

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00041314_ZOOM.VLT
Start : 13-Apr-100 02:30:55 pm End : 13-Apr-100 02:42:25 pm

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG FM MODE body SAR flip w/belt-clip
CHAN 991 SAR 26.0 dBm CONDUCTED
FCC ID A3LSCHA105

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -2.500, Z = 0.000 (cm) Value = 5.911

Measured Values (volts) =
5.601E-003 4.860E-003 3.958E-003 3.382E-003 2.693E-003 2.756E-003
2.221E-003 2.452E-003 2.435E-003 2.405E-003 2.318E-003 2.193E-003
1.594E-003 1.037E-003 7.545E-004 5.016E-004 4.634E-004 6.333E-004
1.052E-003 1.072E-003 1.191E-003

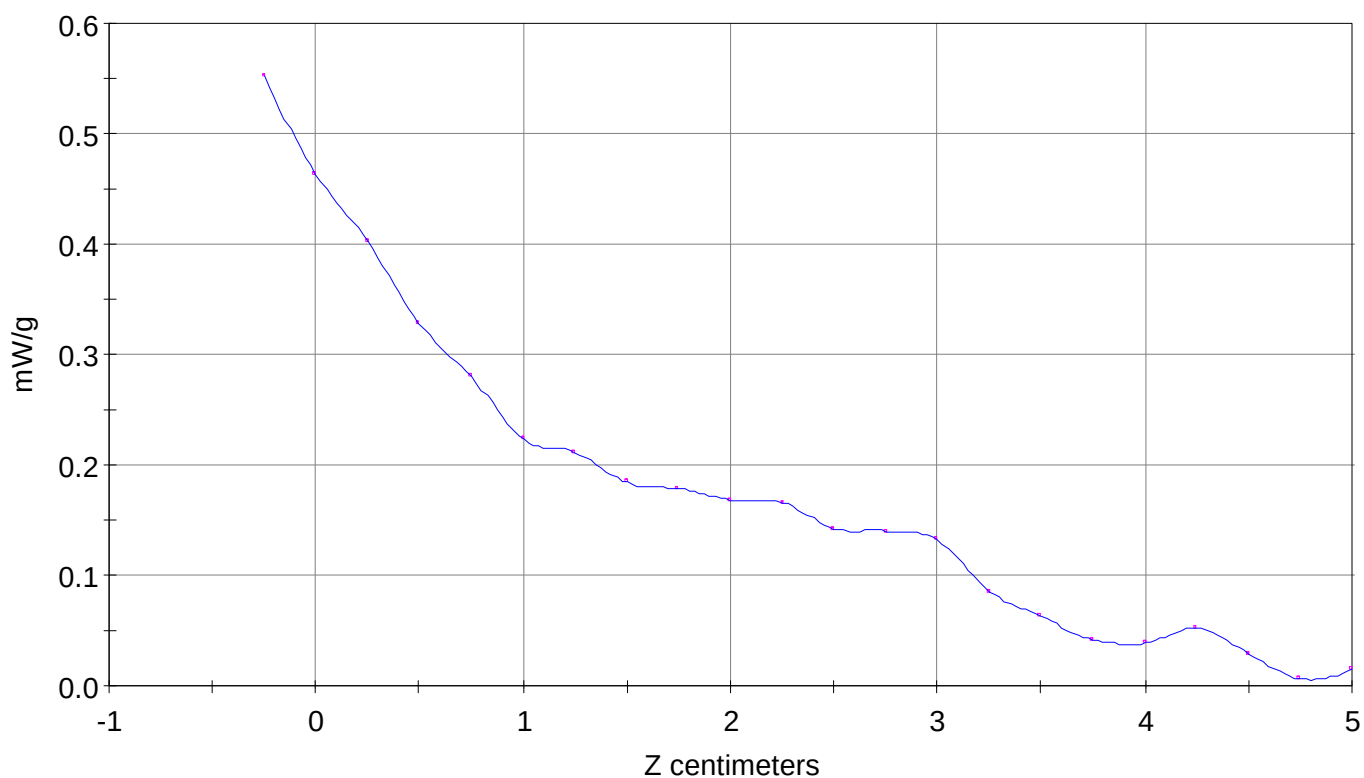
Calc. Voltage @ Surface (Vs) = 0.0067

Voltage @ 1.00 cm (Vt) = 0.0034

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

Ave. SAR over 1 g (mW/g) = 0.4159

SAR Scan
File : 00041314_ZOOM
Start : 13-Apr-100 02:30:55 pm End : 13-Apr-100 02:42:25 pm
A3LSCHA105/SCH-A105/#02;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

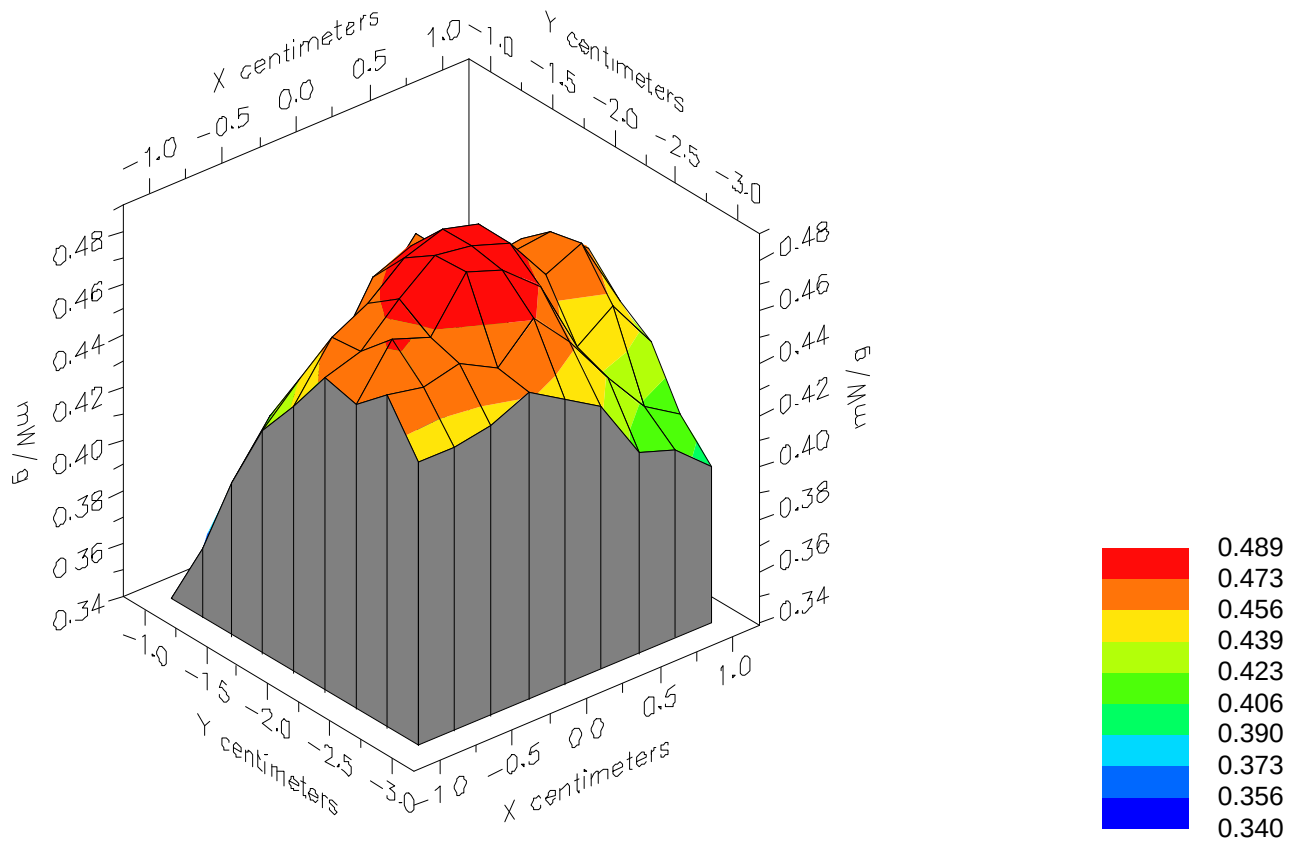


File : 00041314_ZOOM

Start : 13-Apr-100 02:30:55 pm End : 13-Apr-100 02:42:25 pm

A3LSCHA105/SCH-A105/#02;824.04MHz;W;Helical/In;

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

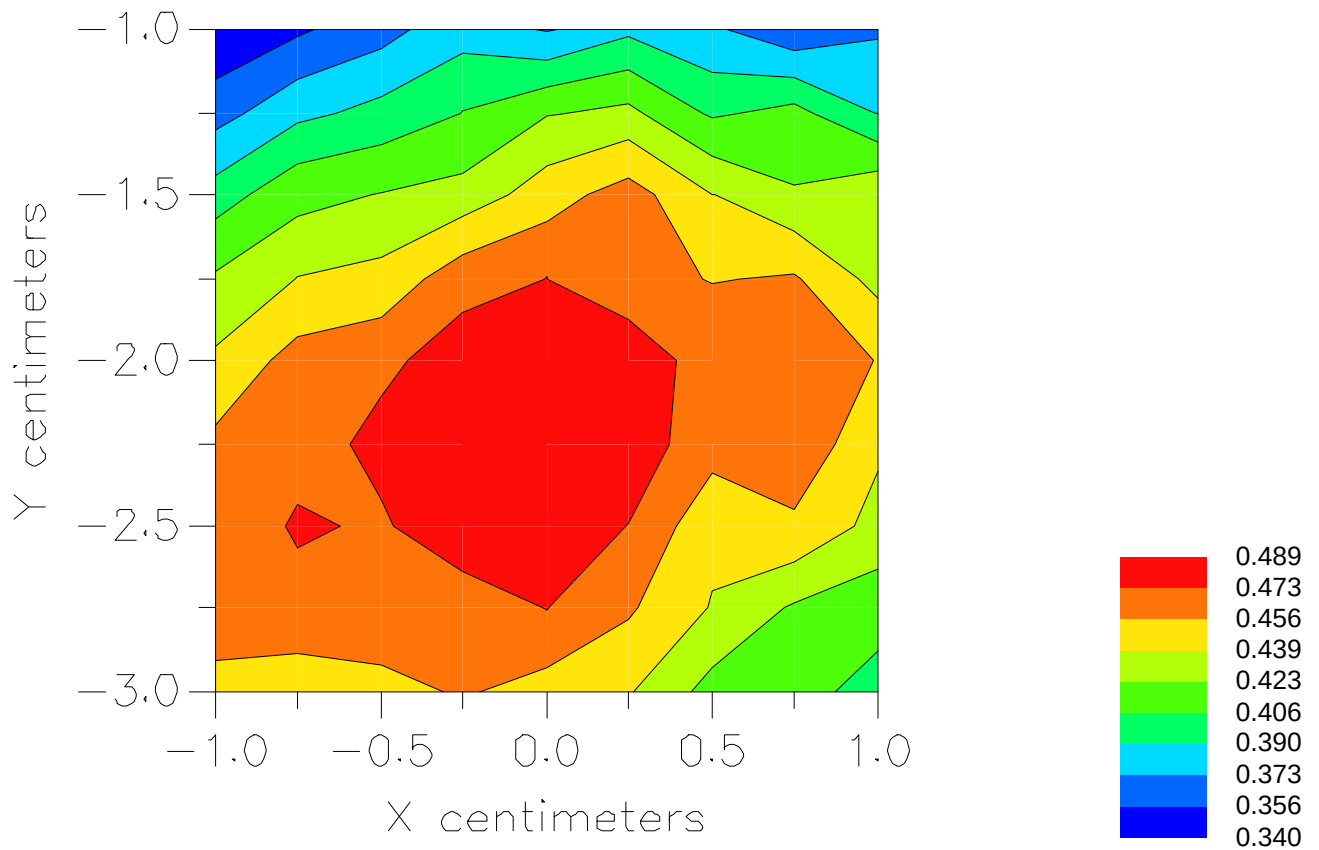


File : 00041314_ZOOM

Start : 13-Apr-100 02:30:55 pm End : 13-Apr-100 02:42:25 pm

A3LSCHA105/SCH-A105/#02;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/00041306_ZOOM.VLT
Start : 13-Apr-100 10:51:56 am End : 13-Apr-100 10:59:51 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG FM MODE body SAR flip w/belt-clip
CHAN 991 SAR 26.0 dBm CONDUCTED
FCC ID A3LSCHA105

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 = -2.250, Z = 0.000 (cm) Value = 9.659

Measured Values (volts) =
9.535E-003 8.105E-003 7.036E-003 5.726E-003 4.677E-003 4.177E-003
3.887E-003 3.969E-003 4.019E-003 3.800E-003 3.817E-003 3.116E-003
2.299E-003 1.684E-003 1.132E-003 7.807E-004 7.528E-004 1.009E-003
1.403E-003 1.687E-003 1.793E-003

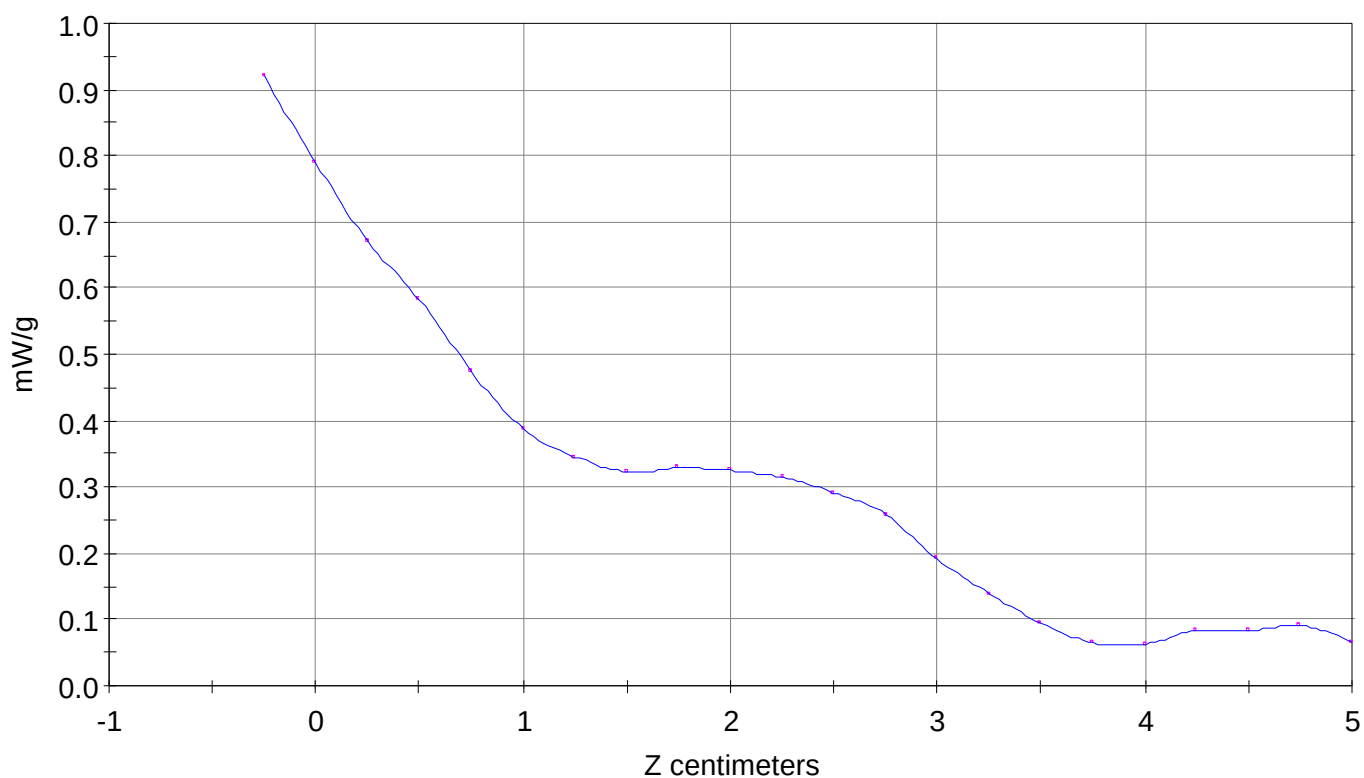
Calc. Voltage @ Surface (Vs) = 0.0111

Voltage @ 1.00 cm (Vt) = 0.0057

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

Ave. SAR over 1 g (mW/g) = 0.6964

SAR Scan
File : 00041306_ZOOM
Start : 13-Apr-100 10:51:56 am End : 13-Apr-100 10:59:51 am
A3LSCHA105/SCH-A105/#02;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

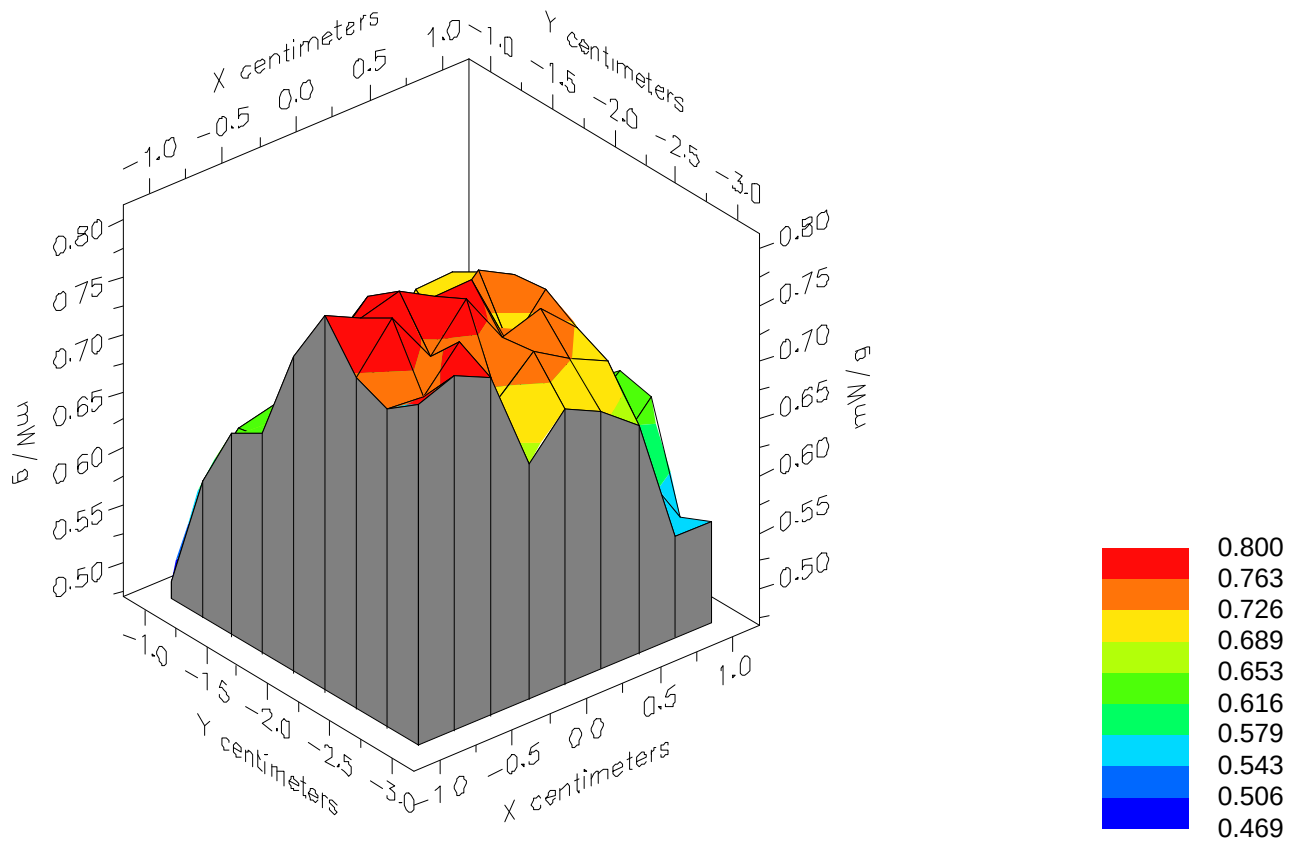


File : 00041306_ZOOM

Start : 13-Apr-100 10:51:56 am End : 13-Apr-100 10:59:51 am

A3LSCHA105/SCH-A105/#02;824.04MHz;W;Helical/Out;

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

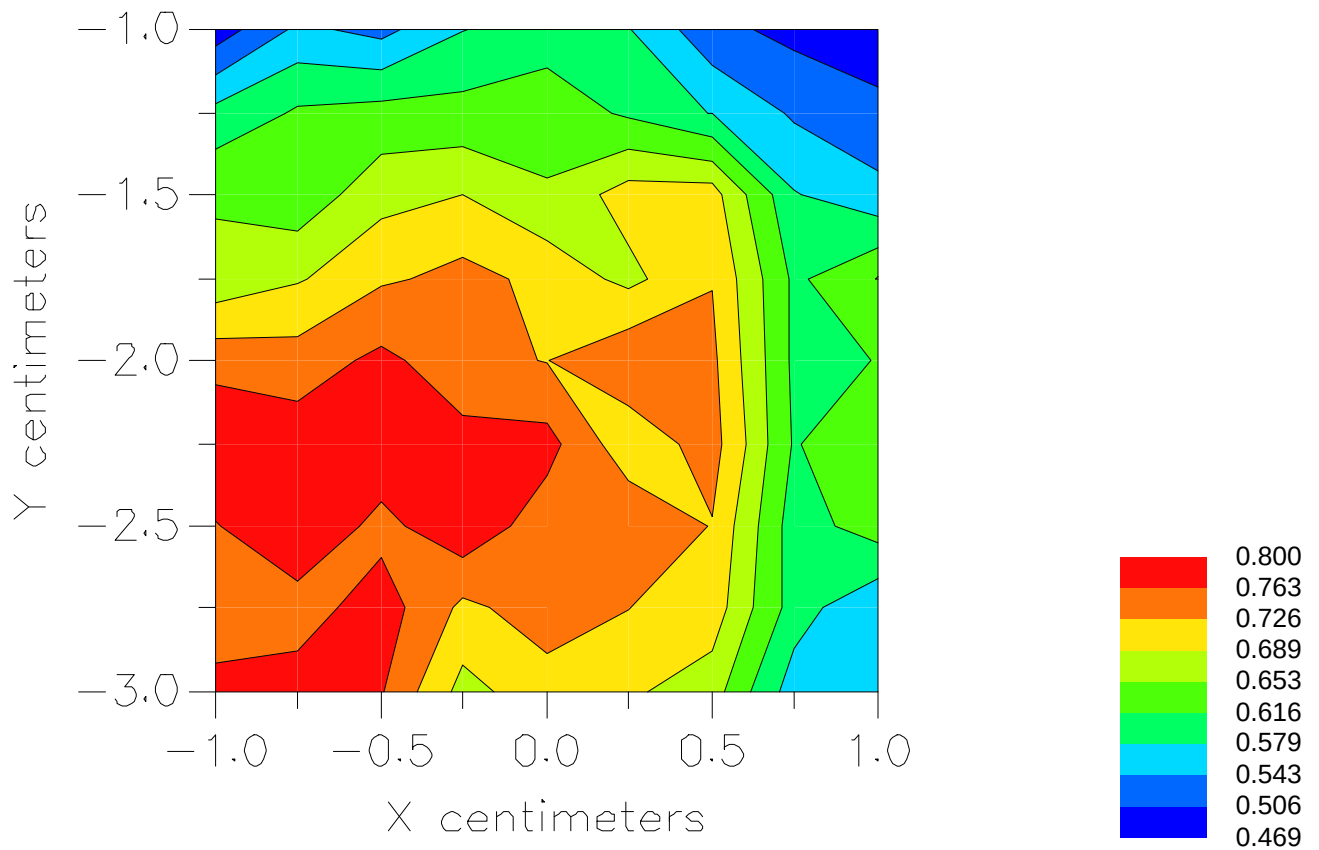


File : 00041306_ZOOM

Start : 13-Apr-100 10:51:56 am End : 13-Apr-100 10:59:51 am

A3LSCHA105/SCH-A105/#02;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/00041304_ZOOM.VLT
Start : 13-Apr-100 10:06:36 am End : 13-Apr-100 10:17:52 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG FM MODE body SAR flip w/belt-clip
CHAN 799 SAR 26.0 dBm CONDUCTED
FCC ID A3LSCHA105

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -2.250, Z = 0.000 (cm) Value = 6.439

Measured Values (volts) =
6.249E-003 5.413E-003 4.415E-003 3.720E-003 3.082E-003 2.768E-003
2.603E-003 2.606E-003 2.670E-003 2.680E-003 2.575E-003 2.298E-003
1.866E-003 1.335E-003 8.845E-004 6.143E-004 5.372E-004 6.140E-004
8.150E-004 1.210E-003 1.317E-003

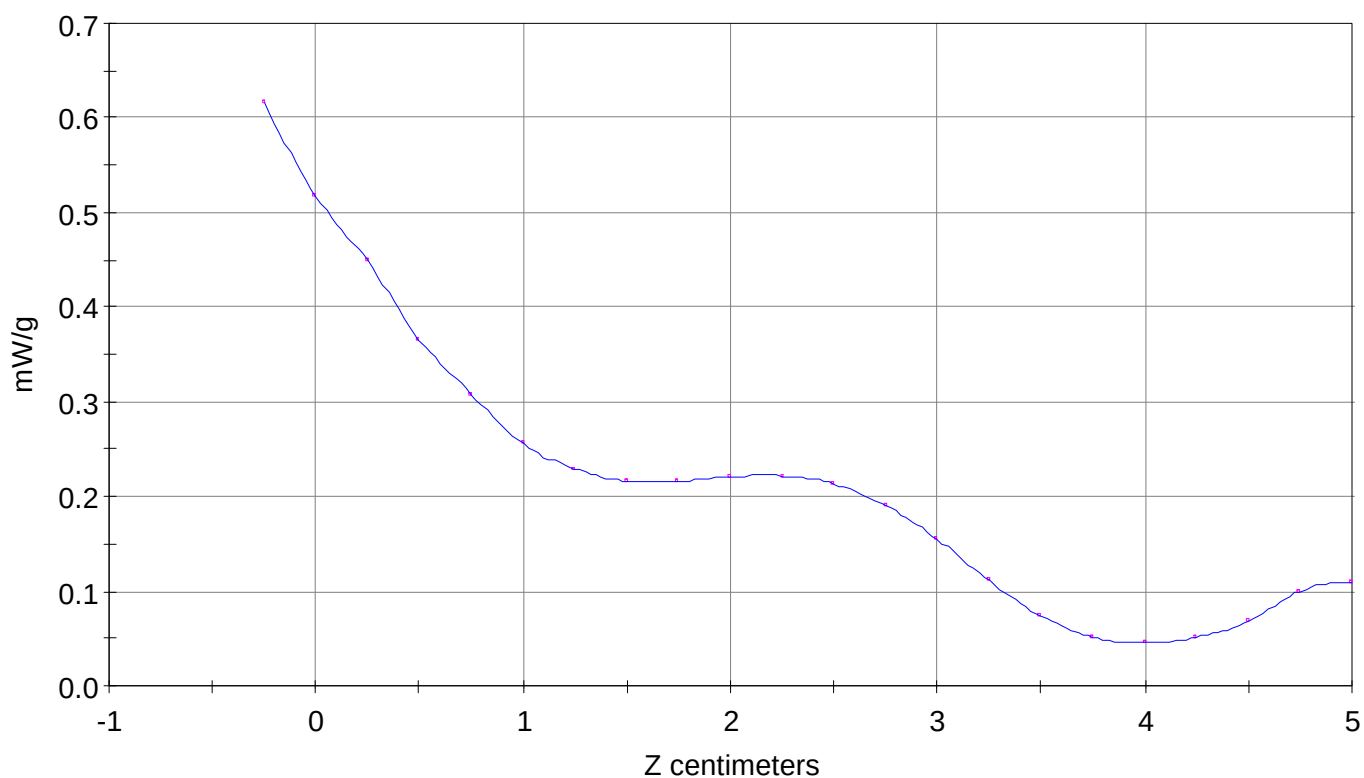
Calc. Voltage @ Surface (Vs) = 0.0074

Voltage @ 1.00 cm (Vt) = 0.0037

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

Ave. SAR over 1 g (mW/g) = 0.4618

SAR Scan
File : 00041304_ZOOM
Start : 13-Apr-100 10:06:36 am End : 13-Apr-100 10:17:52 am
A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

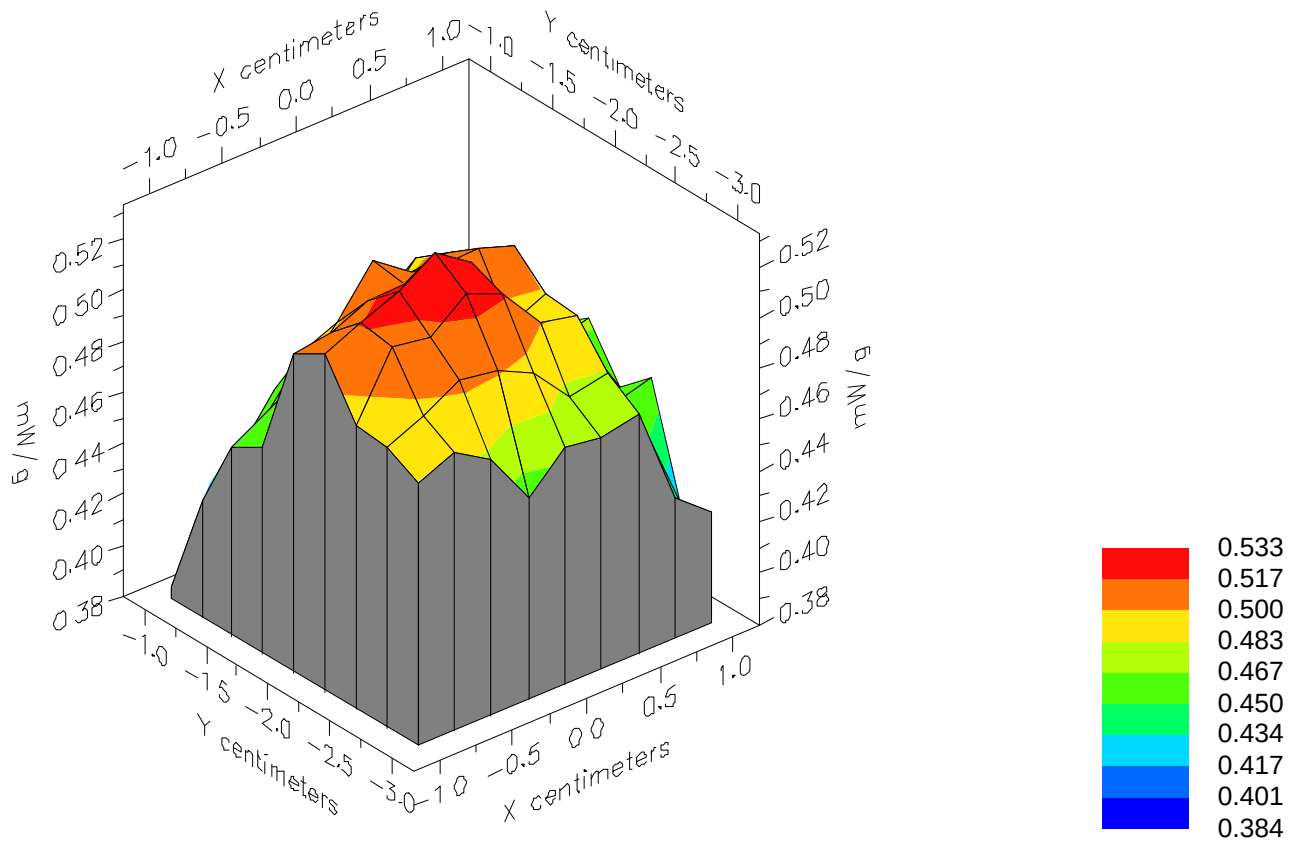


File : 00041304_ZOOM

Start : 13-Apr-100 10:06:36 am End : 13-Apr-100 10:17:52 am

A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/In;

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

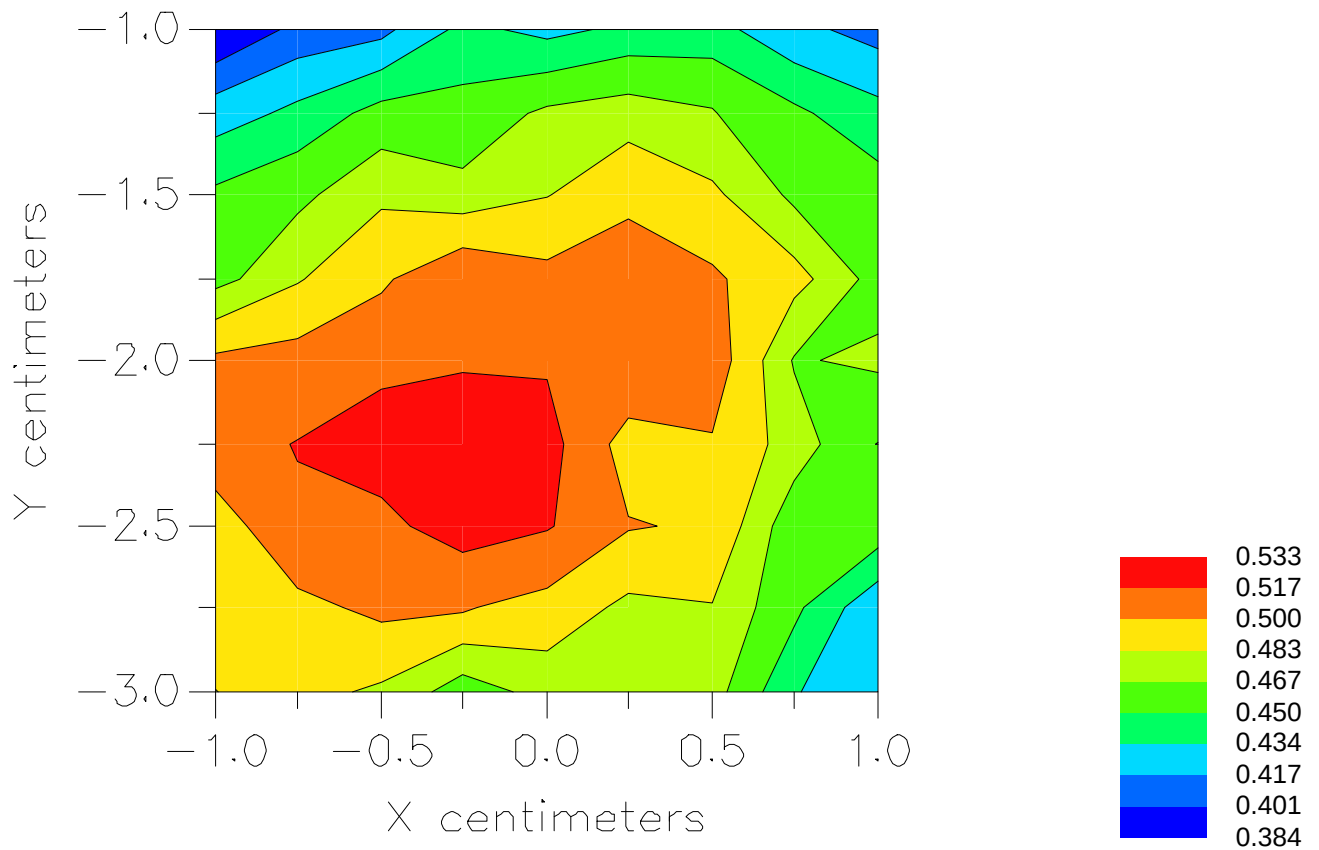


File : 00041304_ZOOM

Start : 13-Apr-100 10:06:36 am End : 13-Apr-100 10:17:52 am

A3LSCHA105/SCH-A105/#02;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/00041307_ZOOM.VLT
Start : 13-Apr-100 11:01:10 am End : 13-Apr-100 11:12:15 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG FM MODE body SAR flip w/belt-clip
CHAN 383 SAR 26.0 dBm CONDUCTED
FCC ID A3LSCHA105

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 = -2.500, Z = 0.000 (cm) Value = 9.660

Measured Values (volts) =
9.624E-003 8.172E-003 6.717E-003 5.449E-003 4.620E-003 4.133E-003
4.018E-003 3.989E-003 3.967E-003 3.827E-003 3.808E-003 3.177E-003
2.312E-003 1.606E-003 1.014E-003 7.729E-004 7.357E-004 1.503E-003
1.442E-003 1.644E-003 1.727E-003

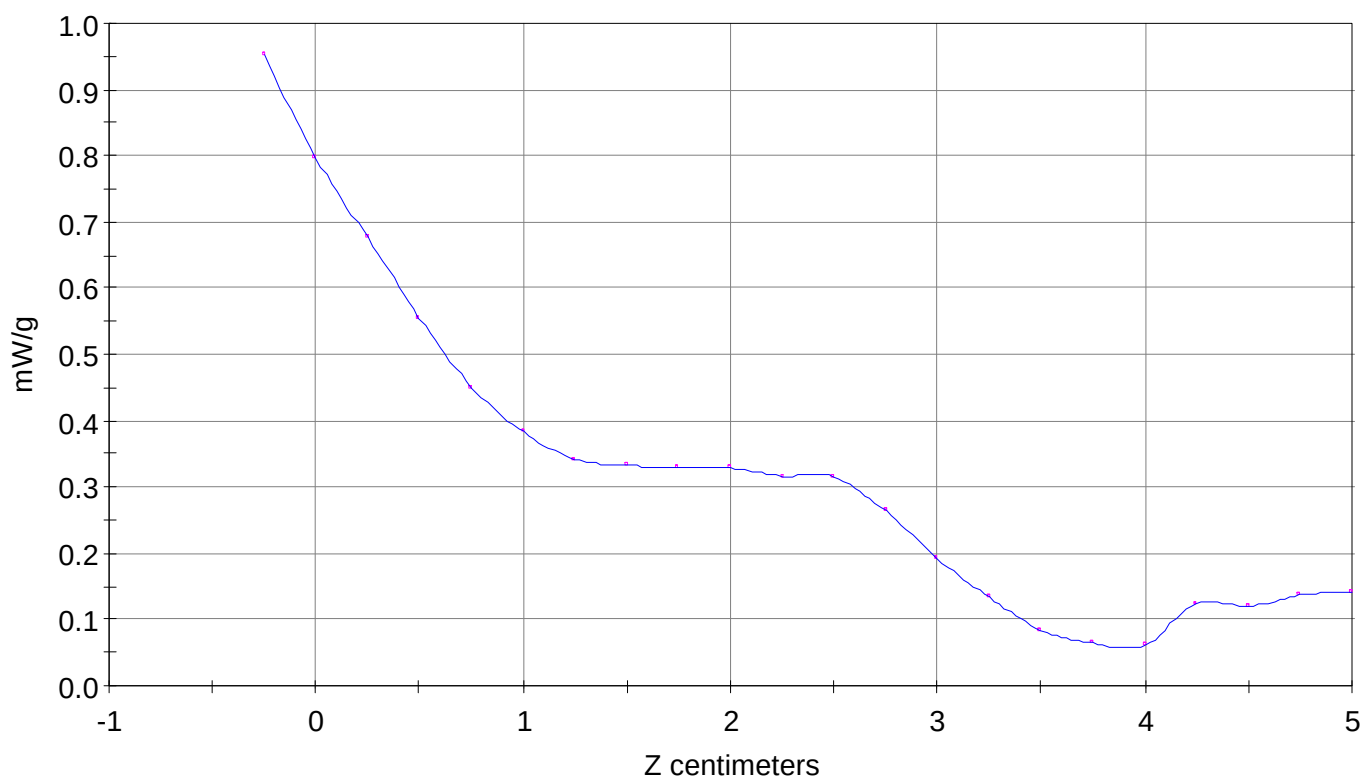
Calc. Voltage @ Surface (Vs) = 0.0115

Voltage @ 1.00 cm (Vt) = 0.0054

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

Ave. SAR over 1 g (mW/g) = 0.7024

SAR Scan
File : 00041307_ZOOM
Start : 13-Apr-100 11:01:10 am End : 13-Apr-100 11:12:15 am
A3LSCHA105/SCH-A105/#02;836.49MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

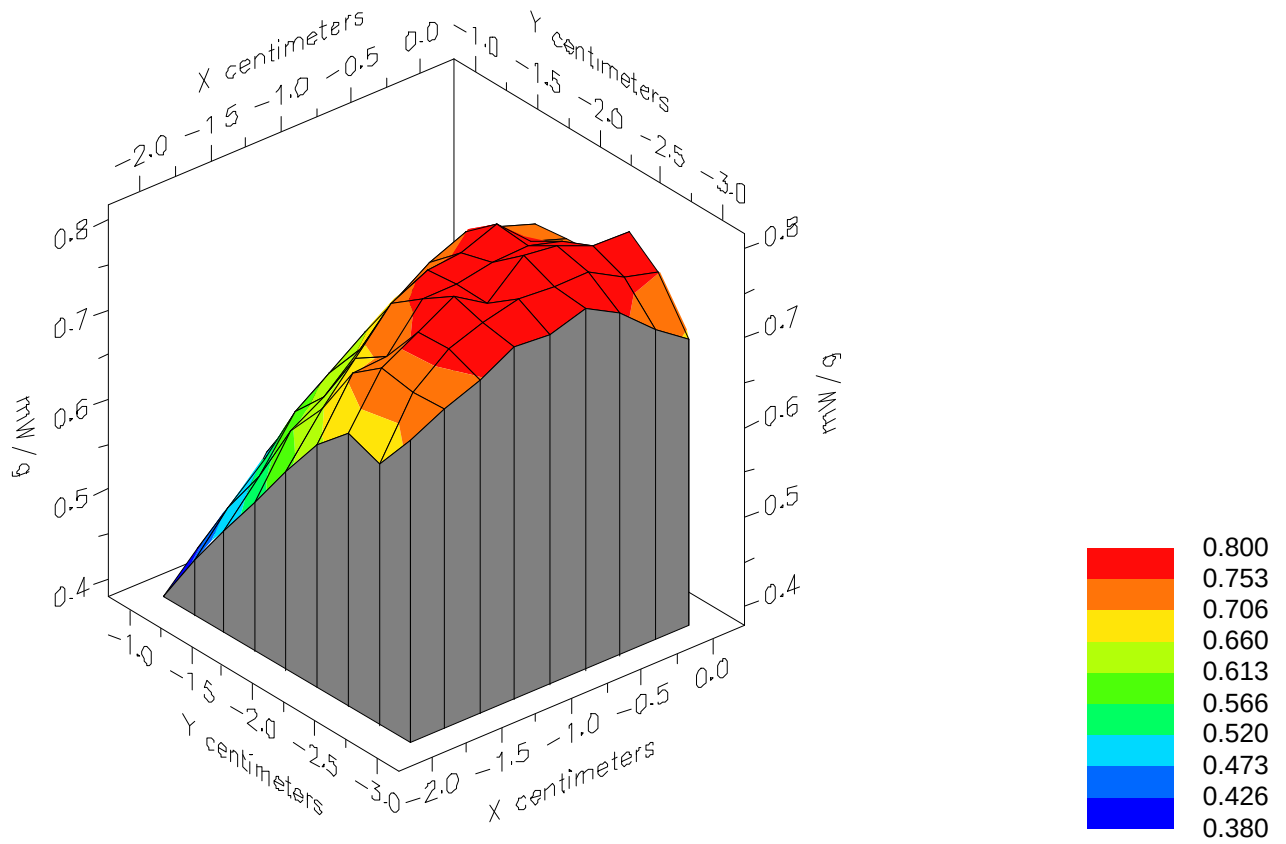


File : 00041307_ZOOM

Start : 13-Apr-100 11:01:10 am End : 13-Apr-100 11:12:15 am

A3LSCHA105/SCH-A105/#02;836.49MHz;W;Helical/Out;

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

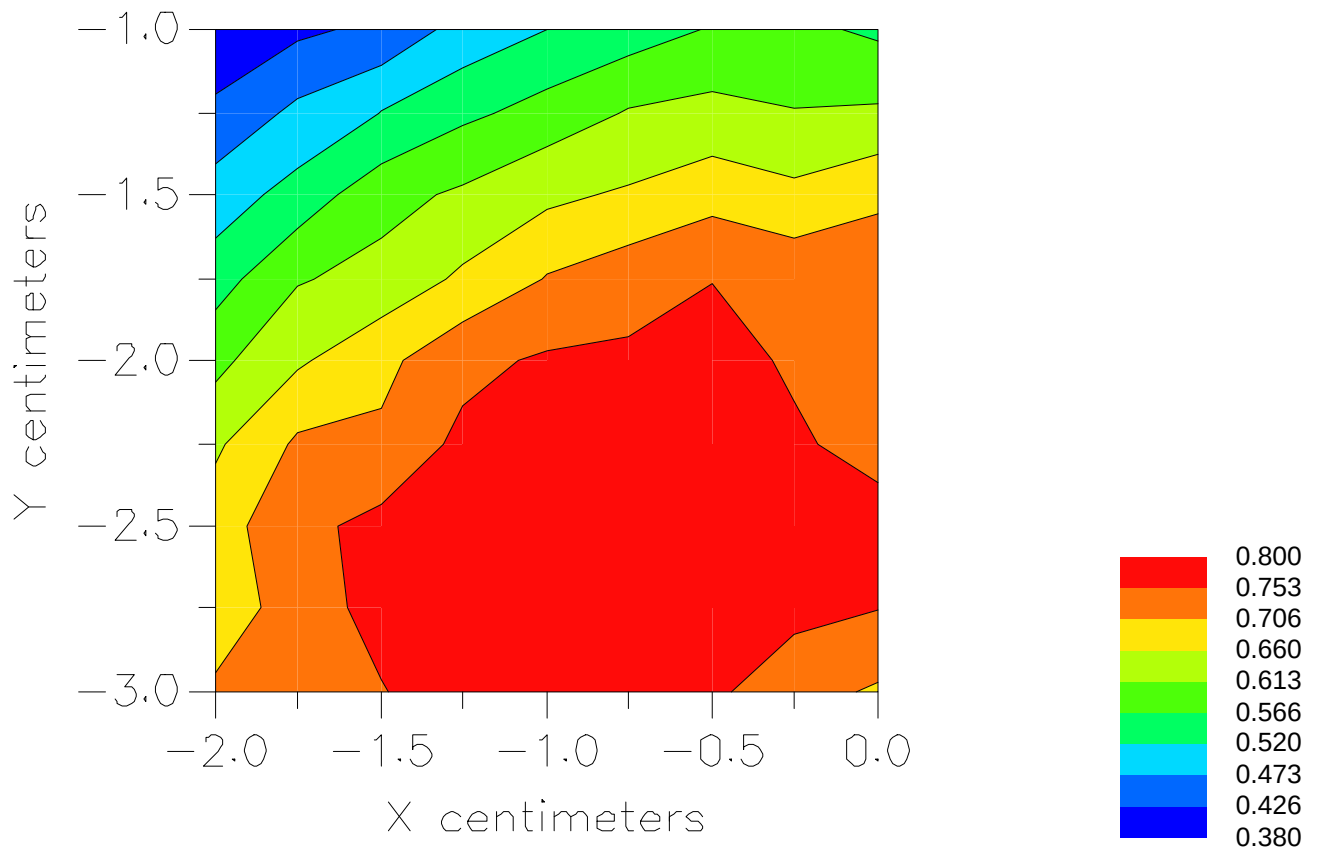


File : 00041307_ZOOM

Start : 13-Apr-100 11:01:10 am End : 13-Apr-100 11:12:15 am

A3LSCHA105/SCH-A105/#02;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/00041310_ZOOM.VLT
Start : 13-Apr-100 11:40:37 am End : 13-Apr-100 11:52:08 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG FM MODE body SAR flip w/belt-clip
CHAN 799 SAR 26.0 dBm CONDUCTED
FCC ID A3LSCHA105

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 = -2.750, Z = 0.000 (cm) Value = 9.978

Measured Values (volts) =
9.476E-003 7.853E-003 6.412E-003 5.204E-003 4.303E-003 3.871E-003
3.810E-003 3.747E-003 3.713E-003 3.544E-003 3.271E-003 3.027E-003
1.676E-003 1.226E-003 8.379E-004 6.527E-004 7.534E-004 1.023E-003
1.338E-003 1.472E-003 1.294E-003

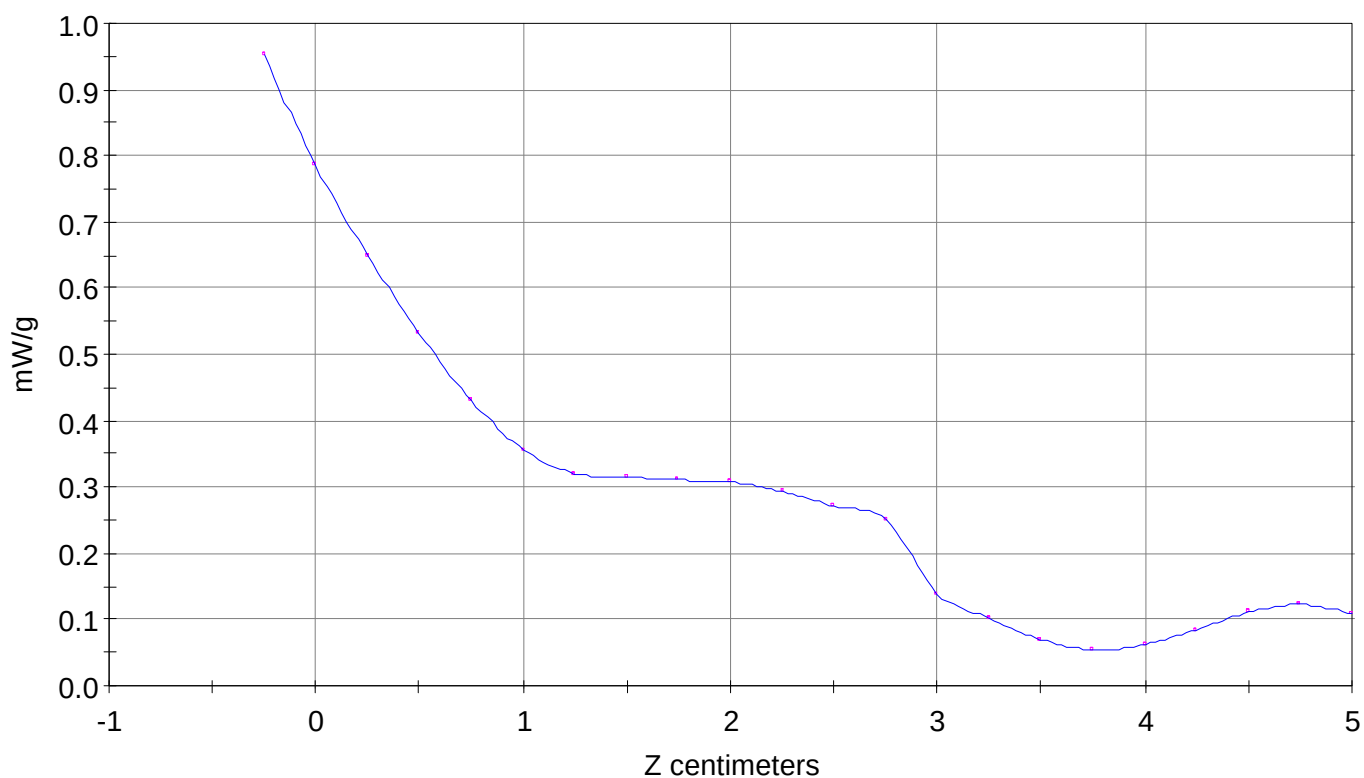
Calc. Voltage @ Surface (Vs) = 0.0115

Voltage @ 1.00 cm (Vt) = 0.0052

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

Ave. SAR over 1 g (mW/g) = 0.6922

SAR Scan
File : 00041310_ZOOM
Start : 13-Apr-100 11:40:37 am End : 13-Apr-100 11:52:08 am
A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

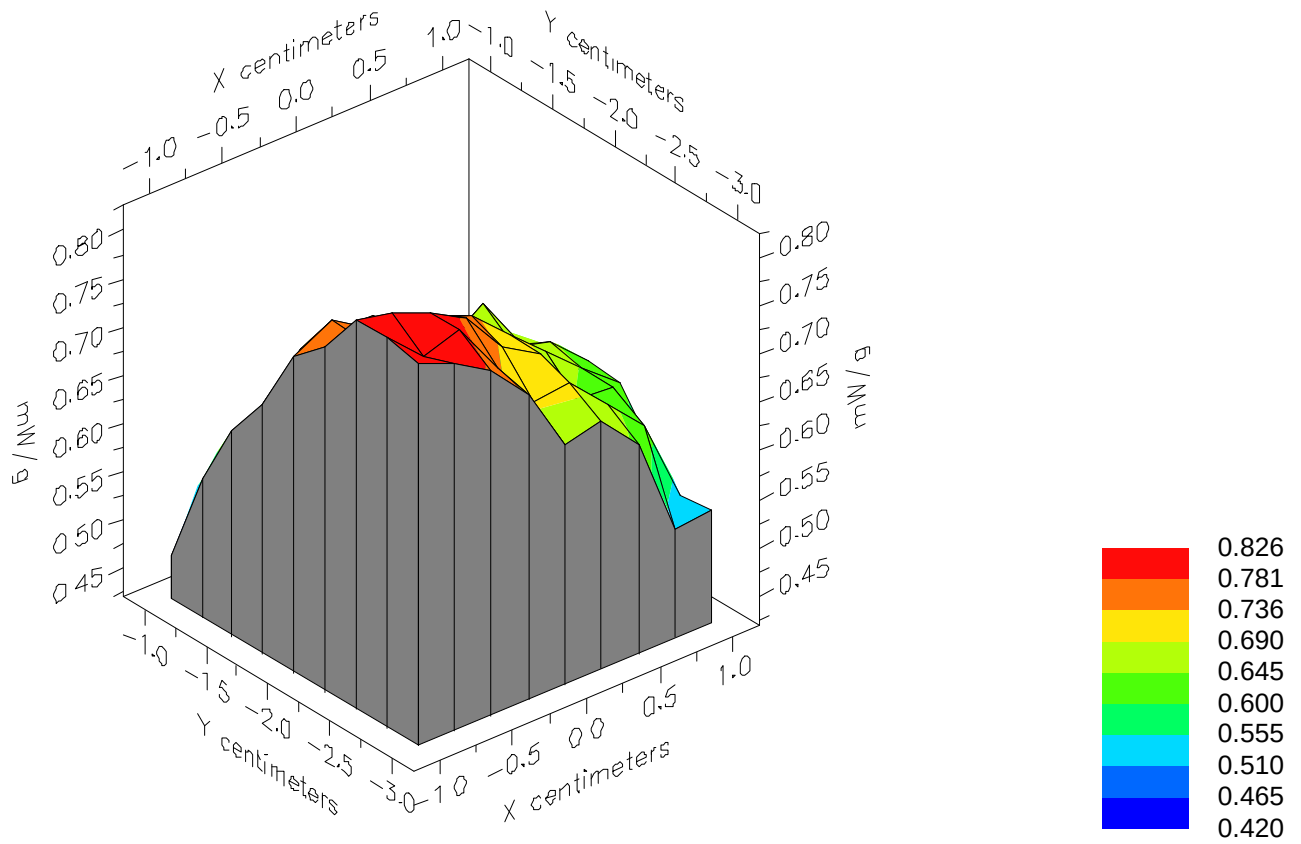


File : 00041310_ZOOM

Start : 13-Apr-100 11:40:37 am End : 13-Apr-100 11:52:08 am

A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/In;

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

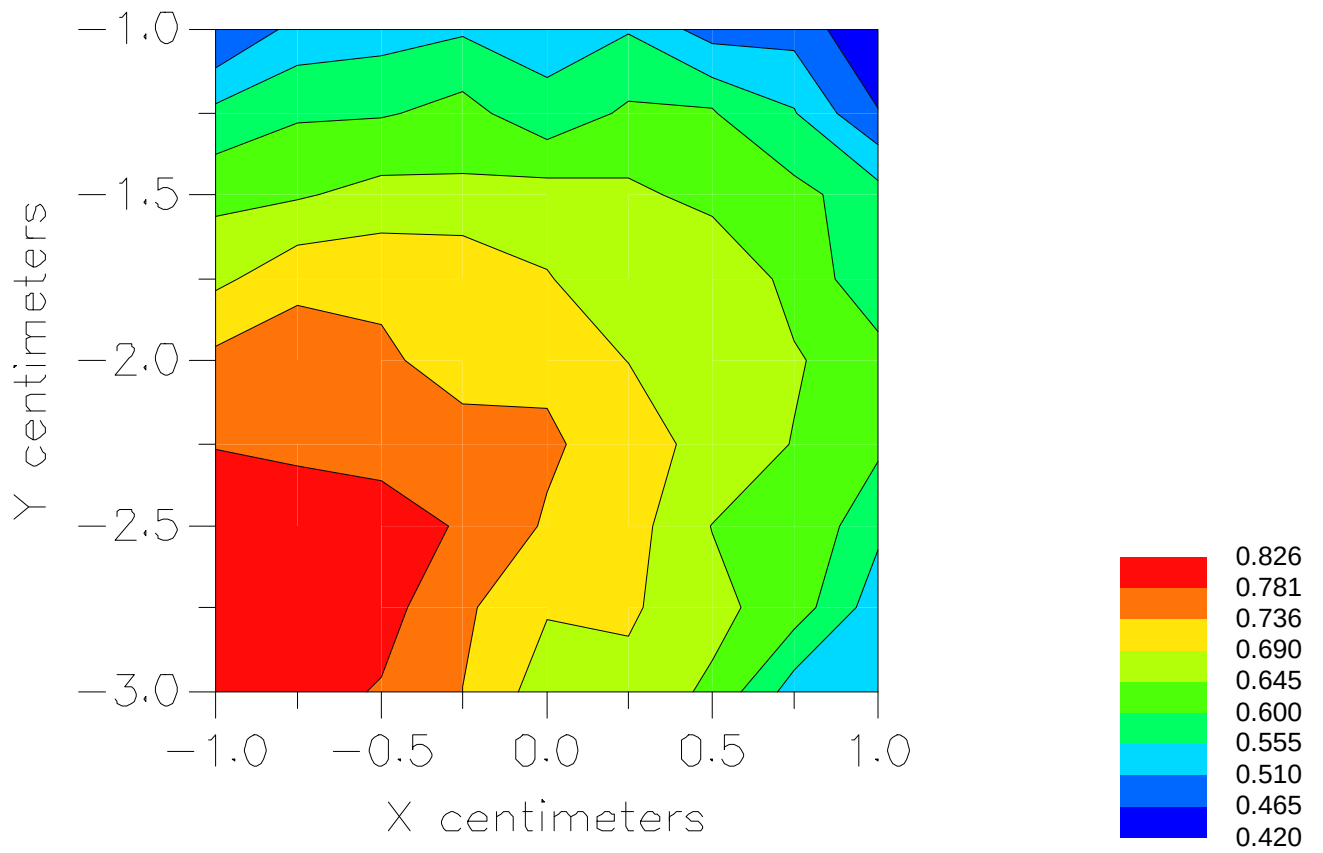


File : 00041310_ZOOM

Start : 13-Apr-100 11:40:37 am End : 13-Apr-100 11:52:08 am

A3LSCHA105/SCH-A105/#02;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/00041308_ZOOM.VLT
Start : 13-Apr-100 11:14:36 am End : 13-Apr-100 11:26:09 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG FM MODE body SAR flip w/belt-clip
CHAN 799 SAR 26.0 dBm CONDUCTED
FCC ID A3LSCHA105

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 = -2.500, Z = 0.000 (cm) Value = 9.687

Measured Values (volts) =
9.018E-003 7.732E-003 6.601E-003 5.223E-003 5.058E-003 4.028E-003
3.984E-003 4.034E-003 4.011E-003 3.998E-003 3.777E-003 2.142E-003
2.162E-003 1.543E-003 9.382E-004 7.489E-004 7.841E-004 1.336E-003
1.450E-003 1.957E-003 1.890E-003

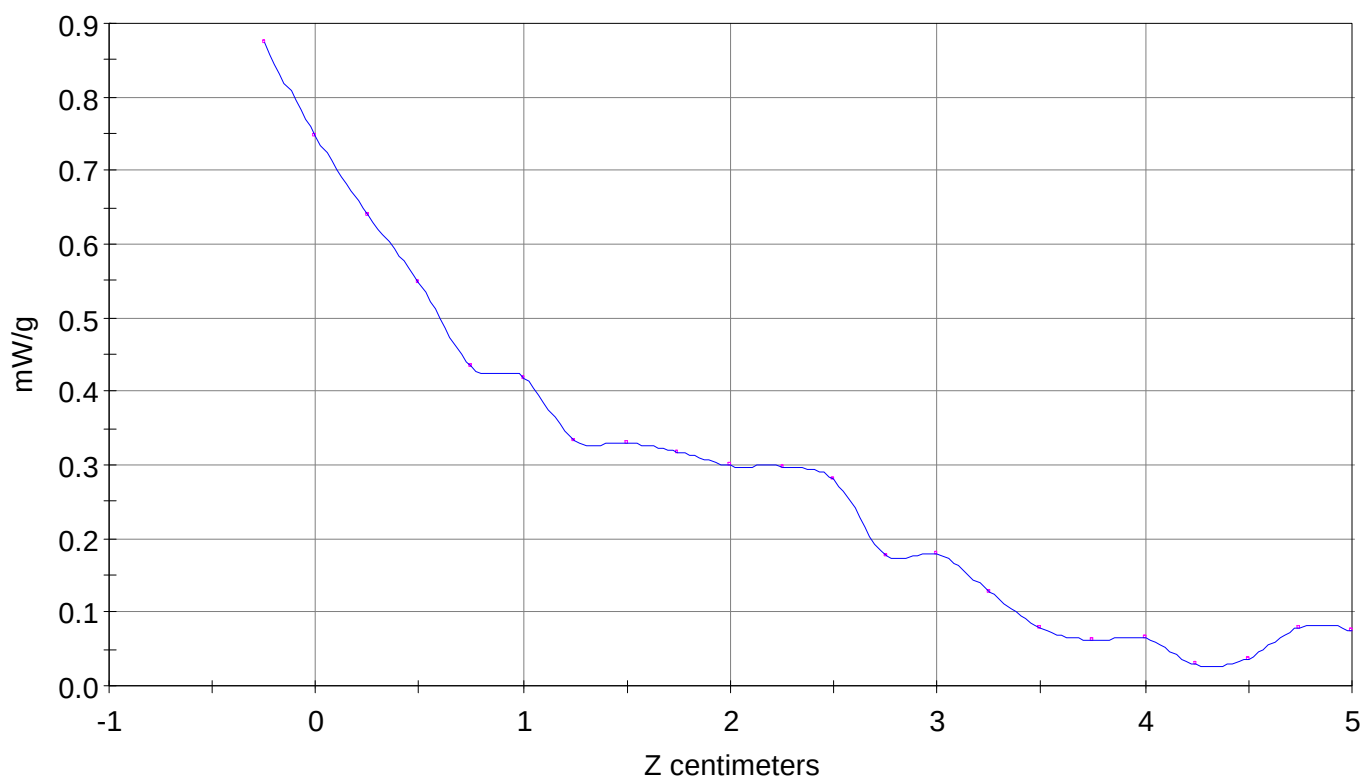
Calc. Voltage @ Surface (Vs) = 0.0105

Voltage @ 1.00 cm (Vt) = 0.0052

Ave. Voltage (Vs+Vt)/2 = 0.0079

Ave. SAR over 1 g (mW/g) = 0.6525

SAR Scan
File : 00041308_ZOOM
Start : 13-Apr-100 11:14:36 am End : 13-Apr-100 11:26:09 am
A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

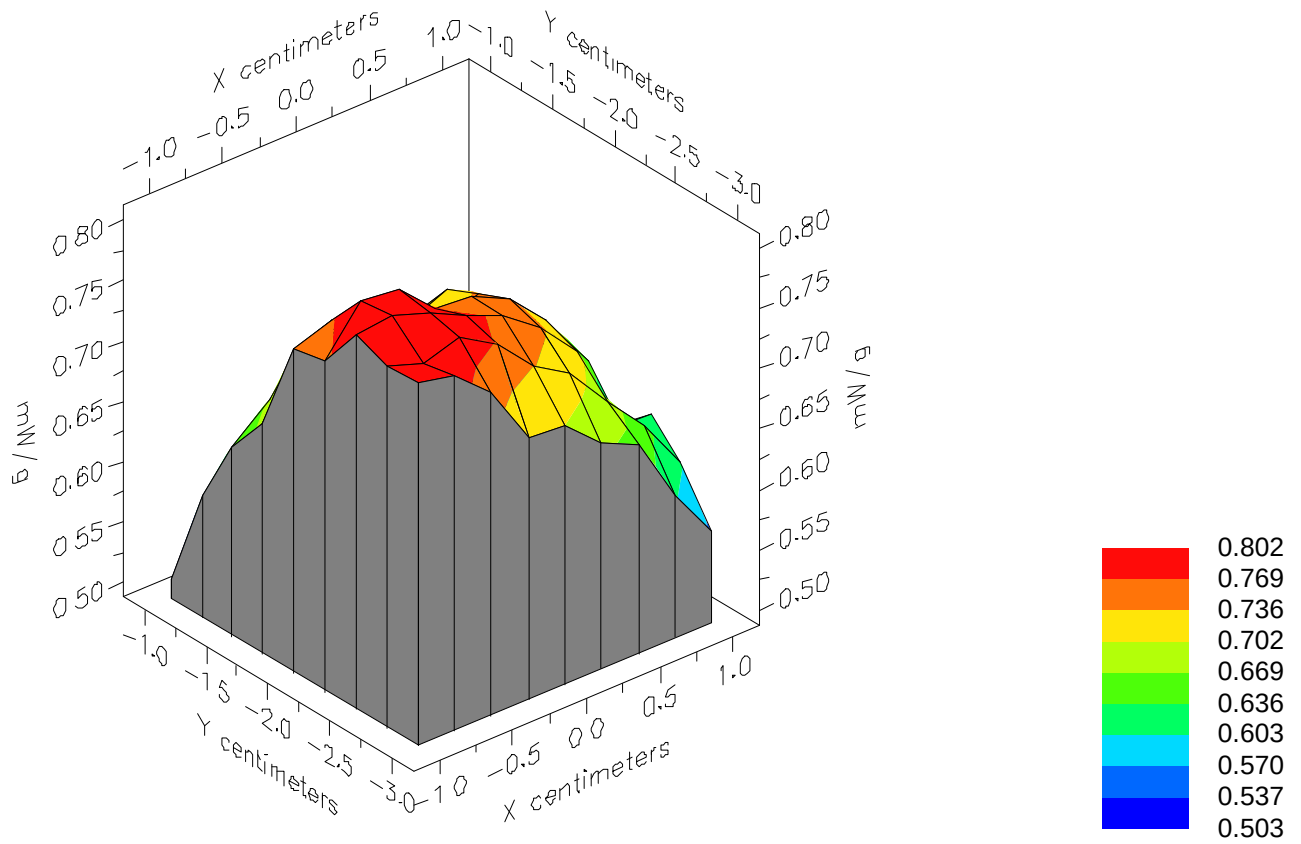


File : 00041308_ZOOM

Start : 13-Apr-100 11:14:36 am End : 13-Apr-100 11:26:09 am

A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/Out;

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



File : 00041308_ZOOM

Start : 13-Apr-100 11:14:36 am End : 13-Apr-100 11:26:09 am

A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/Out;

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

