

Peak SAR Location

800 MHz Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032722_ZOOM.VLT
Start : 27-Mar-101 04:28:51 pm End : 27-Mar-101 04:40:05 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.0 dBm
SAMSUNG 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 = 2.250, Y = -4.500, Z = 0.000 (cm) Value = 20.160

Measured Values (volts) =
2.024E-002 1.552E-002 1.302E-002 1.090E-002 9.377E-003 8.624E-003
8.076E-003 7.550E-003 7.054E-003 6.364E-003 5.657E-003 4.593E-003
3.555E-003 2.541E-003 1.839E-003 1.393E-003 1.342E-003 1.613E-003
2.048E-003 2.533E-003 2.724E-003

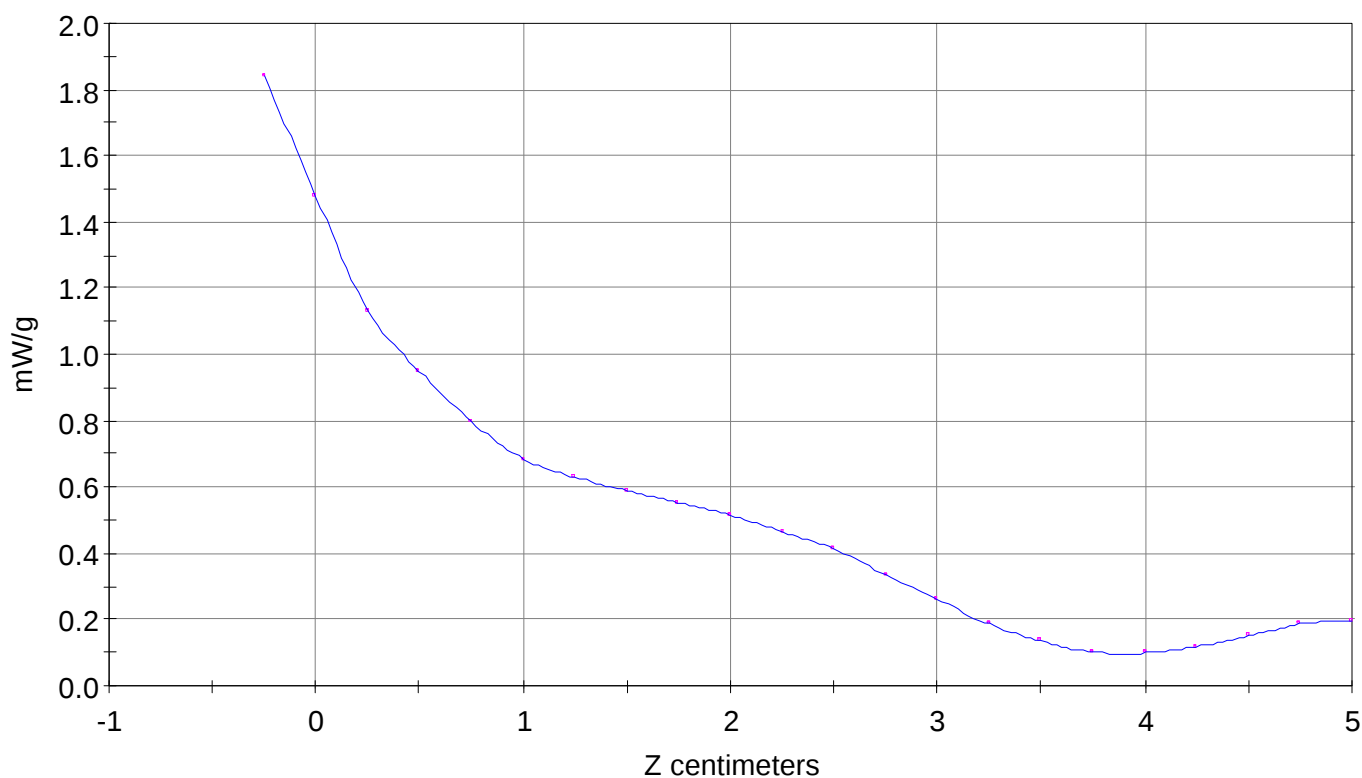
Calc. Voltage @ Surface (Vs) = 0.0253

Voltage @ 1.00 cm (Vt) = 0.0109

Ave. Voltage (Vs+Vt)/2 = 0.0181

Ave. SAR over 1 g (mW/g) = 1.3196

SAR Scan
File : 01032722_ZOOM
Start : 27-Mar-10 04:28:51 pm End : 27-Mar-10 04:40:05 pm
SAMSUNG/SCH-N150/1;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 Degrees Brain/41.500/0.900

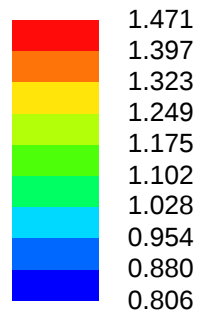
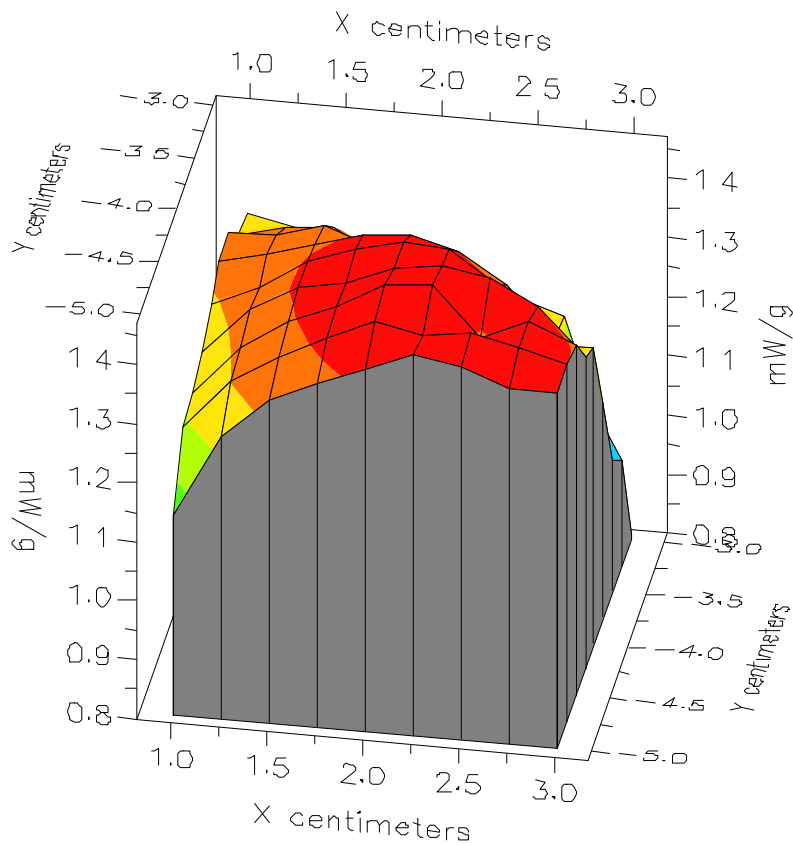


File : 01032722_ZOOM

Start : 27-Mar-101 04:28:51 pm End : 27-Mar-101 04:40:05 pm

SAMSUNG/SCH-N150/1;824.04MHz;W;Helical/In;

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

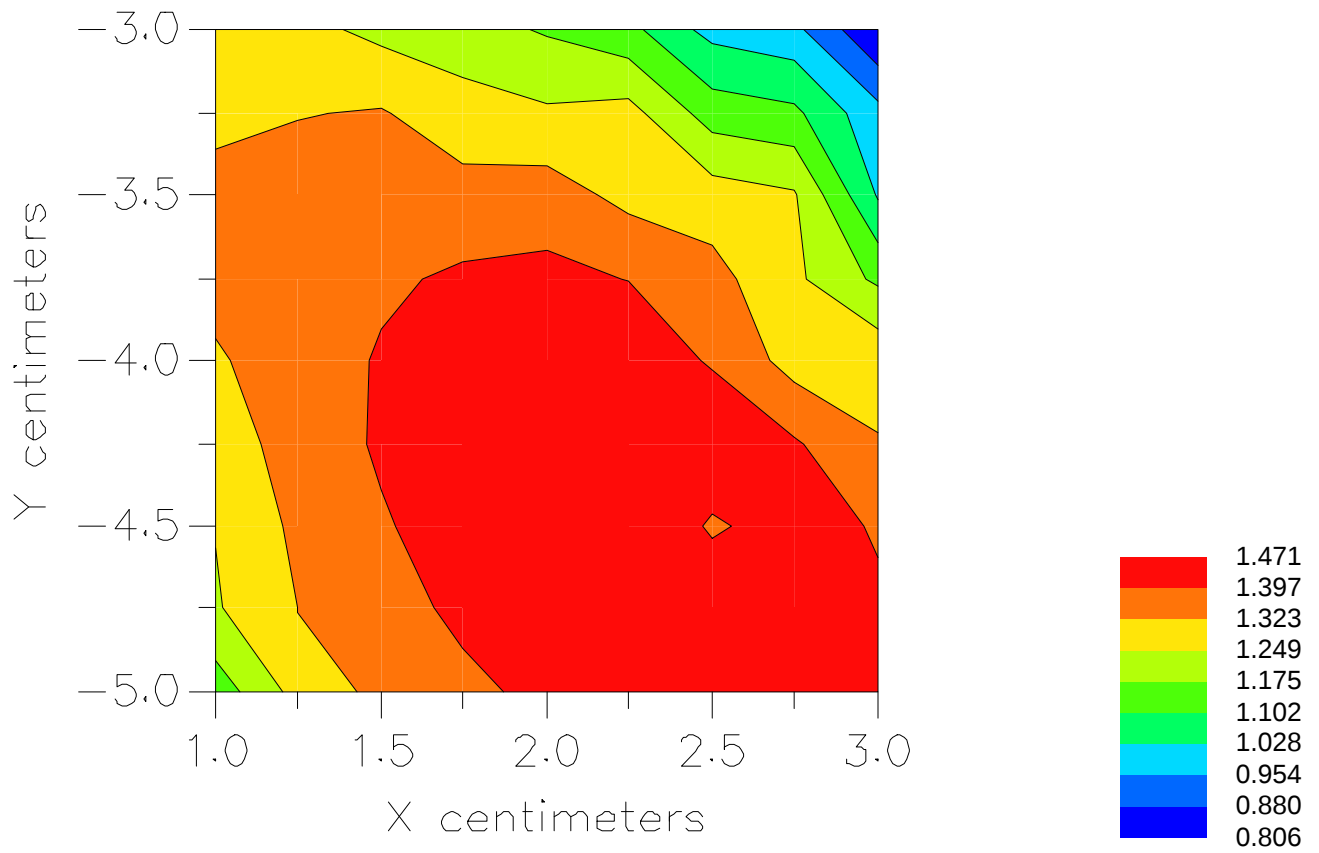


File : 01032722_ZOOM

Start : 27-Mar-101 04:28:51 pm End : 27-Mar-101 04:40:05 pm

SAMSUNG/SCH-N150/1;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/01032728_ZOOM.VLT
Start : 27-Mar-101 05:30:33 pm End : 27-Mar-101 05:40:00 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.0 dBm
SAMSUNG 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 = 2.250, Y = -4.500, Z = 0.000 (cm) Value = 17.730

Measured Values (volts) =
1.773E-002 1.370E-002 1.127E-002 9.679E-003 8.414E-003 7.589E-003
6.993E-003 6.621E-003 6.123E-003 5.554E-003 4.794E-003 3.926E-003
2.990E-003 2.160E-003 1.573E-003 1.257E-003 1.210E-003 1.460E-003
1.863E-003 2.239E-003 2.436E-003

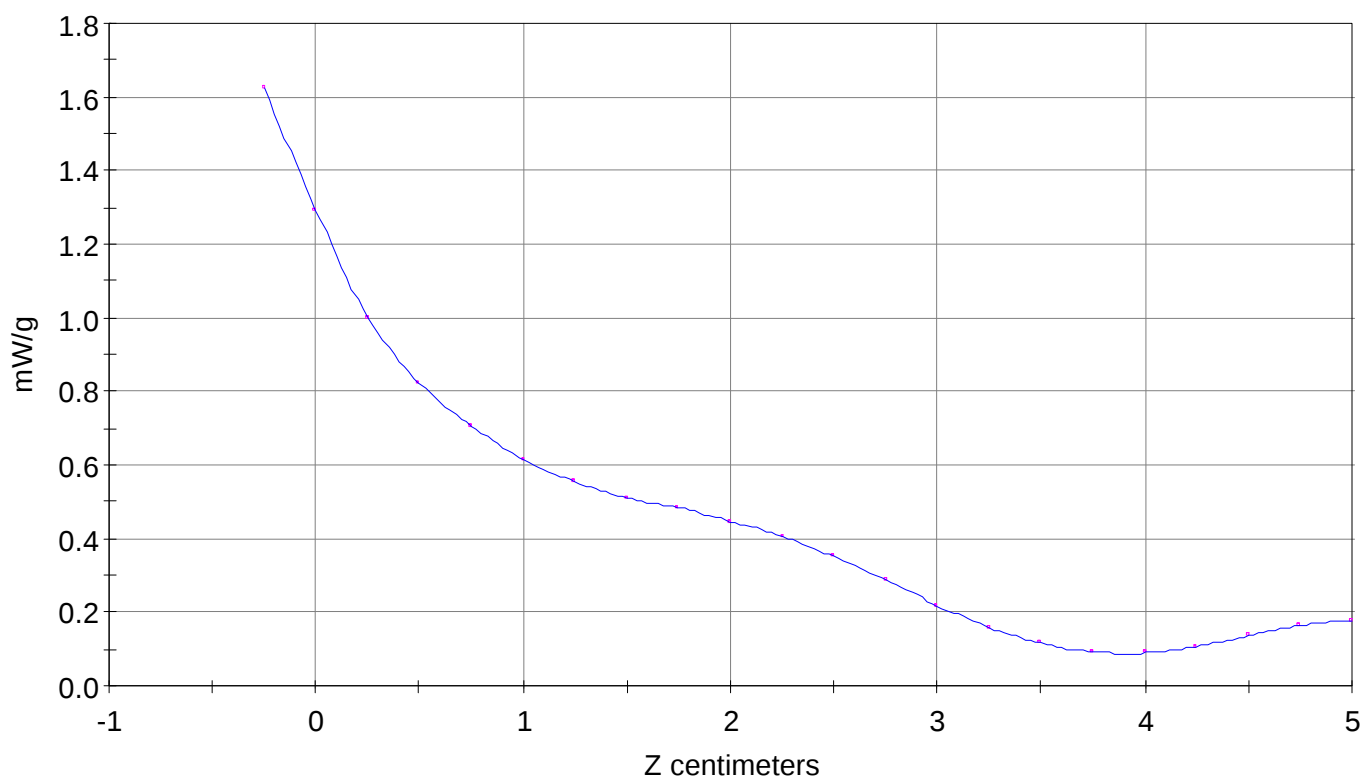
Calc. Voltage @ Surface (Vs) = 0.0222

Voltage @ 1.00 cm (Vt) = 0.0097

Ave. Voltage (Vs+Vt)/2 = 0.0160

Ave. SAR over 1 g (mW/g) = 1.1647

SAR Scan
File : 01032728_ZOOM
Start : 27-Mar-101 05:30:33 pm End : 27-Mar-101 05:40:00 pm
SAMSUNG/SCH-N150/1;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

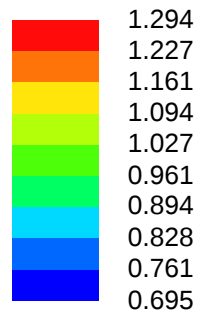
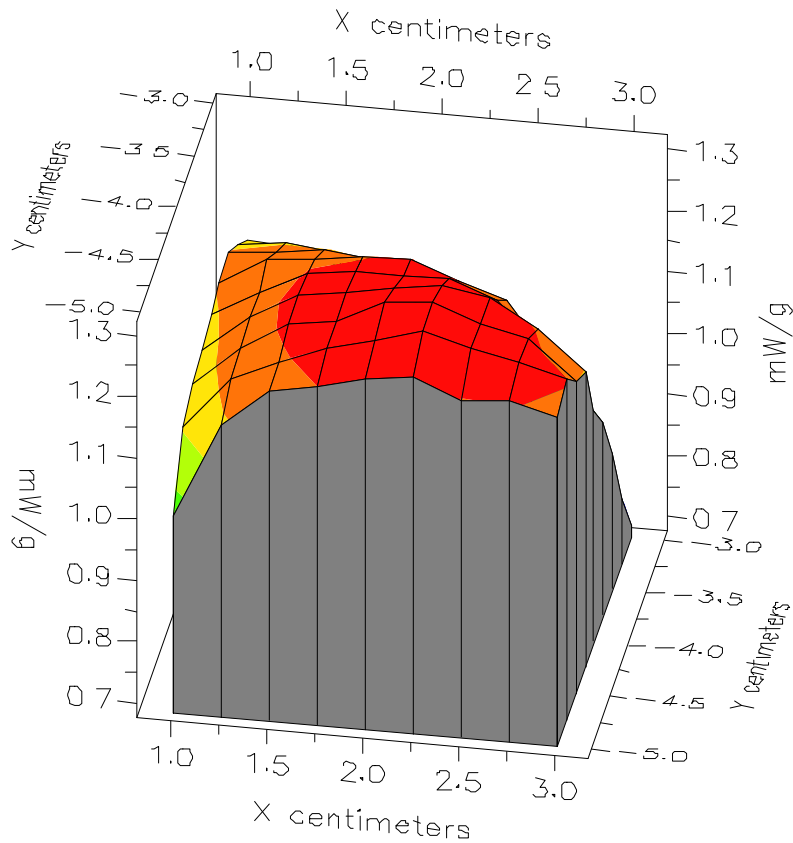


File : 01032728_ZOOM

Start : 27-Mar-101 05:30:33 pm End : 27-Mar-101 05:40:00 pm

SAMSUNG/SCH-N150/1;824.04MHz;W;Helical/Out;

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

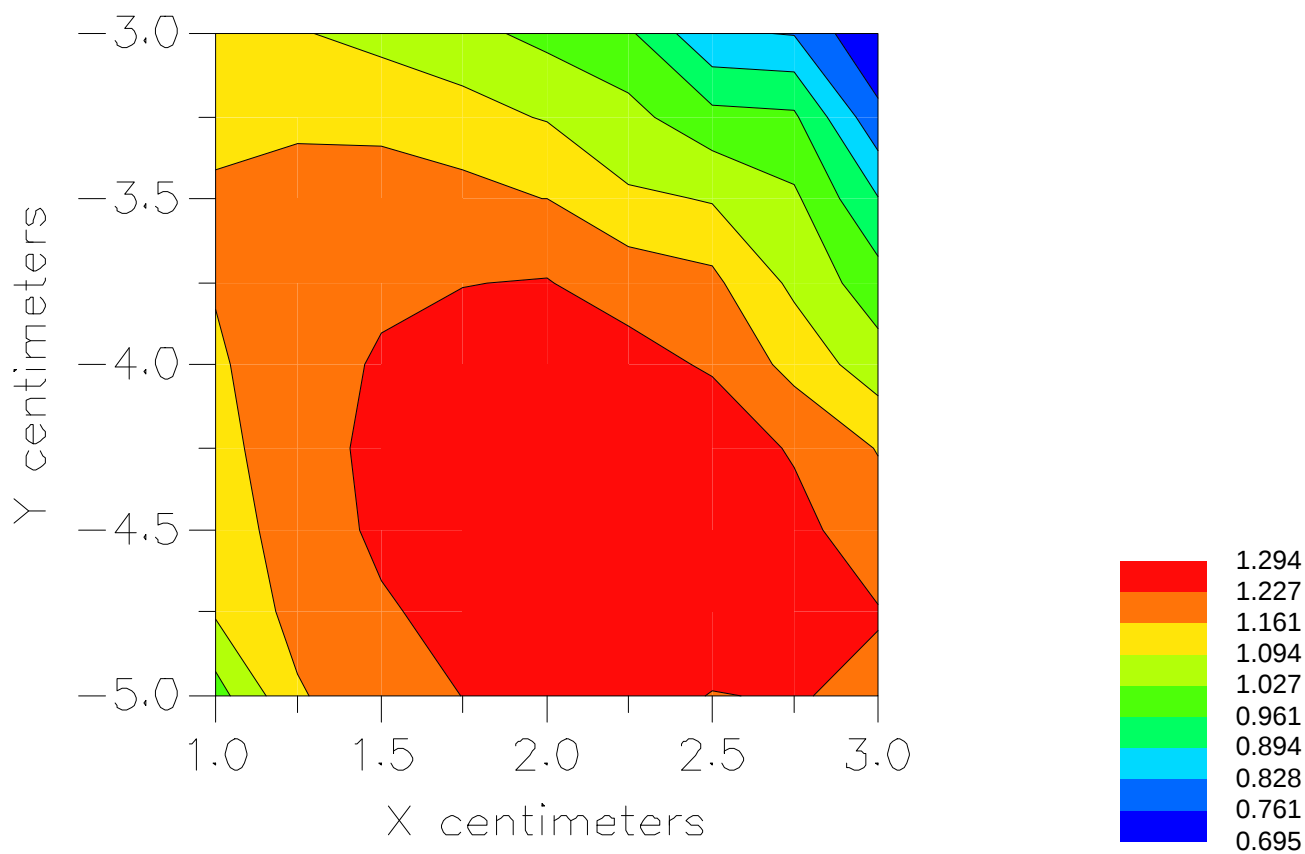


File : 01032728_ZOOM

Start : 27-Mar-101 05:30:33 pm End : 27-Mar-101 05:40:00 pm

SAMSUNG/SCH-N150/1;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/01032724_ZOOM.VLT
Start : 27-Mar-101 04:42:56 pm End : 27-Mar-101 04:54:11 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.0 dBm
SAMSUNG 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 = 2.250, Y = -4.500, Z = 0.000 (cm) Value = 15.567

Measured Values (volts) =
1.549E-002 1.184E-002 9.821E-003 8.312E-003 7.120E-003 6.374E-003
5.888E-003 5.578E-003 5.227E-003 4.747E-003 4.185E-003 3.419E-003
2.676E-003 1.899E-003 1.347E-003 1.030E-003 9.306E-004 1.142E-003
1.511E-003 1.836E-003 2.023E-003

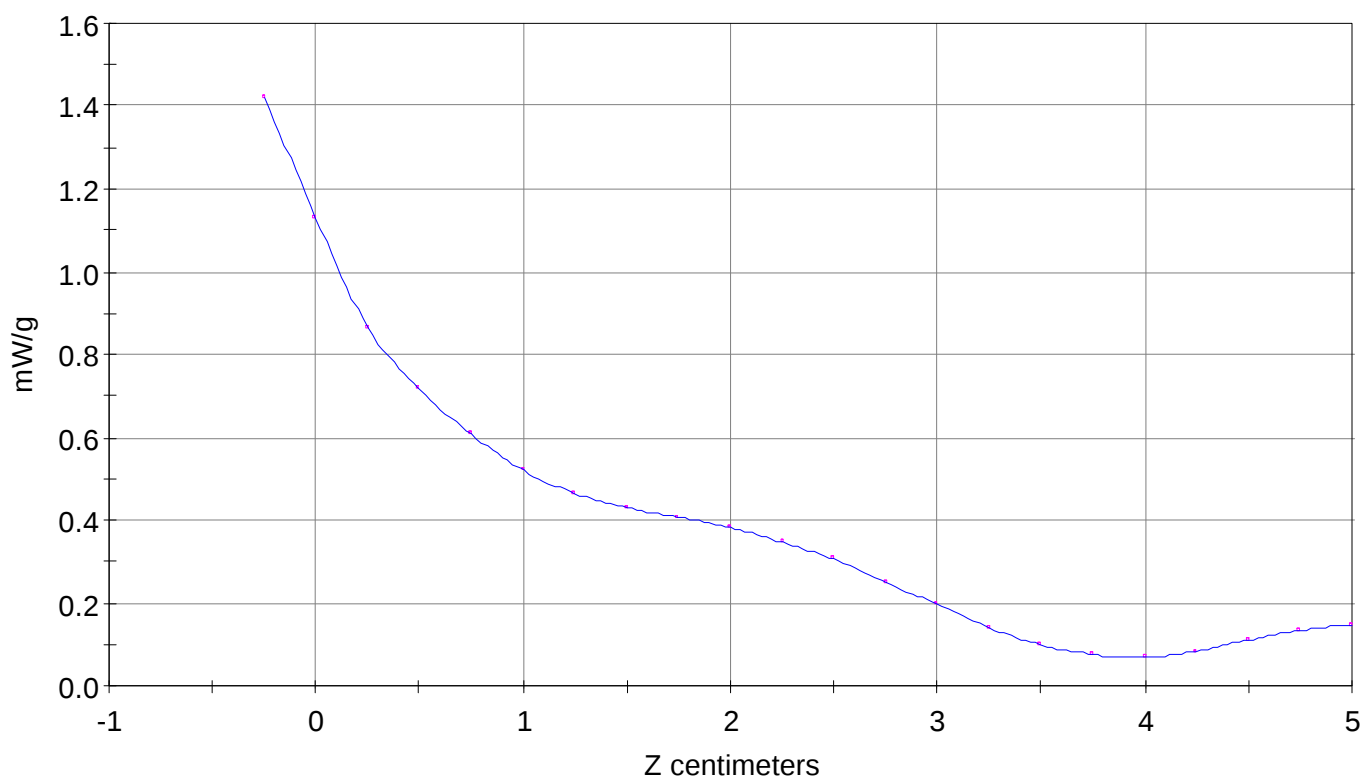
Calc. Voltage @ Surface (Vs) = 0.0195

Voltage @ 1.00 cm (Vt) = 0.0083

Ave. Voltage (Vs+Vt)/2 = 0.0139

Ave. SAR over 1 g (mW/g) = 1.0138

SAR Scan
File : 01032724_ZOOM
Start : 27-Mar-101 04:42:56 pm End : 27-Mar-101 04:54:11 pm
SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

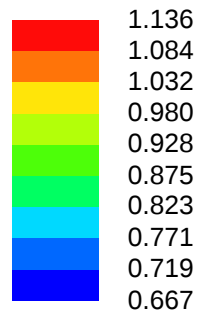
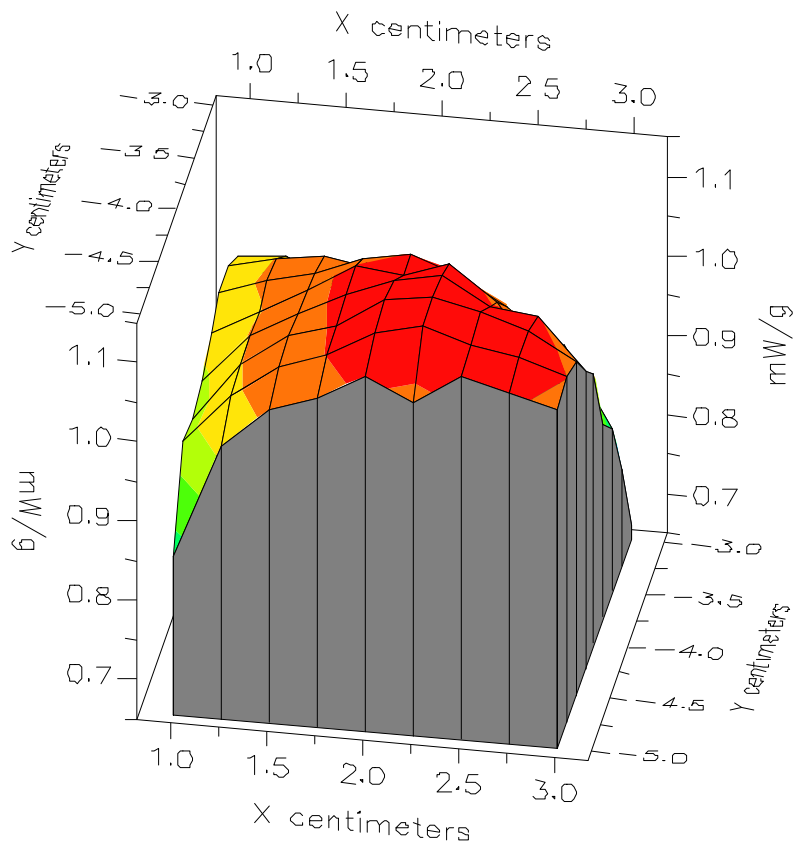


File : 01032724_ZOOM

Start : 27-Mar-101 04:42:56 pm End : 27-Mar-101 04:54:11 pm

SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/In;

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

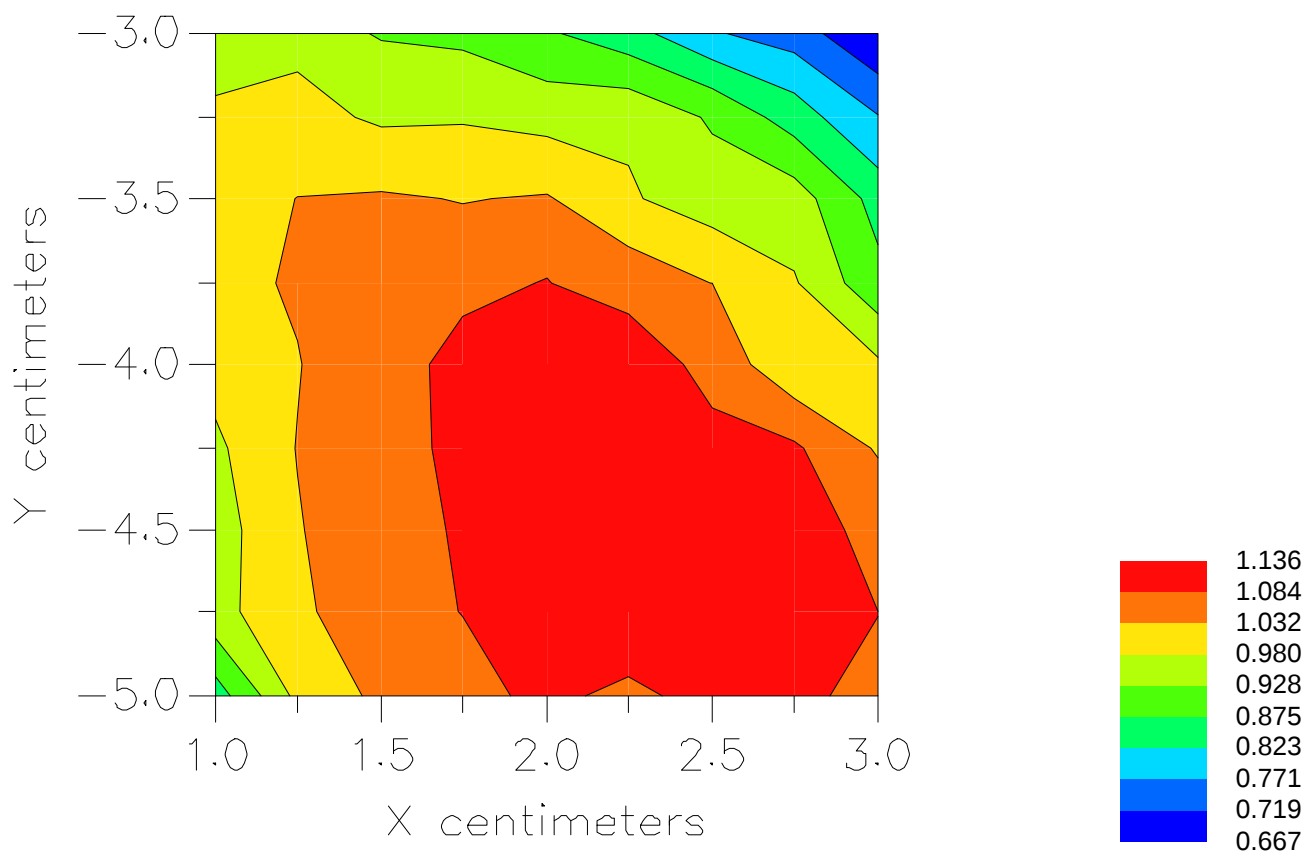


File : 01032724_ZOOM

Start : 27-Mar-101 04:42:56 pm End : 27-Mar-101 04:54:11 pm

SAMSUNG/SCH-N150/1;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/01032727_ZOOM.VLT
Start : 27-Mar-101 05:16:34 pm End : 27-Mar-101 05:27:54 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.0 dBm
SAMSUNG 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 = 2.250, Y = -4.750, Z = 0.000 (cm) Value = 14.438

Measured Values (volts) =
1.429E-002 1.069E-002 9.094E-003 7.691E-003 6.774E-003 6.103E-003
5.666E-003 5.366E-003 4.951E-003 4.440E-003 3.807E-003 3.115E-003
2.411E-003 1.644E-003 1.224E-003 9.829E-004 1.007E-003 1.265E-003
1.575E-003 1.874E-003 1.923E-003

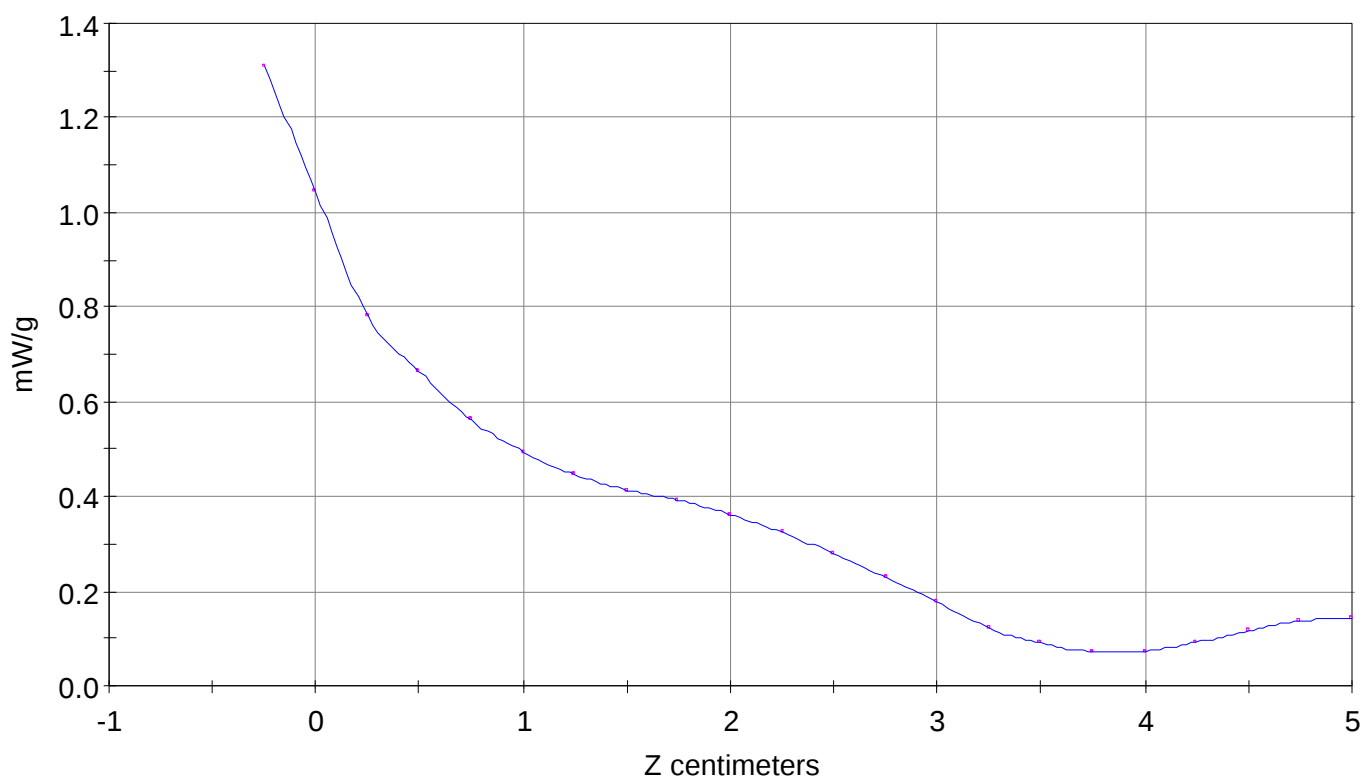
Calc. Voltage @ Surface (Vs) = 0.0179

Voltage @ 1.00 cm (Vt) = 0.0077

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

Ave. SAR over 1 g (mW/g) = 0.9353

SAR Scan
File : 01032727_ZOOM
Start : 27-Mar-101 05:16:34 pm End : 27-Mar-101 05:27:54 pm
SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

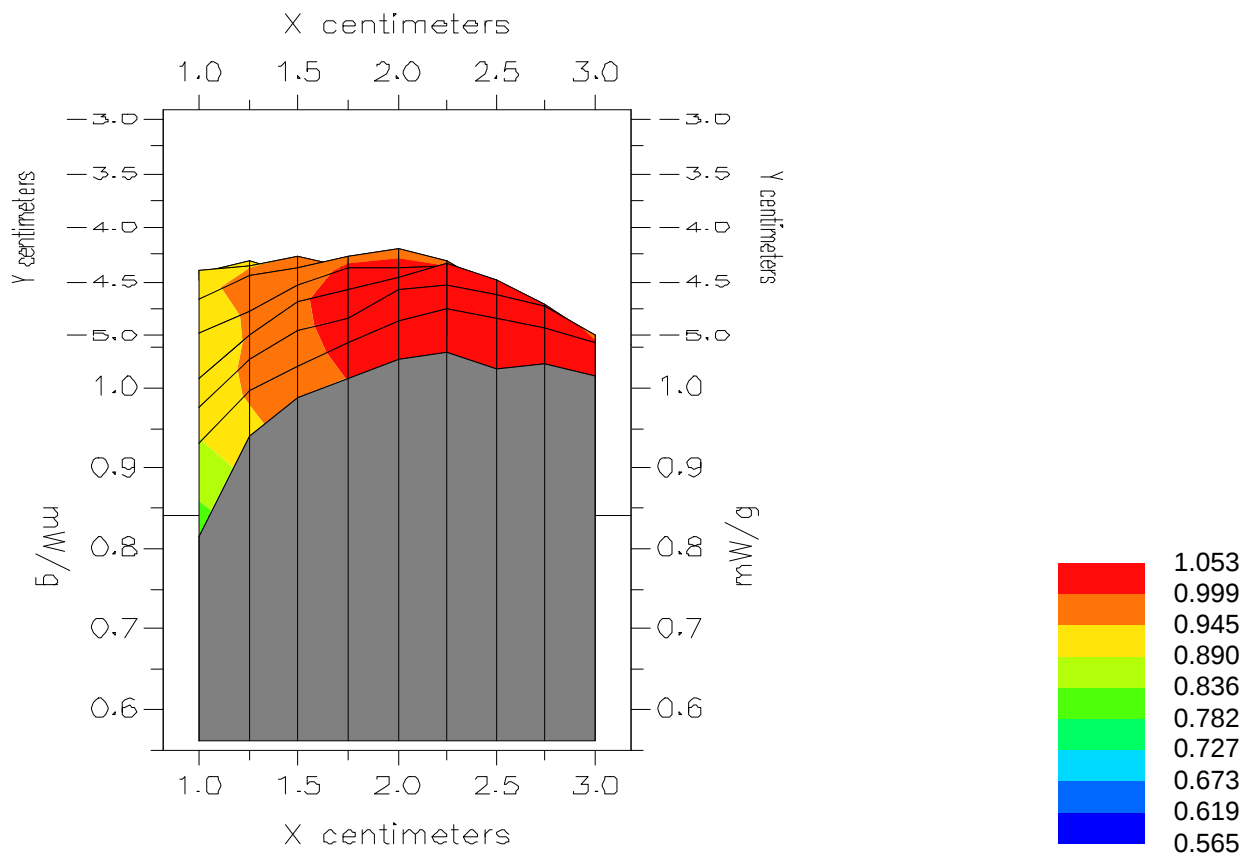


File : 01032727_ZOOM
Start : 27-Mar-101 05:16:34 pm End : 27-Mar-101 05:27:54 pm
SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

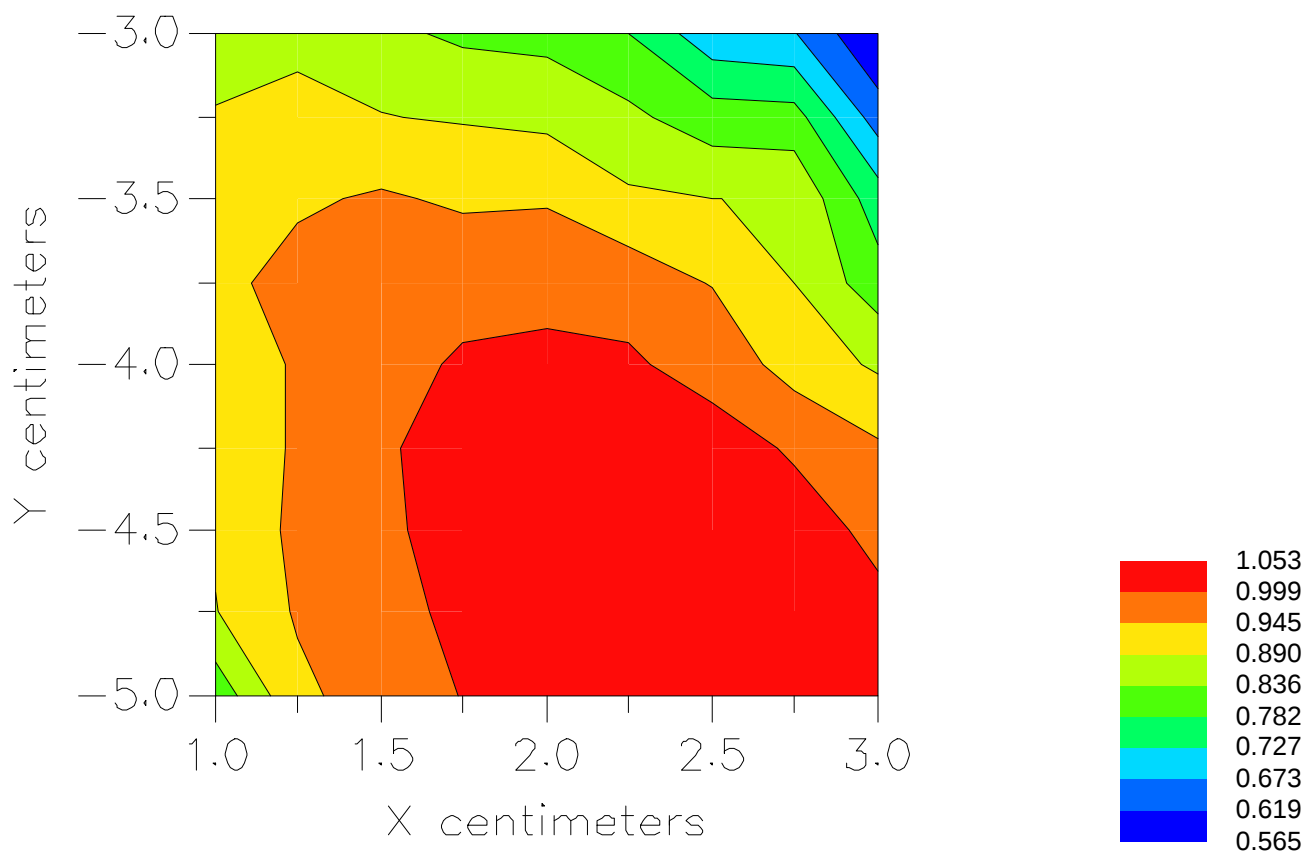


File : 01032727_ZOOM

Start : 27-Mar-101 05:16:34 pm End : 27-Mar-101 05:27:54 pm

SAMSUNG/SCH-N150/1;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/01032725_ZOOM.VLT
Start : 27-Mar-101 04:55:05 pm End : 27-Mar-101 05:04:31 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.0 dBm
SAMSUNG 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 = 2.250, Y = -4.500, Z = 0.000 (cm) Value = 18.836

Measured Values (volts) =
1.882E-002 1.380E-002 1.146E-002 9.647E-003 8.331E-003 7.476E-003
6.932E-003 6.581E-003 6.129E-003 5.615E-003 4.866E-003 3.969E-003
3.080E-003 2.193E-003 1.524E-003 1.216E-003 1.205E-003 1.447E-003
1.858E-003 2.249E-003 2.372E-003

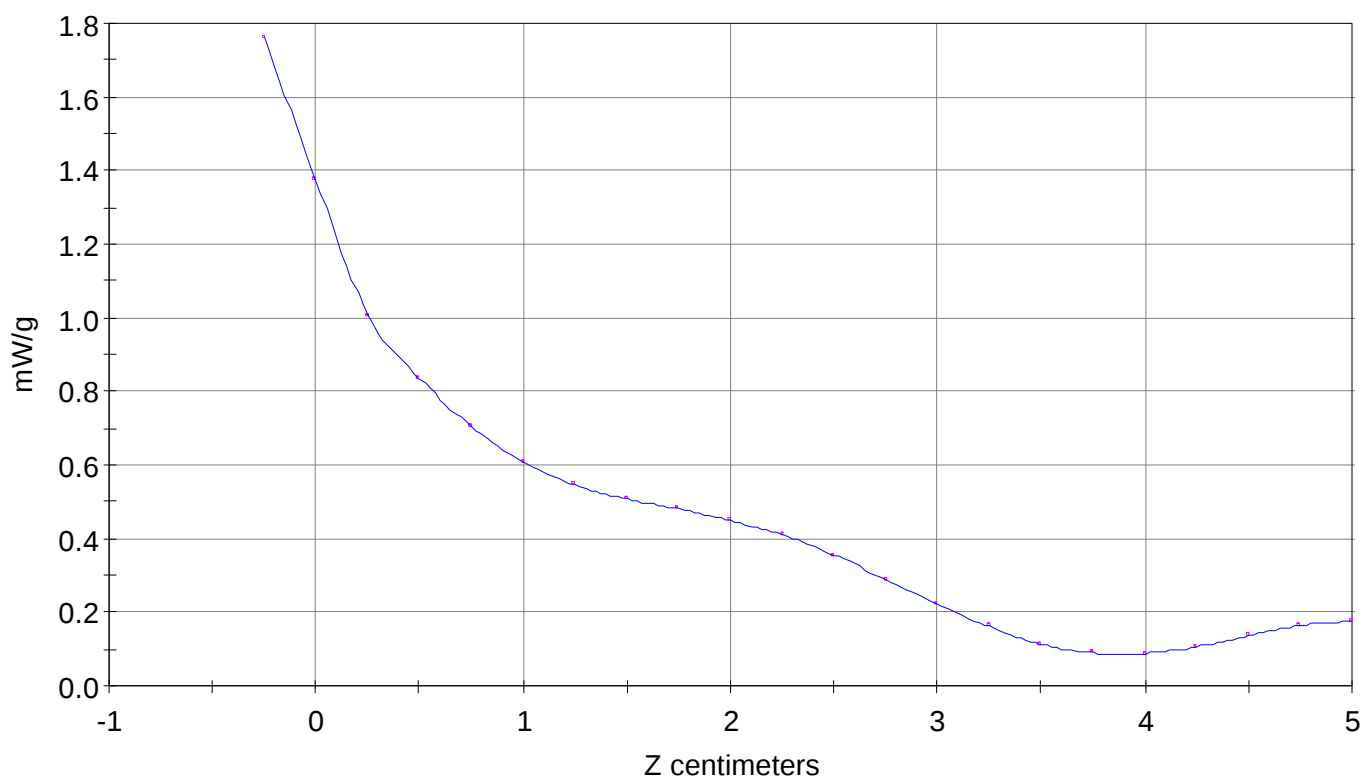
Calc. Voltage @ Surface (Vs) = 0.0242

Voltage @ 1.00 cm (Vt) = 0.0096

Ave. Voltage (Vs+Vt)/2 = 0.0169

Ave. SAR over 1 g (mW/g) = 1.2337

SAR Scan
File : 01032725_ZOOM
Start : 27-Mar-101 04:55:05 pm End : 27-Mar-101 05:04:31 pm
SAMSUNG/SCH-N150/1;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

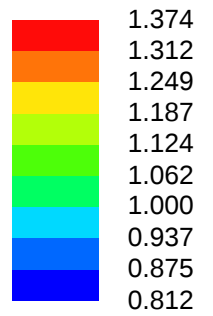
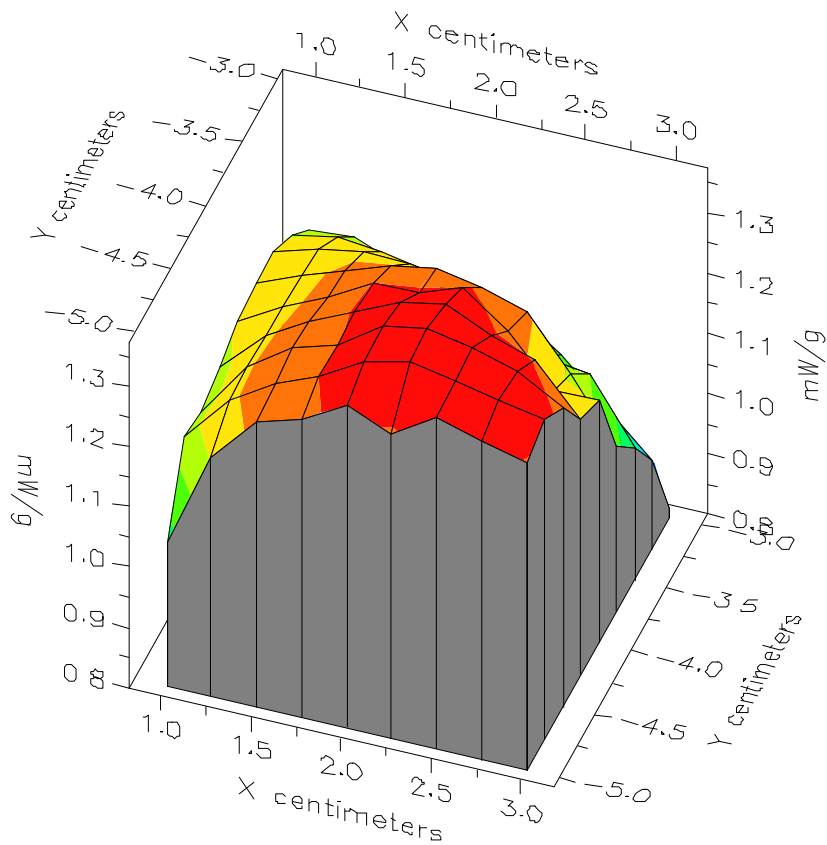


File : 01032725_ZOOM

Start : 27-Mar-101 04:55:05 pm End : 27-Mar-101 05:04:31 pm

SAMSUNG/SCH-N150/1;848.97MHz;W;Helical/In;

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

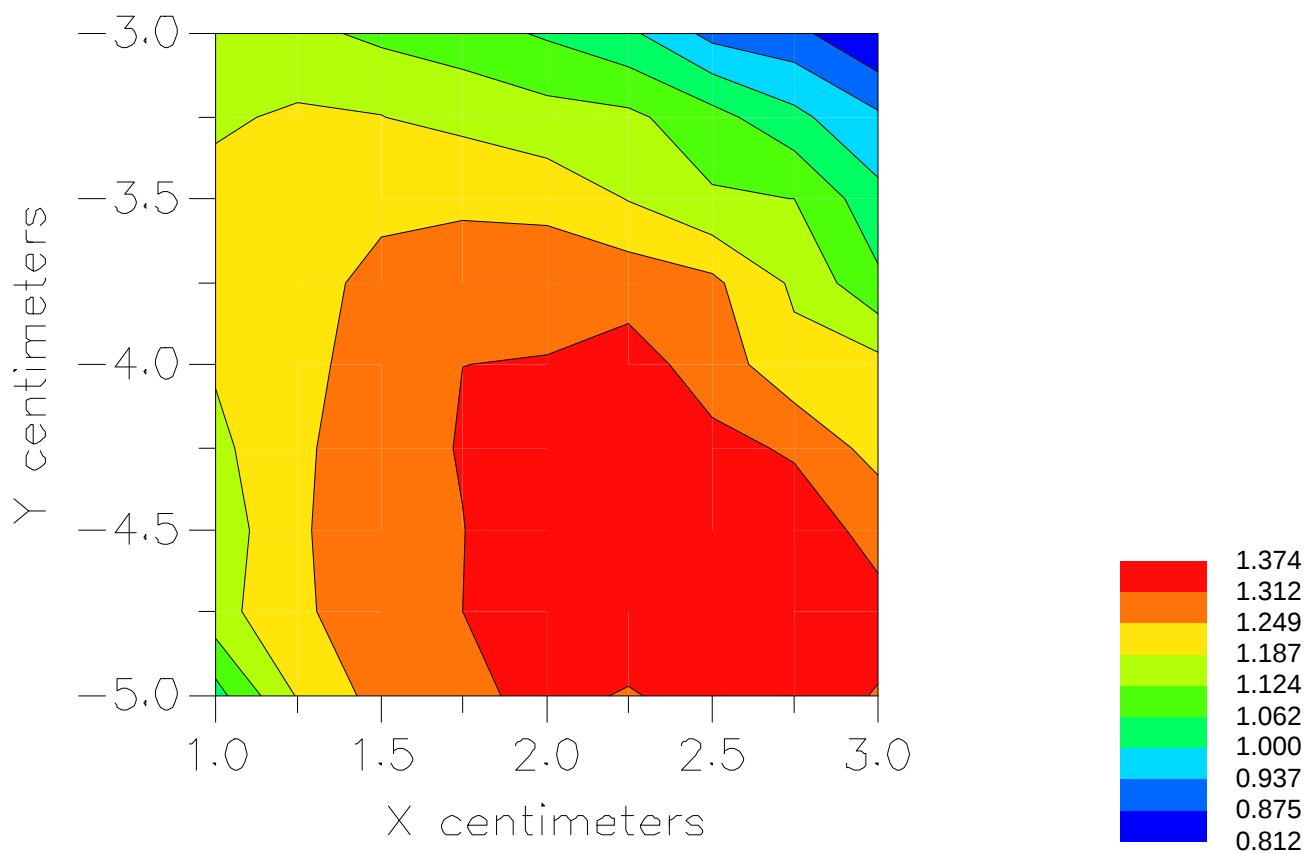


File : 01032725_ZOOM

Start : 27-Mar-101 04:55:05 pm End : 27-Mar-101 05:04:31 pm

SAMSUNG/SCH-N150/1;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/01032726_ZOOM.VLT
Start : 27-Mar-101 05:05:44 pm End : 27-Mar-101 05:15:09 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.0 dBm
SAMSUNG 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 = 2.250, Y = -4.750, Z = 0.000 (cm) Value = 17.276

Measured Values (volts) =
1.711E-002 1.311E-002 1.092E-002 9.253E-003 8.044E-003 7.125E-003
6.659E-003 6.173E-003 5.838E-003 5.253E-003 4.595E-003 3.747E-003
2.901E-003 2.117E-003 1.490E-003 1.171E-003 1.127E-003 1.409E-003
1.753E-003 2.149E-003 2.279E-003

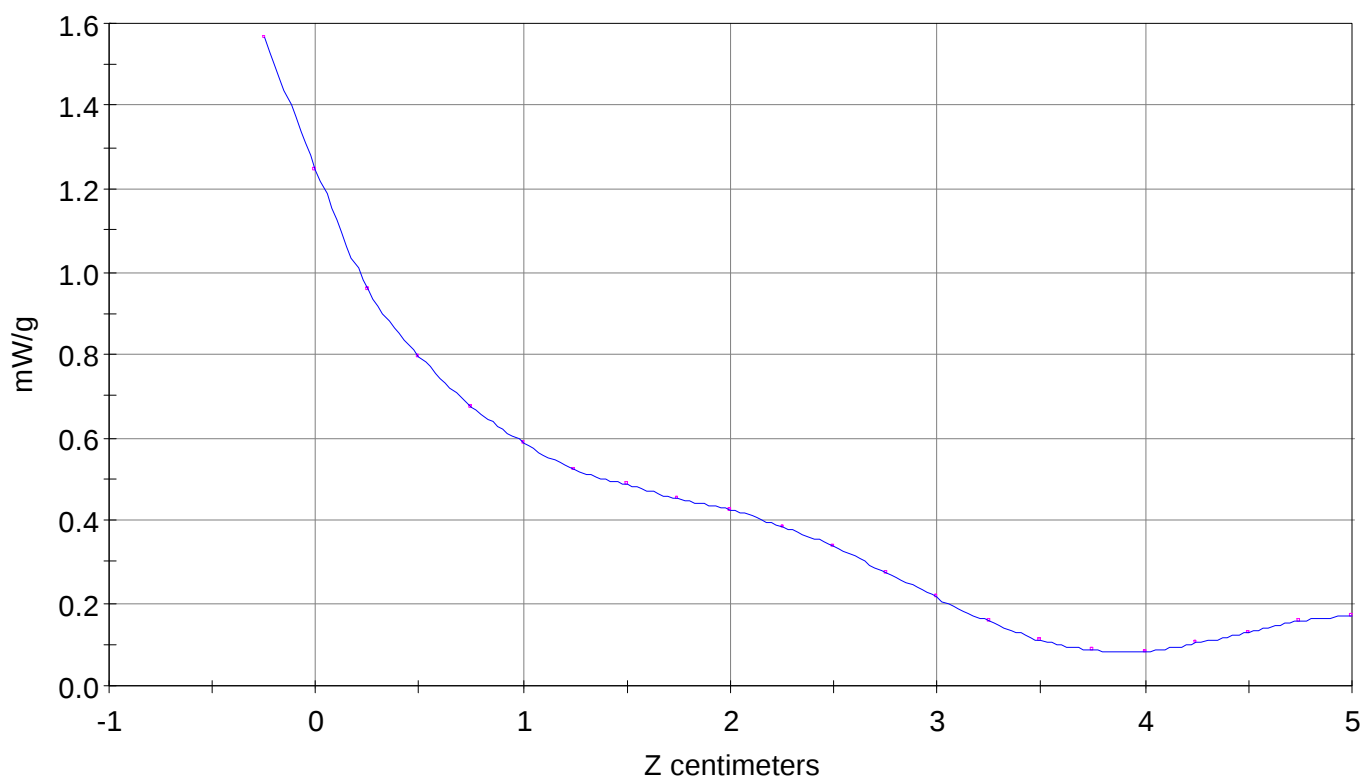
Calc. Voltage @ Surface (Vs) = 0.0214

Voltage @ 1.00 cm (Vt) = 0.0093

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

Ave. SAR over 1 g (mW/g) = 1.1198

SAR Scan
File : 01032726_ZOOM
Start : 27-Mar-101 05:05:44 pm End : 27-Mar-101 05:15:09 pm
SAMSUNG/SCH-N150/1;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

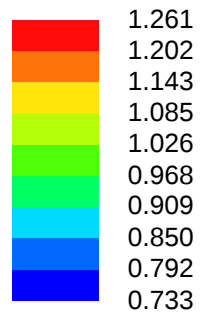
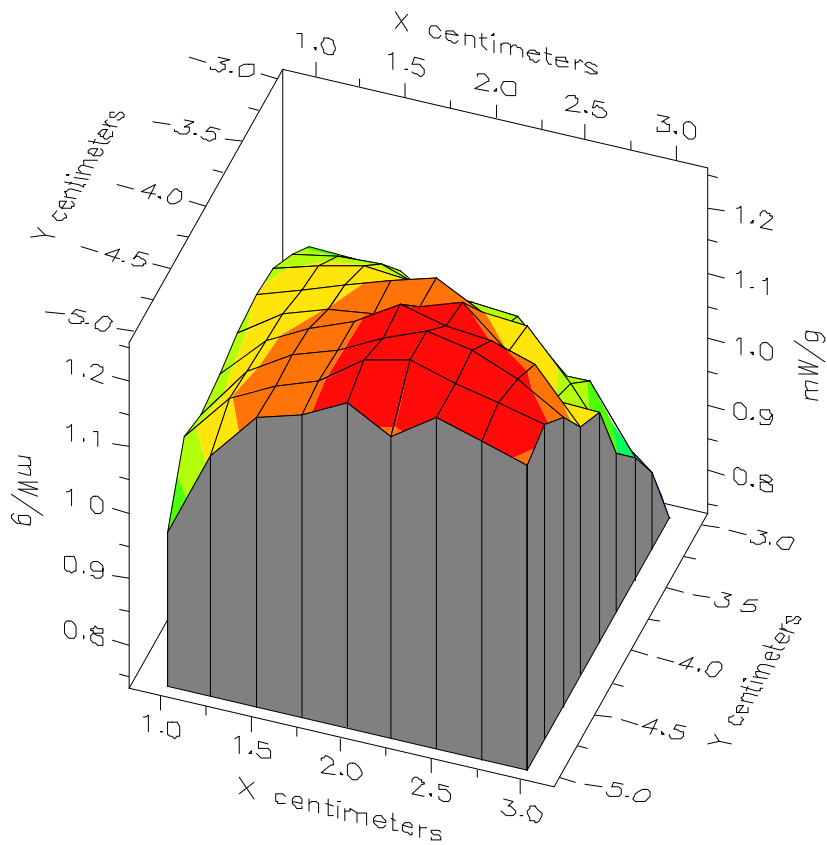


File : 01032726_ZOOM

Start : 27-Mar-101 05:05:44 pm End : 27-Mar-101 05:15:09 pm

SAMSUNG/SCH-N150/1;848.97MHz;W;Helical/Out;

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

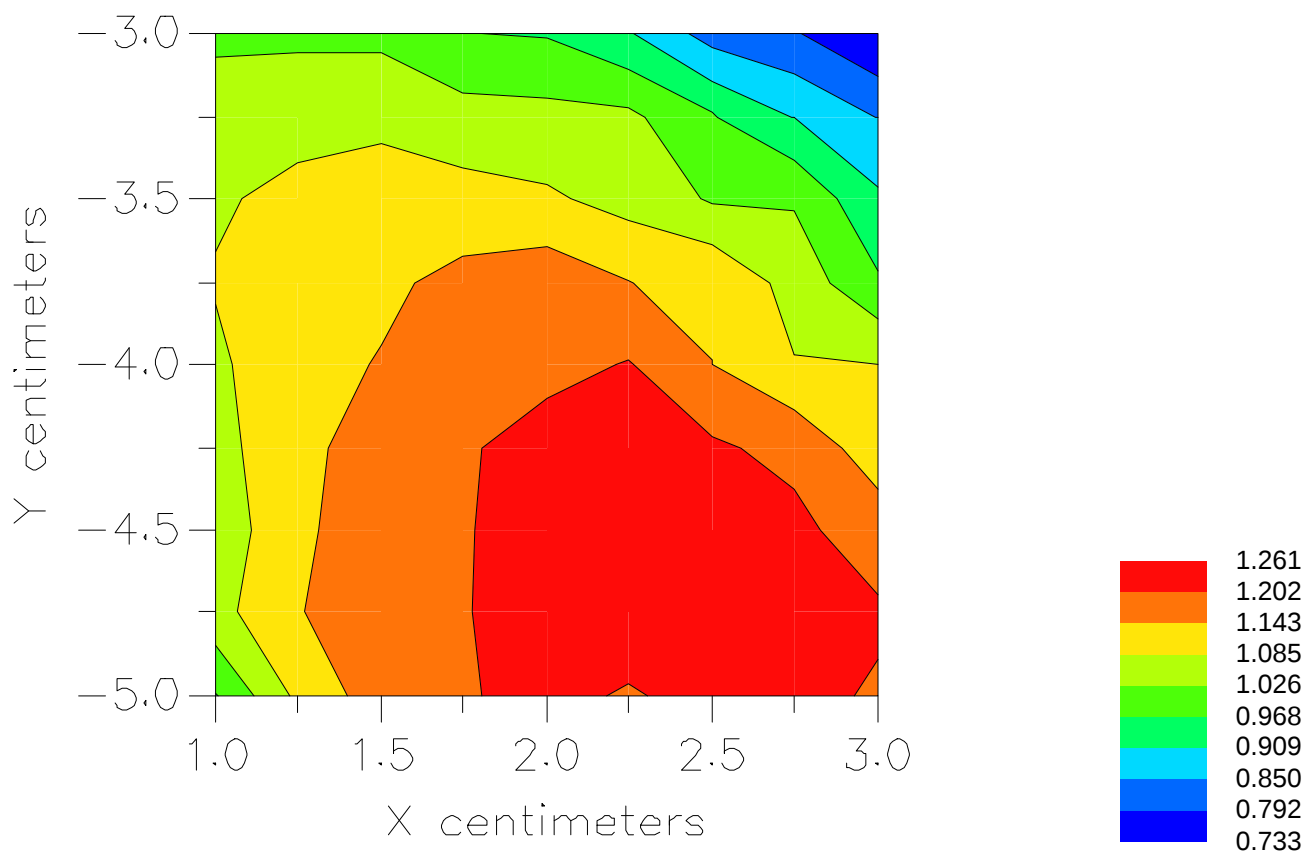


File : 01032726_ZOOM

Start : 27-Mar-101 05:05:44 pm End : 27-Mar-101 05:15:09 pm

SAMSUNG/SCH-N150/1;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/01032610_ZOOM.VLT
Start : 26-Mar-101 12:00:19 pm End : 26-Mar-101 12:10:44 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 824.70 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 :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 1013 Conducted 25.0 dBm
SAMSUNG 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 = 2.250, Y = -4.250, Z = 0.000 (cm) Value = 14.775

Measured Values (volts) =
1.454E-002 1.122E-002 9.151E-003 7.612E-003 6.623E-003 5.869E-003
5.356E-003 4.979E-003 4.723E-003 4.353E-003 3.864E-003 3.284E-003
2.541E-003 1.869E-003 1.310E-003 9.260E-004 8.120E-004 9.223E-004
1.159E-003 1.498E-003 1.694E-003

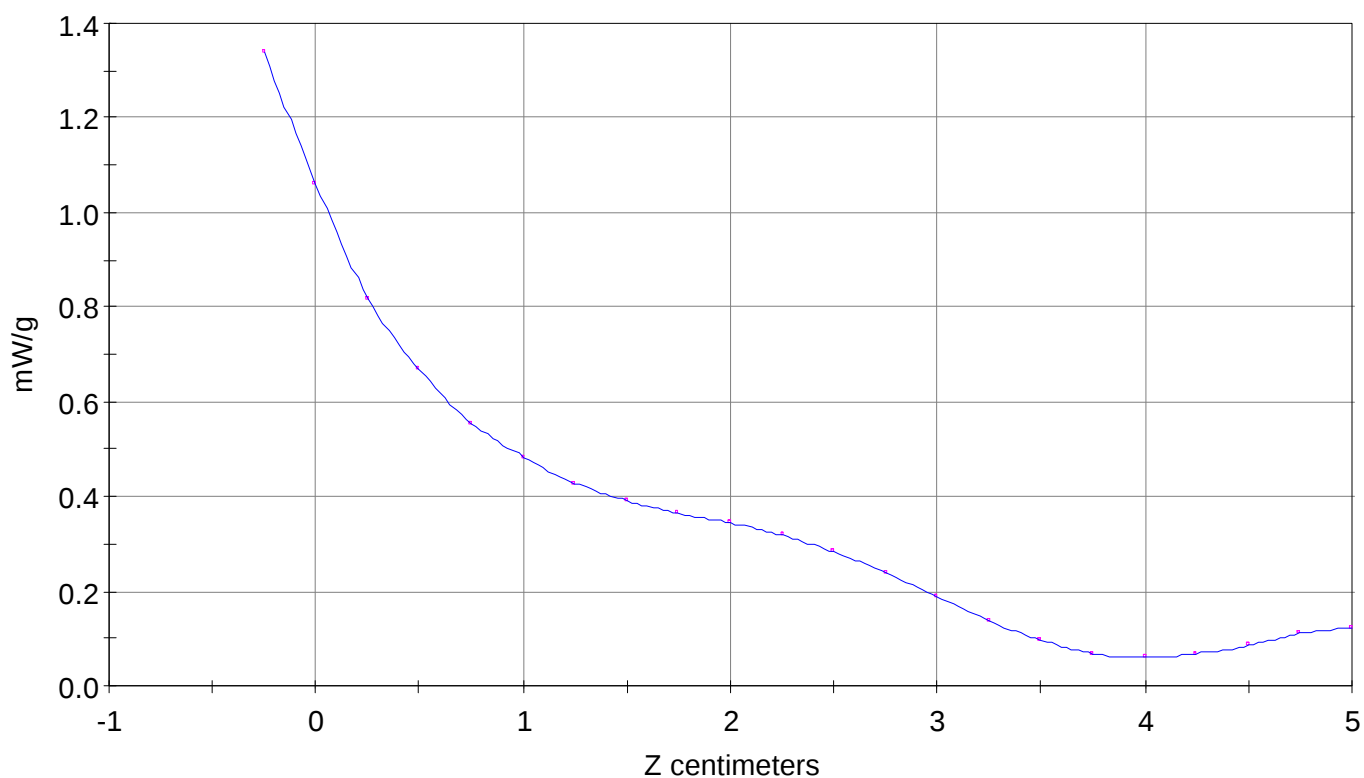
Calc. Voltage @ Surface (Vs) = 0.0183

Voltage @ 1.00 cm (Vt) = 0.0076

Ave. Voltage (Vs+Vt)/2 = 0.0130

Ave. SAR over 1 g (mW/g) = 0.9467

SAR Scan
File : 01032610_ZOOM
Start : 26-Mar-101 12:00:19 pm End : 26-Mar-101 12:10:44 pm
SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

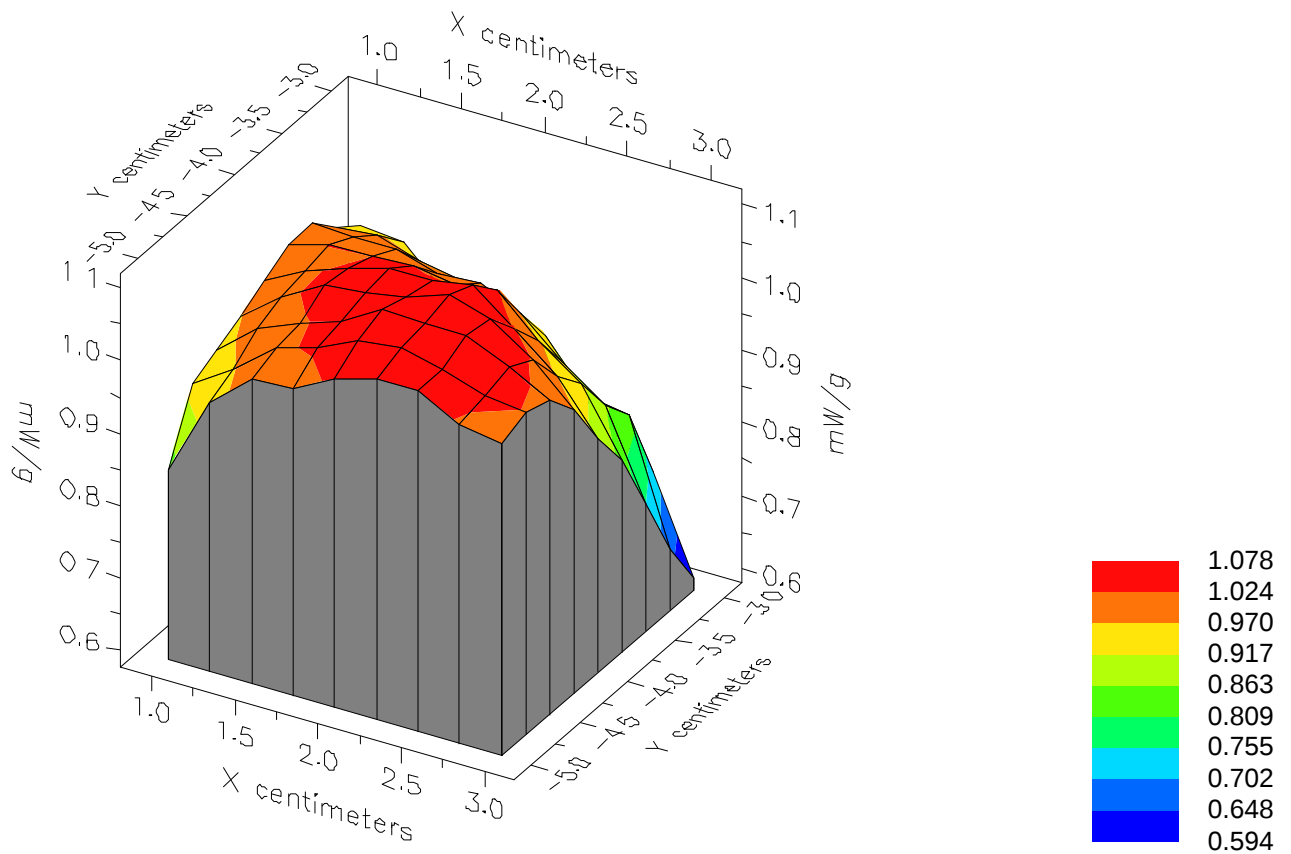


File : 01032610_ZOOM

Start : 26-Mar-101 12:00:19 pm End : 26-Mar-101 12:10:44 pm

SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/In;

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

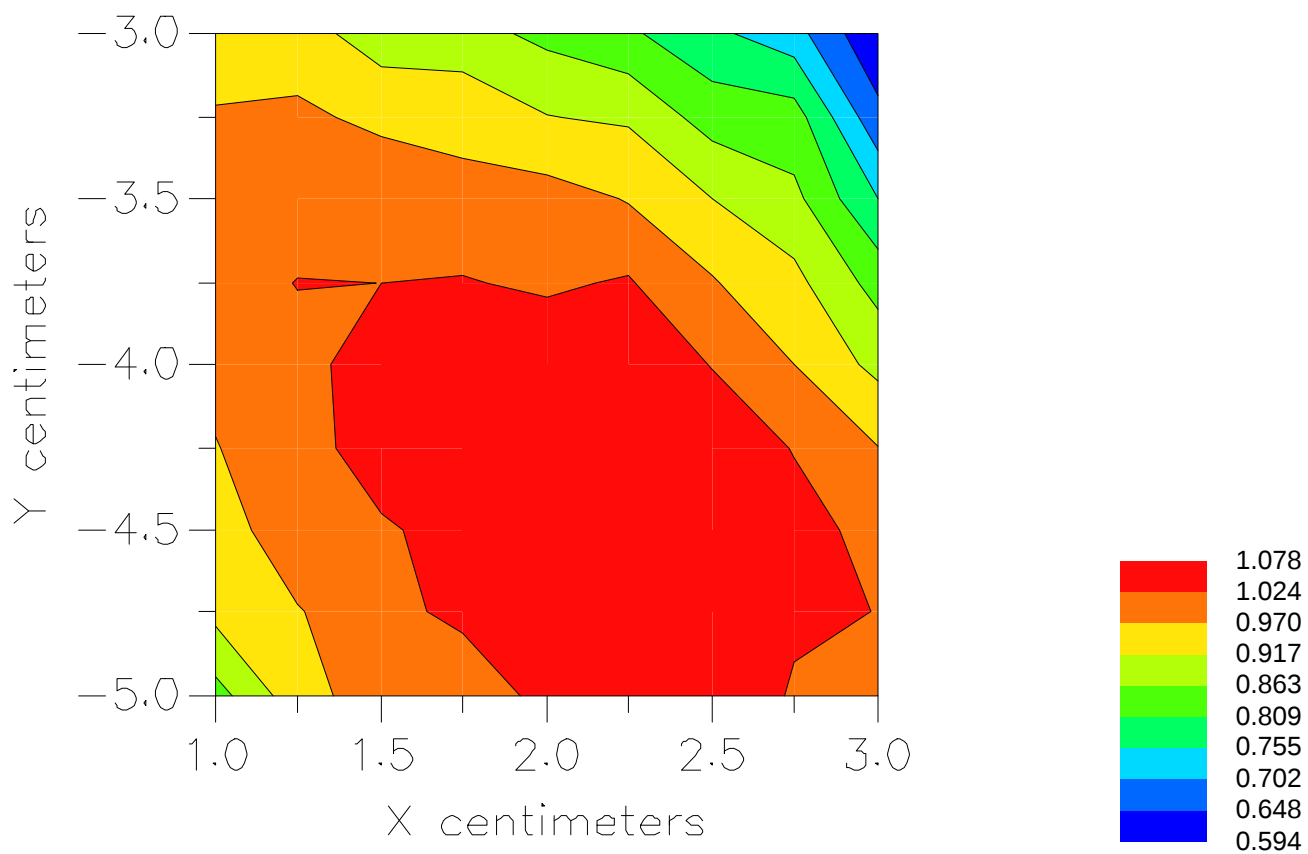


File : 01032610_ZOOM

Start : 26-Mar-101 12:00:19 pm End : 26-Mar-101 12:10:44 pm

SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032614_ZOOM.VLT
Start : 26-Mar-101 12:54:02 pm End : 26-Mar-101 01:04:28 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 824.70 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 :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 1013 Conducted 25.0 dBm
SAMSUNG 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 = 2.000, Y = -4.500, Z = 0.000 (cm) Value = 12.829

Measured Values (volts) =
1.251E-002 9.661E-003 8.179E-003 6.917E-003 5.942E-003 5.168E-003
4.832E-003 4.513E-003 4.237E-003 3.924E-003 3.469E-003 2.923E-003
2.233E-003 1.637E-003 1.107E-003 8.232E-004 7.274E-004 8.384E-004
1.097E-003 1.401E-003 1.618E-003

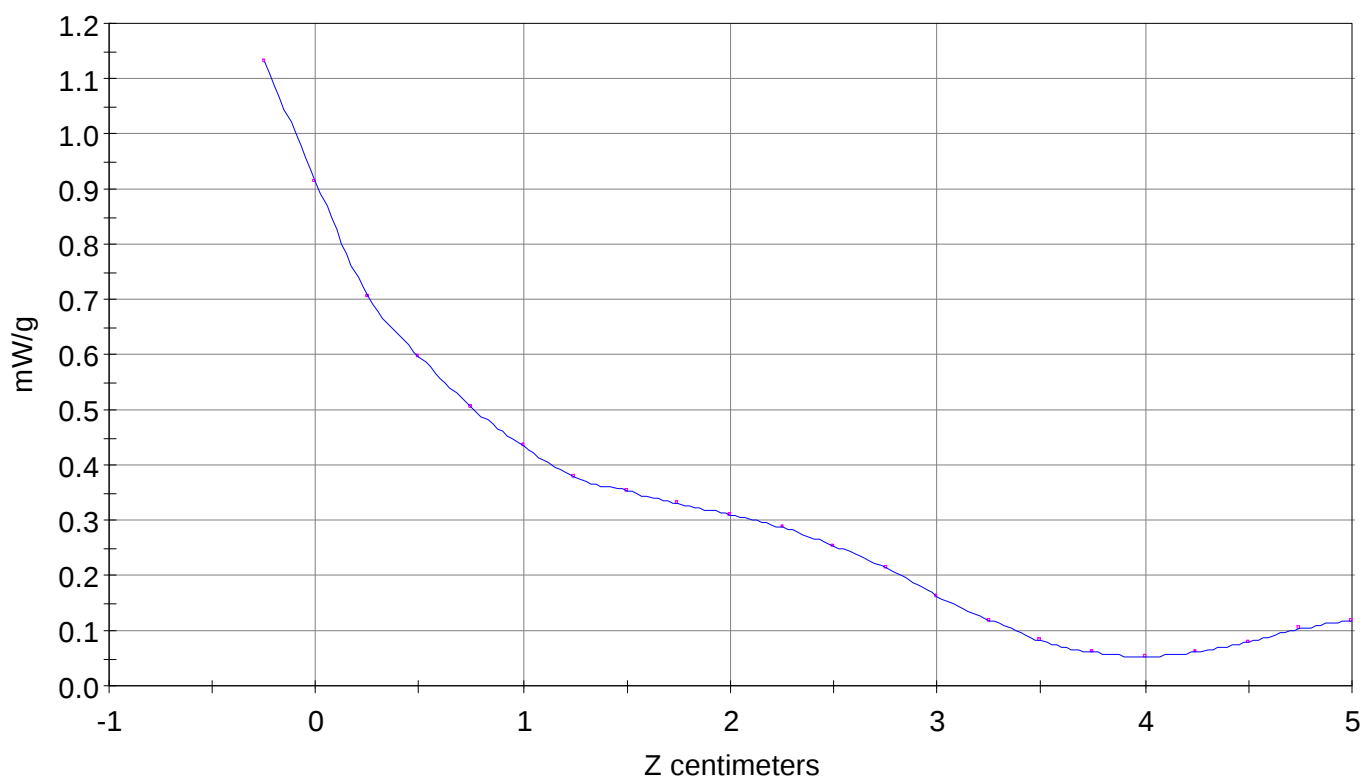
Calc. Voltage @ Surface (Vs) = 0.0155

Voltage @ 1.00 cm (Vt) = 0.0069

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

Ave. SAR over 1 g (mW/g) = 0.8176

SAR Scan
File : 01032614_ZOOM
Start : 26-Mar-101 12:54:02 pm End : 26-Mar-101 01:04:28 pm
SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

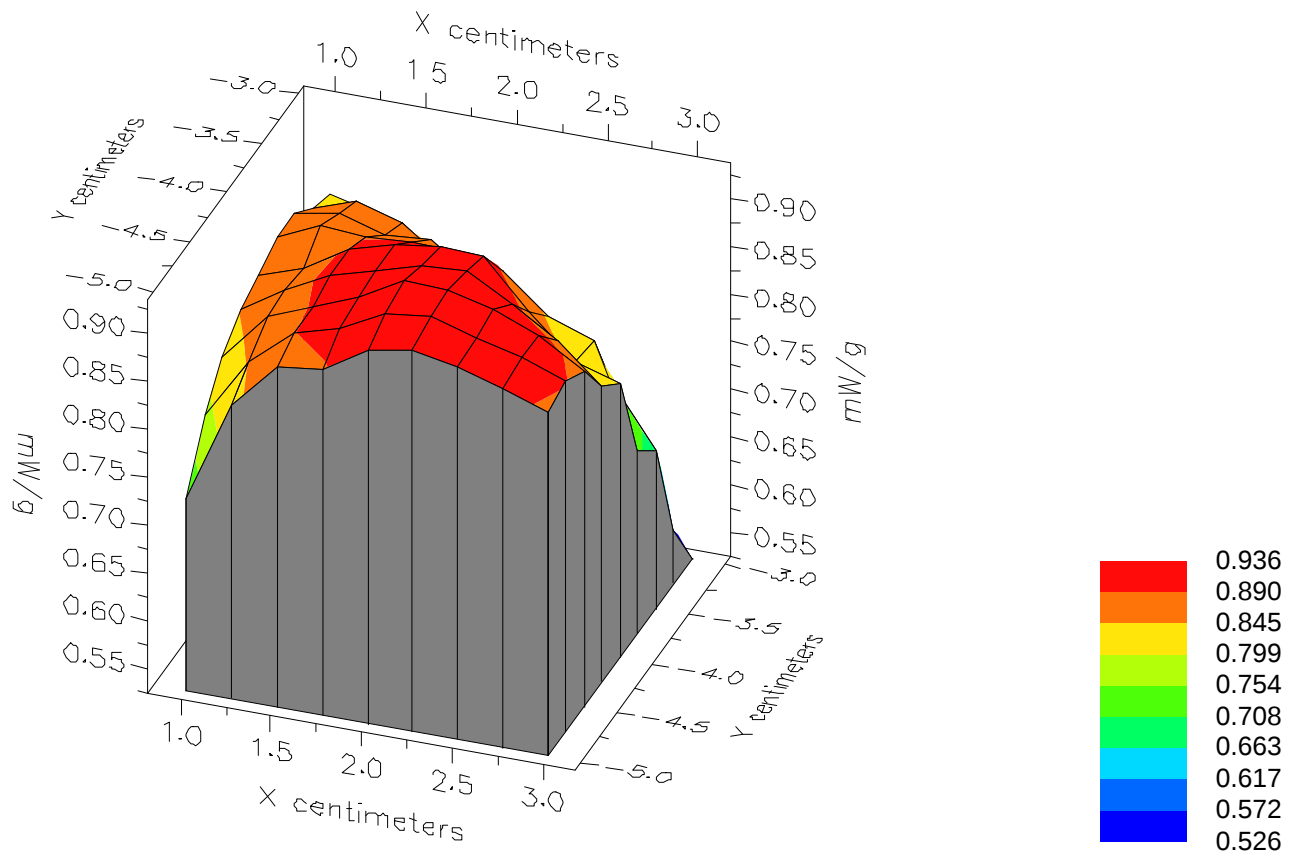


File : 01032614_ZOOM

Start : 26-Mar-101 12:54:02 pm End : 26-Mar-101 01:04:28 pm

SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/Out;

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

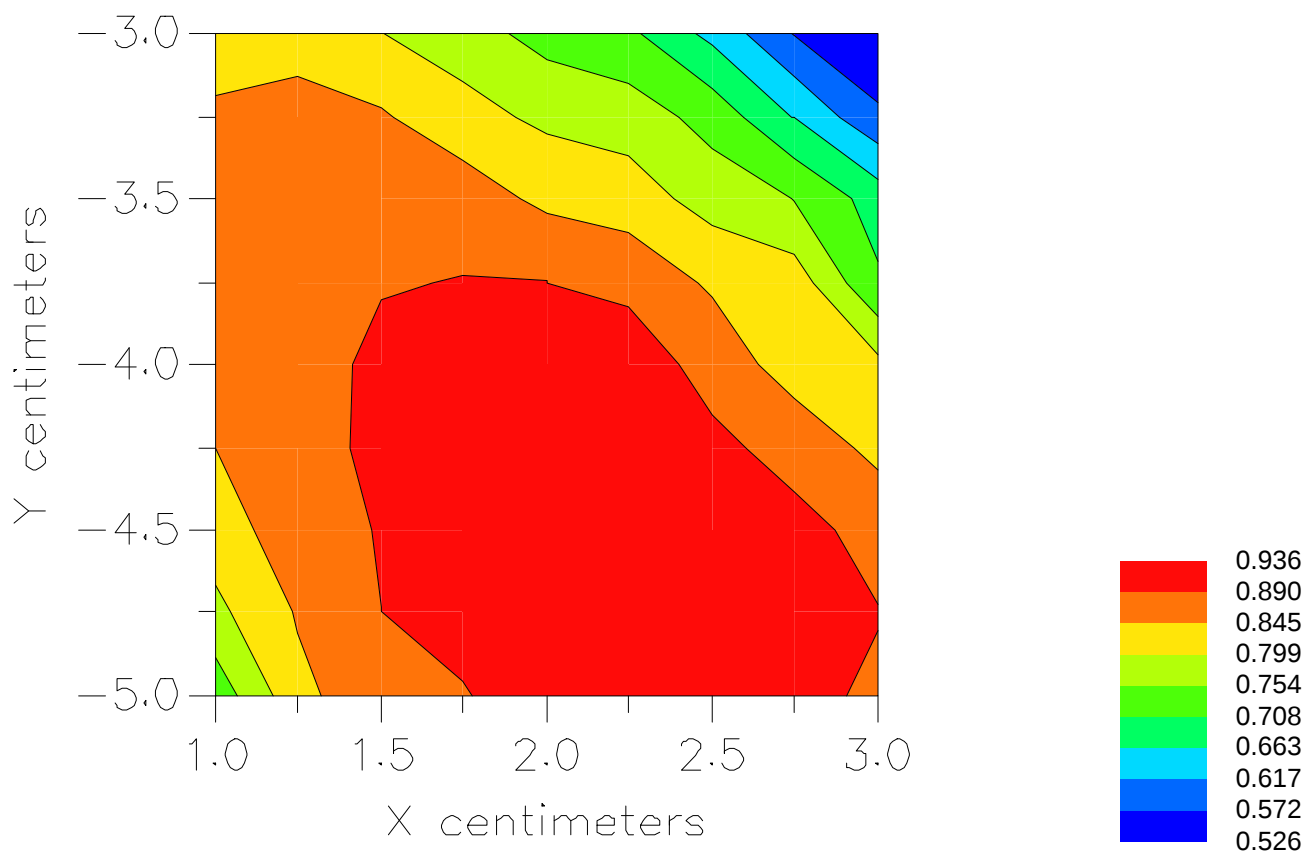


File : 01032614_ZOOM

Start : 26-Mar-101 12:54:02 pm End : 26-Mar-101 01:04:28 pm

SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032608_ZOOM.VLT
Start : 26-Mar-101 11:39:23 am End : 26-Mar-101 11:49:45 am

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 25.0 dBm
SAMSUNG 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 = 2.250, Y = -4.500, Z = 0.000 (cm) Value = 12.285

Measured Values (volts) =
1.216E-002 9.402E-003 7.758E-003 6.402E-003 5.523E-003 4.834E-003
4.404E-003 4.201E-003 3.902E-003 3.615E-003 3.172E-003 2.671E-003
2.044E-003 1.559E-003 1.036E-003 7.732E-004 6.489E-004 7.627E-004
1.014E-003 1.331E-003 1.458E-003

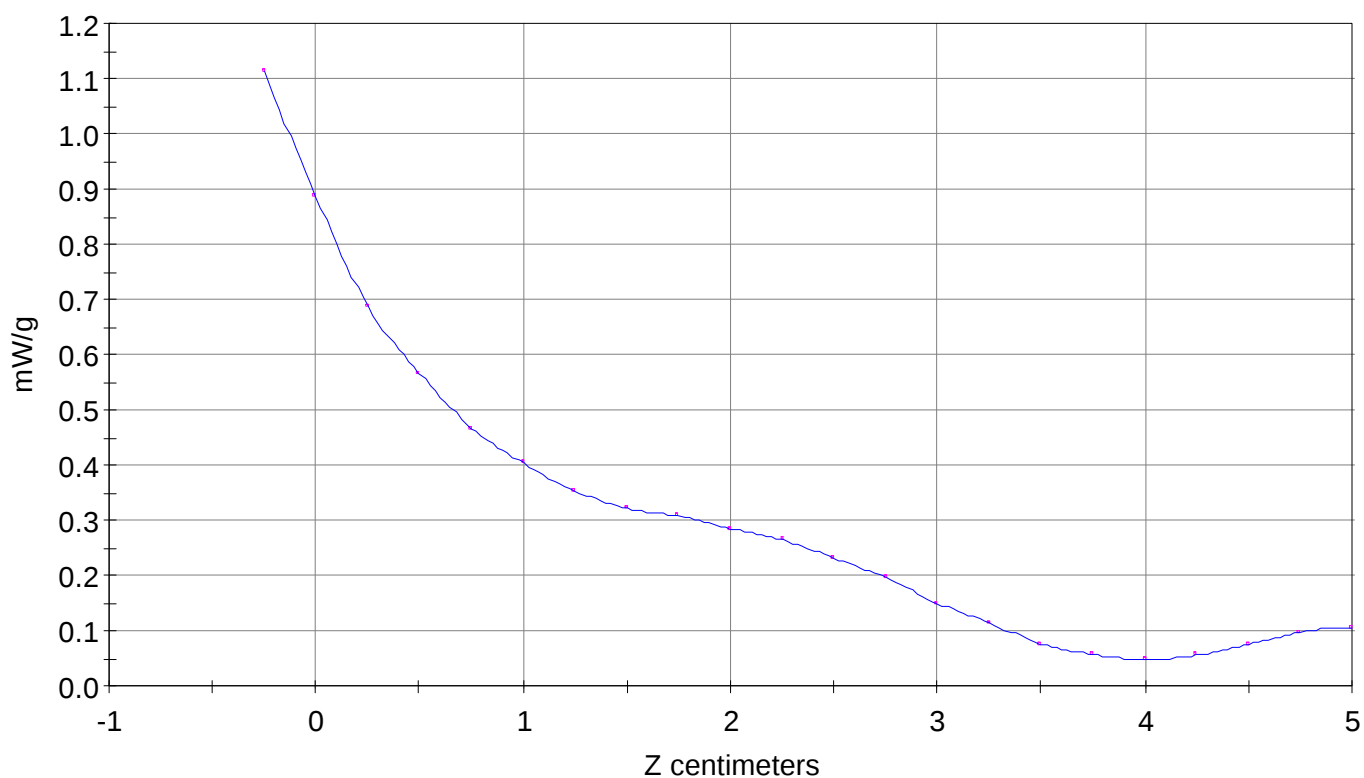
Calc. Voltage @ Surface (Vs) = 0.0152

Voltage @ 1.00 cm (Vt) = 0.0064

Ave. Voltage (Vs+Vt)/2 = 0.0108

Ave. SAR over 1 g (mW/g) = 0.7893

SAR Scan
File : 01032608_ZOOM
Start : 26-Mar-101 11:39:23 am End : 26-Mar-101 11:49:45 am
SAMSUNG/SCH-N150/1;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

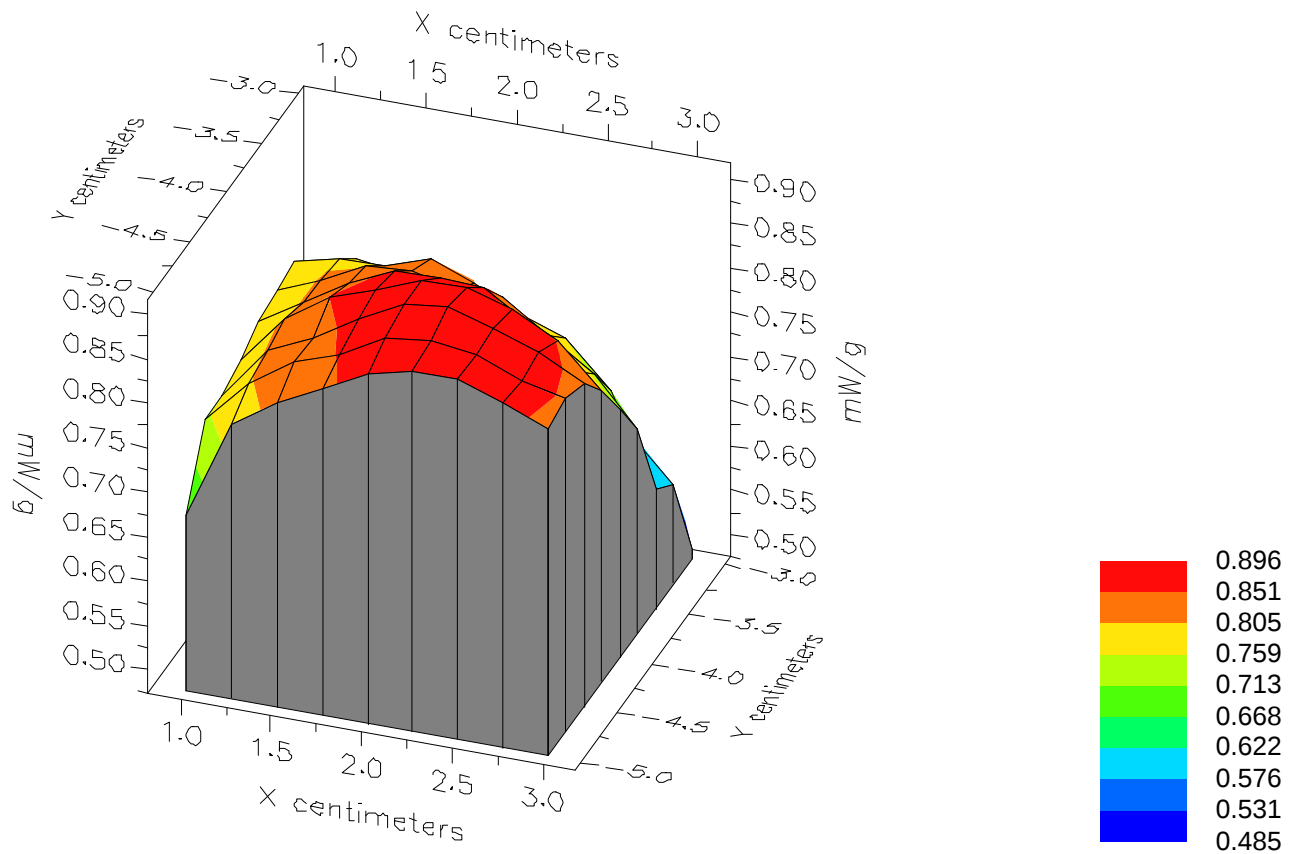


File : 01032608_ZOOM

Start : 26-Mar-101 11:39:23 am End : 26-Mar-101 11:49:45 am

SAMSUNG/SCH-N150/1;835.89MHz;W;Helical/In;

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

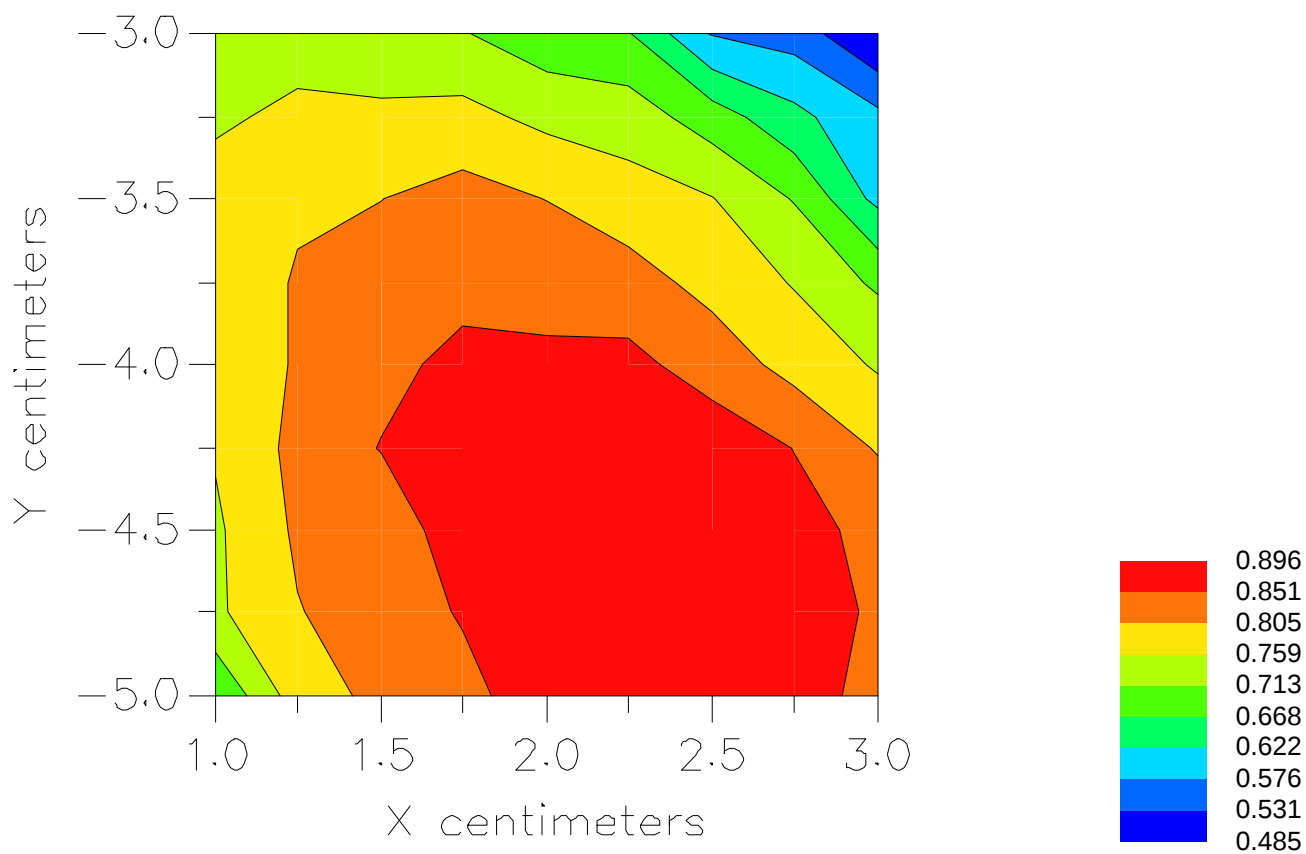


File : 01032608_ZOOM

Start : 26-Mar-101 11:39:23 am End : 26-Mar-101 11:49:45 am

SAMSUNG/SCH-N150/1;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/01032613_ZOOM.VLT
Start : 26-Mar-101 12:42:23 pm End : 26-Mar-101 12:51:46 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 25.0 dBm
SAMSUNG 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 = 2.000, Y = -4.500, Z = 0.000 (cm) Value = 12.163

Measured Values (volts) =
1.152E-002 9.361E-003 7.735E-003 6.437E-003 5.520E-003 4.848E-003
4.404E-003 4.075E-003 3.887E-003 3.609E-003 3.256E-003 2.804E-003
2.232E-003 1.621E-003 1.145E-003 7.626E-004 6.673E-004 7.143E-004
9.105E-004 1.228E-003 1.422E-003

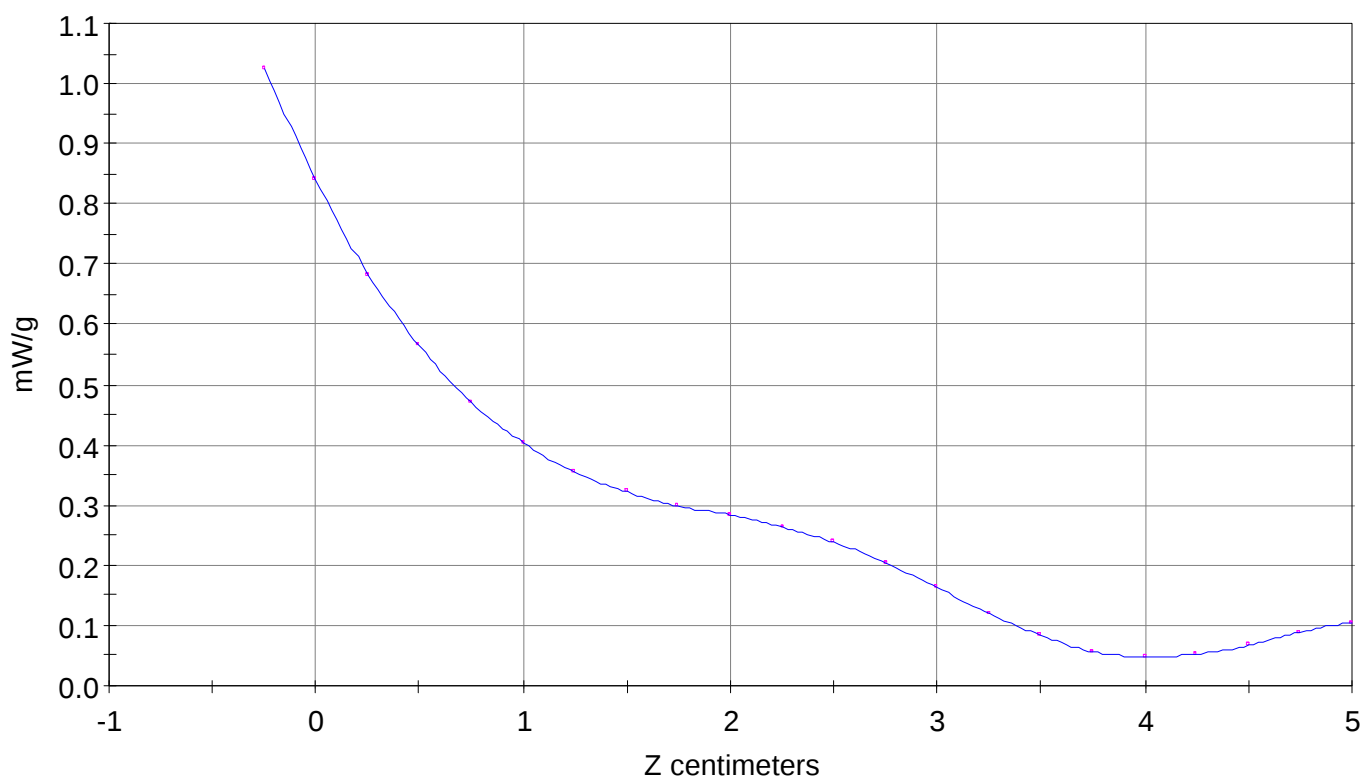
Calc. Voltage @ Surface (Vs) = 0.0141

Voltage @ 1.00 cm (Vt) = 0.0064

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

Ave. SAR over 1 g (mW/g) = 0.7477

SAR Scan
File : 01032613_ZOOM
Start : 26-Mar-101 12:42:23 pm End : 26-Mar-101 12:51:46 pm
SAMSUNG/SCH-N150/1;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

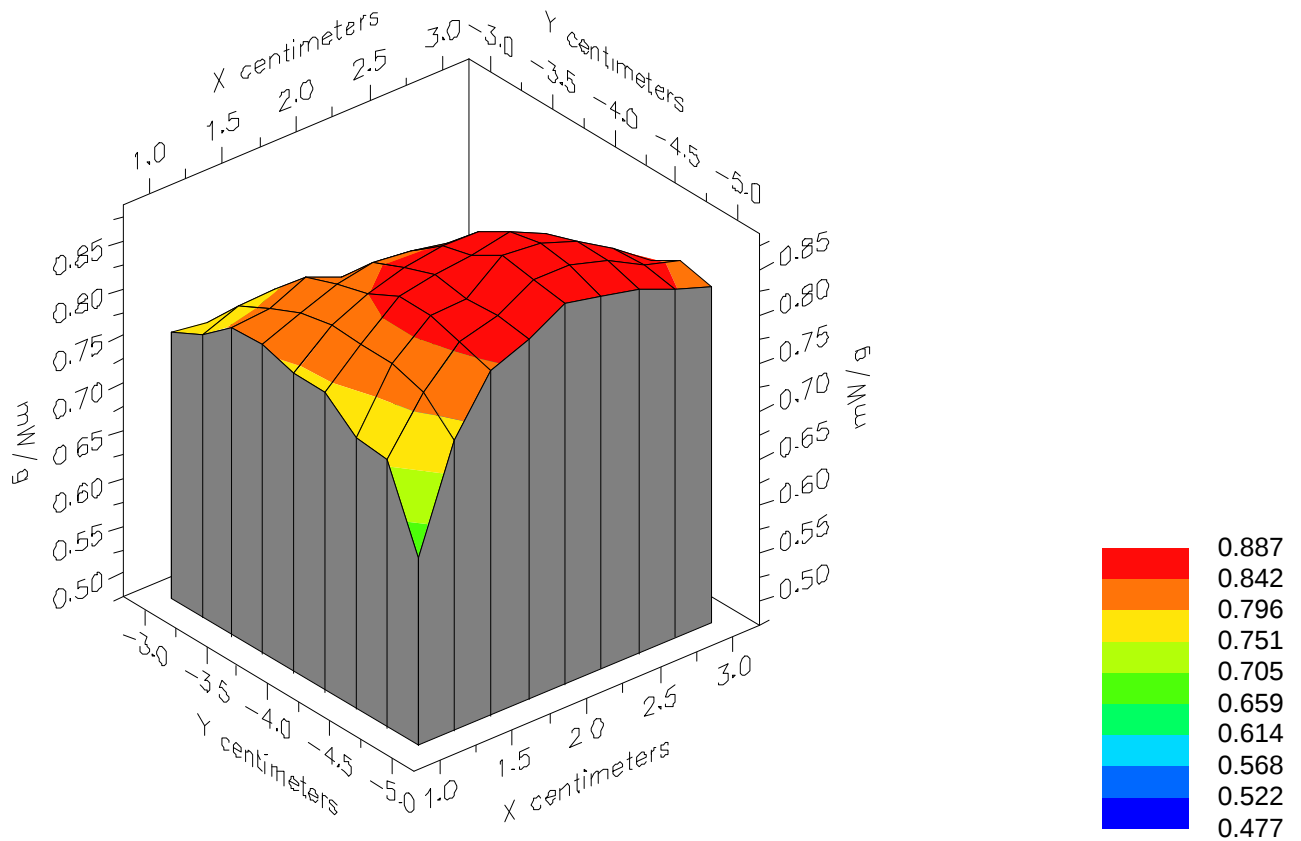


File : 01032613_ZOOM

Start : 26-Mar-101 12:42:23 pm End : 26-Mar-101 12:51:46 pm

SAMSUNG/SCH-N150/1;835.89MHz;W;Helical/Out;

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

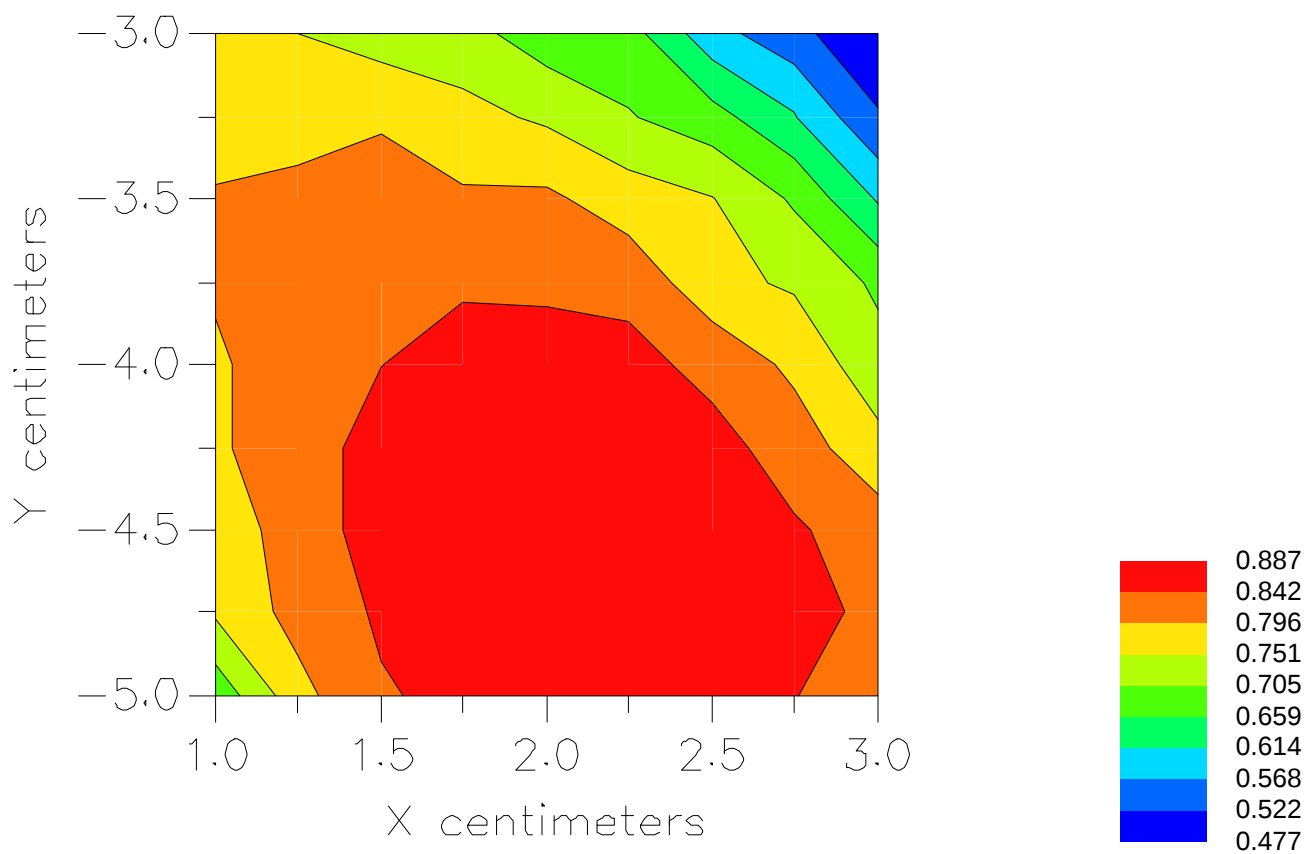


File : 01032613_ZOOM

Start : 26-Mar-101 12:42:23 pm End : 26-Mar-101 12:51:46 pm

SAMSUNG/SCH-N150/1;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032611_ZOOM.VLT
Start : 26-Mar-101 12:12:35 pm End : 26-Mar-101 12:23:01 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 848.31 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 :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 0777 Conducted 25.0 dBm
SAMSUNG 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 = 2.250, Y = -4.500, Z = 0.000 (cm) Value = 14.533

Measured Values (volts) =
1.435E-002 1.124E-002 9.085E-003 7.664E-003 6.466E-003 5.692E-003
5.157E-003 4.833E-003 4.567E-003 4.190E-003 3.767E-003 3.156E-003
2.474E-003 1.779E-003 1.269E-003 9.247E-004 7.859E-004 8.971E-004
1.186E-003 1.511E-003 1.717E-003

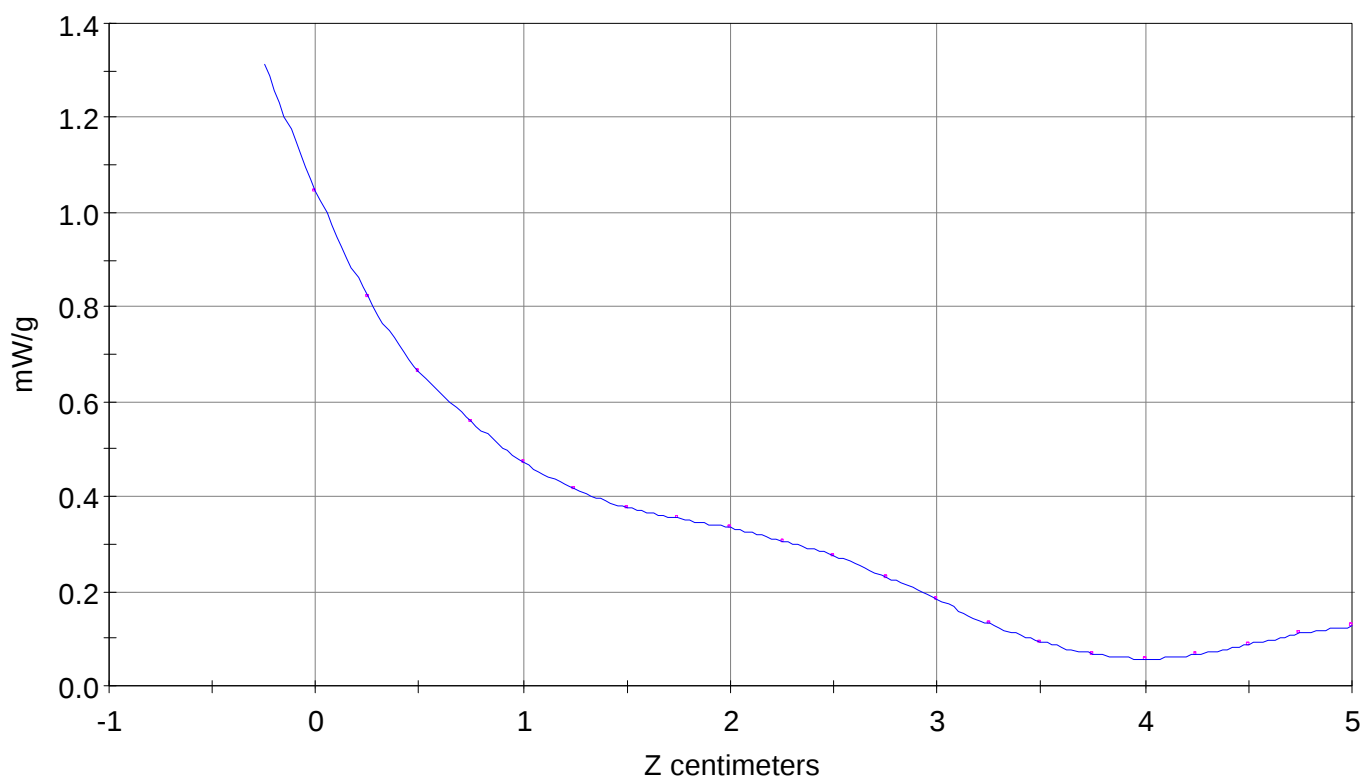
Calc. Voltage @ Surface (Vs) = 0.0180

Voltage @ 1.00 cm (Vt) = 0.0077

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

Ave. SAR over 1 g (mW/g) = 0.9374

SAR Scan
File : 01032611_ZOOM
Start : 26-Mar-101 12:12:35 pm End : 26-Mar-101 12:23:01 pm
SAMSUNG/SCH-N150/1;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

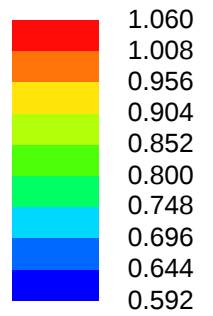
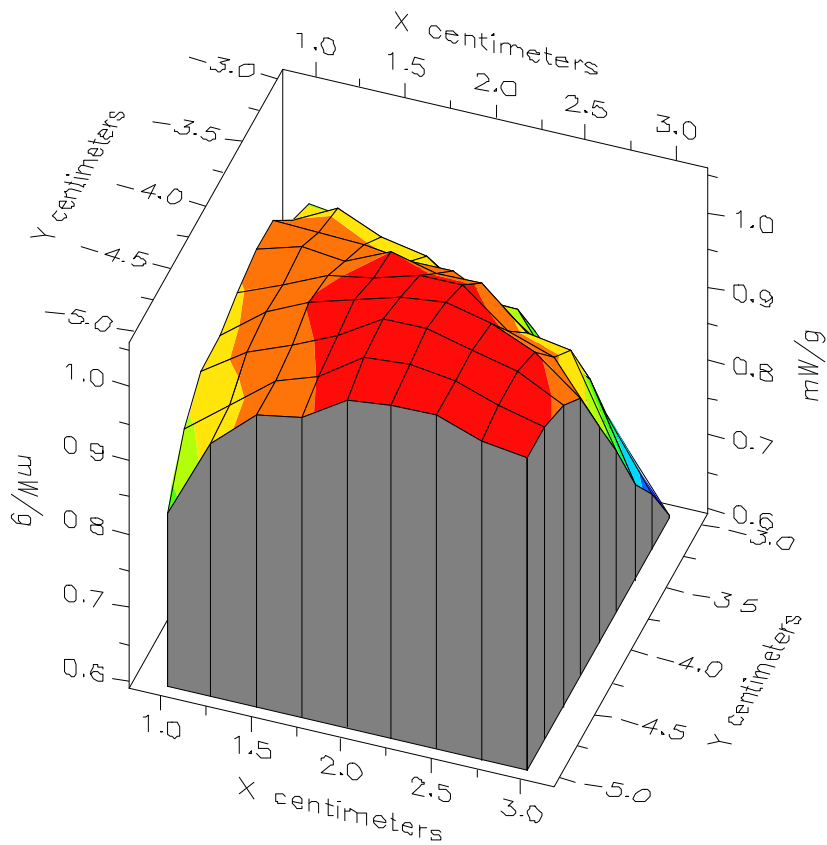


File : 01032611_ZOOM

Start : 26-Mar-101 12:12:35 pm End : 26-Mar-101 12:23:01 pm

SAMSUNG/SCH-N150/1;848.31MHz;W;Helical/In;

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

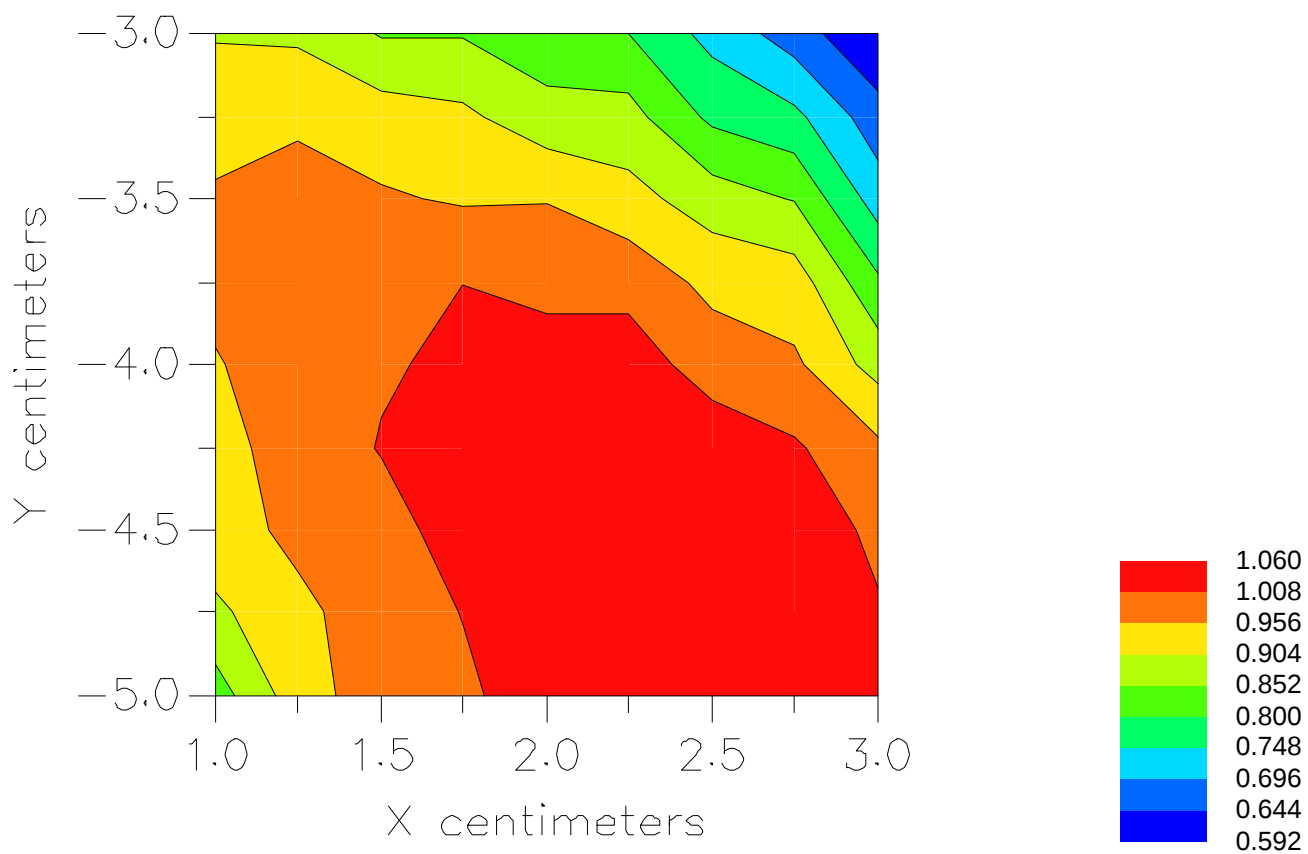


File : 01032611_ZOOM

Start : 26-Mar-101 12:12:35 pm End : 26-Mar-101 12:23:01 pm

SAMSUNG/SCH-N150/1;848.31MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032612_ZOOM.VLT
Start : 26-Mar-101 12:24:51 pm End : 26-Mar-101 12:35:07 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 848.31 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 :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 0777 Conducted 25.0 dBm
SAMSUNG 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 = 2.250, Y = -4.500, Z = 0.000 (cm) Value = 12.981

Measured Values (volts) =
1.281E-002 9.760E-003 7.993E-003 6.798E-003 5.799E-003 5.052E-003
4.605E-003 4.307E-003 4.062E-003 3.716E-003 3.369E-003 2.838E-003
2.256E-003 1.605E-003 1.101E-003 8.302E-004 7.351E-004 8.569E-004
1.093E-003 1.416E-003 1.540E-003

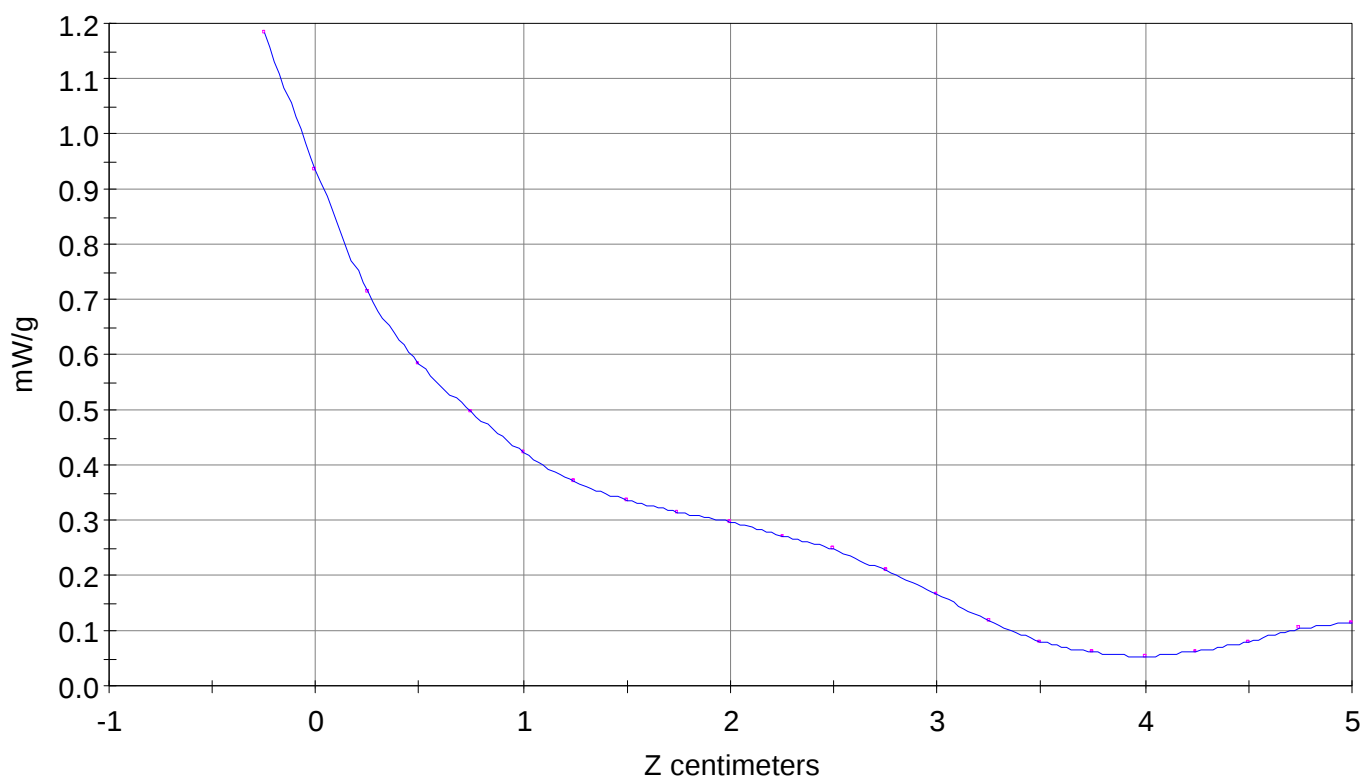
Calc. Voltage @ Surface (Vs) = 0.0162

Voltage @ 1.00 cm (Vt) = 0.0068

Ave. Voltage (Vs+Vt)/2 = 0.0115

Ave. SAR over 1 g (mW/g) = 0.8401

SAR Scan
File : 01032612_ZOOM
Start : 26-Mar-101 12:24:51 pm End : 26-Mar-101 12:35:07 pm
SAMSUNG/SCH-N150/1;848.31MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

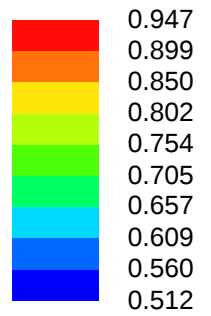
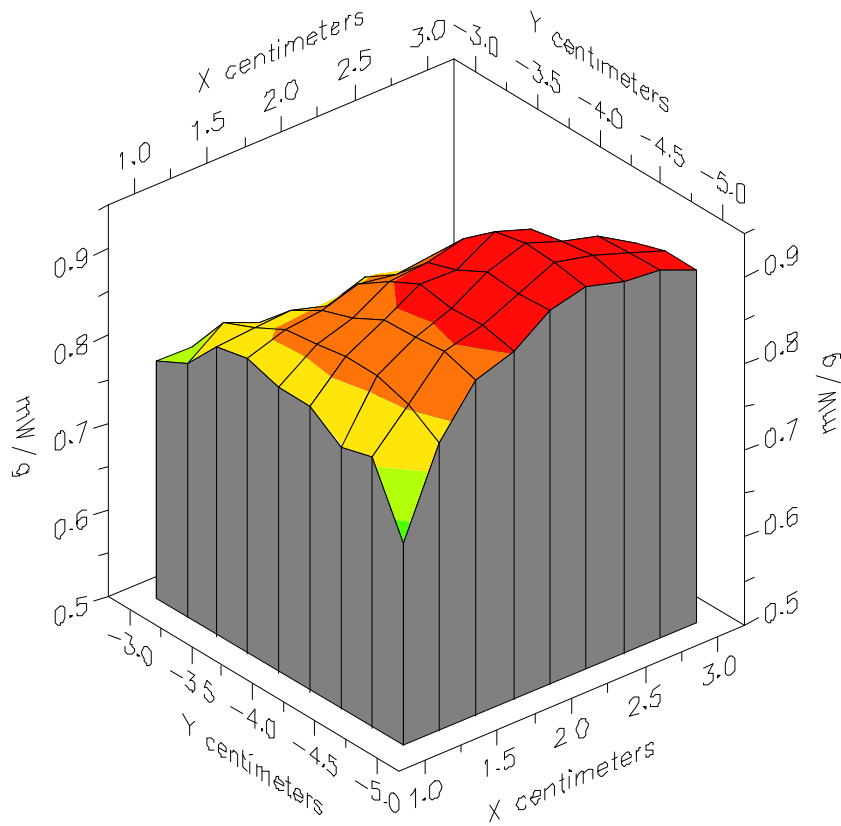


File : 01032612_ZOOM

Start : 26-Mar-101 12:24:51 pm End : 26-Mar-101 12:35:07 pm

SAMSUNG/SCH-N150/1;848.31MHz;W;Helical/Out;

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

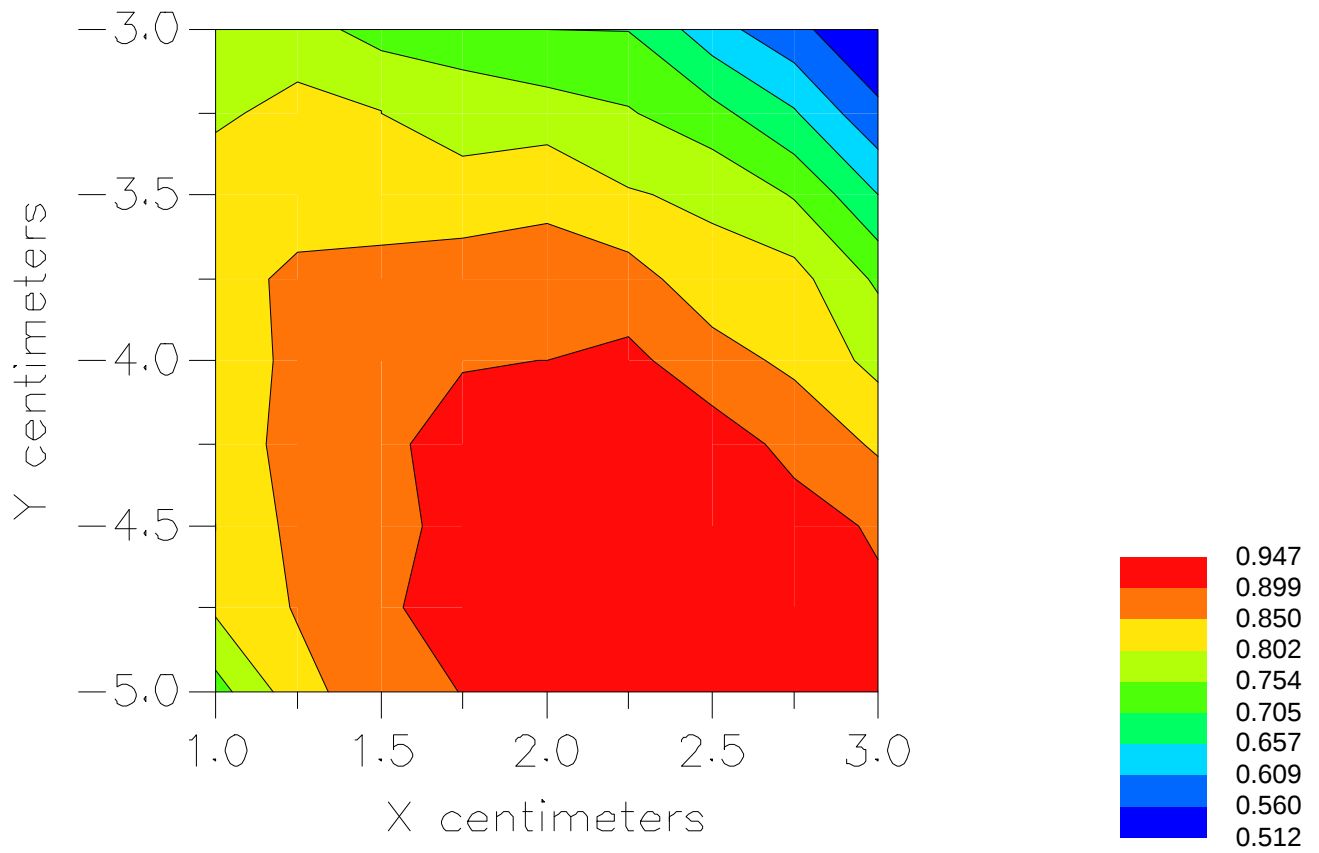


File : 01032612_ZOOM

Start : 26-Mar-101 12:24:51 pm End : 26-Mar-101 12:35:07 pm

SAMSUNG/SCH-N150/1;848.31MHz;W;Helical/Out;

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



Peak SAR Location

1800 MHz Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032715_ZOOM.VLT
Start : 27-Mar-101 03:09:48 pm End : 27-Mar-101 03:22:00 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 0025 Conducted 24.5 dBm
SAMSUNG 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 = 0.000, Y = -2.750, Z = 0.000 (cm) Value = 15.064

Measured Values (volts) =
1.434E-002 1.173E-002 8.536E-003 6.047E-003 4.553E-003 3.377E-003
2.553E-003 1.897E-003 1.412E-003 9.695E-004 7.402E-004 4.996E-004
4.411E-004 3.399E-004 2.697E-004 1.513E-004 5.327E-005 2.695E-005
2.595E-005 8.437E-005 4.004E-005

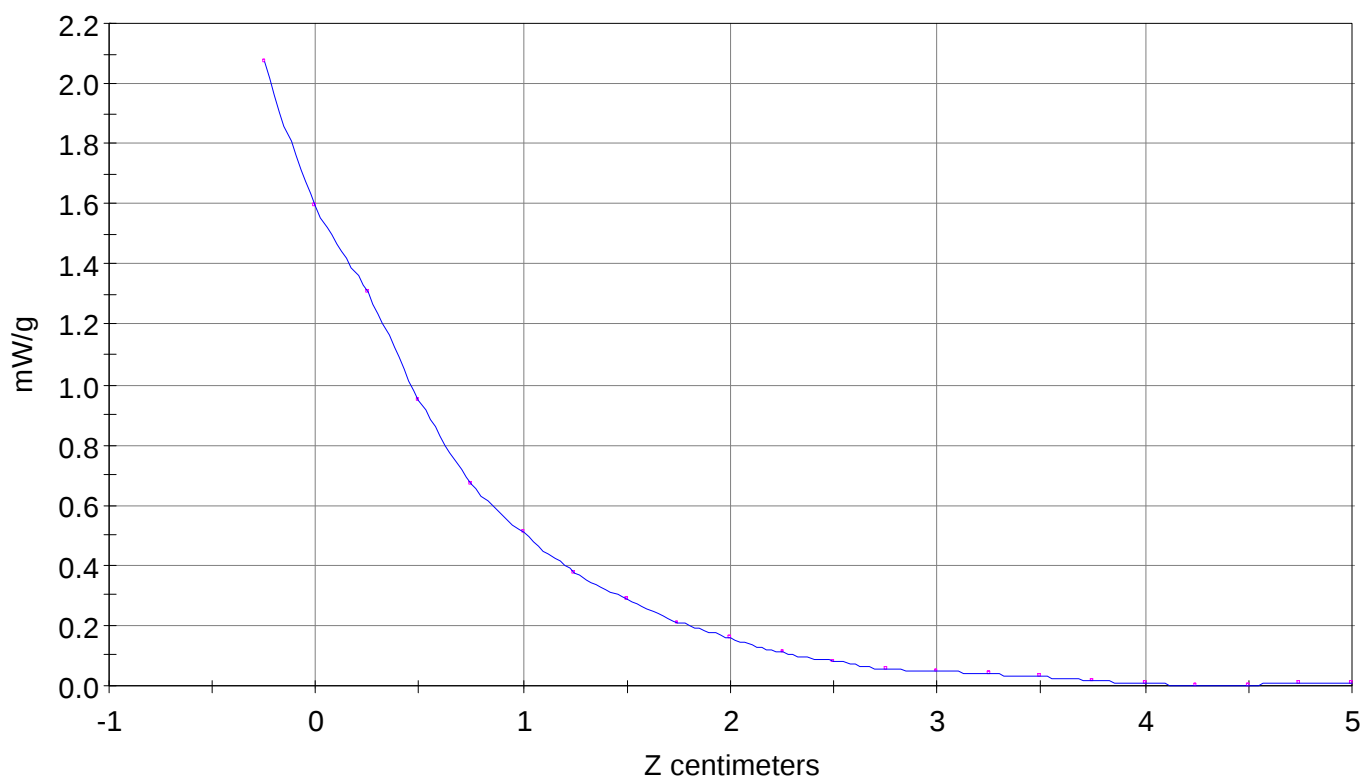
Calc. Voltage @ Surface (Vs) = 0.0186

Voltage @ 1.00 cm (Vt) = 0.0060

Ave. Voltage (Vs+Vt)/2 = 0.0123

Ave. SAR over 1 g (mW/g) = 1.3711

SAR Scan
File : 01032715_ZOOM
Start : 27-Mar-101 03:09:48 pm End : 27-Mar-101 03:22:00 pm
SAMSUNG/SCH-N150/1;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

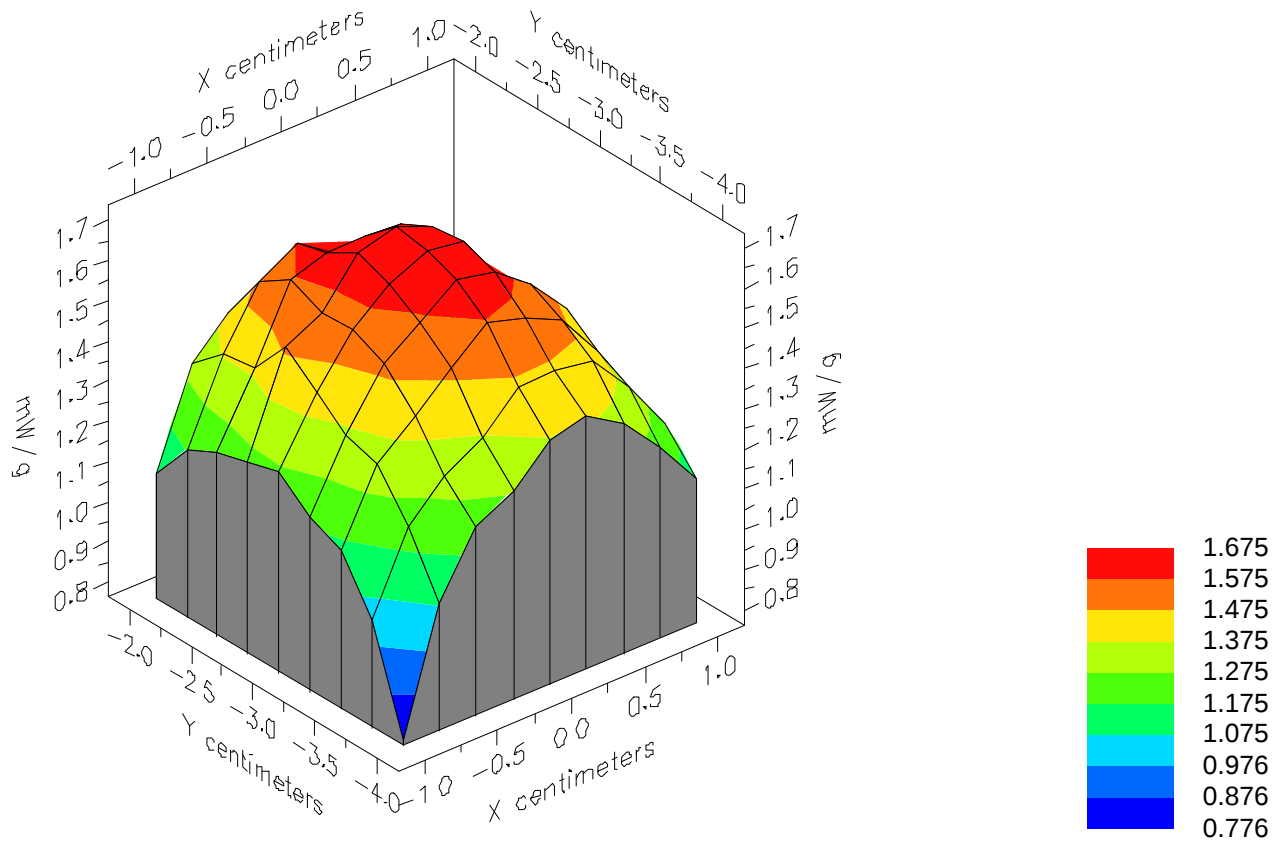


File : 01032715_ZOOM

Start : 27-Mar-101 03:09:48 pm End : 27-Mar-101 03:22:00 pm

SAMSUNG/SCH-N150/1;1851.25MHz;W;Helical/In;

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

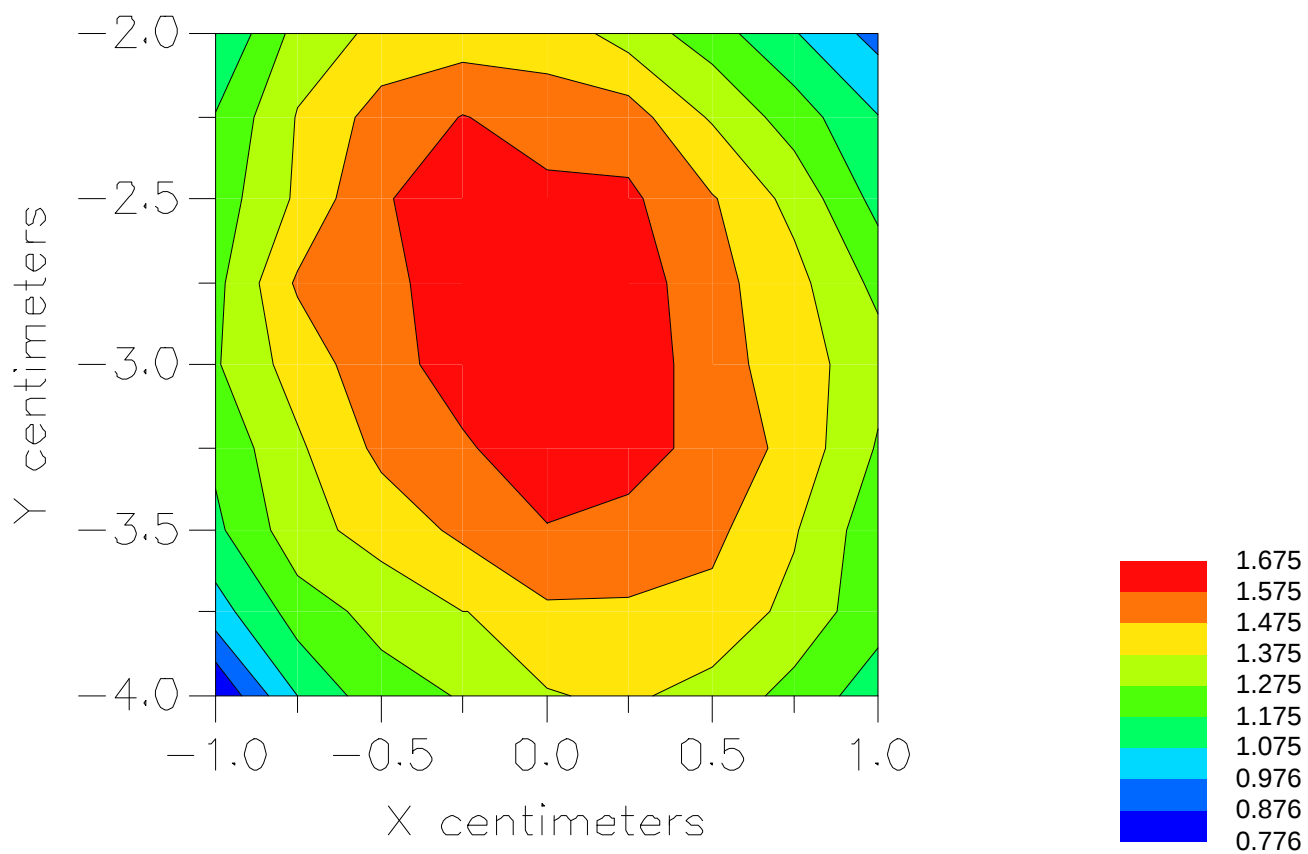


File : 01032715_ZOOM

Start : 27-Mar-101 03:09:48 pm End : 27-Mar-101 03:22:00 pm

SAMSUNG/SCH-N150/1;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/01032717_ZOOM.VLT
Start : 27-Mar-101 03:29:00 pm End : 27-Mar-101 03:41:13 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 0025 Conducted 24.5 dBm
SAMSUNG 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 = 0.000, Y = -2.750, Z = 0.000 (cm) Value = 11.519

Measured Values (volts) =
1.106E-002 8.811E-003 6.367E-003 4.557E-003 3.450E-003 2.545E-003
1.881E-003 1.424E-003 1.002E-003 6.712E-004 5.199E-004 4.278E-004
3.631E-004 2.275E-004 2.052E-004 8.953E-005 4.777E-005 5.056E-005
8.310E-005 6.826E-005 4.012E-005

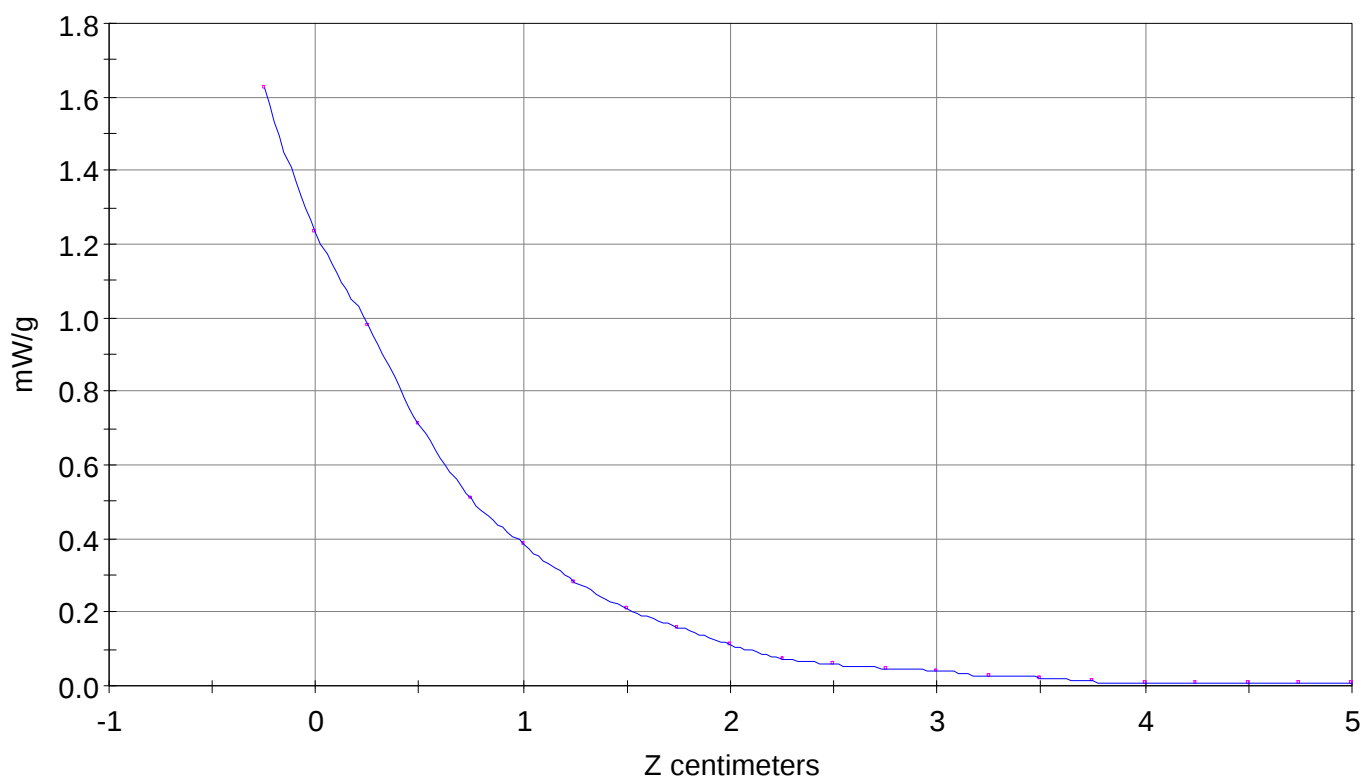
Calc. Voltage @ Surface (Vs) = 0.0146

Voltage @ 1.00 cm (Vt) = 0.0046

Ave. Voltage (Vs+Vt)/2 = 0.0096

Ave. SAR over 1 g (mW/g) = 1.0650

SAR Scan
File : 01032717_ZOOM
Start : 27-Mar-101 03:29:00 pm End : 27-Mar-101 03:41:13 pm
SAMSUNG/SCH-N150/1;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

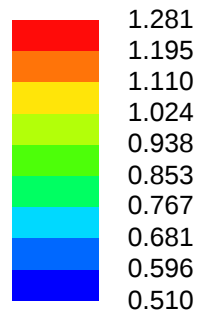
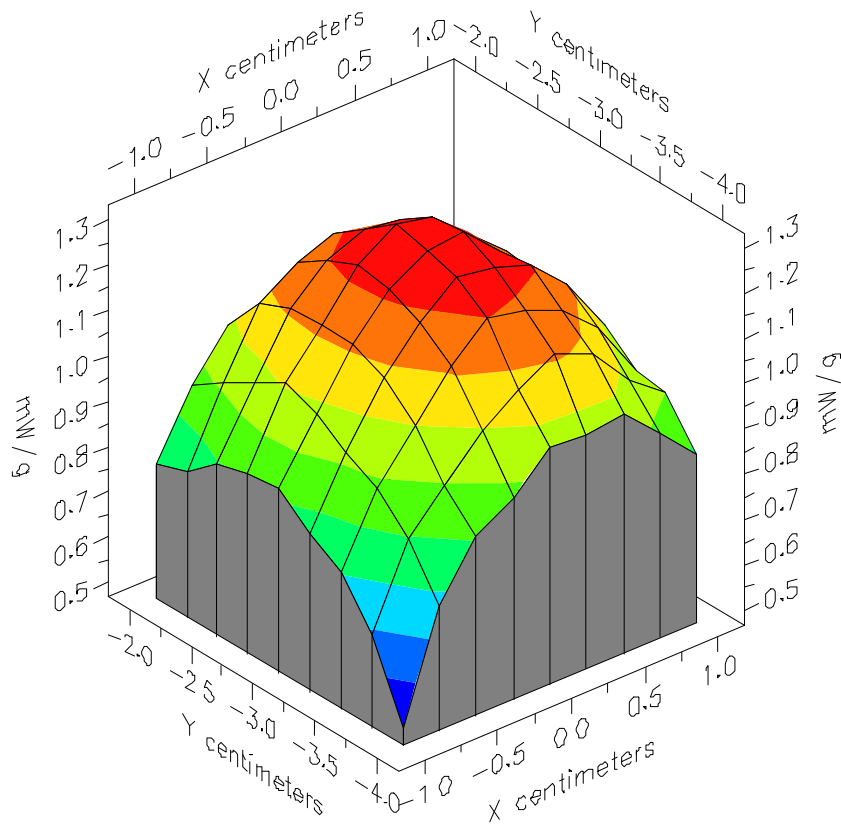


File : 01032717_ZOOM

Start : 27-Mar-101 03:29:00 pm End : 27-Mar-101 03:41:13 pm

SAMSUNG/SCH-N150/1;1851.25MHz;W;Helical/Out;

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

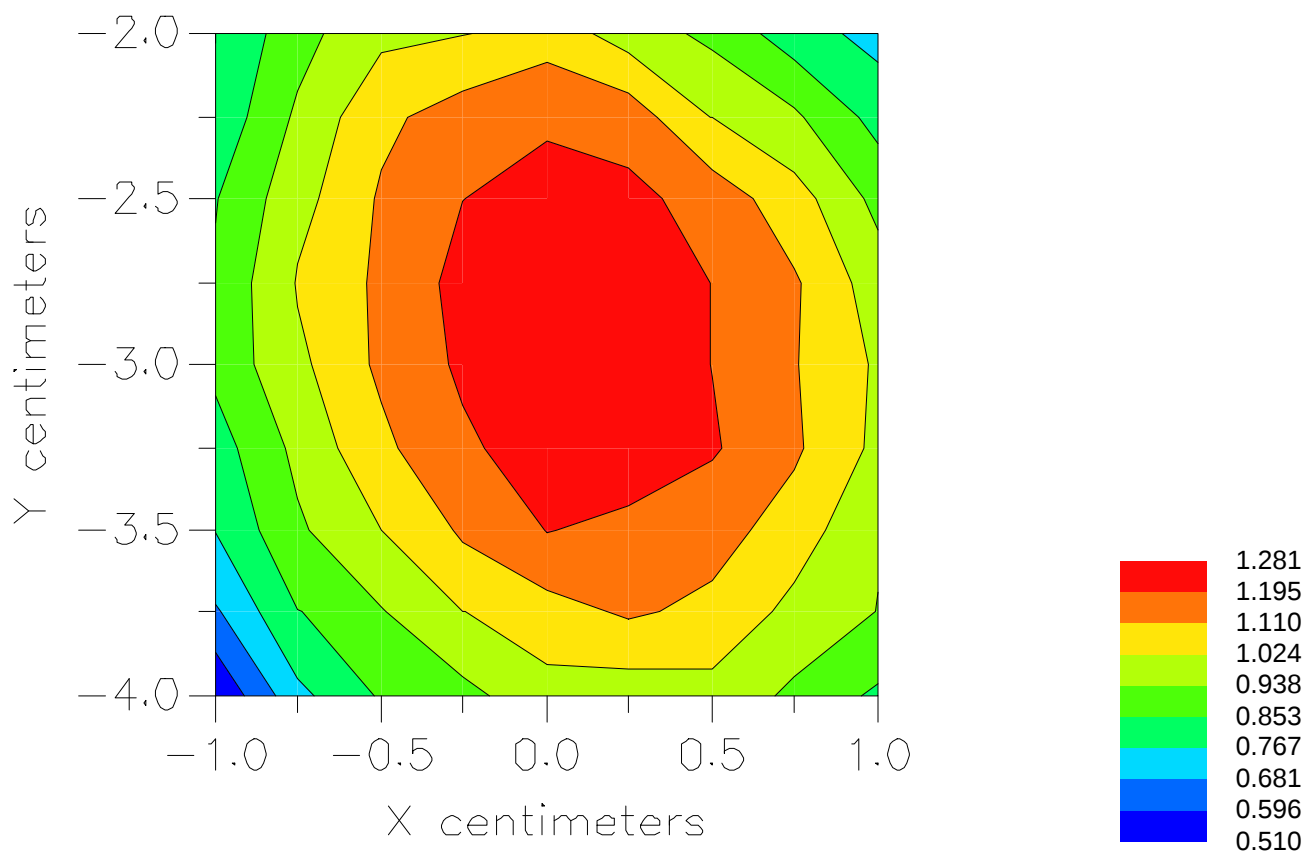


File : 01032717_ZOOM

Start : 27-Mar-101 03:29:00 pm End : 27-Mar-101 03:41:13 pm

SAMSUNG/SCH-N150/1;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/01032705_ZOOM.VLT
Start : 27-Mar-101 11:38:25 am End : 27-Mar-101 11:47:48 am

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 0600 Conducted 24.5 dBm
SAMSUNG 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 = 0.000, Y = -3.000, Z = 0.000 (cm) Value = 15.134

Measured Values (volts) =
1.458E-002 1.141E-002 8.345E-003 6.035E-003 4.365E-003 3.369E-003
2.467E-003 1.769E-003 1.416E-003 9.487E-004 7.445E-004 5.002E-004
4.487E-004 3.409E-004 2.608E-004 1.596E-004 6.600E-005 6.175E-005
4.545E-005 9.729E-005 2.414E-005

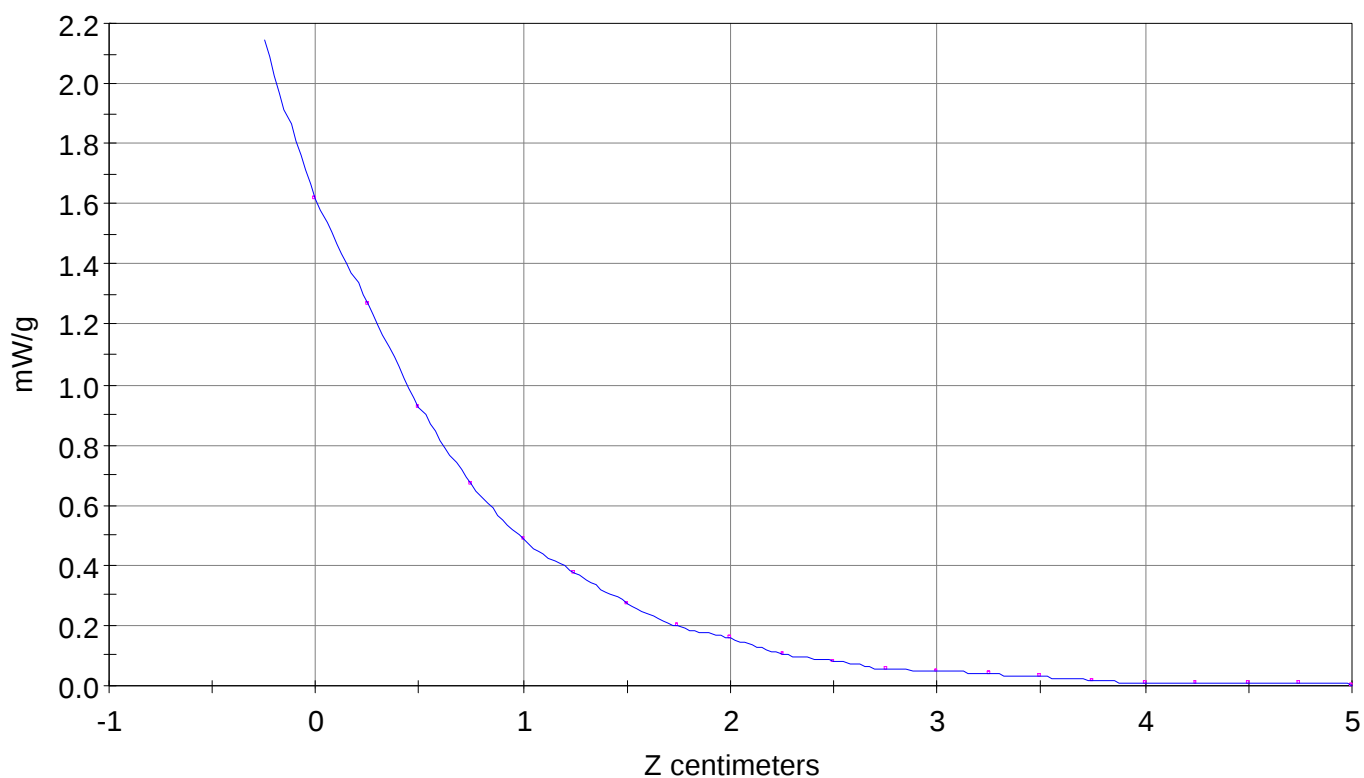
Calc. Voltage @ Surface (Vs) = 0.0193

Voltage @ 1.00 cm (Vt) = 0.0060

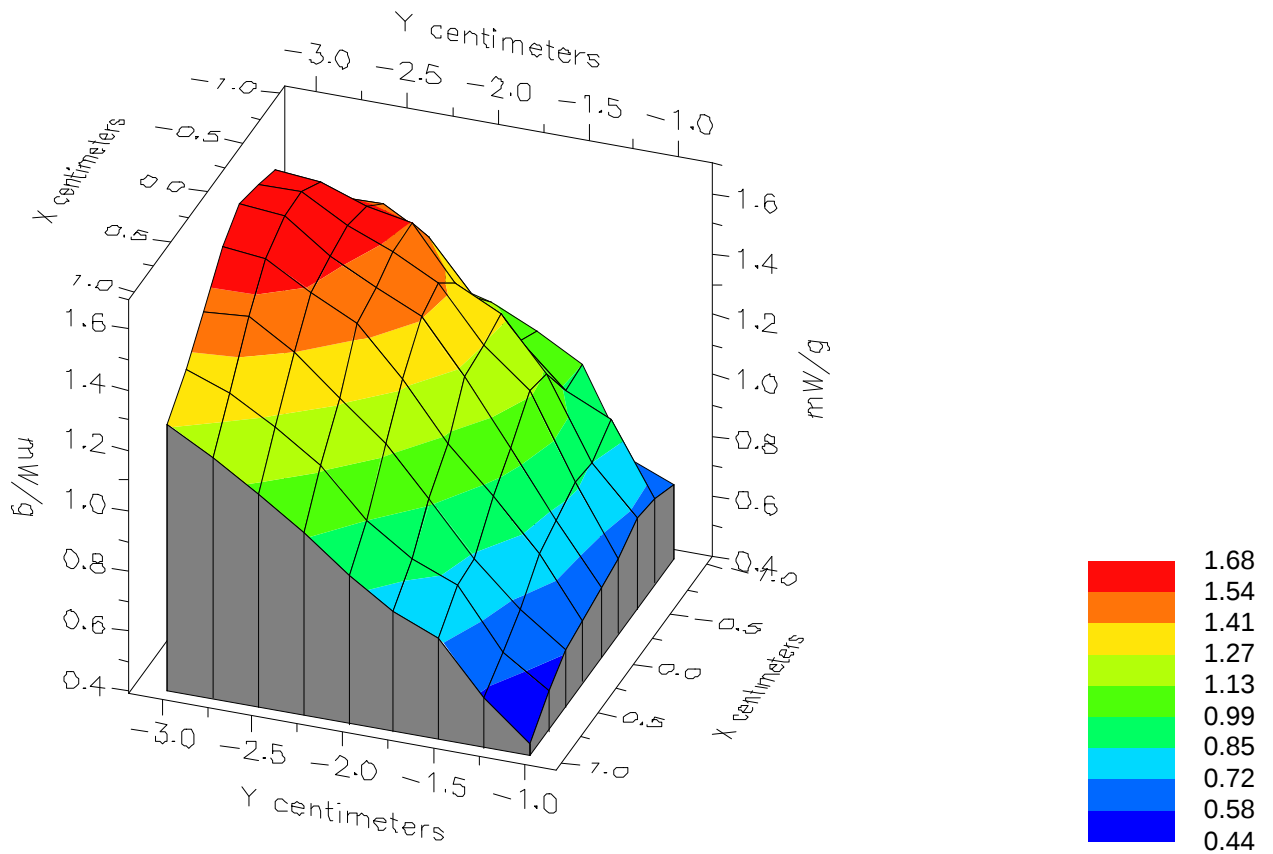
Ave. Voltage (Vs+Vt)/2 = 0.0127

Ave. SAR over 1 g (mW/g) = 1.4081

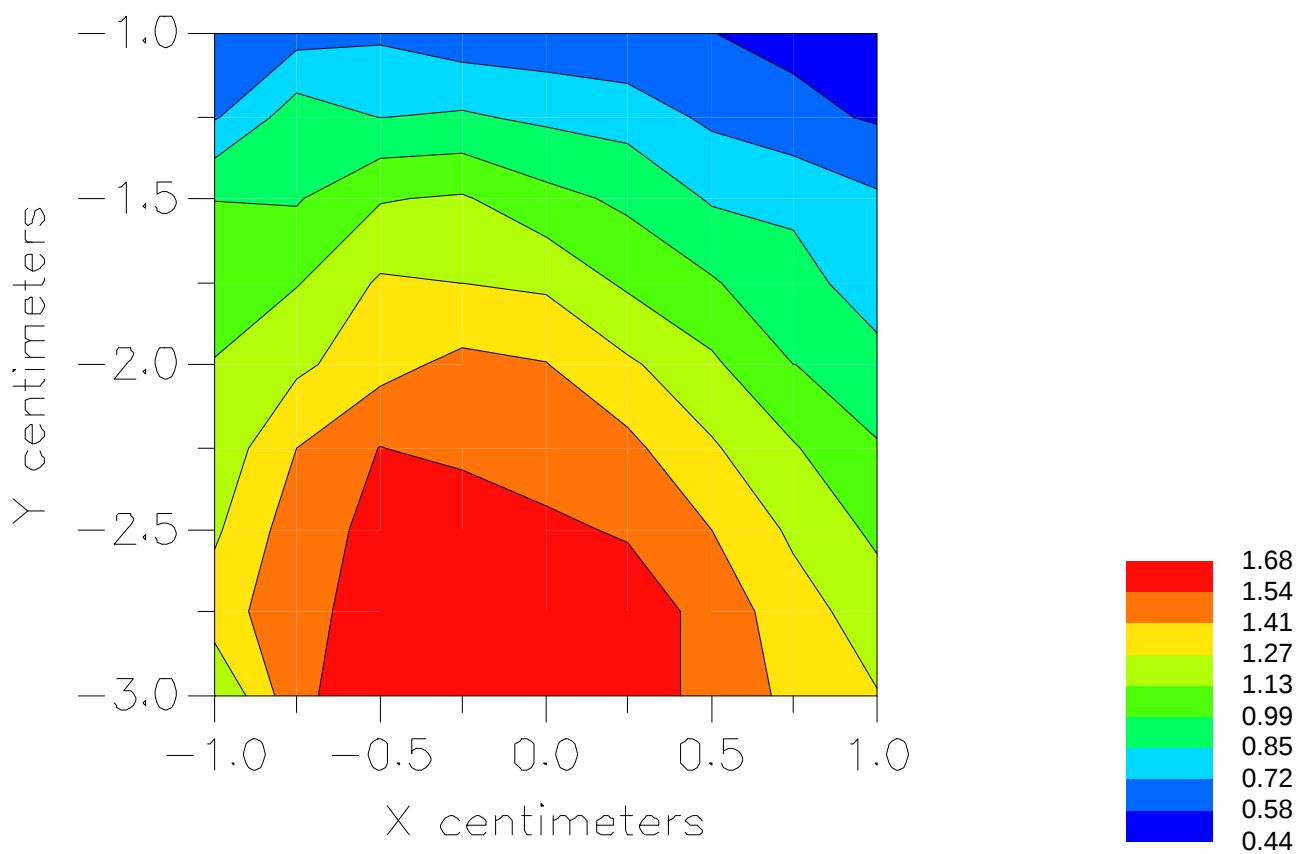
SAR Scan
File : 01032705_ZOOM
Start : 27-Mar-101 11:38:25 am End : 27-Mar-101 11:47:48 am
SAMSUNG/SCH-N150/1;1880.00MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01032705_ZOOM
Start : 27-Mar-101 11:38:25 am End : 27-Mar-101 11:47:48 am
SAMSUNG/SCH-N150/1;1880.00MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01032705_ZOOM
Start : 27-Mar-101 11:38:25 am End : 27-Mar-101 11:47:48 am
SAMSUNG/SCH-N150/1;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/01032719_ZOOM.VLT
Start : 27-Mar-101 03:43:11 pm End : 27-Mar-101 03:55:27 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 0600 Conducted 24.5 dBm
SAMSUNG 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 = 0.000, Y = -2.750, Z = 0.000 (cm) Value = 10.967

Measured Values (volts) =
1.060E-002 8.916E-003 6.316E-003 4.456E-003 3.325E-003 2.455E-003
1.882E-003 1.343E-003 9.931E-004 6.915E-004 4.680E-004 3.549E-004
3.086E-004 2.378E-004 1.804E-004 8.709E-005 4.268E-005 4.216E-005
5.126E-005 3.904E-005 9.523E-005

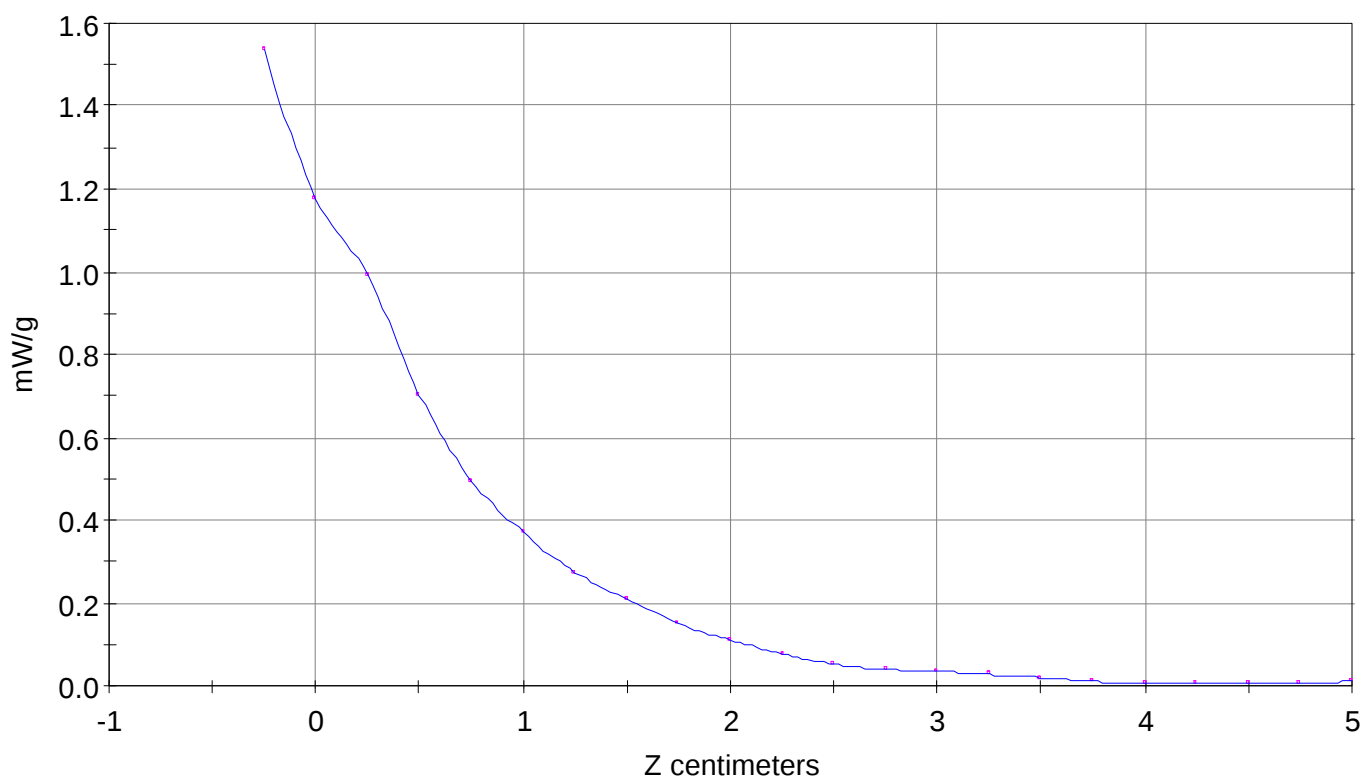
Calc. Voltage @ Surface (Vs) = 0.0138

Voltage @ 1.00 cm (Vt) = 0.0045

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

Ave. SAR over 1 g (mW/g) = 1.0146

SAR Scan
File : 01032719_ZOOM
Start : 27-Mar-101 03:43:11 pm End : 27-Mar-101 03:55:27 pm
SAMSUNG/SCH-N150/1;1880.00MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

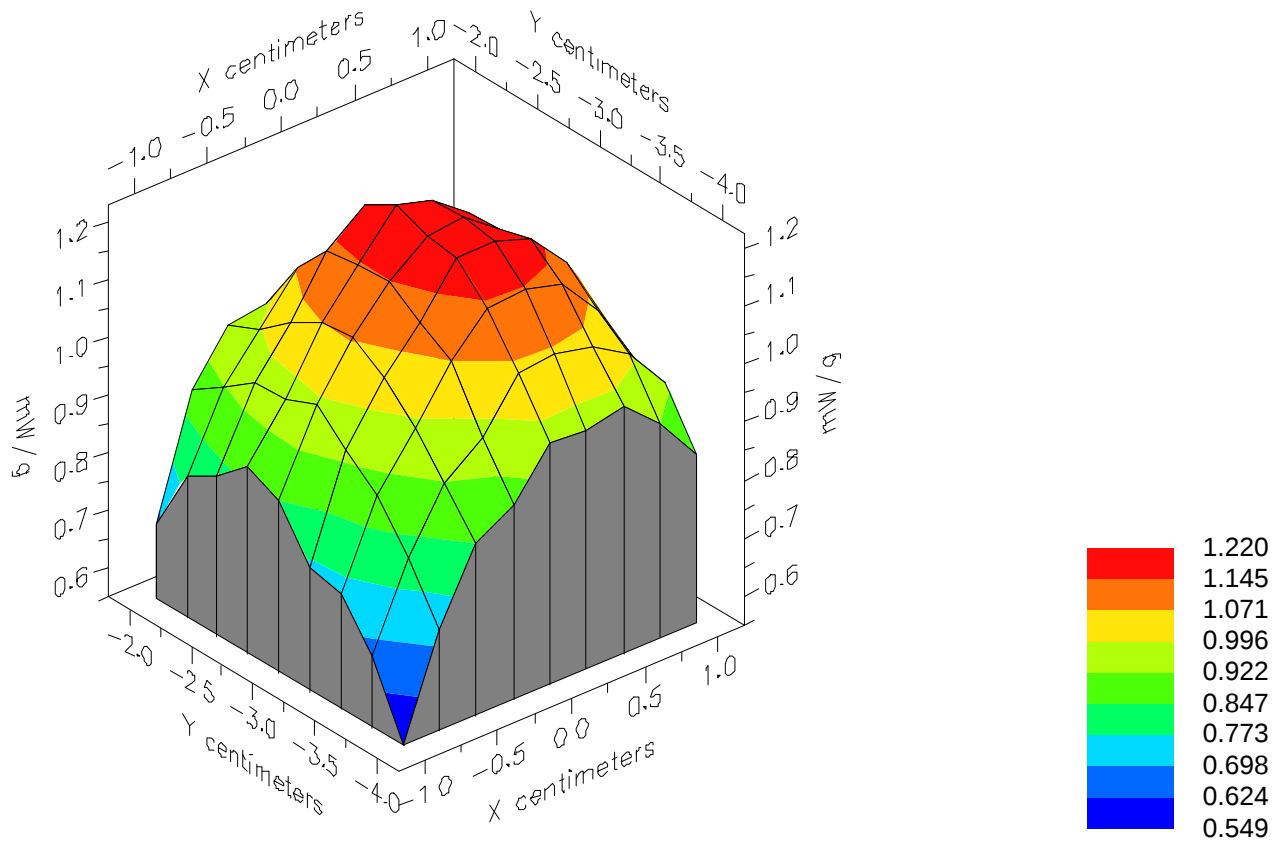


File : 01032719_ZOOM

Start : 27-Mar-101 03:43:11 pm End : 27-Mar-101 03:55:27 pm

SAMSUNG/SCH-N150/1;1880.00MHz;W;Helical/Out;

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

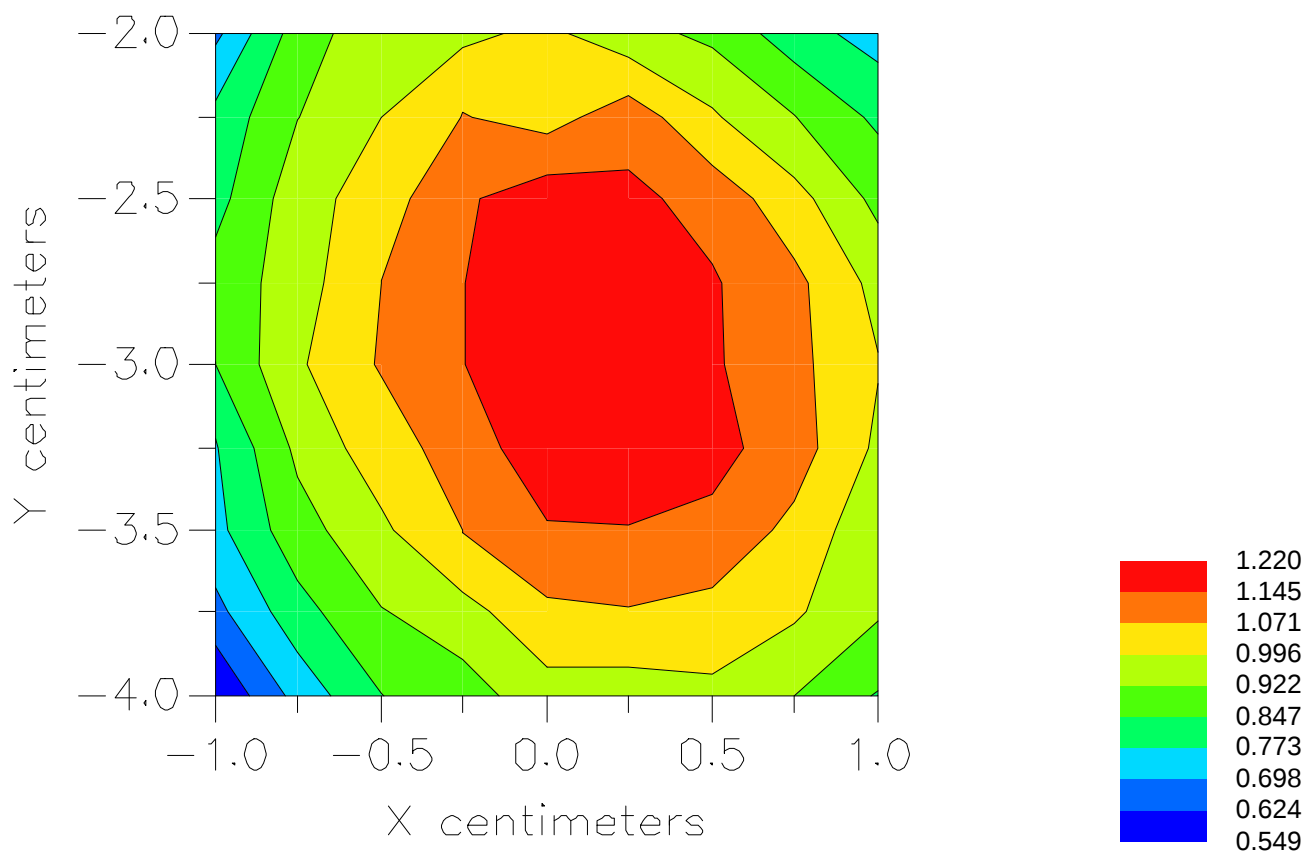


File : 01032719_ZOOM

Start : 27-Mar-101 03:43:11 pm End : 27-Mar-101 03:55:27 pm

SAMSUNG/SCH-N150/1;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/01032708_ZOOM.VLT
Start : 27-Mar-101 12:32:27 pm End : 27-Mar-101 12:44:36 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 1175 Conducted 24.5 dBm
SAMSUNG 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 = 0.000, Y = -2.750, Z = 0.000 (cm) Value = 14.761

Measured Values (volts) =
1.384E-002 1.083E-002 7.771E-003 5.626E-003 4.086E-003 3.025E-003
2.142E-003 1.665E-003 1.170E-003 8.606E-004 6.005E-004 4.621E-004
3.576E-004 3.478E-004 2.463E-004 1.621E-004 9.712E-005 5.417E-005
3.858E-005 5.789E-005 7.354E-005

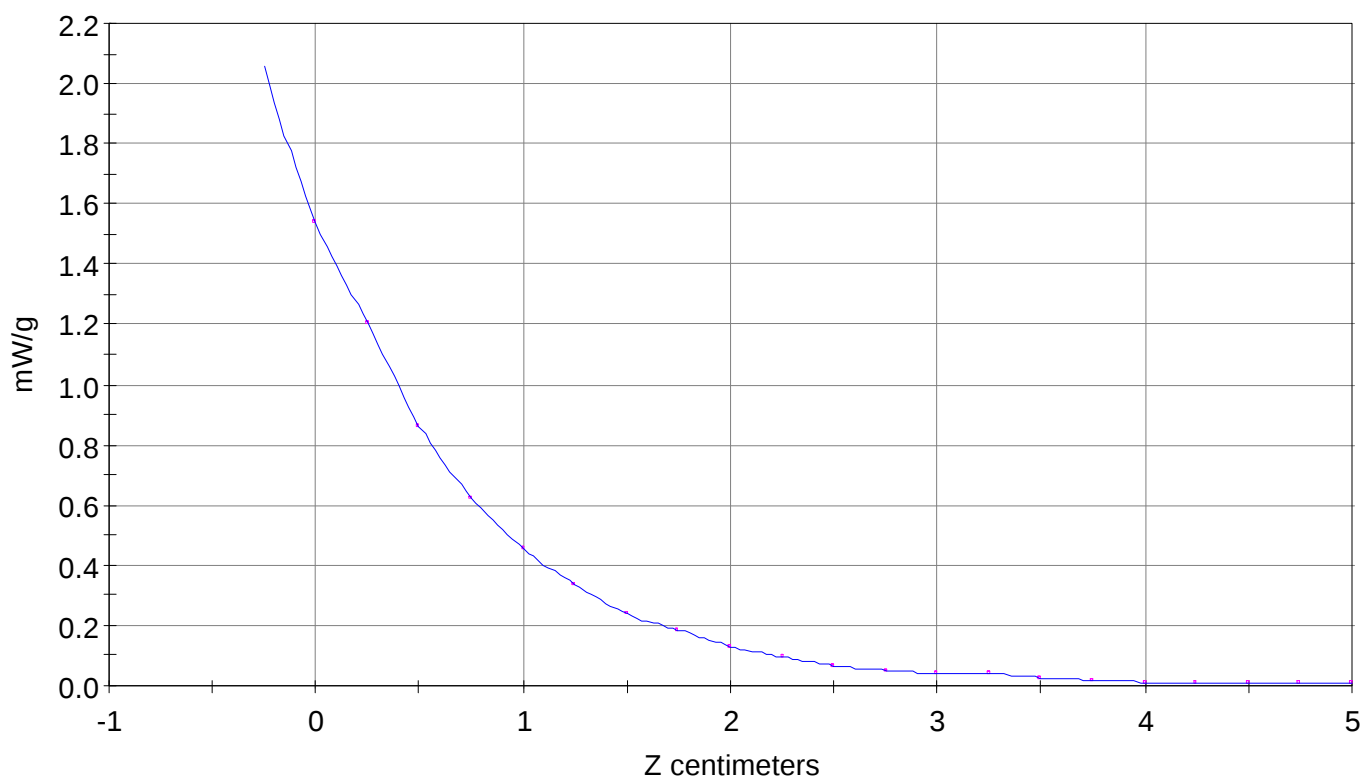
Calc. Voltage @ Surface (Vs) = 0.0185

Voltage @ 1.00 cm (Vt) = 0.0056

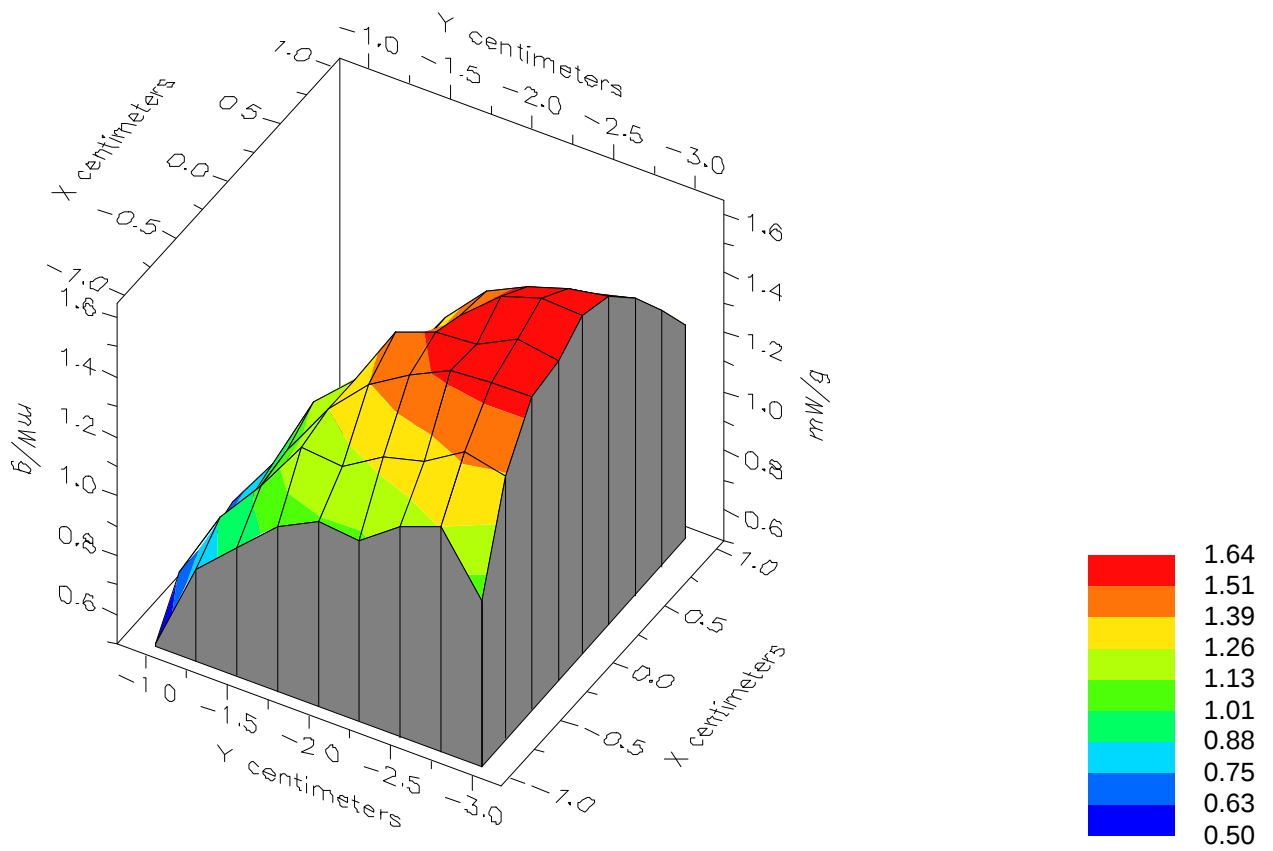
Ave. Voltage (Vs+Vt)/2 = 0.0121

Ave. SAR over 1 g (mW/g) = 1.3403

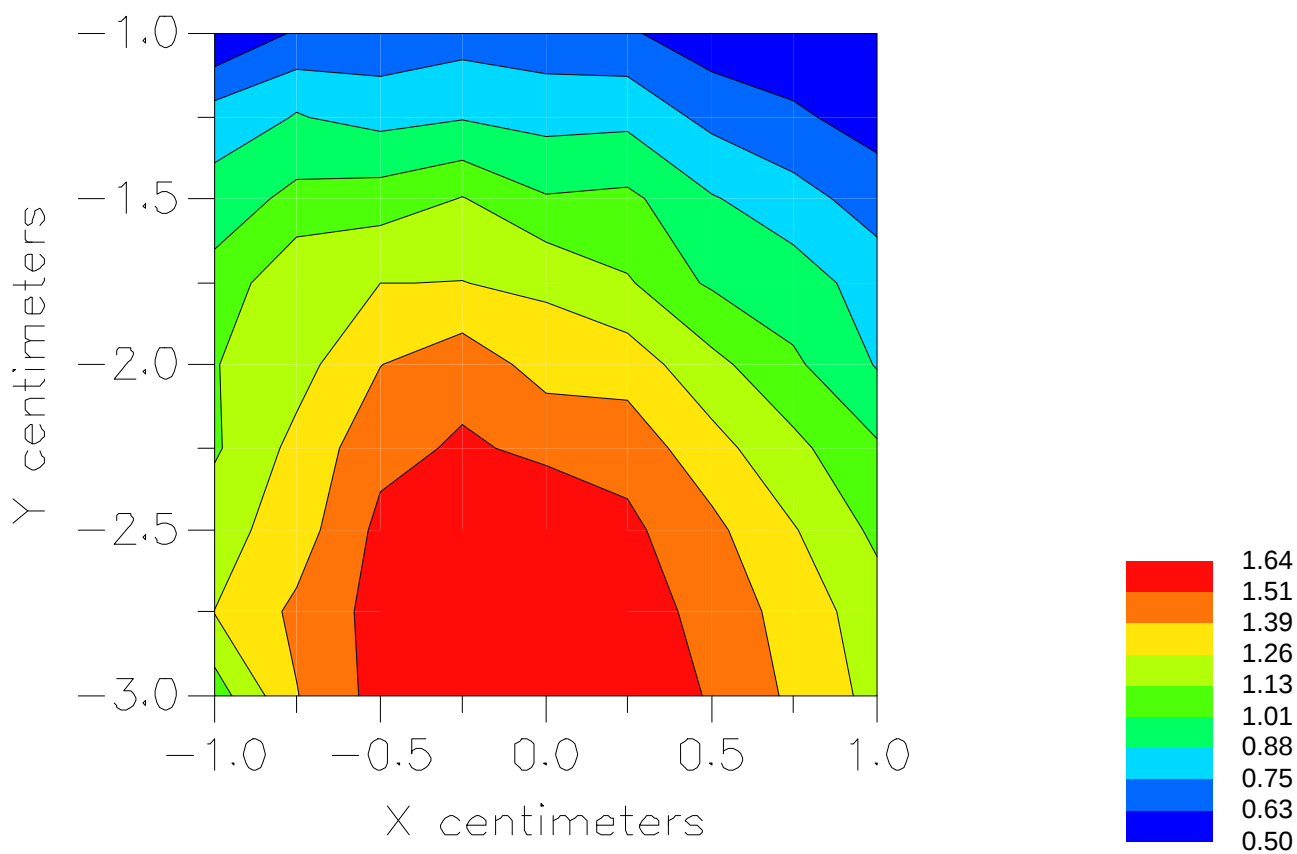
SAR Scan
File : 01032708_ZOOM
Start : 27-Mar-101 12:32:27 pm End : 27-Mar-101 12:44:36 pm
SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01032708_ZOOM
Start : 27-Mar-101 12:32:27 pm End : 27-Mar-101 12:44:36 pm
SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820



File : 01032708_ZOOM
Start : 27-Mar-101 12:32:27 pm End : 27-Mar-101 12:44:36 pm
SAMSUNG/SCH-N150/1;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/01032721_ZOOM.VLT
Start : 27-Mar-101 03:58:22 pm End : 27-Mar-101 04:07:37 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 1175 Conducted 24.5 dBm
SAMSUNG 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 = 0.000, Y = -2.750, Z = 0.000 (cm) Value = 11.199

Measured Values (volts) =
1.054E-002 8.387E-003 6.018E-003 4.353E-003 3.159E-003 2.401E-003
1.741E-003 1.322E-003 9.303E-004 6.408E-004 5.171E-004 3.673E-004
3.466E-004 2.480E-004 1.454E-004 9.084E-005 2.794E-005 3.971E-005
3.382E-005 5.582E-005 7.142E-005

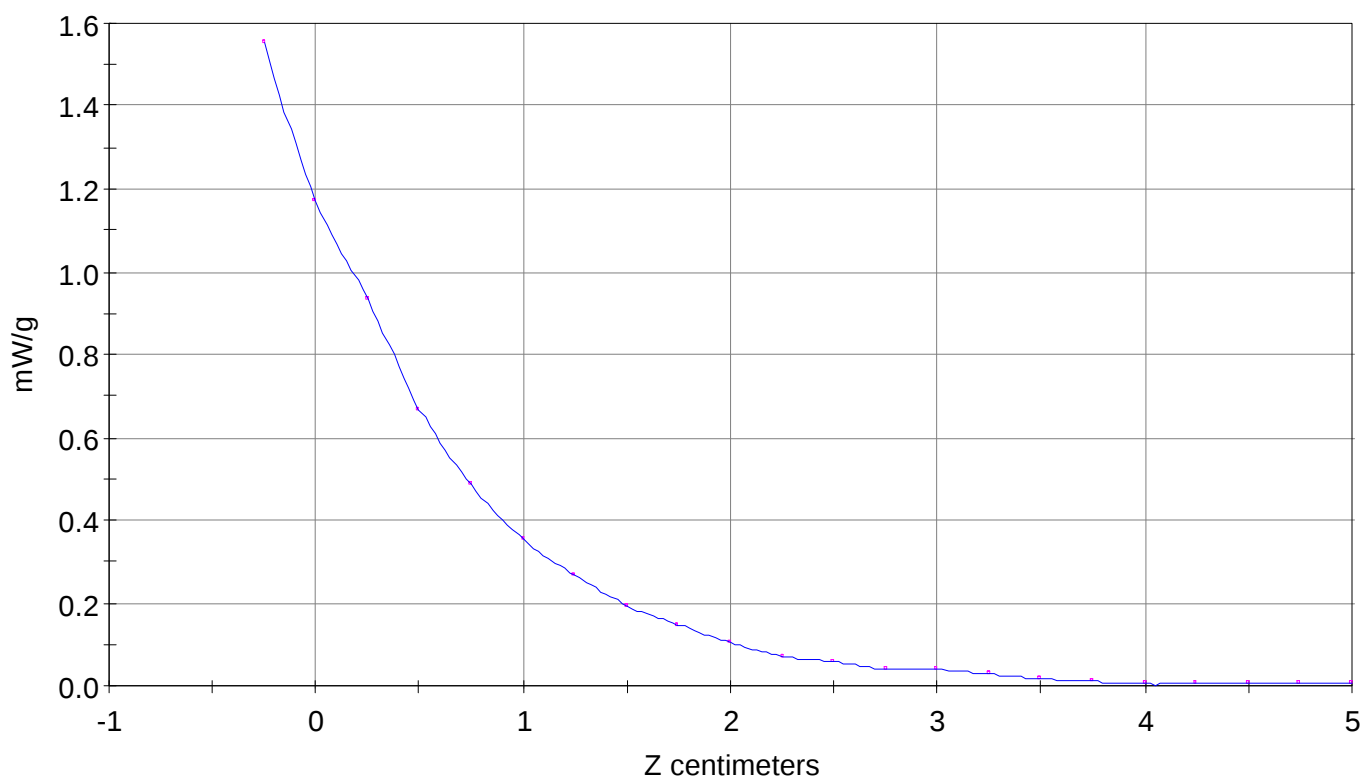
Calc. Voltage @ Surface (Vs) = 0.0140

Voltage @ 1.00 cm (Vt) = 0.0044

Ave. Voltage (Vs+Vt)/2 = 0.0092

Ave. SAR over 1 g (mW/g) = 1.0187

SAR Scan
File : 01032721_ZOOM
Start : 27-Mar-101 03:58:22 pm End : 27-Mar-101 04:07:37 pm
SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.820

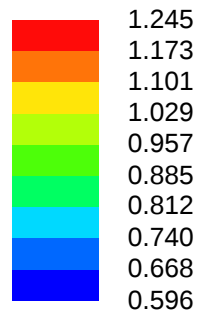
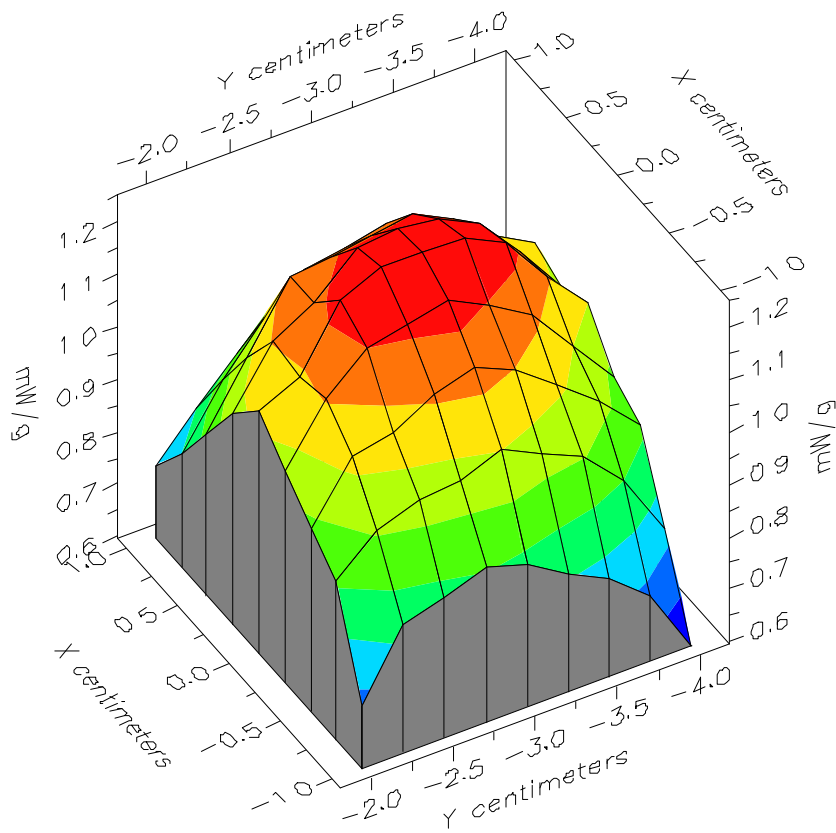


File : 01032721_ZOOM

Start : 27-Mar-101 03:58:22 pm End : 27-Mar-101 04:07:37 pm

SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/Out;

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

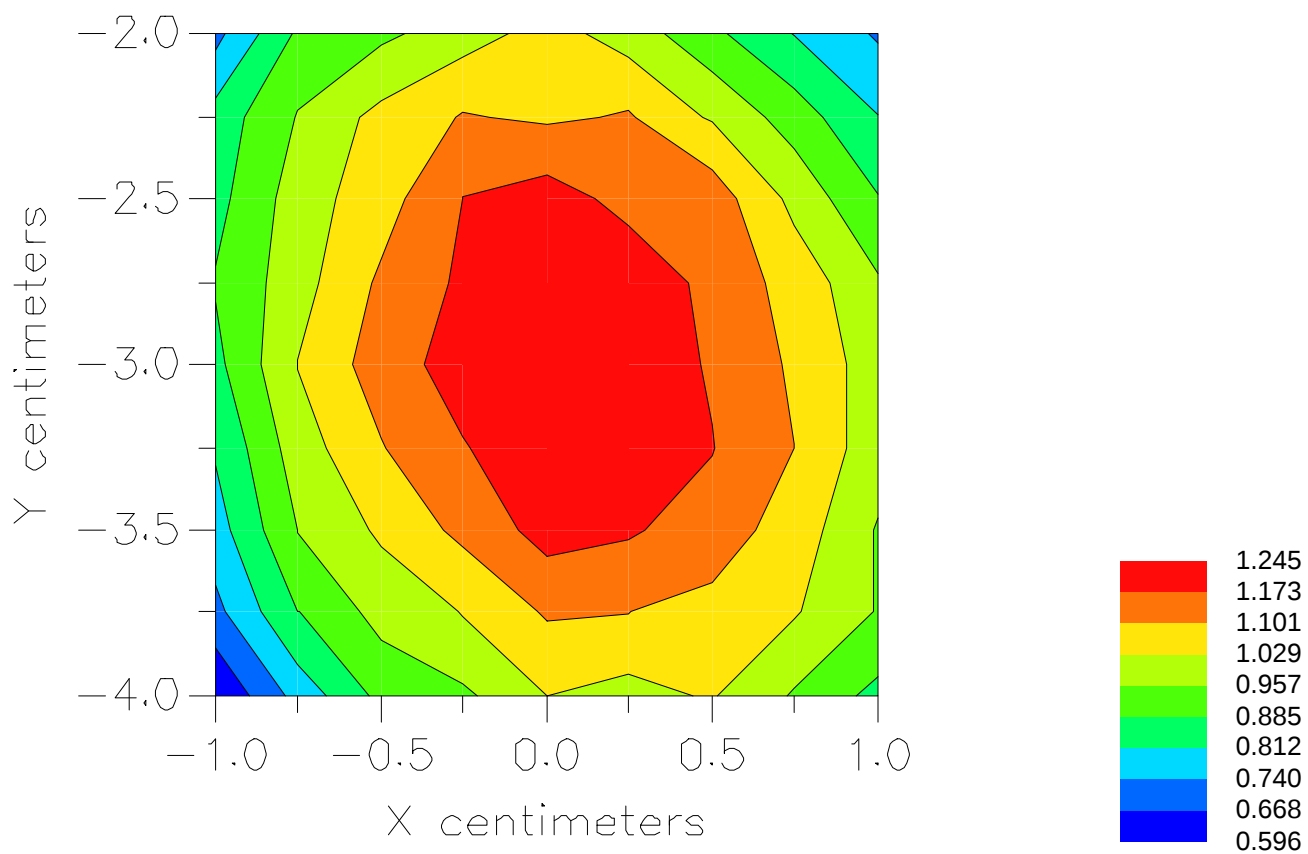


File : 01032721_ZOOM

Start : 27-Mar-101 03:58:22 pm End : 27-Mar-101 04:07:37 pm

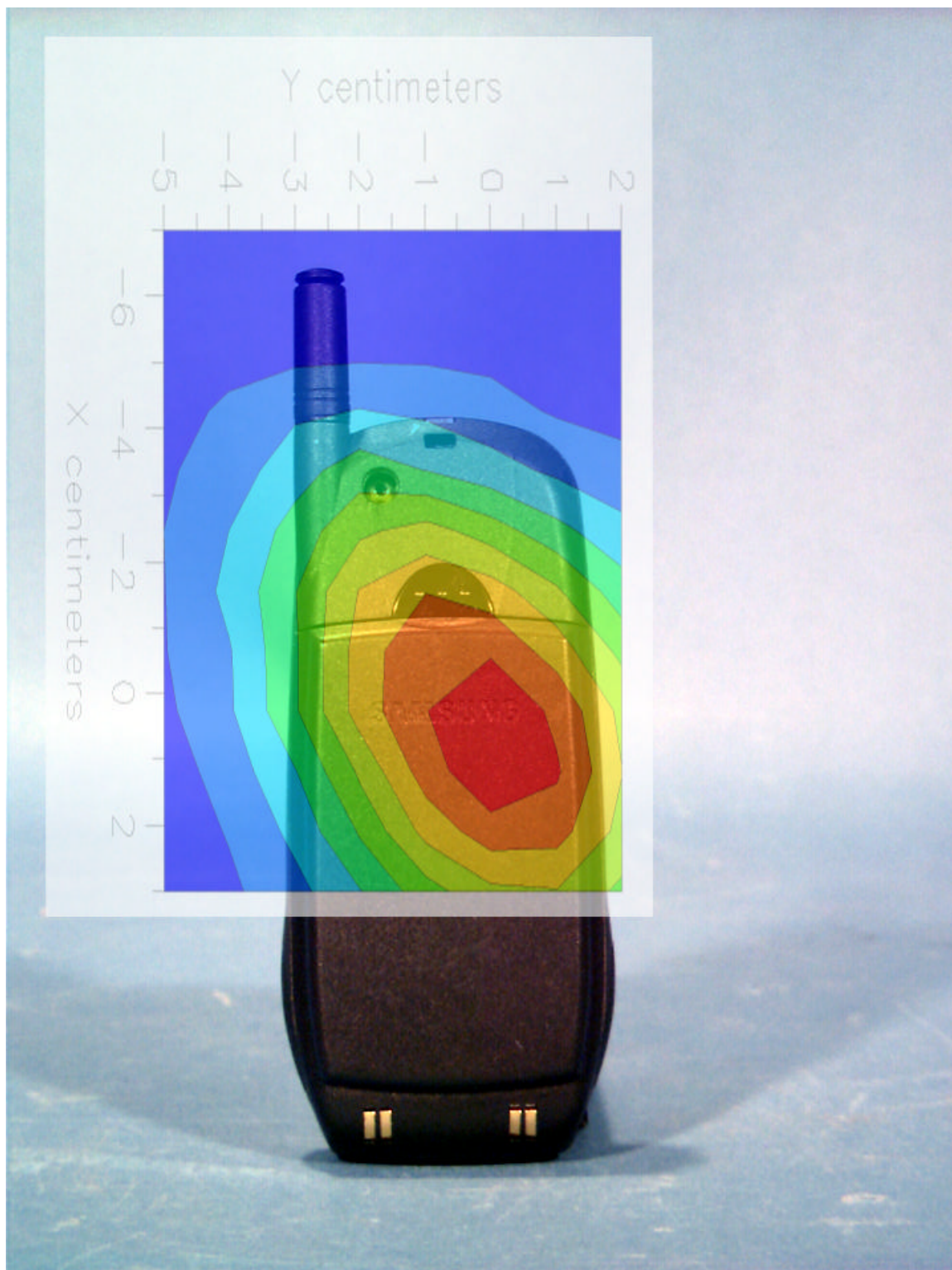
SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/Out;

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



Peak SAR Location

800 MHz Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032803_ZOOM.VLT
Start : 28-Mar-101 10:08:17 am End : 28-Mar-101 10:15:41 am

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.0 dBm
SAMSUNG 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 = -0.500, Z = 0.000 (cm) Value = 16.269

Measured Values (volts) =
1.619E-002 1.321E-002 1.106E-002 9.272E-003 7.733E-003 6.489E-003
5.592E-003 5.051E-003 4.760E-003 4.512E-003 4.296E-003 3.977E-003
3.412E-003 2.795E-003 2.025E-003 1.358E-003 9.485E-004 7.065E-004
7.692E-004 1.012E-003 1.289E-003

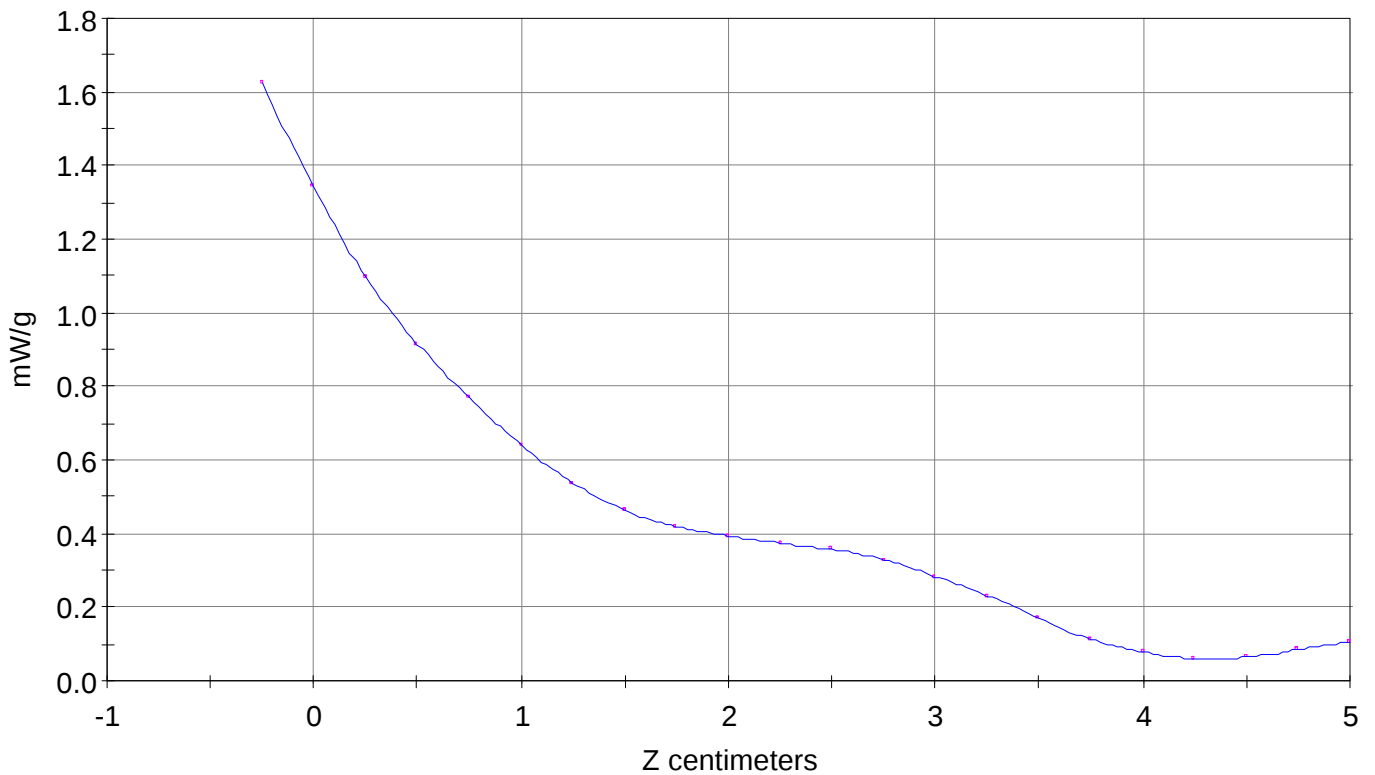
Calc. Voltage @ Surface (Vs) = 0.0196

Voltage @ 1.00 cm (Vt) = 0.0093

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

Ave. SAR over 1 g (mW/g) = 1.1947

SAR Scan
File : 01032803_ZOOM
Start : 28-Mar-101 10:08:17 am End : 28-Mar-101 10:15:41 am
SAMSUNG/SCH-N150/1;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

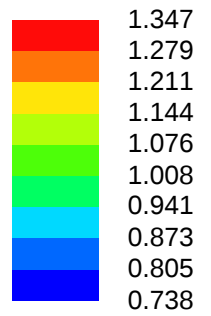
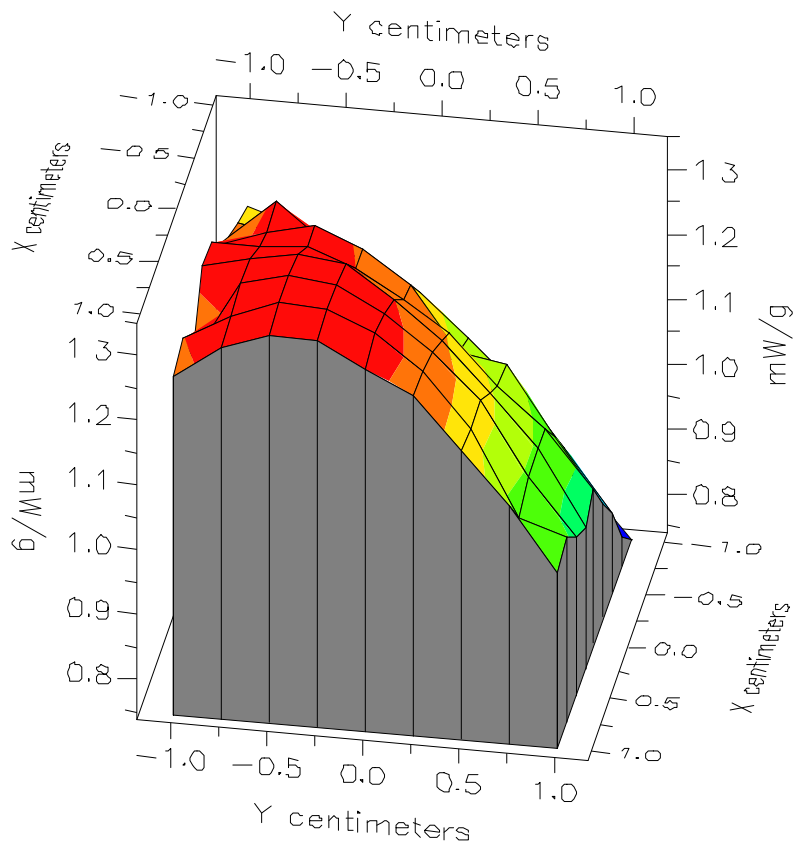


File : 01032803_ZOOM

Start : 28-Mar-101 10:08:17 am End : 28-Mar-101 10:15:41 am

SAMSUNG/SCH-N150/1;824.04MHz;W;Helical/In;

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

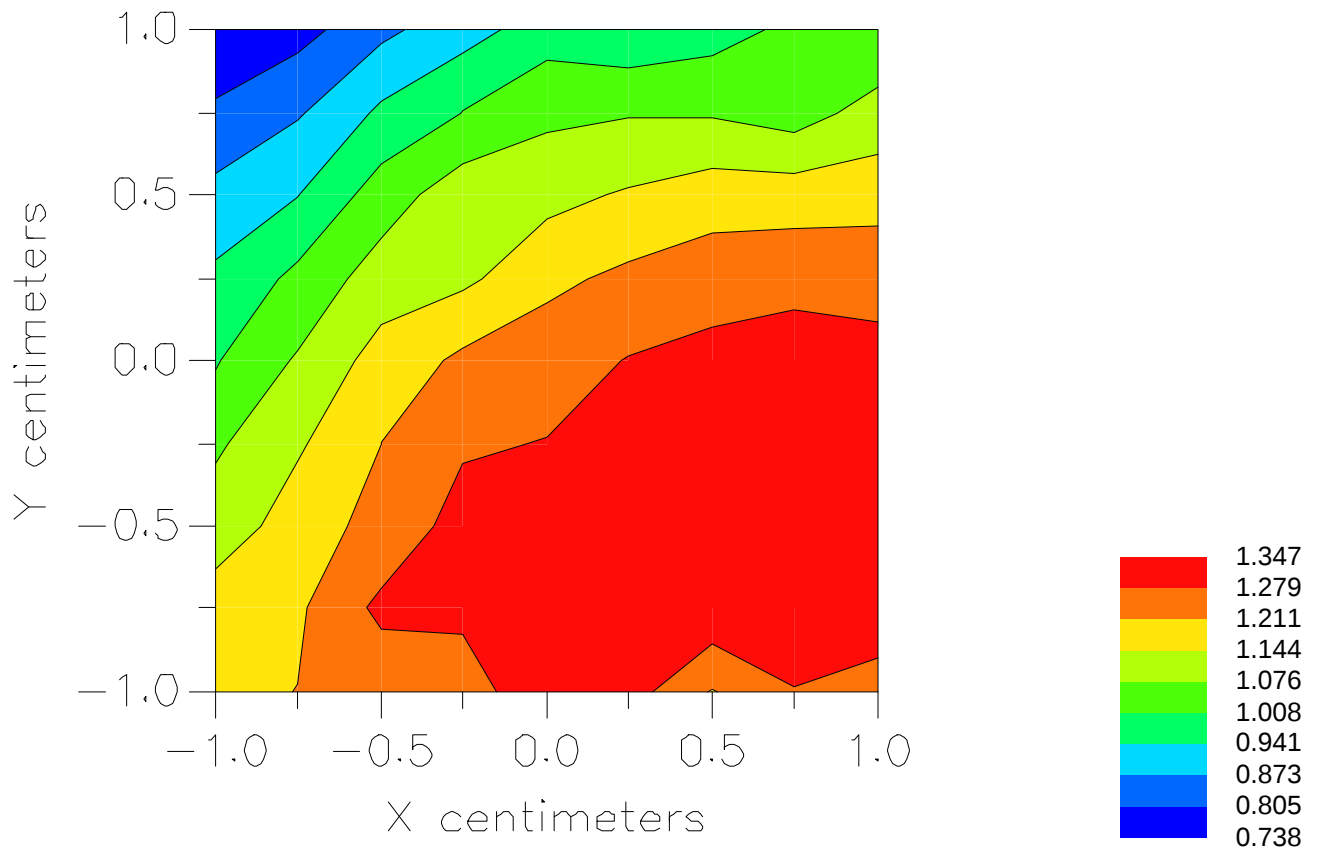


File : 01032803_ZOOM

Start : 28-Mar-101 10:08:17 am End : 28-Mar-101 10:15:41 am

SAMSUNG/SCH-N150/1;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/01032802_ZOOM.VLT
Start : 28-Mar-101 09:46:44 am End : 28-Mar-101 09:56:08 am

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0991 Conducted 27.0 dBm
SAMSUNG 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 = 0.000, Y = -0.500, Z = 0.000 (cm) Value = 13.681

Measured Values (volts) =
1.367E-002 1.074E-002 8.963E-003 7.346E-003 6.104E-003 5.202E-003
4.633E-003 4.243E-003 4.057E-003 3.904E-003 3.652E-003 3.291E-003
2.743E-003 2.065E-003 1.466E-003 9.716E-004 6.693E-004 6.010E-004
7.737E-004 1.035E-003 1.286E-003

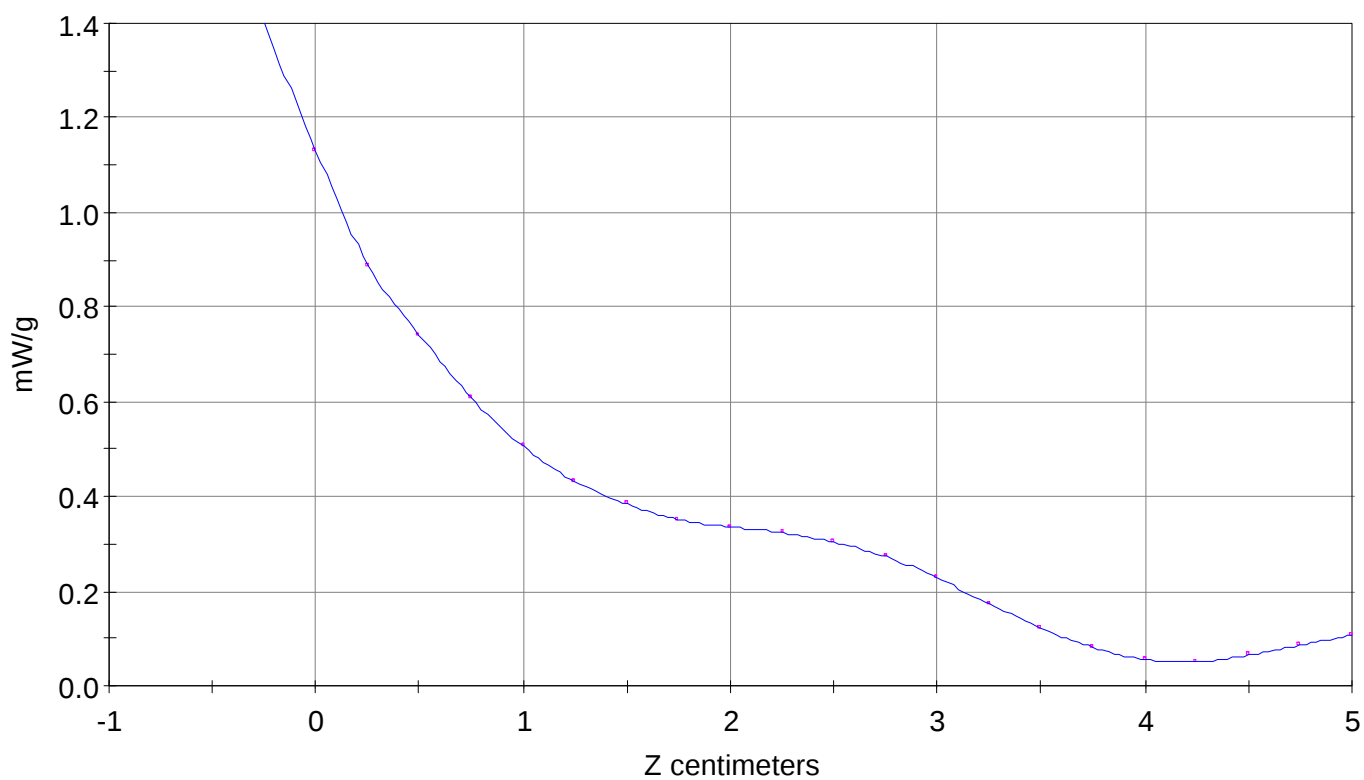
Calc. Voltage @ Surface (Vs) = 0.0169

Voltage @ 1.00 cm (Vt) = 0.0073

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

Ave. SAR over 1 g (mW/g) = 1.0035

SAR Scan
File : 01032802_ZOOM
Start : 28-Mar-101 09:46:44 am End : 28-Mar-101 09:56:08 am
SAMSUNG/SCH-N150/1;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

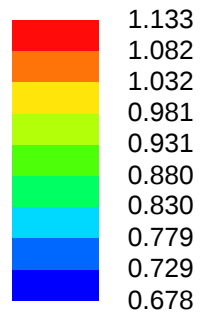
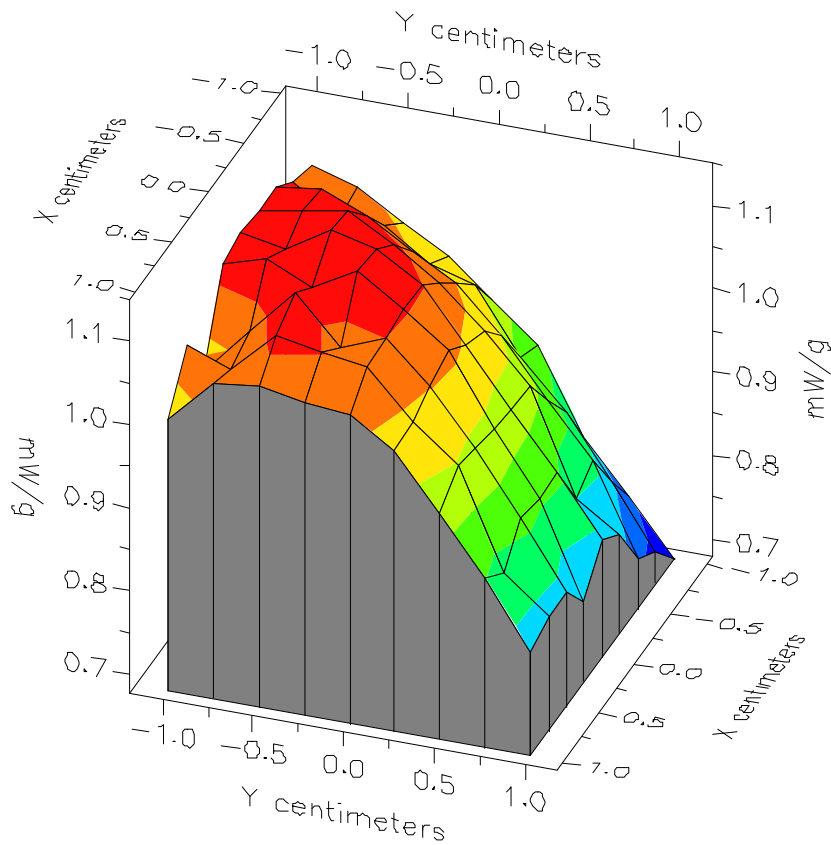


File : 01032802_ZOOM

Start : 28-Mar-101 09:46:44 am End : 28-Mar-101 09:56:08 am

SAMSUNG/SCH-N150/1,824.04MHz;W;Helical/Out;

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

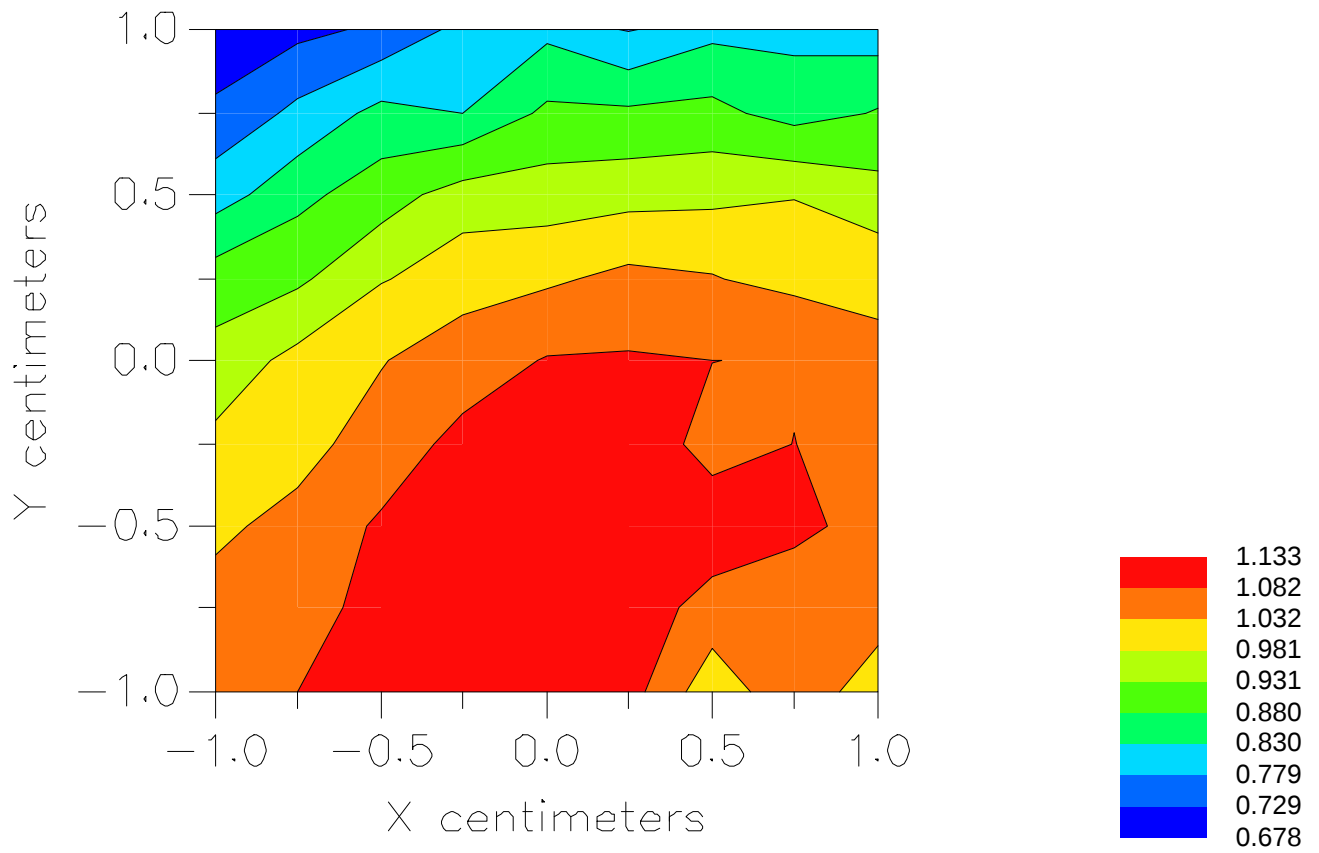


File : 01032802_ZOOM

Start : 28-Mar-101 09:46:44 am End : 28-Mar-101 09:56:08 am

SAMSUNG/SCH-N150/1;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/01032804_ZOOM.VLT
Start : 28-Mar-101 10:26:17 am End : 28-Mar-101 10:33:41 am

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.0 dBm
SAMSUNG 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 = -0.500, Z = 0.000 (cm) Value = 11.650

Measured Values (volts) =
1.089E-002 9.170E-003 7.798E-003 6.491E-003 5.362E-003 4.543E-003
3.869E-003 3.492E-003 3.258E-003 3.098E-003 2.960E-003 2.715E-003
2.377E-003 1.901E-003 1.416E-003 9.167E-004 6.312E-004 4.938E-004
4.939E-004 6.690E-004 8.908E-004

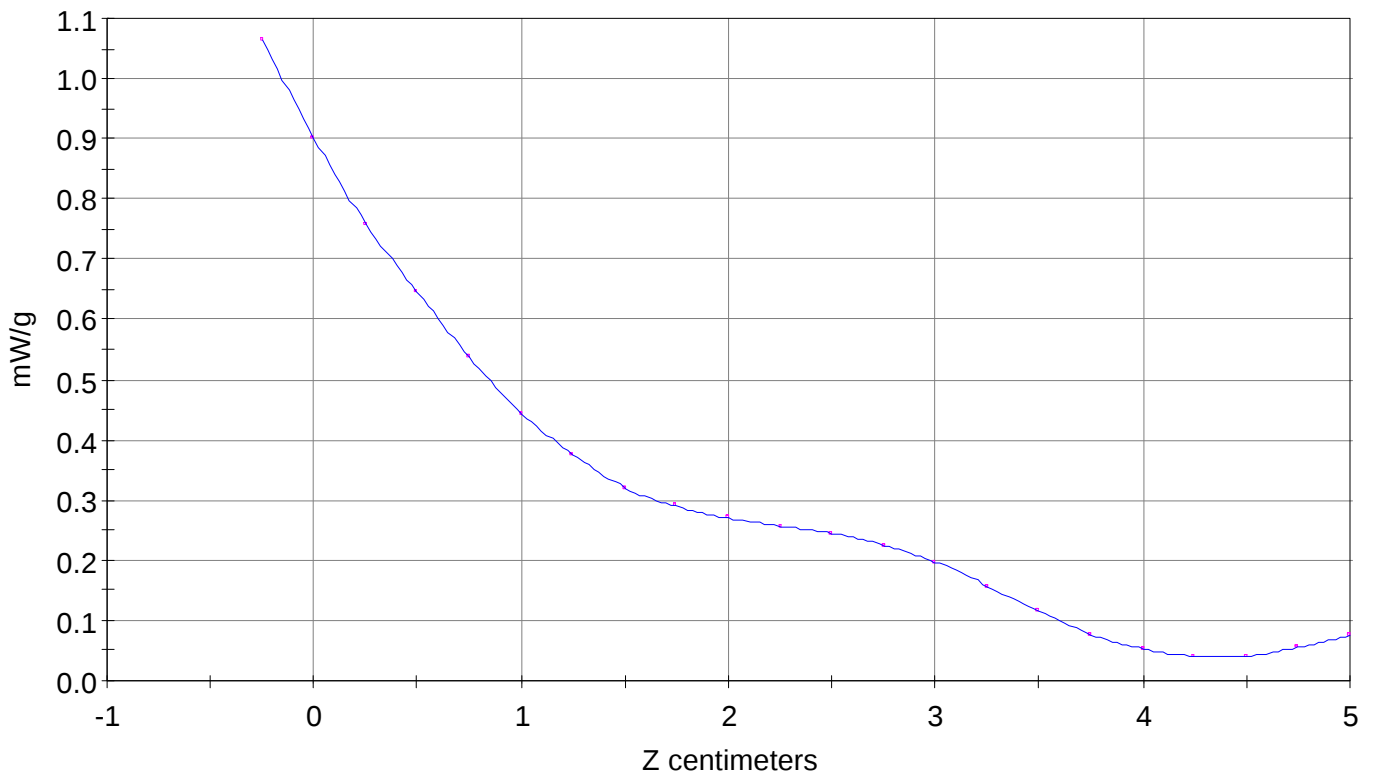
Calc. Voltage @ Surface (Vs) = 0.0129

Voltage @ 1.00 cm (Vt) = 0.0065

Ave. Voltage (Vs+Vt)/2 = 0.0097

Ave. SAR over 1 g (mW/g) = 0.8016

SAR Scan
File : 01032804_ZOOM
Start : 28-Mar-101 10:26:17 am End : 28-Mar-101 10:33:41 am
SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

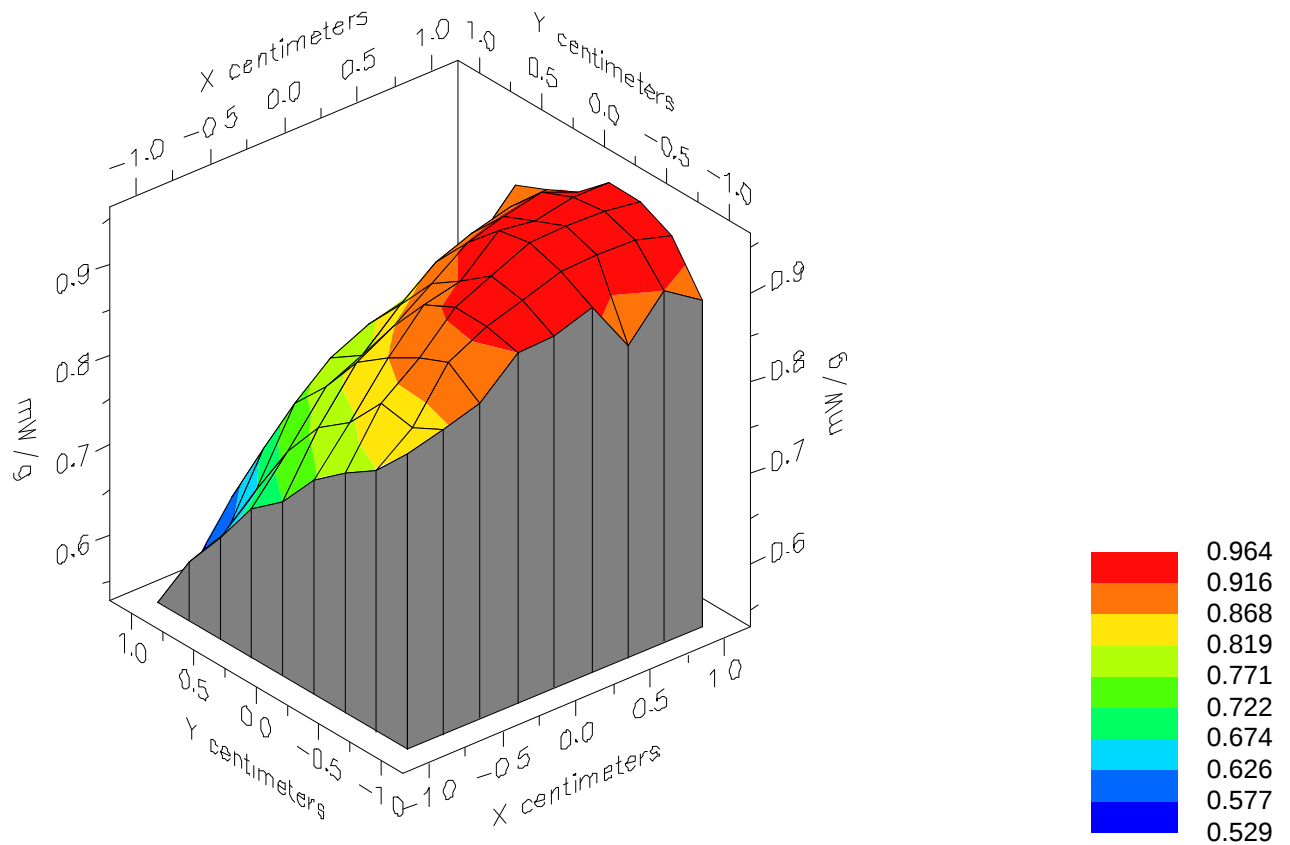


File : 01032804_ZOOM

Start : 28-Mar-101 10:26:17 am End : 28-Mar-101 10:33:41 am

SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/In;

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

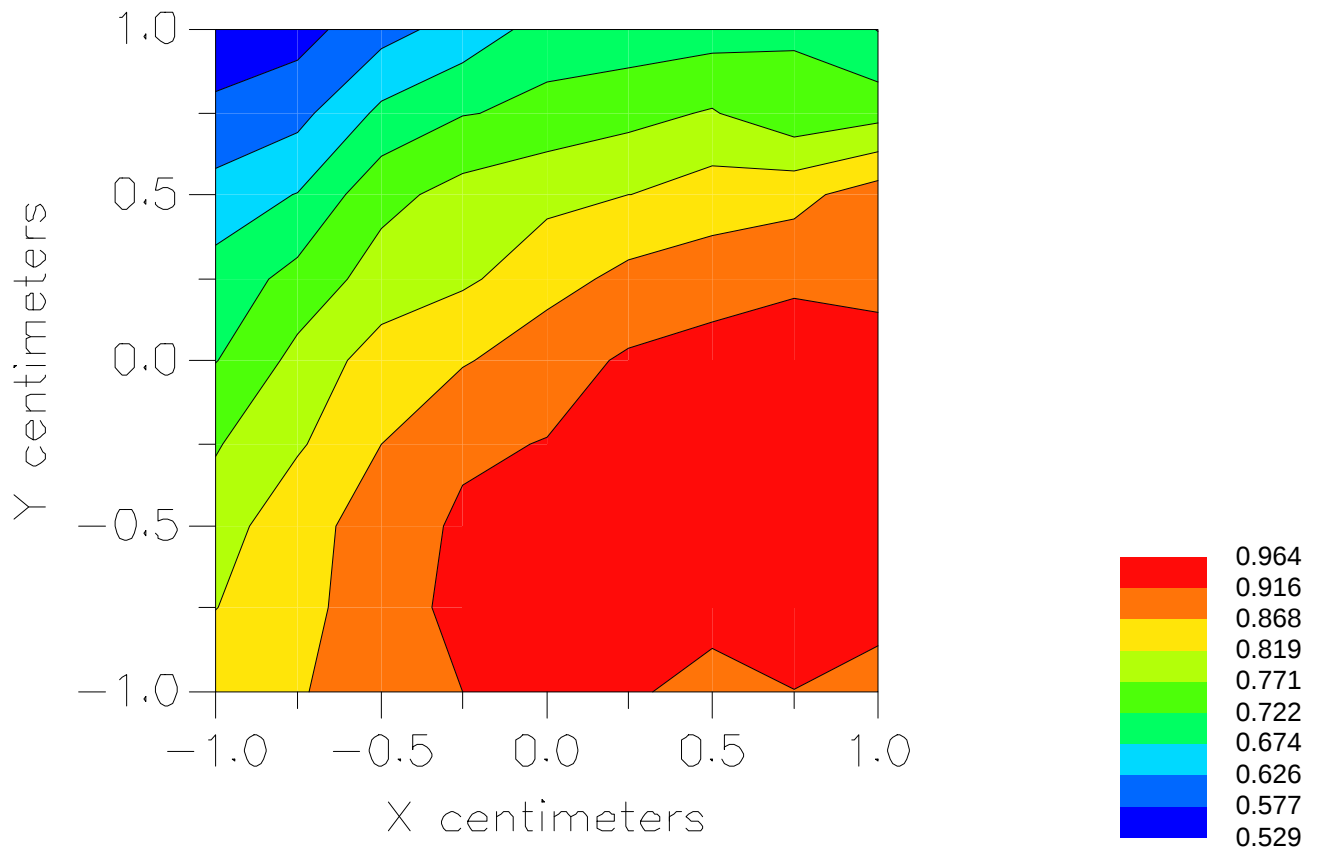


File : 01032804_ZOOM

Start : 28-Mar-101 10:26:17 am End : 28-Mar-101 10:33:41 am

SAMSUNG/SCH-N150/1;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/01032805_ZOOM.VLT
Start : 28-Mar-101 10:42:52 am End : 28-Mar-101 10:50:14 am

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0383 Conducted 27.0 dBm
SAMSUNG 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 = 0.250, Y = -0.250, Z = 0.000 (cm) Value = 10.483

Measured Values (volts) =
9.758E-003 8.142E-003 6.779E-003 5.632E-003 4.703E-003 3.949E-003
3.448E-003 3.043E-003 2.919E-003 2.812E-003 2.666E-003 2.425E-003
2.101E-003 1.670E-003 1.204E-003 7.724E-004 4.944E-004 3.984E-004
5.060E-004 6.362E-004 8.570E-004

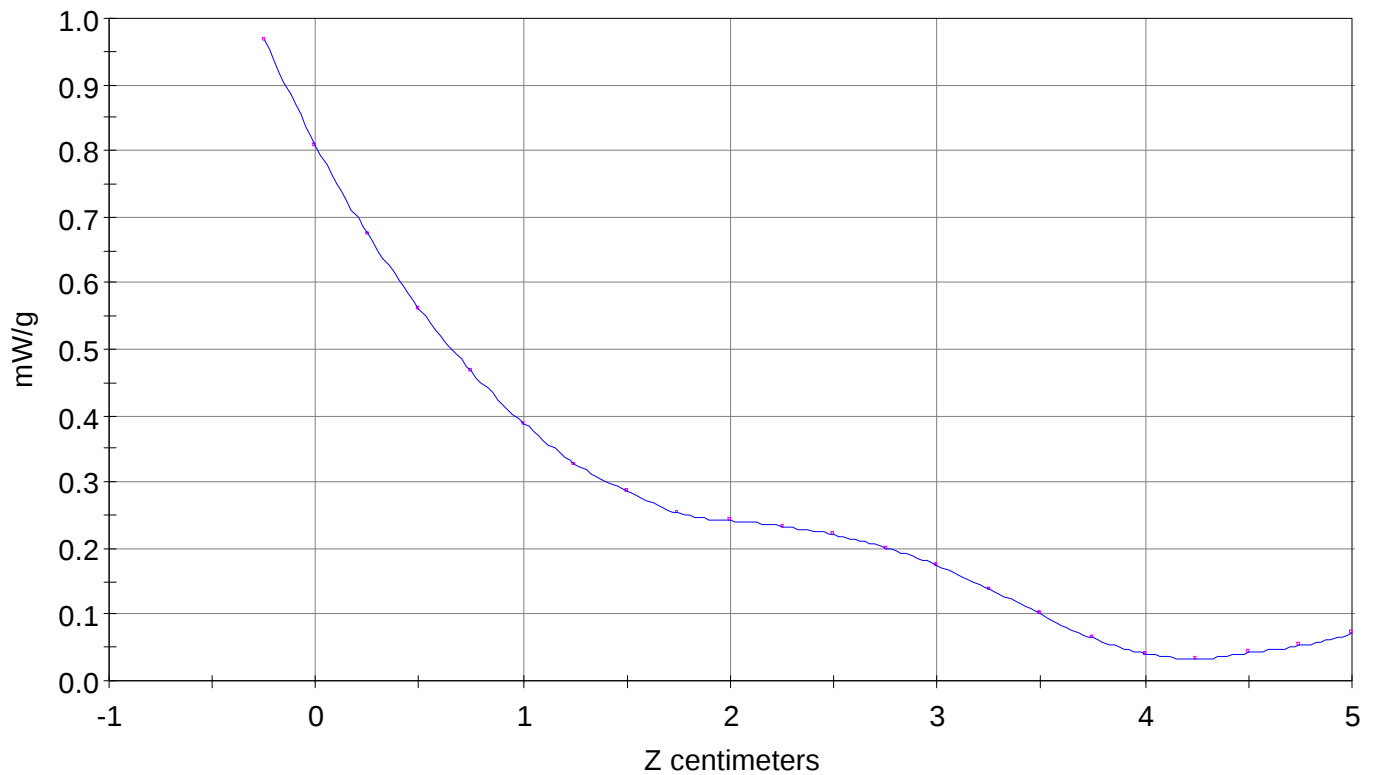
Calc. Voltage @ Surface (Vs) = 0.0117

Voltage @ 1.00 cm (Vt) = 0.0056

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

Ave. SAR over 1 g (mW/g) = 0.7177

SAR Scan
File : 01032805_ZOOM
Start : 28-Mar-101 10:42:52 am End : 28-Mar-101 10:50:14 am
SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

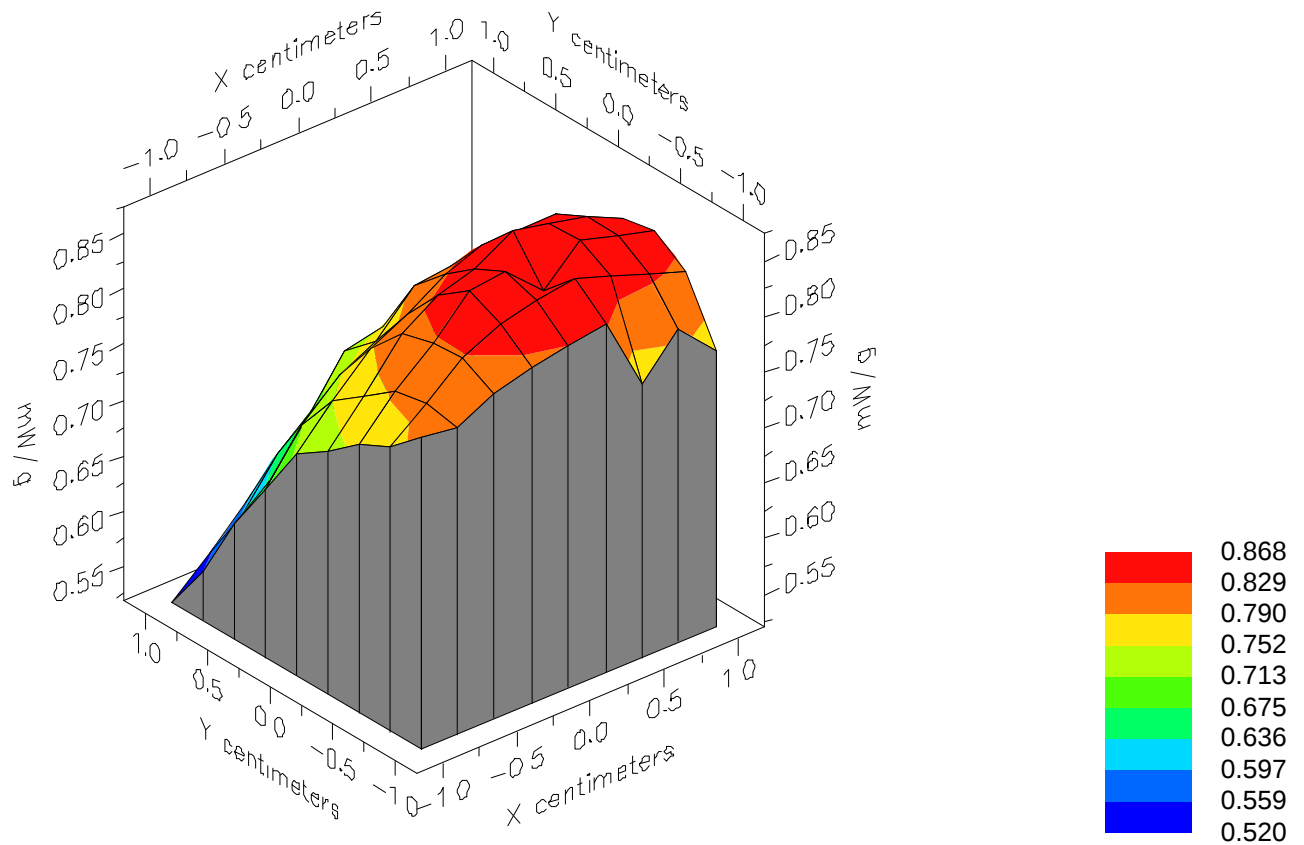


File : 01032805_ZOOM

Start : 28-Mar-101 10:42:52 am End : 28-Mar-101 10:50:14 am

SAMSUNG/SCH-N150/1;836.49MHz;W;Helical/Out;

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

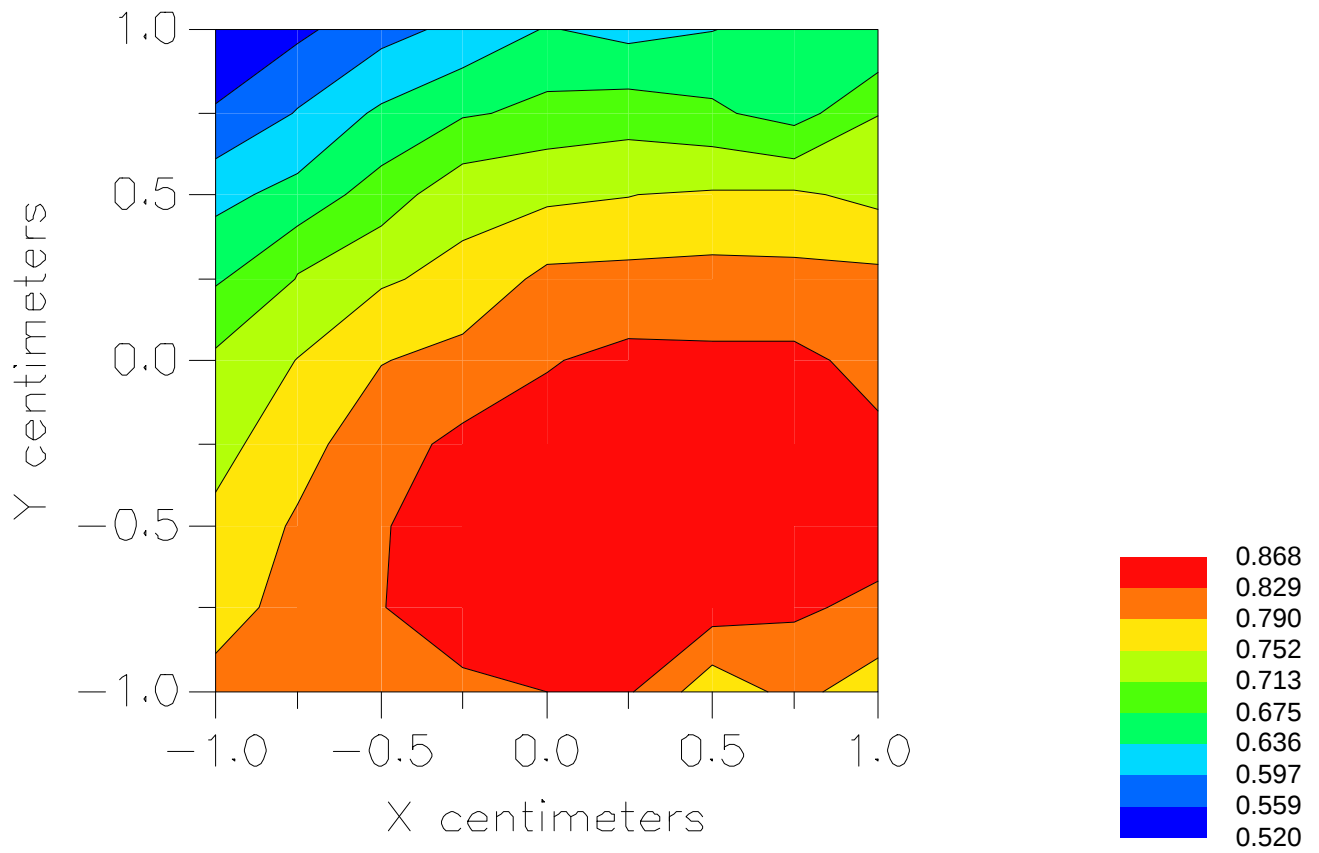


File : 01032805_ZOOM

Start : 28-Mar-101 10:42:52 am End : 28-Mar-101 10:50:14 am

SAMSUNG/SCH-N150/1;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/01032807_ZOOM.VLT
Start : 28-Mar-101 11:13:53 am End : 28-Mar-101 11:23:46 am

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.0 dBm
SAMSUNG 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 = 0.750, Y = -0.250, Z = 0.000 (cm) Value = 13.132

Measured Values (volts) =
1.197E-002 1.050E-002 8.949E-003 7.536E-003 6.213E-003 5.201E-003
4.425E-003 3.774E-003 3.450E-003 3.296E-003 3.153E-003 2.964E-003
2.693E-003 2.259E-003 1.765E-003 1.244E-003 8.379E-004 5.387E-004
4.972E-004 6.183E-004 8.649E-004

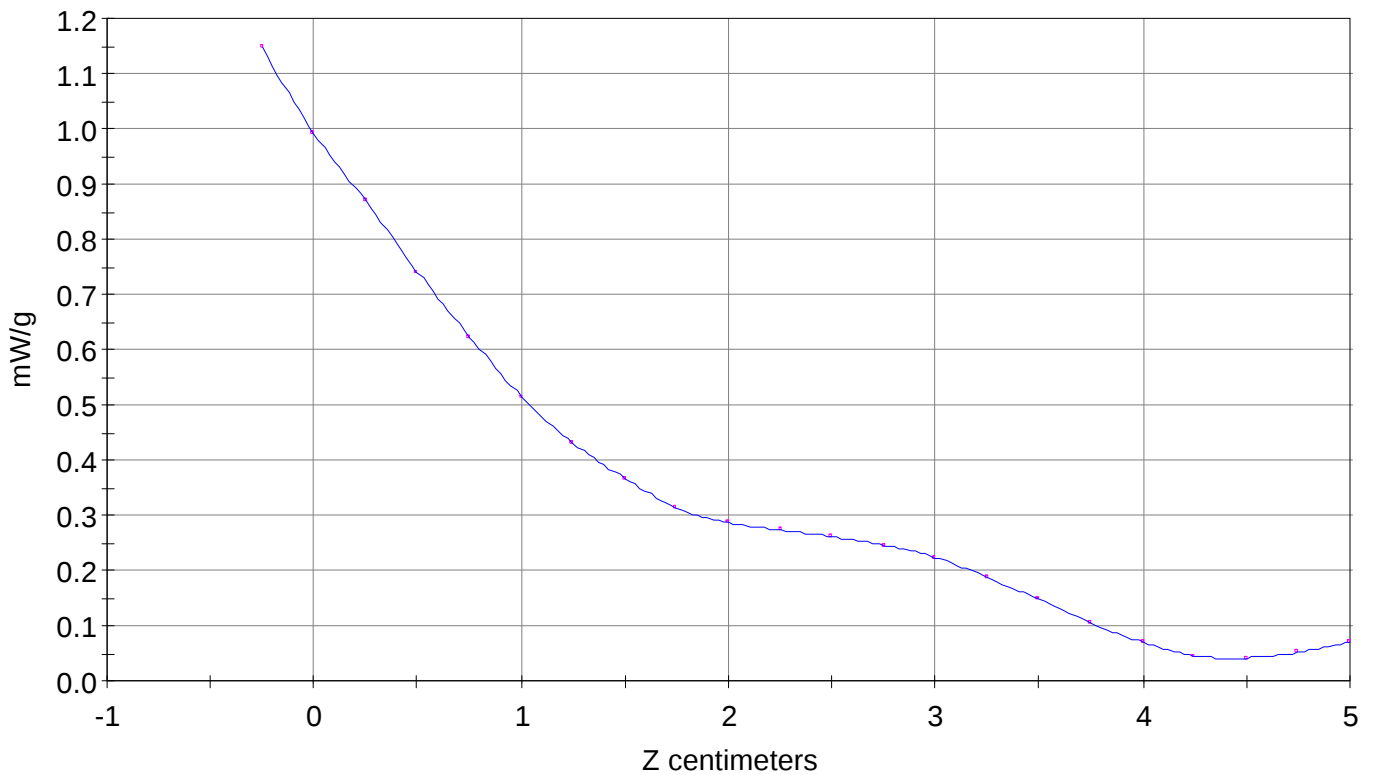
Calc. Voltage @ Surface (Vs) = 0.0139

Voltage @ 1.00 cm (Vt) = 0.0075

Ave. Voltage (Vs+Vt)/2 = 0.0107

Ave. SAR over 1 g (mW/g) = 0.8853

SAR Scan
File : 01032807_ZOOM
Start : 28-Mar-101 11:13:53 am End : 28-Mar-101 11:23:46 am
SAMSUNG/SCH-N150/1;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

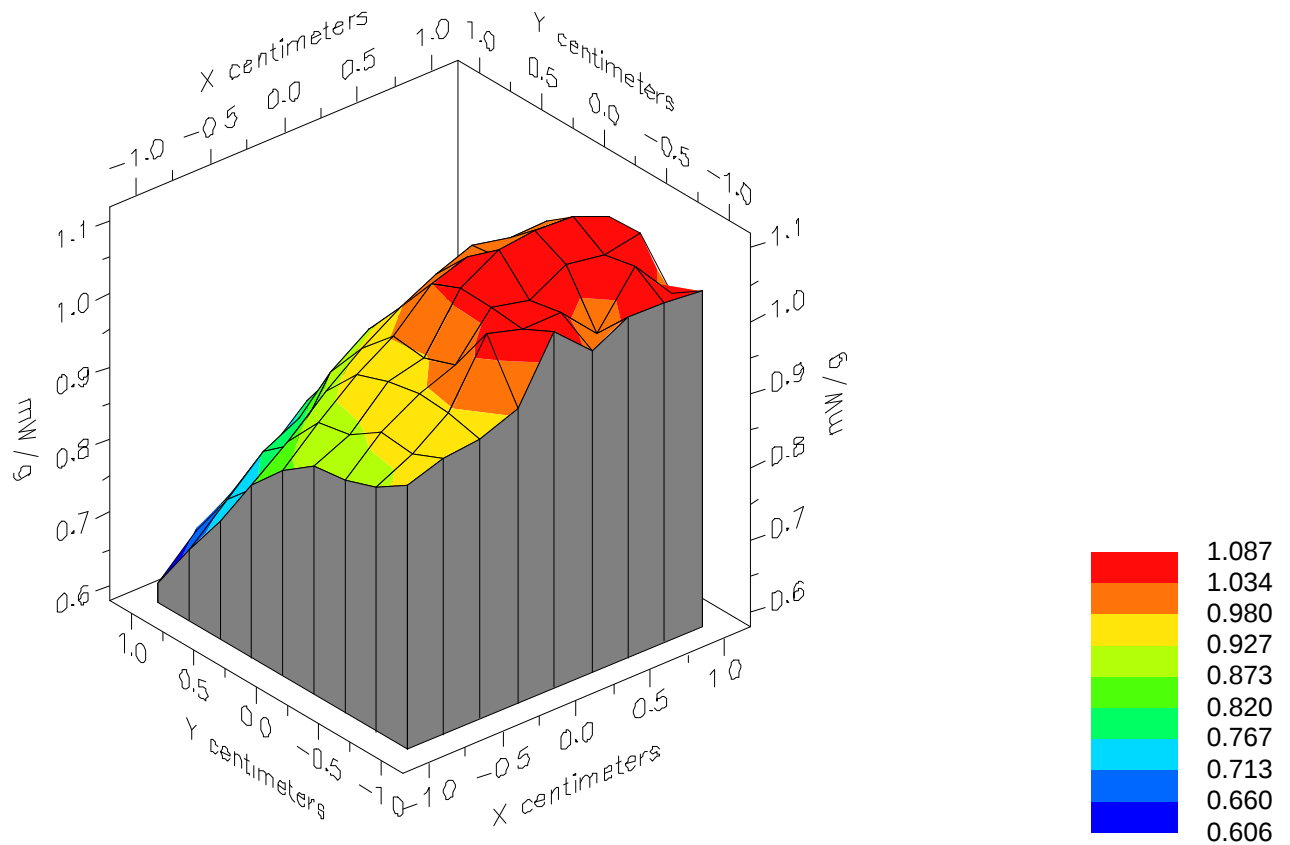


File : 01032807_ZOOM

Start : 28-Mar-101 11:13:53 am End : 28-Mar-101 11:23:46 am

SAMSUNG/SCH-N150/1;848.97MHz;W;Helical/In;

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

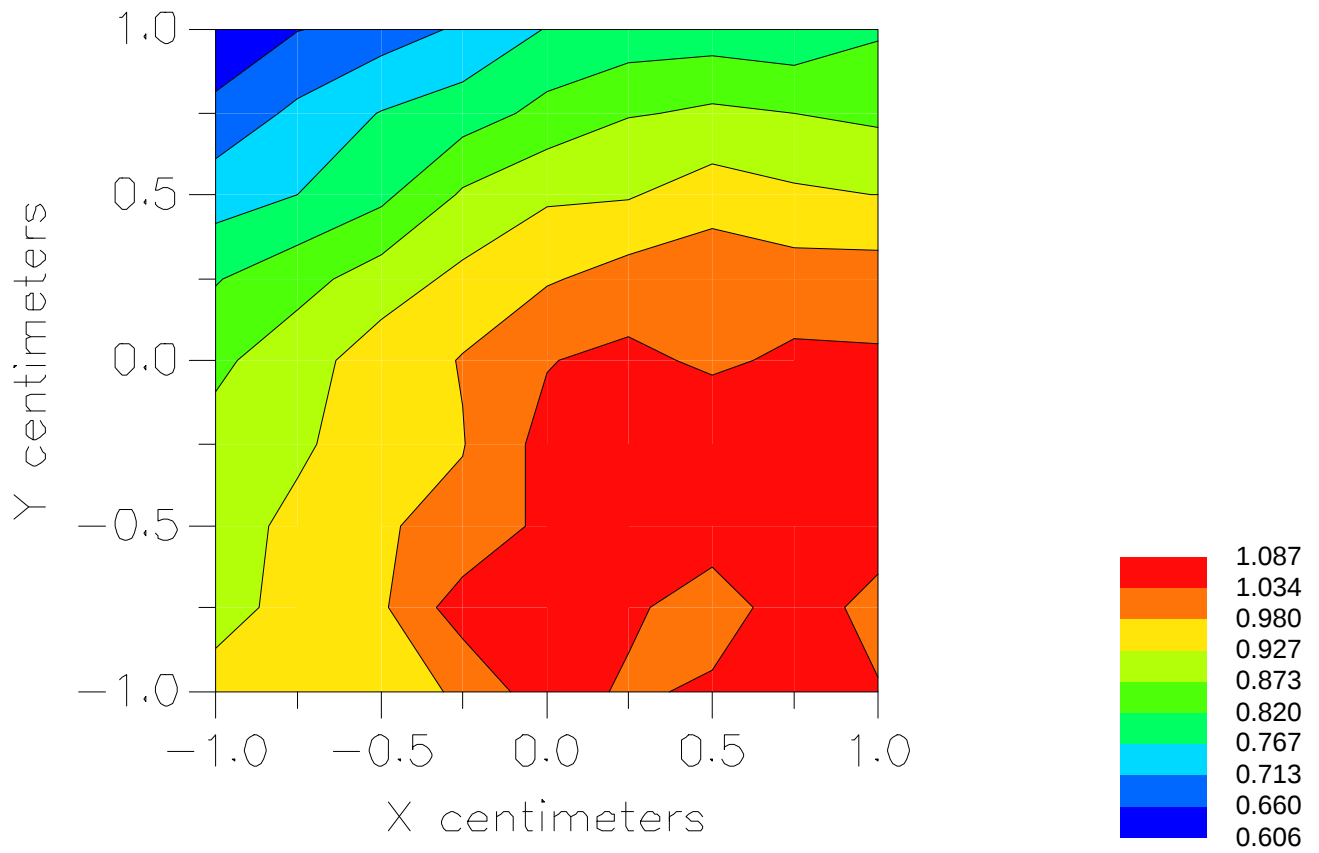


File : 01032807_ZOOM

Start : 28-Mar-101 11:13:53 am End : 28-Mar-101 11:23:46 am

SAMSUNG/SCH-N150/1;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/01032808_ZOOM.VLT
Start : 28-Mar-101 11:33:39 am End : 28-Mar-101 11:41:07 am

Radio Type : SAMSUNG
Model Number : SCH-N150
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 :
SAMSUNG TRI-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 27.0 dBm
SAMSUNG 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 = 0.000, Y = -0.750, Z = 0.000 (cm) Value = 13.236

Measured Values (volts) =
1.271E-002 1.008E-002 8.228E-003 6.842E-003 5.689E-003 4.805E-003
4.213E-003 3.865E-003 3.670E-003 3.519E-003 3.274E-003 2.872E-003
2.399E-003 1.767E-003 1.243E-003 7.648E-004 5.341E-004 5.468E-004
7.615E-004 1.026E-003 1.179E-003

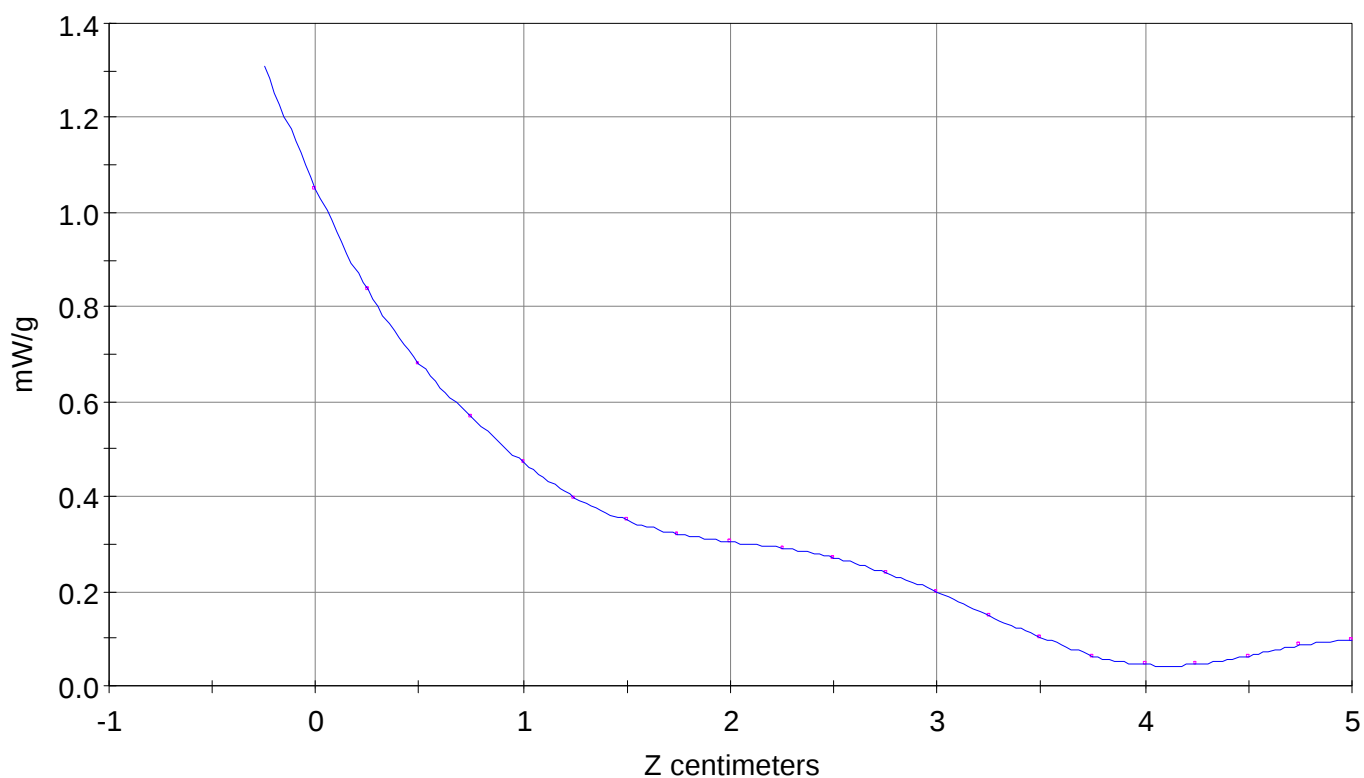
Calc. Voltage @ Surface (Vs) = 0.0158

Voltage @ 1.00 cm (Vt) = 0.0068

Ave. Voltage (Vs+Vt)/2 = 0.0113

Ave. SAR over 1 g (mW/g) = 0.9375

SAR Scan
File : 01032808_ZOOM
Start : 28-Mar-101 11:33:39 am End : 28-Mar-101 11:41:07 am
SAMSUNG/SCH-N150/1;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

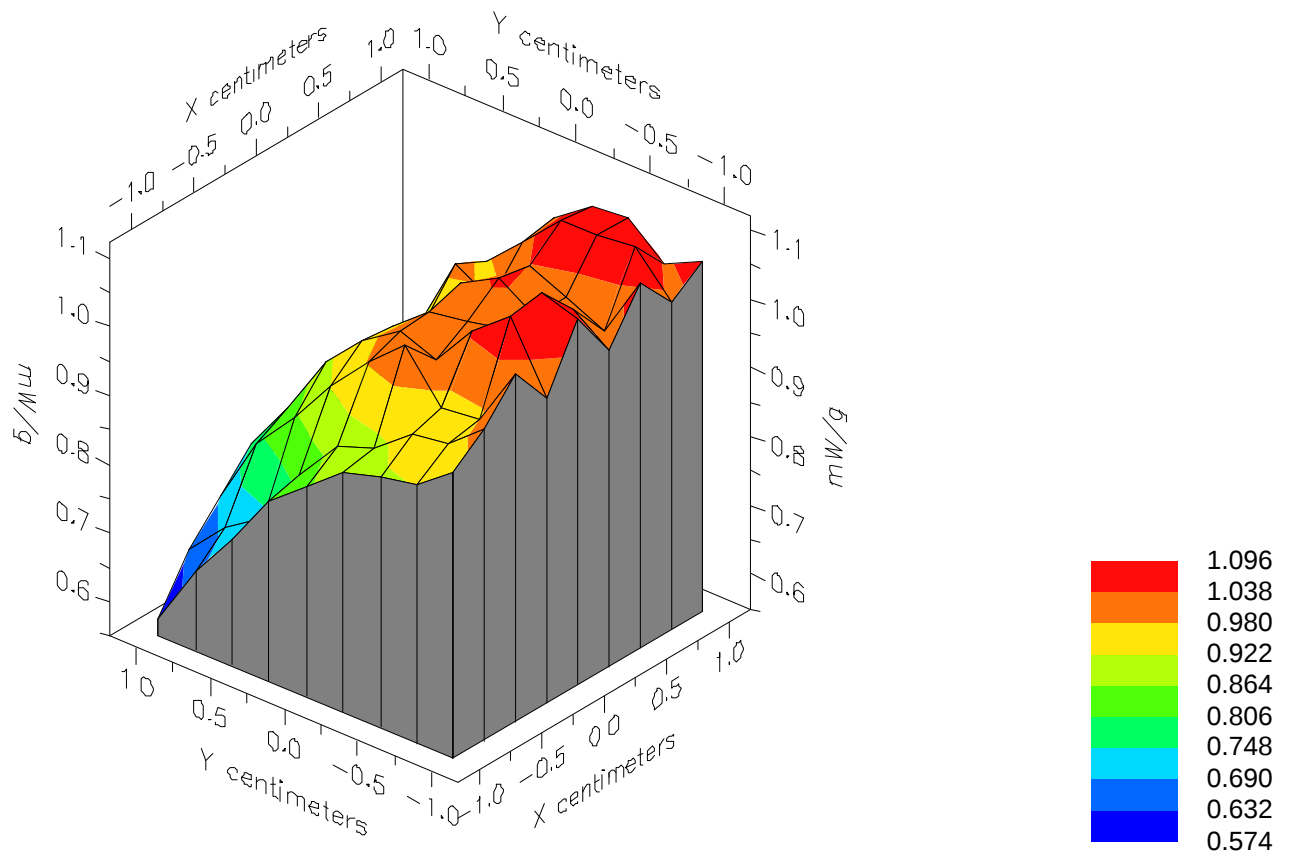


File : 01032808_ZOOM

Start : 28-Mar-101 11:33:39 am End : 28-Mar-101 11:41:07 am

SAMSUNG/SCH-N150/1;848.97MHz;W;Helical/Out;

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

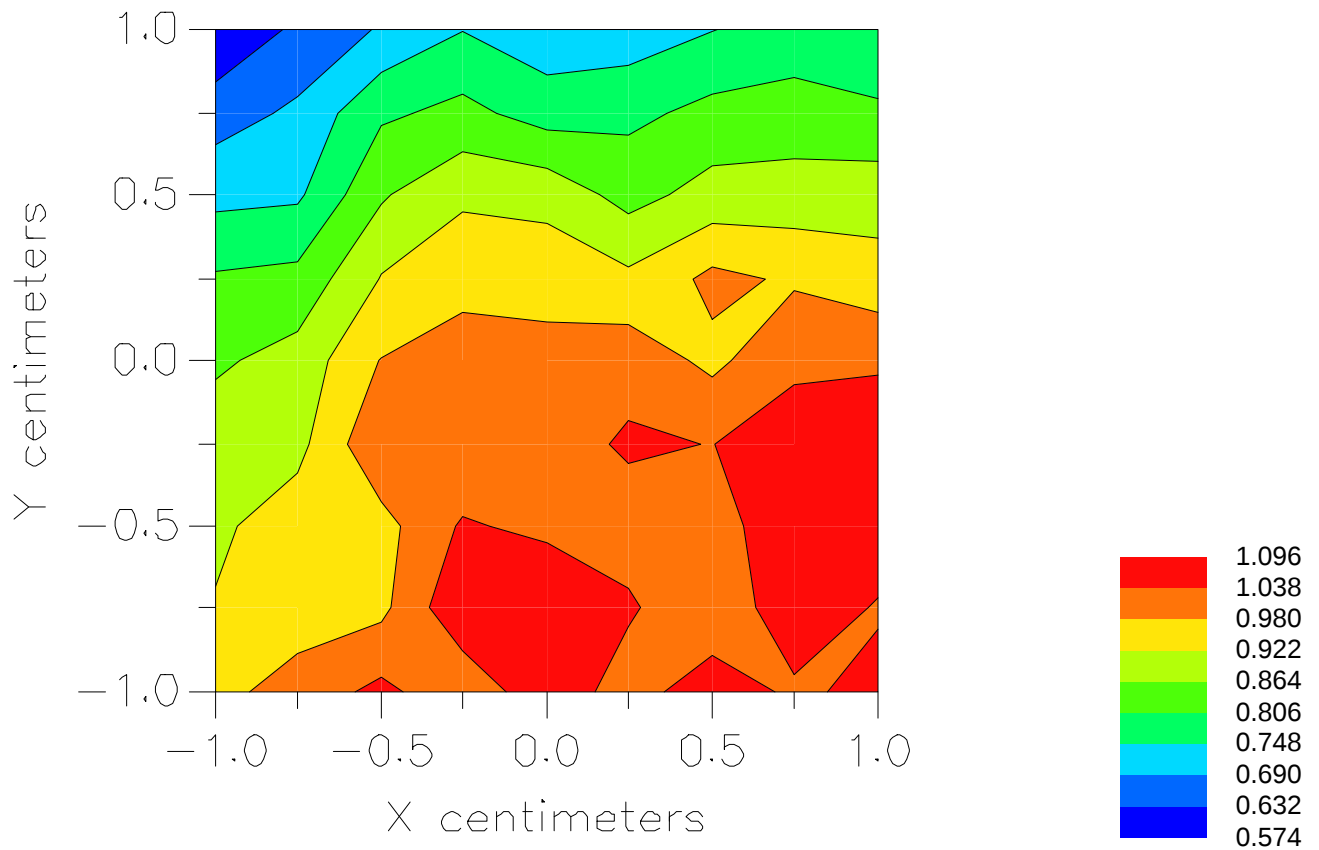


File : 01032808_ZOOM

Start : 28-Mar-101 11:33:39 am End : 28-Mar-101 11:41:07 am

SAMSUNG/SCH-N150/1;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/01032809_ZOOM.VLT
Start : 28-Mar-101 11:54:01 am End : 28-Mar-101 12:01:29 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 TRI-MODE PHONE - CDMA MODE
CHAN 1013 Conducted 25.0 dBm
SAMSUNG 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 = 1.000, Y = 0.000, Z = 0.000 (cm) Value = 9.238

Measured Values (volts) =
9.024E-003 7.949E-003 6.617E-003 5.598E-003 4.706E-003 3.946E-003
3.303E-003 2.802E-003 2.550E-003 2.404E-003 2.329E-003 2.230E-003
2.055E-003 1.789E-003 1.458E-003 1.069E-003 7.168E-004 4.587E-004
3.405E-004 3.751E-004 5.072E-004

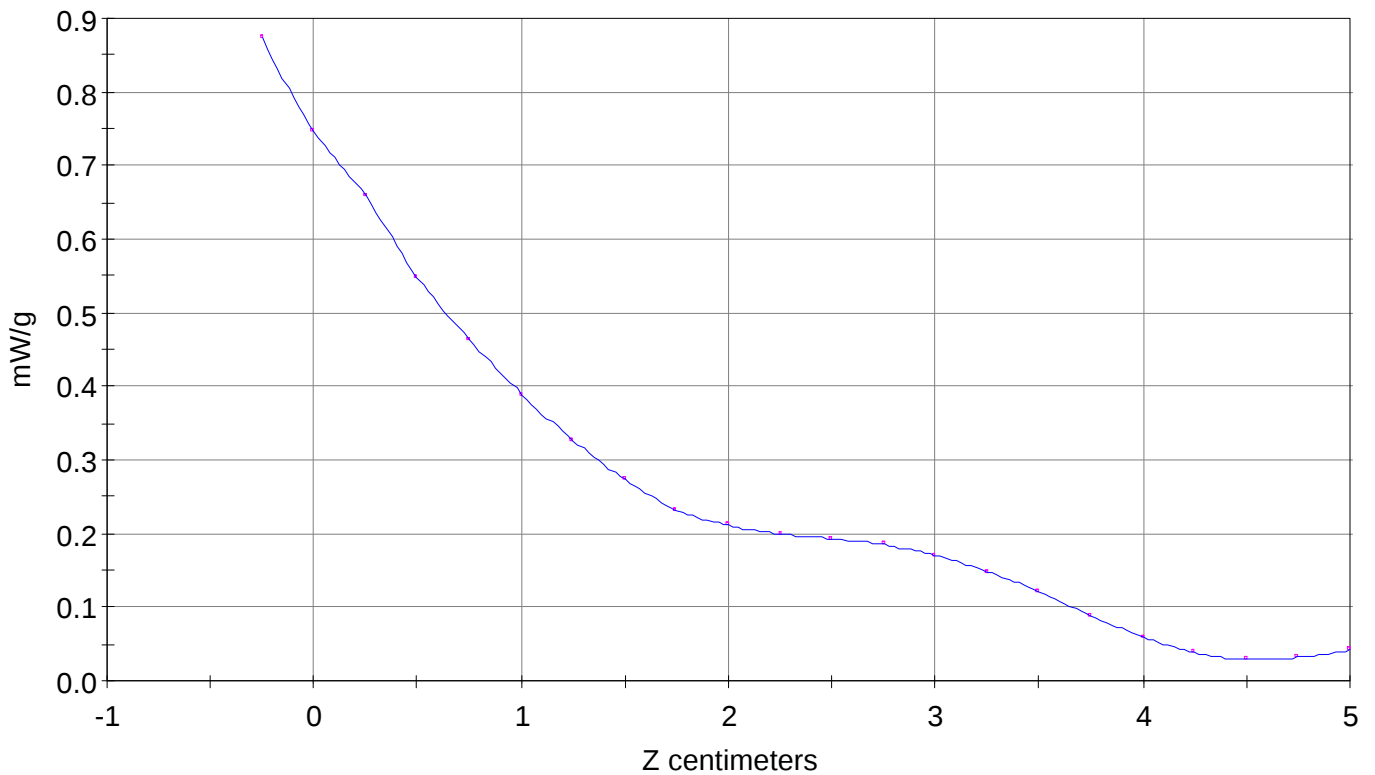
Calc. Voltage @ Surface (Vs) = 0.0105

Voltage @ 1.00 cm (Vt) = 0.0056

Ave. Voltage (Vs+Vt)/2 = 0.0081

Ave. SAR over 1 g (mW/g) = 0.6680

SAR Scan
File : 01032809_ZOOM
Start : 28-Mar-101 11:54:01 am End : 28-Mar-101 12:01:29 pm
SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

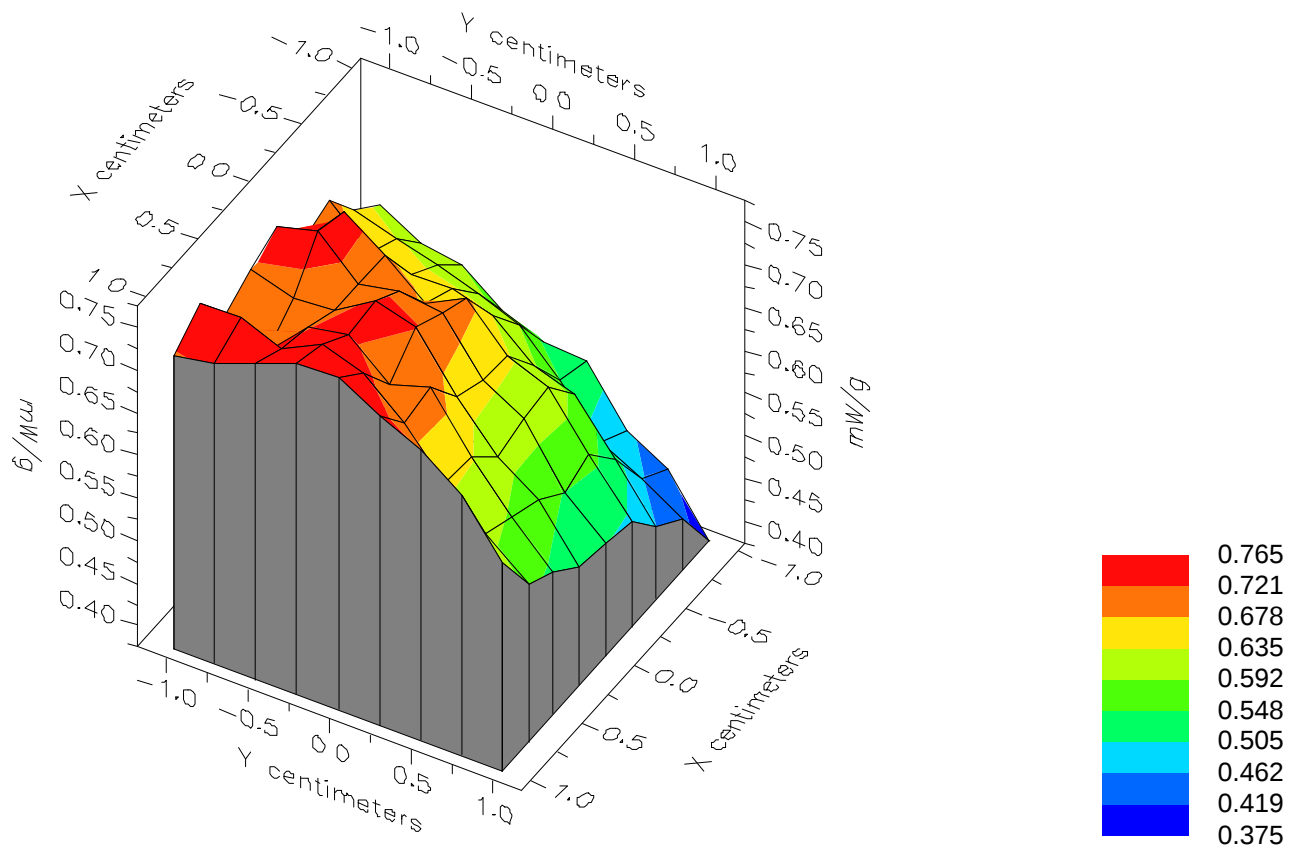


File : 01032809_ZOOM

Start : 28-Mar-101 11:54:01 am End : 28-Mar-101 12:01:29 pm

SAMSUNG/SCH-N150/1,824.70MHz;W;Helical/In;

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

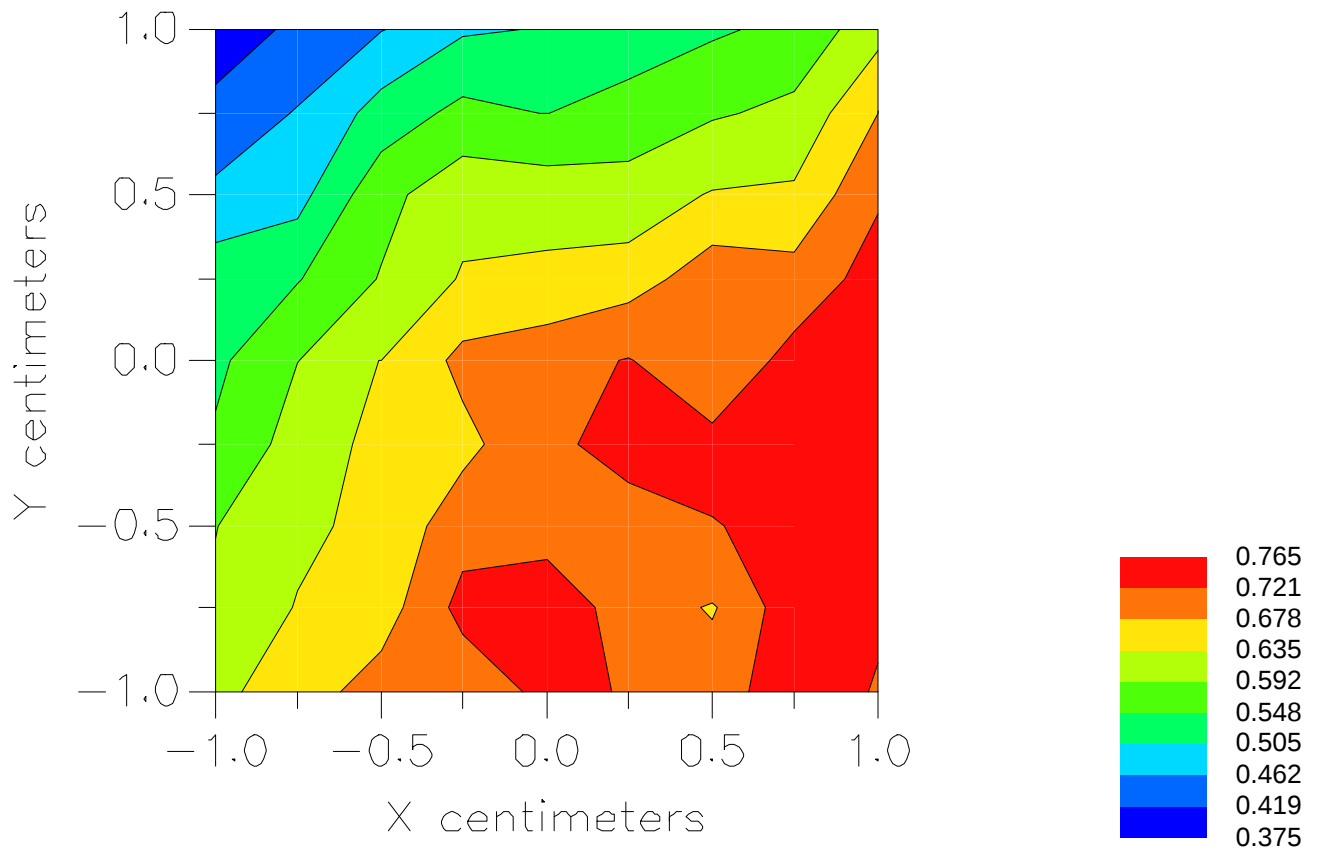


File : 01032809_ZOOM

Start : 28-Mar-101 11:54:01 am End : 28-Mar-101 12:01:29 pm

SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032810_ZOOM.VLT
Start : 28-Mar-101 12:11:31 pm End : 28-Mar-101 12:18:56 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 TRI-MODE PHONE - CDMA MODE
CHAN 1013 Conducted 25.0 dBm
SAMSUNG 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 = 0.000, Y = -0.500, Z = 0.000 (cm) Value = 8.341

Measured Values (volts) =
8.359E-003 6.729E-003 5.502E-003 4.558E-003 3.828E-003 3.206E-003
2.860E-003 2.598E-003 2.494E-003 2.383E-003 2.220E-003 1.948E-003
1.653E-003 1.211E-003 8.275E-004 5.238E-004 3.895E-004 3.537E-004
4.255E-004 6.015E-004 7.475E-004

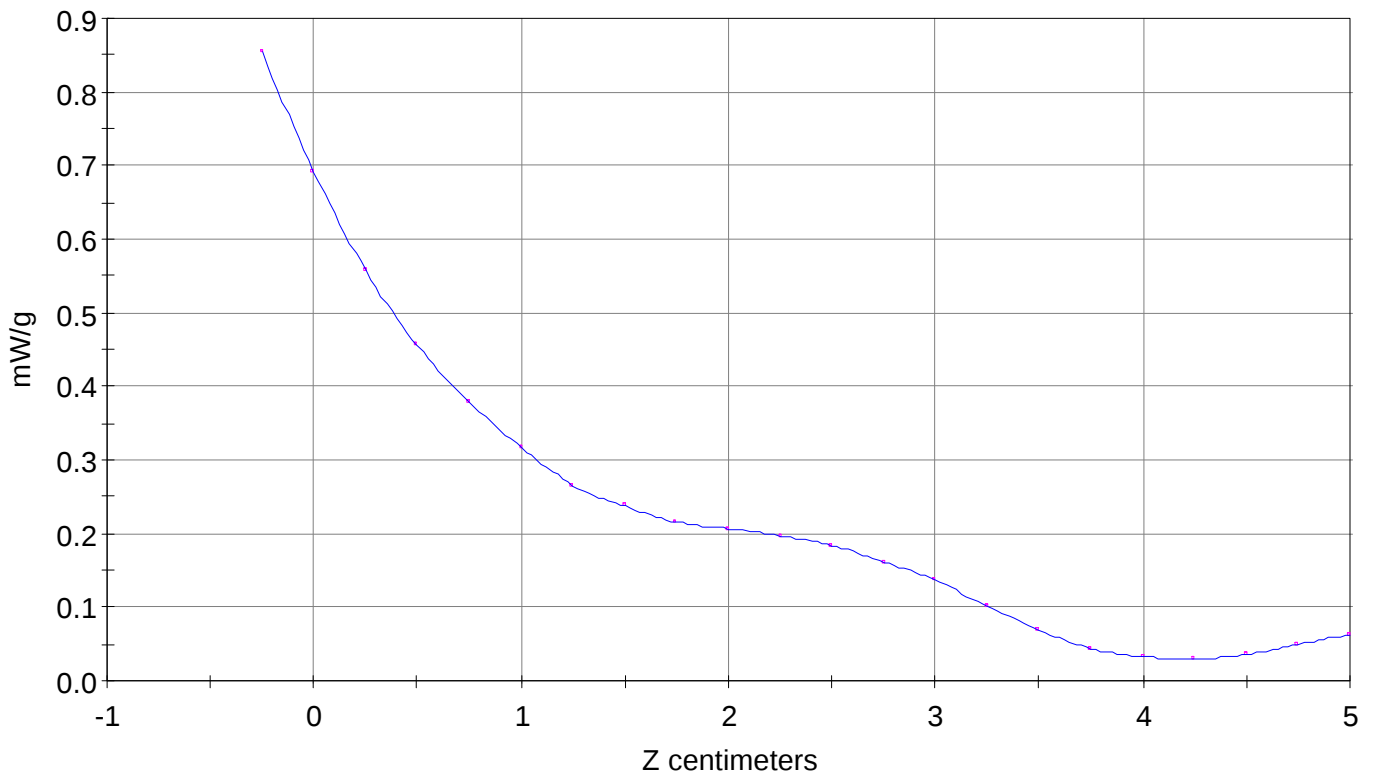
Calc. Voltage @ Surface (Vs) = 0.0103

Voltage @ 1.00 cm (Vt) = 0.0046

Ave. Voltage (Vs+Vt)/2 = 0.0074

Ave. SAR over 1 g (mW/g) = 0.6152

SAR Scan
File : 01032810_ZOOM
Start : 28-Mar-101 12:11:31 pm End : 28-Mar-101 12:18:56 pm
SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

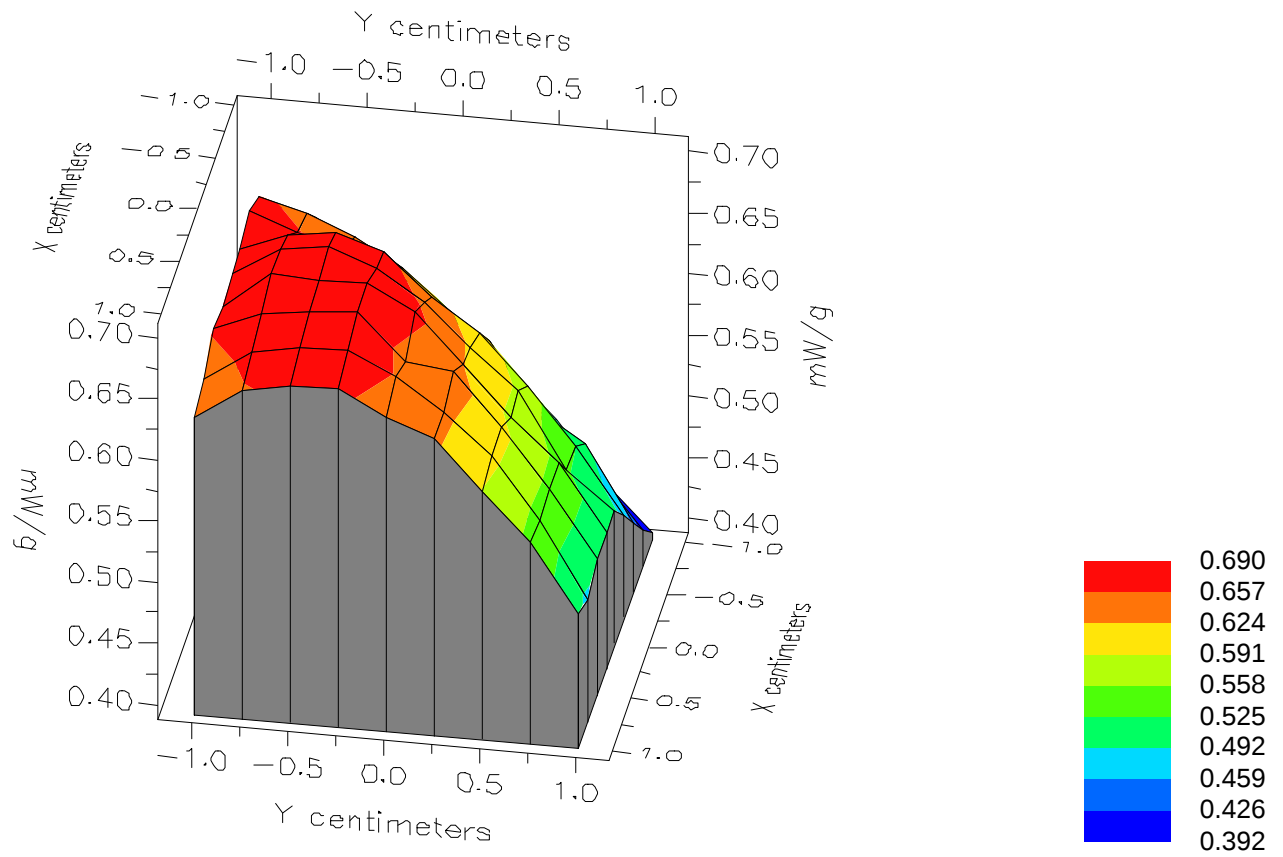


File : 01032810_ZOOM

Start : 28-Mar-101 12:11:31 pm End : 28-Mar-101 12:18:56 pm

SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/Out;

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

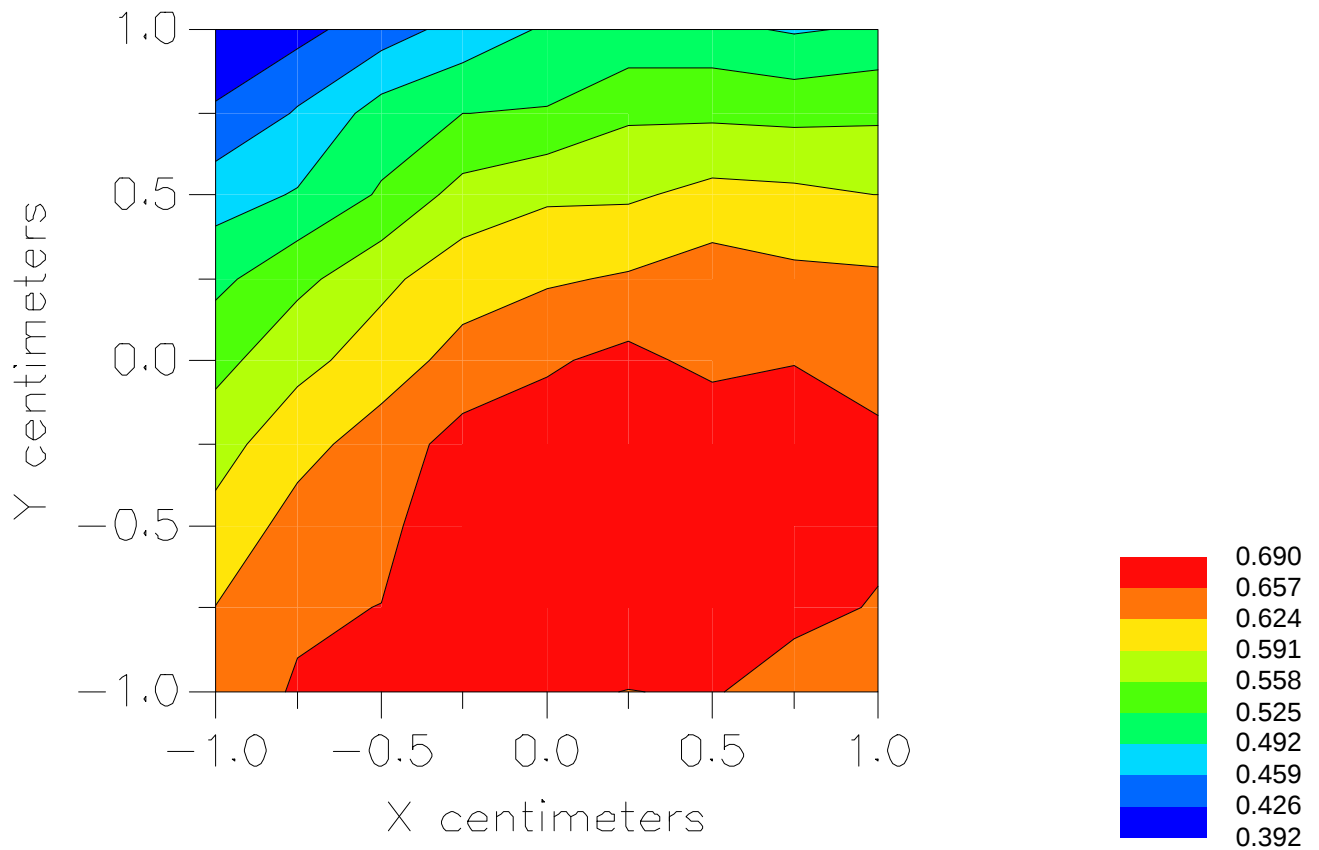


File : 01032810_ZOOM

Start : 28-Mar-101 12:11:31 pm End : 28-Mar-101 12:18:56 pm

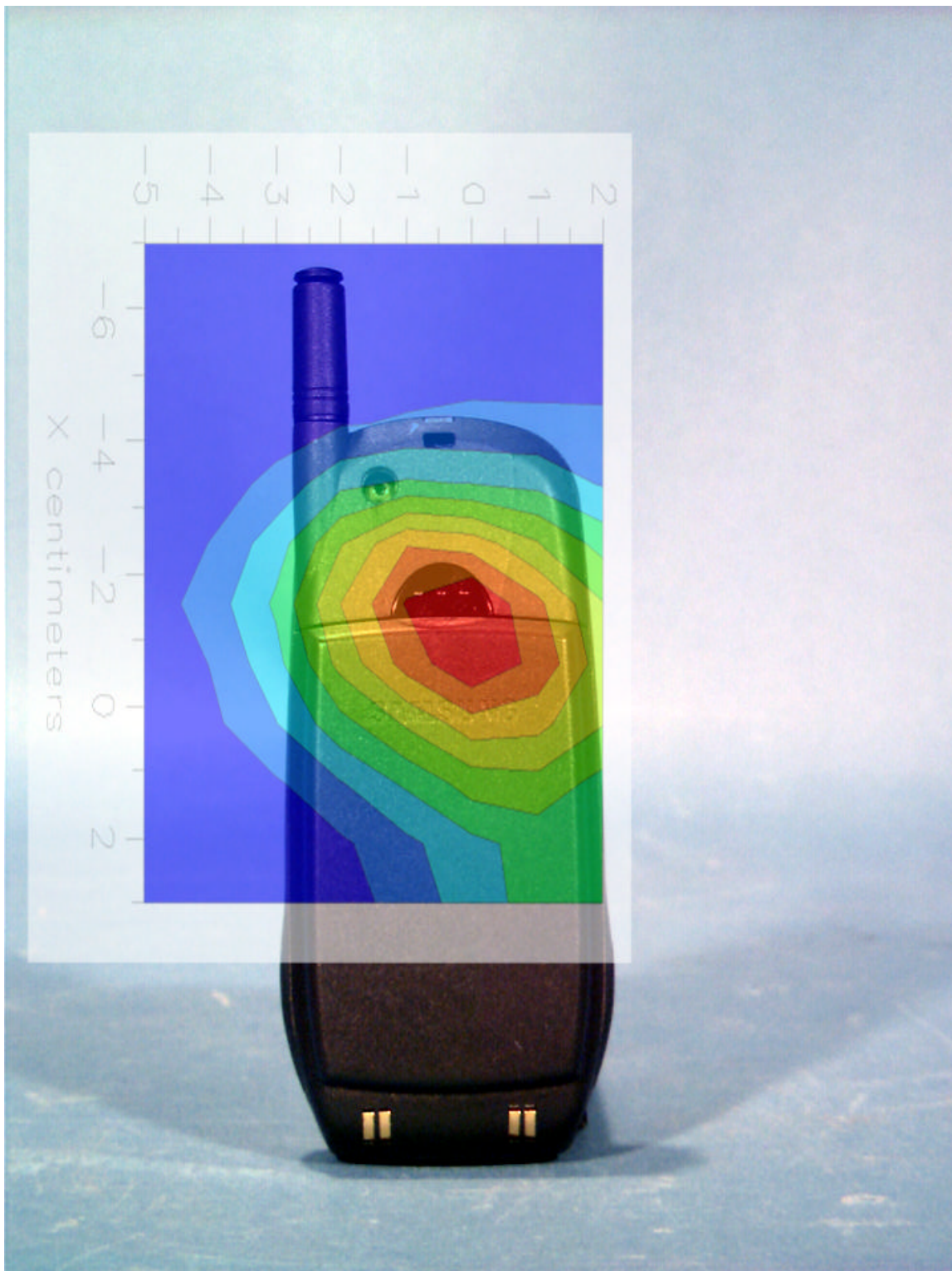
SAMSUNG/SCH-N150/1;824.70MHz;W;Helical/Out;

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



Peak SAR Location

1800 MHz Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01032811_ZOOM.VLT
Start : 28-Mar-101 02:52:04 pm End : 28-Mar-101 03:01:44 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1851.25 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 = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 0025 Conducted 24.5 dBm
SAMSUNG 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 = -0.750, Z = 0.000 (cm) Value = 5.741

Measured Values (volts) =
5.361E-003 3.752E-003 2.654E-003 1.869E-003 1.421E-003 1.054E-003
8.104E-004 5.587E-004 3.488E-004 2.837E-004 1.743E-004 1.592E-004
1.162E-004 2.396E-005 3.127E-005 2.298E-005 3.454E-005 1.551E-005
4.653E-006 0.000E+000 0.000E+000

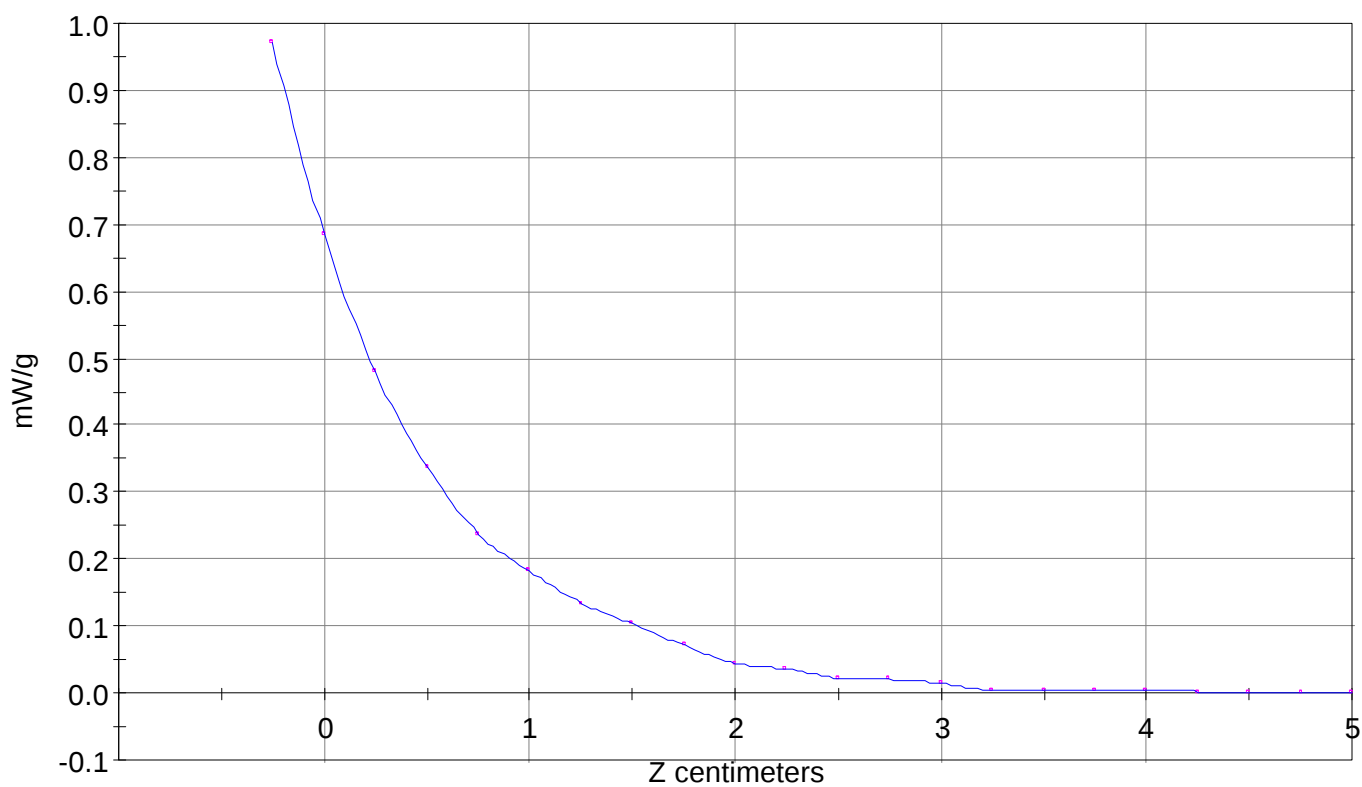
Calc. Voltage @ Surface (Vs) = 0.0076

Voltage @ 1.00 cm (Vt) = 0.0019

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

Ave. SAR over 1 g (mW/g) = 0.6053

SAR Scan
File : 01032811_ZOOM
Start : 28-Mar-101 02:52:04 pm End : 28-Mar-101 03:01:44 pm
SAMSUNG/SCH-N150/1;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

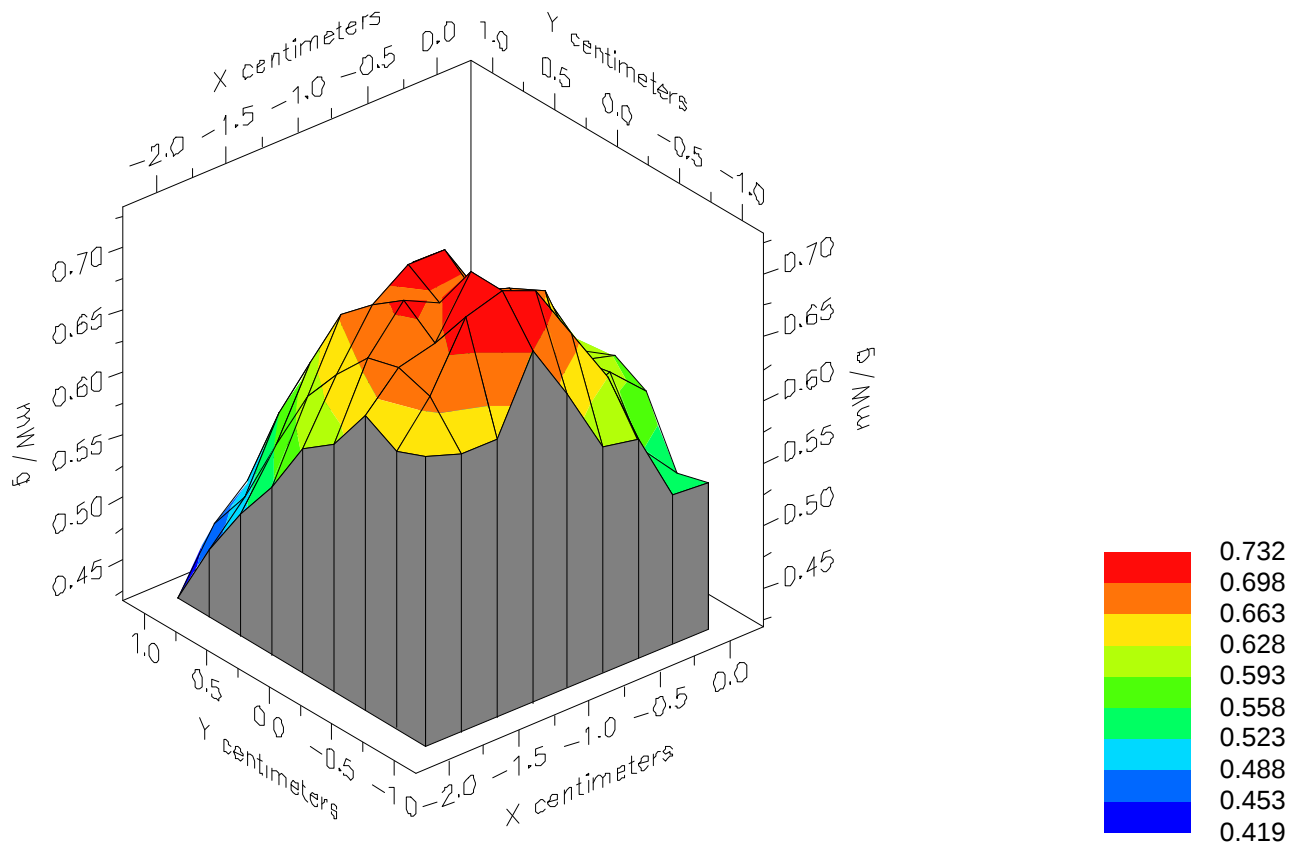


File : 01032811_ZOOM

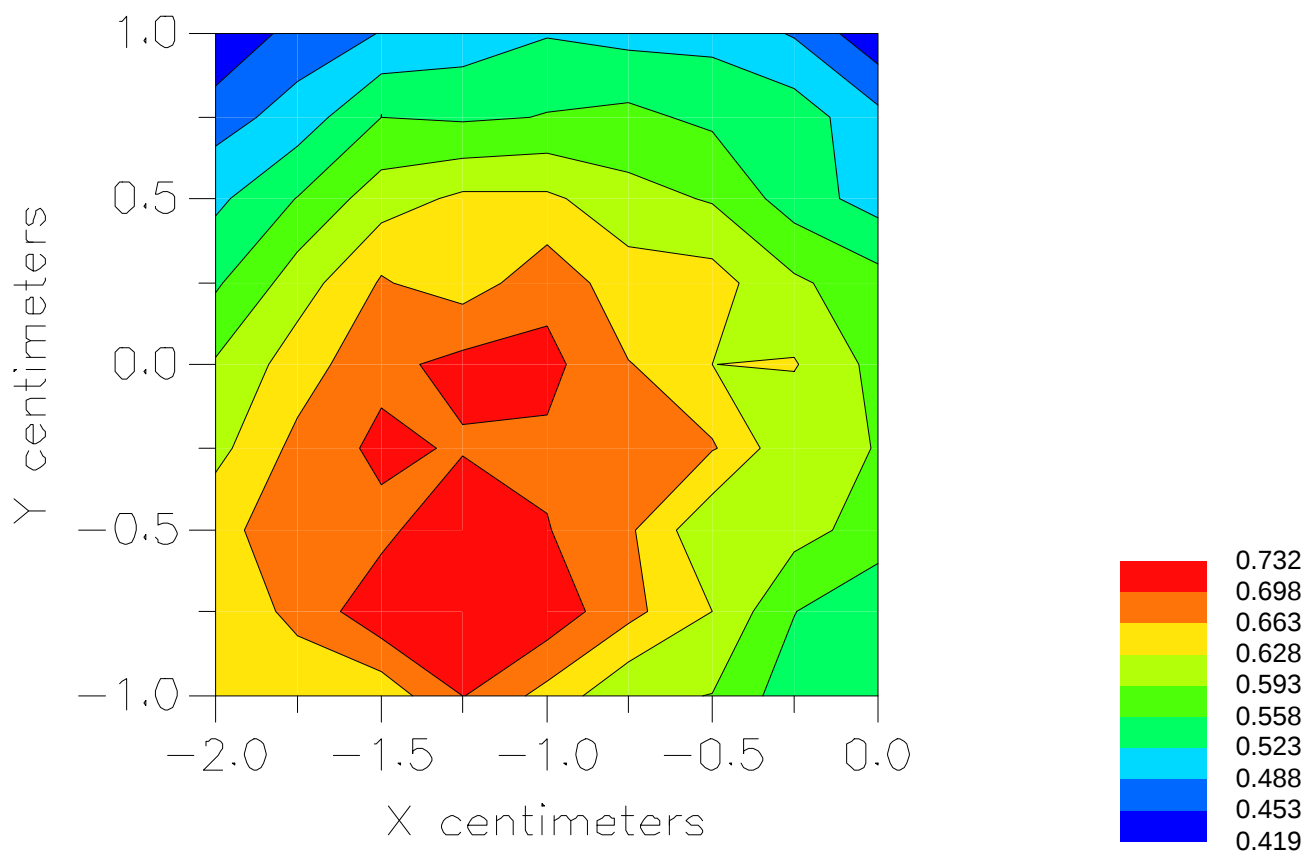
Start : 28-Mar-101 02:52:04 pm End : 28-Mar-101 03:01:44 pm

SAMSUNG/SCH-N150/1;1851.25MHz;W;Helical/In;

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



File : 01032811_ZOOM
Start : 28-Mar-101 02:52:04 pm End : 28-Mar-101 03:01:44 pm
SAMSUNG/SCH-N150/1;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/01032813_ZOOM.VLT
Start : 28-Mar-101 03:23:32 pm End : 28-Mar-101 03:33:18 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1851.25 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 = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 0025 Conducted 24.5 dBm
SAMSUNG 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 = -0.500, Z = 0.000 (cm) Value = 4.703

Measured Values (volts) =
4.516E-003 3.381E-003 2.404E-003 1.713E-003 1.267E-003 9.851E-004
7.629E-004 5.435E-004 4.158E-004 4.500E-004 1.423E-004 7.108E-005
6.171E-005 8.806E-005 1.996E-005 2.331E-005 0.000E+000 0.000E+000
1.741E-005 9.066E-005 0.000E+000

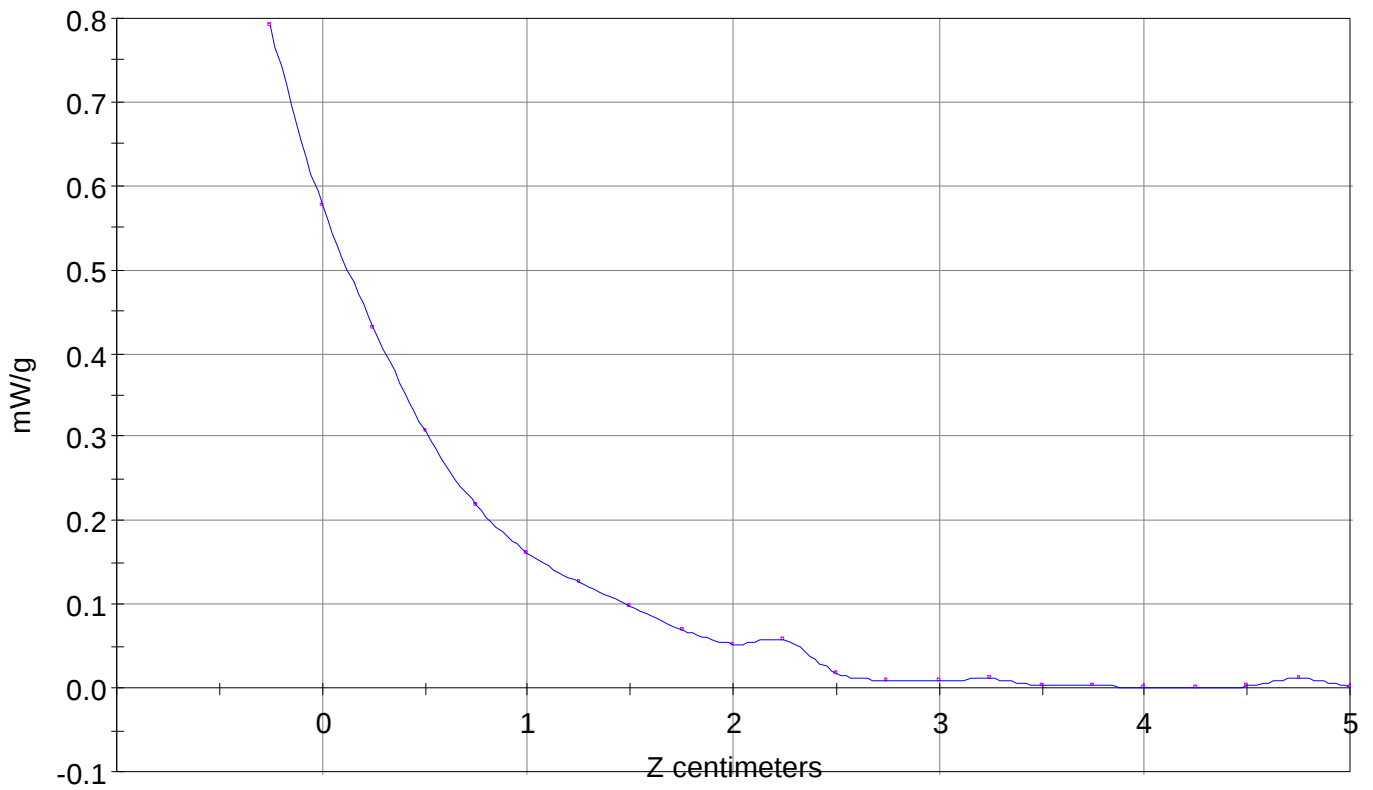
Calc. Voltage @ Surface (Vs) = 0.0062

Voltage @ 1.00 cm (Vt) = 0.0017

Ave. Voltage (Vs+Vt)/2 = 0.0040

Ave. SAR over 1 g (mW/g) = 0.5043

SAR Scan
File : 01032813_ZOOM
Start : 28-Mar-101 03:23:32 pm End : 28-Mar-101 03:33:18 pm
SAMSUNG/SCH-N150/1;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

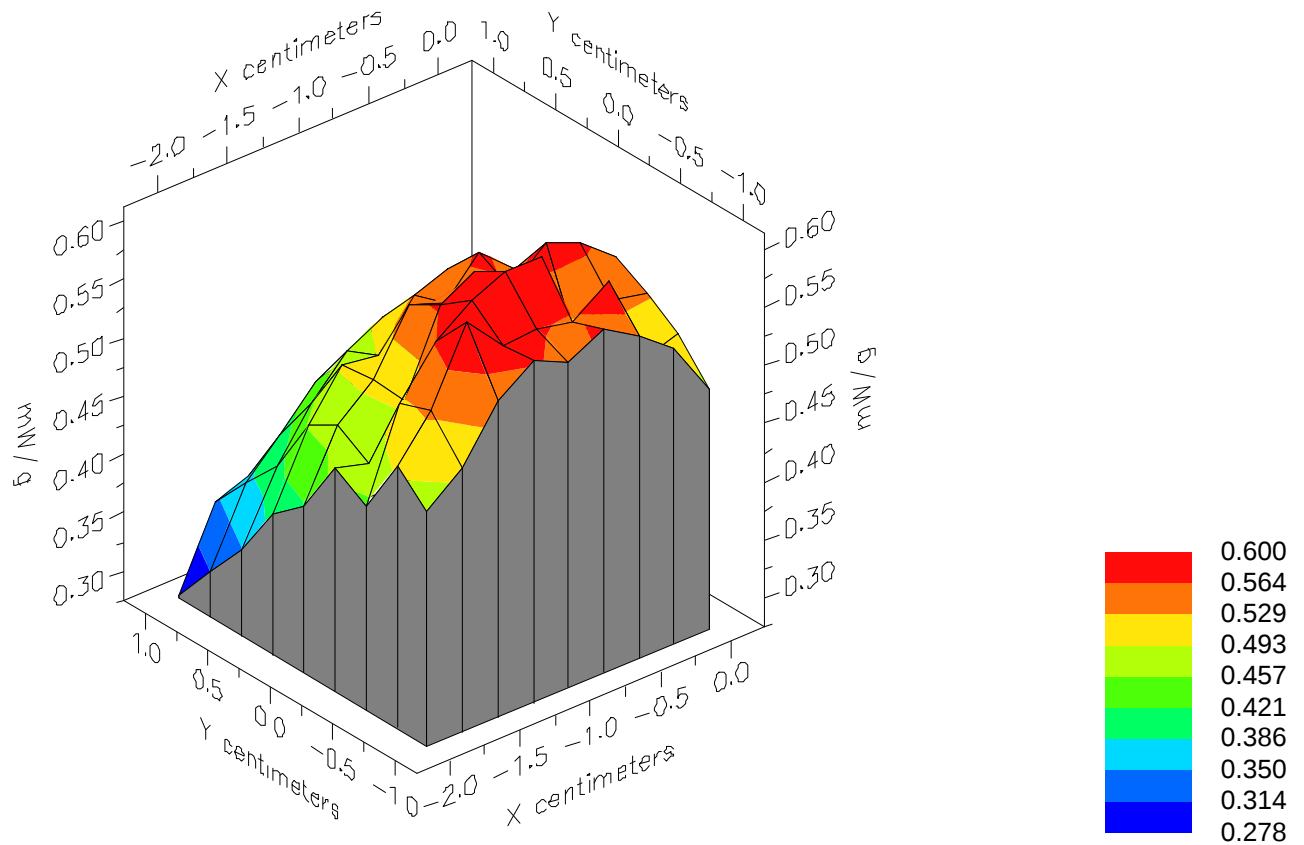


File : 01032813_ZOOM

Start : 28-Mar-101 03:23:32 pm End : 28-Mar-101 03:33:18 pm

SAMSUNG/SCH-N150/1;1851.25MHz;W;Helical/Out;

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

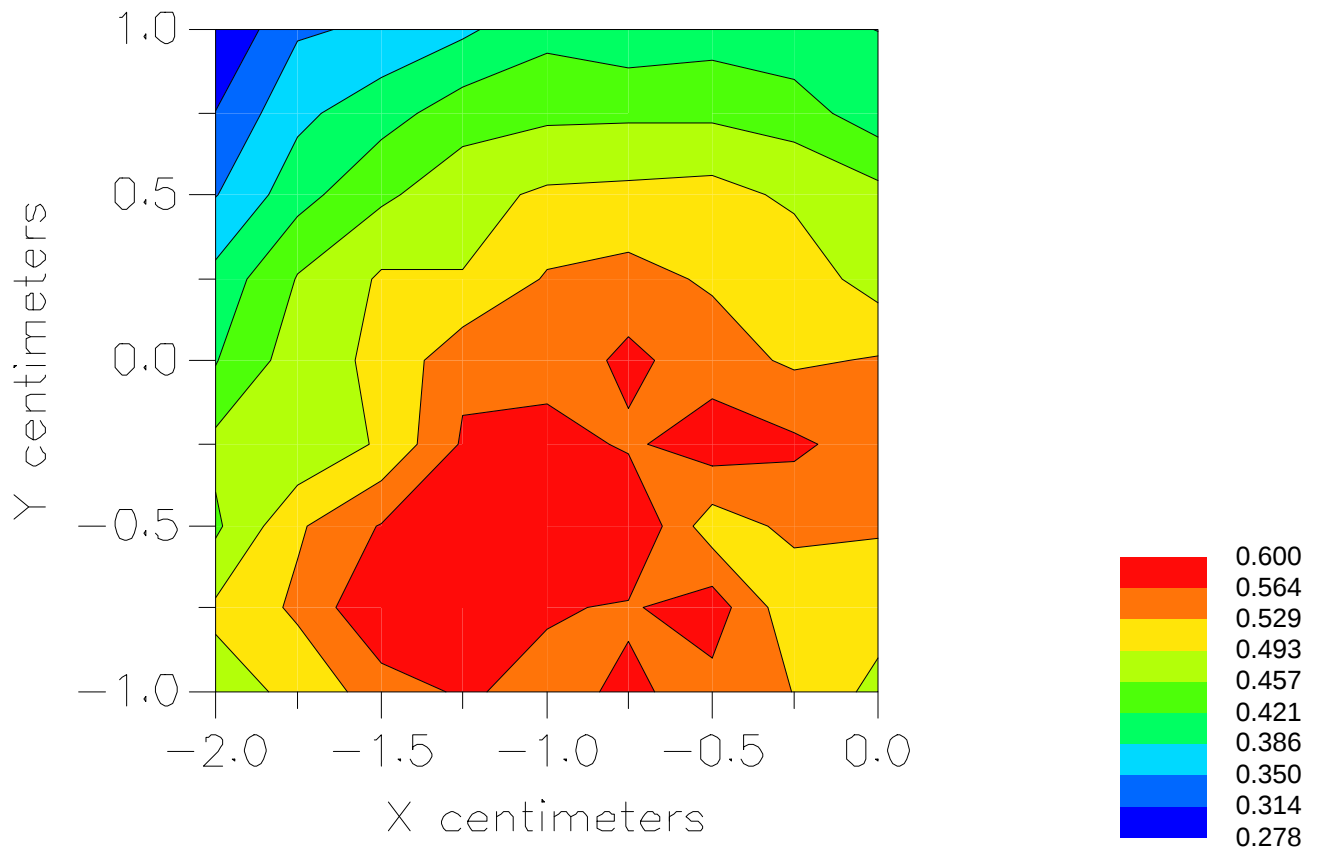


File : 01032813_ZOOM

Start : 28-Mar-101 03:23:32 pm End : 28-Mar-101 03:33:18 pm

SAMSUNG/SCH-N150/1;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/01032815_ZOOM.VLT
Start : 28-Mar-101 03:35:26 pm End : 28-Mar-101 03:45:01 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1880.00 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 = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 0600 Conducted 24.5 dBm
SAMSUNG 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 = -1.500, Y = -0.750, Z = 0.000 (cm) Value = 4.902

Measured Values (volts) =
4.408E-003 3.013E-003 2.075E-003 1.473E-003 1.071E-003 8.149E-004
5.476E-004 3.990E-004 2.219E-004 1.554E-004 1.128E-004 6.462E-005
5.439E-005 2.374E-005 0.000E+000 0.000E+000 2.820E-006 0.000E+000
0.000E+000 0.000E+000 0.000E+000

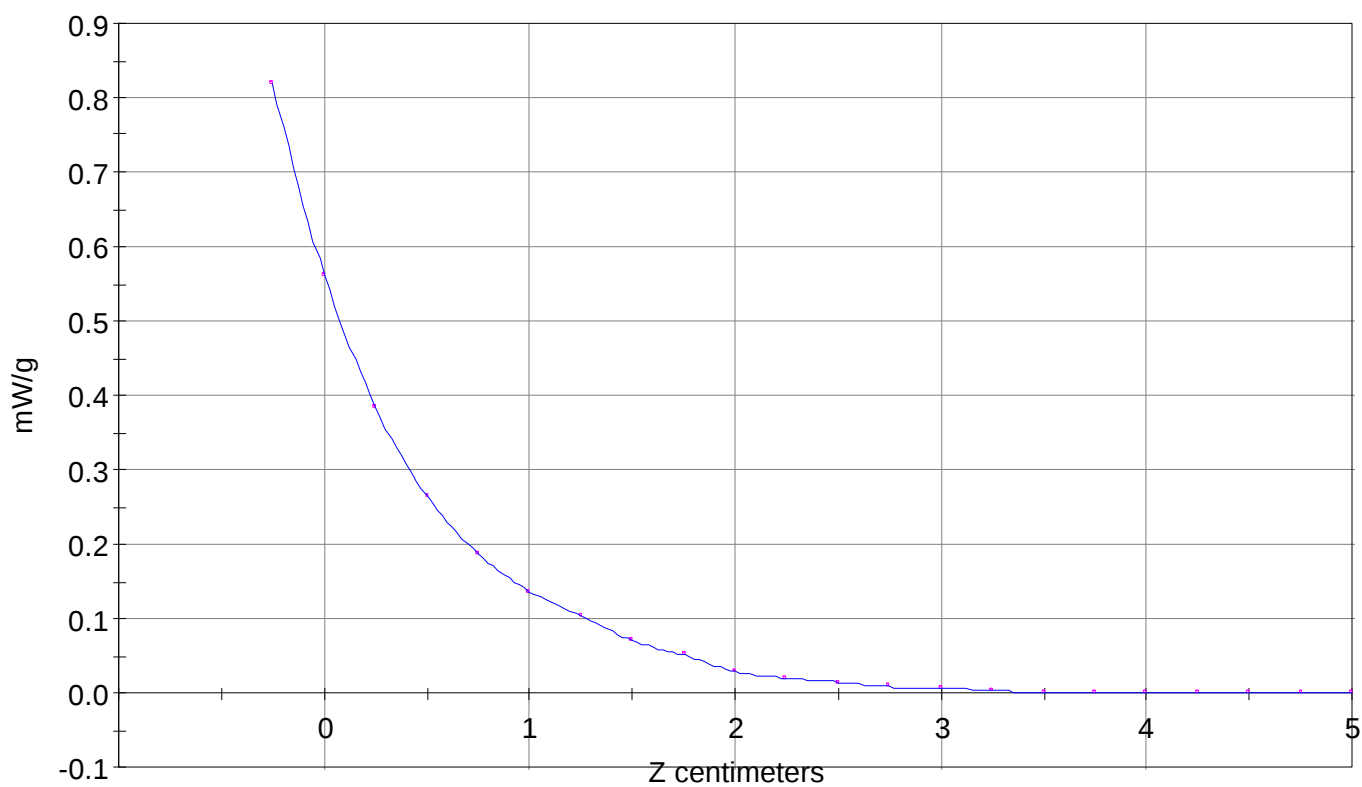
Calc. Voltage @ Surface (Vs) = 0.0064

Voltage @ 1.00 cm (Vt) = 0.0015

Ave. Voltage (Vs+Vt)/2 = 0.0039

Ave. SAR over 1 g (mW/g) = 0.5038

SAR Scan
File : 01032815_ZOOM
Start : 28-Mar-10 03:35:26 pm End : 28-Mar-10 03:45:01 pm
SAMSUNG/SCH-N150/1;1880.00MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 Degrees Muscle/54.200/1.850

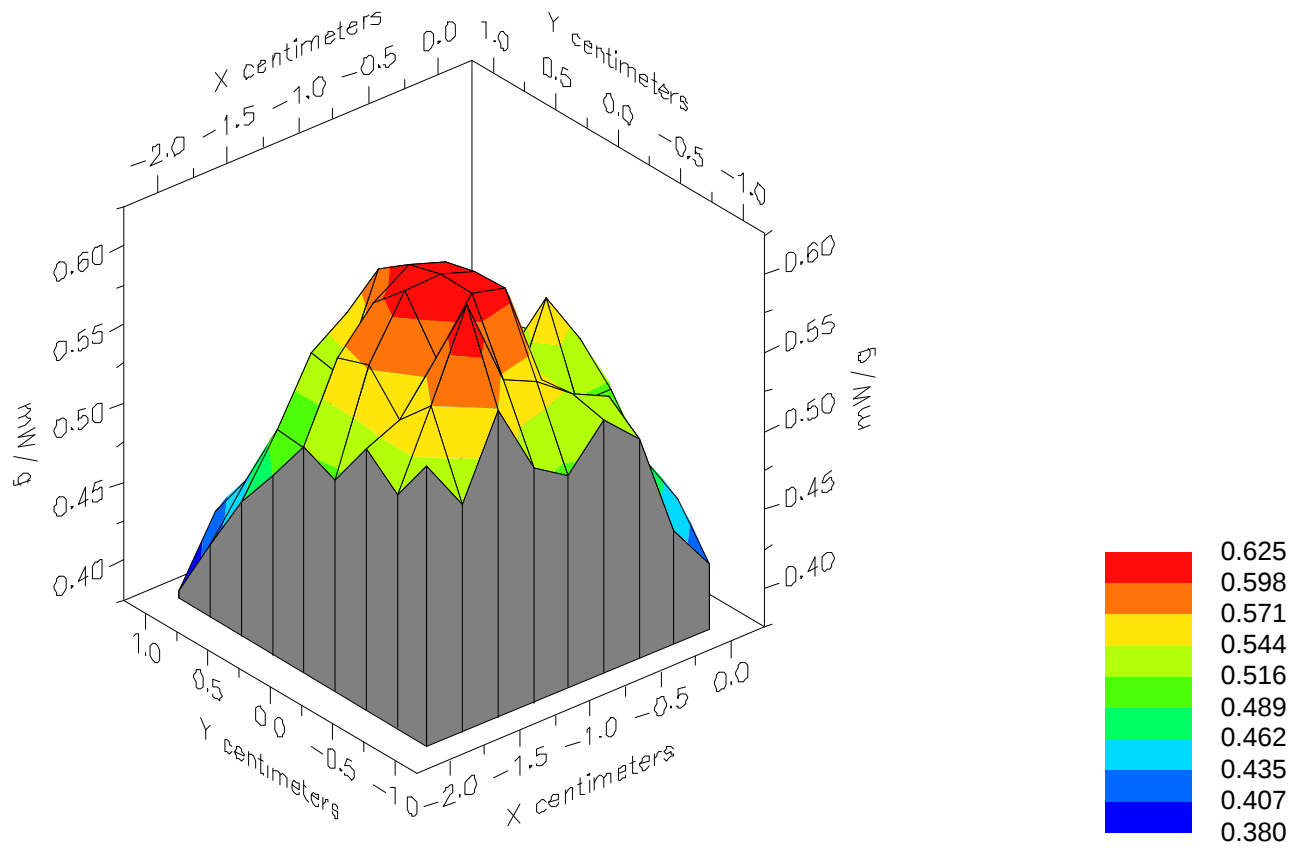


File : 01032815_ZOOM

Start : 28-Mar-101 03:35:26 pm End : 28-Mar-101 03:45:01 pm

SAMSUNG/SCH-N150/1;1880.00MHz;W;Helical/In;

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

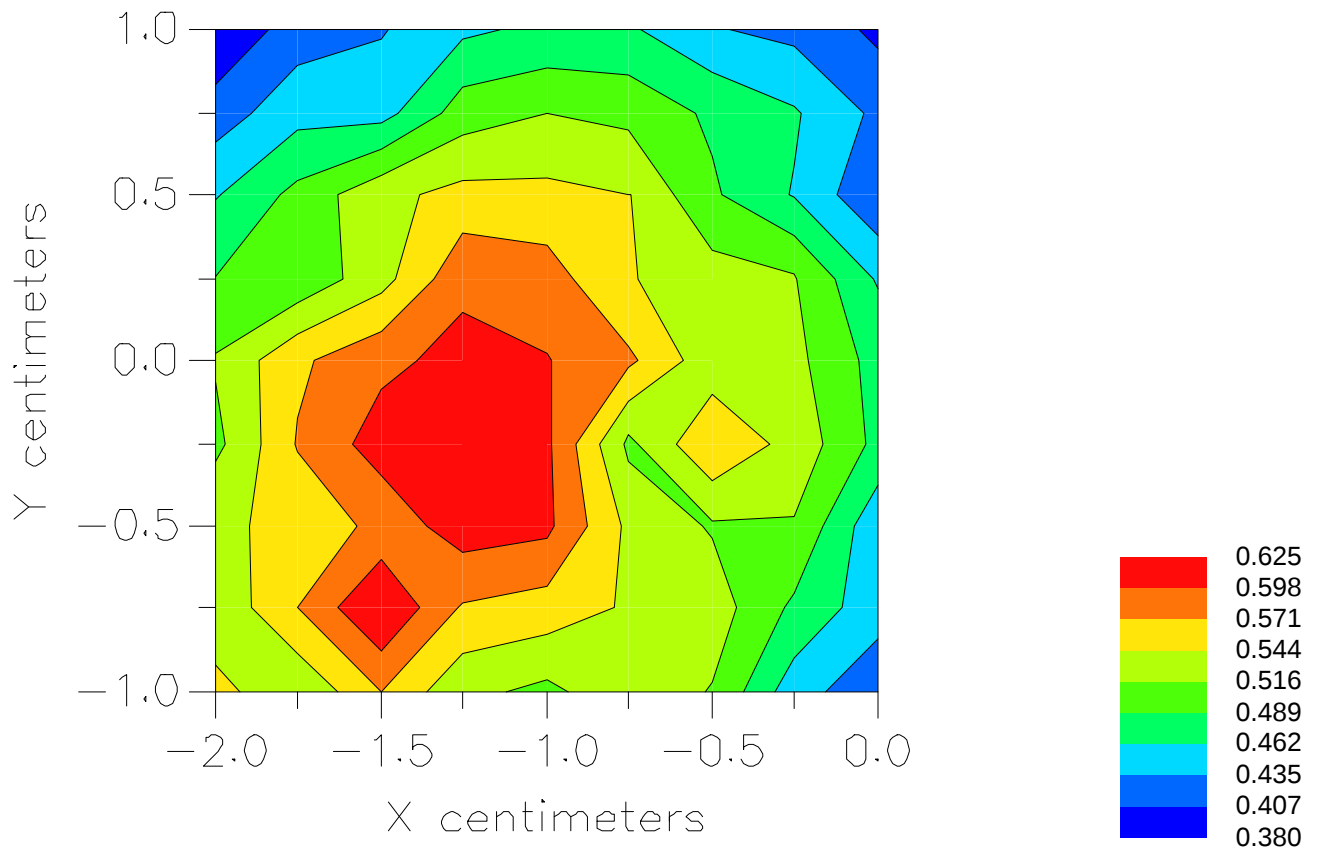


File : 01032815_ZOOM

Start : 28-Mar-101 03:35:26 pm End : 28-Mar-101 03:45:01 pm

SAMSUNG/SCH-N150/1;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/01032816_ZOOM.VLT
Start : 28-Mar-101 03:47:35 pm End : 28-Mar-101 03:57:23 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1880.00 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 = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 0600 Conducted 24.5 dBm
SAMSUNG 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 = -1.500, Y = -0.750, Z = 0.000 (cm) Value = 3.868

Measured Values (volts) =
3.566E-003 2.425E-003 1.618E-003 1.100E-003 7.569E-004 5.977E-004
3.910E-004 2.571E-004 1.697E-004 8.189E-005 7.167E-005 4.328E-005
1.748E-005 7.120E-006 2.397E-006 0.000E+000 1.459E-005 0.000E+000
0.000E+000 0.000E+000 0.000E+000

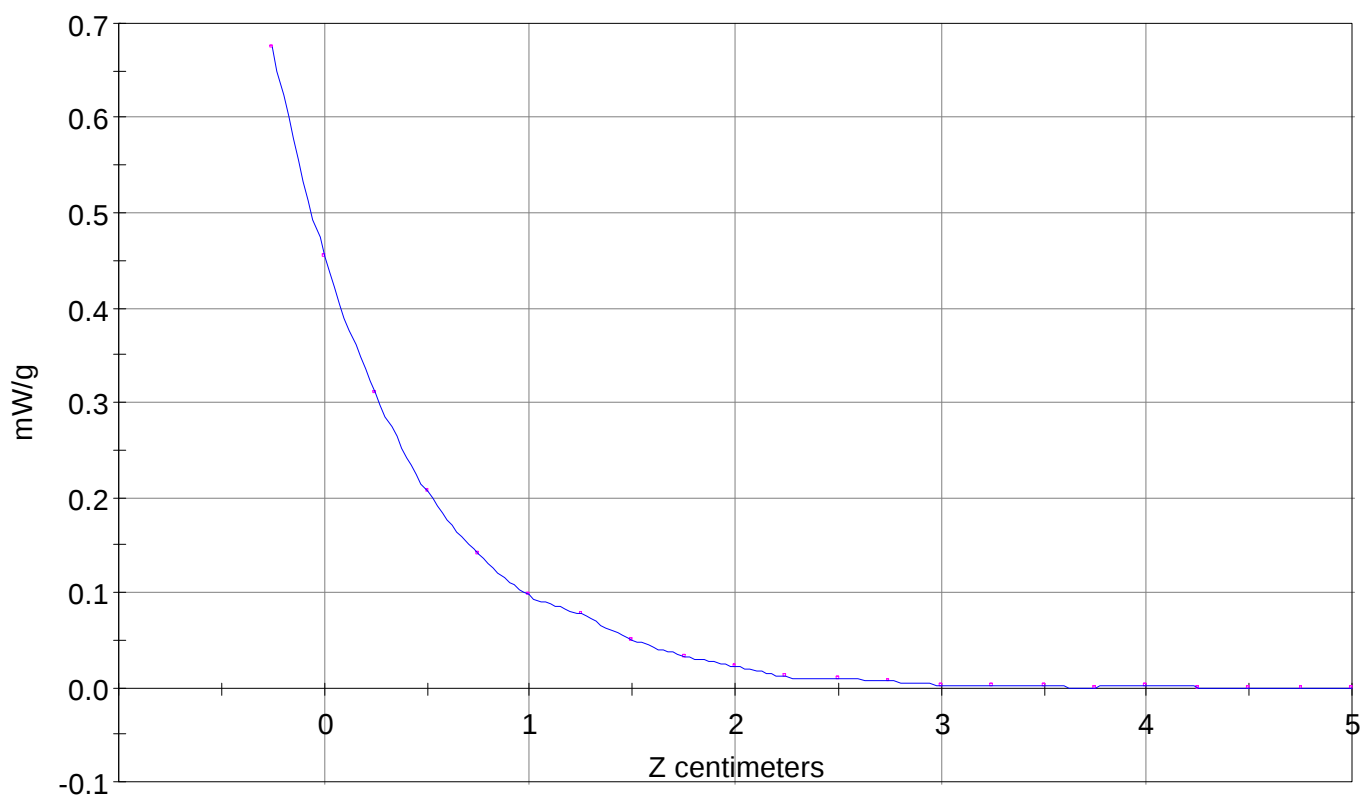
Calc. Voltage @ Surface (Vs) = 0.0053

Voltage @ 1.00 cm (Vt) = 0.0011

Ave. Voltage (Vs+Vt)/2 = 0.0032

Ave. SAR over 1 g (mW/g) = 0.4079

SAR Scan
File : 01032816_ZOOM
Start : 28-Mar-101 03:47:35 pm End : 28-Mar-101 03:57:23 pm
SAMSUNG/SCH-N150/1;1880.00MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

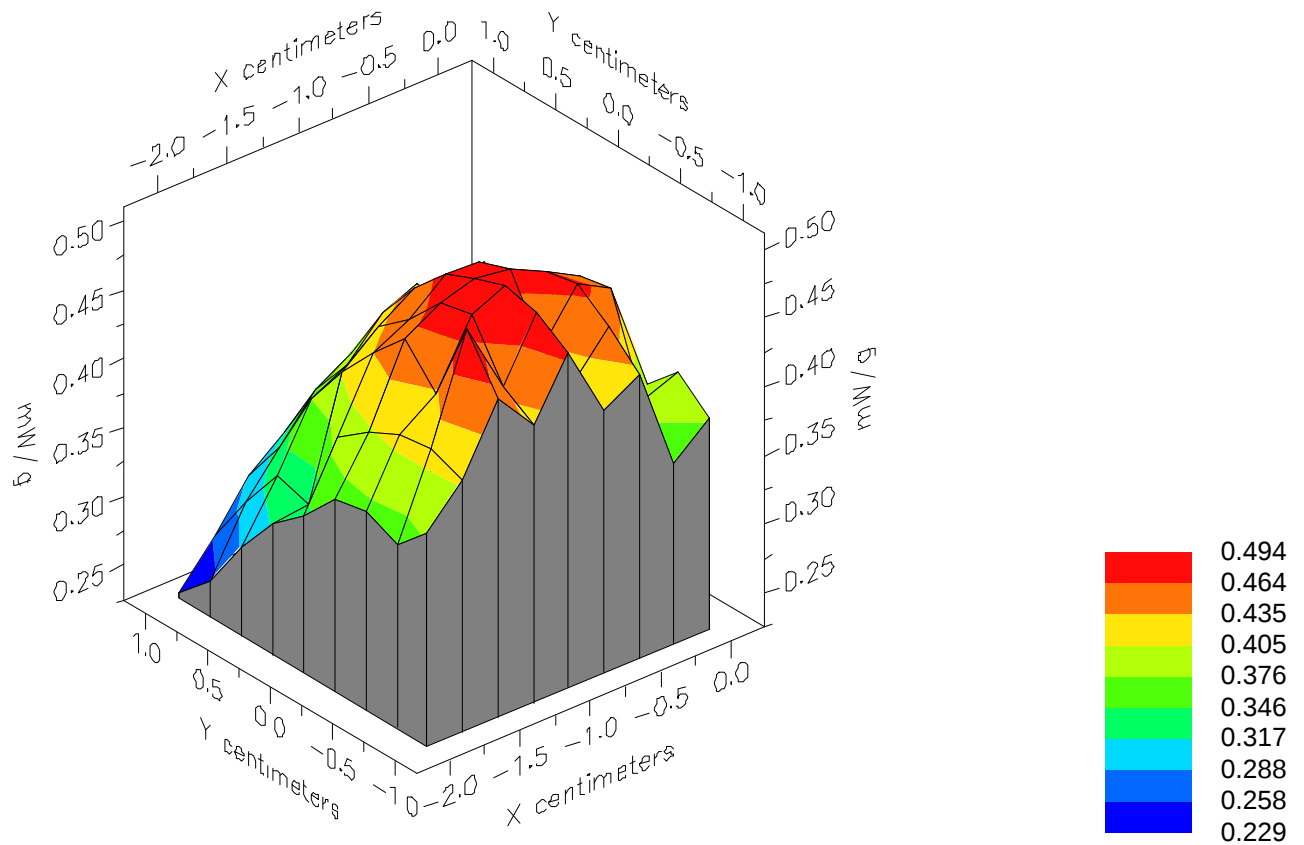


File : 01032816_ZOOM

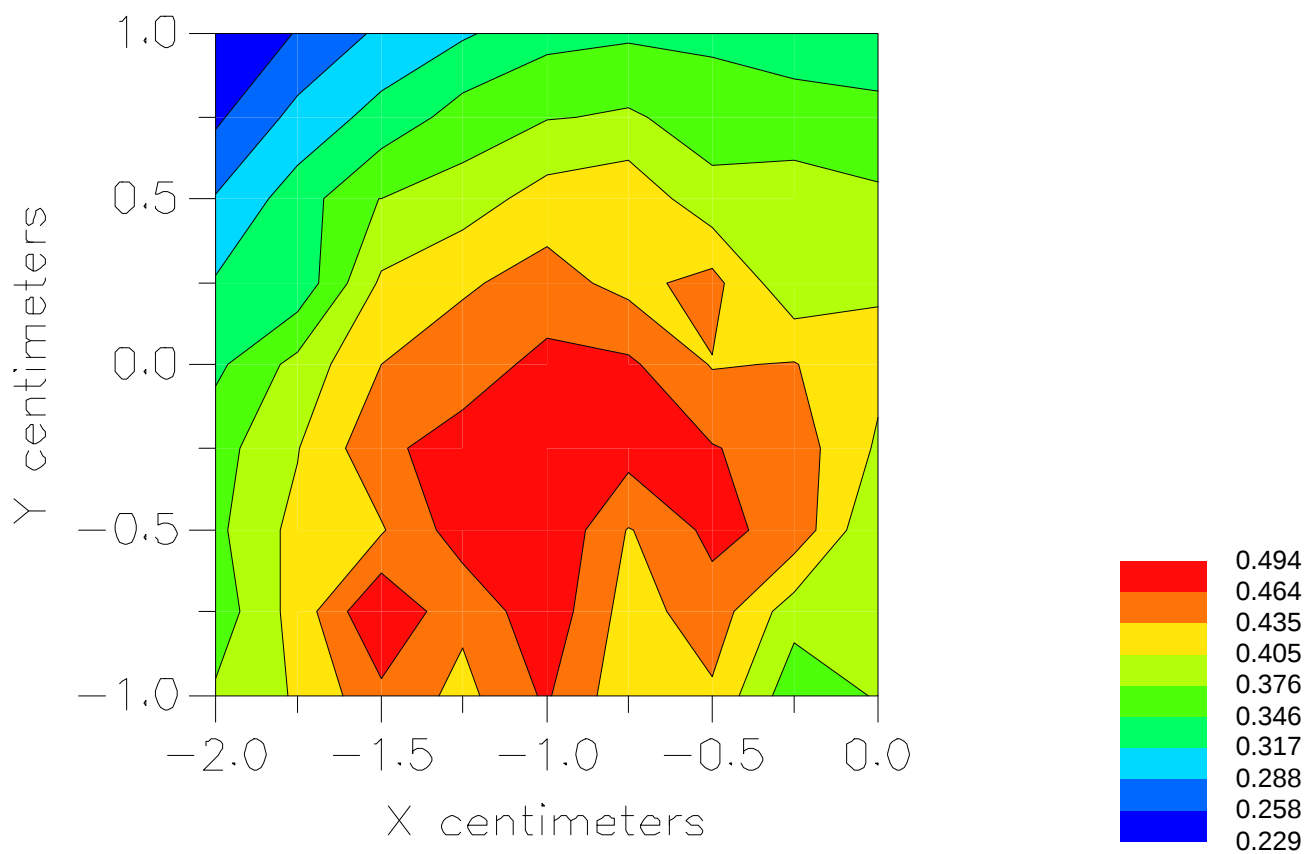
Start : 28-Mar-101 03:47:35 pm End : 28-Mar-101 03:57:23 pm

SAMSUNG/SCH-N150/1;1880.00MHz;W;Helical/Out;

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



File : 01032816_ZOOM
Start : 28-Mar-101 03:47:35 pm End : 28-Mar-101 03:57:23 pm
SAMSUNG/SCH-N150/1;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/01032817_ZOOM.VLT
Start : 28-Mar-101 04:01:23 pm End : 28-Mar-101 04:11:08 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1908.75 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 = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 1175 Conducted 24.5 dBm
SAMSUNG 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 = -1.500, Z = 0.000 (cm) Value = 5.495

Measured Values (volts) =
4.366E-003 2.862E-003 1.960E-003 1.353E-003 9.385E-004 6.709E-004
5.164E-004 3.543E-004 2.442E-004 1.574E-004 6.724E-005 6.040E-005
4.723E-006 6.133E-006 0.000E+000 2.129E-005 9.164E-007 2.608E-006
0.000E+000 0.000E+000 0.000E+000

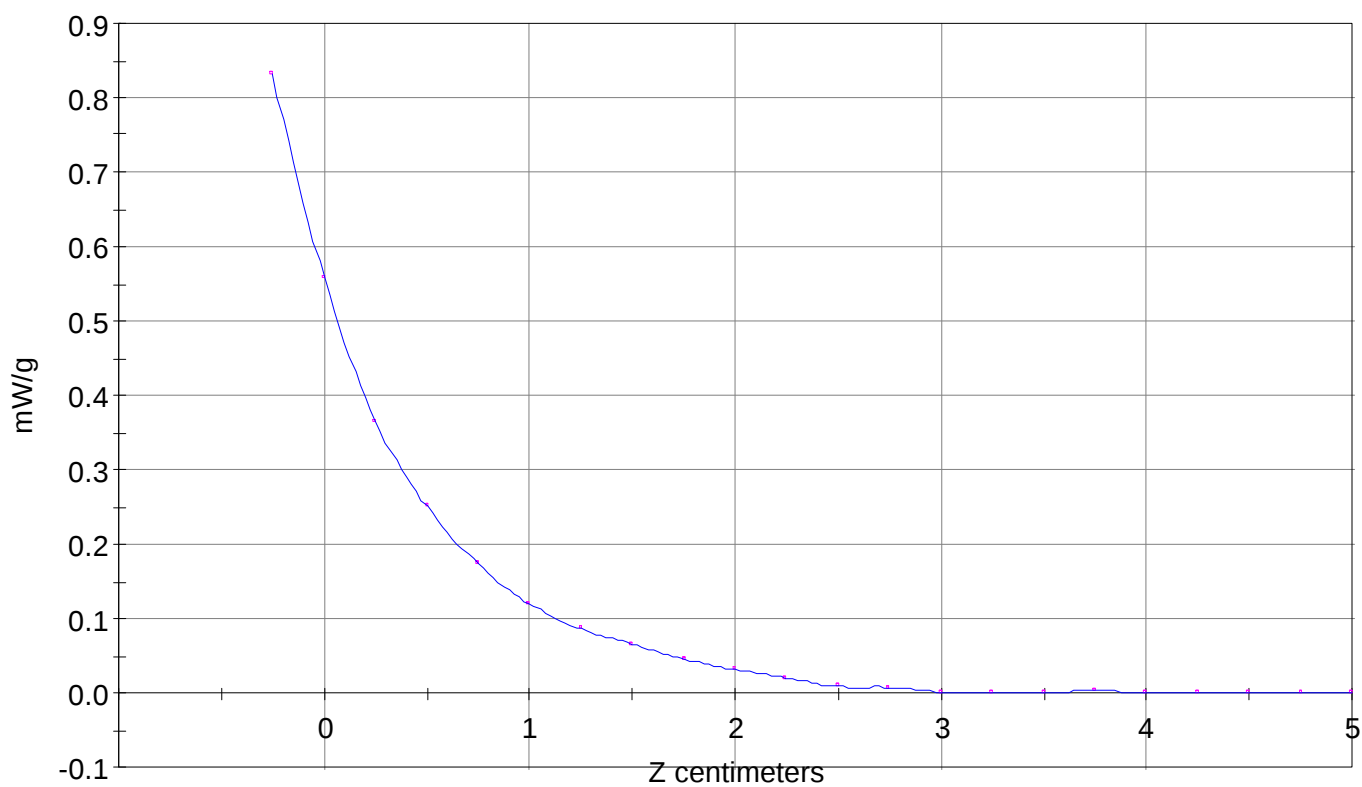
Calc. Voltage @ Surface (Vs) = 0.0065

Voltage @ 1.00 cm (Vt) = 0.0014

Ave. Voltage (Vs+Vt)/2 = 0.0039

Ave. SAR over 1 g (mW/g) = 0.5022

SAR Scan
File : 01032817_ZOOM
Start : 28-Mar-101 04:01:23 pm End : 28-Mar-101 04:11:08 pm
SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

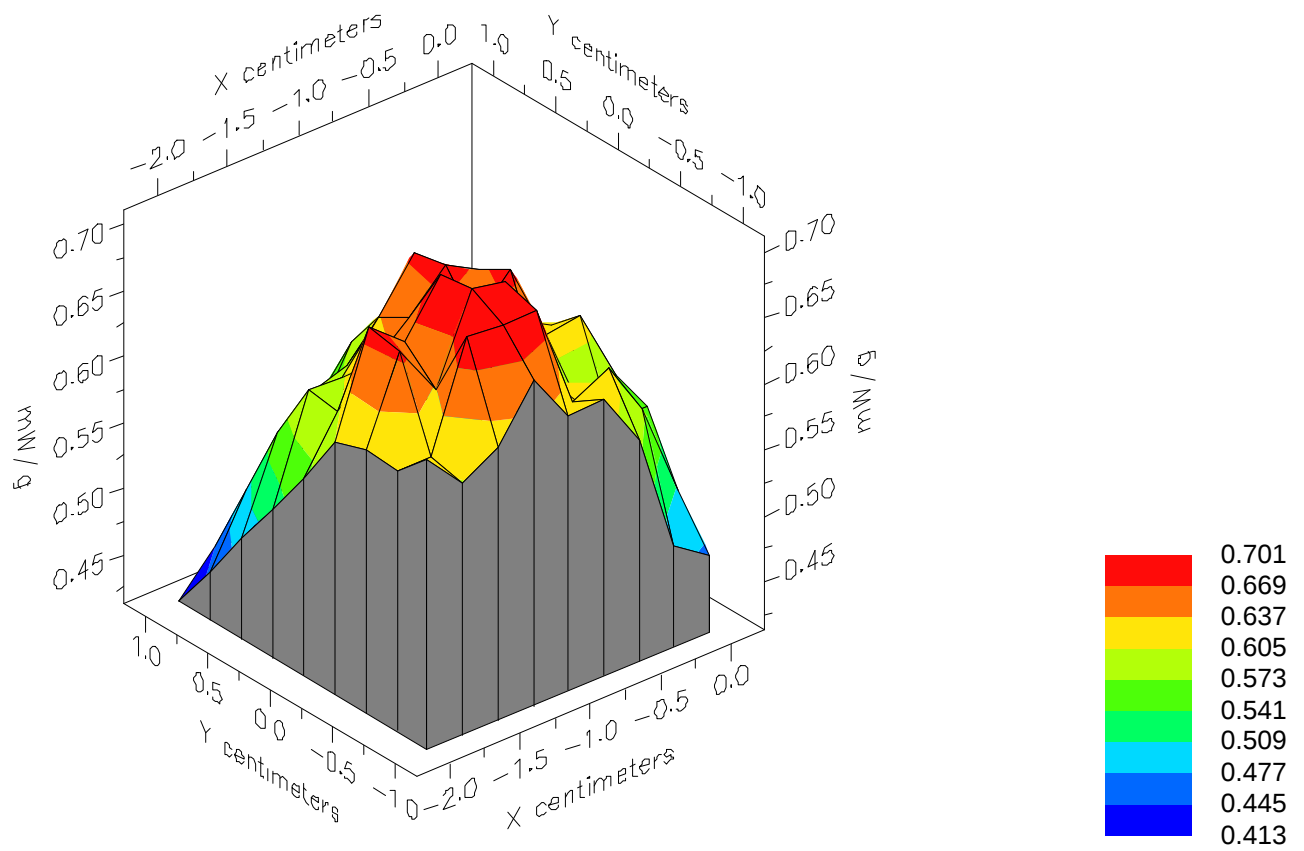


File : 01032817_ZOOM

Start : 28-Mar-101 04:01:23 pm End : 28-Mar-101 04:11:08 pm

SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/In;

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

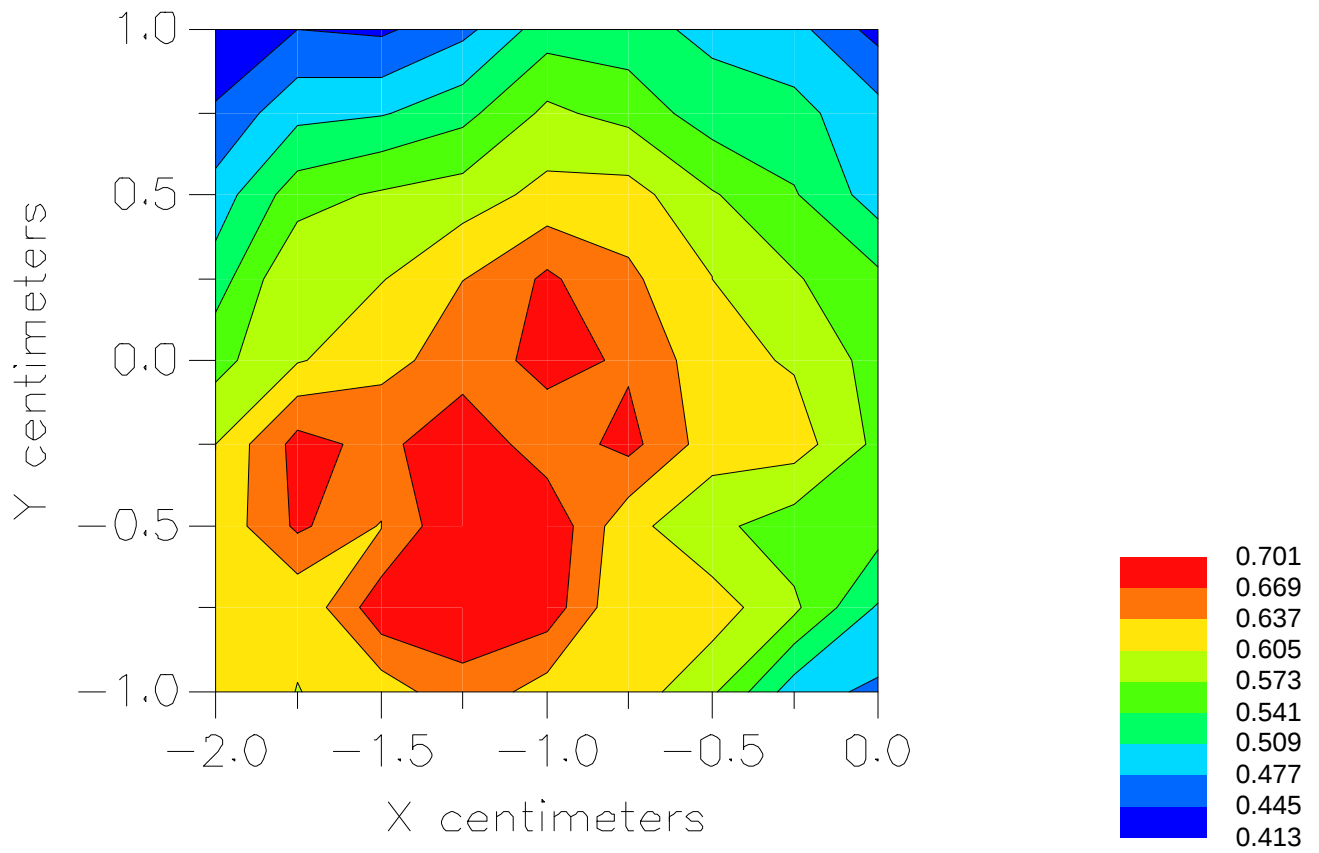


File : 01032817_ZOOM

Start : 28-Mar-101 04:01:23 pm End : 28-Mar-101 04:11:08 pm

SAMSUNG/SCH-N150/1;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/01032818_ZOOM.VLT
Start : 28-Mar-101 04:13:09 pm End : 28-Mar-101 04:23:13 pm

Radio Type : SAMSUNG
Model Number : SCH-N150
Serial Number : 1
Frequency : 1908.75 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 = 54.200
Mixture Conductivity = 1.850

Comment :
SAMSUNG TRI-MODE PHONE - PCS MODE
CHAN 1175 Conducted 24.5 dBm
SAMSUNG 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 = -1.500, Y = -0.750, Z = 0.000 (cm) Value = 5.288

Measured Values (volts) =
5.118E-003 3.116E-003 2.232E-003 1.539E-003 1.071E-003 8.230E-004
5.166E-004 4.443E-004 2.387E-004 1.411E-004 1.917E-004 6.042E-005
2.364E-004 6.638E-005 2.742E-005 4.653E-006 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

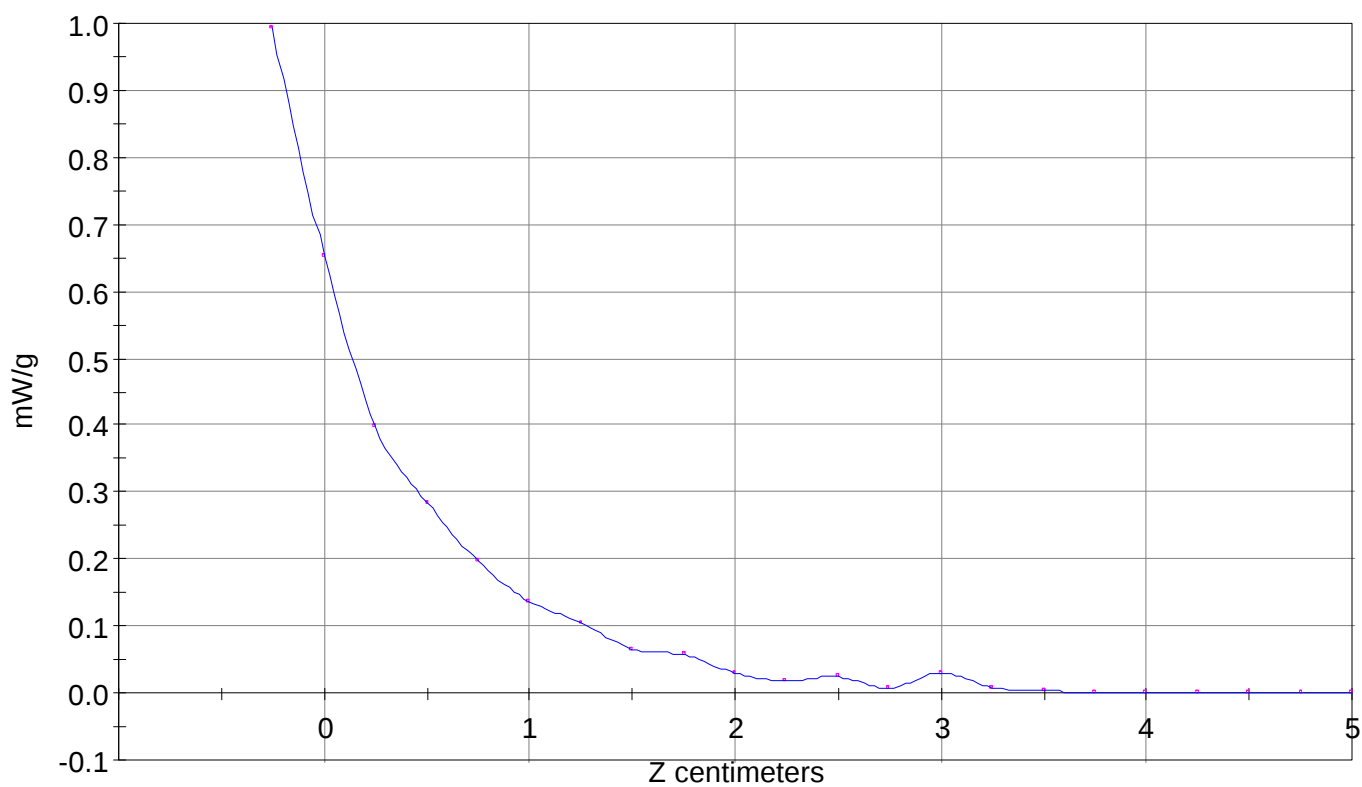
Calc. Voltage @ Surface (Vs) = 0.0078

Voltage @ 1.00 cm (Vt) = 0.0015

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

Ave. SAR over 1 g (mW/g) = 0.5943

SAR Scan
File : 01032818_ZOOM
Start : 28-Mar-101 04:13:09 pm End : 28-Mar-101 04:23:13 pm
SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

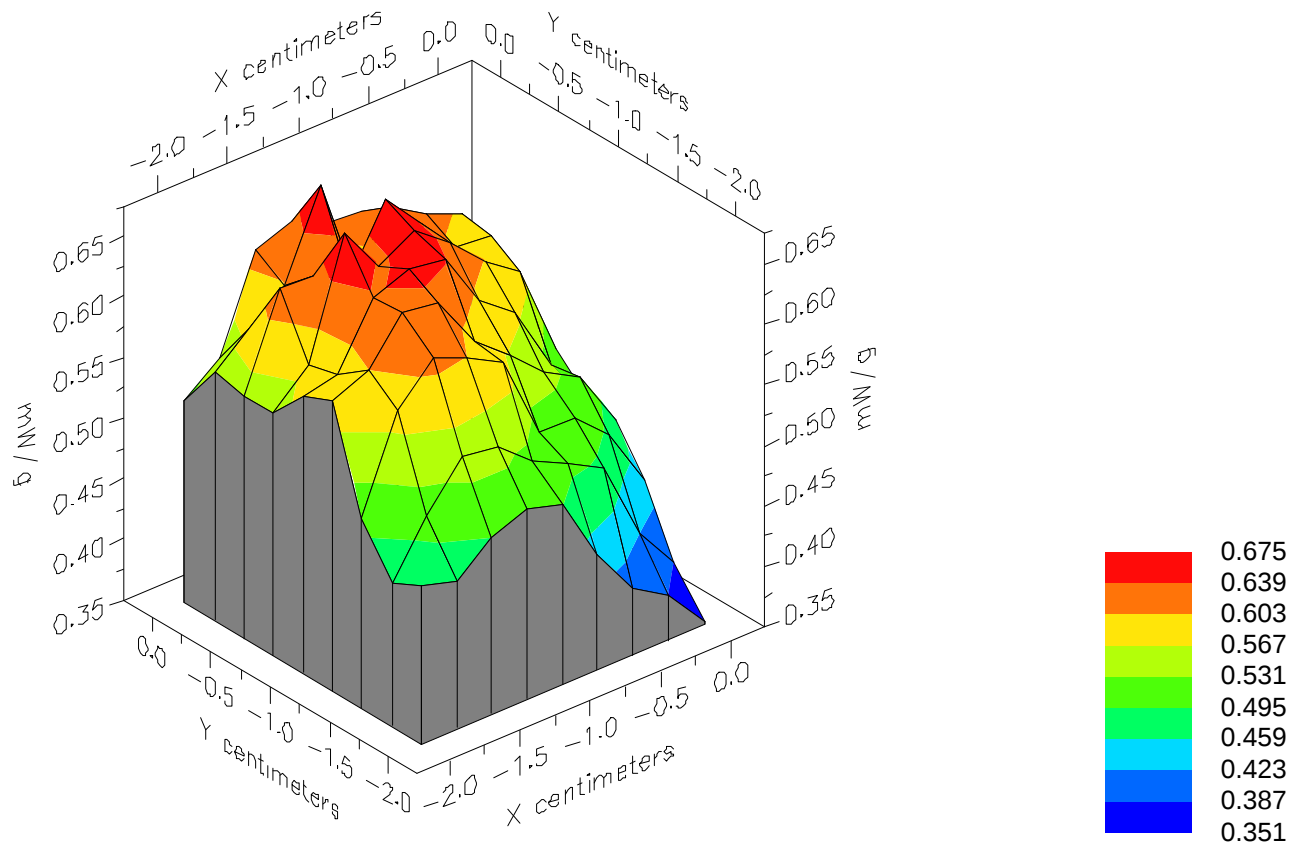


File : 01032818_ZOOM

Start : 28-Mar-101 04:13:09 pm End : 28-Mar-101 04:23:13 pm

SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/Out;

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



File : 01032818_ZOOM

Start : 28-Mar-101 04:13:09 pm End : 28-Mar-101 04:23:13 pm

SAMSUNG/SCH-N150/1;1908.75MHz;W;Helical/Out;

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

