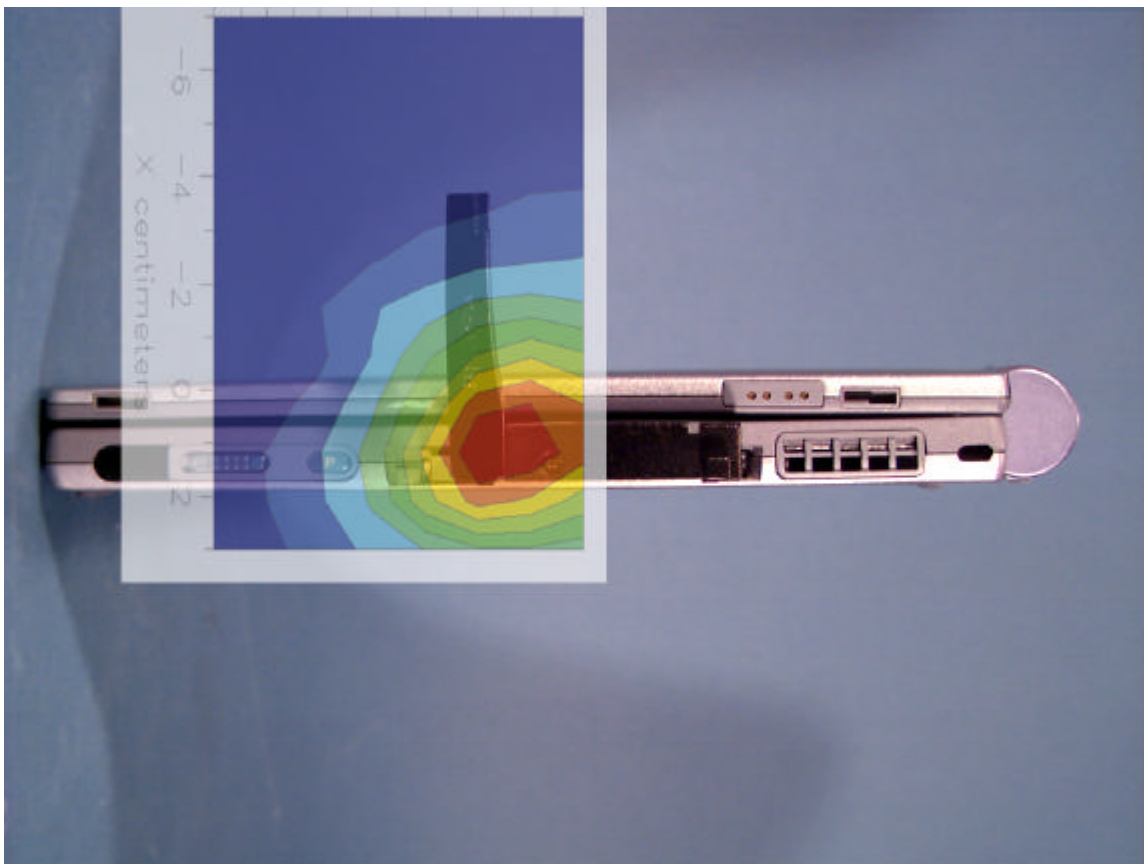


ATTACHMENT O – SAR TEST DATA

Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01021218_ZOOM.VLT
Start : 12-Feb-101 03:11:53 pm End : 12-Feb-101 03:22:15 pm

Radio Type : TELSON
Model Number : PCM-1930
Serial Number : 1
Frequency : 1851.25 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 = 54.200
Mixture Conductivity = 1.850

Comment :
TELSON WIRELESS PCS CDMA LAN CARD
CHAN 0025 Conducted 25.0 dBm
TELSON WIRELESS PCS CDMA LAN CARD

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 = 0.500, Z = 0.000 (cm) Value = 11.672

Measured Values (volts) =
1.028E-002 7.904E-003 5.355E-003 3.820E-003 2.825E-003 2.078E-003
1.542E-003 1.101E-003 7.983E-004 5.283E-004 3.739E-004 2.751E-004
2.101E-004 1.373E-004 5.415E-005 4.639E-005 4.152E-005 3.814E-005
4.575E-005 3.250E-005 3.384E-005

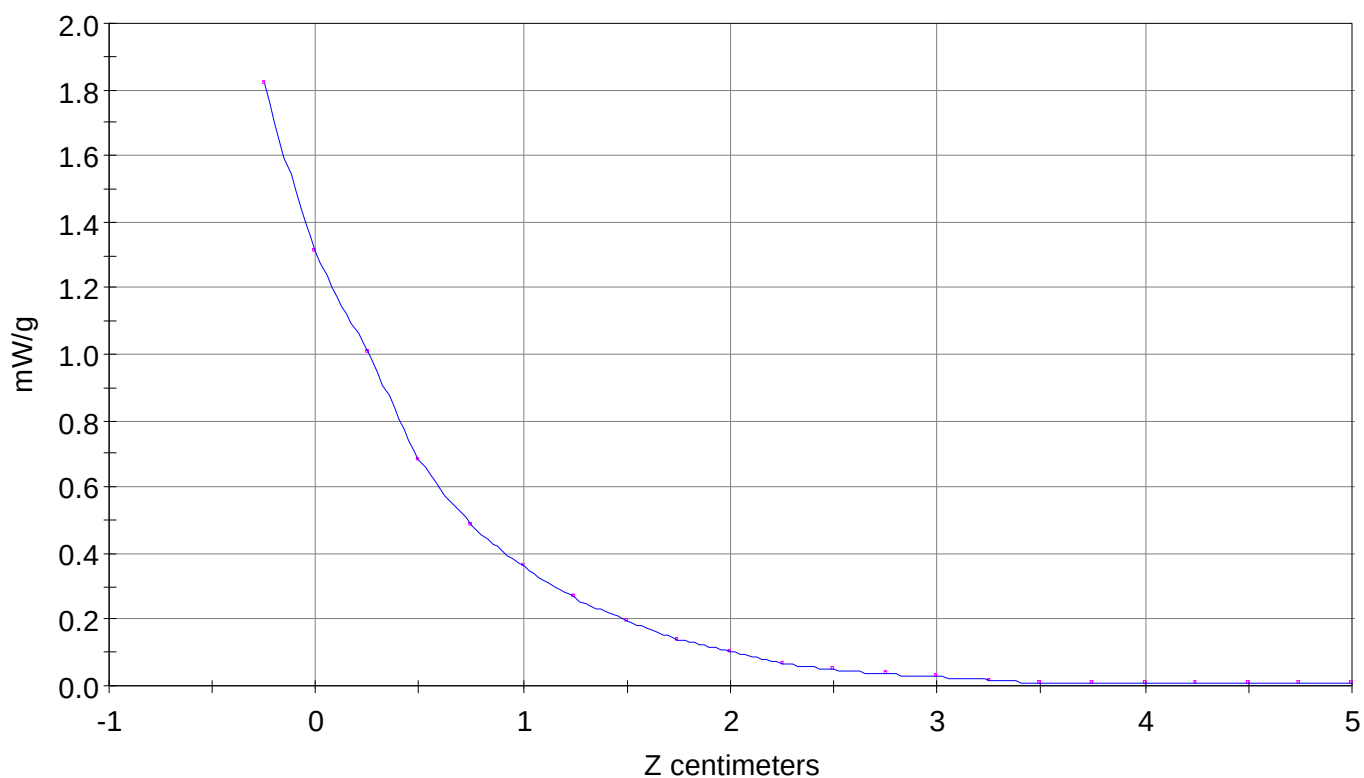
Calc. Voltage @ Surface (Vs) = 0.0143

Voltage @ 1.00 cm (Vt) = 0.0038

Ave. Voltage (Vs+Vt)/2 = 0.0090

Ave. SAR over 1 g (mW/g) = 1.1538

SAR Scan
File : 01021218_ZOOM
Start : 12-Feb-101 03:11:53 pm End : 12-Feb-101 03:22:15 pm
TELSON/PCM-1930/1;1851.25MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

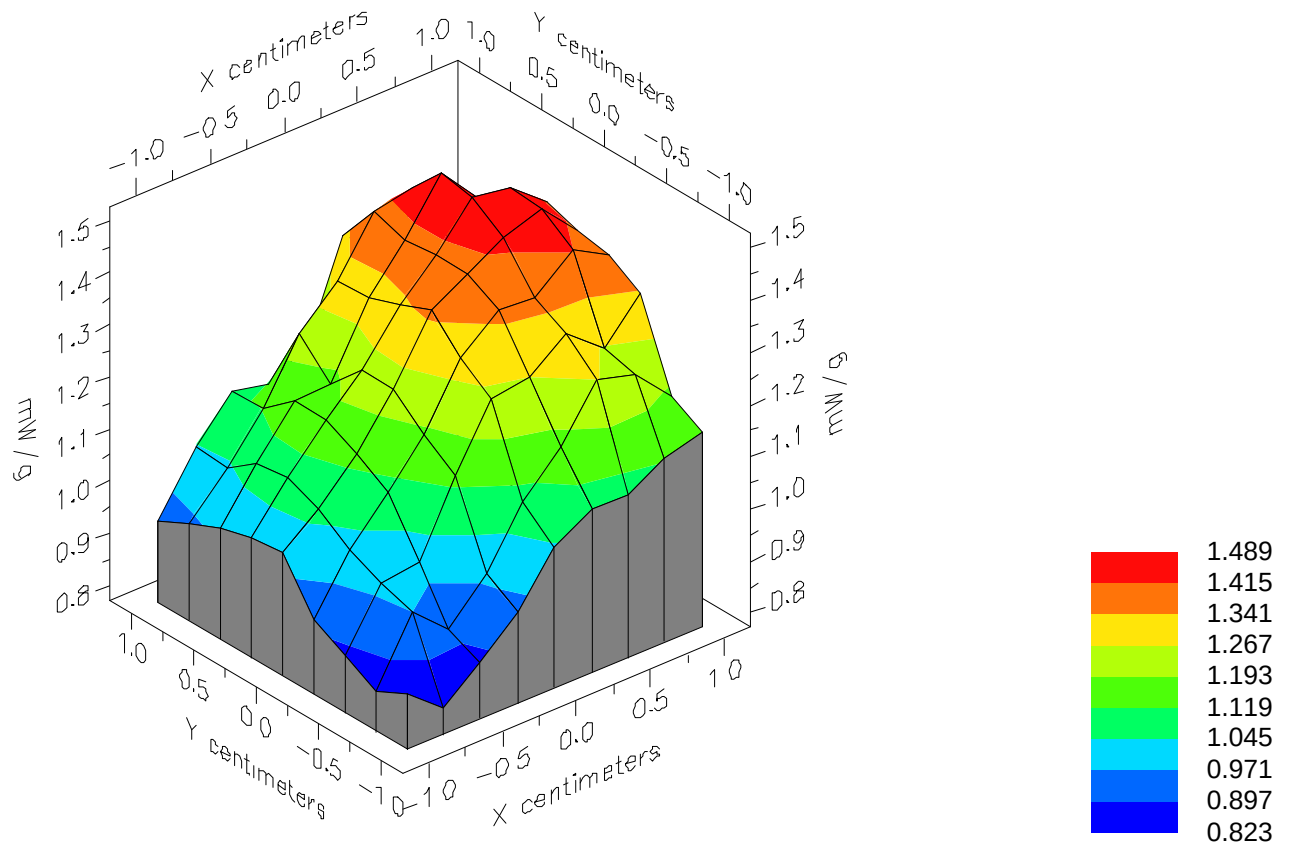


File : 01021218_ZOOM

Start : 12-Feb-101 03:11:53 pm End : 12-Feb-101 03:22:15 pm

TELSON/PCM-1930/1;1851.25MHz;W;Helical/Internal;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

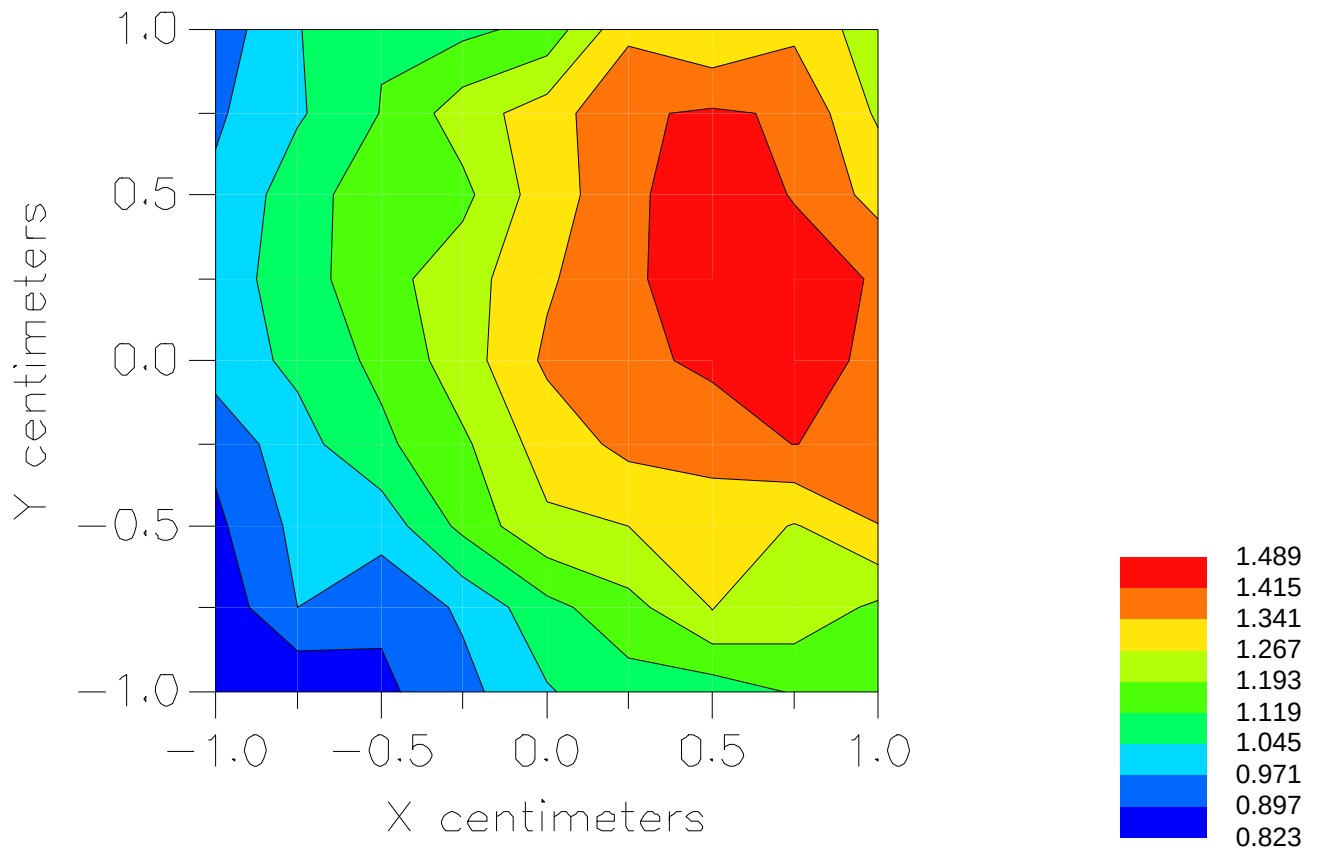


File : 01021218_ZOOM

Start : 12-Feb-101 03:11:53 pm End : 12-Feb-101 03:22:15 pm

TELSON/PCM-1930/1;1851.25MHz;W;Helical/Internal;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01021217_ZOOM.VLT
Start : 12-Feb-101 02:58:15 pm End : 12-Feb-101 03:08:35 pm

Radio Type : TELSON
Model Number : PCM-1930
Serial Number : 1
Frequency : 1880.00 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 = 54.200
Mixture Conductivity = 1.850

Comment :
TELSON WIRELESS PCS CDMA LAN CARD
CHAN 0600 Conducted 25.0 dBm
TELSON WIRELESS PCS CDMA LAN CARD

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 = 0.000, Z = 0.000 (cm) Value = 10.853

Measured Values (volts) =
1.068E-002 7.722E-003 5.250E-003 3.750E-003 2.779E-003 2.119E-003
1.583E-003 1.190E-003 8.008E-004 6.192E-004 4.607E-004 3.522E-004
2.746E-004 1.523E-004 9.987E-005 1.120E-004 3.680E-005 3.973E-005
4.836E-005 3.990E-005 4.406E-005

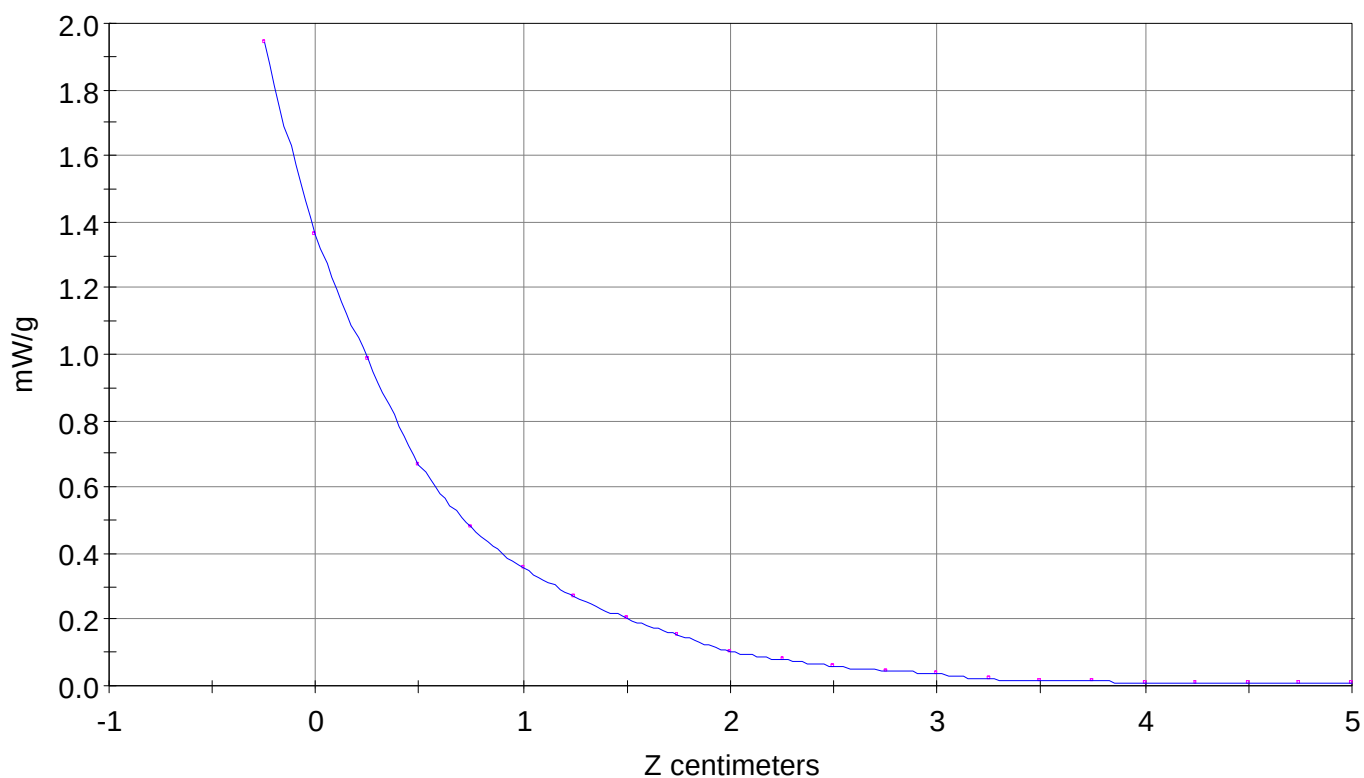
Calc. Voltage @ Surface (Vs) = 0.0152

Voltage @ 1.00 cm (Vt) = 0.0038

Ave. Voltage (Vs+Vt)/2 = 0.0095

Ave. SAR over 1 g (mW/g) = 1.2112

SAR Scan
File : 01021217_ZOOM
Start : 12-Feb-101 02:58:15 pm End : 12-Feb-101 03:08:35 pm
TELSON/PCM-1930/1;1880.00MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

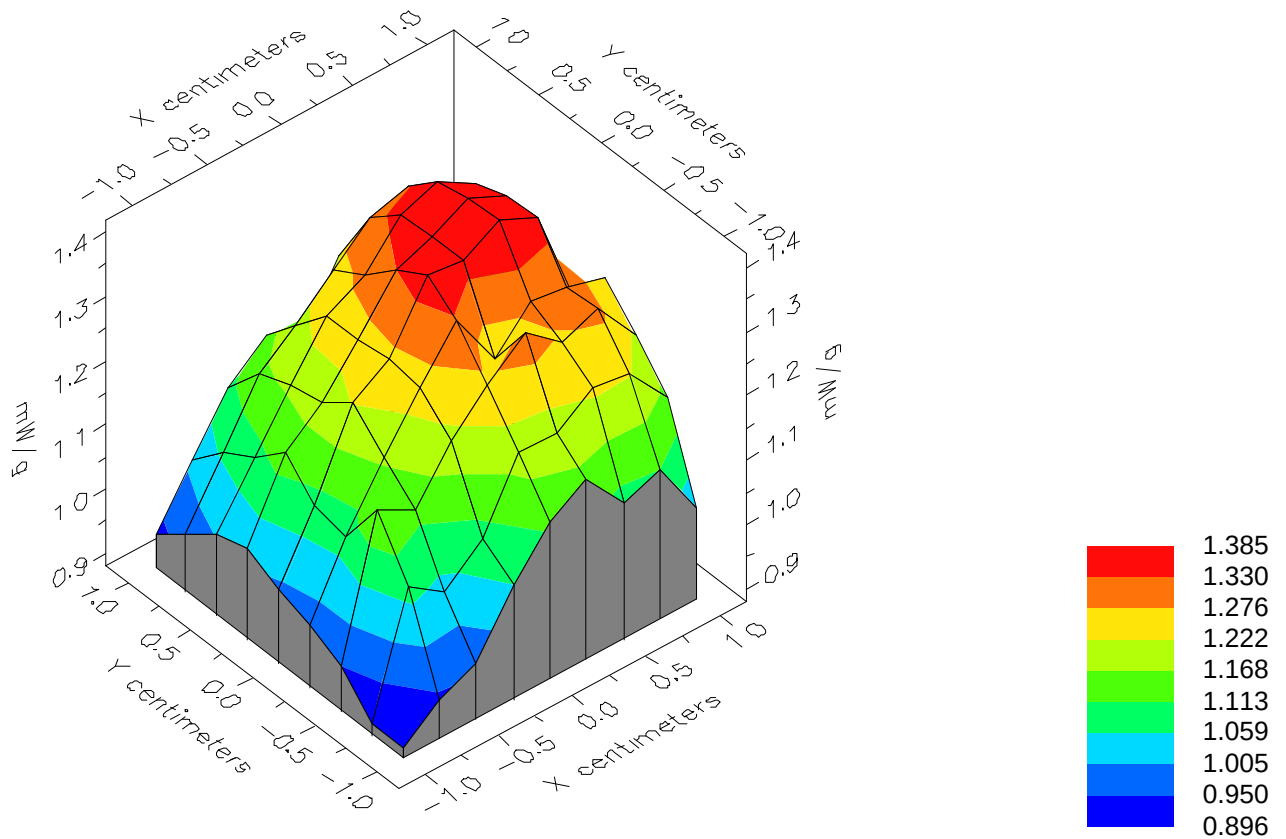


File : 01021217_ZOOM

Start : 12-Feb-101 02:58:15 pm End : 12-Feb-101 03:08:35 pm

TELSON/PCM-1930/1;1880.00MHz;W;Helical/Internal;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

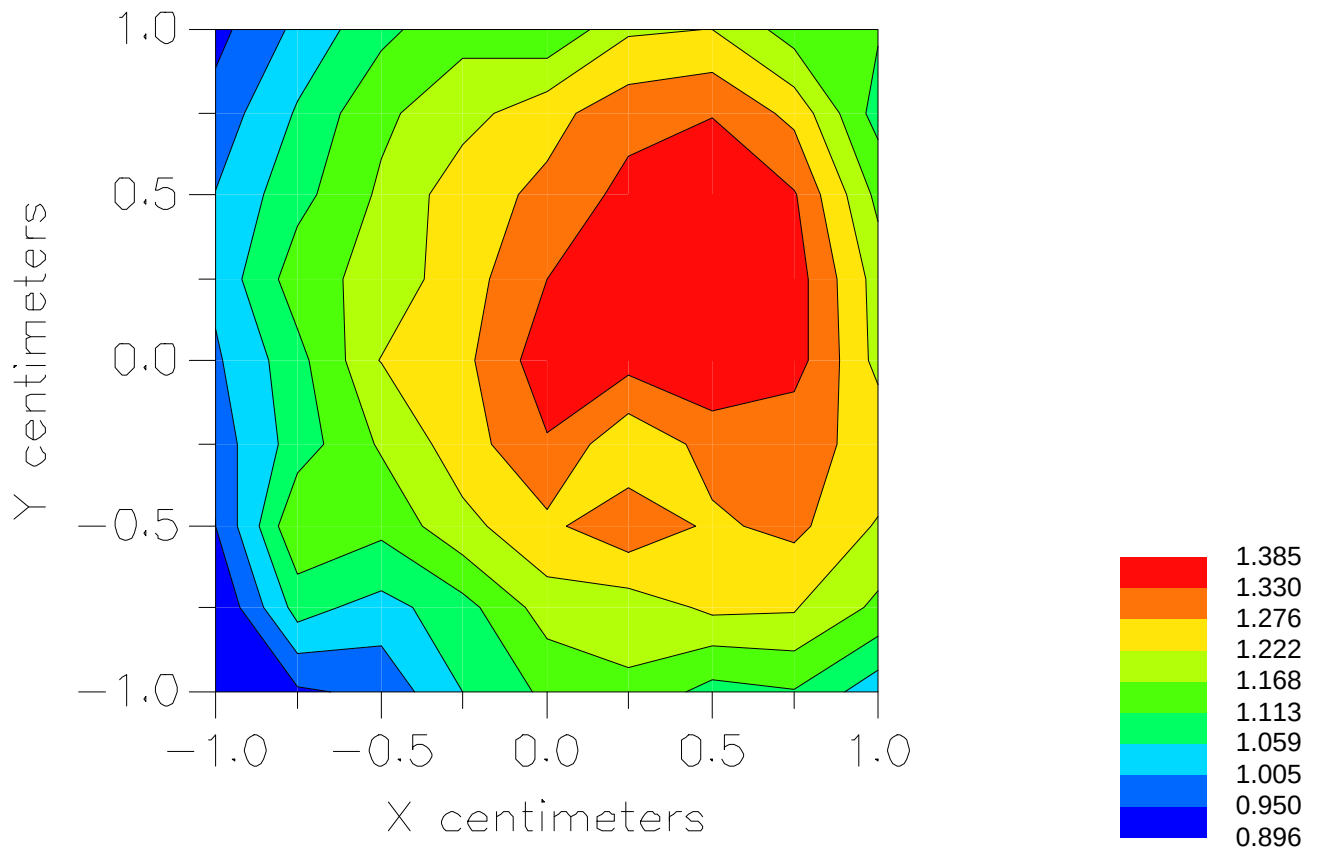


File : 01021217_ZOOM

Start : 12-Feb-101 02:58:15 pm End : 12-Feb-101 03:08:35 pm

TELSON/PCM-1930/1;1880.00MHz;W;Helical/Internal;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01021216_ZOOM.VLT
Start : 12-Feb-101 02:45:47 pm End : 12-Feb-101 02:55:57 pm

Radio Type : TELSON
Model Number : PCM-1930
Serial Number : 1
Frequency : 1908.75 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 = 54.200
Mixture Conductivity = 1.850

Comment :
TELSON WIRELESS PCS CDMA LAN CARD
CHAN 1175 Conducted 25.0 dBm
TELSON WIRELESS PCS CDMA LAN CARD

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 = 0.500, Z = 0.000 (cm) Value = 14.150

Measured Values (volts) =
1.262E-002 9.335E-003 6.345E-003 4.603E-003 3.359E-003 2.542E-003
1.829E-003 1.378E-003 1.001E-003 7.665E-004 4.920E-004 3.634E-004
2.934E-004 2.004E-004 1.330E-004 9.838E-005 6.491E-005 1.048E-004
3.550E-005 4.603E-005 1.861E-005

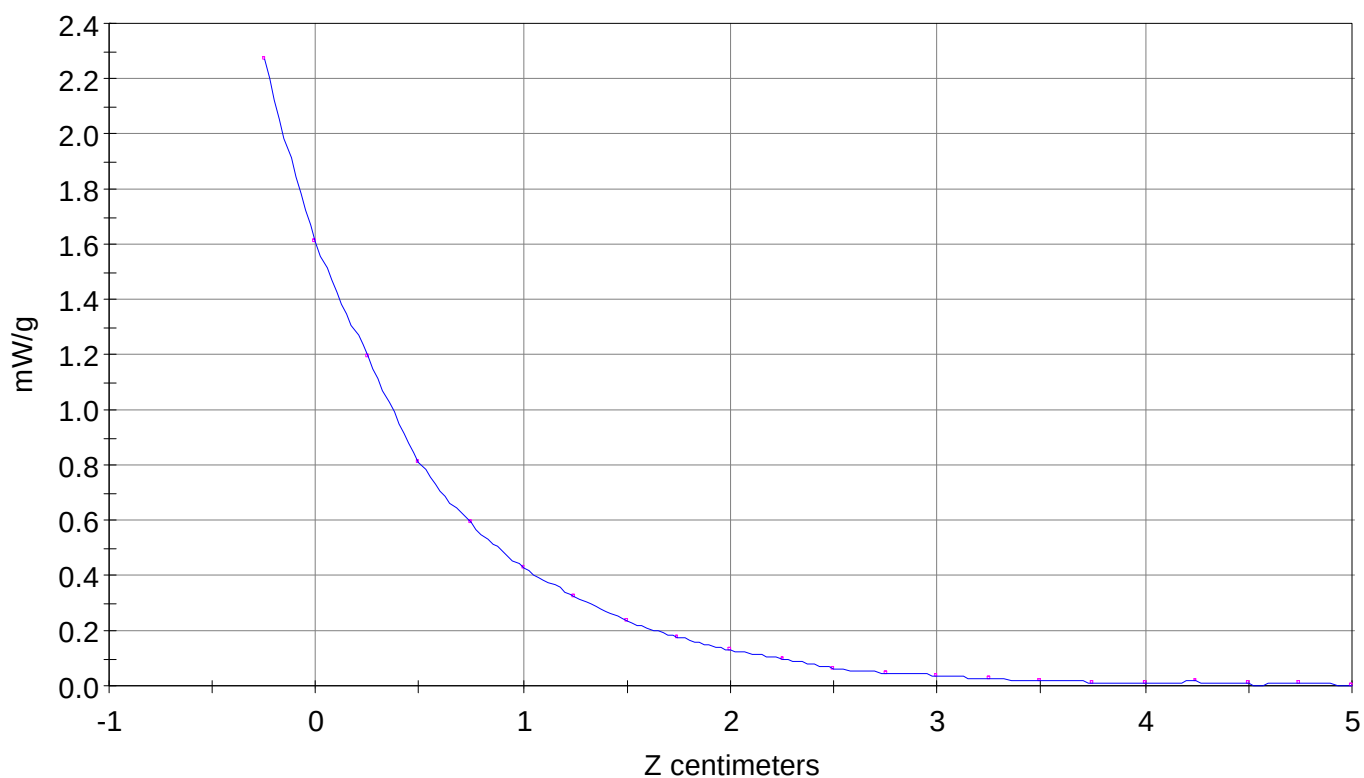
Calc. Voltage @ Surface (Vs) = 0.0178

Voltage @ 1.00 cm (Vt) = 0.0046

Ave. Voltage (Vs+Vt)/2 = 0.0112

Ave. SAR over 1 g (mW/g) = 1.4306

SAR Scan
File : 01021216_ZOOM
Start : 12-Feb-101 02:45:47 pm End : 12-Feb-101 02:55:57 pm
TELSON/PCM-1930/1;1908.75MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

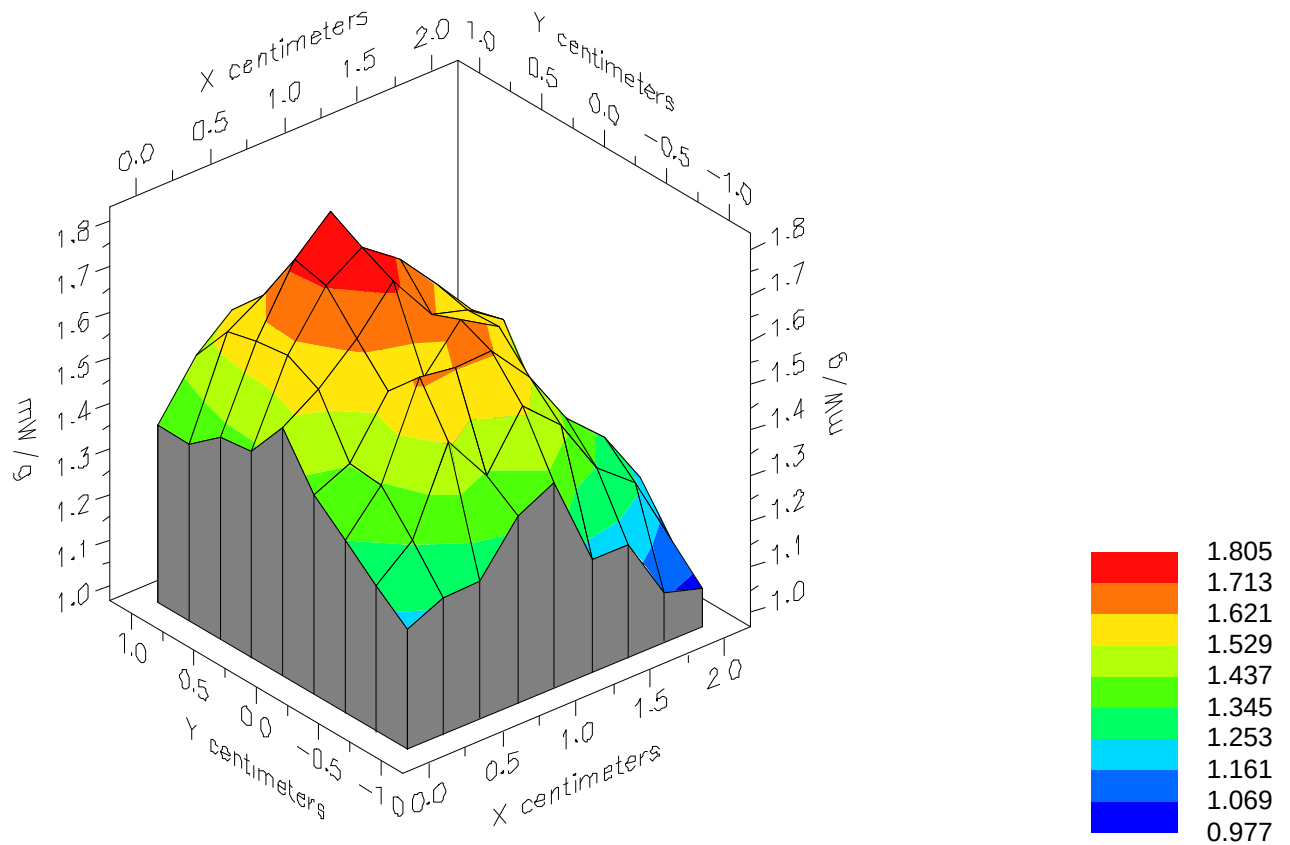


File : 01021216_ZOOM

Start : 12-Feb-101 02:45:47 pm End : 12-Feb-101 02:55:57 pm

TELSON/PCM-1930/1;1908.75MHz;W;Helical/Internal;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 01021216_ZOOM

Start : 12-Feb-101 02:45:47 pm End : 12-Feb-101 02:55:57 pm

TELSON/PCM-1930/1;1908.75MHz;W;Helical/Internal;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

