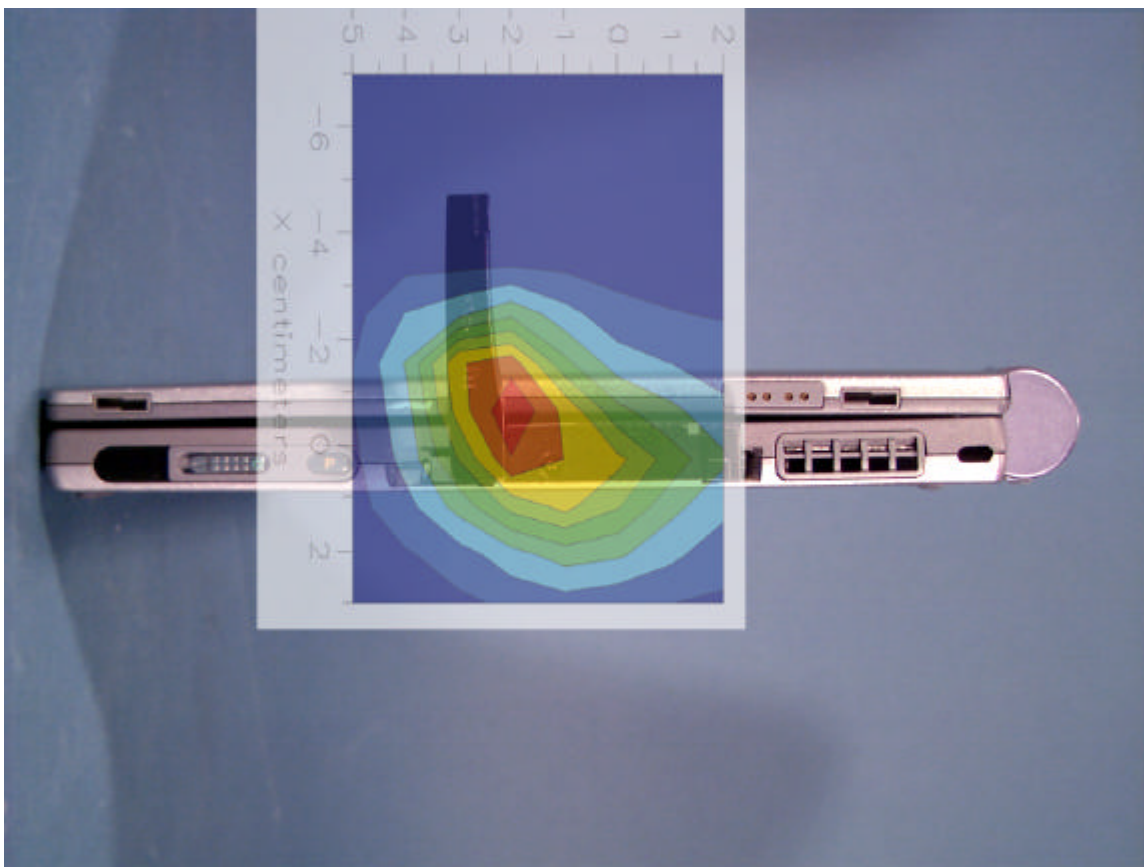


ATTACHMENT O – SAR TEST DATA

Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01021205_ZOOM.VLT
Start : 12-Feb-101 10:31:06 am End : 12-Feb-101 10:38:46 am

Radio Type : TELSON
Model Number : PCM-830
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Internal
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 :
TELSON WIRELESS CDMA LAN CARD
CHAN 1013 Conducted 25.0 dBm
TELSON WIRELESS CDMA LAN CARD

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 = -2.250, Z = 0.000 (cm) Value = 10.564

Measured Values (volts) =
9.741E-003 6.997E-003 5.401E-003 4.239E-003 3.404E-003 2.696E-003
2.294E-003 1.940E-003 1.738E-003 1.538E-003 1.325E-003 1.142E-003
9.377E-004 7.000E-004 4.833E-004 3.351E-004 2.510E-004 2.337E-004
2.908E-004 3.599E-004 4.101E-004

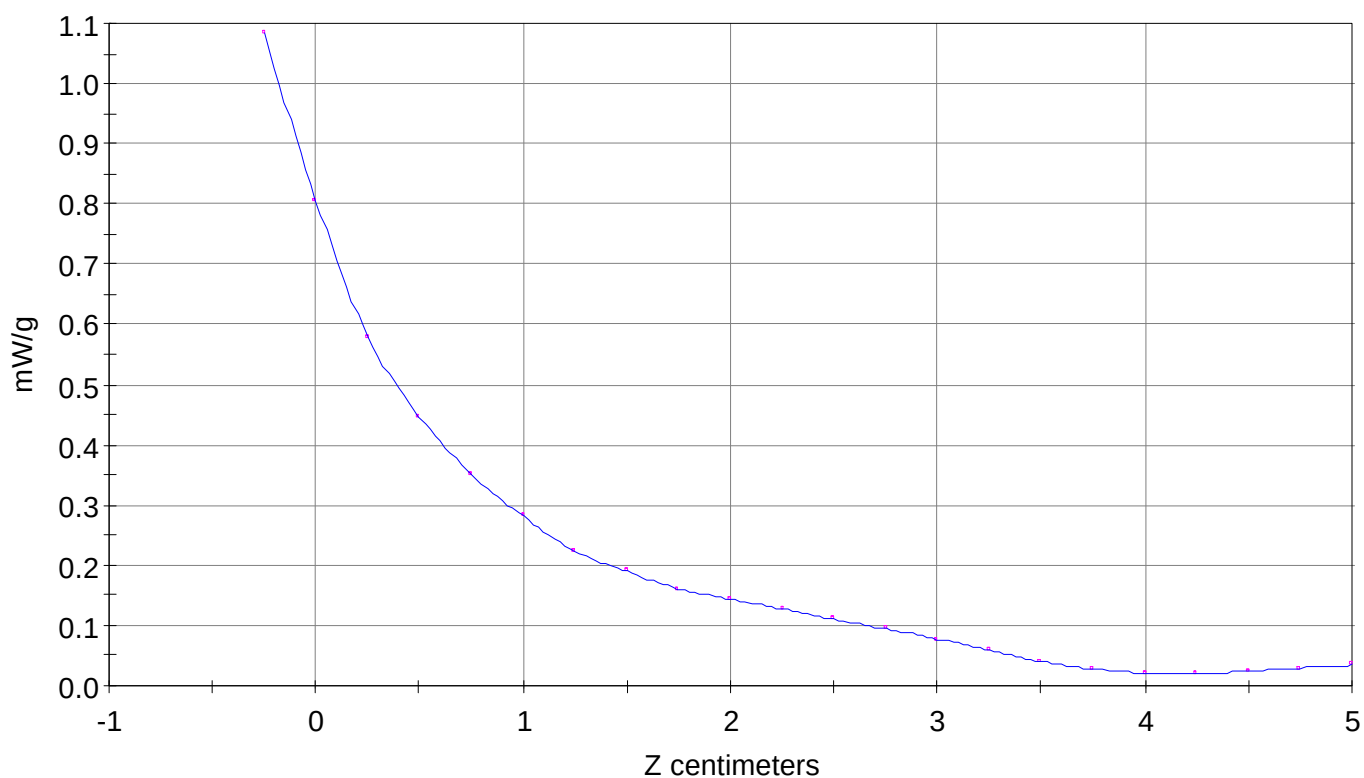
Calc. Voltage @ Surface (Vs) = 0.0131

Voltage @ 1.00 cm (Vt) = 0.0042

Ave. Voltage (Vs+Vt)/2 = 0.0087

Ave. SAR over 1 g (mW/g) = 0.7173

SAR Scan
File : 01021205_ZOOM
Start : 12-Feb-101 10:31:06 am End : 12-Feb-101 10:38:46 am
TELSON/PCM-830/1;824.70MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

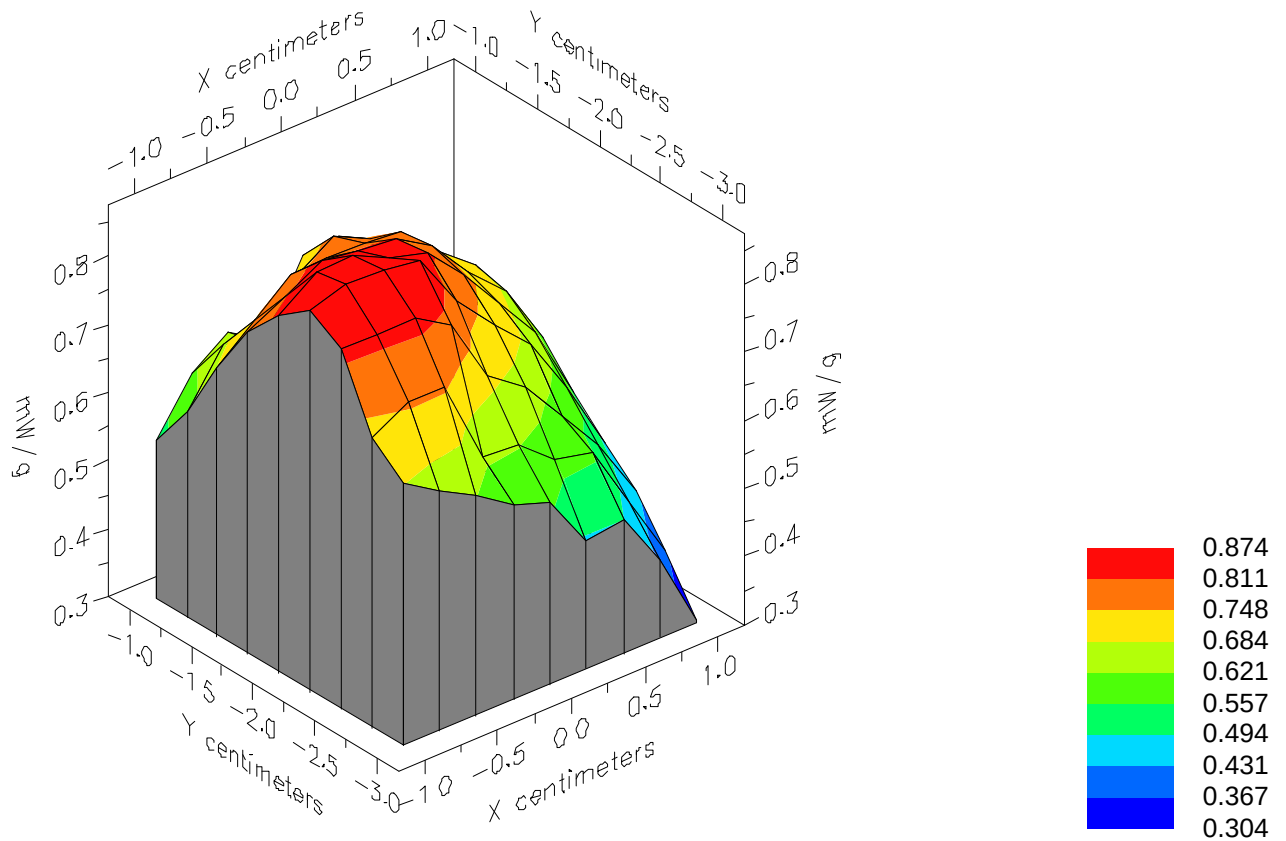


File : 01021205_ZOOM

Start : 12-Feb-101 10:31:06 am End : 12-Feb-101 10:38:46 am

TELSON/PCM-830/1;824.70MHz;W;Helical/Internal;

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

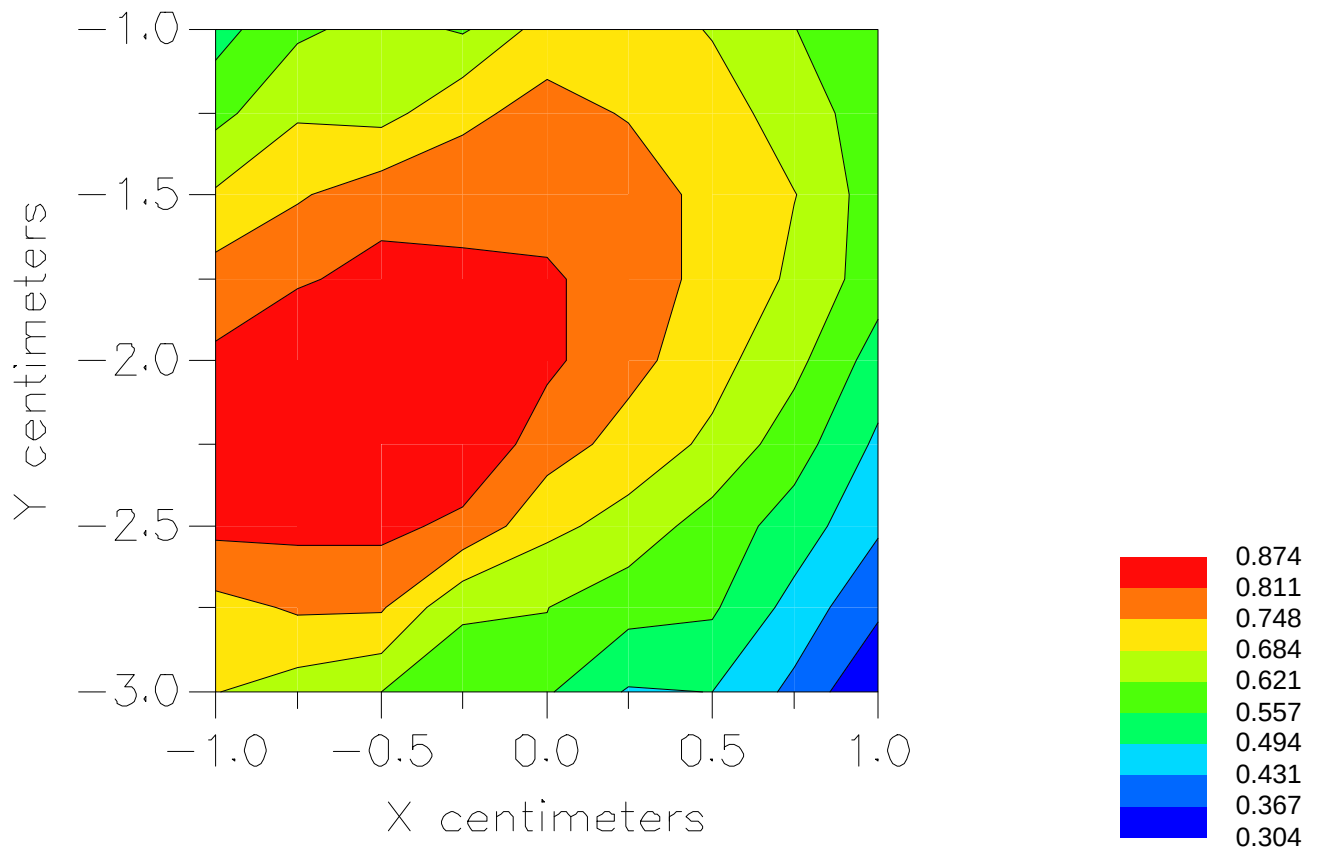


File : 01021205_ZOOM

Start : 12-Feb-101 10:31:06 am End : 12-Feb-101 10:38:46 am

TELSON/PCM-830/1;824.70MHz;W;Helical/Internal;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01021210_ZOOM.VLT
Start : 12-Feb-101 11:30:50 am End : 12-Feb-101 11:39:44 am

Radio Type : TELSON
Model Number : PCM-830
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Internal
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 :
TELSON WIRELESS CDMA LAN CARD
CHAN 0363 Conducted 25.0 dBm
TELSON WIRELESS CDMA LAN CARD

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 = 16.586

Measured Values (volts) =
1.621E-002 1.152E-002 8.870E-003 6.815E-003 5.460E-003 4.358E-003
3.623E-003 3.183E-003 2.758E-003 2.407E-003 2.084E-003 1.733E-003
1.358E-003 9.890E-004 6.695E-004 4.268E-004 3.119E-004 3.558E-004
4.281E-004 5.173E-004 6.232E-004

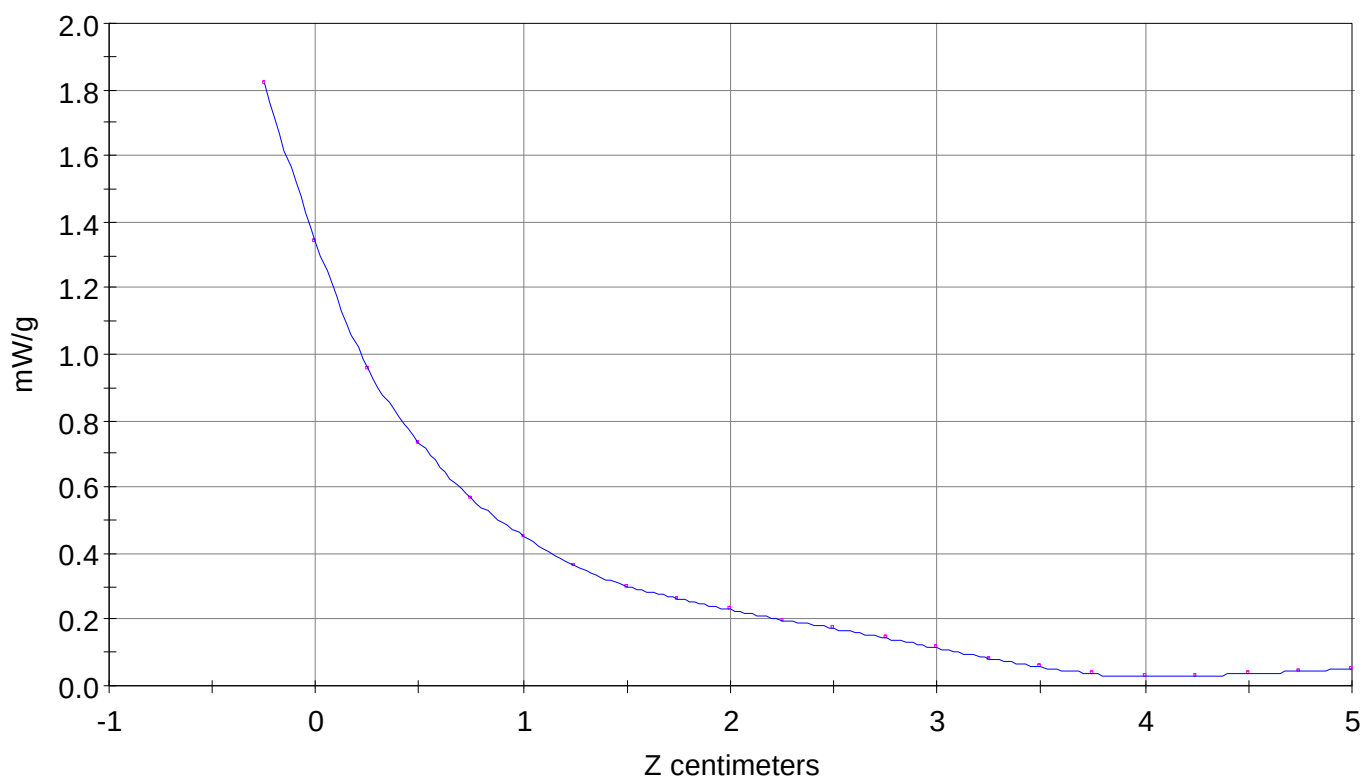
Calc. Voltage @ Surface (Vs) = 0.0219

Voltage @ 1.00 cm (Vt) = 0.0068

Ave. Voltage (Vs+Vt)/2 = 0.0144

Ave. SAR over 1 g (mW/g) = 1.1897

SAR Scan
File : 01021210_ZOOM
Start : 12-Feb-101 11:30:50 am End : 12-Feb-101 11:39:44 am
TELSON/PCM-830/1;835.89MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

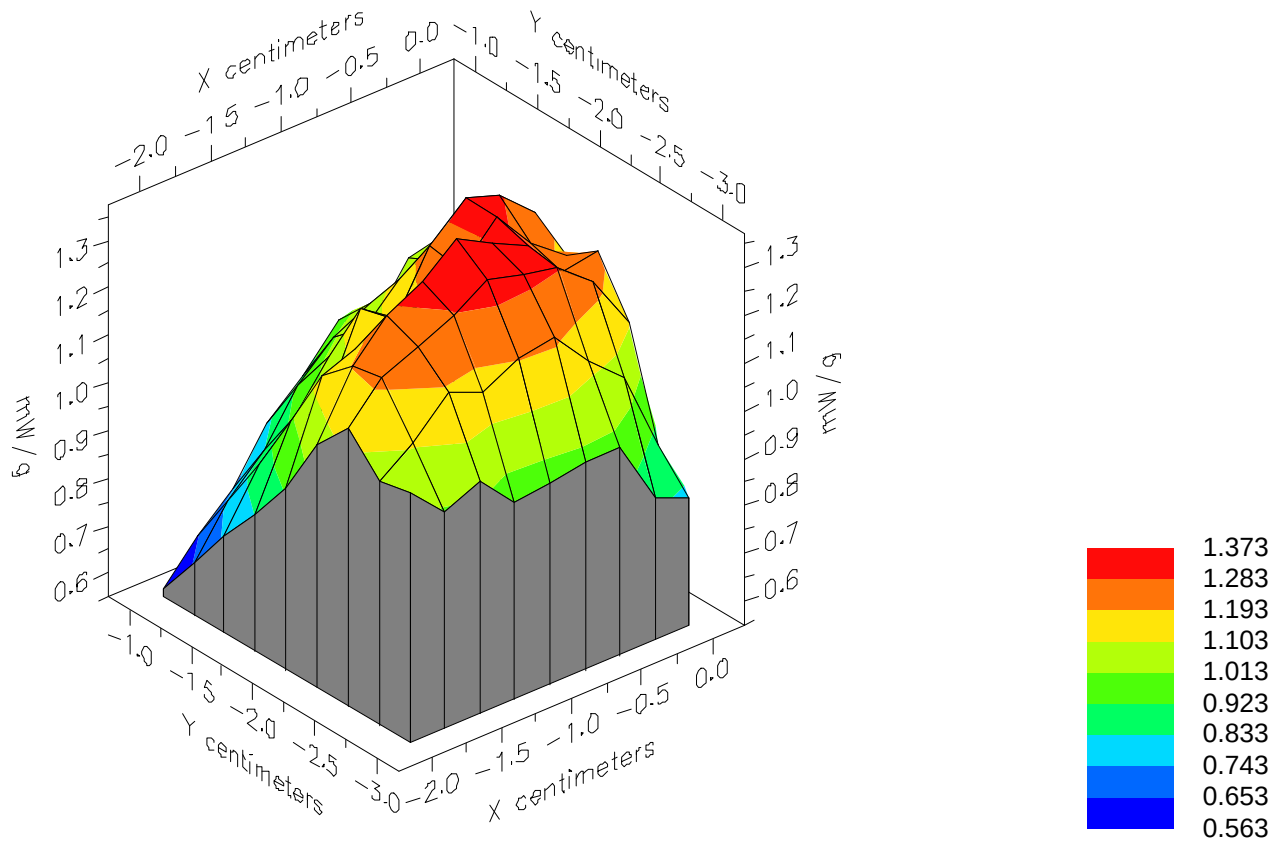


File : 01021210_ZOOM

Start : 12-Feb-101 11:30:50 am End : 12-Feb-101 11:39:44 am

TELSON/PCM-830/1;835.89MHz;W;Helical/Internal;

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

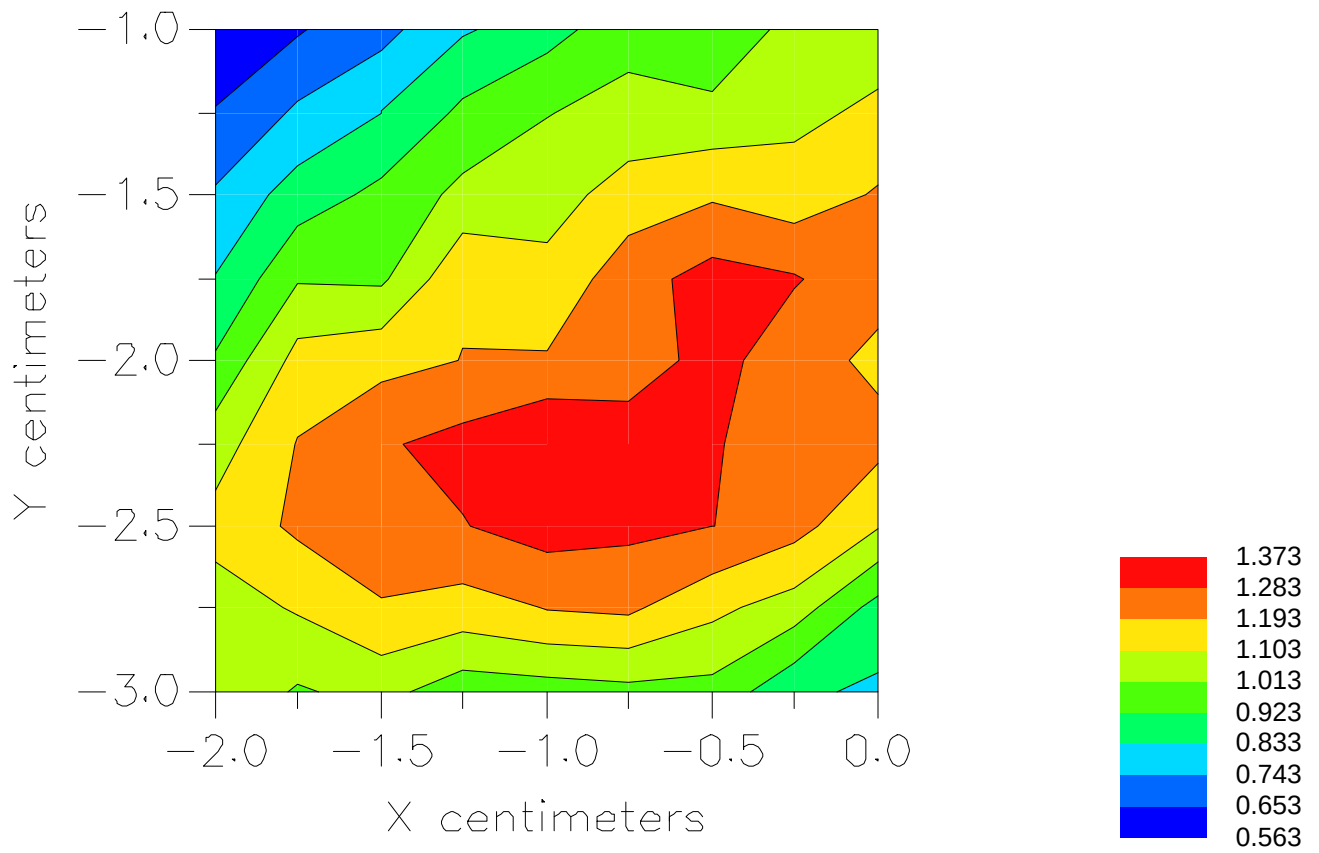


File : 01021210_ZOOM

Start : 12-Feb-101 11:30:50 am End : 12-Feb-101 11:39:44 am

TELSON/PCM-830/1;835.89MHz;W;Helical/Internal;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01021202_ZOOM.VLT
Start : 12-Feb-101 09:47:21 am End : 12-Feb-101 09:56:38 am

Radio Type : TELSON
Model Number : PCM-830
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Internal
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 :
TELSON WIRELESS CDMA LAN CARD
CHAN 0777 Conducted 25.0 dBm
TELSON WIRELESS CDMA LAN CARD

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 = -1.750, Z = 0.000 (cm) Value = 14.514

Measured Values (volts) =
1.415E-002 1.062E-002 8.346E-003 6.471E-003 5.244E-003 4.175E-003
3.437E-003 2.884E-003 2.498E-003 2.214E-003 1.973E-003 1.707E-003
1.449E-003 1.145E-003 8.704E-004 6.024E-004 4.122E-004 2.910E-004
2.814E-004 3.443E-004 4.306E-004

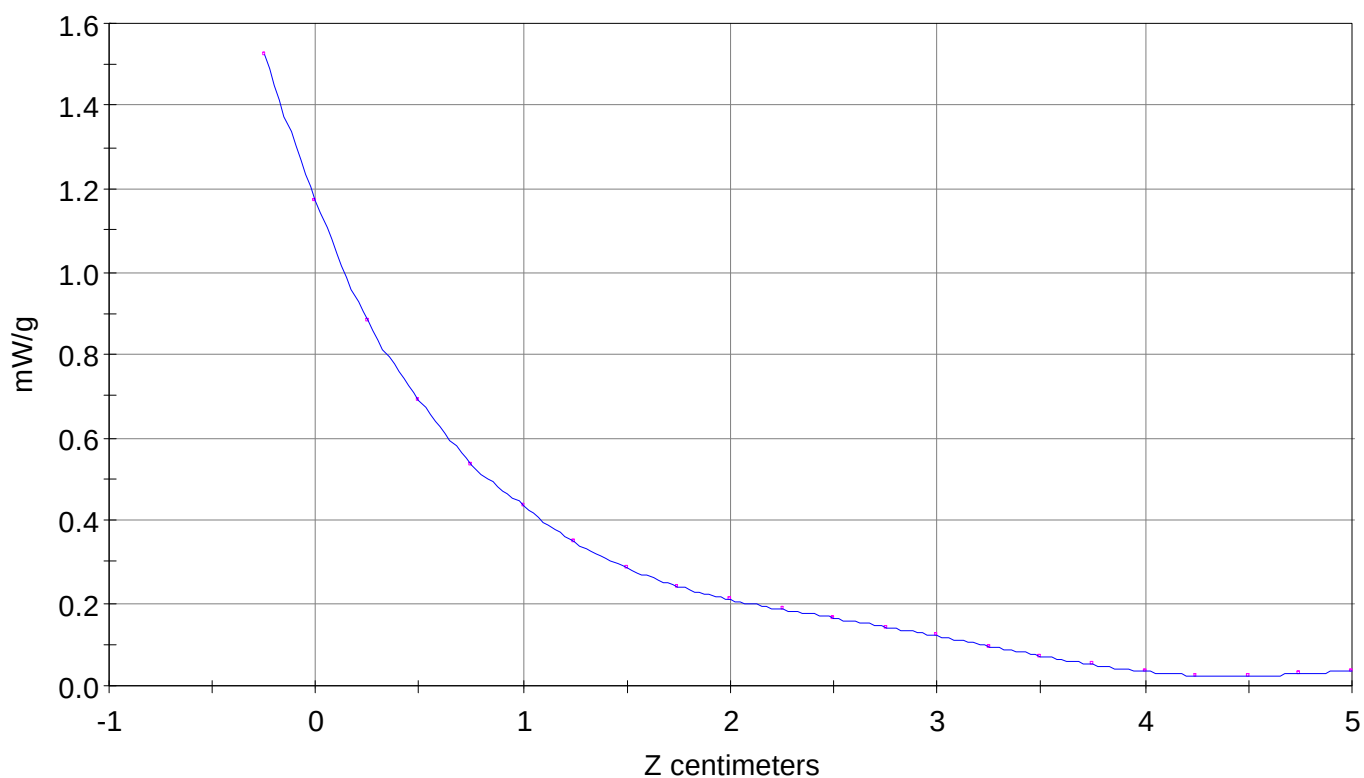
Calc. Voltage @ Surface (Vs) = 0.0184

Voltage @ 1.00 cm (Vt) = 0.0065

Ave. Voltage (Vs+Vt)/2 = 0.0125

Ave. SAR over 1 g (mW/g) = 1.0308

SAR Scan
File : 01021202_ZOOM
Start : 12-Feb-101 09:47:21 am End : 12-Feb-101 09:56:38 am
TELSON/PCM-830/1;848.31MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

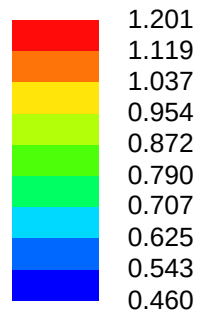
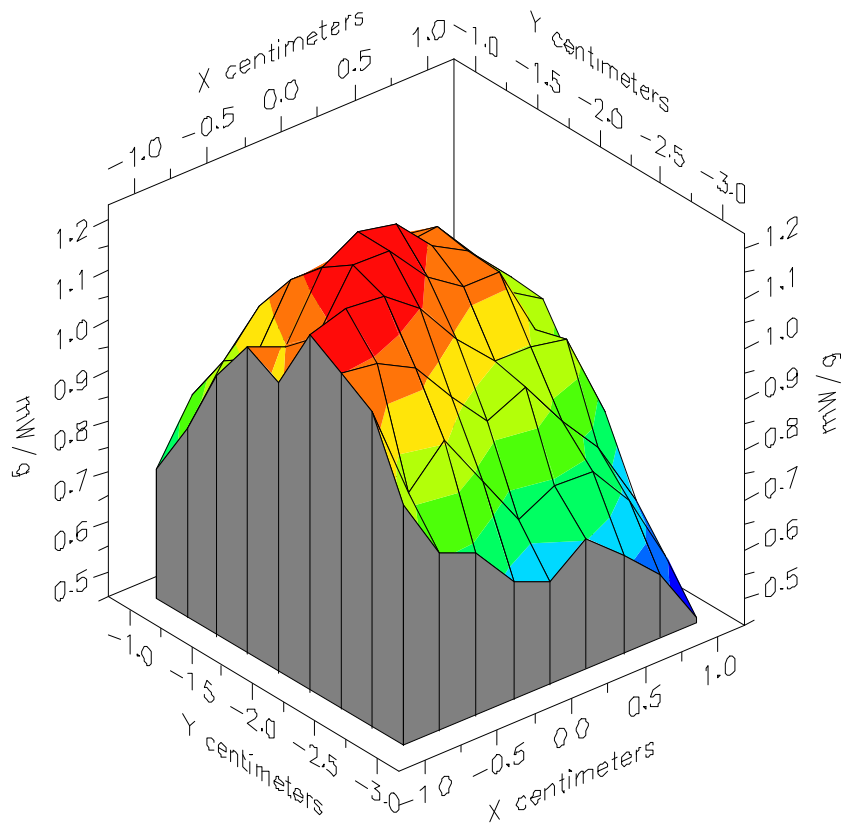


File : 01021202_ZOOM

Start : 12-Feb-101 09:47:21 am End : 12-Feb-101 09:56:38 am

TELSON/PCM-830/1;848.31MHz;W;Helical/Internal;

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



File : 01021202_ZOOM
Start : 12-Feb-101 09:47:21 am End : 12-Feb-101 09:56:38 am
TELSON/PCM-830/1;848.31MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

