

Peak SAR Location

Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030810_ZOOM.VLT
Start : 8-Mar-101 11:15:46 am End : 8-Mar-101 11:26:02 am

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 824.04 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 TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.5 dBm
GIGA TELECOM 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 = -5.250, Z = 0.000 (cm) Value = 15.204

Measured Values (volts) =
1.460E-002 1.190E-002 1.024E-002 9.221E-003 8.194E-003 7.333E-003
6.215E-003 5.202E-003 4.094E-003 3.218E-003 2.327E-003 1.773E-003
1.418E-003 1.350E-003 1.505E-003 1.756E-003 2.104E-003 2.281E-003
2.225E-003 1.748E-003 1.094E-003

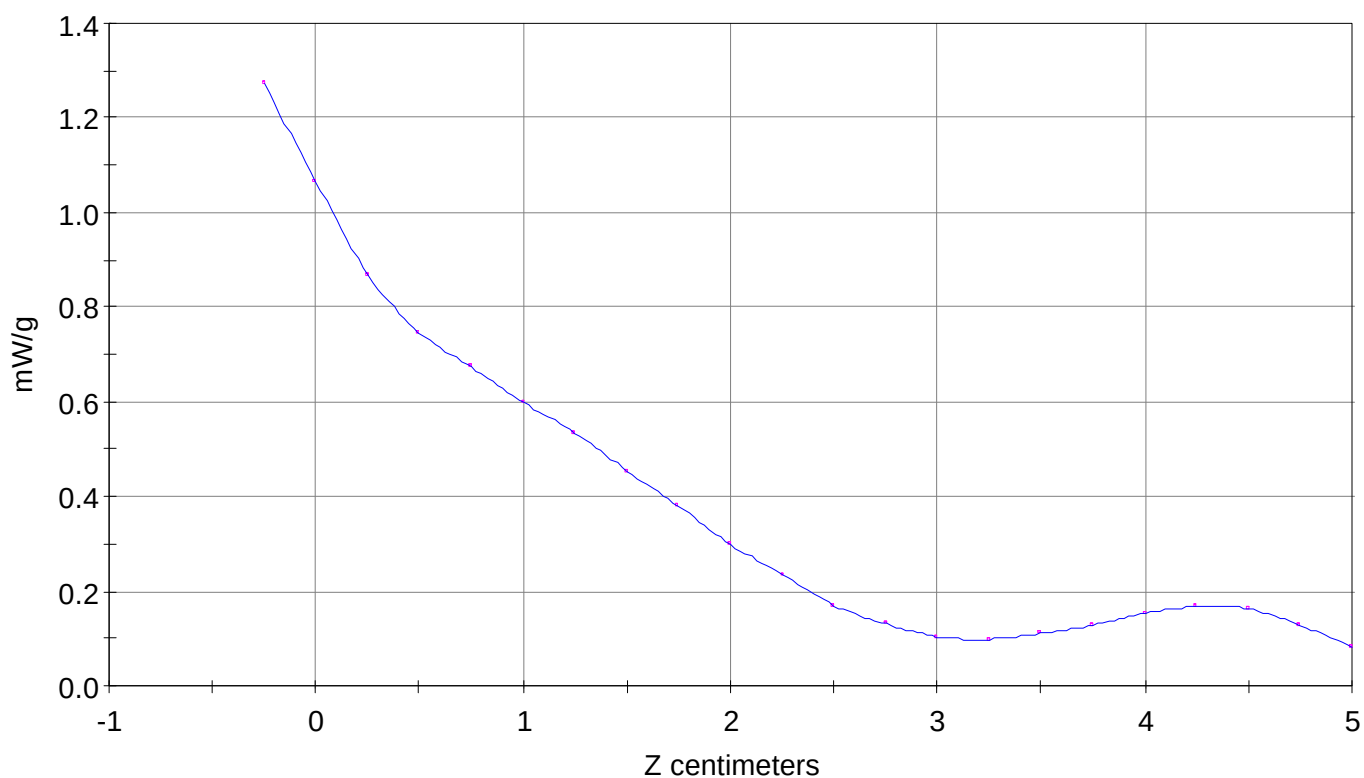
Calc. Voltage @ Surface (Vs) = 0.0174

Voltage @ 1.00 cm (Vt) = 0.0092

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

Ave. SAR over 1 g (mW/g) = 0.9727

SAR Scan
File : 01030810_ZOOM
Start : 8-Mar-101 11:15:46 am End : 8-Mar-101 11:26:02 am
GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

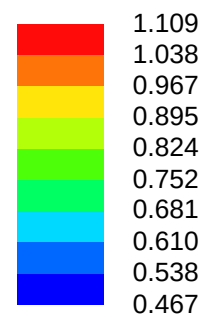
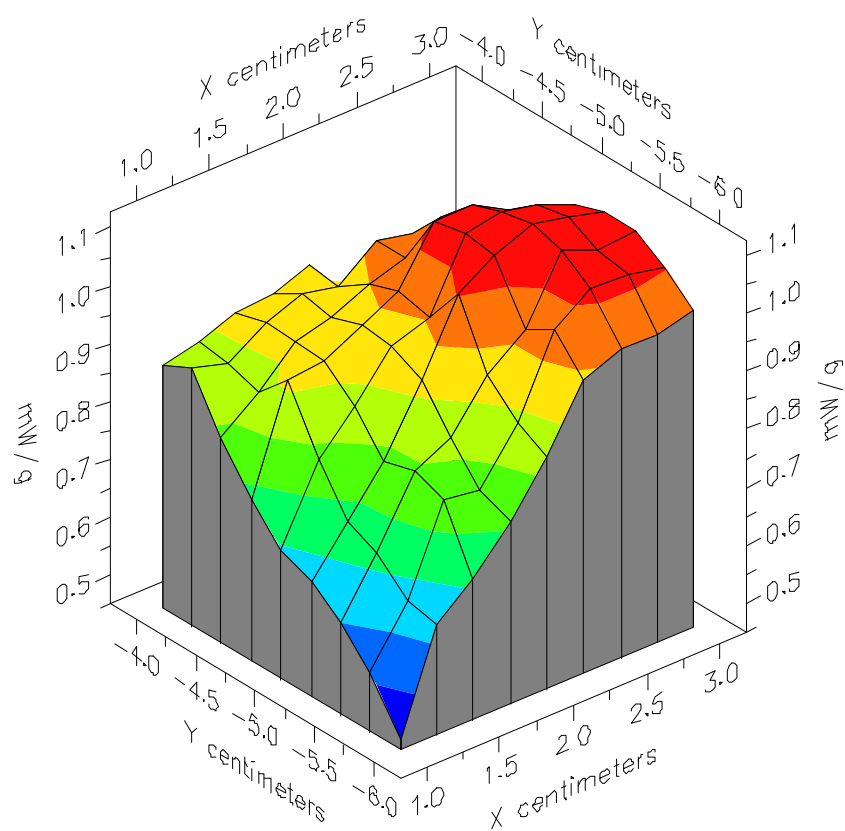


File : 01030810_ZOOM

Start : 8-Mar-101 11:15:46 am End : 8-Mar-101 11:26:02 am

GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/In;

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

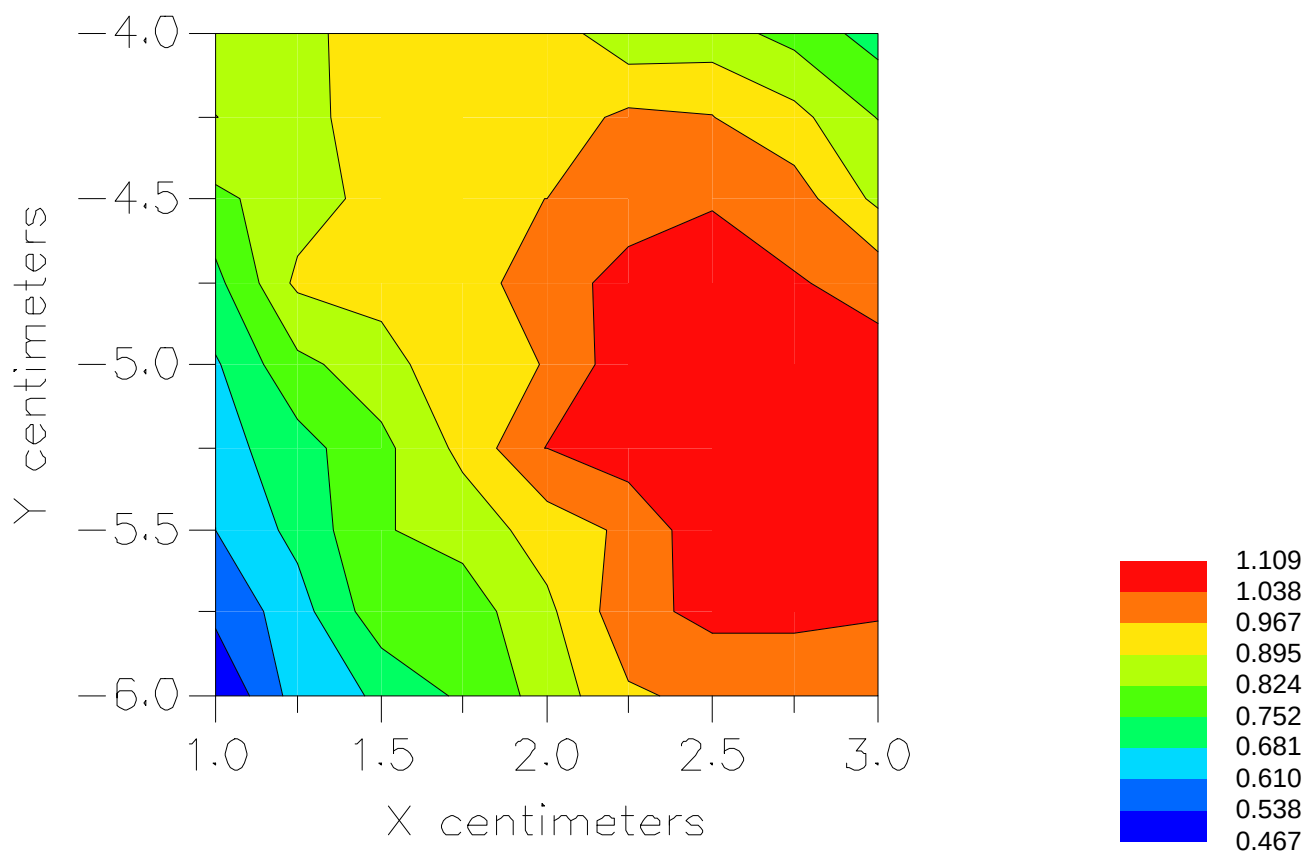


File : 01030810_ZOOM

Start : 8-Mar-101 11:15:46 am End : 8-Mar-101 11:26:02 am

GIGA TELECOM/GDM-100/1;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/01030813_ZOOM.VLT
Start : 8-Mar-101 11:50:03 am End : 8-Mar-101 12:00:15 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr : 0.560 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 TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.5 dBm
GIGA TELECOM 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 = -5.250, Z = 0.000 (cm) Value = 10.826

Measured Values (volts) =
1.007E-002 8.401E-003 7.315E-003 6.478E-003 6.291E-003 5.473E-003
4.427E-003 3.556E-003 3.069E-003 2.454E-003 1.718E-003 1.415E-003
1.086E-003 1.020E-003 1.132E-003 1.309E-003 1.623E-003 1.638E-003
1.587E-003 1.252E-003 9.869E-004

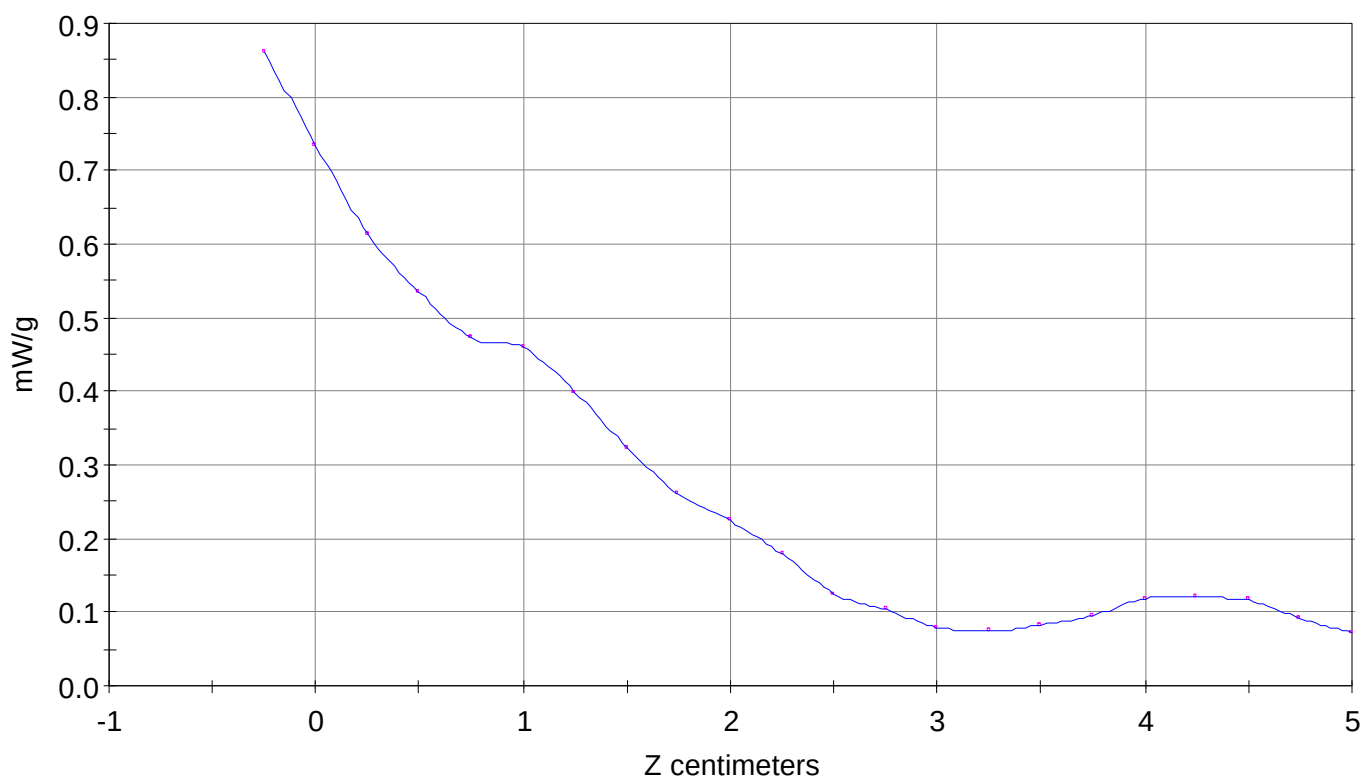
Calc. Voltage @ Surface (Vs) = 0.0118

Voltage @ 1.00 cm (Vt) = 0.0065

Ave. Voltage (Vs+Vt)/2 = 0.0091

Ave. SAR over 1 g (mW/g) = 0.6672

SAR Scan
File : 01030813_ZOOM
Start : 8-Mar-101 11:50:03 am End : 8-Mar-101 12:00:15 pm
GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

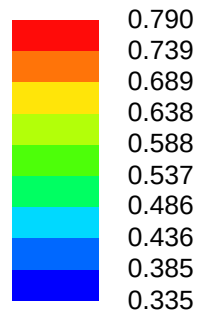
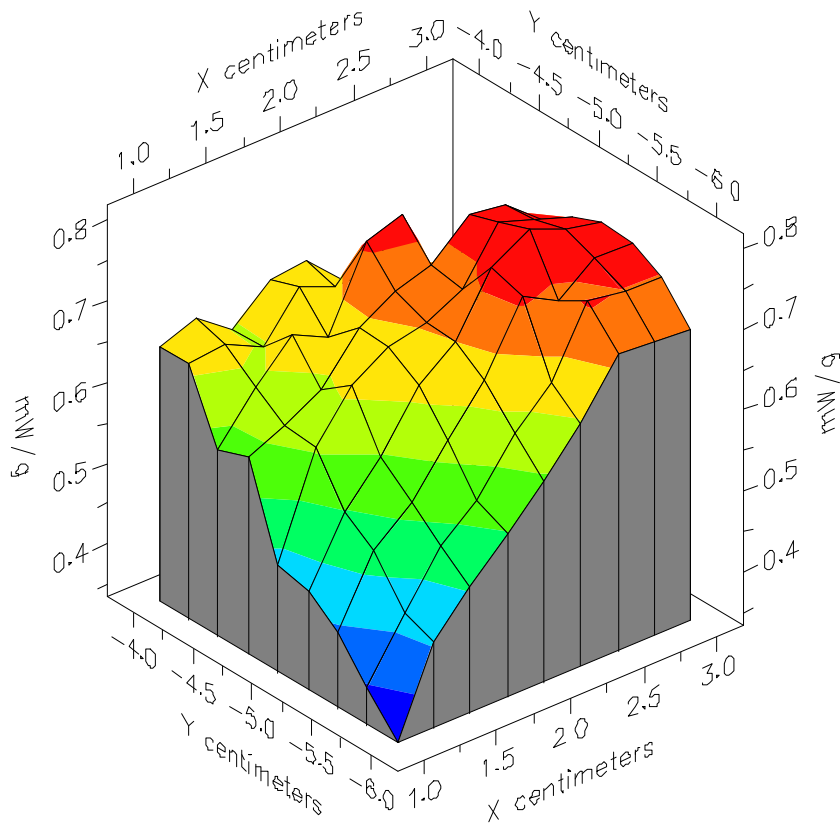


File : 01030813_ZOOM

Start : 8-Mar-101 11:50:03 am End : 8-Mar-101 12:00:15 pm

GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/Out;

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

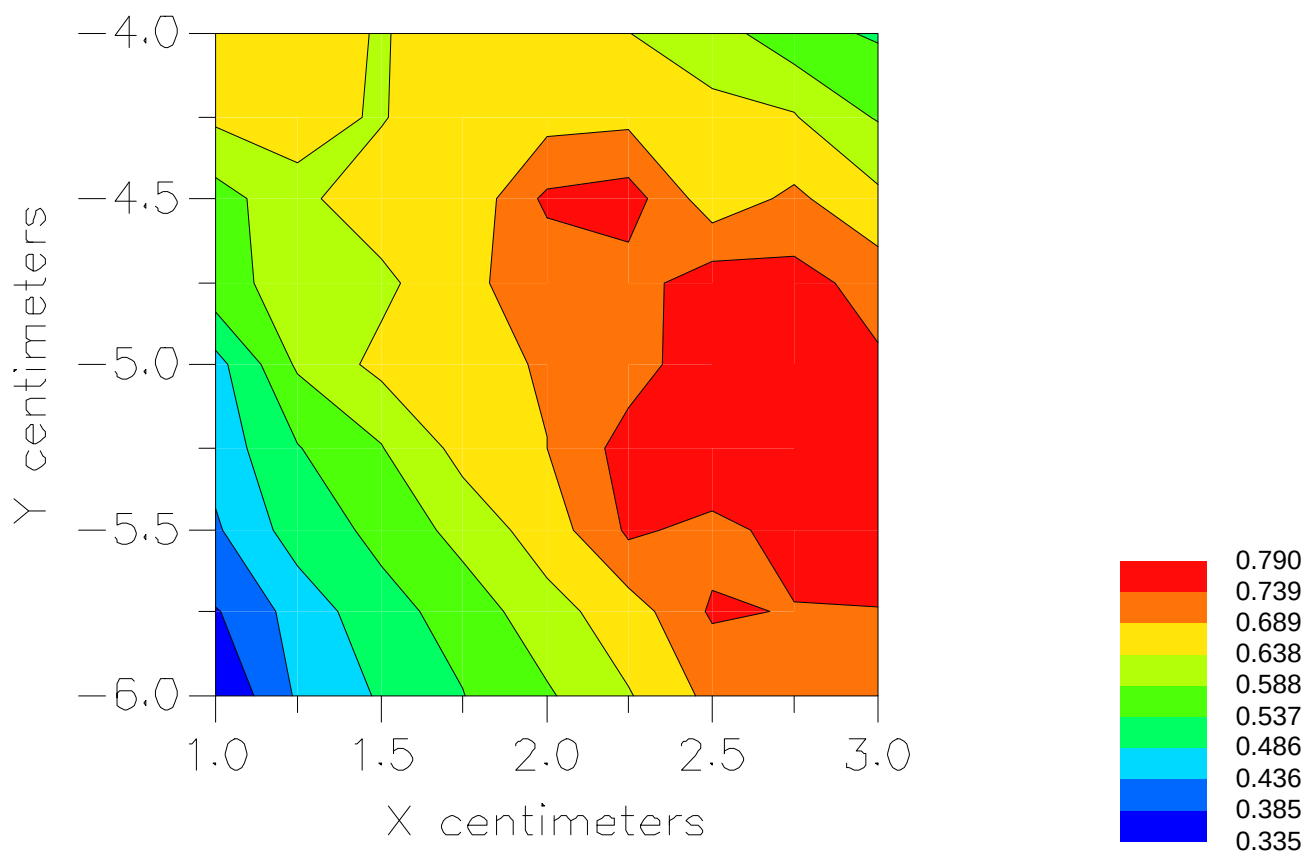


File : 01030813_ZOOM

Start : 8-Mar-101 11:50:03 am End : 8-Mar-101 12:00:15 pm

GIGA TELECOM/GDM-100/1;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/01030806_ZOOM.VLT
Start : 8-Mar-101 10:21:53 am End : 8-Mar-101 10:32:09 am

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
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 TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.5 dBm
GIGA TELECOM 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 = -5.000, Z = 0.000 (cm) Value = 20.566

Measured Values (volts) =
2.033E-002 1.610E-002 1.405E-002 1.255E-002 1.136E-002 1.007E-002
8.706E-003 7.244E-003 5.777E-003 4.486E-003 3.250E-003 2.412E-003
1.936E-003 1.824E-003 1.981E-003 2.346E-003 2.772E-003 3.126E-003
3.087E-003 2.507E-003 1.623E-003

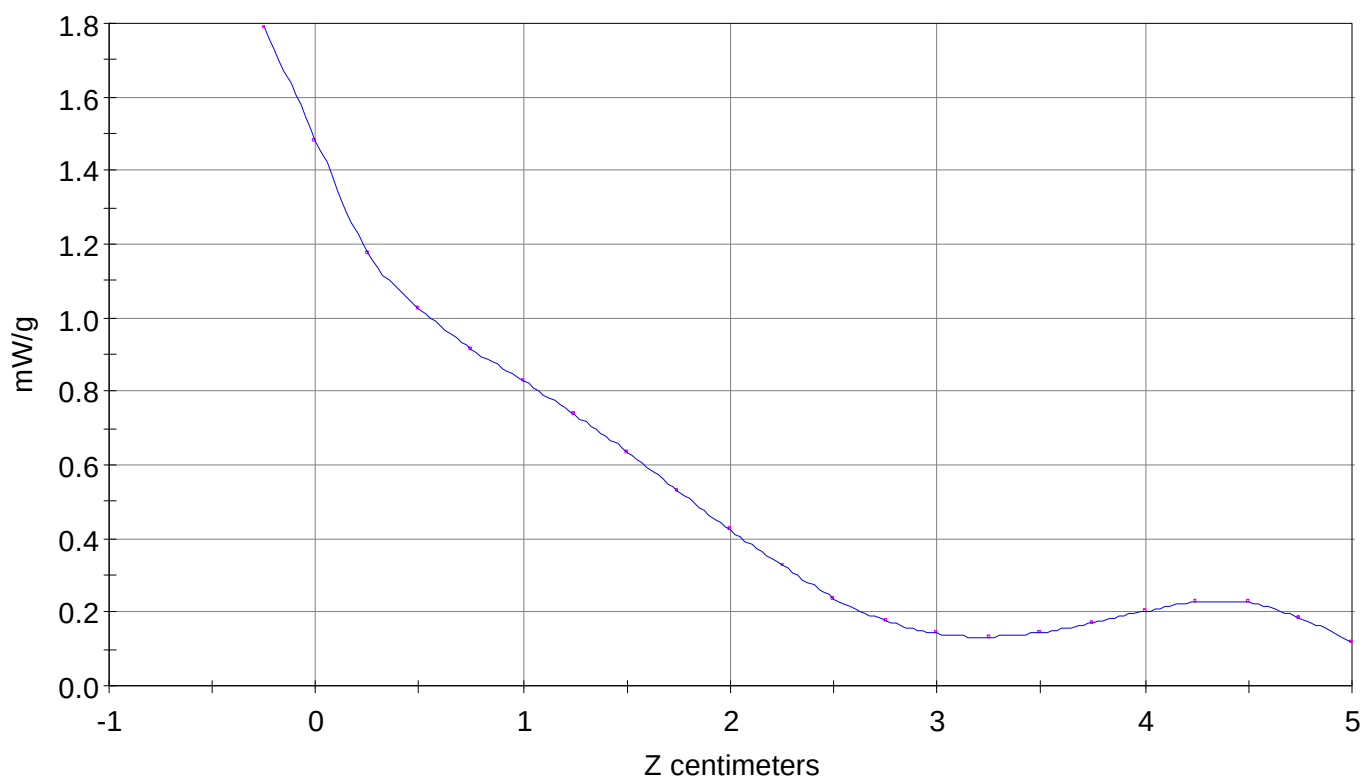
Calc. Voltage @ Surface (Vs) = 0.0245

Voltage @ 1.00 cm (Vt) = 0.0125

Ave. Voltage (Vs+Vt)/2 = 0.0185

Ave. SAR over 1 g (mW/g) = 1.3512

SAR Scan
File : 01030806_ZOOM
Start : 8-Mar-101 10:21:53 am End : 8-Mar-101 10:32:09 am
GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

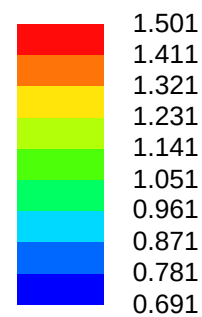
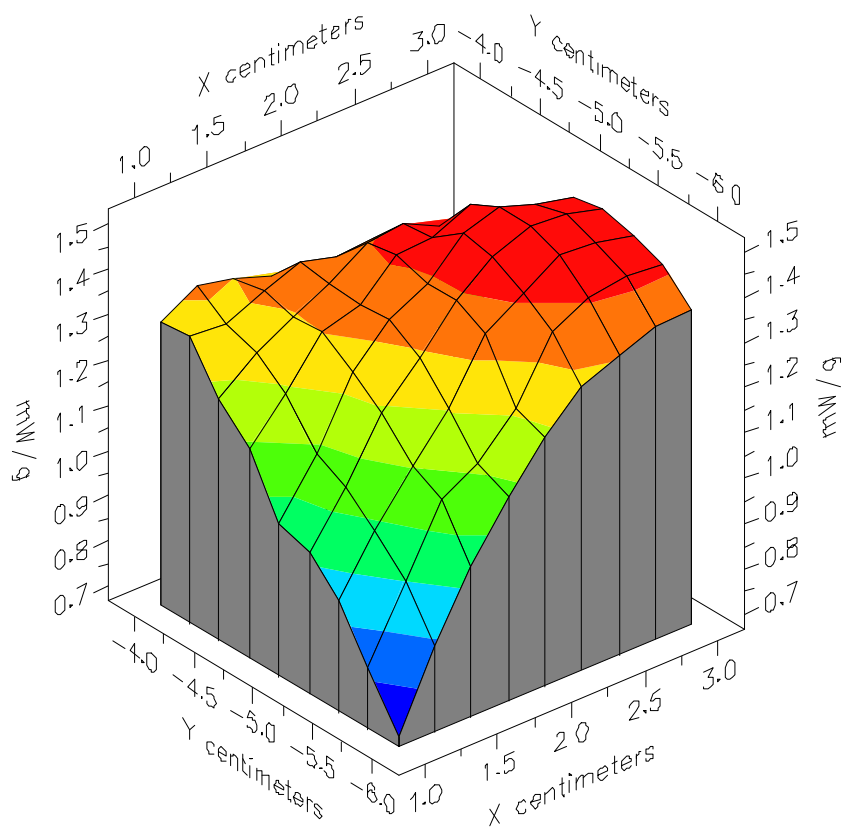


File : 01030806_ZOOM

Start : 8-Mar-101 10:21:53 am End : 8-Mar-101 10:32:09 am

GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/In;

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

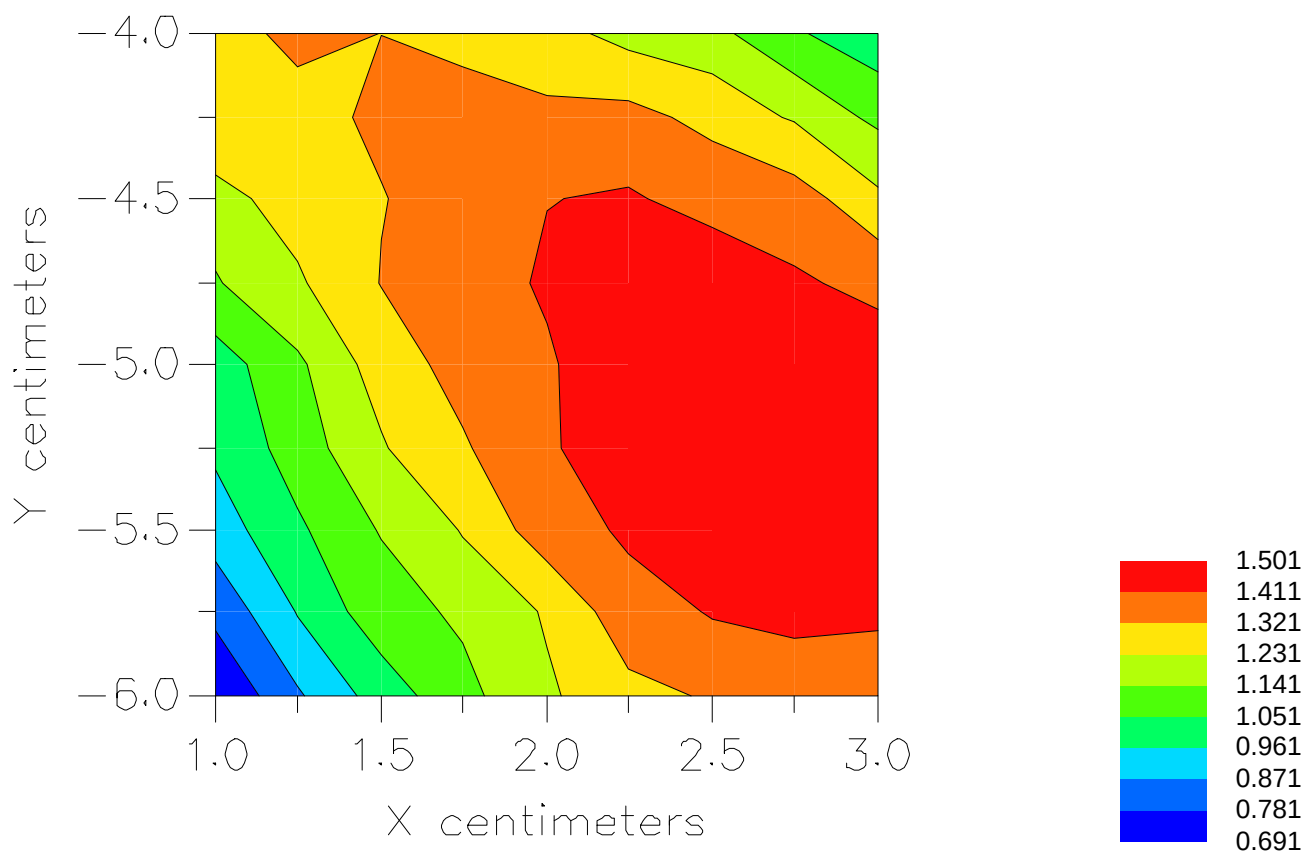


File : 01030806_ZOOM

Start : 8-Mar-101 10:21:53 am End : 8-Mar-101 10:32:09 am

GIGA TELECOM/GDM-100/1;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/01030811_ZOOM.VLT
Start : 8-Mar-101 11:37:46 am End : 8-Mar-101 11:47:41 am

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr : 0.560 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 TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.5 dBm
GIGA TELECOM 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 = -5.000, Z = 0.000 (cm) Value = 17.031

Measured Values (volts) =
1.624E-002 1.310E-002 1.155E-002 1.027E-002 9.242E-003 8.173E-003
7.012E-003 5.851E-003 4.694E-003 3.611E-003 2.765E-003 2.093E-003
1.696E-003 1.621E-003 1.748E-003 2.072E-003 2.409E-003 2.619E-003
2.573E-003 2.118E-003 1.530E-003

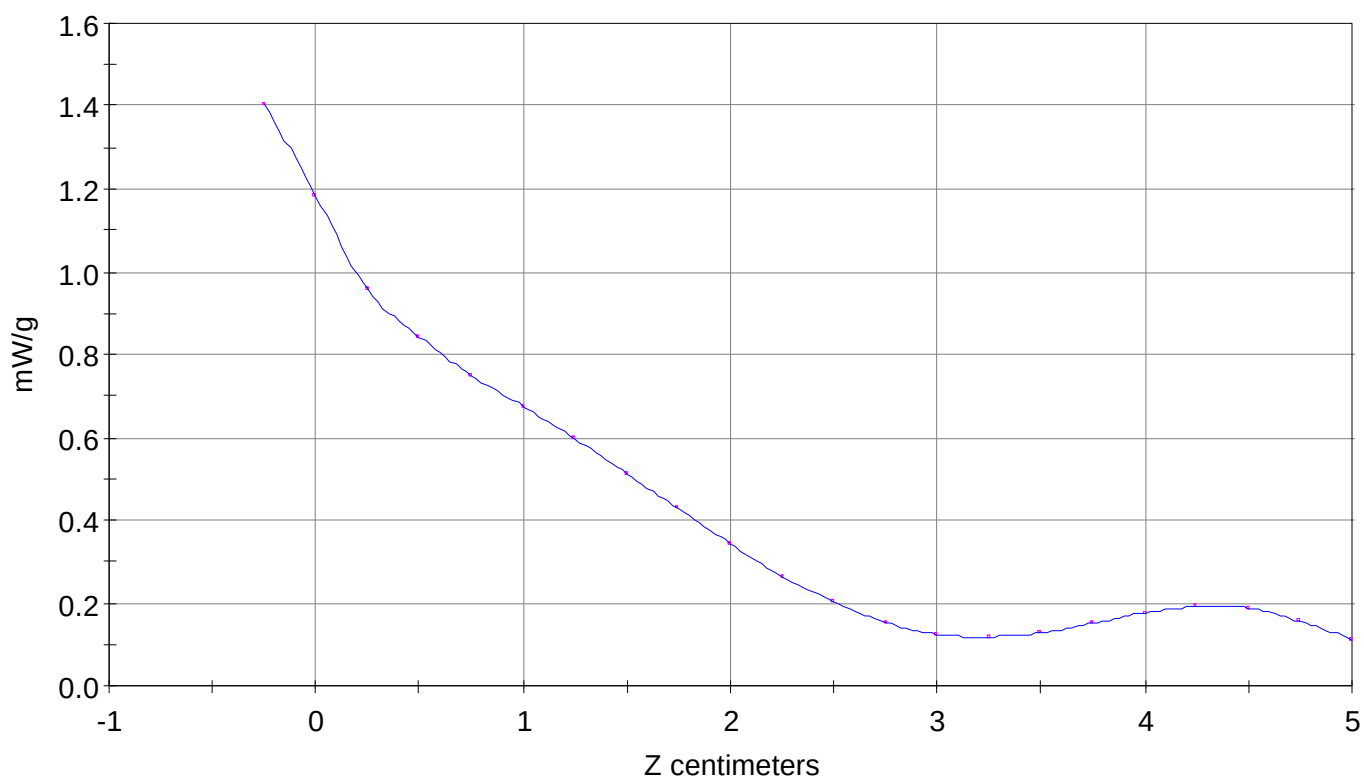
Calc. Voltage @ Surface (Vs) = 0.0193

Voltage @ 1.00 cm (Vt) = 0.0103

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

Ave. SAR over 1 g (mW/g) = 1.0774

SAR Scan
File : 01030811_ZOOM
Start : 8-Mar-101 11:37:46 am End : 8-Mar-101 11:47:41 am
GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

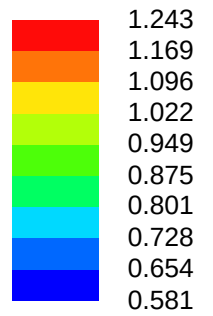
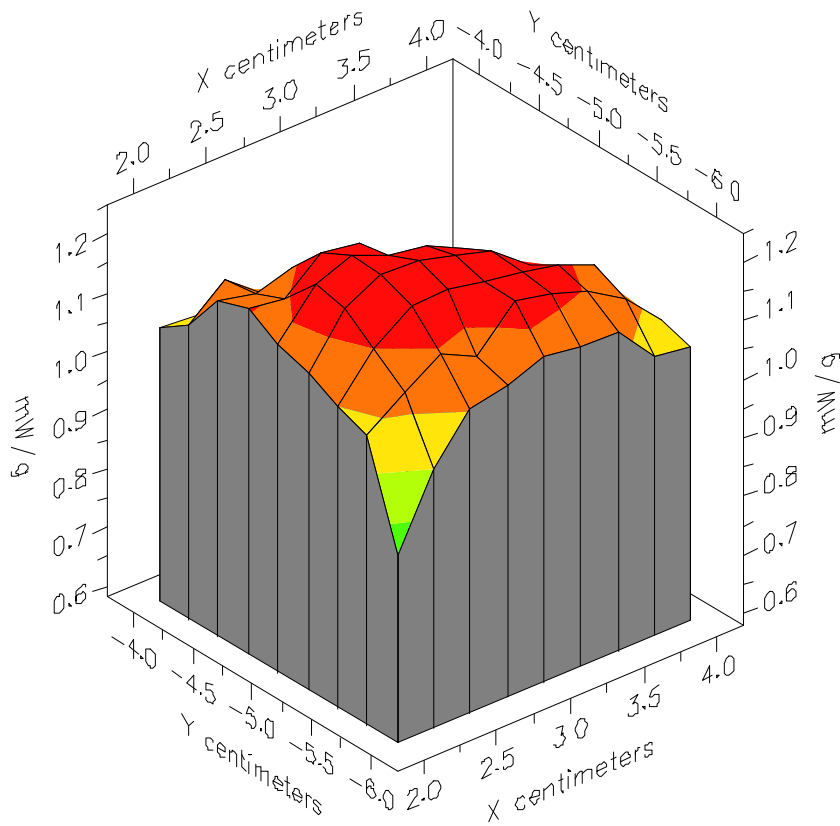


File : 01030811_ZOOM

Start : 8-Mar-101 11:37:46 am End : 8-Mar-101 11:47:41 am

GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/Out;

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

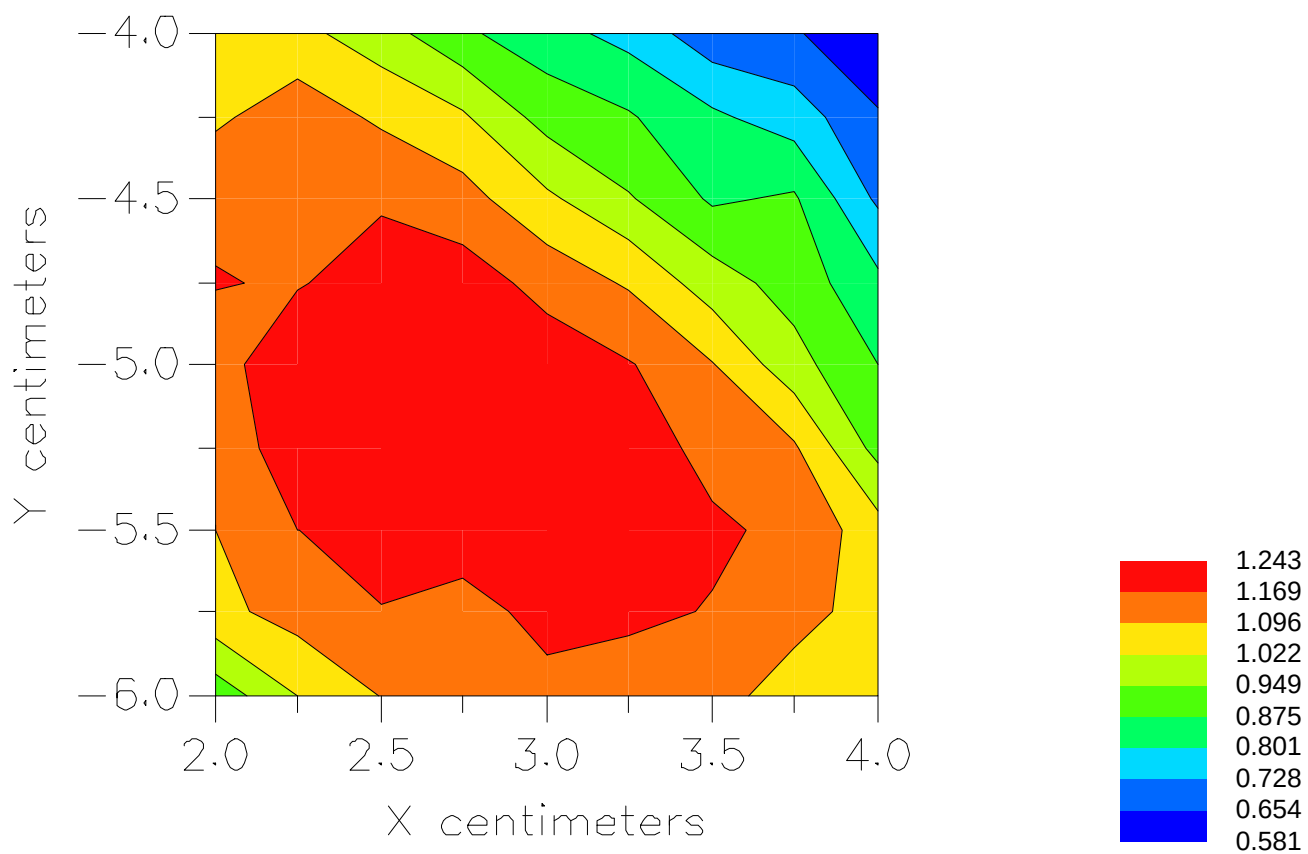


File : 01030811_ZOOM

Start : 8-Mar-101 11:37:46 am End : 8-Mar-101 11:47:41 am

GIGA TELECOM/GDM-100/1;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/01030807_ZOOM.VLT
Start : 8-Mar-101 10:33:40 am End : 8-Mar-101 10:43:13 am

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 848.97 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 TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.5 dBm
GIGA TELECOM 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 = 2.750, Y = -5.250, Z = 0.000 (cm) Value = 18.264

Measured Values (volts) =
1.788E-002 1.478E-002 1.276E-002 1.132E-002 1.018E-002 8.923E-003
7.816E-003 6.393E-003 5.115E-003 3.978E-003 2.948E-003 2.183E-003
1.757E-003 1.666E-003 1.890E-003 2.199E-003 2.546E-003 2.837E-003
2.750E-003 2.188E-003 1.471E-003

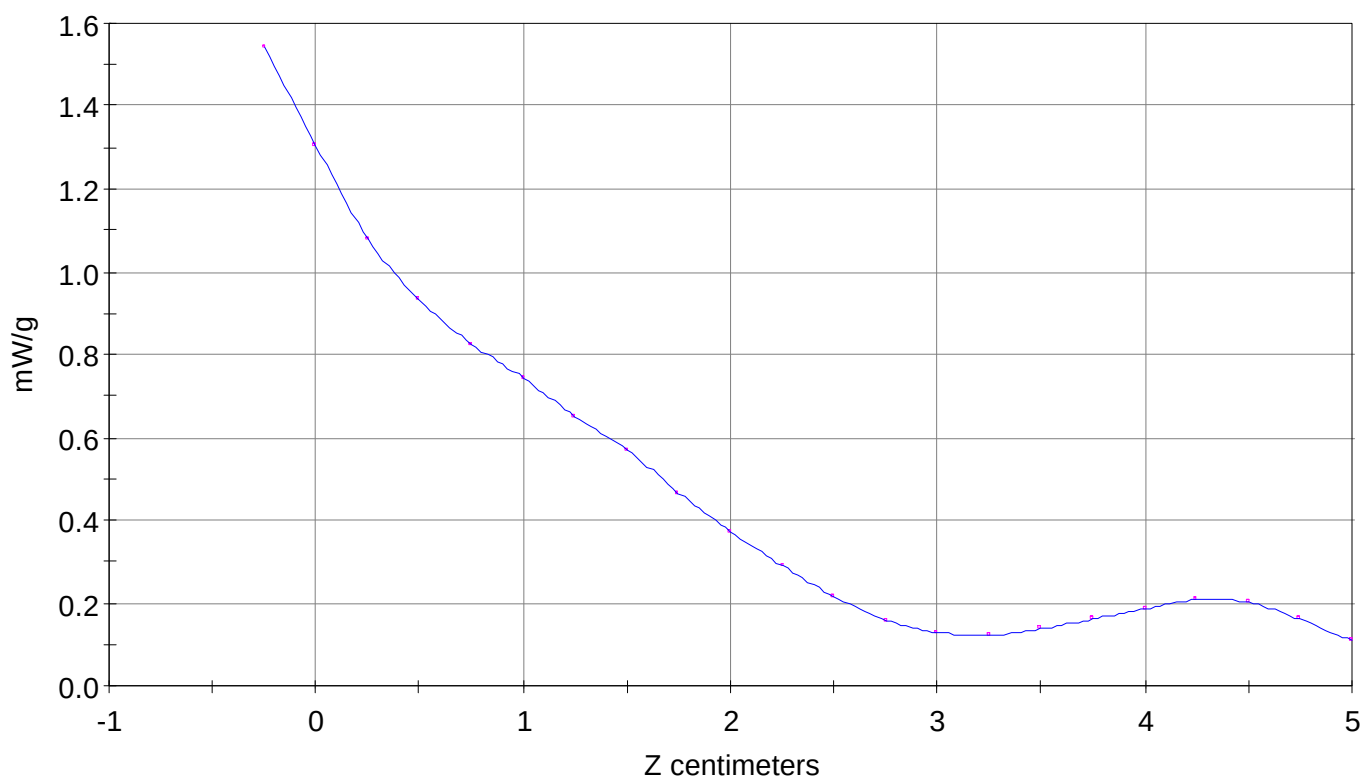
Calc. Voltage @ Surface (Vs) = 0.0212

Voltage @ 1.00 cm (Vt) = 0.0113

Ave. Voltage (Vs+Vt)/2 = 0.0162

Ave. SAR over 1 g (mW/g) = 1.1849

SAR Scan
File : 01030807_ZOOM
Start : 8-Mar-101 10:33:40 am End : 8-Mar-101 10:43:13 am
GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

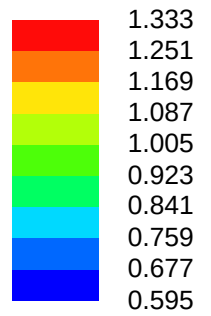
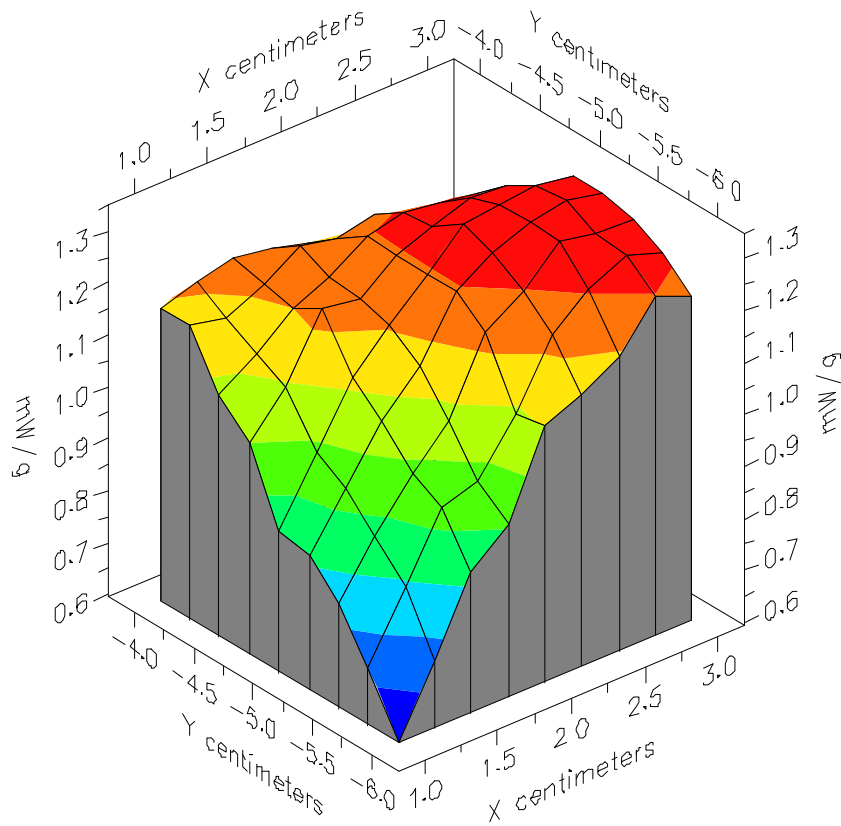


File : 01030807_ZOOM

Start : 8-Mar-101 10:33:40 am End : 8-Mar-101 10:43:13 am

GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/In;

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

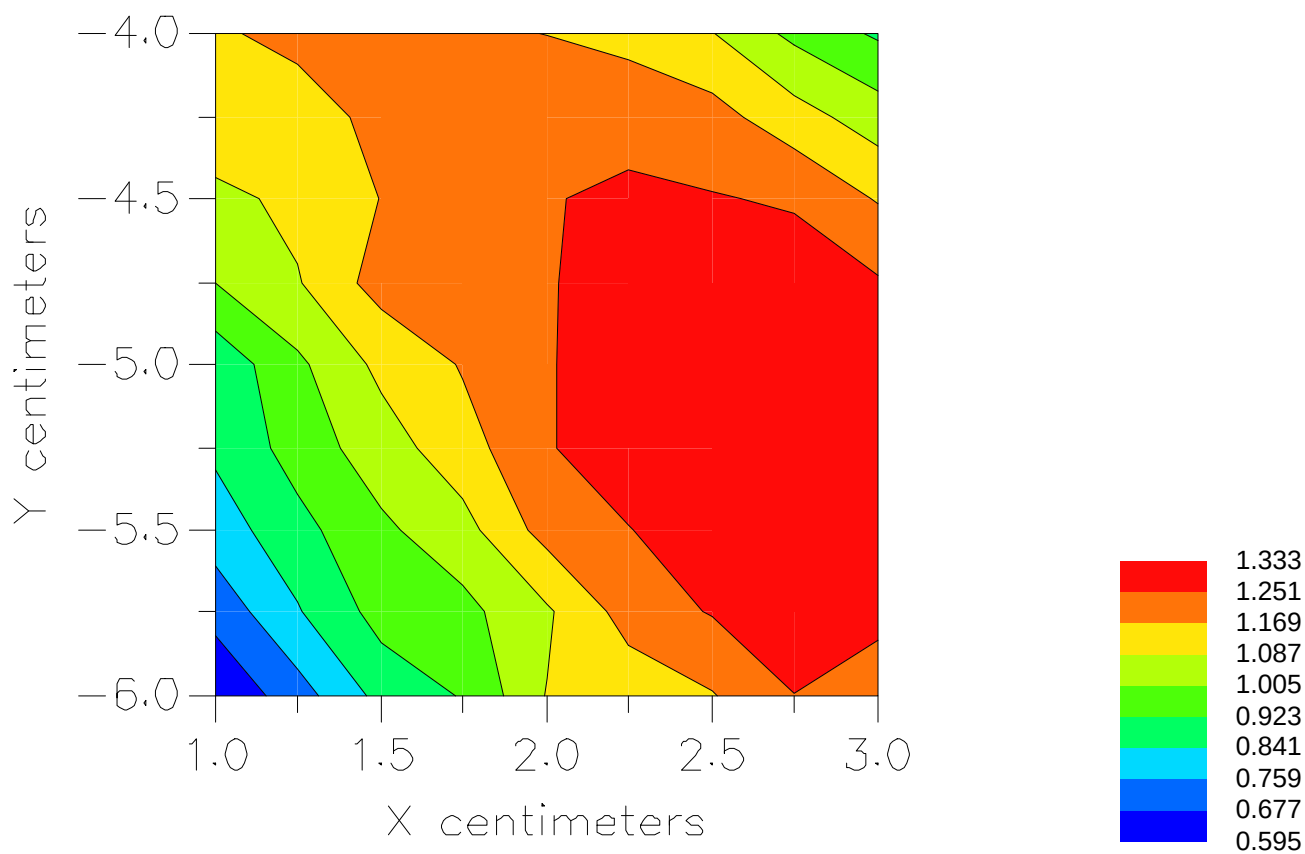


File : 01030807_ZOOM

Start : 8-Mar-101 10:33:40 am End : 8-Mar-101 10:43:13 am

GIGA TELECOM/GDM-100/1;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/01030814_ZOOM.VLT
Start : 8-Mar-101 12:01:23 pm End : 8-Mar-101 12:11:47 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr : 0.560 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 TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.5 dBm
GIGA TELECOM 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 = -5.250, Z = 0.000 (cm) Value = 17.310

Measured Values (volts) =
1.678E-002 1.352E-002 1.177E-002 1.050E-002 9.517E-003 8.460E-003
7.348E-003 6.108E-003 4.926E-003 3.895E-003 2.904E-003 2.180E-003
1.789E-003 1.722E-003 1.880E-003 2.197E-003 2.503E-003 2.774E-003
2.691E-003 2.150E-003 1.545E-003

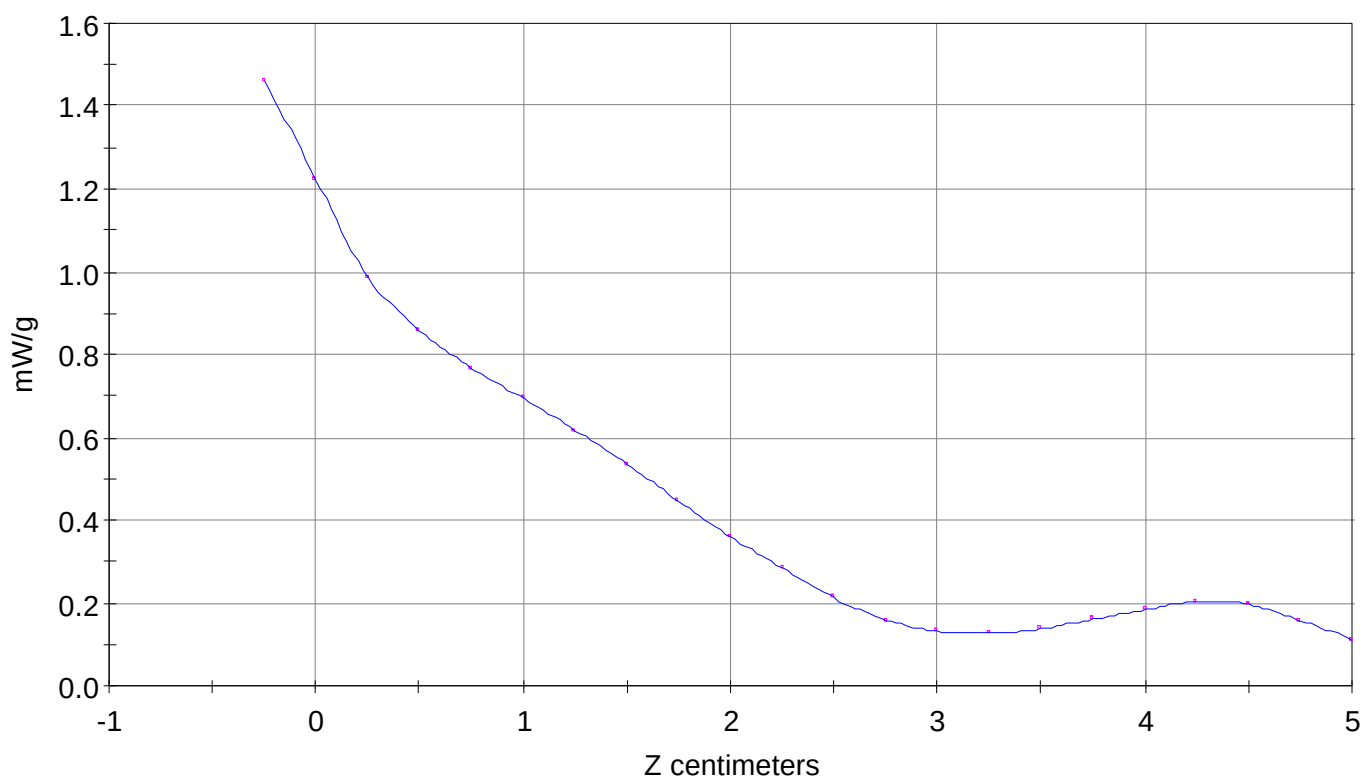
Calc. Voltage @ Surface (Vs) = 0.0201

Voltage @ 1.00 cm (Vt) = 0.0105

Ave. Voltage (Vs+Vt)/2 = 0.0153

Ave. SAR over 1 g (mW/g) = 1.1148

SAR Scan
File : 01030814_ZOOM
Start : 8-Mar-101 12:01:23 pm End : 8-Mar-101 12:11:47 pm
GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

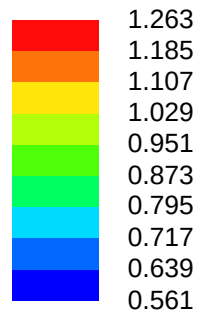
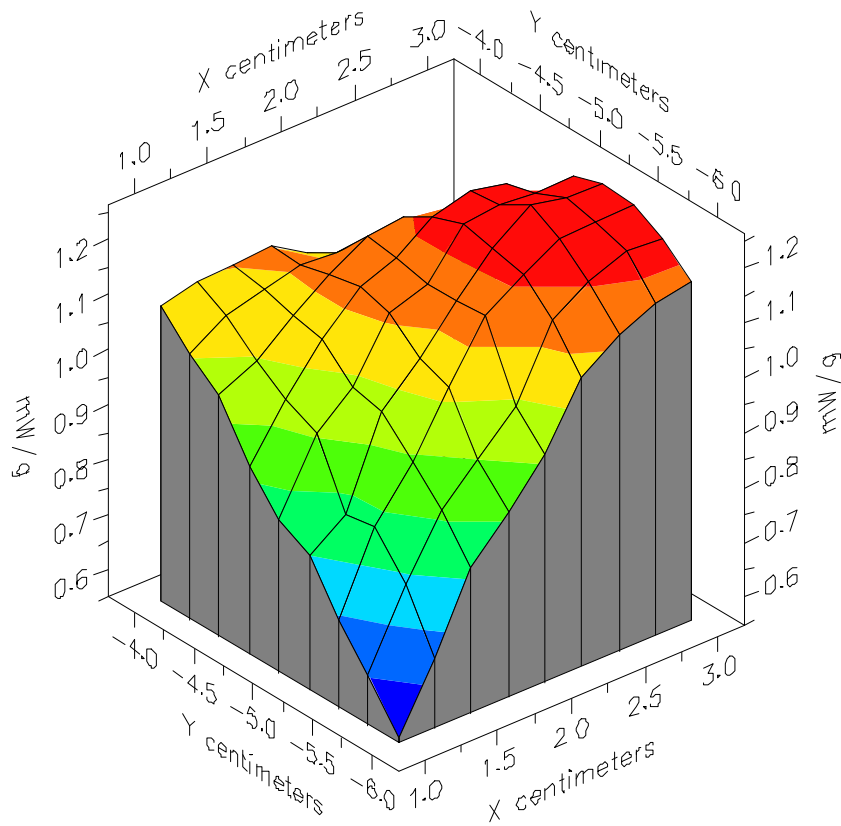


File : 01030814_ZOOM

Start : 8-Mar-101 12:01:23 pm End : 8-Mar-101 12:11:47 pm

GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/Out;

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

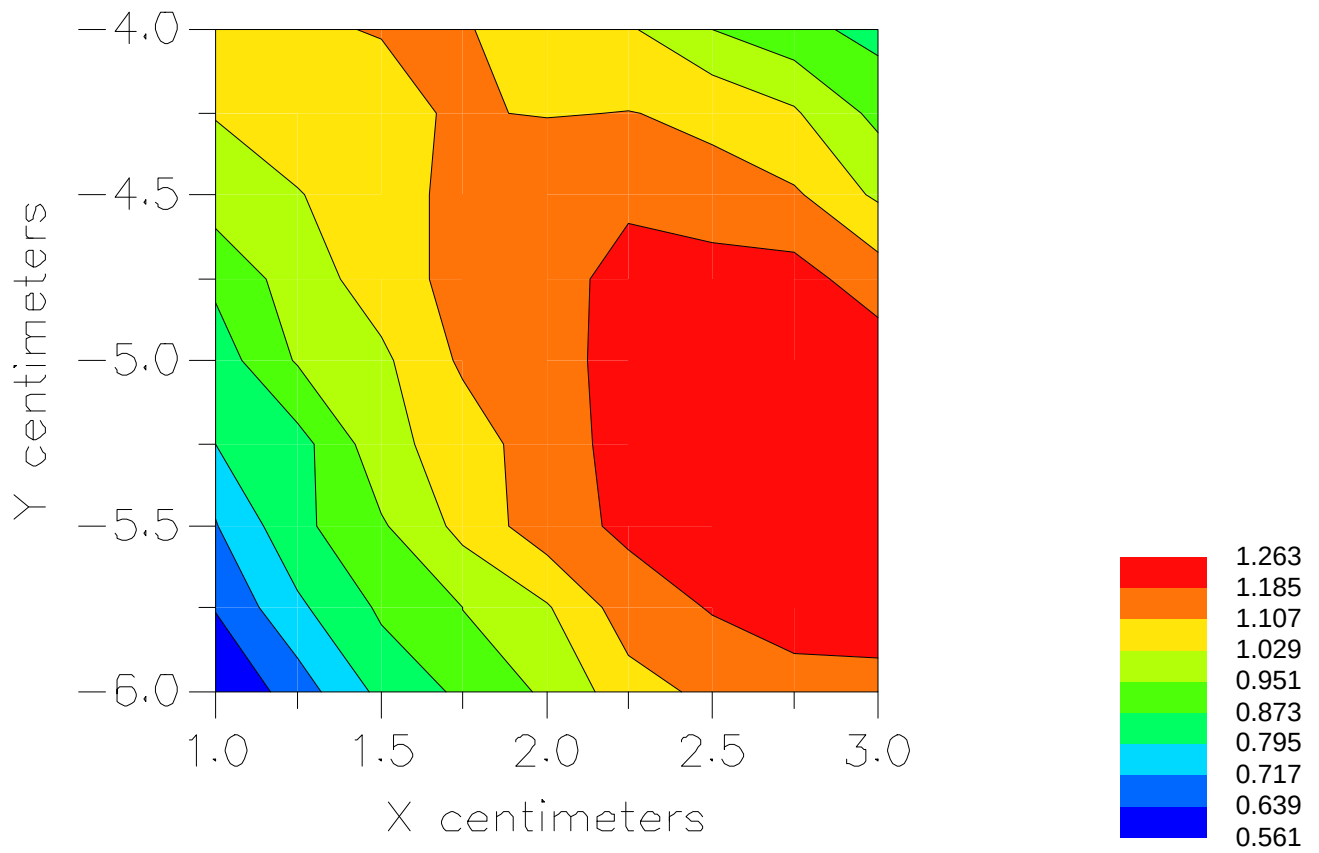


File : 01030814_ZOOM

Start : 8-Mar-101 12:01:23 pm End : 8-Mar-101 12:11:47 pm

GIGA TELECOM/GDM-100/1;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/01030815_ZOOM.VLT
Start : 8-Mar-101 02:09:04 pm End : 8-Mar-101 02:19:34 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
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 TELECOM DUAL-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 26.0 dBm
GIGA TELECOM 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 = -5.000, Z = 0.000 (cm) Value = 16.966

Measured Values (volts) =
1.680E-002 1.342E-002 1.172E-002 1.049E-002 9.463E-003 8.451E-003
7.175E-003 6.063E-003 4.776E-003 3.656E-003 2.638E-003 2.011E-003
1.644E-003 1.536E-003 1.701E-003 2.039E-003 2.398E-003 2.653E-003
2.601E-003 2.035E-003 1.337E-003

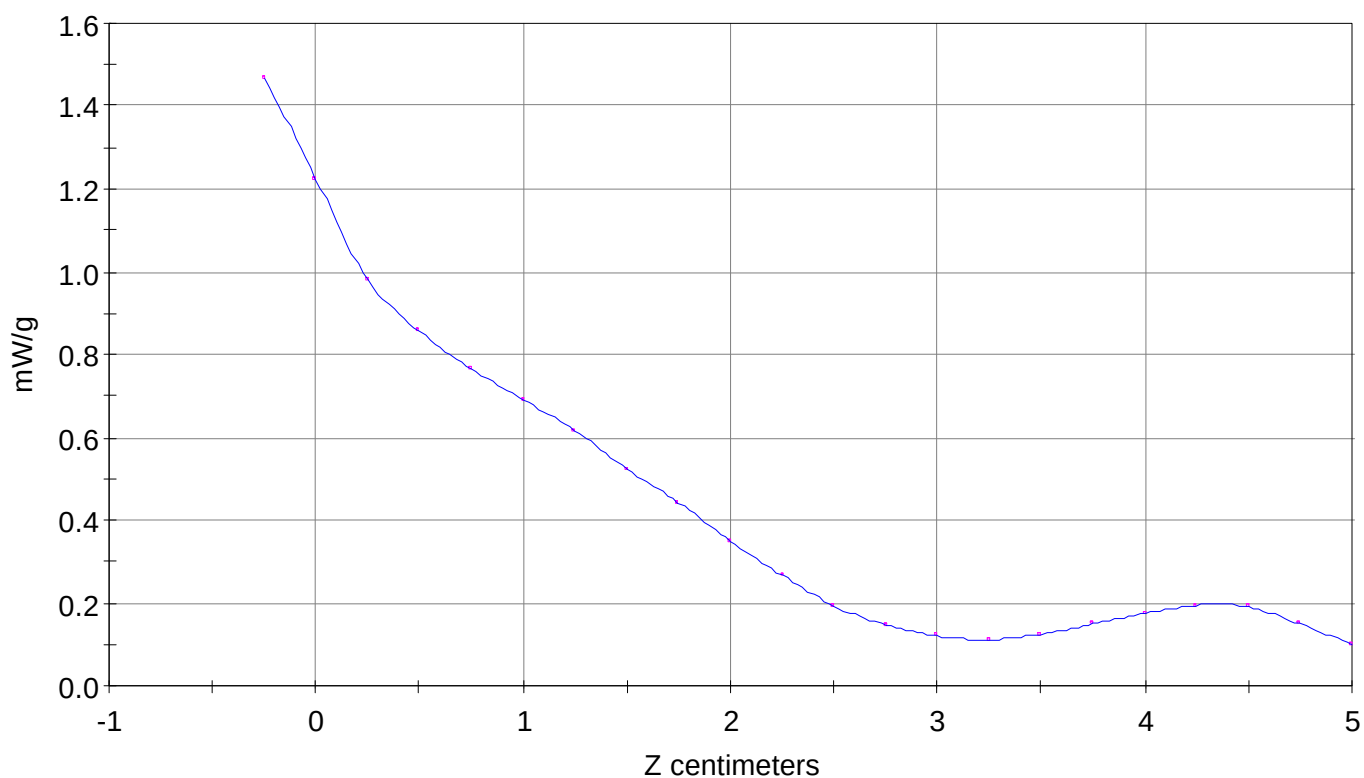
Calc. Voltage @ Surface (Vs) = 0.0201

Voltage @ 1.00 cm (Vt) = 0.0105

Ave. Voltage (Vs+Vt)/2 = 0.0153

Ave. SAR over 1 g (mW/g) = 1.1173

SAR Scan
File : 01030815_ZOOM
Start : 8-Mar-101 02:09:04 pm End : 8-Mar-101 02:19:34 pm
GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

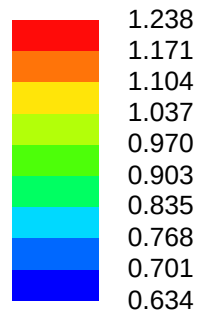
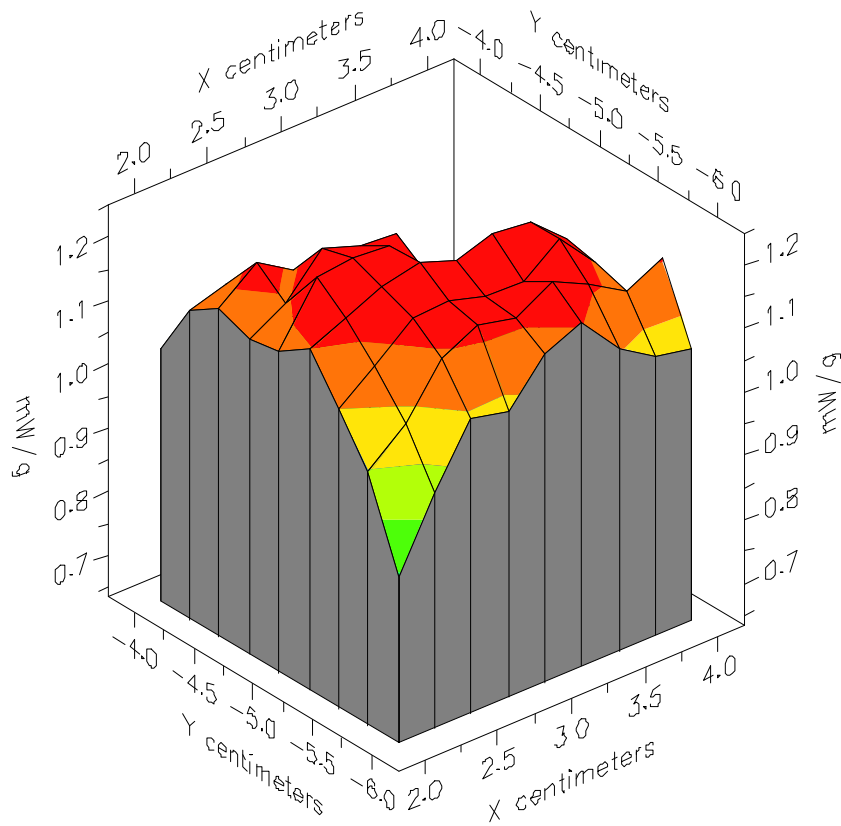


File : 01030815_ZOOM

Start : 8-Mar-101 02:09:04 pm End : 8-Mar-101 02:19:34 pm

GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/In;

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

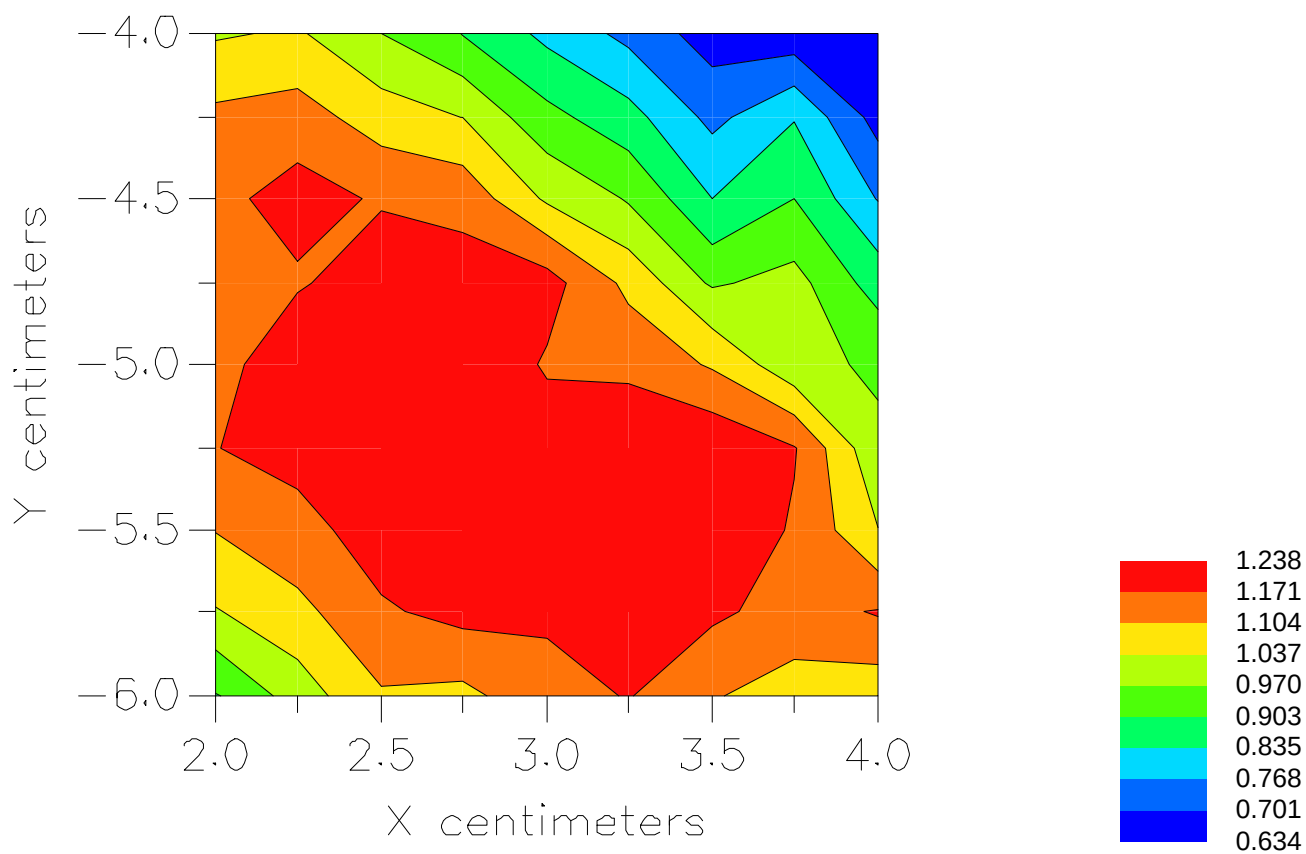


File : 01030815_ZOOM

Start : 8-Mar-101 02:09:04 pm End : 8-Mar-101 02:19:34 pm

GIGA TELECOM/GDM-100/1;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/01030817_ZOOM.VLT
Start : 8-Mar-101 02:21:59 pm End : 8-Mar-101 02:32:47 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
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 TELECOM DUAL-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 26.0 dBm
GIGA TELECOM 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 = 2.750, Y = -5.250, Z = 0.000 (cm) Value = 13.822

Measured Values (volts) =
1.363E-002 1.102E-002 9.612E-003 8.478E-003 7.580E-003 6.568E-003
5.612E-003 4.581E-003 3.674E-003 2.806E-003 2.093E-003 1.679E-003
1.469E-003 1.431E-003 1.647E-003 1.900E-003 2.147E-003 2.254E-003
2.132E-003 1.530E-003 1.179E-003

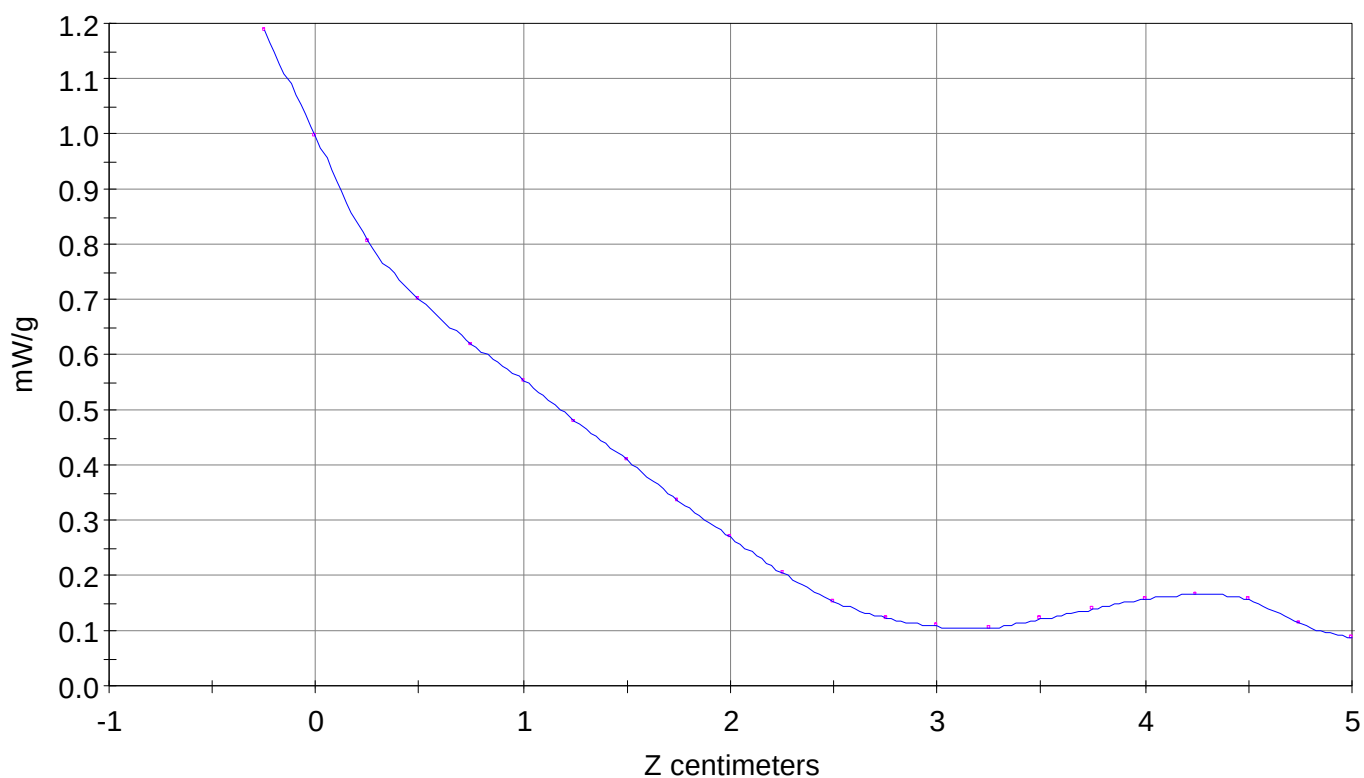
Calc. Voltage @ Surface (Vs) = 0.0162

Voltage @ 1.00 cm (Vt) = 0.0085

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

Ave. SAR over 1 g (mW/g) = 0.9020

SAR Scan
File : 01030817_ZOOM
Start : 8-Mar-101 02:21:59 pm End : 8-Mar-101 02:32:47 pm
GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

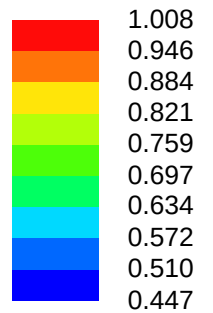
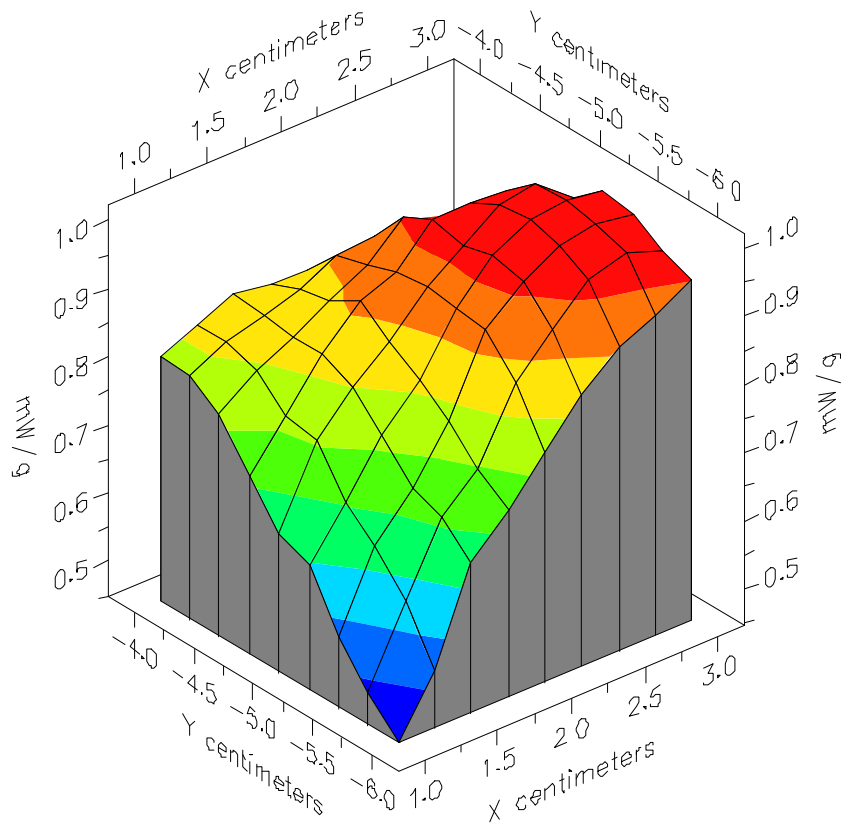


File : 01030817_ZOOM

Start : 8-Mar-101 02:21:59 pm End : 8-Mar-101 02:32:47 pm

GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/Out;

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

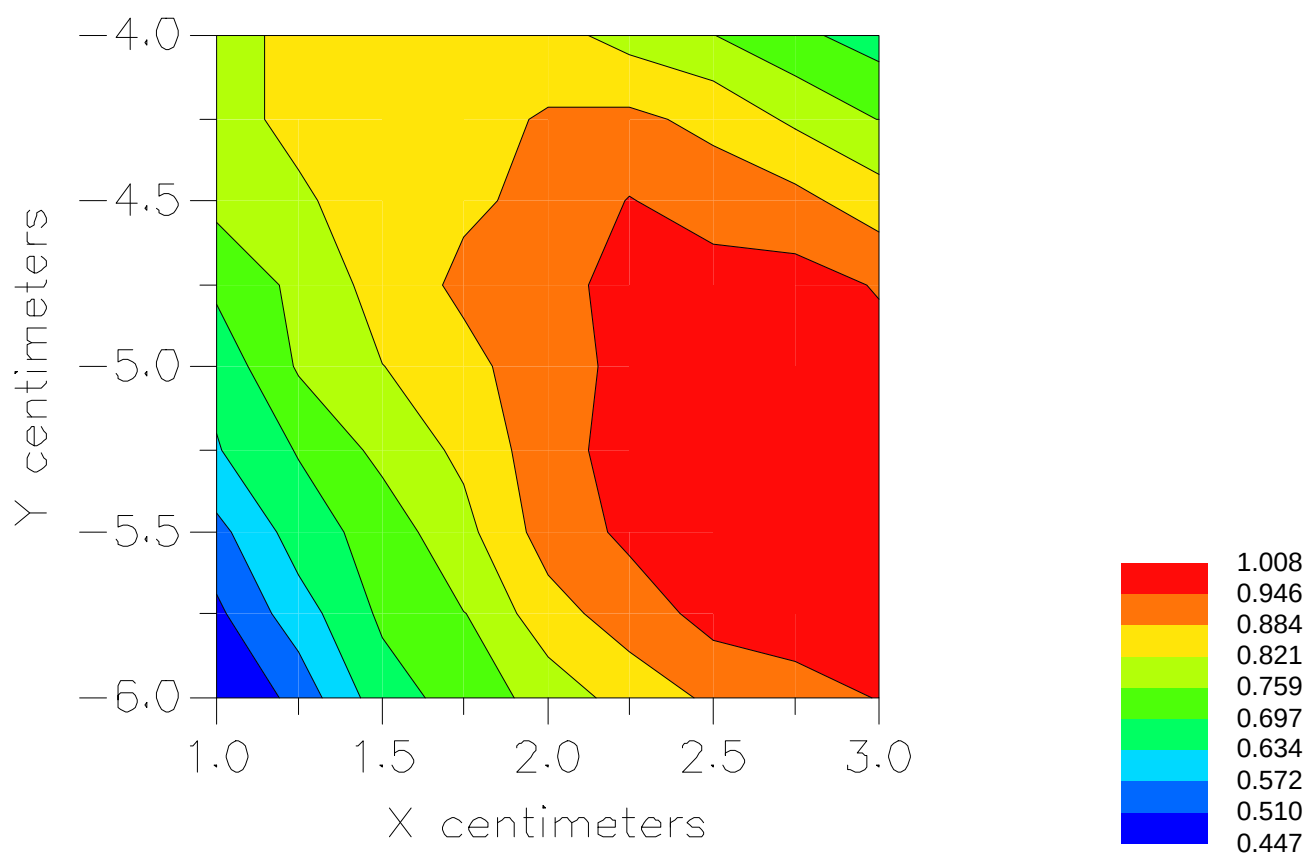


File : 01030817_ZOOM

Start : 8-Mar-101 02:21:59 pm End : 8-Mar-101 02:32:47 pm

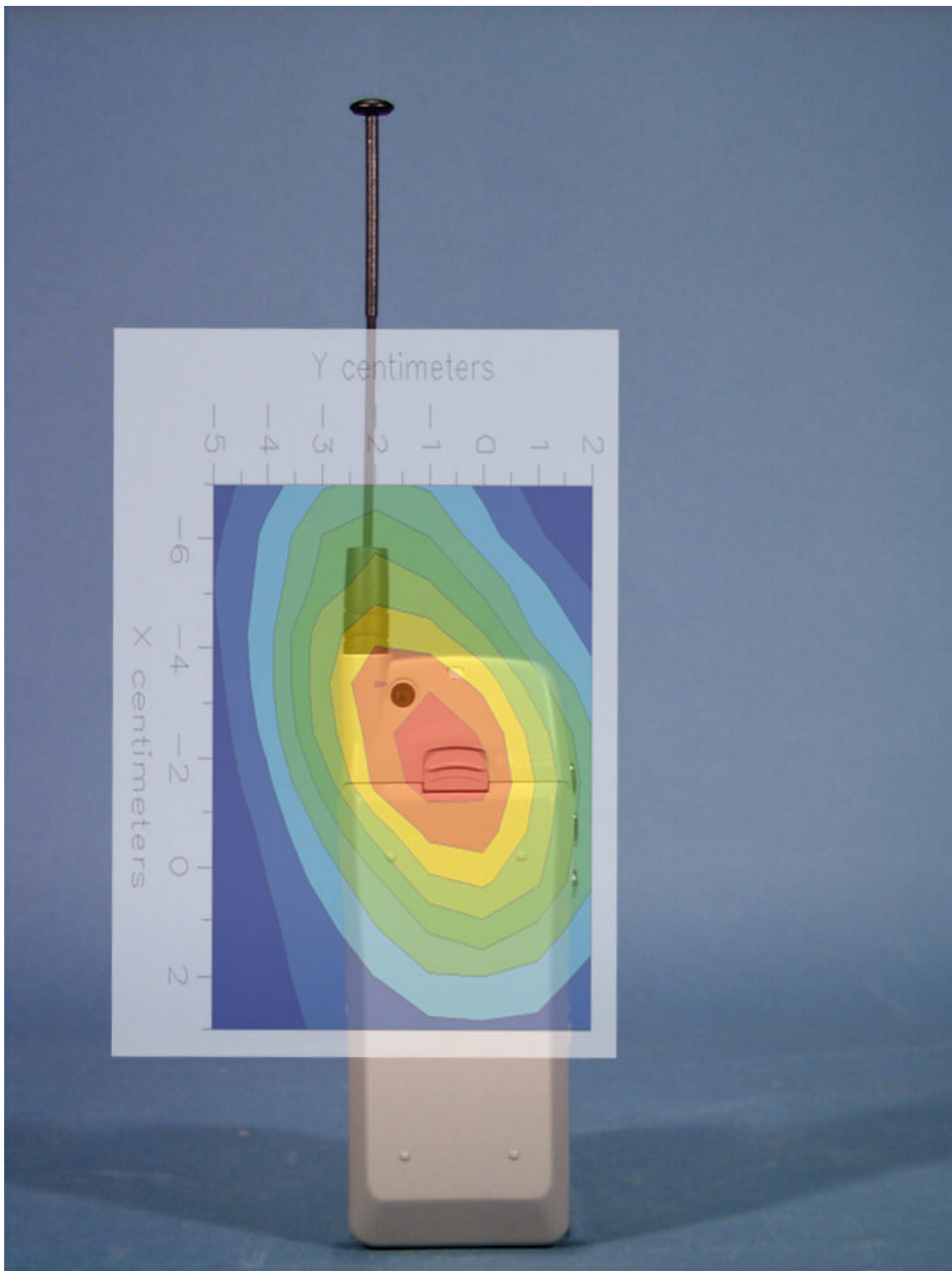
GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/Out;

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/01030831_ZOOM.VLT
Start : 8-Mar-101 05:18:01 pm End : 8-Mar-101 05:25:21 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr : 0.560 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
GIGA TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.5 dBm
GIGA TELECOM DUAL-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 = -1.000, Z = 0.000 (cm) Value = 6.397

Measured Values (volts) =
5.593E-003 4.522E-003 3.747E-003 3.070E-003 2.530E-003 2.322E-003
1.930E-003 1.910E-003 1.762E-003 1.531E-003 1.357E-003 1.248E-003
9.690E-004 6.395E-004 4.729E-004 2.574E-004 2.332E-004 2.595E-004
3.703E-004 5.066E-004 5.016E-004

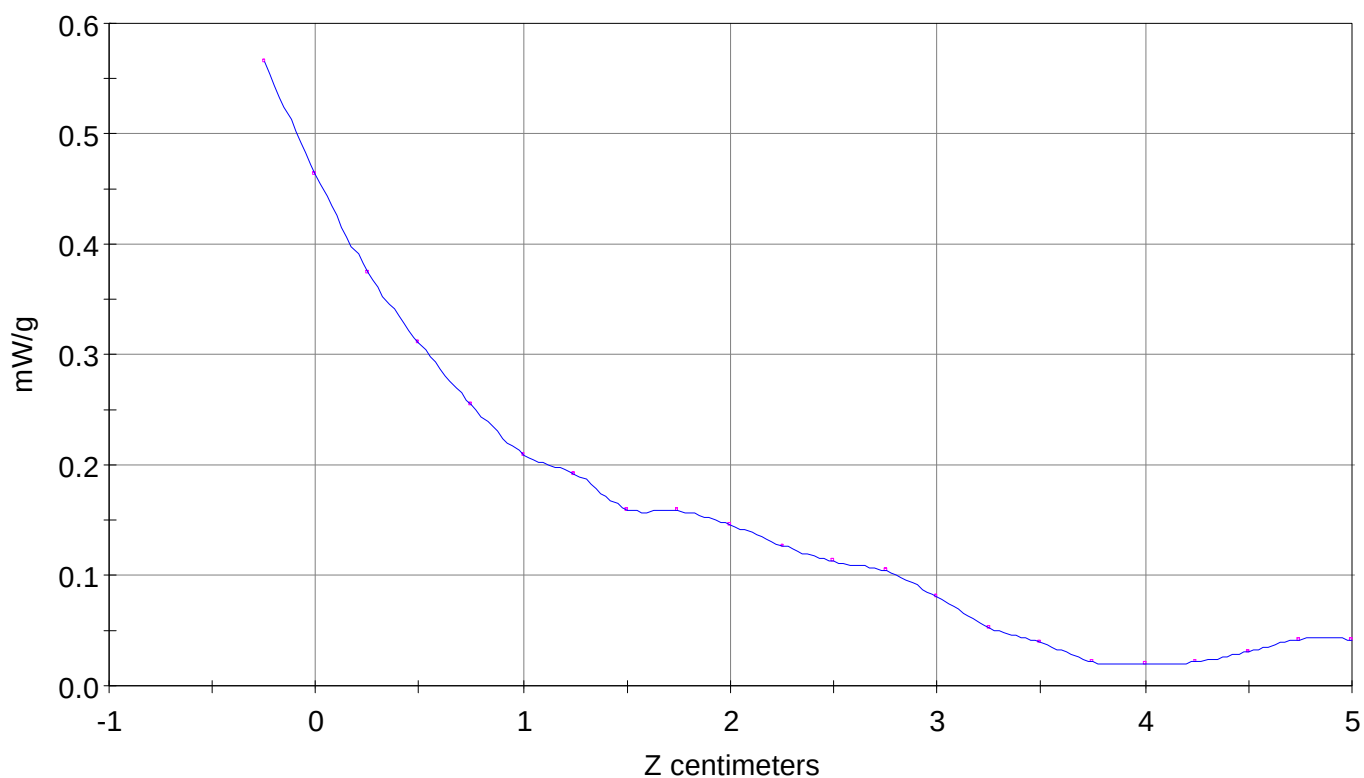
Calc. Voltage @ Surface (Vs) = 0.0068

Voltage @ 1.00 cm (Vt) = 0.0031

Ave. Voltage (Vs+Vt)/2 = 0.0050

Ave. SAR over 1 g (mW/g) = 0.4099

SAR Scan
File : 01030831_ZOOM
Start : 8-Mar-101 05:18:01 pm End : 8-Mar-101 05:25:21 pm
GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

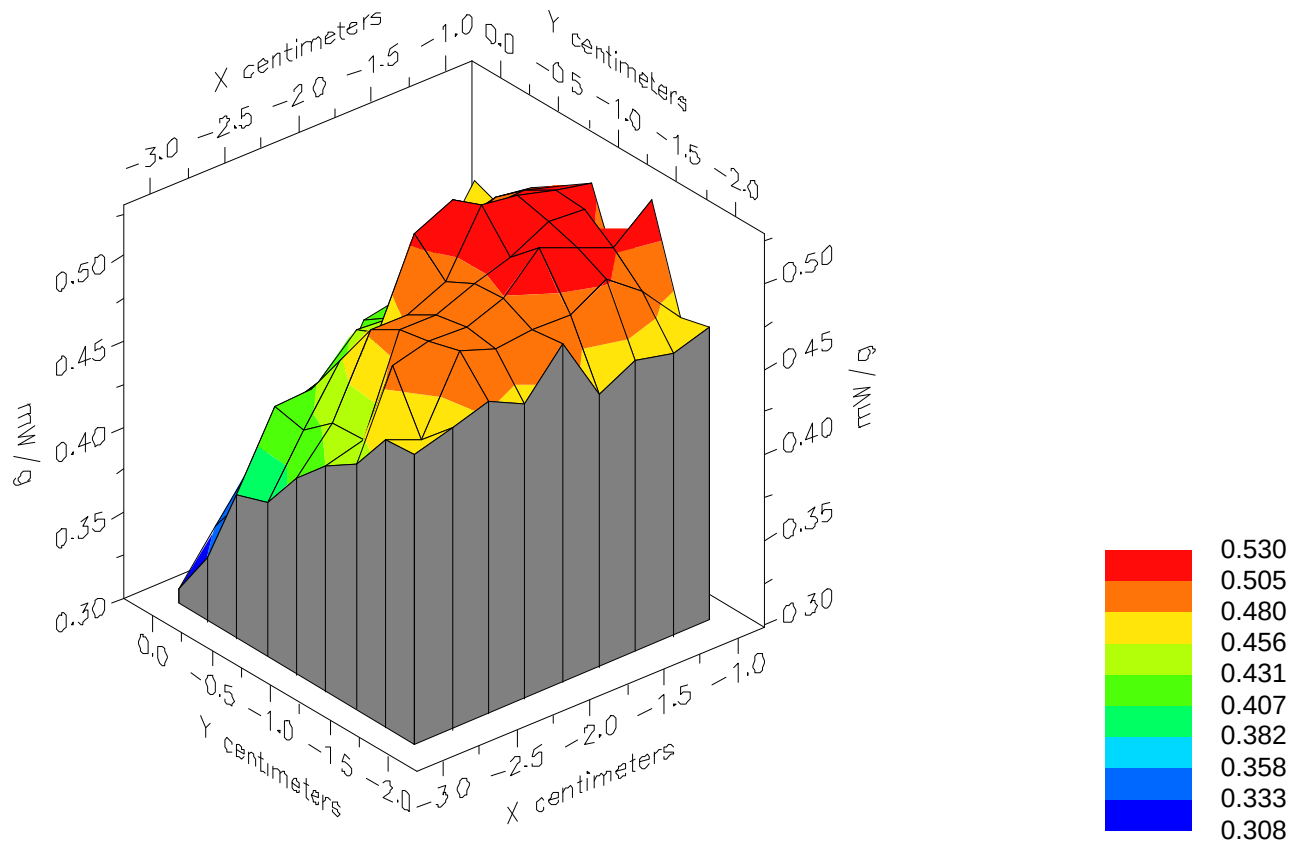


File : 01030831_ZOOM

Start : 8-Mar-101 05:18:01 pm End : 8-Mar-101 05:25:21 pm

GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/In;

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

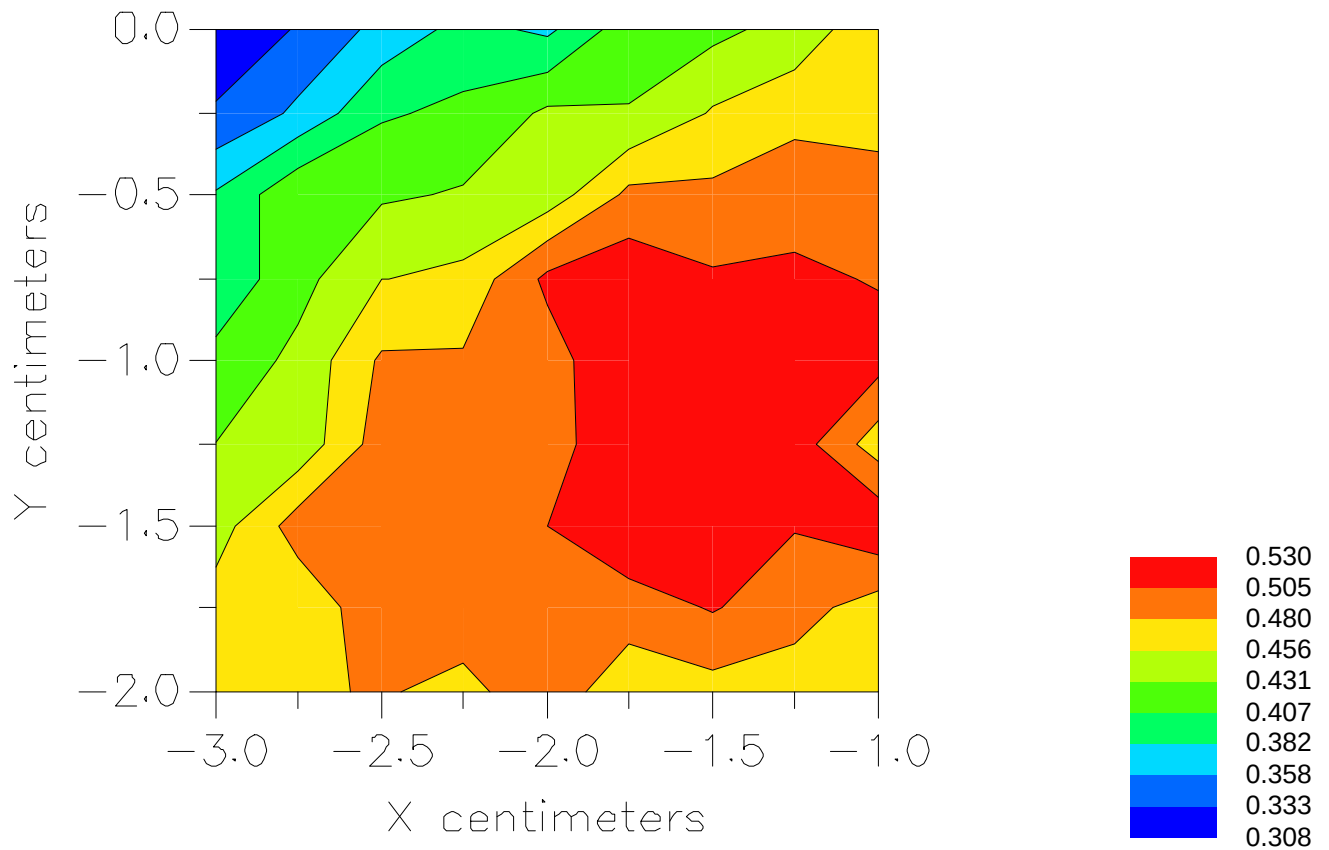


File : 01030831_ZOOM

Start : 8-Mar-101 05:18:01 pm End : 8-Mar-101 05:25:21 pm

GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030833_ZOOM.VLT
Start : 8-Mar-101 05:35:07 pm End : 8-Mar-101 05:46:07 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr: 0.560 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
GIGA TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.5 dBm
GIGA TELECOM DUAL-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 = -1.250, Y = -1.250, Z = 0.000 (cm) Value = 5.331

Measured Values (volts) =
5.250E-003 4.202E-003 3.446E-003 2.831E-003 2.354E-003 1.960E-003
1.684E-003 1.570E-003 1.464E-003 1.406E-003 1.331E-003 1.145E-003
9.617E-004 7.585E-004 4.851E-004 3.228E-004 2.092E-004 2.160E-004
2.607E-004 3.928E-004 4.738E-004

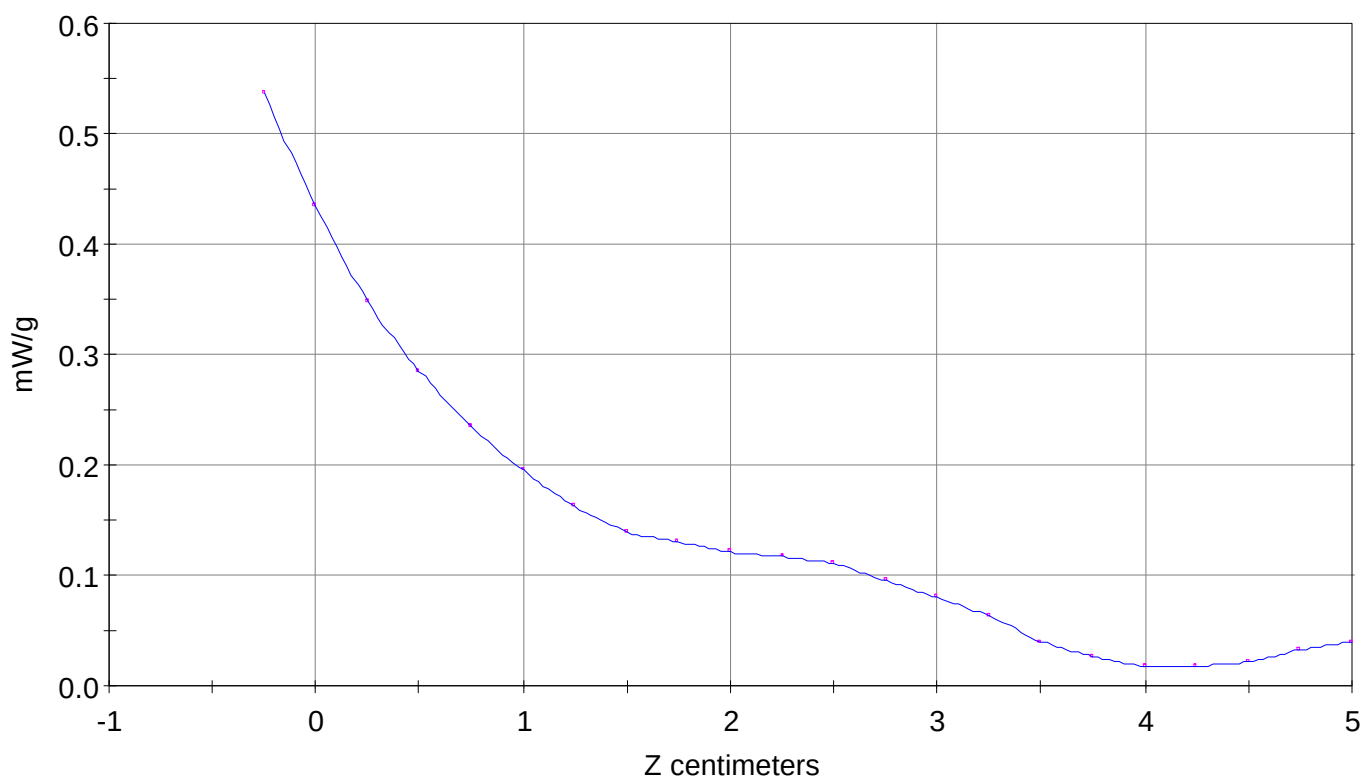
Calc. Voltage @ Surface (Vs) = 0.0065

Voltage @ 1.00 cm (Vt) = 0.0028

Ave. Voltage (Vs+Vt)/2 = 0.0047

Ave. SAR over 1 g (mW/g) = 0.3854

SAR Scan
File : 01030833_ZOOM
Start : 8-Mar-101 05:35:07 pm End : 8-Mar-101 05:46:07 pm
GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

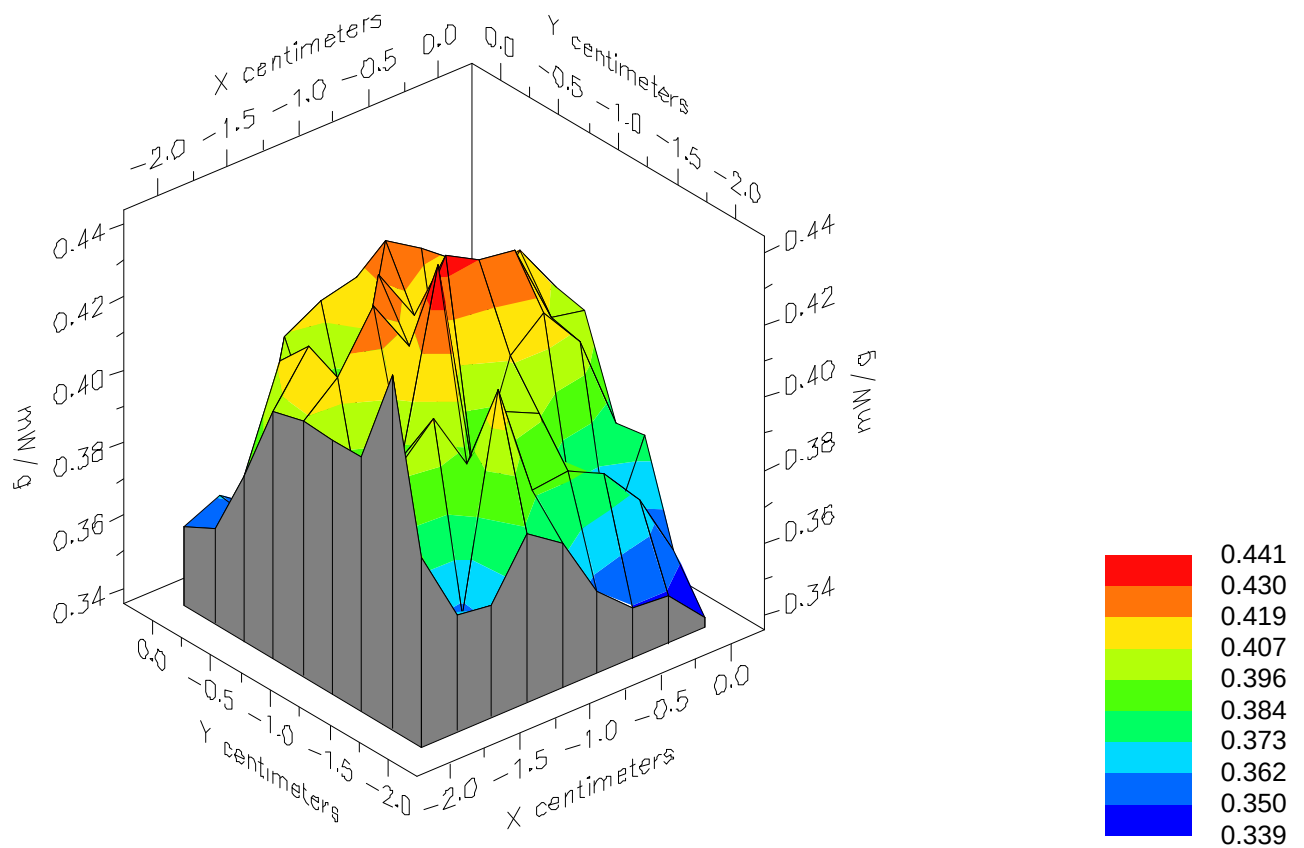


File : 01030833_ZOOM

Start : 8-Mar-101 05:35:07 pm End : 8-Mar-101 05:46:07 pm

GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/Out;

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

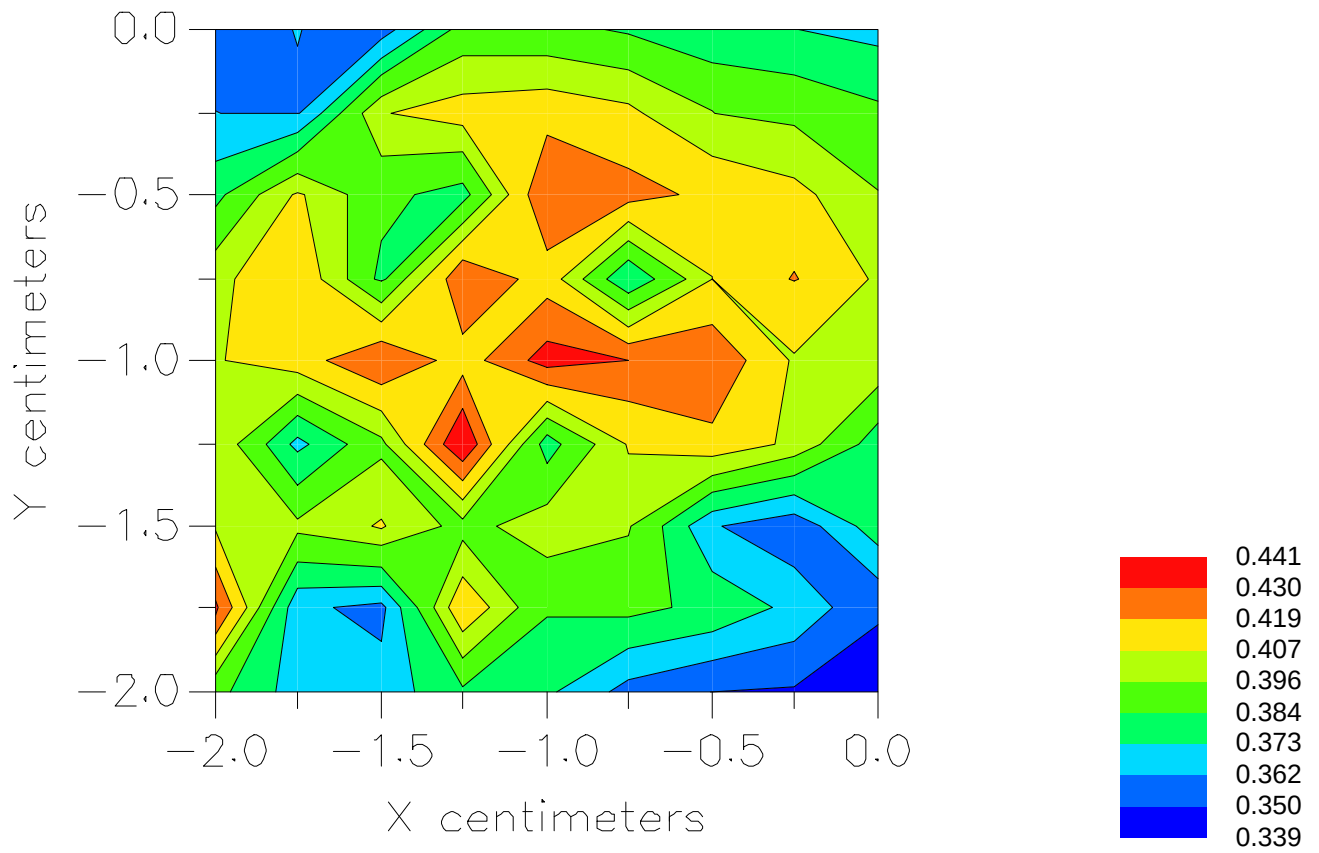


File : 01030833_ZOOM

Start : 8-Mar-101 05:35:07 pm End : 8-Mar-101 05:46:07 pm

GIGA TELECOM/GDM-100/1;824.04MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030824_ZOOM.VLT
Start : 8-Mar-101 03:44:20 pm End : 8-Mar-101 03:51:42 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr: 0.560 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
GIGA TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.5 dBm
GIGA TELECOM DUAL-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 = -1.500, Z = 0.000 (cm) Value = 9.814

Measured Values (volts) =
8.870E-003 7.168E-003 6.001E-003 4.884E-003 4.053E-003 3.404E-003
3.009E-003 2.754E-003 2.509E-003 2.326E-003 2.031E-003 1.773E-003
1.410E-003 9.663E-004 6.856E-004 4.762E-004 3.406E-004 4.027E-004
5.568E-004 7.246E-004 7.563E-004

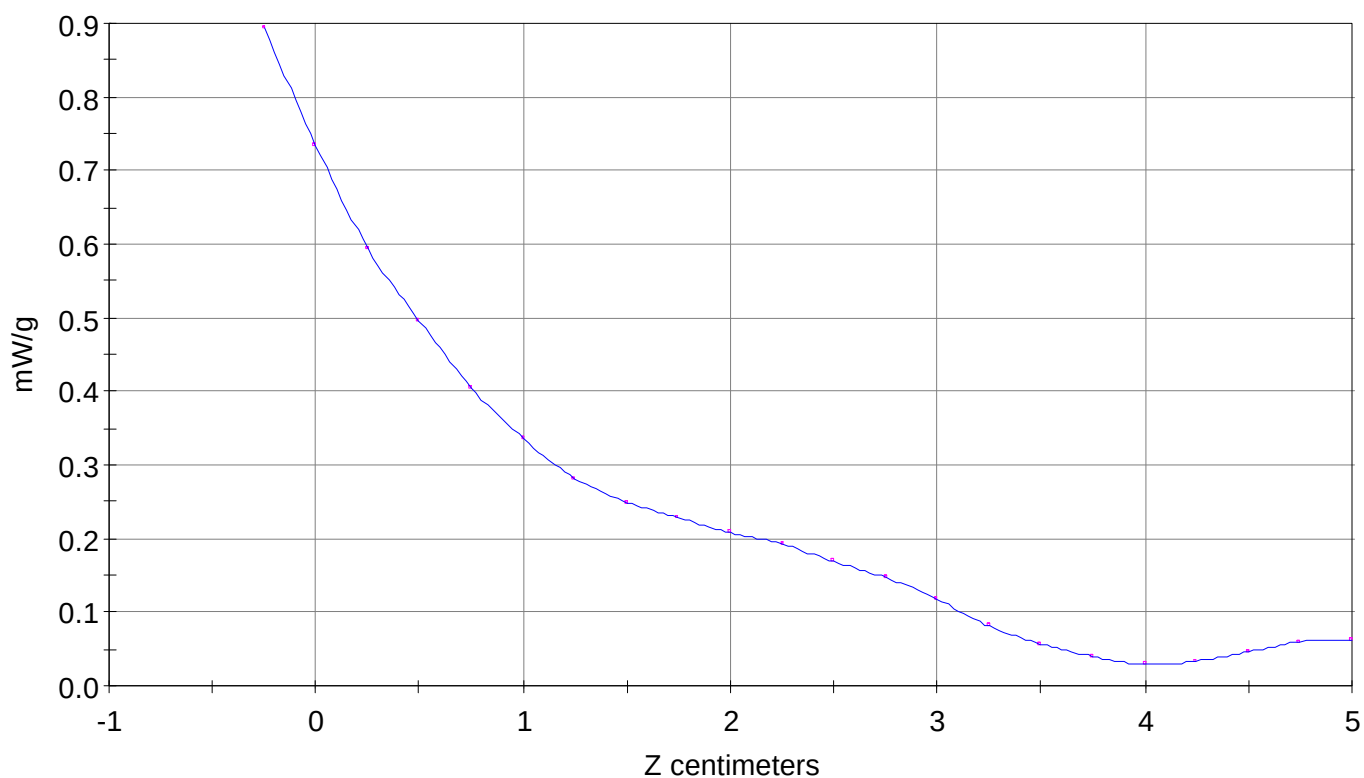
Calc. Voltage @ Surface (Vs) = 0.0108

Voltage @ 1.00 cm (Vt) = 0.0049

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

Ave. SAR over 1 g (mW/g) = 0.6486

SAR Scan
File : 01030824_ZOOM
Start : 8-Mar-101 03:44:20 pm End : 8-Mar-101 03:51:42 pm
GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

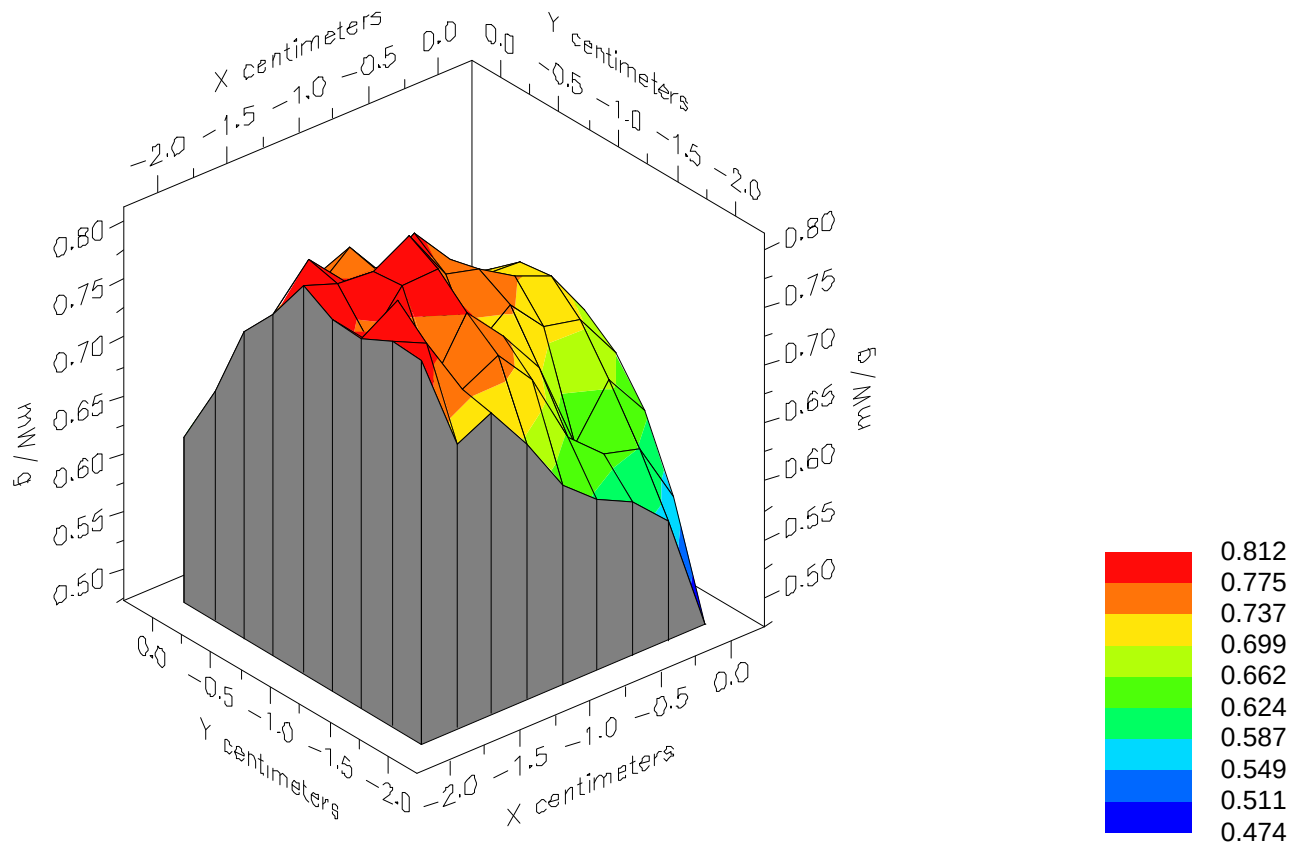


File : 01030824_ZOOM

Start : 8-Mar-101 03:44:20 pm End : 8-Mar-101 03:51:42 pm

GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/In;

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

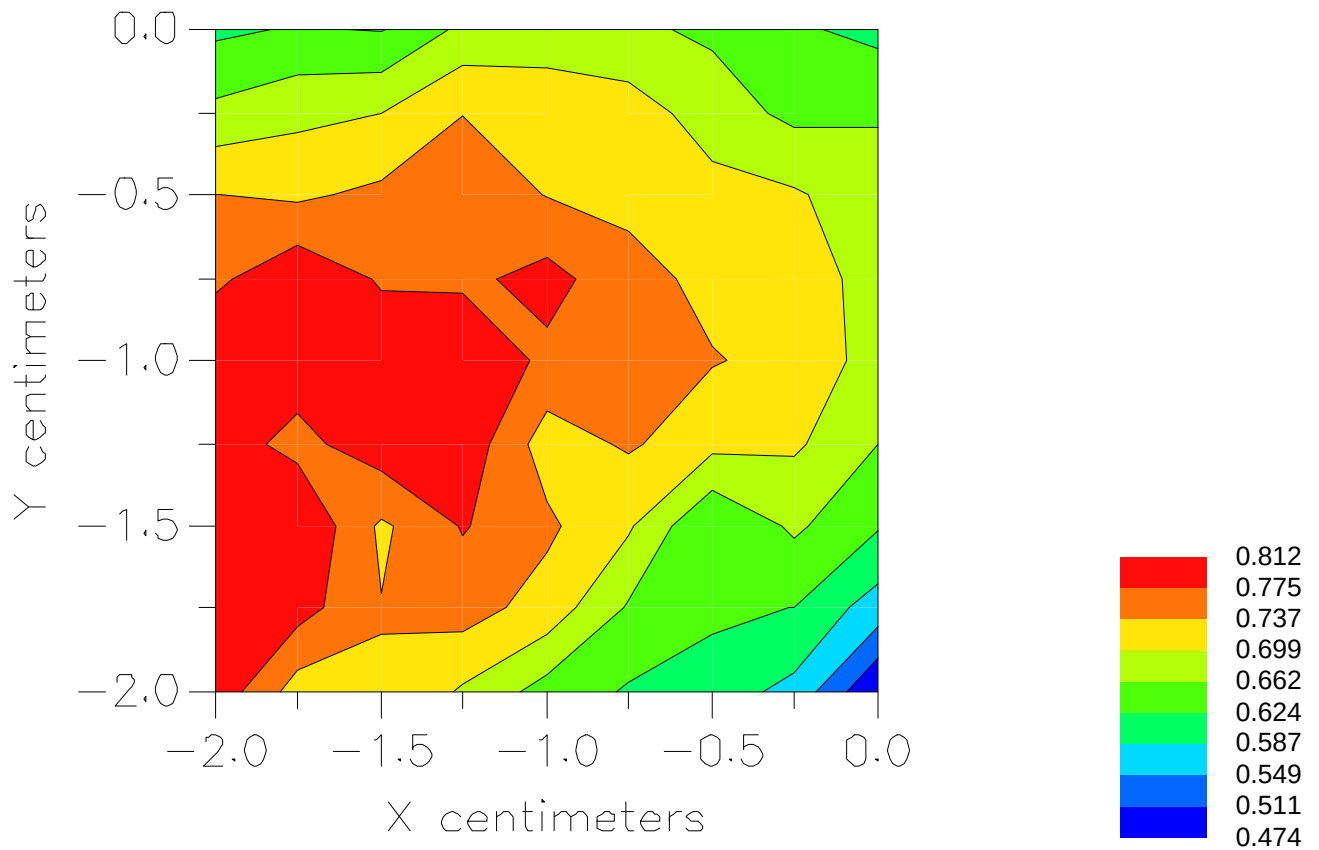


File : 01030824_ZOOM

Start : 8-Mar-101 03:44:20 pm End : 8-Mar-101 03:51:42 pm

GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030826_ZOOM.VLT
Start : 8-Mar-101 04:12:52 pm End : 8-Mar-101 04:23:12 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr: 0.560 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
GIGA TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.5 dBm
GIGA TELECOM DUAL-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 = -2.500, Y = -1.500, Z = 0.000 (cm) Value = 8.884

Measured Values (volts) =
8.735E-003 6.665E-003 5.541E-003 4.434E-003 3.640E-003 3.219E-003
2.900E-003 2.706E-003 2.507E-003 2.225E-003 1.987E-003 1.570E-003
1.137E-003 7.782E-004 5.357E-004 4.172E-004 4.391E-004 5.145E-004
6.902E-004 7.937E-004 6.712E-004

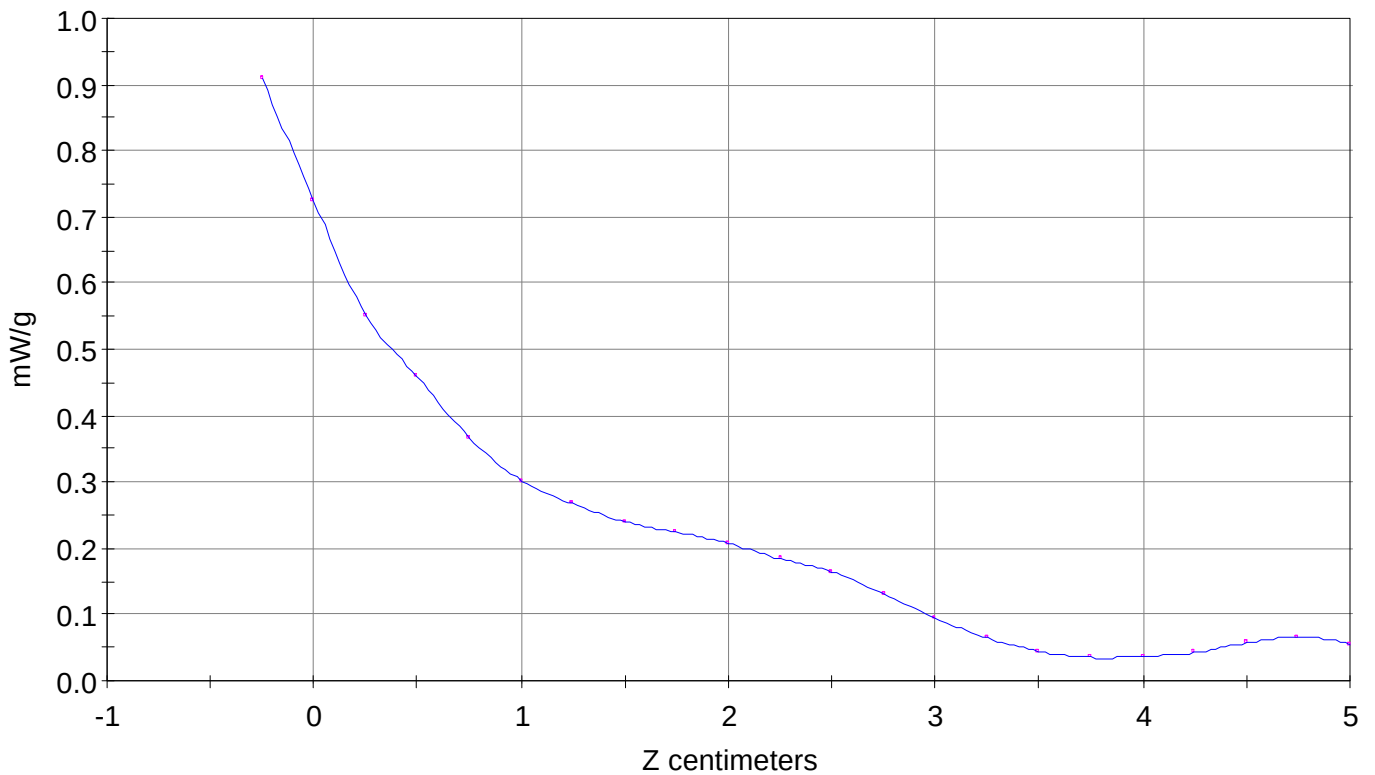
Calc. Voltage @ Surface (Vs) = 0.0110

Voltage @ 1.00 cm (Vt) = 0.0044

Ave. Voltage (Vs+Vt)/2 = 0.0077

Ave. SAR over 1 g (mW/g) = 0.6379

SAR Scan
File : 01030826_ZOOM
Start : 8-Mar-101 04:12:52 pm End : 8-Mar-101 04:23:12 pm
GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

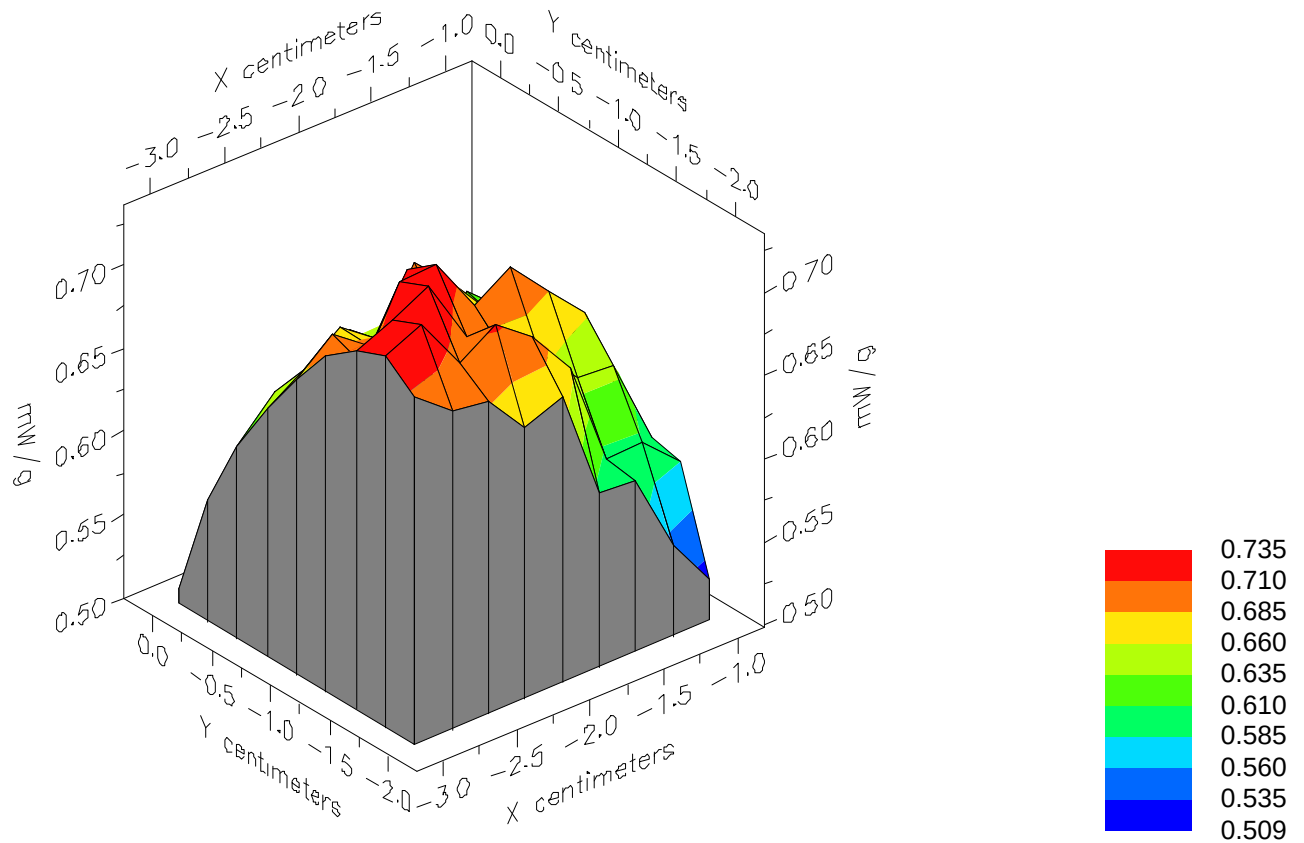


File : 01030826_ZOOM

Start : 8-Mar-101 04:12:52 pm End : 8-Mar-101 04:23:12 pm

GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/Out;

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

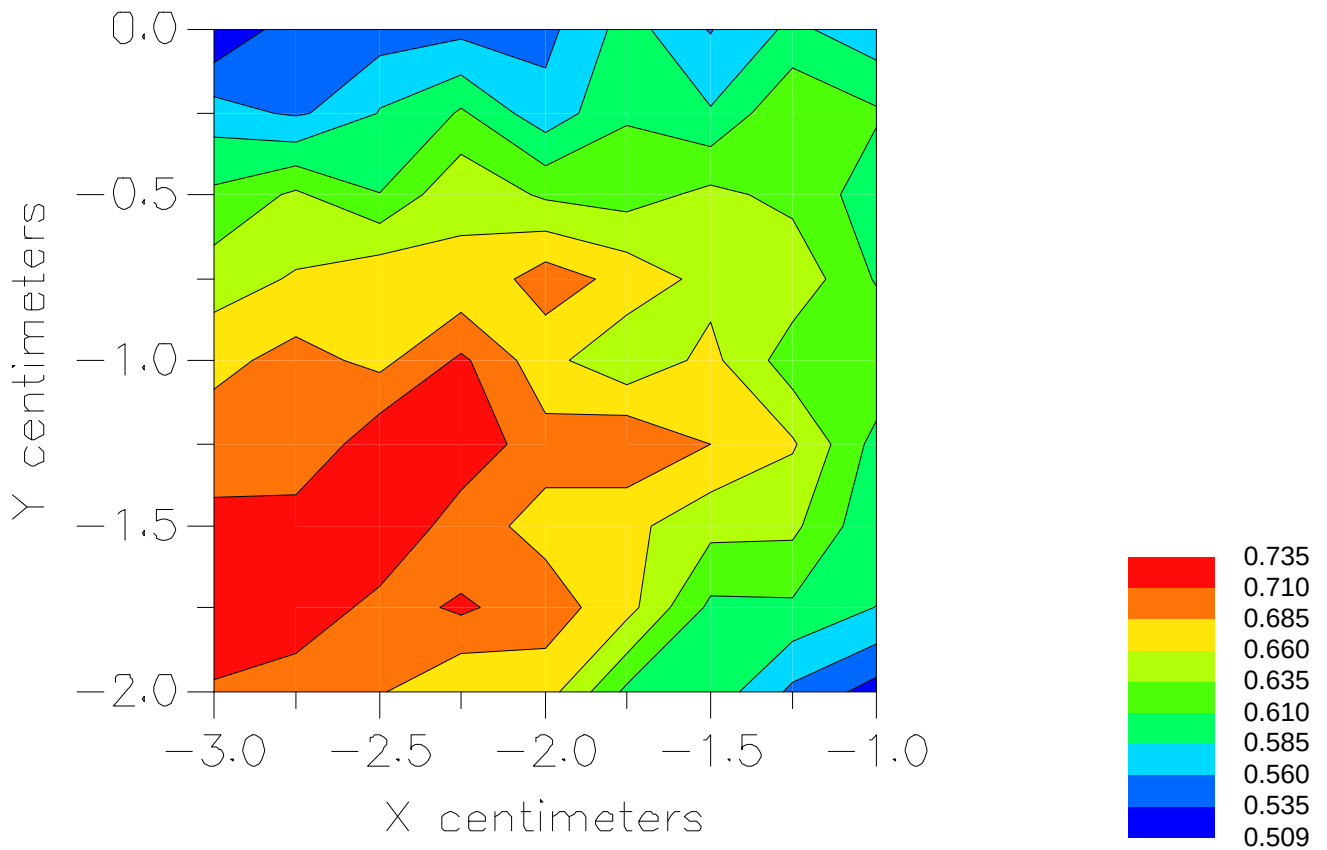


File : 01030826_ZOOM

Start : 8-Mar-101 04:12:52 pm End : 8-Mar-101 04:23:12 pm

GIGA TELECOM/GDM-100/1;836.49MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030830_ZOOM.VLT
Start : 8-Mar-101 04:58:23 pm End : 8-Mar-101 05:09:06 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr: 0.560 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
GIGA TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.5 dBm
GIGA TELECOM DUAL-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 = -1.250, Z = 0.000 (cm) Value = 7.656

Measured Values (volts) =
7.192E-003 5.681E-003 4.669E-003 3.813E-003 3.246E-003 2.727E-003
2.373E-003 2.208E-003 2.017E-003 1.849E-003 1.652E-003 1.370E-003
1.070E-003 7.540E-004 4.954E-004 3.235E-004 2.802E-004 3.326E-004
4.757E-004 5.586E-004 5.388E-004

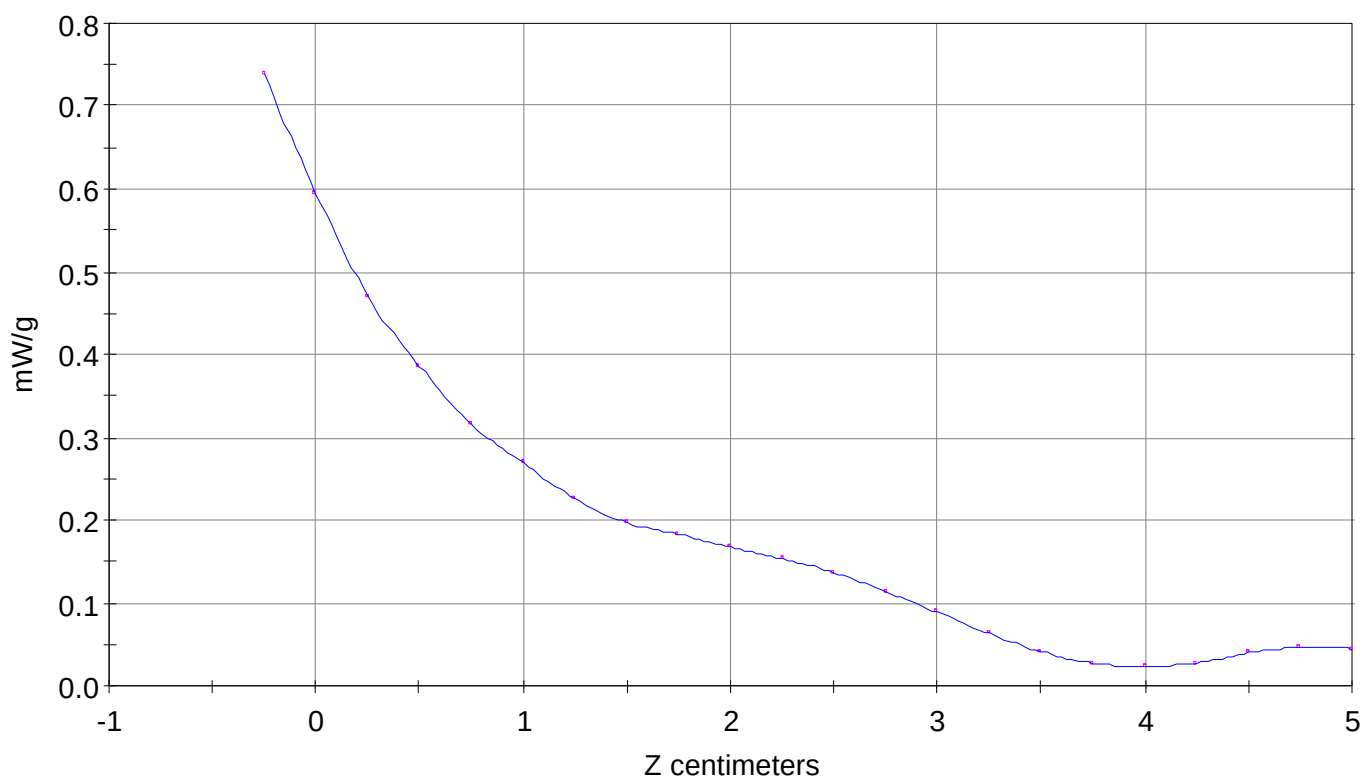
Calc. Voltage @ Surface (Vs) = 0.0089

Voltage @ 1.00 cm (Vt) = 0.0038

Ave. Voltage (Vs+Vt)/2 = 0.0064

Ave. SAR over 1 g (mW/g) = 0.5273

SAR Scan
File : 01030830_ZOOM
Start : 8-Mar-101 04:58:23 pm End : 8-Mar-101 05:09:06 pm
GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

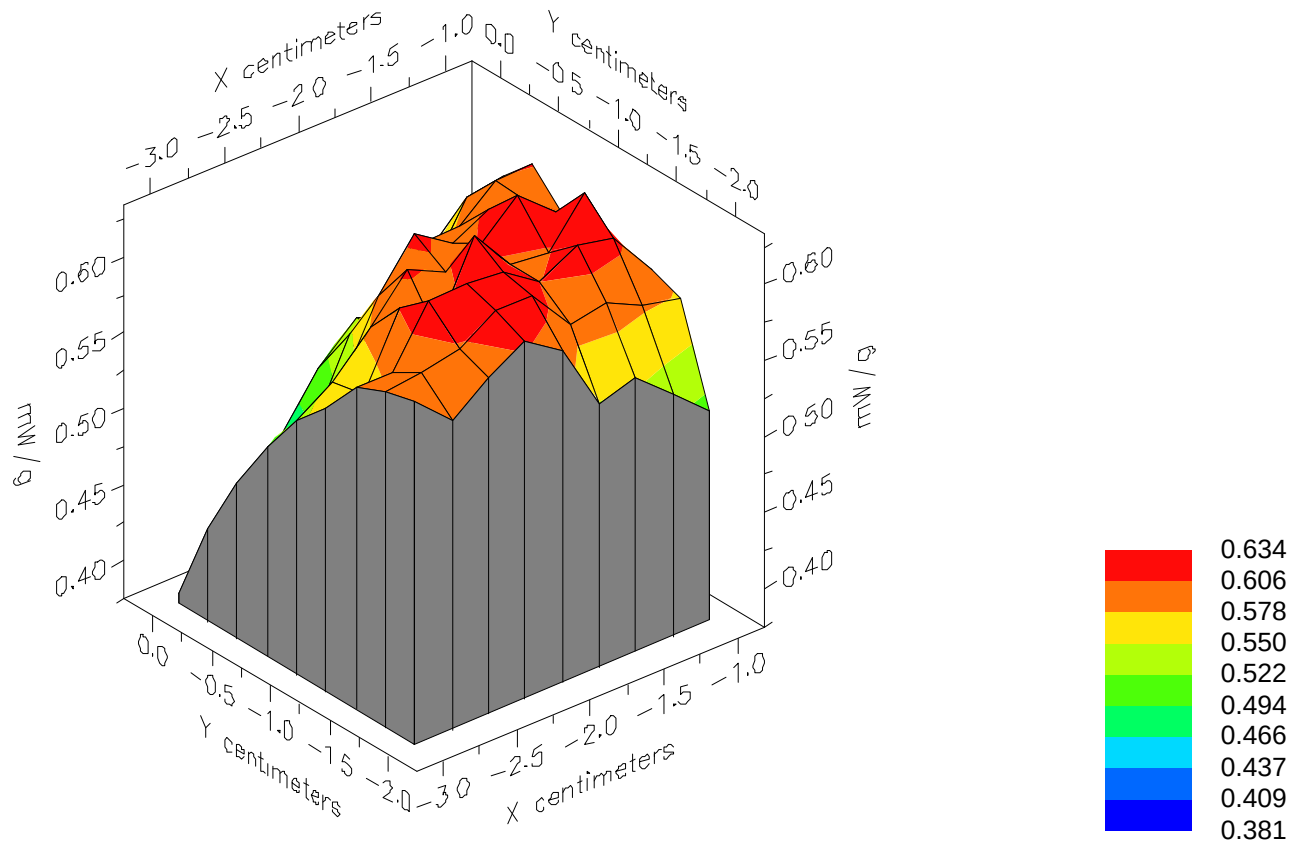


File : 01030830_ZOOM

Start : 8-Mar-101 04:58:23 pm End : 8-Mar-101 05:09:06 pm

GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/In;

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

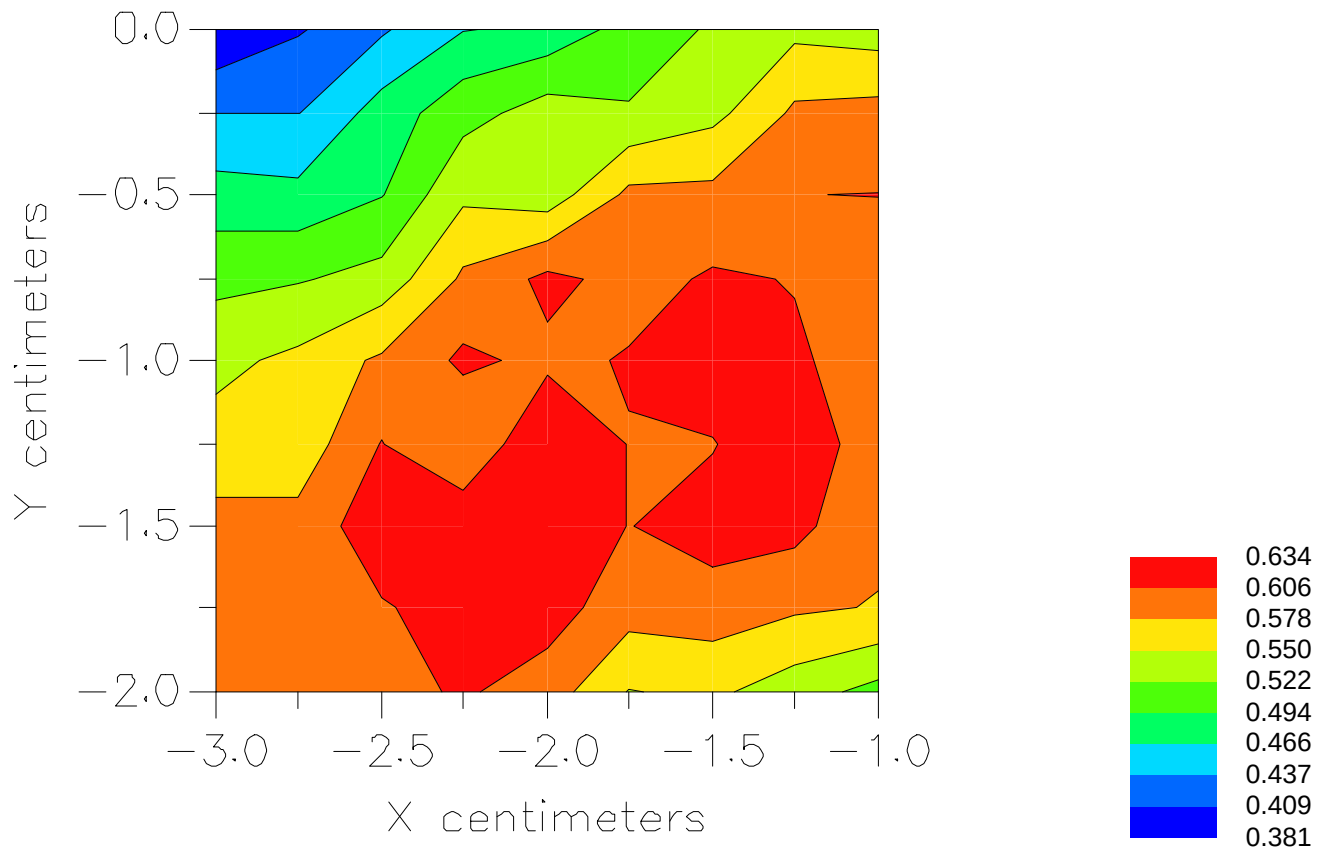


File : 01030830_ZOOM

Start : 8-Mar-101 04:58:23 pm End : 8-Mar-101 05:09:06 pm

GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030827_ZOOM.VLT
Start : 8-Mar-101 04:25:56 pm End : 8-Mar-101 04:36:18 pm

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.560 W
Start Trans. Pwr : 0.560 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
GIGA TELECOM DUAL-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.5 dBm
GIGA TELECOM DUAL-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 = -2.500, Y = -1.500, Z = 0.000 (cm) Value = 9.799

Measured Values (volts) =
9.476E-003 7.269E-003 5.846E-003 4.701E-003 3.969E-003 3.466E-003
3.147E-003 2.860E-003 2.723E-003 2.471E-003 2.169E-003 1.737E-003
1.223E-003 8.562E-004 5.805E-004 4.009E-004 4.963E-004 6.375E-004
7.798E-004 8.659E-004 7.407E-004

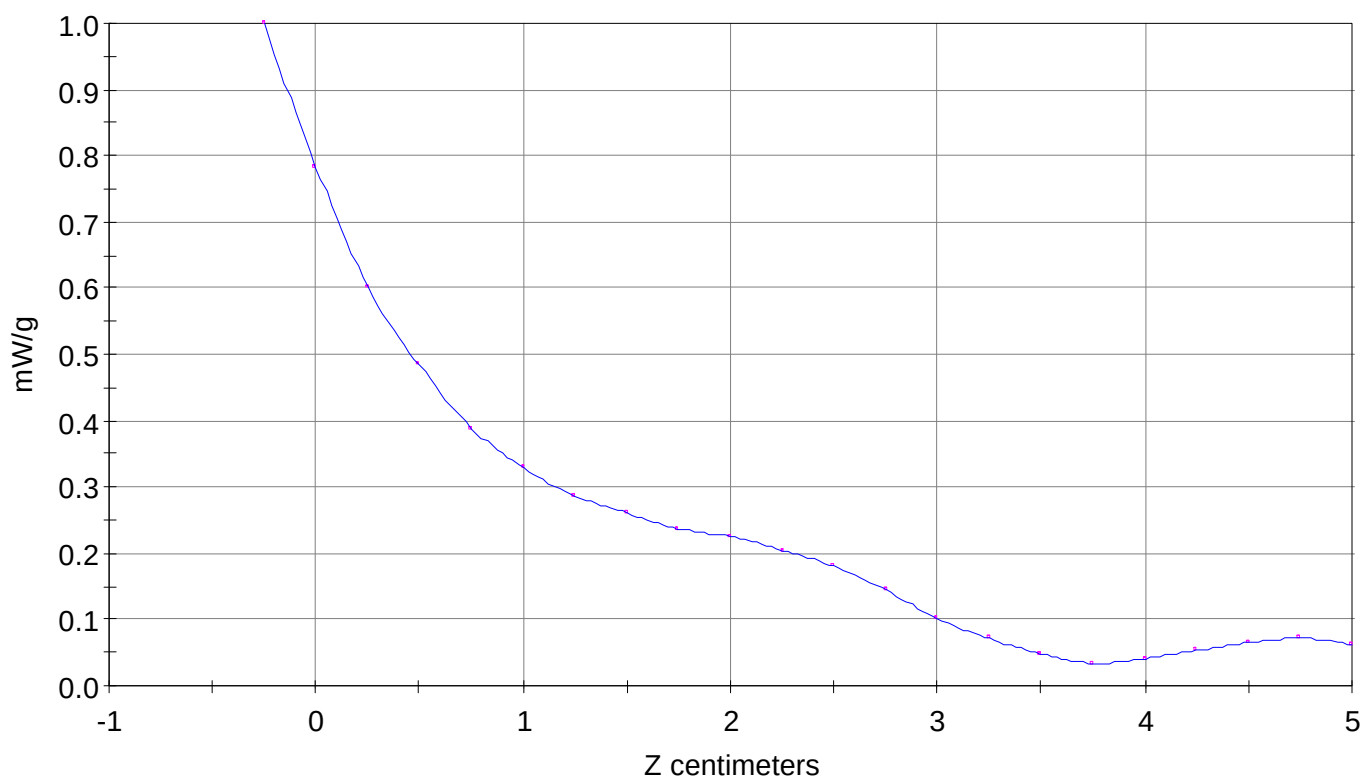
Calc. Voltage @ Surface (Vs) = 0.0121

Voltage @ 1.00 cm (Vt) = 0.0047

Ave. Voltage (Vs+Vt)/2 = 0.0084

Ave. SAR over 1 g (mW/g) = 0.6940

SAR Scan
File : 01030827_ZOOM
Start : 8-Mar-101 04:25:56 pm End : 8-Mar-101 04:36:18 pm
GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

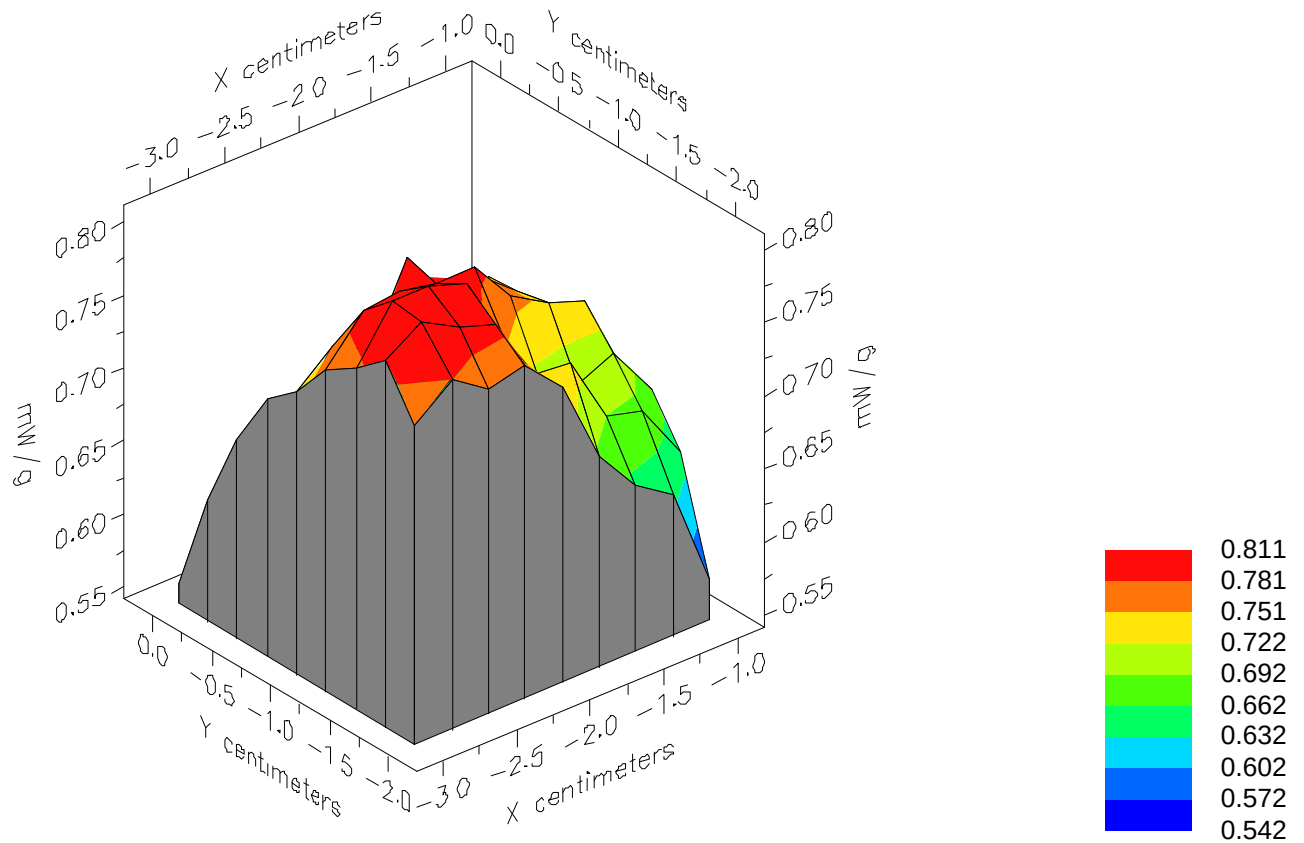


File : 01030827_ZOOM

Start : 8-Mar-101 04:25:56 pm End : 8-Mar-101 04:36:18 pm

GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/Out;

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

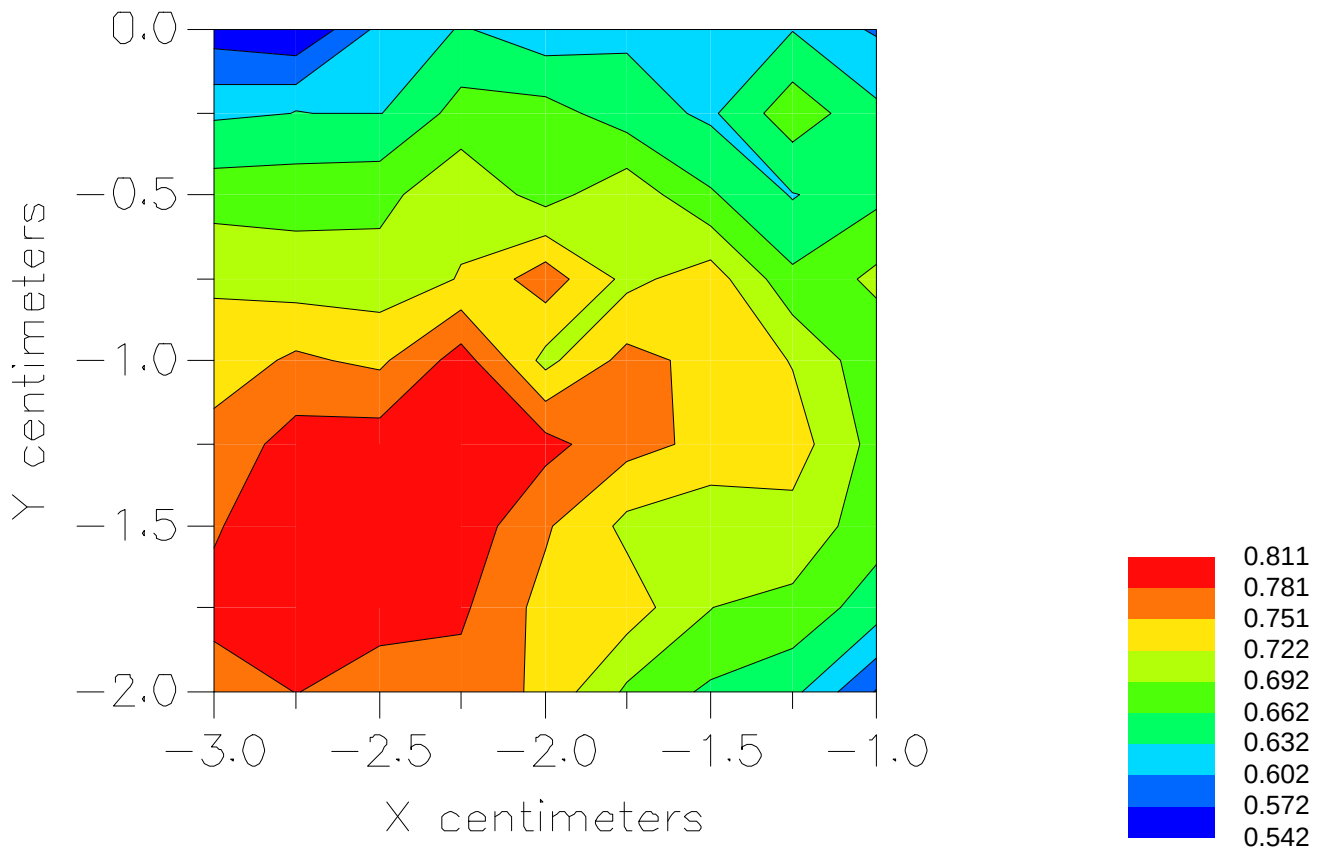


File : 01030827_ZOOM

Start : 8-Mar-101 04:25:56 pm End : 8-Mar-101 04:36:18 pm

GIGA TELECOM/GDM-100/1;848.97MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030901_ZOOM.VLT
Start : 9-Mar-101 09:24:25 am End : 9-Mar-101 09:35:02 am

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
GIGA TELECOM DUAL-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 26.0 dBm
GIGA TELECOM DUAL-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 = -2.500, Y = -1.750, Z = 0.000 (cm) Value = 8.642

Measured Values (volts) =
7.646E-003 5.820E-003 4.893E-003 3.818E-003 3.387E-003 2.779E-003
2.530E-003 2.269E-003 2.044E-003 1.839E-003 1.454E-003 1.069E-003
7.652E-004 5.139E-004 3.836E-004 3.666E-004 4.264E-004 5.644E-004
6.099E-004 5.780E-004 3.830E-004

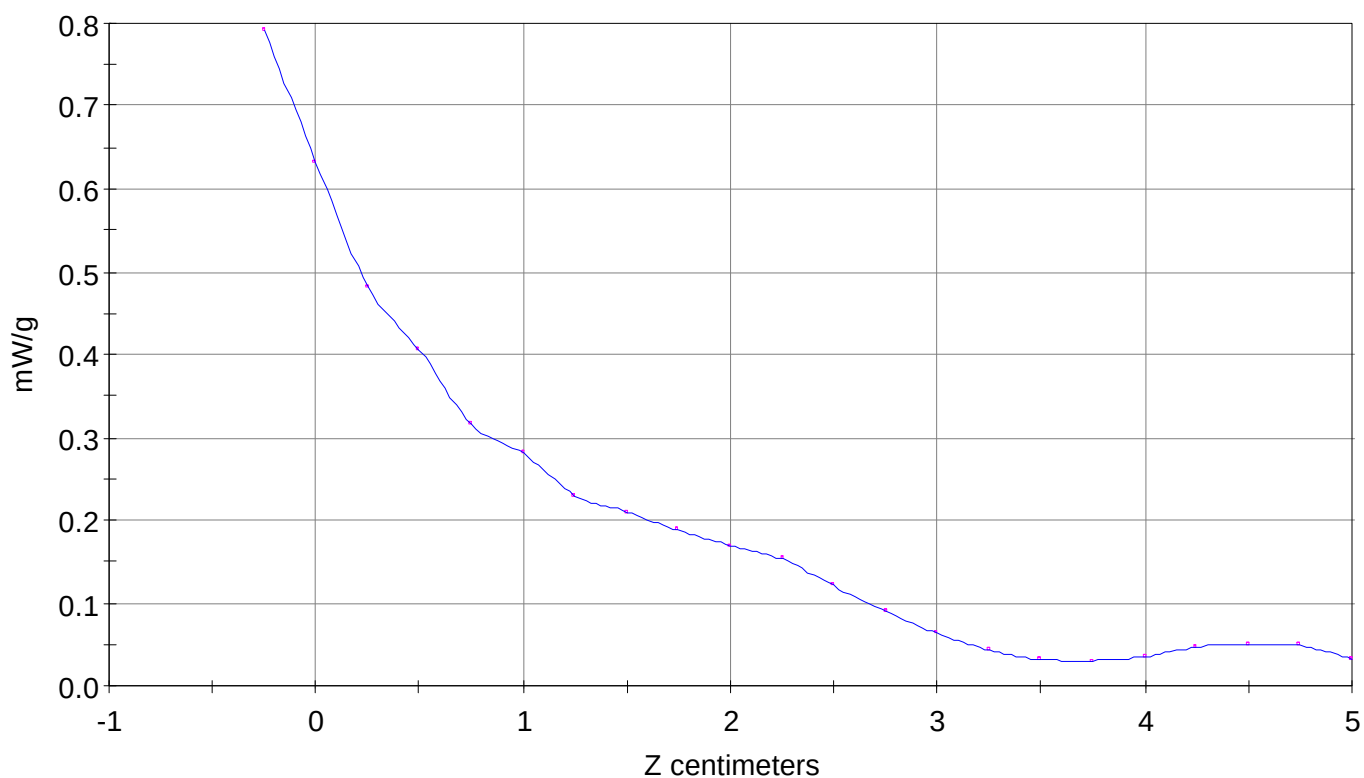
Calc. Voltage @ Surface (Vs) = 0.0096

Voltage @ 1.00 cm (Vt) = 0.0038

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

Ave. SAR over 1 g (mW/g) = 0.5541

SAR Scan
File : 01030901_ZOOM
Start : 9-Mar-101 09:24:25 am End : 9-Mar-101 09:35:02 am
GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

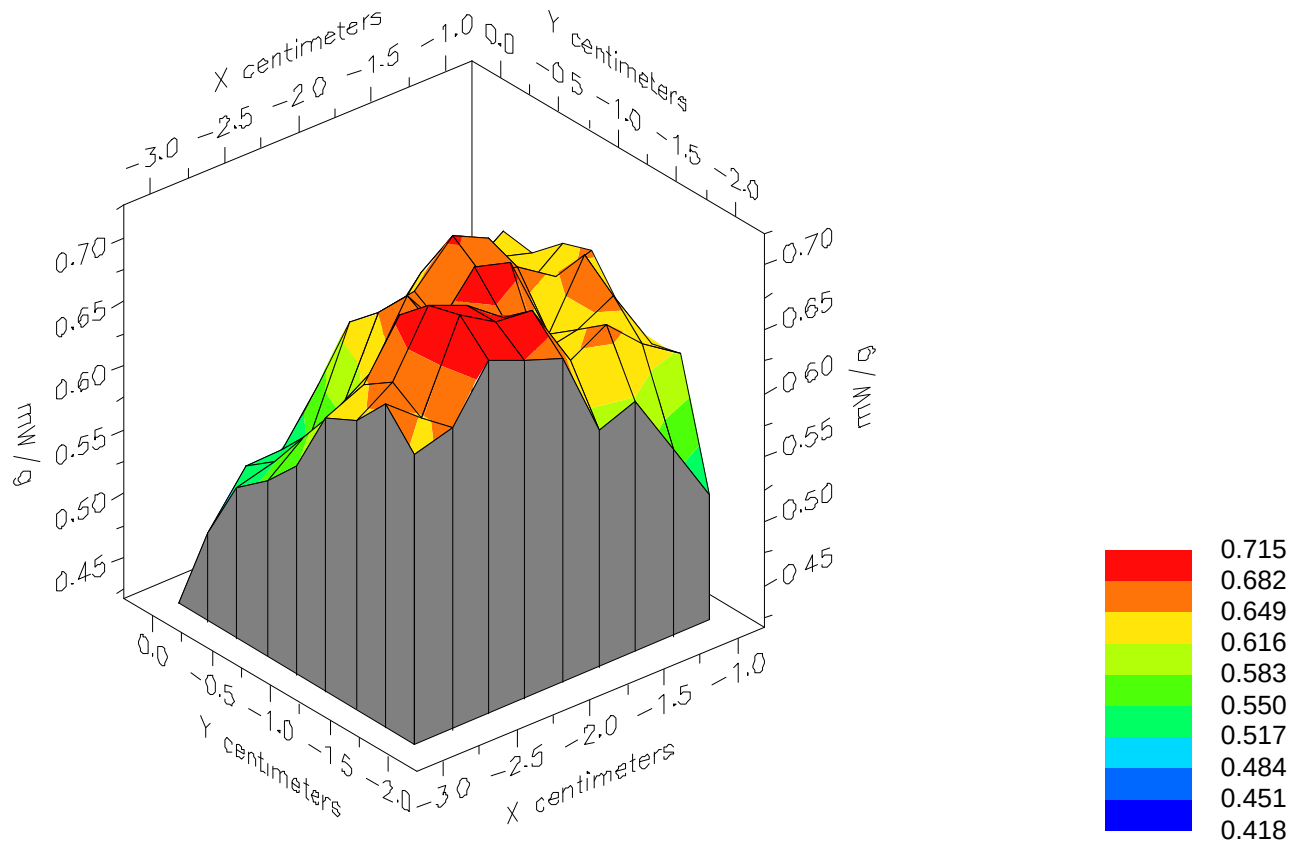


File : 01030901_ZOOM

Start : 9-Mar-101 09:24:25 am End : 9-Mar-101 09:35:02 am

GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/In;

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

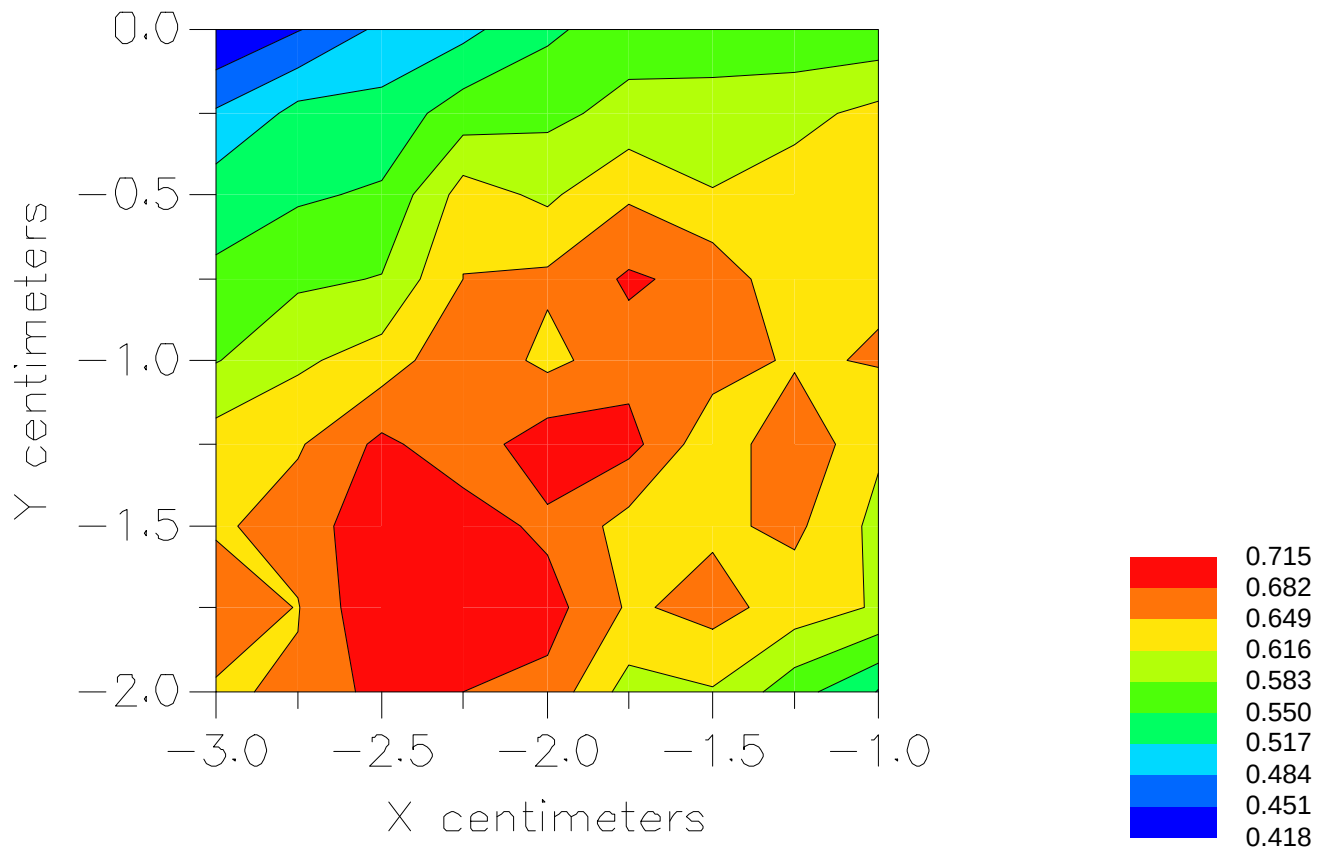


File : 01030901_ZOOM

Start : 9-Mar-101 09:24:25 am End : 9-Mar-101 09:35:02 am

GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030904_ZOOM.VLT
Start : 9-Mar-101 09:46:47 am End : 9-Mar-101 09:57:49 am

Radio Type : GIGA TELECOM
Model Number : GDM-100
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
GIGA TELECOM DUAL-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 26.0 dBm
GIGA TELECOM DUAL-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 = -1.000, Z = 0.000 (cm) Value = 6.162

Measured Values (volts) =
6.032E-003 4.615E-003 3.818E-003 3.182E-003 2.565E-003 2.140E-003
1.890E-003 1.754E-003 1.619E-003 1.538E-003 1.392E-003 1.234E-003
9.798E-004 6.958E-004 4.585E-004 3.174E-004 2.486E-004 2.668E-004
3.279E-004 4.489E-004 5.100E-004

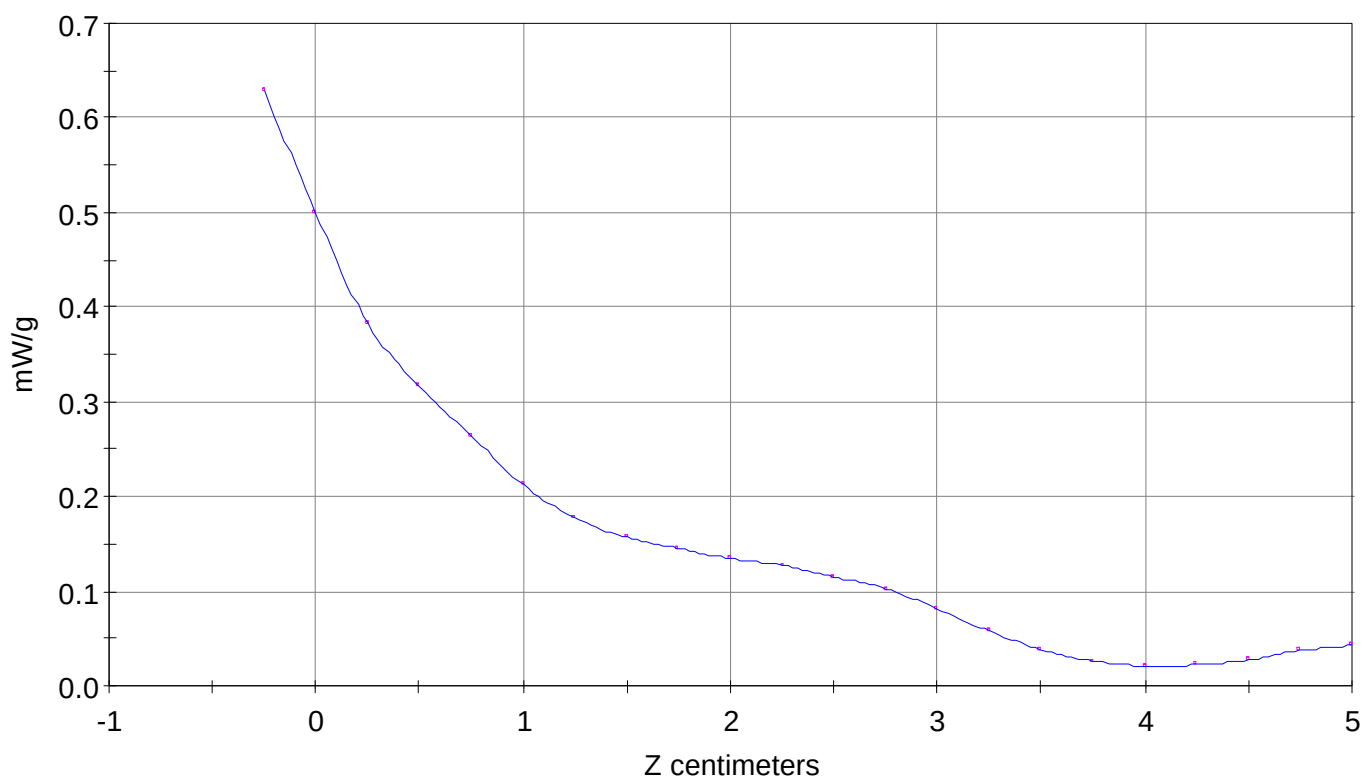
Calc. Voltage @ Surface (Vs) = 0.0076

Voltage @ 1.00 cm (Vt) = 0.0032

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

Ave. SAR over 1 g (mW/g) = 0.4457

SAR Scan
File : 01030904_ZOOM
Start : 9-Mar-101 09:46:47 am End : 9-Mar-101 09:57:49 am
GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

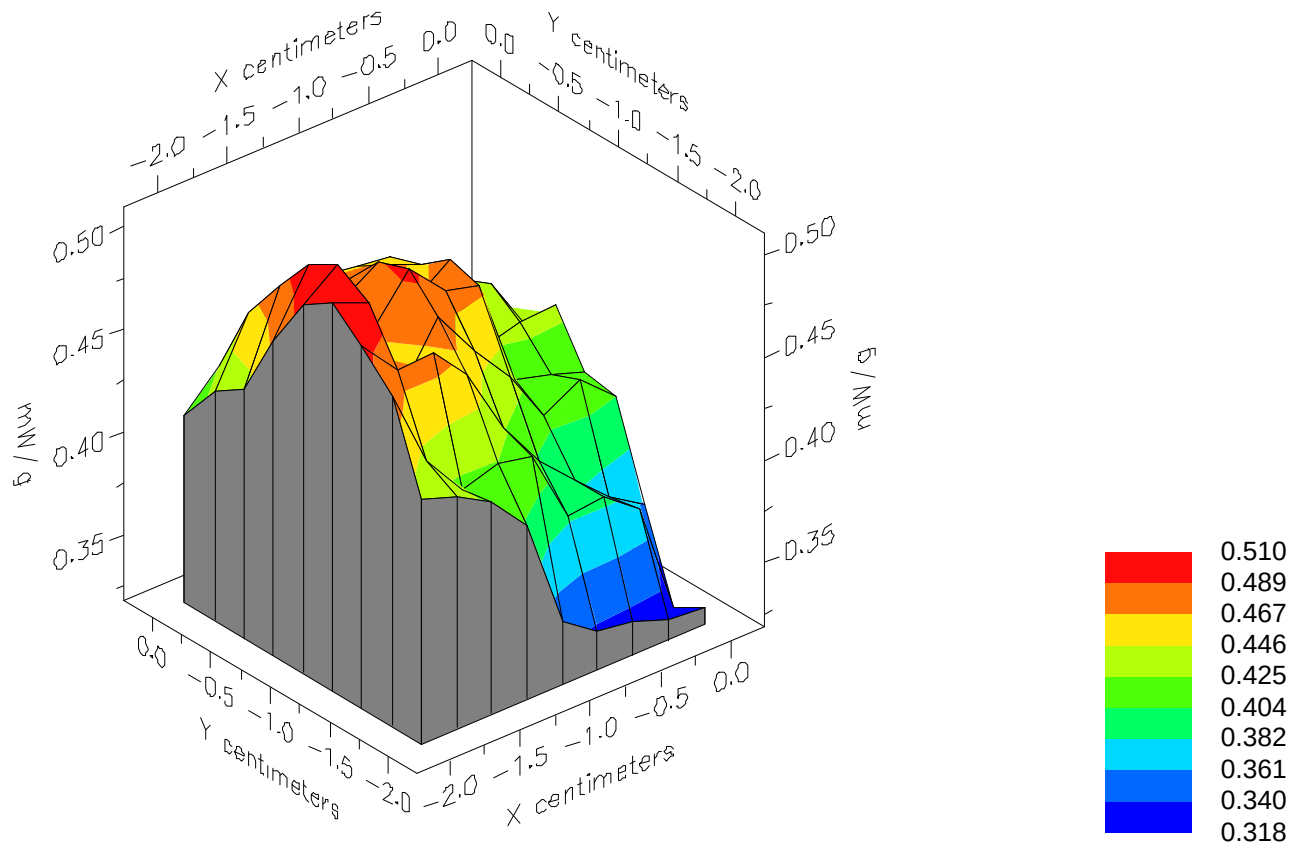


File : 01030904_ZOOM

Start : 9-Mar-101 09:46:47 am End : 9-Mar-101 09:57:49 am

GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/Out;

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



File : 01030904_ZOOM

Start : 9-Mar-101 09:46:47 am End : 9-Mar-101 09:57:49 am

GIGA TELECOM/GDM-100/1;835.89MHz;W;Helical/Out;

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

