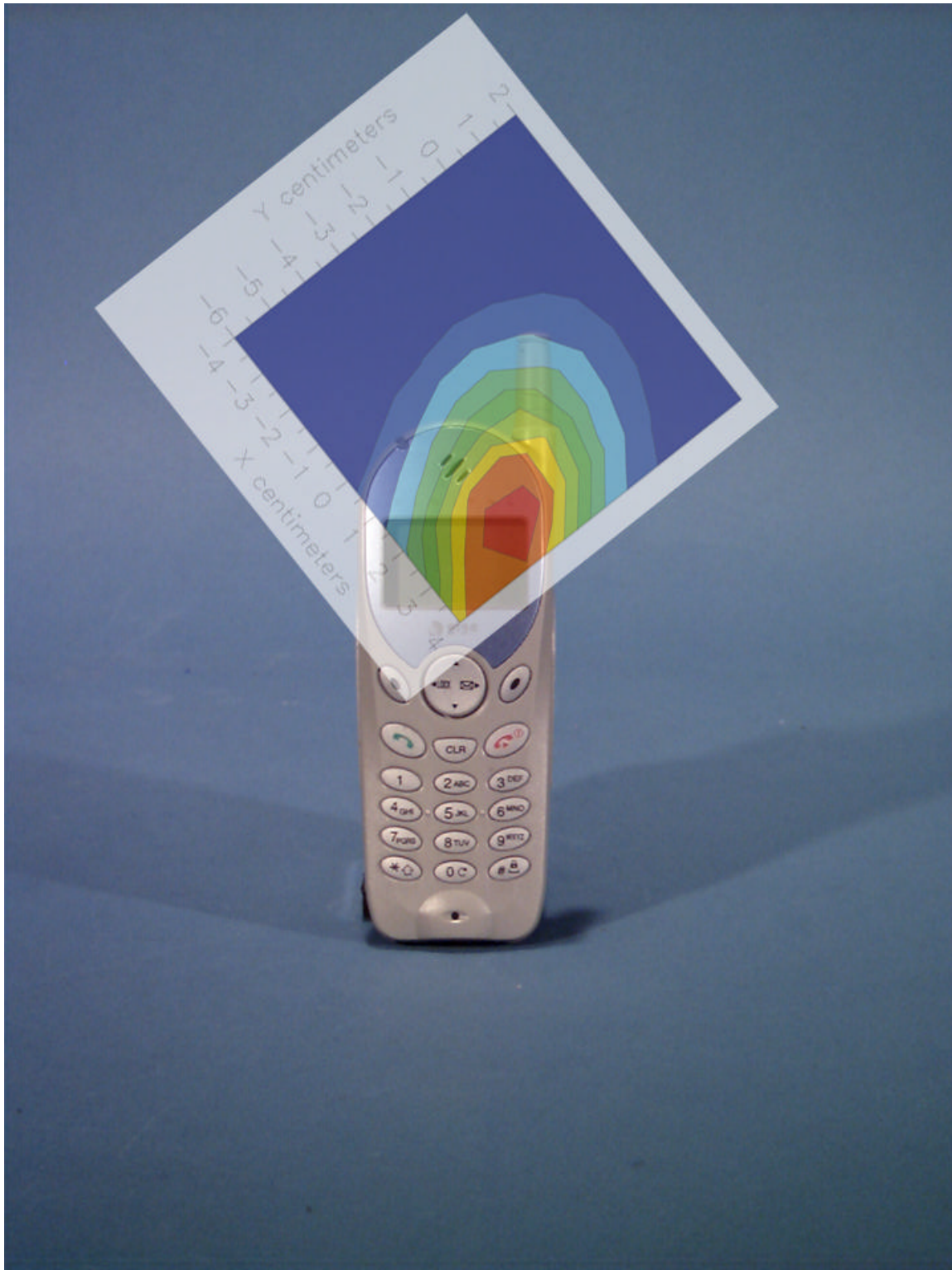


ATTACHMENT O – SAR TEST DATA

Peak SAR Location

Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081321_ZOOM.VLT
Start : 13-Aug-101 05:44:44 pm End : 13-Aug-101 05:54:24 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 27.2 dBm
GIGA DUAL-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 = 2.500, Y = -4.750, Z = 0.000 (cm) Value = 13.955

Measured Values (volts) =
1.373E-002 9.970E-003 7.948E-003 6.356E-003 5.219E-003 4.239E-003
3.468E-003 2.772E-003 2.274E-003 1.972E-003 1.737E-003 1.589E-003
1.462E-003 1.373E-003 1.204E-003 1.037E-003 8.267E-004 5.801E-004
4.046E-004 2.599E-004 2.614E-004

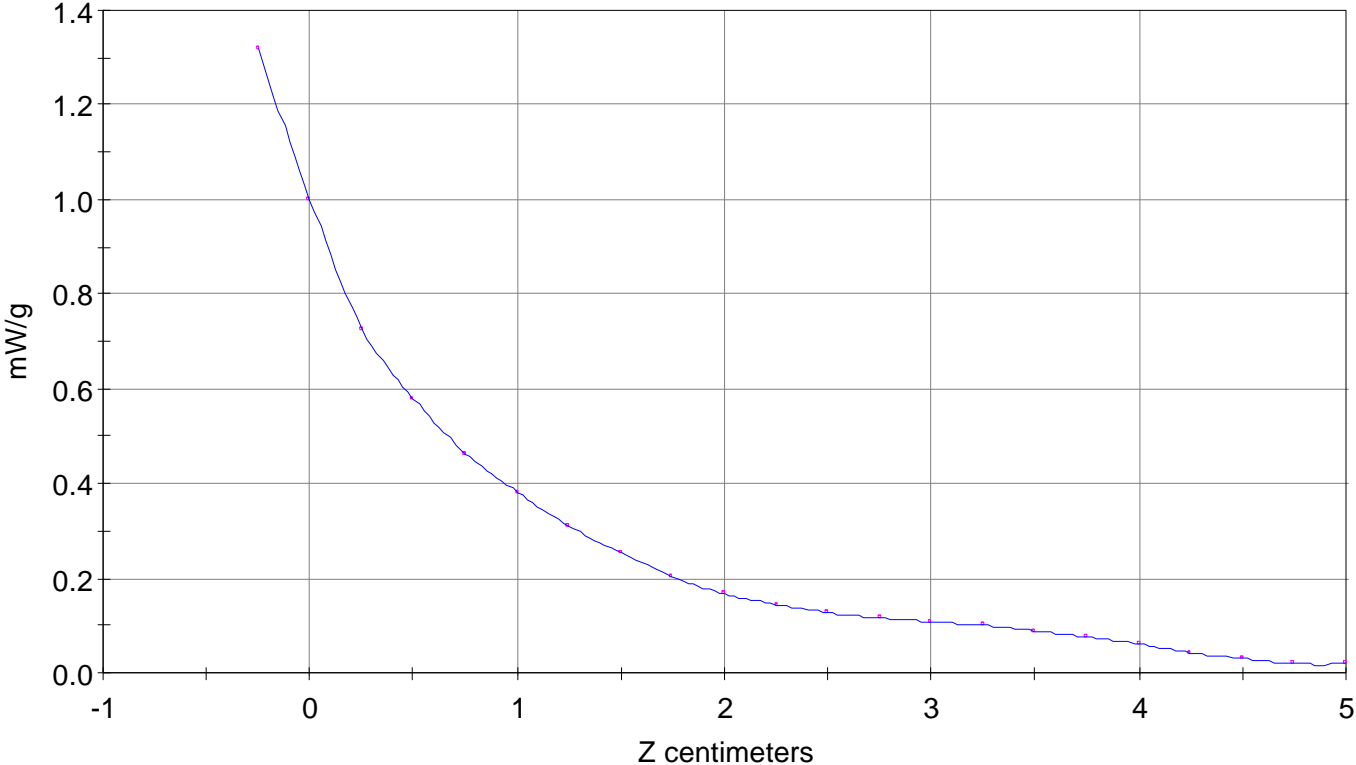
Calc. Voltage @ Surface (Vs) = 0.0181

Voltage @ 1.00 cm (Vt) = 0.0064

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

Ave. SAR over 1 g (mW/g) = 0.8906

SAR Scan
File : 01081321_ZOOM
Start : 13-Aug-101 05:44:44 pm End : 13-Aug-101 05:54:24 pm
GIGA/GDM-110/81;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

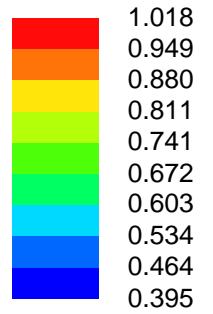
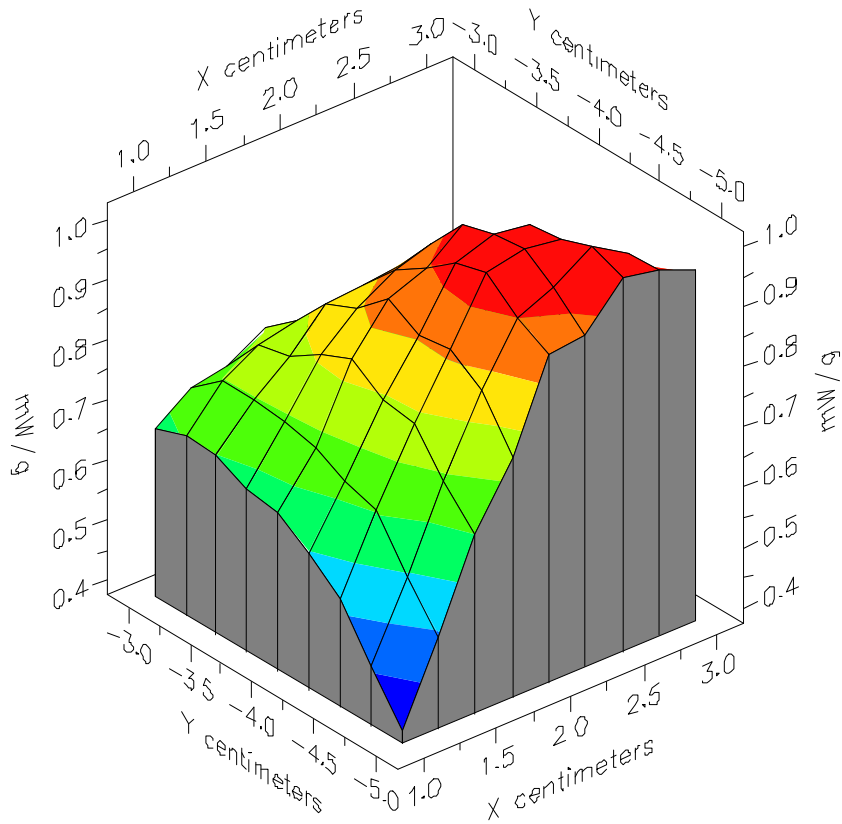


File : 01081321_ZOOM

Start : 13-Aug-101 05:44:44 pm End : 13-Aug-101 05:54:24 pm

GIGA/GDM-110/81;824.04MHz;W;Helical/In;

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

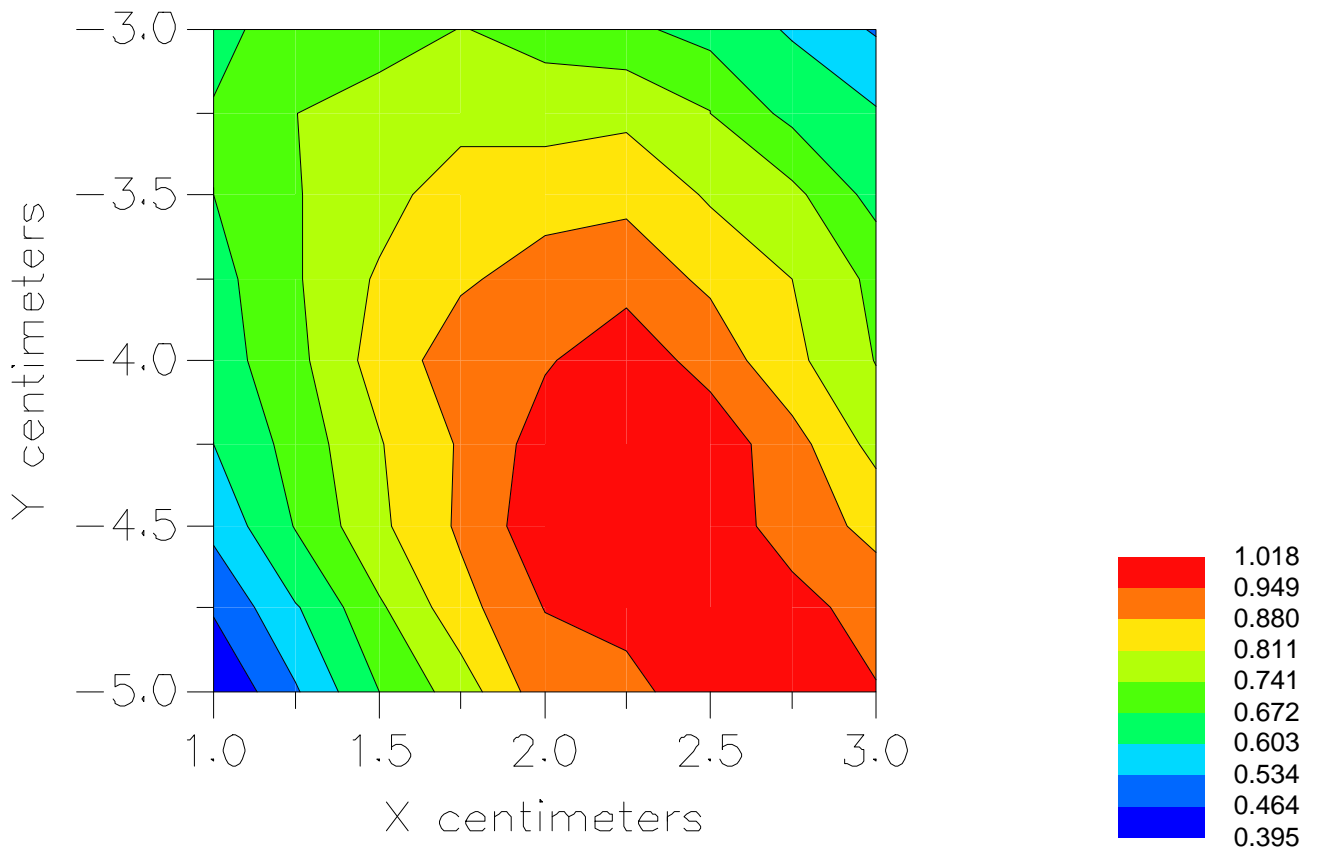


File : 01081321_ZOOM

Start : 13-Aug-101 05:44:44 pm End : 13-Aug-101 05:54:24 pm

GIGA/GDM-110/81;824.04MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081508_ZOOM.VLT
Start : 15-Aug-101 10:39:52 am End : 15-Aug-101 10:49:25 am

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 27.2 dBm
GIGA DUAL-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 = 1.250, Y = -3.500, Z = 0.000 (cm) Value = 9.881

Measured Values (volts) =
9.273E-003 7.257E-003 5.791E-003 4.727E-003 3.964E-003 3.423E-003
3.126E-003 2.948E-003 2.835E-003 2.721E-003 2.496E-003 2.181E-003
1.870E-003 1.477E-003 1.057E-003 7.371E-004 5.411E-004 5.013E-004
5.668E-004 7.044E-004 9.134E-004

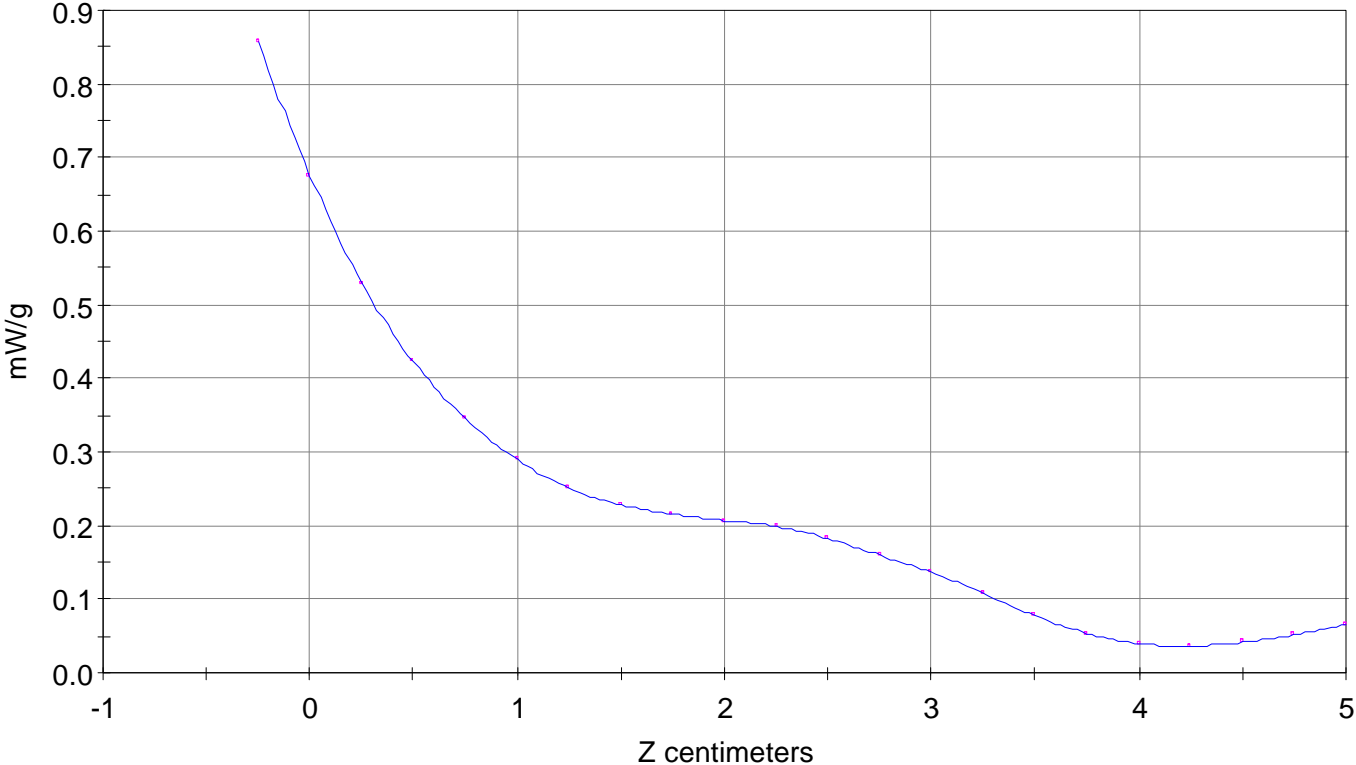
Calc. Voltage @ Surface (Vs) = 0.0117

Voltage @ 1.00 cm (Vt) = 0.0047

Ave. Voltage (Vs+Vt)/2 = 0.0082

Ave. SAR over 1 g (mW/g) = 0.6005

SAR Scan
File : 01081508_ZOOM
Start : 15-Aug-101 10:39:52 am End : 15-Aug-101 10:49:25 am
GIGA/GDM-110/81;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

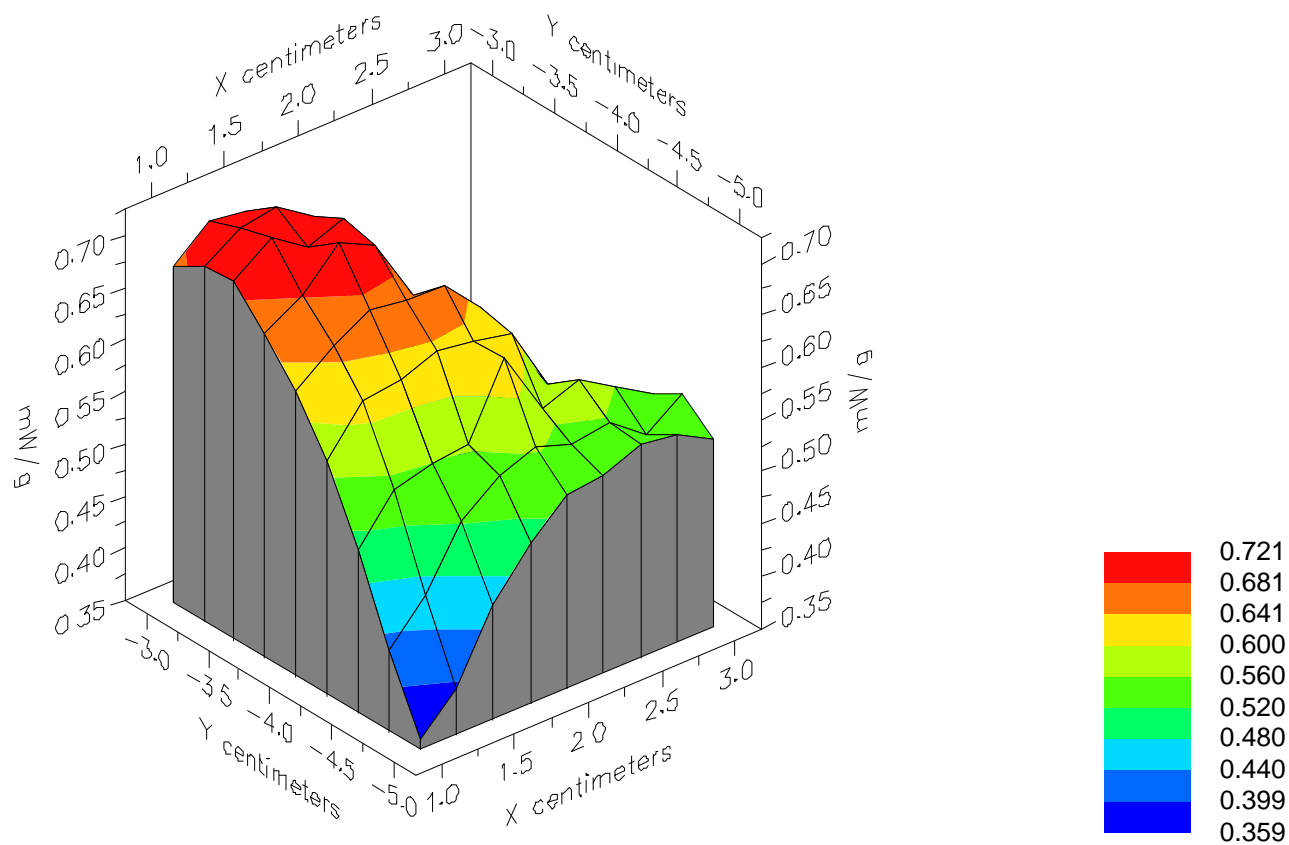


File : 01081508_ZOOM

Start : 15-Aug-101 10:39:52 am End : 15-Aug-101 10:49:25 am

GIGA/GDM-110/81;824.04MHz;W;Helical/Out;

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

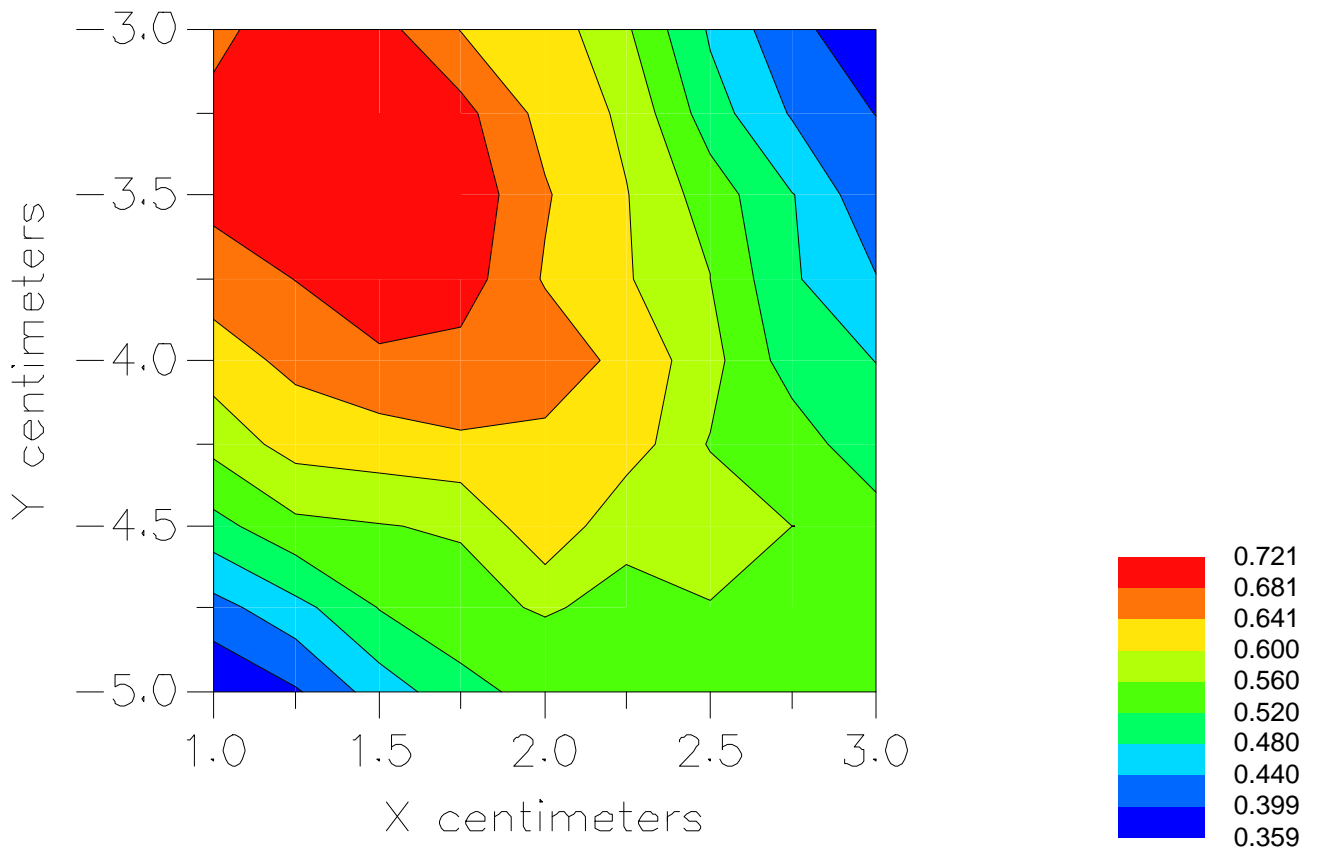


File : 01081508_ZOOM

Start : 15-Aug-101 10:39:52 am End : 15-Aug-101 10:49:25 am

GIGA/GDM-110/81;824.04MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081425_ZOOM.VLT
Start : 14-Aug-101 04:33:46 pm End : 14-Aug-101 04:43:24 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr : 0.560 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 :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0383 Conducted 27.5 dBm
GIGA DUAL-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 = 2.000, Y = -4.250, Z = 0.000 (cm) Value = 21.038

Measured Values (volts) =
2.033E-002 1.602E-002 1.269E-002 1.057E-002 8.722E-003 7.354E-003
5.908E-003 4.897E-003 3.926E-003 3.327E-003 2.917E-003 2.677E-003
2.494E-003 2.338E-003 2.147E-003 1.910E-003 1.509E-003 1.124E-003
8.397E-004 5.163E-004 3.628E-004

Calc. Voltage @ Surface (Vs) = 0.0257

Voltage @ 1.00 cm (Vt) = 0.0106

Ave. Voltage (Vs+Vt)/2 = 0.0182

Ave. SAR over 1 g (mW/g) = 1.3245

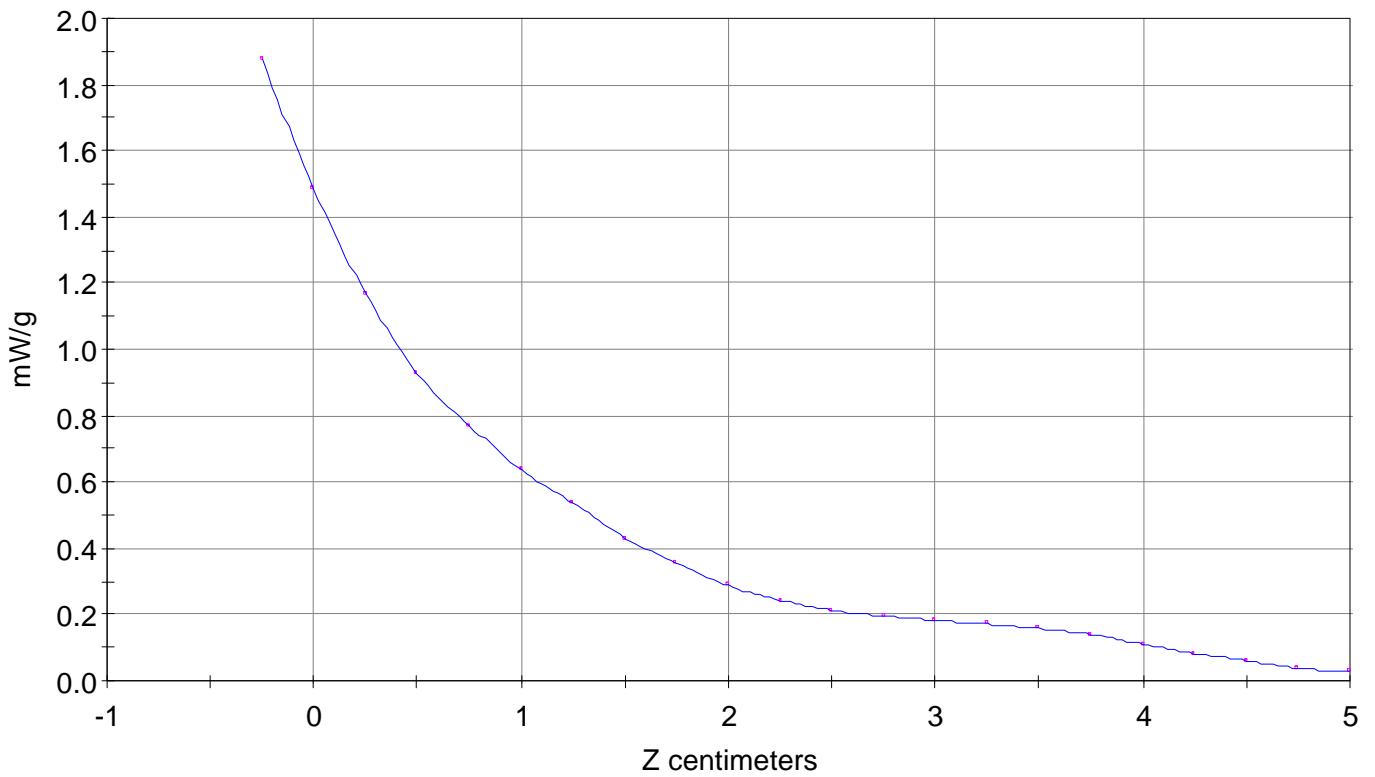
SAR Scan

File : 01081425_ZOOM

Start : 14-Aug-101 04:33:46 pm End : 14-Aug-101 04:43:24 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/In;

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

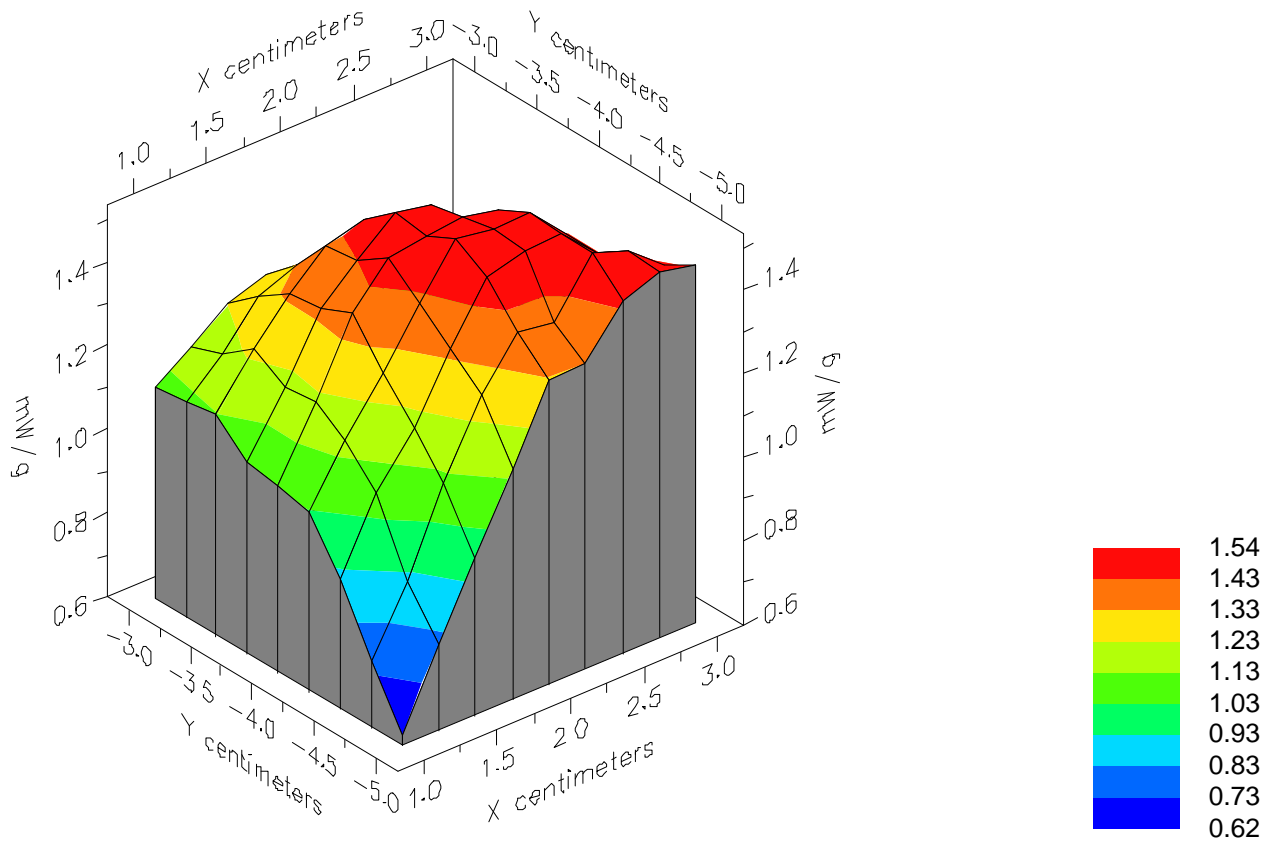


File : 01081425_ZOOM

Start : 14-Aug-101 04:33:46 pm End : 14-Aug-101 04:43:24 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/In;

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

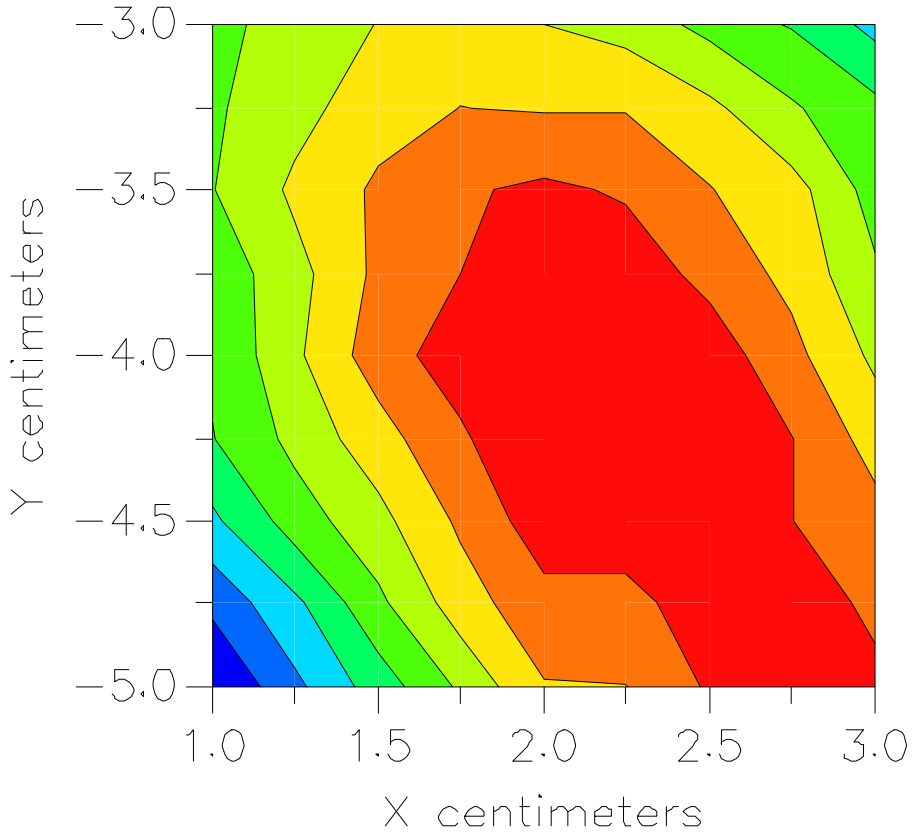


File : 01081425_ZOOM

Start : 14-Aug-101 04:33:46 pm End : 14-Aug-101 04:43:24 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081506_ZOOM.VLT
Start : 15-Aug-101 10:11:11 am End : 15-Aug-101 10:22:43 am

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0383 Conducted 27.2 dBm
GIGA DUAL-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 = 1.750, Y = -3.500, Z = 0.000 (cm) Value = 20.510

Measured Values (volts) =
2.027E-002 1.640E-002 1.297E-002 1.036E-002 8.724E-003 7.447E-003
6.728E-003 6.280E-003 5.975E-003 5.608E-003 5.129E-003 4.517E-003
3.599E-003 2.844E-003 1.987E-003 1.425E-003 1.055E-003 9.708E-004
1.195E-003 1.568E-003 2.009E-003

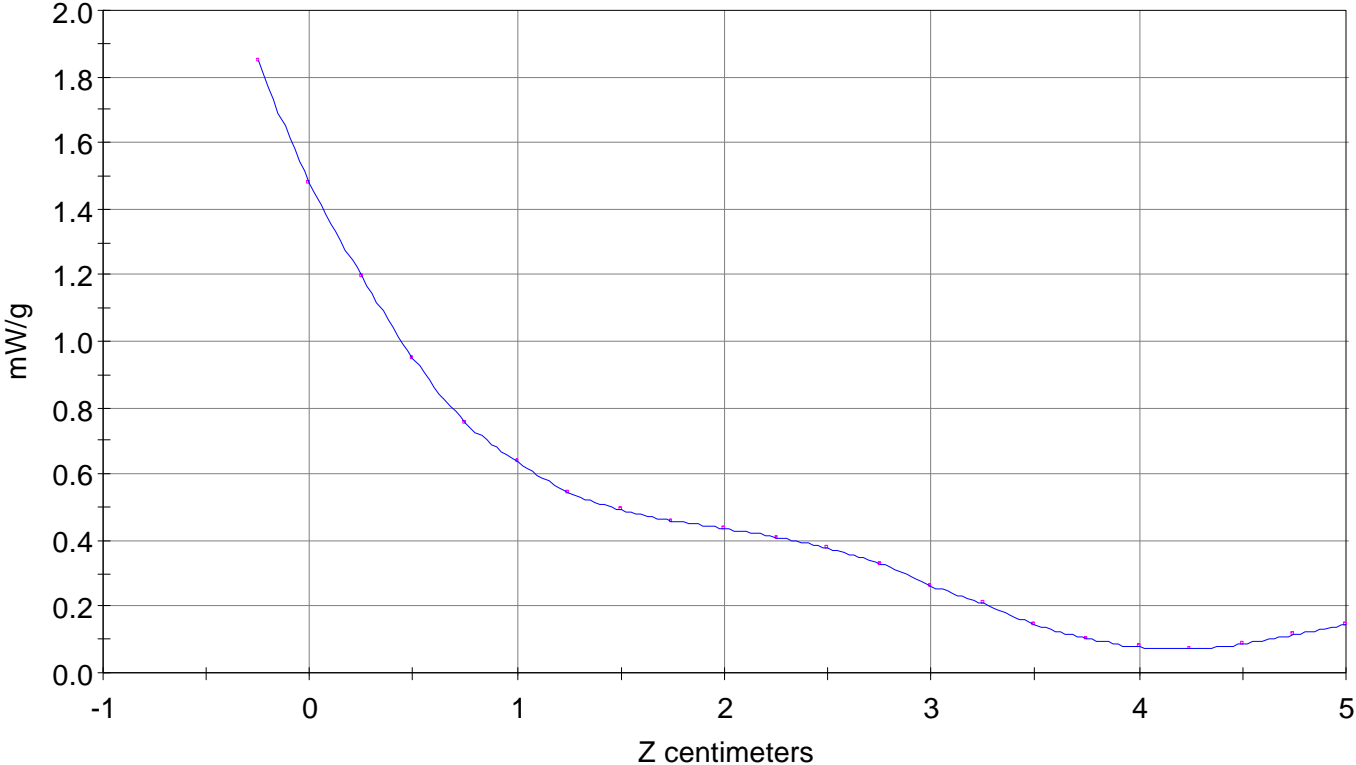
Calc. Voltage @ Surface (Vs) = 0.0253

Voltage @ 1.00 cm (Vt) = 0.0104

Ave. Voltage (Vs+Vt)/2 = 0.0178

Ave. SAR over 1 g (mW/g) = 1.3023

SAR Scan
File : 01081506_ZOOM
Start : 15-Aug-101 10:11:11 am End : 15-Aug-101 10:22:43 am
GIGA/GDM-110/81;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

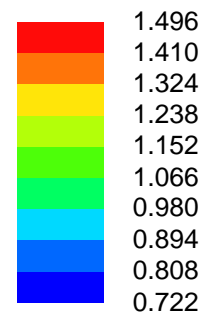
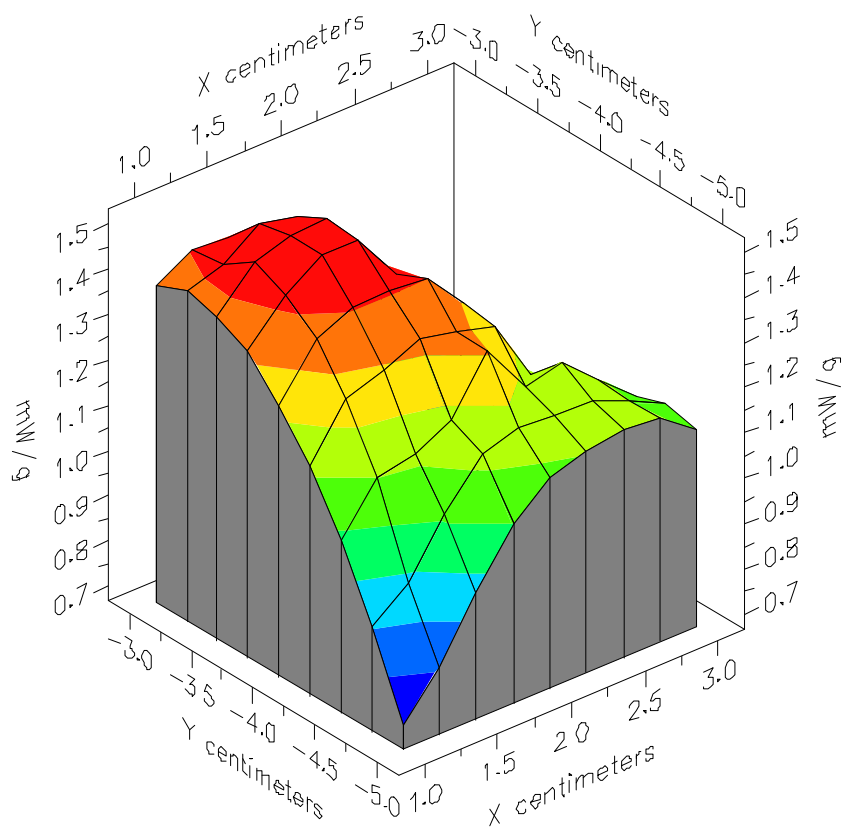


File : 01081506_ZOOM

Start : 15-Aug-101 10:11:11 am End : 15-Aug-101 10:22:43 am

GIGA/GDM-110/81;836.49MHz;W;Helical/Out;

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

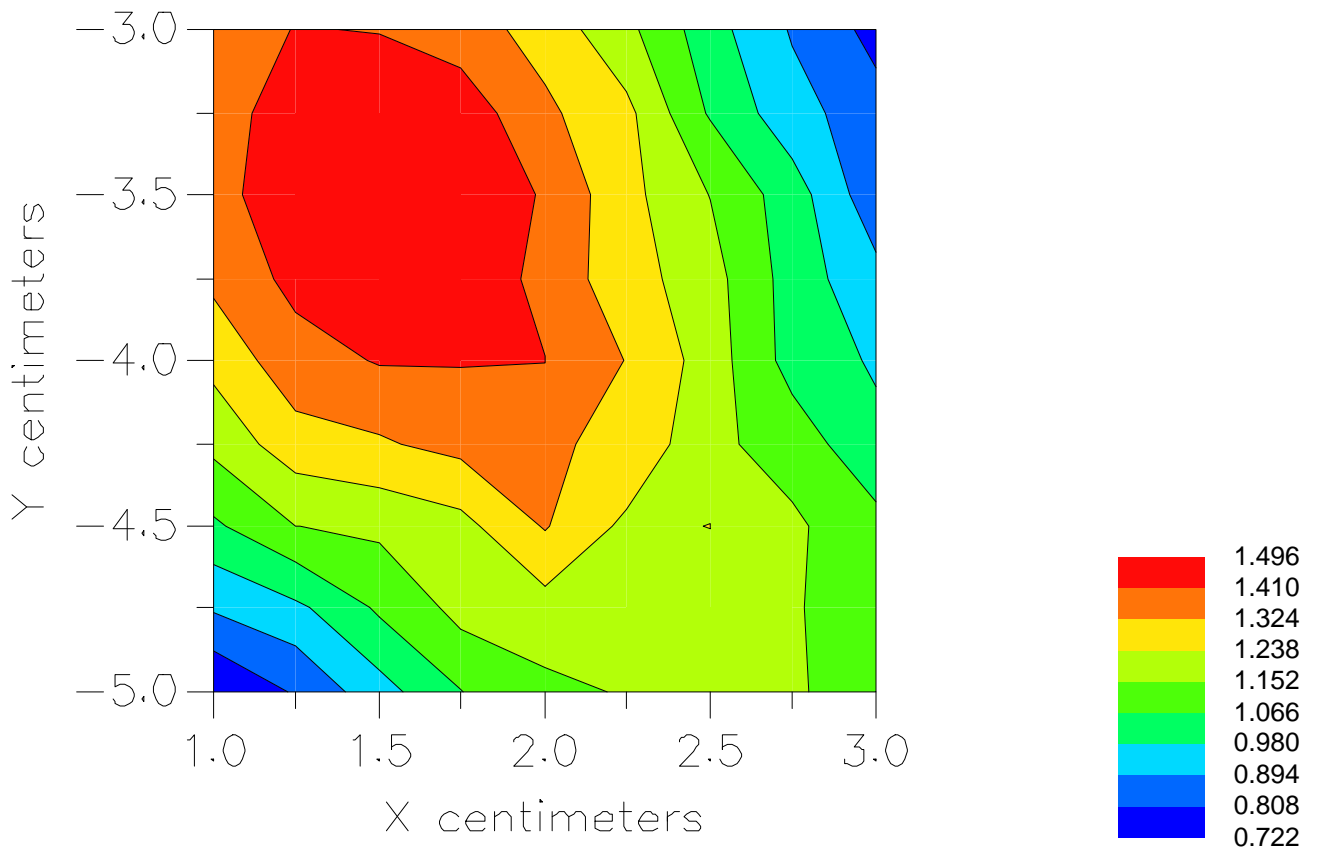


File : 01081506_ZOOM

Start : 15-Aug-101 10:11:11 am End : 15-Aug-101 10:22:43 am

GIGA/GDM-110/81;836.49MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081427_ZOOM.VLT
Start : 14-Aug-101 05:54:33 pm End : 14-Aug-101 06:04:12 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 27.2 dBm
GIGA DUAL-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 = 2.000, Y = -4.250, Z = 0.000 (cm) Value = 14.883

Measured Values (volts) =
1.431E-002 1.118E-002 9.124E-003 7.798E-003 6.667E-003 5.753E-003
4.811E-003 4.244E-003 3.610E-003 3.208E-003 2.964E-003 2.823E-003
2.730E-003 2.651E-003 2.574E-003 2.432E-003 2.252E-003 2.032E-003
1.858E-003 1.646E-003 1.556E-003

Calc. Voltage @ Surface (Vs) = 0.0179

Voltage @ 1.00 cm (Vt) = 0.0078

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

Ave. SAR over 1 g (mW/g) = 0.9384

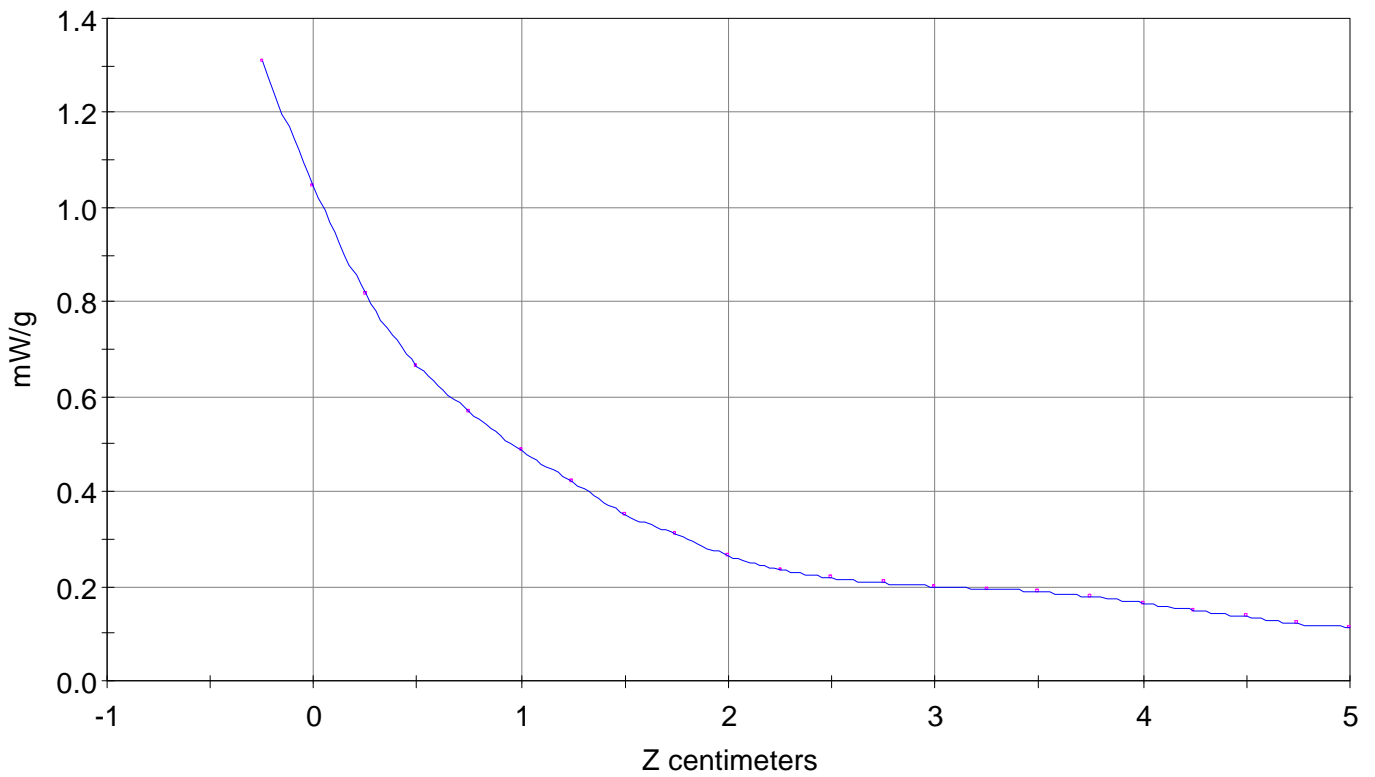
SAR Scan

File : 01081427_ZOOM

Start : 14-Aug-101 05:54:33 pm End : 14-Aug-101 06:04:12 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/In;

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

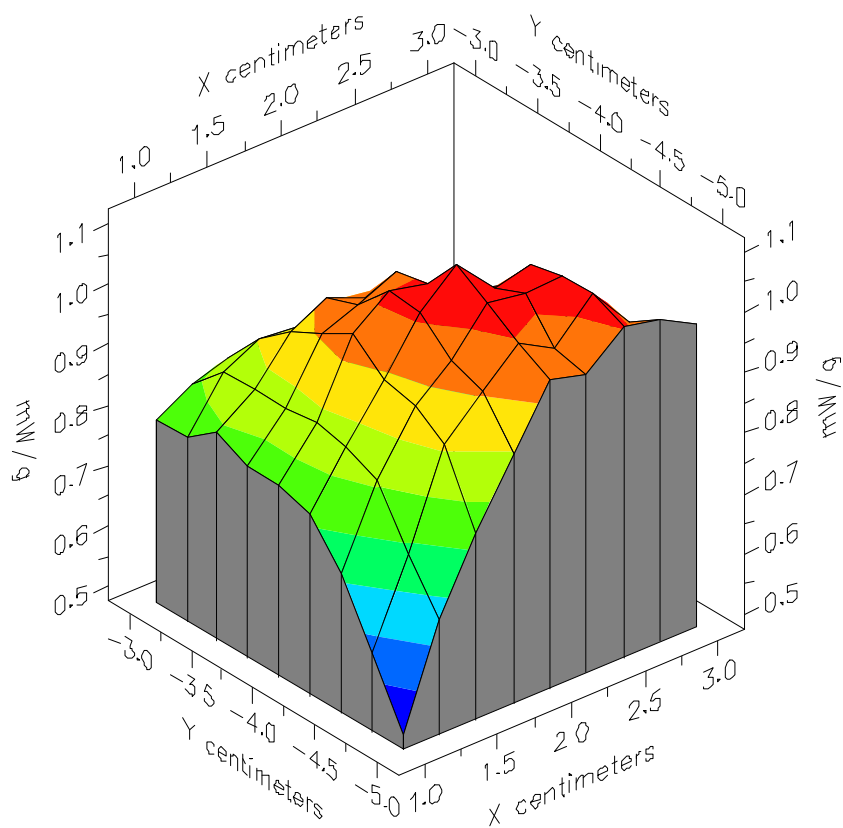


File : 01081427_ZOOM

Start : 14-Aug-101 05:54:33 pm End : 14-Aug-101 06:04:12 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/In;

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

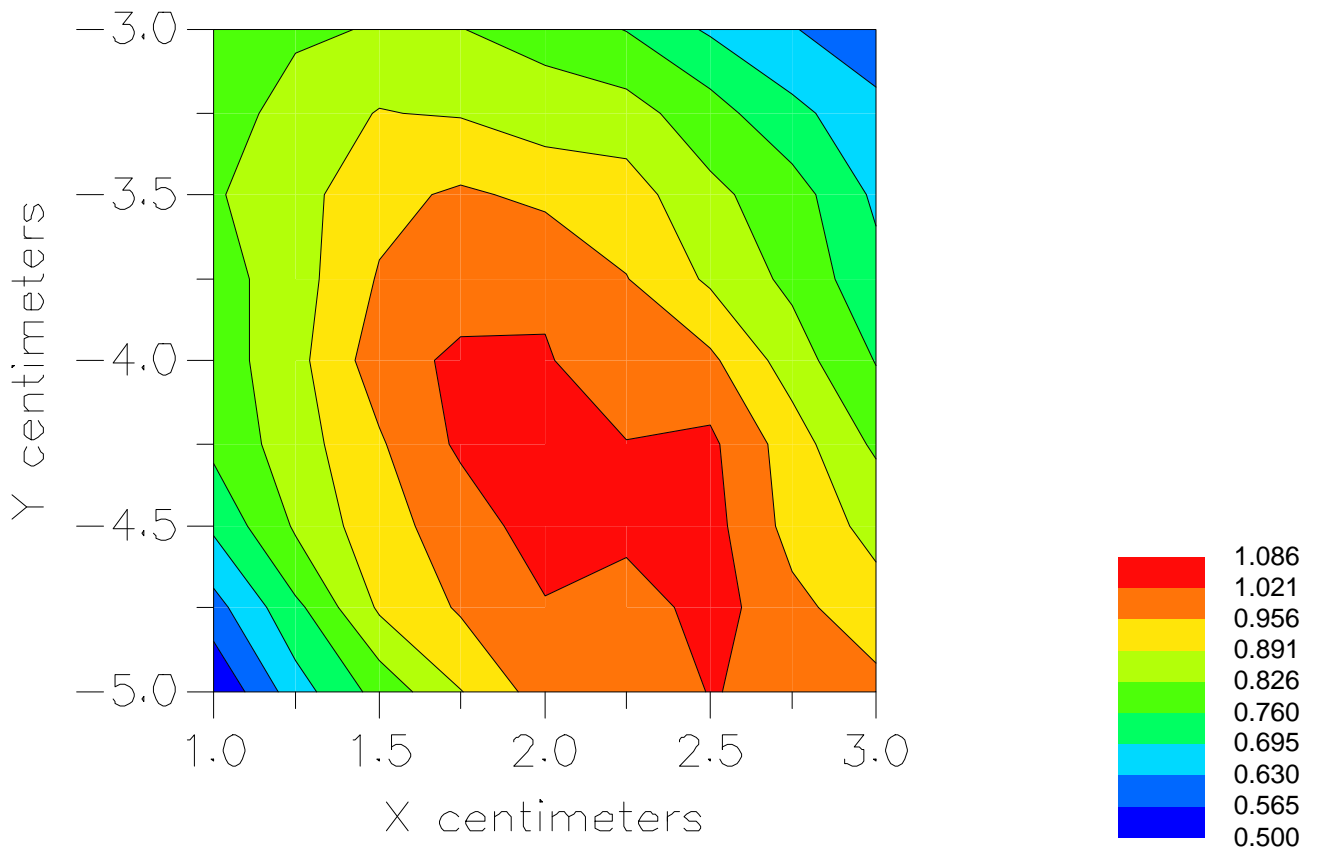


File : 01081427_ZOOM

Start : 14-Aug-101 05:54:33 pm End : 14-Aug-101 06:04:12 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081507_ZOOM.VLT
Start : 15-Aug-101 10:25:37 am End : 15-Aug-101 10:35:10 am

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 27.2 dBm
GIGA DUAL-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 = 1.500, Y = -3.750, Z = 0.000 (cm) Value = 15.454

Measured Values (volts) =
1.414E-002 1.100E-002 8.494E-003 6.867E-003 5.806E-003 4.915E-003
4.435E-003 4.089E-003 3.973E-003 3.706E-003 3.422E-003 3.026E-003
2.448E-003 1.893E-003 1.376E-003 9.841E-004 7.354E-004 6.916E-004
8.861E-004 1.147E-003 1.398E-003

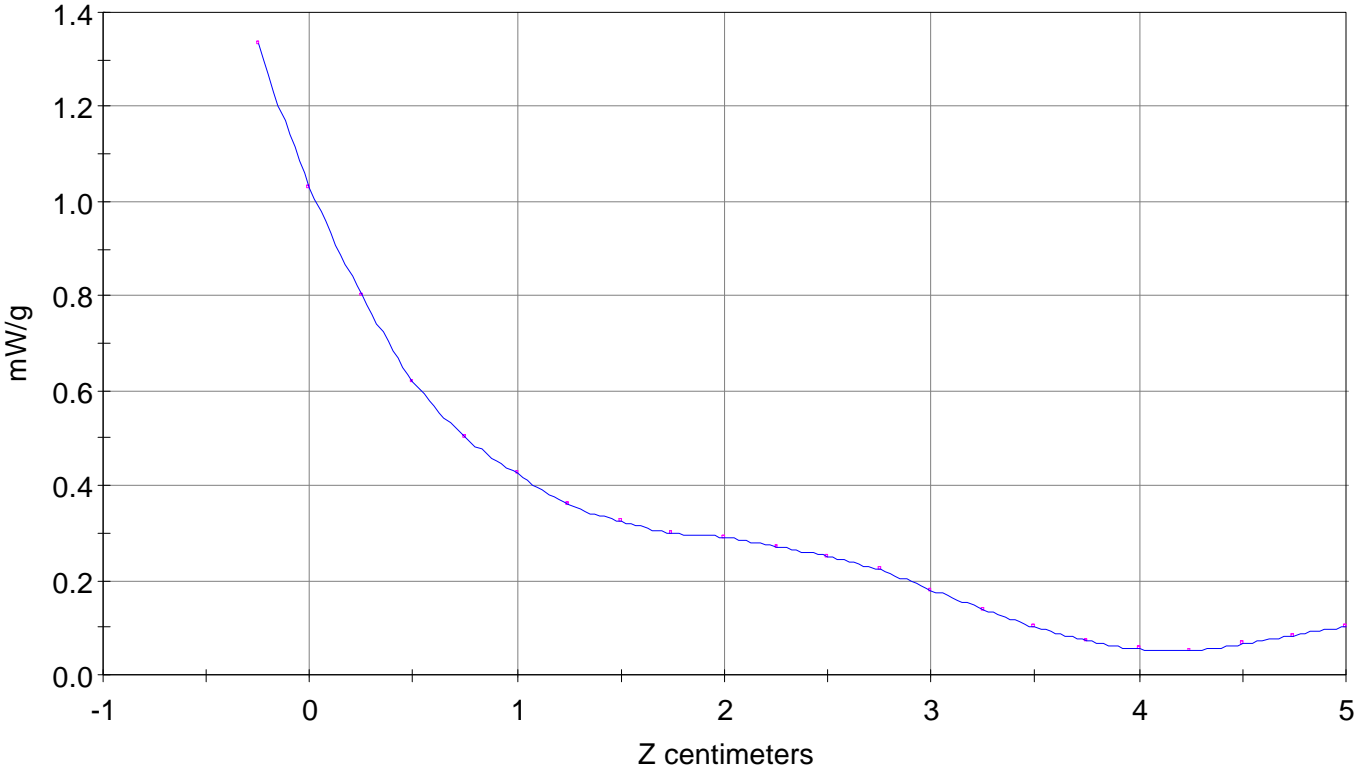
Calc. Voltage @ Surface (Vs) = 0.0183

Voltage @ 1.00 cm (Vt) = 0.0069

Ave. Voltage (Vs+Vt)/2 = 0.0126

Ave. SAR over 1 g (mW/g) = 0.9163

SAR Scan
File : 01081507_ZOOM
Start : 15-Aug-101 10:25:37 am End : 15-Aug-101 10:35:10 am
GIGA/GDM-110/81;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

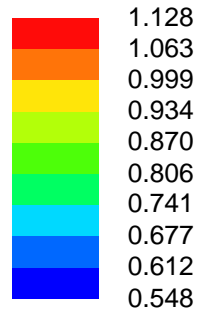
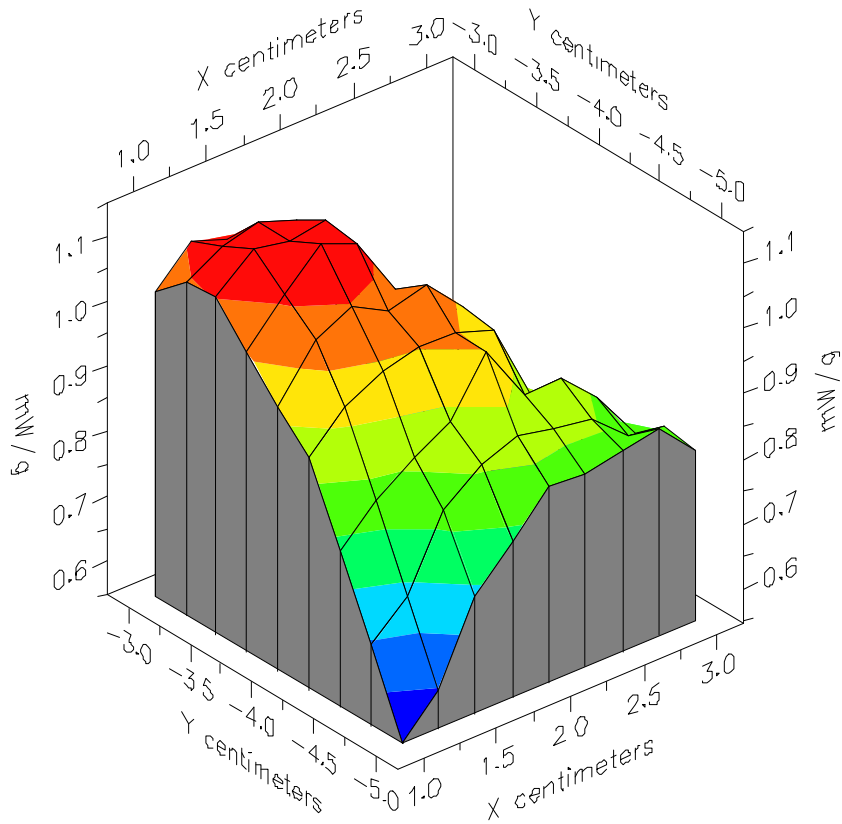


File : 01081507_ZOOM

Start : 15-Aug-101 10:25:37 am End : 15-Aug-101 10:35:10 am

GIGA/GDM-110/81;848.97MHz;W;Helical/Out;

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

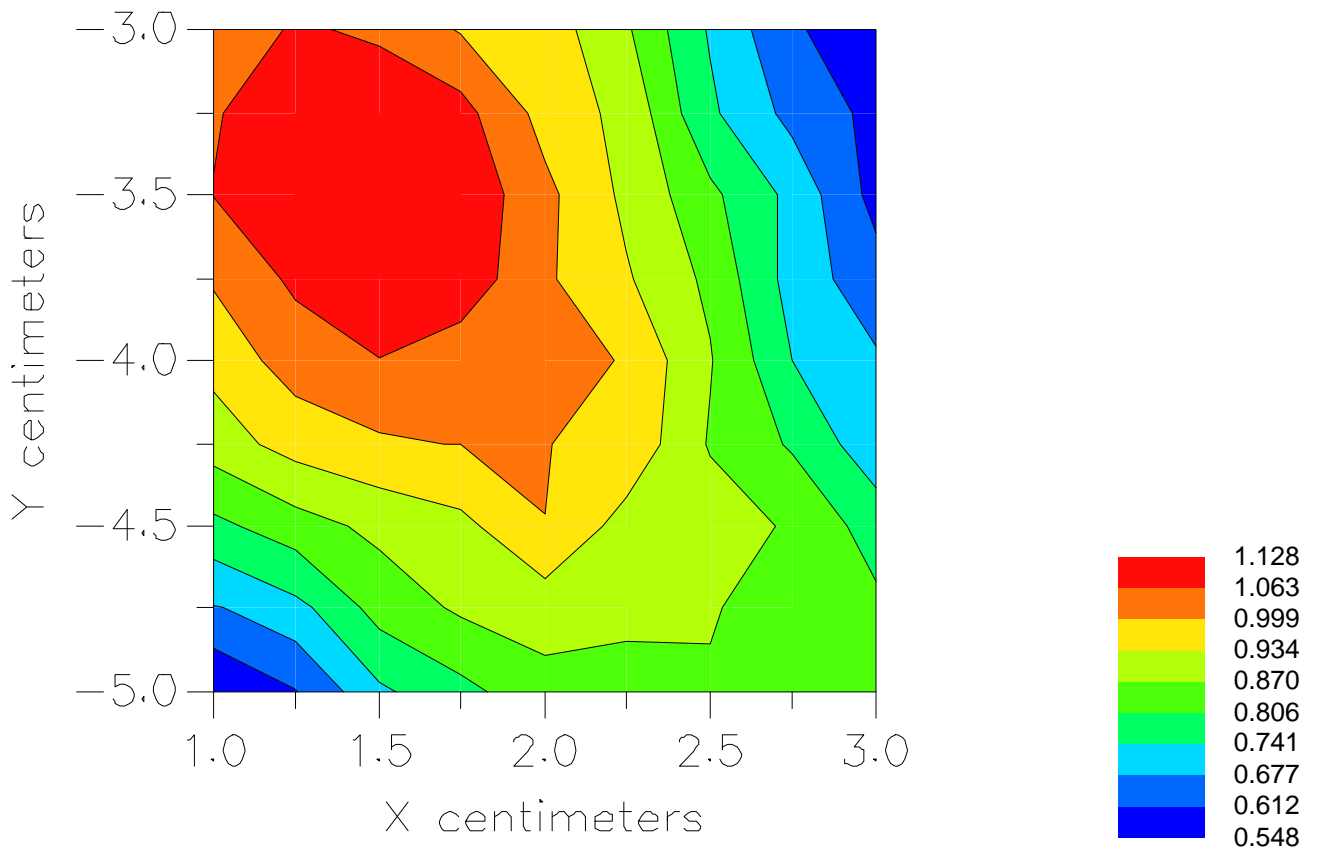


File : 01081507_ZOOM

Start : 15-Aug-101 10:25:37 am End : 15-Aug-101 10:35:10 am

GIGA/GDM-110/81;848.97MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081509_ZOOM.VLT
Start : 15-Aug-101 10:53:19 am End : 15-Aug-101 11:02:54 am

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
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 = 41.500
Mixture Conductivity = 0.900

Comment :
GIGA DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 26.0 dBm
GIGA DUAL-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 = 1.750, Y = -3.750, Z = 0.000 (cm) Value = 18.514

Measured Values (volts) =
1.774E-002 1.338E-002 1.060E-002 8.572E-003 7.217E-003 6.355E-003
5.928E-003 5.497E-003 5.244E-003 4.870E-003 4.442E-003 3.681E-003
2.960E-003 2.120E-003 1.462E-003 1.028E-003 8.441E-004 9.550E-004
1.197E-003 1.564E-003 1.921E-003

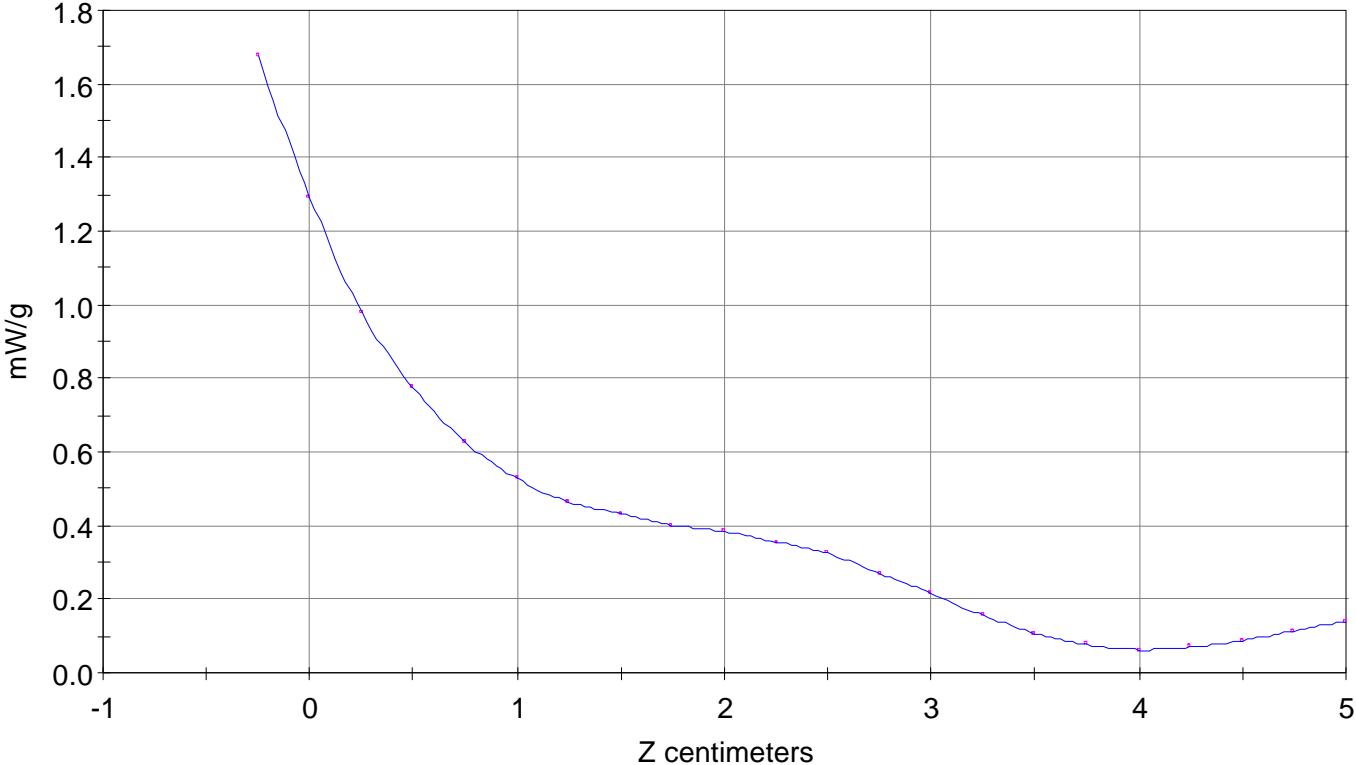
Calc. Voltage @ Surface (Vs) = 0.0229

Voltage @ 1.00 cm (Vt) = 0.0086

Ave. Voltage (Vs+Vt)/2 = 0.0158

Ave. SAR over 1 g (mW/g) = 1.1498

SAR Scan
File : 01081509_ZOOM
Start : 15-Aug-101 10:53:19 am End : 15-Aug-101 11:02:54 am
GIGA/GDM-110/81;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

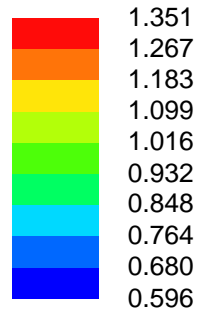
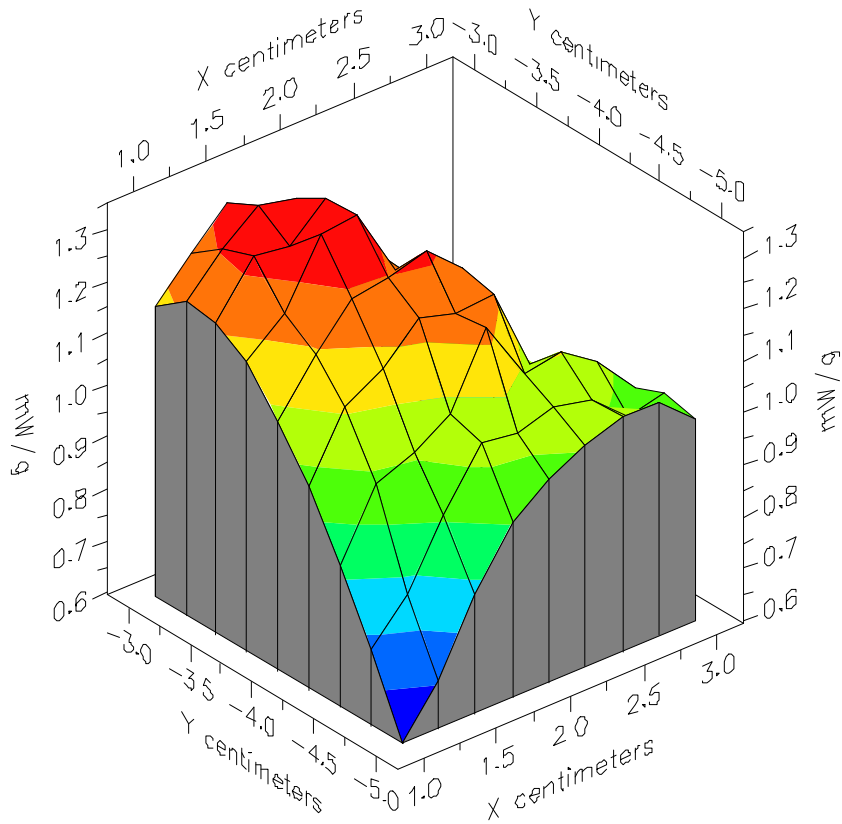


File : 01081509_ZOOM

Start : 15-Aug-101 10:53:19 am End : 15-Aug-101 11:02:54 am

GIGA/GDM-110/81;835.89MHz;W;Helical/In;

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

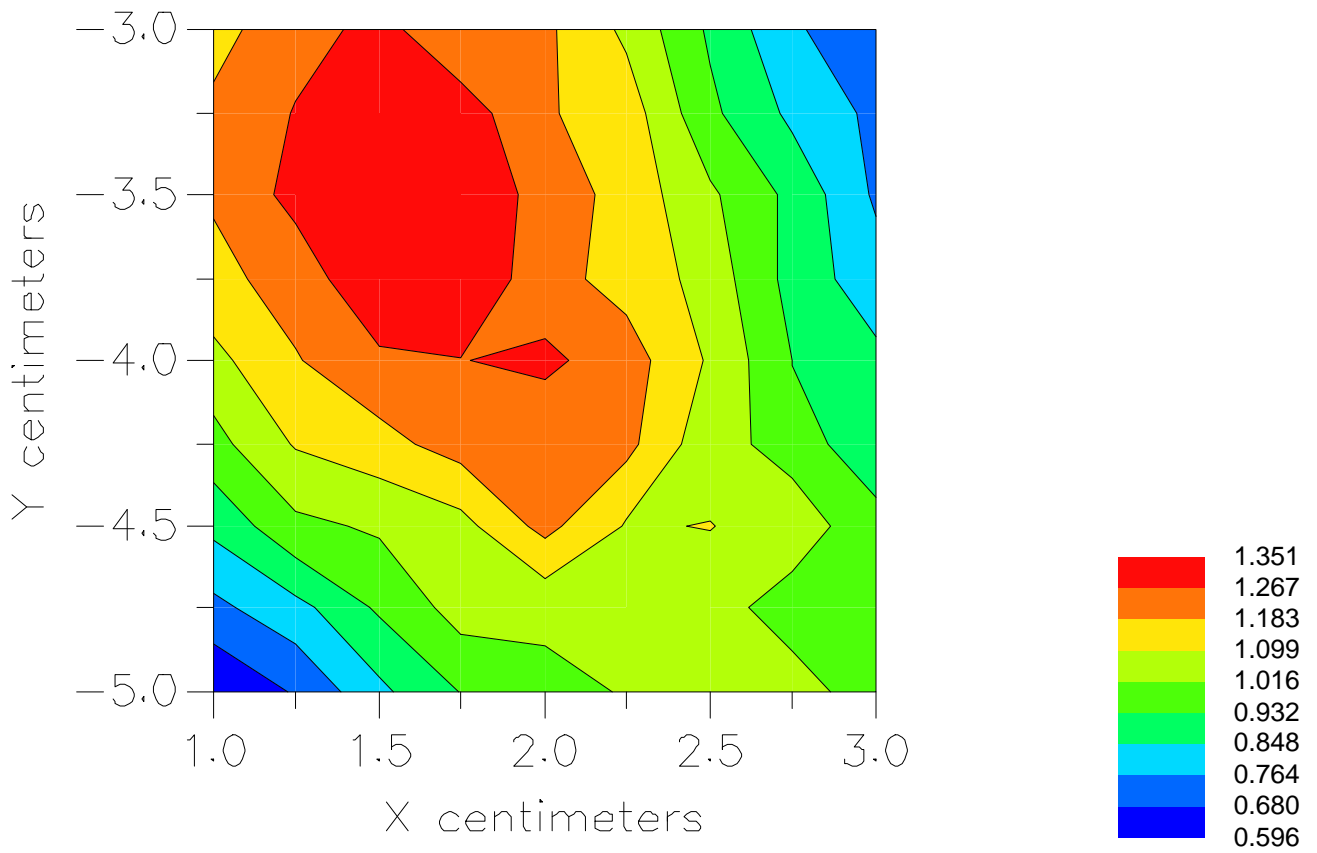


File : 01081509_ZOOM

Start : 15-Aug-101 10:53:19 am End : 15-Aug-101 11:02:54 am

GIGA/GDM-110/81;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/01081510_ZOOM.VLT
Start : 15-Aug-101 11:04:13 am End : 15-Aug-101 11:13:47 am

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
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 = 41.500
Mixture Conductivity = 0.900

Comment :
GIGA DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 26.0 dBm
GIGA DUAL-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 = 1.750, Y = -3.500, Z = 0.000 (cm) Value = 17.440

Measured Values (volts) =
1.700E-002 1.309E-002 1.048E-002 8.436E-003 7.217E-003 6.224E-003
5.748E-003 5.372E-003 5.131E-003 4.840E-003 4.375E-003 3.729E-003
3.008E-003 2.221E-003 1.551E-003 1.112E-003 8.981E-004 8.772E-004
1.123E-003 1.522E-003 1.814E-003

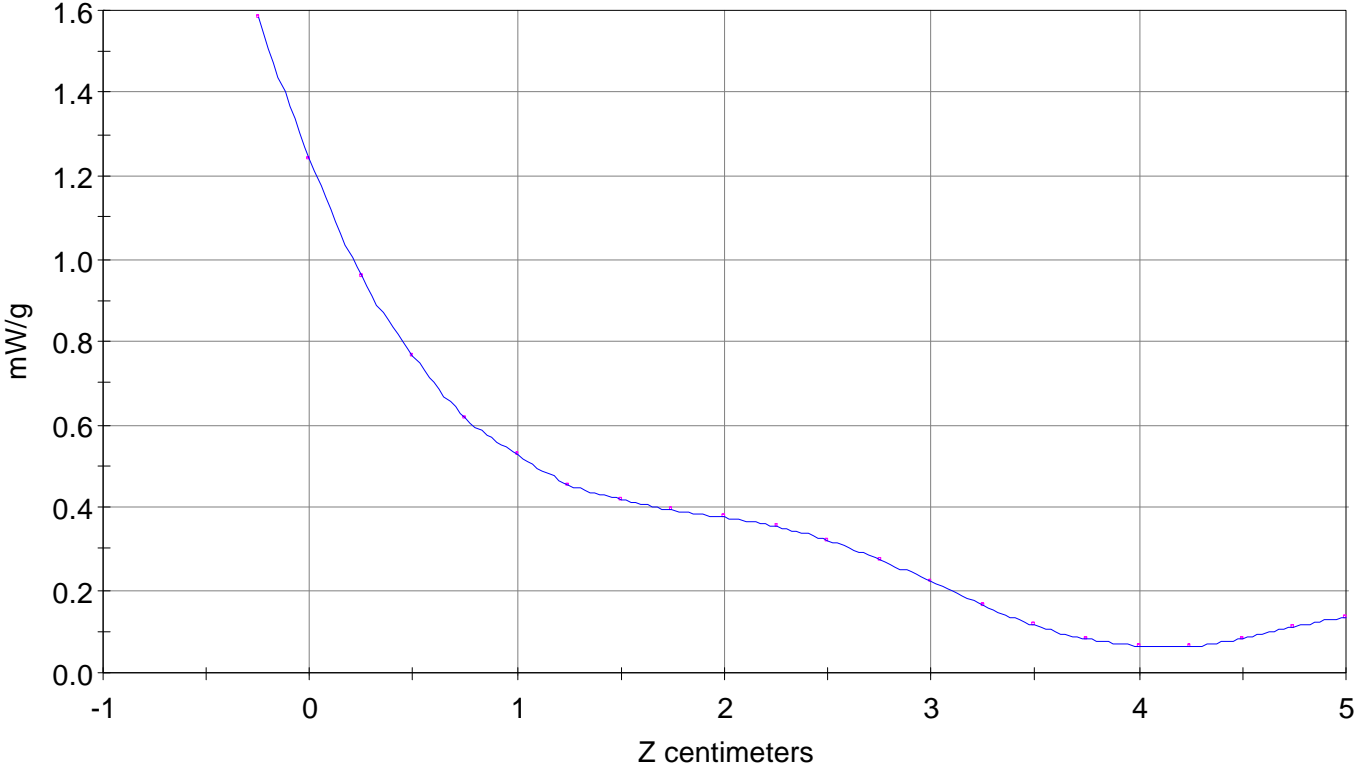
Calc. Voltage @ Surface (Vs) = 0.0217

Voltage @ 1.00 cm (Vt) = 0.0084

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

Ave. SAR over 1 g (mW/g) = 1.0982

SAR Scan
File : 01081510_ZOOM
Start : 15-Aug-101 11:04:13 am End : 15-Aug-101 11:13:47 am
GIGA/GDM-110/81;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

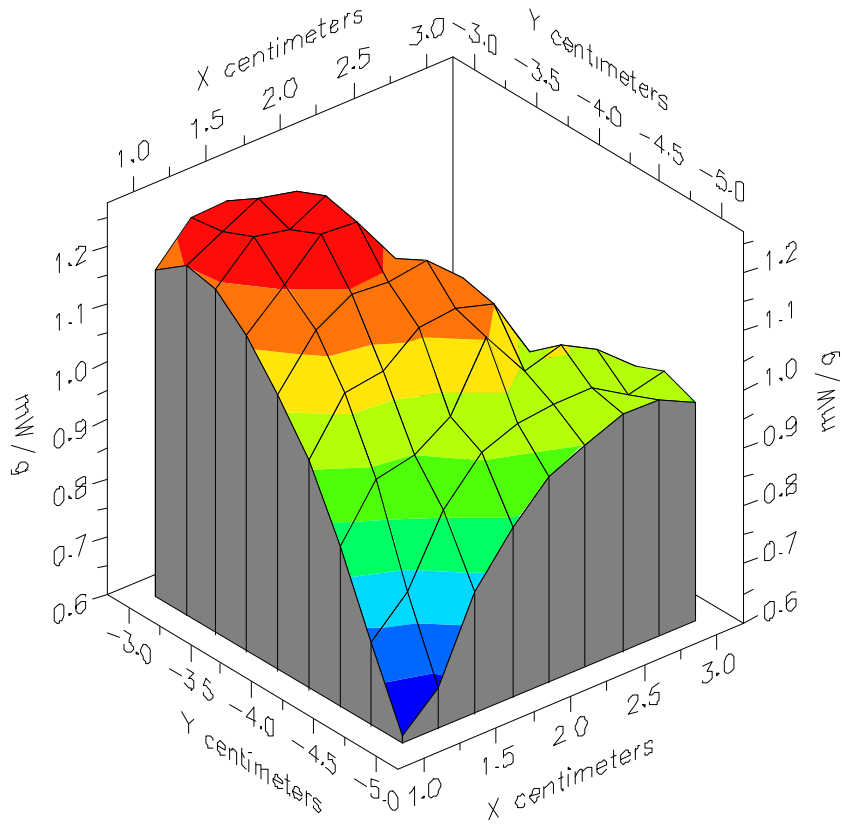


File : 01081510_ZOOM

Start : 15-Aug-101 11:04:13 am End : 15-Aug-101 11:13:47 am

GIGA/GDM-110/81;835.89MHz;W;Helical/Out;

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

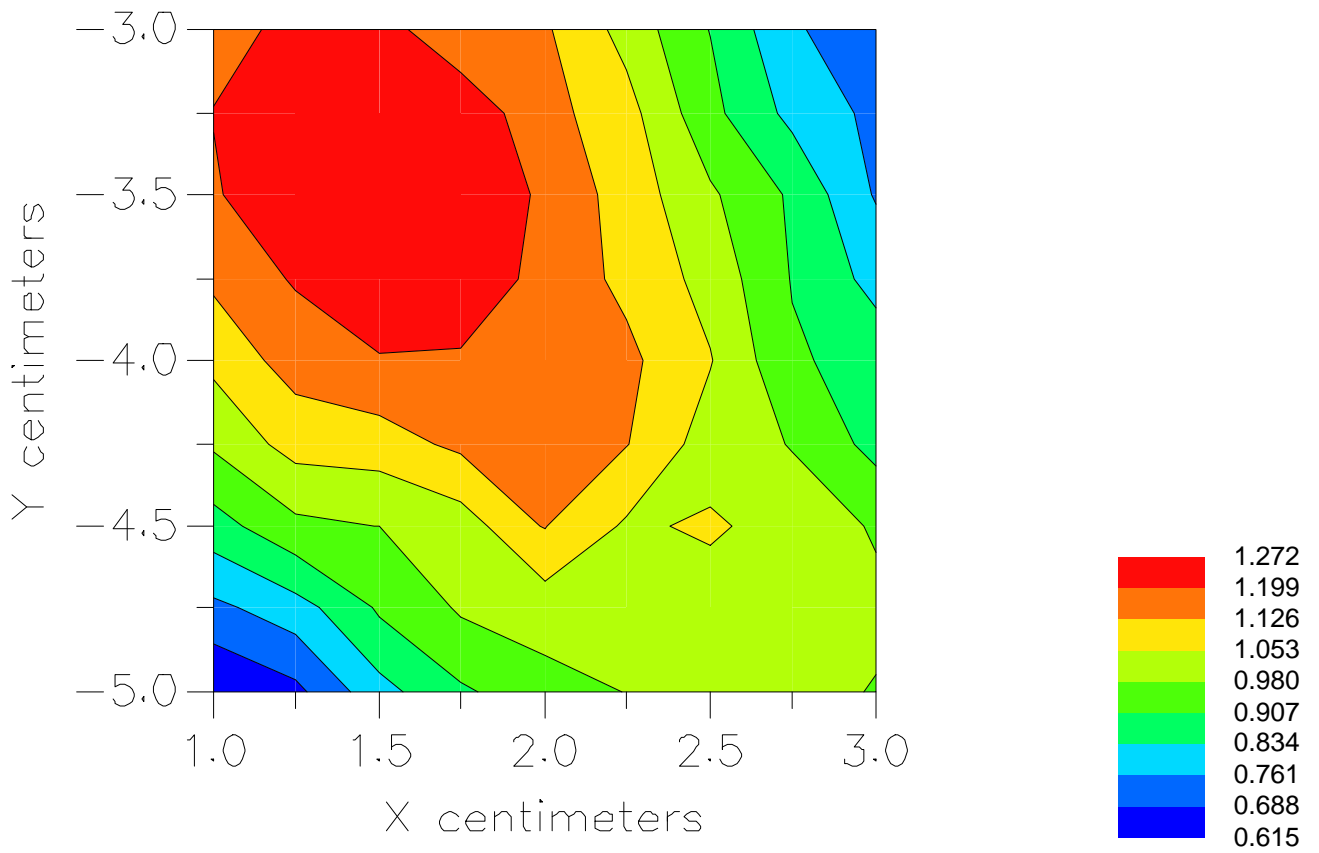


File : 01081510_ZOOM

Start : 15-Aug-101 11:04:13 am End : 15-Aug-101 11:13:47 am

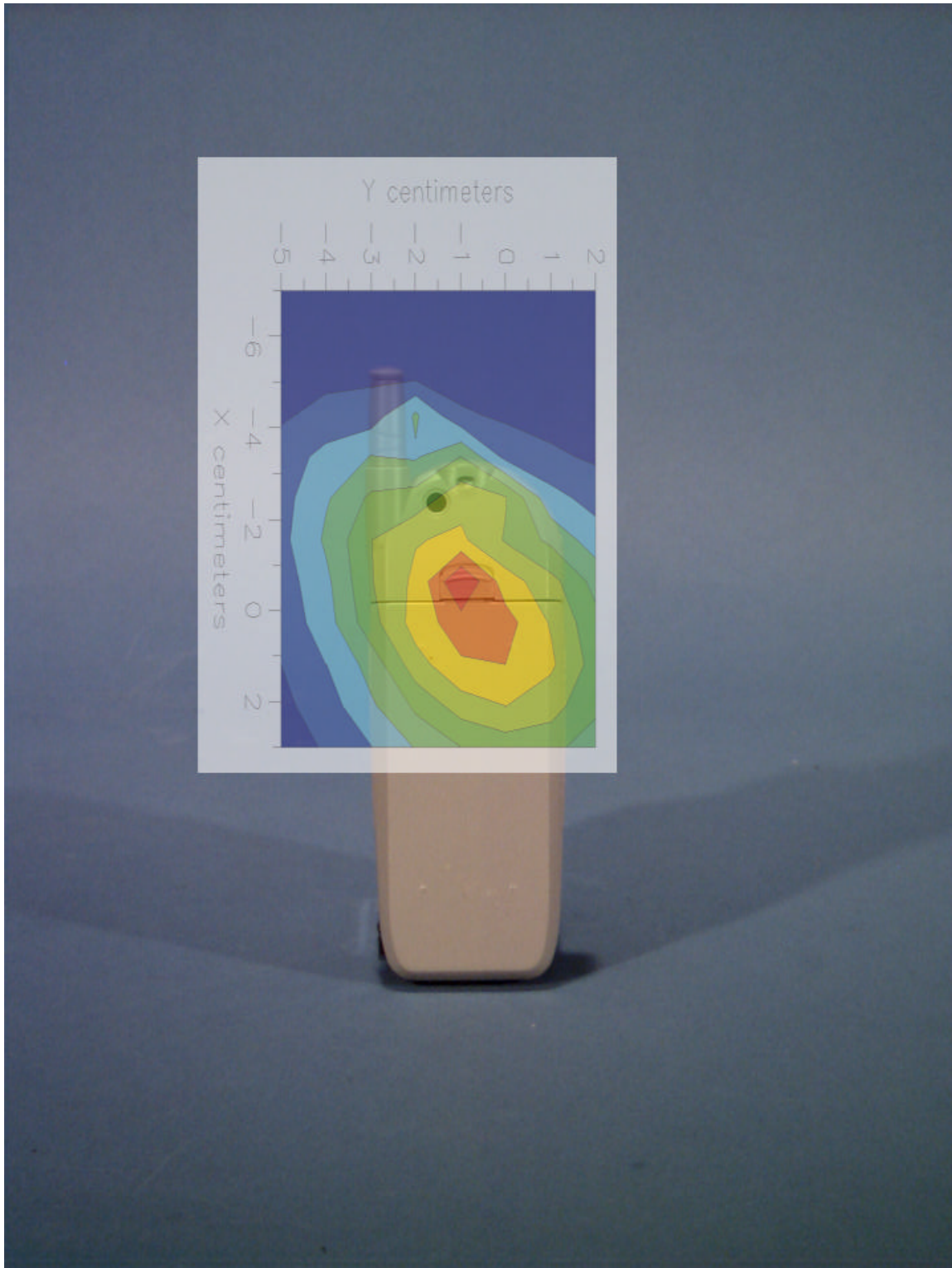
GIGA/GDM-110/81;835.89MHz;W;Helical/Out;

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/01081529_ZOOM.VLT
Start : 15-Aug-101 03:32:23 pm End : 15-Aug-101 03:40:27 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 = 1.450

Comment :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 27.2 dBm
GIGA DUAL-MODE PHONE - BODY SAR

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 = 0.250, Y = -1.000, Z = 0.000 (cm) Value = 6.214

Measured Values (volts) =
5.830E-003 4.769E-003 3.952E-003 3.336E-003 2.844E-003 2.620E-003
2.363E-003 2.239E-003 2.181E-003 2.080E-003 2.005E-003 1.704E-003
1.534E-003 1.251E-003 9.236E-004 6.801E-004 5.893E-004 5.797E-004
6.839E-004 5.890E-004 9.066E-004

Calc. Voltage @ Surface (Vs) = 0.0071

Voltage @ 1.00 cm (Vt) = 0.0033

Ave. Voltage (Vs+Vt)/2 = 0.0052

Ave. SAR over 1 g (mW/g) = 0.6646

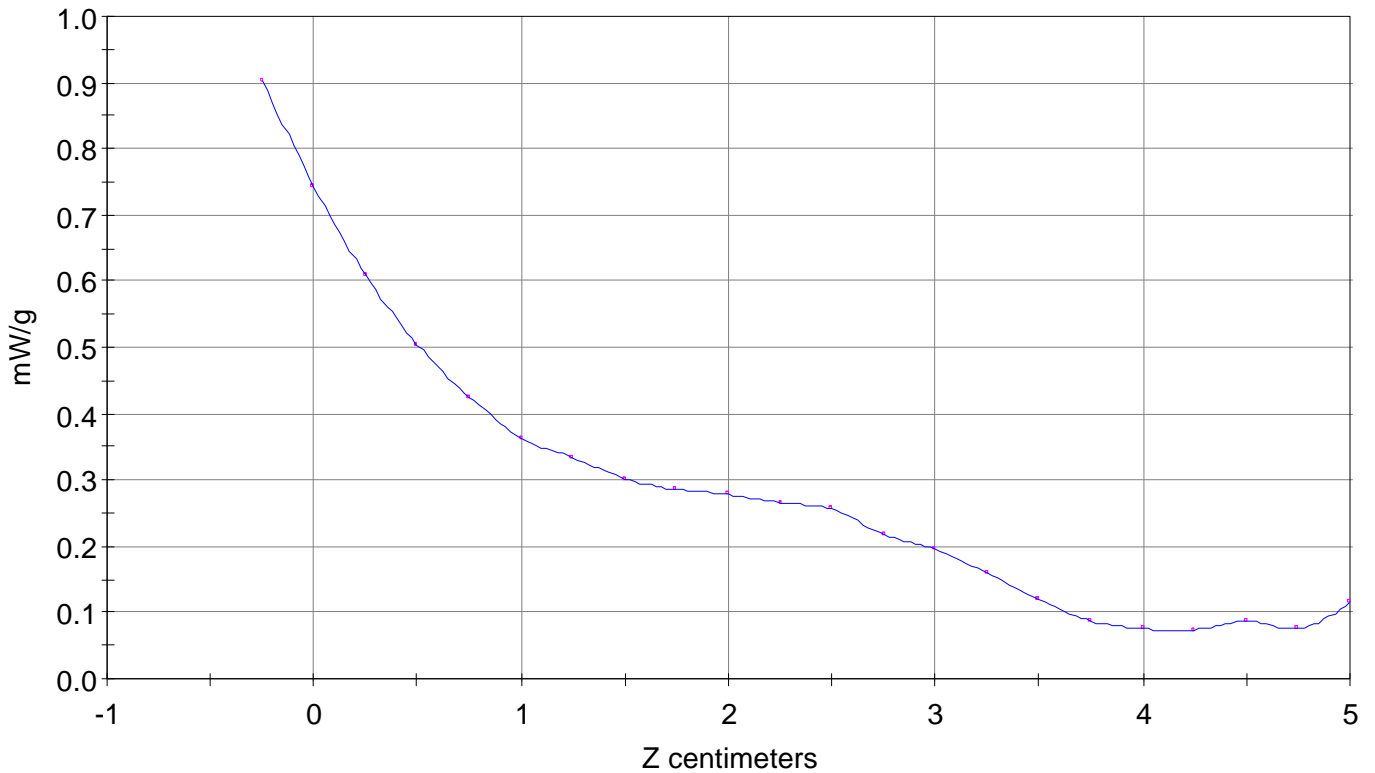
SAR Scan

File : 01081529_ZOOM

Start : 15-Aug-101 03:32:23 pm End : 15-Aug-101 03:40:27 pm

GIGA/GDM-110/81;824.04MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

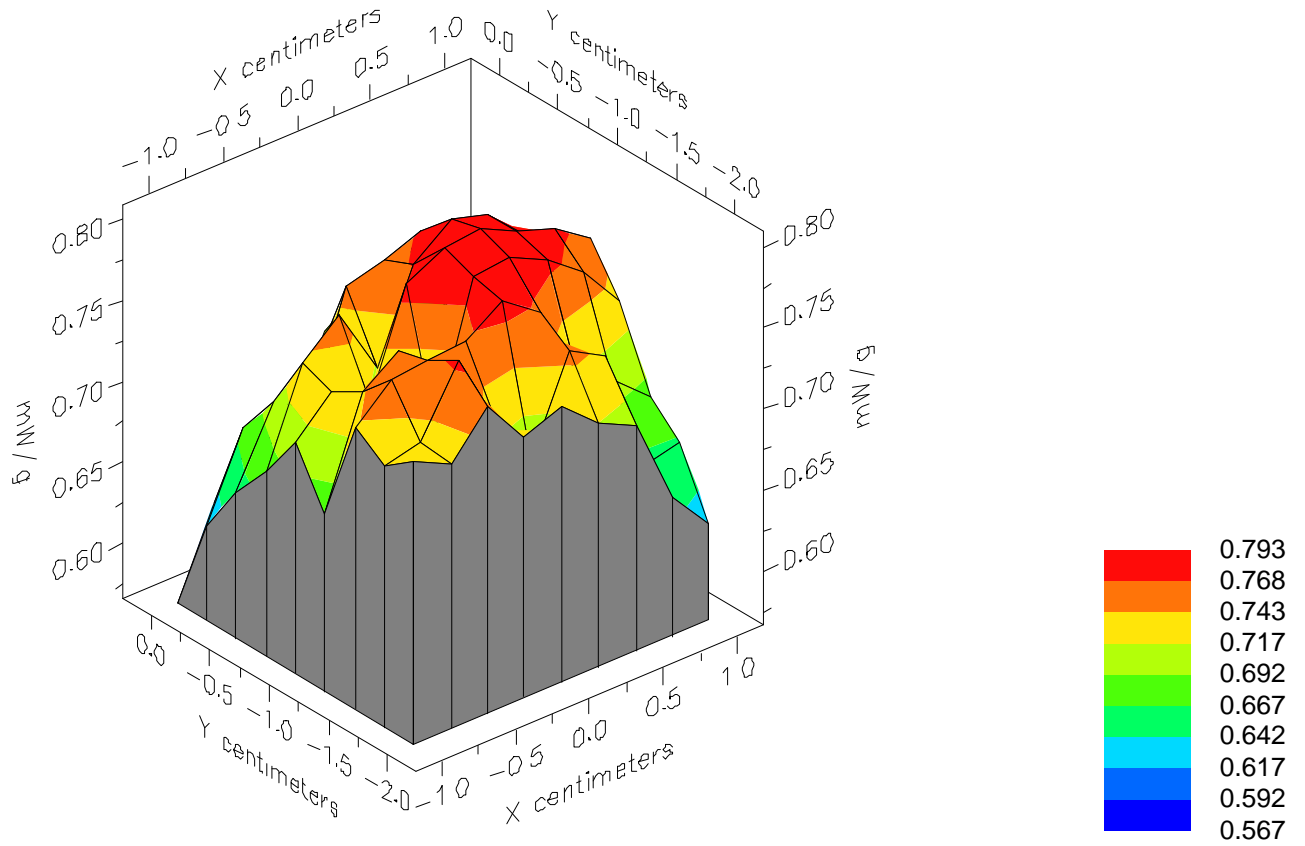


File : 01081529_ZOOM

Start : 15-Aug-101 03:32:23 pm End : 15-Aug-101 03:40:27 pm

GIGA/GDM-110/81;824.04MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

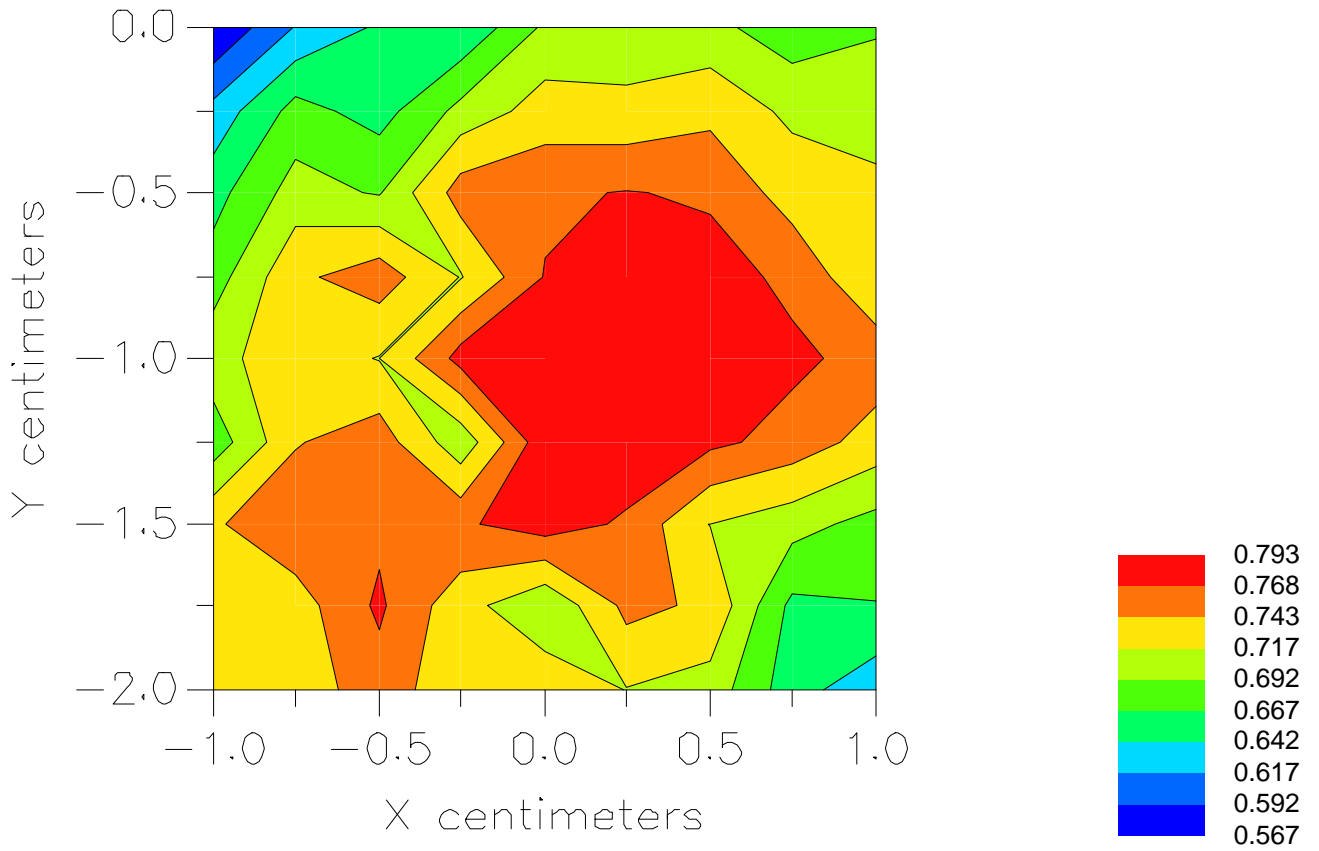


File : 01081529_ZOOM

Start : 15-Aug-101 03:32:23 pm End : 15-Aug-101 03:40:27 pm

GIGA/GDM-110/81;824.04MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081532_ZOOM.VLT
Start : 15-Aug-101 04:31:25 pm End : 15-Aug-101 04:39:27 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 = 1.450

Comment :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 27.2 dBm
GIGA DUAL-MODE PHONE - BODY SAR

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 = -0.750, Y = -1.250, Z = 0.000 (cm) Value = 6.292

Measured Values (volts) =
5.381E-003 4.220E-003 3.507E-003 2.948E-003 2.611E-003 2.294E-003
2.186E-003 2.222E-003 1.997E-003 1.908E-003 1.663E-003 1.395E-003
1.016E-003 7.300E-004 4.892E-004 3.850E-004 3.339E-004 4.434E-004
6.057E-004 8.584E-004 7.250E-004

Calc. Voltage @ Surface (Vs) = 0.0067

Voltage @ 1.00 cm (Vt) = 0.0029

Ave. Voltage (Vs+Vt)/2 = 0.0048

Ave. SAR over 1 g (mW/g) = 0.6135

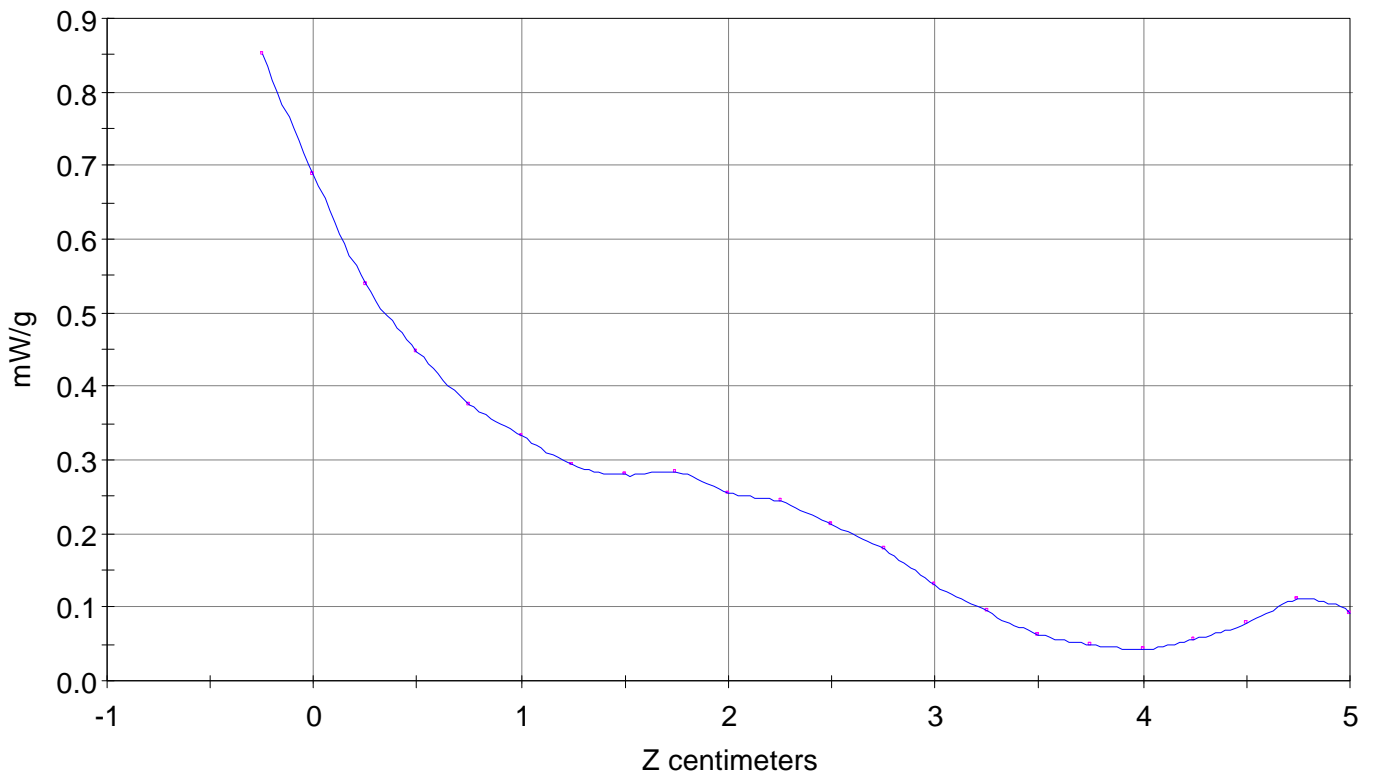
SAR Scan

File : 01081532_ZOOM

Start : 15-Aug-101 04:31:25 pm End : 15-Aug-101 04:39:27 pm

GIGA/GDM-110/81;824.04MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

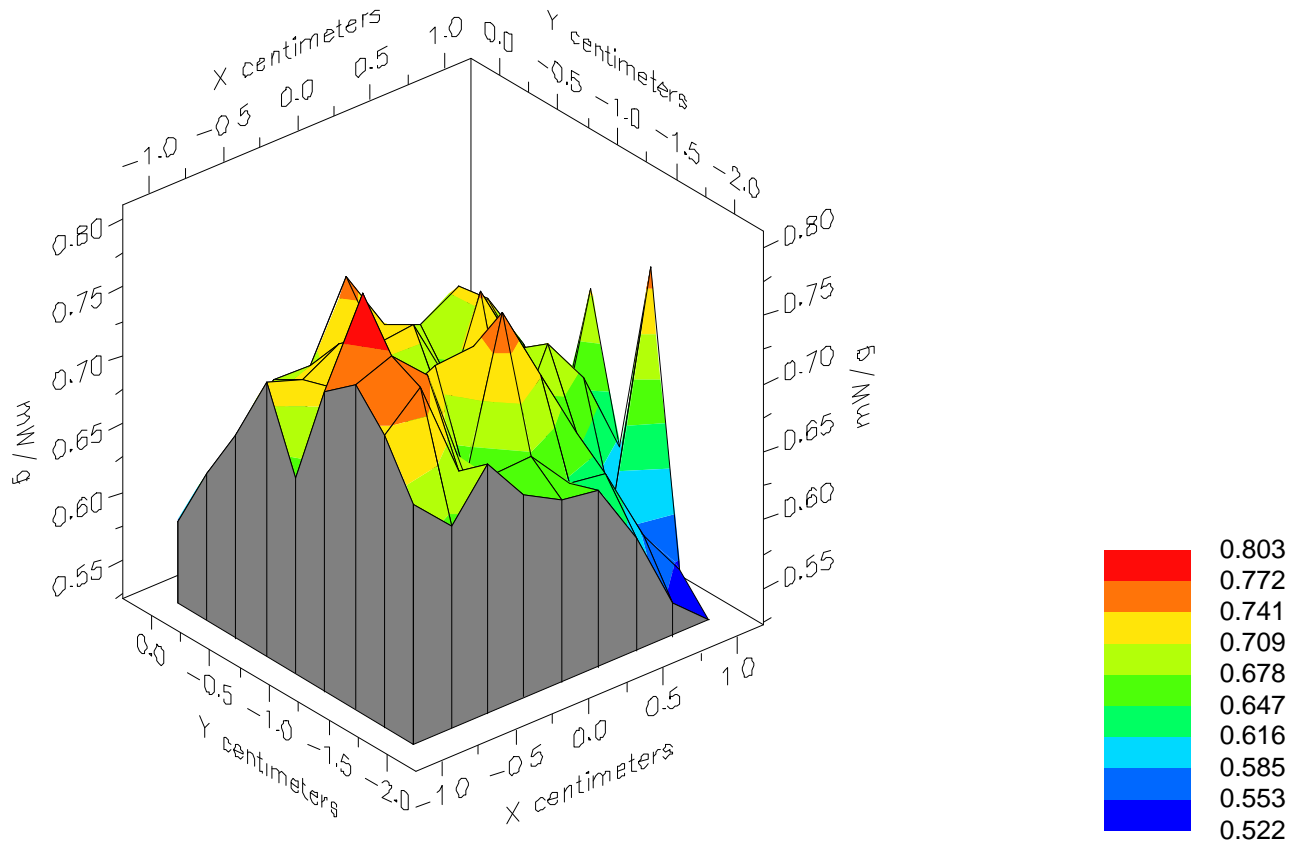


File : 01081532_ZOOM

Start : 15-Aug-101 04:31:25 pm End : 15-Aug-101 04:39:27 pm

GIGA/GDM-110/81;824.04MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

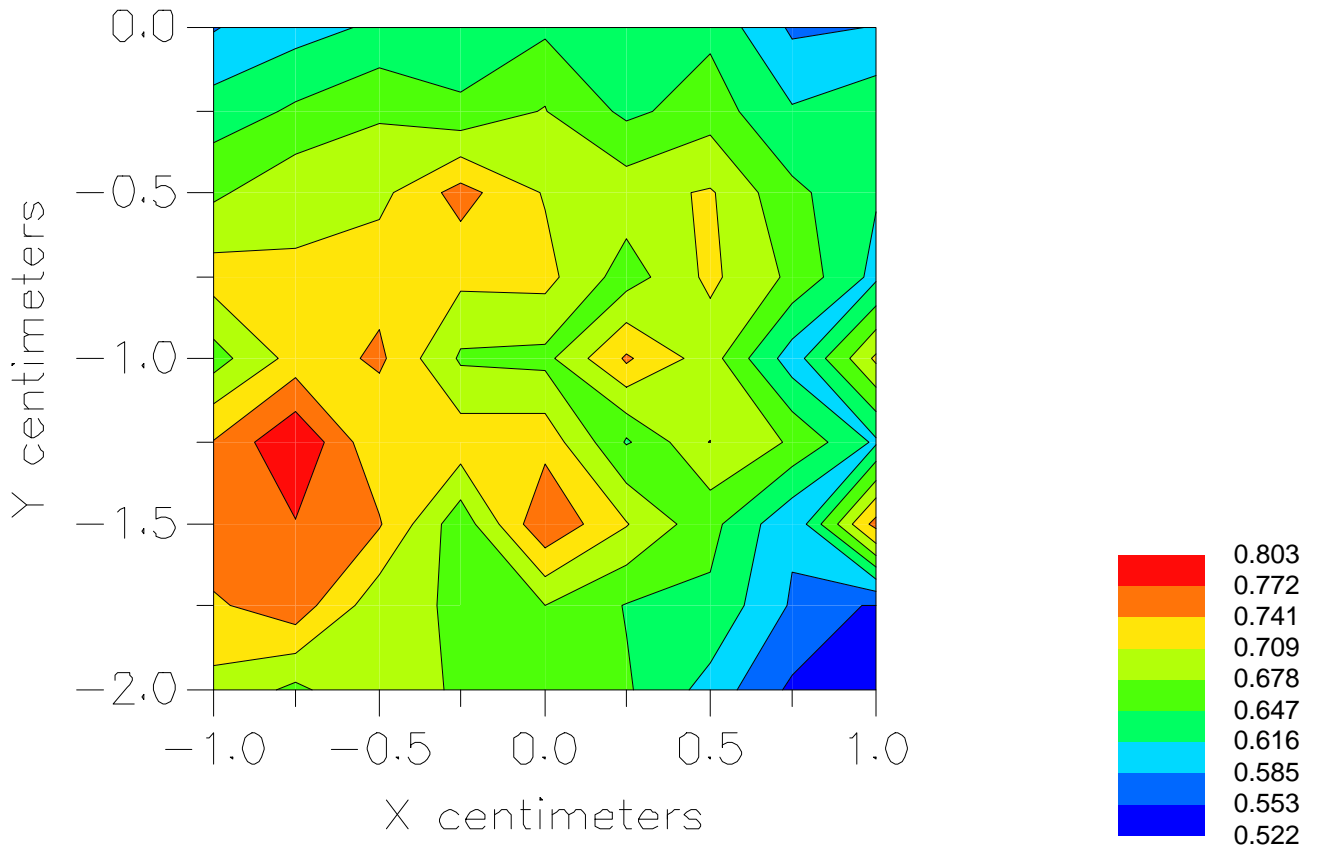


File : 01081532_ZOOM

Start : 15-Aug-101 04:31:25 pm End : 15-Aug-101 04:39:27 pm

GIGA/GDM-110/81;824.04MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081528_ZOOM.VLT
Start : 15-Aug-101 03:16:50 pm End : 15-Aug-101 03:29:44 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 = 1.450

Comment :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0383 Conducted 27.2 dBm
GIGA DUAL-MODE PHONE - BODY SAR

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 = 0.000, Y = -1.500, Z = 0.000 (cm) Value = 11.747

Measured Values (volts) =
1.156E-002 9.443E-003 7.690E-003 6.520E-003 5.595E-003 4.946E-003
4.528E-003 4.236E-003 4.033E-003 3.920E-003 3.568E-003 3.187E-003
2.576E-003 2.018E-003 1.541E-003 1.180E-003 9.083E-004 9.145E-004
1.121E-003 1.316E-003 1.515E-003

Calc. Voltage @ Surface (Vs) = 0.0142

Voltage @ 1.00 cm (Vt) = 0.0065

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

Ave. SAR over 1 g (mW/g) = 1.3199

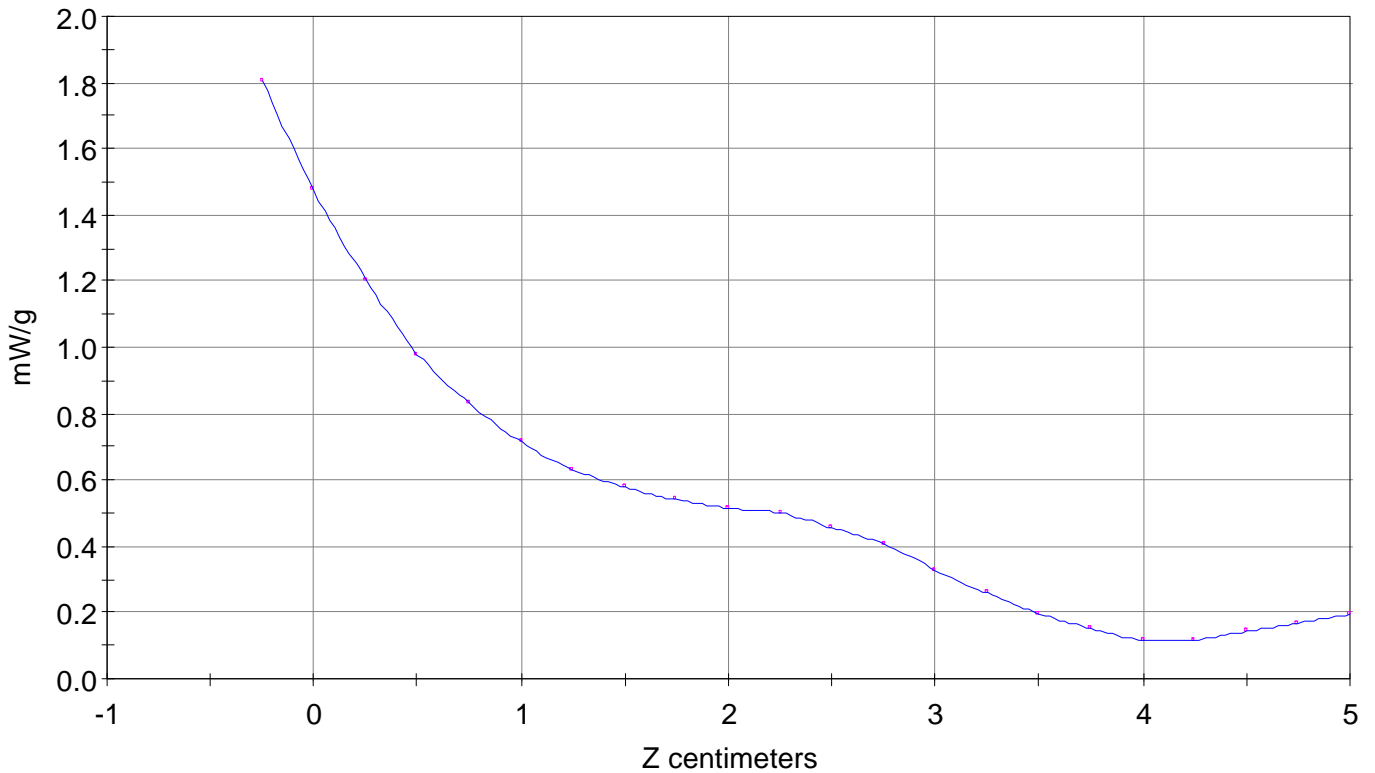
SAR Scan

File : 01081528_ZOOM

Start : 15-Aug-101 03:16:50 pm End : 15-Aug-101 03:29:44 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

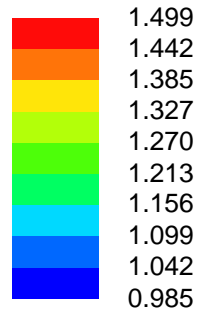
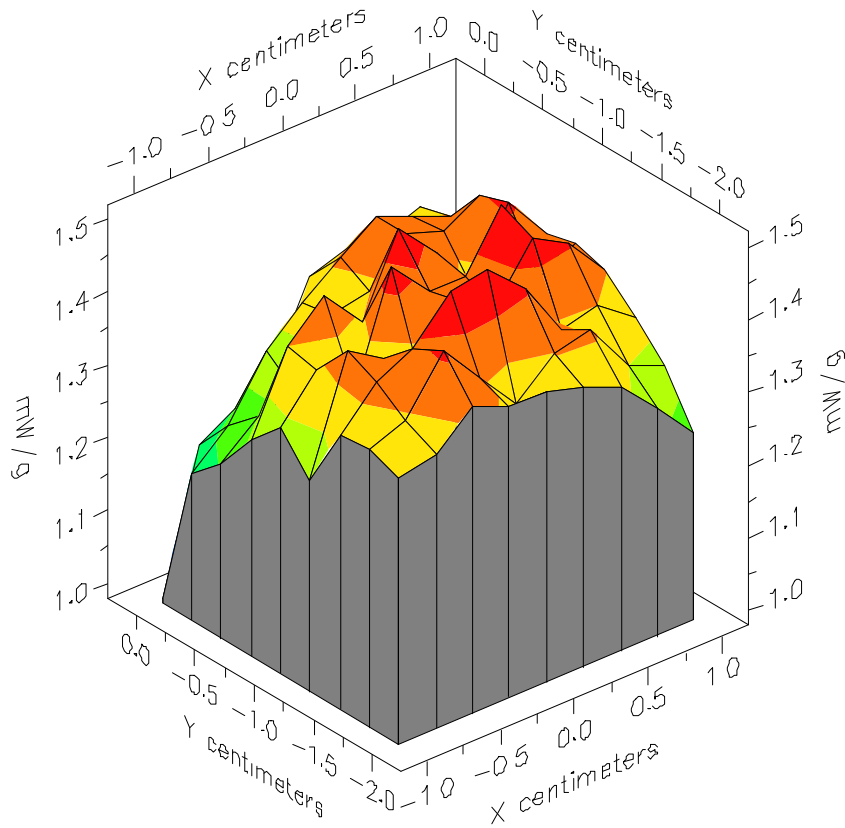


File : 01081528_ZOOM

Start : 15-Aug-101 03:16:50 pm End : 15-Aug-101 03:29:44 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

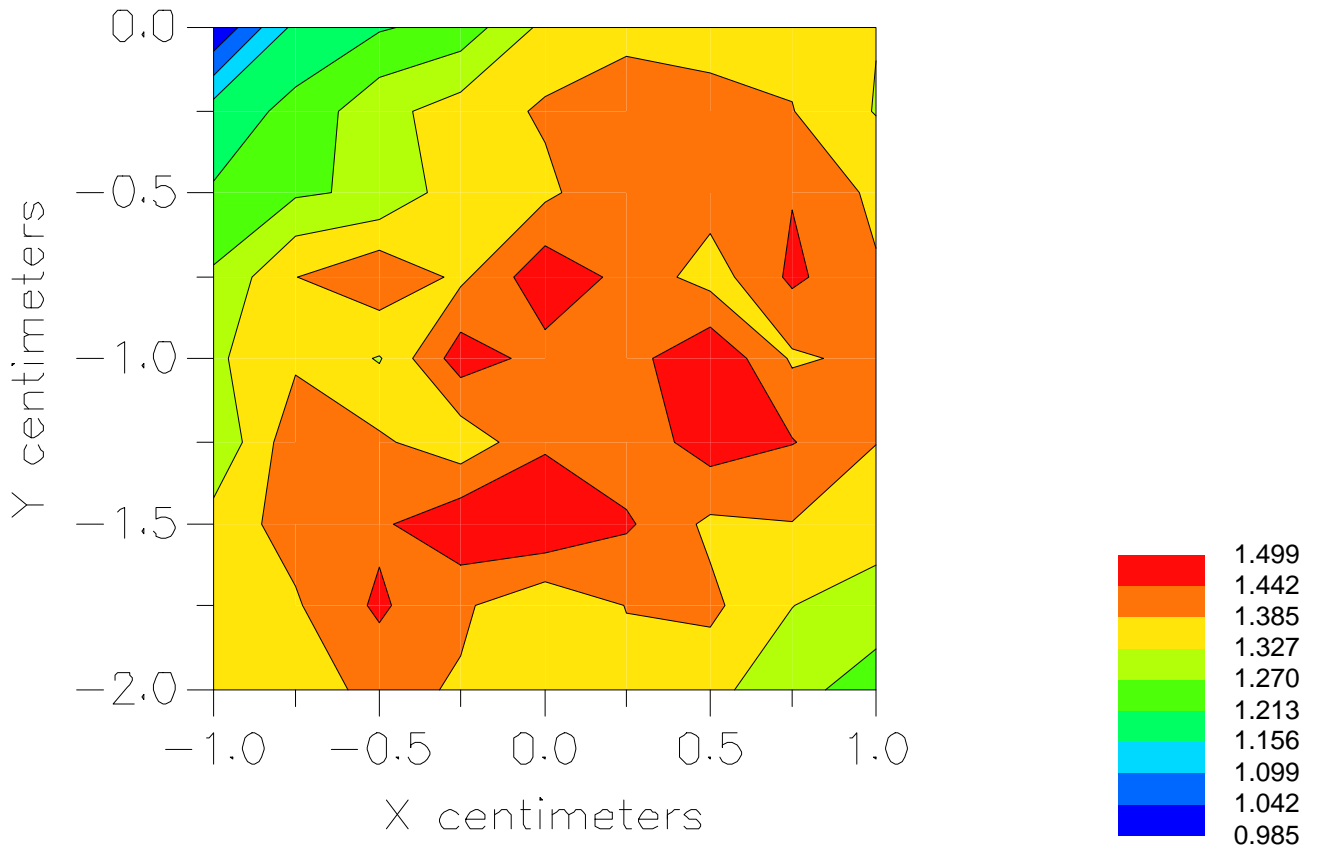


File : 01081528_ZOOM

Start : 15-Aug-101 03:16:50 pm End : 15-Aug-101 03:29:44 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081537_ZOOM.VLT
Start : 15-Aug-101 05:22:59 pm End : 15-Aug-101 05:31:00 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 = 1.450

Comment :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0383 Conducted 27.2 dBm
GIGA DUAL-MODE PHONE - BODY SAR

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 = 0.250, Y = -0.750, Z = 0.000 (cm) Value = 12.366

Measured Values (volts) =
1.125E-002 9.128E-003 7.396E-003 6.329E-003 5.419E-003 4.546E-003
4.149E-003 3.826E-003 3.911E-003 3.852E-003 3.564E-003 3.107E-003
2.807E-003 2.219E-003 1.529E-003 1.063E-003 9.122E-004 6.573E-004
8.136E-004 1.097E-003 1.384E-003

Calc. Voltage @ Surface (Vs) = 0.0139

Voltage @ 1.00 cm (Vt) = 0.0063

Ave. Voltage (Vs+Vt)/2 = 0.0101

Ave. SAR over 1 g (mW/g) = 1.2886

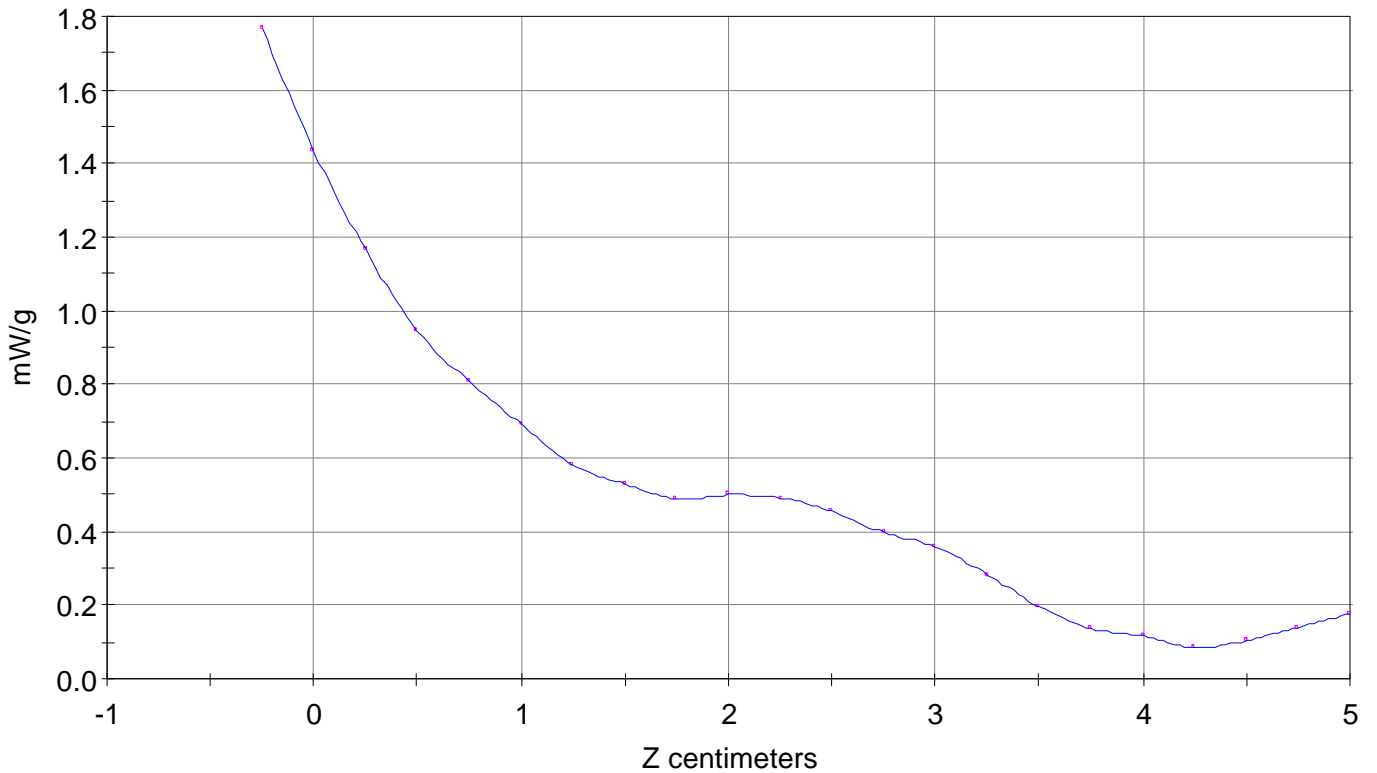
SAR Scan

File : 01081537_ZOOM

Start : 15-Aug-101 05:22:59 pm End : 15-Aug-101 05:31:00 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

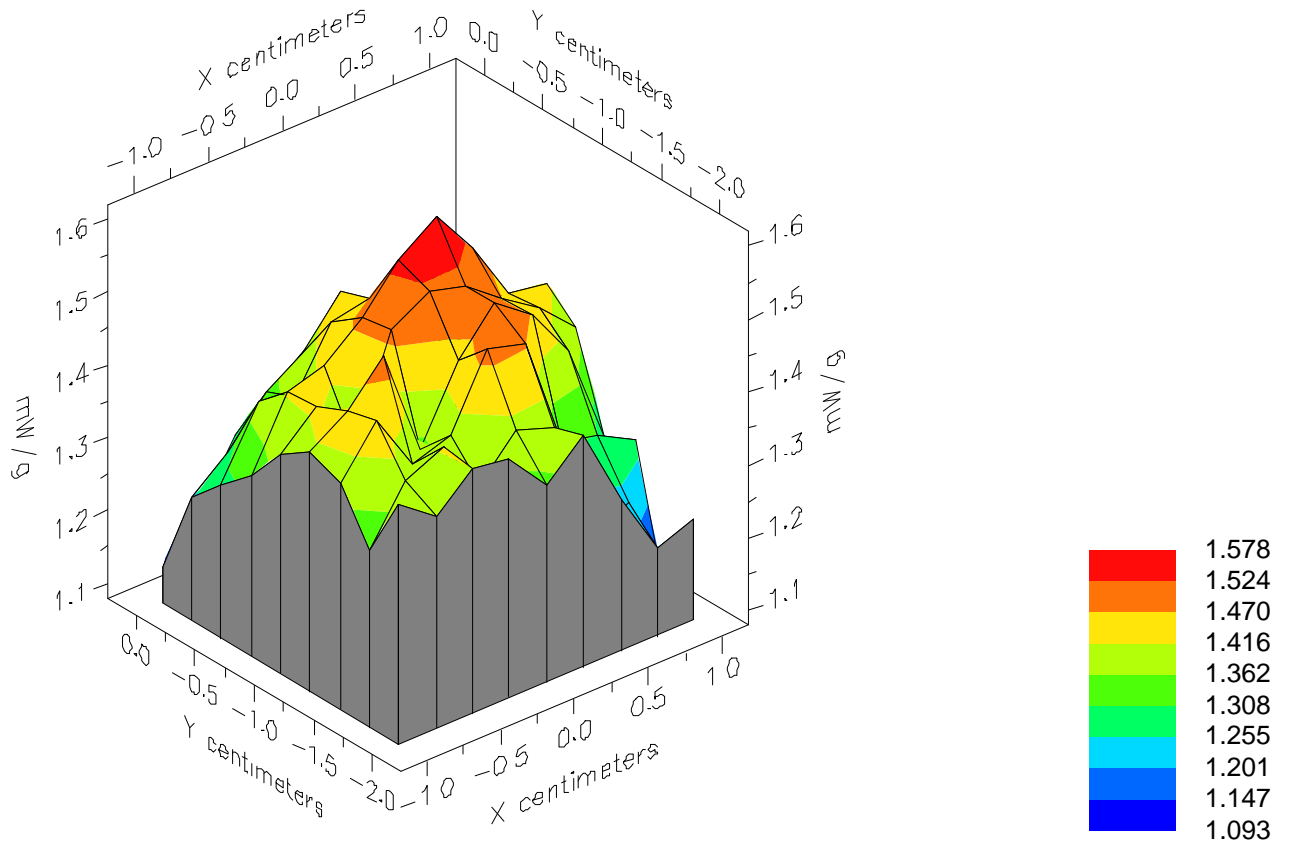


File : 01081537_ZOOM

Start : 15-Aug-101 05:22:59 pm End : 15-Aug-101 05:31:00 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

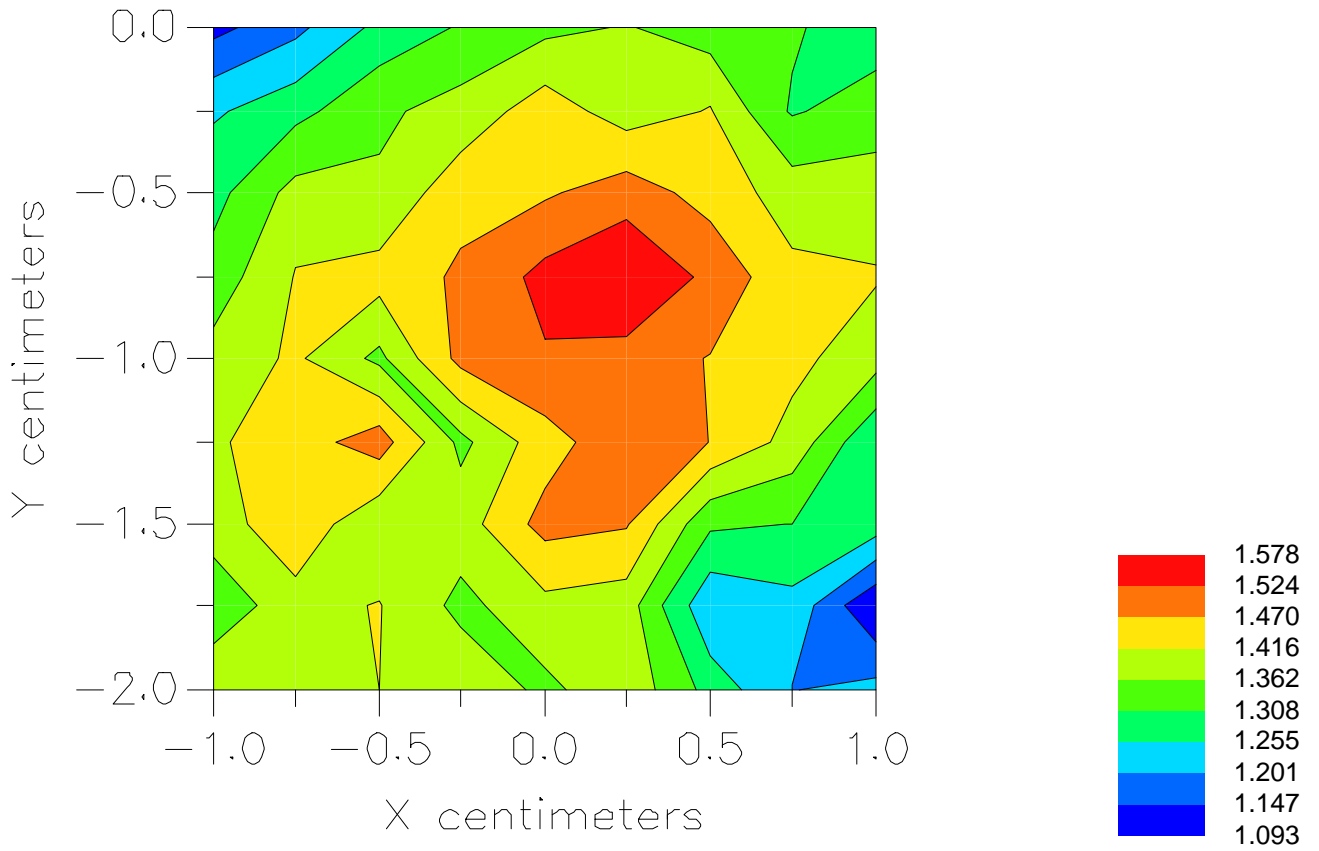


File : 01081537_ZOOM

Start : 15-Aug-101 05:22:59 pm End : 15-Aug-101 05:31:00 pm

GIGA/GDM-110/81;836.49MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : /data/Normal/01081530_ZOOM.VLT

Start : 15-Aug-101 03:43:15 pm End : 15-Aug-101 03:51:19 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 = 1.450

Comment :

GIGA DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 27.2 dBm
GIGA DUAL-MODE PHONE - BODY SAR

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 = 0.000, Y = -1.000, Z = 0.000 (cm) Value = 7.930

Measured Values (volts) =

7.500E-003	5.870E-003	5.021E-003	4.220E-003	3.513E-003	3.150E-003
2.776E-003	2.708E-003	2.631E-003	2.311E-003	2.374E-003	2.161E-003
1.822E-003	1.461E-003	1.133E-003	8.023E-004	6.962E-004	7.007E-004
7.809E-004	9.441E-004	1.040E-003			

Calc. Voltage @ Surface (Vs) = 0.0092

Voltage @ 1.00 cm (Vt) = 0.0042

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

Ave. SAR over 1 g (mW/g) = 0.8545

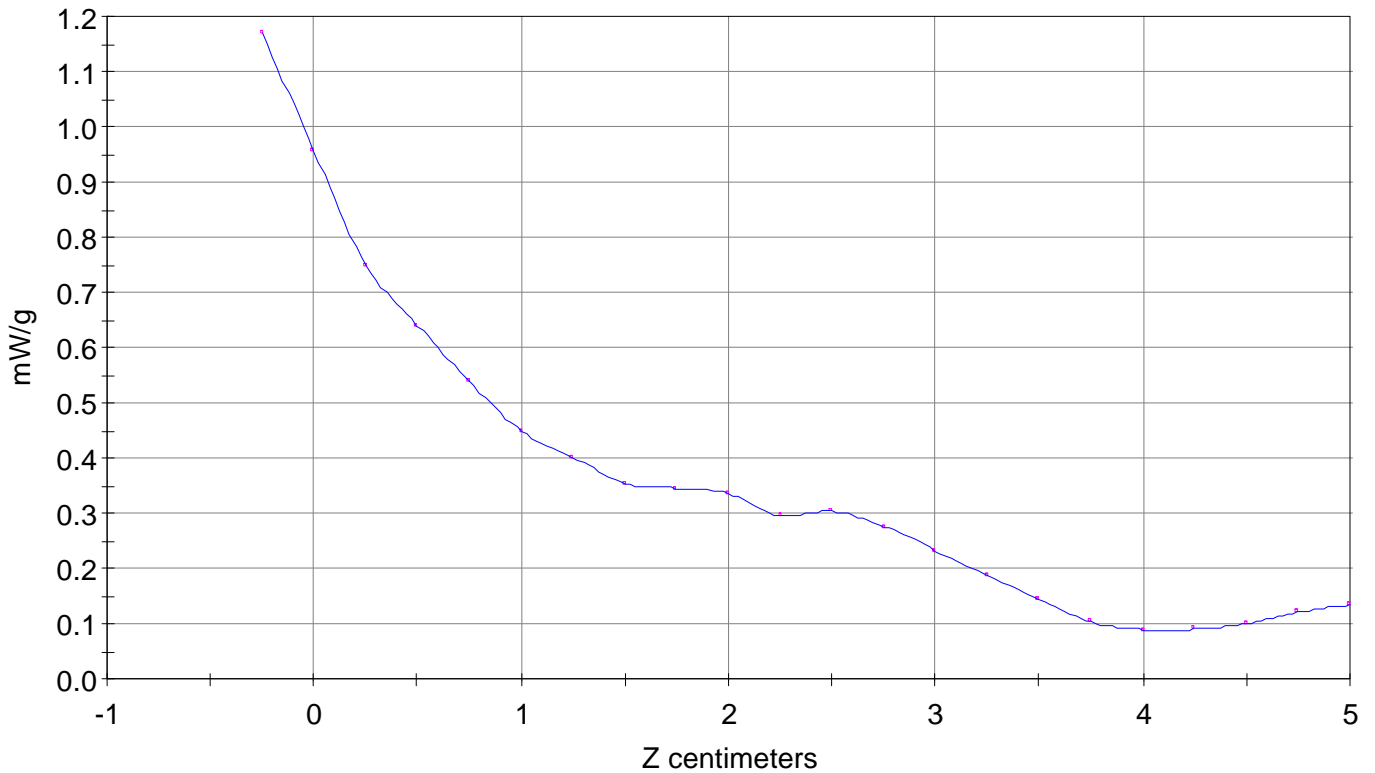
SAR Scan

File : 01081530_ZOOM

Start : 15-Aug-101 03:43:15 pm End : 15-Aug-101 03:51:19 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

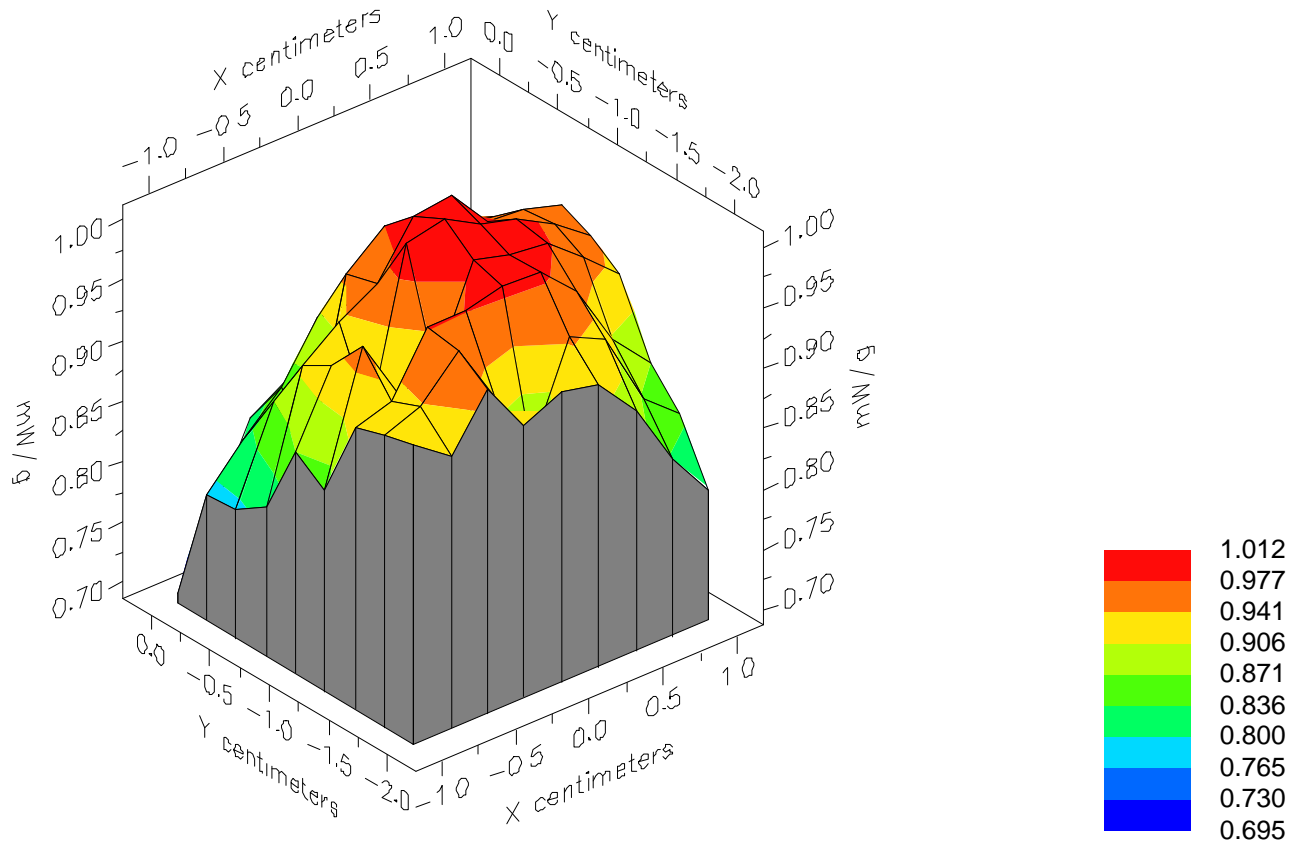


File : 01081530_ZOOM

Start : 15-Aug-101 03:43:15 pm End : 15-Aug-101 03:51:19 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

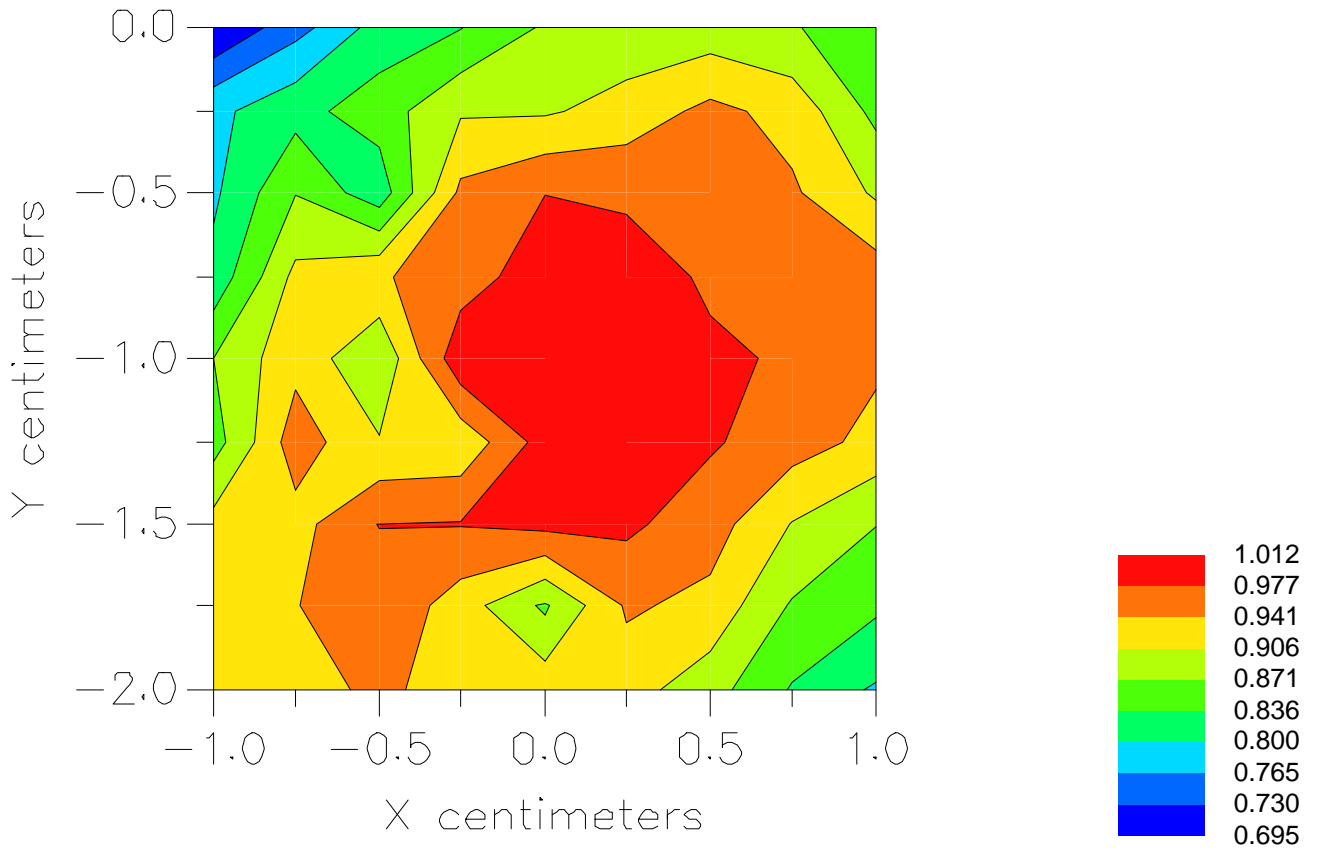


File : 01081530_ZOOM

Start : 15-Aug-101 03:43:15 pm End : 15-Aug-101 03:51:19 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081531_ZOOM.VLT
Start : 15-Aug-101 04:13:13 pm End : 15-Aug-101 04:26:06 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.530 W
Start Trans. Pwr : 0.530 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 = 1.450

Comment :
GIGA DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 27.2 dBm
GIGA DUAL-MODE PHONE - BODY SAR

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 = -0.500, Y = -1.500, Z = 0.000 (cm) Value = 7.435

Measured Values (volts) =
6.970E-003 5.420E-003 4.342E-003 3.771E-003 3.258E-003 2.937E-003
2.769E-003 2.740E-003 2.546E-003 2.449E-003 2.153E-003 1.871E-003
1.446E-003 9.943E-004 7.951E-004 6.124E-004 6.243E-004 5.003E-004
6.890E-004 8.730E-004 1.008E-003

Calc. Voltage @ Surface (Vs) = 0.0088

Voltage @ 1.00 cm (Vt) = 0.0038

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

Ave. SAR over 1 g (mW/g) = 0.8040

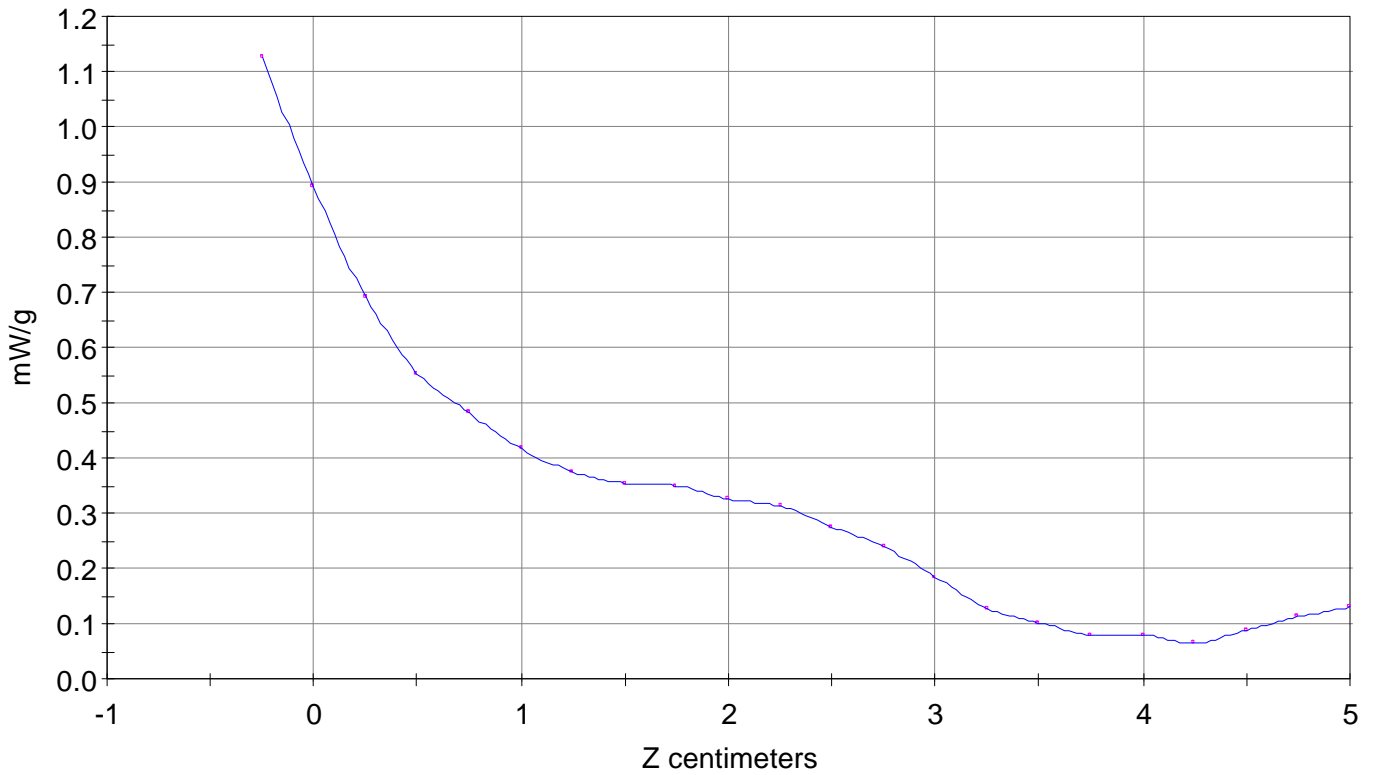
SAR Scan

File : 01081531_ZOOM

Start : 15-Aug-101 04:13:13 pm End : 15-Aug-101 04:26:06 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

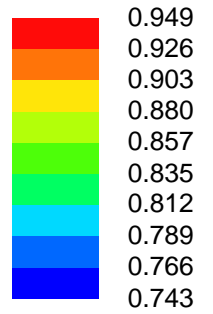
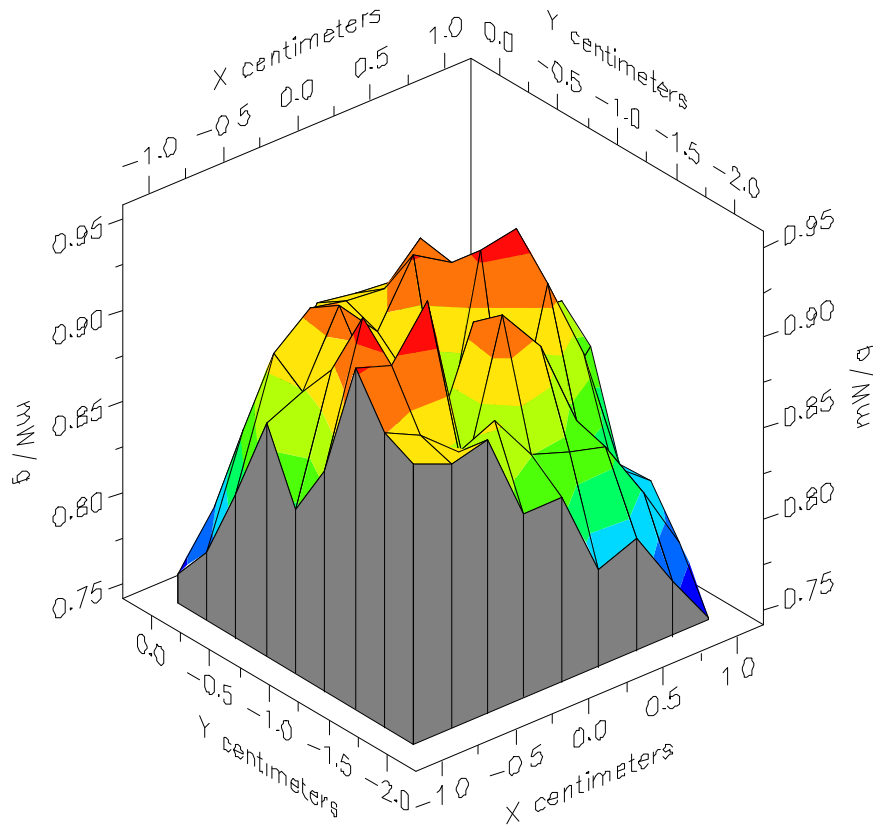


File : 01081531_ZOOM

Start : 15-Aug-101 04:13:13 pm End : 15-Aug-101 04:26:06 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

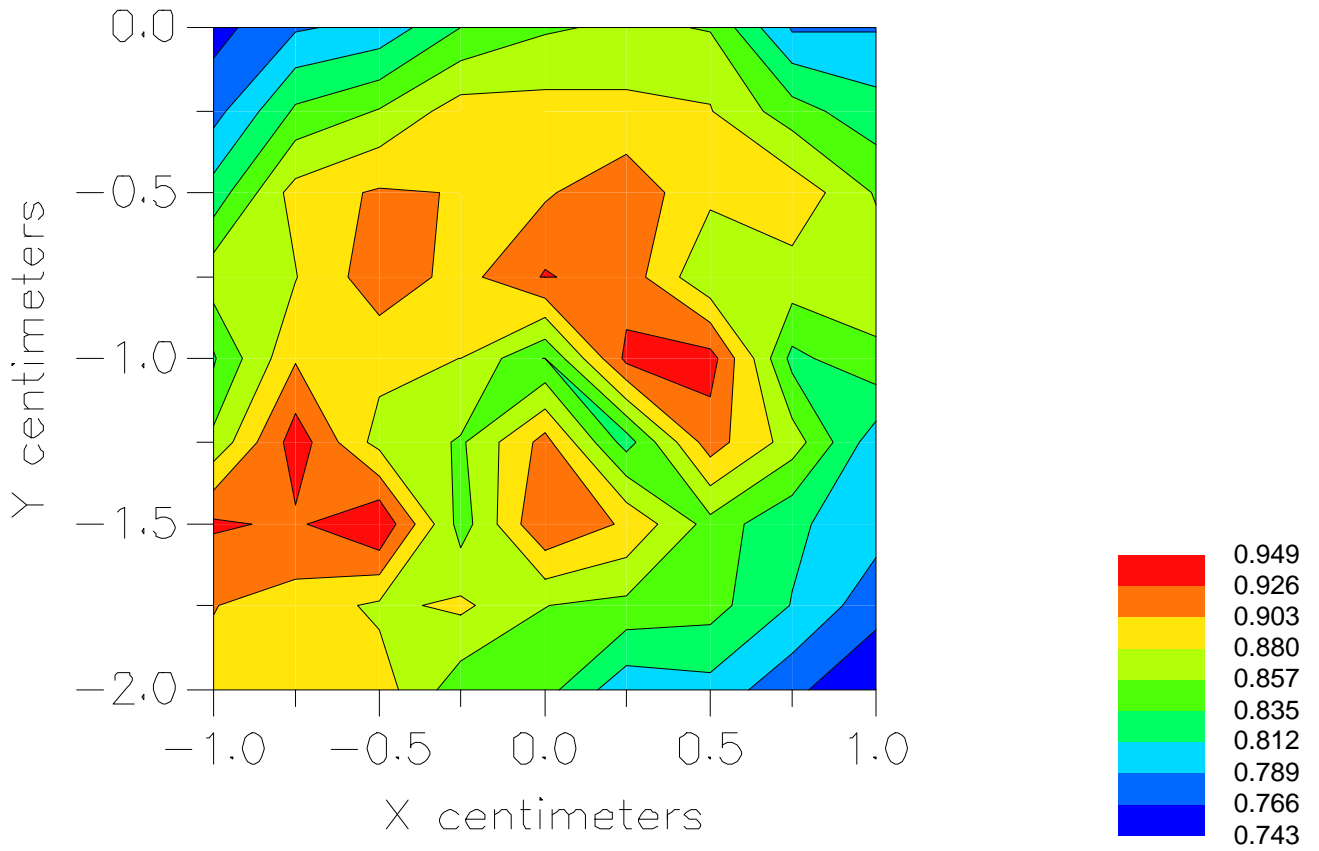


File : 01081531_ZOOM

Start : 15-Aug-101 04:13:13 pm End : 15-Aug-101 04:26:06 pm

GIGA/GDM-110/81;848.97MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081540_ZOOM.VLT
Start : 15-Aug-101 05:48:05 pm End : 15-Aug-101 05:56:05 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
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 = 54.200
Mixture Conductivity = 1.450

Comment :
GIGA DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 26.0 dBm
GIGA DUAL-MODE PHONE - BODY SAR

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 = 0.500, Y = -0.750, Z = 0.000 (cm) Value = 10.612

Measured Values (volts) =
9.834E-003 7.644E-003 6.526E-003 5.553E-003 4.643E-003 4.113E-003
3.680E-003 3.378E-003 3.191E-003 3.242E-003 2.984E-003 2.813E-003
2.342E-003 1.772E-003 1.306E-003 9.740E-004 6.907E-004 5.957E-004
5.637E-004 8.220E-004 1.121E-003

Calc. Voltage @ Surface (Vs) = 0.0121

Voltage @ 1.00 cm (Vt) = 0.0056

Ave. Voltage (Vs+Vt)/2 = 0.0088

Ave. SAR over 1 g (mW/g) = 1.1252

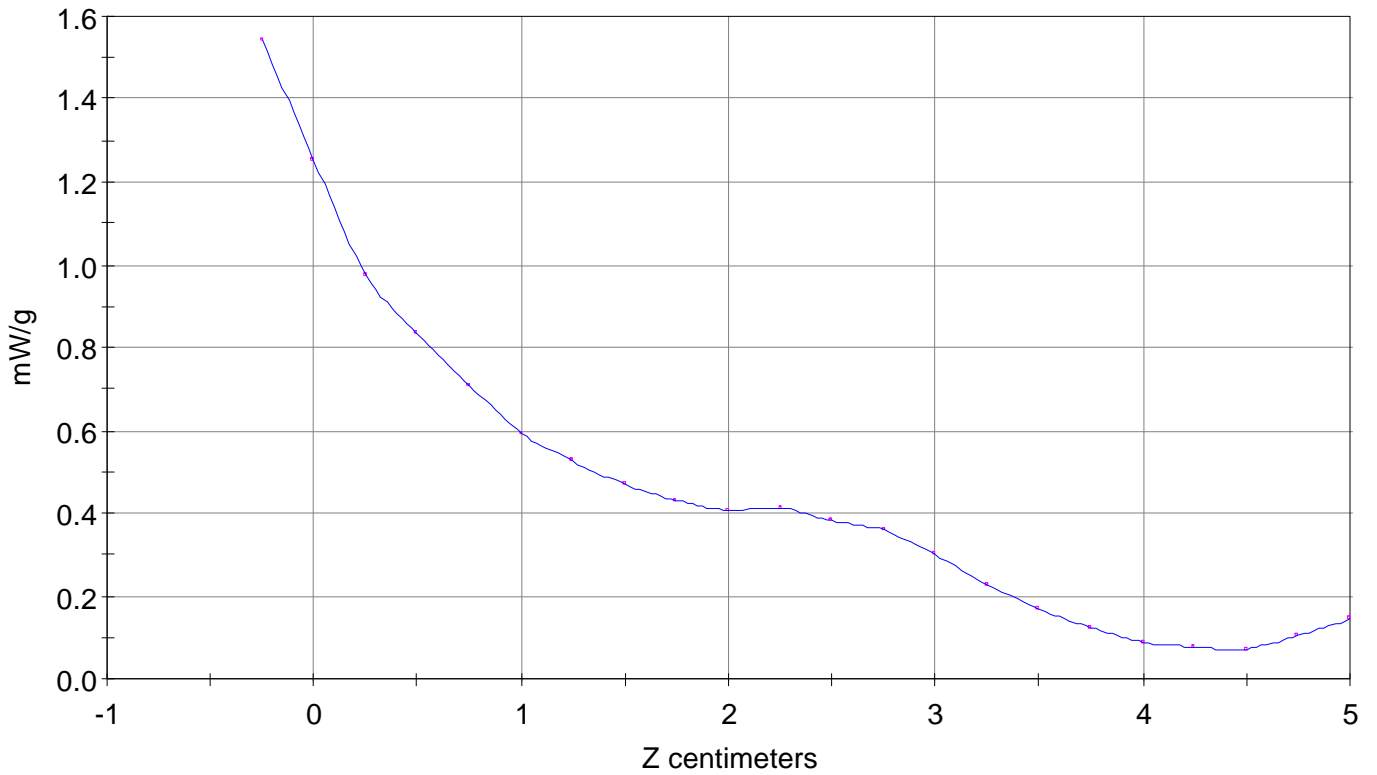
SAR Scan

File : 01081540_ZOOM

Start : 15-Aug-101 05:48:05 pm End : 15-Aug-101 05:56:05 pm

GIGA/GDM-110/81;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

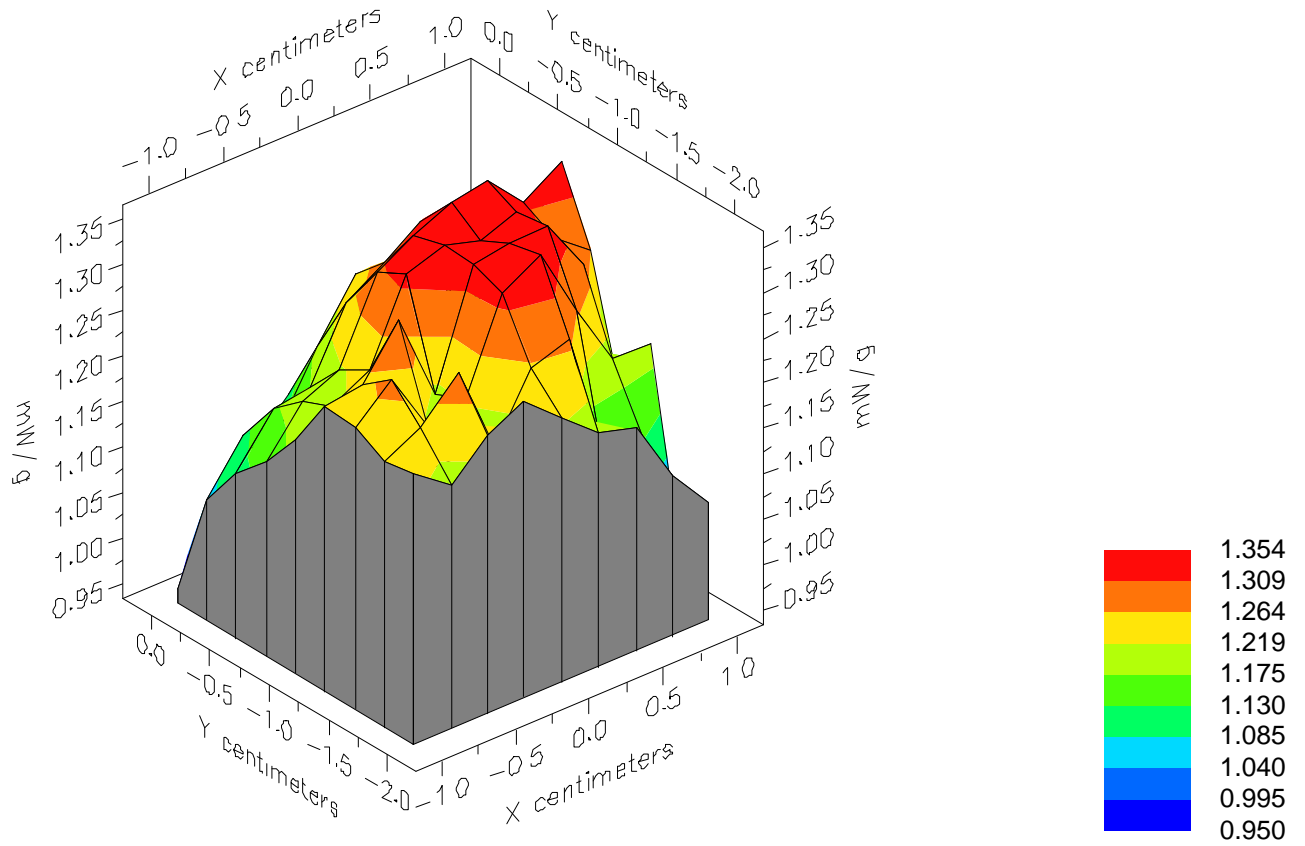


File : 01081540_ZOOM

Start : 15-Aug-101 05:48:05 pm End : 15-Aug-101 05:56:05 pm

GIGA/GDM-110/81;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

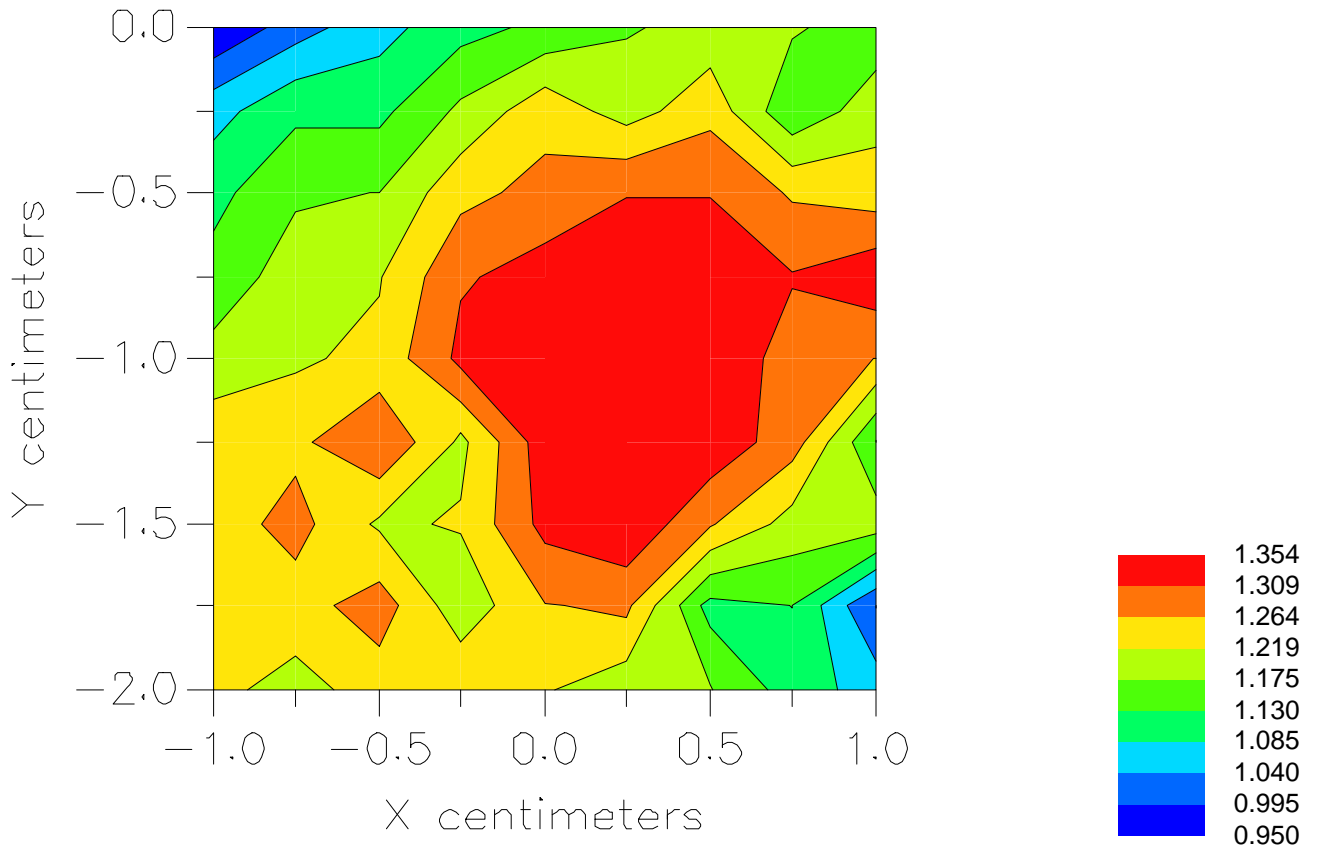


File : 01081540_ZOOM

Start : 15-Aug-101 05:48:05 pm End : 15-Aug-101 05:56:05 pm

GIGA/GDM-110/81;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01081538_ZOOM.VLT
Start : 15-Aug-101 05:36:29 pm End : 15-Aug-101 05:44:30 pm

Radio Type : GIGA
Model Number : GDM-110
Serial Number : 81
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 = 54.200
Mixture Conductivity = 1.450

Comment :
GIGA DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 26.0 dBm
GIGA DUAL-MODE PHONE - BODY SAR

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 = -0.750, Y = -1.250, Z = 0.000 (cm) Value = 11.203

Measured Values (volts) =
9.909E-003 7.886E-003 6.696E-003 5.725E-003 4.895E-003 4.467E-003
4.138E-003 4.109E-003 4.072E-003 3.692E-003 3.106E-003 2.537E-003
2.051E-003 1.501E-003 1.140E-003 8.186E-004 6.702E-004 9.256E-004
1.202E-003 1.478E-003 1.560E-003

Calc. Voltage @ Surface (Vs) = 0.0121

Voltage @ 1.00 cm (Vt) = 0.0057

Ave. Voltage (Vs+Vt)/2 = 0.0089

Ave. SAR over 1 g (mW/g) = 1.1347

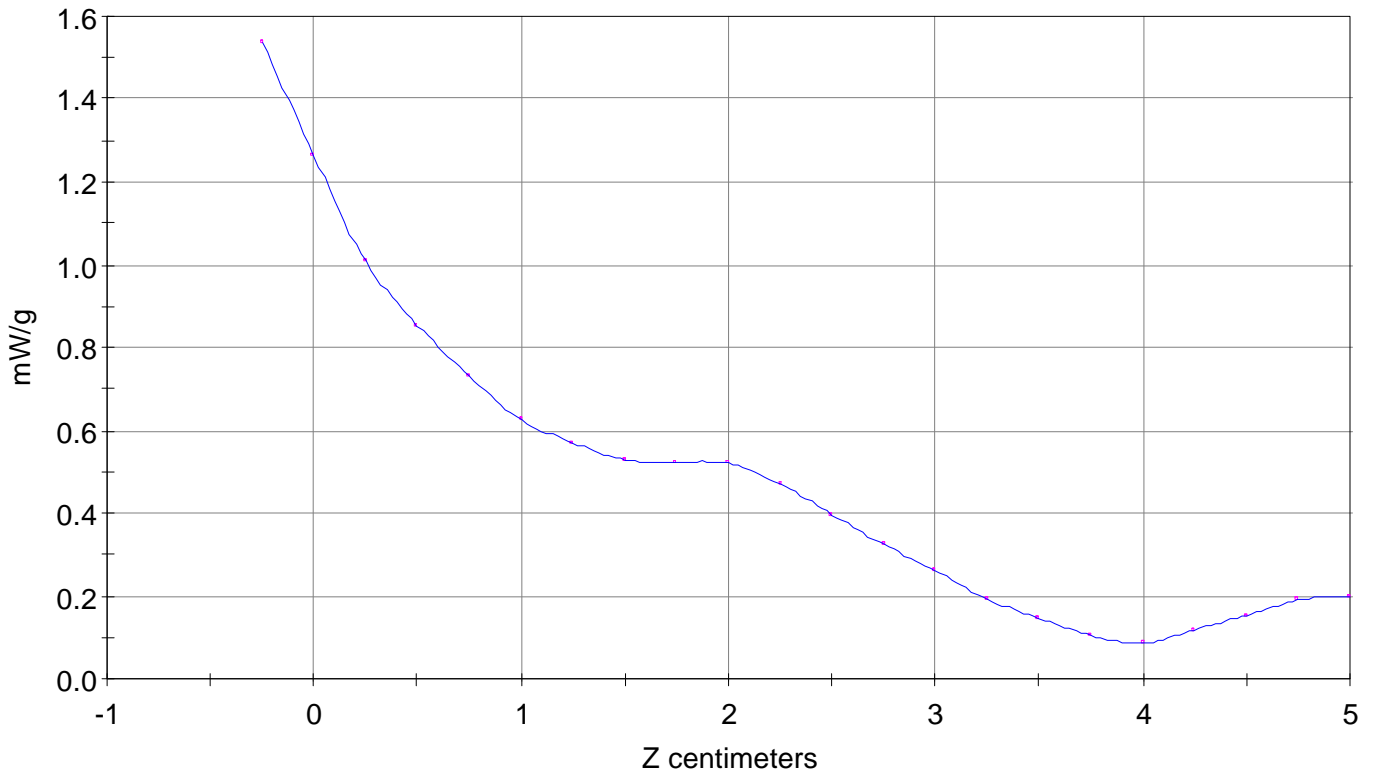
SAR Scan

File : 01081538_ZOOM

Start : 15-Aug-101 05:36:29 pm End : 15-Aug-101 05:44:30 pm

GIGA/GDM-110/81;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

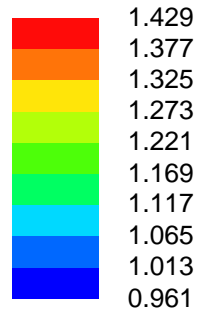
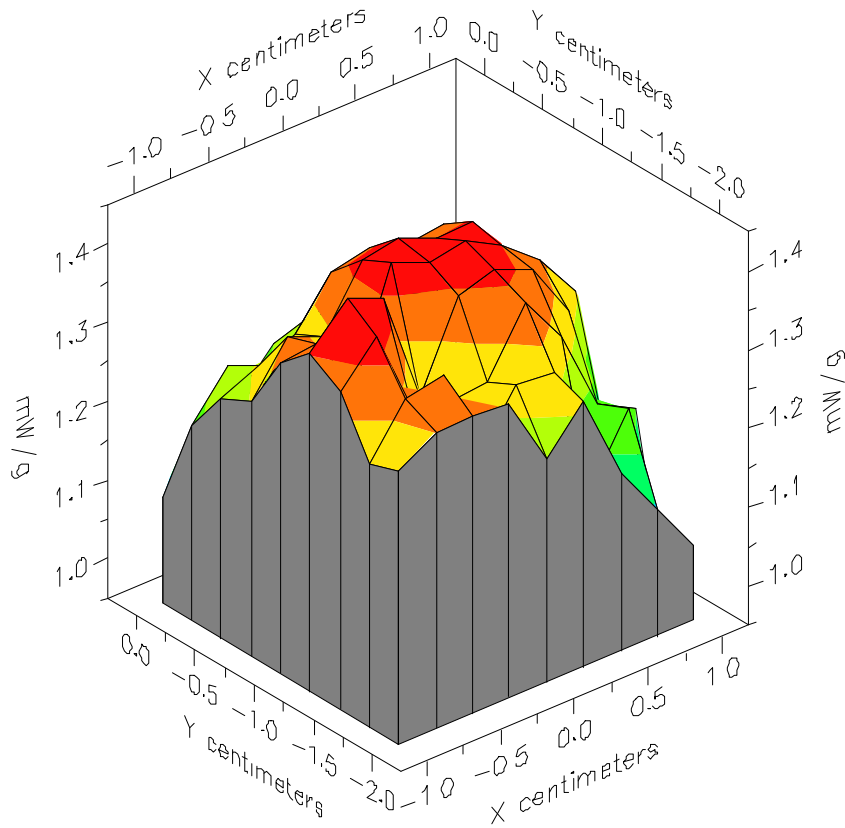


File : 01081538_ZOOM

Start : 15-Aug-101 05:36:29 pm End : 15-Aug-101 05:44:30 pm

GIGA/GDM-110/81;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : 01081538_ZOOM

Start : 15-Aug-101 05:36:29 pm End : 15-Aug-101 05:44:30 pm

GIGA/GDM-110/81;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

