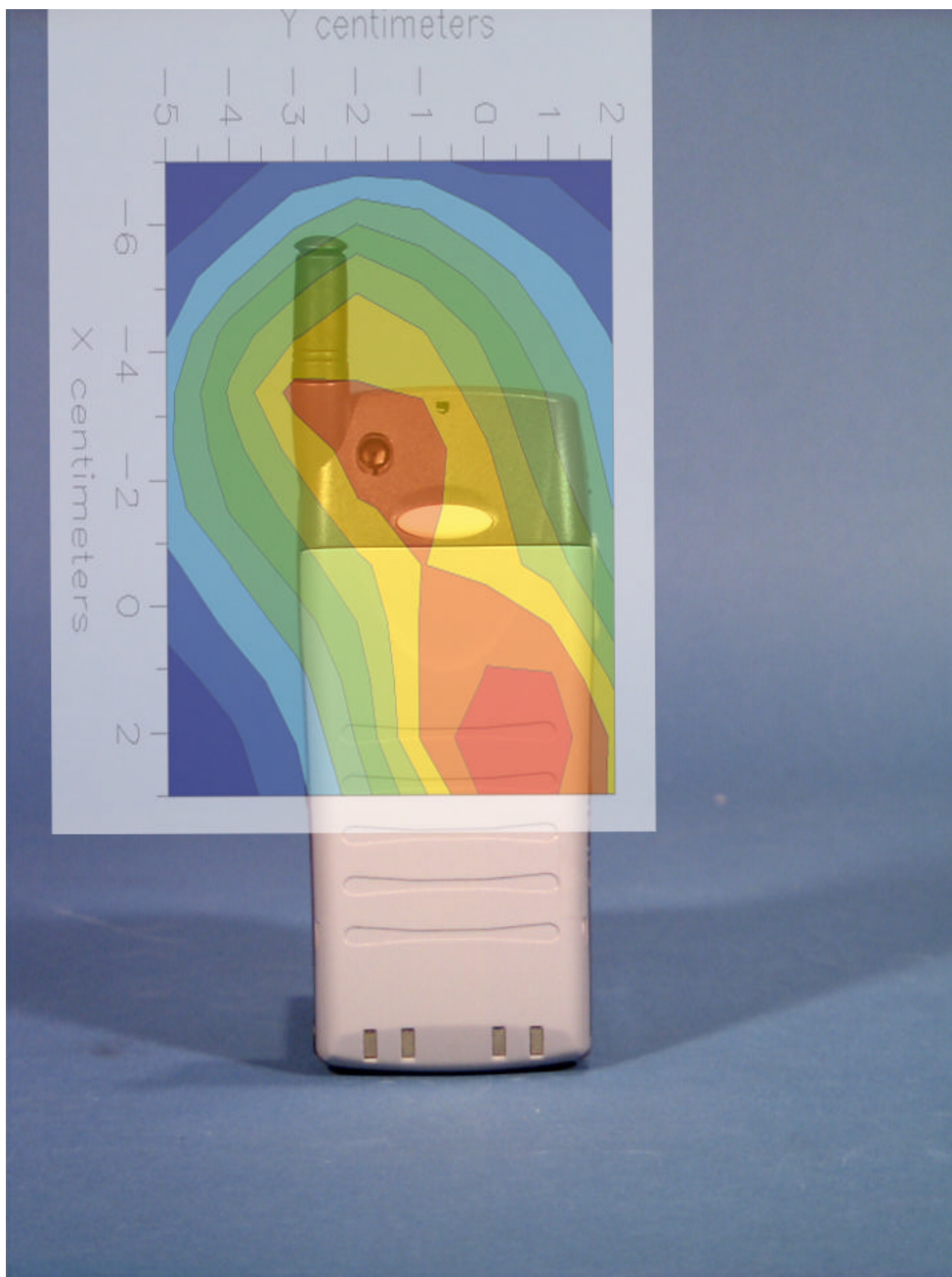


ATTACHMENT O – SAR TEST DATA

Peak SAR Location

AMPS Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01011628_ZOOM.VLT
Start : 16-Jan-101 05:54:30 pm End : 16-Jan-101 06:07:21 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr : 0.500 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.0 dBm
SEWON TRI-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 = 0.500, Y = -1.000, Z = 0.000 (cm) Value = 11.704

Measured Values (volts) =
1.122E-002 9.539E-003 8.814E-003 8.572E-003 8.463E-003 7.930E-003
7.112E-003 5.679E-003 4.307E-003 2.969E-003 2.157E-003 1.390E-003
1.389E-003 1.996E-003 2.794E-003 3.587E-003 3.778E-003 3.107E-003
2.186E-003 2.080E-003 8.149E-004

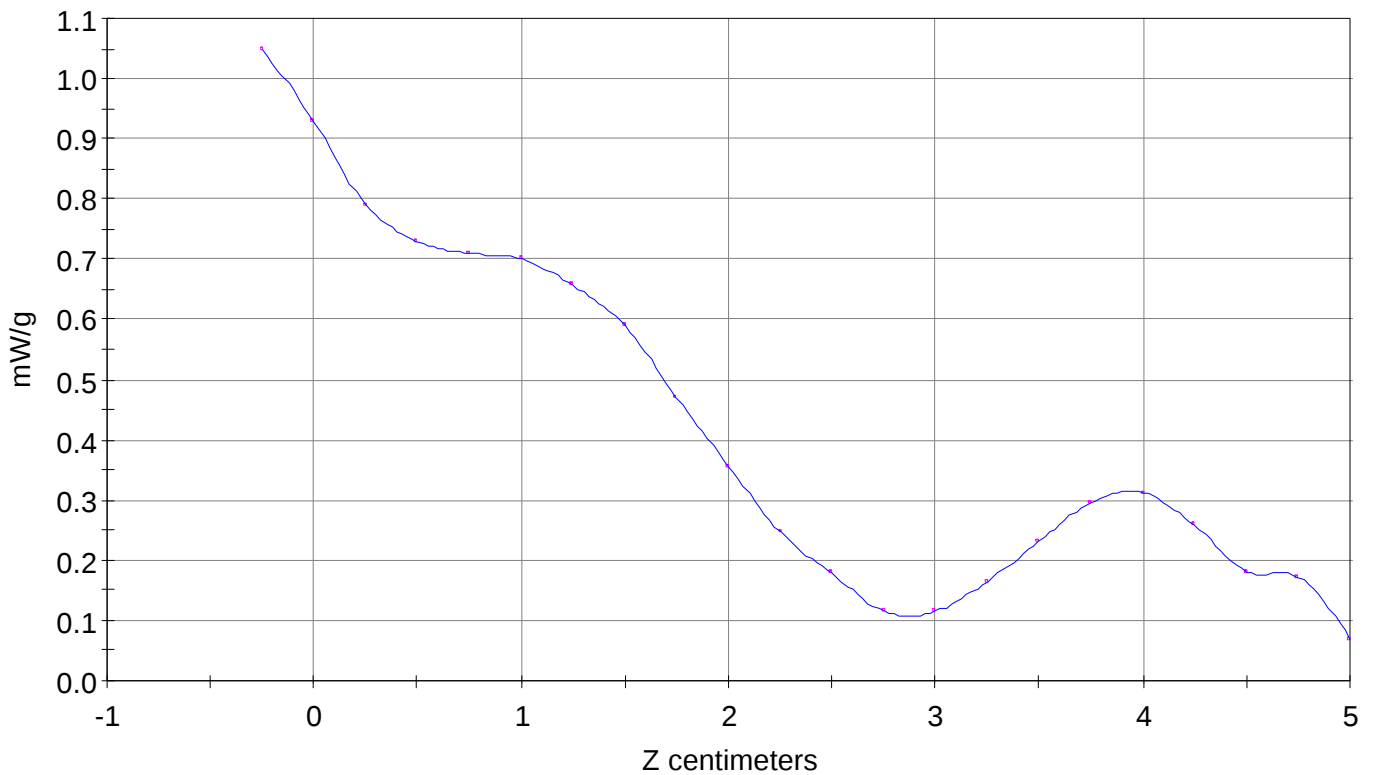
Calc. Voltage @ Surface (Vs) = 0.0127

Voltage @ 1.00 cm (Vt) = 0.0086

Ave. Voltage (Vs+Vt)/2 = 0.0106

Ave. SAR over 1 g (mW/g) = 0.8788

SAR Scan
File : 01011628_ZOOM
Start : 16-Jan-101 05:54:30 pm End : 16-Jan-101 06:07:21 pm
SEWON/SWT-1000/1;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

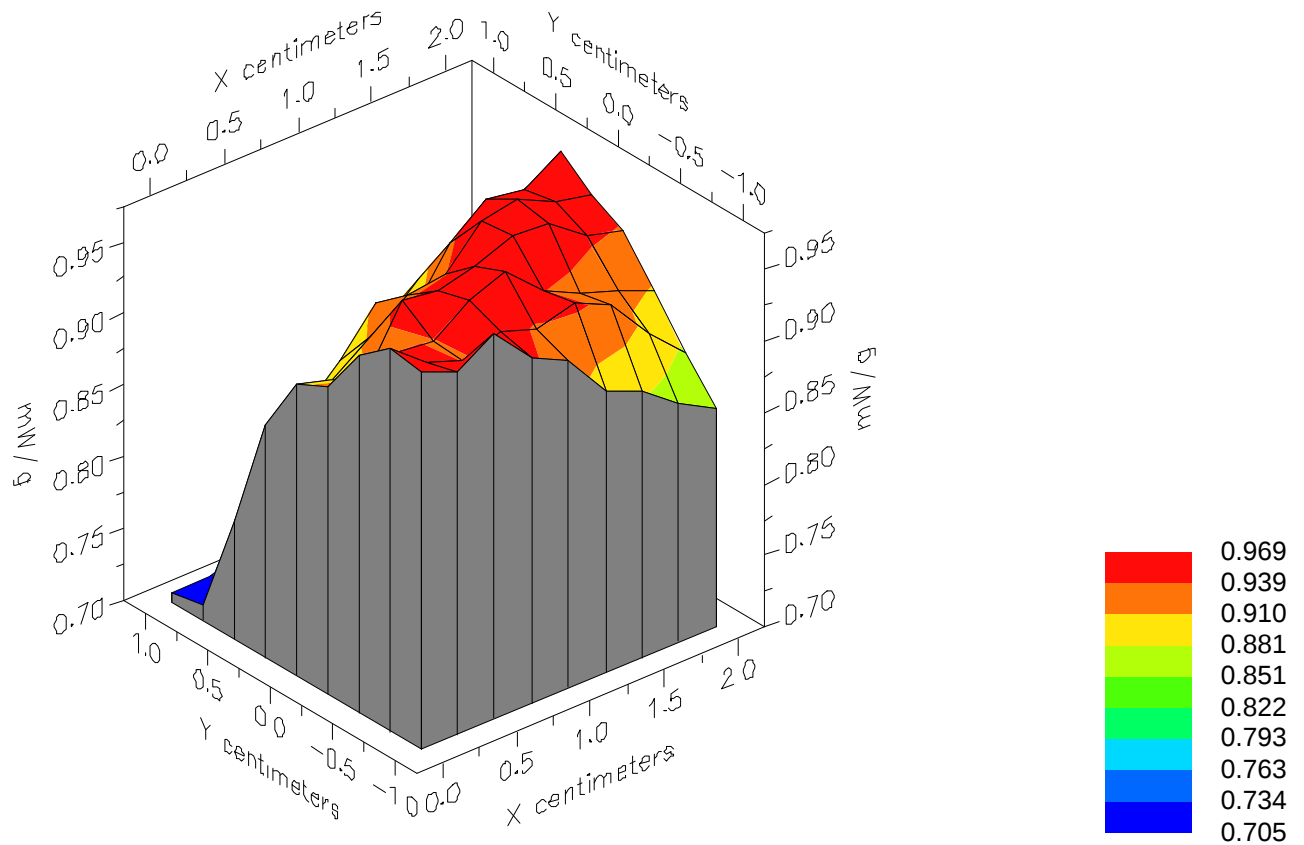


File : 01011628_ZOOM

Start : 16-Jan-101 05:54:30 pm End : 16-Jan-101 06:07:21 pm

SEWON/SWT-1000/1;824.04MHz;W;Helical/In;

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

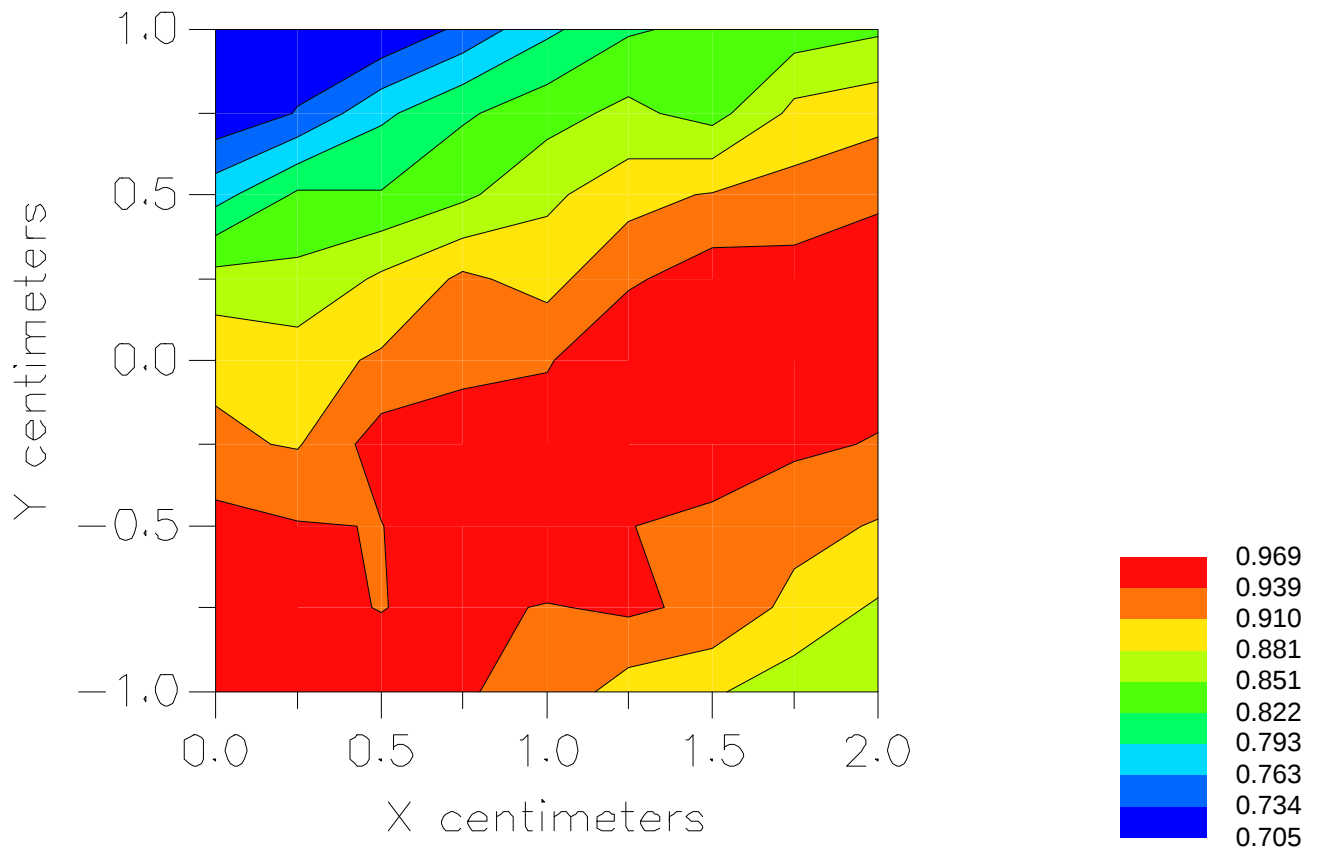


File : 01011628_ZOOM

Start : 16-Jan-101 05:54:30 pm End : 16-Jan-101 06:07:21 pm

SEWON/SWT-1000/1;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/01011627_ZOOM.VLT
Start : 16-Jan-101 05:40:13 pm End : 16-Jan-101 05:52:56 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr: 0.500 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.0 dBm
SEWON TRI-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 = 1.500, Y = -0.250, Z = 0.000 (cm) Value = 9.148

Measured Values (volts) =
8.956E-003 7.224E-003 6.168E-003 5.722E-003 5.621E-003 5.683E-003
5.569E-003 5.153E-003 4.445E-003 3.513E-003 2.485E-003 1.504E-003
8.993E-004 7.768E-004 1.079E-003 1.675E-003 2.251E-003 2.532E-003
2.242E-003 1.741E-003 1.667E-003

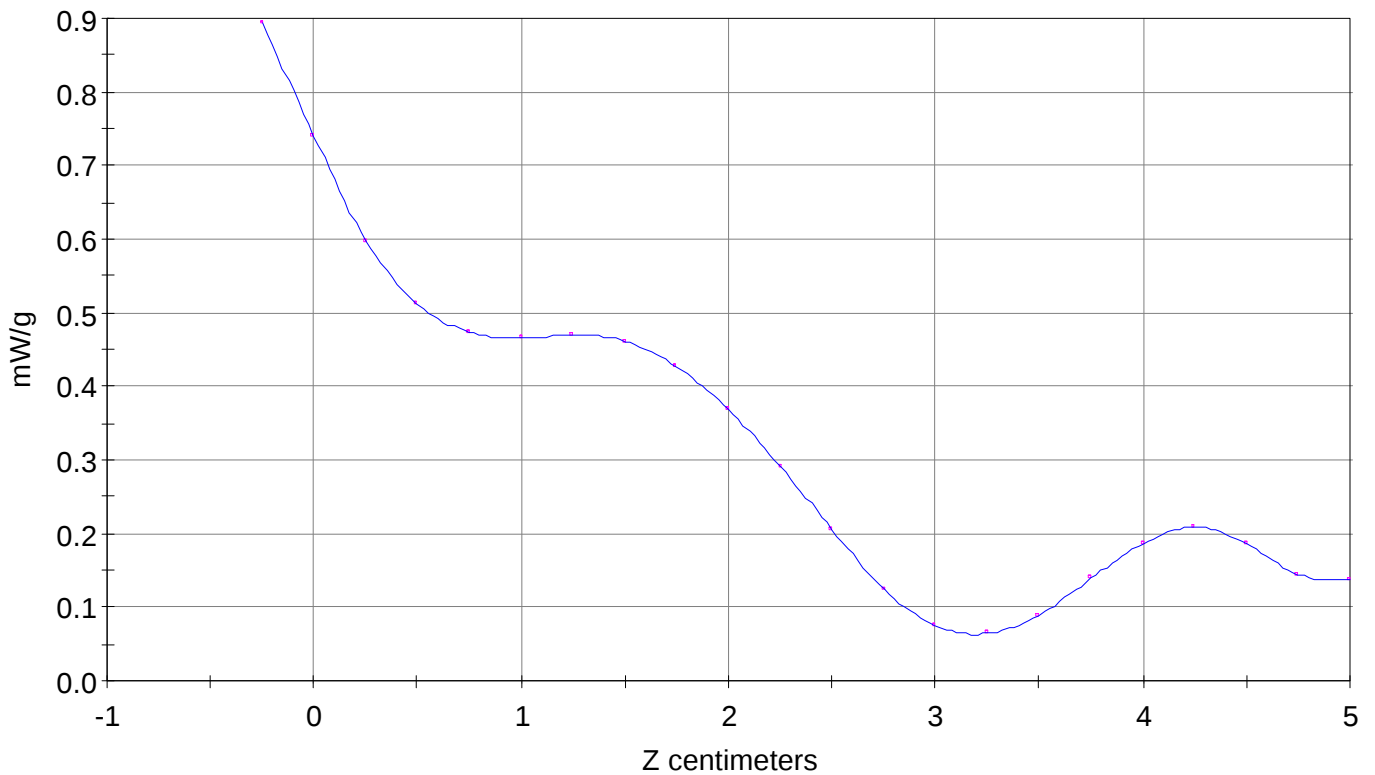
Calc. Voltage @ Surface (Vs) = 0.0108

Voltage @ 1.00 cm (Vt) = 0.0057

Ave. Voltage (Vs+Vt)/2 = 0.0083

Ave. SAR over 1 g (mW/g) = 0.6837

SAR Scan
File : 01011627_ZOOM
Start : 16-Jan-101 05:40:13 pm End : 16-Jan-101 05:52:56 pm
SEWON/SWT-1000/1;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

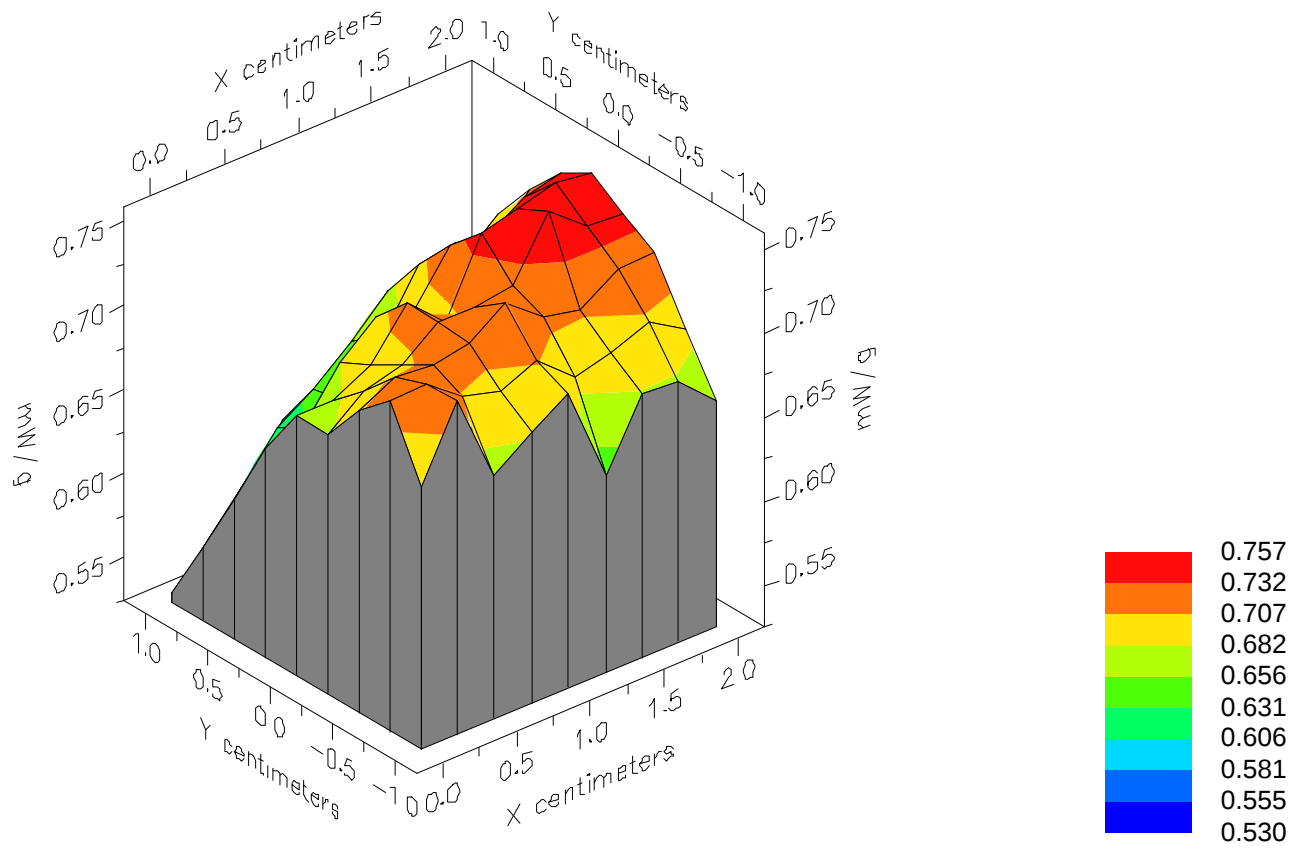


File : 01011627_ZOOM

Start : 16-Jan-101 05:40:13 pm End : 16-Jan-101 05:52:56 pm

SEWON/SWT-1000/1;824.04MHz;W;Helical/Out;

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

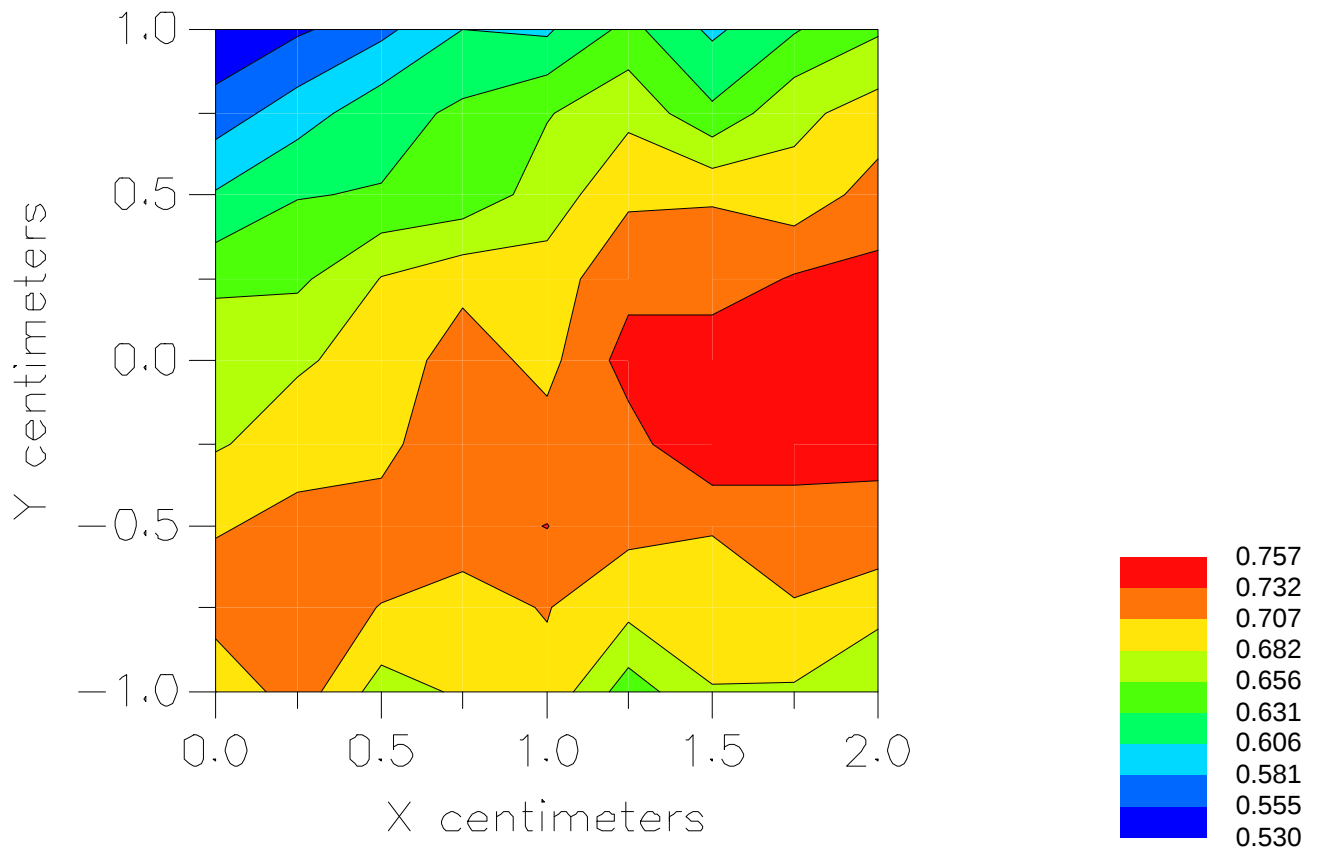


File : 01011627_ZOOM

Start : 16-Jan-101 05:40:13 pm End : 16-Jan-101 05:52:56 pm

SEWON/SWT-1000/1;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/01011622_ZOOM.VLT
Start : 16-Jan-101 04:47:06 pm End : 16-Jan-101 04:55:44 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr : 0.500 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.0 dBm
SEWON TRI-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 = -0.250, Z = 0.000 (cm) Value = 14.188

Measured Values (volts) =
1.419E-002 1.118E-002 9.167E-003 7.975E-003 7.414E-003 7.121E-003
7.002E-003 6.644E-003 5.961E-003 4.981E-003 3.754E-003 2.511E-003
1.521E-003 1.062E-003 1.113E-003 1.582E-003 2.198E-003 2.641E-003
2.541E-003 1.965E-003 1.764E-003

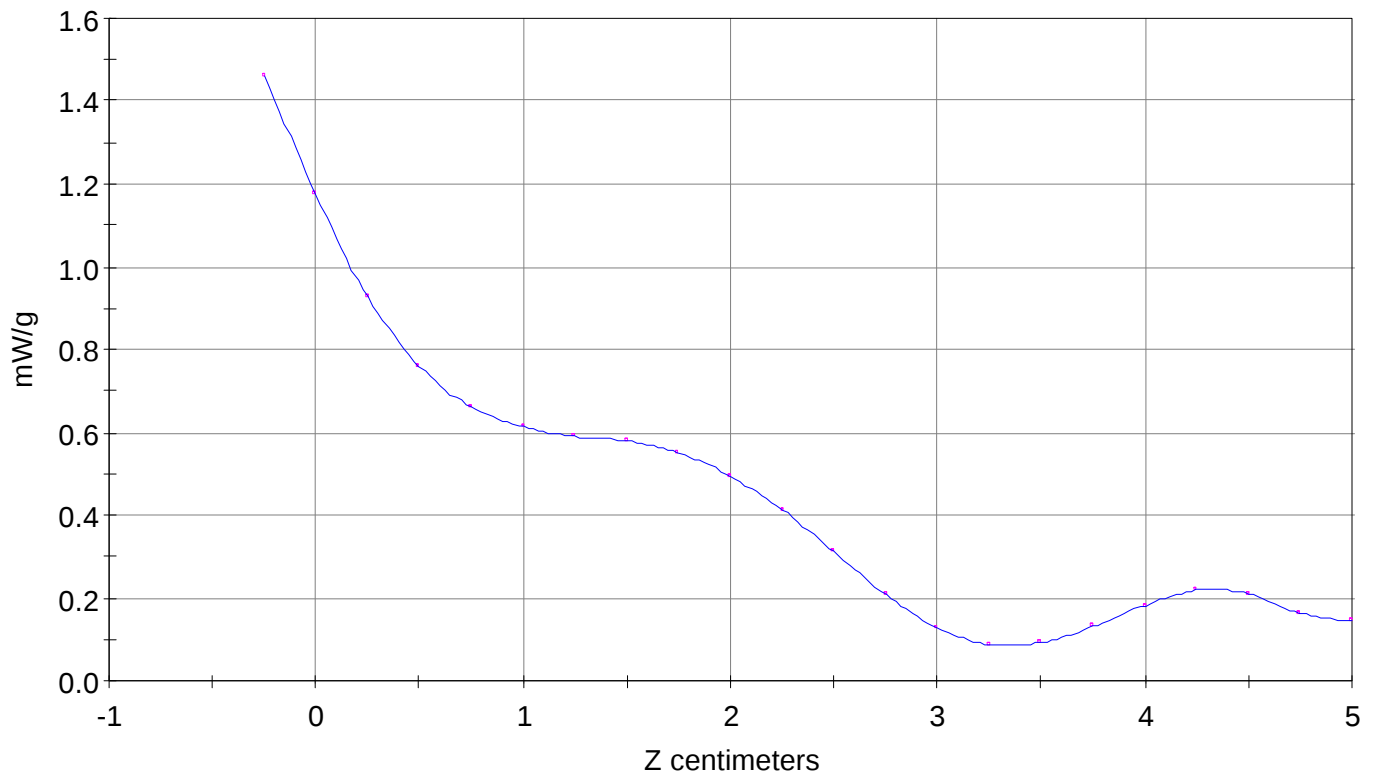
Calc. Voltage @ Surface (Vs) = 0.0177

Voltage @ 1.00 cm (Vt) = 0.0080

Ave. Voltage (Vs+Vt)/2 = 0.0128

Ave. SAR over 1 g (mW/g) = 1.0613

SAR Scan
File : 01011622_ZOOM
Start : 16-Jan-101 04:47:06 pm End : 16-Jan-101 04:55:44 pm
SEWON/SWT-1000/1;836.49MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

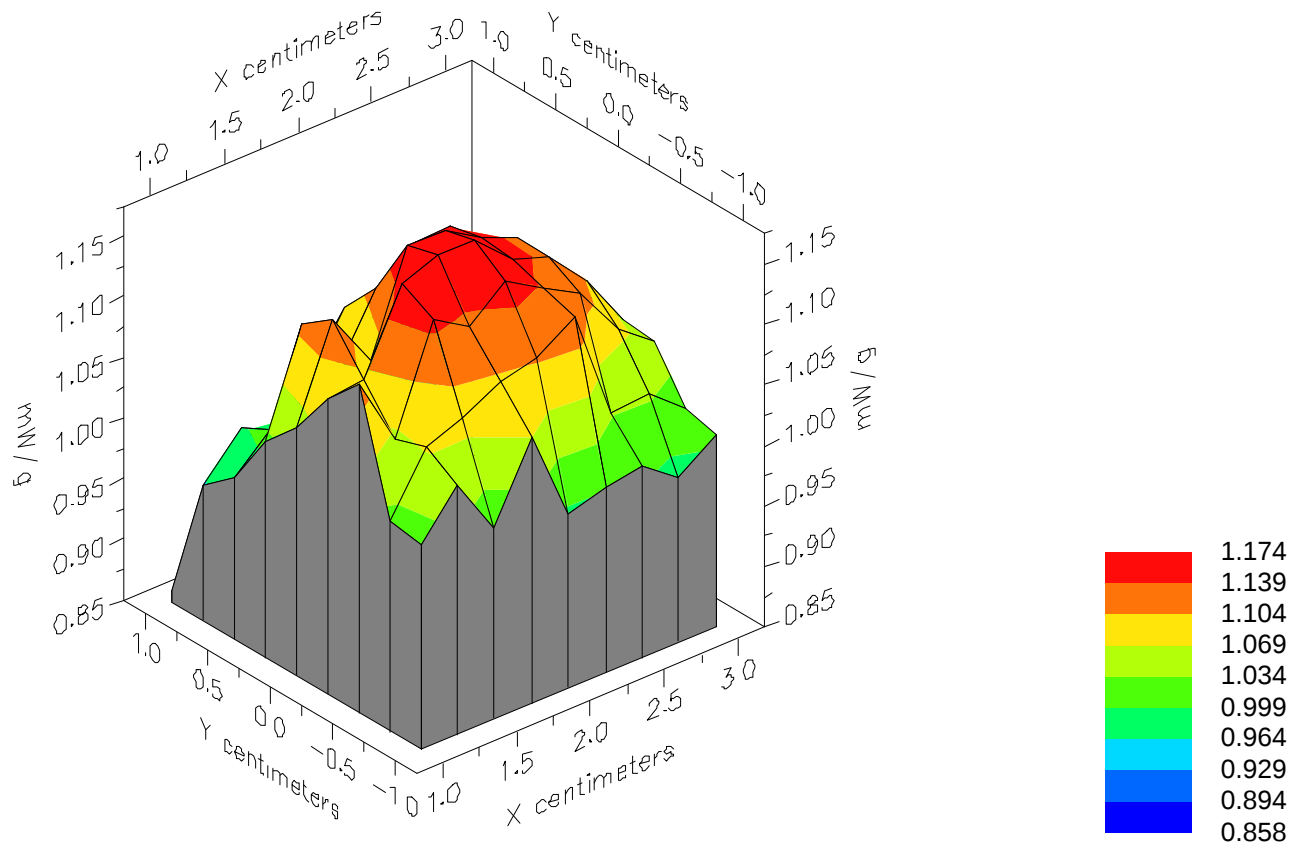


File : 01011622_ZOOM

Start : 16-Jan-101 04:47:06 pm End : 16-Jan-101 04:55:44 pm

SEWON/SWT-1000/1;836.49MHz;W;Helical/In;

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

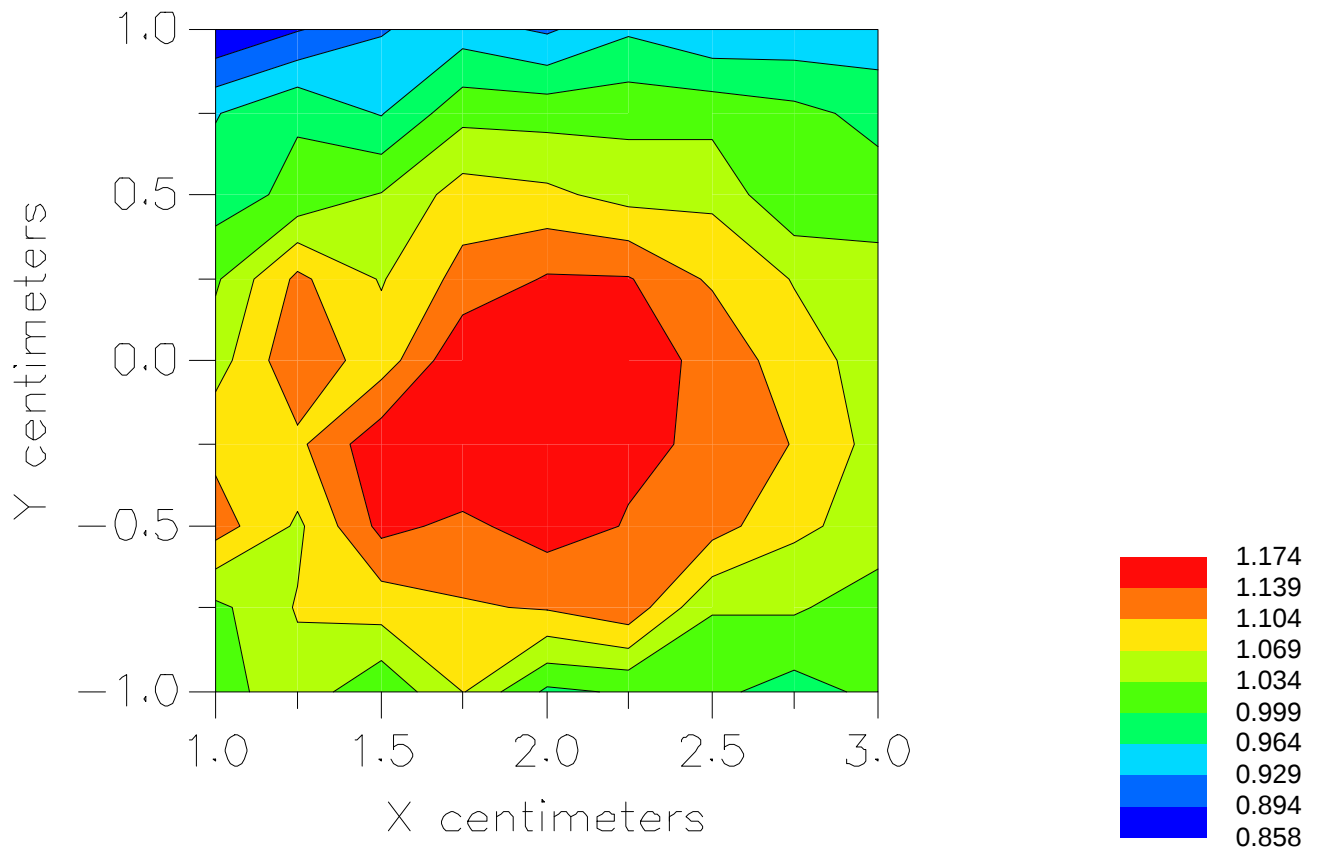


File : 01011622_ZOOM

Start : 16-Jan-101 04:47:06 pm End : 16-Jan-101 04:55:44 pm

SEWON/SWT-1000/1;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/01011621_ZOOM.VLT
Start : 16-Jan-101 04:23:47 pm End : 16-Jan-101 04:36:52 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr: 0.500 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.0 dBm
SEWON TRI-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 = 0.000, Z = 0.000 (cm) Value = 14.347

Measured Values (volts) =
1.395E-002 1.255E-002 9.733E-003 8.254E-003 7.457E-003 7.059E-003
7.037E-003 6.815E-003 6.340E-003 5.589E-003 4.516E-003 3.131E-003
2.001E-003 1.329E-003 1.124E-003 1.365E-003 1.977E-003 2.562E-003
2.817E-003 2.471E-003 1.813E-003

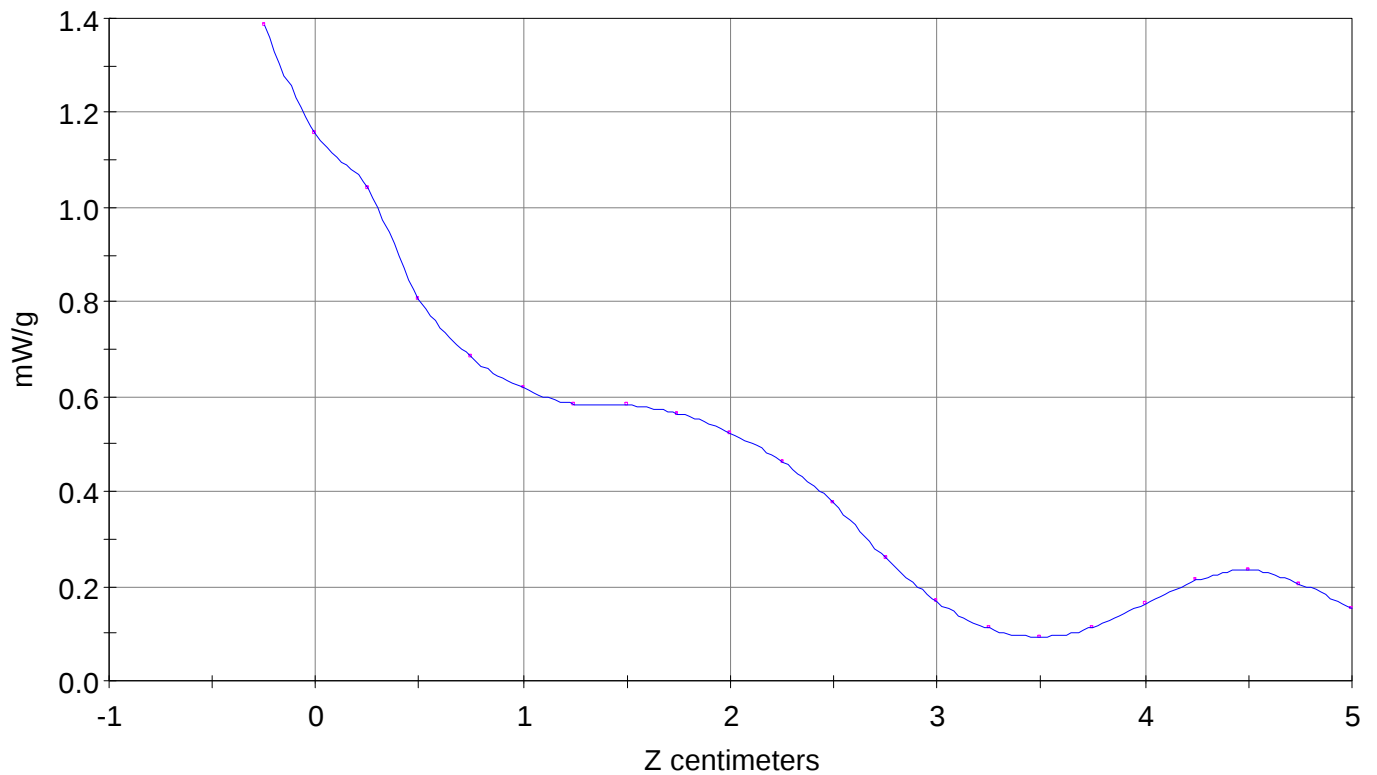
Calc. Voltage @ Surface (Vs) = 0.0168

Voltage @ 1.00 cm (Vt) = 0.0083

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

Ave. SAR over 1 g (mW/g) = 1.0351

SAR Scan
File : 01011621_ZOOM
Start : 16-Jan-101 04:23:47 pm End : 16-Jan-101 04:36:52 pm
SEWON/SWT-1000/1;836.49MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

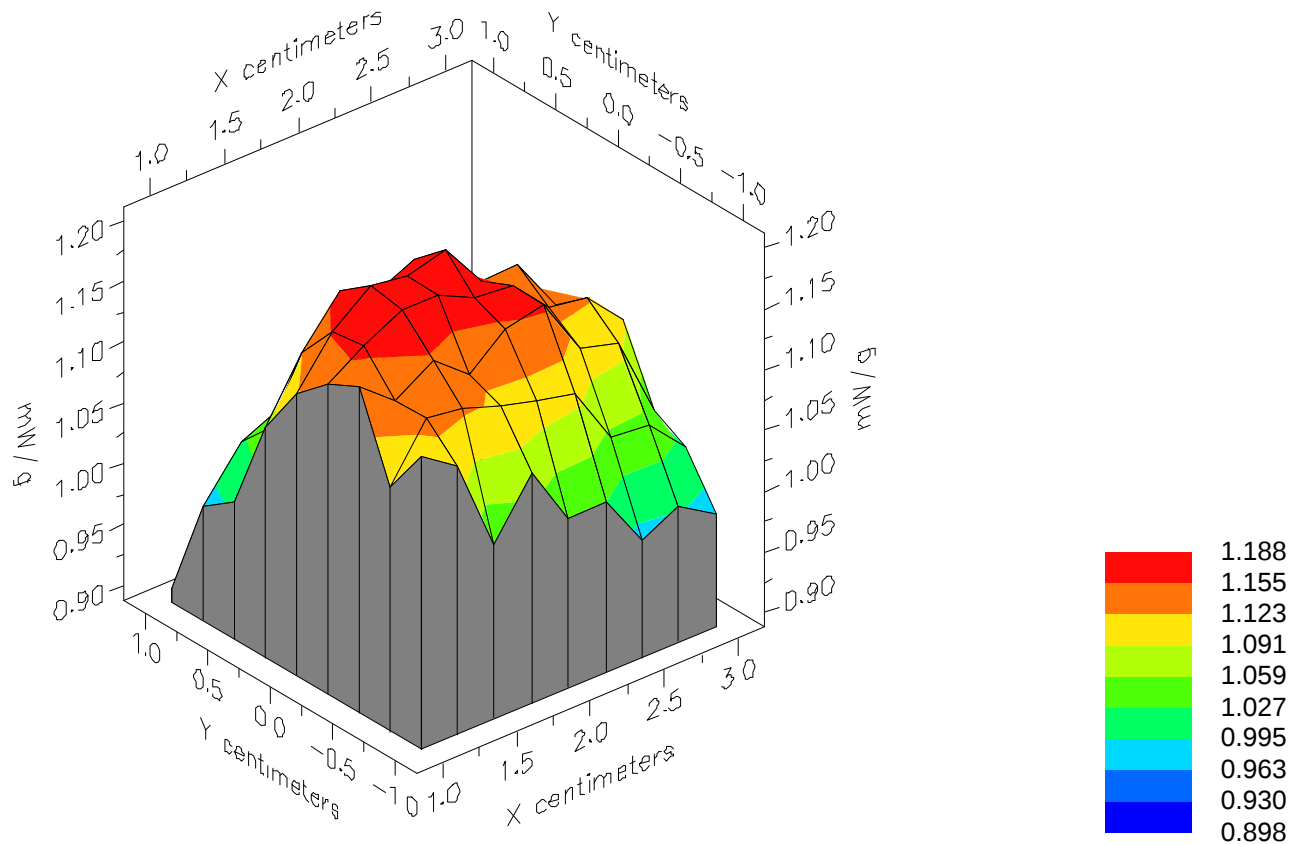


File : 01011621_ZOOM

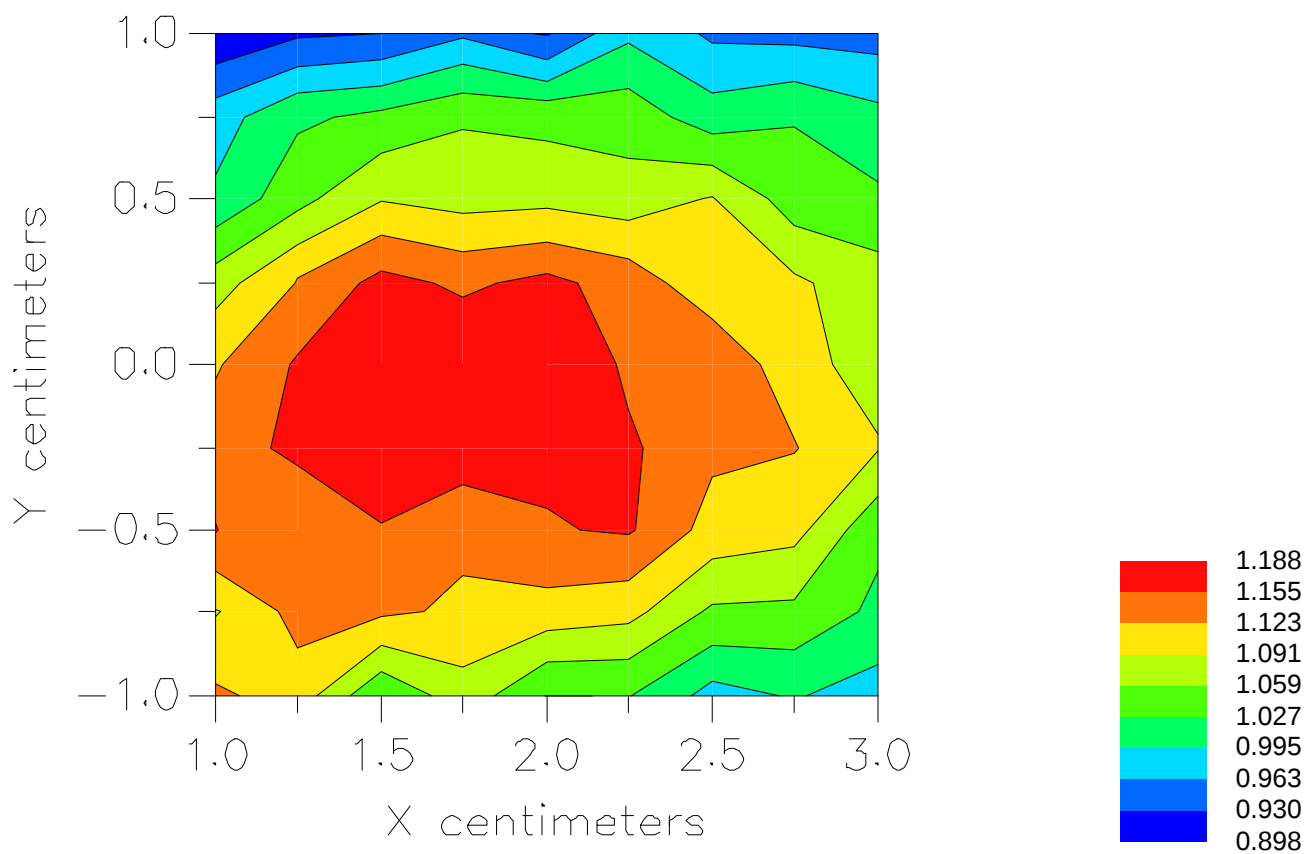
Start : 16-Jan-101 04:23:47 pm End : 16-Jan-101 04:36:52 pm

SEWON/SWT-1000/1;836.49MHz;W;Helical/Out;

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



File : 01011621_ZOOM
Start : 16-Jan-101 04:23:47 pm End : 16-Jan-101 04:36:52 pm
SEWON/SWT-1000/1;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/01011625_ZOOM.VLT
Start : 16-Jan-101 05:13:13 pm End : 16-Jan-101 05:21:18 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr: 0.500 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.0 dBm
SEWON TRI-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 = 1.500, Y = -0.250, Z = 0.000 (cm) Value = 13.877

Measured Values (volts) =
1.385E-002 1.130E-002 9.552E-003 8.534E-003 8.238E-003 8.137E-003
7.980E-003 7.423E-003 6.544E-003 5.236E-003 3.750E-003 2.268E-003
1.470E-003 1.211E-003 1.564E-003 2.264E-003 3.117E-003 3.569E-003
3.167E-003 2.376E-003 2.119E-003

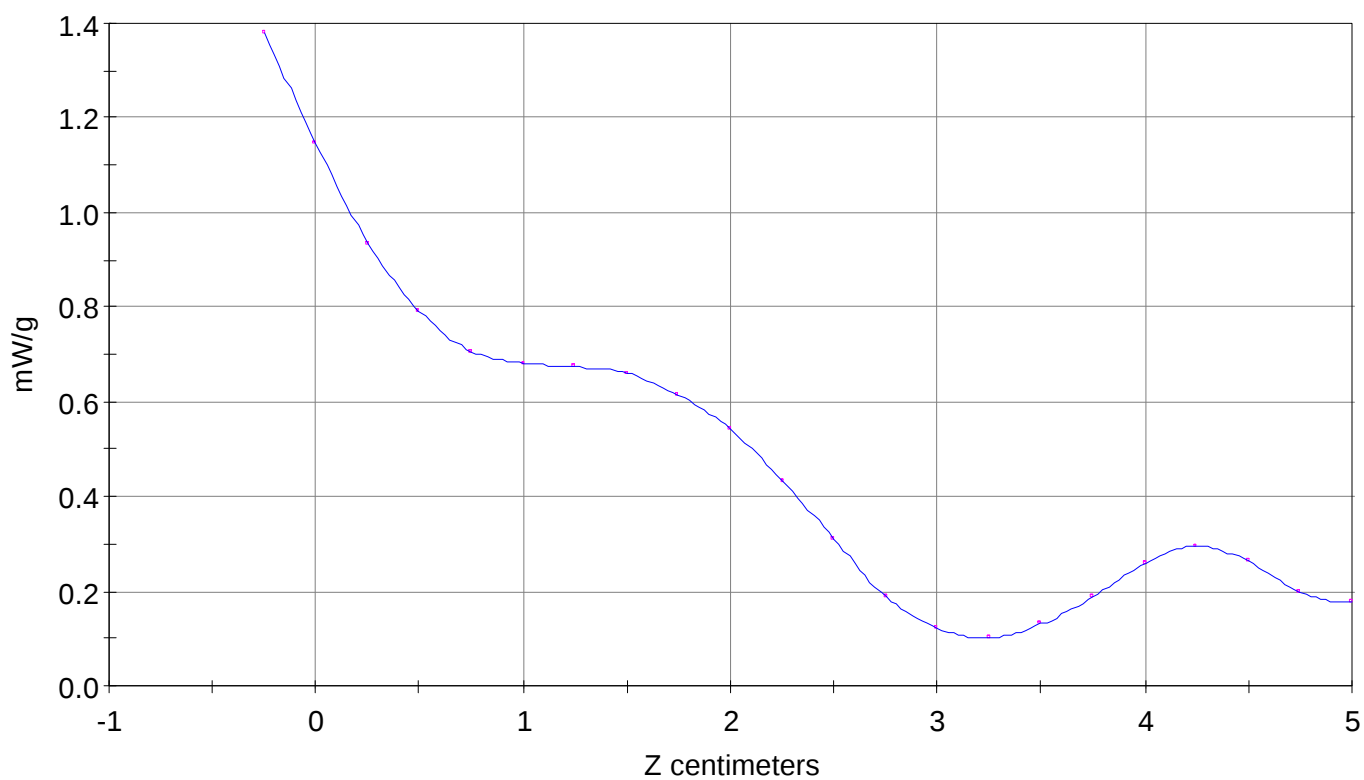
Calc. Voltage @ Surface (Vs) = 0.0167

Voltage @ 1.00 cm (Vt) = 0.0085

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

Ave. SAR over 1 g (mW/g) = 1.0435

SAR Scan
File : 01011625_ZOOM
Start : 16-Jan-101 05:13:13 pm End : 16-Jan-101 05:21:18 pm
SEWON/SWT-1000/1;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

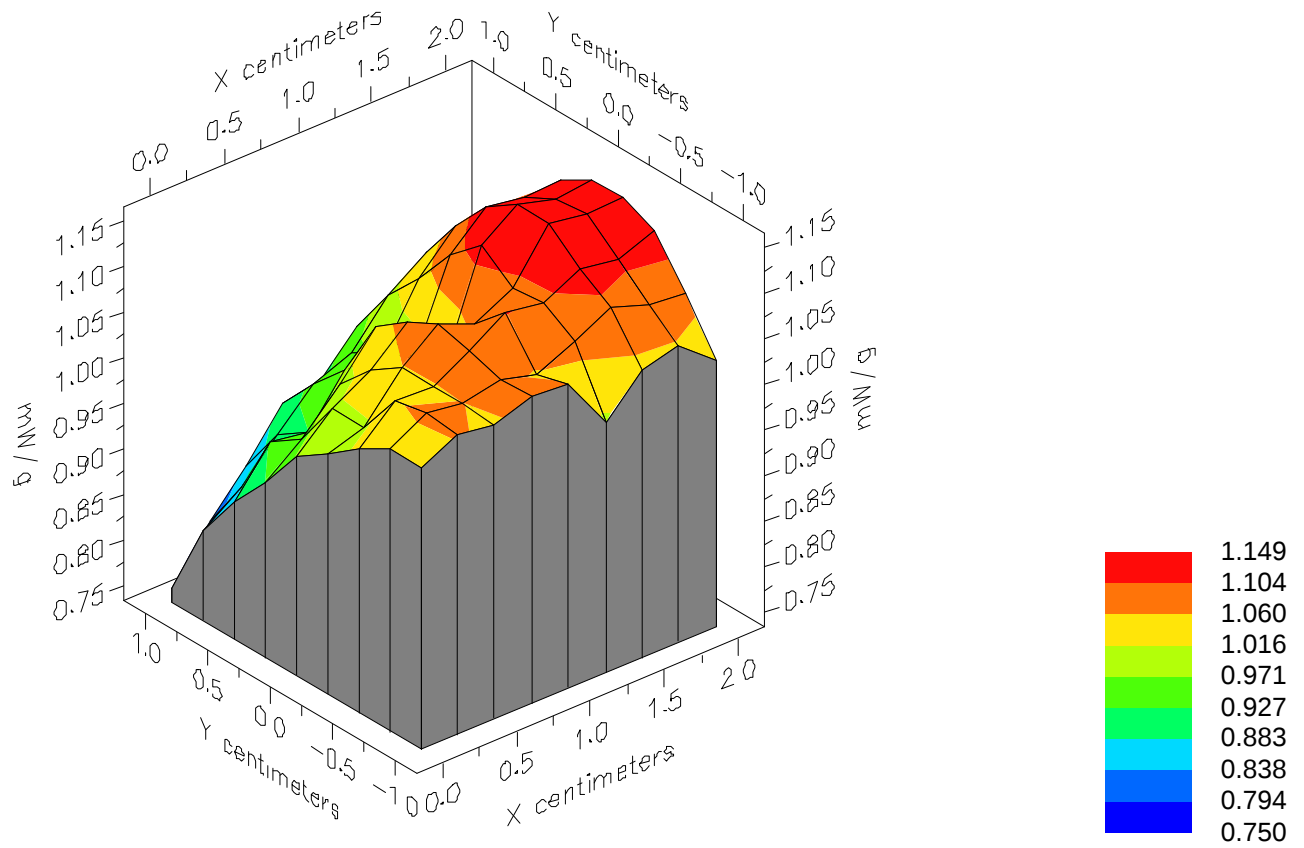


File : 01011625_ZOOM

Start : 16-Jan-101 05:13:13 pm End : 16-Jan-101 05:21:18 pm

SEWON/SWT-1000/1;848.97MHz;W;Helical/In;

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

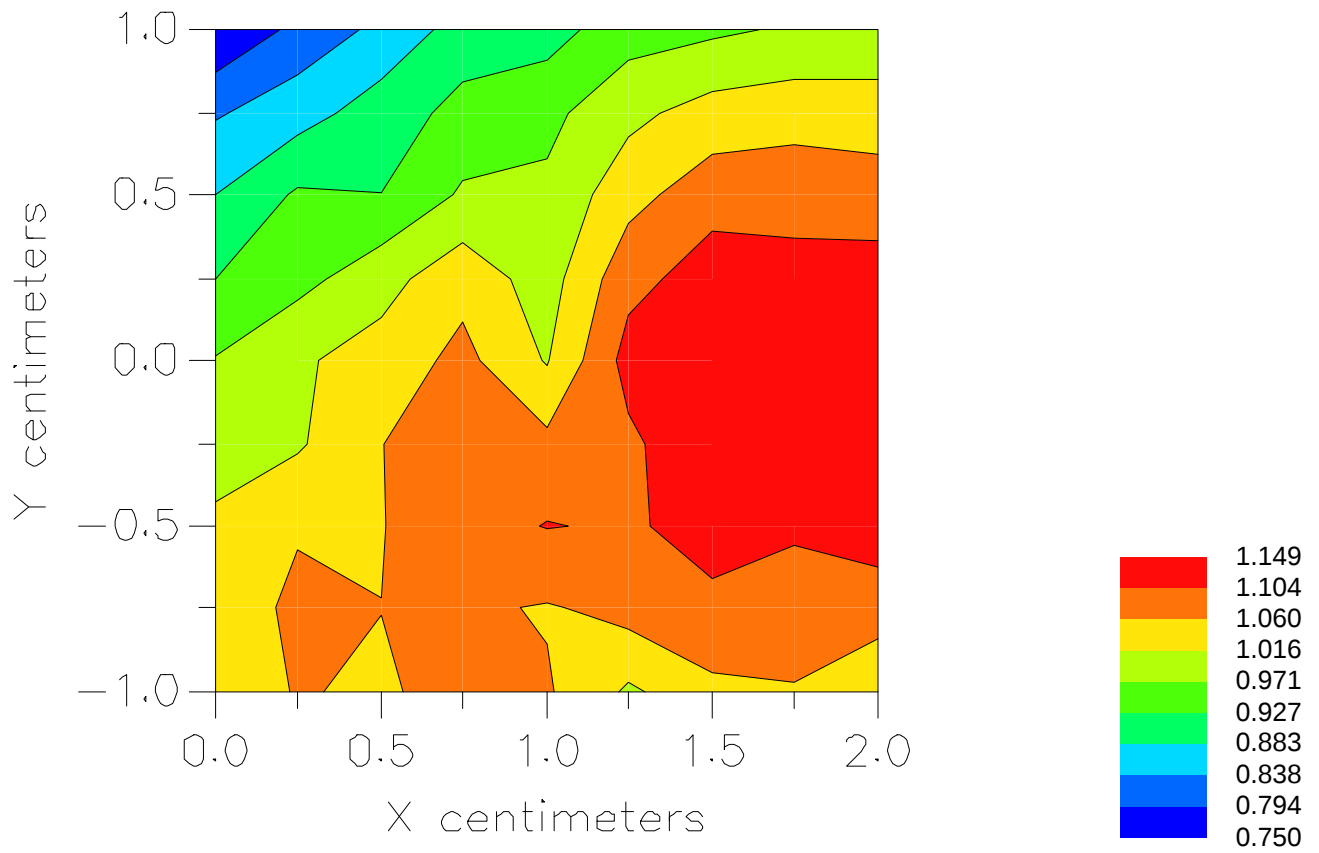


File : 01011625_ZOOM

Start : 16-Jan-101 05:13:13 pm End : 16-Jan-101 05:21:18 pm

SEWON/SWT-1000/1;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/01011626_ZOOM.VLT
Start : 16-Jan-101 05:24:07 pm End : 16-Jan-101 05:36:50 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr: 0.500 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.0 dBm
SEWON TRI-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 = 0.000, Z = 0.000 (cm) Value = 12.222

Measured Values (volts) =
1.213E-002 1.031E-002 8.354E-003 7.341E-003 6.830E-003 6.724E-003
6.857E-003 6.670E-003 6.186E-003 5.192E-003 4.010E-003 2.660E-003
1.606E-003 1.046E-003 9.990E-004 1.525E-003 2.233E-003 2.870E-003
2.993E-003 2.552E-003 2.006E-003

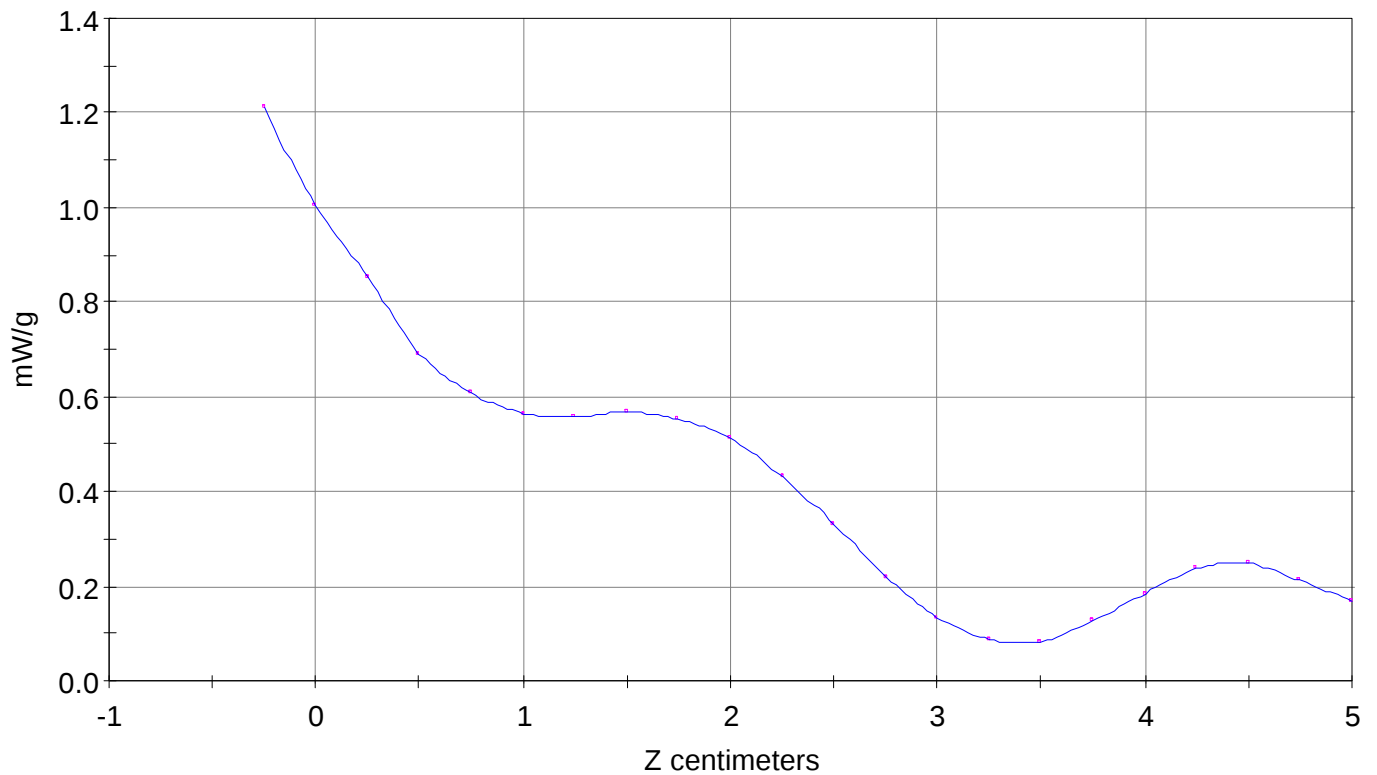
Calc. Voltage @ Surface (Vs) = 0.0146

Voltage @ 1.00 cm (Vt) = 0.0073

Ave. Voltage (Vs+Vt)/2 = 0.0110

Ave. SAR over 1 g (mW/g) = 0.9091

SAR Scan
File : 01011626_ZOOM
Start : 16-Jan-101 05:24:07 pm End : 16-Jan-101 05:36:50 pm
SEWON/SWT-1000/1;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

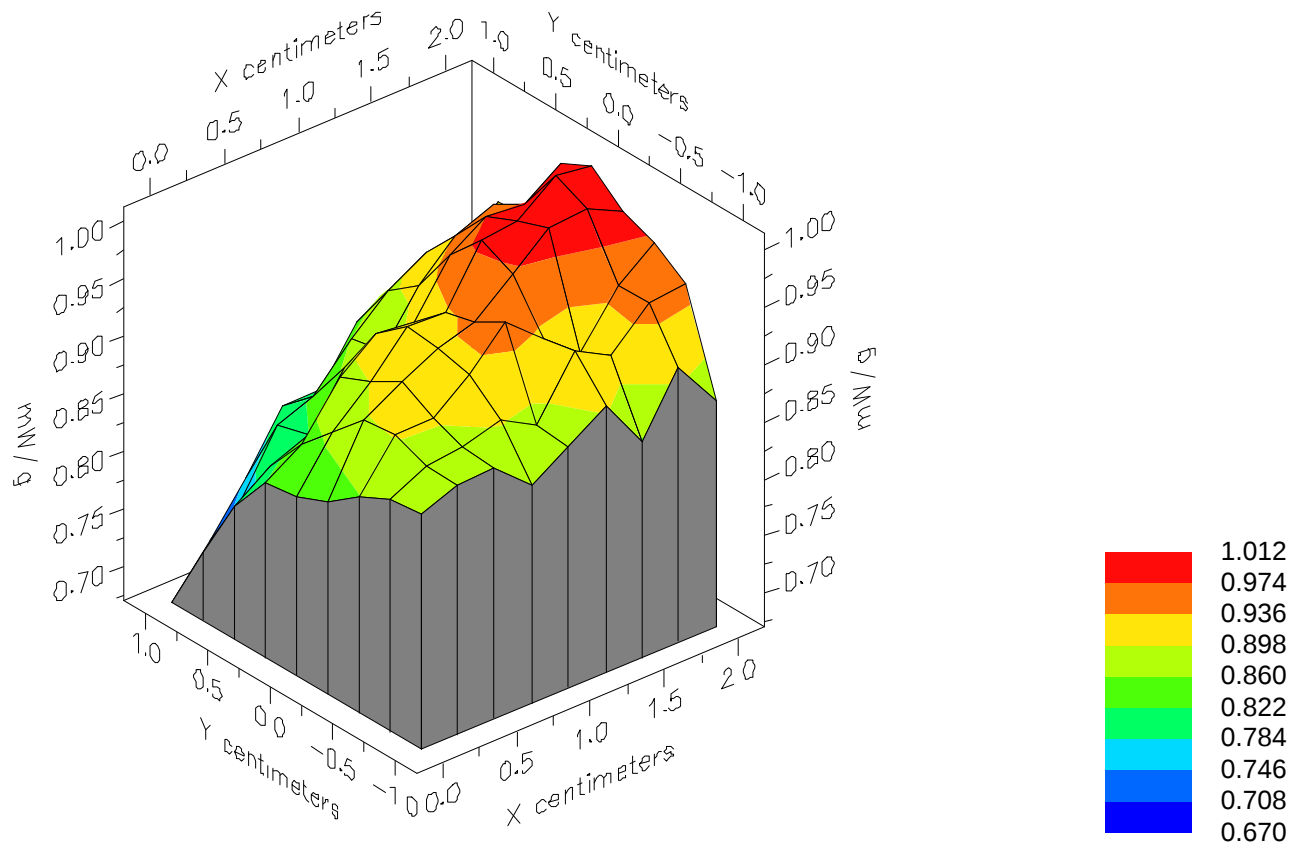


File : 01011626_ZOOM

Start : 16-Jan-101 05:24:07 pm End : 16-Jan-101 05:36:50 pm

SEWON/SWT-1000/1;848.97MHz;W;Helical/Out;

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

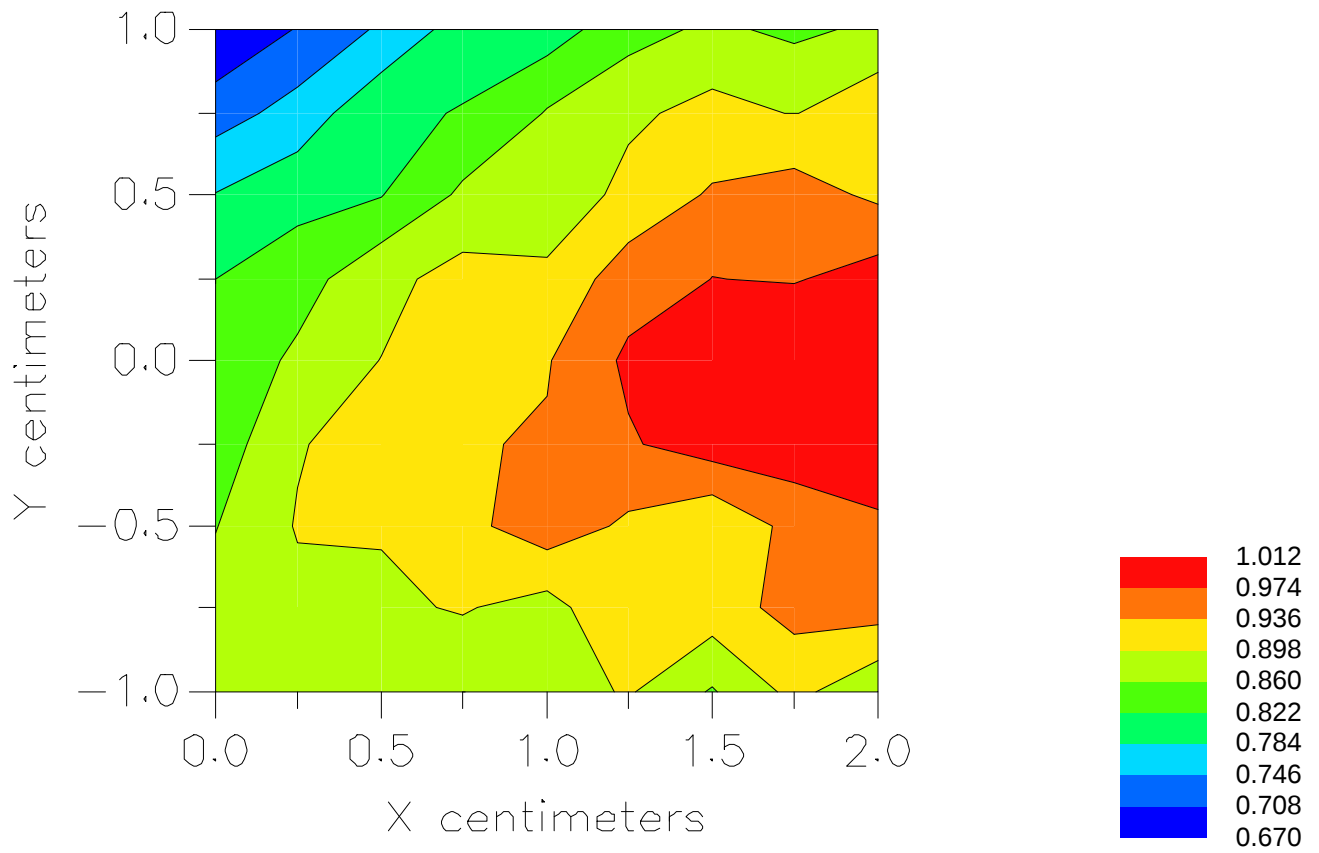


File : 01011626_ZOOM

Start : 16-Jan-101 05:24:07 pm End : 16-Jan-101 05:36:50 pm

SEWON/SWT-1000/1;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/01011703_ZOOM.VLT
Start : 17-Jan-101 09:53:02 am End : 17-Jan-101 10:01:34 am

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 :
SEWON TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 24.5 dBm
SEWON TRI-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 = 0.000, Z = 0.000 (cm) Value = 9.499

Measured Values (volts) =
9.308E-003 7.927E-003 6.372E-003 5.700E-003 5.293E-003 5.516E-003
5.225E-003 5.123E-003 4.492E-003 3.639E-003 2.764E-003 1.794E-003
1.121E-003 7.993E-004 8.623E-004 1.302E-003 1.781E-003 2.233E-003
2.222E-003 1.682E-003 1.342E-003

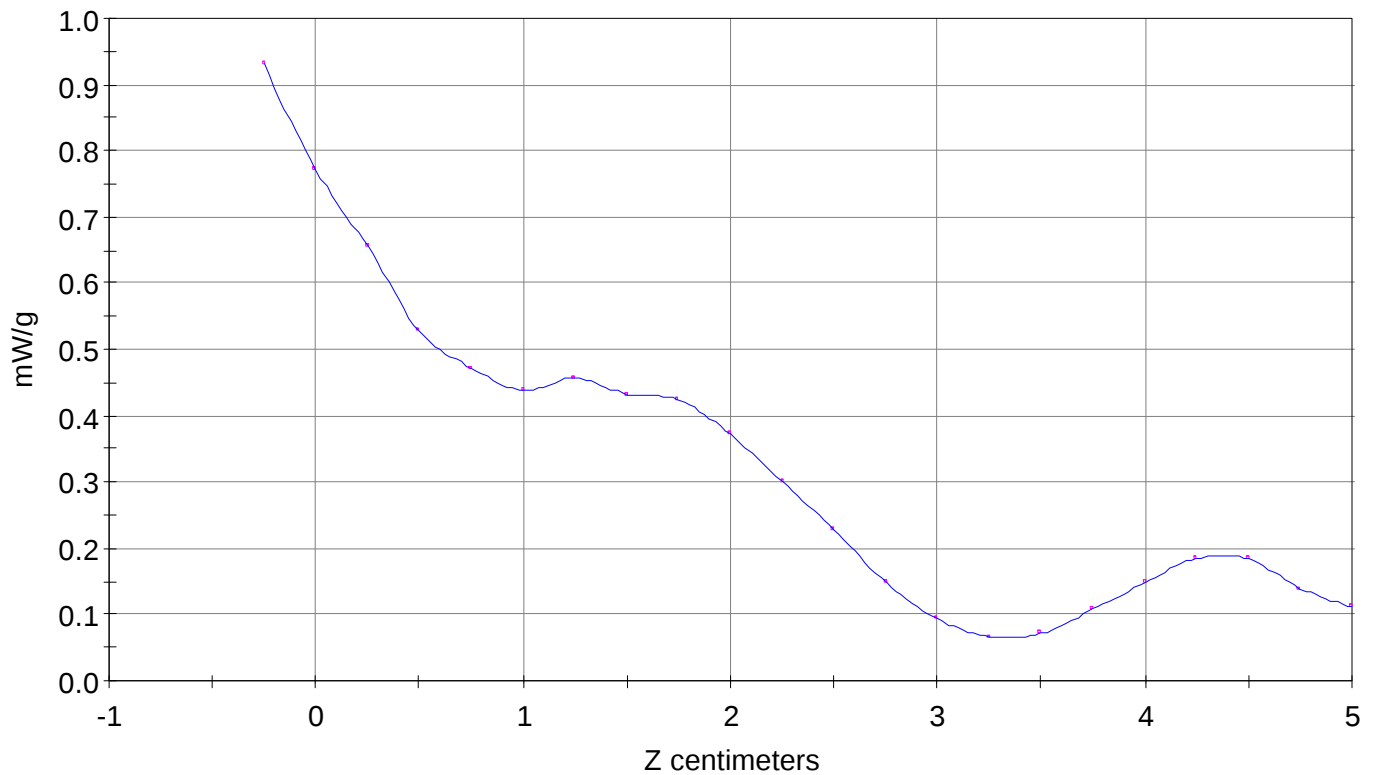
Calc. Voltage @ Surface (Vs) = 0.0113

Voltage @ 1.00 cm (Vt) = 0.0057

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

Ave. SAR over 1 g (mW/g) = 0.7017

SAR Scan
File : 01011703_ZOOM
Start : 17-Jan-101 09:53:02 am End : 17-Jan-101 10:01:34 am
SEWON/SWT-1000/1;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

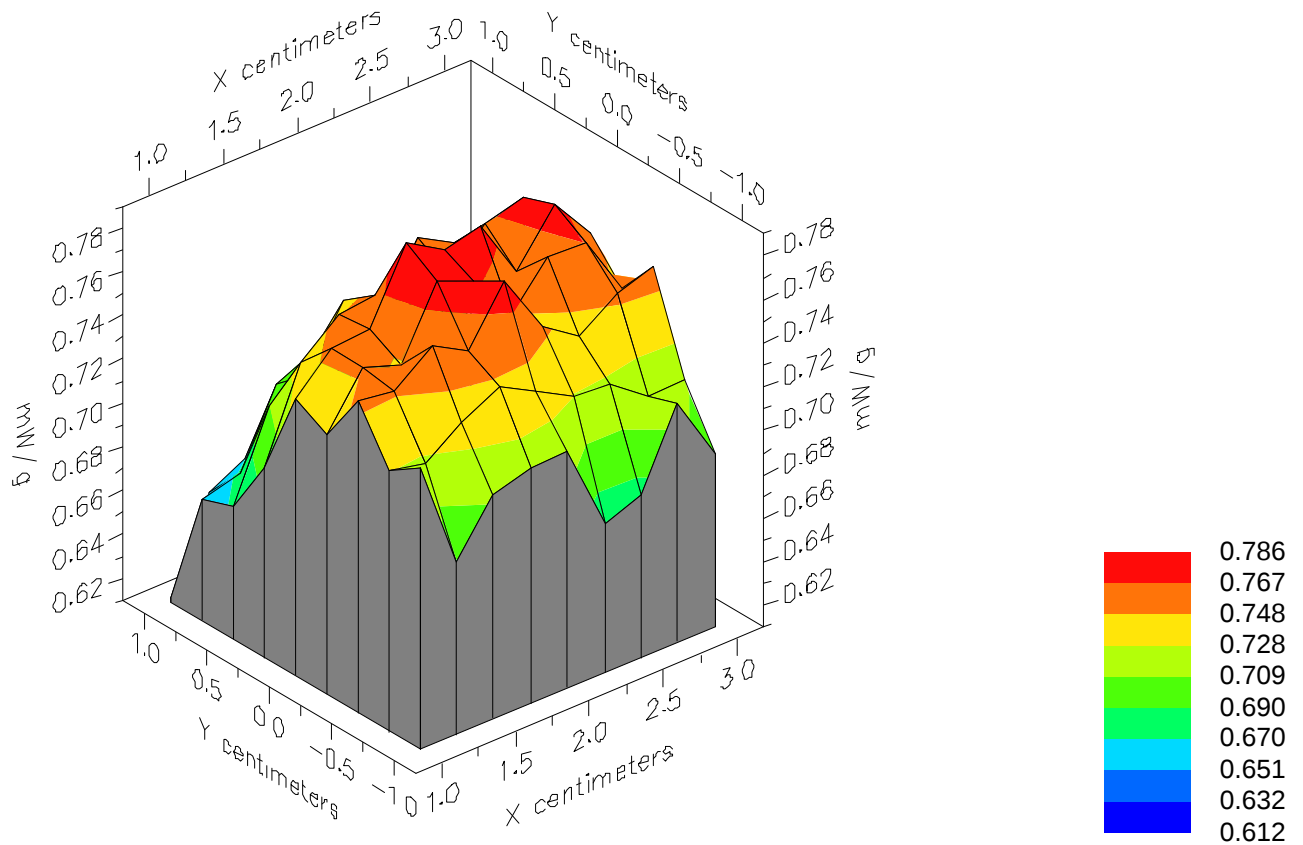


File : 01011703_ZOOM

Start : 17-Jan-101 09:53:02 am End : 17-Jan-101 10:01:34 am

SEWON/SWT-1000/1;835.89MHz;W;Helical/In;

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

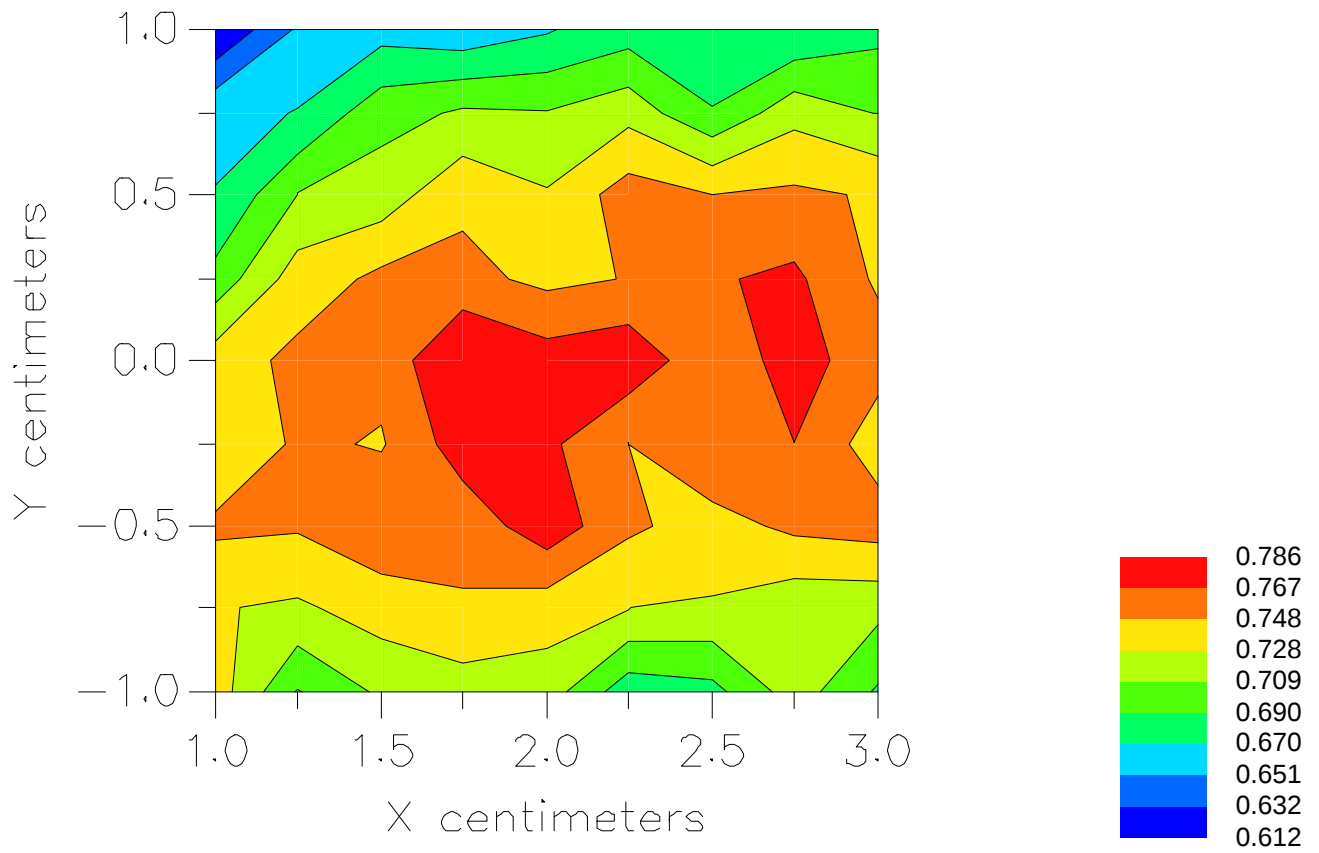


File : 01011703_ZOOM

Start : 17-Jan-101 09:53:02 am End : 17-Jan-101 10:01:34 am

SEWON/SWT-1000/1;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/01011704_ZOOM.VLT
Start : 17-Jan-101 10:02:06 am End : 17-Jan-101 10:12:21 am

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 :
SEWON TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 24.5 dBm
SEWON TRI-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 = 0.000, Z = 0.000 (cm) Value = 7.713

Measured Values (volts) =
7.741E-003 6.135E-003 5.078E-003 4.405E-003 4.236E-003 4.144E-003
4.246E-003 3.949E-003 3.498E-003 3.018E-003 2.188E-003 1.360E-003
1.065E-003 5.794E-004 6.110E-004 9.468E-004 1.362E-003 1.718E-003
1.745E-003 1.372E-003 1.169E-003

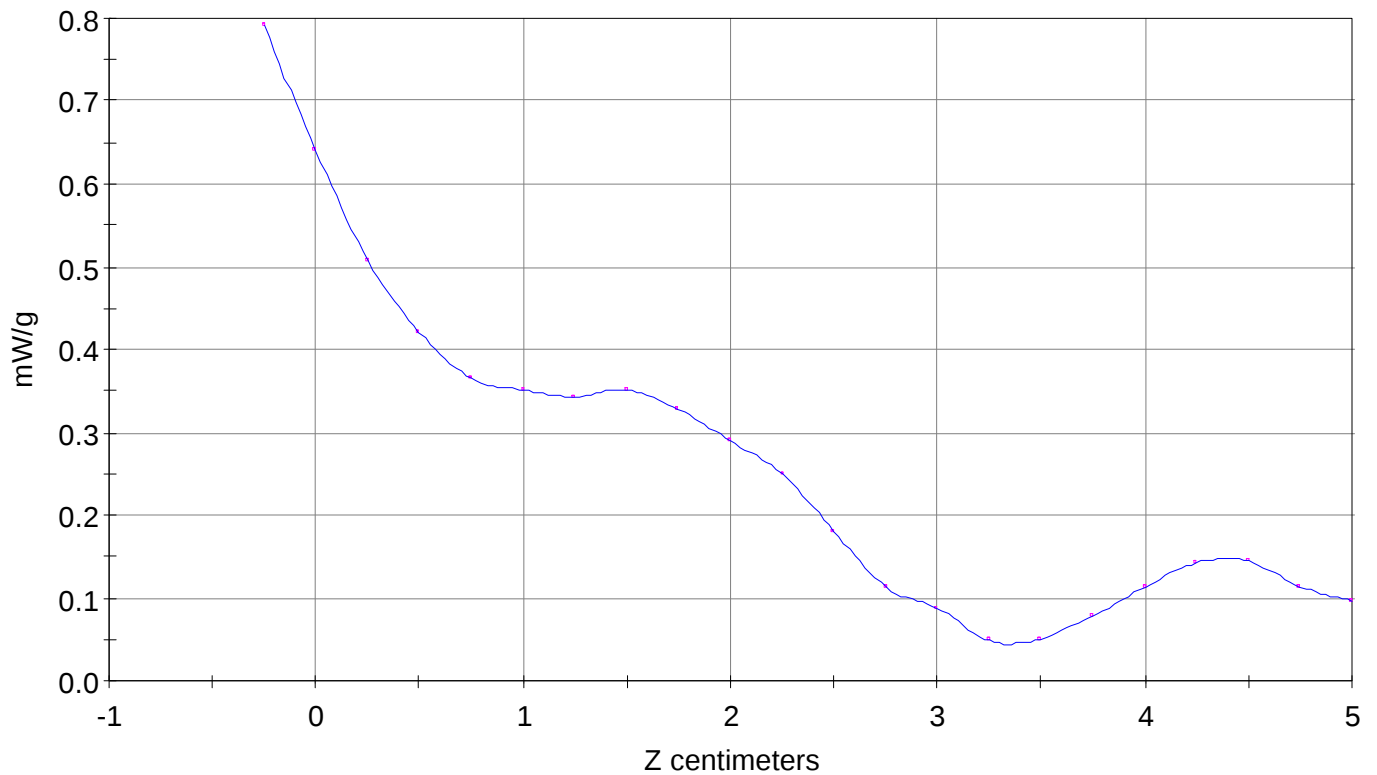
Calc. Voltage @ Surface (Vs) = 0.0096

Voltage @ 1.00 cm (Vt) = 0.0044

Ave. Voltage (Vs+Vt)/2 = 0.0070

Ave. SAR over 1 g (mW/g) = 0.5780

SAR Scan
File : 01011704_ZOOM
Start : 17-Jan-101 10:02:06 am End : 17-Jan-101 10:12:21 am
SEWON/SWT-1000/1;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

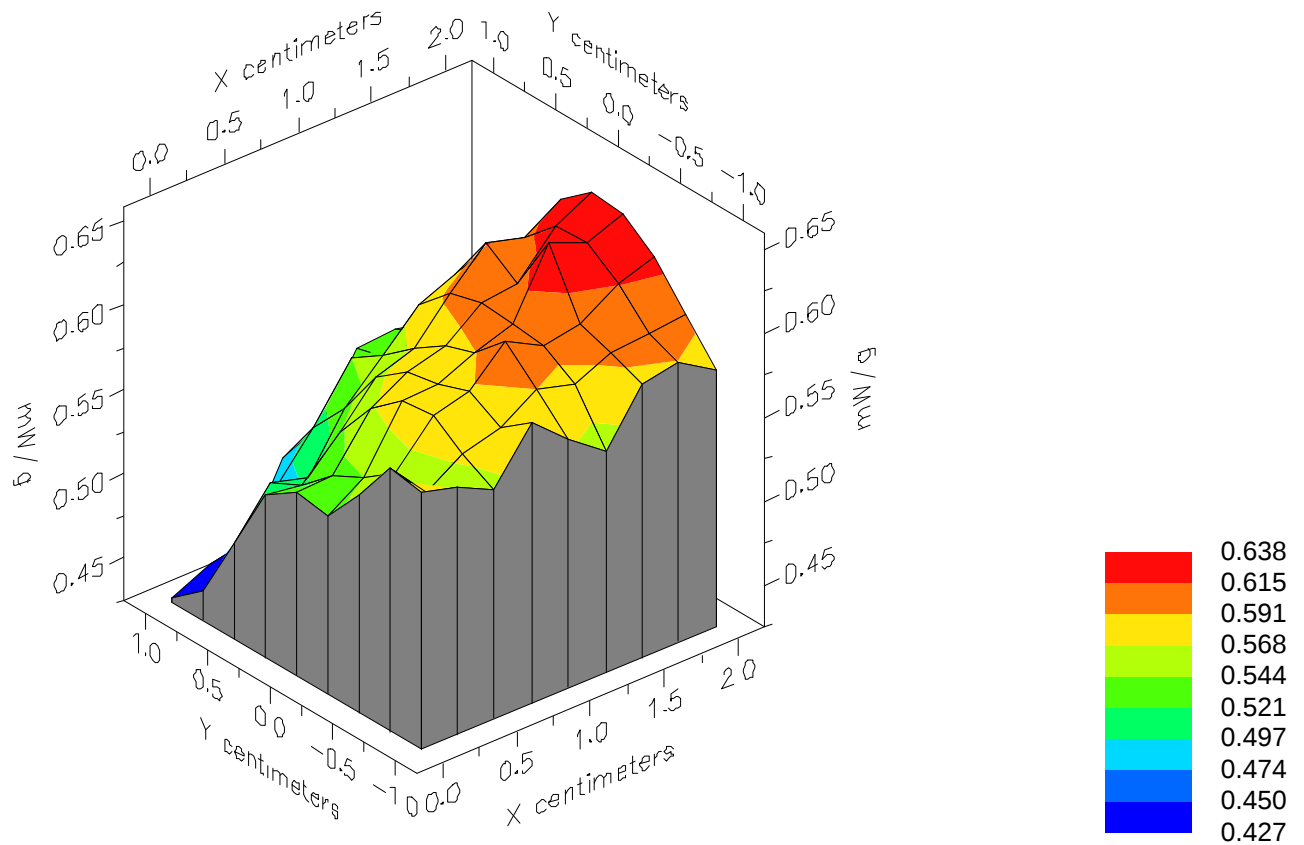


File : 01011704_ZOOM

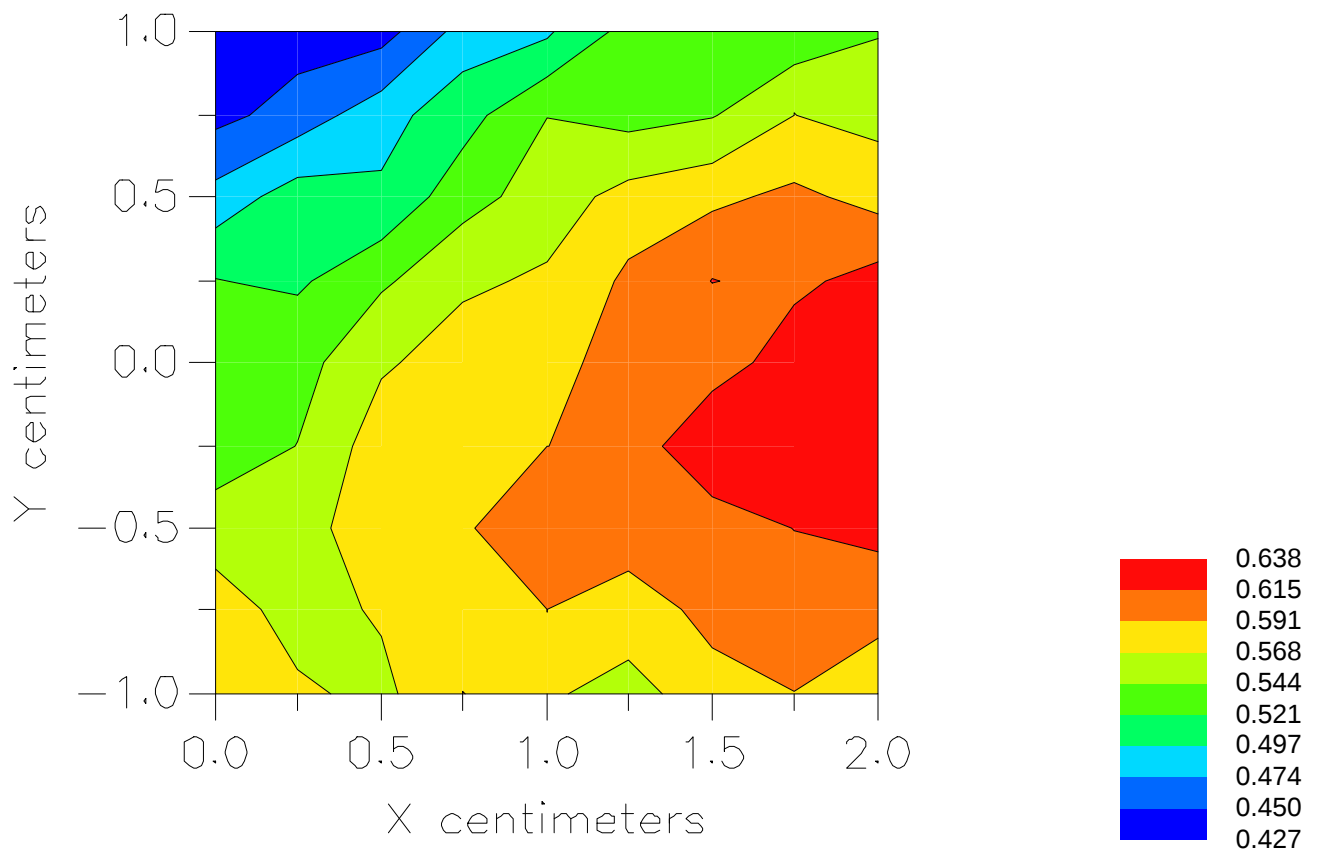
Start : 17-Jan-101 10:02:06 am End : 17-Jan-101 10:12:21 am

SEWON/SWT-1000/1;835.89MHz;W;Helical/Out;

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



File : 01011704_ZOOM
Start : 17-Jan-101 10:02:06 am End : 17-Jan-101 10:12:21 am
SEWON/SWT-1000/1;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



Peak SAR Location

AMPS Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01010515_ZOOM.VLT
Start : 5-Jan-101 12:10:22 pm End : 5-Jan-101 12:19:35 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr : 0.500 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 :
SEWON TELECOM TRI-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.0 dBm
SEWON TELECOM TRI-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 = 3.250, Y = -4.500, Z = 0.000 (cm) Value = 19.762

Measured Values (volts) =
1.969E-002 1.655E-002 1.410E-002 1.249E-002 1.081E-002 9.008E-003
7.396E-003 5.900E-003 4.751E-003 4.092E-003 3.873E-003 4.123E-003
4.613E-003 5.105E-003 5.498E-003 5.367E-003 4.563E-003 3.725E-003
3.626E-003 2.067E-003 1.973E-003

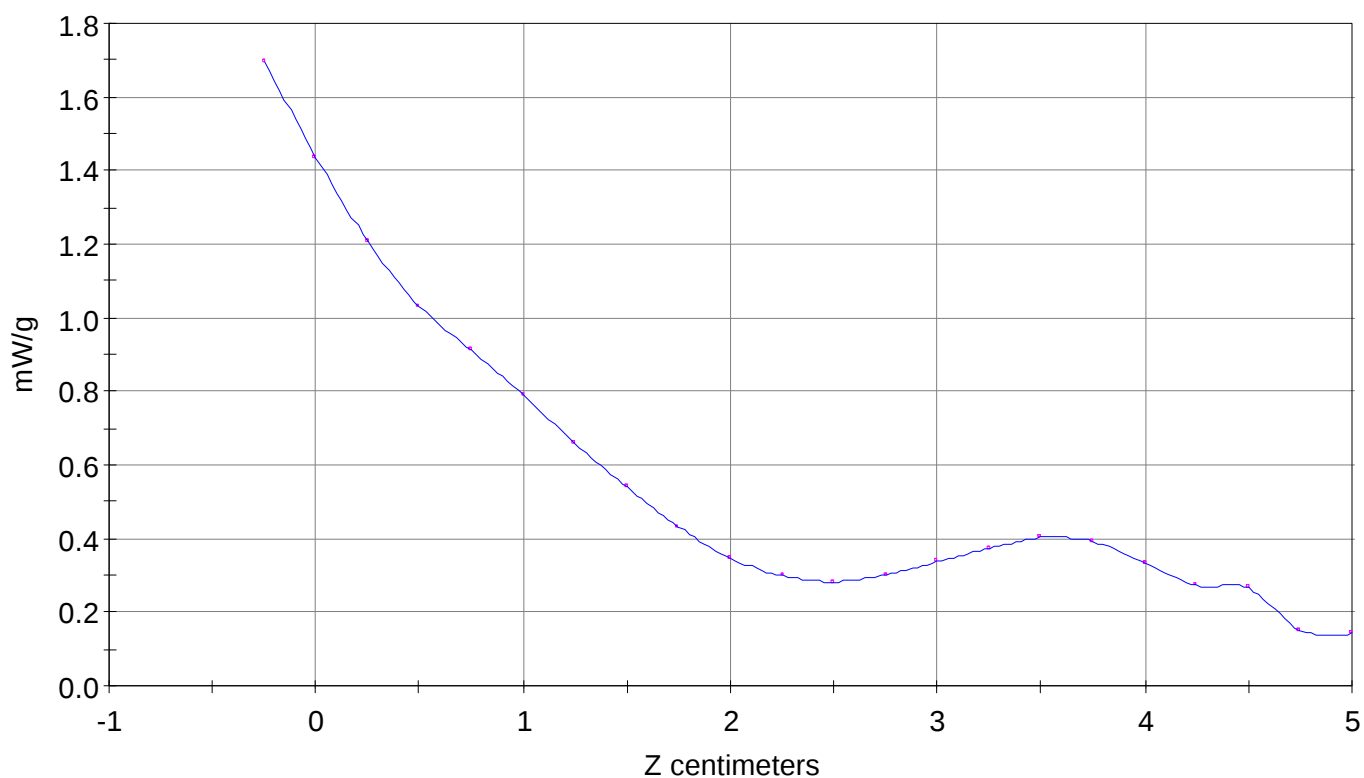
Calc. Voltage @ Surface (Vs) = 0.0233

Voltage @ 1.00 cm (Vt) = 0.0125

Ave. Voltage (Vs+Vt)/2 = 0.0179

Ave. SAR over 1 g (mW/g) = 1.3043

SAR Scan
File : 01010515_ZOOM
Start : 5-Jan-101 12:10:22 pm End : 5-Jan-101 12:19:35 pm
SEWON/SWT-1000/1;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

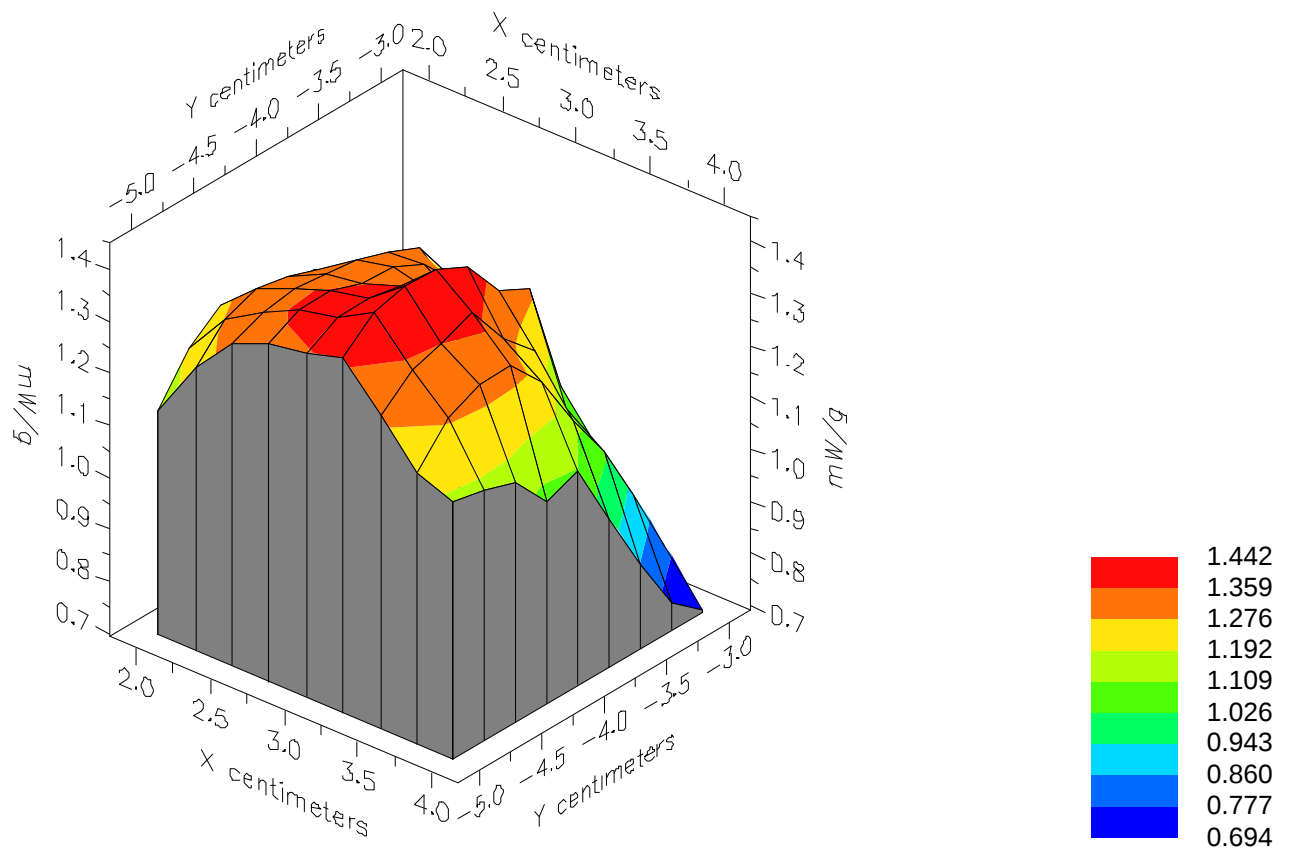


File : 01010515_ZOOM

Start : 5-Jan-101 12:10:22 pm End : 5-Jan-101 12:19:35 pm

SEWON/SWT-1000/1;824.04MHz;W;Helical/In;

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

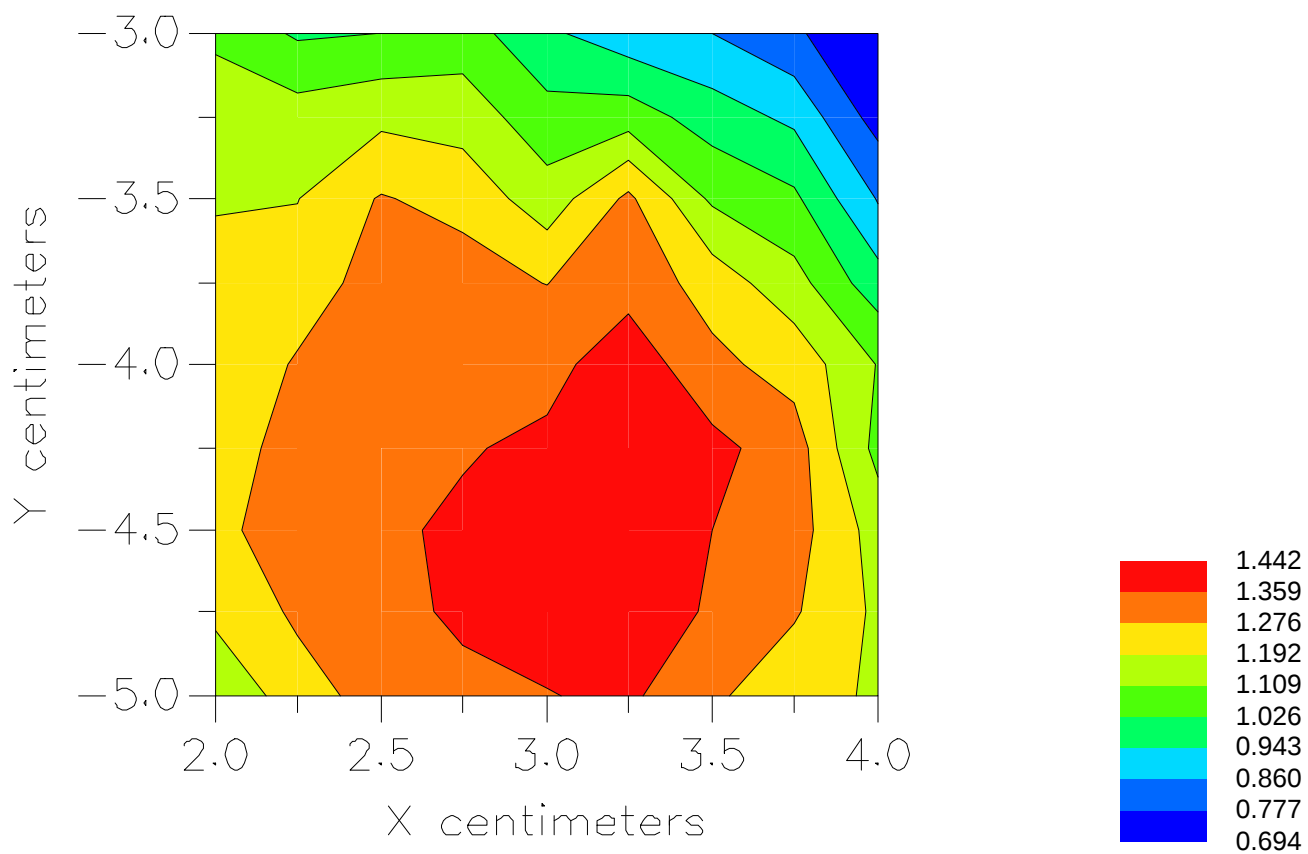


File : 01010515_ZOOM

Start : 5-Jan-101 12:10:22 pm End : 5-Jan-101 12:19:35 pm

SEWON/SWT-1000/1;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/01010510_ZOOM.VLT
Start : 5-Jan-101 10:48:22 am End : 5-Jan-101 10:59:32 am

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr: 0.500 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 :
SEWON TELECOM TRI-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.0 dBm
SEWON TELECOM TRI-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 = 3.000, Y = -4.250, Z = 0.000 (cm) Value = 19.598

Measured Values (volts) =
1.952E-002 1.566E-002 1.369E-002 1.185E-002 1.020E-002 8.294E-003
6.497E-003 4.848E-003 3.563E-003 2.760E-003 2.448E-003 2.688E-003
3.287E-003 3.875E-003 4.405E-003 4.317E-003 3.274E-003 2.125E-003
1.470E-003 6.595E-004 5.627E-004

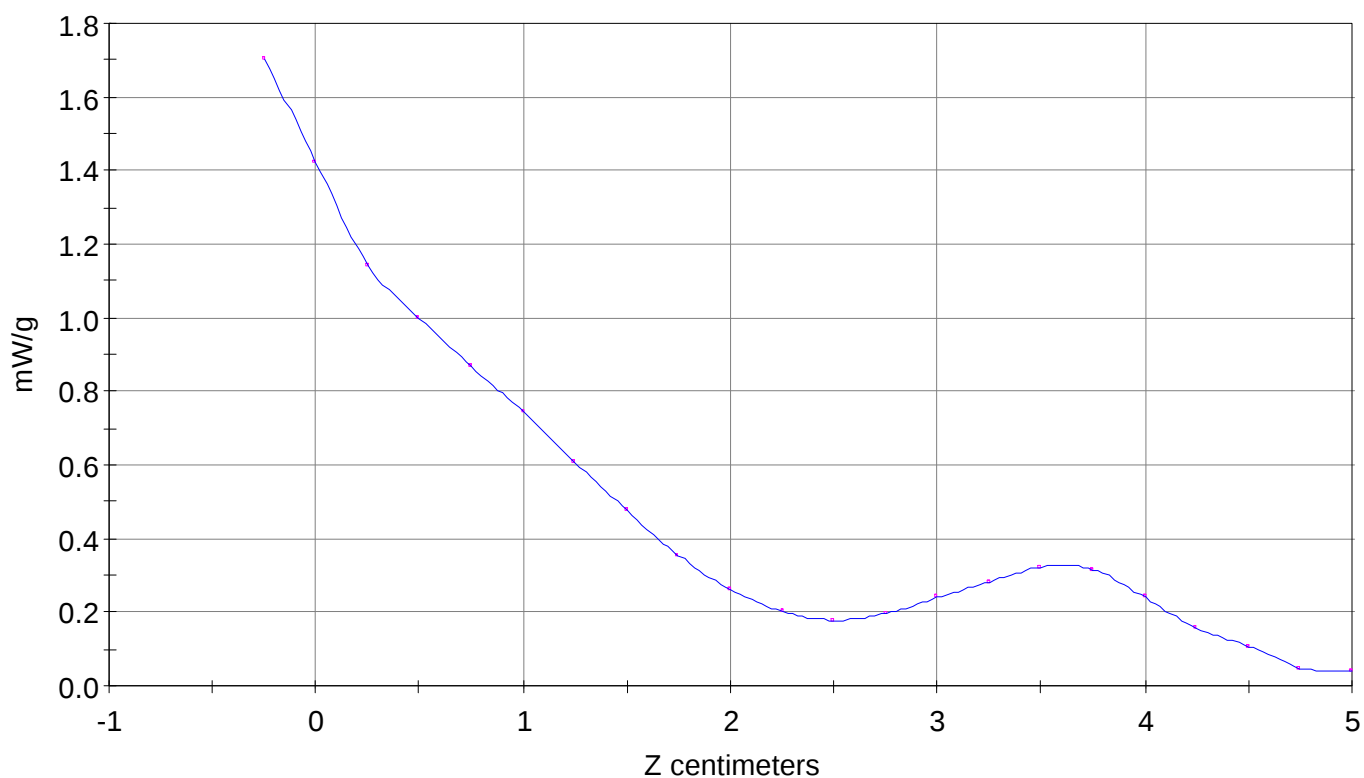
Calc. Voltage @ Surface (Vs) = 0.0233

Voltage @ 1.00 cm (Vt) = 0.0119

Ave. Voltage (Vs+Vt)/2 = 0.0176

Ave. SAR over 1 g (mW/g) = 1.2835

SAR Scan
File : 01010510_ZOOM
Start : 5-Jan-101 10:48:22 am End : 5-Jan-101 10:59:32 am
SEWON/SWT-1000/1;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

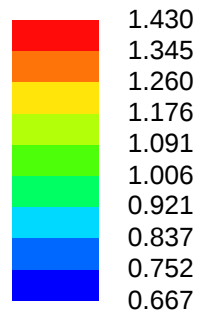
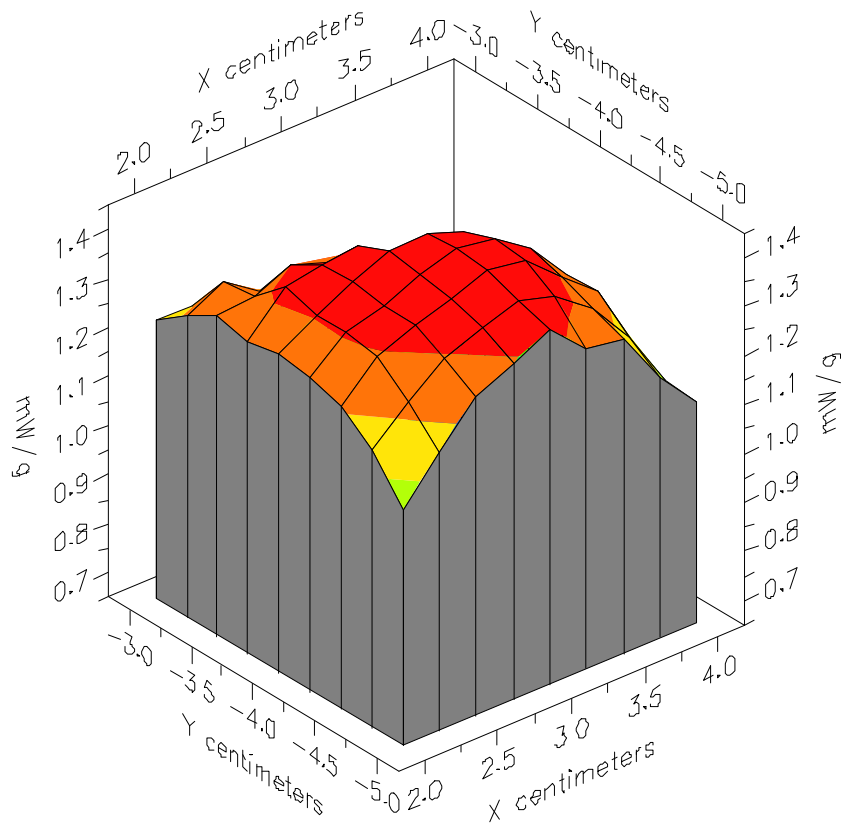


File : 01010510_ZOOM

Start : 5-Jan-101 10:48:22 am End : 5-Jan-101 10:59:32 am

SEWON/SWT-1000/1;824.04MHz;W;Helical/Out;

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

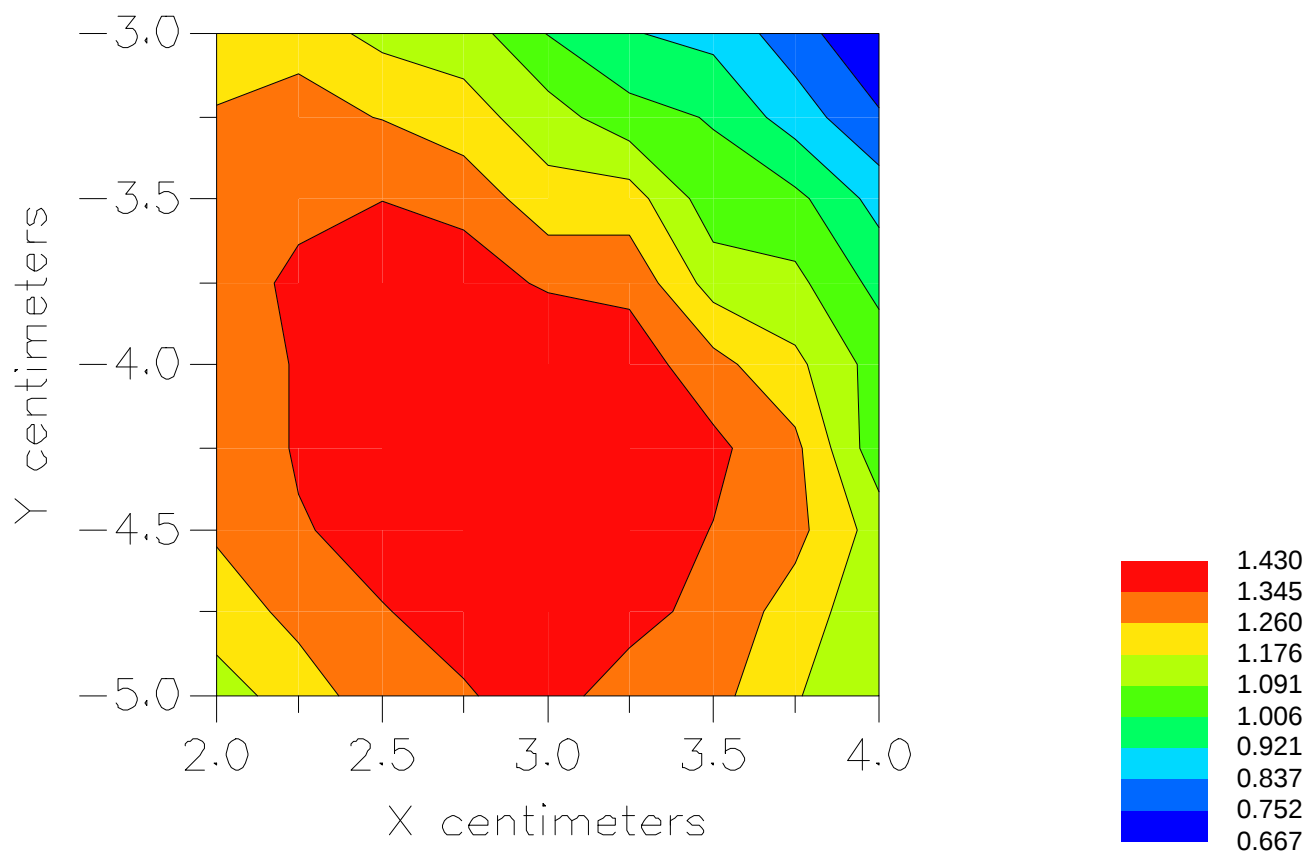


File : 01010510_ZOOM

Start : 5-Jan-101 10:48:22 am End : 5-Jan-101 10:59:32 am

SEWON/SWT-1000/1;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/01010519_ZOOM.VLT
Start : 5-Jan-101 01:13:27 pm End : 5-Jan-101 01:22:37 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr : 0.500 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 :
SEWON TELECOM TRI-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.0 dBm
SEWON TELECOM TRI-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 = 3.250, Y = -4.500, Z = 0.000 (cm) Value = 22.712

Measured Values (volts) =
2.259E-002 1.875E-002 1.636E-002 1.430E-002 1.224E-002 1.032E-002
8.227E-003 6.473E-003 5.198E-003 4.329E-003 4.131E-003 4.480E-003
5.132E-003 5.783E-003 6.151E-003 5.903E-003 4.778E-003 3.634E-003
3.265E-003 2.063E-003 1.921E-003

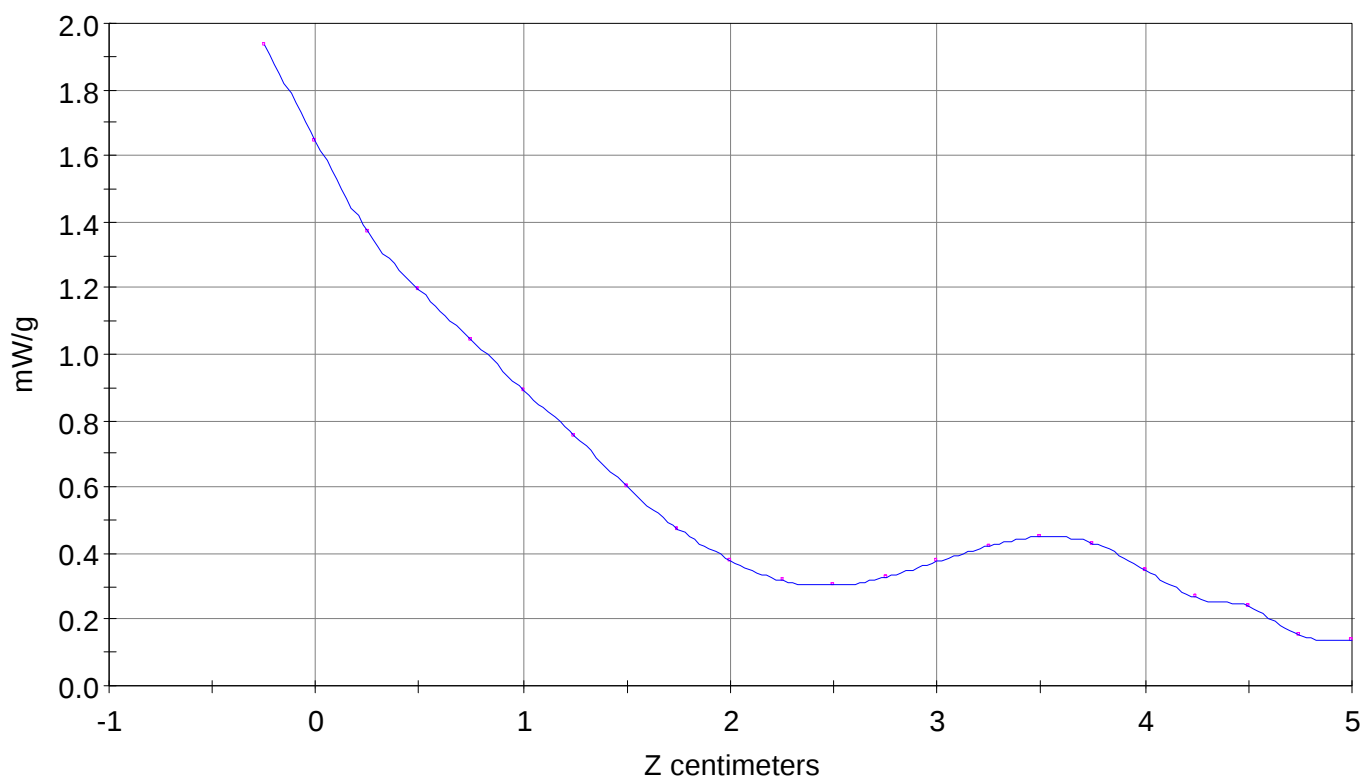
Calc. Voltage @ Surface (Vs) = 0.0265

Voltage @ 1.00 cm (Vt) = 0.0143

Ave. Voltage (Vs+Vt)/2 = 0.0204

Ave. SAR over 1 g (mW/g) = 1.4901

SAR Scan
File : 01010519_ZOOM
Start : 5-Jan-101 01:13:27 pm End : 5-Jan-101 01:22:37 pm
SEWON/SWT-1000/1;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

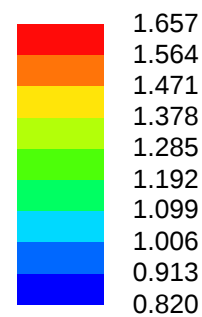
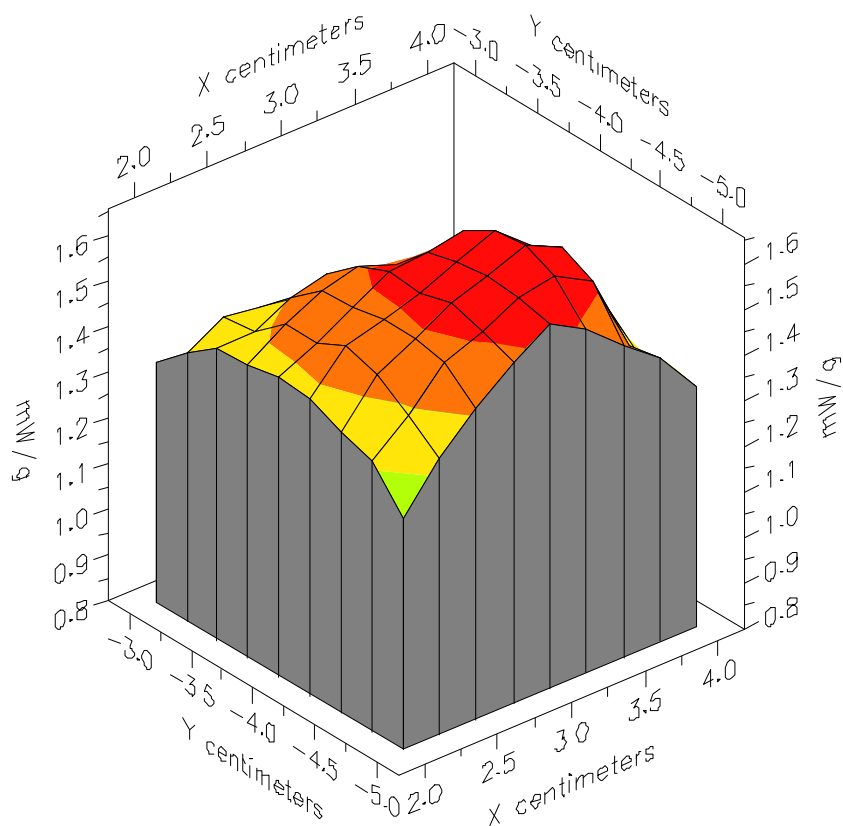


File : 01010519_ZOOM

Start : 5-Jan-101 01:13:27 pm End : 5-Jan-101 01:22:37 pm

SEWON/SWT-1000/1;836.49MHz;W;Helical/In;

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

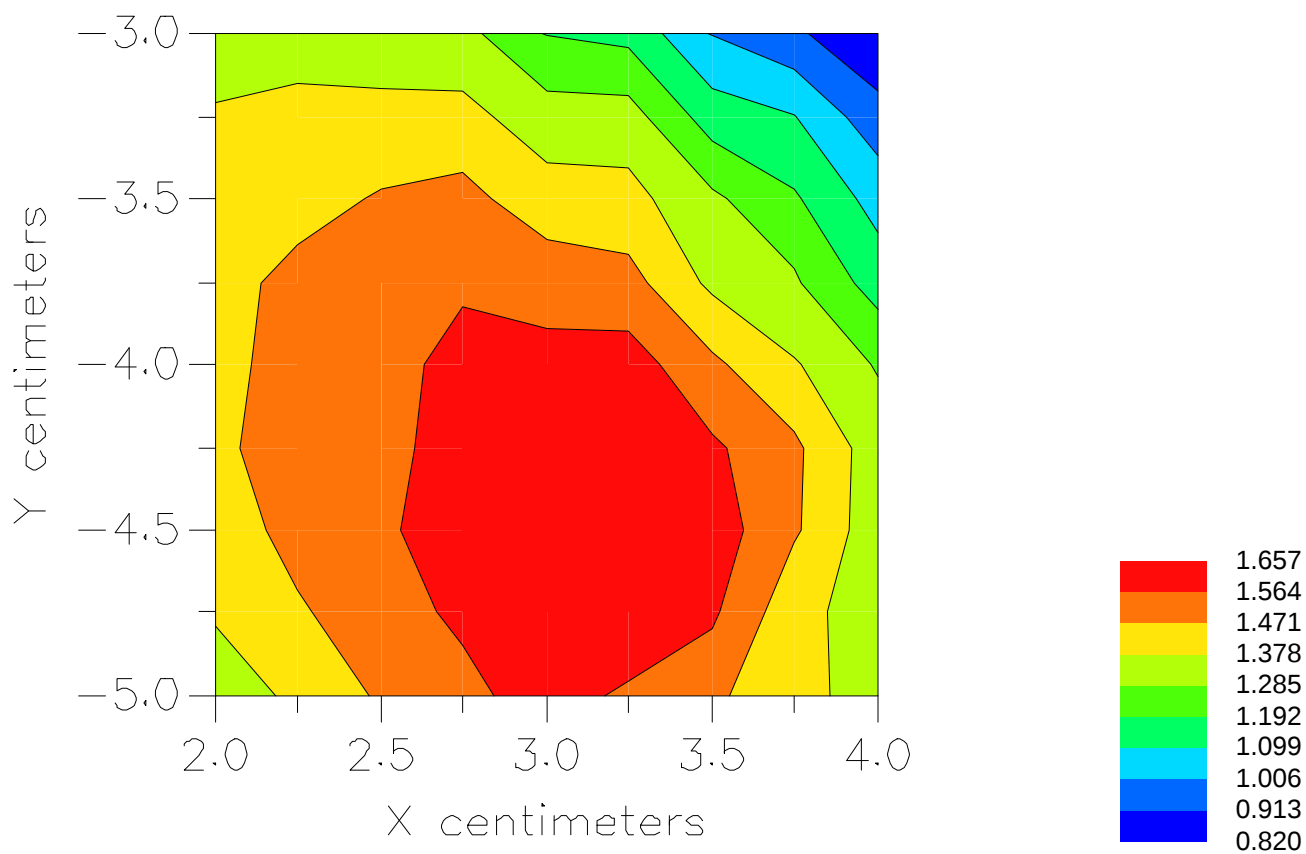


File : 01010519_ZOOM

Start : 5-Jan-101 01:13:27 pm End : 5-Jan-101 01:22:37 pm

SEWON/SWT-1000/1;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/01010513_ZOOM.VLT
Start : 5-Jan-101 11:56:32 am End : 5-Jan-101 12:06:02 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr : 0.500 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 :
SEWON TELECOM TRI-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.0 dBm
SEWON TELECOM TRI-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 = 3.250, Y = -4.500, Z = 0.000 (cm) Value = 20.451

Measured Values (volts) =
2.070E-002 1.652E-002 1.431E-002 1.226E-002 1.055E-002 8.590E-003
6.779E-003 5.174E-003 3.954E-003 3.297E-003 3.181E-003 3.501E-003
4.008E-003 4.581E-003 4.936E-003 4.575E-003 3.521E-003 2.917E-003
2.893E-003 1.177E-003 9.523E-004

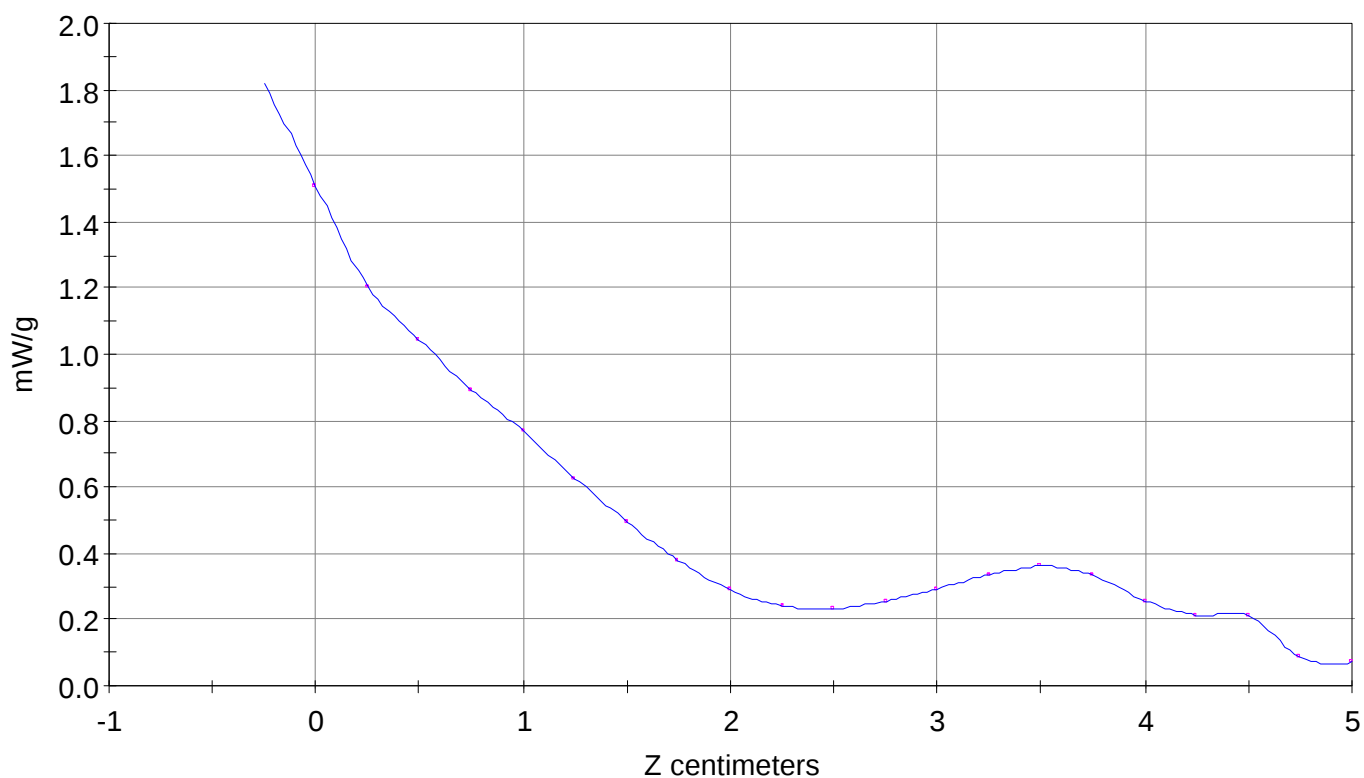
Calc. Voltage @ Surface (Vs) = 0.0249

Voltage @ 1.00 cm (Vt) = 0.0123

Ave. Voltage (Vs+Vt)/2 = 0.0186

Ave. SAR over 1 g (mW/g) = 1.3566

SAR Scan
File : 01010513_ZOOM
Start : 5-Jan-101 11:56:32 am End : 5-Jan-101 12:06:02 pm
SEWON/SWT-1000/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

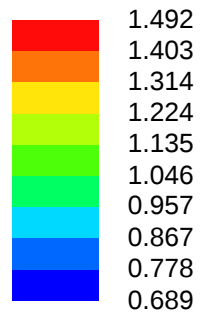
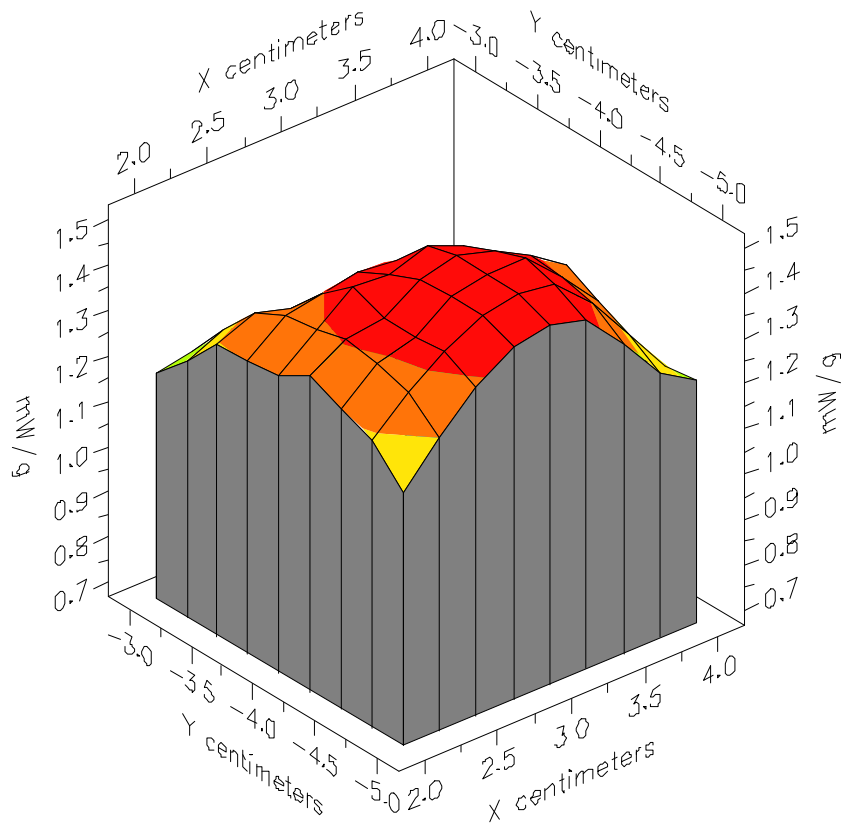


File : 01010513_ZOOM

Start : 5-Jan-101 11:56:32 am End : 5-Jan-101 12:06:02 pm

SEWON/SWT-1000/1;836.49MHz;W;Helical/Out;

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

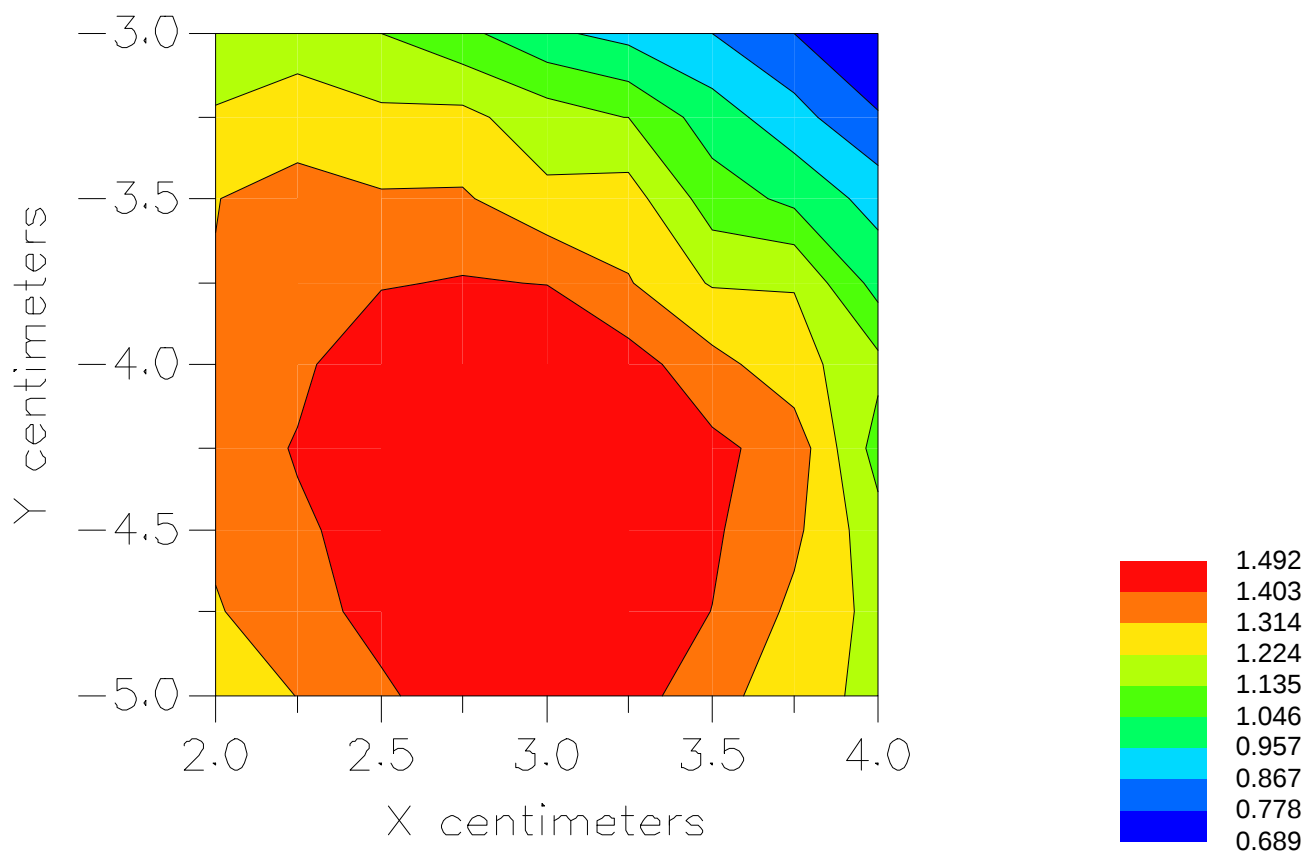


File : 01010513_ZOOM

Start : 5-Jan-101 11:56:32 am End : 5-Jan-101 12:06:02 pm

SEWON/SWT-1000/1;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/01010517_ZOOM.VLT
Start : 5-Jan-101 12:33:03 pm End : 5-Jan-101 12:42:34 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr : 0.500 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 :
SEWON TELECOM TRI-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.0 dBm
SEWON TELECOM TRI-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 = 3.000, Y = -4.500, Z = 0.000 (cm) Value = 21.563

Measured Values (volts) =
2.101E-002 1.817E-002 1.613E-002 1.430E-002 1.263E-002 1.085E-002
8.846E-003 6.997E-003 5.430E-003 4.538E-003 4.054E-003 4.139E-003
4.751E-003 5.365E-003 6.092E-003 6.027E-003 5.177E-003 3.716E-003
3.025E-003 2.078E-003 1.940E-003

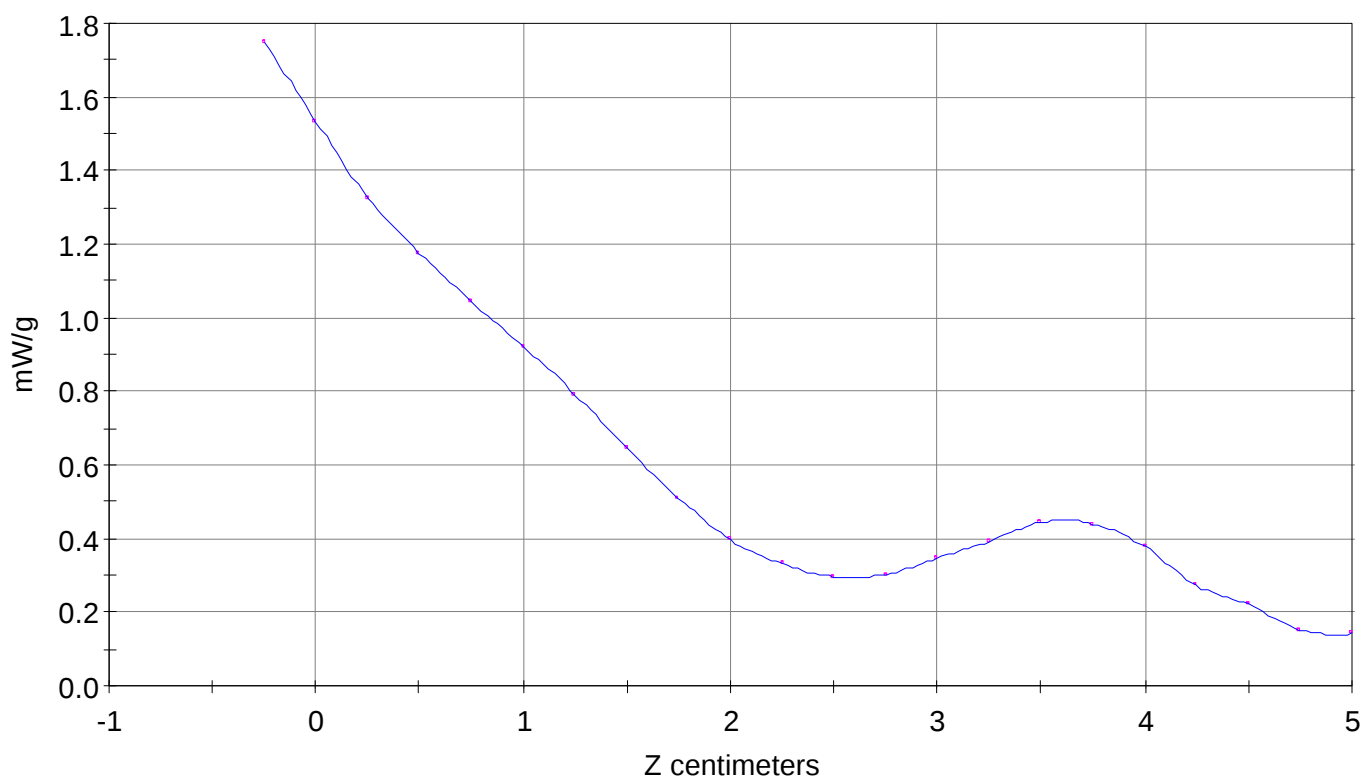
Calc. Voltage @ Surface (Vs) = 0.0240

Voltage @ 1.00 cm (Vt) = 0.0143

Ave. Voltage (Vs+Vt)/2 = 0.0191

Ave. SAR over 1 g (mW/g) = 1.3968

SAR Scan
File : 01010517_ZOOM
Start : 5-Jan-101 12:33:03 pm End : 5-Jan-101 12:42:34 pm
SEWON/SWT-1000/1;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

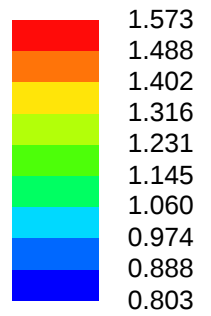
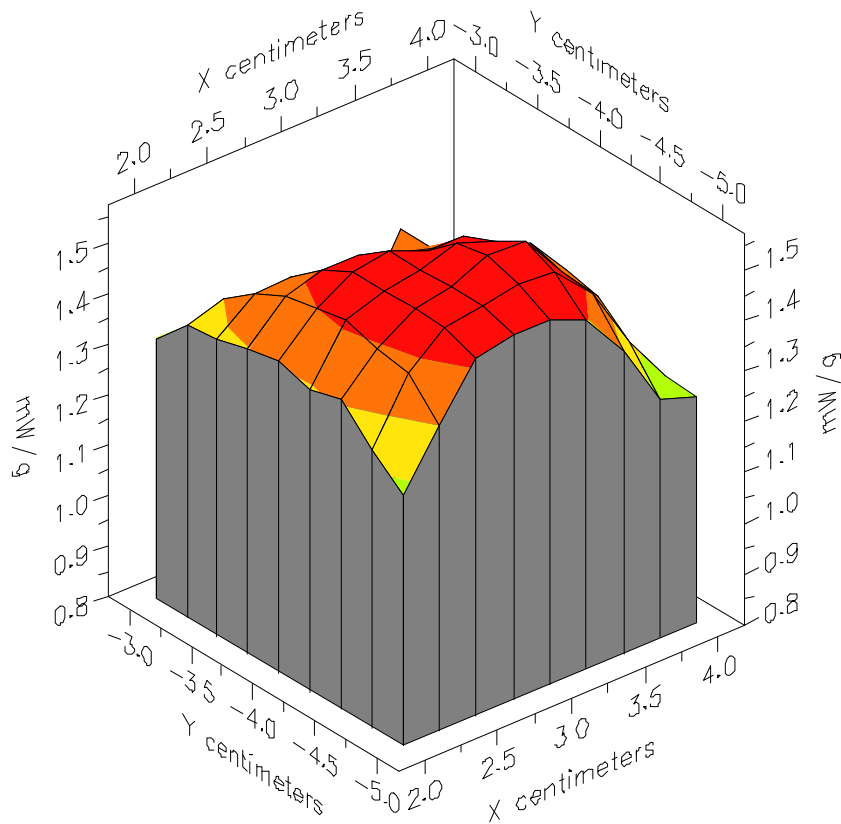


File : 01010517_ZOOM

Start : 5-Jan-101 12:33:03 pm End : 5-Jan-101 12:42:34 pm

SEWON/SWT-1000/1;848.97MHz;W;Helical/In;

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

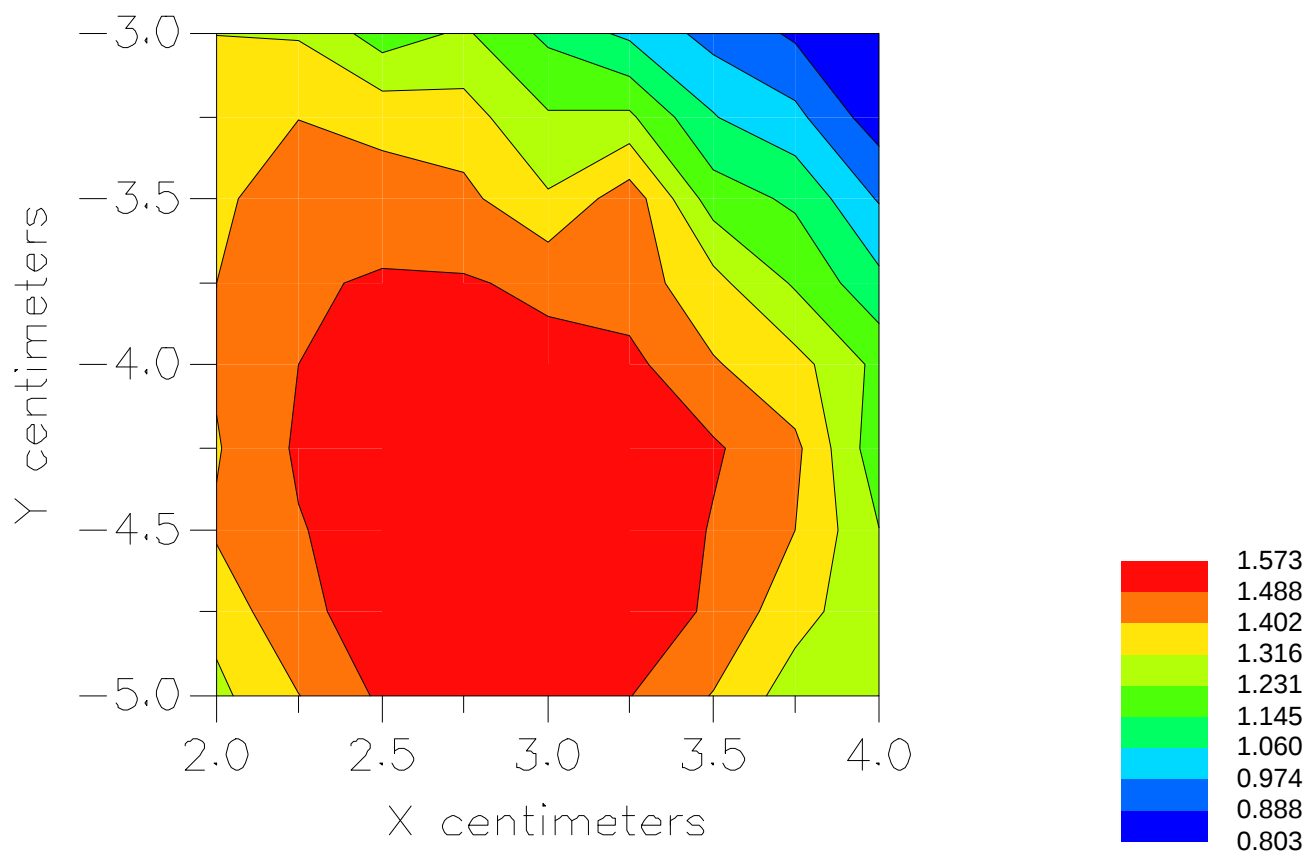


File : 01010517_ZOOM

Start : 5-Jan-101 12:33:03 pm End : 5-Jan-101 12:42:34 pm

SEWON/SWT-1000/1;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/01010511_ZOOM.VLT
Start : 5-Jan-101 11:11:08 am End : 5-Jan-101 11:20:23 am

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.500 W
Start Trans. Pwr: 0.500 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 :
SEWON TELECOM TRI-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.0 dBm
SEWON TELECOM TRI-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 = 3.250, Y = -4.500, Z = 0.000 (cm) Value = 20.053

Measured Values (volts) =
2.016E-002 1.608E-002 1.390E-002 1.204E-002 1.039E-002 8.417E-003
6.769E-003 5.145E-003 4.004E-003 3.302E-003 3.056E-003 3.391E-003
3.969E-003 4.515E-003 4.820E-003 4.513E-003 3.518E-003 2.814E-003
2.810E-003 1.344E-003 1.088E-003

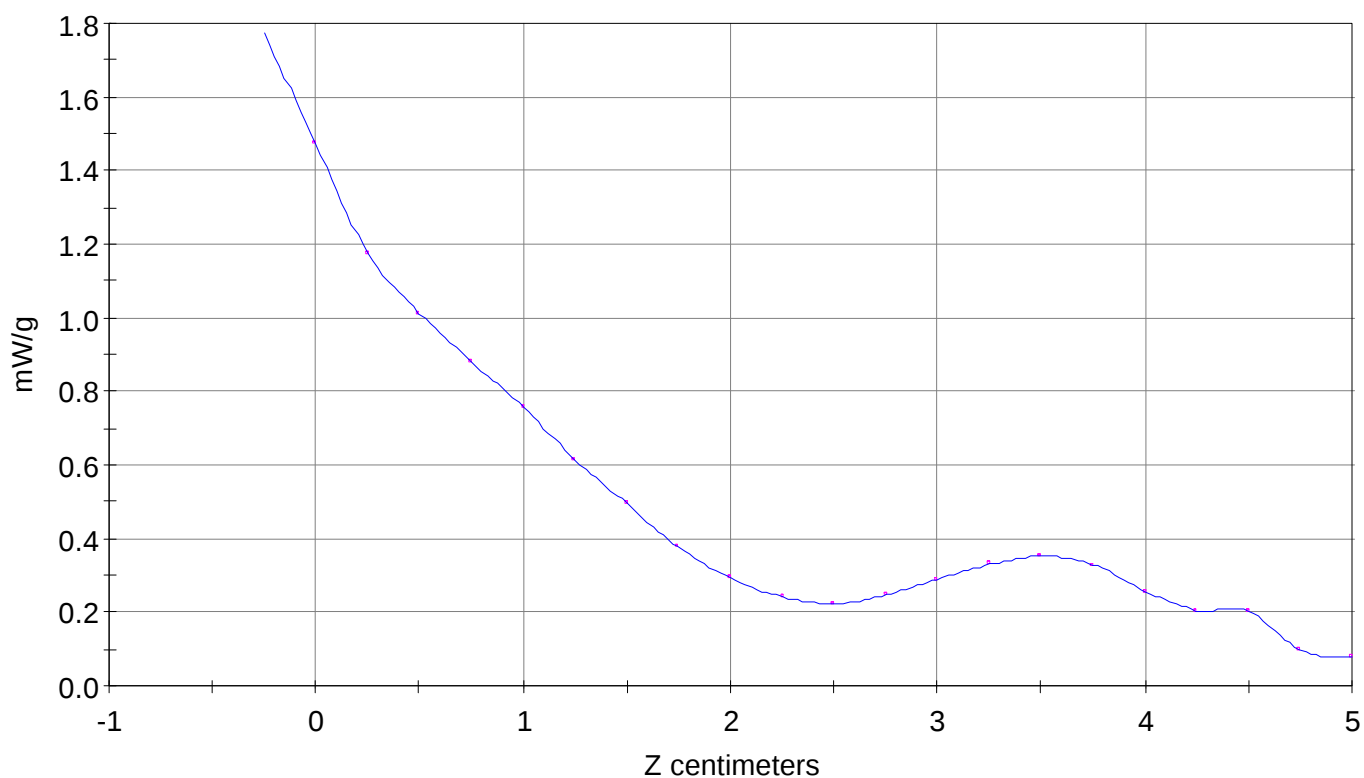
Calc. Voltage @ Surface (Vs) = 0.0243

Voltage @ 1.00 cm (Vt) = 0.0120

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

Ave. SAR over 1 g (mW/g) = 1.3256

SAR Scan
File : 01010511_ZOOM
Start : 5-Jan-101 11:11:08 am End : 5-Jan-101 11:20:23 am
SEWON/SWT-1000/1;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

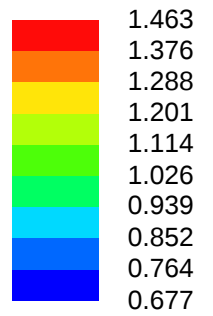
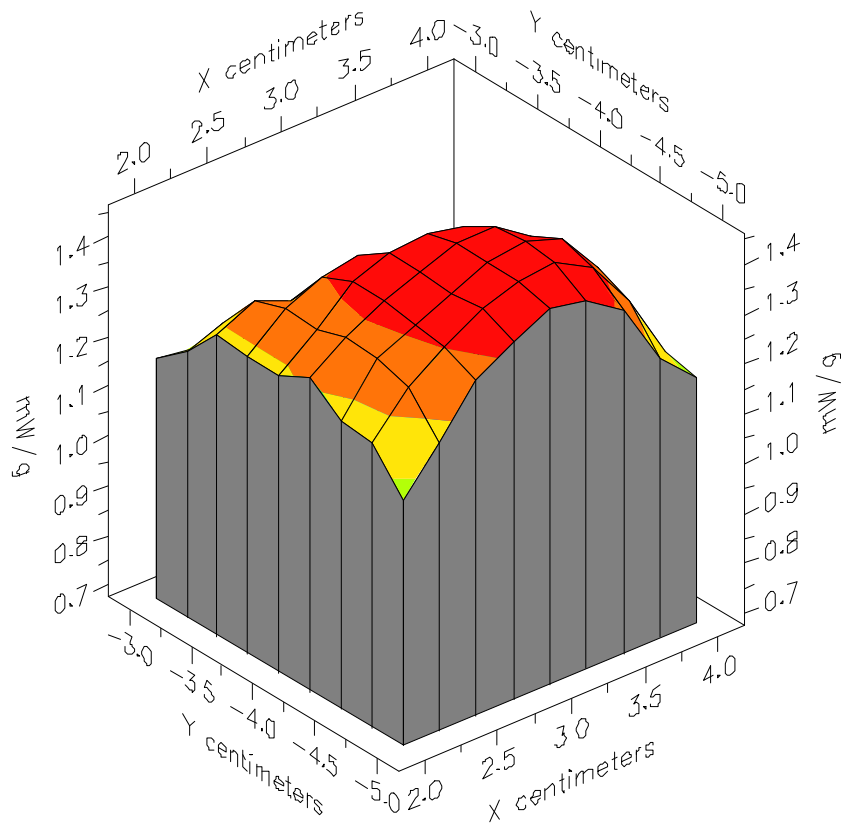


File : 01010511_ZOOM

Start : 5-Jan-101 11:11:08 am End : 5-Jan-101 11:20:23 am

SEWON/SWT-1000/1;848.97MHz;W;Helical/Out;

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

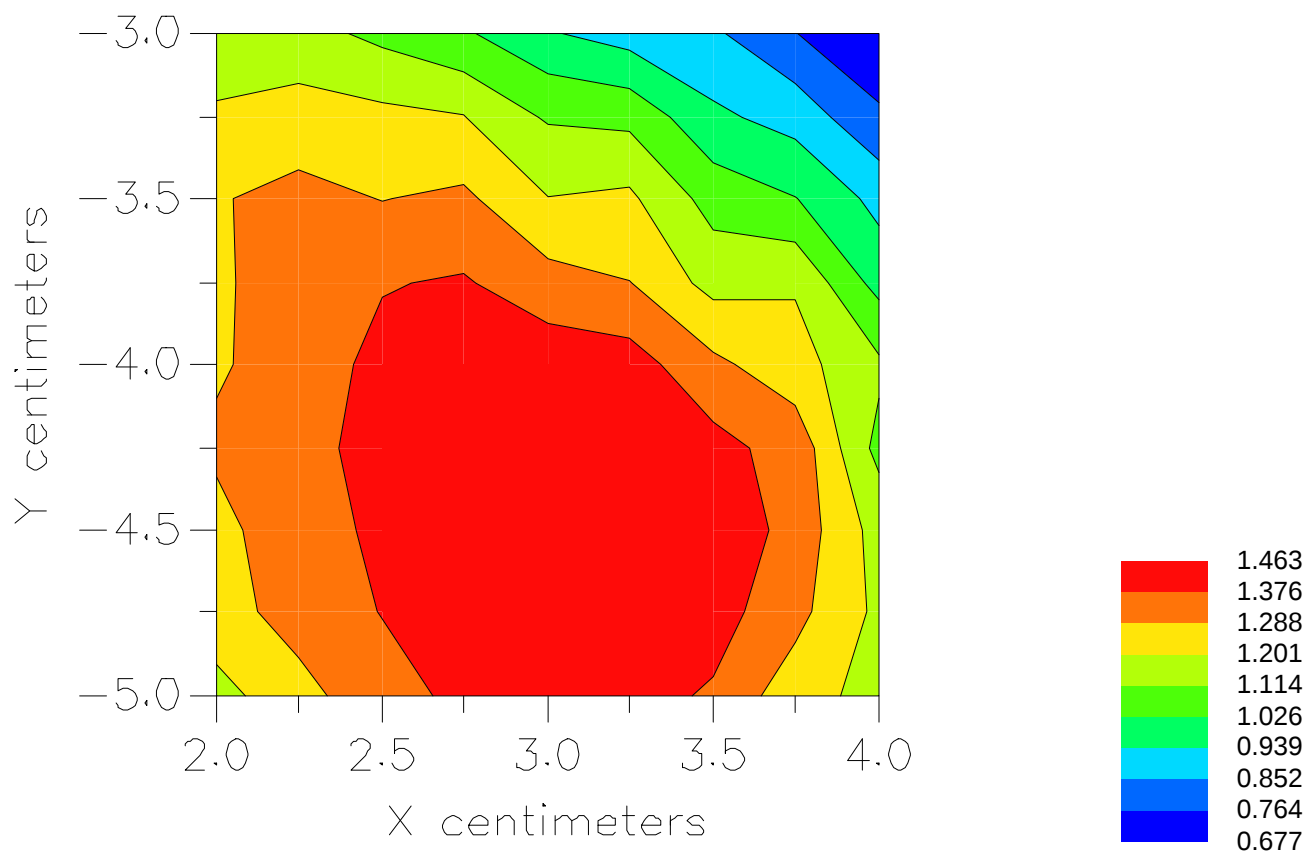


File : 01010511_ZOOM

Start : 5-Jan-101 11:11:08 am End : 5-Jan-101 11:20:23 am

SEWON/SWT-1000/1;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/01010525_ZOOM.VLT
Start : 5-Jan-101 03:30:09 pm End : 5-Jan-101 03:39:54 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr : 0.320 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 :
SEWON TELECOM TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 25.0 dBm
SEWON TELECOM TRI-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 = 3.000, Y = -4.500, Z = 0.000 (cm) Value = 15.555

Measured Values (volts) =
1.496E-002 1.256E-002 1.109E-002 9.754E-003 8.557E-003 7.253E-003
5.950E-003 4.731E-003 3.785E-003 3.267E-003 3.057E-003 3.222E-003
3.607E-003 4.089E-003 4.440E-003 4.343E-003 3.686E-003 2.763E-003
2.417E-003 1.732E-003 1.696E-003

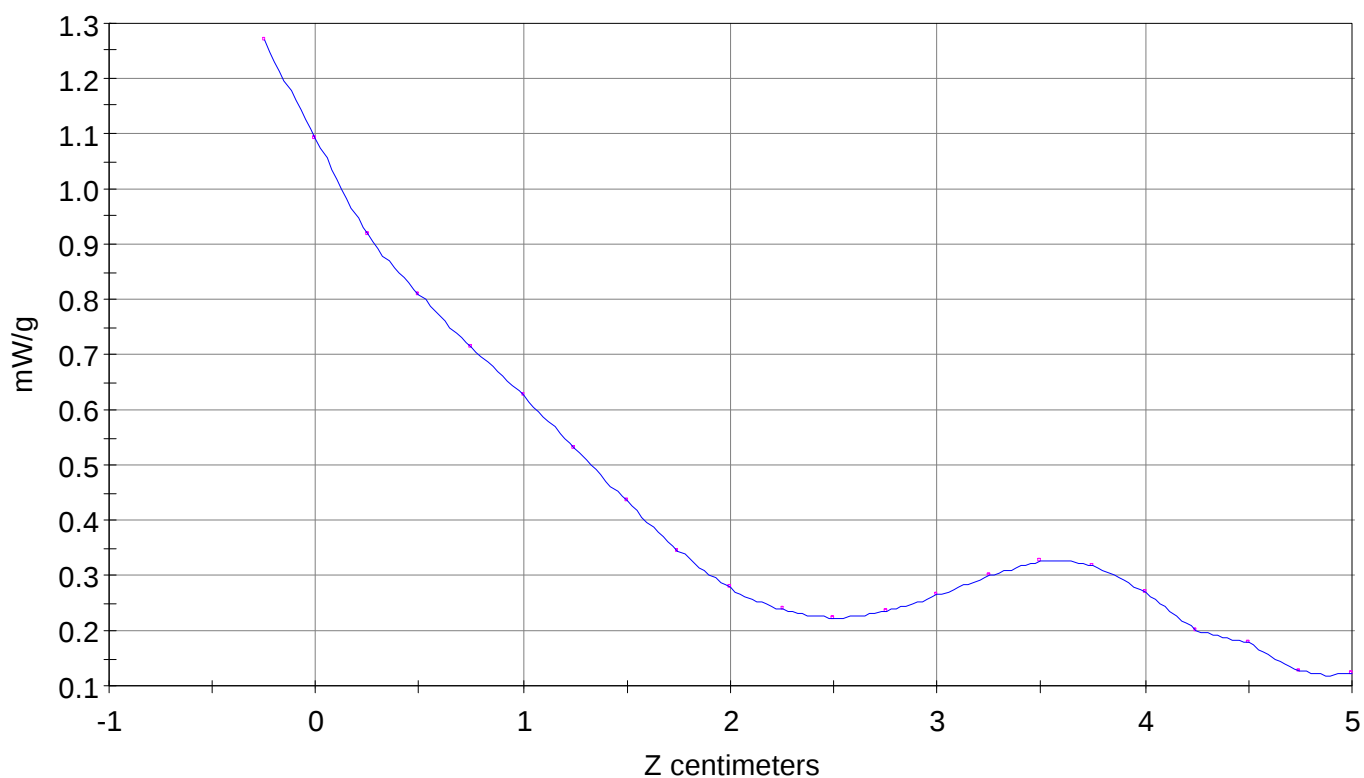
Calc. Voltage @ Surface (Vs) = 0.0174

Voltage @ 1.00 cm (Vt) = 0.0098

Ave. Voltage (Vs+Vt)/2 = 0.0136

Ave. SAR over 1 g (mW/g) = 0.9896

SAR Scan
File : 01010525_ZOOM
Start : 5-Jan-101 03:30:09 pm End : 5-Jan-101 03:39:54 pm
SEWON/SWT-1000/1;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

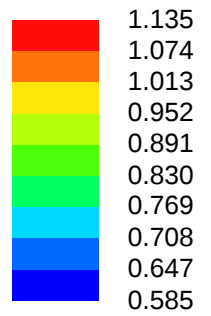
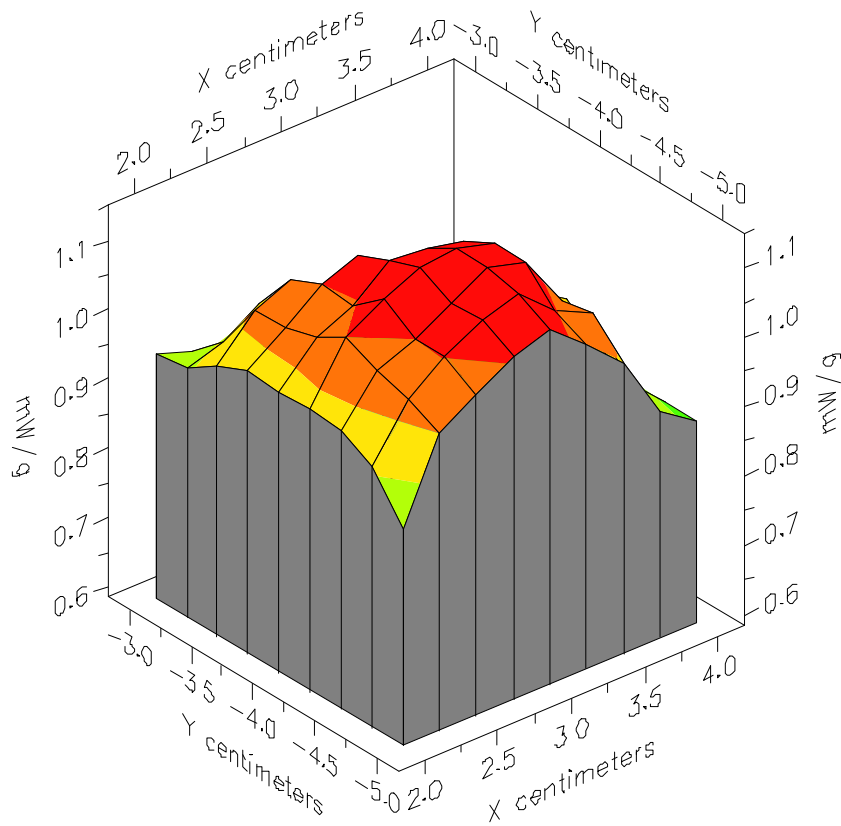


File : 01010525_ZOOM

Start : 5-Jan-101 03:30:09 pm End : 5-Jan-101 03:39:54 pm

SEWON/SWT-1000/1;835.89MHz;W;Helical/In;

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

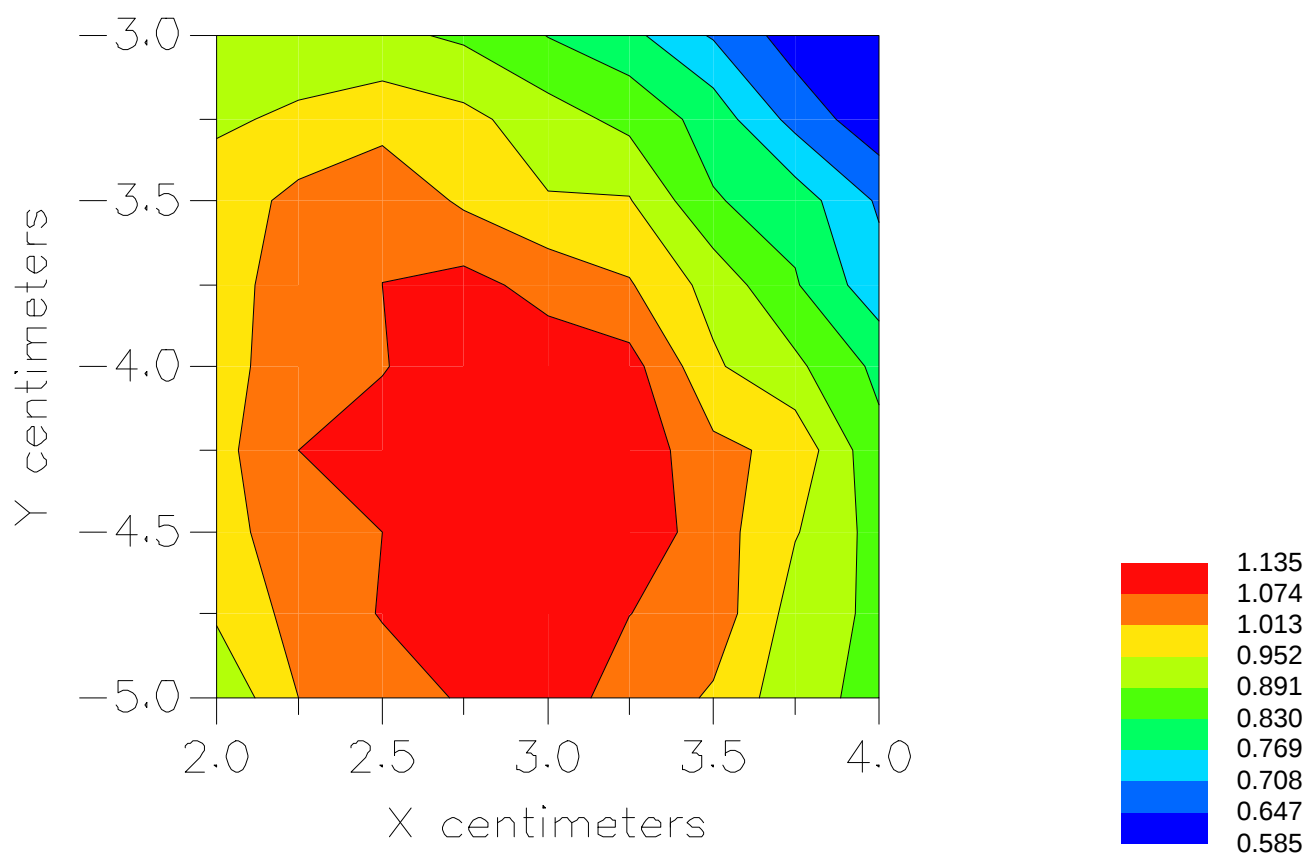


File : 01010525_ZOOM

Start : 5-Jan-101 03:30:09 pm End : 5-Jan-101 03:39:54 pm

SEWON/SWT-1000/1;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/01010526_ZOOM.VLT
Start : 5-Jan-101 03:49:12 pm End : 5-Jan-101 03:58:58 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr : 0.320 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 :
SEWON TELECOM TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 25.0 dBm
SEWON TELECOM TRI-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 = 3.250, Y = -4.500, Z = 0.000 (cm) Value = 14.434

Measured Values (volts) =
1.450E-002 1.207E-002 1.039E-002 9.152E-003 7.904E-003 6.664E-003
5.391E-003 4.392E-003 3.659E-003 3.307E-003 3.210E-003 3.394E-003
3.783E-003 4.218E-003 4.359E-003 4.178E-003 3.533E-003 3.071E-003
3.198E-003 1.994E-003 1.870E-003

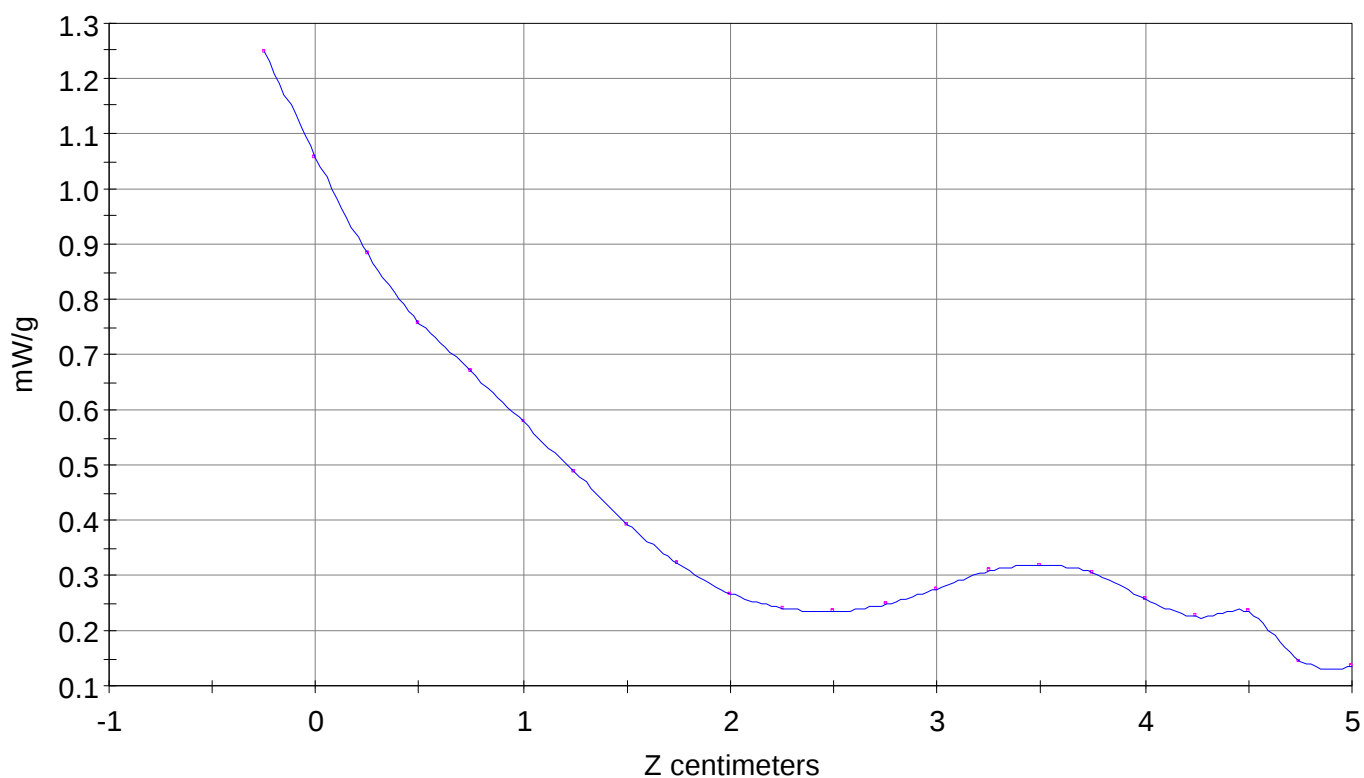
Calc. Voltage @ Surface (Vs) = 0.0171

Voltage @ 1.00 cm (Vt) = 0.0092

Ave. Voltage (Vs+Vt)/2 = 0.0131

Ave. SAR over 1 g (mW/g) = 0.9588

SAR Scan
File : 01010526_ZOOM
Start : 5-Jan-101 03:49:12 pm End : 5-Jan-101 03:58:58 pm
SEWON/SWT-1000/1;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

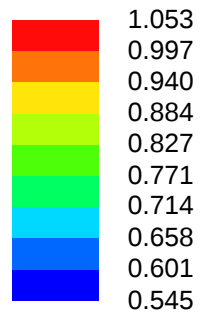
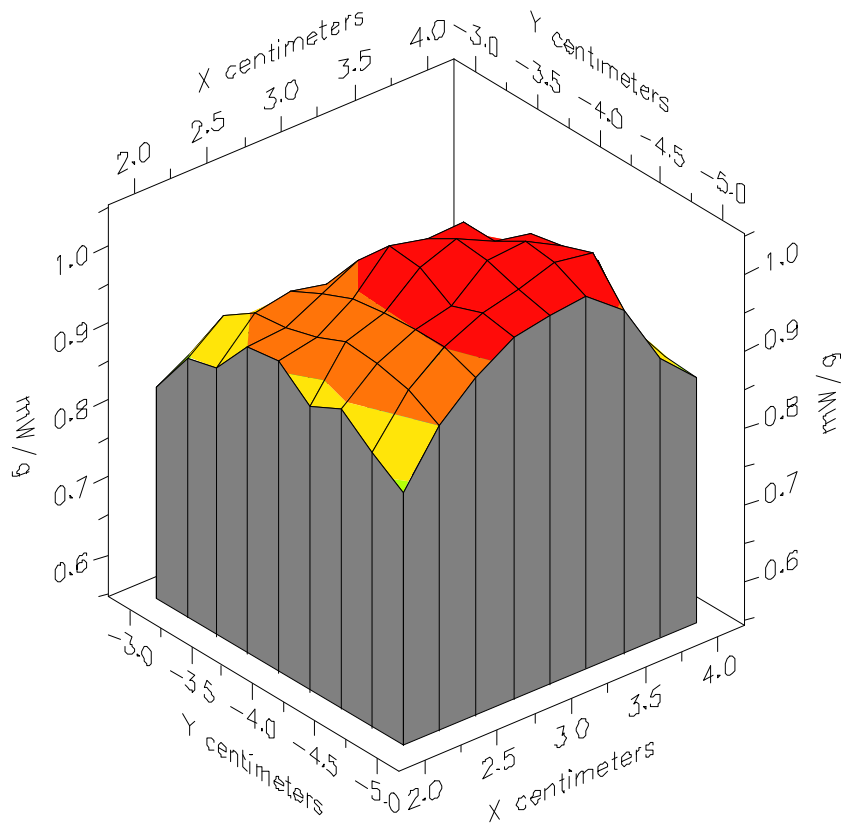


File : 01010526_ZOOM

Start : 5-Jan-101 03:49:12 pm End : 5-Jan-101 03:58:58 pm

SEWON/SWT-1000/1;835.89MHz;W;Helical/Out;

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

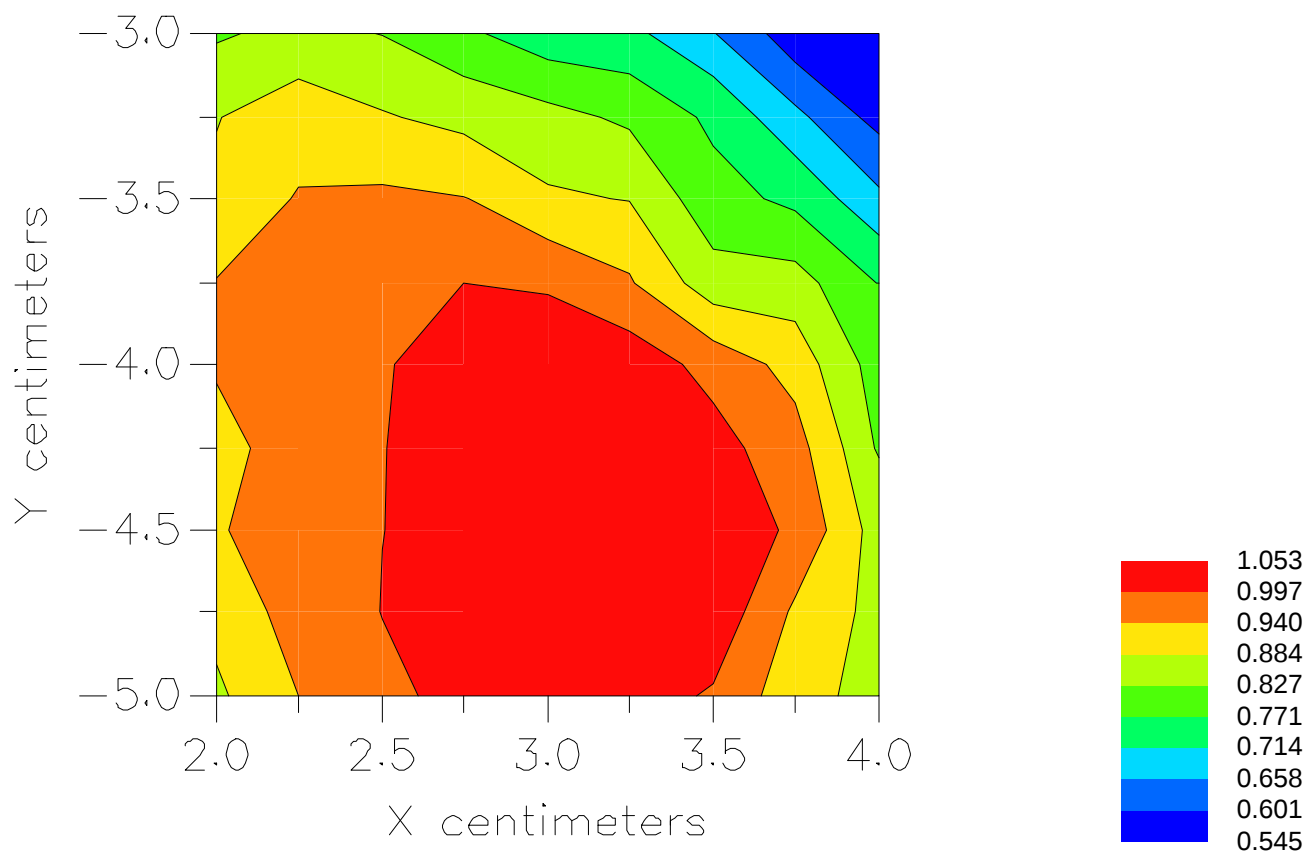


File : 01010526_ZOOM

Start : 5-Jan-101 03:49:12 pm End : 5-Jan-101 03:58:58 pm

SEWON/SWT-1000/1;835.89MHz;W;Helical/Out;

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



Peak SAR Location

PCS Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01011616_ZOOM.VLT
Start : 16-Jan-101 02:00:29 pm End : 16-Jan-101 02:11:42 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 1.850

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CHAN 0025 Conducted 23.5 dBm
SEWON TRI-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 = -1.750, Y = -2.000, Z = 0.000 (cm) Value = 7.591

Measured Values (volts) =
7.695E-003 5.575E-003 3.742E-003 2.571E-003 1.916E-003 1.391E-003
9.953E-004 6.951E-004 5.076E-004 3.484E-004 2.574E-004 1.949E-004
1.518E-004 7.179E-005 5.645E-005 2.910E-005 3.109E-005 2.053E-005
1.213E-005 1.903E-005 2.503E-005

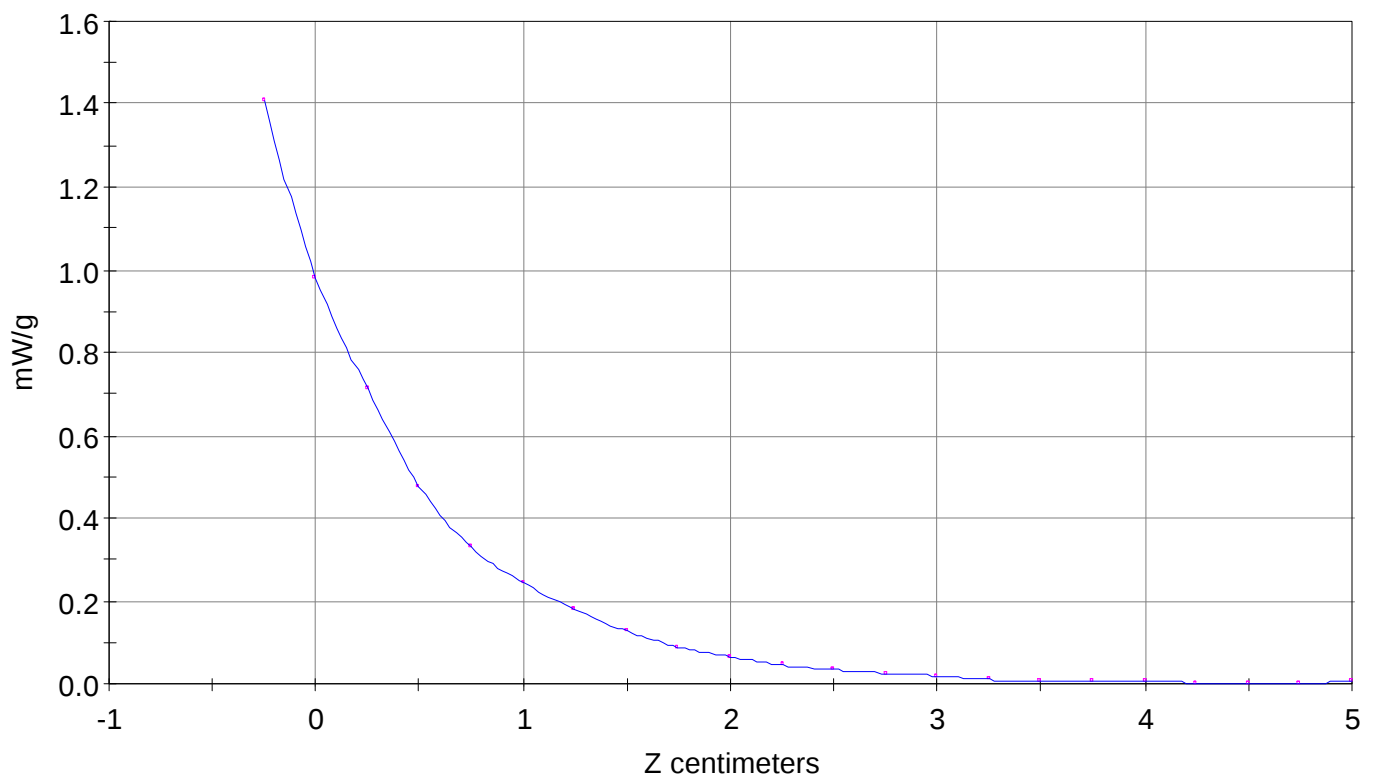
Calc. Voltage @ Surface (Vs) = 0.0110

Voltage @ 1.00 cm (Vt) = 0.0026

Ave. Voltage (Vs+Vt)/2 = 0.0068

Ave. SAR over 1 g (mW/g) = 0.8686

SAR Scan
File : 01011616_ZOOM
Start : 16-Jan-101 02:00:29 pm End : 16-Jan-101 02:11:42 pm
SEWON/SWT-1000/1;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

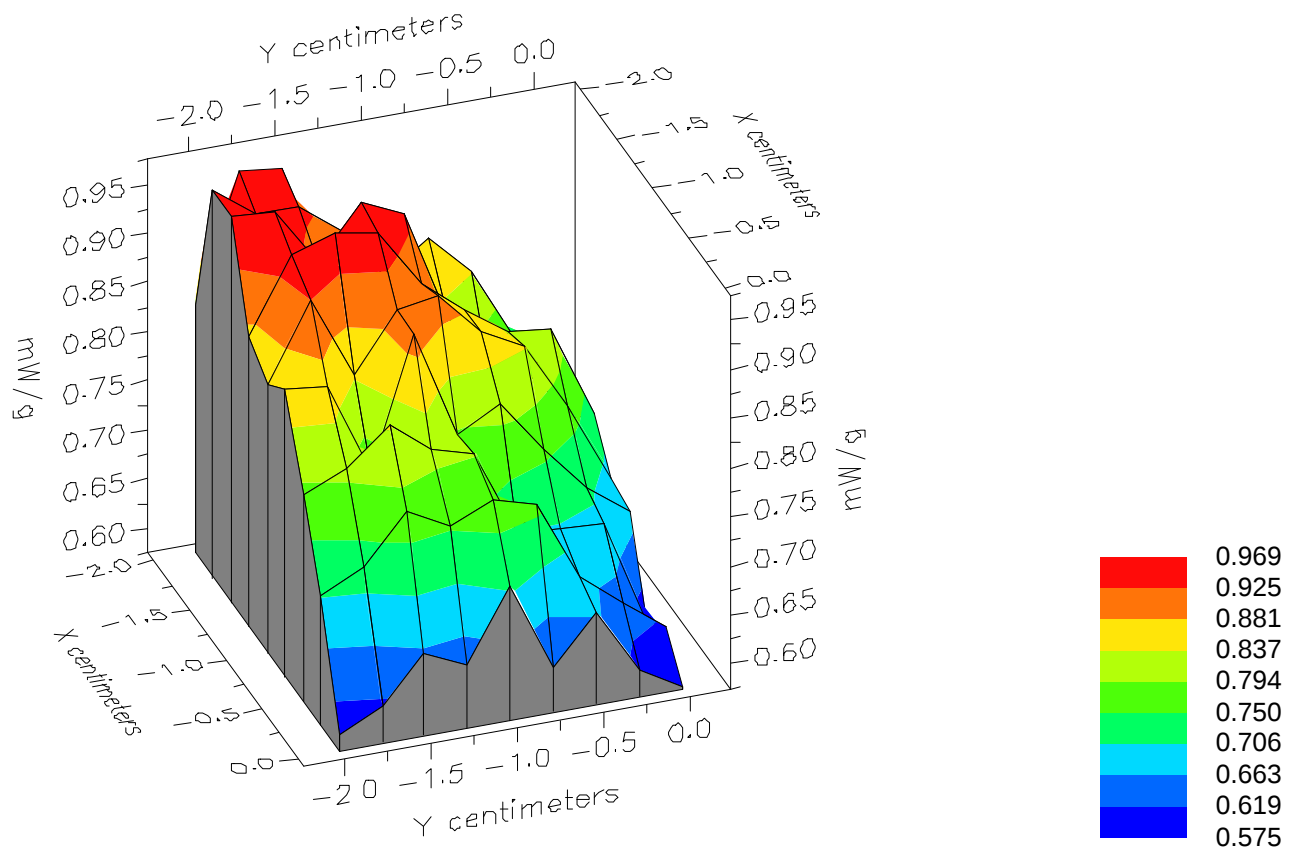


File : 01011616_ZOOM

Start : 16-Jan-101 02:00:29 pm End : 16-Jan-101 02:11:42 pm

SEWON/SWT-1000/1;1851.25MHz;W;Helical/In;

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

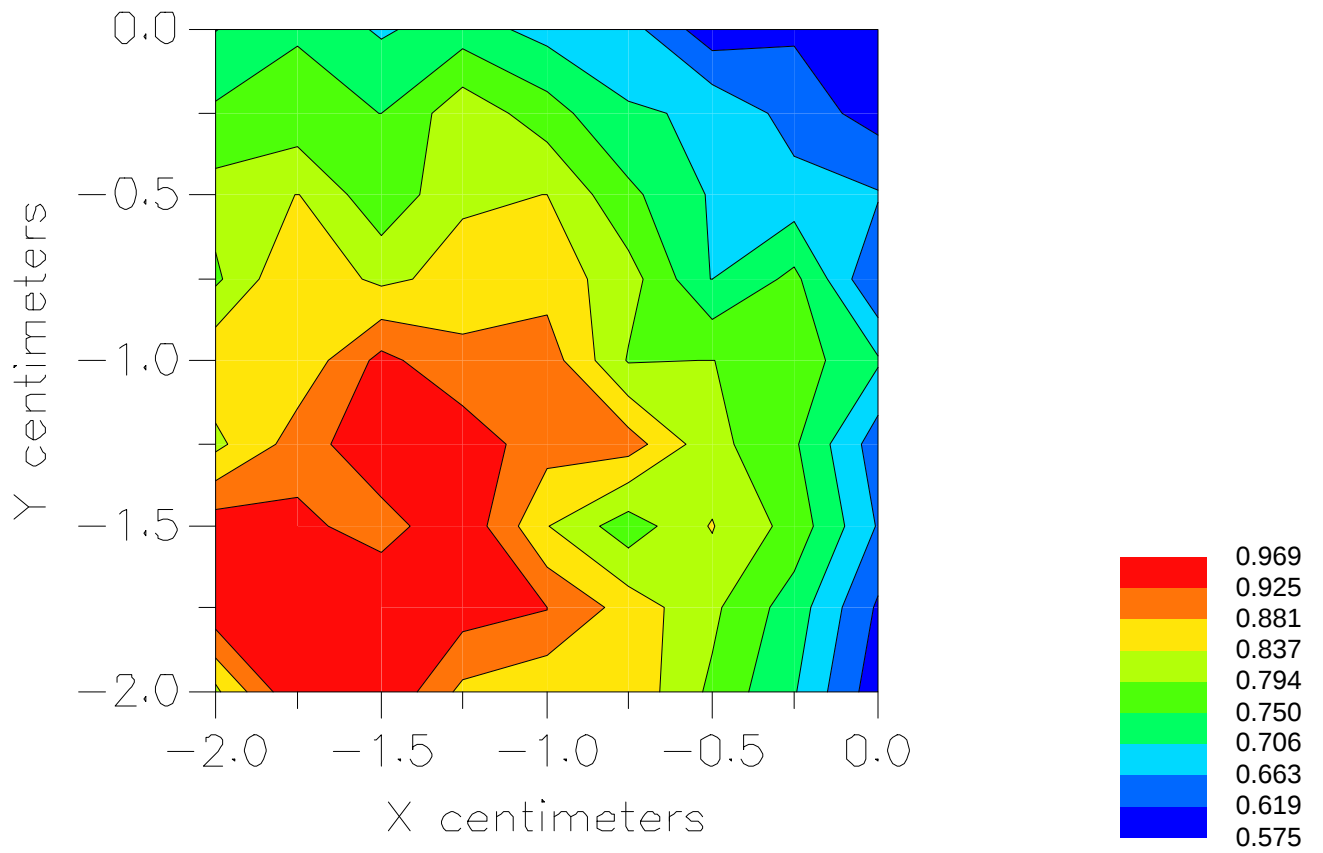


File : 01011616_ZOOM

Start : 16-Jan-101 02:00:29 pm End : 16-Jan-101 02:11:42 pm

SEWON/SWT-1000/1;1851.25MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01011620_ZOOM.VLT
Start : 16-Jan-101 03:08:33 pm End : 16-Jan-101 03:16:14 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 1.850

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CHAN 0025 Conducted 23.5 dBm
SEWON TRI-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 = -1.500, Z = 0.000 (cm) Value = 3.643

Measured Values (volts) =
3.147E-003 2.313E-003 1.649E-003 1.205E-003 9.229E-004 7.011E-004
5.181E-004 3.906E-004 2.952E-004 1.802E-004 1.529E-004 6.153E-005
2.903E-005 1.844E-005 2.920E-005 1.621E-005 7.755E-007 1.050E-005
4.723E-006 1.713E-005 1.741E-005

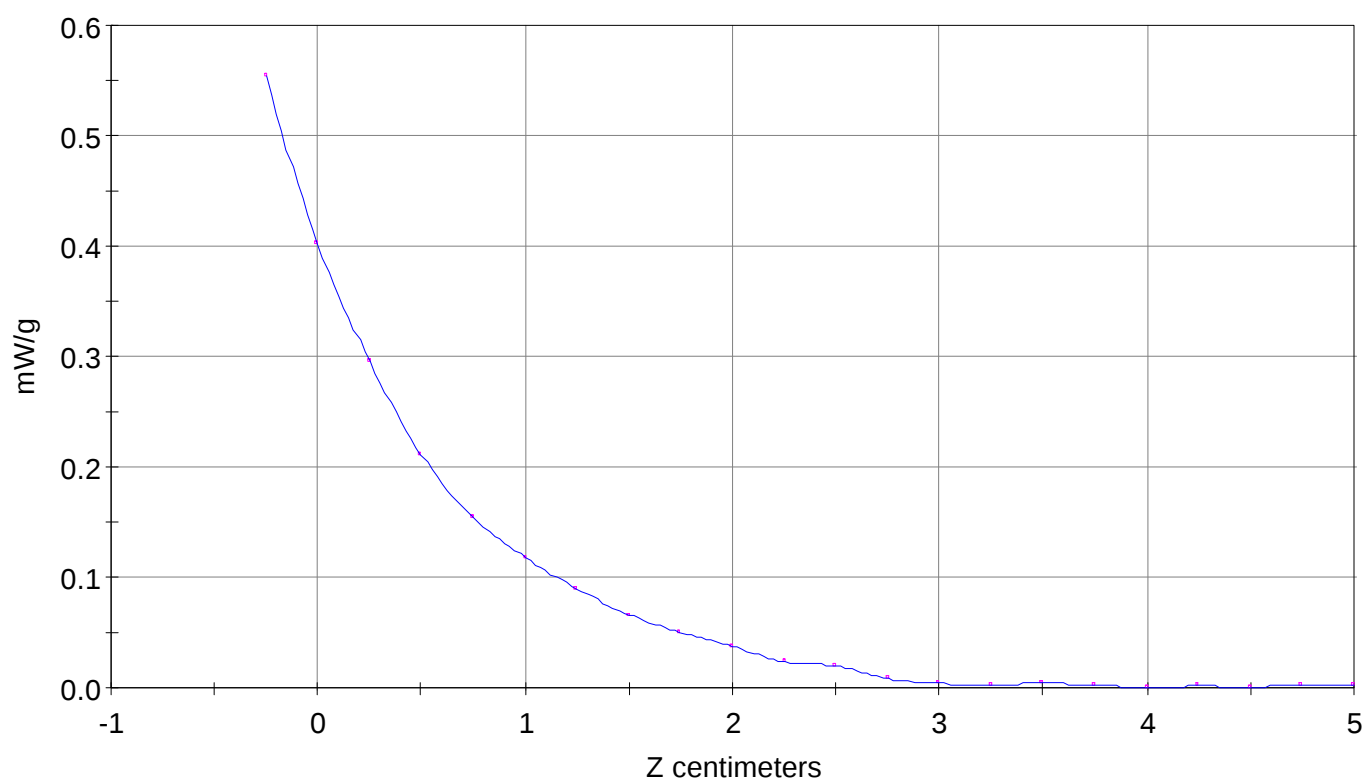
Calc. Voltage @ Surface (Vs) = 0.0043

Voltage @ 1.00 cm (Vt) = 0.0012

Ave. Voltage (Vs+Vt)/2 = 0.0028

Ave. SAR over 1 g (mW/g) = 0.3543

SAR Scan
File : 01011620_ZOOM
Start : 16-Jan-101 03:08:33 pm End : 16-Jan-101 03:16:14 pm
SEWON/SWT-1000/1;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

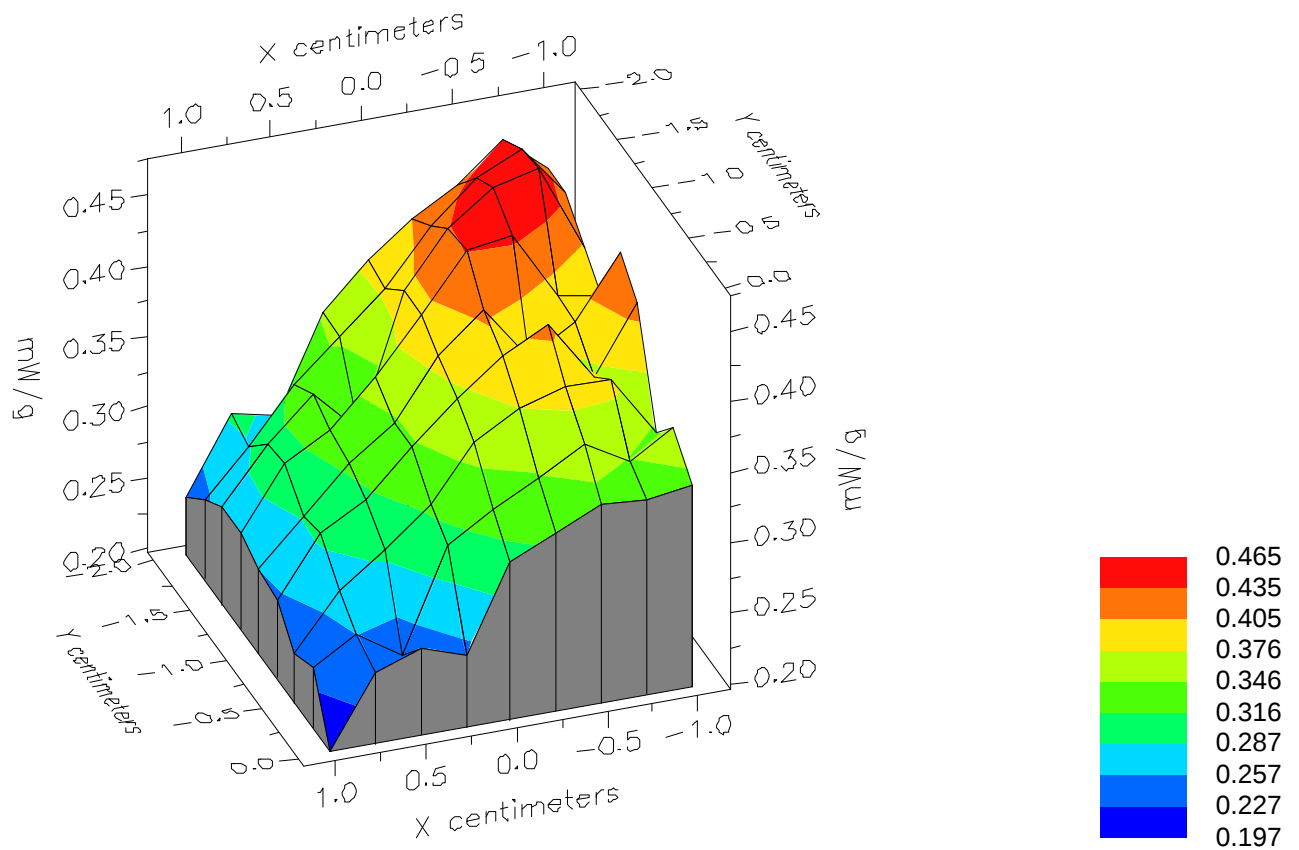


File : 01011620_ZOOM

Start : 16-Jan-101 03:08:33 pm End : 16-Jan-101 03:16:14 pm

SEWON/SWT-1000/1;1851.25MHz;W;Helical/Out;

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

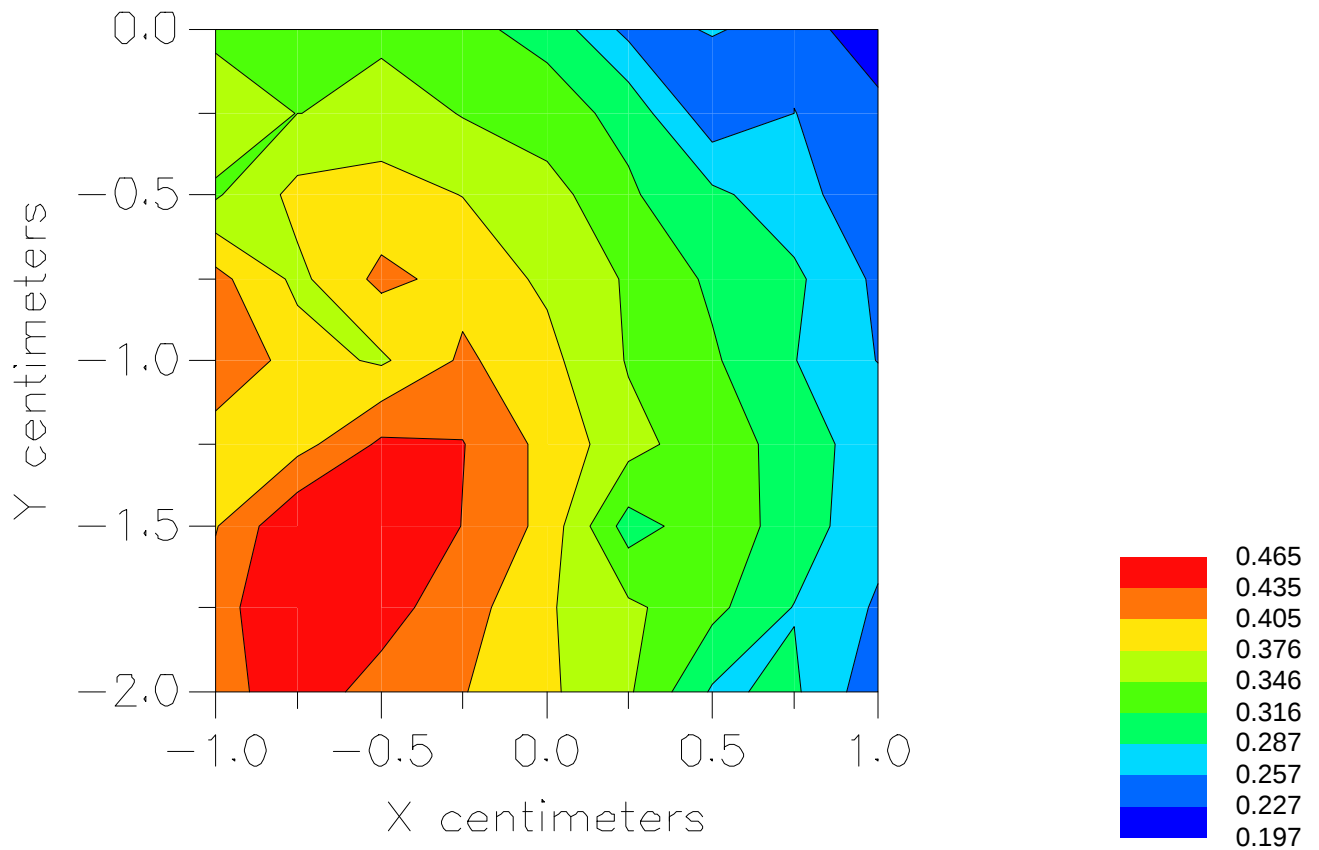


File : 01011620_ZOOM

Start : 16-Jan-101 03:08:33 pm End : 16-Jan-101 03:16:14 pm

SEWON/SWT-1000/1;1851.25MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01011610_ZOOM.VLT
Start : 16-Jan-101 12:21:25 pm End : 16-Jan-101 12:28:49 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 1.850

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CHAN 0600 Conducted 23.5 dBm
SEWON TRI-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 = -2.000, Y = -1.000, Z = 0.000 (cm) Value = 6.064

Measured Values (volts) =
5.633E-003 3.945E-003 2.802E-003 2.106E-003 1.517E-003 1.111E-003
8.732E-004 6.263E-004 4.271E-004 2.802E-004 1.789E-004 1.566E-004
9.439E-005 5.118E-005 3.120E-005 2.774E-005 7.191E-006 3.440E-005
3.044E-005 1.276E-005 5.068E-005

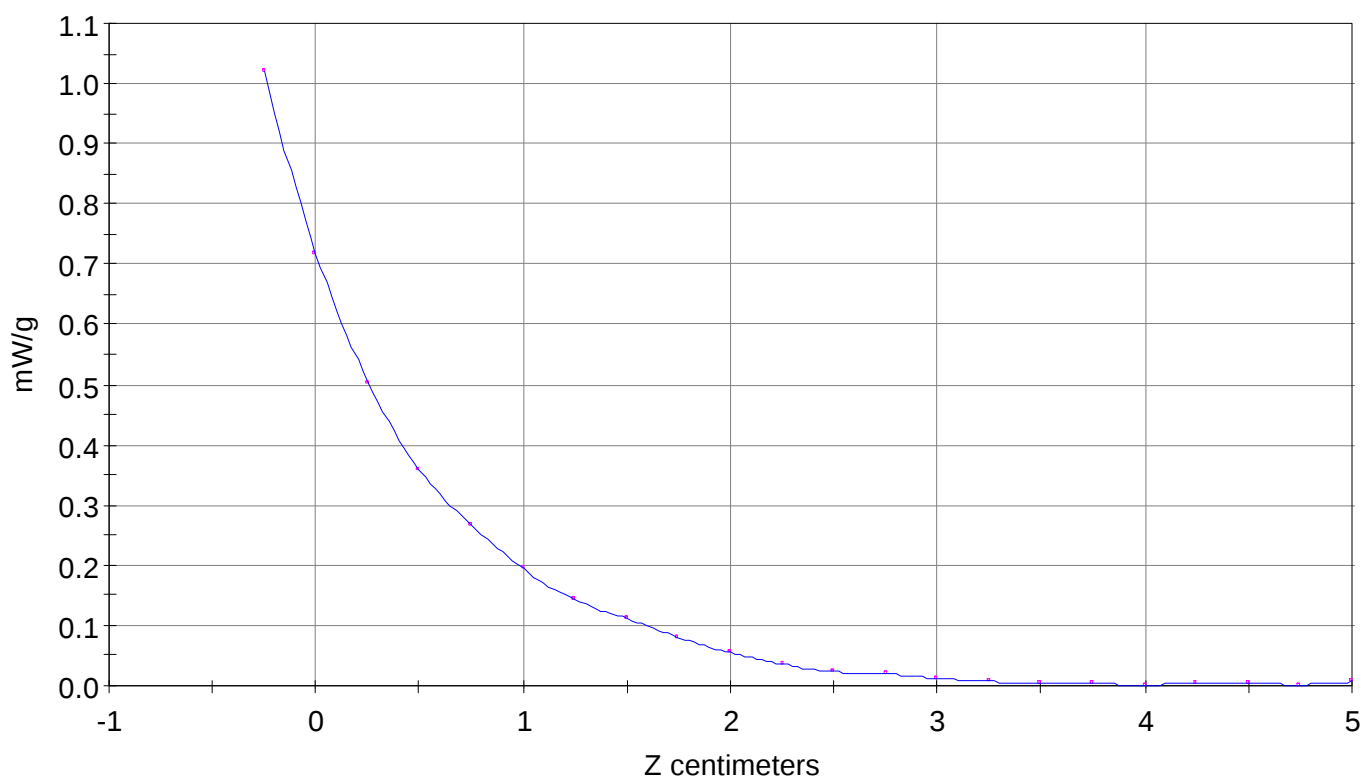
Calc. Voltage @ Surface (Vs) = 0.0080

Voltage @ 1.00 cm (Vt) = 0.0021

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

Ave. SAR over 1 g (mW/g) = 0.6440

SAR Scan
File : 01011610_ZOOM
Start : 16-Jan-10 12:21:25 pm End : 16-Jan-10 12:28:49 pm
SEWON/SWT-1000/1;1880.00MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 Degrees Muscle/54.200/1.850

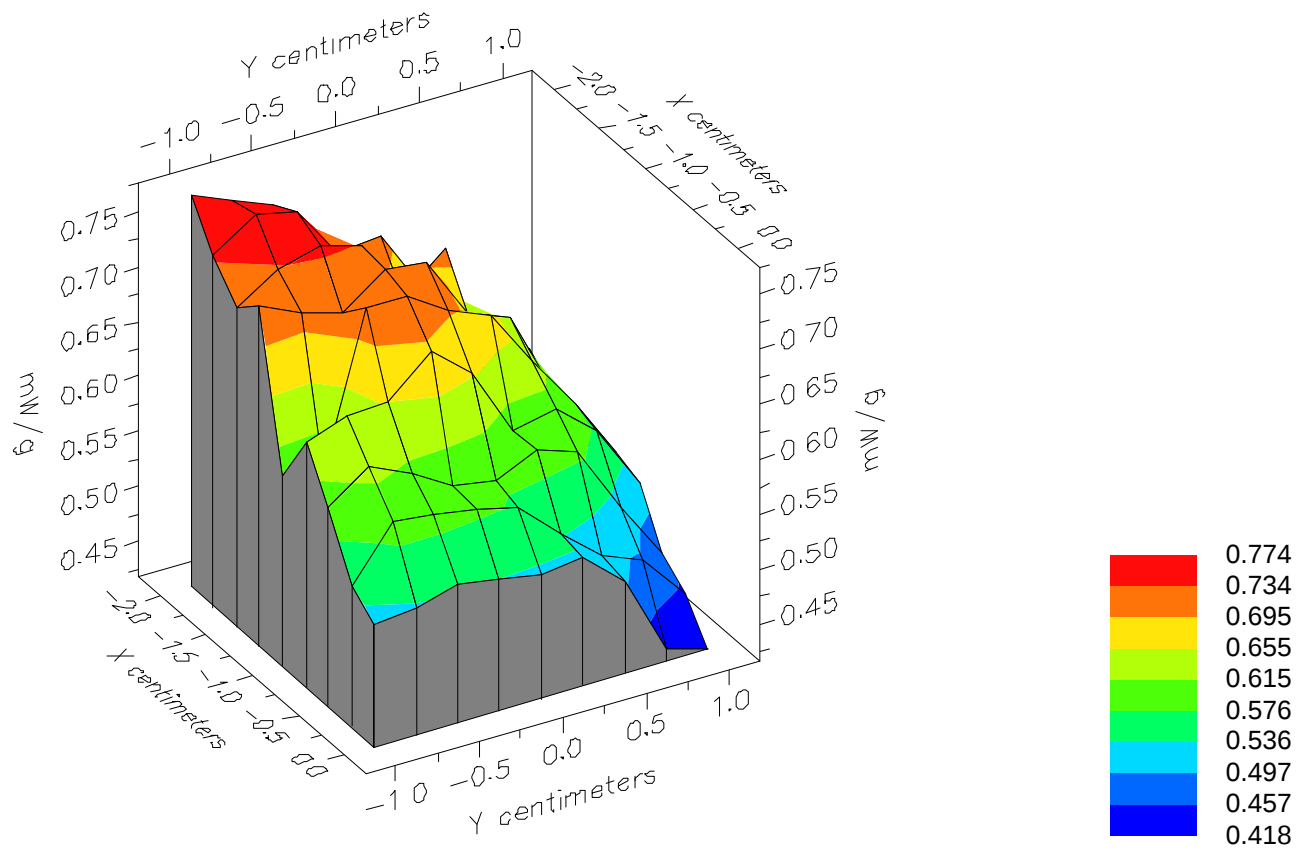


File : 01011610_ZOOM

Start : 16-Jan-101 12:21:25 pm End : 16-Jan-101 12:28:49 pm

SEWON/SWT-1000/1;1880.00MHz;W;Helical/In;

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

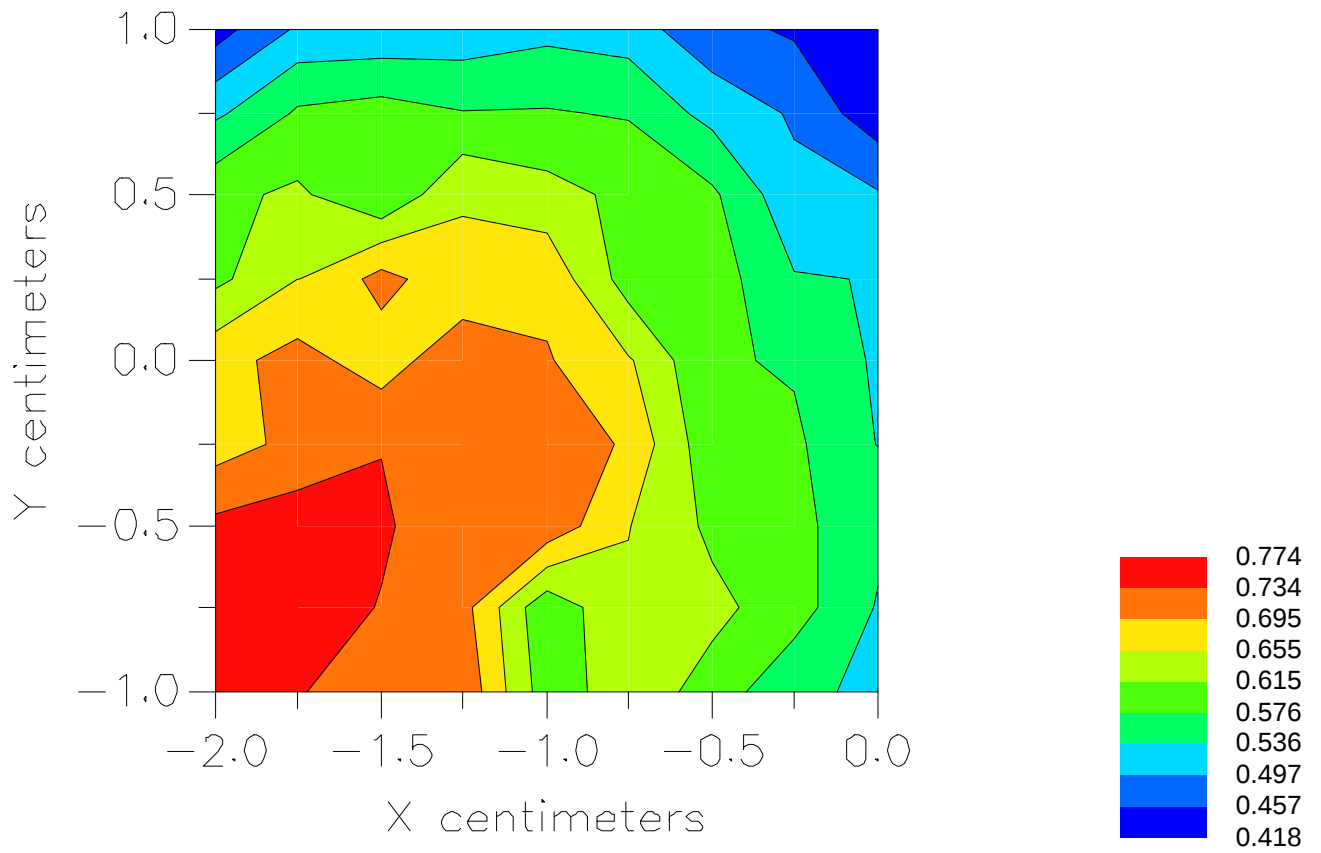


File : 01011610_ZOOM

Start : 16-Jan-101 12:21:25 pm End : 16-Jan-101 12:28:49 pm

SEWON/SWT-1000/1;1880.00MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01011613_ZOOM.VLT
Start : 16-Jan-101 01:04:48 pm End : 16-Jan-101 01:12:22 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 1.850

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CHAN 0600 Conducted 23.5 dBm
SEWON TRI-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 = -6.500, Y = -2.750, Z = 0.000 (cm) Value = 5.362

Measured Values (volts) =
5.454E-003 4.180E-003 2.939E-003 2.117E-003 1.599E-003 1.182E-003
8.136E-004 5.961E-004 3.574E-004 3.547E-004 2.510E-004 1.635E-004
7.905E-005 7.087E-005 1.060E-004 1.415E-004 8.603E-005 3.425E-005
1.741E-005 1.100E-005 2.418E-005

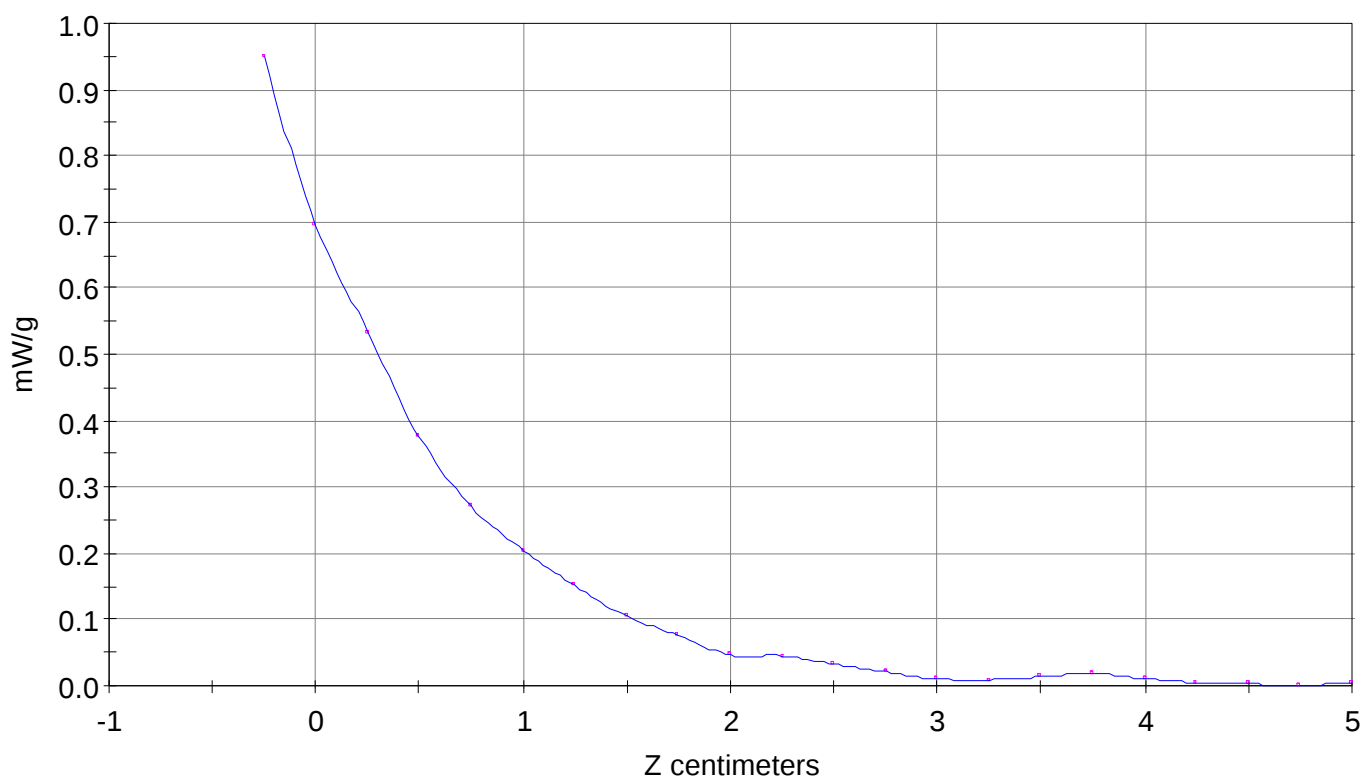
Calc. Voltage @ Surface (Vs) = 0.0074

Voltage @ 1.00 cm (Vt) = 0.0021

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

Ave. SAR over 1 g (mW/g) = 0.6094

SAR Scan
File : 01011613_ZOOM
Start : 16-Jan-101 01:04:48 pm End : 16-Jan-101 01:12:22 pm
SEWON/SWT-1000/1;1880.00MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

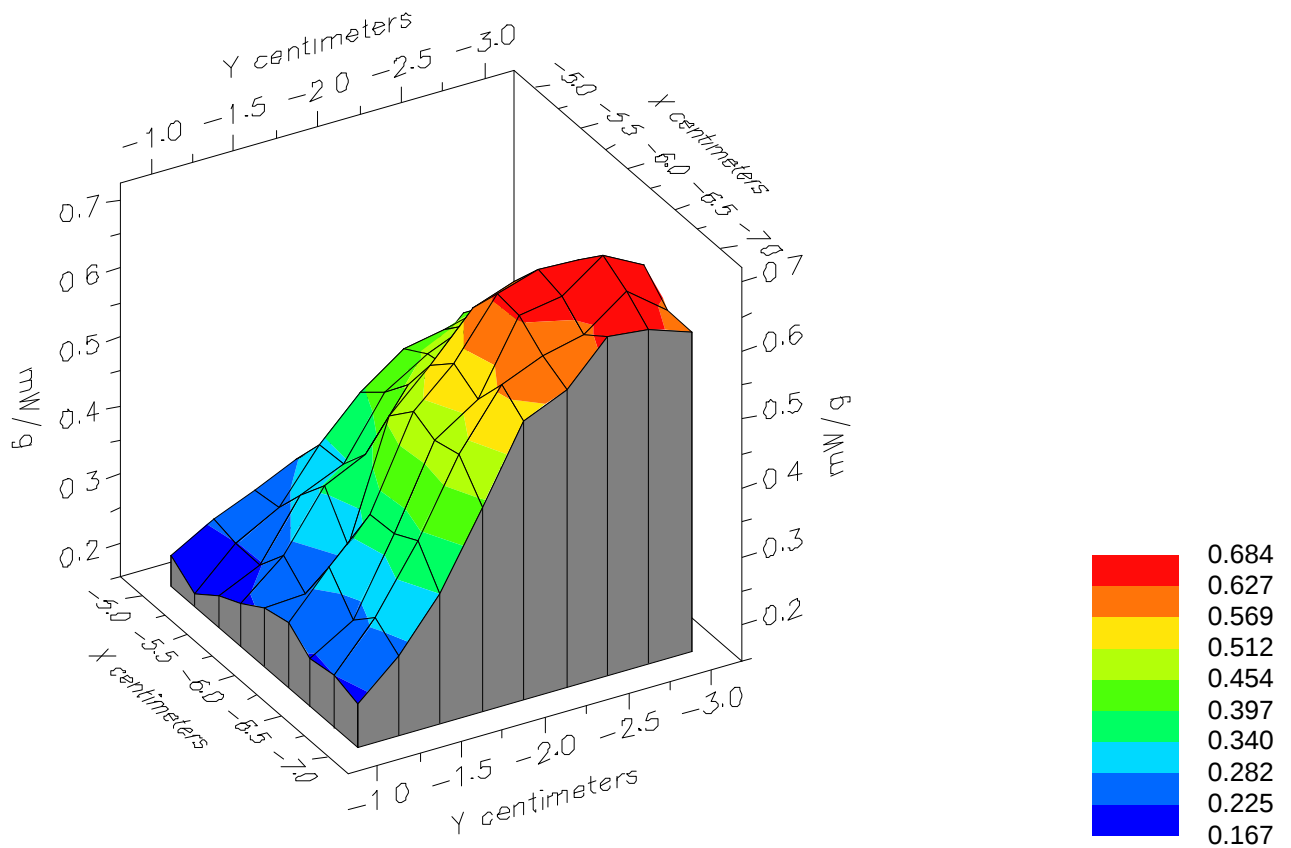


File : 01011613_ZOOM

Start : 16-Jan-101 01:04:48 pm End : 16-Jan-101 01:12:22 pm

SEWON/SWT-1000/1;1880.00MHz;W;Helical/Out;

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

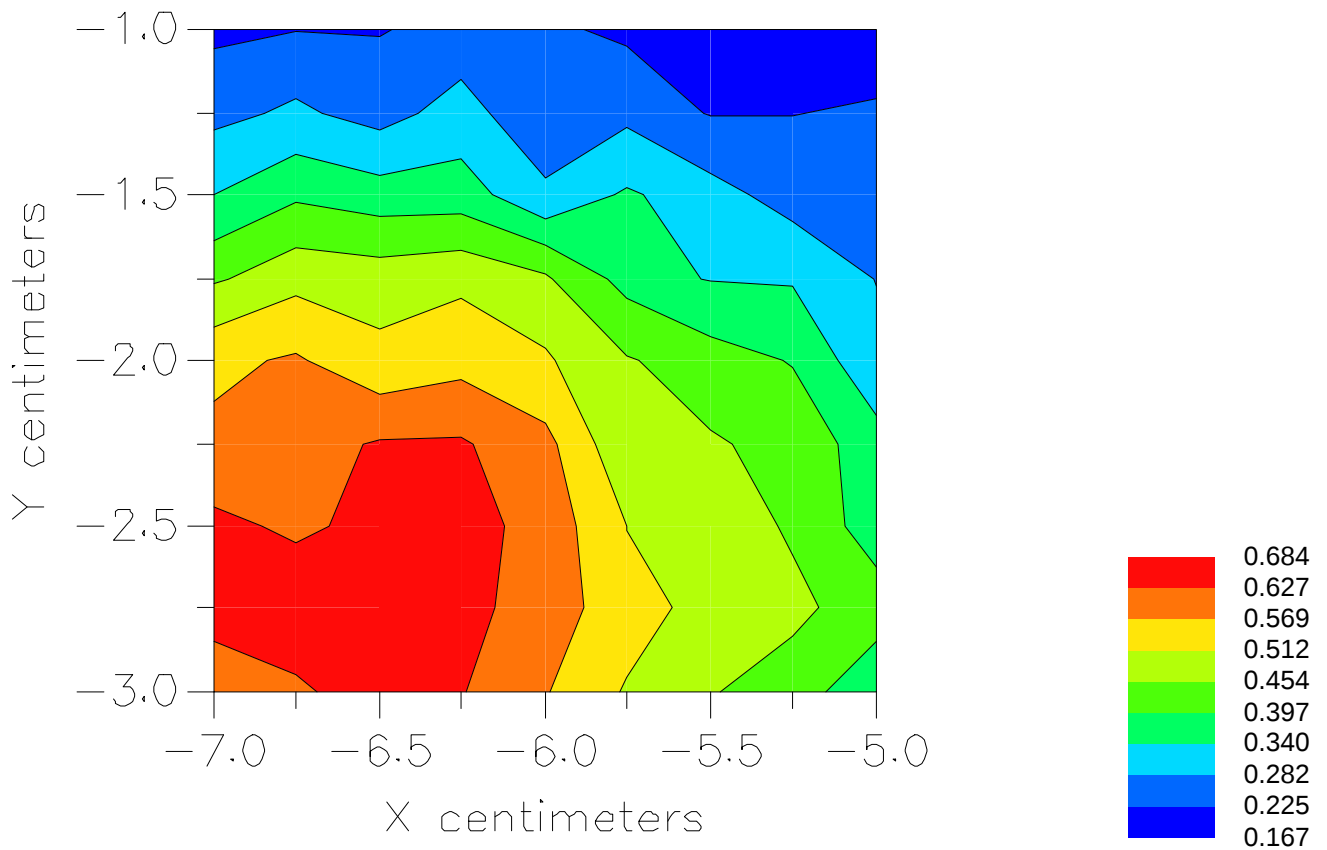


File : 01011613_ZOOM

Start : 16-Jan-101 01:04:48 pm End : 16-Jan-101 01:12:22 pm

SEWON/SWT-1000/1;1880.00MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01011615_ZOOM.VLT
Start : 16-Jan-101 01:47:10 pm End : 16-Jan-101 01:54:37 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 1.850

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CHAN 1175 Conducted 23.5 dBm
SEWON TRI-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 = -1.250, Y = -1.000, Z = 0.000 (cm) Value = 5.228

Measured Values (volts) =
4.781E-003 3.197E-003 2.282E-003 1.662E-003 1.290E-003 9.194E-004
7.373E-004 4.982E-004 3.590E-004 2.702E-004 1.490E-004 1.361E-004
1.101E-004 5.399E-005 3.334E-005 2.299E-005 2.037E-005 1.882E-005
2.488E-005 7.191E-006 2.263E-005

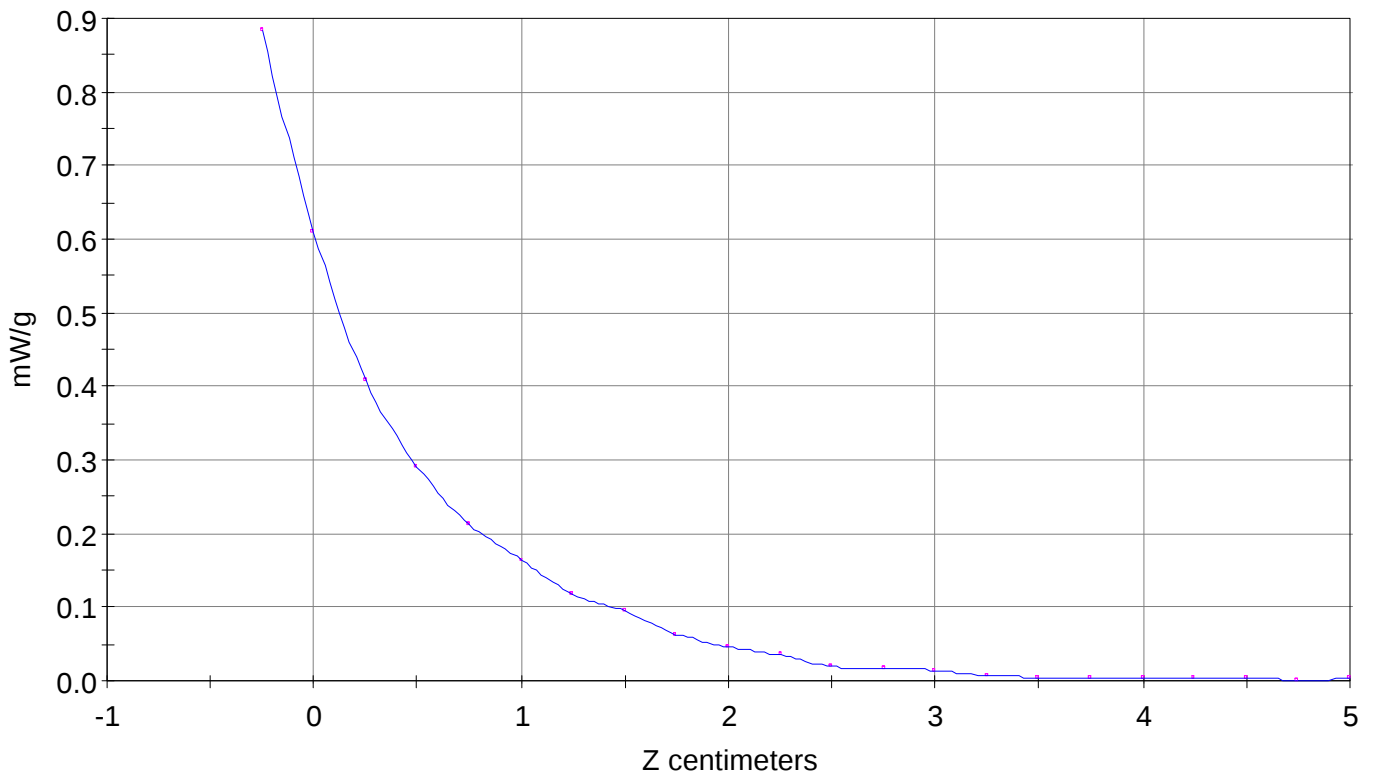
Calc. Voltage @ Surface (Vs) = 0.0069

Voltage @ 1.00 cm (Vt) = 0.0017

Ave. Voltage (Vs+Vt)/2 = 0.0043

Ave. SAR over 1 g (mW/g) = 0.5478

SAR Scan
File : 01011615_ZOOM
Start : 16-Jan-101 01:47:10 pm End : 16-Jan-101 01:54:37 pm
SEWON/SWT-1000/1;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

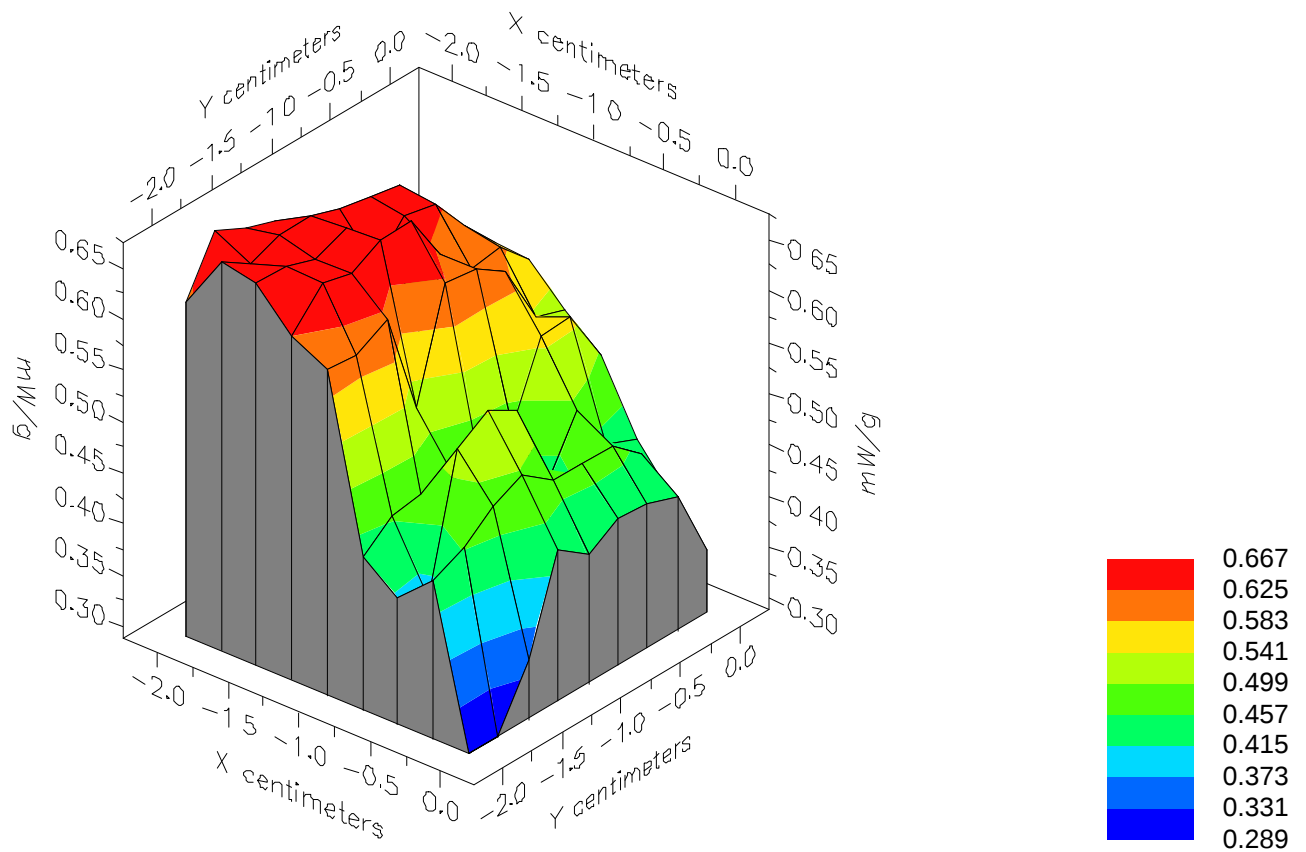


File : 01011615_ZOOM

Start : 16-Jan-101 01:47:10 pm End : 16-Jan-101 01:54:37 pm

SEWON/SWT-1000/1;1908.75MHz;W;Helical/In;

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

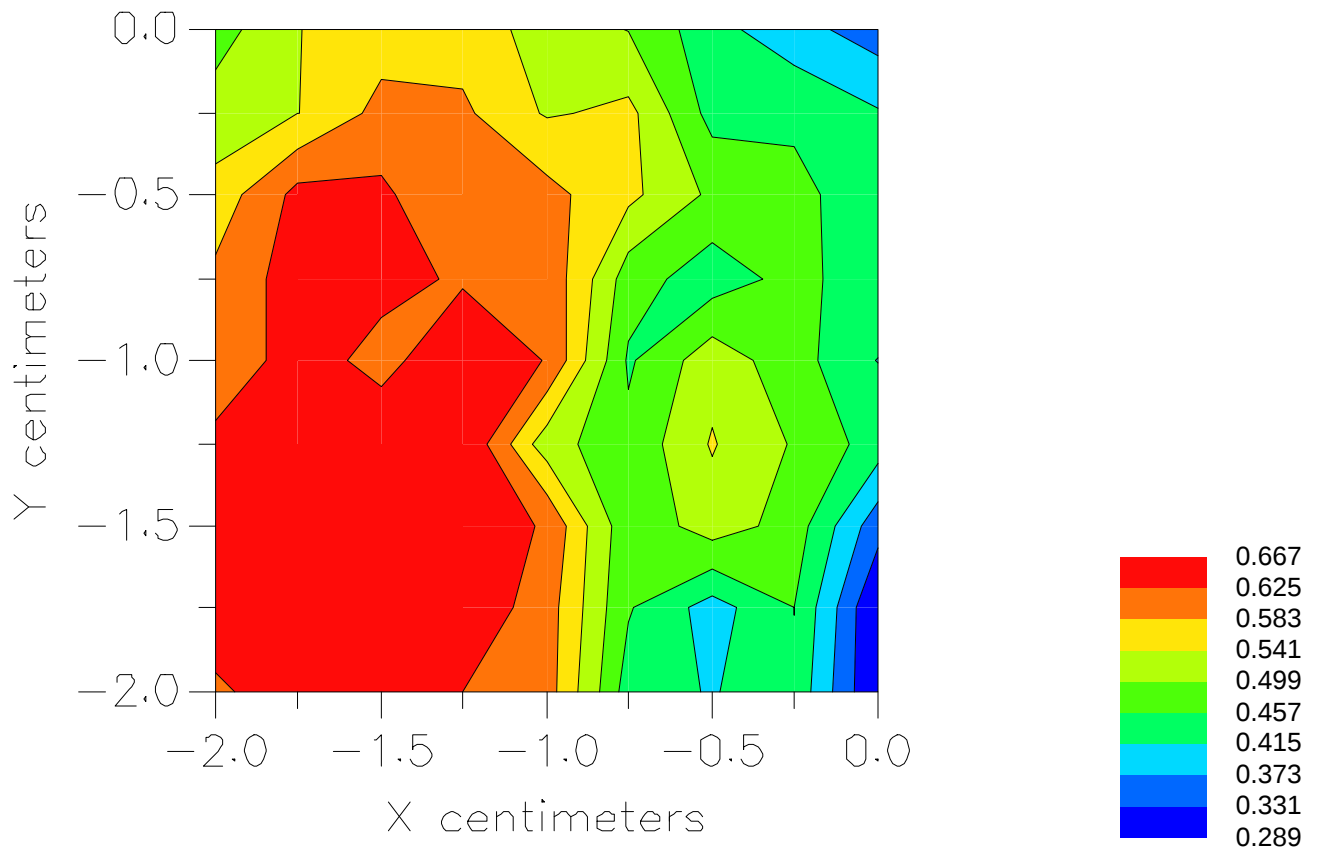


File : 01011615_ZOOM

Start : 16-Jan-101 01:47:10 pm End : 16-Jan-101 01:54:37 pm

SEWON/SWT-1000/1;1908.75MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01011618_ZOOM.VLT
Start : 16-Jan-101 02:49:36 pm End : 16-Jan-101 02:57:17 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr: 0.225 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 = 1.850

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CHAN 1175 Conducted 23.5 dBm
SEWON TRI-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 = -1.000, Y = -1.500, Z = 0.000 (cm) Value = 3.853

Measured Values (volts) =
3.520E-003 2.544E-003 1.829E-003 1.259E-003 9.377E-004 7.163E-004
5.148E-004 3.583E-004 4.214E-004 1.947E-004 1.421E-004 1.081E-004
1.765E-004 1.086E-004 2.970E-005 5.851E-006 3.525E-006 5.781E-006
2.517E-005 1.847E-005 1.903E-005

Calc. Voltage @ Surface (Vs) = 0.0049

Voltage @ 1.00 cm (Vt) = 0.0013

Ave. Voltage (Vs+Vt)/2 = 0.0031

Ave. SAR over 1 g (mW/g) = 0.3919

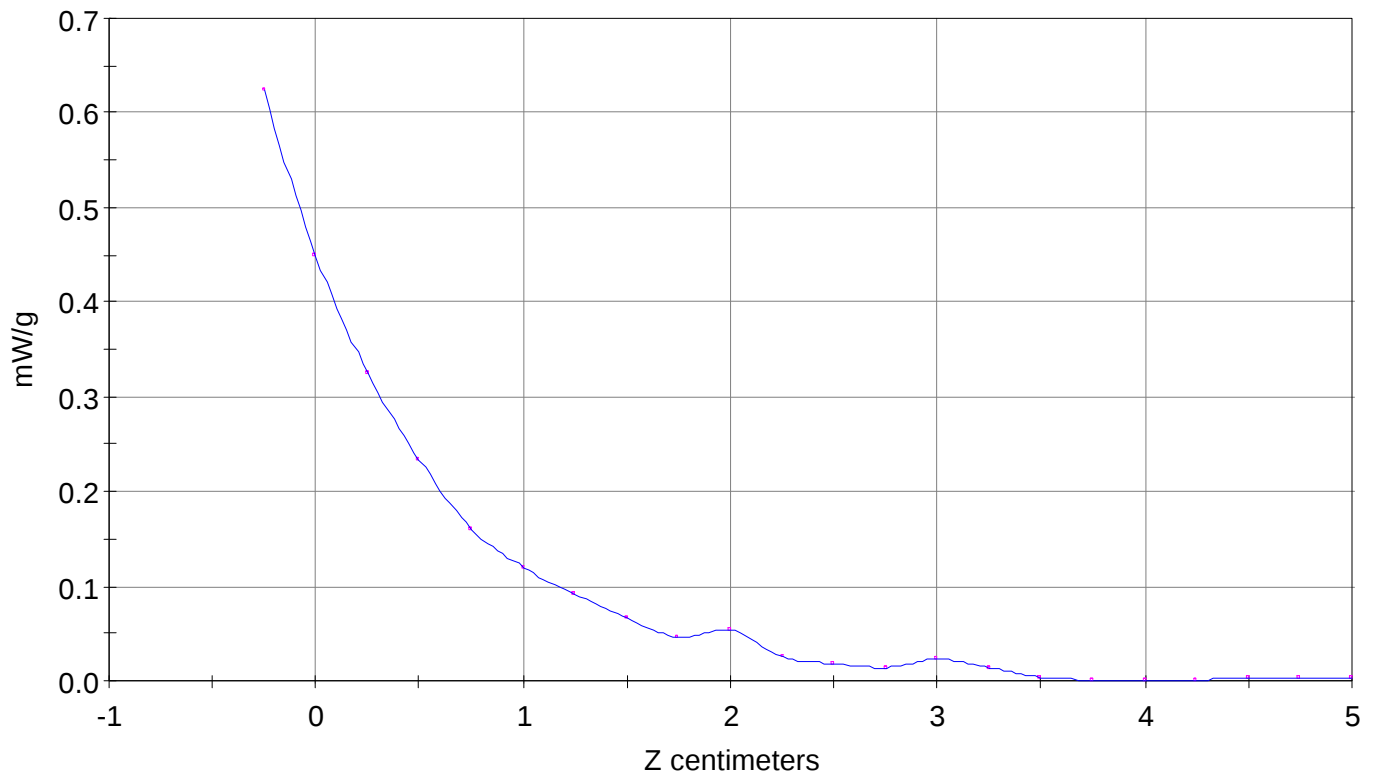
SAR Scan

File : 01011618_ZOOM

Start : 16-Jan-101 02:49:36 pm End : 16-Jan-101 02:57:17 pm

SEWON/SWT-1000/1;1908.75MHz;W;Helical/Out;

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

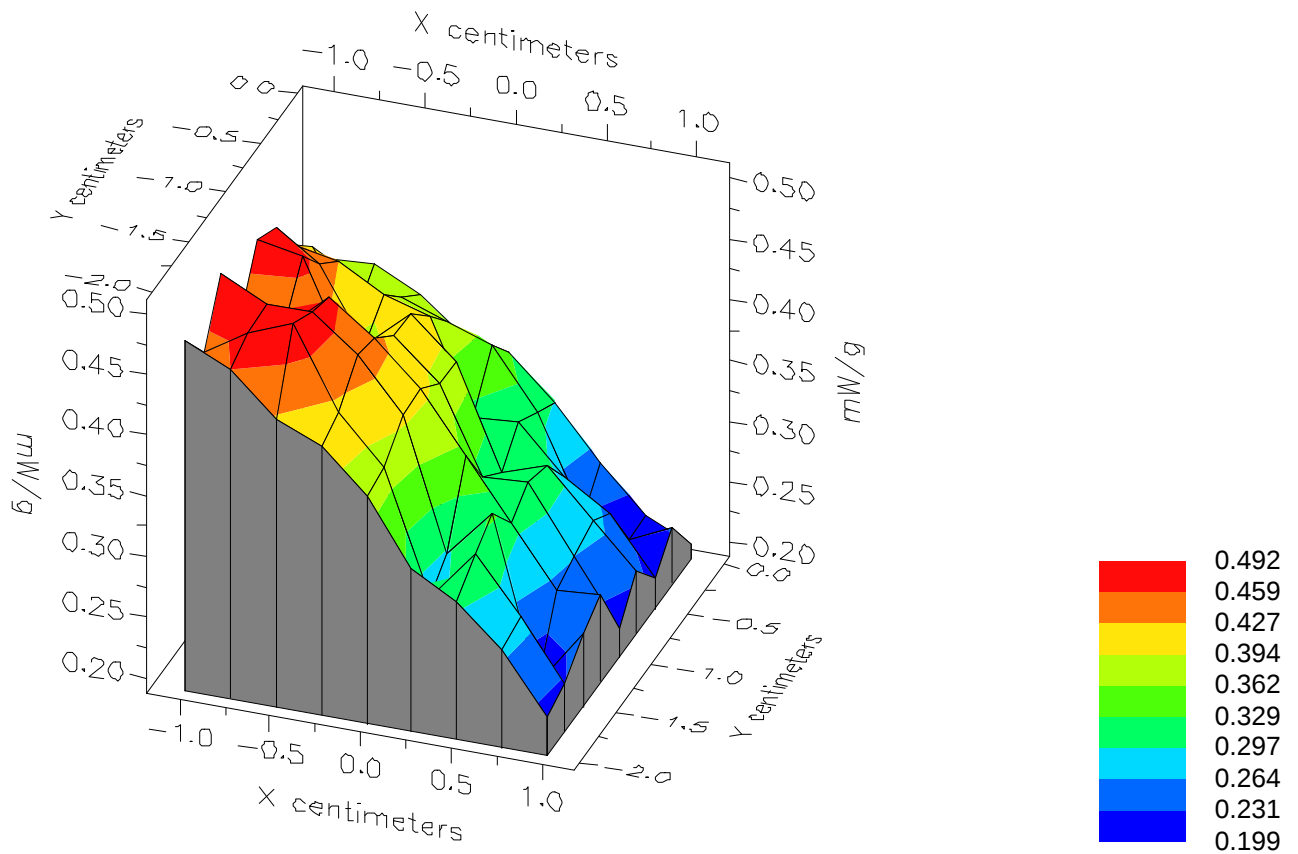


File : 01011618_ZOOM

Start : 16-Jan-101 02:49:36 pm End : 16-Jan-101 02:57:17 pm

SEWON/SWT-1000/1;1908.75MHz;W;Helical/Out;

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

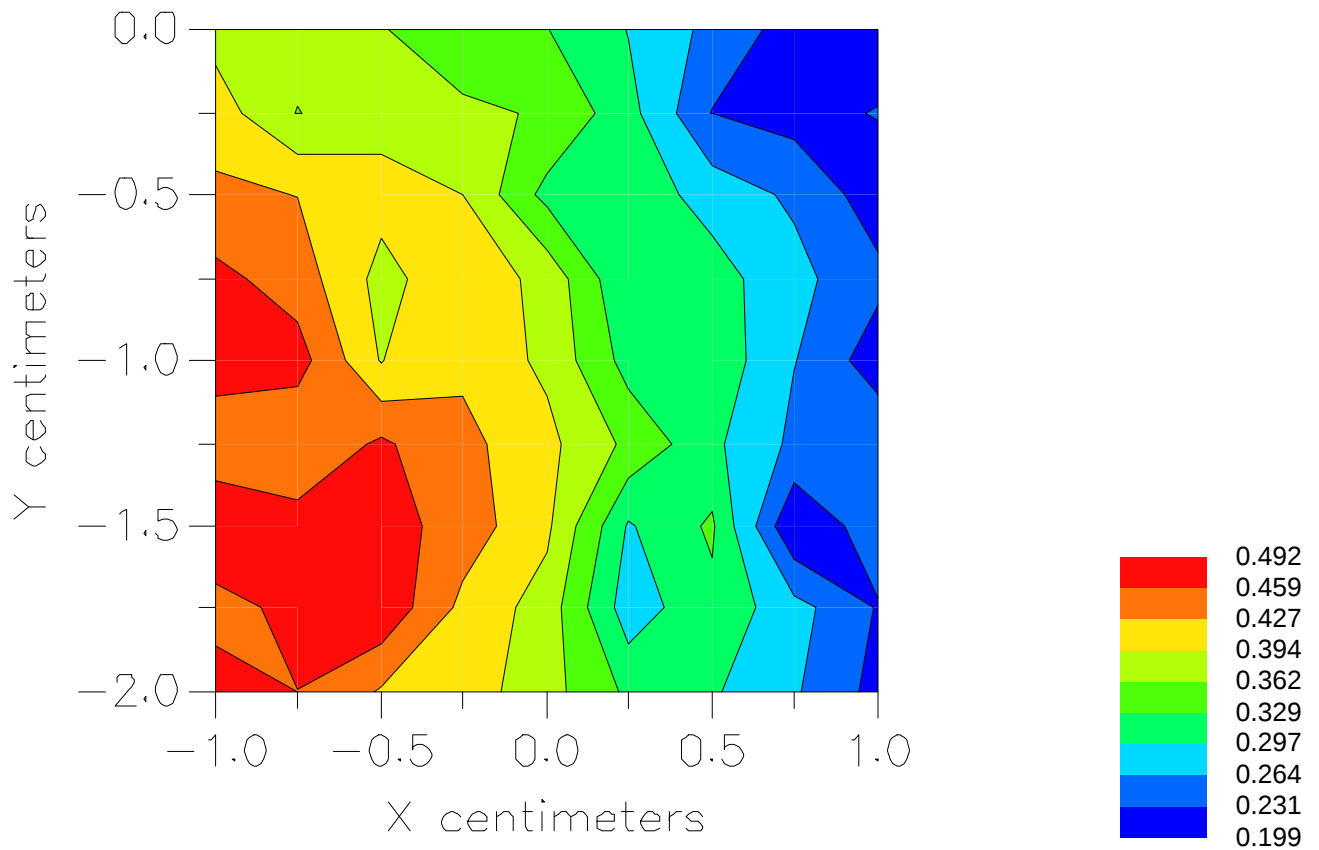


File : 01011618_ZOOM

Start : 16-Jan-101 02:49:36 pm End : 16-Jan-101 02:57:17 pm

SEWON/SWT-1000/1;1908.75MHz;W;Helical/Out;

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



Peak SAR Location

PCS Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01010424_ZOOM.VLT
Start : 4-Jan-101 02:42:41 pm End : 4-Jan-101 02:54:44 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SEWON TELECOM TRI-MODE PHONE - PCS MODE
CHAN 0025 Conducted 23.5
SEWON TELECOM TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 0.250, Y = -2.000, Z = 0.000 (cm) Value = 13.960

Measured Values (volts) =
1.344E-002 1.132E-002 8.029E-003 5.709E-003 4.258E-003 3.131E-003
2.387E-003 1.685E-003 1.251E-003 9.339E-004 6.786E-004 5.403E-004
4.157E-004 2.844E-004 2.627E-004 1.764E-004 1.227E-004 1.084E-004
8.851E-005 4.906E-005 2.862E-005

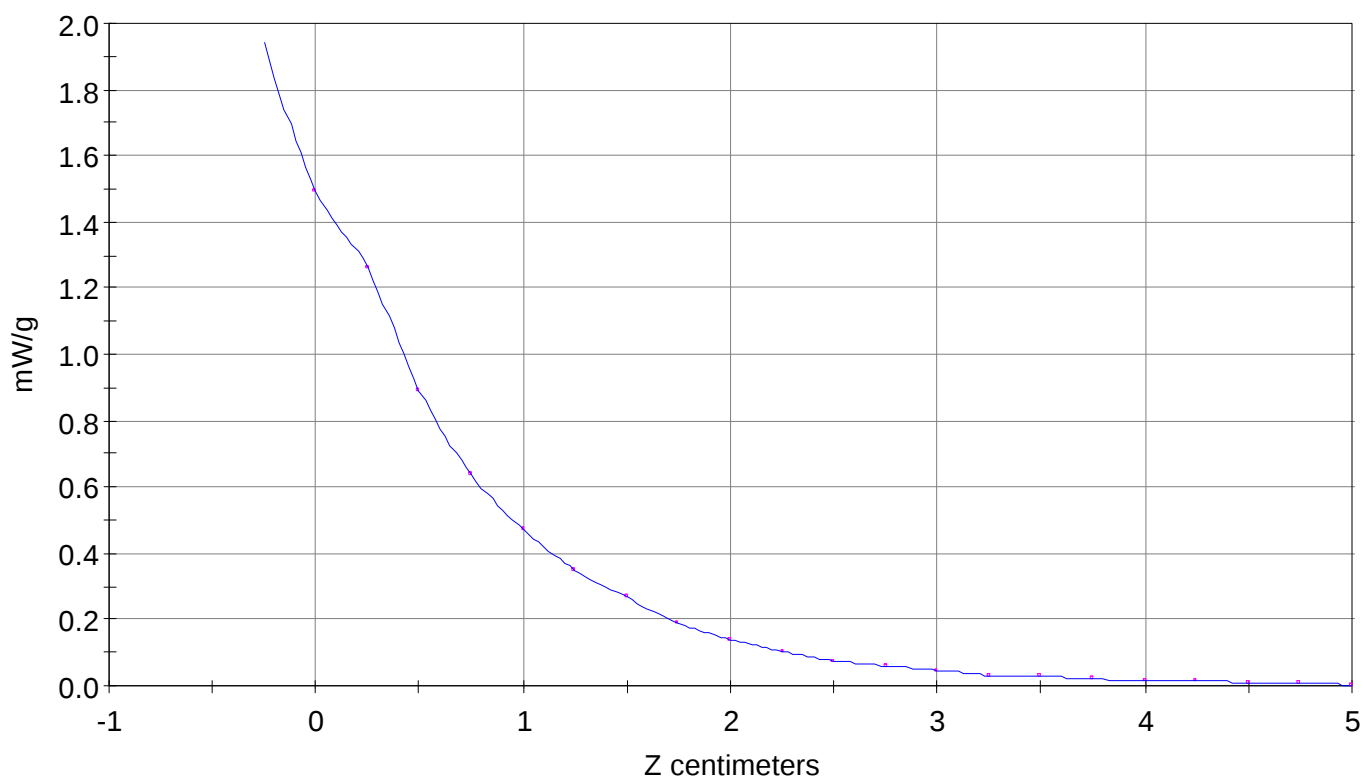
Calc. Voltage @ Surface (Vs) = 0.0175

Voltage @ 1.00 cm (Vt) = 0.0057

Ave. Voltage (Vs+Vt)/2 = 0.0116

Ave. SAR over 1 g (mW/g) = 1.2883

SAR Scan
File : 01010424_ZOOM
Start : 4-Jan-101 02:42:41 pm End : 4-Jan-101 02:54:44 pm
SEWON/SWT-1000/1;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

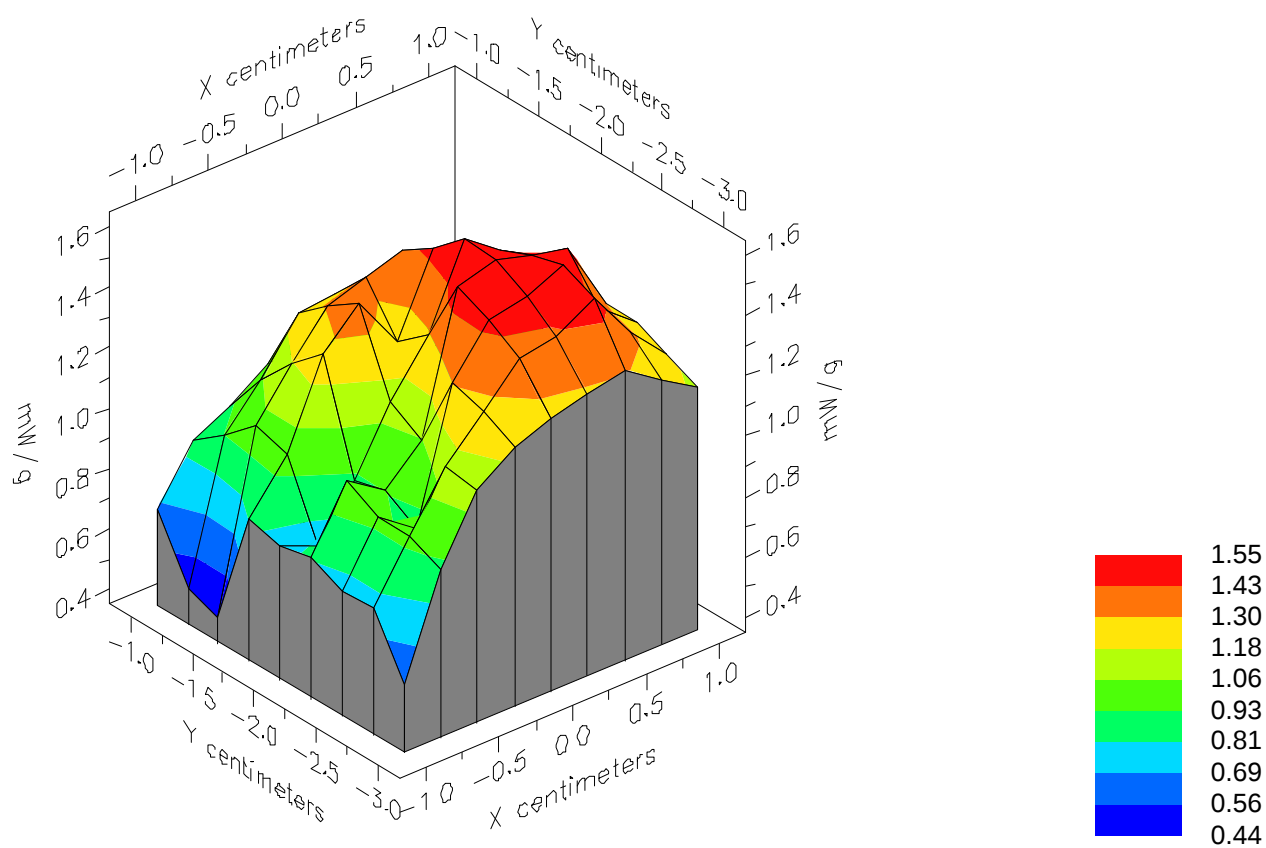


File : 01010424_ZOOM

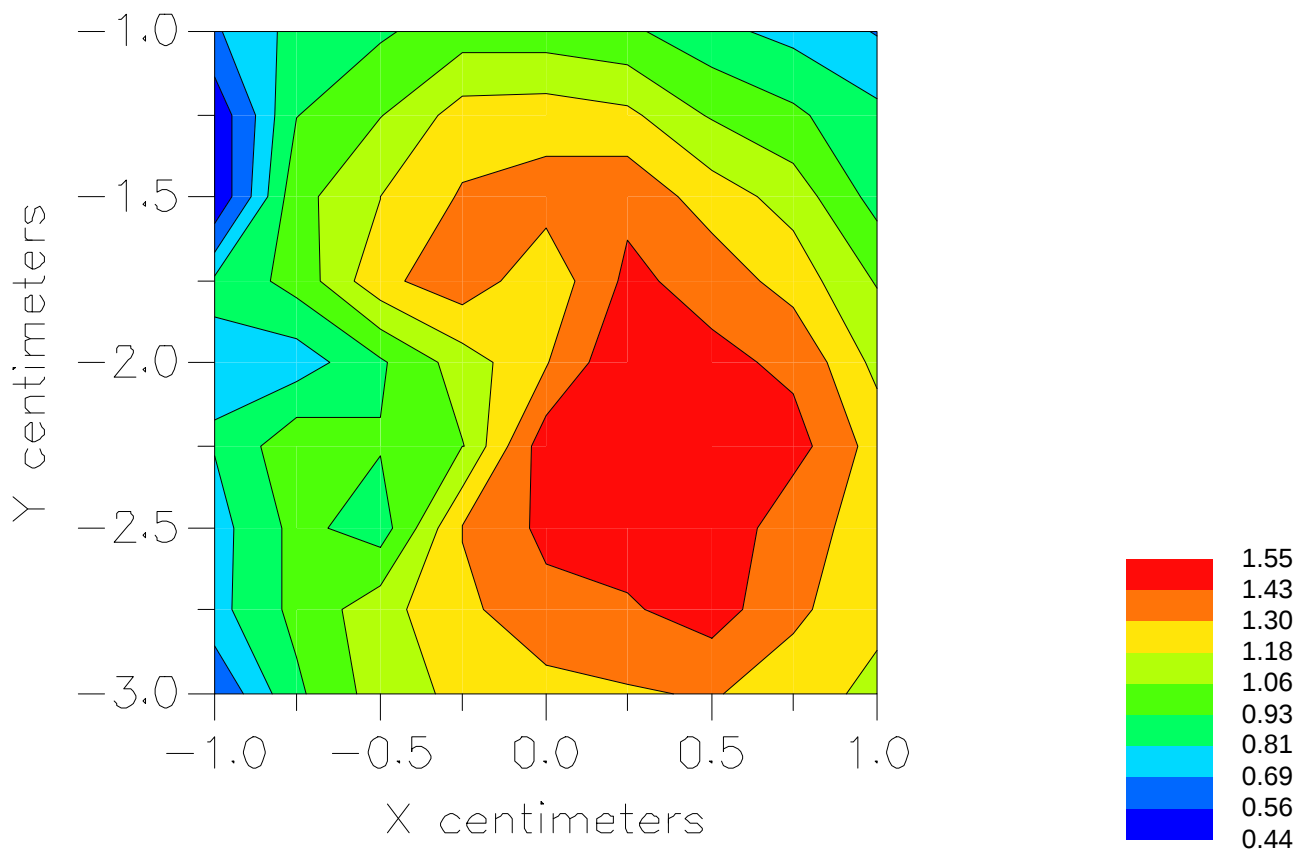
Start : 4-Jan-101 02:42:41 pm End : 4-Jan-101 02:54:44 pm

SEWON/SWT-1000/1;1851.25MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01010424_ZOOM
Start : 4-Jan-101 02:42:41 pm End : 4-Jan-101 02:54:44 pm
SEWON/SWT-1000/1;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01010431_ZOOM.VLT
Start : 4-Jan-101 04:17:42 pm End : 4-Jan-101 04:29:51 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SEWON TELECOM TRI-MODE PHONE - PCS MODE
CHAN 0025 Conducted 23.5 dBm
SEWON TELECOM TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 0.250, Y = -2.000, Z = 0.000 (cm) Value = 12.073

Measured Values (volts) =
1.168E-002 9.981E-003 7.344E-003 5.662E-003 4.416E-003 3.818E-003
3.153E-003 2.740E-003 2.384E-003 2.112E-003 2.011E-003 1.896E-003
1.920E-003 1.792E-003 1.655E-003 1.685E-003 1.684E-003 1.594E-003
1.685E-003 1.619E-003 1.667E-003

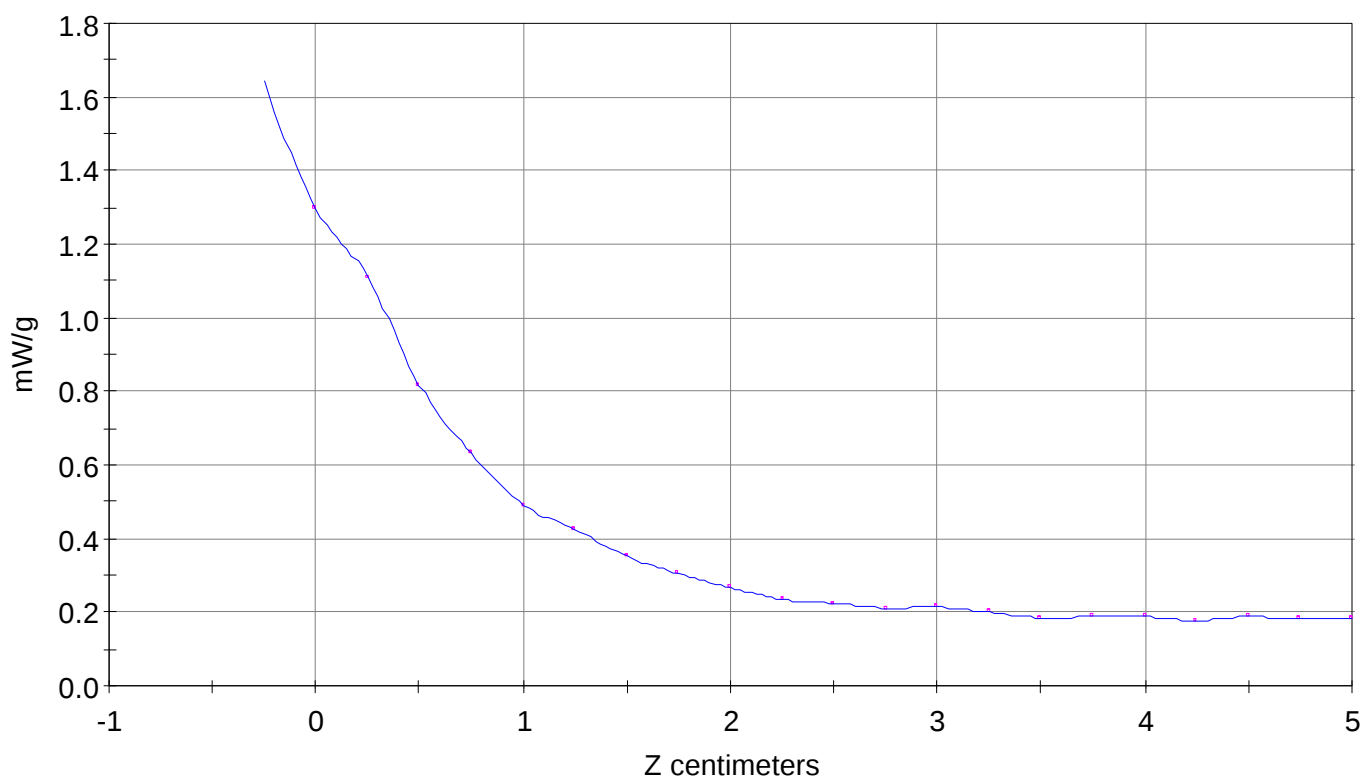
Calc. Voltage @ Surface (Vs) = 0.0148

Voltage @ 1.00 cm (Vt) = 0.0057

Ave. Voltage (Vs+Vt)/2 = 0.0102

Ave. SAR over 1 g (mW/g) = 1.1358

SAR Scan
File : 01010431_ZOOM
Start : 4-Jan-101 04:17:42 pm End : 4-Jan-101 04:29:51 pm
SEWON/SWT-1000/1;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

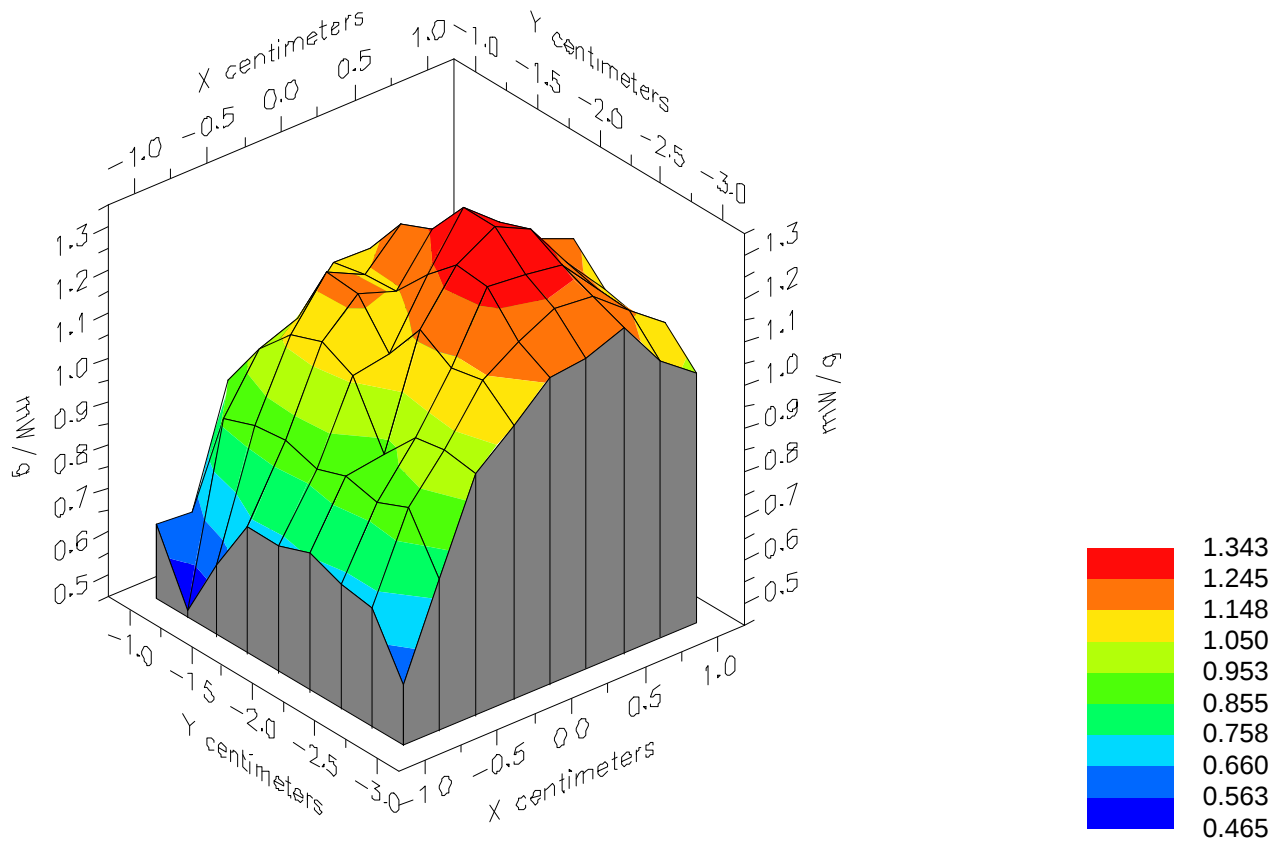


File : 01010431_ZOOM

Start : 4-Jan-101 04:17:42 pm End : 4-Jan-101 04:29:51 pm

SEWON/SWT-1000/1;1851.25MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

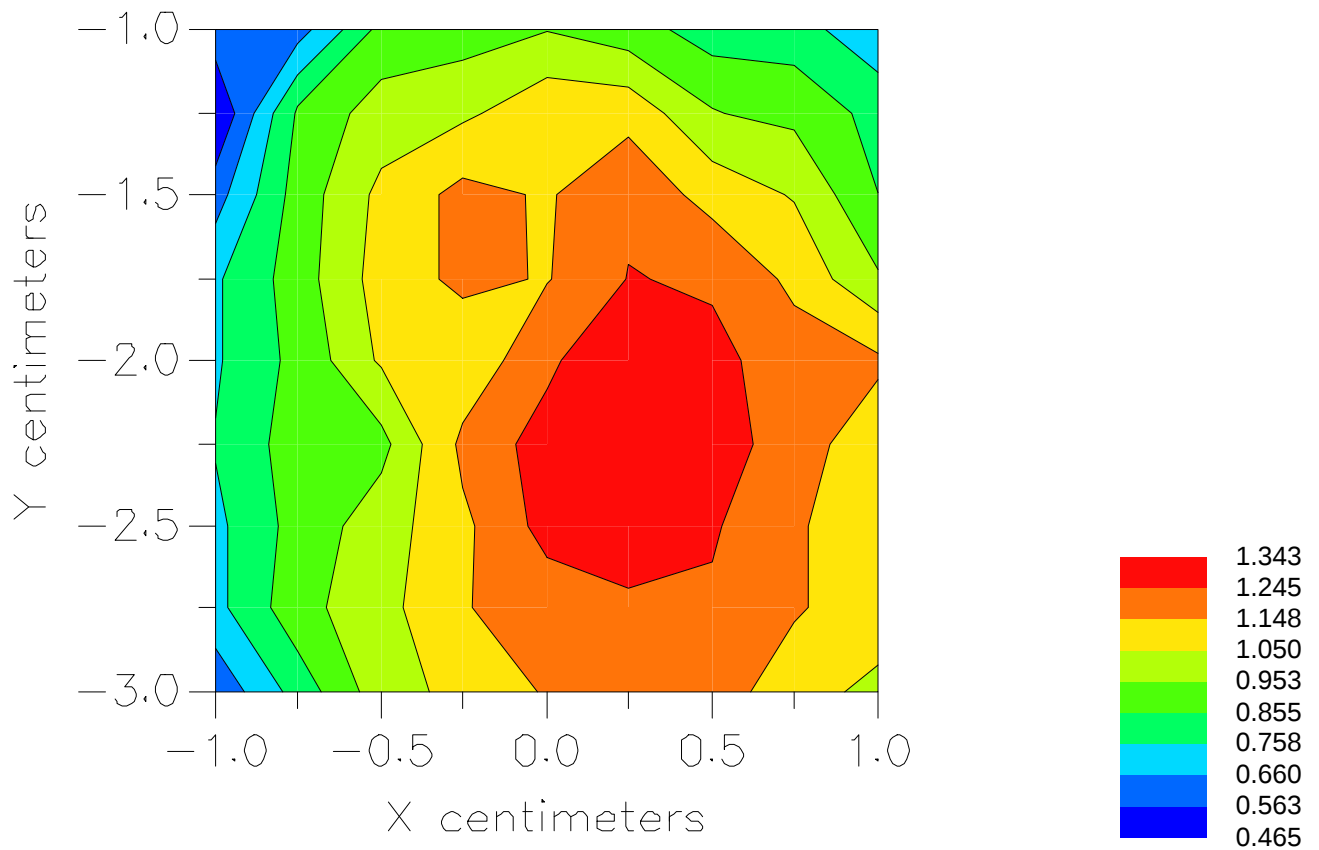


File : 01010431_ZOOM

Start : 4-Jan-101 04:17:42 pm End : 4-Jan-101 04:29:51 pm

SEWON/SWT-1000/1;1851.25MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01010435_ZOOM.VLT
Start : 4-Jan-101 04:48:48 pm End : 4-Jan-101 04:57:59 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SEWON TELECOM TRI-MODE PHONE - PCS MODE
CHAN 0600 Conducted 23.5 dBm
SEWON TELECOM TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 0.250, Y = -2.000, Z = 0.000 (cm) Value = 14.164

Measured Values (volts) =
1.372E-002 1.163E-002 8.552E-003 6.688E-003 5.108E-003 4.369E-003
3.648E-003 3.064E-003 2.648E-003 2.358E-003 2.157E-003 2.040E-003
1.952E-003 1.919E-003 1.809E-003 1.729E-003 1.732E-003 1.710E-003
1.732E-003 1.670E-003 1.695E-003

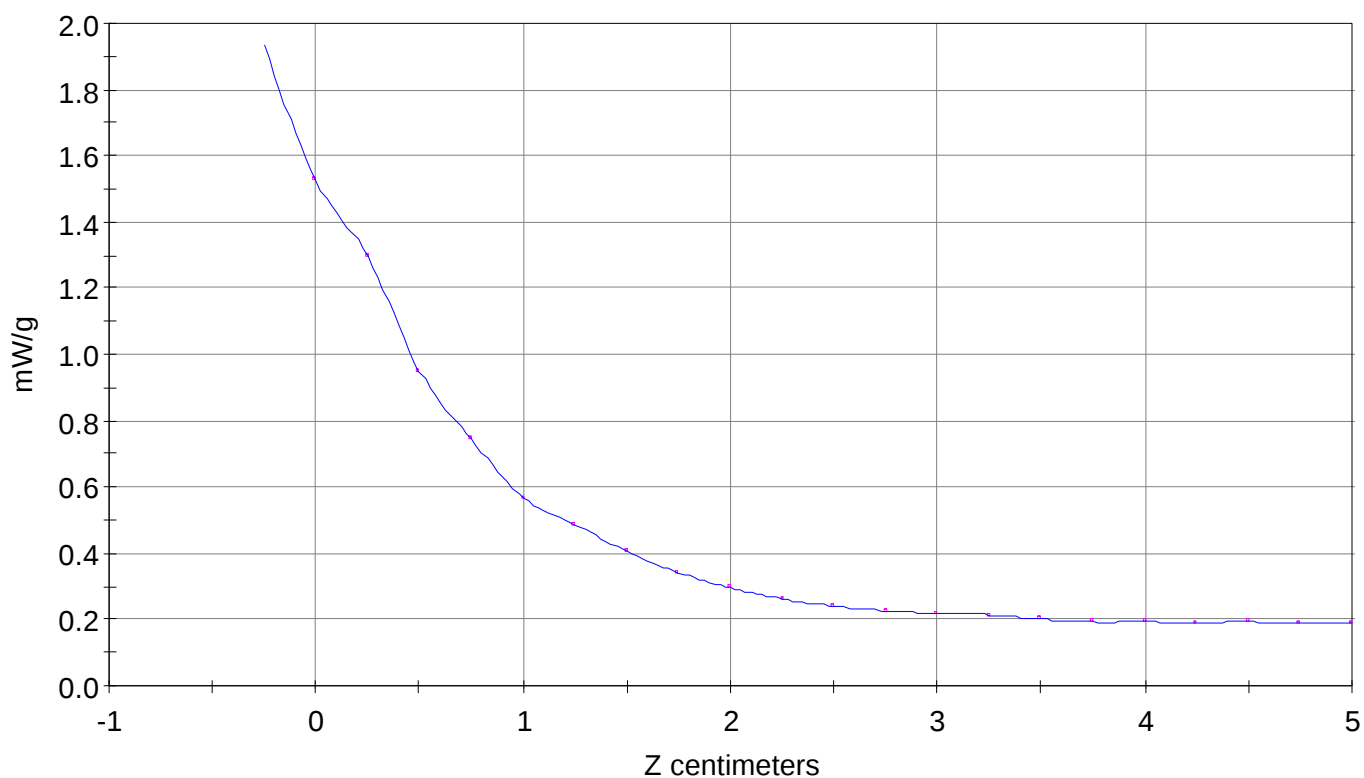
Calc. Voltage @ Surface (Vs) = 0.0174

Voltage @ 1.00 cm (Vt) = 0.0067

Ave. Voltage (Vs+Vt)/2 = 0.0121

Ave. SAR over 1 g (mW/g) = 1.3410

SAR Scan
File : 01010435_ZOOM
Start : 4-Jan-101 04:48:48 pm End : 4-Jan-101 04:57:59 pm
SEWON/SWT-1000/1;1880.00MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

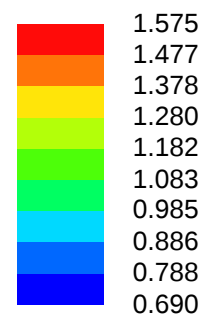
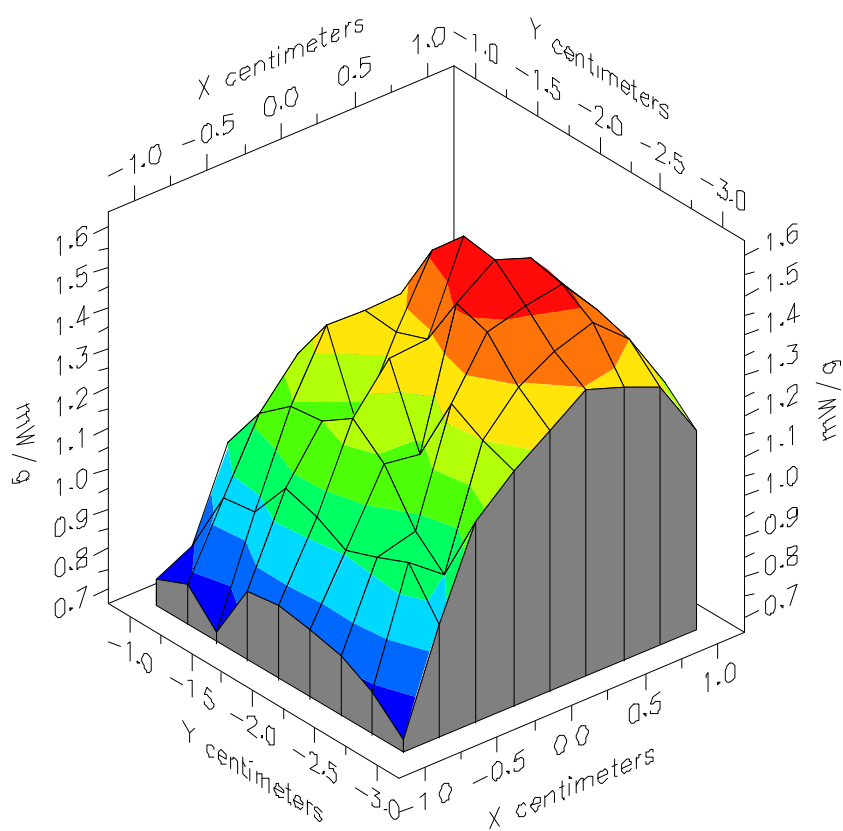


File : 01010435_ZOOM

Start : 4-Jan-101 04:48:48 pm End : 4-Jan-101 04:57:59 pm

SEWON/SWT-1000/1;1880.00MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

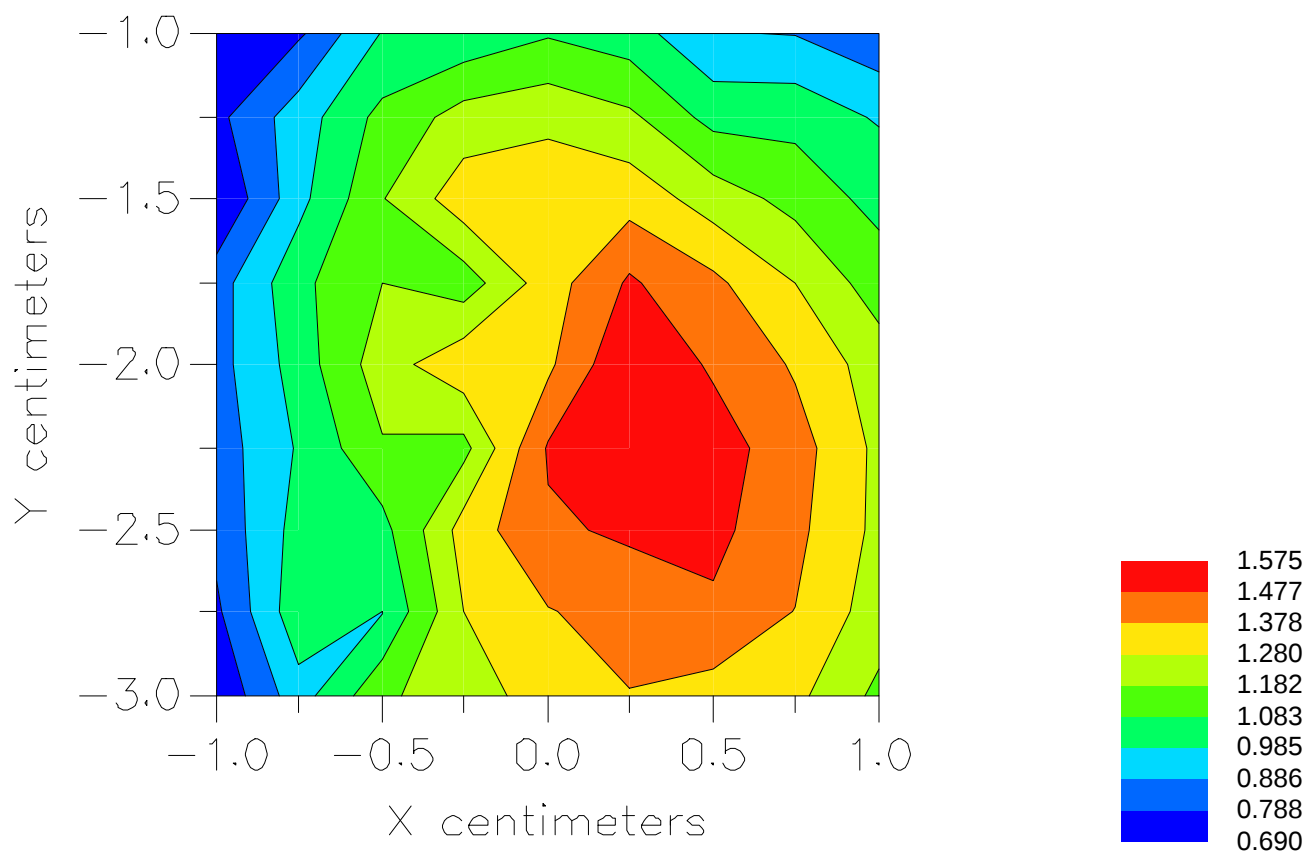


File : 01010435_ZOOM

Start : 4-Jan-101 04:48:48 pm End : 4-Jan-101 04:57:59 pm

SEWON/SWT-1000/1;1880.00MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01010434_ZOOM.VLT
Start : 4-Jan-101 04:32:46 pm End : 4-Jan-101 04:44:59 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SEWON TELECOM TRI-MODE PHONE - PCS MODE
CHAN 0600 Conducted 23.5 dBm
SEWON TELECOM TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 0.250, Y = -2.000, Z = 0.000 (cm) Value = 11.980

Measured Values (volts) =
1.180E-002 9.882E-003 7.425E-003 5.666E-003 4.500E-003 3.778E-003
3.156E-003 2.730E-003 2.326E-003 2.163E-003 1.998E-003 1.899E-003
1.849E-003 1.807E-003 1.777E-003 1.642E-003 1.735E-003 1.707E-003
1.724E-003 1.669E-003 1.698E-003

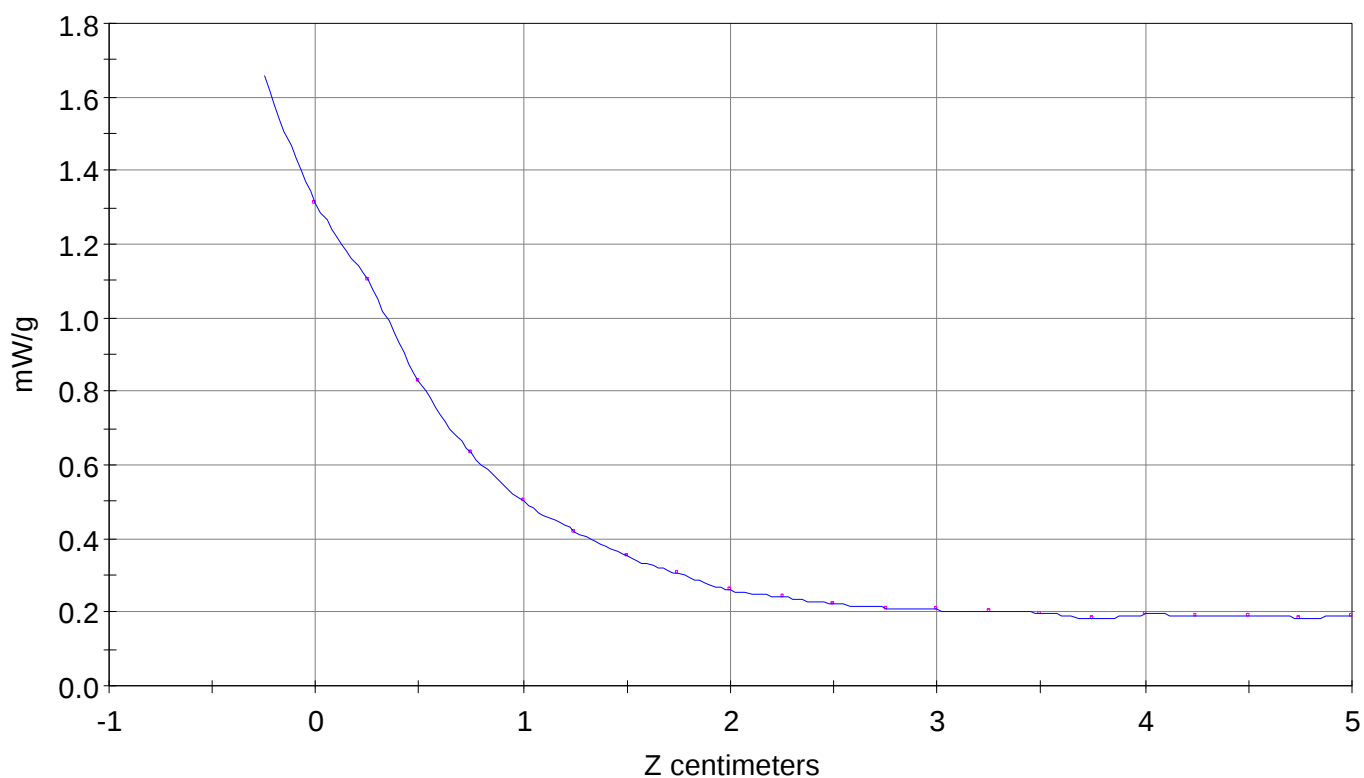
Calc. Voltage @ Surface (Vs) = 0.0149

Voltage @ 1.00 cm (Vt) = 0.0057

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

Ave. SAR over 1 g (mW/g) = 1.1436

SAR Scan
File : 01010434_ZOOM
Start : 4-Jan-101 04:32:46 pm End : 4-Jan-101 04:44:59 pm
SEWON/SWT-1000/1;1880.00MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

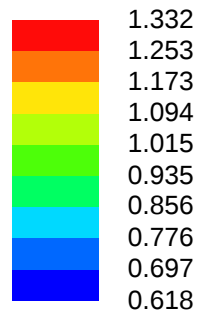
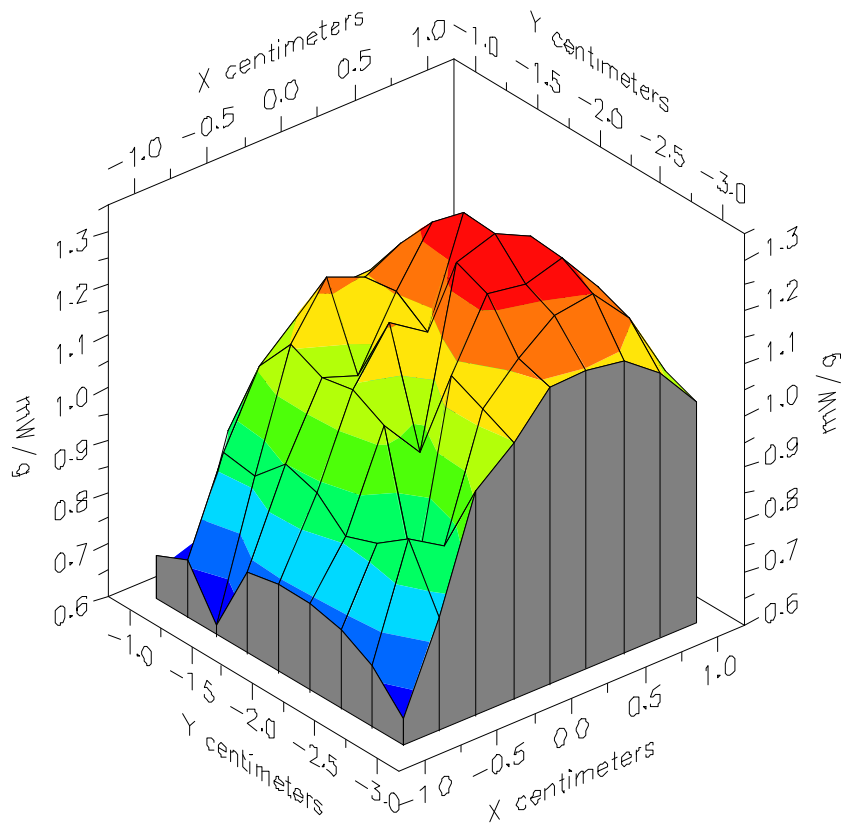


File : 01010434_ZOOM

Start : 4-Jan-101 04:32:46 pm End : 4-Jan-101 04:44:59 pm

SEWON/SWT-1000/1;1880.00MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

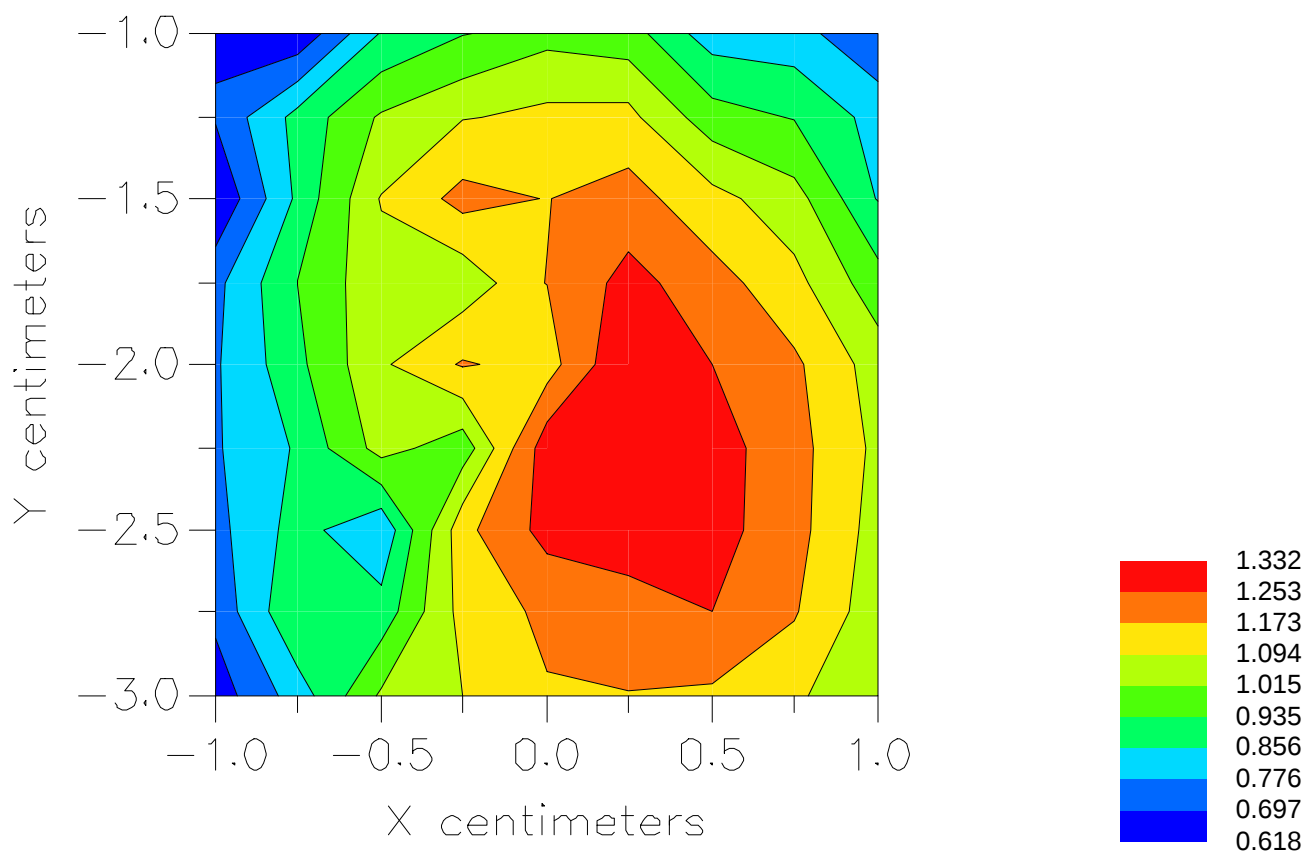


File : 01010434_ZOOM

Start : 4-Jan-101 04:32:46 pm End : 4-Jan-101 04:44:59 pm

SEWON/SWT-1000/1;1880.00MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01010430_ZOOM.VLT
Start : 4-Jan-101 04:02:41 pm End : 4-Jan-101 04:14:54 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SEWON TELECOM TRI-MODE PHONE - PCS MODE
CHAN 1175 Conducted 23.5 dBm
SEWON TELECOM TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 0.750, Y = -2.500, Z = 0.000 (cm) Value = 14.687

Measured Values (volts) =
1.301E-002 9.946E-003 7.533E-003 5.669E-003 4.534E-003 3.789E-003
3.223E-003 2.800E-003 2.527E-003 2.292E-003 2.100E-003 1.996E-003
1.912E-003 1.844E-003 1.747E-003 1.811E-003 1.765E-003 1.702E-003
1.663E-003 1.611E-003 1.680E-003

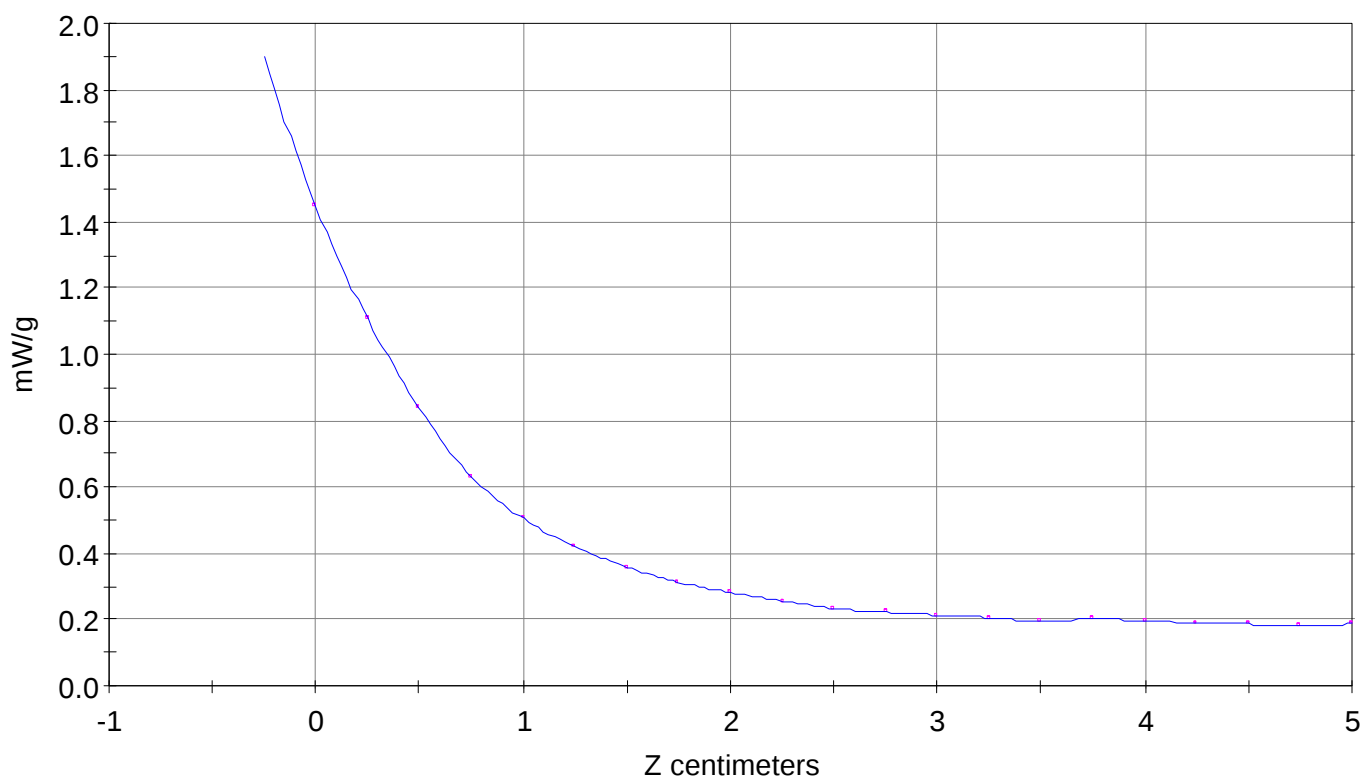
Calc. Voltage @ Surface (Vs) = 0.0171

Voltage @ 1.00 cm (Vt) = 0.0057

Ave. Voltage (Vs+Vt)/2 = 0.0114

Ave. SAR over 1 g (mW/g) = 1.2657

SAR Scan
File : 01010430_ZOOM
Start : 4-Jan-101 04:02:41 pm End : 4-Jan-101 04:14:54 pm
SEWON/SWT-1000/1;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

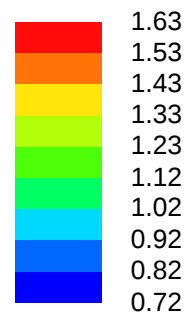
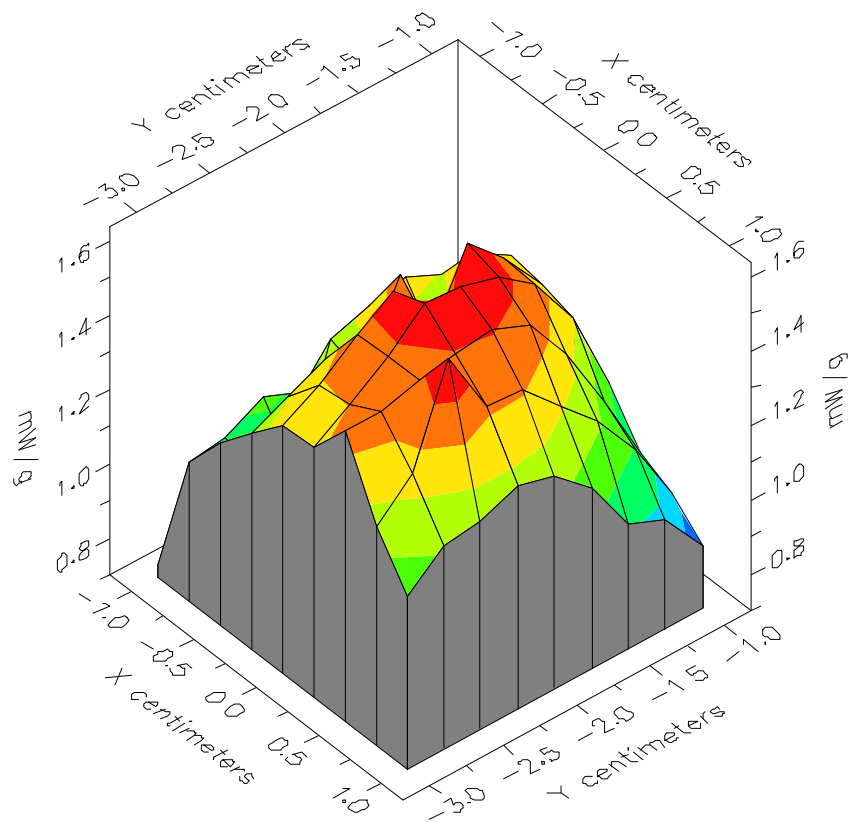


File : 01010430_ZOOM

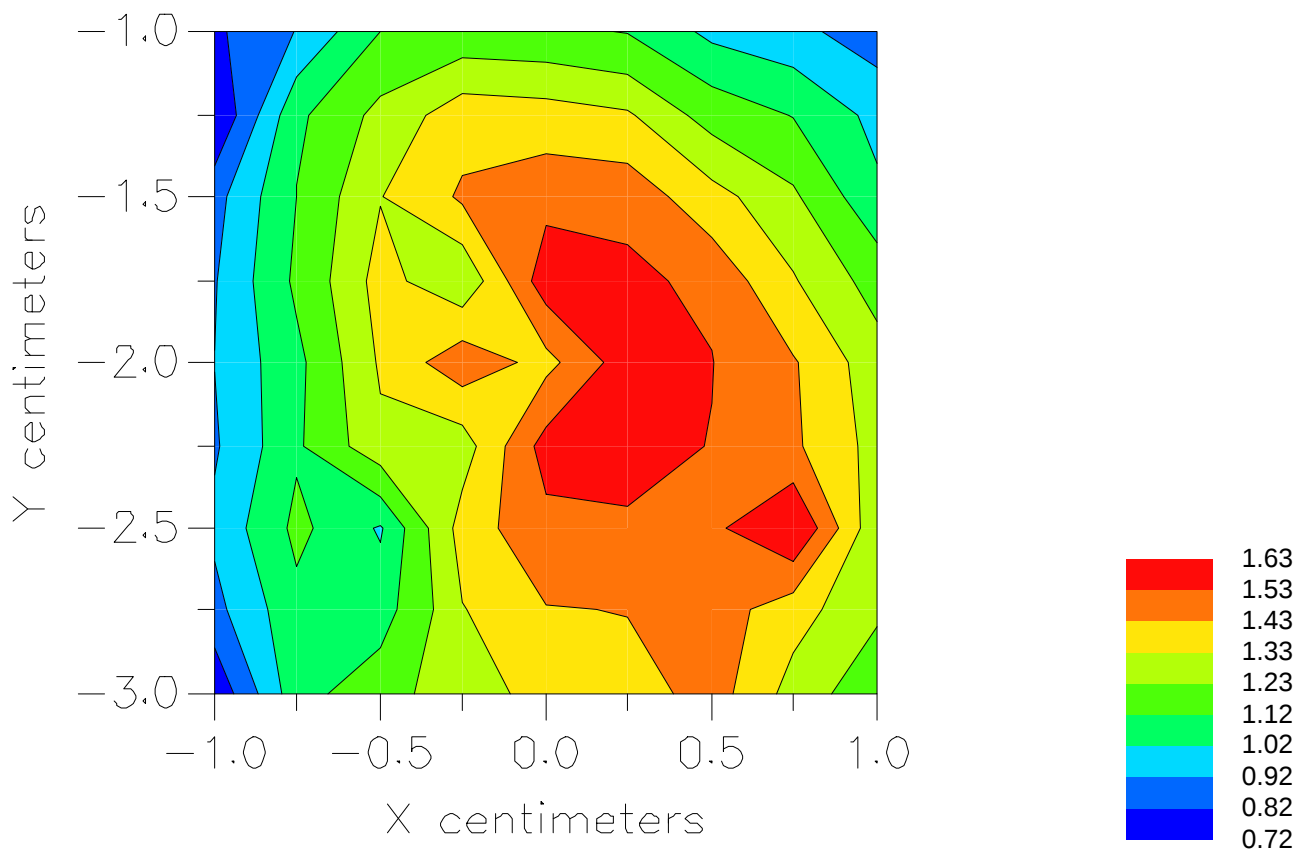
Start : 4-Jan-101 04:02:41 pm End : 4-Jan-101 04:14:54 pm

SEWON/SWT-1000/1;1908.75MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01010430_ZOOM
Start : 4-Jan-101 04:02:41 pm End : 4-Jan-101 04:14:54 pm
SEWON/SWT-1000/1;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01010438_ZOOM.VLT
Start : 4-Jan-101 05:25:59 pm End : 4-Jan-101 05:38:39 pm

Radio Type : SEWON
Model Number : SWT-1000
Serial Number : 1
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.225 W
Start Trans. Pwr : 0.225 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 = 40.400
Mixture Conductivity = 1.820

Comment :
SEWON TELECOM TRI-MODE PHONE - PCS MODE
CHAN 1175 Conducted 23.5 dBm
SEWON TELECOM TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.201

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 0.250, Y = -2.000, Z = 0.000 (cm) Value = 10.192

Measured Values (volts) =
9.931E-003 8.157E-003 6.285E-003 4.907E-003 3.870E-003 3.303E-003
2.707E-003 2.386E-003 2.066E-003 1.915E-003 1.817E-003 1.660E-003
1.672E-003 1.581E-003 1.608E-003 1.574E-003 1.520E-003 1.549E-003
1.601E-003 1.561E-003 1.537E-003

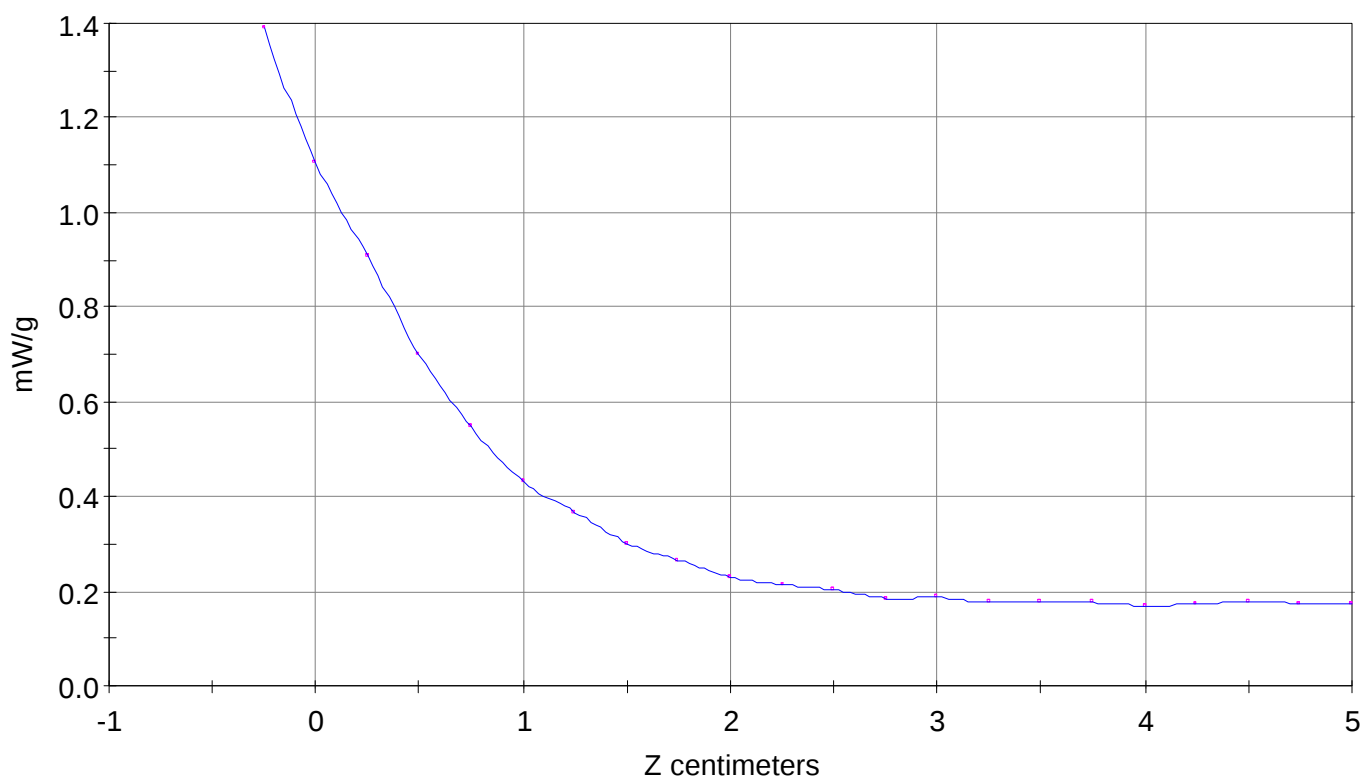
Calc. Voltage @ Surface (Vs) = 0.0125

Voltage @ 1.00 cm (Vt) = 0.0049

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

Ave. SAR over 1 g (mW/g) = 0.9673

SAR Scan
File : 01010438_ZOOM
Start : 4-Jan-101 05:25:59 pm End : 4-Jan-101 05:38:39 pm
SEWON/SWT-1000/1;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

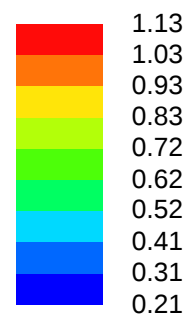
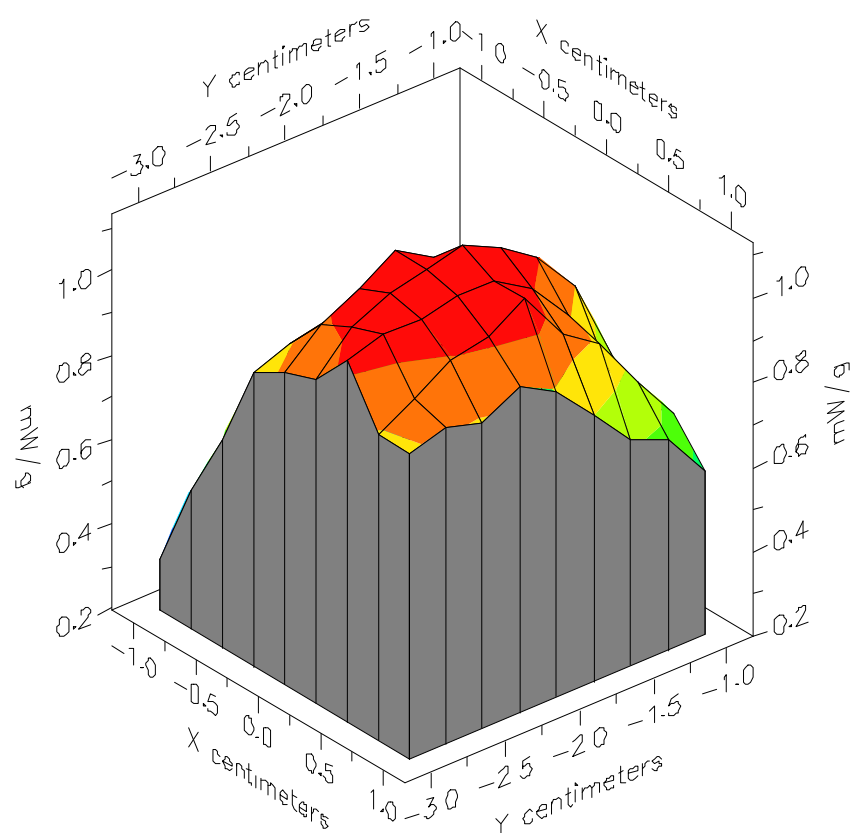


File : 01010438_ZOOM

Start : 4-Jan-101 05:25:59 pm End : 4-Jan-101 05:38:39 pm

SEWON/SWT-1000/1;1908.75MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01010438_ZOOM

Start : 4-Jan-101 05:25:59 pm End : 4-Jan-101 05:38:39 pm

SEWON/SWT-1000/1;1908.75MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

