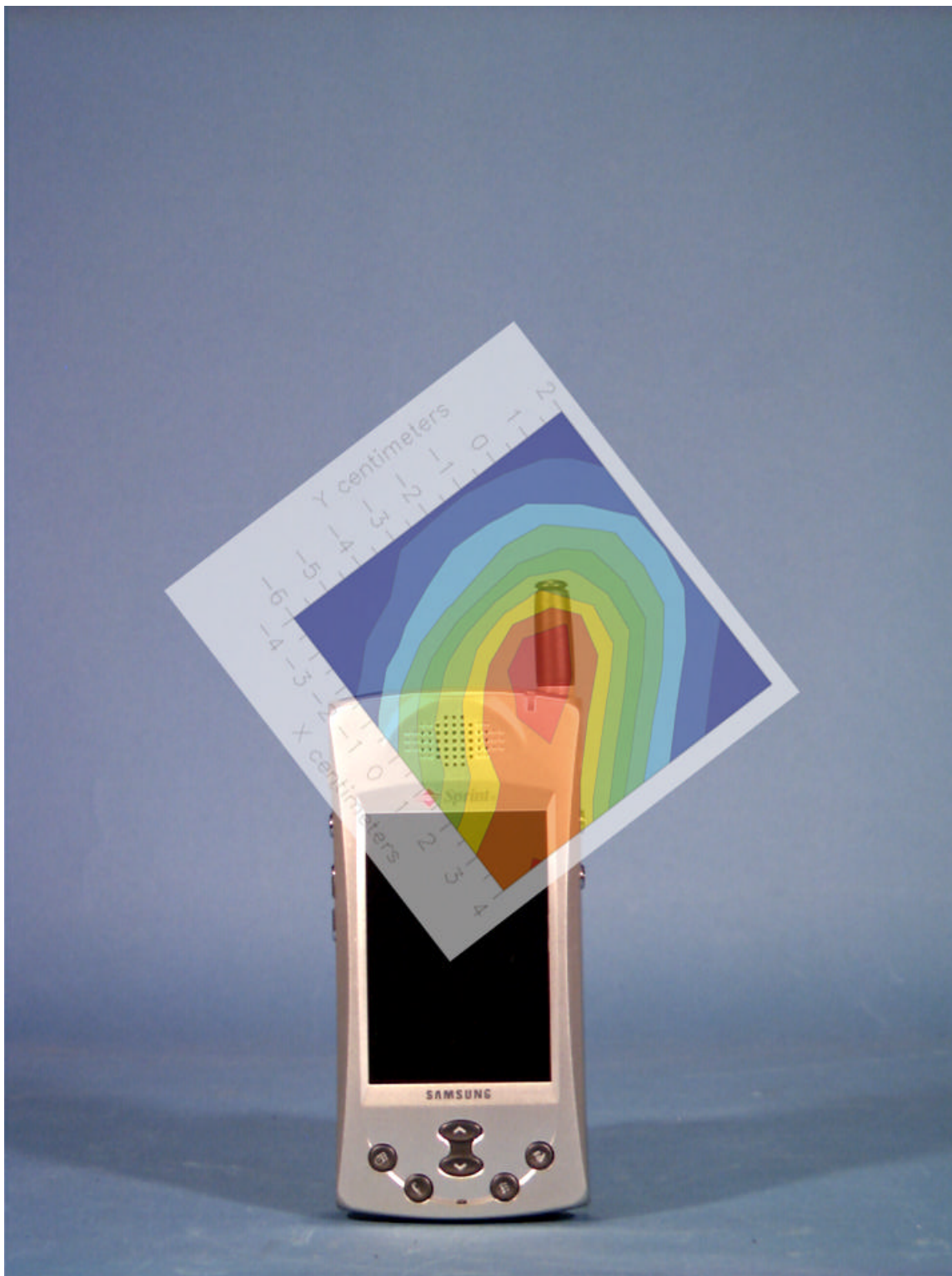


Peak SAR Location

800 MHz Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030205_ZOOM.VLT
Start : 2-Mar-101 10:37:30 am End : 2-Mar-101 10:46:38 am

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 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 26.5 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 = 0.000, Y = -2.500, Z = 0.000 (cm) Value = 18.890

Measured Values (volts) =
1.880E-002 1.519E-002 1.208E-002 9.475E-003 7.911E-003 6.942E-003
6.110E-003 5.675E-003 5.423E-003 5.174E-003 4.861E-003 4.428E-003
3.798E-003 3.023E-003 2.296E-003 1.625E-003 1.022E-003 6.830E-004
5.783E-004 7.161E-004 9.819E-004

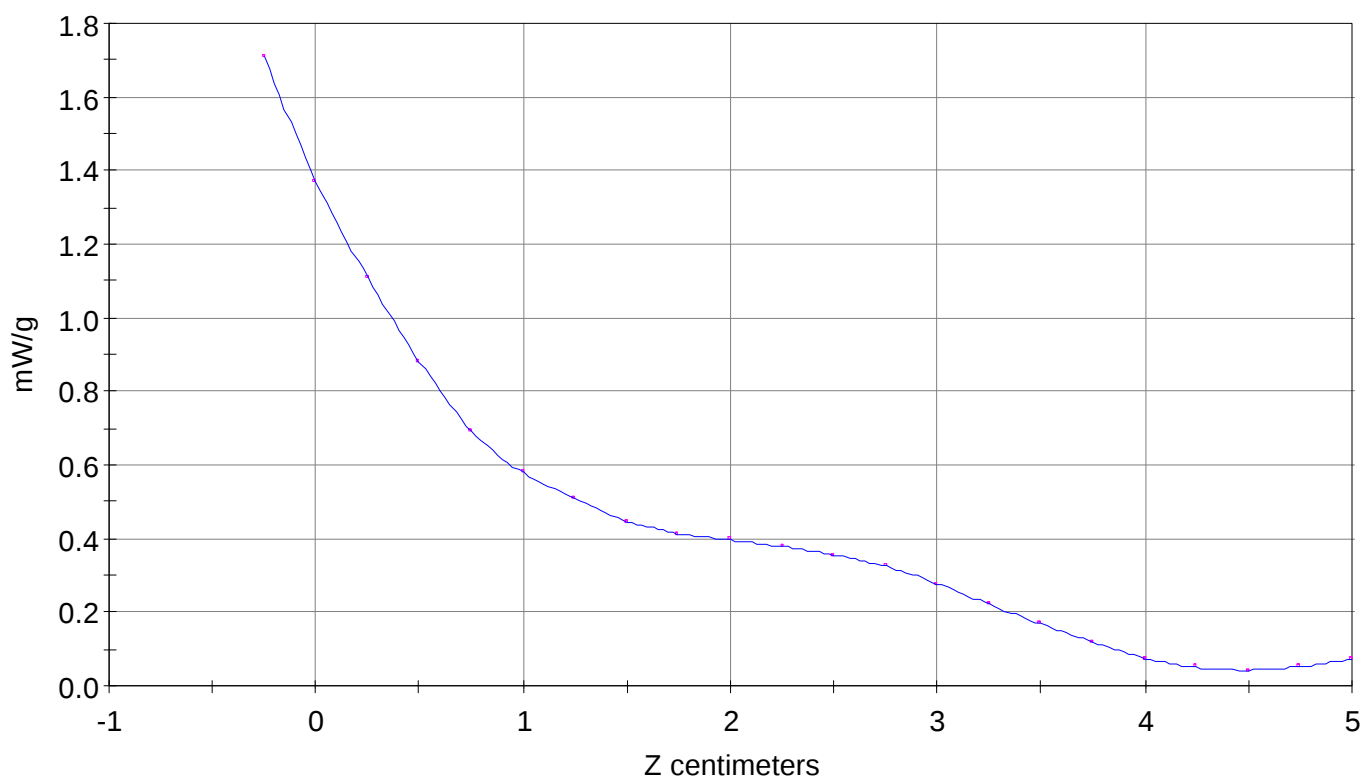
Calc. Voltage @ Surface (Vs) = 0.0234

Voltage @ 1.00 cm (Vt) = 0.0095

Ave. Voltage (Vs+Vt)/2 = 0.0165

Ave. SAR over 1 g (mW/g) = 1.2011

SAR Scan
File : 01030205_ZOOM
Start : 2-Mar-101 10:37:30 am End : 2-Mar-101 10:46:38 am
SAMSUNG/SCH-i300/1;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

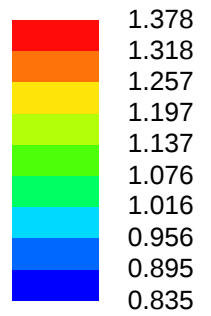
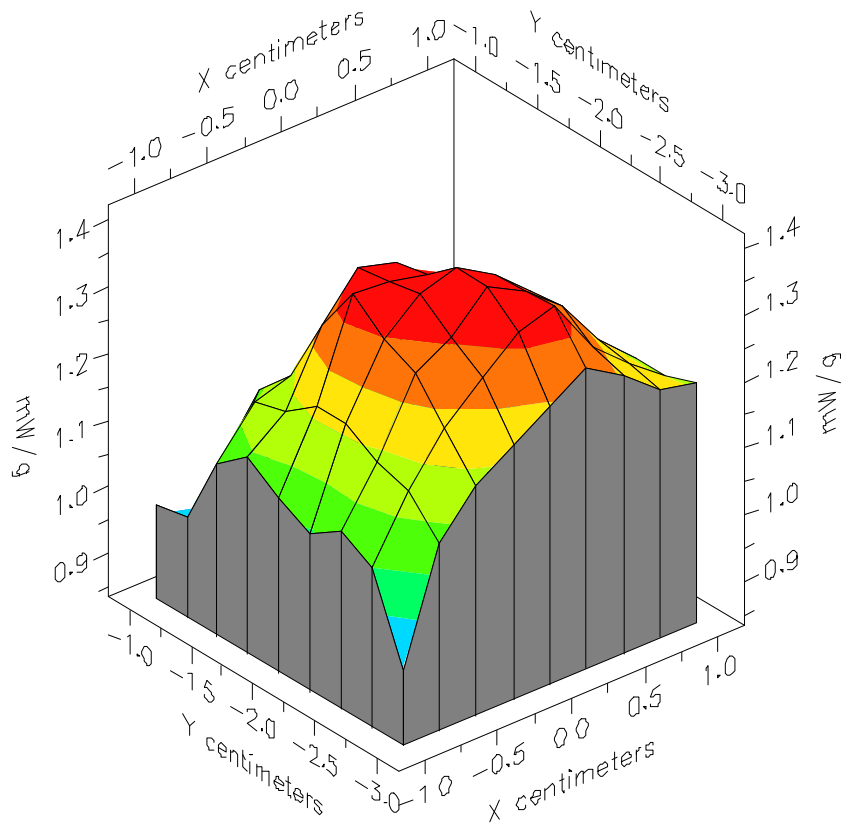


File : 01030205_ZOOM

Start : 2-Mar-101 10:37:30 am End : 2-Mar-101 10:46:38 am

SAMSUNG/SCH-i300/1;824.04MHz;W;Helical/In;

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

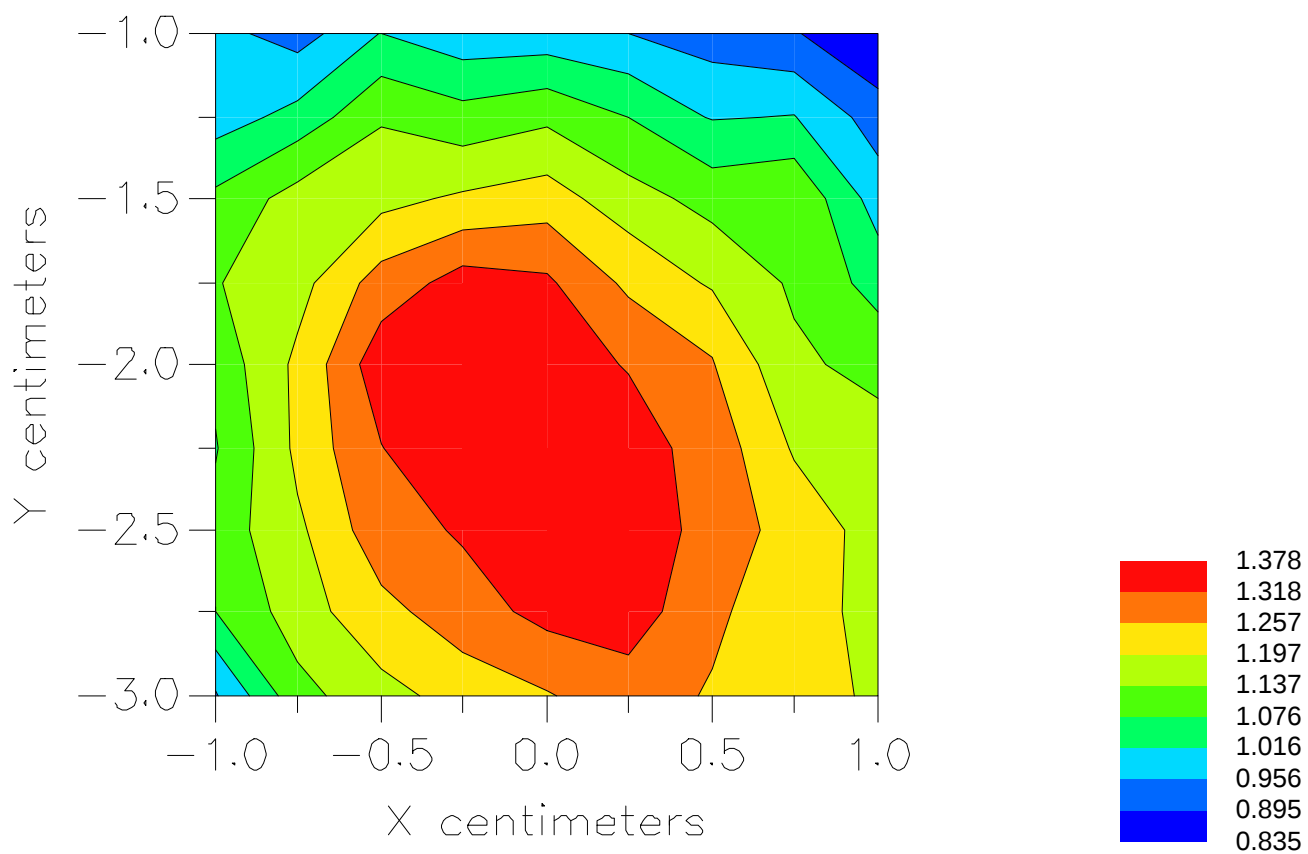


File : 01030205_ZOOM

Start : 2-Mar-101 10:37:30 am End : 2-Mar-101 10:46:38 am

SAMSUNG/SCH-i300/1;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/01030206_ZOOM.VLT
Start : 2-Mar-101 10:58:11 am End : 2-Mar-101 11:08:56 am

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 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 26.5 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 = -0.500, Y = -2.000, Z = 0.000 (cm) Value = 13.757

Measured Values (volts) =
1.352E-002 1.054E-002 8.304E-003 6.687E-003 5.316E-003 4.533E-003
3.910E-003 3.589E-003 3.433E-003 3.367E-003 3.247E-003 3.034E-003
2.786E-003 2.282E-003 1.818E-003 1.264E-003 7.799E-004 4.471E-004
2.976E-004 3.320E-004 4.639E-004

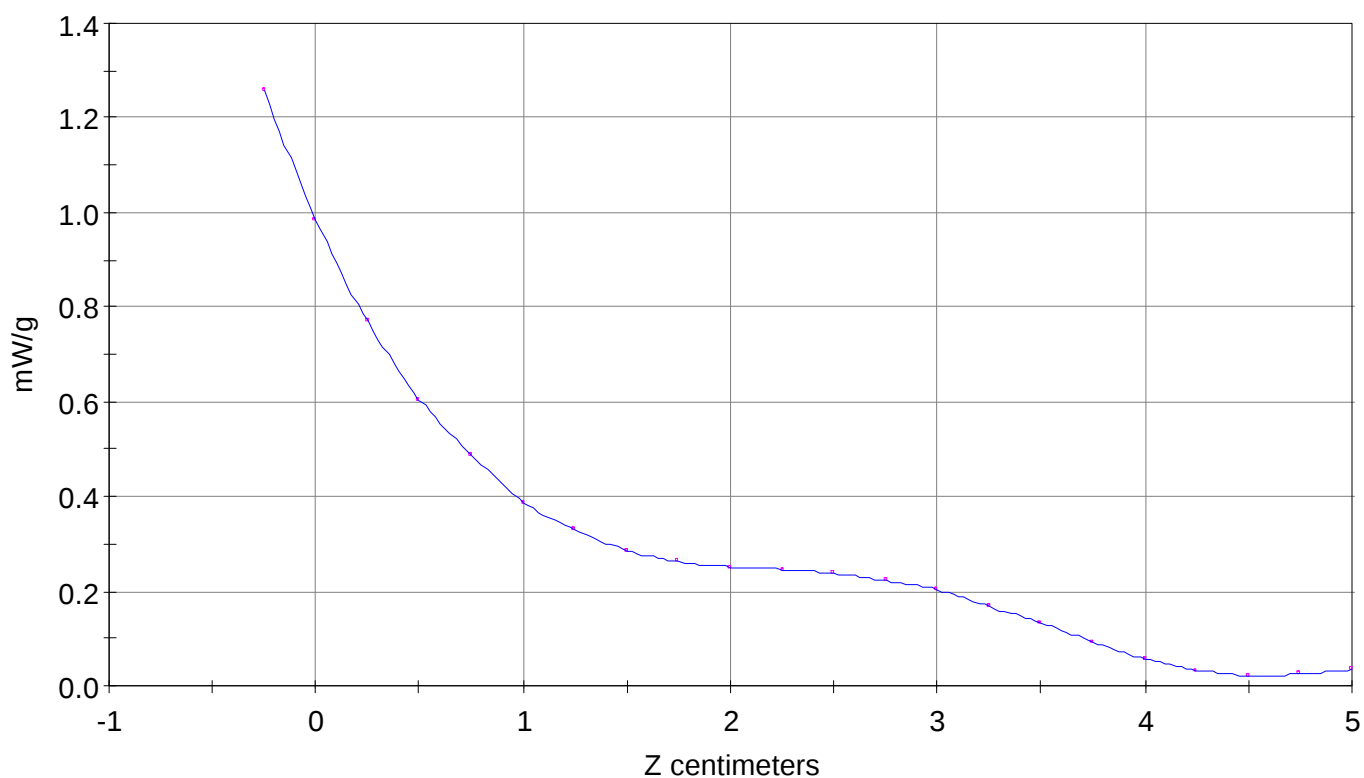
Calc. Voltage @ Surface (Vs) = 0.0172

Voltage @ 1.00 cm (Vt) = 0.0067

Ave. Voltage (Vs+Vt)/2 = 0.0120

Ave. SAR over 1 g (mW/g) = 0.8731

SAR Scan
File : 01030206_ZOOM
Start : 2-Mar-101 10:58:11 am End : 2-Mar-101 11:08:56 am
SAMSUNG/SCH-i300/1;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

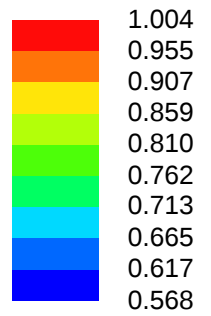
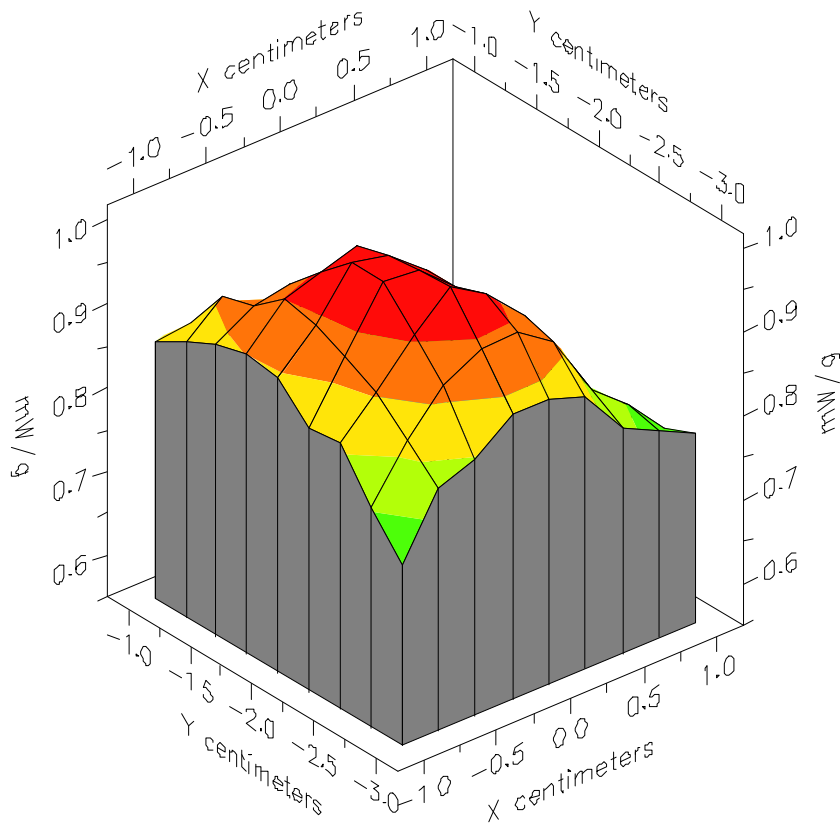


File : 01030206_ZOOM

Start : 2-Mar-101 10:58:11 am End : 2-Mar-101 11:08:56 am

SAMSUNG/SCH-i300/1;824.04MHz;W;Helical/Out;

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

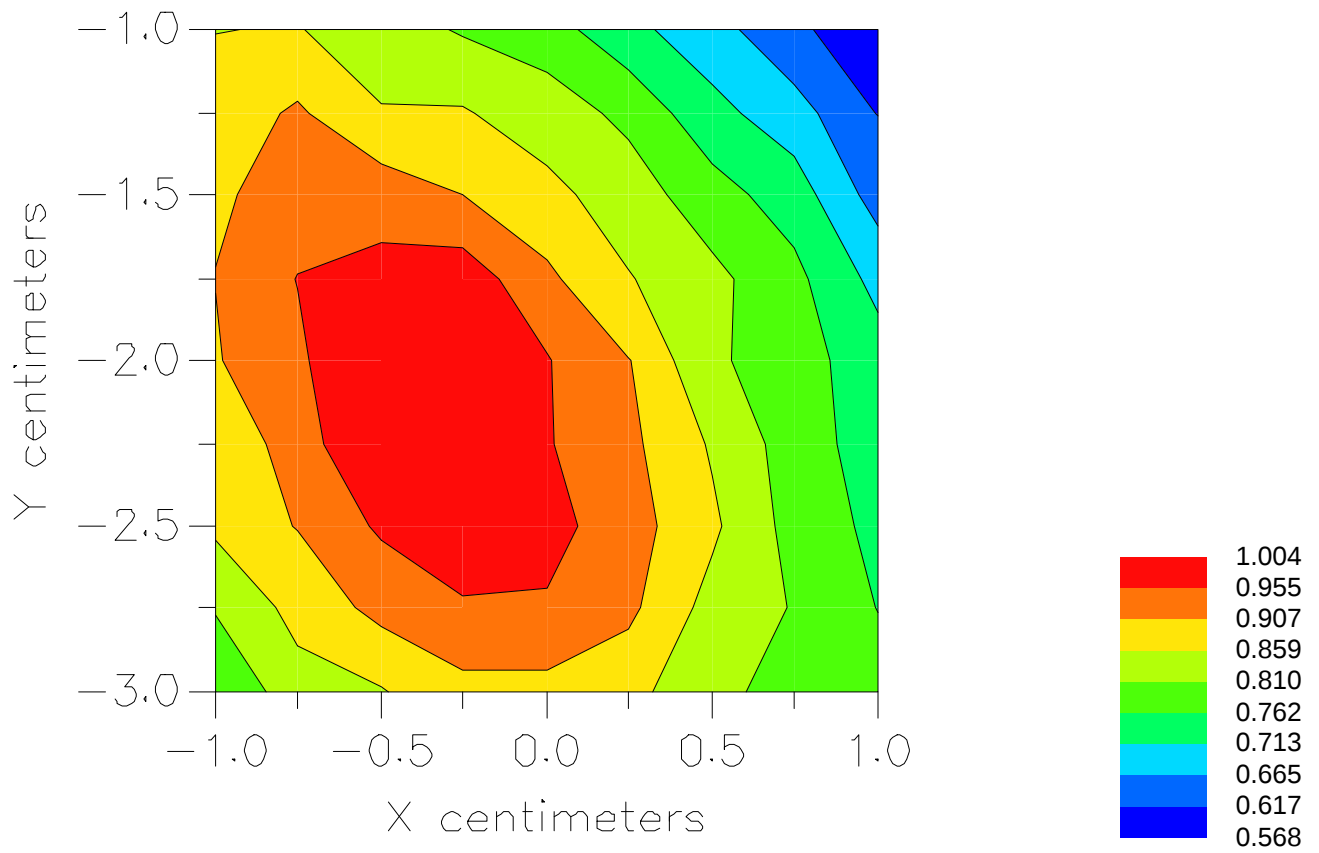


File : 01030206_ZOOM

Start : 2-Mar-101 10:58:11 am End : 2-Mar-101 11:08:56 am

SAMSUNG/SCH-i300/1;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/01030202_ZOOM.VLT
Start : 2-Mar-101 10:03:46 am End : 2-Mar-101 10:14:26 am

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 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 26.5 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 = 0.000, Y = -2.500, Z = 0.000 (cm) Value = 16.823

Measured Values (volts) =
1.661E-002 1.346E-002 1.076E-002 8.572E-003 6.992E-003 6.099E-003
5.232E-003 4.904E-003 4.593E-003 4.341E-003 4.077E-003 3.716E-003
3.207E-003 2.582E-003 2.010E-003 1.484E-003 9.204E-004 5.973E-004
5.469E-004 6.199E-004 8.092E-004

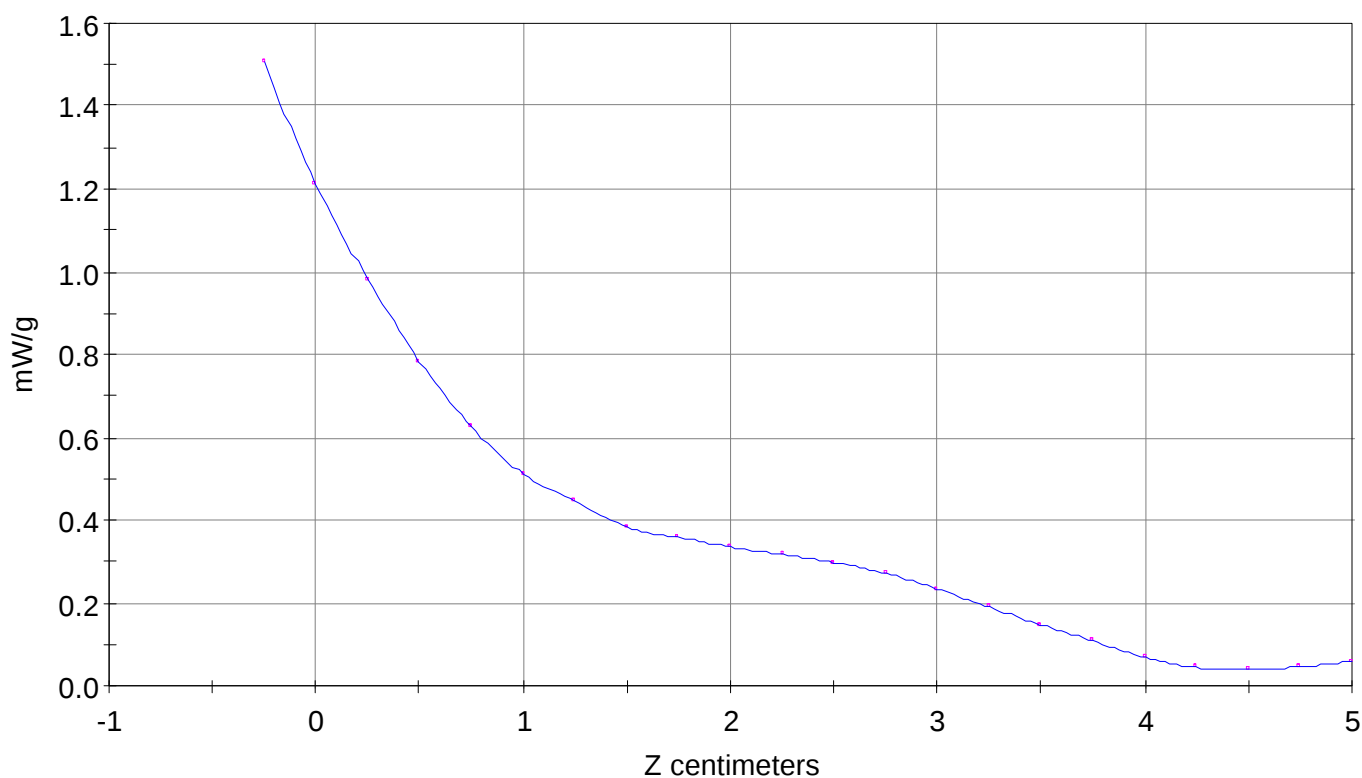
Calc. Voltage @ Surface (Vs) = 0.0206

Voltage @ 1.00 cm (Vt) = 0.0086

Ave. Voltage (Vs+Vt)/2 = 0.0146

Ave. SAR over 1 g (mW/g) = 1.0656

SAR Scan
File : 01030202_ZOOM
Start : 2-Mar-10 10:03:46 am End : 2-Mar-10 10:14:26 am
SAMSUNG/SCH-i300/1;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 Degrees Brain/41.500/0.900

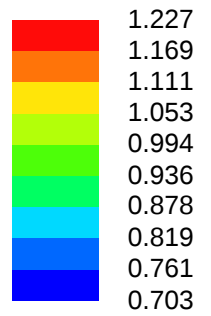
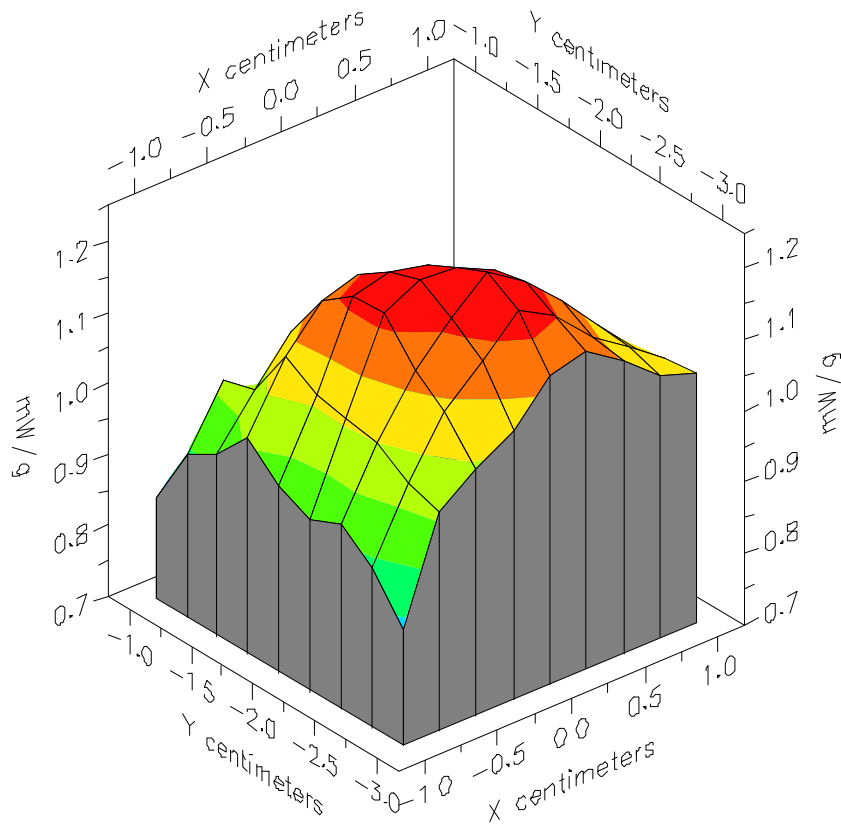


File : 01030202_ZOOM

Start : 2-Mar-101 10:03:46 am End : 2-Mar-101 10:14:26 am

SAMSUNG/SCH-i300/1;836.49MHz;W;Helical/In;

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

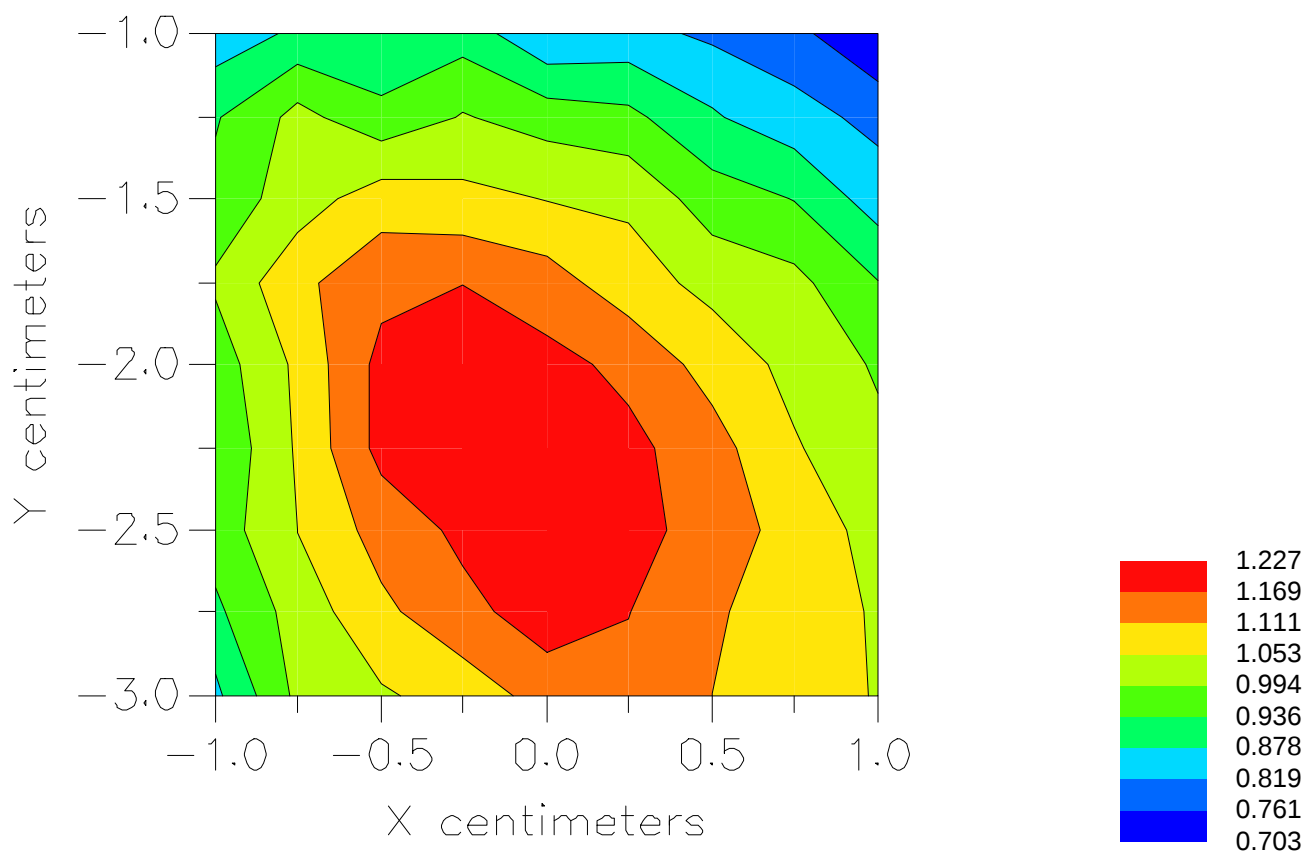


File : 01030202_ZOOM

Start : 2-Mar-101 10:03:46 am End : 2-Mar-101 10:14:26 am

SAMSUNG/SCH-i300/1;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/01030207_ZOOM.VLT
Start : 2-Mar-101 11:23:49 am End : 2-Mar-101 11:34:35 am

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 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 26.5 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 = -0.500, Y = -2.250, Z = 0.000 (cm) Value = 14.141

Measured Values (volts) =
1.356E-002 1.056E-002 8.372E-003 6.608E-003 5.459E-003 4.517E-003
3.883E-003 3.598E-003 3.445E-003 3.379E-003 3.313E-003 3.126E-003
2.884E-003 2.461E-003 1.998E-003 1.391E-003 9.570E-004 5.388E-004
3.931E-004 3.825E-004 4.901E-004

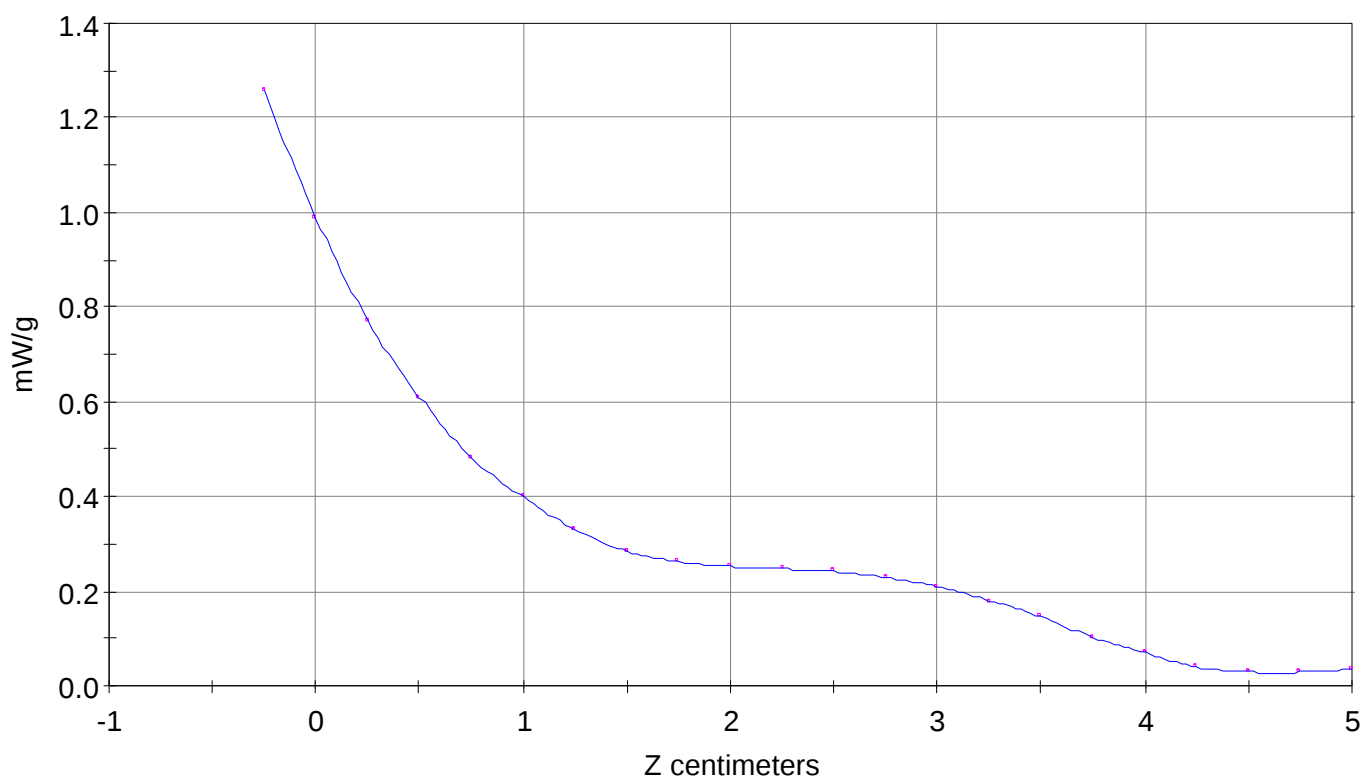
Calc. Voltage @ Surface (Vs) = 0.0173

Voltage @ 1.00 cm (Vt) = 0.0066

Ave. Voltage (Vs+Vt)/2 = 0.0119

Ave. SAR over 1 g (mW/g) = 0.8706

SAR Scan
File : 01030207_ZOOM
Start : 2-Mar-101 11:23:49 am End : 2-Mar-101 11:34:35 am
SAMSUNG/SCH-i300/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

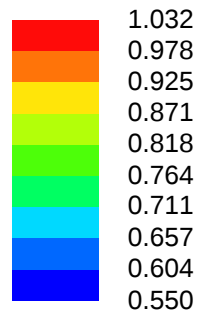
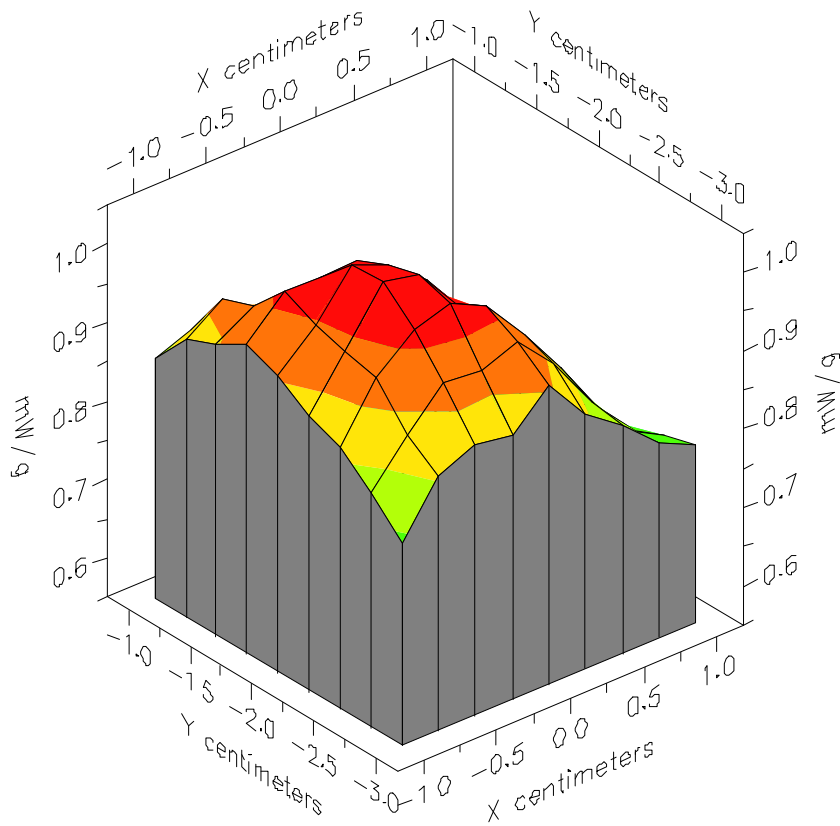


File : 01030207_ZOOM

Start : 2-Mar-101 11:23:49 am End : 2-Mar-101 11:34:35 am

SAMSUNG/SCH-i300/1;836.49MHz;W;Helical/Out;

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

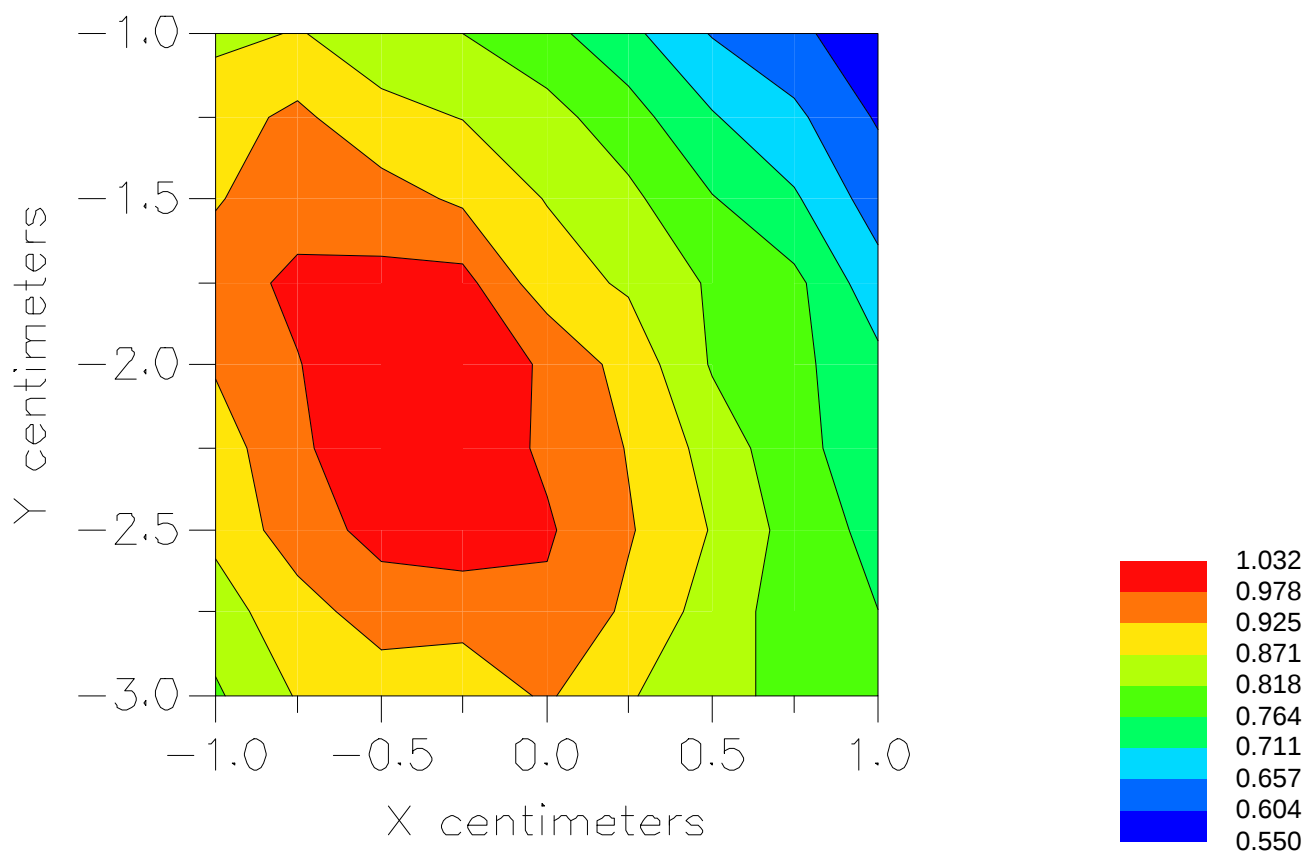


File : 01030207_ZOOM

Start : 2-Mar-101 11:23:49 am End : 2-Mar-101 11:34:35 am

SAMSUNG/SCH-i300/1;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/01030201_ZOOM.VLT
Start : 2-Mar-101 09:51:29 am End : 2-Mar-101 10:02:00 am

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 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 26.5 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 = -0.250, Y = -2.250, Z = 0.000 (cm) Value = 15.450

Measured Values (volts) =
1.527E-002 1.183E-002 9.255E-003 7.573E-003 6.200E-003 5.172E-003
4.476E-003 4.142E-003 3.910E-003 3.752E-003 3.457E-003 3.167E-003
2.755E-003 2.337E-003 1.809E-003 1.269E-003 8.278E-004 5.796E-004
4.447E-004 4.747E-004 6.250E-004

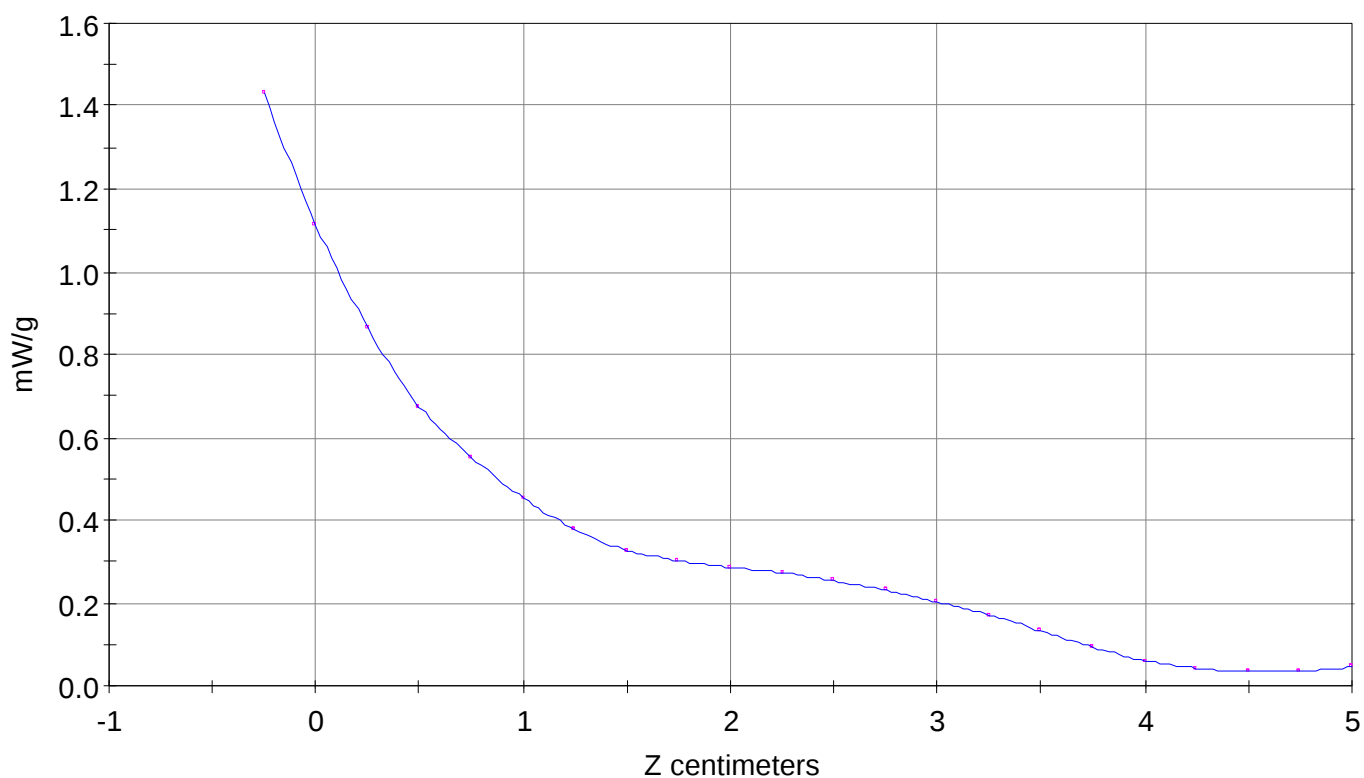
Calc. Voltage @ Surface (Vs) = 0.0196

Voltage @ 1.00 cm (Vt) = 0.0076

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

Ave. SAR over 1 g (mW/g) = 0.9920

SAR Scan
File : 01030201_ZOOM
Start : 2-Mar-101 09:51:29 am End : 2-Mar-101 10:02:00 am
SAMSUNG/SCH-i300/1;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

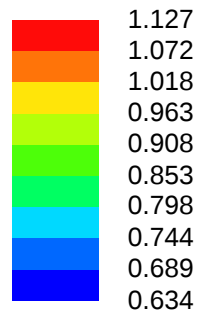
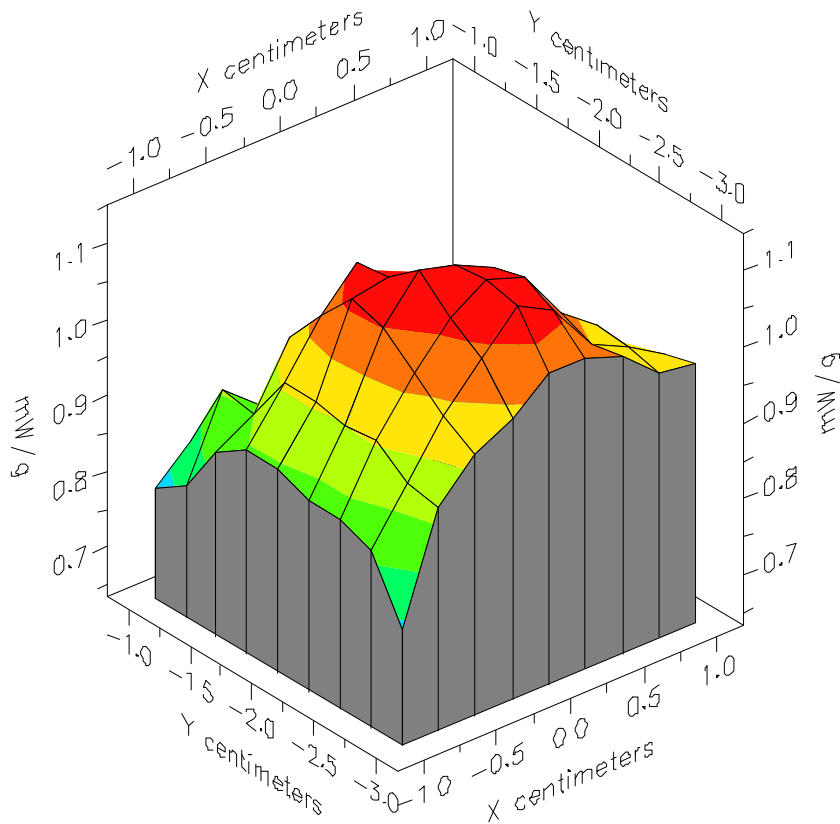


File : 01030201_ZOOM

Start : 2-Mar-101 09:51:29 am End : 2-Mar-101 10:02:00 am

SAMSUNG/SCH-i300/1;848.97MHz;W;Helical/In;

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

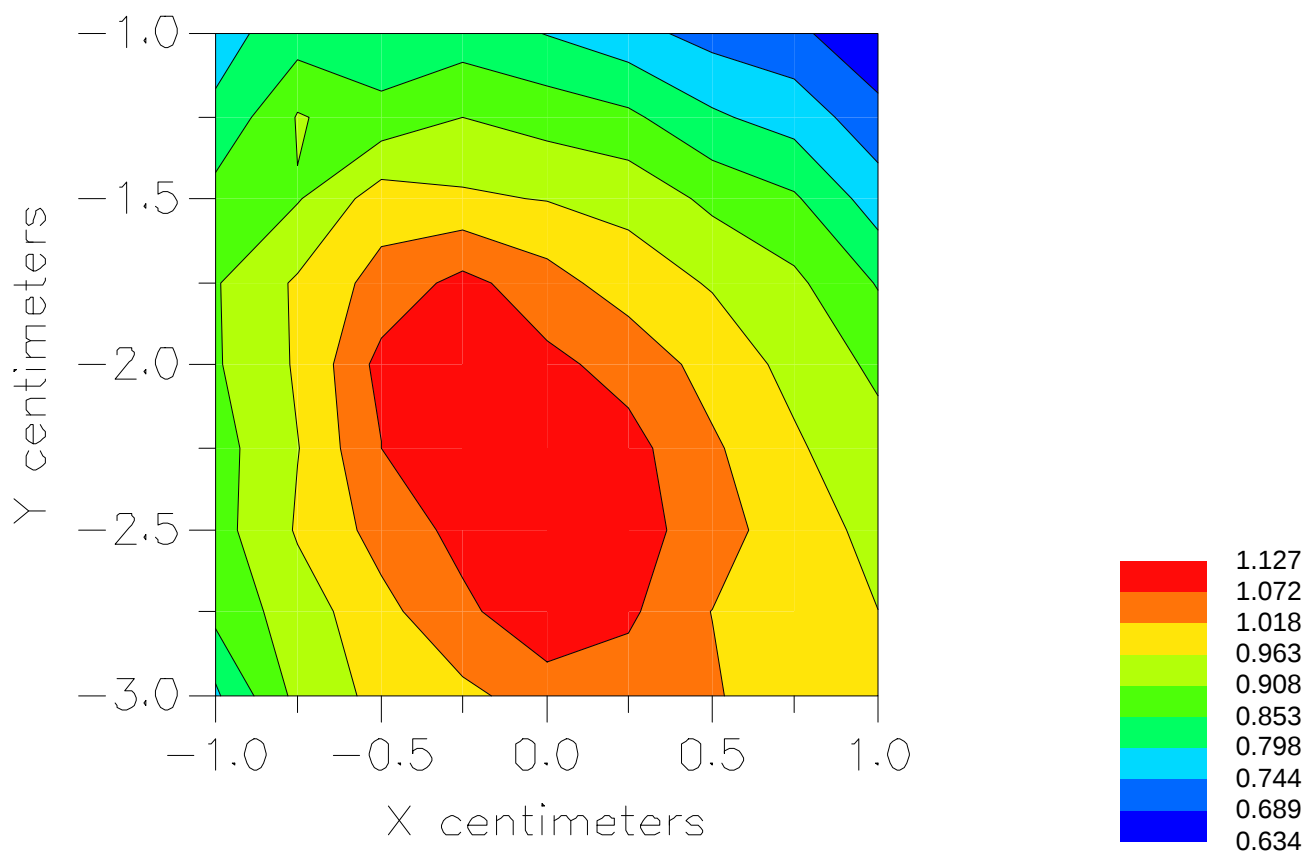


File : 01030201_ZOOM

Start : 2-Mar-101 09:51:29 am End : 2-Mar-101 10:02:00 am

SAMSUNG/SCH-i300/1;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/01030209_ZOOM.VLT
Start : 2-Mar-101 11:47:19 am End : 2-Mar-101 11:57:10 am

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr : 0.450 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 26.5 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 = -0.500, Y = -2.000, Z = 0.000 (cm) Value = 14.198

Measured Values (volts) =
1.365E-002 1.103E-002 8.861E-003 7.157E-003 5.657E-003 4.644E-003
3.892E-003 3.447E-003 3.260E-003 3.233E-003 3.187E-003 3.043E-003
2.850E-003 2.535E-003 2.070E-003 1.642E-003 1.103E-003 7.249E-004
4.520E-004 4.445E-004 5.311E-004

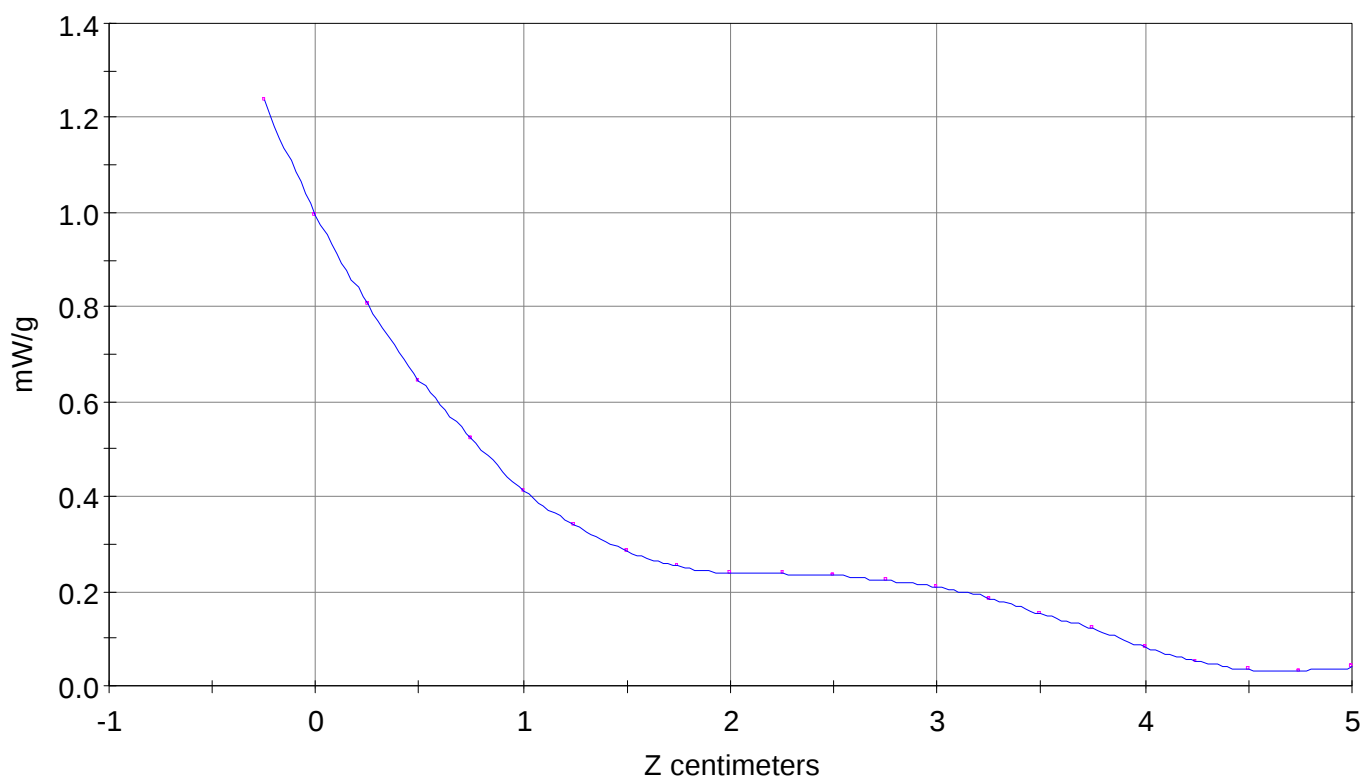
Calc. Voltage @ Surface (Vs) = 0.0169

Voltage @ 1.00 cm (Vt) = 0.0072

Ave. Voltage (Vs+Vt)/2 = 0.0120

Ave. SAR over 1 g (mW/g) = 0.8791

SAR Scan
File : 01030209_ZOOM
Start : 2-Mar-101 11:47:19 am End : 2-Mar-101 11:57:10 am
SAMSUNG/SCH-i300/1;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

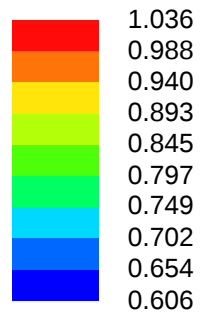
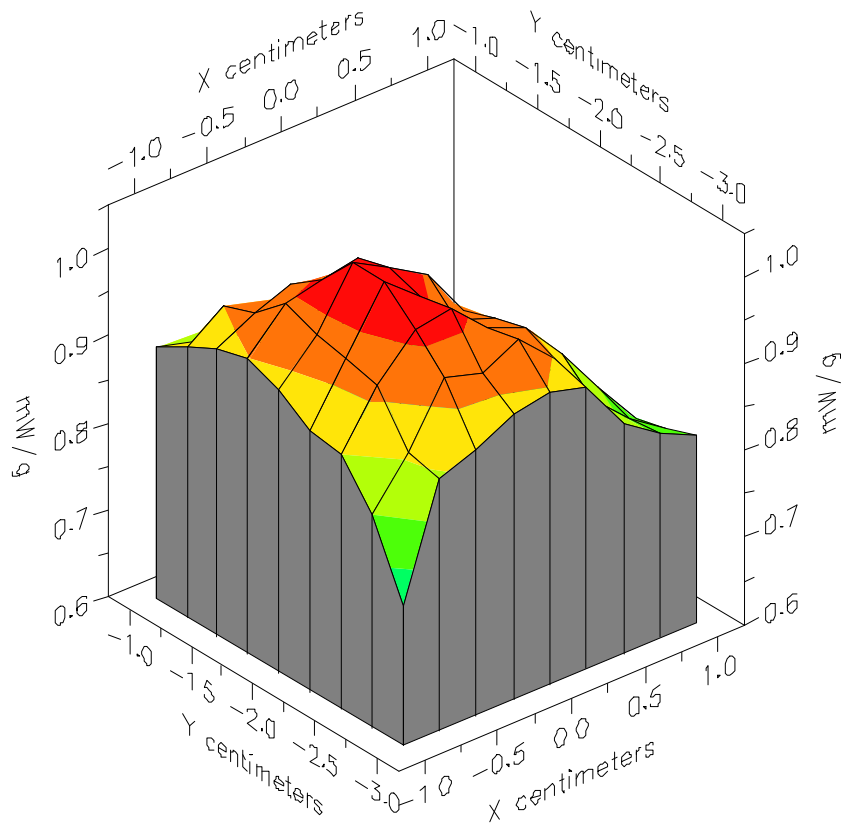


File : 01030209_ZOOM

Start : 2-Mar-101 11:47:19 am End : 2-Mar-101 11:57:10 am

SAMSUNG/SCH-i300/1;848.97MHz;W;Helical/Out;

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

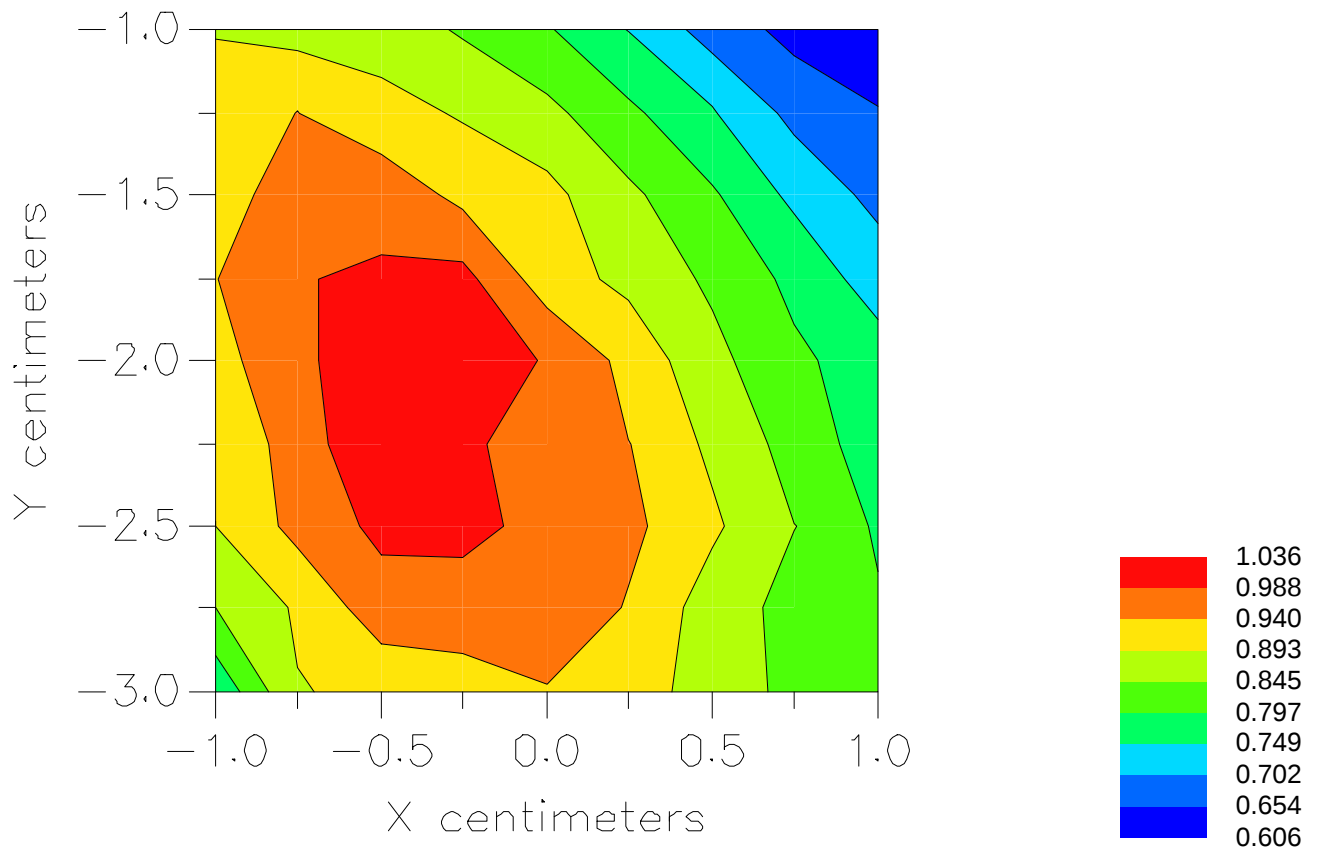


File : 01030209_ZOOM

Start : 2-Mar-101 11:47:19 am End : 2-Mar-101 11:57:10 am

SAMSUNG/SCH-i300/1;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/01030211_ZOOM.VLT
Start : 2-Mar-101 12:11:38 pm End : 2-Mar-101 12:21:32 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
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 = 0.000, Y = -2.500, Z = 0.000 (cm) Value = 13.819

Measured Values (volts) =
1.261E-002 1.065E-002 8.461E-003 6.567E-003 5.572E-003 4.712E-003
4.086E-003 3.729E-003 3.490E-003 3.291E-003 3.098E-003 2.815E-003
2.425E-003 1.930E-003 1.485E-003 1.063E-003 6.542E-004 4.268E-004
3.864E-004 4.502E-004 5.774E-004

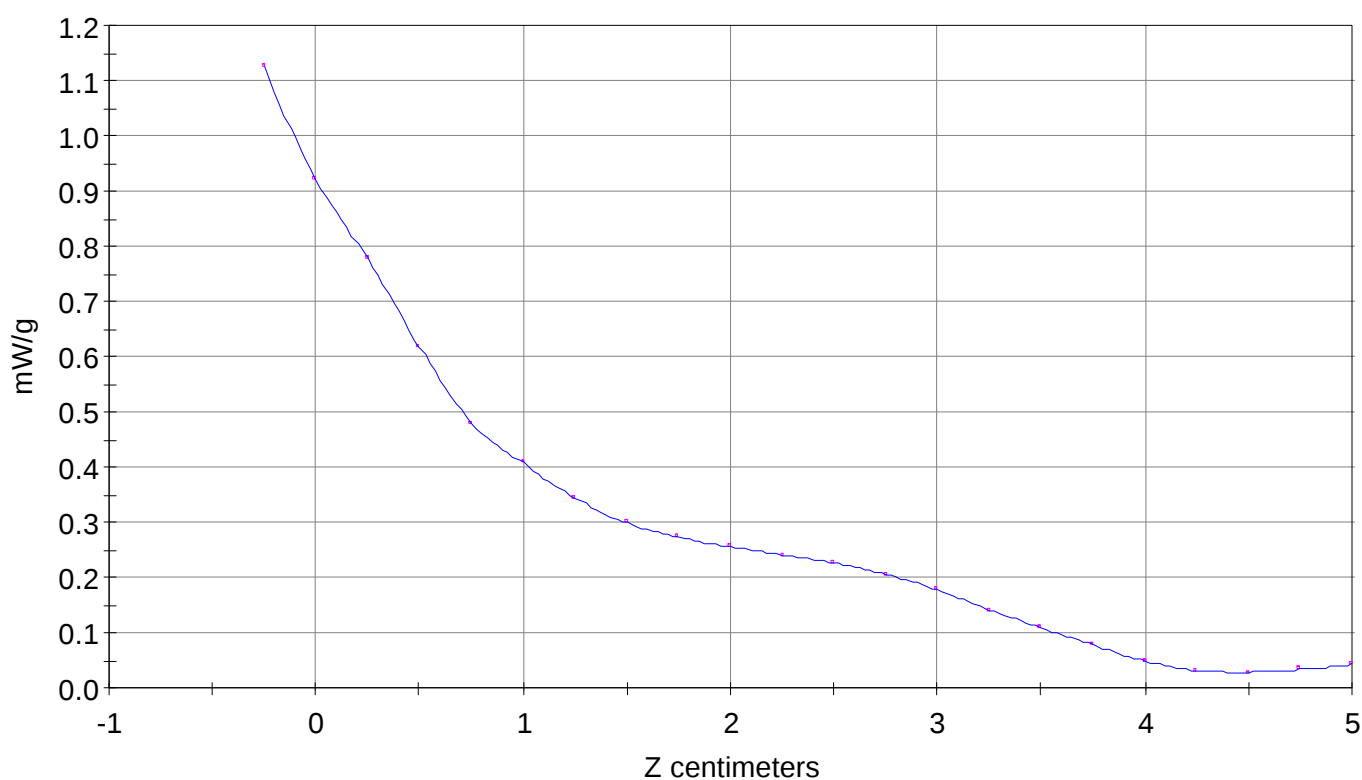
Calc. Voltage @ Surface (Vs) = 0.0154

Voltage @ 1.00 cm (Vt) = 0.0066

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

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

SAR Scan
File : 01030211_ZOOM
Start : 2-Mar-101 12:11:38 pm End : 2-Mar-101 12:21:32 pm
SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

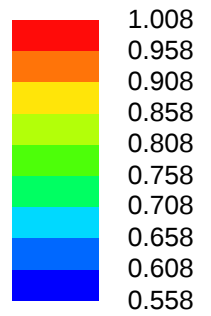
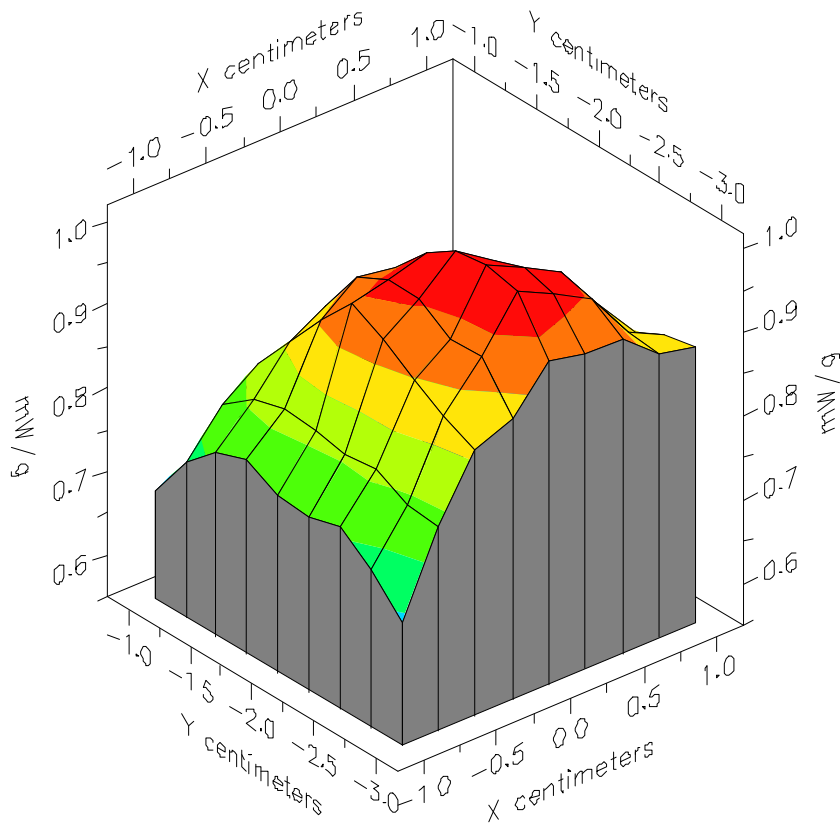


File : 01030211_ZOOM

Start : 2-Mar-101 12:11:38 pm End : 2-Mar-101 12:21:32 pm

SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/In;

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

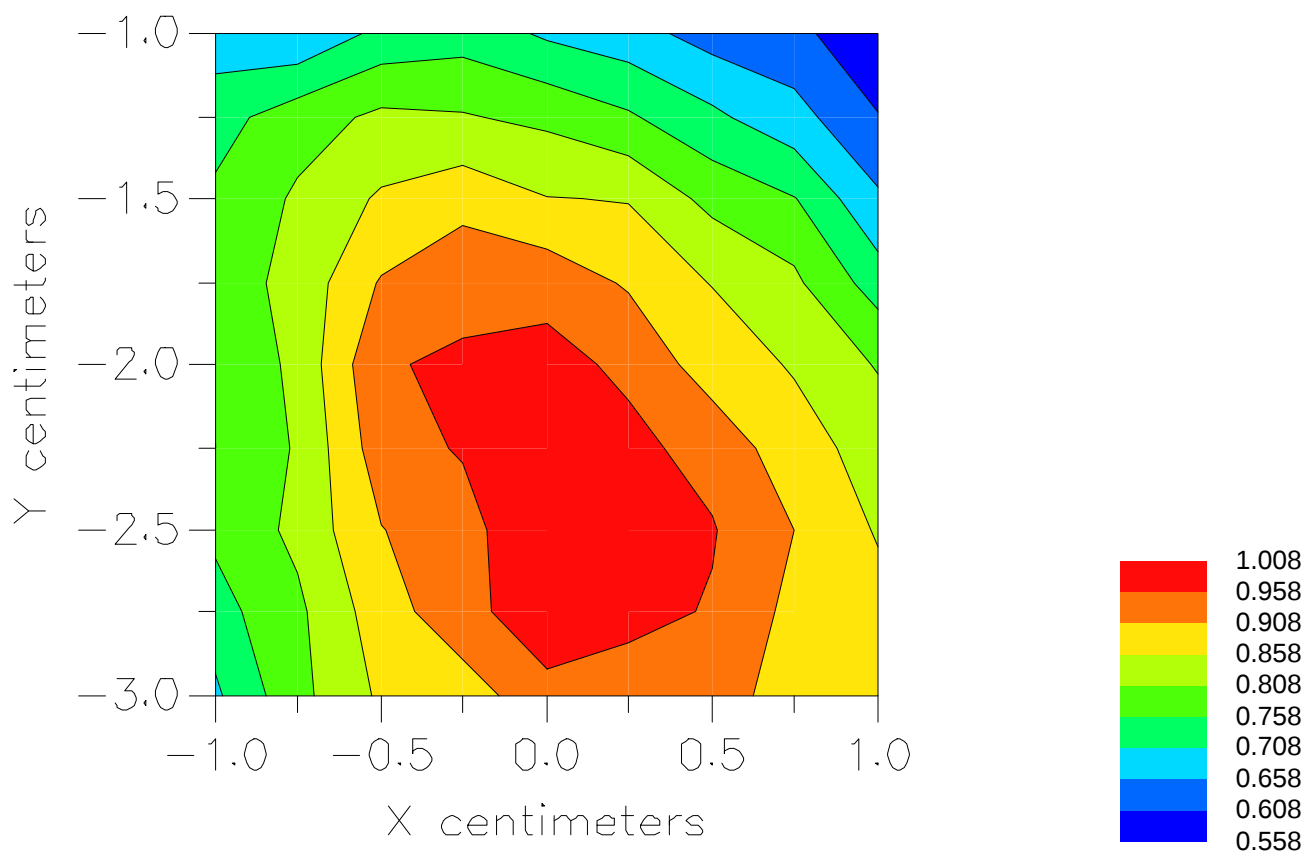


File : 01030211_ZOOM

Start : 2-Mar-101 12:11:38 pm End : 2-Mar-101 12:21:32 pm

SAMSUNG/SCH-i300/1;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/01030213_ZOOM.VLT
Start : 2-Mar-101 12:30:05 pm End : 2-Mar-101 12:40:23 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
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 = -0.500, Y = -2.000, Z = 0.000 (cm) Value = 11.219

Measured Values (volts) =
1.018E-002 7.819E-003 6.395E-003 5.106E-003 4.172E-003 3.430E-003
2.990E-003 2.658E-003 2.543E-003 2.453E-003 2.390E-003 2.268E-003
2.080E-003 1.805E-003 1.379E-003 1.022E-003 6.307E-004 3.700E-004
1.891E-004 2.402E-004 3.701E-004

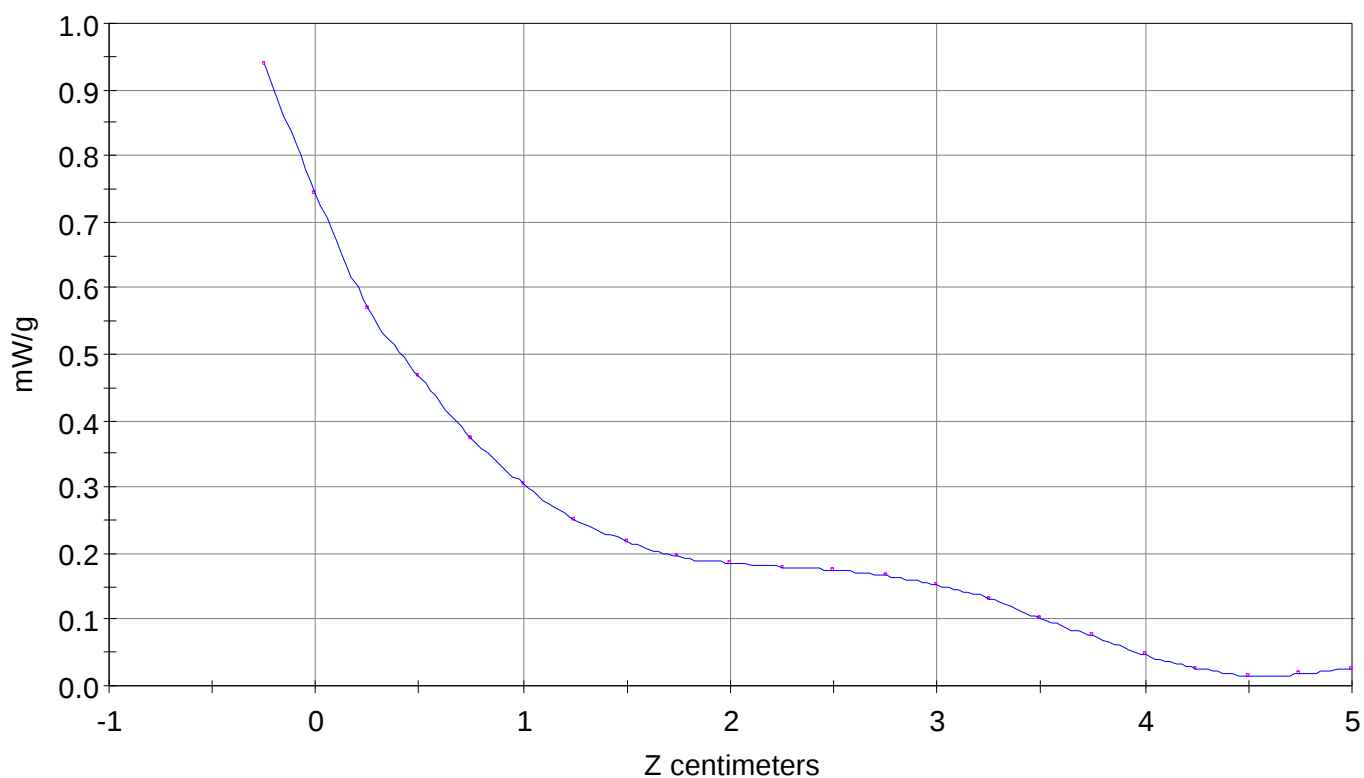
Calc. Voltage @ Surface (Vs) = 0.0129

Voltage @ 1.00 cm (Vt) = 0.0051

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

Ave. SAR over 1 g (mW/g) = 0.6552

SAR Scan
File : 01030213_ZOOM
Start : 2-Mar-101 12:30:05 pm End : 2-Mar-101 12:40:23 pm
SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

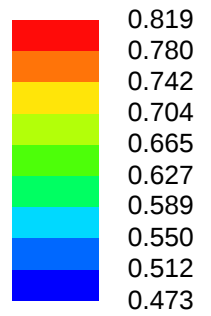
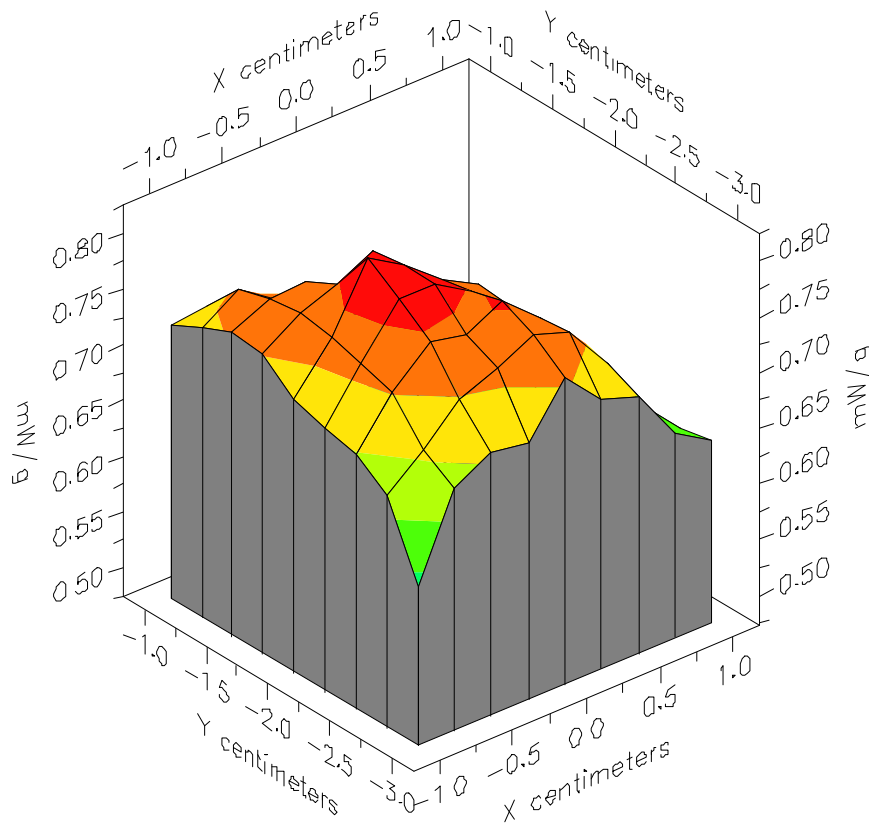


File : 01030213_ZOOM

Start : 2-Mar-101 12:30:05 pm End : 2-Mar-101 12:40:23 pm

SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/Out;

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

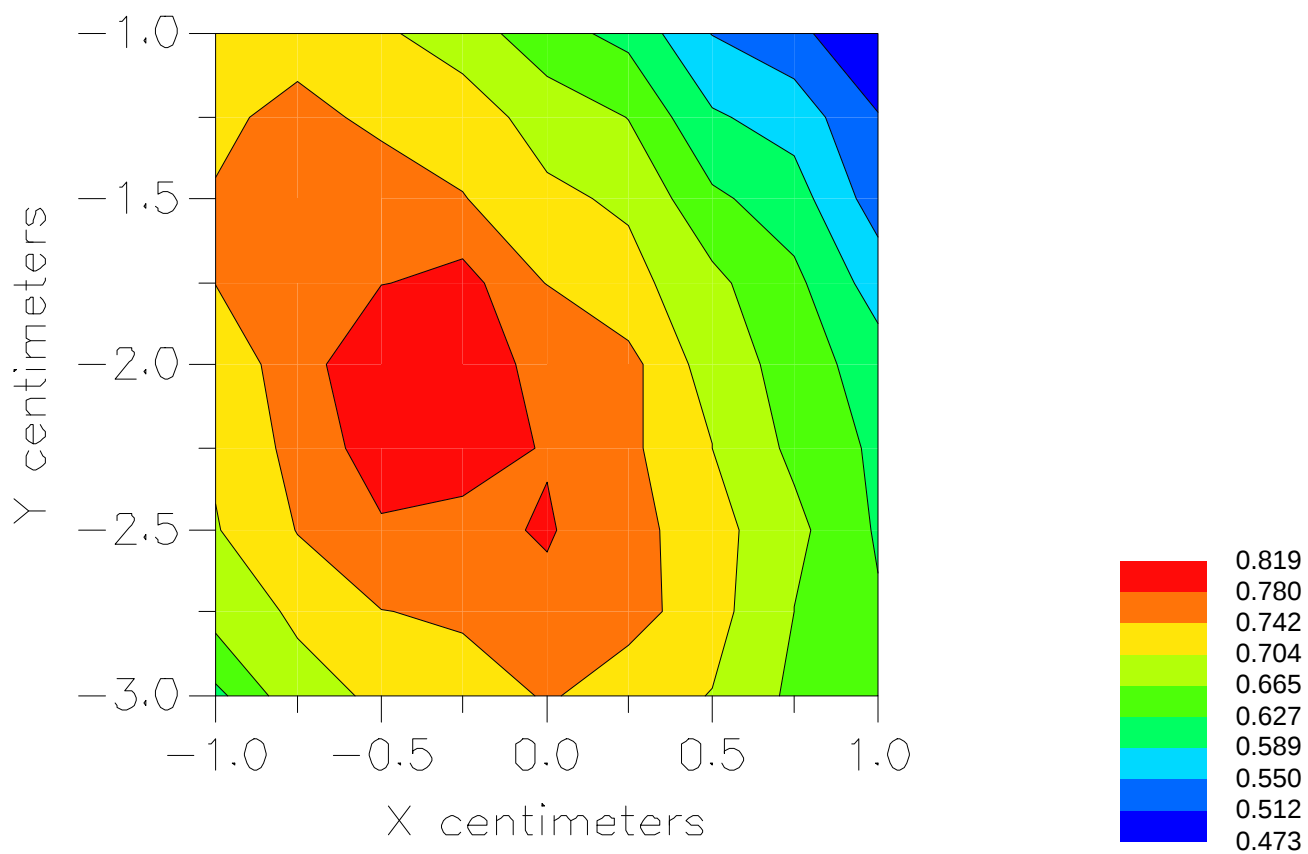


File : 01030213_ZOOM

Start : 2-Mar-101 12:30:05 pm End : 2-Mar-101 12:40:23 pm

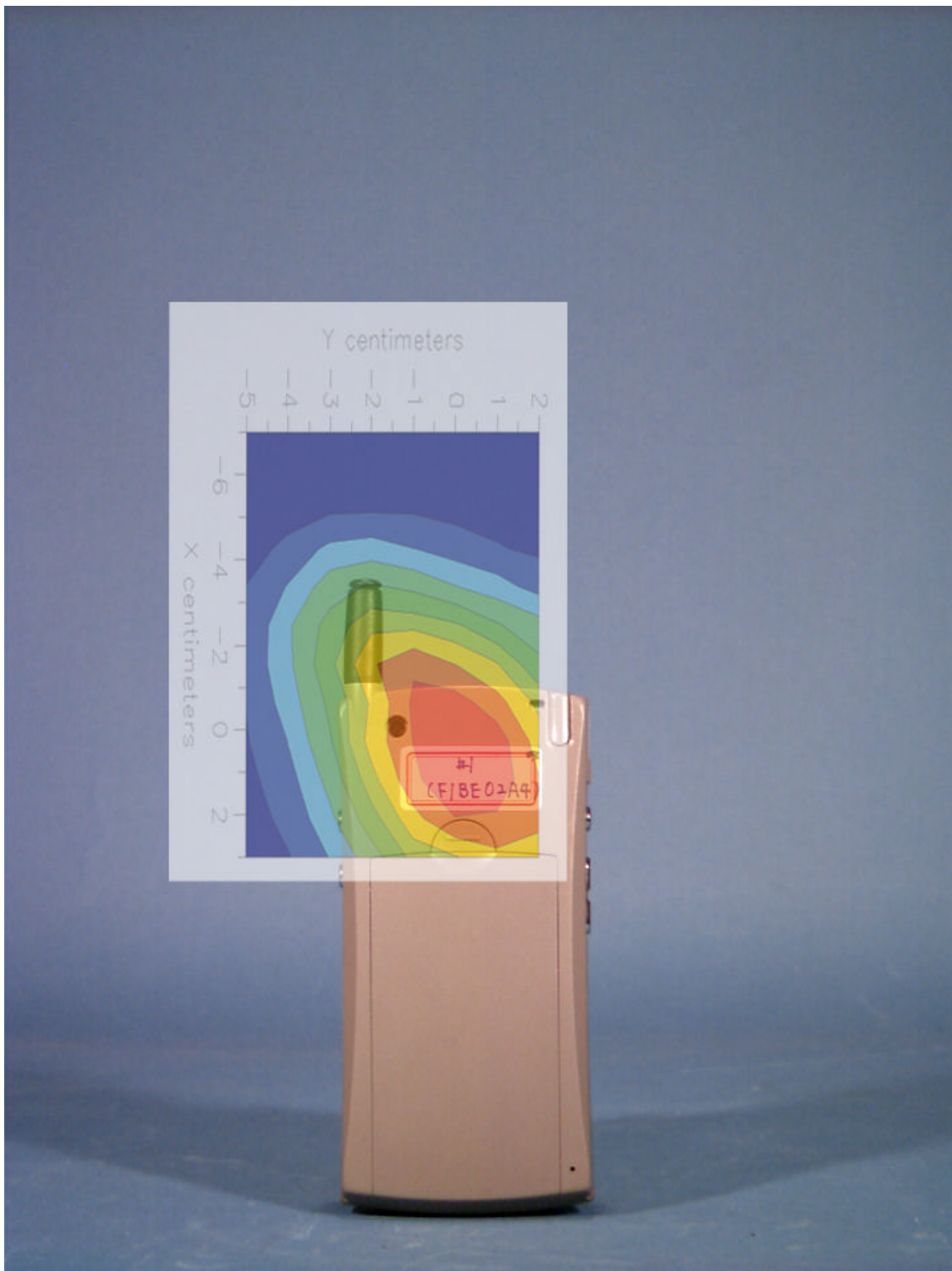
SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/Out;

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



Peak SAR Location

800 MHz Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01030618_ZOOM.VLT
Start : 6-Mar-101 03:36:32 pm End : 6-Mar-101 03:49:33 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 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 26.5 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 = 13.427

Measured Values (volts) =
1.317E-002 1.098E-002 9.362E-003 8.022E-003 6.777E-003 5.633E-003
4.711E-003 4.156E-003 3.699E-003 3.425E-003 3.236E-003 3.095E-003
2.787E-003 2.367E-003 1.869E-003 1.359E-003 8.784E-004 5.854E-004
4.147E-004 4.193E-004 5.882E-004

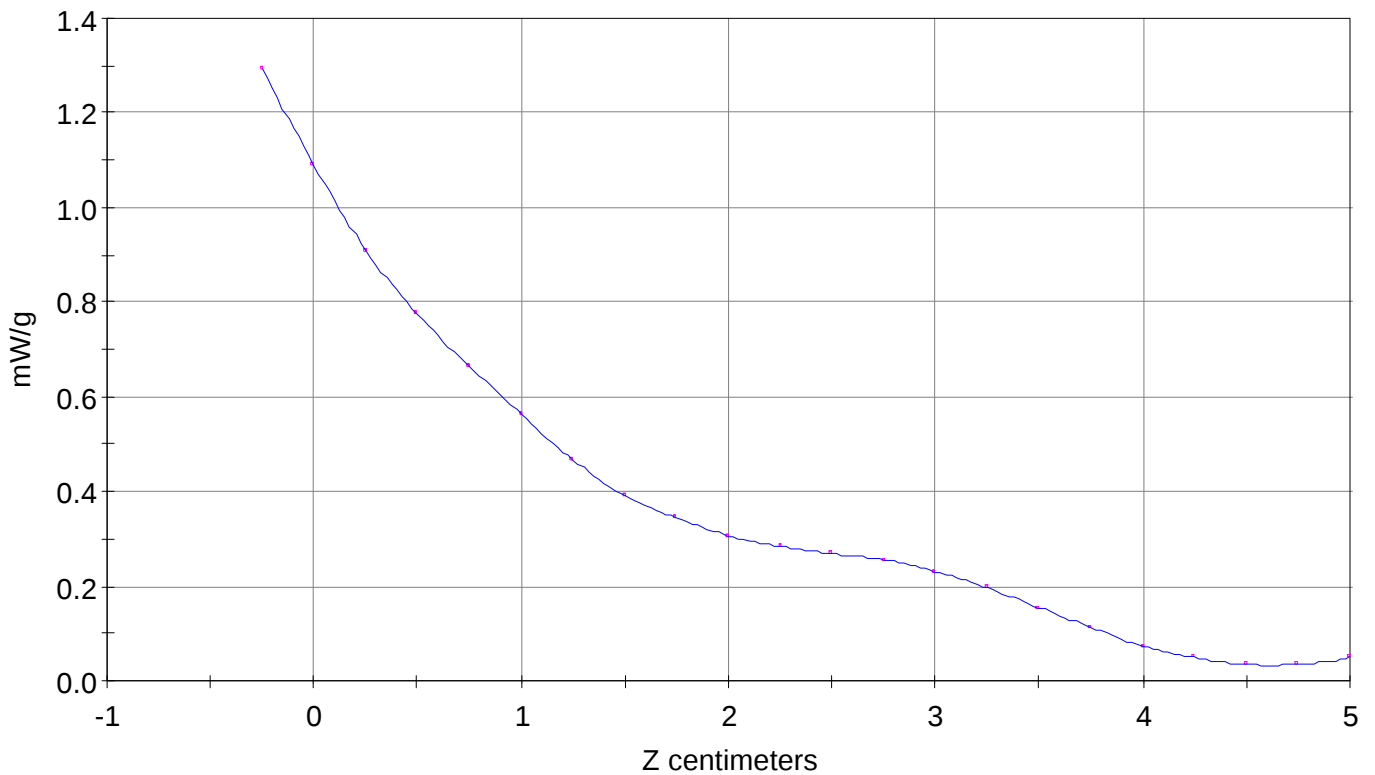
Calc. Voltage @ Surface (Vs) = 0.0156

Voltage @ 1.00 cm (Vt) = 0.0080

Ave. Voltage (Vs+Vt)/2 = 0.0118

Ave. SAR over 1 g (mW/g) = 0.9788

SAR Scan
File : 01030618_ZOOM
Start : 6-Mar-101 03:36:32 pm End : 6-Mar-101 03:49:33 pm
SAMSUNG/SCH-i300/1;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

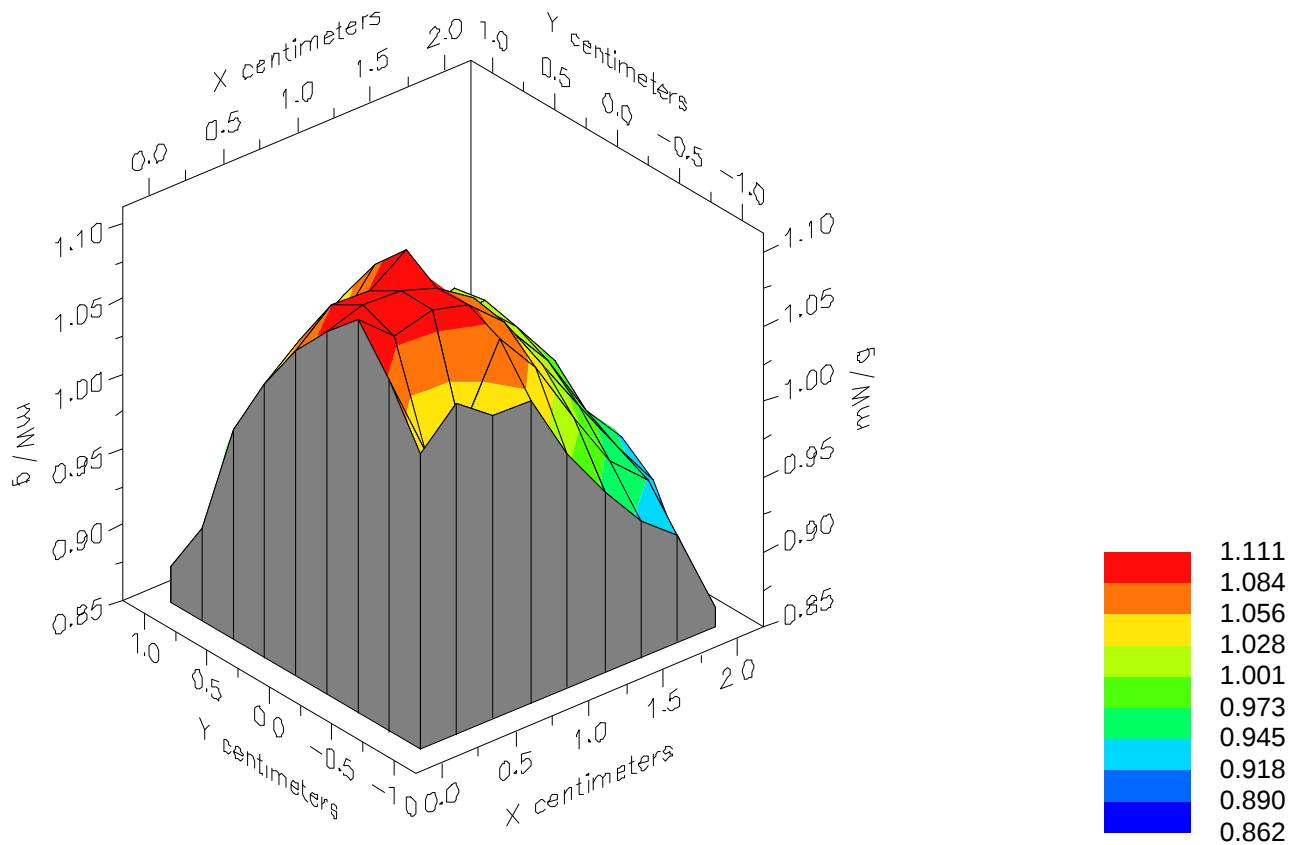


File : 01030618_ZOOM

Start : 6-Mar-101 03:36:32 pm End : 6-Mar-101 03:49:33 pm

SAMSUNG/SCH-i300/1;824.04MHz;W;Helical/In;

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

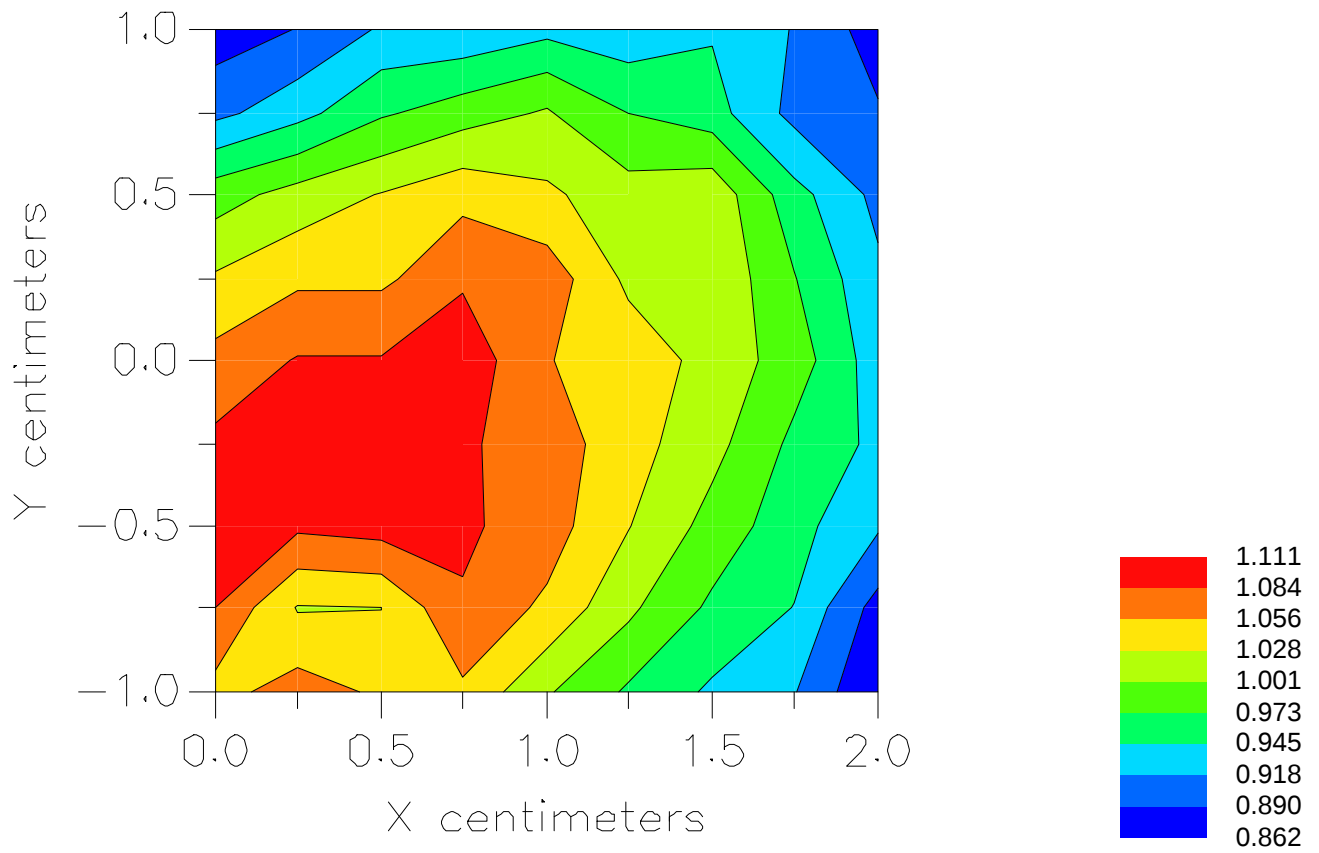


File : 01030618_ZOOM

Start : 6-Mar-101 03:36:32 pm End : 6-Mar-101 03:49:33 pm

SAMSUNG/SCH-i300/1;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/01030615_ZOOM.VLT
Start : 6-Mar-101 03:13:02 pm End : 6-Mar-101 03:25:38 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr : 0.450 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 26.5 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 = 9.394

Measured Values (volts) =
8.993E-003 7.798E-003 6.669E-003 5.724E-003 4.879E-003 4.048E-003
3.430E-003 2.924E-003 2.612E-003 2.419E-003 2.361E-003 2.255E-003
2.130E-003 1.908E-003 1.621E-003 1.217E-003 7.971E-004 5.157E-004
3.197E-004 2.934E-004 4.194E-004

Calc. Voltage @ Surface (Vs) = 0.0104

Voltage @ 1.00 cm (Vt) = 0.0057

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

Ave. SAR over 1 g (mW/g) = 0.6691

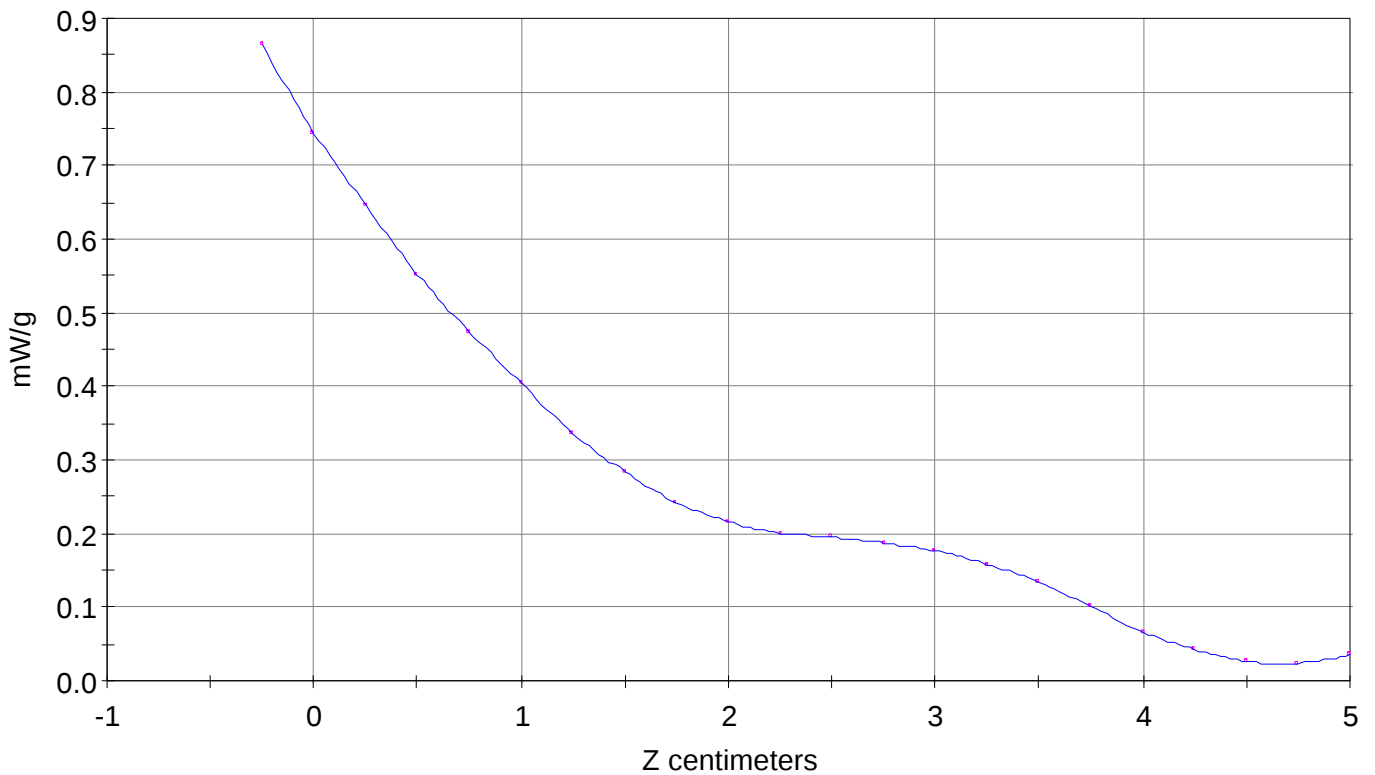
SAR Scan

File : 01030615_ZOOM

Start : 6-Mar-101 03:13:02 pm End : 6-Mar-101 03:25:38 pm

SAMSUNG/SCH-i300/1;824.04MHz;W;Helical/Out;

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

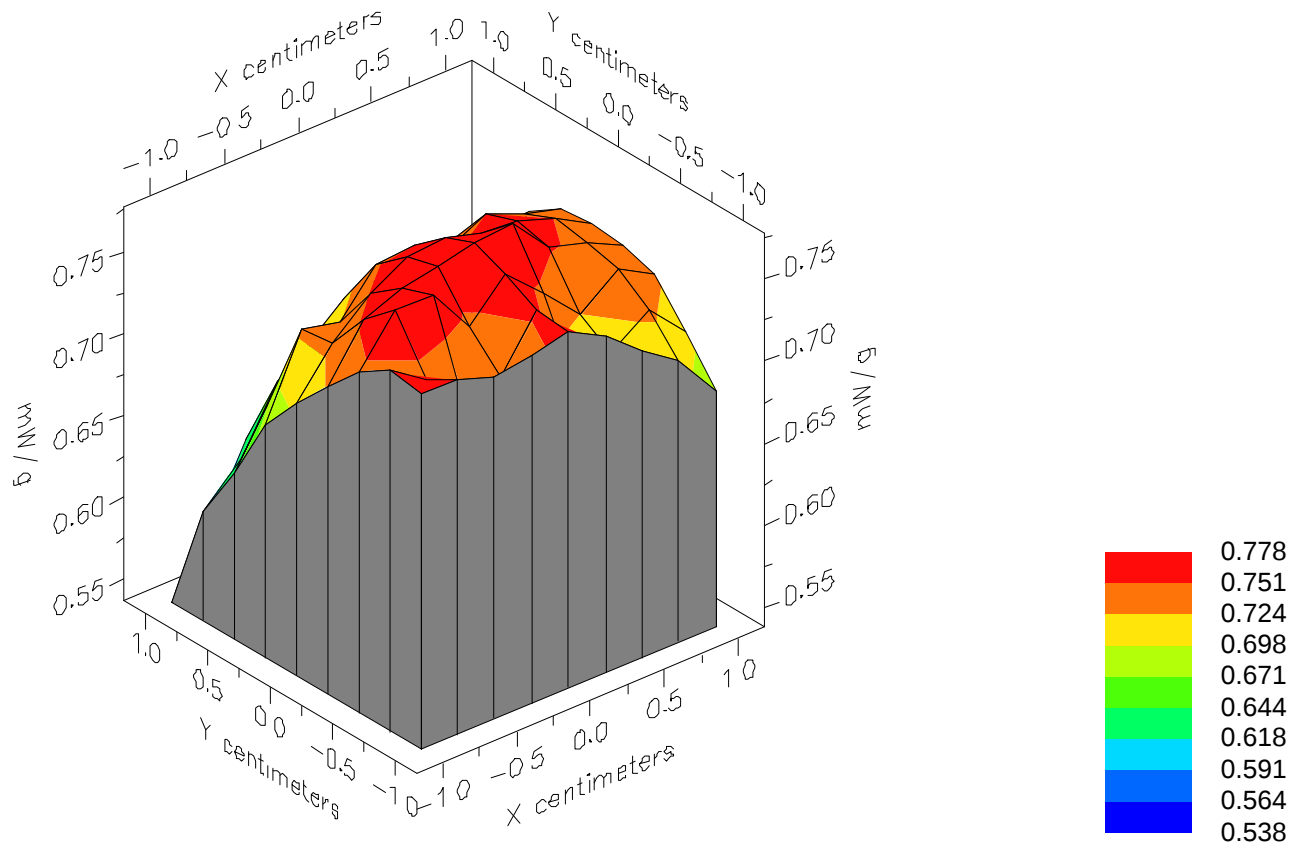


File : 01030615_ZOOM

Start : 6-Mar-101 03:13:02 pm End : 6-Mar-101 03:25:38 pm

SAMSUNG/SCH-i300/1;824.04MHz;W;Helical/Out;

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

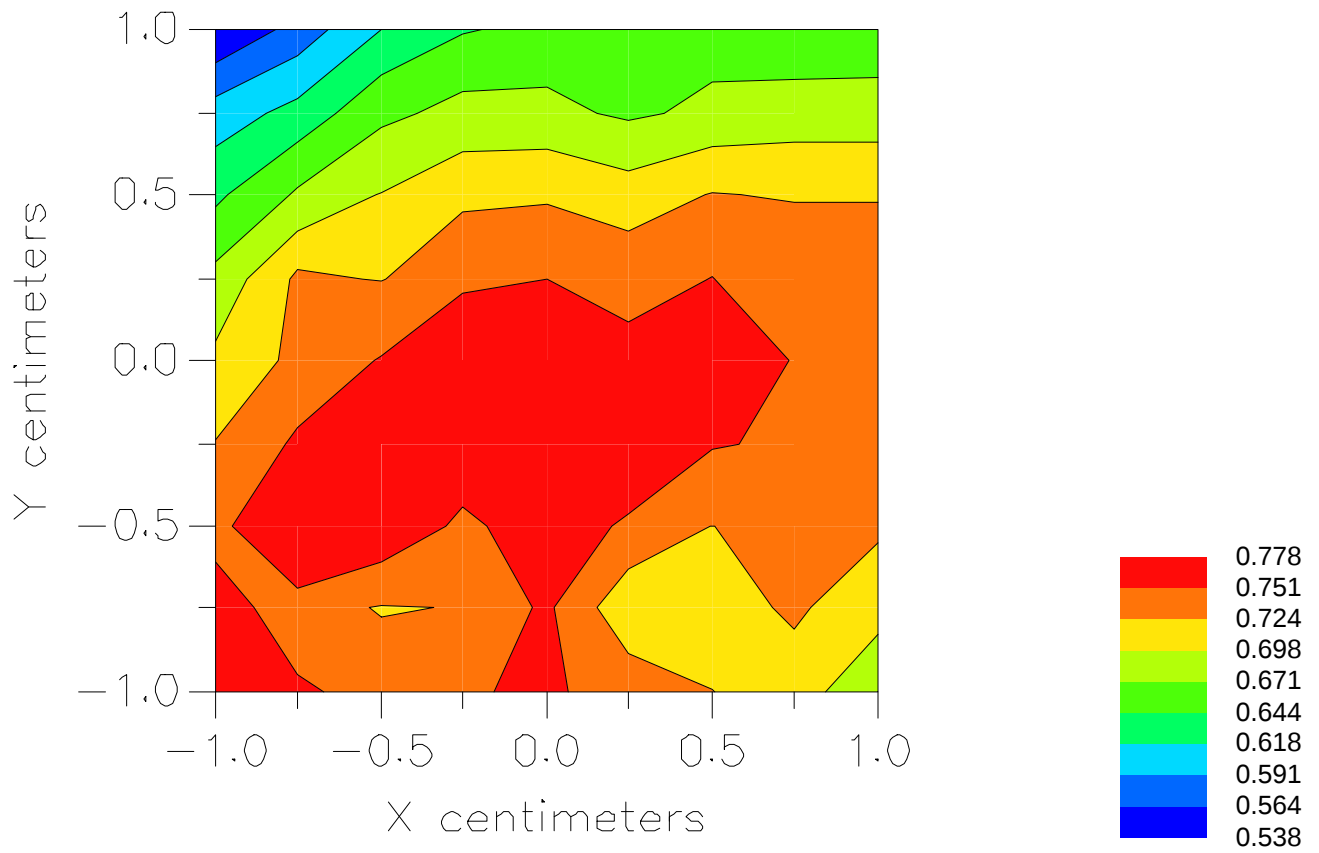


File : 01030615_ZOOM

Start : 6-Mar-101 03:13:02 pm End : 6-Mar-101 03:25:38 pm

SAMSUNG/SCH-i300/1;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/01030620_ZOOM.VLT
Start : 6-Mar-101 04:07:44 pm End : 6-Mar-101 04:20:21 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr : 0.450 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 26.5 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 = 0.000, Z = 0.000 (cm) Value = 12.896

Measured Values (volts) =
1.271E-002 1.051E-002 9.236E-003 8.050E-003 6.920E-003 5.871E-003
4.834E-003 4.100E-003 3.492E-003 3.161E-003 2.939E-003 2.815E-003
2.690E-003 2.460E-003 2.111E-003 1.685E-003 1.159E-003 7.400E-004
4.670E-004 3.263E-004 3.611E-004

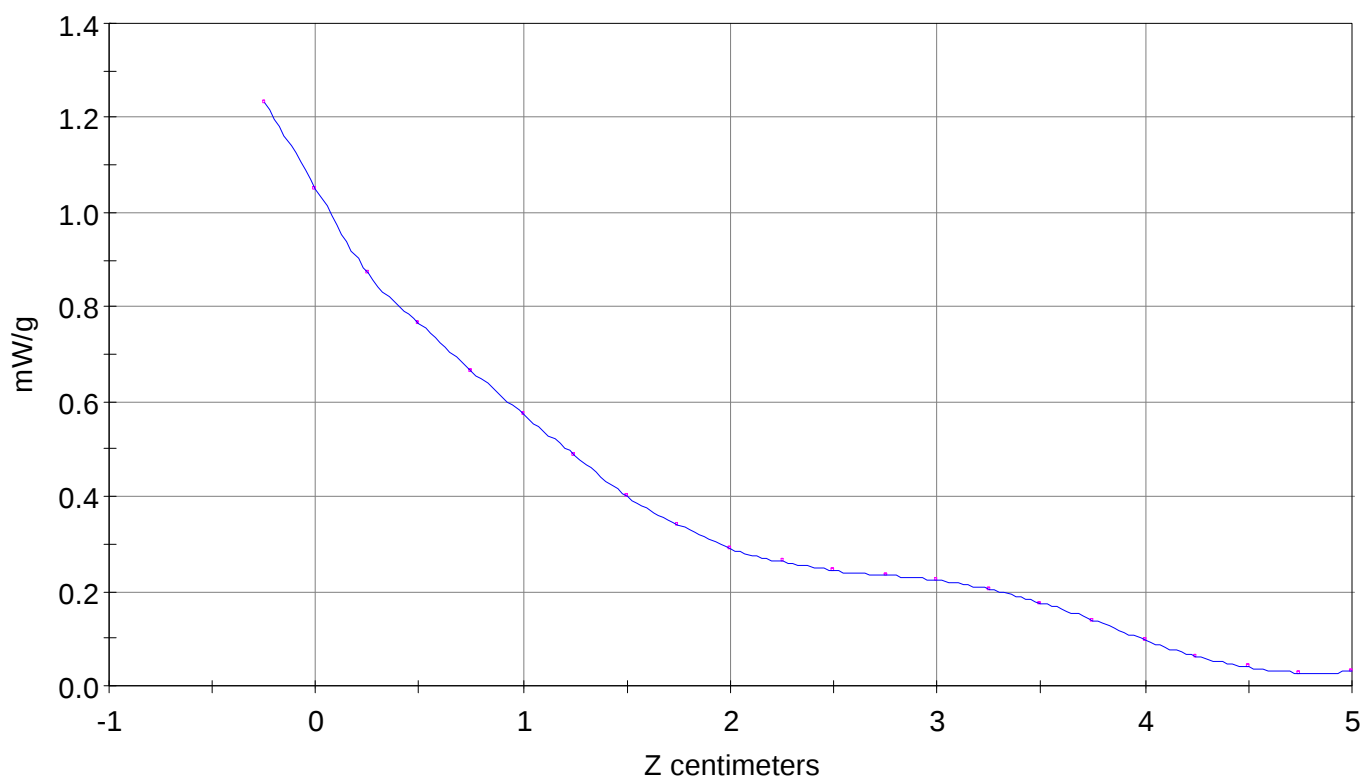
Calc. Voltage @ Surface (Vs) = 0.0149

Voltage @ 1.00 cm (Vt) = 0.0080

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

Ave. SAR over 1 g (mW/g) = 0.9504

SAR Scan
File : 01030620_ZOOM
Start : 6-Mar-101 04:07:44 pm End : 6-Mar-101 04:20:21 pm
SAMSUNG/SCH-i300/1;836.49MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

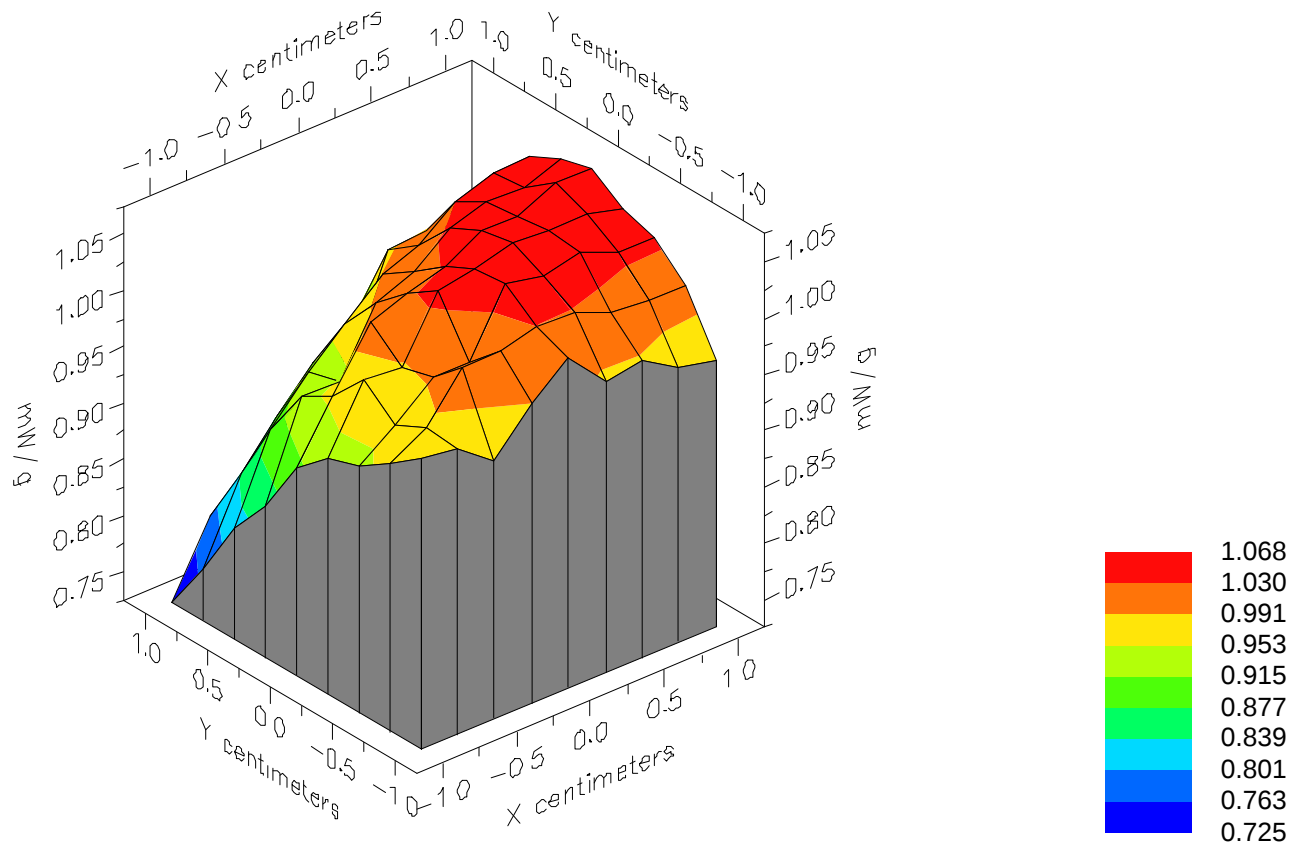


File : 01030620_ZOOM

Start : 6-Mar-101 04:07:44 pm End : 6-Mar-101 04:20:21 pm

SAMSUNG/SCH-i300/1;836.49MHz;W;Helical/In;

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

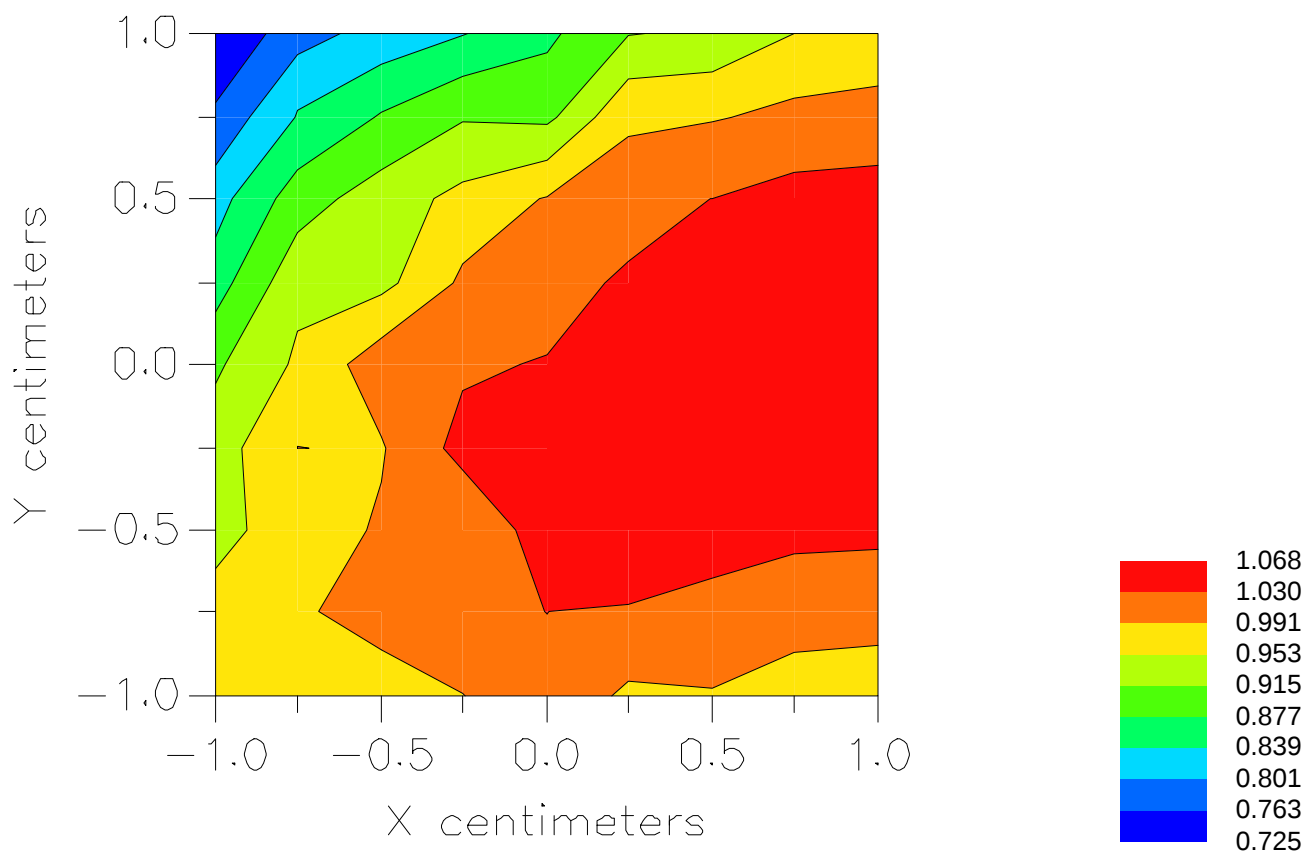


File : 01030620_ZOOM

Start : 6-Mar-101 04:07:44 pm End : 6-Mar-101 04:20:21 pm

SAMSUNG/SCH-i300/1;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/01030621_ZOOM.VLT
Start : 6-Mar-101 04:32:18 pm End : 6-Mar-101 04:40:46 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr : 0.450 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 26.5 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 = 10.752

Measured Values (volts) =
1.057E-002 8.933E-003 7.552E-003 6.373E-003 5.416E-003 4.540E-003
3.779E-003 3.194E-003 2.884E-003 2.687E-003 2.599E-003 2.527E-003
2.288E-003 1.956E-003 1.550E-003 1.084E-003 6.999E-004 4.214E-004
2.928E-004 3.390E-004 4.801E-004

Calc. Voltage @ Surface (Vs) = 0.0125

Voltage @ 1.00 cm (Vt) = 0.0064

Ave. Voltage (Vs+Vt)/2 = 0.0094

Ave. SAR over 1 g (mW/g) = 0.7810

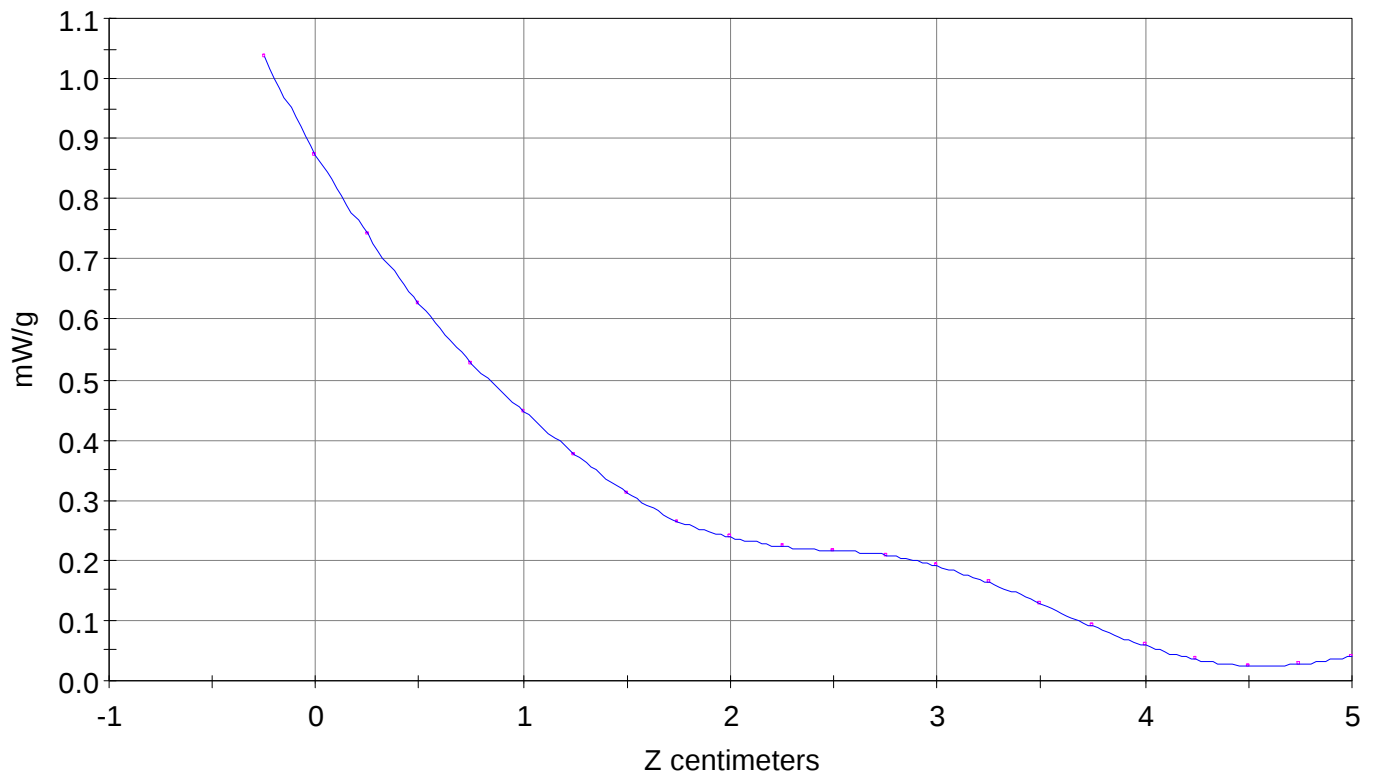
SAR Scan

File : 01030621_ZOOM

Start : 6-Mar-101 04:32:18 pm End : 6-Mar-101 04:40:46 pm

SAMSUNG/SCH-i300/1;836.49MHz;W;Helical/Out;

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

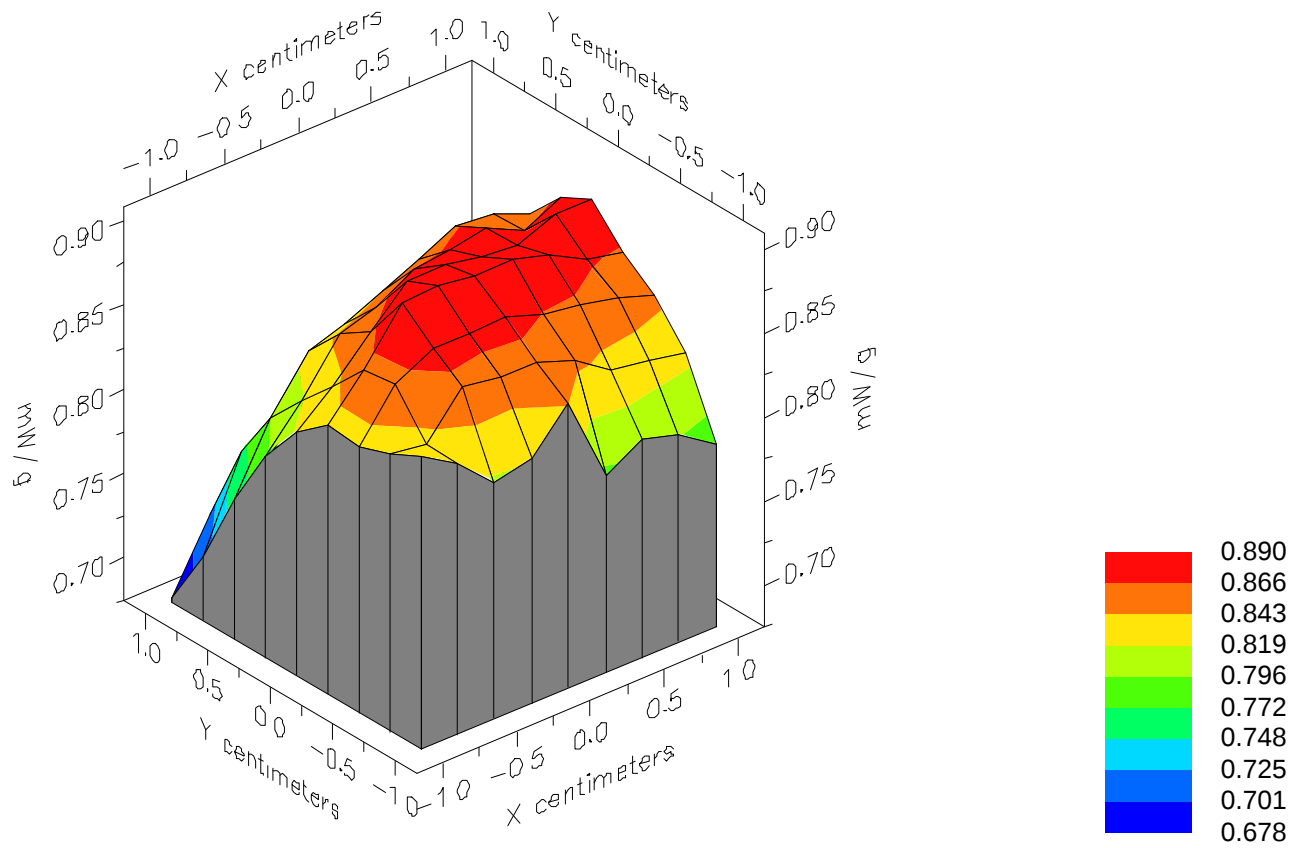


File : 01030621_ZOOM

Start : 6-Mar-101 04:32:18 pm End : 6-Mar-101 04:40:46 pm

SAMSUNG/SCH-i300/1;836.49MHz;W;Helical/Out;

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

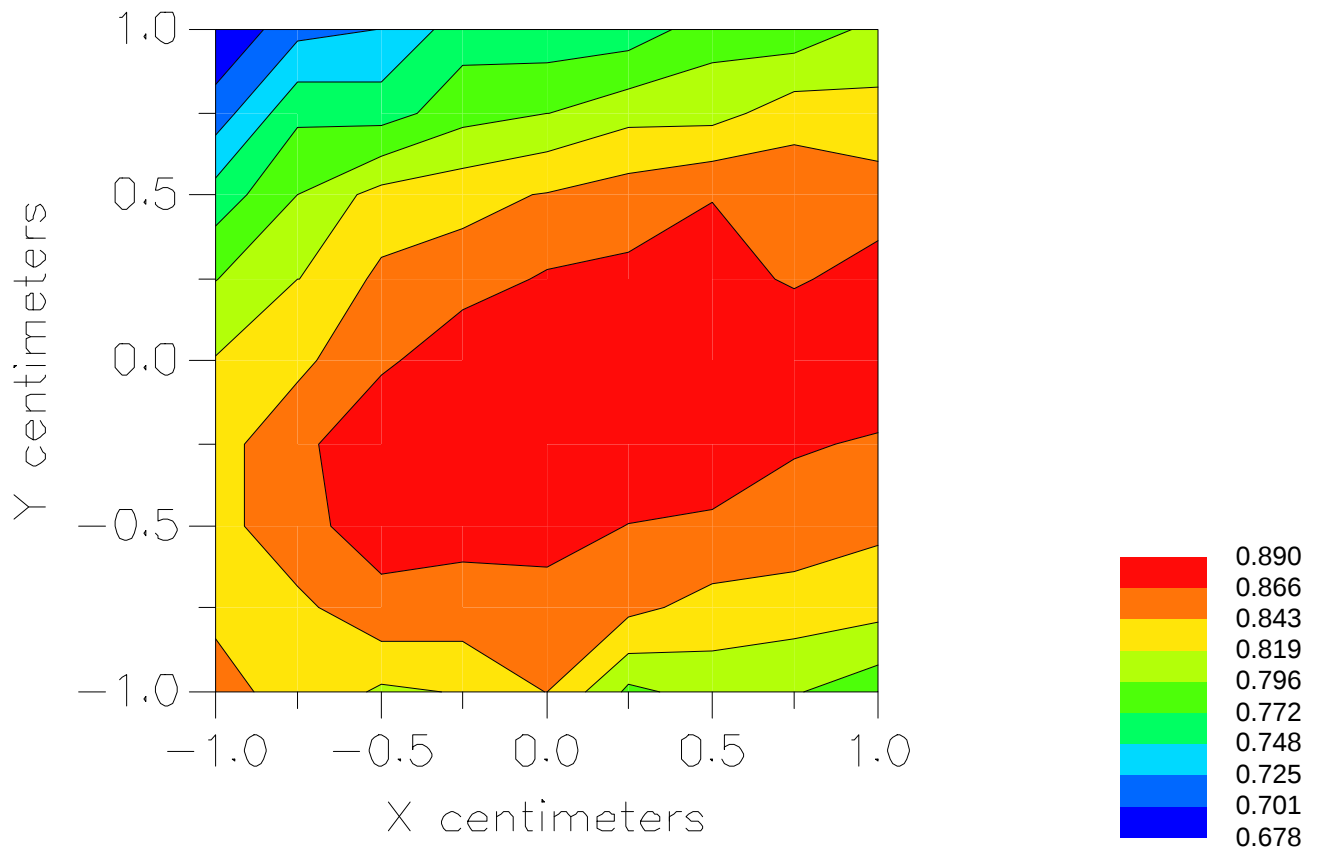


File : 01030621_ZOOM

Start : 6-Mar-101 04:32:18 pm End : 6-Mar-101 04:40:46 pm

SAMSUNG/SCH-i300/1;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/01030619_ZOOM.VLT
Start : 6-Mar-101 03:53:15 pm End : 6-Mar-101 04:05:52 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 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 26.5 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 = 0.000, Z = 0.000 (cm) Value = 10.431

Measured Values (volts) =
1.038E-002 8.974E-003 7.740E-003 6.641E-003 5.856E-003 4.961E-003
4.236E-003 3.412E-003 3.336E-003 2.529E-003 2.396E-003 2.204E-003
2.081E-003 1.991E-003 1.738E-003 1.435E-003 1.022E-003 6.882E-004
4.545E-004 2.978E-004 2.562E-004

Calc. Voltage @ Surface (Vs) = 0.0120

Voltage @ 1.00 cm (Vt) = 0.0066

Ave. Voltage (Vs+Vt)/2 = 0.0093

Ave. SAR over 1 g (mW/g) = 0.7723

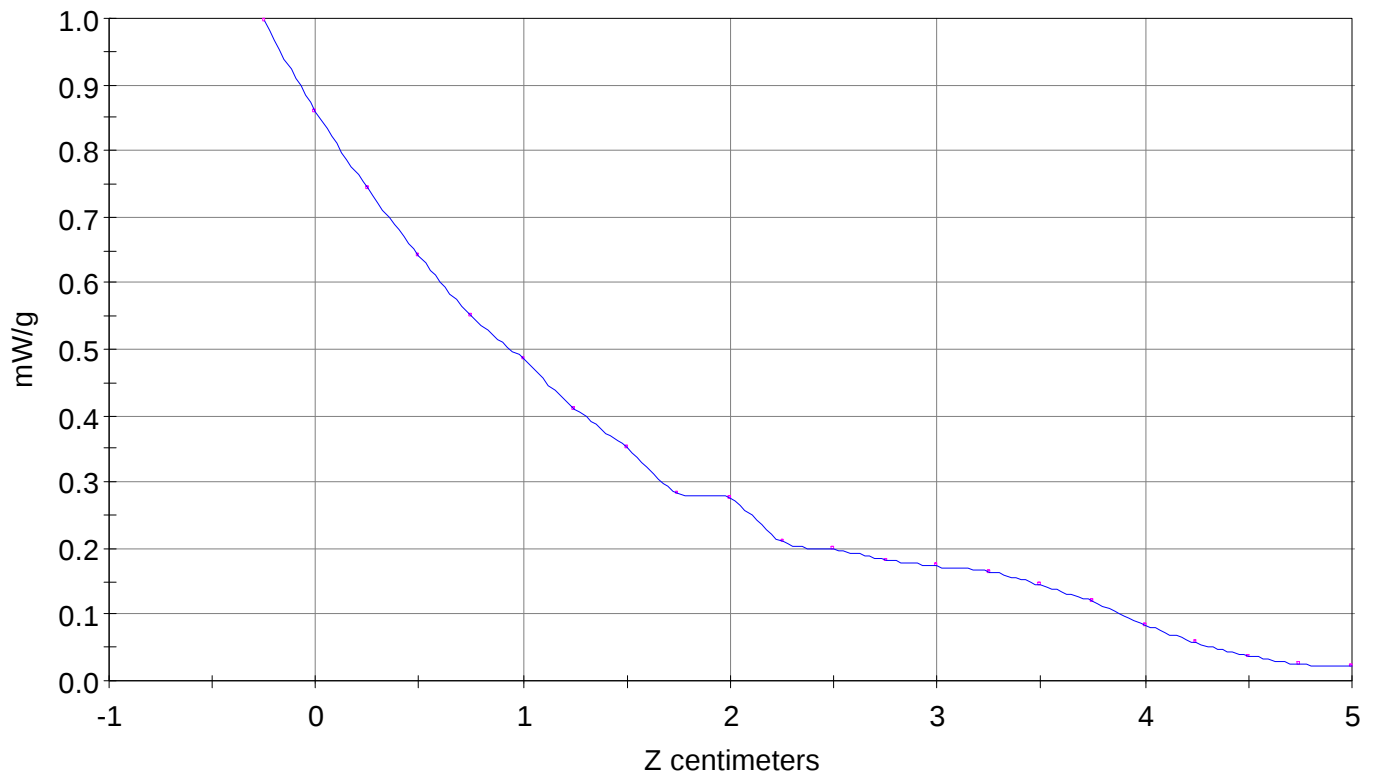
SAR Scan

File : 01030619_ZOOM

Start : 6-Mar-101 03:53:15 pm End : 6-Mar-101 04:05:52 pm

SAMSUNG/SCH-i300/1;848.97MHz;W;Helical/In;

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

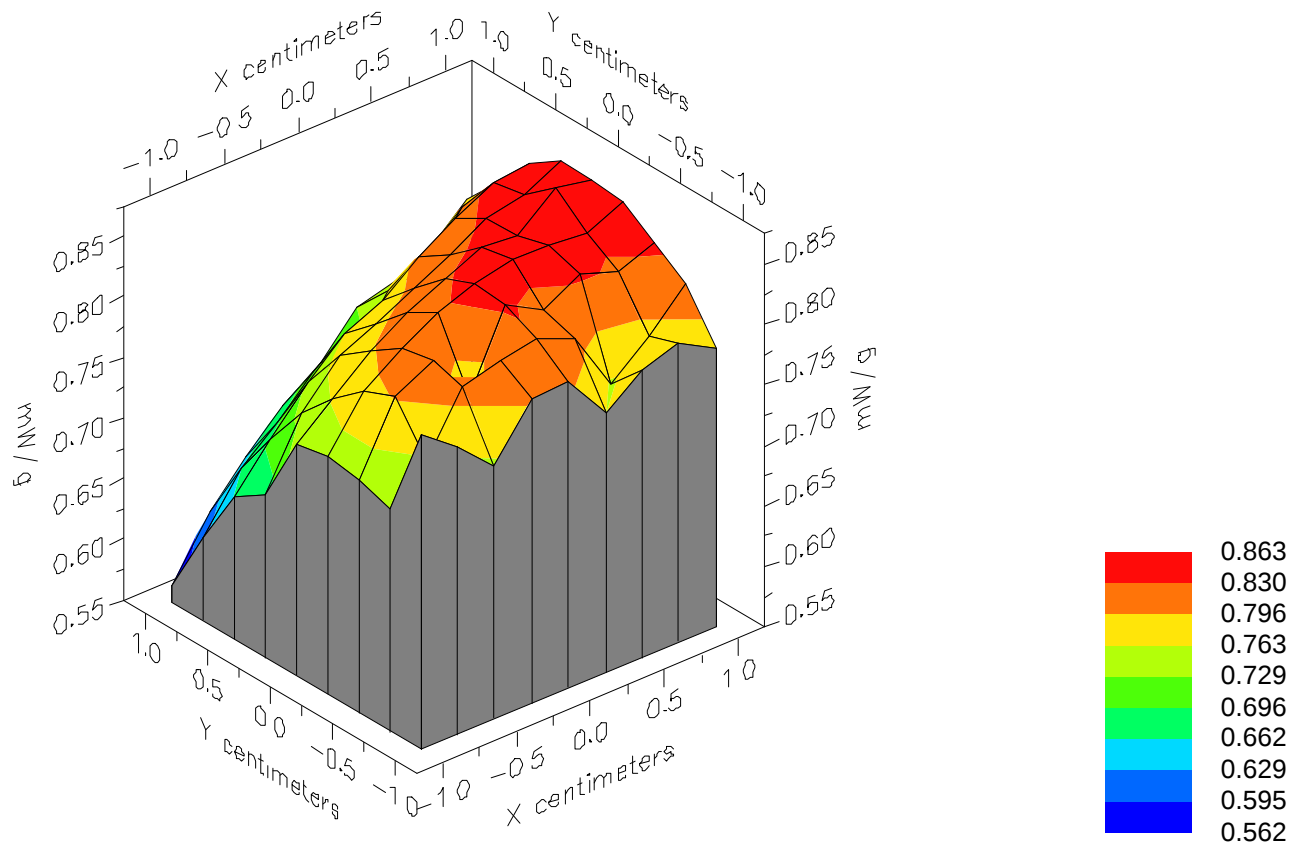


File : 01030619_ZOOM

Start : 6-Mar-101 03:53:15 pm End : 6-Mar-101 04:05:52 pm

SAMSUNG/SCH-i300/1;848.97MHz;W;Helical/In;

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

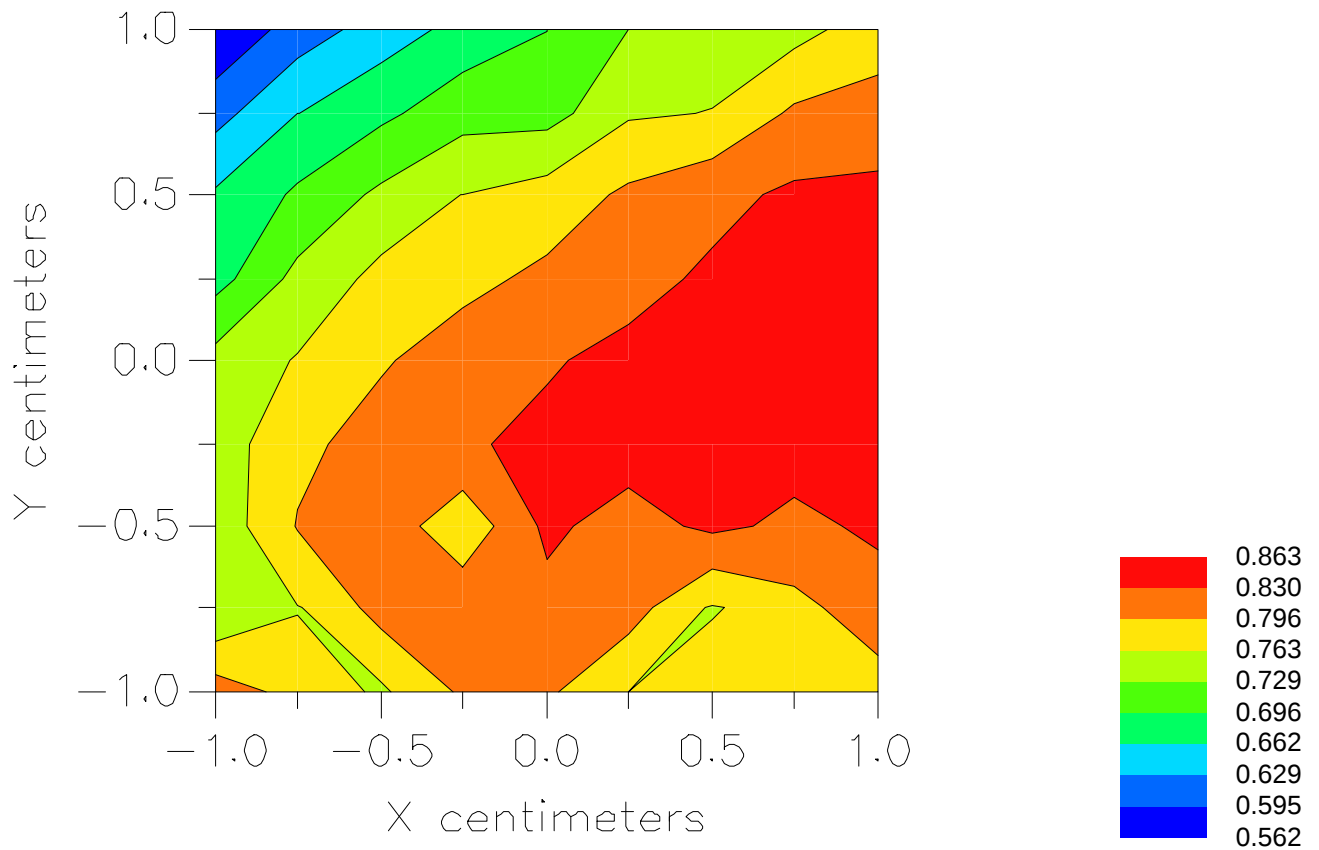


File : 01030619_ZOOM

Start : 6-Mar-101 03:53:15 pm End : 6-Mar-101 04:05:52 pm

SAMSUNG/SCH-i300/1;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/01030622_ZOOM.VLT
Start : 6-Mar-101 04:43:12 pm End : 6-Mar-101 04:55:53 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 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 26.5 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 = 0.000, Z = 0.000 (cm) Value = 9.960

Measured Values (volts) =
9.831E-003 8.299E-003 7.054E-003 6.143E-003 5.329E-003 4.428E-003
3.674E-003 3.049E-003 2.687E-003 2.343E-003 2.196E-003 2.073E-003
2.000E-003 1.818E-003 1.561E-003 1.190E-003 8.537E-004 5.284E-004
2.954E-004 2.129E-004 2.360E-004

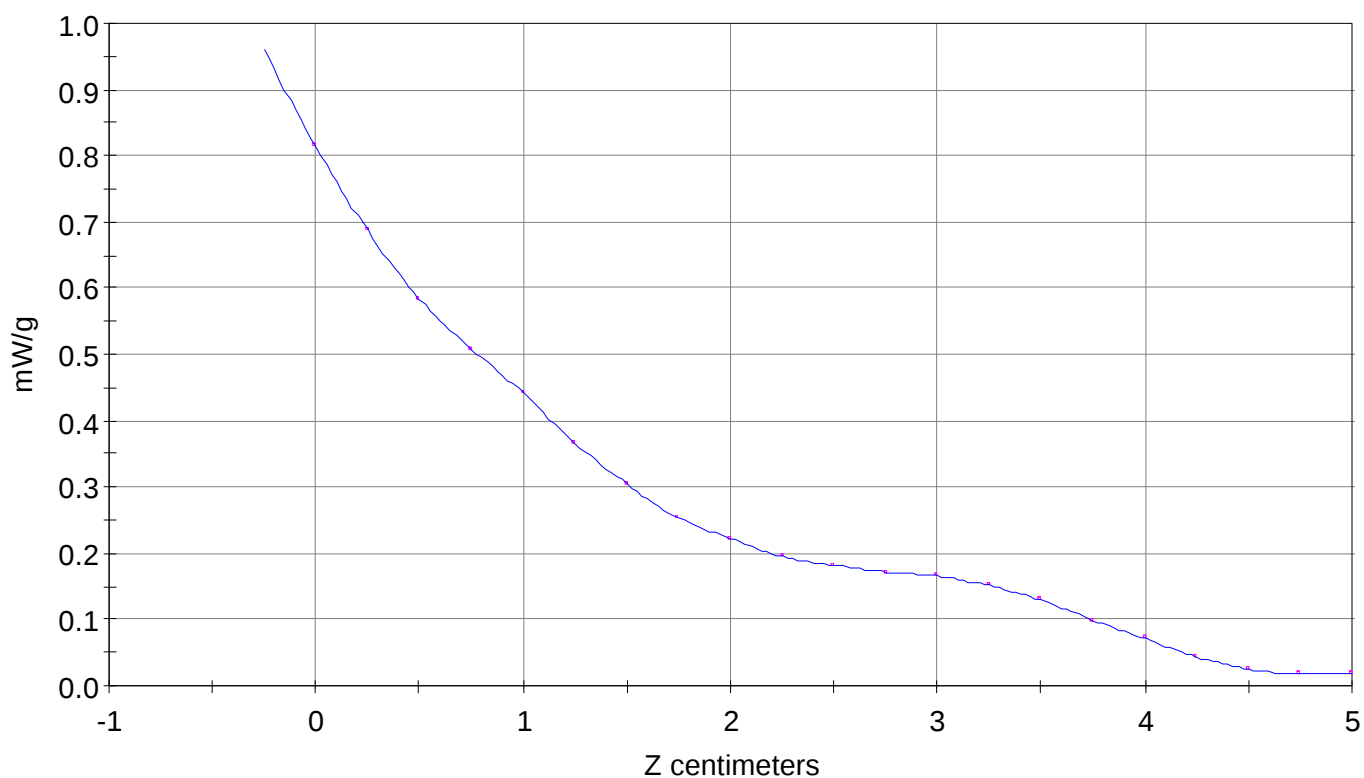
Calc. Voltage @ Surface (Vs) = 0.0116

Voltage @ 1.00 cm (Vt) = 0.0061

Ave. Voltage (Vs+Vt)/2 = 0.0089

Ave. SAR over 1 g (mW/g) = 0.7346

SAR Scan
File : 01030622_ZOOM
Start : 6-Mar-101 04:43:12 pm End : 6-Mar-101 04:55:53 pm
SAMSUNG/SCH-i300/1;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

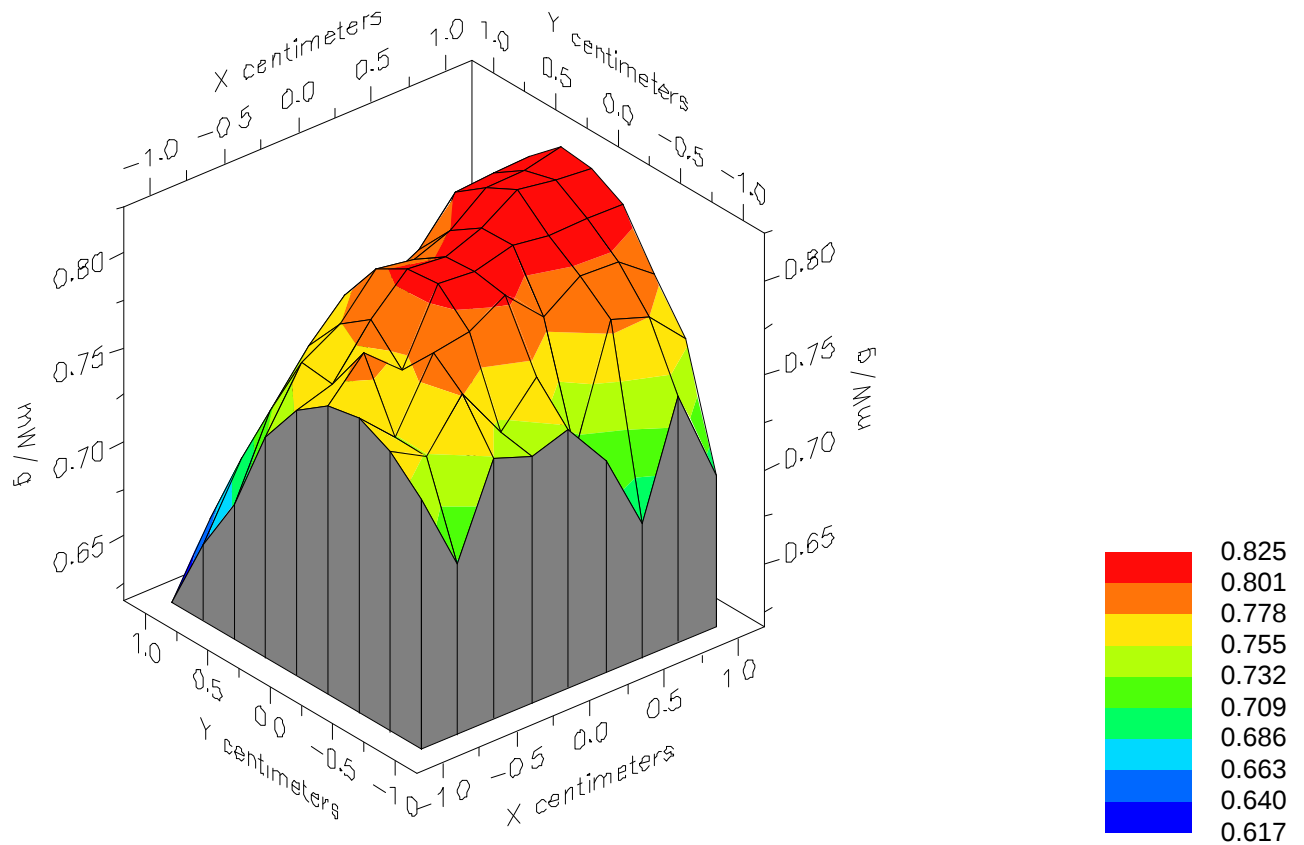


File : 01030622_ZOOM

Start : 6-Mar-101 04:43:12 pm End : 6-Mar-101 04:55:53 pm

SAMSUNG/SCH-i300/1;848.97MHz;W;Helical/Out;

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

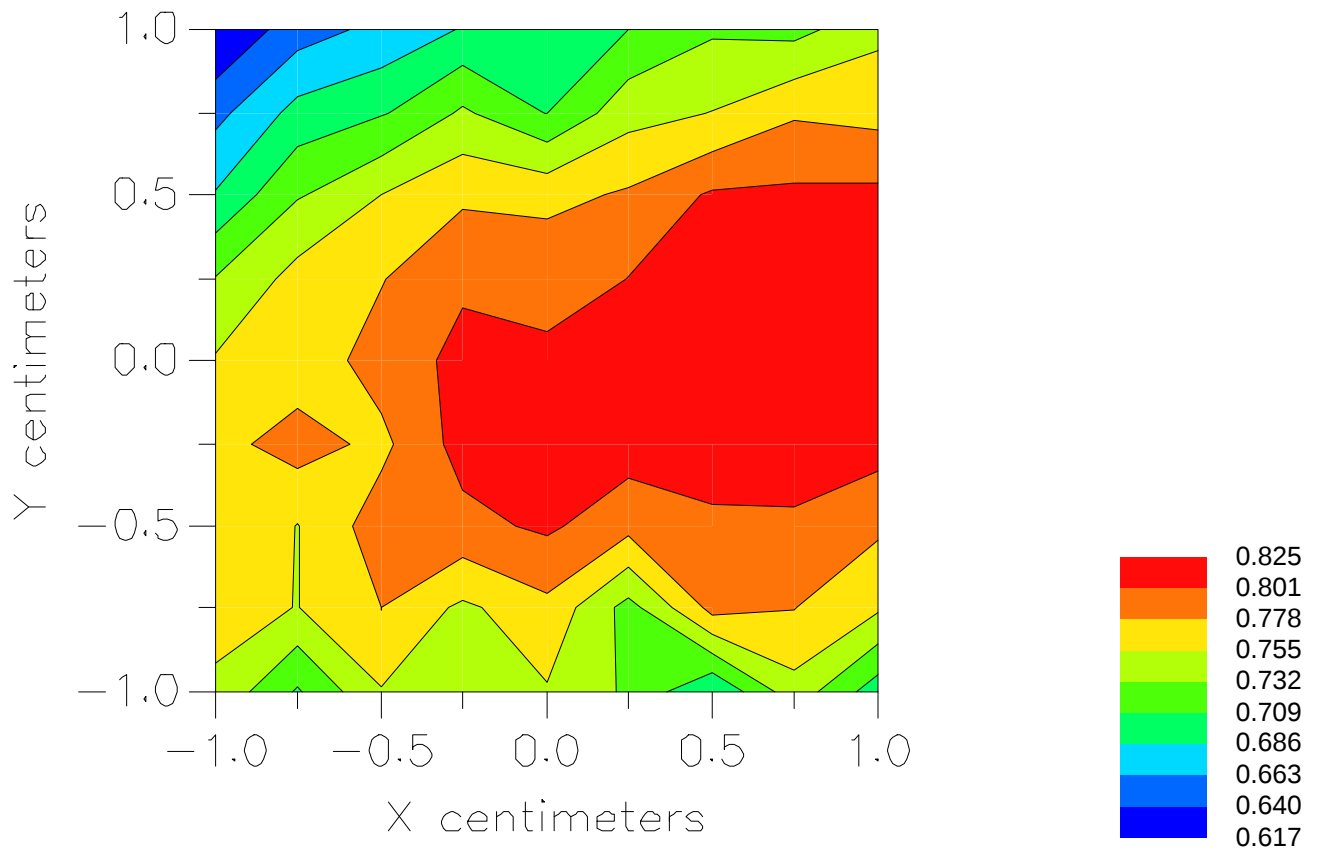


File : 01030622_ZOOM

Start : 6-Mar-101 04:43:12 pm End : 6-Mar-101 04:55:53 pm

SAMSUNG/SCH-i300/1;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/01030623_ZOOM.VLT
Start : 6-Mar-101 05:17:05 pm End : 6-Mar-101 05:29:45 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 26.0 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 = 9.352

Measured Values (volts) =
7.930E-003 6.310E-003 5.241E-003 4.319E-003 3.602E-003 2.988E-003
2.513E-003 2.240E-003 2.003E-003 1.862E-003 1.684E-003 1.438E-003
1.182E-003 8.803E-004 5.890E-004 3.412E-004 1.605E-004 1.035E-004
1.168E-004 2.088E-004 3.056E-004

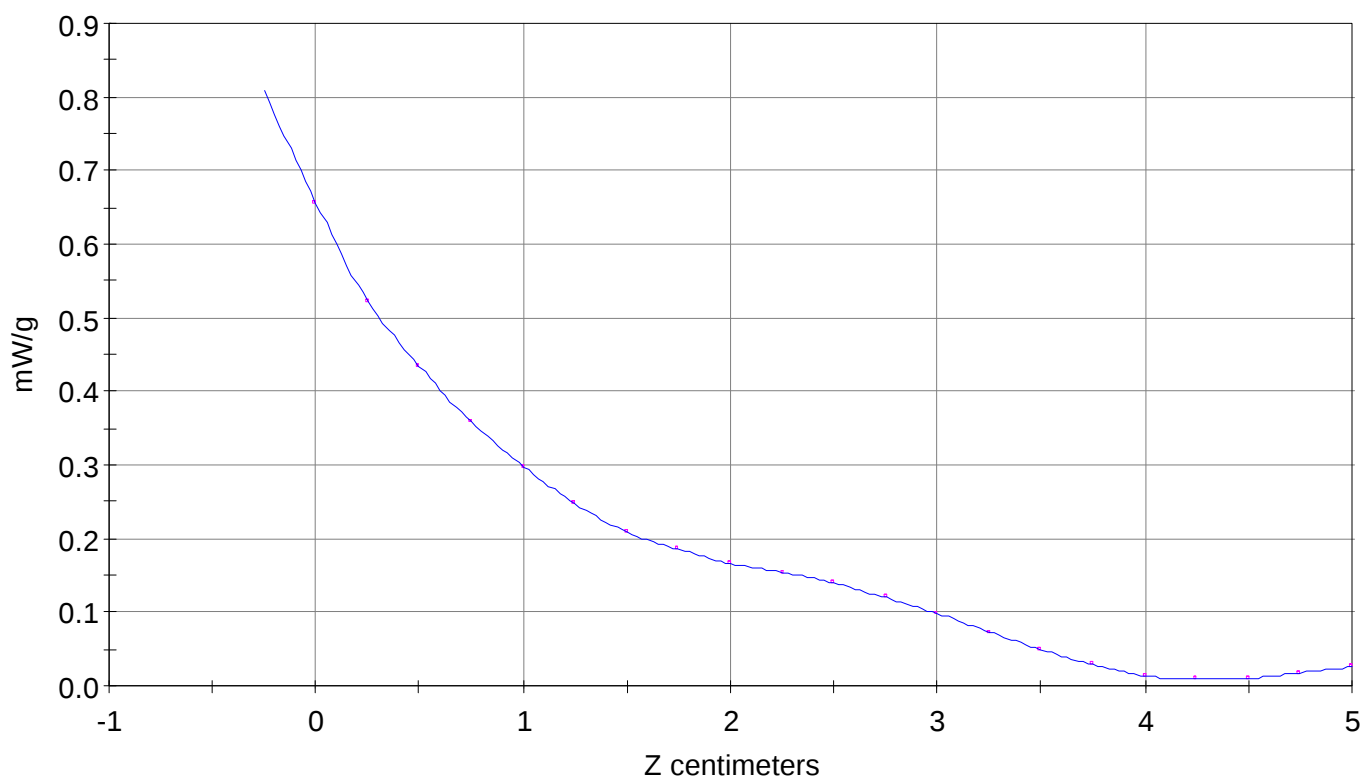
Calc. Voltage @ Surface (Vs) = 0.0098

Voltage @ 1.00 cm (Vt) = 0.0043

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

Ave. SAR over 1 g (mW/g) = 0.5826

SAR Scan
File : 01030623_ZOOM
Start : 6-Mar-101 05:17:05 pm End : 6-Mar-101 05:29:45 pm
SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

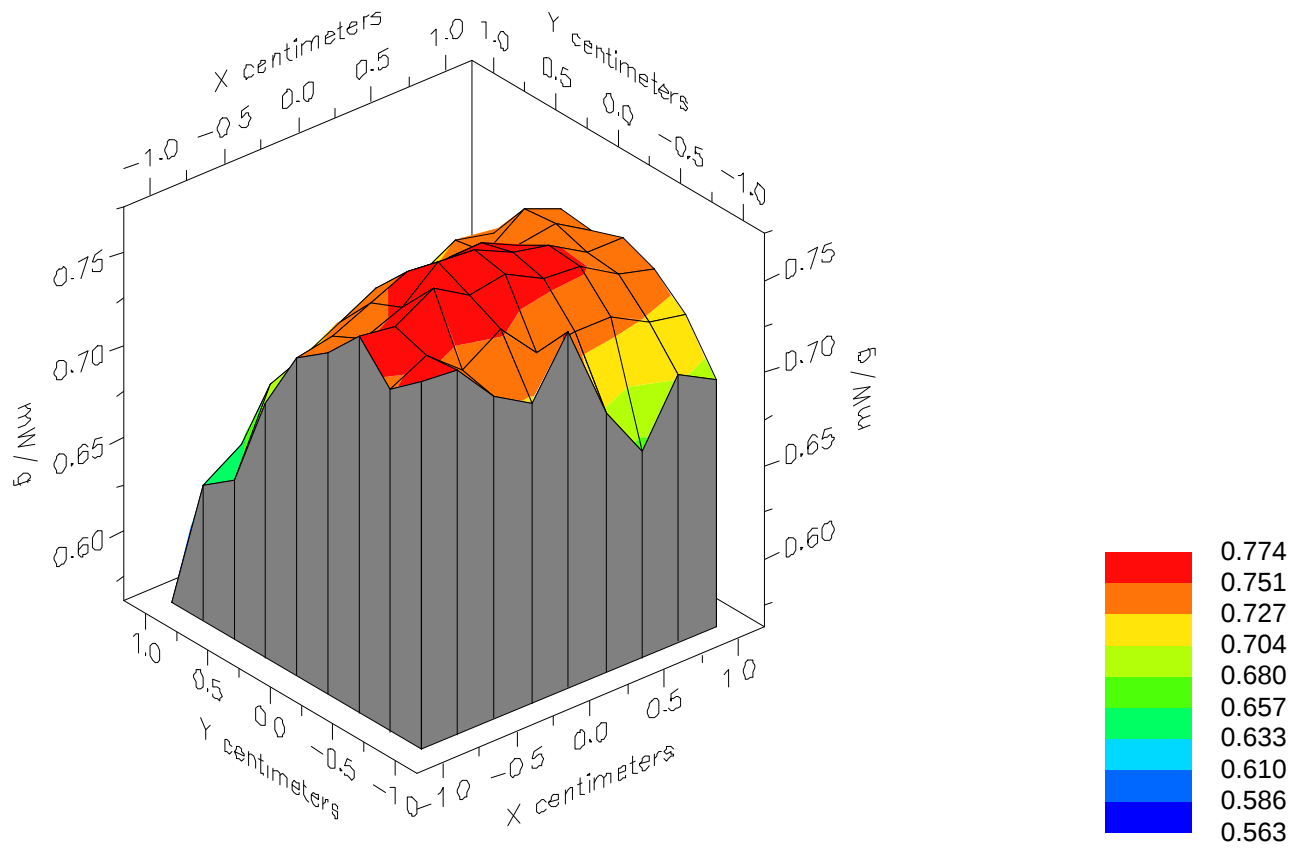


File : 01030623_ZOOM

Start : 6-Mar-101 05:17:05 pm End : 6-Mar-101 05:29:45 pm

SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/In;

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

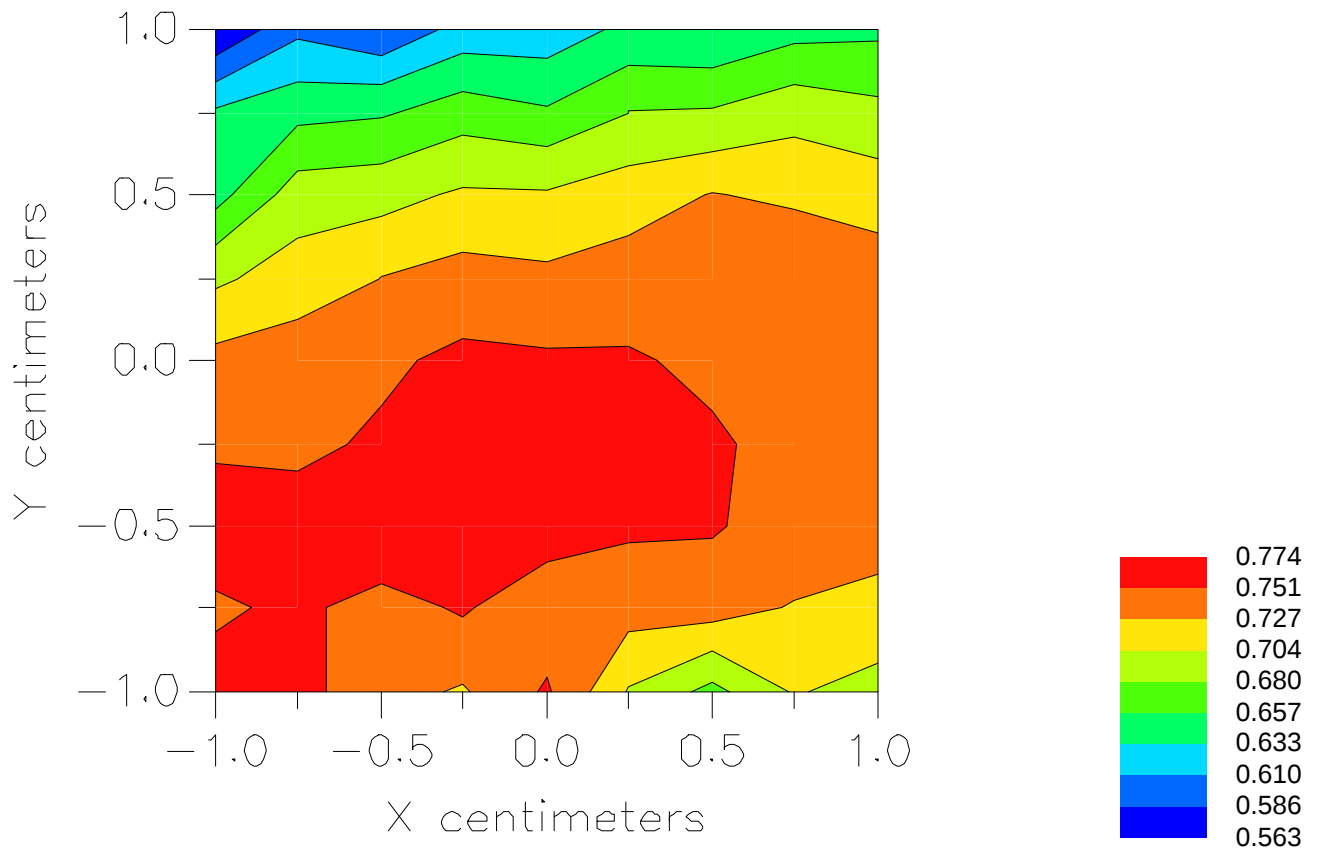


File : 01030623_ZOOM

Start : 6-Mar-101 05:17:05 pm End : 6-Mar-101 05:29:45 pm

SAMSUNG/SCH-i300/1;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/01030625_ZOOM.VLT
Start : 6-Mar-101 05:41:39 pm End : 6-Mar-101 05:53:33 pm

Radio Type : SAMSUNG
Model Number : SCH-i300
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 26.0 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 = -2.000, Y = -1.500, Z = 0.000 (cm) Value = 8.406

Measured Values (volts) =
6.846E-003 5.411E-003 4.399E-003 3.622E-003 2.999E-003 2.583E-003
2.297E-003 2.203E-003 1.974E-003 1.807E-003 1.594E-003 1.247E-003
9.103E-004 5.958E-004 3.162E-004 1.849E-004 1.349E-004 2.085E-004
3.234E-004 4.325E-004 4.277E-004

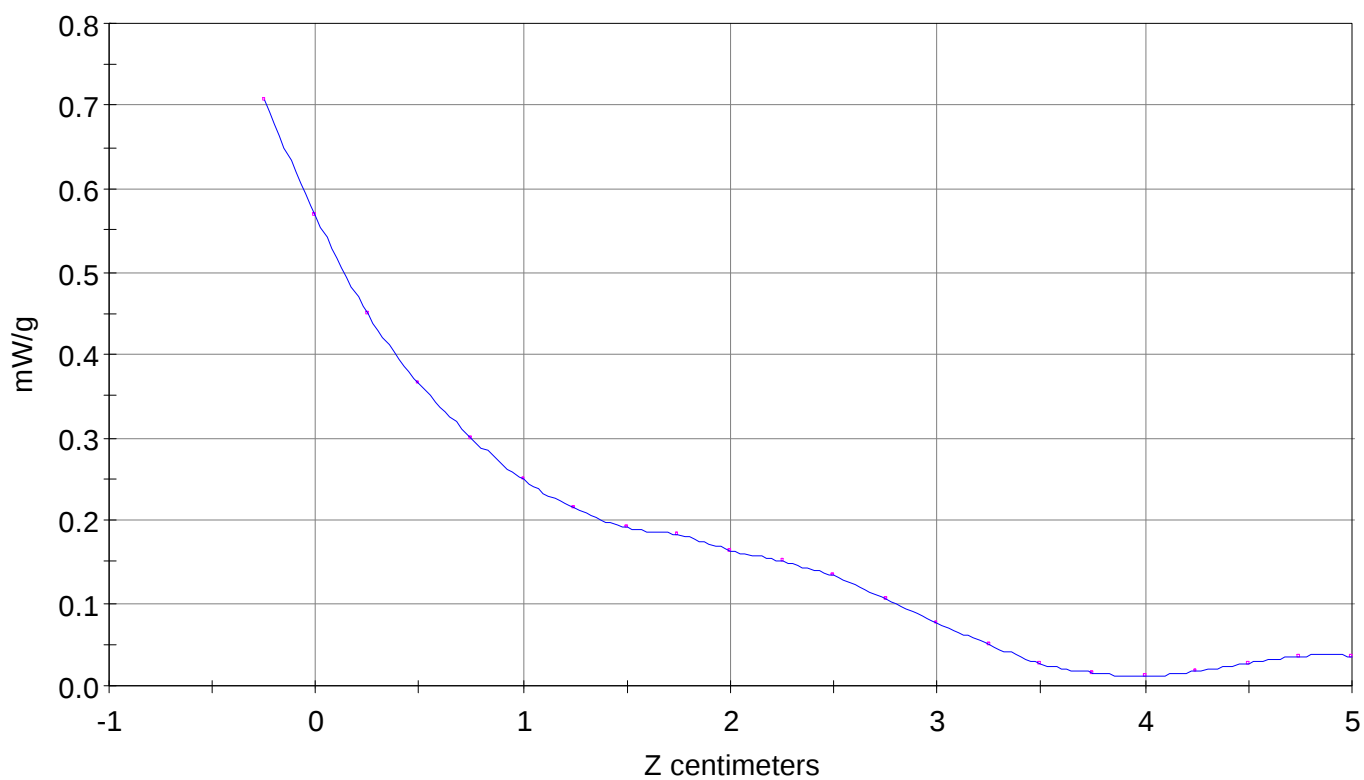
Calc. Voltage @ Surface (Vs) = 0.0085

Voltage @ 1.00 cm (Vt) = 0.0036

Ave. Voltage (Vs+Vt)/2 = 0.0061

Ave. SAR over 1 g (mW/g) = 0.5034

SAR Scan
File : 01030625_ZOOM
Start : 6-Mar-101 05:41:39 pm End : 6-Mar-101 05:53:33 pm
SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

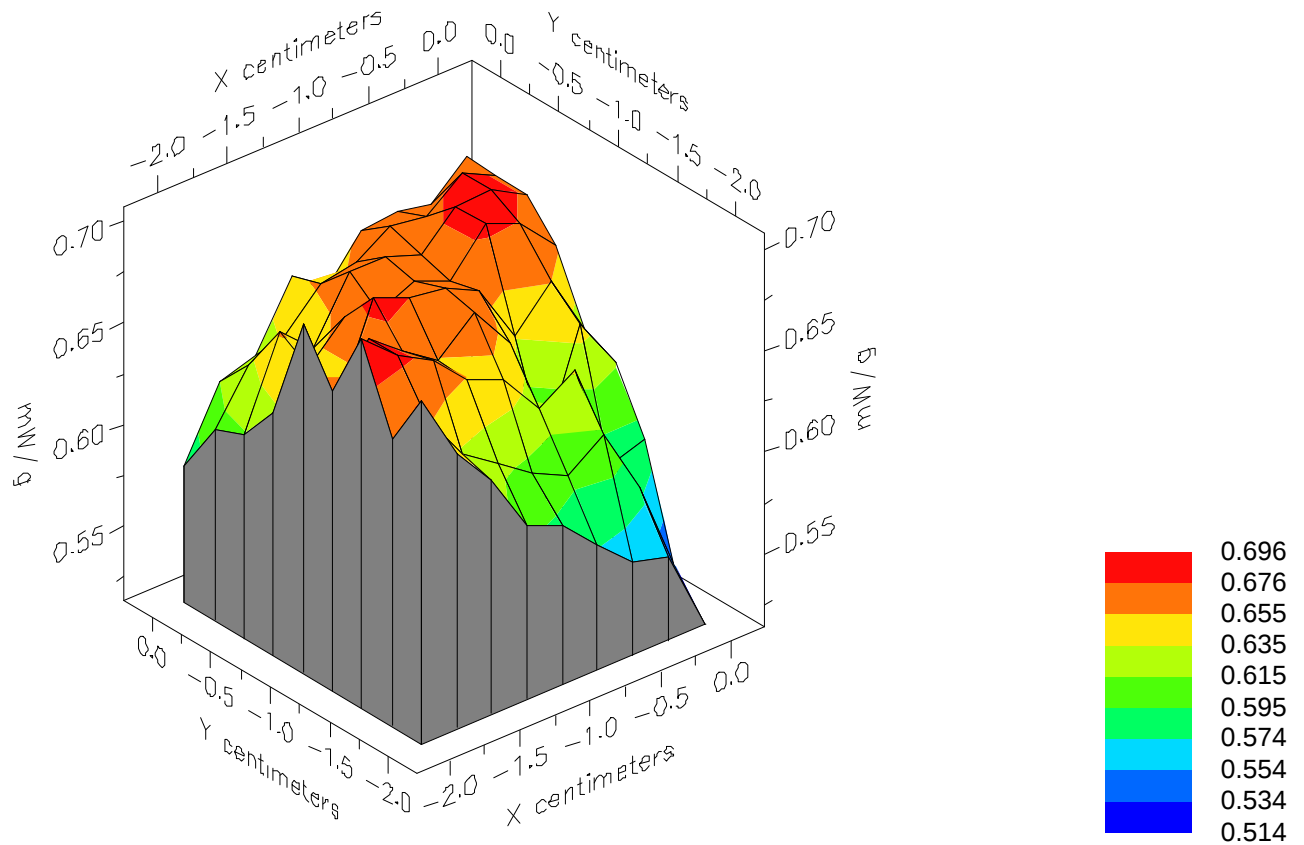


File : 01030625_ZOOM

Start : 6-Mar-101 05:41:39 pm End : 6-Mar-101 05:53:33 pm

SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/Out;

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



File : 01030625_ZOOM

Start : 6-Mar-101 05:41:39 pm End : 6-Mar-101 05:53:33 pm

SAMSUNG/SCH-i300/1;835.89MHz;W;Helical/Out;

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

