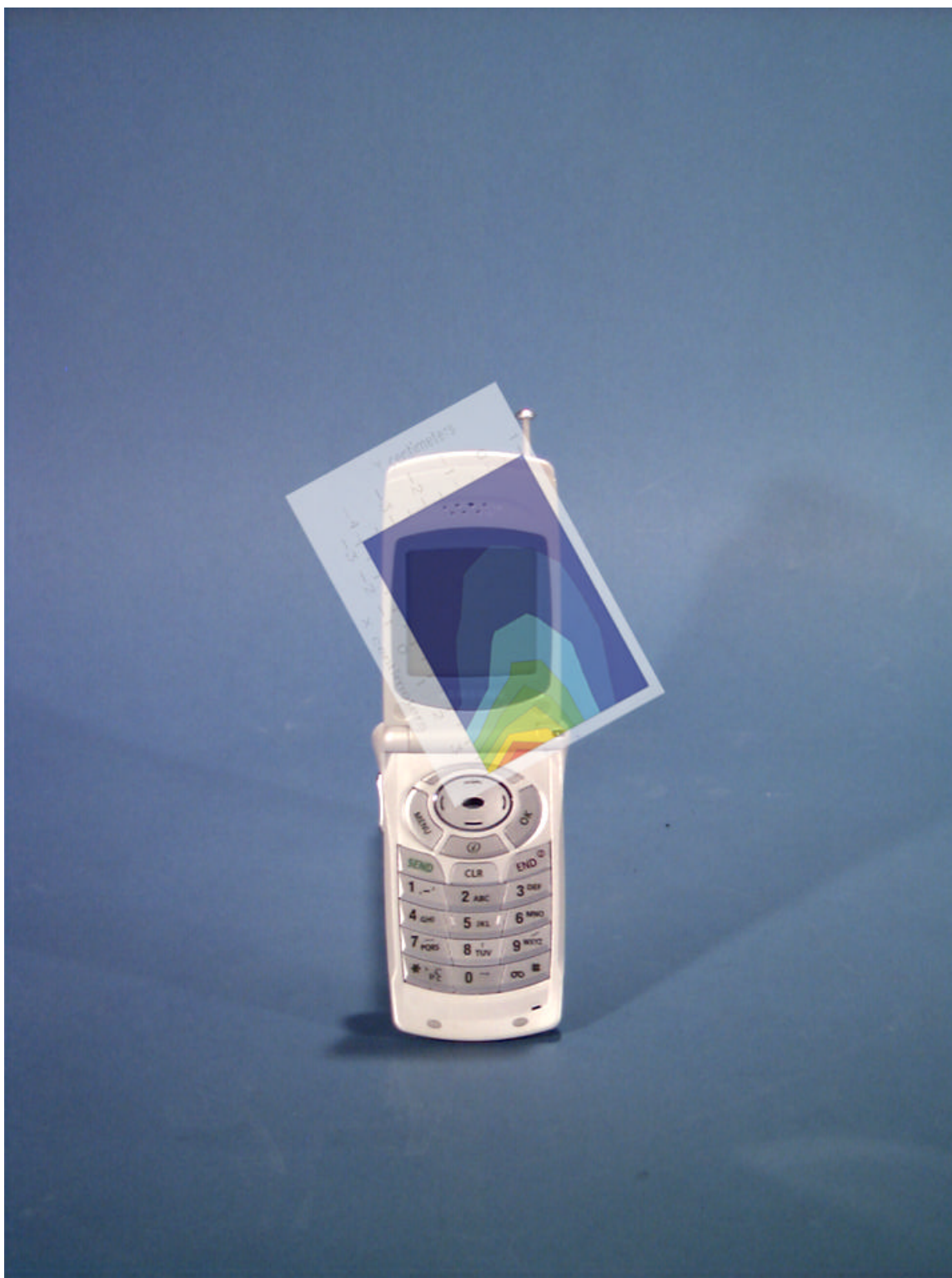


ATTACHMENT O – SAR TEST DATA

Peak SAR Location

Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01080920_ZOOM.VLT
Start : 9-Aug-101 04:45:19 pm End : 9-Aug-101 04:55:08 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity = 0.900

Comment :
SAMSUNG CDMA-MODE PHONE - AMPS MODE
CH 1013 Conducted 25.0 dBm
SAMSUNG CDMA-MODE 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 = 3.250, Y = -2.750, Z = 0.000 (cm) Value = 15.836

Measured Values (volts) =
1.415E-002 9.451E-003 7.826E-003 6.766E-003 5.958E-003 5.307E-003
4.870E-003 4.498E-003 4.106E-003 3.725E-003 3.280E-003 2.797E-003
2.143E-003 1.752E-003 1.347E-003 1.202E-003 1.097E-003 1.177E-003
1.283E-003 1.408E-003 1.506E-003

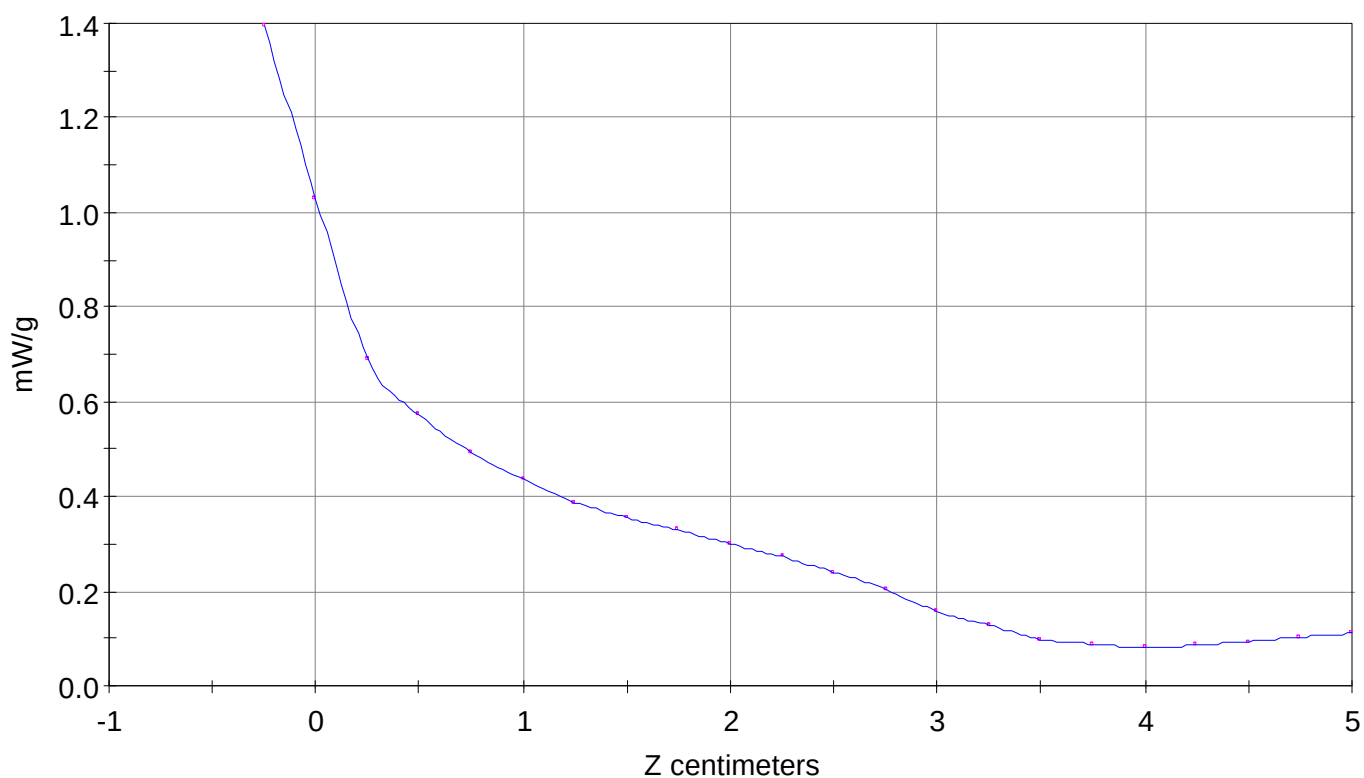
Calc. Voltage @ Surface (Vs) = 0.0191

Voltage @ 1.00 cm (Vt) = 0.0068

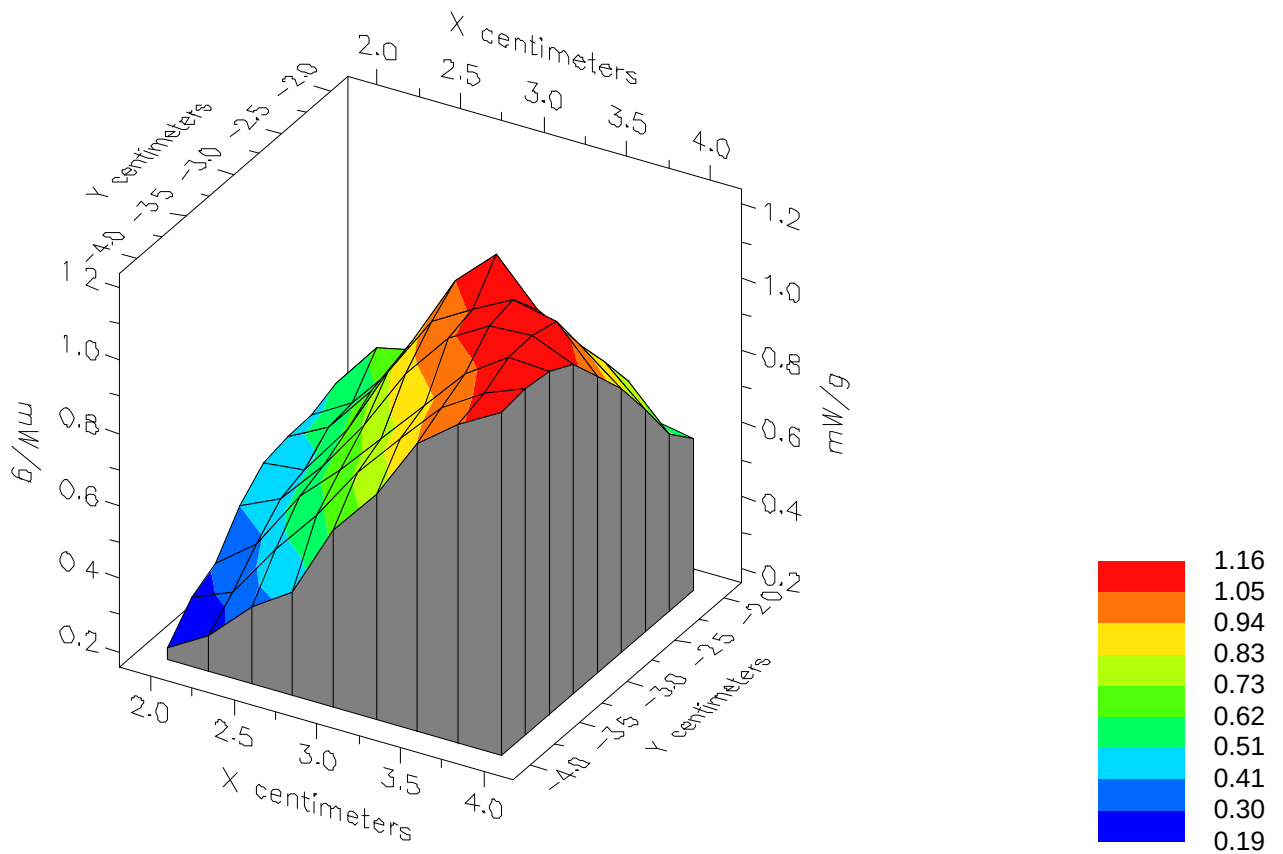
Ave. Voltage (Vs+Vt)/2 = 0.0129

Ave. SAR over 1 g (mW/g) = 0.9446

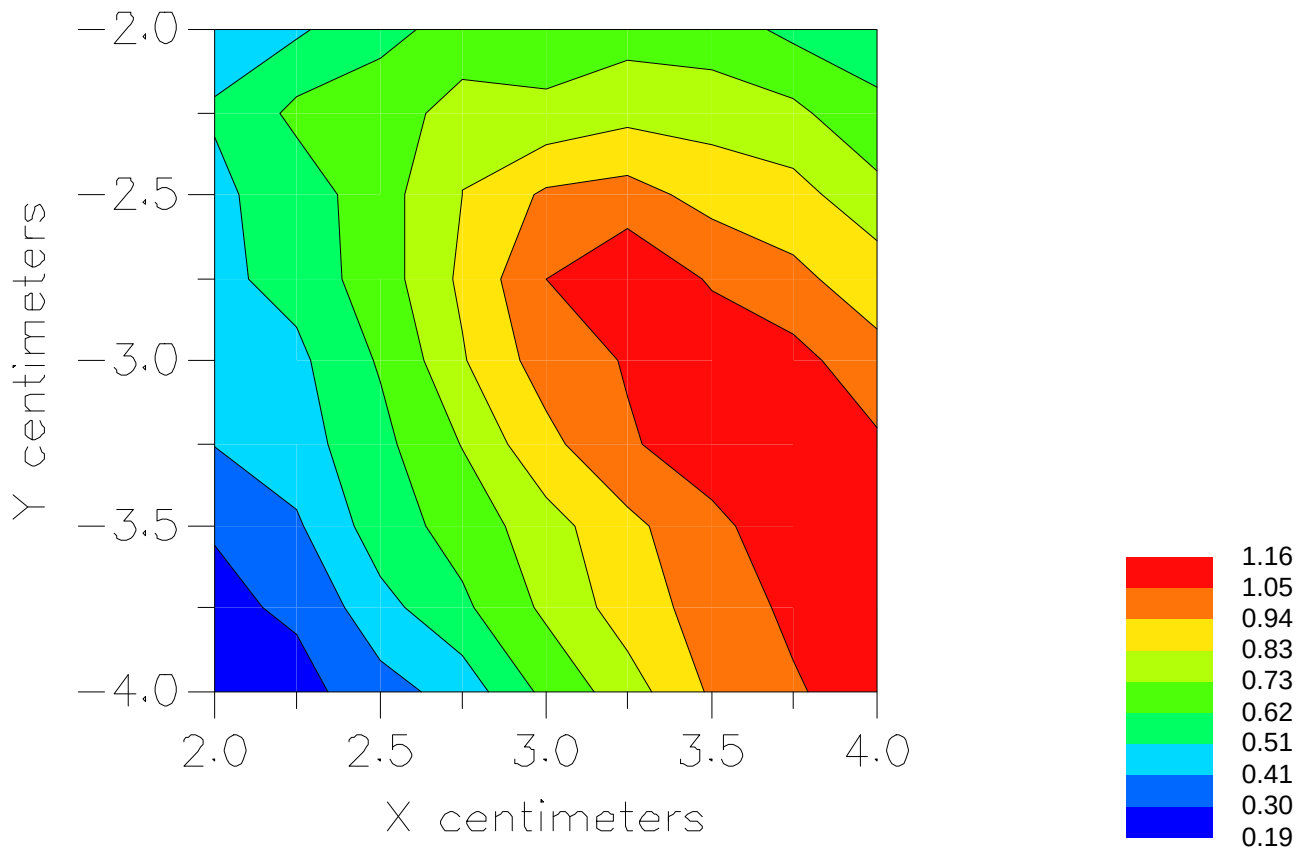
SAR Scan
File : 01080920_ZOOM
Start : 9-Aug-101 04:45:19 pm End : 9-Aug-101 04:55:08 pm
SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01080920_ZOOM
Start : 9-Aug-101 04:45:19 pm End : 9-Aug-101 04:55:08 pm
SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01080920_ZOOM
Start : 9-Aug-101 04:45:19 pm End : 9-Aug-101 04:55:08 pm
SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01080927_ZOOM.VLT
Start : 9-Aug-101 06:35:07 pm End : 9-Aug-101 06:44:55 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity = 0.900

Comment :
SAMSUNG CDMA-MODE PHONE
CH 1013 Conducted 25.0 dBm
SAMSUNG CDMA-MODE 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 = 4.000, Y = -3.750, Z = 0.000 (cm) Value = 16.417

Measured Values (volts) =
1.634E-002 1.261E-002 1.064E-002 9.431E-003 8.374E-003 7.379E-003
6.682E-003 5.813E-003 5.265E-003 4.475E-003 3.719E-003 3.009E-003
2.303E-003 1.746E-003 1.381E-003 1.188E-003 1.221E-003 1.314E-003
1.404E-003 1.489E-003 1.370E-003

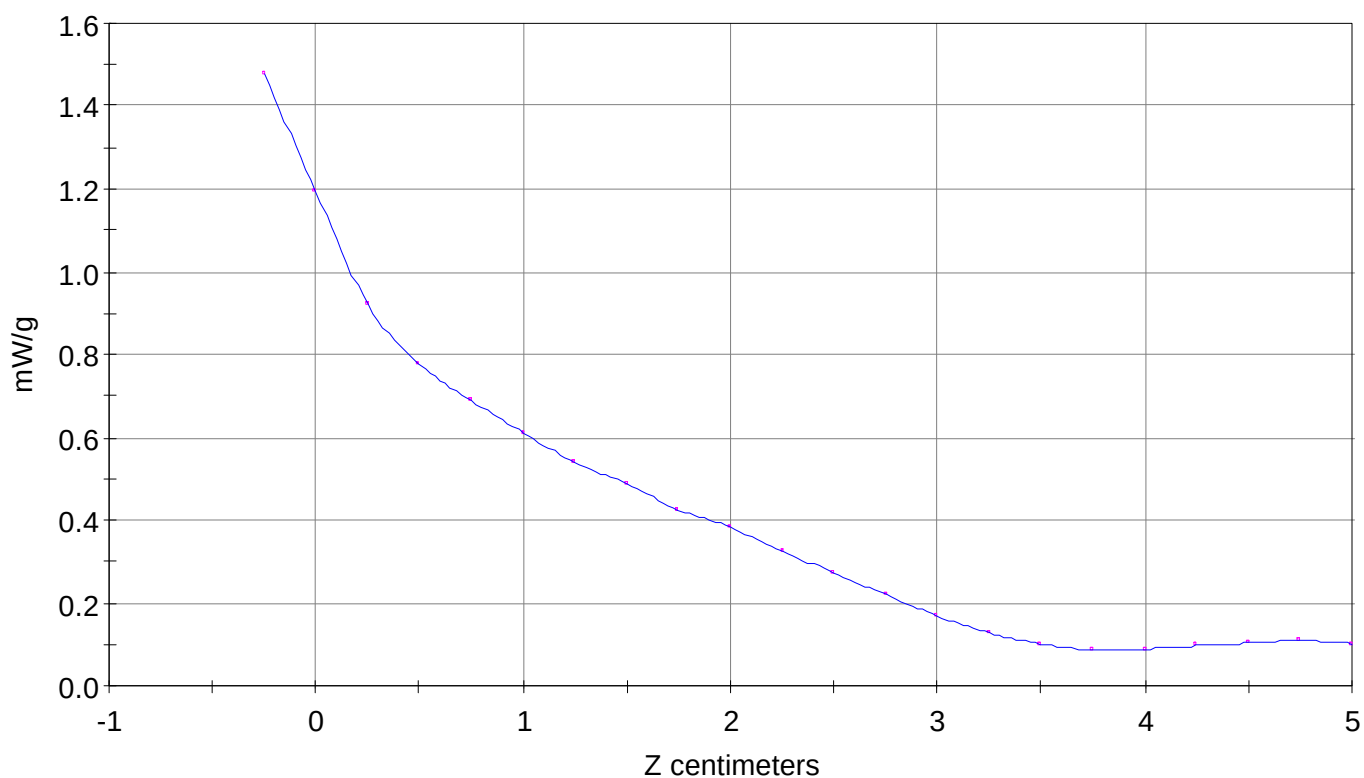
Calc. Voltage @ Surface (Vs) = 0.0203

Voltage @ 1.00 cm (Vt) = 0.0094

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

Ave. SAR over 1 g (mW/g) = 1.0838

SAR Scan
File : 01080927_ZOOM
Start : 9-Aug-10 06:35:07 pm End : 9-Aug-10 06:44:55 pm
SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 Degrees Brain/41.500/0.900

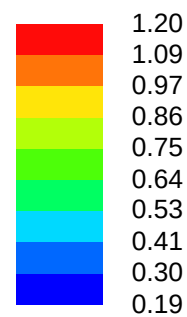
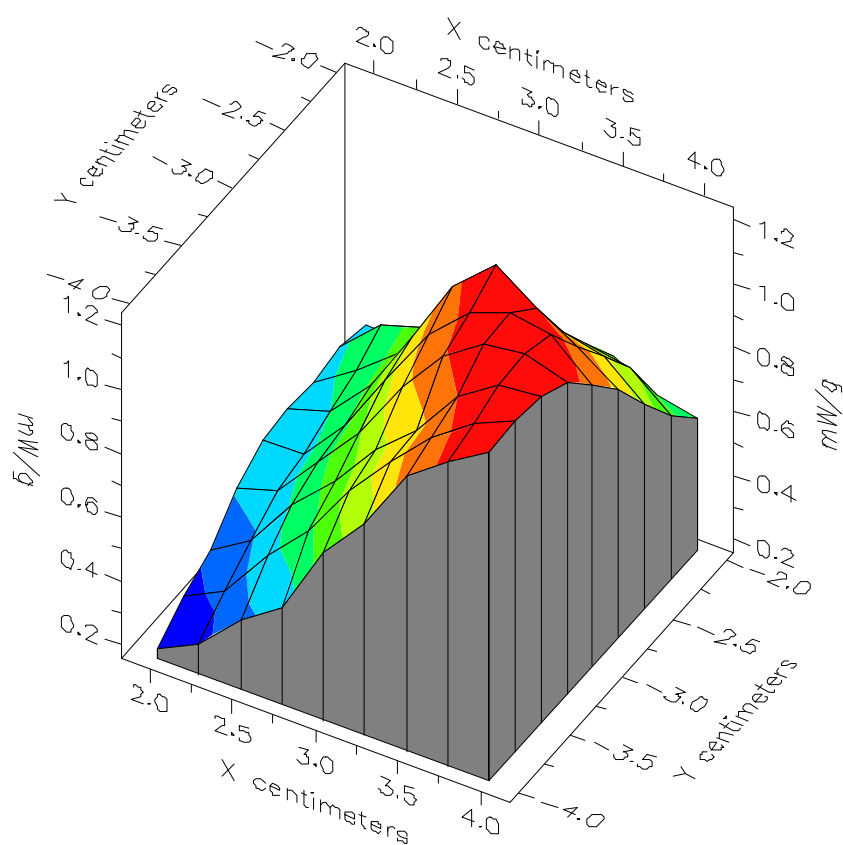


File : 01080927_ZOOM

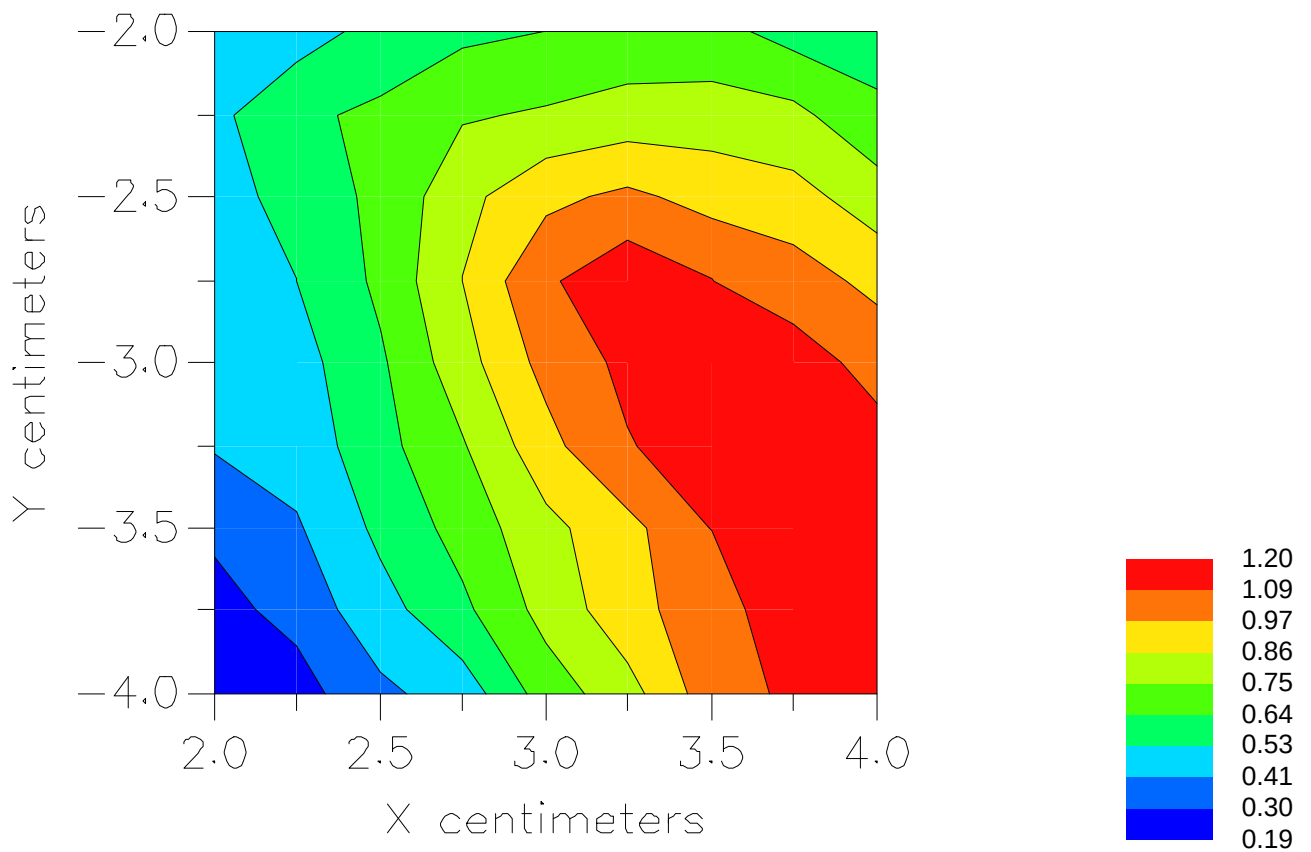
Start : 9-Aug-101 06:35:07 pm End : 9-Aug-101 06:44:55 pm

SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01080927_ZOOM
Start : 9-Aug-101 06:35:07 pm End : 9-Aug-101 06:44:55 pm
SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01080922_ZOOM.VLT
Start : 9-Aug-101 05:13:22 pm End : 9-Aug-101 05:23:10 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr : 0.320 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity = 0.900

Comment :
SAMSUNG CDMA-MODE PHONE - AMPS MODE
CH 363 Conducted 25.0 dBm
SAMSUNG CDMA-MODE 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 = 3.250, Y = -2.750, Z = 0.000 (cm) Value = 16.049

Measured Values (volts) =
1.339E-002 8.480E-003 7.079E-003 5.872E-003 5.235E-003 4.637E-003
4.244E-003 3.889E-003 3.584E-003 3.256E-003 2.822E-003 2.372E-003
1.818E-003 1.581E-003 1.155E-003 1.034E-003 9.169E-004 9.507E-004
1.048E-003 1.188E-003 1.198E-003

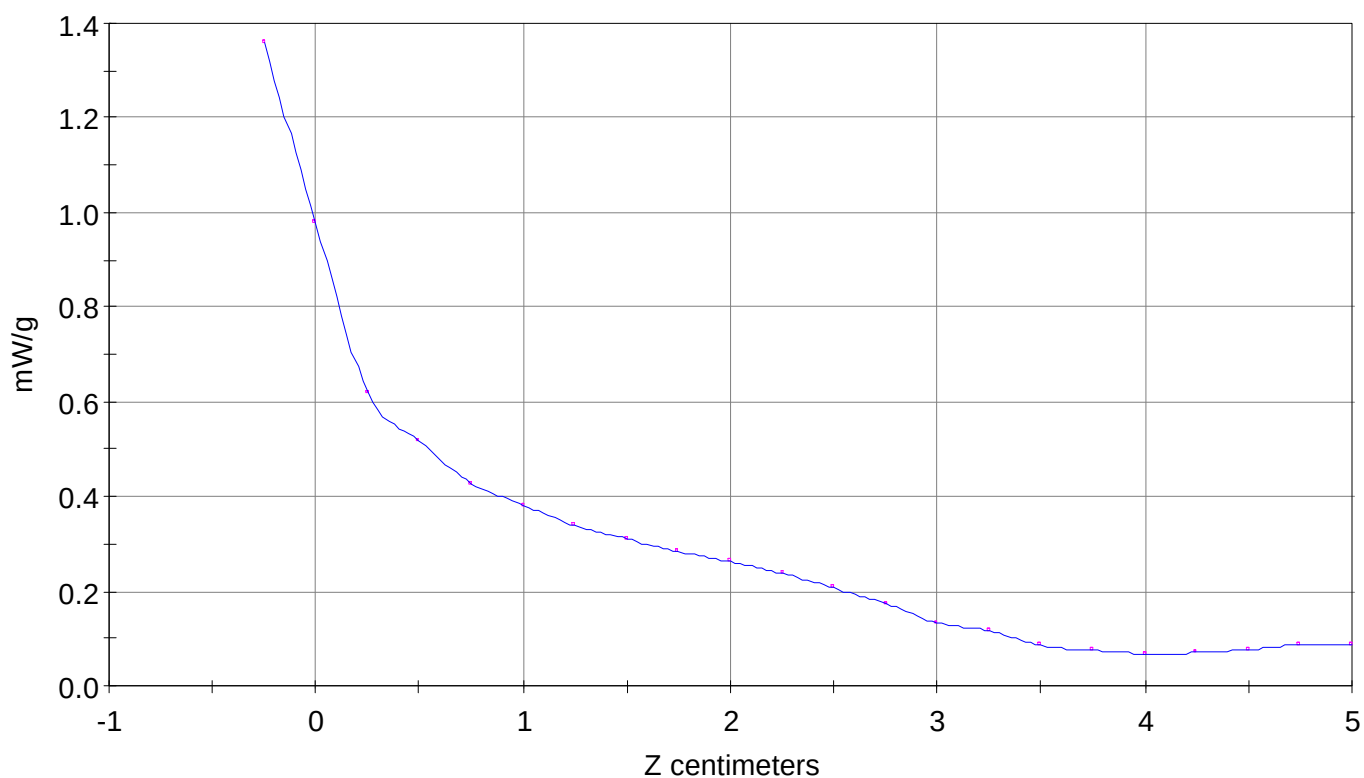
Calc. Voltage @ Surface (Vs) = 0.0186

Voltage @ 1.00 cm (Vt) = 0.0059

Ave. Voltage (Vs+Vt)/2 = 0.0122

Ave. SAR over 1 g (mW/g) = 0.8928

SAR Scan
File : 01080922_ZOOM
Start : 9-Aug-101 05:13:22 pm End : 9-Aug-101 05:23:10 pm
SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

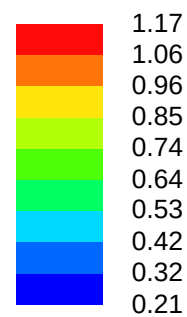
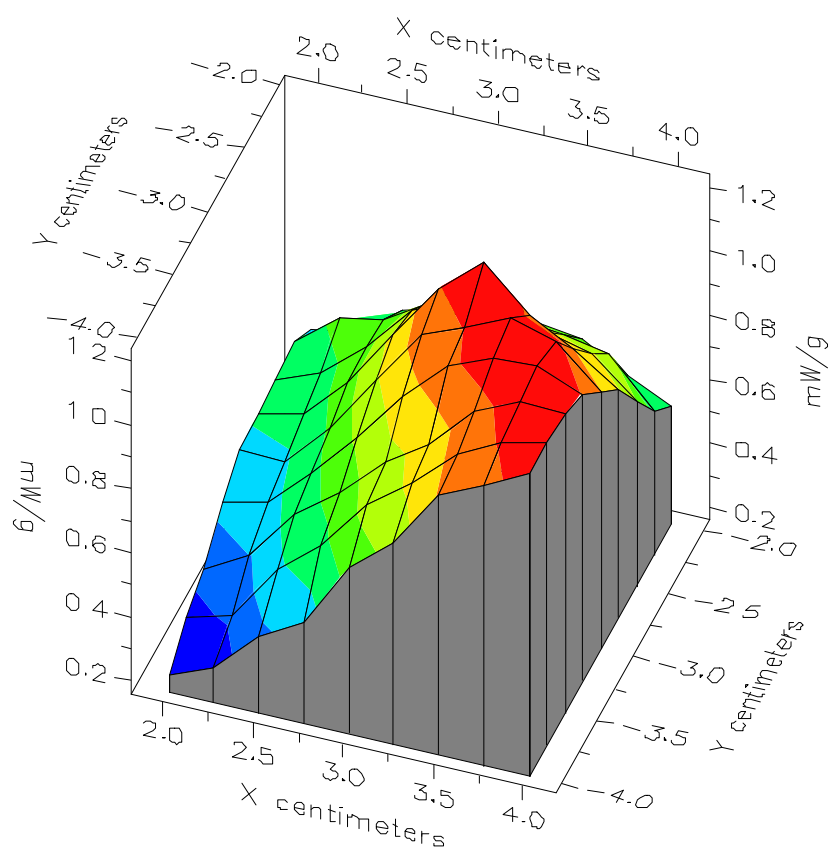


File : 01080922_ZOOM

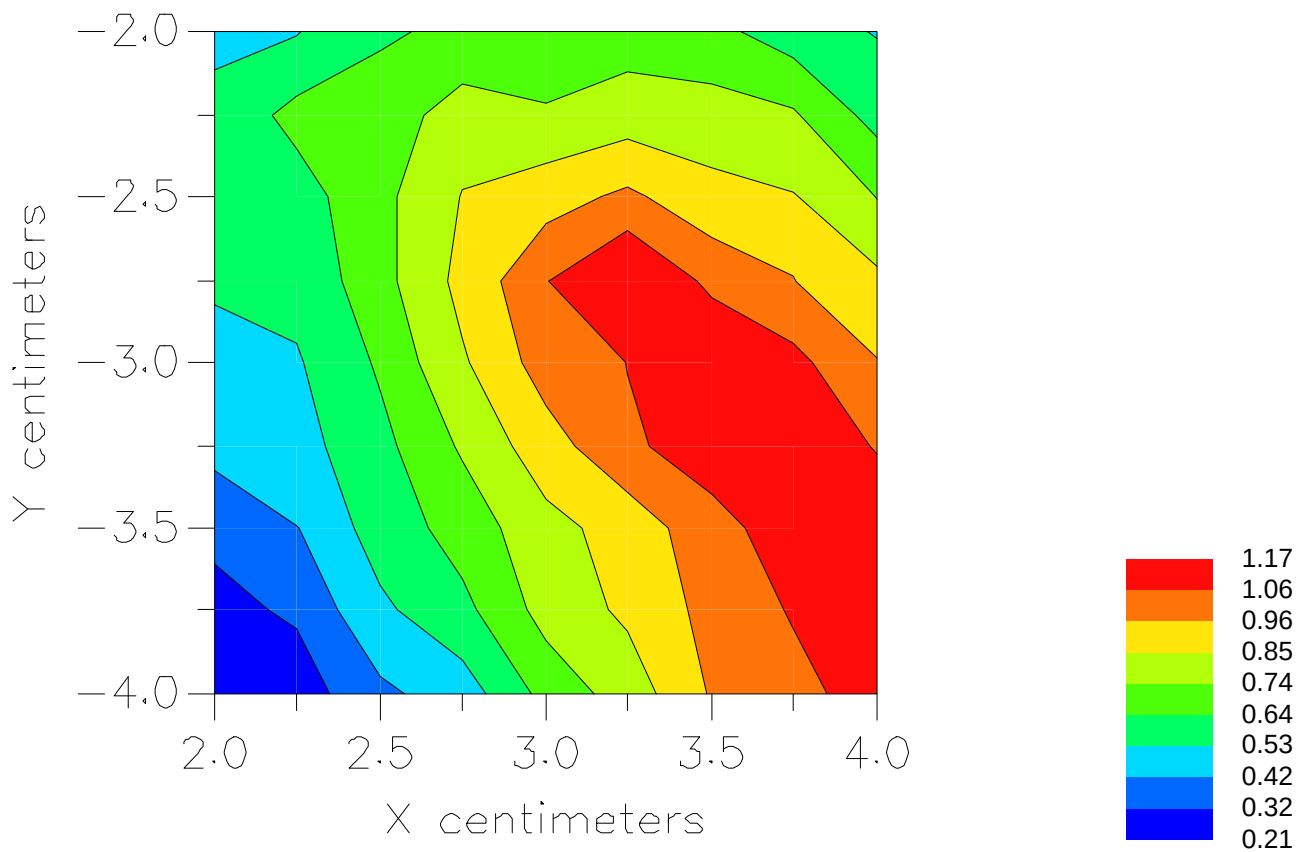
Start : 9-Aug-101 05:13:22 pm End : 9-Aug-101 05:23:10 pm

SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01080922_ZOOM
Start : 9-Aug-101 05:13:22 pm End : 9-Aug-101 05:23:10 pm
SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01080921_ZOOM.VLT
Start : 9-Aug-101 04:56:49 pm End : 9-Aug-101 05:06:36 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity = 0.900

Comment :
SAMSUNG CDMA-MODE PHONE - CDMA MODE
CH 363 Conducted 25.0 dBm
SAMSUNG CDMA-MODE 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 = 3.250, Y = -2.750, Z = 0.000 (cm) Value = 16.993

Measured Values (volts) =
1.456E-002 9.702E-003 8.013E-003 6.855E-003 6.079E-003 5.462E-003
4.915E-003 4.629E-003 4.075E-003 3.770E-003 3.264E-003 2.770E-003
2.173E-003 1.751E-003 1.424E-003 1.168E-003 1.088E-003 1.157E-003
1.227E-003 1.377E-003 1.459E-003

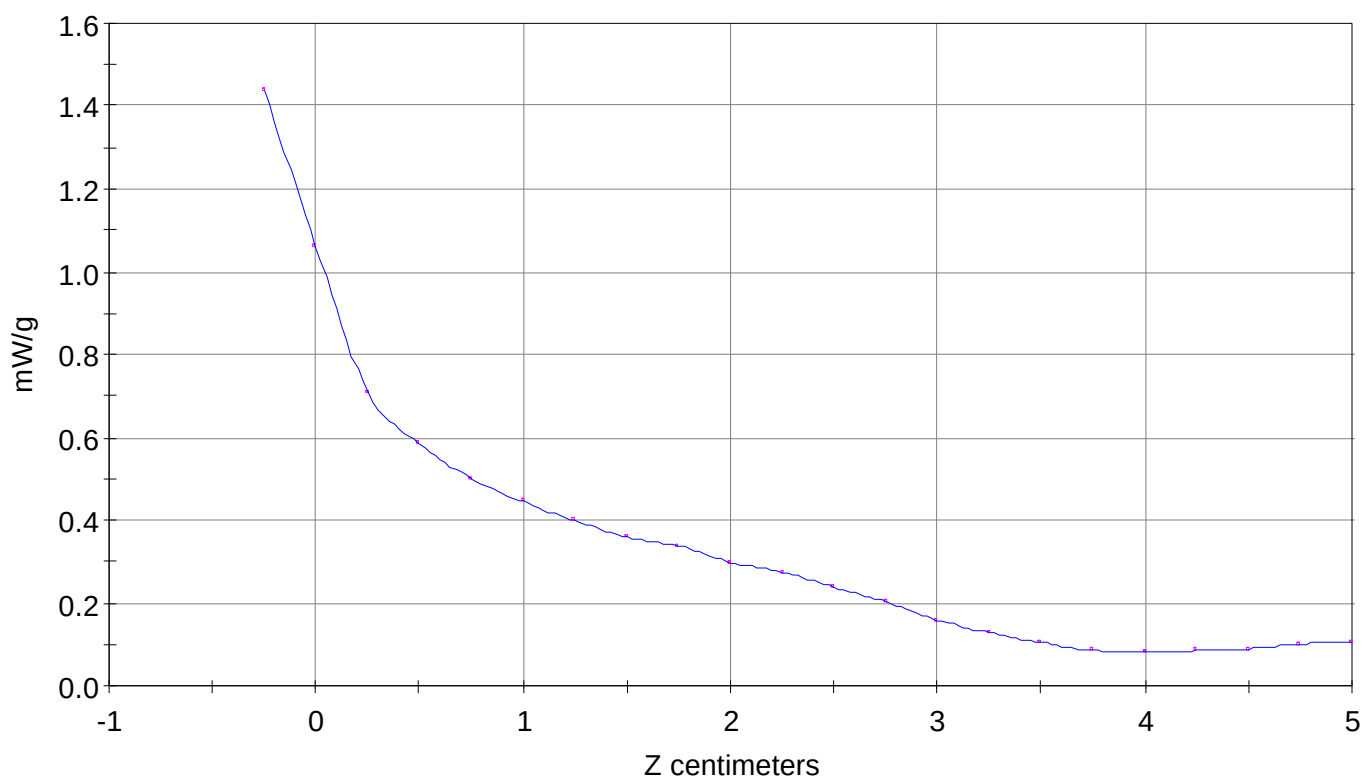
Calc. Voltage @ Surface (Vs) = 0.0197

Voltage @ 1.00 cm (Vt) = 0.0069

Ave. Voltage (Vs+Vt)/2 = 0.0133

Ave. SAR over 1 g (mW/g) = 0.9703

SAR Scan
File : 01080921_ZOOM
Start : 9-Aug-101 04:56:49 pm End : 9-Aug-101 05:06:36 pm
SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

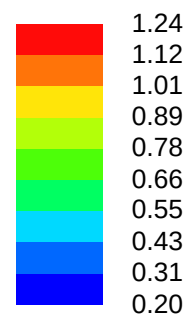
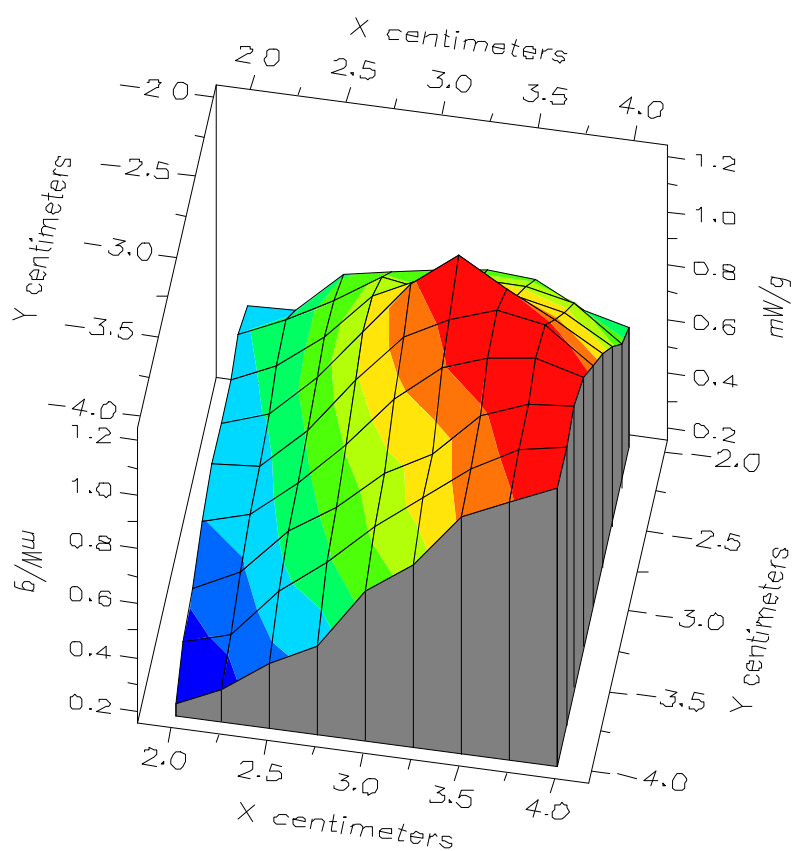


File : 01080921_ZOOM

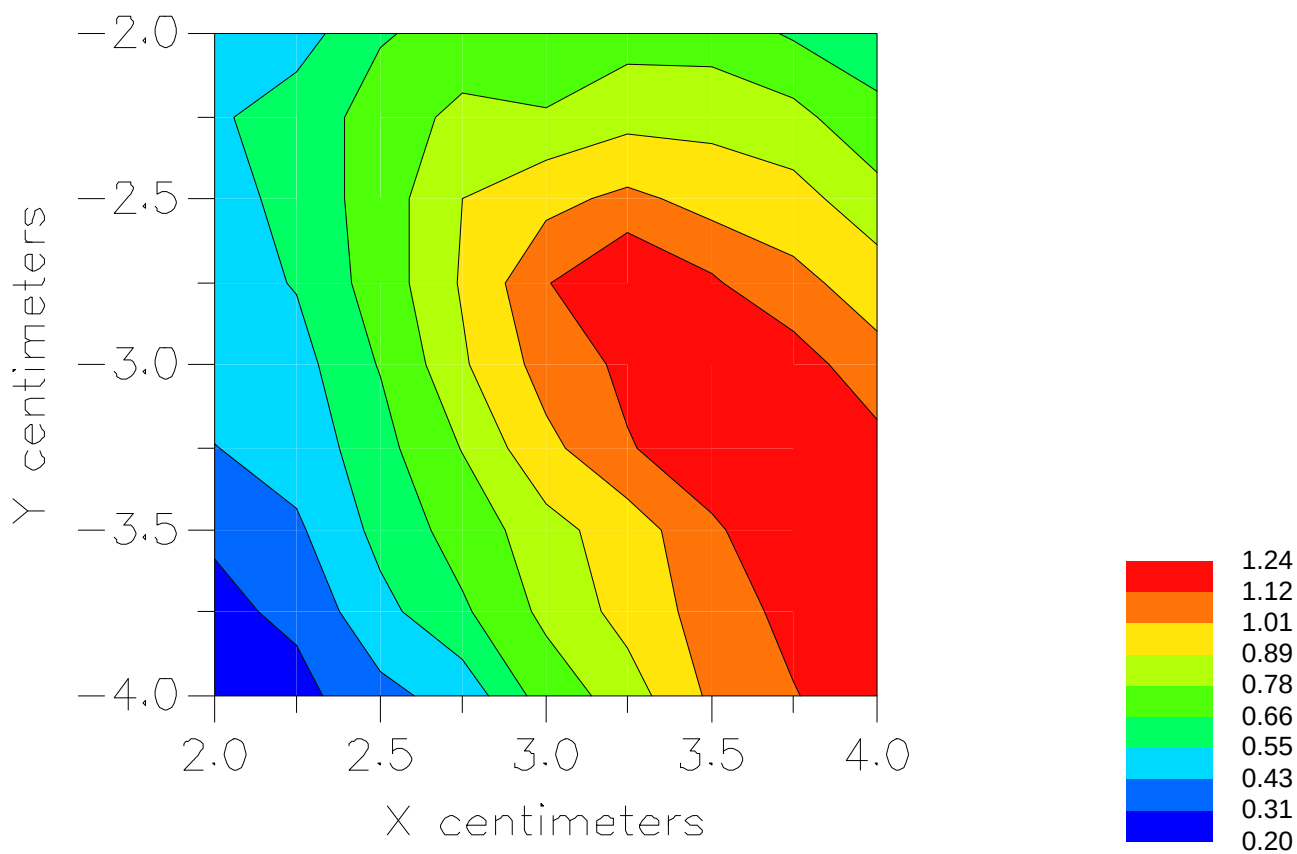
Start : 9-Aug-101 04:56:49 pm End : 9-Aug-101 05:06:36 pm

SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01080921_ZOOM
Start : 9-Aug-101 04:56:49 pm End : 9-Aug-101 05:06:36 pm
SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01080926_ZOOM.VLT
Start : 9-Aug-101 06:23:43 pm End : 9-Aug-101 06:33:33 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr : 0.320 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity = 0.900

Comment :
SAMSUNG CDMA-MODE PHONE
CH 777 Conducted 25.0 dBm
SAMSUNG CDMA-MODE 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 = 4.000, Y = -4.000, Z = 0.000 (cm) Value = 15.794

Measured Values (volts) =
1.563E-002 1.199E-002 1.030E-002 8.749E-003 7.847E-003 7.184E-003
6.454E-003 5.671E-003 4.928E-003 4.225E-003 3.331E-003 2.603E-003
2.025E-003 1.511E-003 1.263E-003 1.179E-003 1.238E-003 1.351E-003
1.443E-003 1.435E-003 1.194E-003

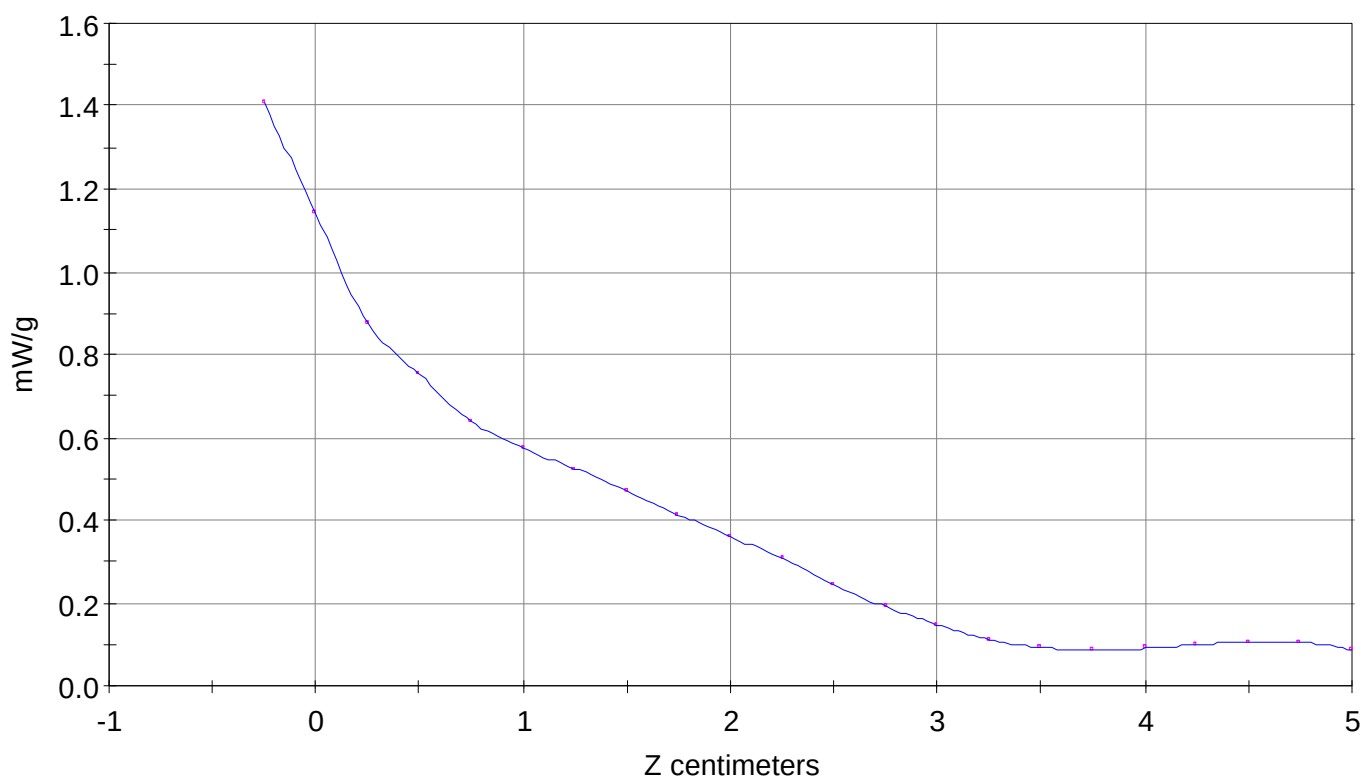
Calc. Voltage @ Surface (Vs) = 0.0193

Voltage @ 1.00 cm (Vt) = 0.0087

Ave. Voltage (Vs+Vt)/2 = 0.0140

Ave. SAR over 1 g (mW/g) = 1.0226

SAR Scan
File : 01080926_ZOOM
Start : 9-Aug-101 06:23:43 pm End : 9-Aug-101 06:33:33 pm
SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

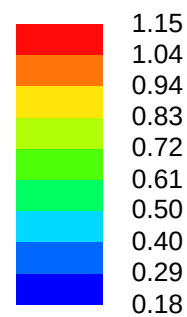
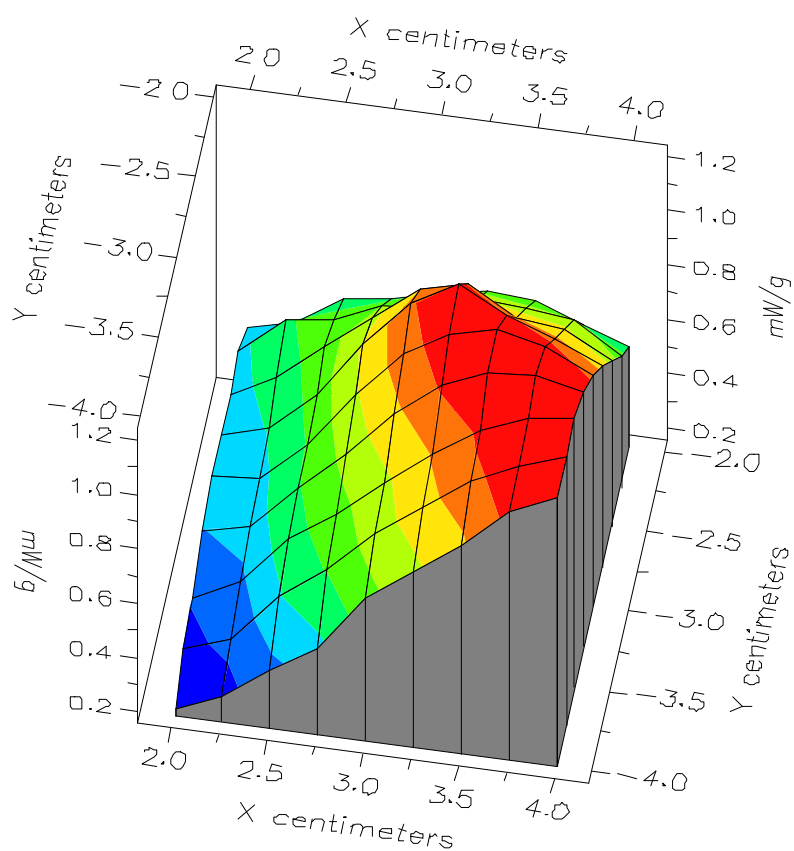


File : 01080926_ZOOM

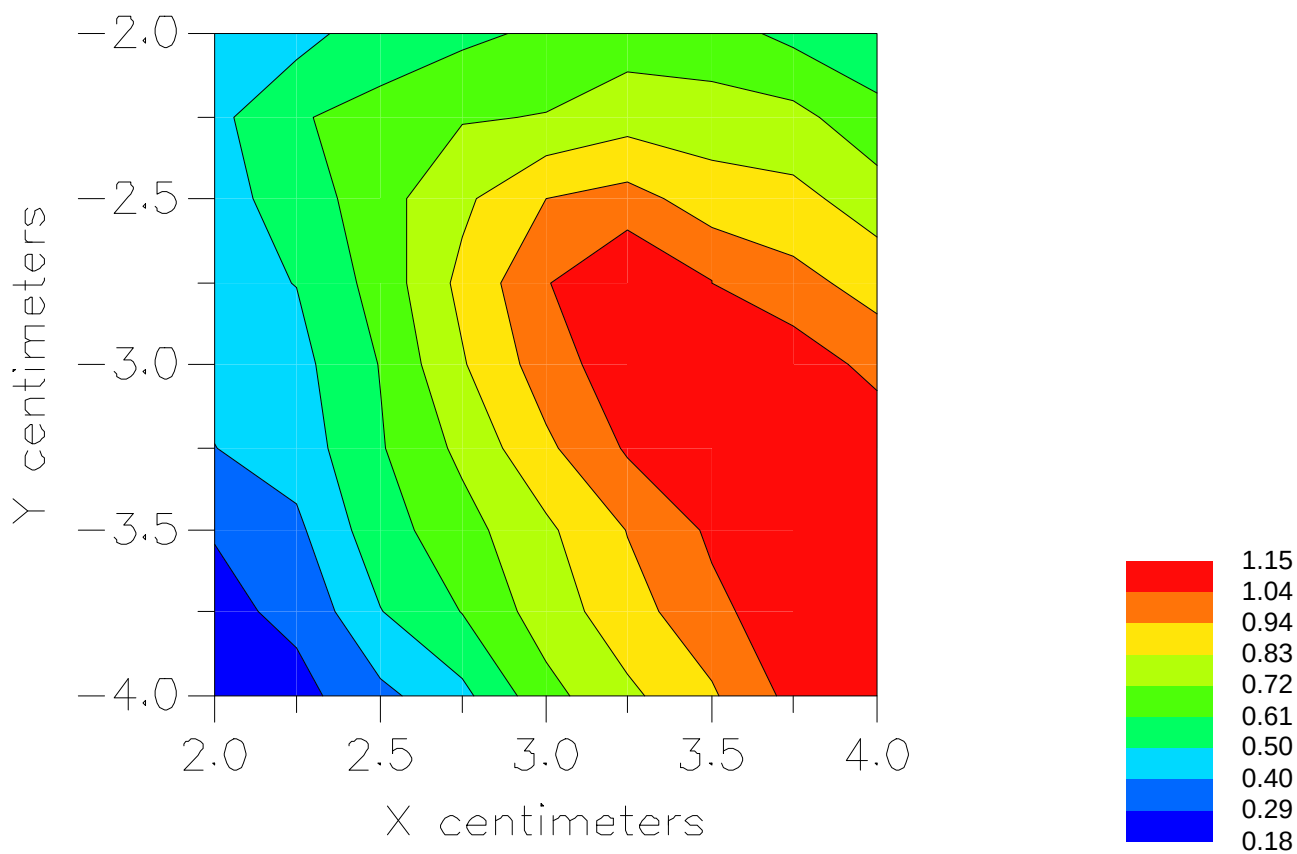
Start : 9-Aug-101 06:23:43 pm End : 9-Aug-101 06:33:33 pm

SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01080926_ZOOM
Start : 9-Aug-101 06:23:43 pm End : 9-Aug-101 06:33:33 pm
SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01080925_ZOOM.VLT
Start : 9-Aug-101 06:12:31 pm End : 9-Aug-101 06:22:19 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity = 0.900

Comment :
SAMSUNG CDMA-MODE PHONE
CH 777 Conducted 25.0 dBm
SAMSUNG CDMA-MODE 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 = 3.250, Y = -2.750, Z = 0.000 (cm) Value = 19.781

Measured Values (volts) =
1.807E-002 1.145E-002 9.386E-003 8.111E-003 7.134E-003 6.439E-003
5.913E-003 5.393E-003 4.933E-003 4.434E-003 3.856E-003 3.341E-003
2.633E-003 2.076E-003 1.682E-003 1.364E-003 1.218E-003 1.215E-003
1.297E-003 1.418E-003 1.467E-003

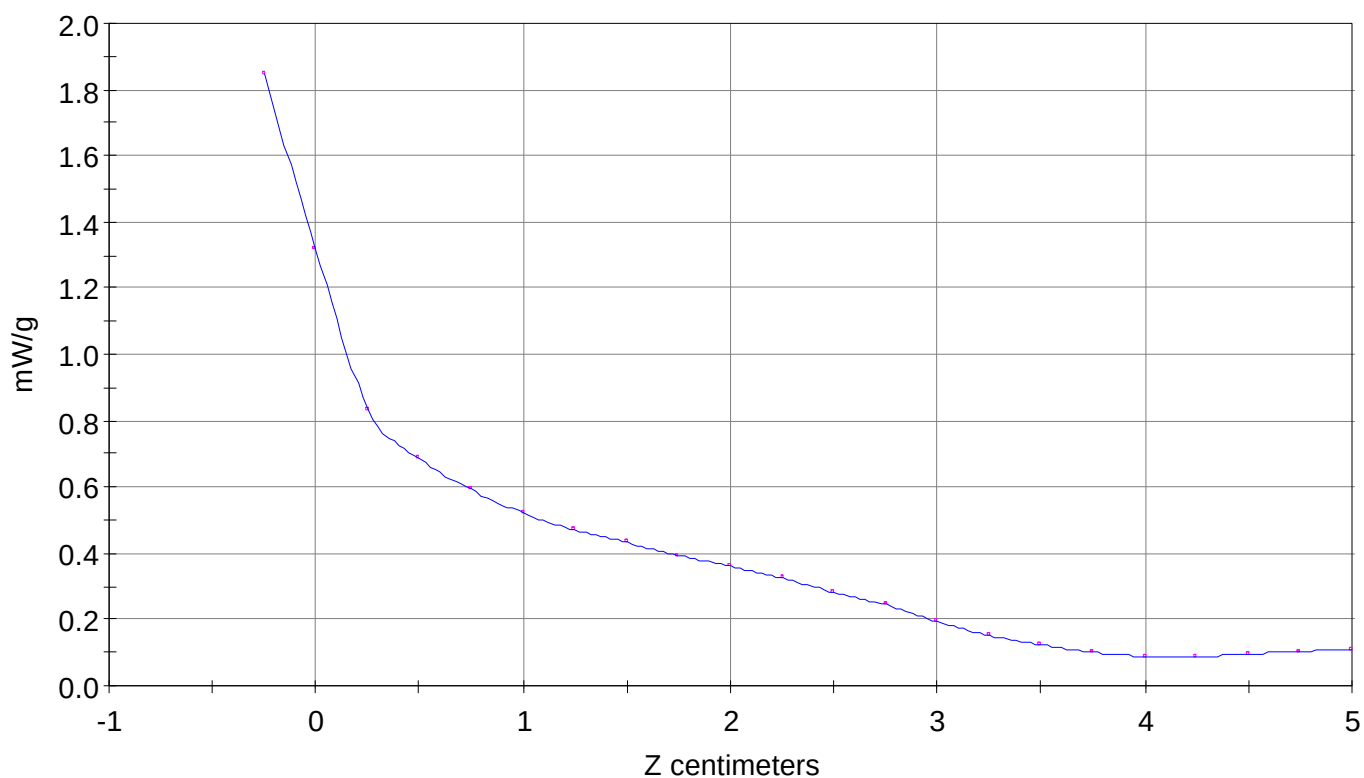
Calc. Voltage @ Surface (Vs) = 0.0253

Voltage @ 1.00 cm (Vt) = 0.0081

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

Ave. SAR over 1 g (mW/g) = 1.2181

SAR Scan
File : 01080925_ZOOM
Start : 9-Aug-101 06:12:31 pm End : 9-Aug-101 06:22:19 pm
SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

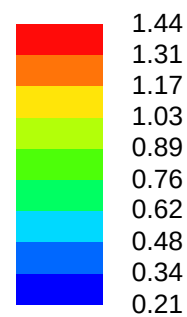
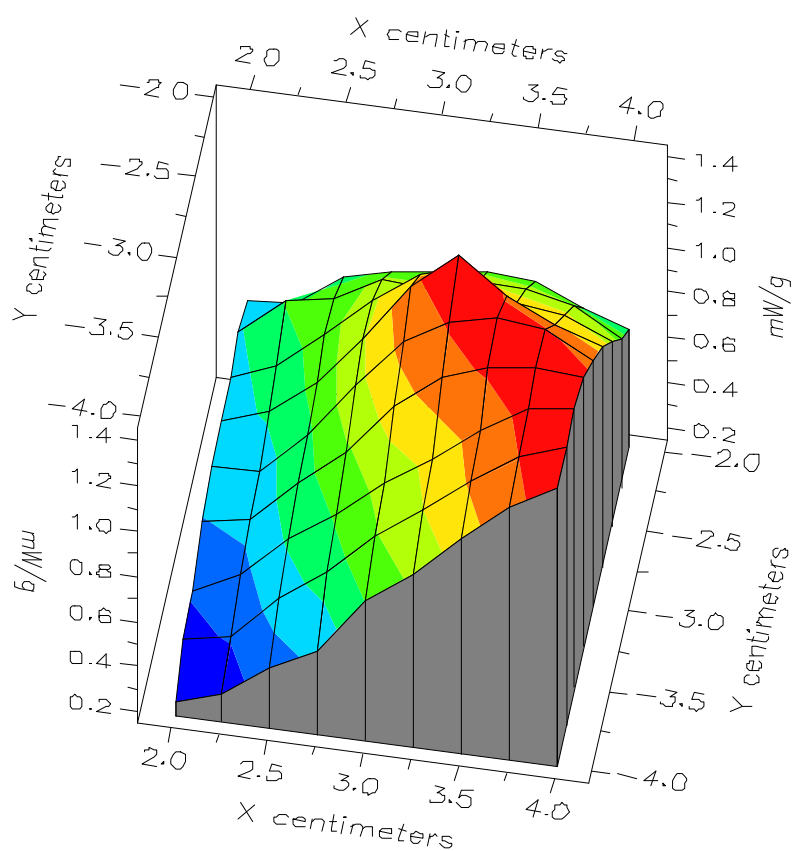


File : 01080925_ZOOM

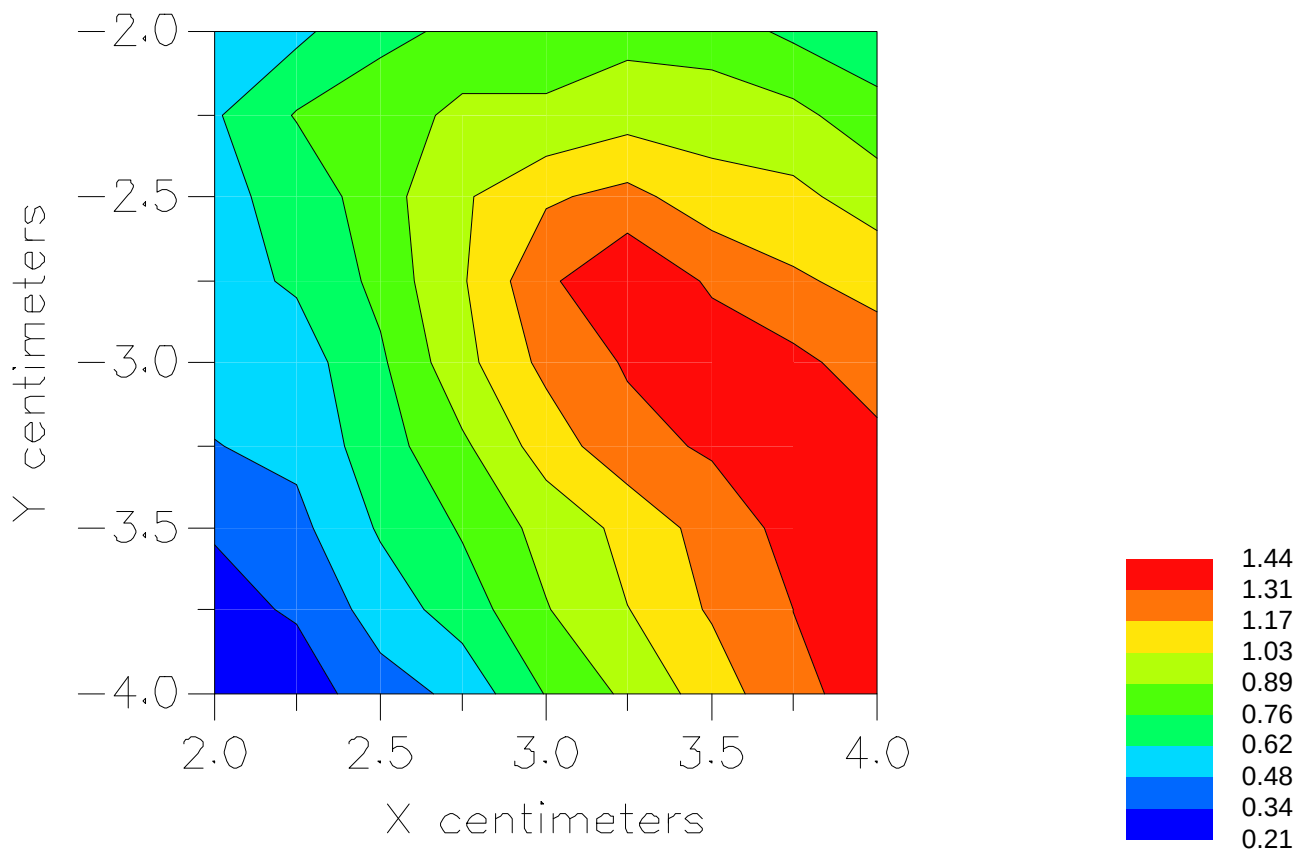
Start : 9-Aug-101 06:12:31 pm End : 9-Aug-101 06:22:19 pm

SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

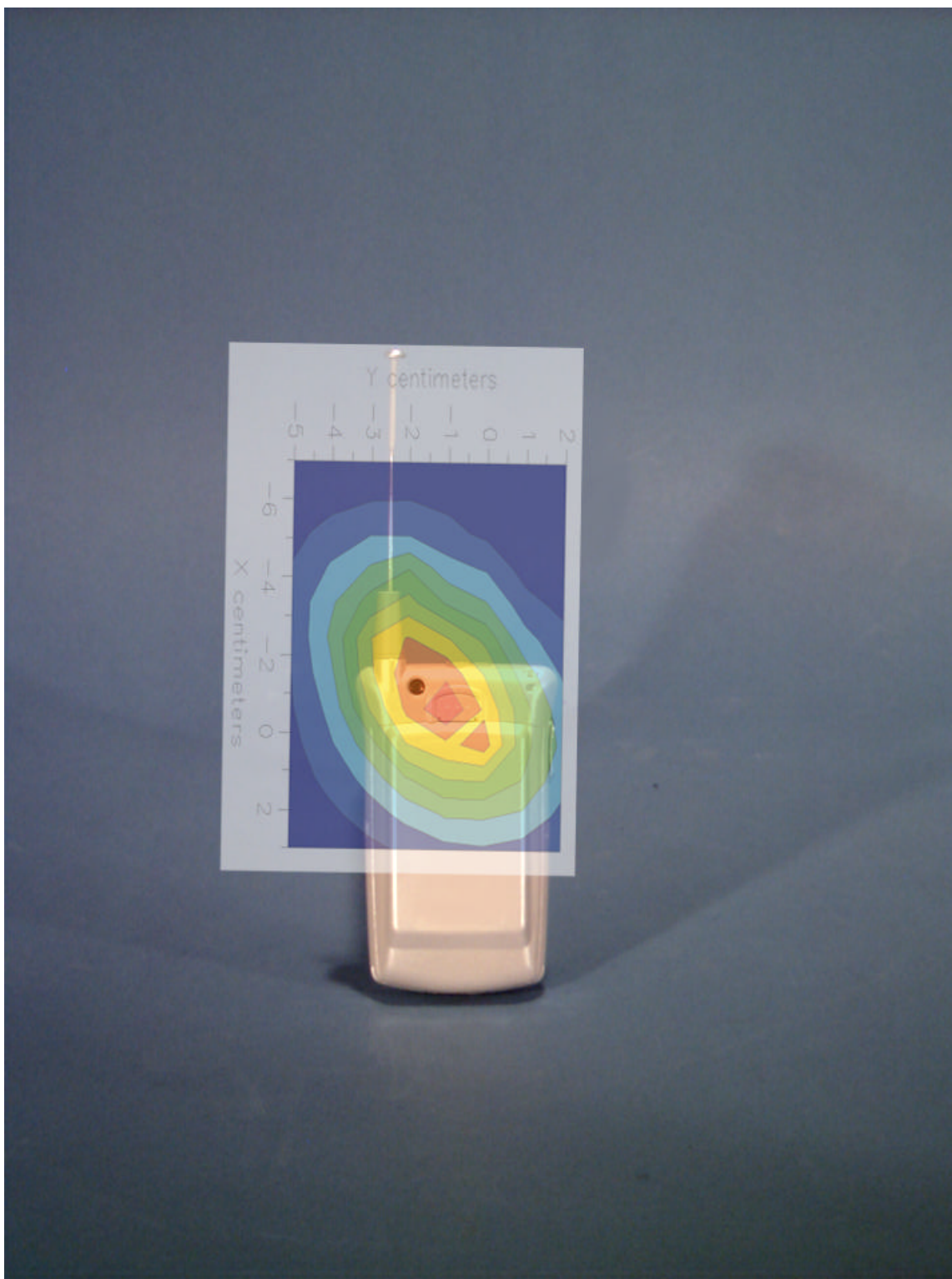


File : 01080925_ZOOM
Start : 9-Aug-101 06:12:31 pm End : 9-Aug-101 06:22:19 pm
SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081723_ZOOM.VLT
Start : 17-Aug-101 03:43:05 pm End : 17-Aug-101 03:56:21 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr : 0.320 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SAMSUNG CDMA-MODE PHONE
CH 1013 Conducted 25.0 dBm
SAMSUNG CDMA-MODE PHONE - BODY SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.000, Y = -1.750, Z = 0.000 (cm) Value = 2.165

Measured Values (volts) =
2.040E-003 1.587E-003 1.239E-003 1.027E-003 8.855E-004 7.495E-004
6.748E-004 5.984E-004 5.765E-004 5.107E-004 4.321E-004 3.859E-004
2.819E-004 2.065E-004 1.524E-004 1.185E-004 9.046E-005 1.038E-004
8.815E-005 1.440E-004 1.433E-004

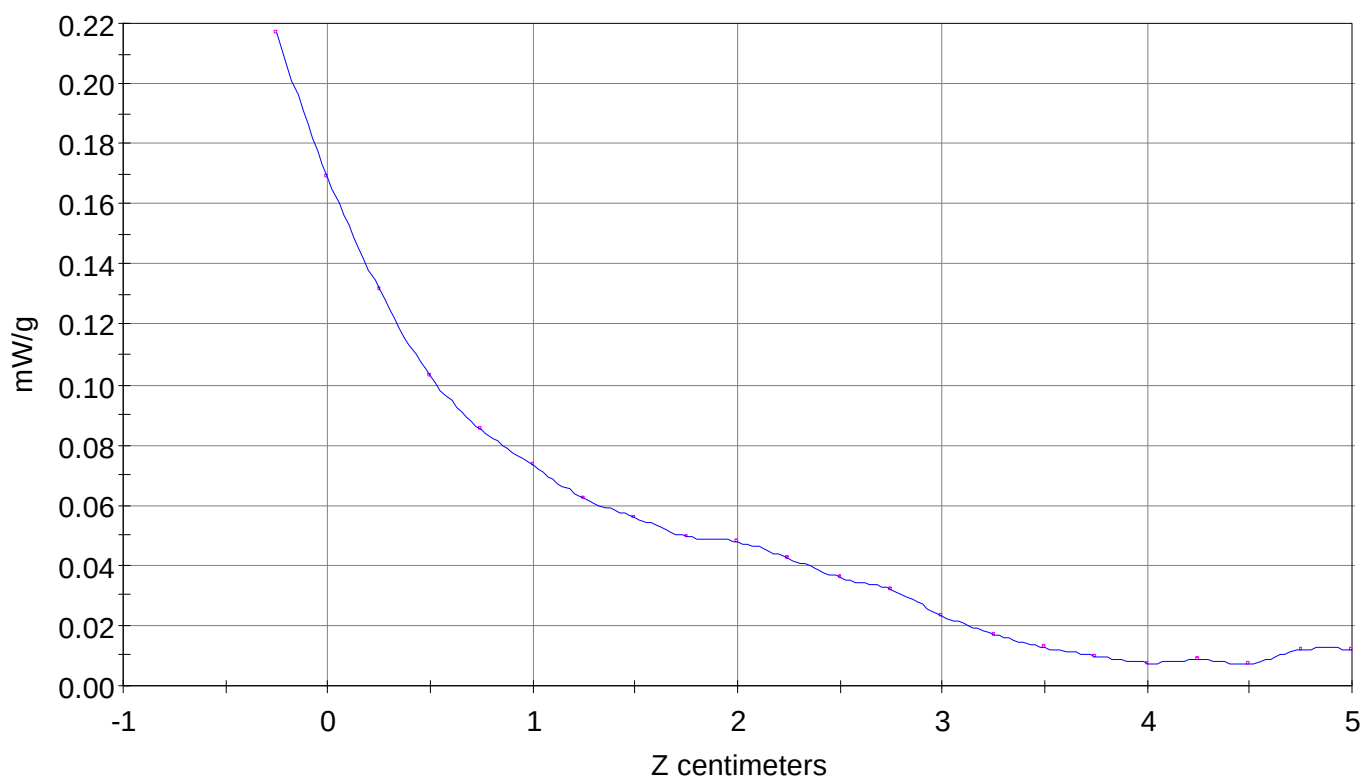
Calc. Voltage @ Surface (Vs) = 0.0026

Voltage @ 1.00 cm (Vt) = 0.0010

Ave. Voltage (Vs+Vt)/2 = 0.0018

Ave. SAR over 1 g (mW/g) = 0.1508

SAR Scan
File : 01081723_ZOOM
Start : 17-Aug-10 03:43:05 pm End : 17-Aug-10 03:56:21 pm
SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 Degrees Muscle/56.100/0.950

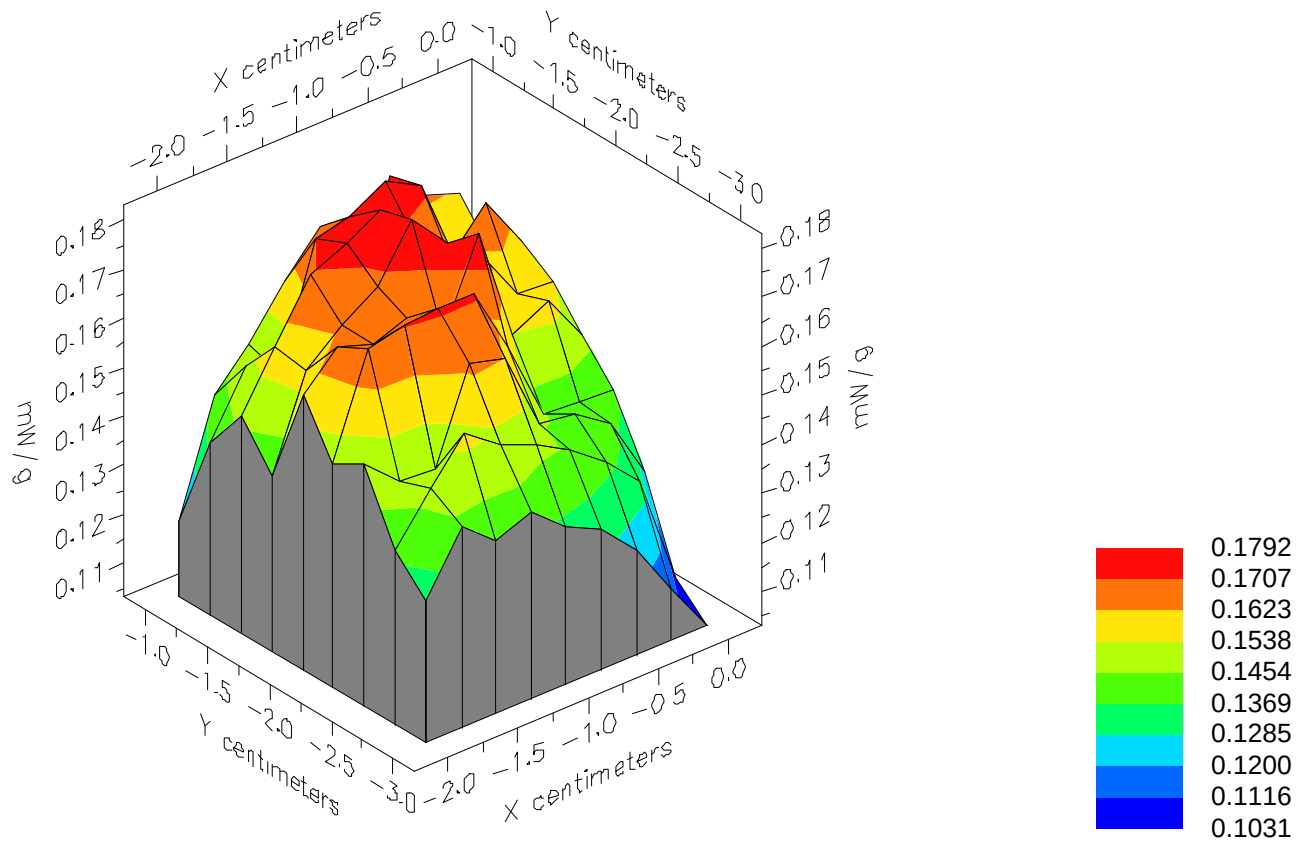


File : 01081723_ZOOM

Start : 17-Aug-101 03:43:05 pm End : 17-Aug-101 03:56:21 pm

SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

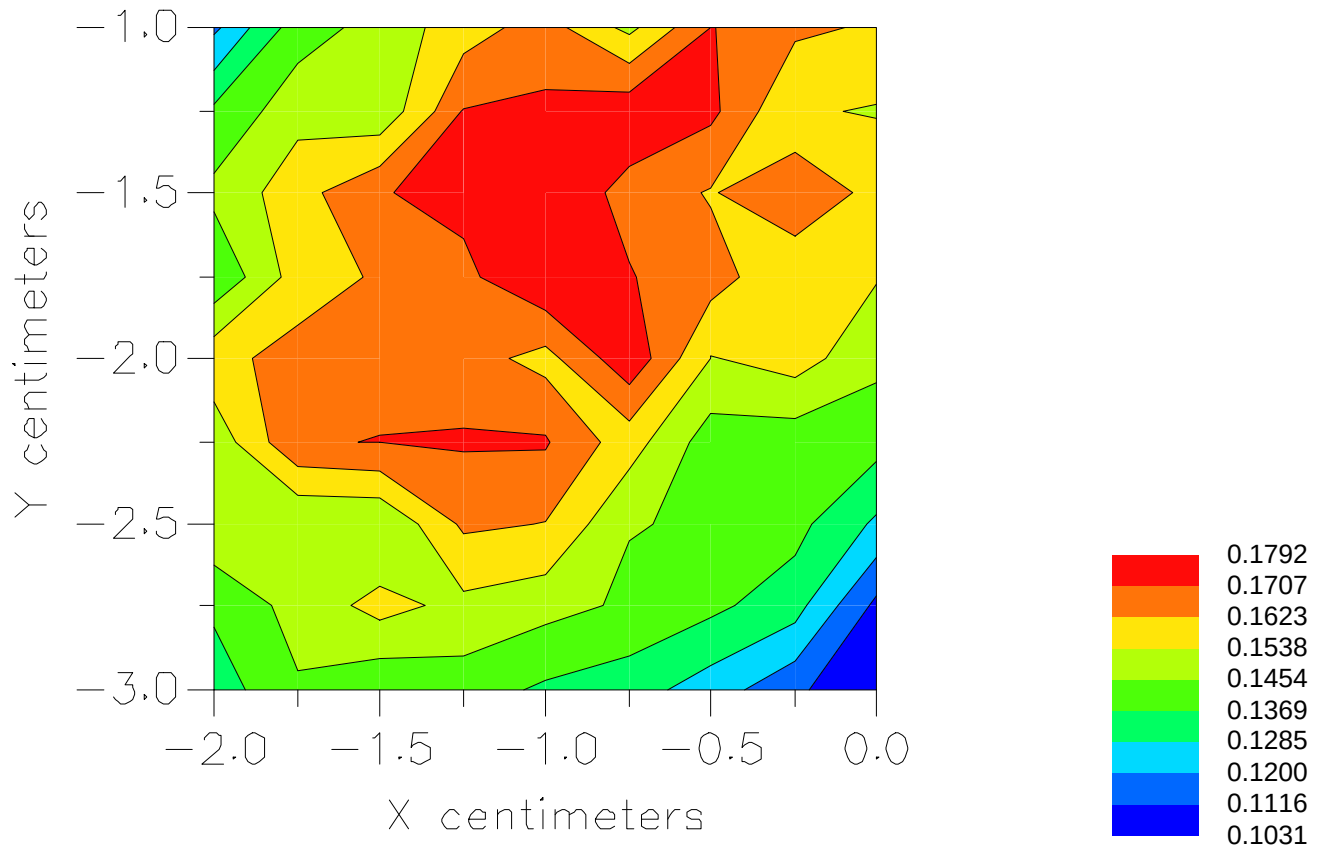


File : 01081723_ZOOM

Start : 17-Aug-101 03:43:05 pm End : 17-Aug-101 03:56:21 pm

SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081732_ZOOM.VLT
Start : 17-Aug-101 05:10:30 pm End : 17-Aug-101 05:18:20 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SAMSUNG CDMA-MODE PHONE
CH 1013 Conducted 25.0 dBm
SAMSUNG CDMA-MODE PHONE - BODY SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -2.000, Z = 0.000 (cm) Value = 7.296

Measured Values (volts) =
5.499E-003 4.594E-003 3.865E-003 3.255E-003 2.739E-003 2.391E-003
2.152E-003 1.991E-003 1.880E-003 1.833E-003 1.729E-003 1.596E-003
1.307E-003 1.057E-003 8.071E-004 6.069E-004 3.967E-004 3.414E-004
3.771E-004 4.569E-004 5.572E-004

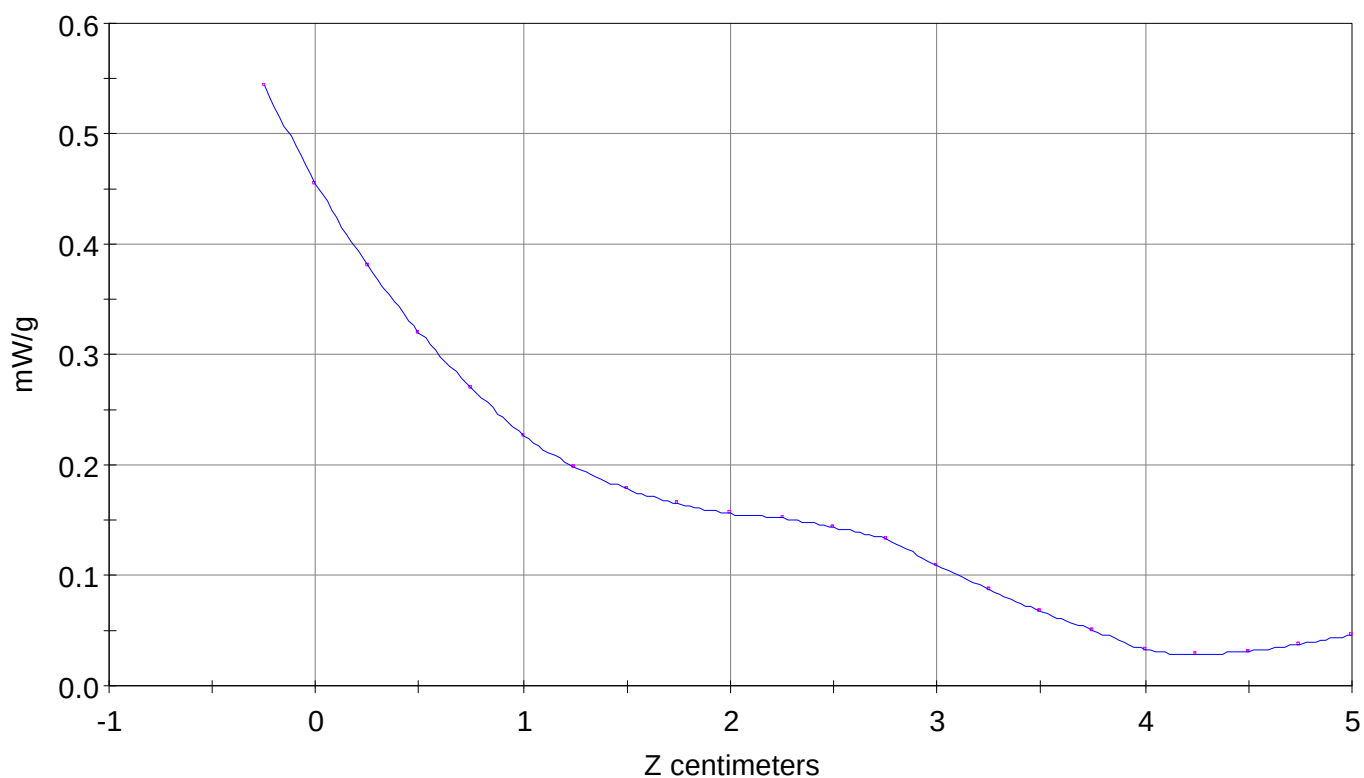
Calc. Voltage @ Surface (Vs) = 0.0066

Voltage @ 1.00 cm (Vt) = 0.0033

Ave. Voltage (Vs+Vt)/2 = 0.0049

Ave. SAR over 1 g (mW/g) = 0.4062

SAR Scan
File : 01081732_ZOOM
Start : 17-Aug-101 05:10:30 pm End : 17-Aug-101 05:18:20 pm
SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

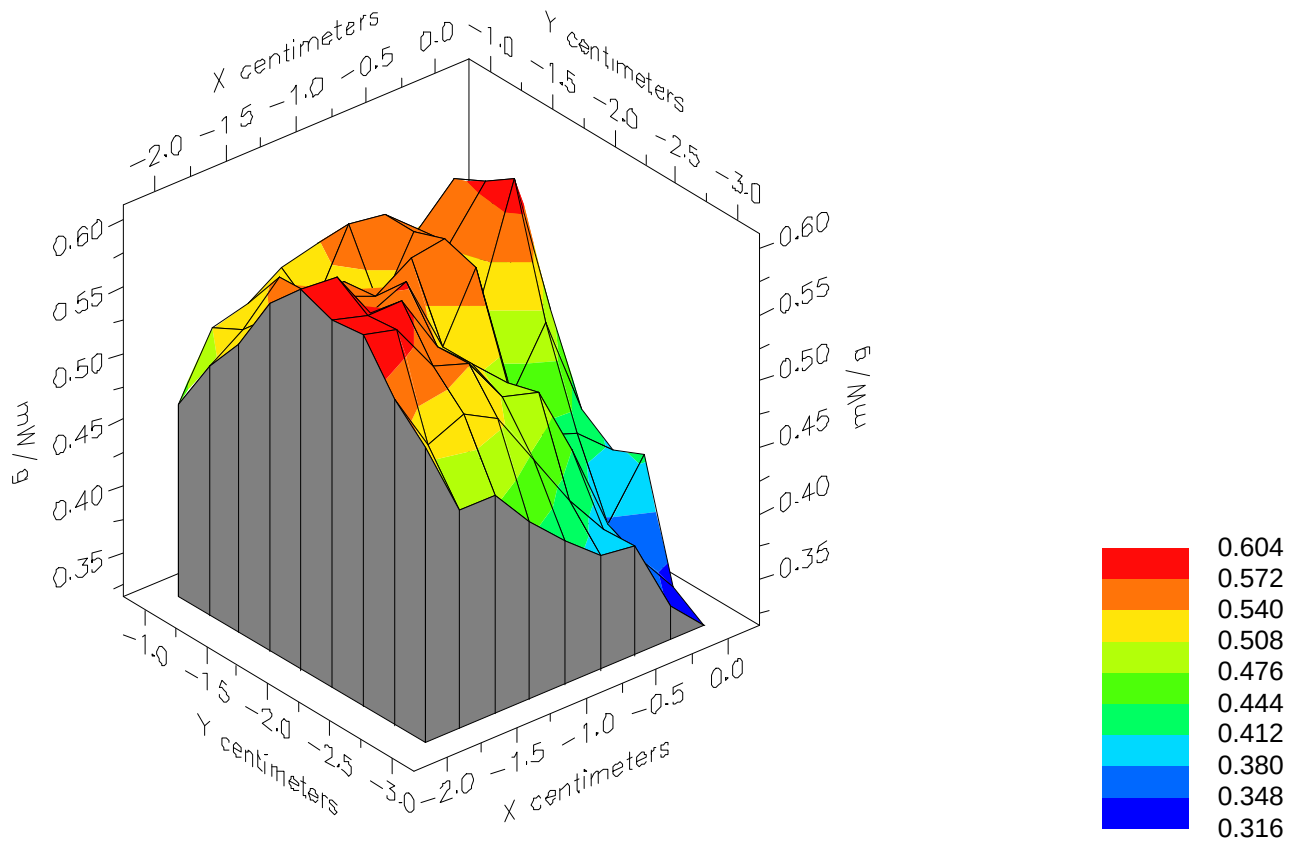


File : 01081732_ZOOM

Start : 17-Aug-101 05:10:30 pm End : 17-Aug-101 05:18:20 pm

SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

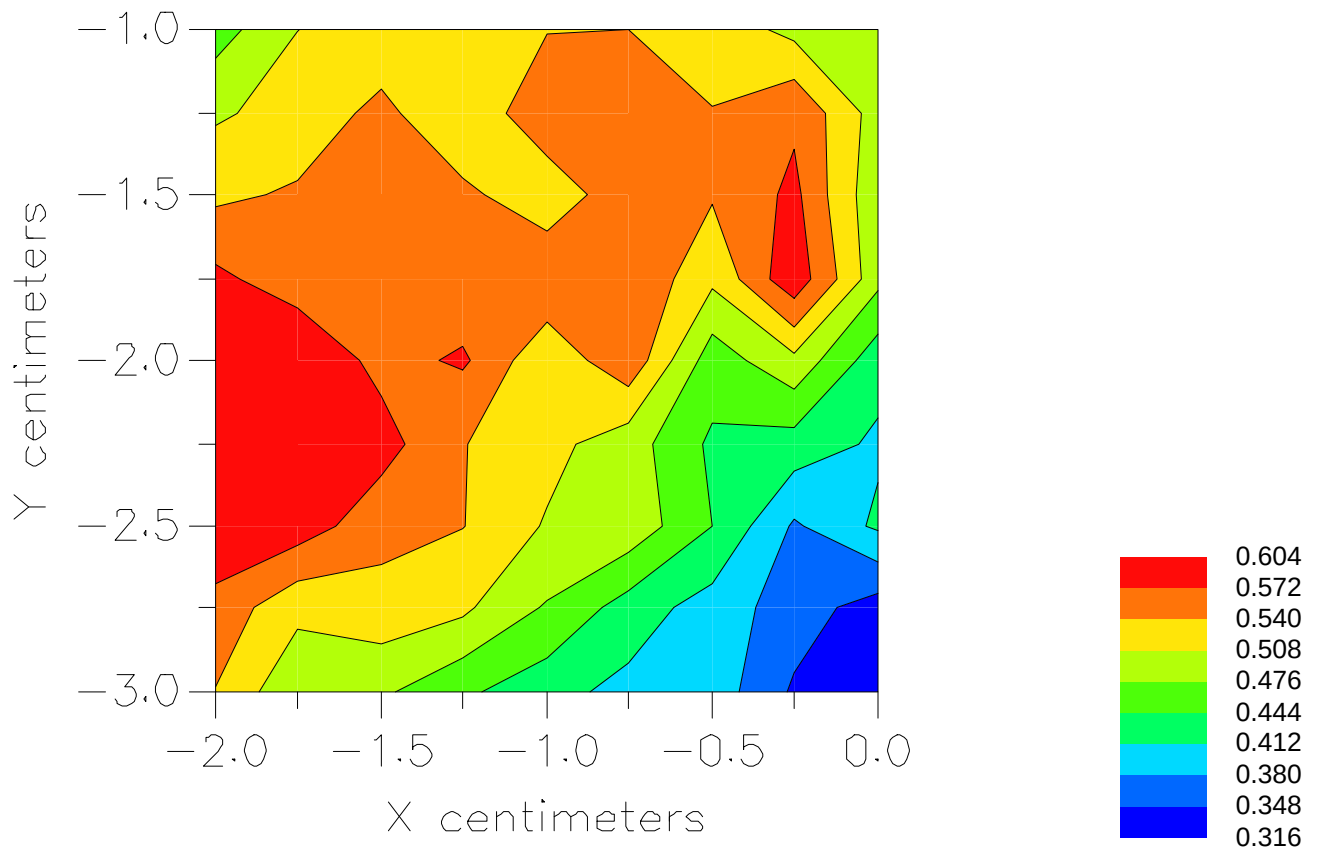


File : 01081732_ZOOM

Start : 17-Aug-101 05:10:30 pm End : 17-Aug-101 05:18:20 pm

SAMSUNG/SCH-A399/C;824.70MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081730_ZOOM.VLT
Start : 17-Aug-101 04:59:46 pm End : 17-Aug-101 05:07:34 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SAMSUNG CDMA-MODE PHONE
CH 0363 Conducted 25.0 dBm
SAMSUNG CDMA-MODE PHONE - BODY SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.750, Y = -1.500, Z = 0.000 (cm) Value = 2.032

Measured Values (volts) =
1.857E-003 1.529E-003 1.272E-003 1.132E-003 9.394E-004 8.223E-004
7.354E-004 7.047E-004 6.402E-004 5.889E-004 5.560E-004 4.887E-004
4.267E-004 3.120E-004 2.567E-004 1.834E-004 1.859E-004 1.741E-004
1.806E-004 2.172E-004 2.233E-004

Calc. Voltage @ Surface (Vs) = 0.0022

Voltage @ 1.00 cm (Vt) = 0.0011

Ave. Voltage (Vs+Vt)/2 = 0.0017

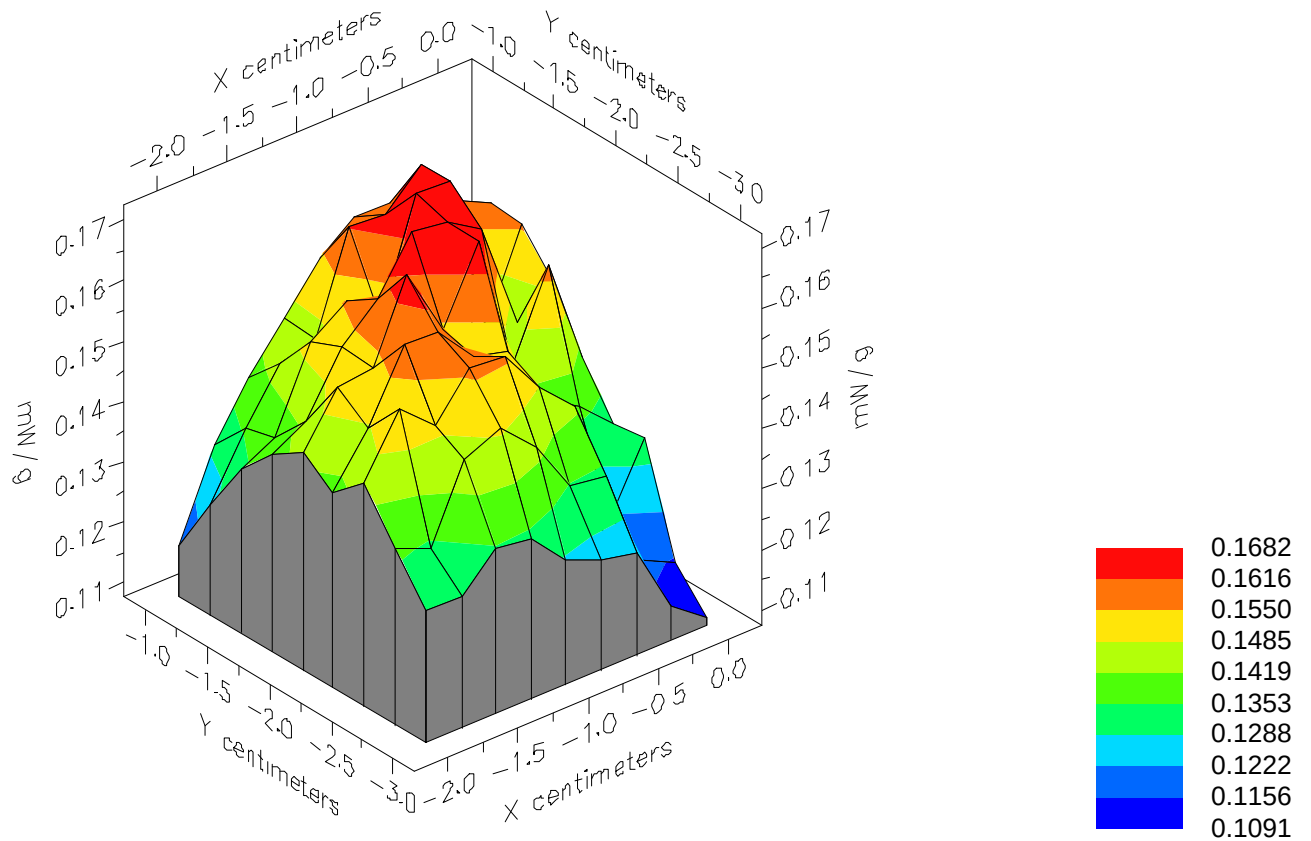
Ave. SAR over 1 g (mW/g) = 0.1397

File : 01081730_ZOOM

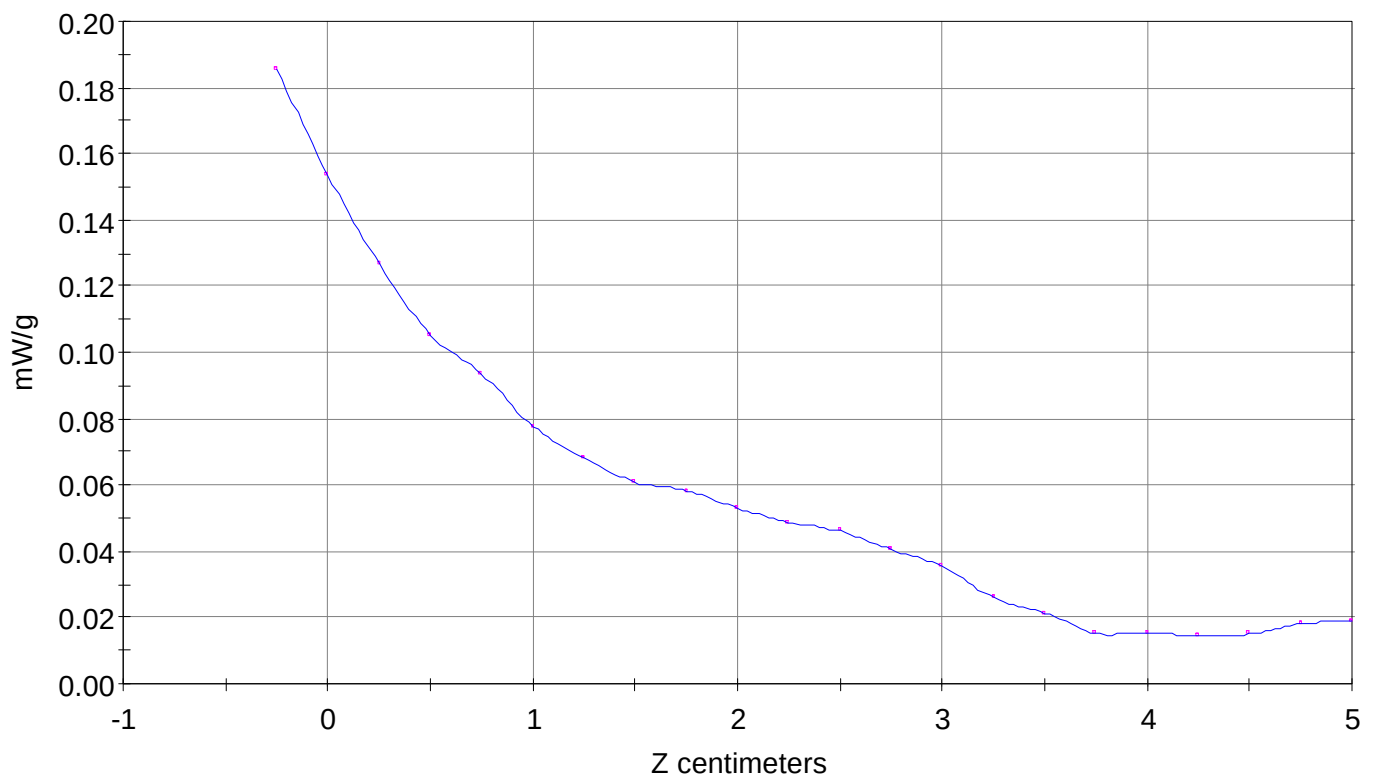
Start : 17-Aug-101 04:59:46 pm End : 17-Aug-101 05:07:34 pm

SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



SAR Scan
File : 01081730_ZOOM
Start : 17-Aug-101 04:59:46 pm End : 17-Aug-101 05:07:34 pm
SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

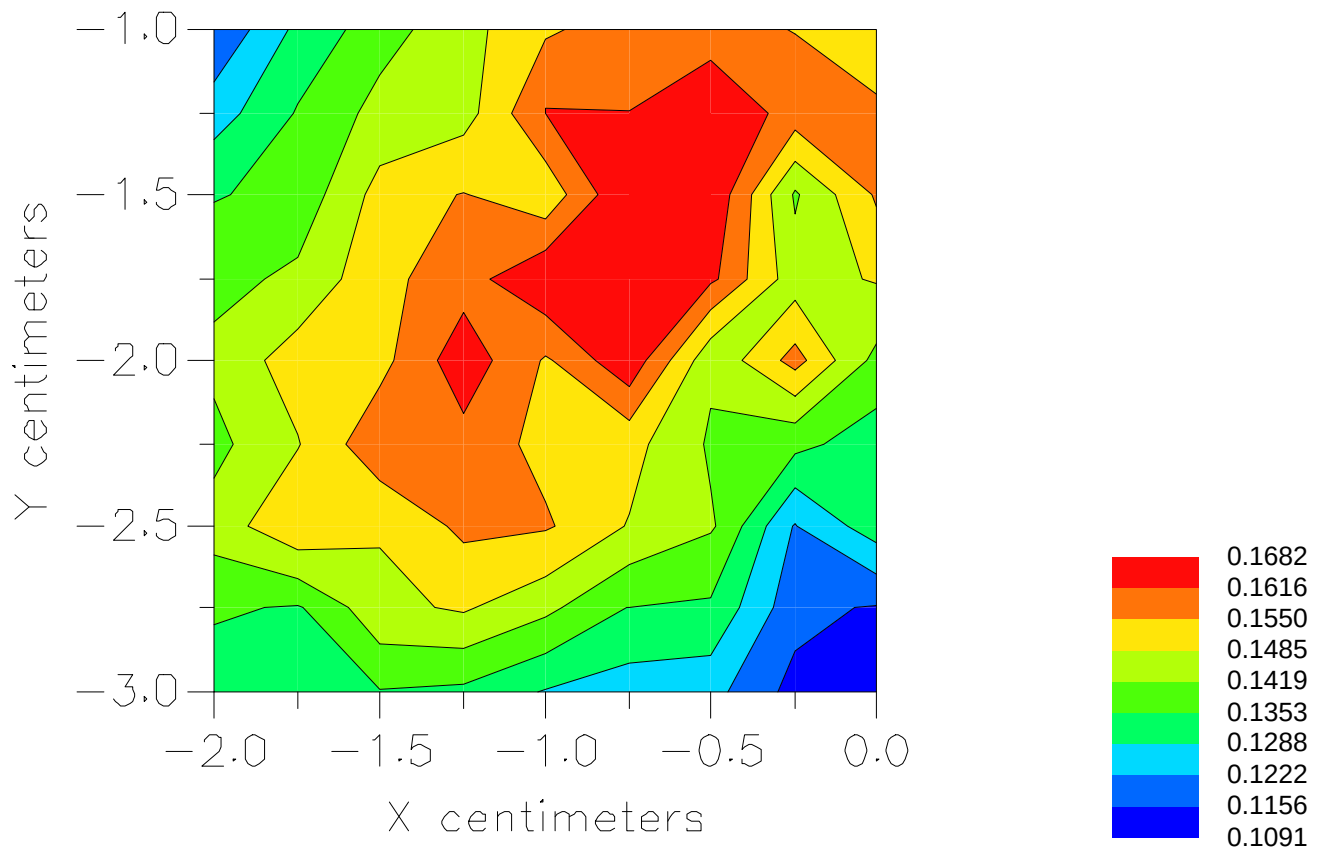


File : 01081730_ZOOM

Start : 17-Aug-101 04:59:46 pm End : 17-Aug-101 05:07:34 pm

SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081725_ZOOM.VLT
Start : 17-Aug-101 04:07:48 pm End : 17-Aug-101 04:21:04 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr : 0.320 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SAMSUNG CDMA-MODE PHONE
CH 0363 Conducted 25.0 dBm
SAMSUNG CDMA-MODE PHONE - BODY SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.750, Y = -2.250, Z = 0.000 (cm) Value = 4.202

Measured Values (volts) =
4.138E-003 3.190E-003 2.435E-003 2.029E-003 1.695E-003 1.438E-003
1.261E-003 1.193E-003 1.067E-003 9.736E-004 7.700E-004 6.420E-004
4.717E-004 3.037E-004 1.929E-004 1.332E-004 1.337E-004 1.670E-004
2.661E-004 3.076E-004 2.763E-004

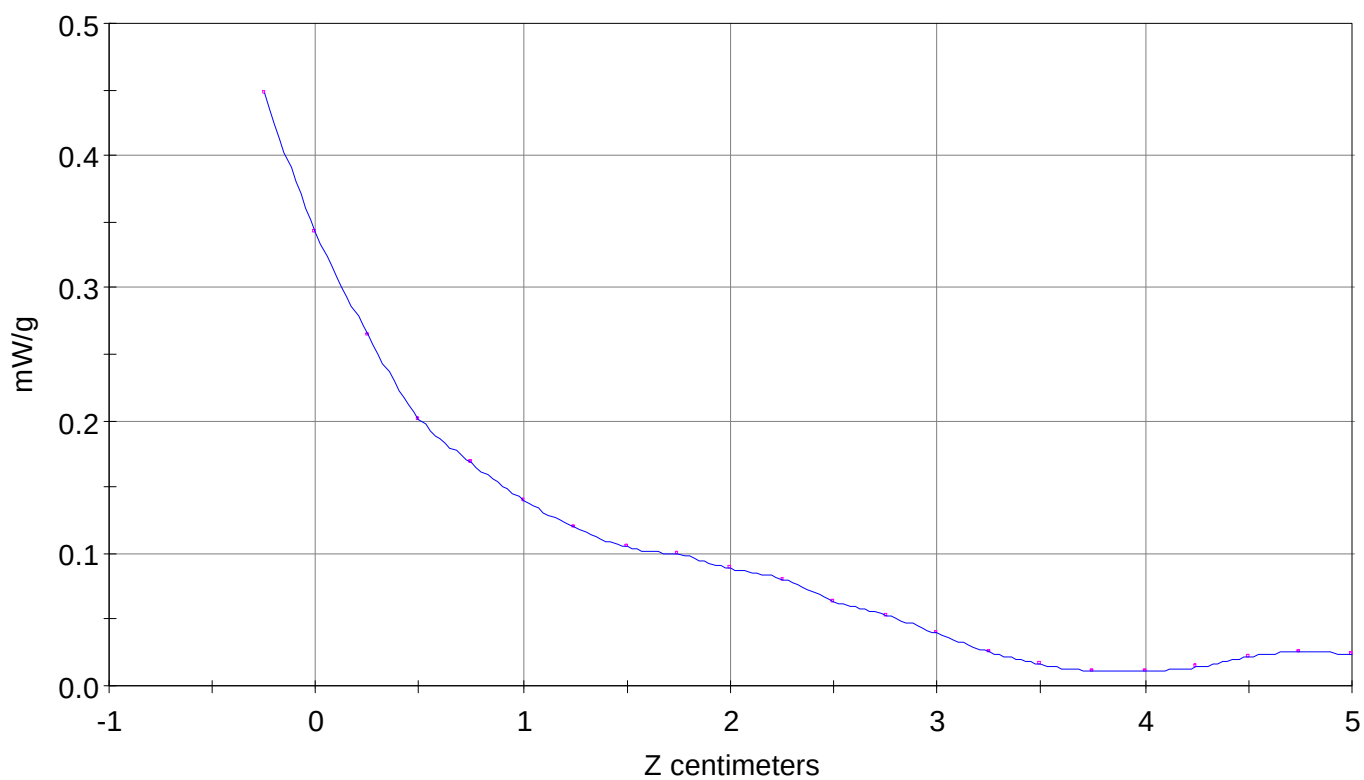
Calc. Voltage @ Surface (Vs) = 0.0054

Voltage @ 1.00 cm (Vt) = 0.0020

Ave. Voltage (Vs+Vt)/2 = 0.0037

Ave. SAR over 1 g (mW/g) = 0.3073

SAR Scan
File : 01081725_ZOOM
Start : 17-Aug-10 04:07:48 pm End : 17-Aug-10 04:21:04 pm
SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 Degrees Muscle/56.100/0.950

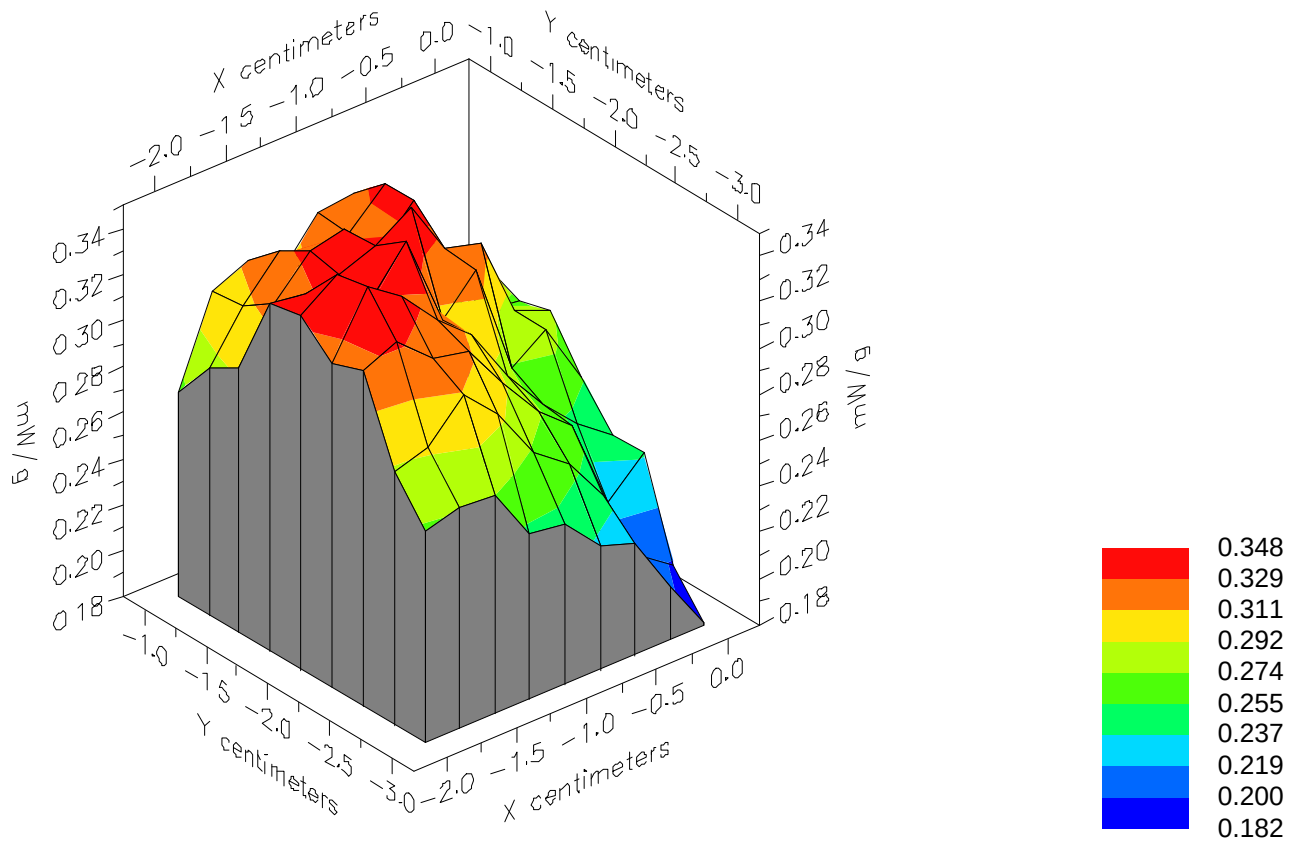


File : 01081725_ZOOM

Start : 17-Aug-101 04:07:48 pm End : 17-Aug-101 04:21:04 pm

SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

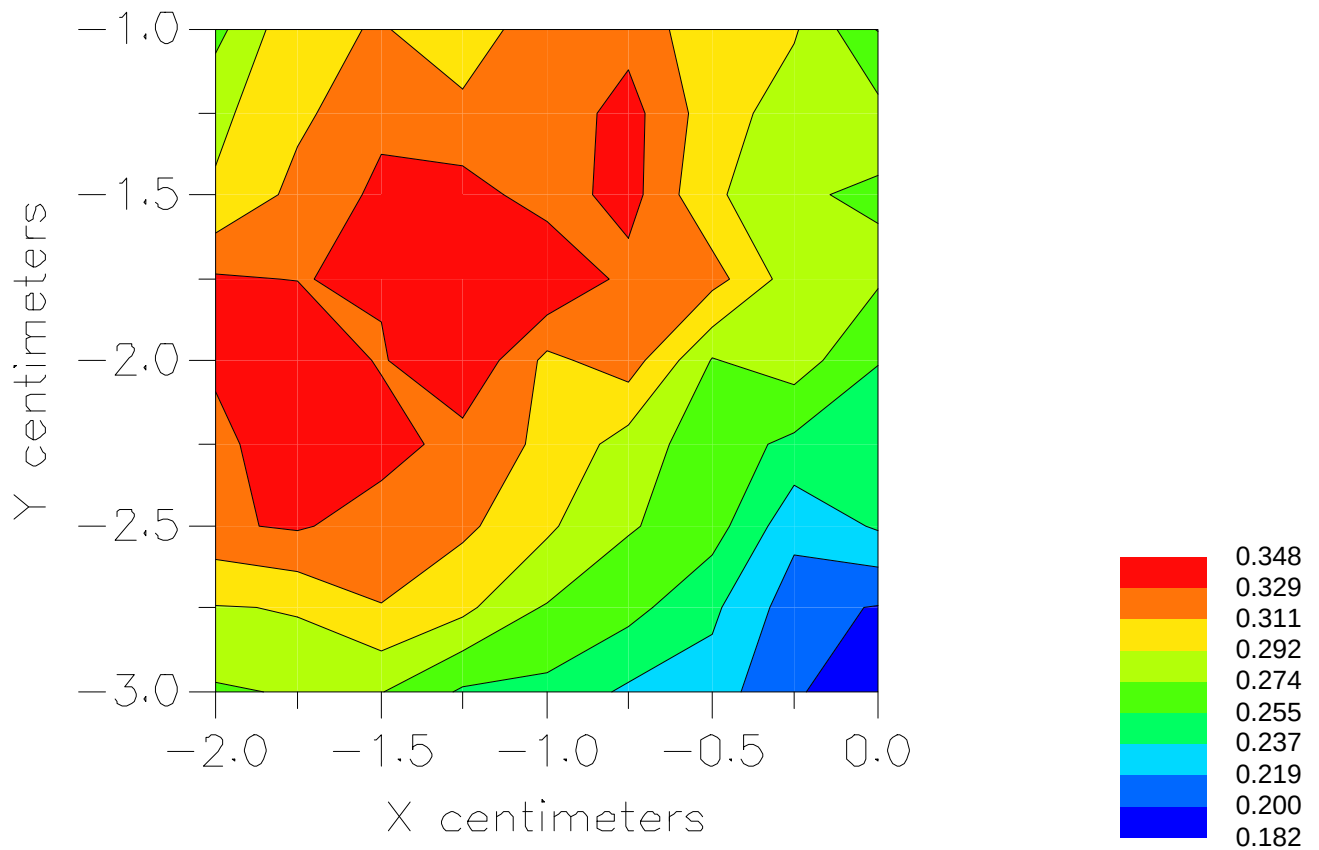


File : 01081725_ZOOM

Start : 17-Aug-101 04:07:48 pm End : 17-Aug-101 04:21:04 pm

SAMSUNG/SCH-A399/C;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081735_ZOOM.VLT
Start : 17-Aug-101 05:35:34 pm End : 17-Aug-101 05:43:22 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr : 0.320 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SAMSUNG CDMA-MODE PHONE
CH 0777 Conducted 25.0 dBm
SAMSUNG CDMA-MODE PHONE - BODY SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -1.500, Z = 0.000 (cm) Value = 7.192

Measured Values (volts) =
4.370E-003 3.618E-003 3.031E-003 2.513E-003 2.135E-003 1.846E-003
1.617E-003 1.508E-003 1.368E-003 1.257E-003 1.171E-003 1.033E-003
8.679E-004 6.711E-004 5.360E-004 3.305E-004 2.913E-004 2.299E-004
2.547E-004 3.501E-004 3.550E-004

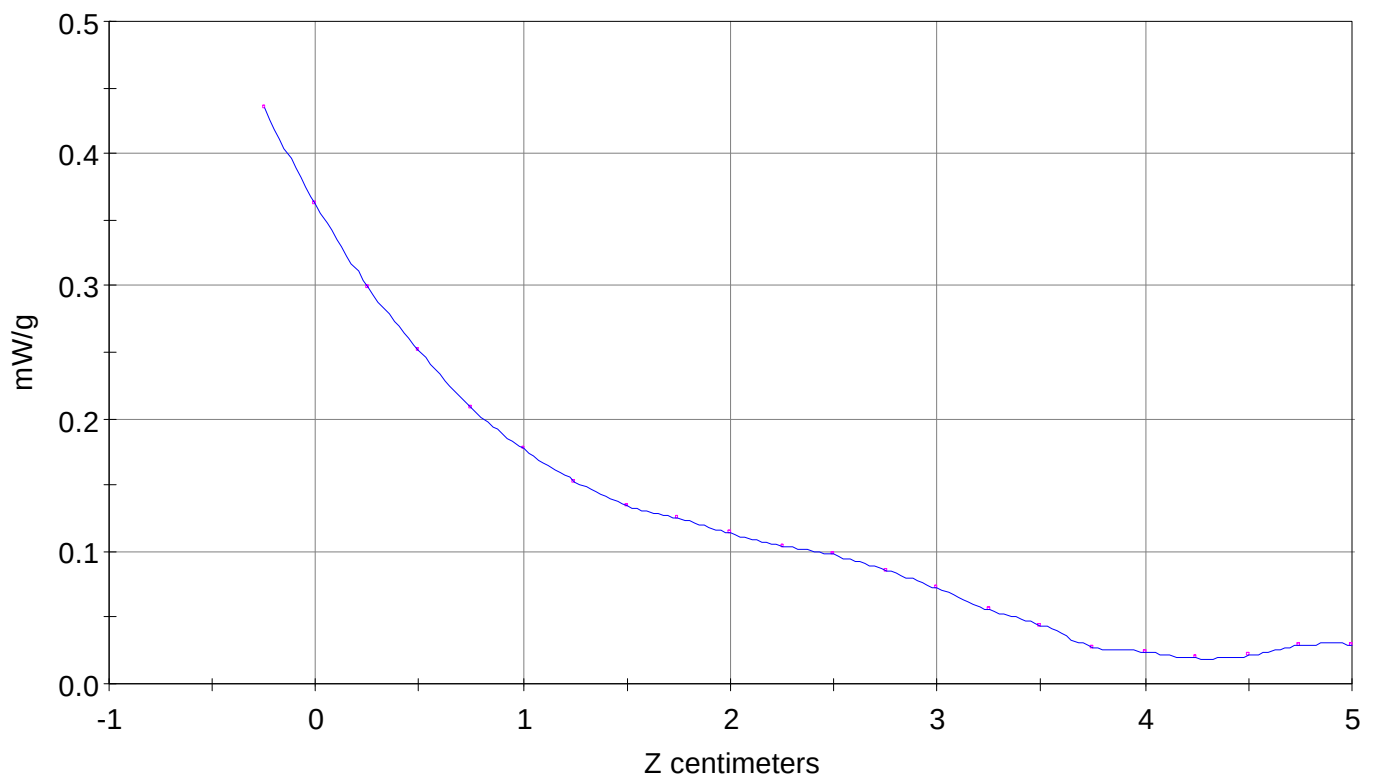
Calc. Voltage @ Surface (Vs) = 0.0052

Voltage @ 1.00 cm (Vt) = 0.0025

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

Ave. SAR over 1 g (mW/g) = 0.3212

SAR Scan
File : 01081735_ZOOM
Start : 17-Aug-10 05:35:34 pm End : 17-Aug-10 05:43:22 pm
SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 Degrees Muscle/56.100/0.950

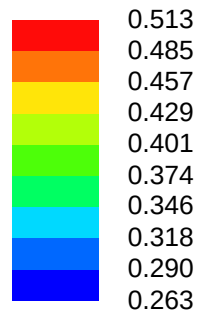
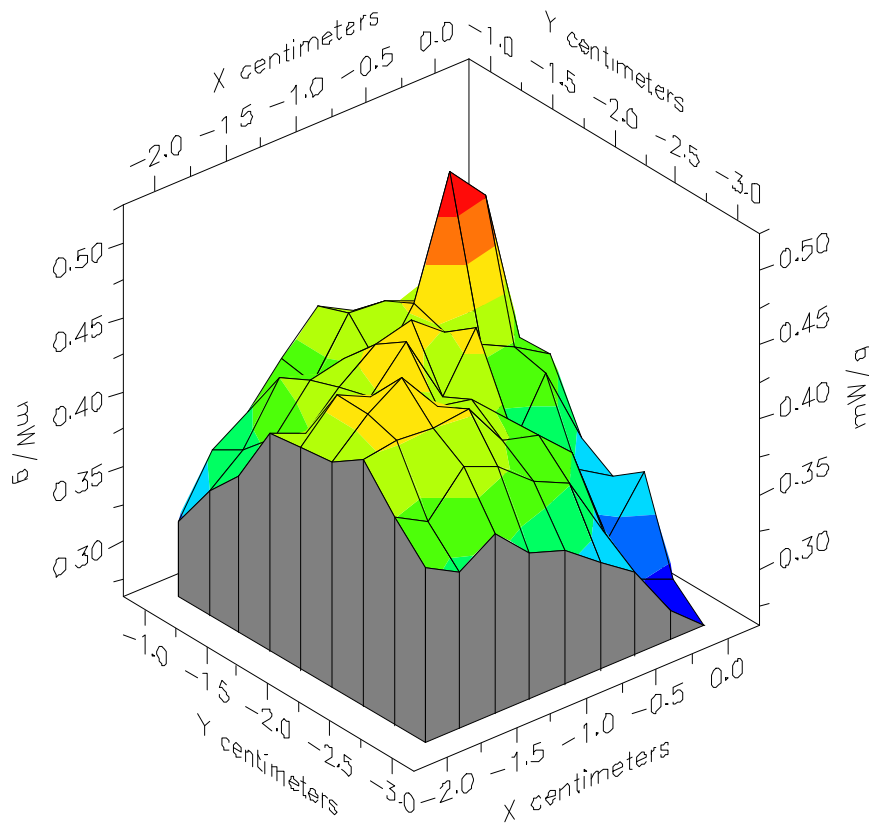


File : 01081735_ZOOM

Start : 17-Aug-101 05:35:34 pm End : 17-Aug-101 05:43:22 pm

SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

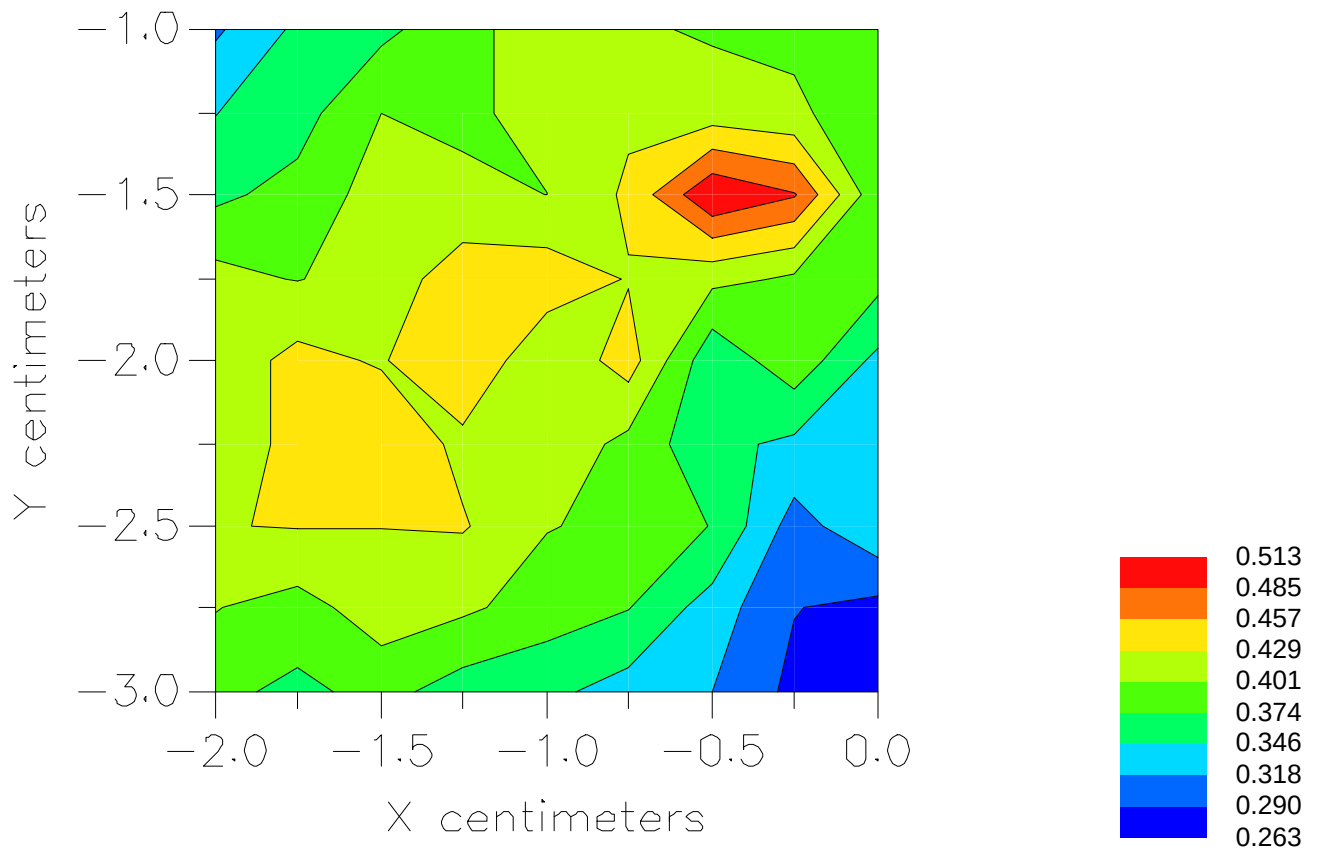


File : 01081735_ZOOM

Start : 17-Aug-101 05:35:34 pm End : 17-Aug-101 05:43:22 pm

SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081718_ZOOM.VLT
Start : 17-Aug-101 02:53:36 pm End : 17-Aug-101 03:01:43 pm

Radio Type : SAMSUNG
Model Number : SCH-A399
Serial Number : C
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SAMSUNG CDMA-MODE PHONE
CH 0777 Conducted 25.0 dBm
SAMSUNG CDMA-MODE PHONE - BODY SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.000, Y = -1.500, Z = 0.000 (cm) Value = 7.854

Measured Values (volts) =
6.772E-003 5.425E-003 4.597E-003 3.766E-003 3.108E-003 2.640E-003
2.359E-003 2.153E-003 1.957E-003 1.836E-003 1.648E-003 1.411E-003
1.194E-003 8.945E-004 6.348E-004 3.867E-004 2.650E-004 2.618E-004
3.377E-004 4.722E-004 5.925E-004

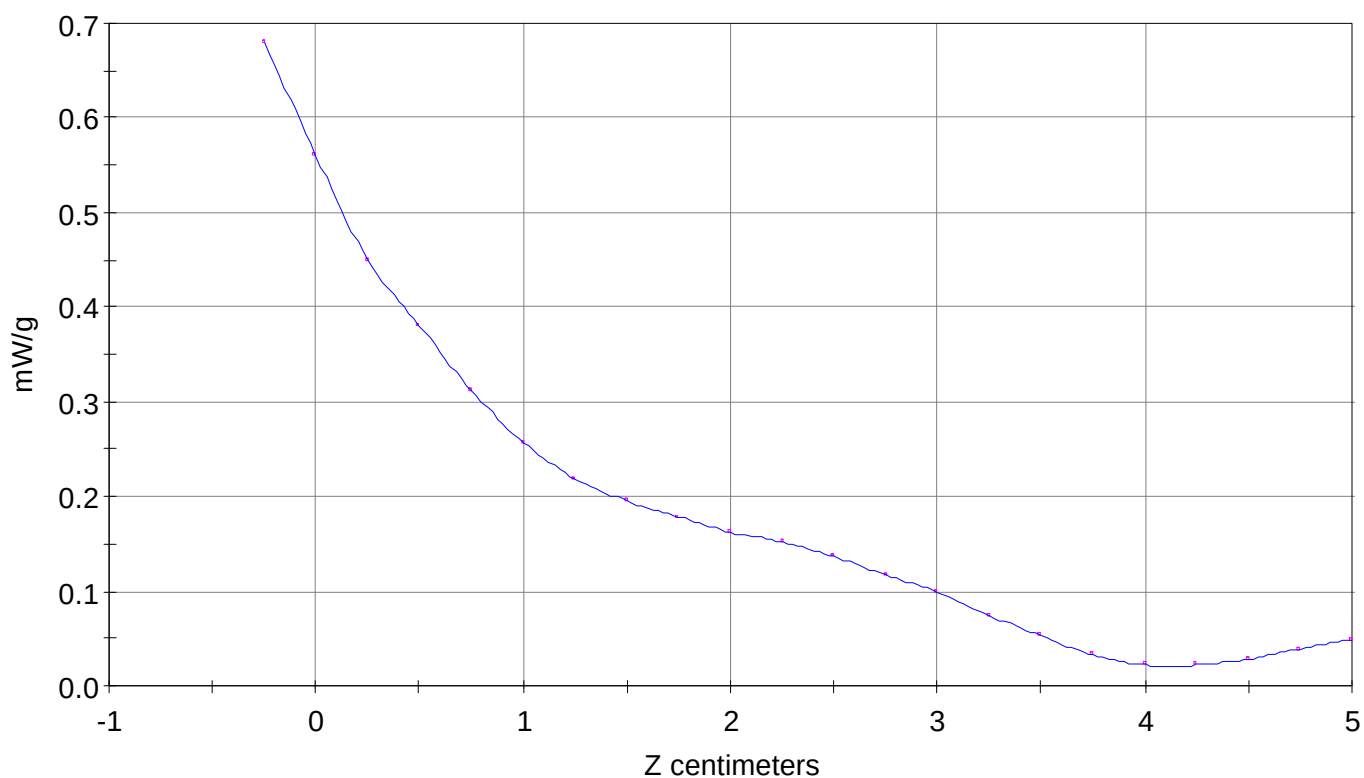
Calc. Voltage @ Surface (Vs) = 0.0082

Voltage @ 1.00 cm (Vt) = 0.0038

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

Ave. SAR over 1 g (mW/g) = 0.4961

SAR Scan
File : 01081718_ZOOM
Start : 17-Aug-10 02:53:36 pm End : 17-Aug-10 03:01:43 pm
SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 Degrees Muscle/56.100/0.950

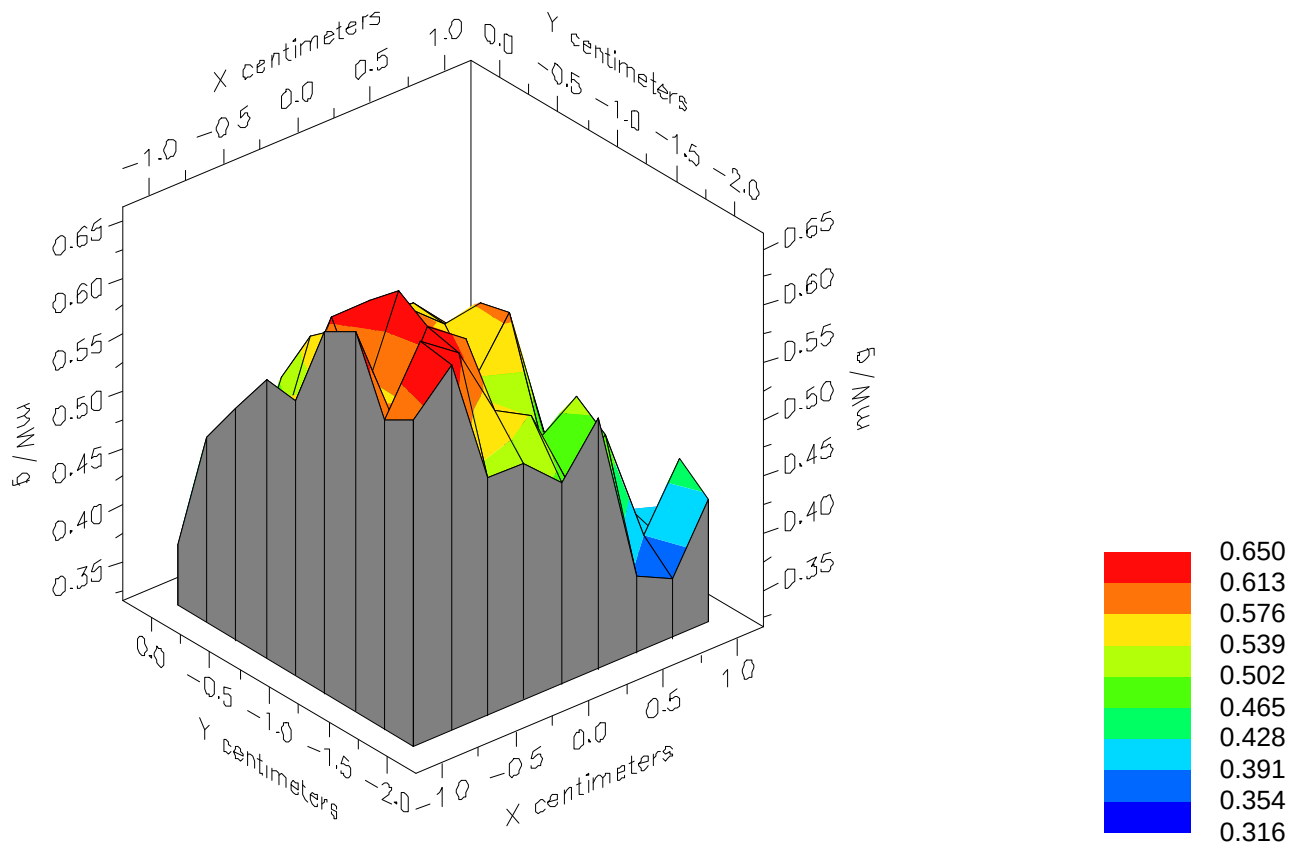


File : 01081718_ZOOM

Start : 17-Aug-101 02:53:36 pm End : 17-Aug-101 03:01:43 pm

SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : 01081718_ZOOM

Start : 17-Aug-101 02:53:36 pm End : 17-Aug-101 03:01:43 pm

SAMSUNG/SCH-A399/C;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

