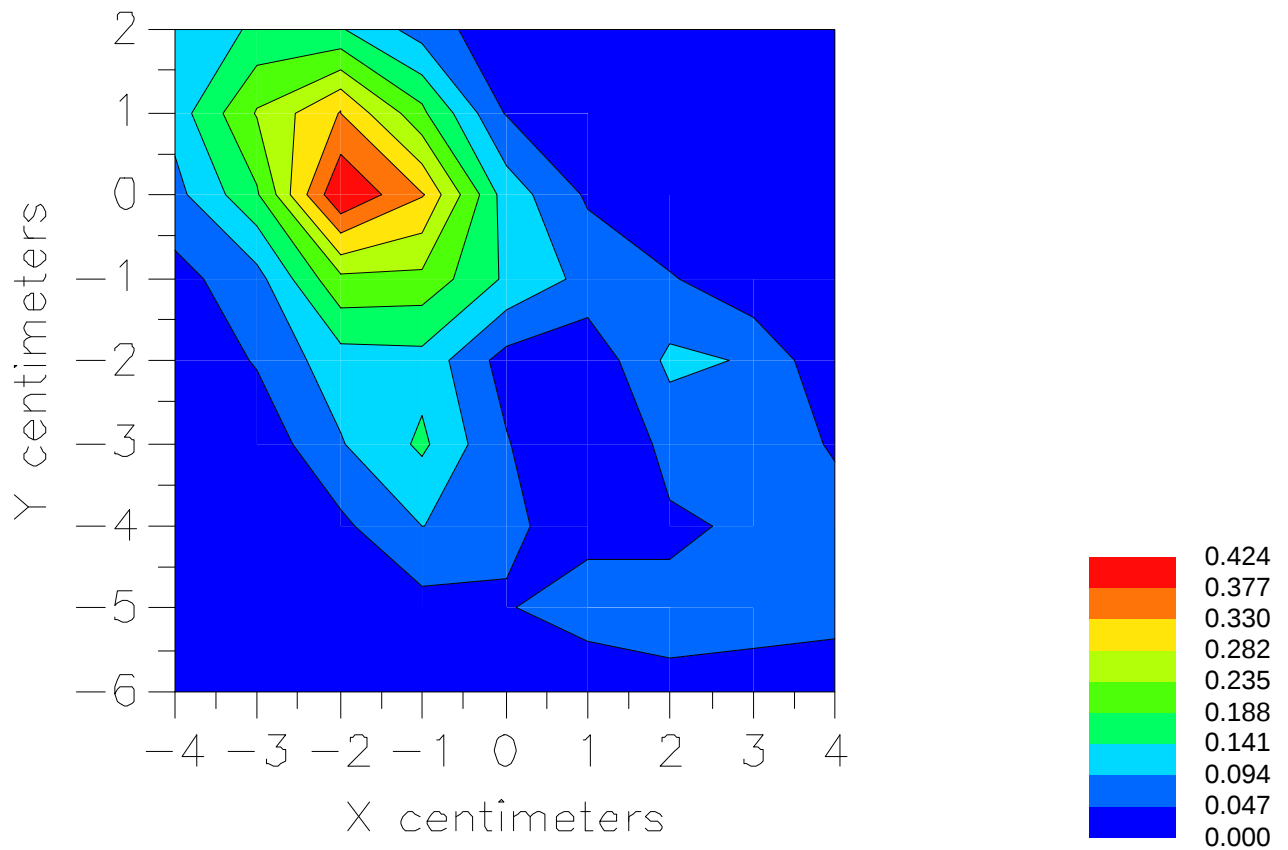


File : 00051812_AREA

Start : 18-May-100 03:29:13 pm End : 18-May-100 03:37:38 pm

SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/In;
Head/Left Ear;AREA;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00051812_ZOOM.VLT
Start : 18-May-100 03:37:38 pm End : 18-May-100 03:47:37 pm

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 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 PCS PHONE CDMA MODE
CHAN 1175 24.5 dBm conducted
FCC ID:A3LSPHN105

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 = -0.500, Z = 0.000 (cm) Value = 3.916

Measured Values (volts) =
3.747E-003 2.688E-003 1.852E-003 1.264E-003 9.014E-004 6.253E-004
4.401E-004 3.229E-004 1.870E-004 1.236E-004 7.927E-005 2.700E-005
2.961E-006 0.000E+000 3.877E-006 6.345E-007 3.313E-006 0.000E+000
0.000E+000 0.000E+000 0.000E+000

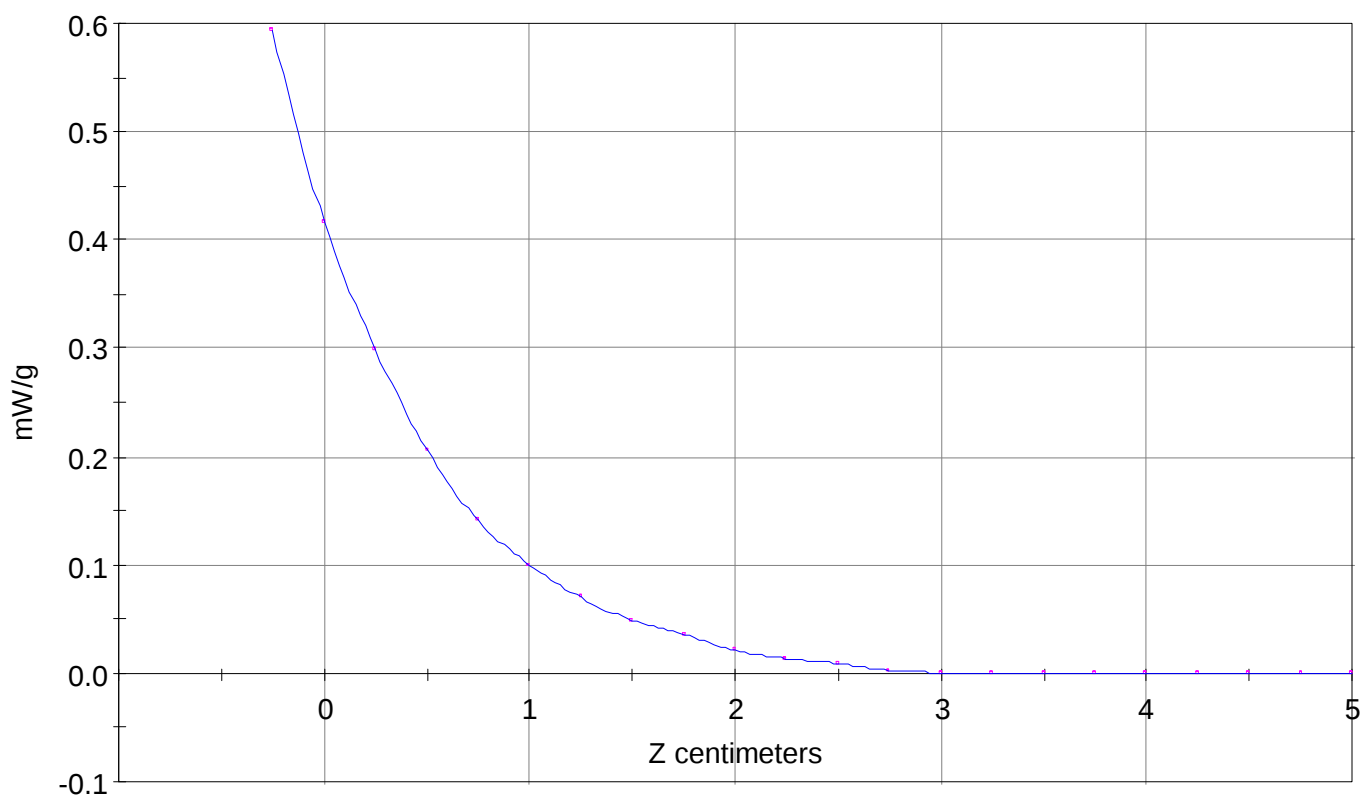
Calc. Voltage @ Surface (Vs) = 0.0053

Voltage @ 1.00 cm (Vt) = 0.0013

Ave. Voltage (Vs+Vt)/2 = 0.0033

Ave. SAR over 1 g (mW/g) = 0.3667

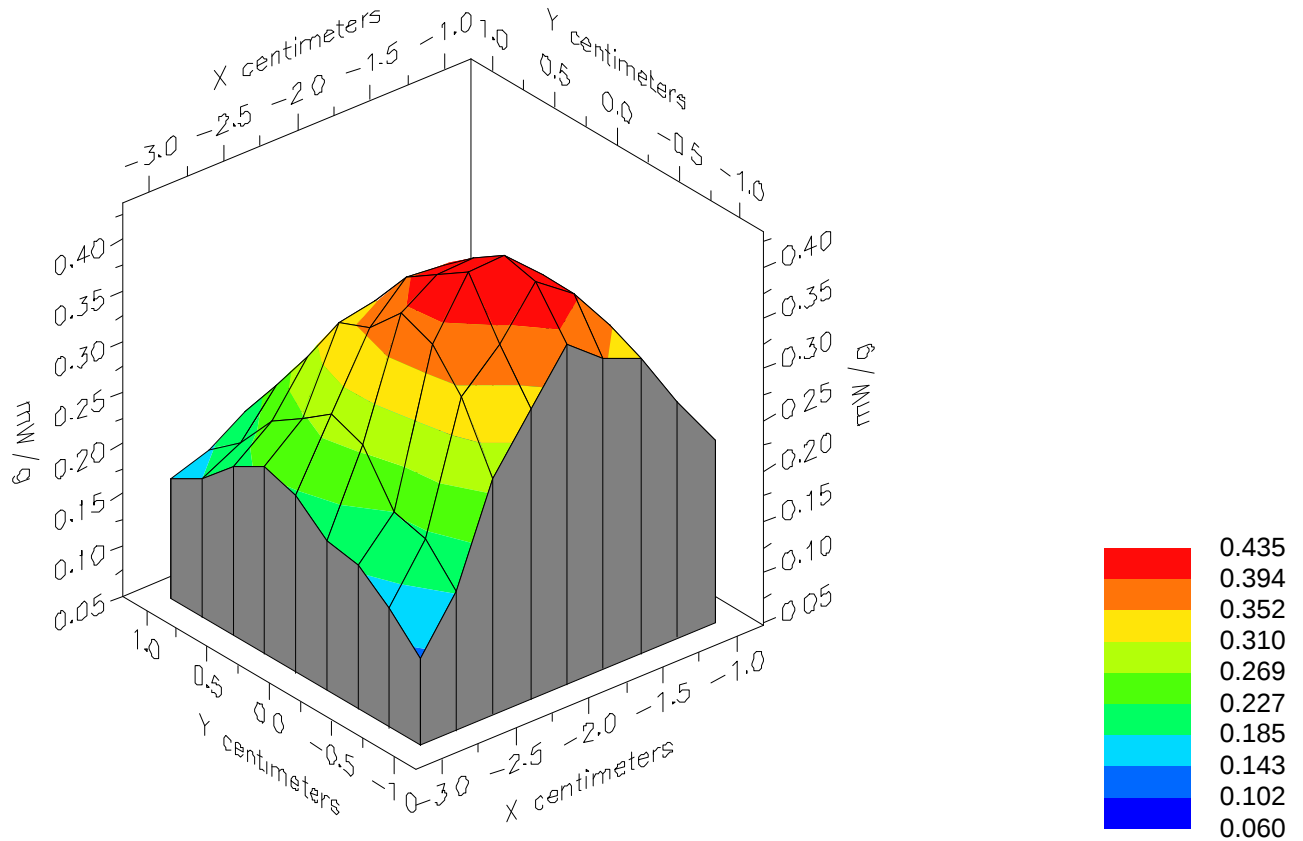
SAR Scan
File : 00051812_ZOOM
Start : 18-May-100 03:37:38 pm End : 18-May-100 03:47:37 pm
SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00051812_ZOOM

Start : 18-May-100 03:37:38 pm End : 18-May-100 03:47:37 pm

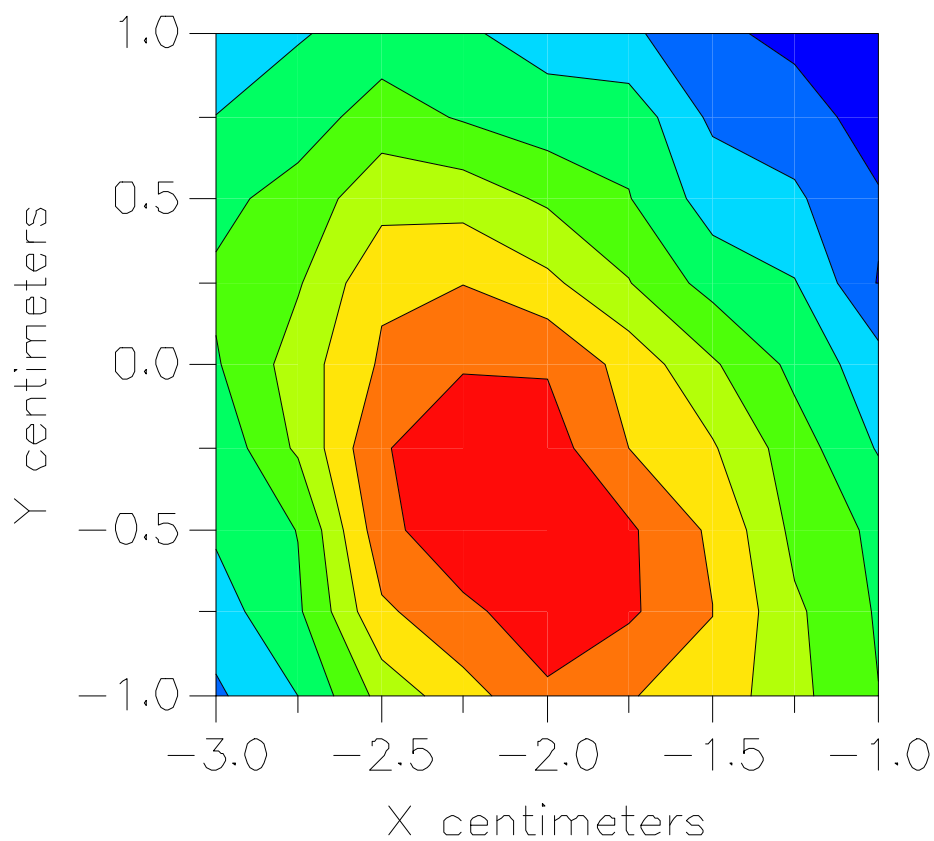
SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00051812_ZOOM

Start : 18-May-100 03:37:38 pm End : 18-May-100 03:47:37 pm

SAMSUNG/SPH-N105/B01E00DE;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/00051814_ZOOM.VLT
Start : 18-May-100 04:26:20 pm End : 18-May-100 04:40:12 pm

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 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 PCS PHONE CDMA MODE
CHAN 1175 24.5 dBm conducted
FCC ID:A3LSPHN105

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 = -0.500, Z = 0.000 (cm) Value = 4.117

Measured Values (volts) =
3.404E-003 2.571E-003 1.808E-003 1.242E-003 9.493E-004 6.362E-004
4.451E-004 3.049E-004 2.103E-004 1.573E-004 9.355E-005 1.952E-005
1.909E-005 0.000E+000 3.877E-006 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

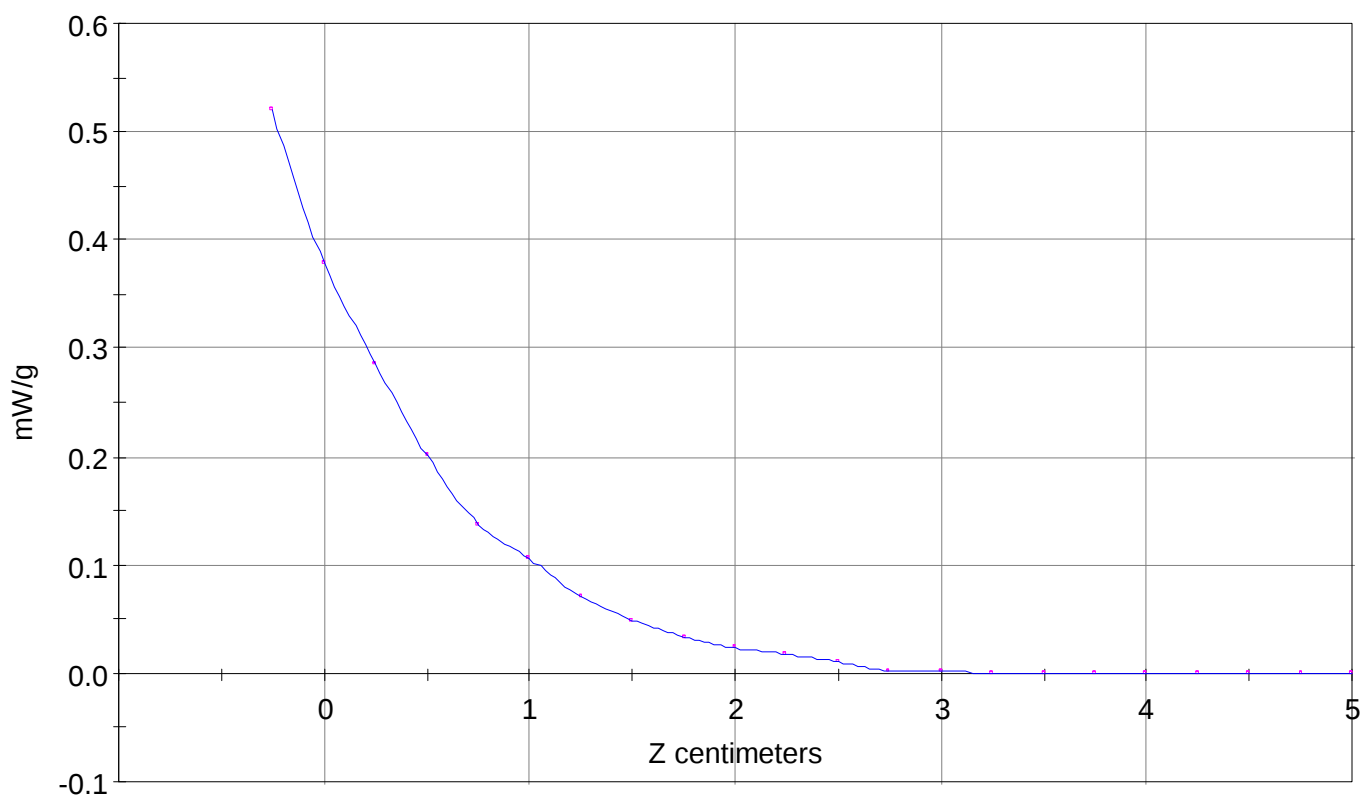
Calc. Voltage @ Surface (Vs) = 0.0047

Voltage @ 1.00 cm (Vt) = 0.0012

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

Ave. SAR over 1 g (mW/g) = 0.3285

SAR Scan
File : 00051814_ZOOM
Start : 18-May-100 04:26:20 pm End : 18-May-100 04:40:12 pm
SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

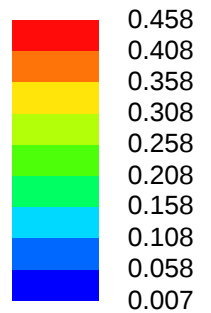
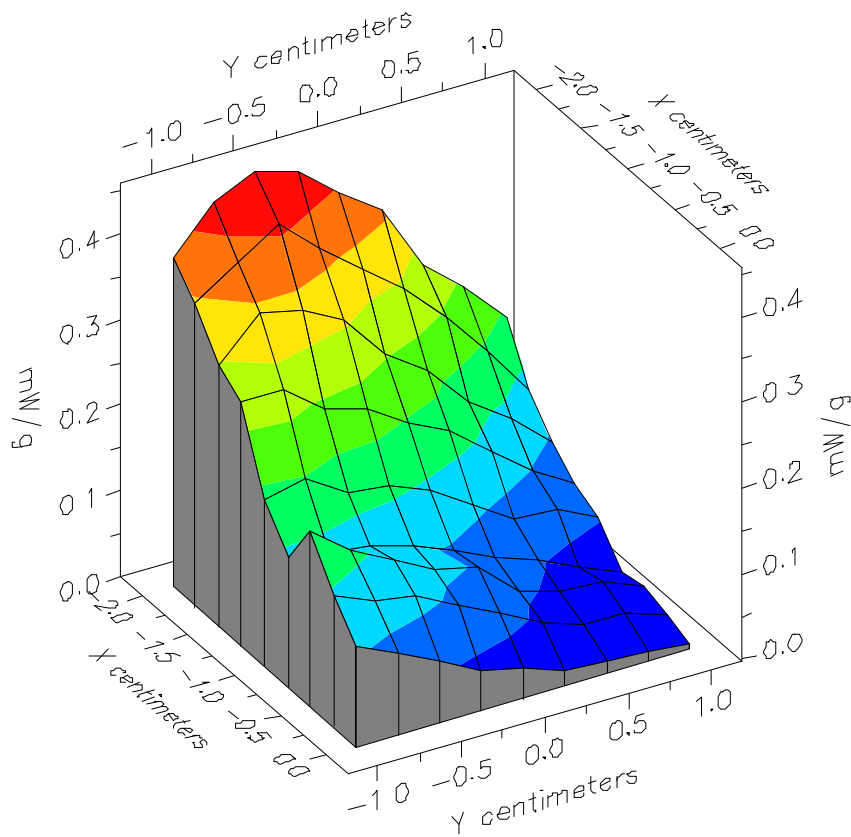


File : 00051814_ZOOM

Start : 18-May-100 04:26:20 pm End : 18-May-100 04:40:12 pm

SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/Out;

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

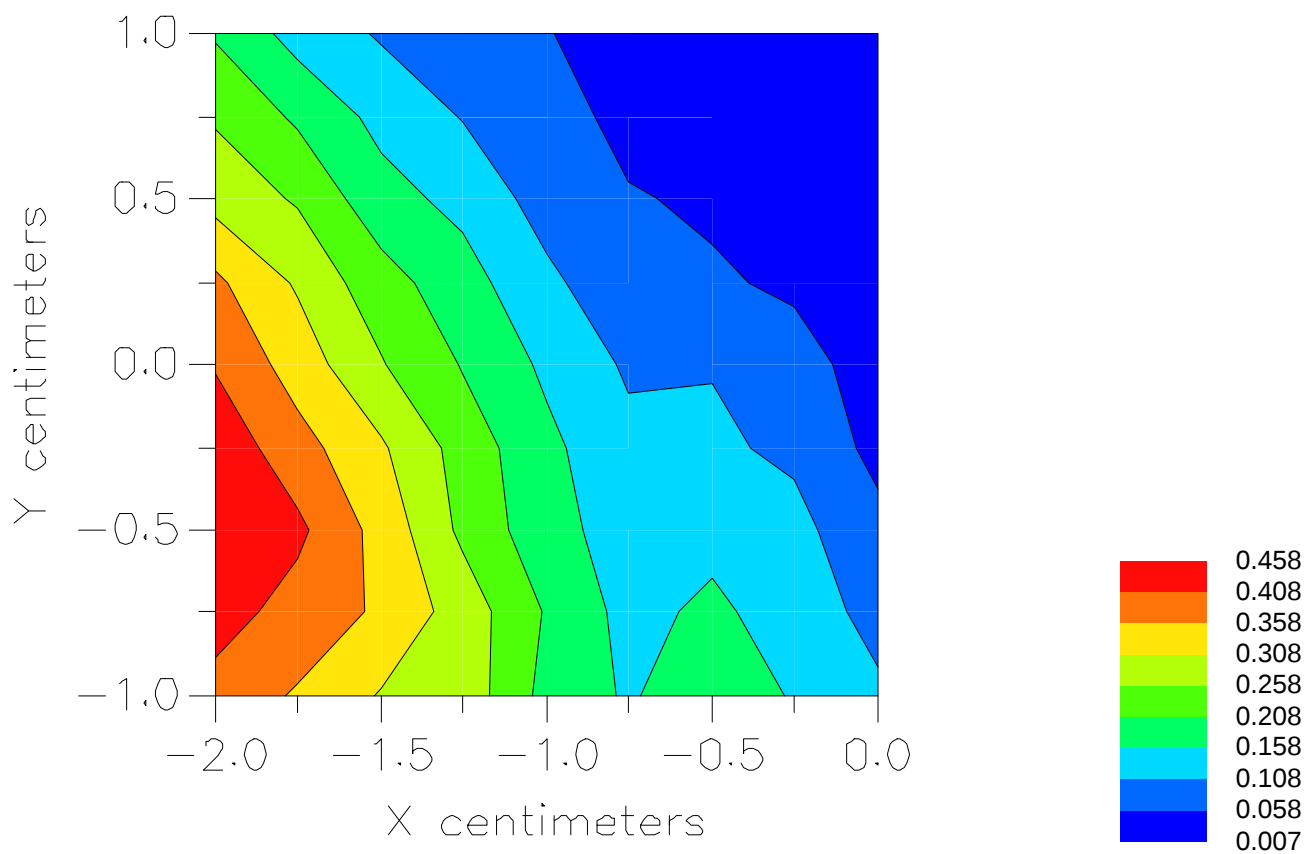


File : 00051814_ZOOM

Start : 18-May-100 04:26:20 pm End : 18-May-100 04:40:12 pm

SAMSUNG/SPH-N105/B01E00DE;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/00051815_ZOOM.VLT
Start : 18-May-100 04:53:51 pm End : 18-May-100 05:08:22 pm

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1880 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 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 PCS PHONE CDMA MODE
CHAN 0600 24.5 dBm conducted
FCC ID:A3LSPHN105

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 = -0.500, Z = 0.000 (cm) Value = 3.288

Measured Values (volts) =
3.909E-003 2.457E-003 1.730E-003 1.290E-003 8.797E-004 6.214E-004
4.366E-004 3.025E-004 1.893E-004 1.061E-004 9.608E-005 3.955E-005
1.079E-005 0.000E+000 1.100E-005 2.171E-005 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

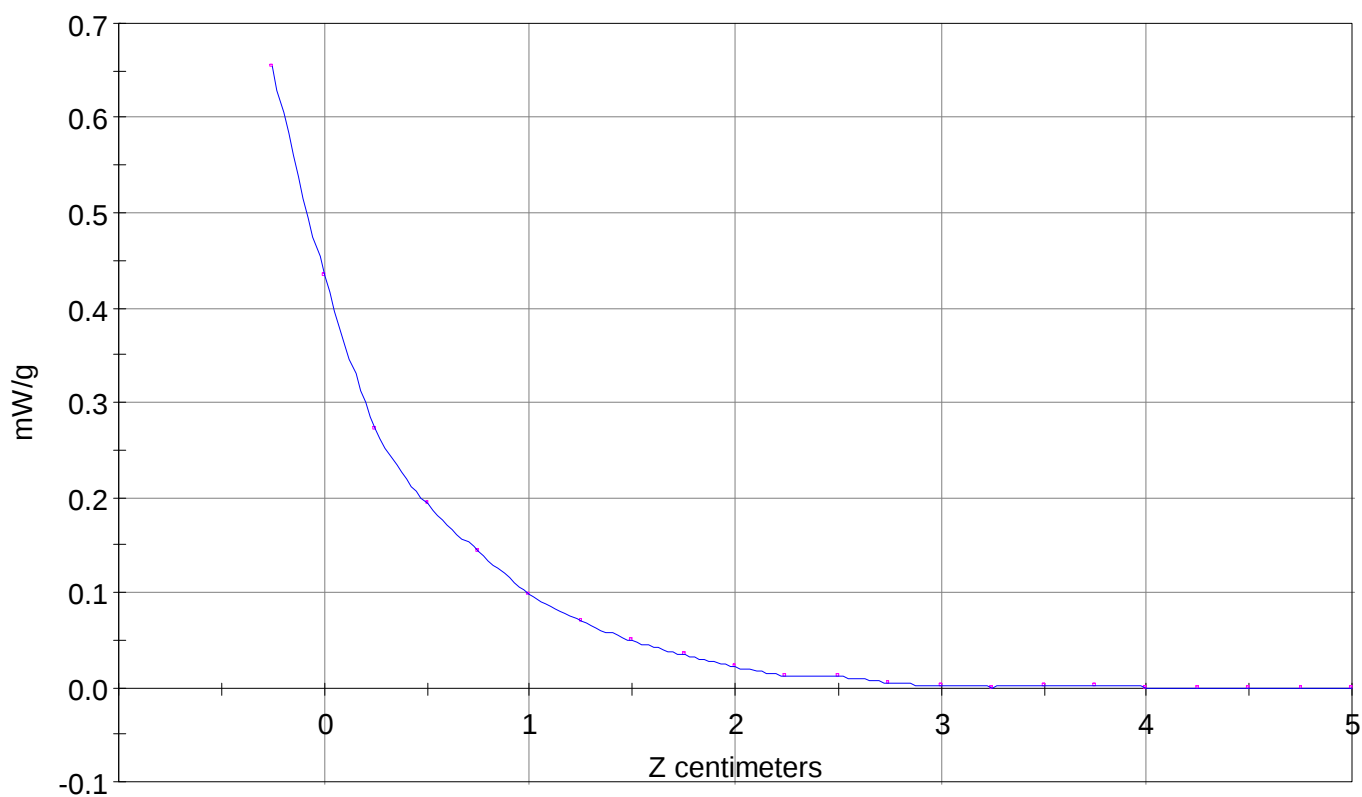
Calc. Voltage @ Surface (Vs) = 0.0059

Voltage @ 1.00 cm (Vt) = 0.0013

Ave. Voltage (Vs+Vt)/2 = 0.0036

Ave. SAR over 1 g (mW/g) = 0.3985

SAR Scan
File : 00051815_ZOOM
Start : 18-May-100 04:53:51 pm End : 18-May-100 05:08:22 pm
SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

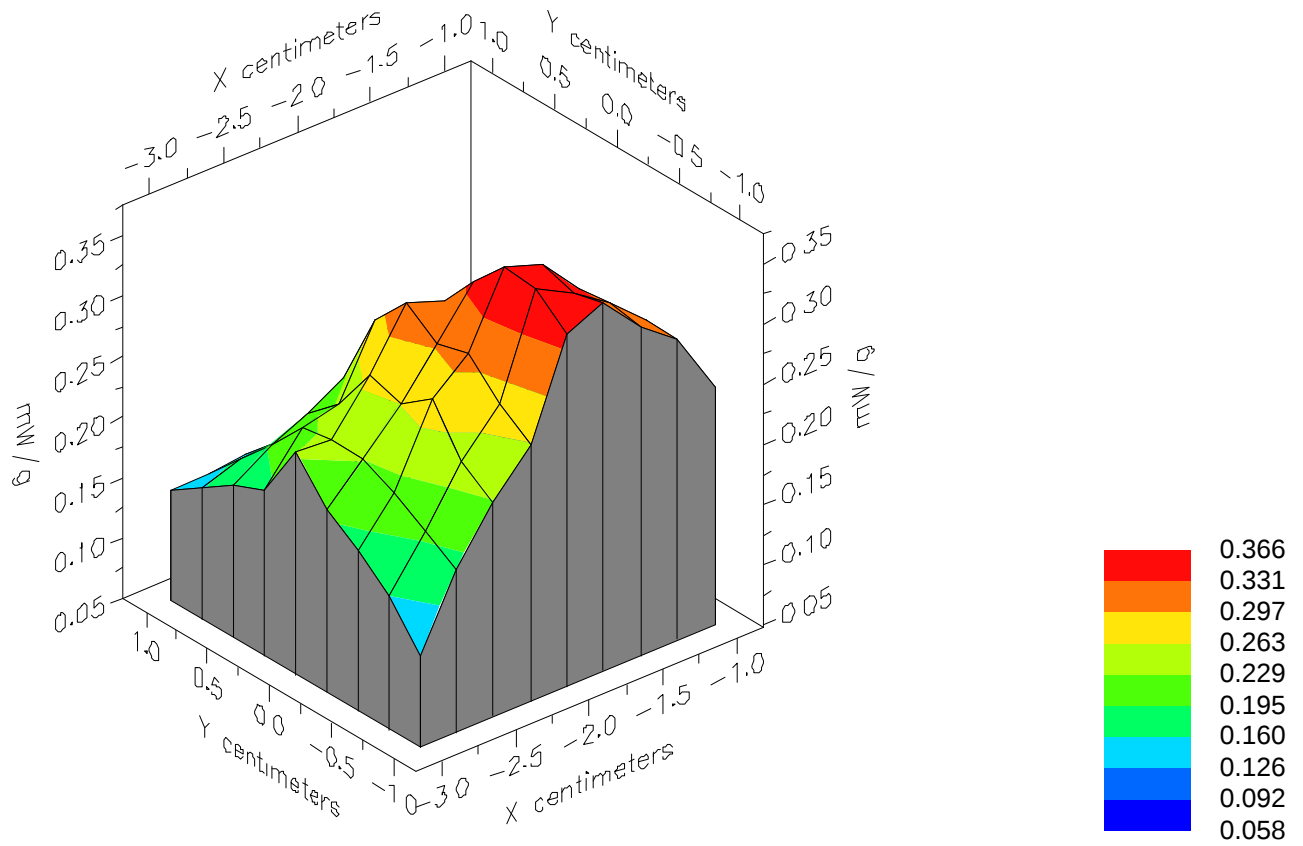


File : 00051815_ZOOM

Start : 18-May-100 04:53:51 pm End : 18-May-100 05:08:22 pm

SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/In;

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

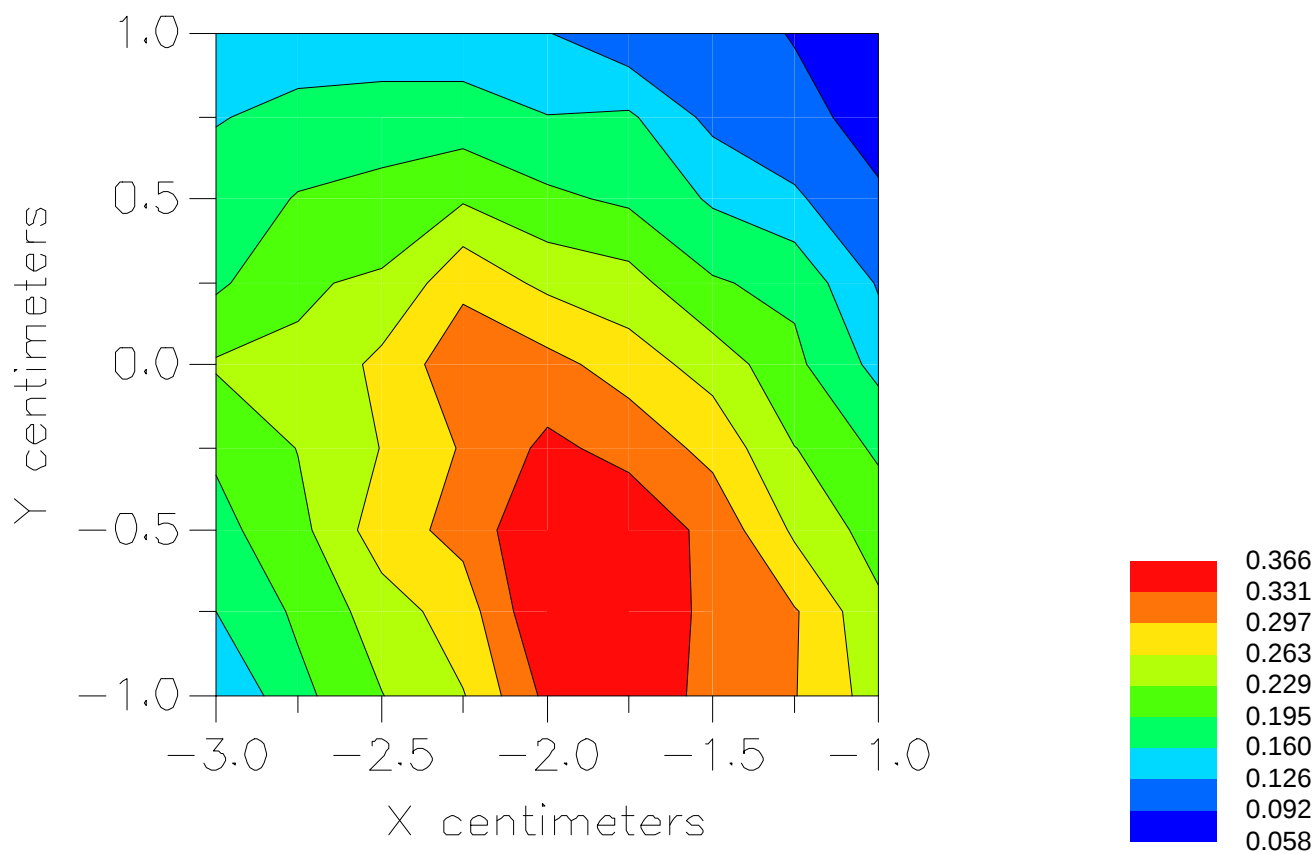


File : 00051815_ZOOM

Start : 18-May-100 04:53:51 pm End : 18-May-100 05:08:22 pm

SAMSUNG/SPH-N105/B01E00DE;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/00051816_ZOOM.VLT
Start : 18-May-100 05:09:29 pm End : 18-May-100 05:23:40 pm

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1880 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 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 PCS PHONE CDMA MODE
CHAN 0600 24.5 dBm conducted
FCC ID:A3LSPHN105

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 = -2.500, Y = 0.000, Z = 0.000 (cm) Value = 3.215

Measured Values (volts) =
4.285E-003 3.048E-003 1.995E-003 1.516E-003 1.100E-003 8.391E-004
5.511E-004 4.473E-004 2.979E-004 2.113E-004 1.280E-004 9.801E-005
5.653E-005 5.569E-006 8.177E-006 2.749E-006 0.000E+000 0.000E+000
0.000E+000 0.000E+000 1.762E-006

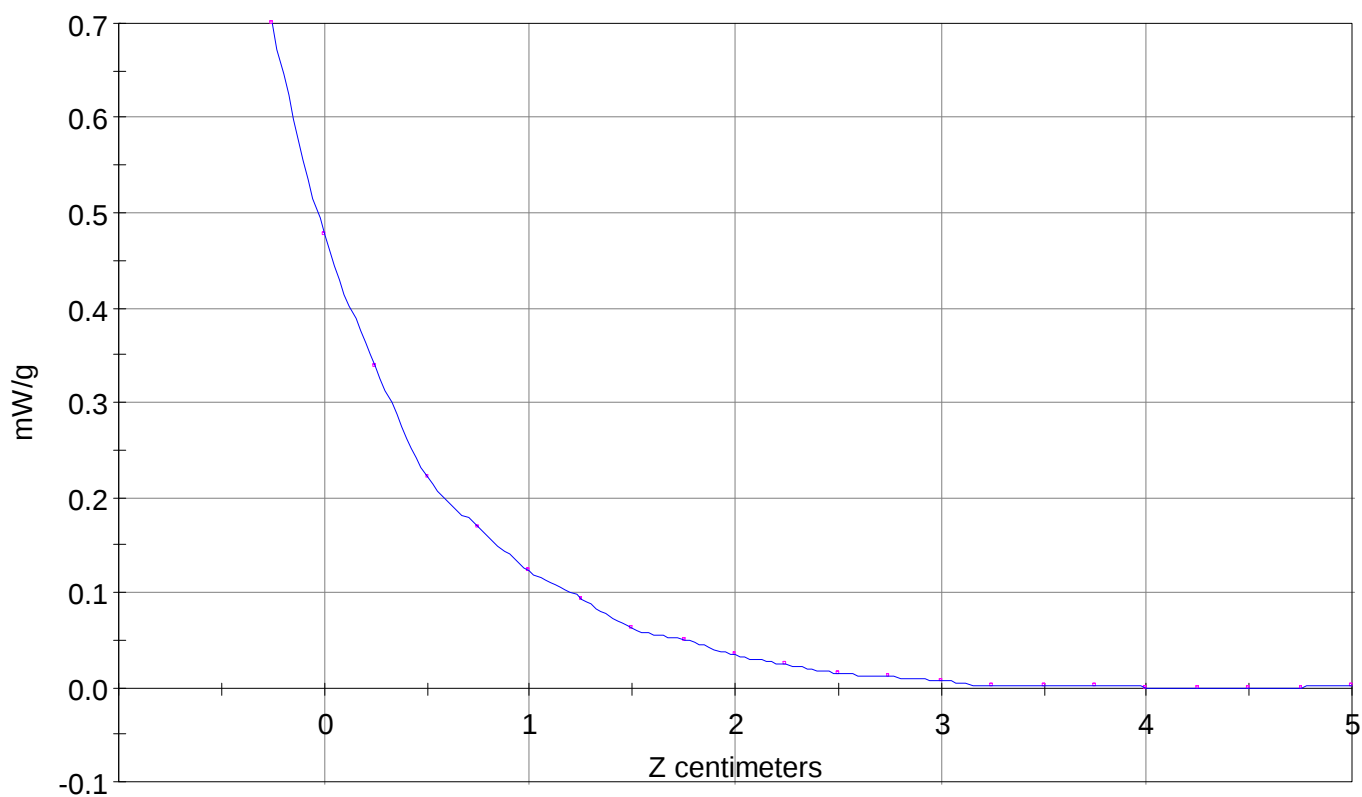
Calc. Voltage @ Surface (Vs) = 0.0063

Voltage @ 1.00 cm (Vt) = 0.0015

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

Ave. SAR over 1 g (mW/g) = 0.4338

SAR Scan
File : 00051816_ZOOM
Start : 18-May-100 05:09:29 pm End : 18-May-100 05:23:40 pm
SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

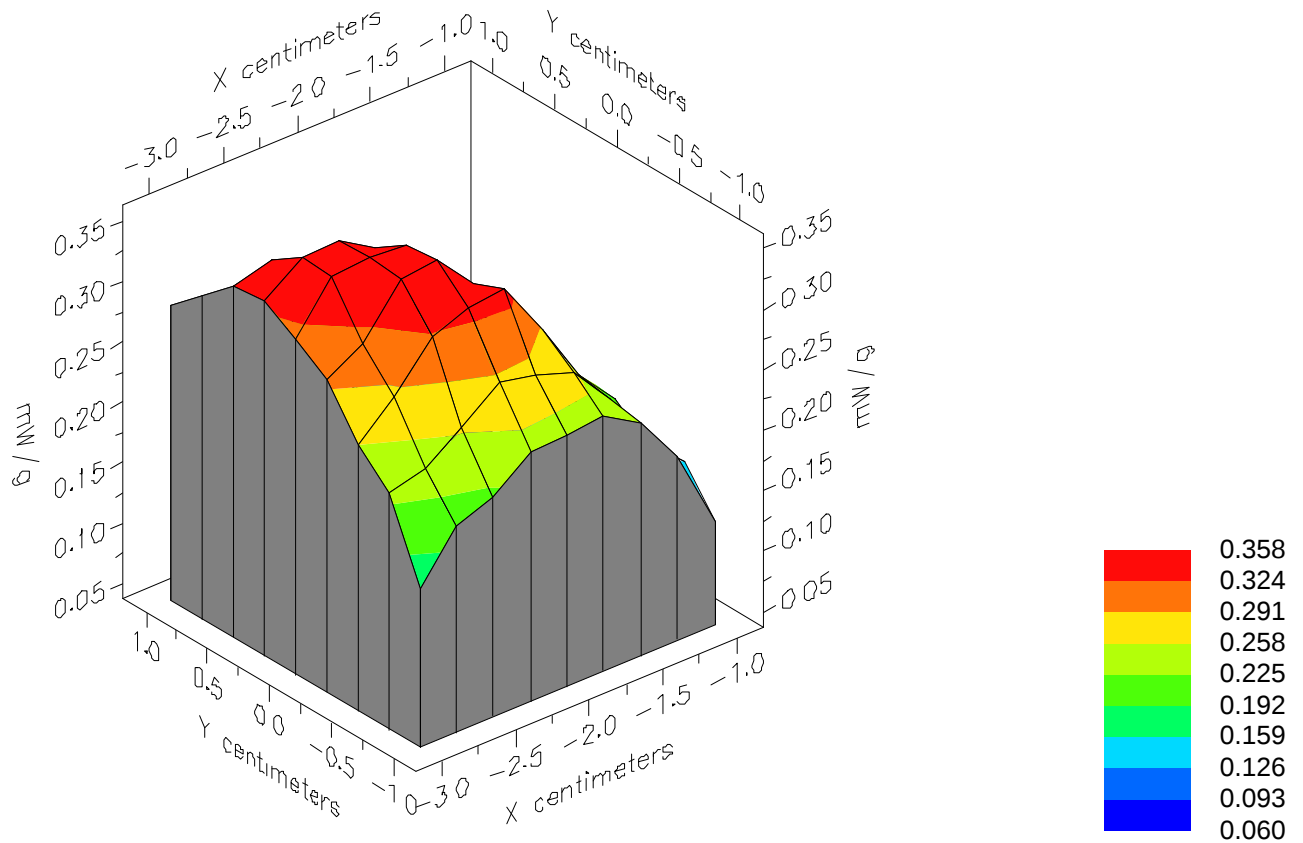


File : 00051816_ZOOM

Start : 18-May-100 05:09:29 pm End : 18-May-100 05:23:40 pm

SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/Out;

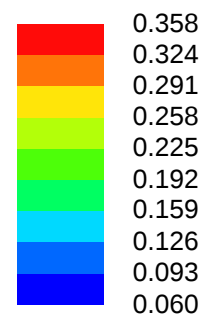
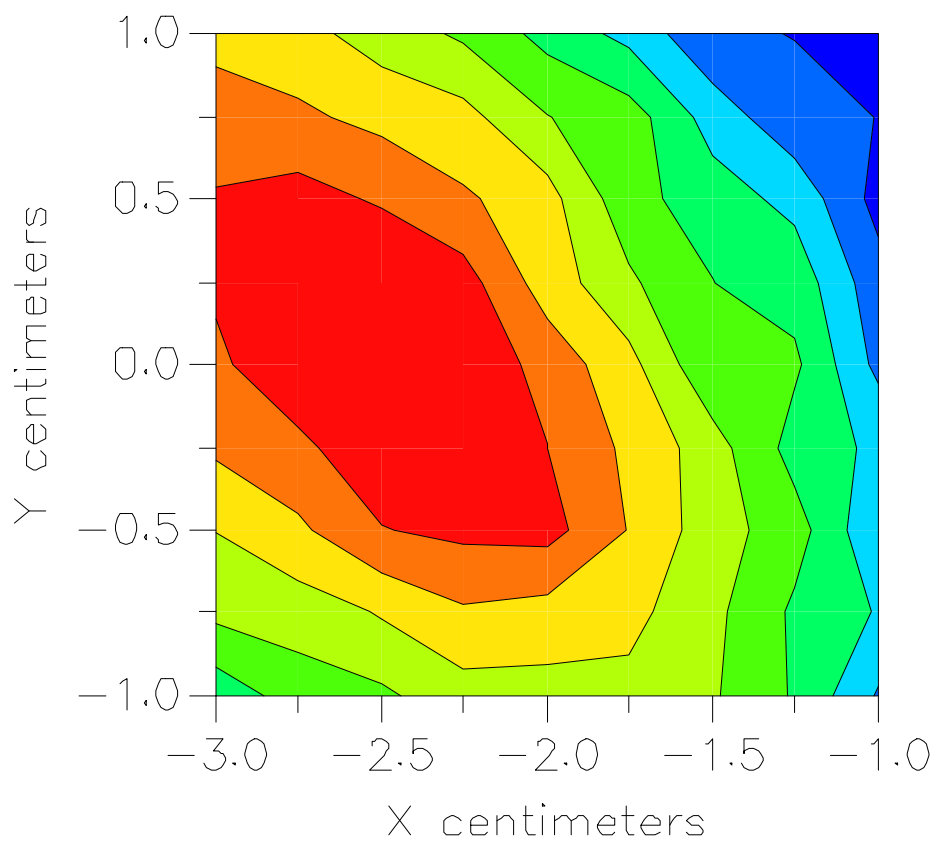
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00051816_ZOOM

Start : 18-May-100 05:09:29 pm End : 18-May-100 05:23:40 pm

SAMSUNG/SPH-N105/B01E00DE;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/00051817_ZOOM.VLT
Start : 18-May-100 05:27:27 pm End : 18-May-100 05:41:32 pm

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 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 PCS PHONE CDMA MODE
CHAN 0025 24.5 dBm conducted
FCC ID:A3LSPHN105

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 = -0.500, Z = 0.000 (cm) Value = 3.954

Measured Values (volts) =
4.337E-003 2.796E-003 1.842E-003 1.343E-003 9.922E-004 6.840E-004
5.348E-004 3.656E-004 2.590E-004 1.768E-004 1.078E-004 5.849E-005
3.883E-005 2.228E-005 1.671E-005 1.086E-005 5.569E-006 0.000E+000
0.000E+000 1.819E-005 7.684E-006

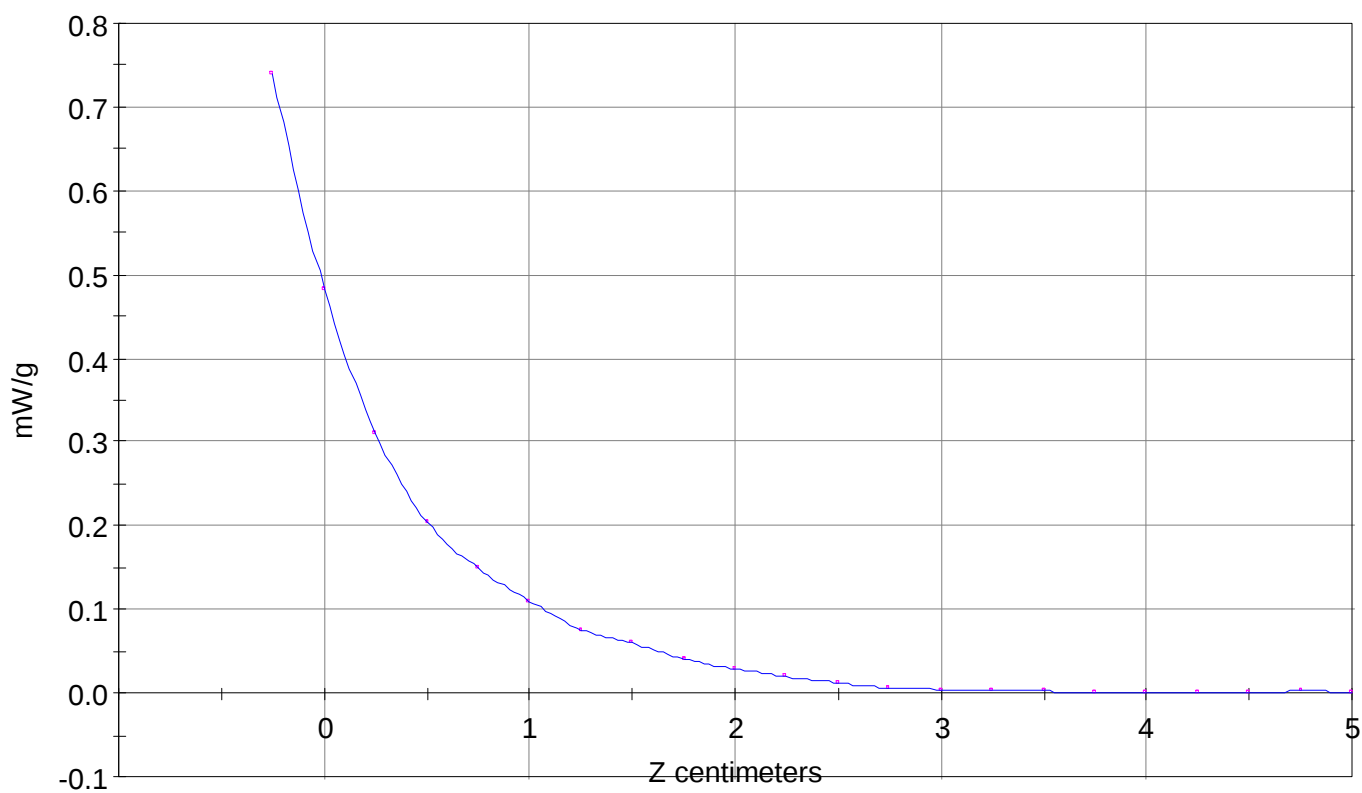
Calc. Voltage @ Surface (Vs) = 0.0067

Voltage @ 1.00 cm (Vt) = 0.0013

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

Ave. SAR over 1 g (mW/g) = 0.4440

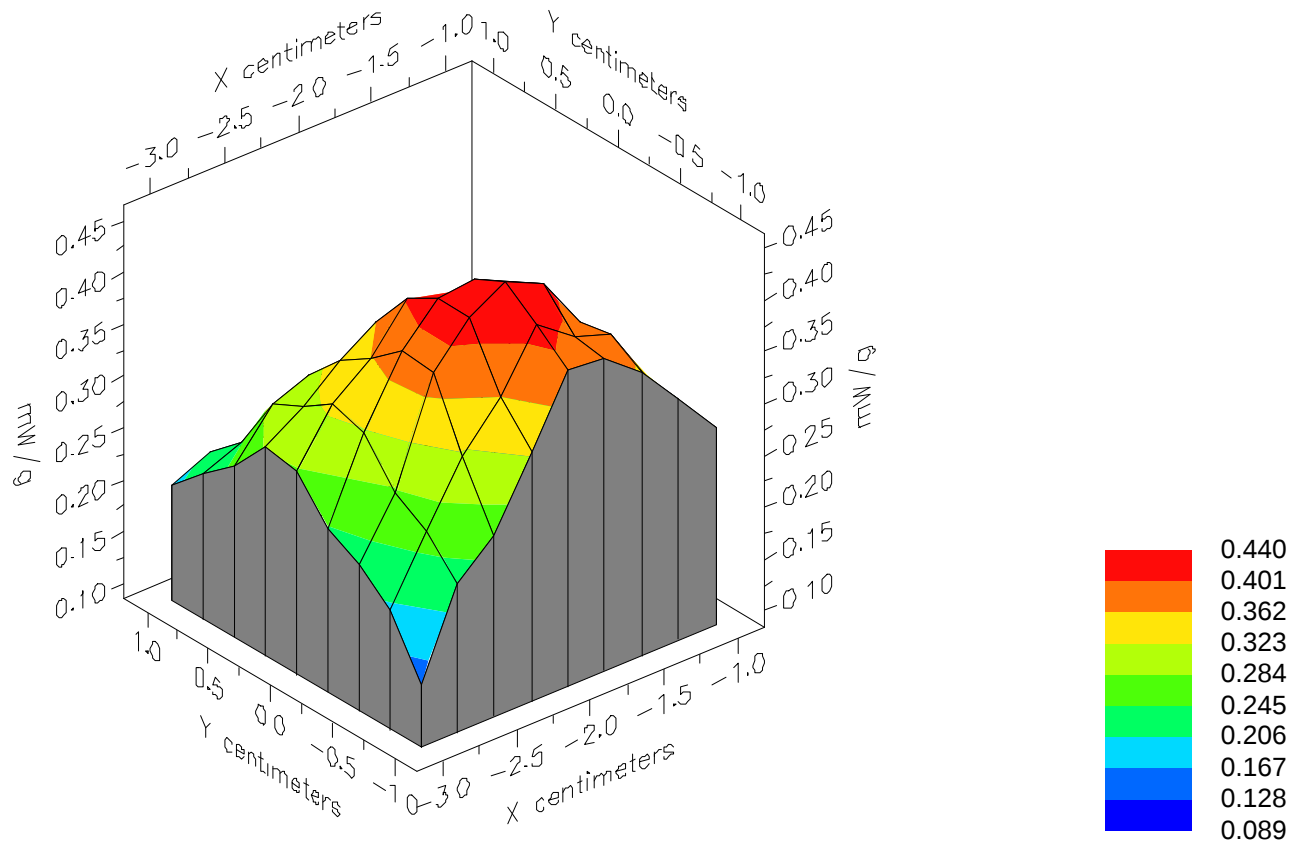
SAR Scan
File : 00051817_ZOOM
Start : 18-May-100 05:27:27 pm End : 18-May-100 05:41:32 pm
SAMSUNG/SPH-N105/B01E00DE;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00051817_ZOOM

Start : 18-May-100 05:27:27 pm End : 18-May-100 05:41:32 pm

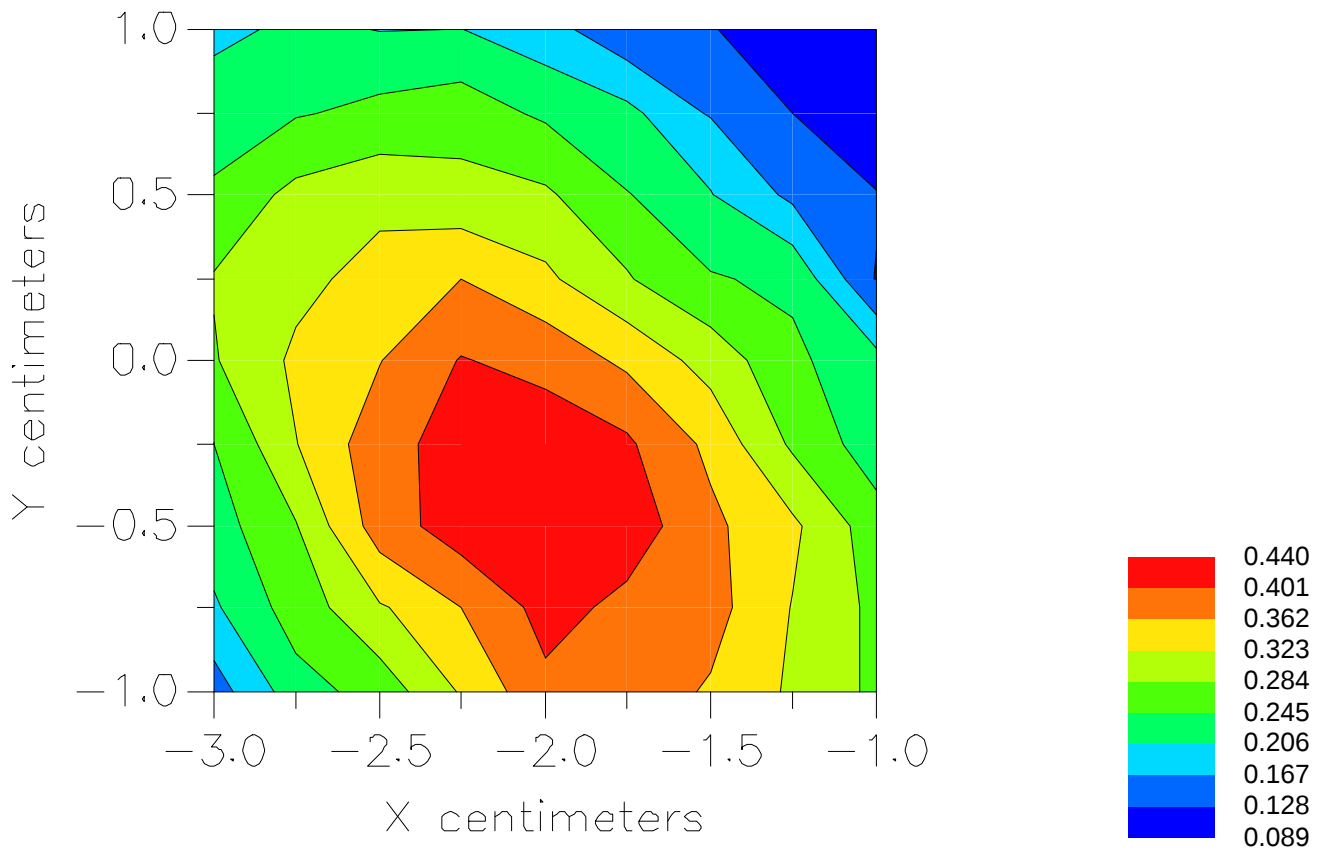
SAMSUNG/SPH-N105/B01E00DE;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00051817_ZOOM

Start : 18-May-100 05:27:27 pm End : 18-May-100 05:41:32 pm

SAMSUNG/SPH-N105/B01E00DE;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/00051818_ZOOM.VLT
Start : 18-May-100 05:42:16 pm End : 18-May-100 05:56:51 pm

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 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 PCS PHONE CDMA MODE
CHAN 0025 24.5 dBm conducted
FCC ID:A3LSPHN105

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 = 0.000, Z = 0.000 (cm) Value = 3.272

Measured Values (volts) =
4.332E-003 3.024E-003 2.205E-003 1.531E-003 1.122E-003 6.148E-004
5.978E-004 4.328E-004 2.829E-004 1.816E-004 9.777E-005 8.974E-005
2.975E-005 3.454E-005 2.644E-005 2.023E-005 5.710E-006 0.000E+000
0.000E+000 9.164E-007 4.286E-005

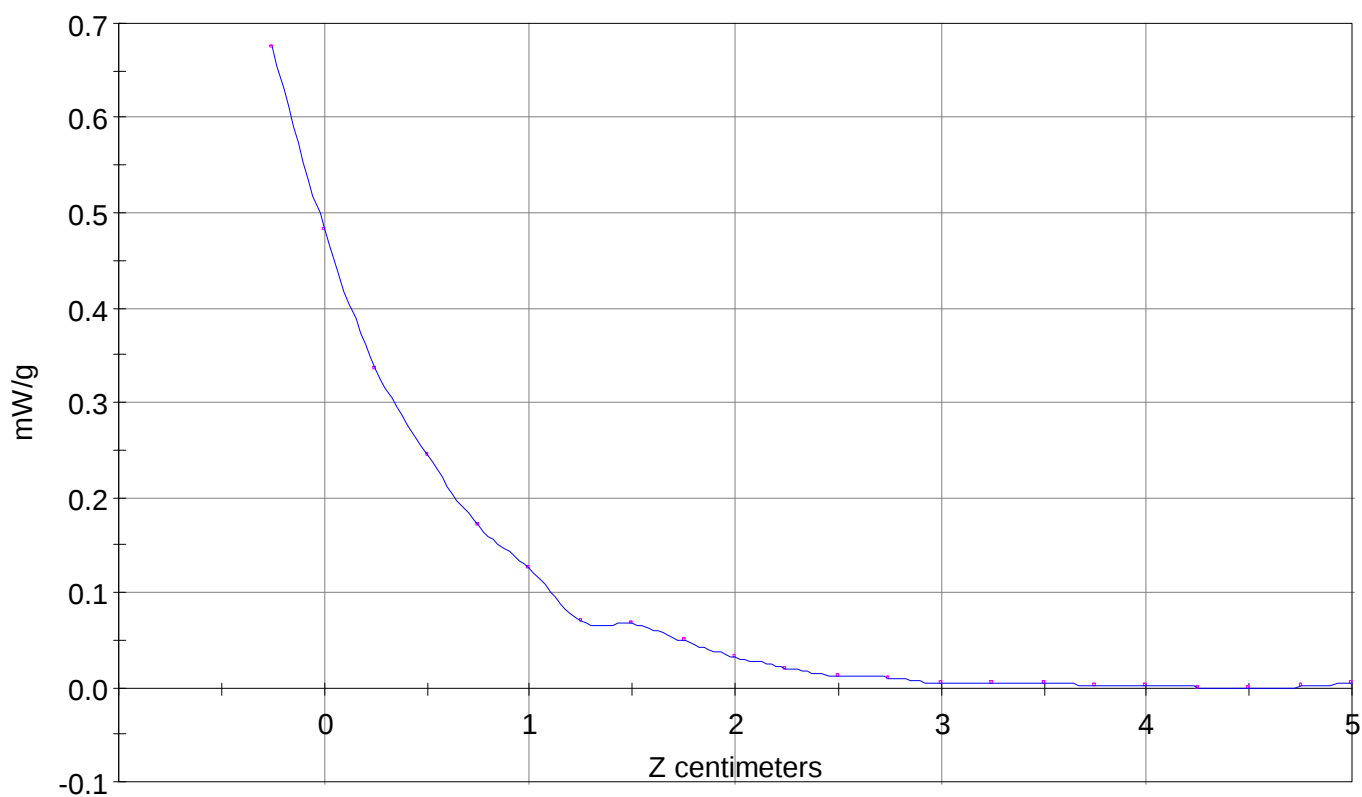
Calc. Voltage @ Surface (Vs) = 0.0061

Voltage @ 1.00 cm (Vt) = 0.0015

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

Ave. SAR over 1 g (mW/g) = 0.4228

SAR Scan
File : 00051818_ZOOM
Start : 18-May-100 05:42:16 pm End : 18-May-100 05:56:51 pm
SAMSUNG/SPH-N105/B01E00DE;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

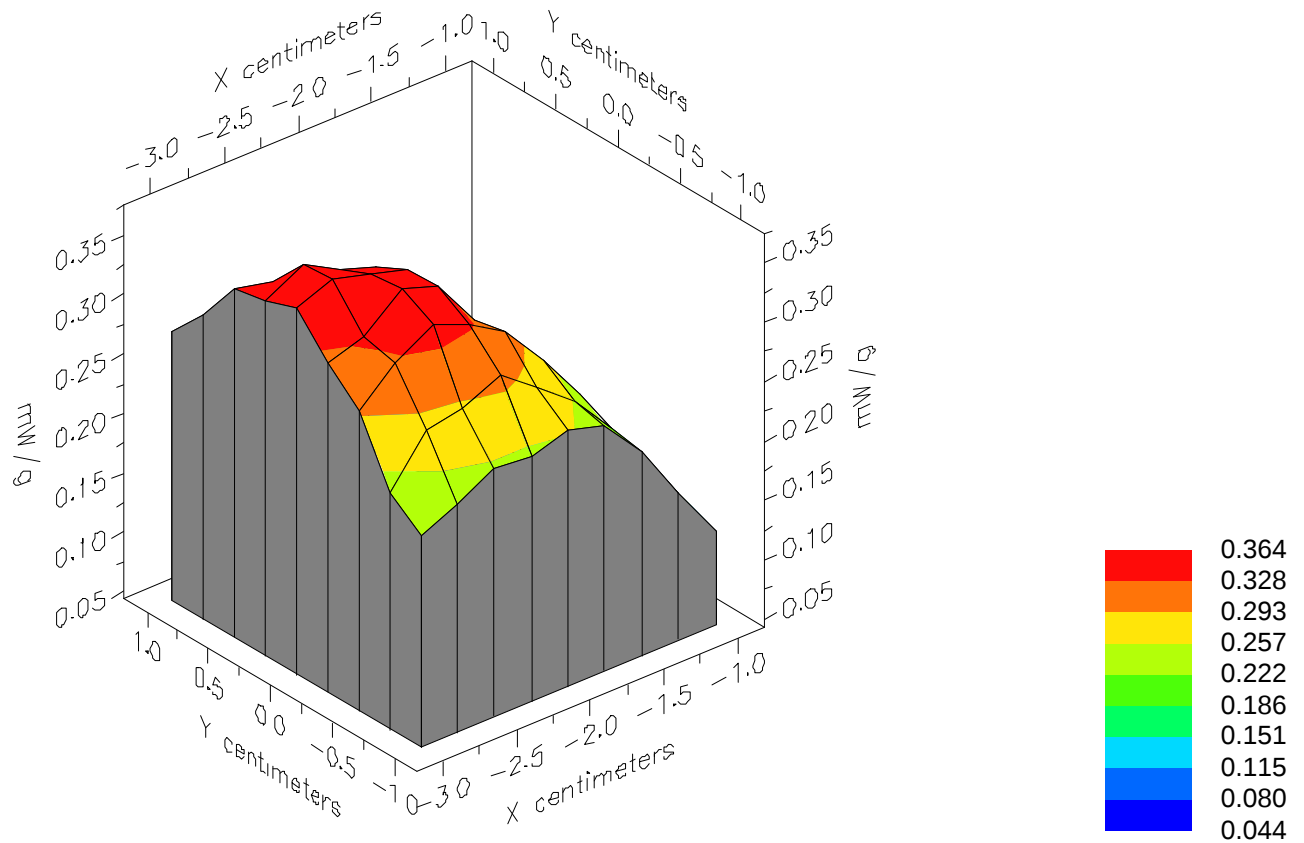


File : 00051818_ZOOM

Start : 18-May-100 05:42:16 pm End : 18-May-100 05:56:51 pm

SAMSUNG/SPH-N105/B01E00DE;1851.25MHz;W;Helical/Out;

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

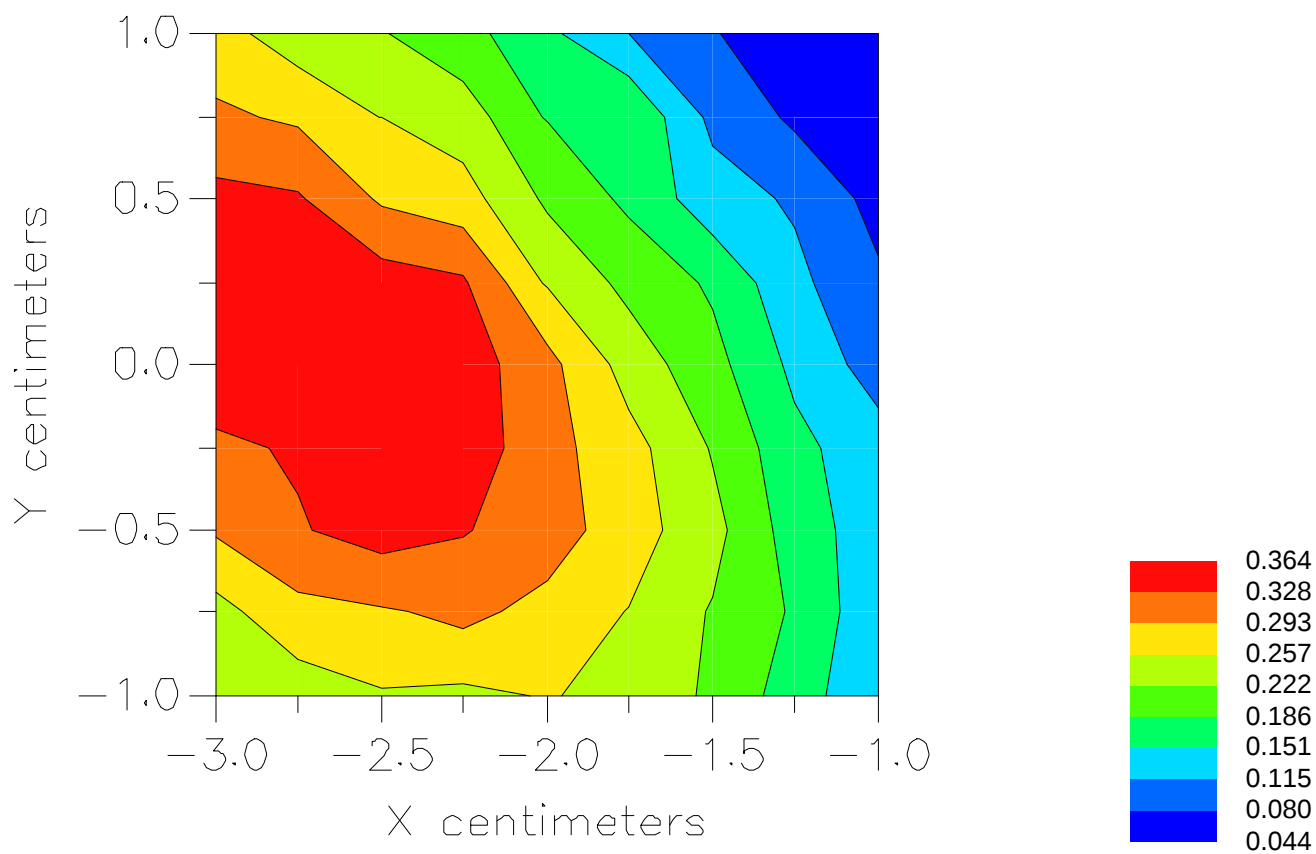


File : 00051818_ZOOM

Start : 18-May-100 05:42:16 pm End : 18-May-100 05:56:51 pm

SAMSUNG/SPH-N105/B01E00DE;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/00052609_ZOOM.VLT
Start : 26-May-100 10:14:28 am End : 26-May-100 10:26:06 am

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG PCS BAND PHONE CDMA MODE
CHAN 0025 24.5 dBm conducted body SAR
FCC ID:A3LSPHN105

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 = -2.500, Y = -2.000, Z = 0.000 (cm) Value = 7.485

Measured Values (volts) =
7.011E-003 5.163E-003 3.760E-003 2.649E-003 1.984E-003 1.585E-003
1.138E-003 8.048E-004 5.874E-004 4.496E-004 3.840E-004 2.679E-004
1.732E-004 1.328E-004 1.107E-004 1.211E-004 1.244E-004 5.096E-005
6.633E-005 7.236E-005 7.208E-005

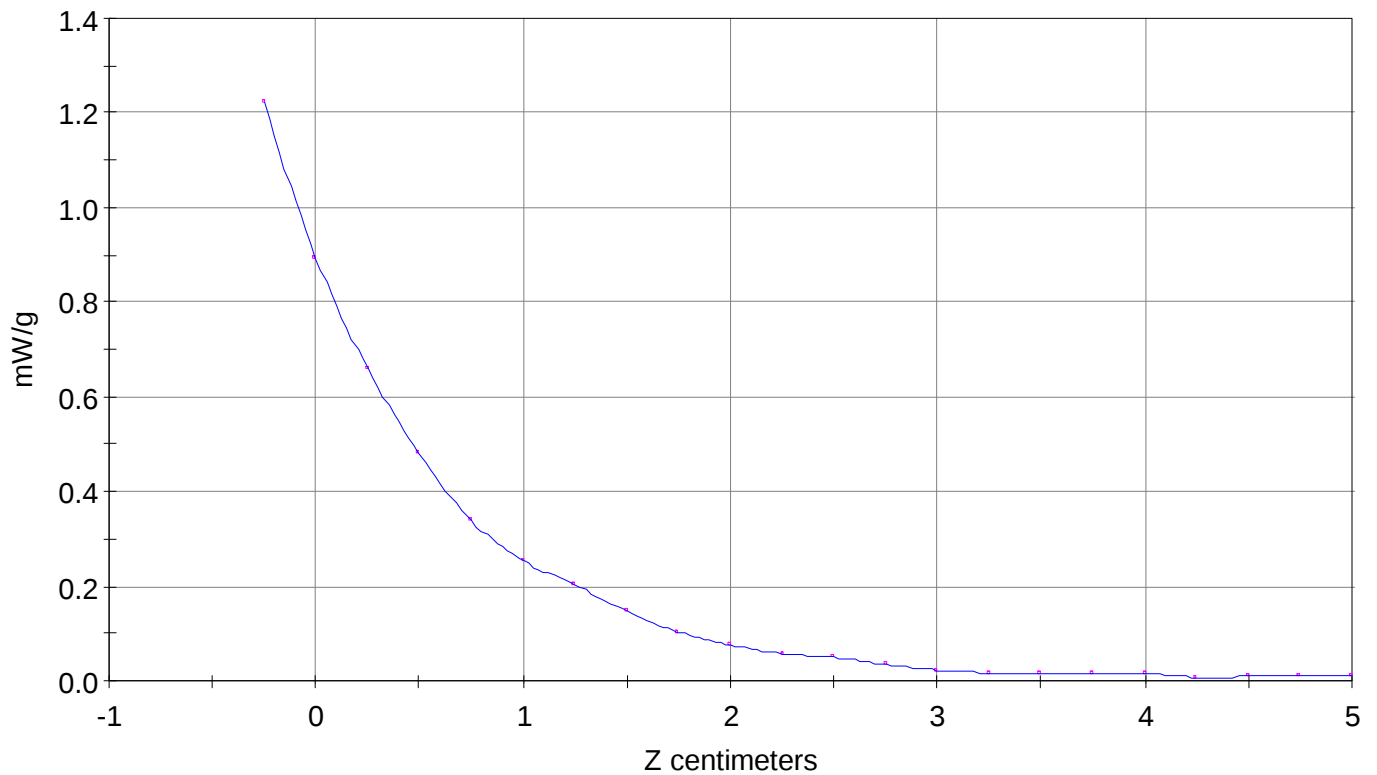
Calc. Voltage @ Surface (Vs) = 0.0096

Voltage @ 1.00 cm (Vt) = 0.0026

Ave. Voltage (Vs+Vt)/2 = 0.0061

Ave. SAR over 1 g (mW/g) = 0.7798

SAR Scan
File : 00052609_ZOOM
Start : 26-May-100 10:14:28 am End : 26-May-100 10:26:06 am
SAMSUNG/SPH-N105/B01E00DE;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

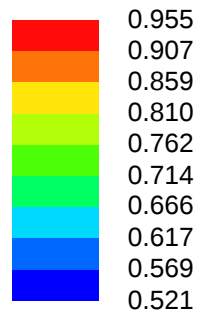
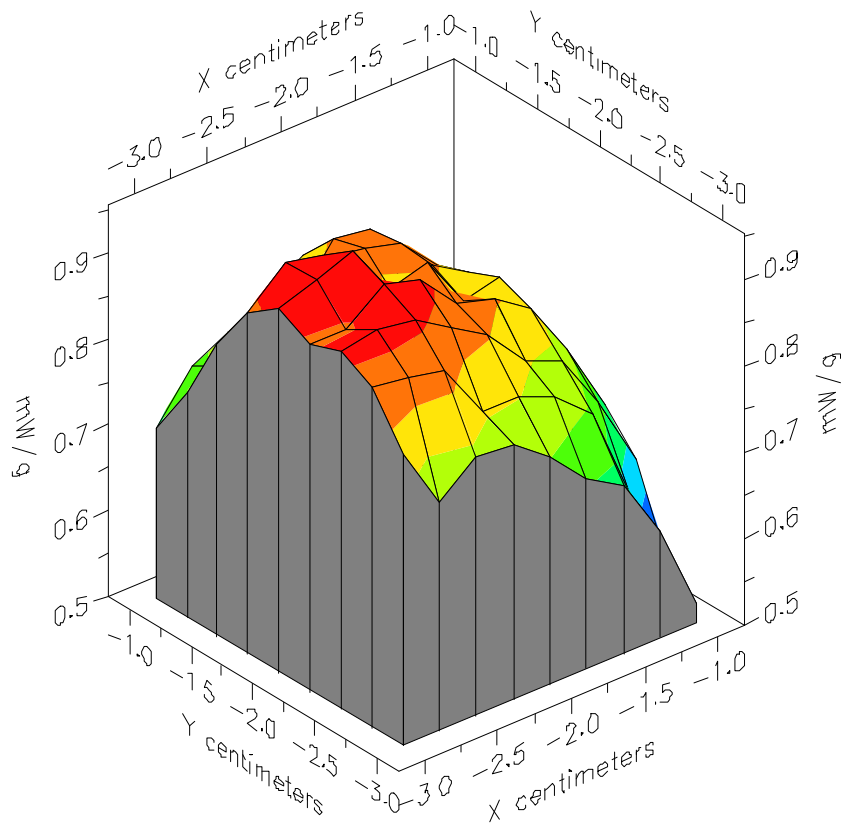


File : 00052609_ZOOM

Start : 26-May-100 10:14:28 am End : 26-May-100 10:26:06 am

SAMSUNG/SPH-N105/B01E00DE;1851.25MHz;W;Helical/In;

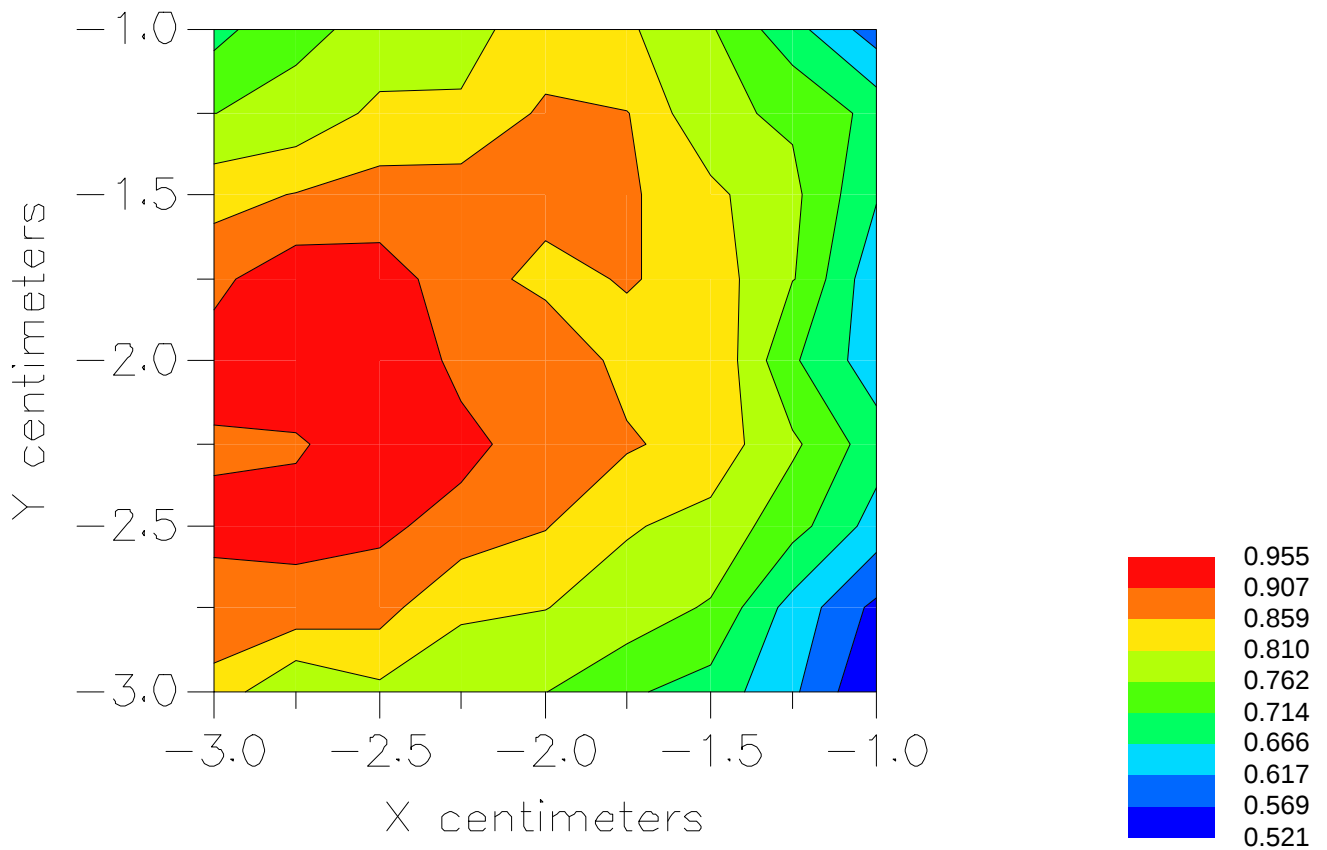
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00052609_ZOOM

Start : 26-May-100 10:14:28 am End : 26-May-100 10:26:06 am

SAMSUNG/SPH-N105/B01E00DE;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/00052610_ZOOM.VLT
Start : 26-May-100 10:27:12 am End : 26-May-100 10:38:52 am

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1880 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG PCS BAND PHONE CDMA MODE
CHAN 0600 24.5 dBm conducted body SAR
FCC ID:A3LSPHN105

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 = -2.500, Y = -1.750, Z = 0.000 (cm) Value = 7.061

Measured Values (volts) =
6.550E-003 4.576E-003 3.358E-003 2.897E-003 1.886E-003 1.443E-003
1.089E-003 8.194E-004 5.721E-004 4.748E-004 4.271E-004 2.082E-004
1.332E-004 1.213E-004 1.167E-004 8.706E-005 5.208E-005 2.948E-004
9.555E-006 3.644E-005 3.547E-005

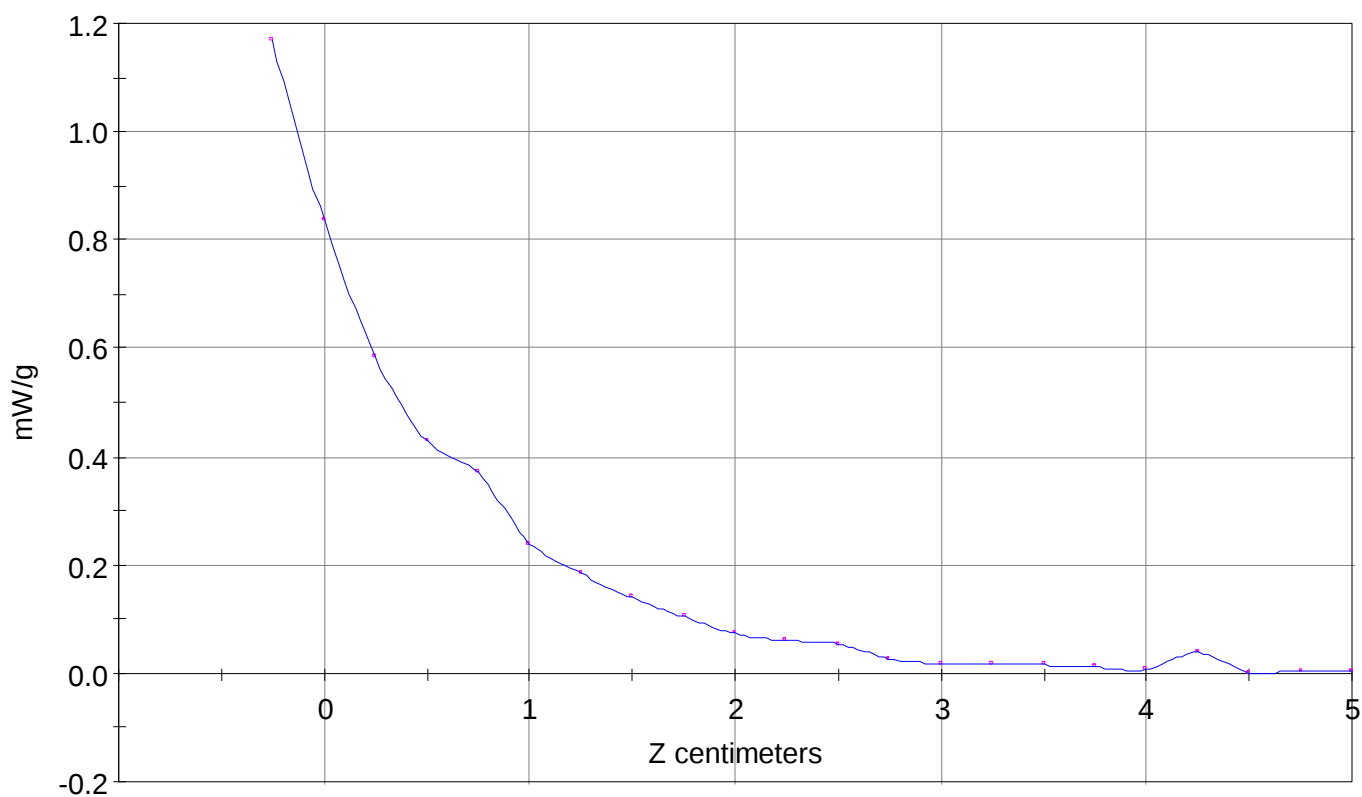
Calc. Voltage @ Surface (Vs) = 0.0092

Voltage @ 1.00 cm (Vt) = 0.0029

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

Ave. SAR over 1 g (mW/g) = 0.7686

SAR Scan
File : 00052610_ZOOM
Start : 26-May-100 10:27:12 am End : 26-May-100 10:38:52 am
SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

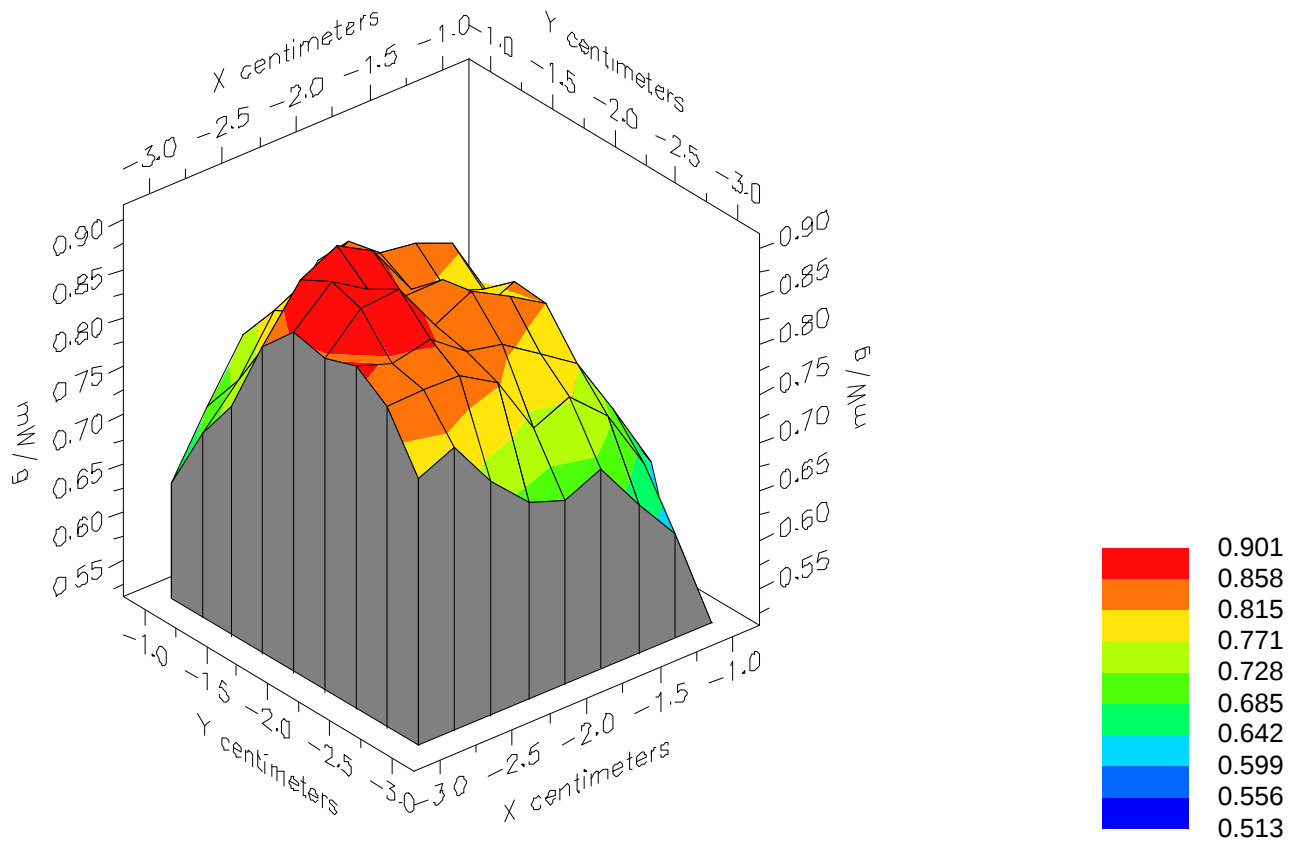


File : 00052610_ZOOM

Start : 26-May-100 10:27:12 am End : 26-May-100 10:38:52 am

SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/In;

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

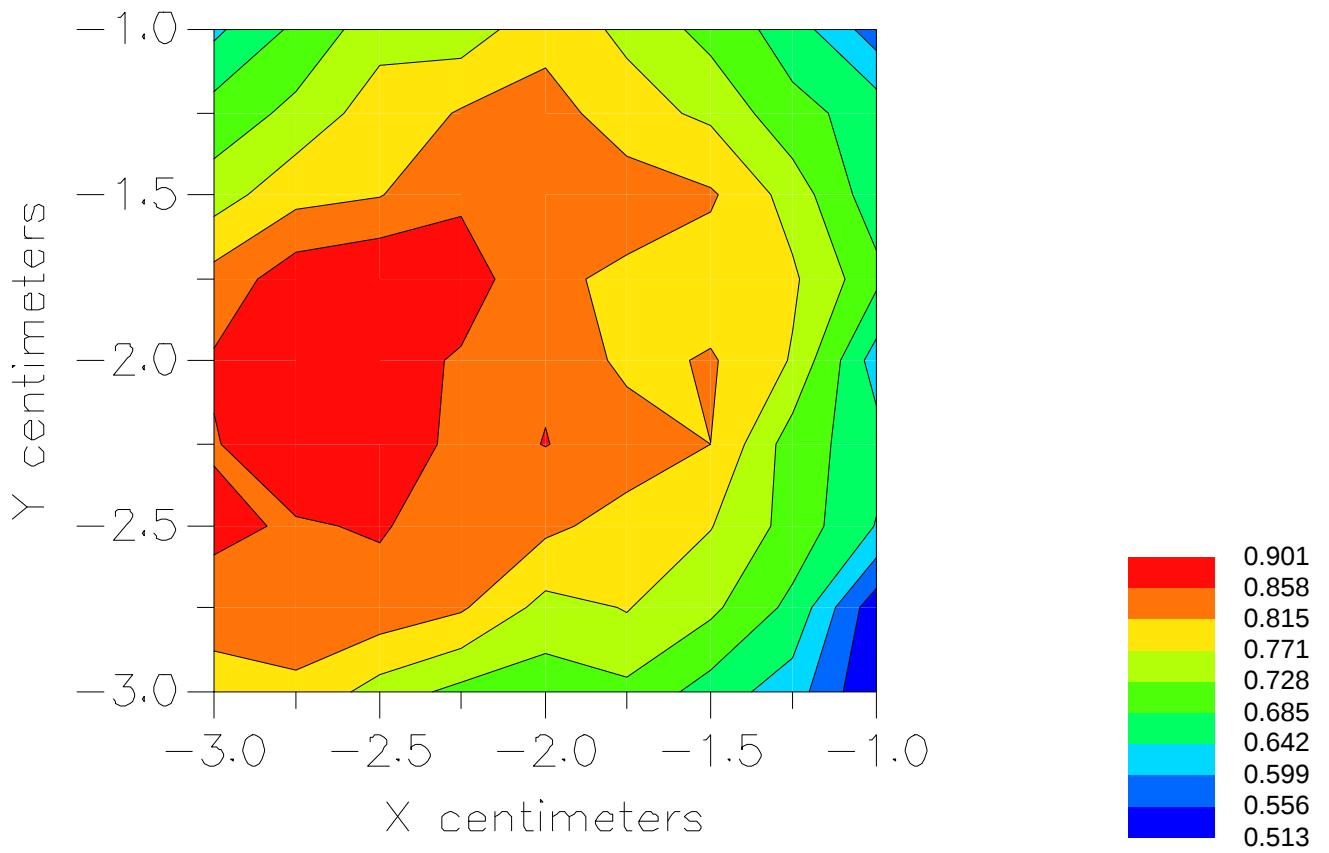


File : 00052610_ZOOM

Start : 26-May-100 10:27:12 am End : 26-May-100 10:38:52 am

SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00052611_ZOOM.VLT
Start : 26-May-100 10:39:44 am End : 26-May-100 10:51:29 am

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG PCS BAND PHONE CDMA MODE
CHAN 1175 24.5 dBm conducted body SAR
FCC ID:A3LSPHN105

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 = -2.500, Y = -2.000, Z = 0.000 (cm) Value = 6.959

Measured Values (volts) =
6.855E-003 4.921E-003 3.506E-003 2.574E-003 1.903E-003 1.517E-003
1.079E-003 8.129E-004 5.762E-004 4.513E-004 3.395E-004 2.678E-004
1.144E-004 9.802E-005 1.047E-004 7.232E-005 5.904E-005 4.157E-005
3.825E-005 4.088E-005 2.919E-005

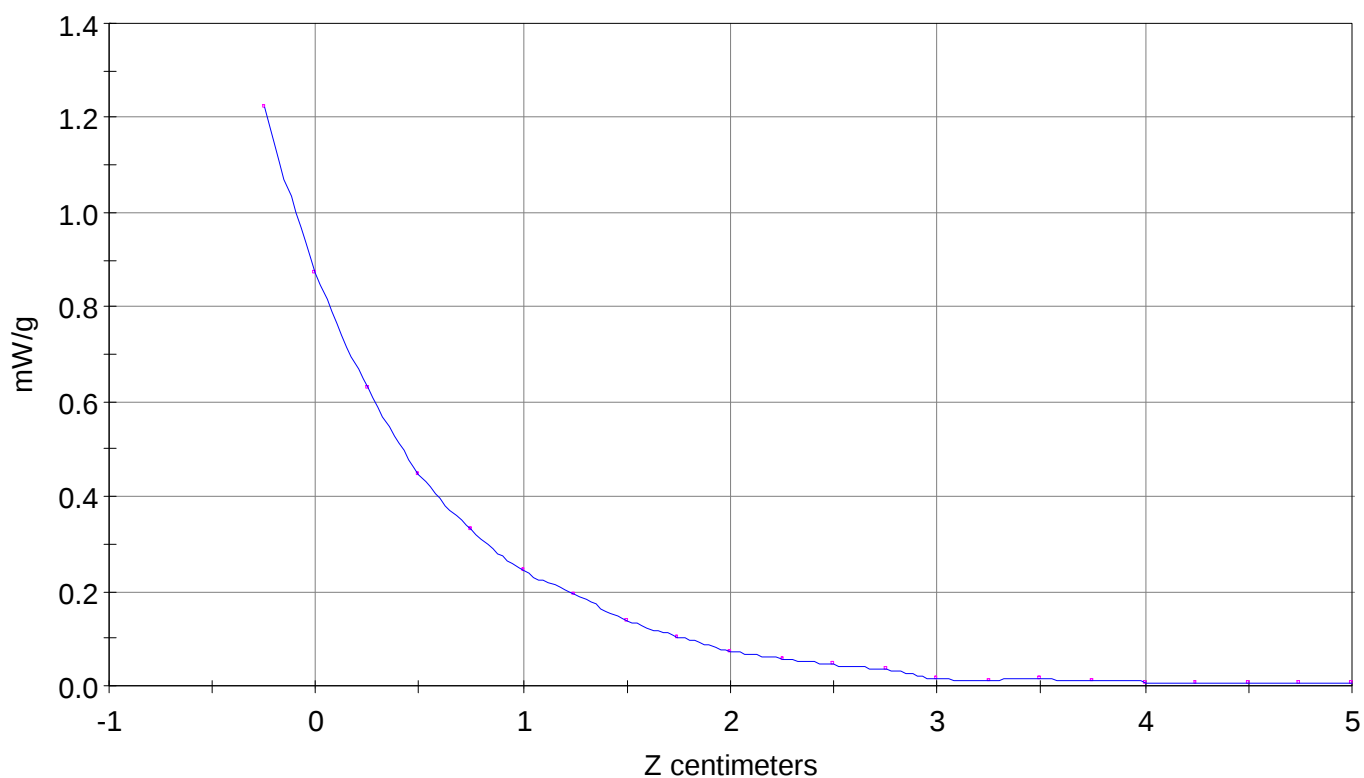
Calc. Voltage @ Surface (Vs) = 0.0096

Voltage @ 1.00 cm (Vt) = 0.0026

Ave. Voltage (Vs+Vt)/2 = 0.0061

Ave. SAR over 1 g (mW/g) = 0.7757

SAR Scan
File : 00052611_ZOOM
Start : 26-May-100 10:39:44 am End : 26-May-100 10:51:29 am
SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

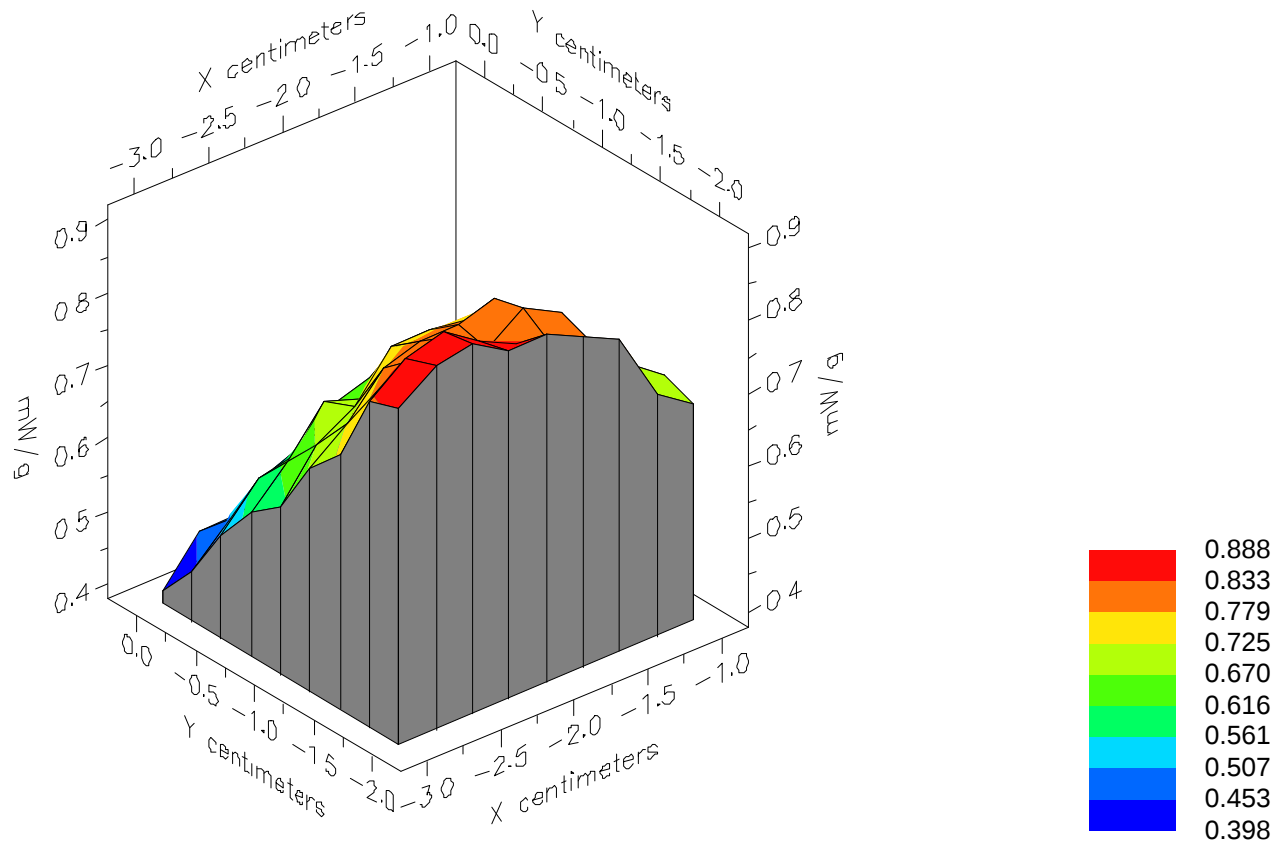


File : 00052611_ZOOM

Start : 26-May-100 10:39:44 am End : 26-May-100 10:51:29 am

SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/In;

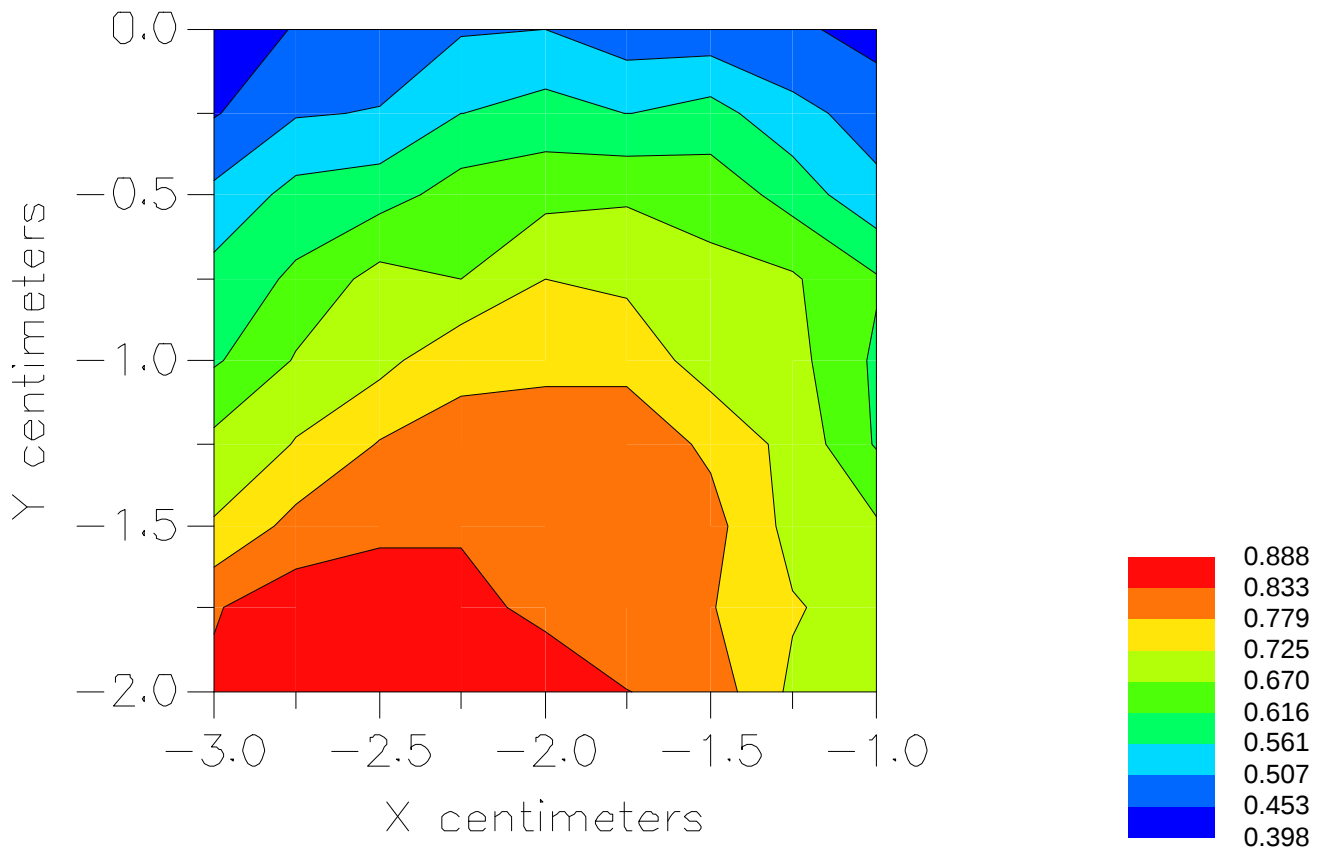
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00052611_ZOOM

Start : 26-May-100 10:39:44 am End : 26-May-100 10:51:29 am

SAMSUNG/SPH-N105/B01E00DE;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/00052612_ZOOM.VLT
Start : 26-May-100 11:08:20 am End : 26-May-100 11:20:00 am

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1880 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG PCS BAND PHONE CDMA MODE
CHAN 0600 24.5 dBm conducted body SAR
FCC ID:A3LSPHN105

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 = -1.250, Z = 0.000 (cm) Value = 10.019

Measured Values (volts) =
9.551E-003 6.833E-003 4.847E-003 3.579E-003 2.655E-003 2.014E-003
1.515E-003 1.146E-003 8.350E-004 6.191E-004 5.020E-004 4.207E-004
2.712E-004 2.103E-004 1.363E-004 5.701E-005 8.741E-005 9.009E-005
4.566E-005 3.174E-005 4.371E-006

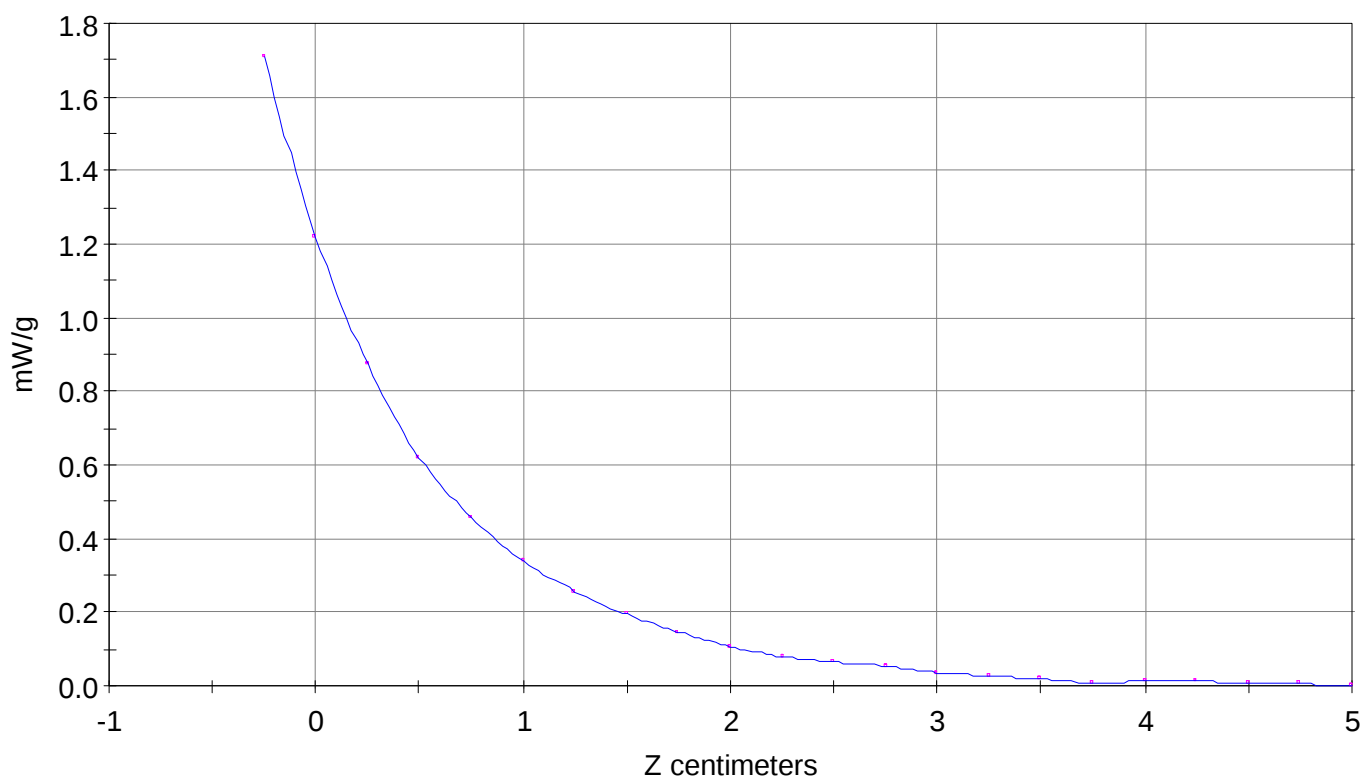
Calc. Voltage @ Surface (Vs) = 0.0134

Voltage @ 1.00 cm (Vt) = 0.0036

Ave. Voltage (Vs+Vt)/2 = 0.0085

Ave. SAR over 1 g (mW/g) = 1.0837

SAR Scan
File : 00052612_ZOOM
Start : 26-May-100 11:08:20 am End : 26-May-100 11:20:00 am
SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

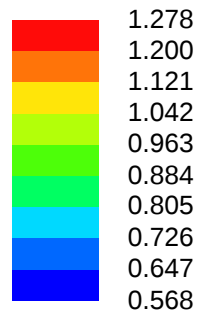
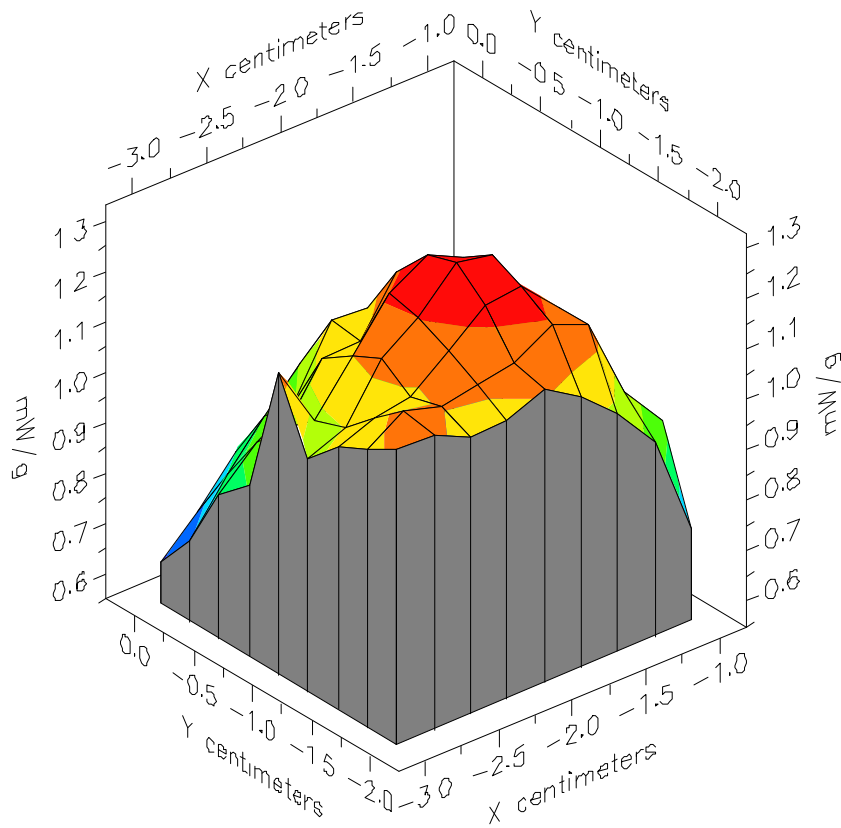


File : 00052612_ZOOM

Start : 26-May-100 11:08:20 am End : 26-May-100 11:20:00 am

SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/Out;

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

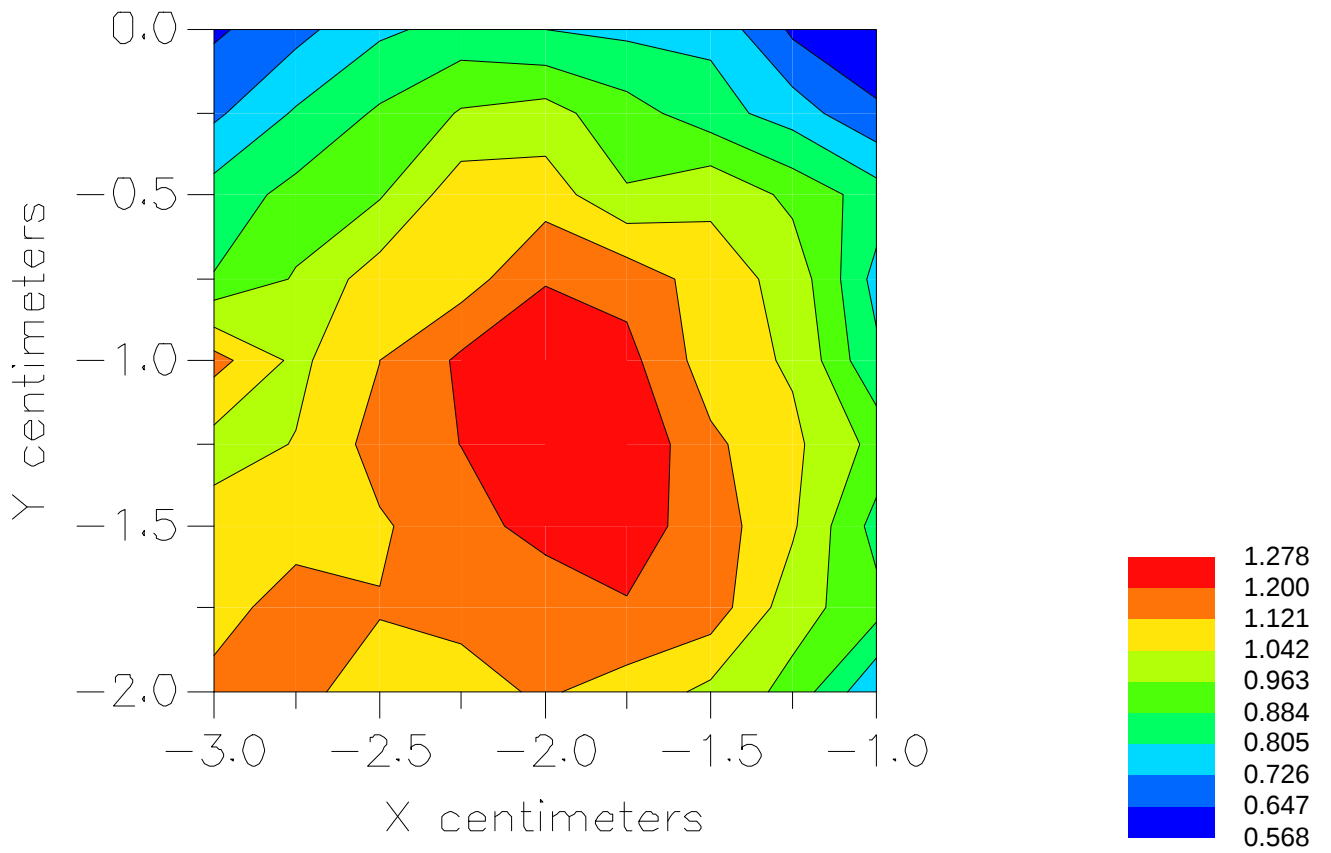


File : 00052612_ZOOM

Start : 26-May-100 11:08:20 am End : 26-May-100 11:20:00 am

SAMSUNG/SPH-N105/B01E00DE;1880MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00052613_ZOOM.VLT
Start : 26-May-100 11:28:57 am End : 26-May-100 11:40:45 am

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG PCS BAND PHONE CDMA MODE
CHAN 0025 24.5 dBm conducted body SAR
FCC ID:A3LSPHN105

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 = -2.500, Y = -1.750, Z = 0.000 (cm) Value = 10.097

Measured Values (volts) =
8.082E-003 5.539E-003 3.934E-003 2.990E-003 2.247E-003 1.743E-003
1.331E-003 1.006E-003 7.443E-004 5.511E-004 4.607E-004 2.981E-004
2.378E-004 1.625E-004 1.282E-004 1.340E-004 4.948E-005 5.102E-005
2.404E-005 4.780E-005 4.031E-005

Calc. Voltage @ Surface (Vs) = 0.0116

Voltage @ 1.00 cm (Vt) = 0.0030

Ave. Voltage (Vs+Vt)/2 = 0.0073

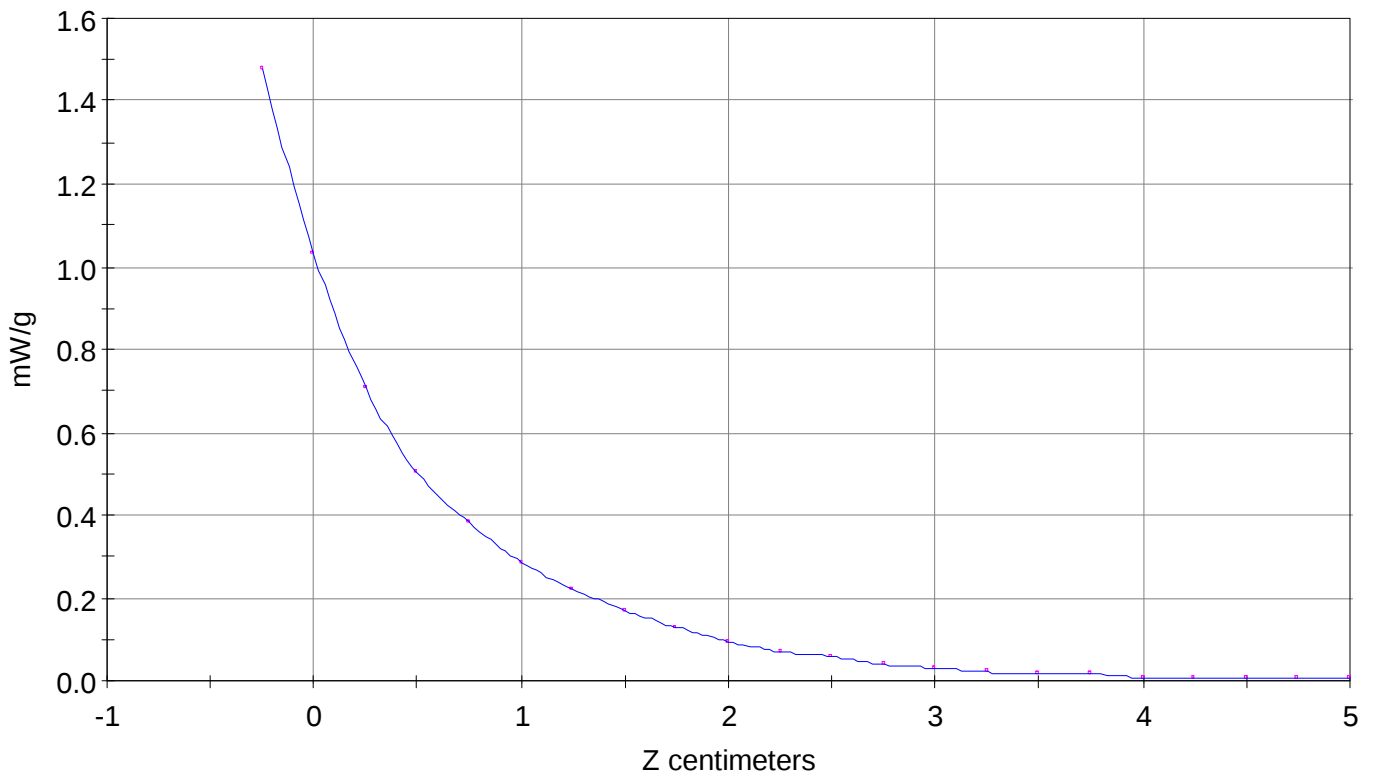
Ave. SAR over 1 g (mW/g) = 0.9295

SAR Scan

File : 00052613_ZOOM

Start : 26-May-100 11:28:57 am End : 26-May-100 11:40:45 am

SAMSUNG/SPH-N105/B01E00DE;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

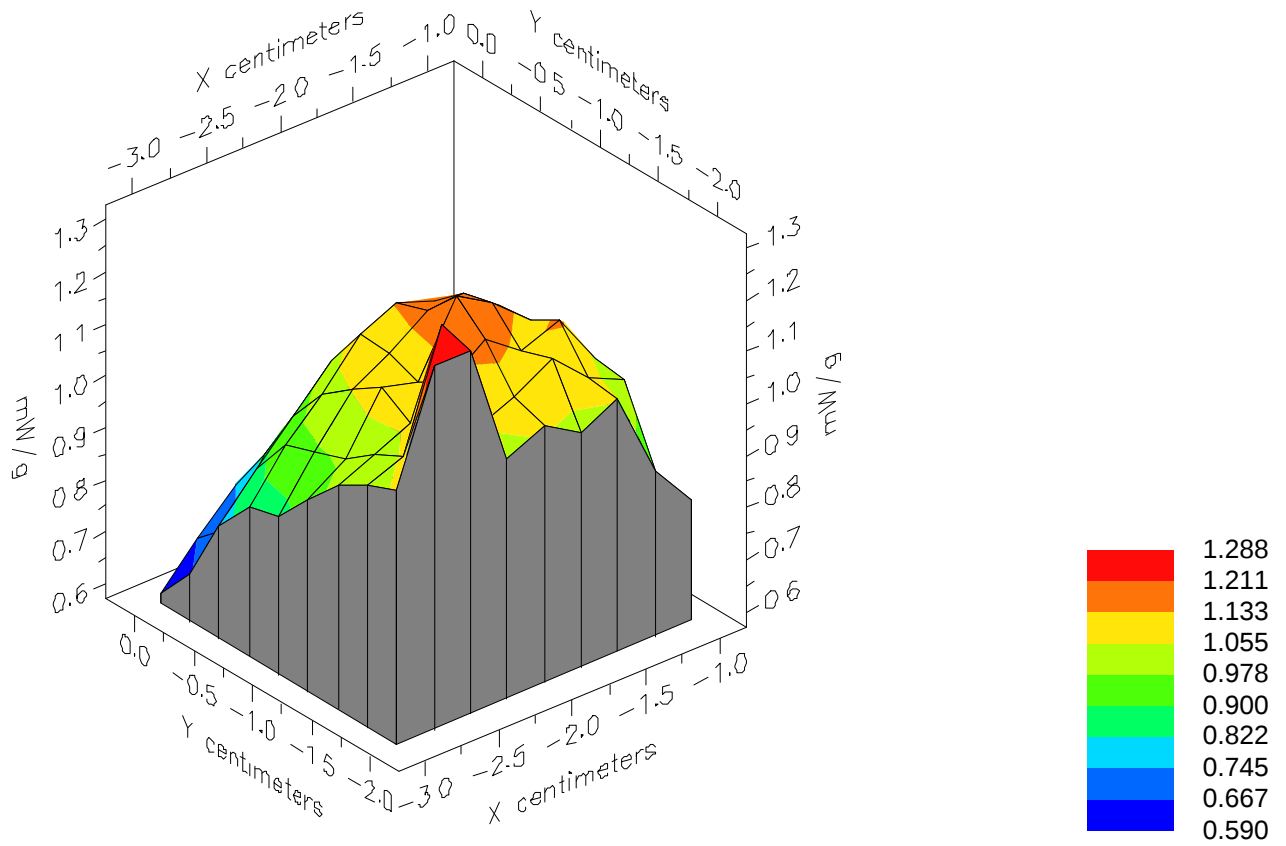


File : 00052613_ZOOM

Start : 26-May-100 11:28:57 am End : 26-May-100 11:40:45 am

SAMSUNG/SPH-N105/B01E00DE;1851.25MHz;W;Helical/Out;

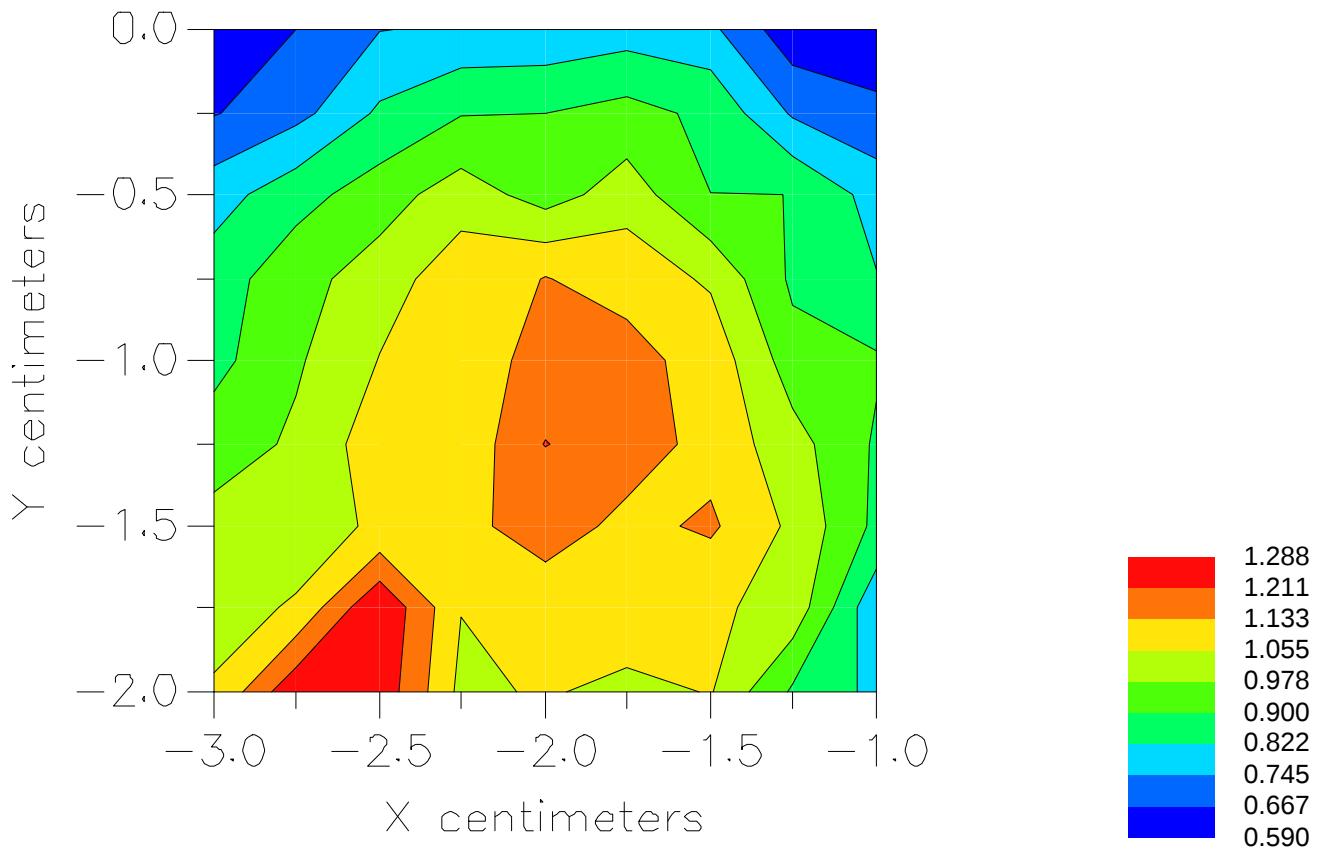
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00052613_ZOOM

Start : 26-May-100 11:28:57 am End : 26-May-100 11:40:45 am

SAMSUNG/SPH-N105/B01E00DE;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/00052616_ZOOM.VLT
Start : 26-May-100 12:08:07 pm End : 26-May-100 12:19:28 pm

Radio Type : SAMSUNG
Model Number : SPH-N105
Serial Number : B01E00DE
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.285 W
Start Trans. Pwr: 0.285 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG PCS BAND PHONE CDMA MODE
CHAN 1175 24.5 dBm conducted body SAR
FCC ID:A3LSPHN105

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 = -2.750, Z = 0.000 (cm) Value = 7.810

Measured Values (volts) =
7.383E-003 5.280E-003 3.473E-003 2.597E-003 1.914E-003 1.399E-003
1.050E-003 8.018E-004 5.656E-004 4.302E-004 3.634E-004 1.877E-004
1.385E-004 9.533E-005 1.005E-004 8.121E-005 6.641E-005 2.820E-006
3.096E-005 3.759E-005 7.122E-005

Calc. Voltage @ Surface (Vs) = 0.0108

Voltage @ 1.00 cm (Vt) = 0.0026

Ave. Voltage (Vs+Vt)/2 = 0.0067

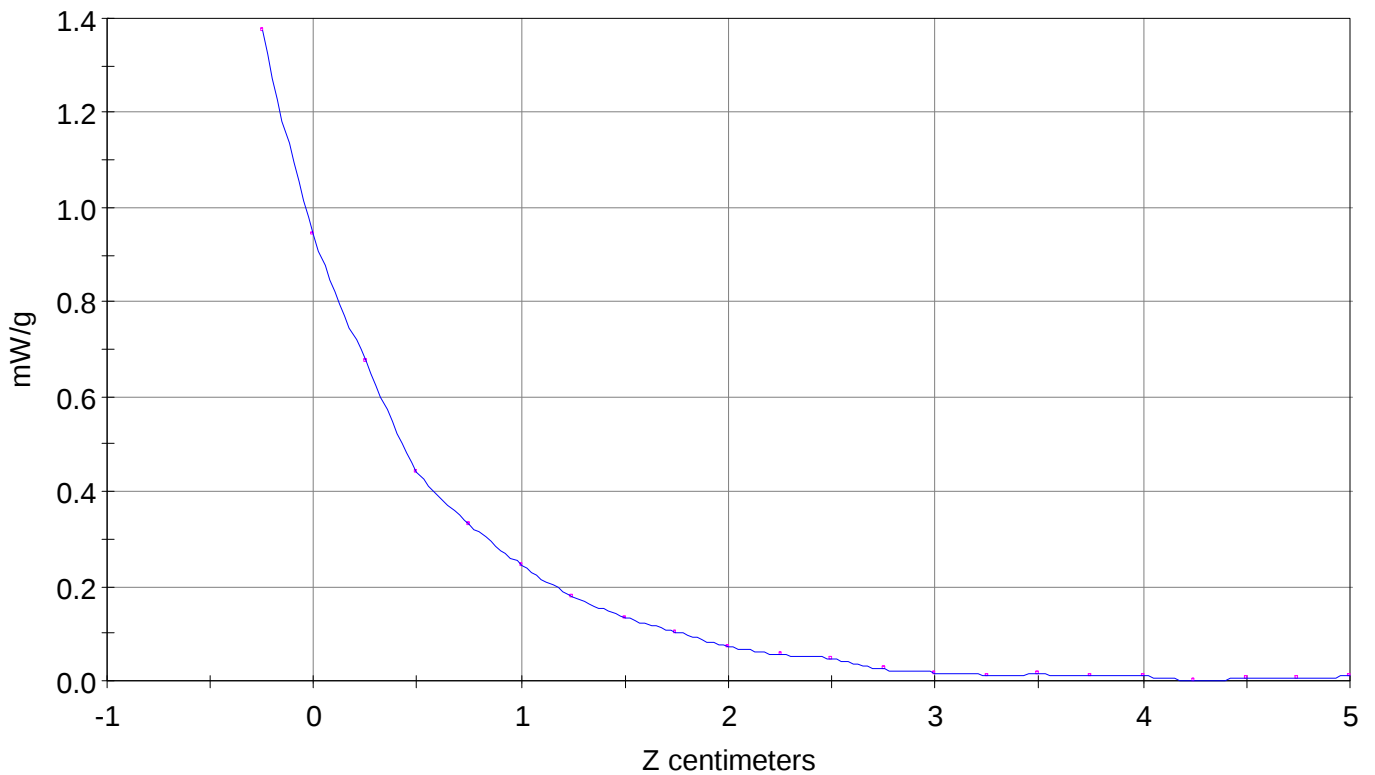
Ave. SAR over 1 g (mW/g) = 0.8530

SAR Scan

File : 00052616_ZOOM

Start : 26-May-100 12:08:07 pm End : 26-May-100 12:19:28 pm

SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

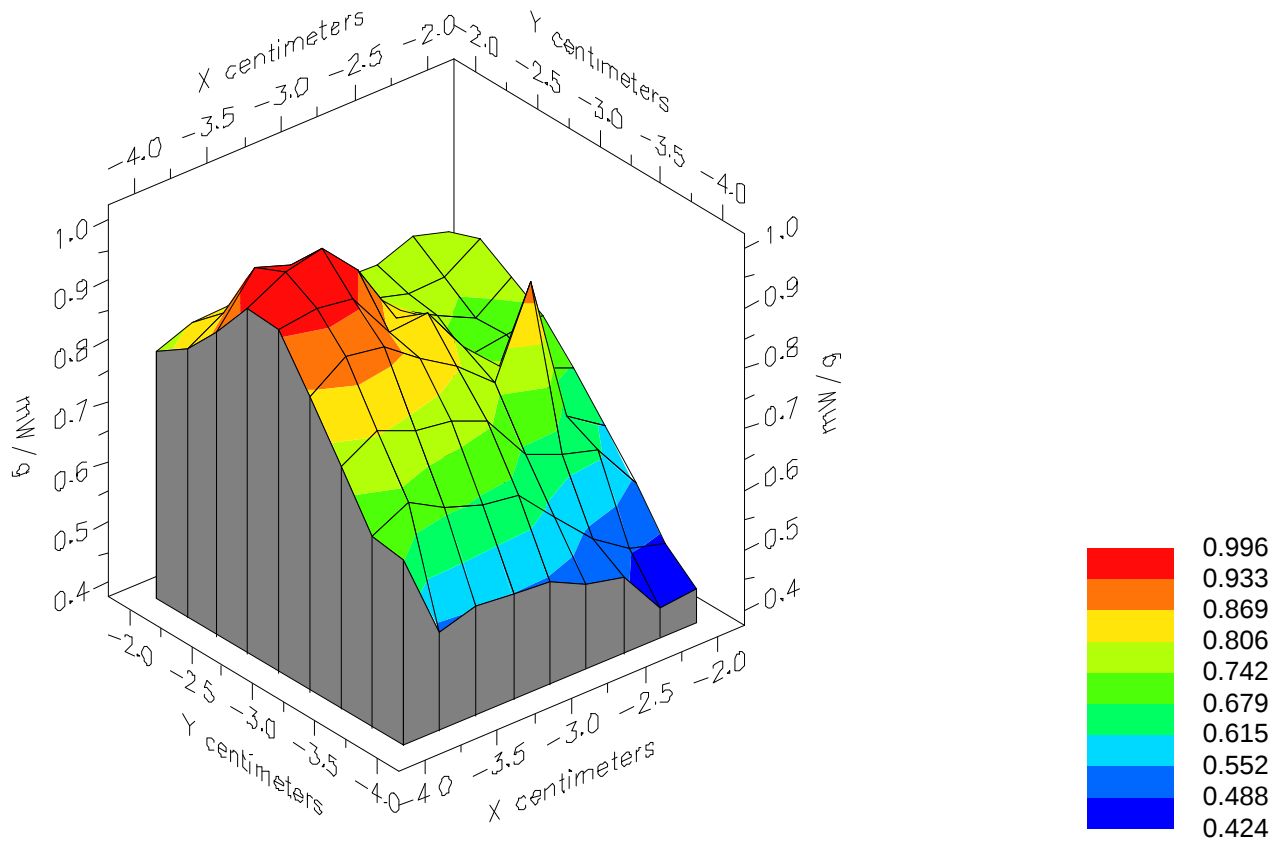


File : 00052616_ZOOM

Start : 26-May-100 12:08:07 pm End : 26-May-100 12:19:28 pm

SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/Out;

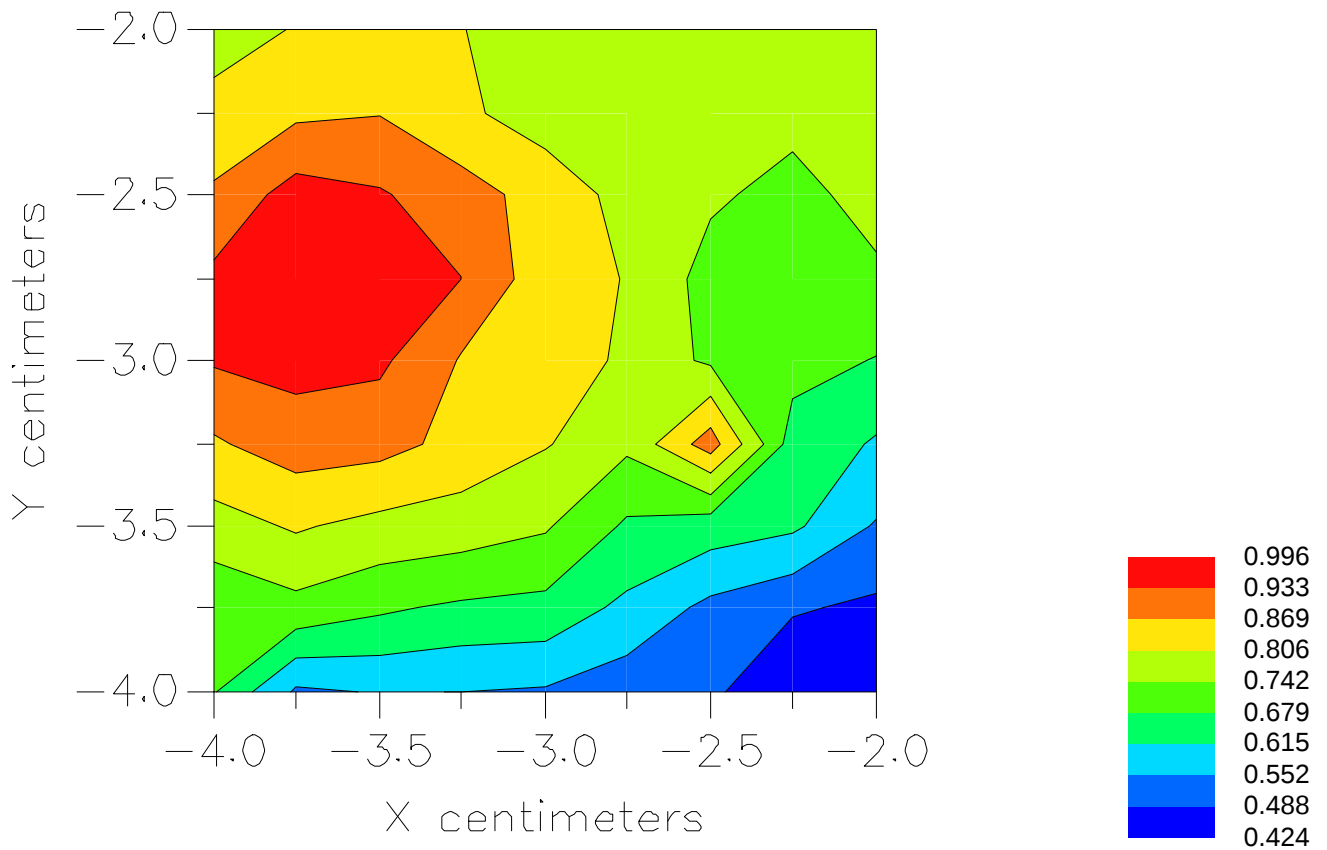
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00052616_ZOOM

Start : 26-May-100 12:08:07 pm End : 26-May-100 12:19:28 pm

SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00052616_AREA

Start : 26-May-100 11:59:20 am End : 26-May-100 12:08:07 pm

SAMSUNG/SPH-N105/B01E00DE;1908.75MHz;W;Helical/Out;

Body/Abdomen;AREA;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

