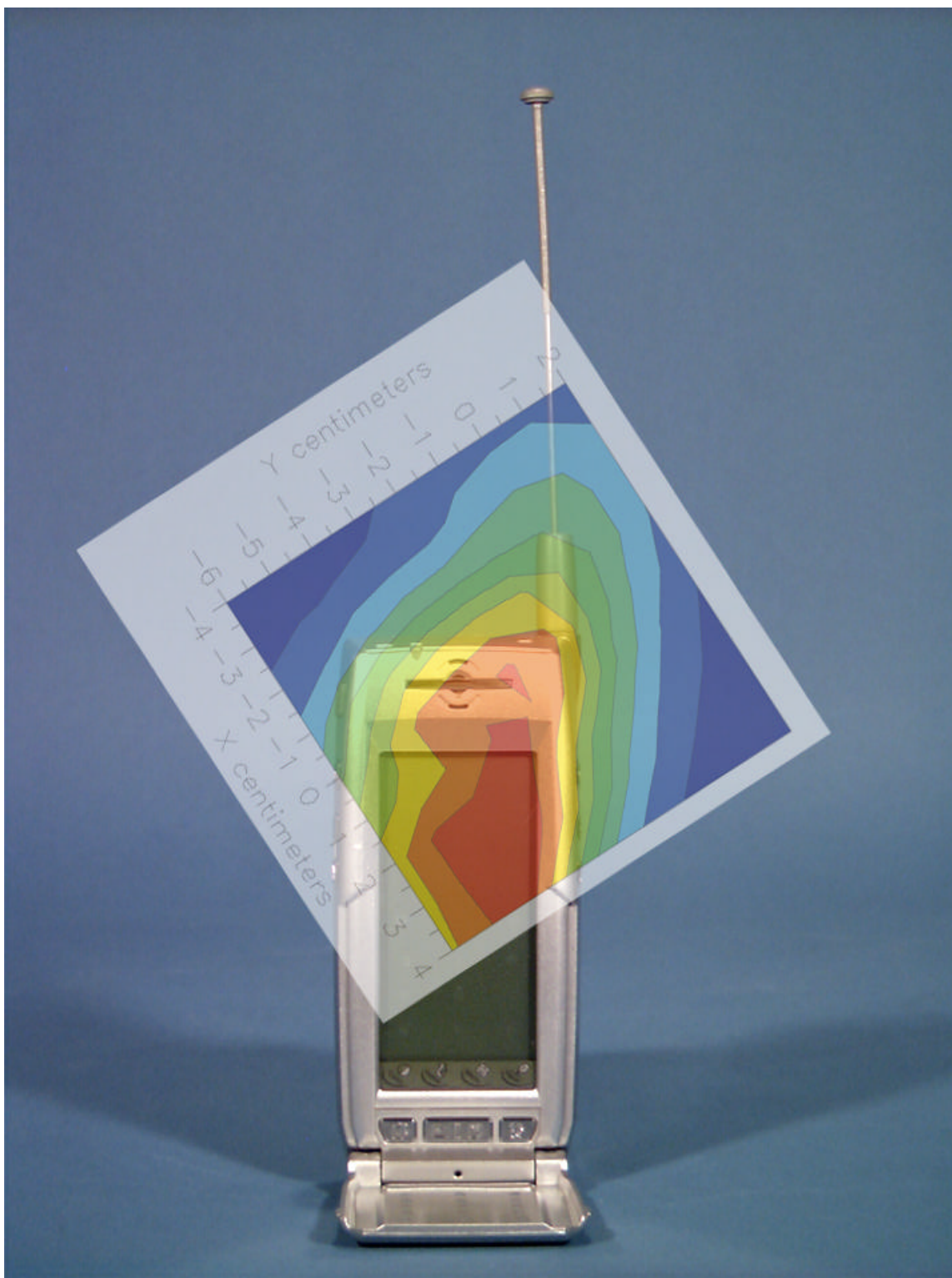


ATTACHMENT O – SAR TEST DATA

Peak SAR Location

Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01050308_ZOOM.VLT
Start : 3-May-101 11:08:17 am End : 3-May-101 11:17:41 am

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 26.0 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 = -4.000, Z = 0.000 (cm) Value = 14.602

Measured Values (volts) =
1.458E-002 1.135E-002 9.651E-003 7.949E-003 6.772E-003 5.817E-003
5.064E-003 4.500E-003 4.160E-003 3.848E-003 3.574E-003 3.293E-003
2.847E-003 2.482E-003 2.051E-003 1.603E-003 1.228E-003 9.585E-004
8.371E-004 9.009E-004 9.848E-004

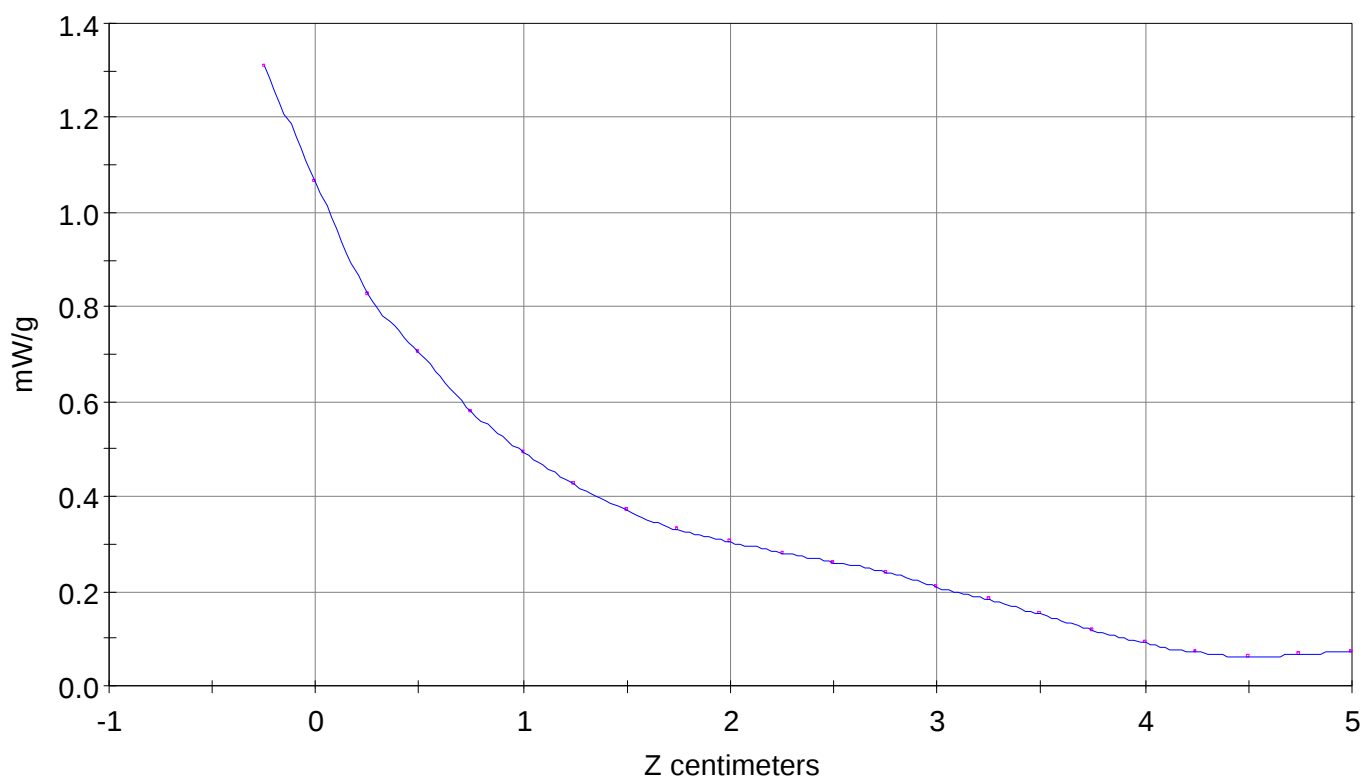
Calc. Voltage @ Surface (Vs) = 0.0179

Voltage @ 1.00 cm (Vt) = 0.0079

Ave. Voltage (Vs+Vt)/2 = 0.0129

Ave. SAR over 1 g (mW/g) = 0.9442

SAR Scan
File : 01050308_ZOOM
Start : 3-May-101 11:08:17 am End : 3-May-101 11:17:41 am
SAMSUNG/SCH-I355/1;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

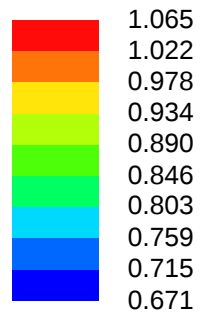
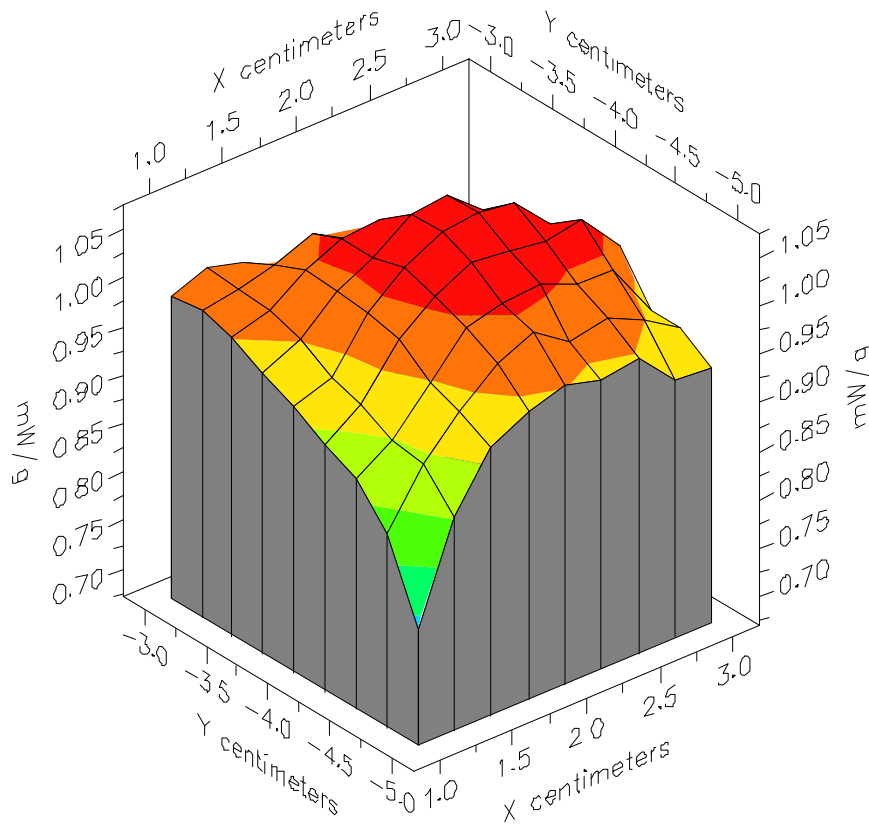


File : 01050308_ZOOM

Start : 3-May-101 11:08:17 am End : 3-May-101 11:17:41 am

SAMSUNG/SCH-I355/1;824.04MHz;W;Helical/In;

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

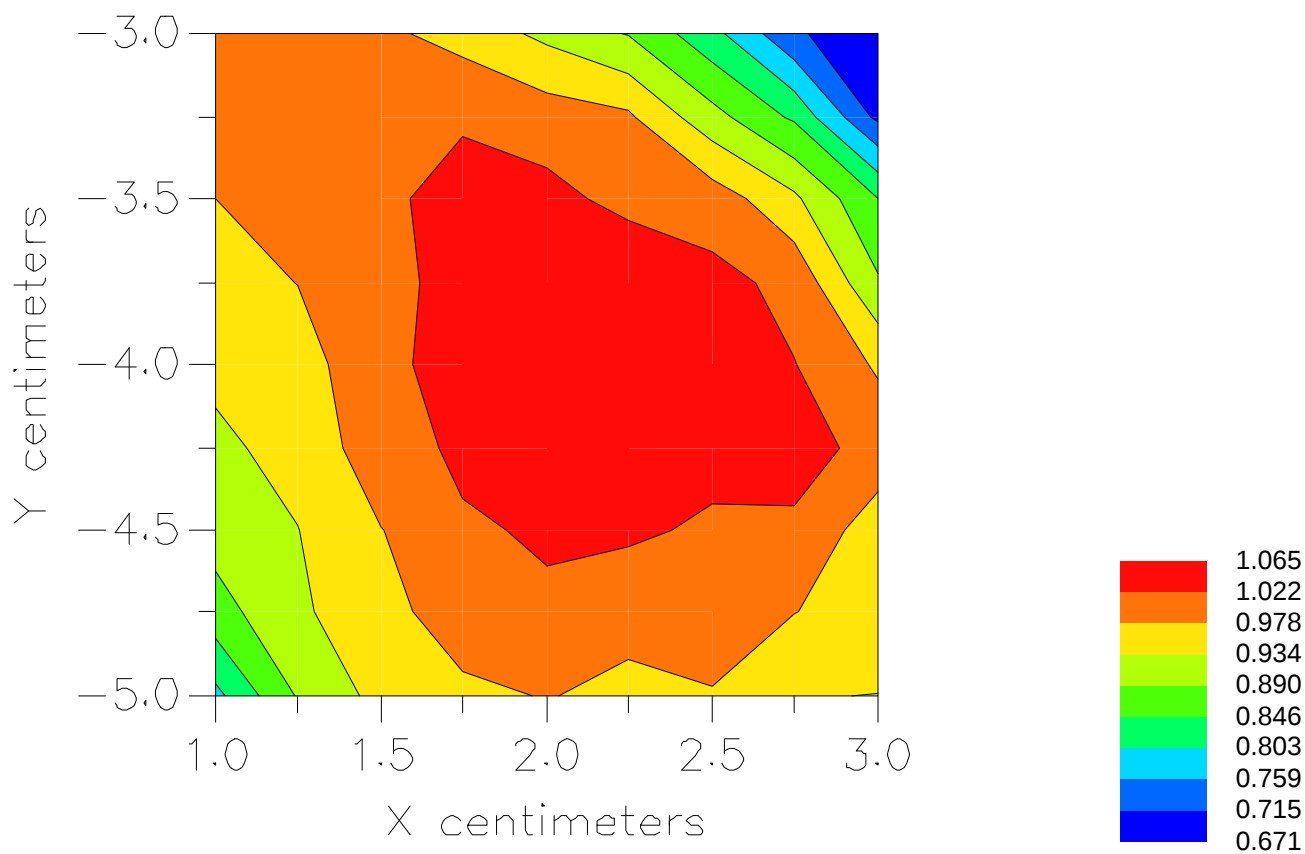


File : 01050308_ZOOM

Start : 3-May-101 11:08:17 am End : 3-May-101 11:17:41 am

SAMSUNG/SCH-I355/1;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/01050307_ZOOM.VLT
Start : 3-May-101 10:54:10 am End : 3-May-101 11:04:48 am

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 26.0 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 = -4.000, Z = 0.000 (cm) Value = 20.830

Measured Values (volts) =
2.005E-002 1.682E-002 1.418E-002 1.193E-002 1.024E-002 8.641E-003
7.526E-003 6.675E-003 6.076E-003 5.660E-003 5.264E-003 4.814E-003
4.382E-003 3.840E-003 3.183E-003 2.585E-003 1.957E-003 1.478E-003
1.242E-003 1.191E-003 1.354E-003

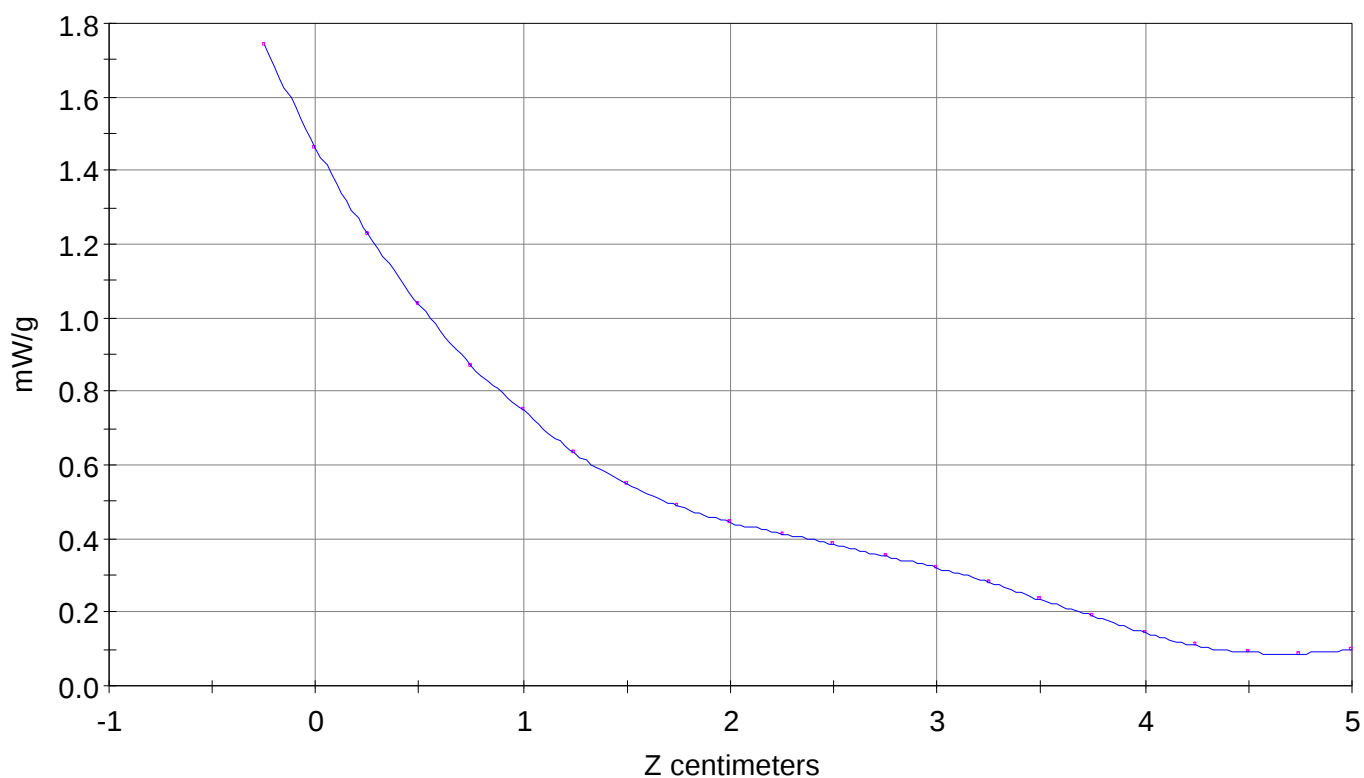
Calc. Voltage @ Surface (Vs) = 0.0239

Voltage @ 1.00 cm (Vt) = 0.0119

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

Ave. SAR over 1 g (mW/g) = 1.3052

SAR Scan
File : 01050307_ZOOM
Start : 3-May-101 10:54:10 am End : 3-May-101 11:04:48 am
SAMSUNG/SCH-I355/1;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

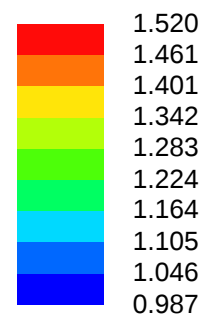
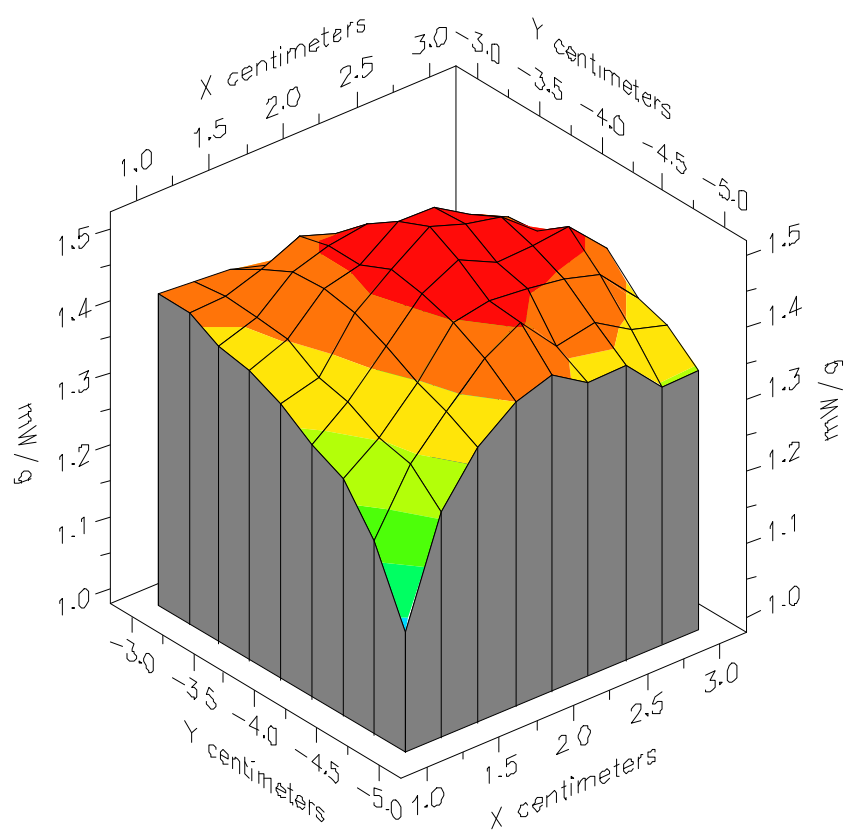


File : 01050307_ZOOM

Start : 3-May-101 10:54:10 am End : 3-May-101 11:04:48 am

SAMSUNG/SCH-I355/1;824.04MHz;W;Helical/Out;

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

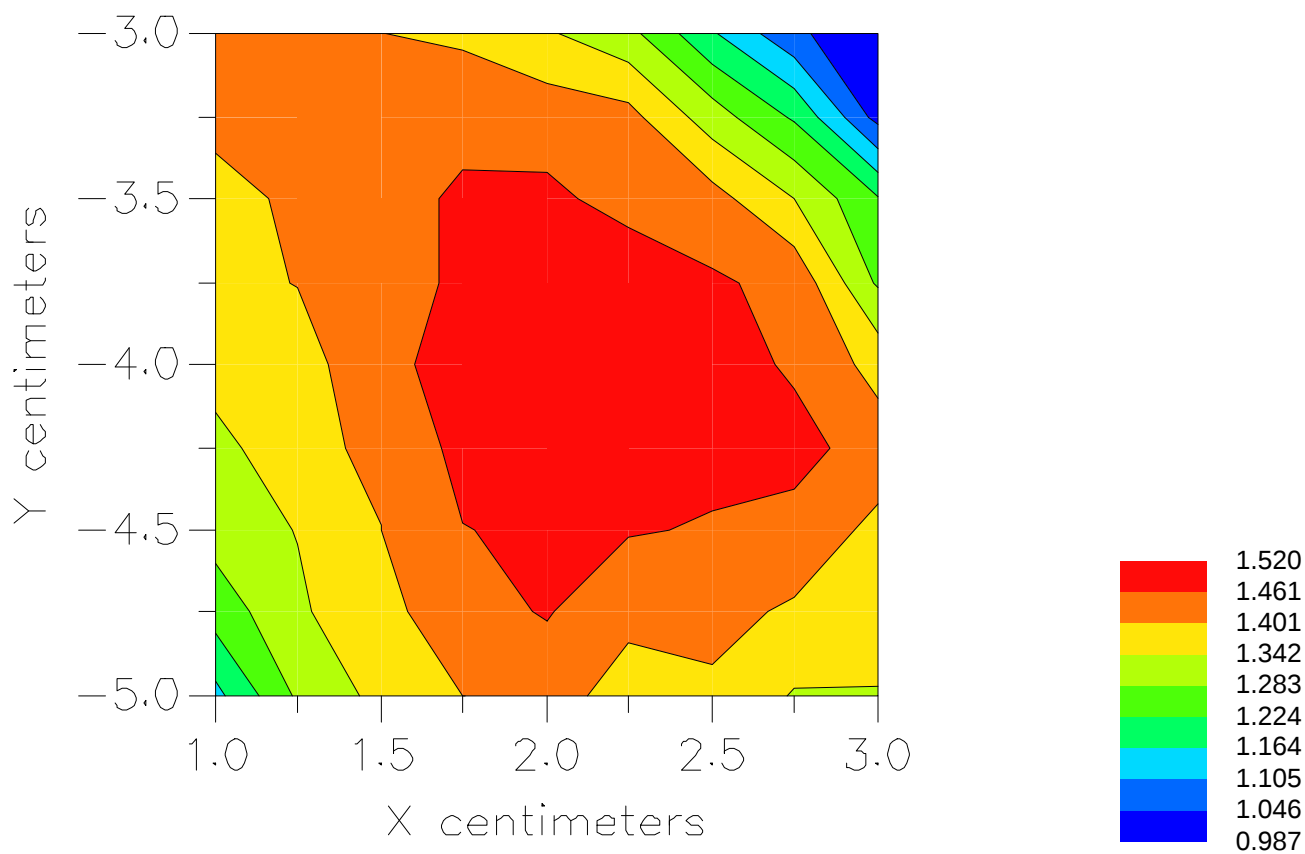


File : 01050307_ZOOM

Start : 3-May-101 10:54:10 am End : 3-May-101 11:04:48 am

SAMSUNG/SCH-I355/1;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/01050311_ZOOM.VLT
Start : 3-May-101 11:41:19 am End : 3-May-101 11:50:40 am

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 26.0 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 = 2.500, Y = -4.000, Z = 0.000 (cm) Value = 15.474

Measured Values (volts) =
1.552E-002 1.224E-002 1.001E-002 8.505E-003 6.980E-003 6.011E-003
5.263E-003 4.749E-003 4.277E-003 4.012E-003 3.719E-003 3.407E-003
3.009E-003 2.588E-003 2.103E-003 1.690E-003 1.325E-003 1.081E-003
9.548E-004 9.645E-004 1.062E-003

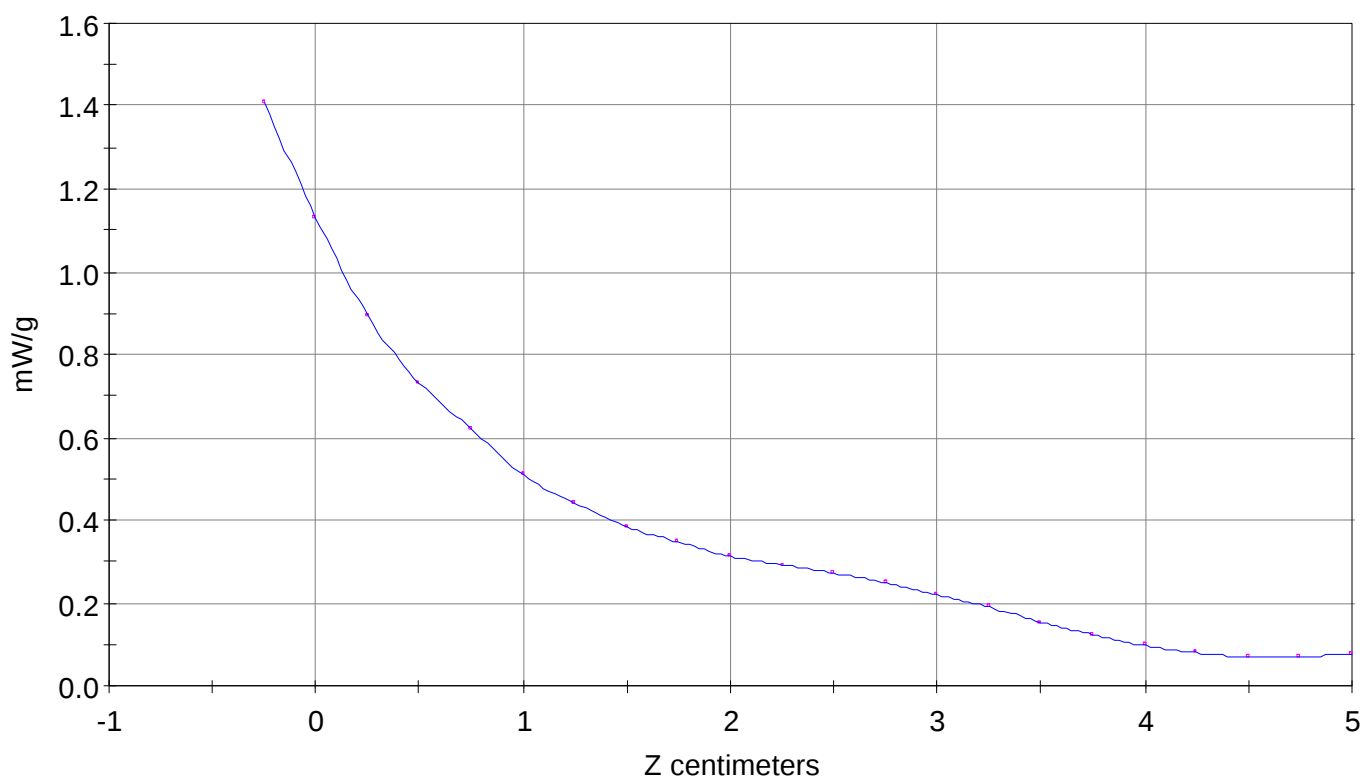
Calc. Voltage @ Surface (Vs) = 0.0193

Voltage @ 1.00 cm (Vt) = 0.0085

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

Ave. SAR over 1 g (mW/g) = 1.0152

SAR Scan
File : 01050311_ZOOM
Start : 3-May-101 11:41:19 am End : 3-May-101 11:50:40 am
SAMSUNG/SCH-I355/1;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

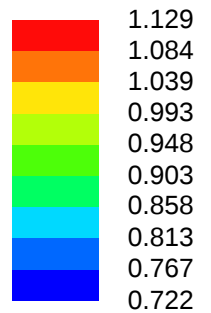
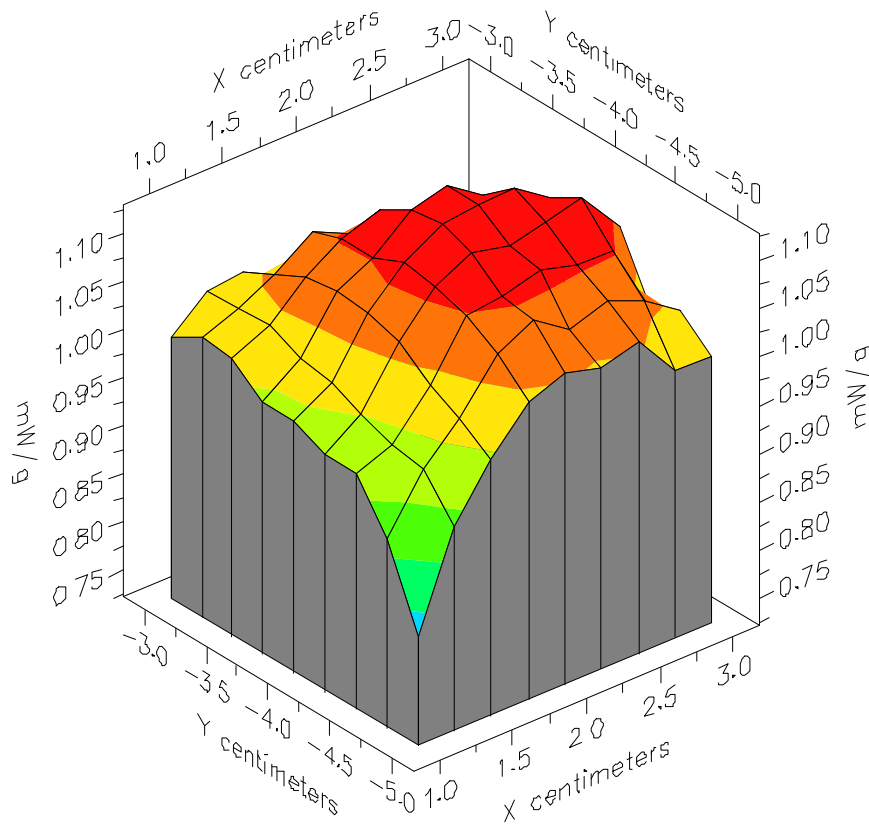


File : 01050311_ZOOM

Start : 3-May-101 11:41:19 am End : 3-May-101 11:50:40 am

SAMSUNG/SCH-I355/1;836.49MHz;W;Helical/In;

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

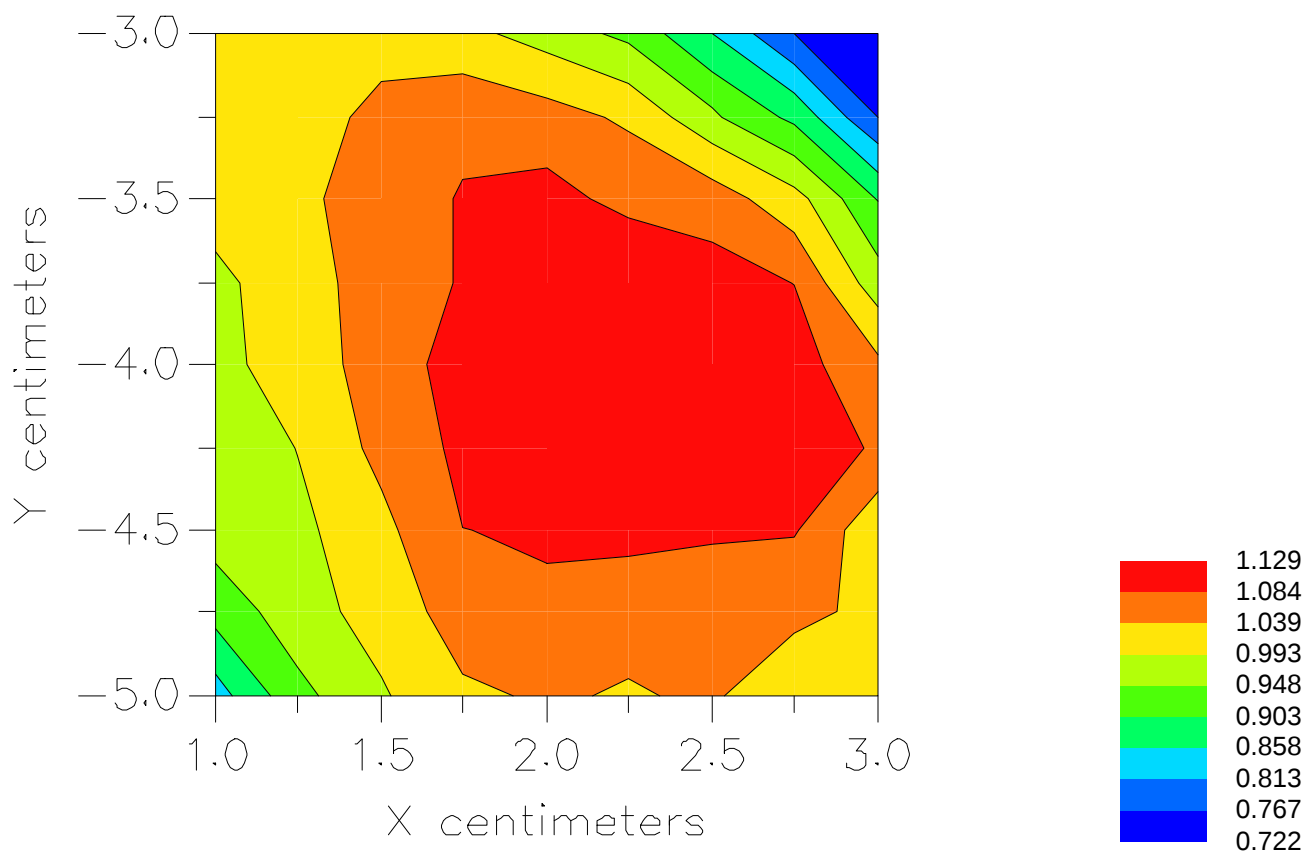


File : 01050311_ZOOM

Start : 3-May-101 11:41:19 am End : 3-May-101 11:50:40 am

SAMSUNG/SCH-I355/1;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/01050310_ZOOM.VLT
Start : 3-May-101 11:31:00 am End : 3-May-101 11:40:21 am

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 26.0 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 = 2.500, Y = -4.000, Z = 0.000 (cm) Value = 21.225

Measured Values (volts) =
2.120E-002 1.710E-002 1.395E-002 1.160E-002 9.825E-003 8.375E-003
7.323E-003 6.474E-003 5.897E-003 5.492E-003 5.208E-003 4.752E-003
4.255E-003 3.735E-003 3.009E-003 2.477E-003 1.938E-003 1.550E-003
1.374E-003 1.374E-003 1.503E-003

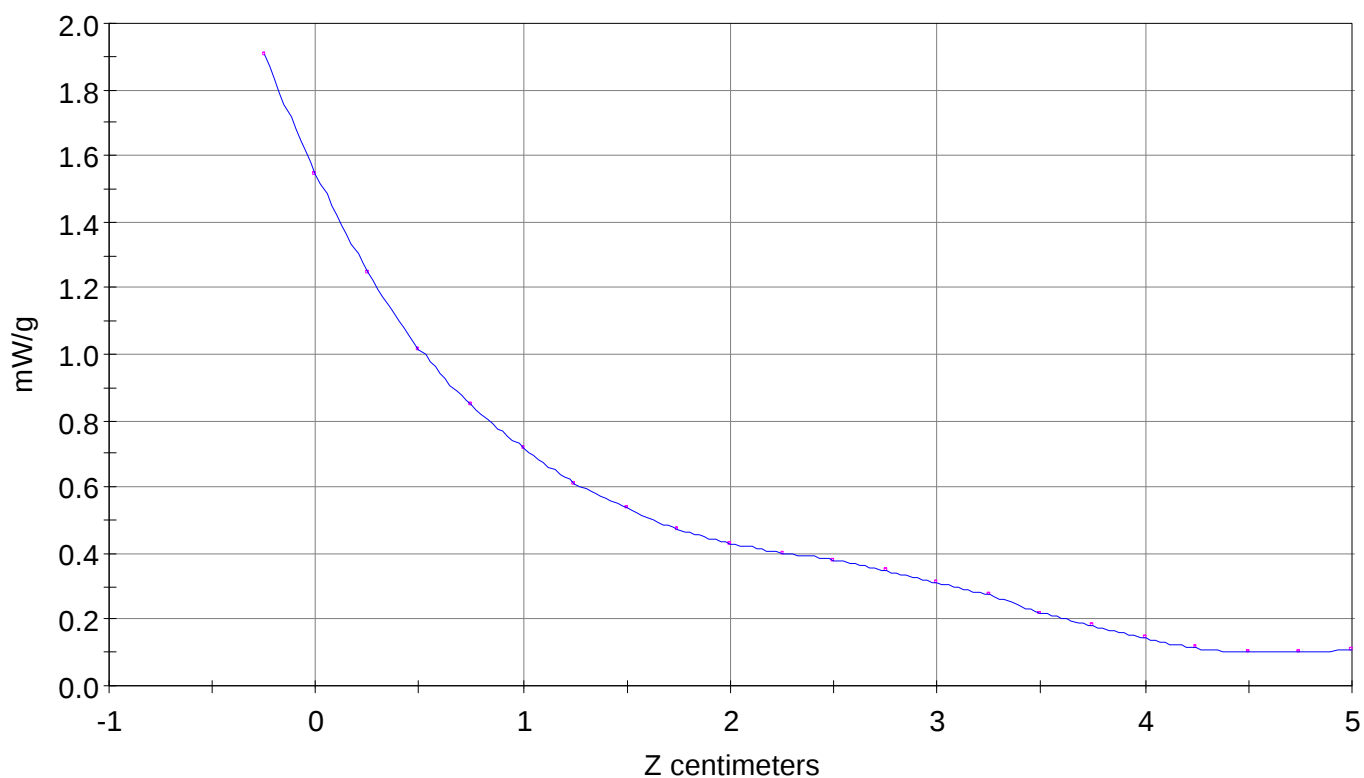
Calc. Voltage @ Surface (Vs) = 0.0261

Voltage @ 1.00 cm (Vt) = 0.0116

Ave. Voltage (Vs+Vt)/2 = 0.0189

Ave. SAR over 1 g (mW/g) = 1.3766

SAR Scan
File : 01050310_ZOOM
Start : 3-May-101 11:31:00 am End : 3-May-101 11:40:21 am
SAMSUNG/SCH-I355/1;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

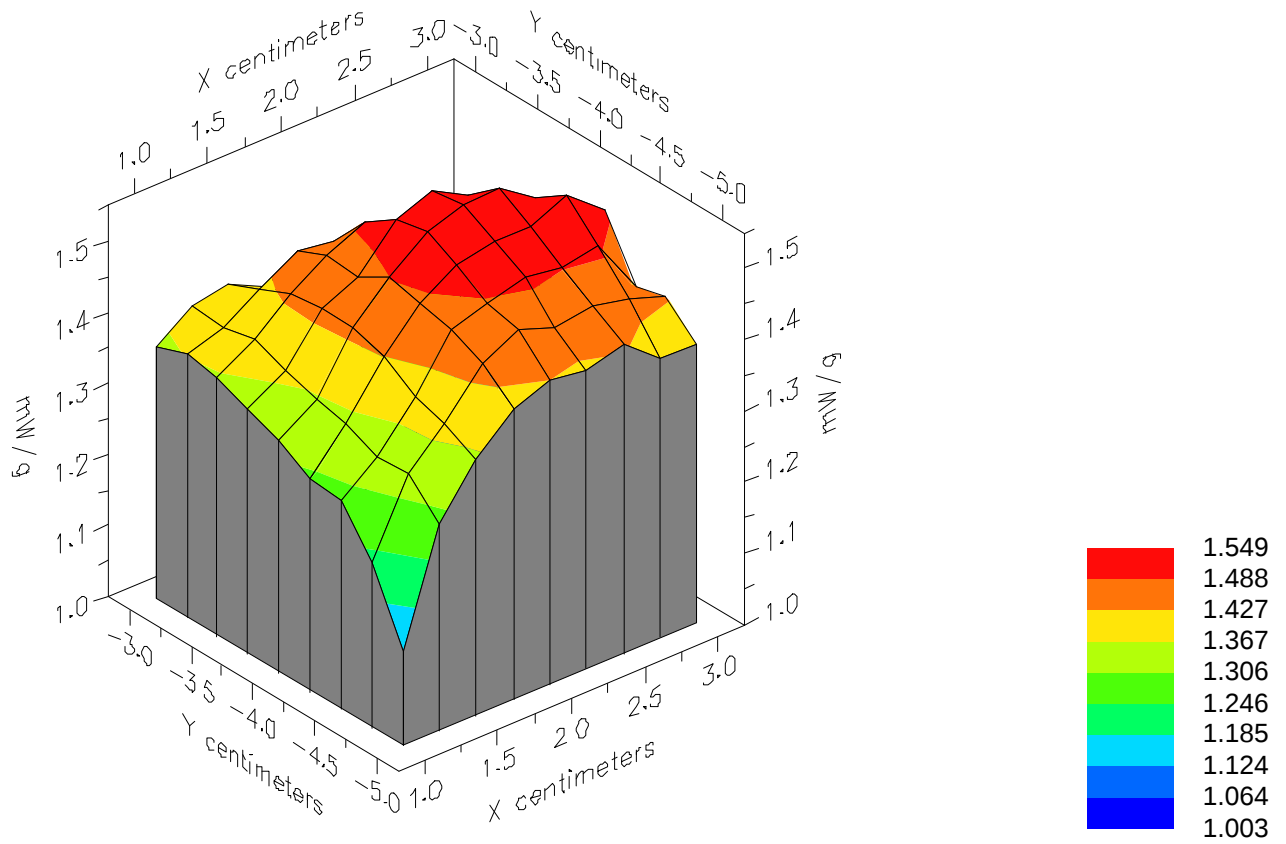


File : 01050310_ZOOM

Start : 3-May-101 11:31:00 am End : 3-May-101 11:40:21 am

SAMSUNG/SCH-I355/1;836.49MHz;W;Helical/Out;

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

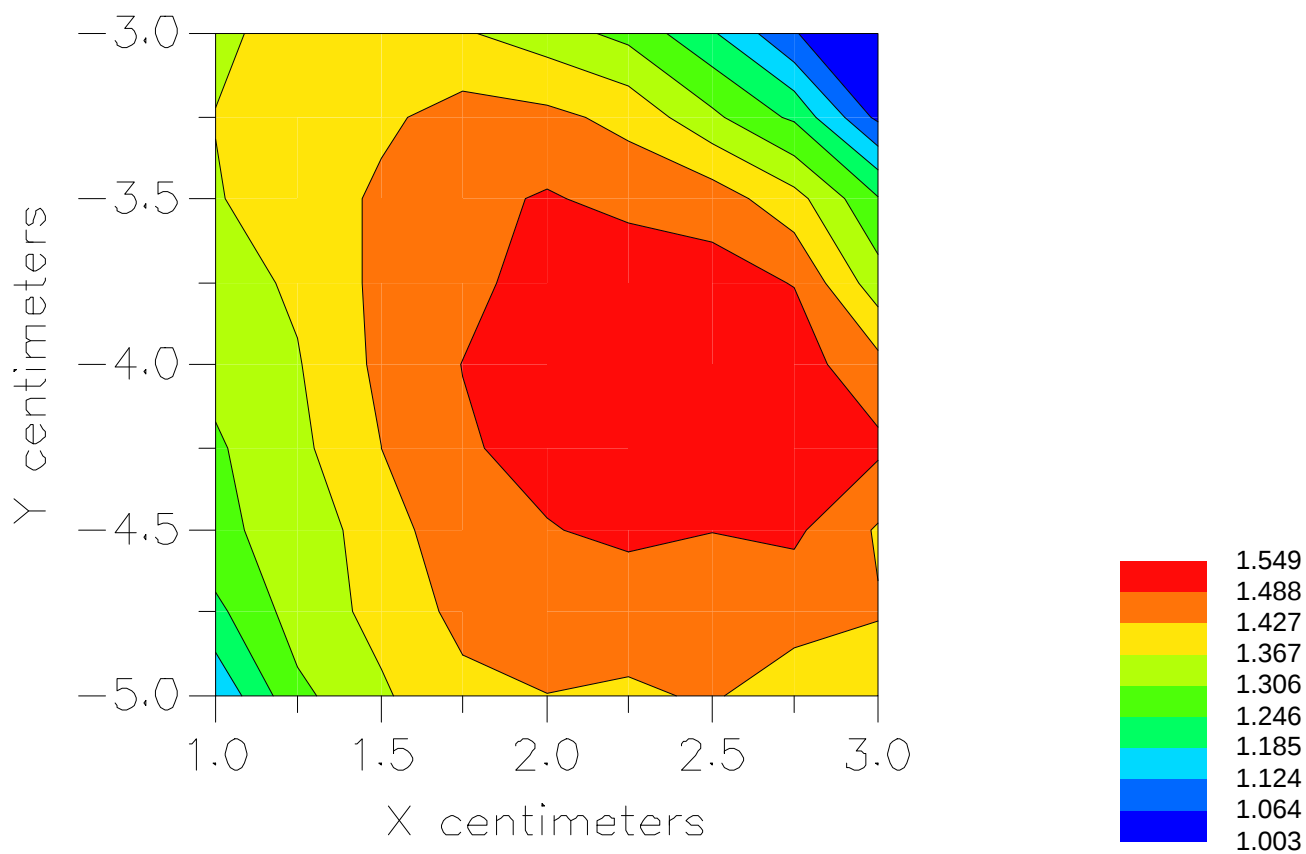


File : 01050310_ZOOM

Start : 3-May-101 11:31:00 am End : 3-May-101 11:40:21 am

SAMSUNG/SCH-I355/1;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/01050220_ZOOM.VLT
Start : 2-May-101 06:10:43 pm End : 2-May-101 06:21:32 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
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 DUAL-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 26.5 dBm
SAMSUNG DUAL-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 = 2.750, Y = -4.000, Z = 0.000 (cm) Value = 15.313

Measured Values (volts) =
1.527E-002 1.136E-002 9.349E-003 7.828E-003 6.481E-003 5.628E-003
4.958E-003 4.421E-003 4.052E-003 3.783E-003 3.518E-003 3.227E-003
2.897E-003 2.464E-003 2.043E-003 1.595E-003 1.257E-003 1.017E-003
9.380E-004 9.965E-004 1.065E-003

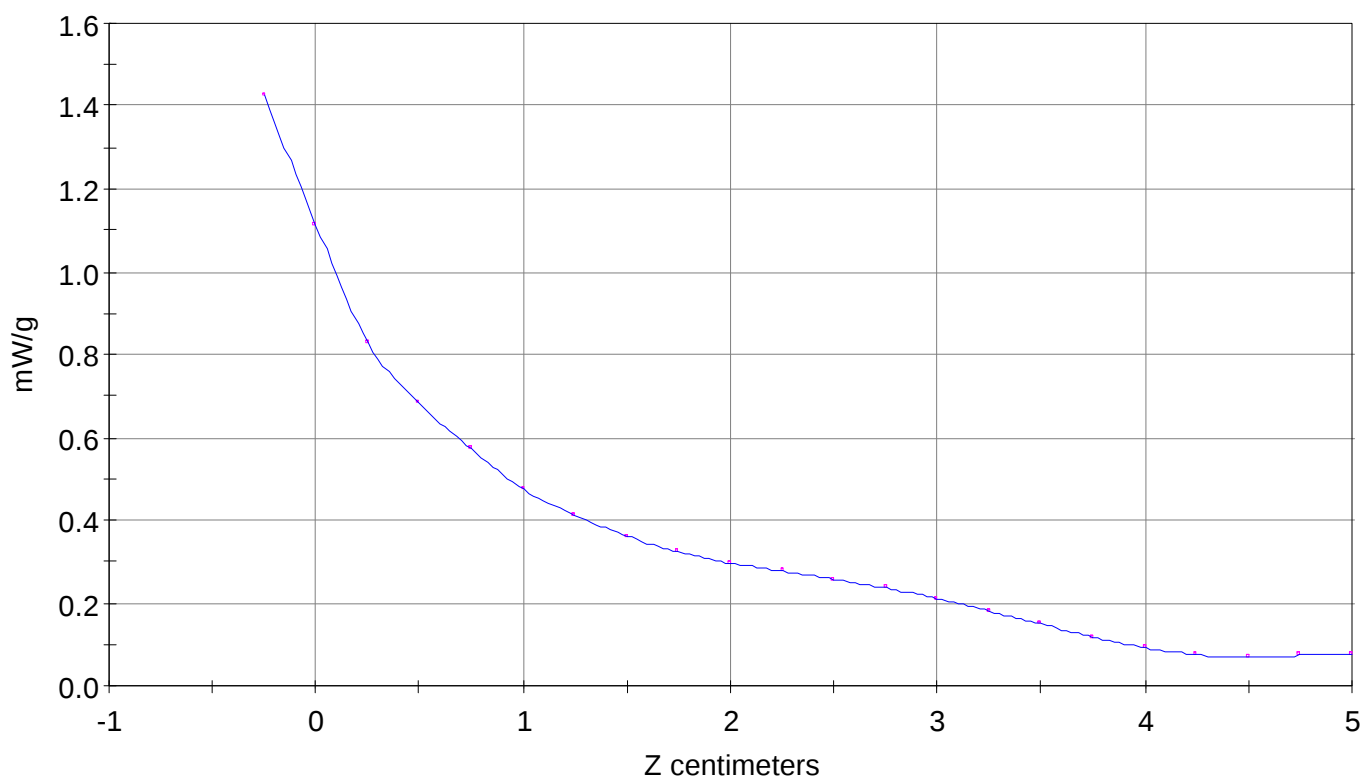
Calc. Voltage @ Surface (Vs) = 0.0195

Voltage @ 1.00 cm (Vt) = 0.0078

Ave. Voltage (Vs+Vt)/2 = 0.0137

Ave. SAR over 1 g (mW/g) = 0.9987

SAR Scan
File : 01050220_ZOOM
Start : 2-May-101 06:10:43 pm End : 2-May-101 06:21:32 pm
SAMSUNG/SCH-I355/1;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

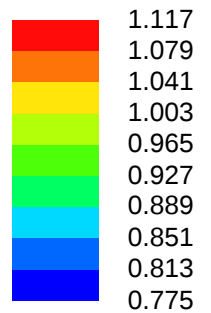
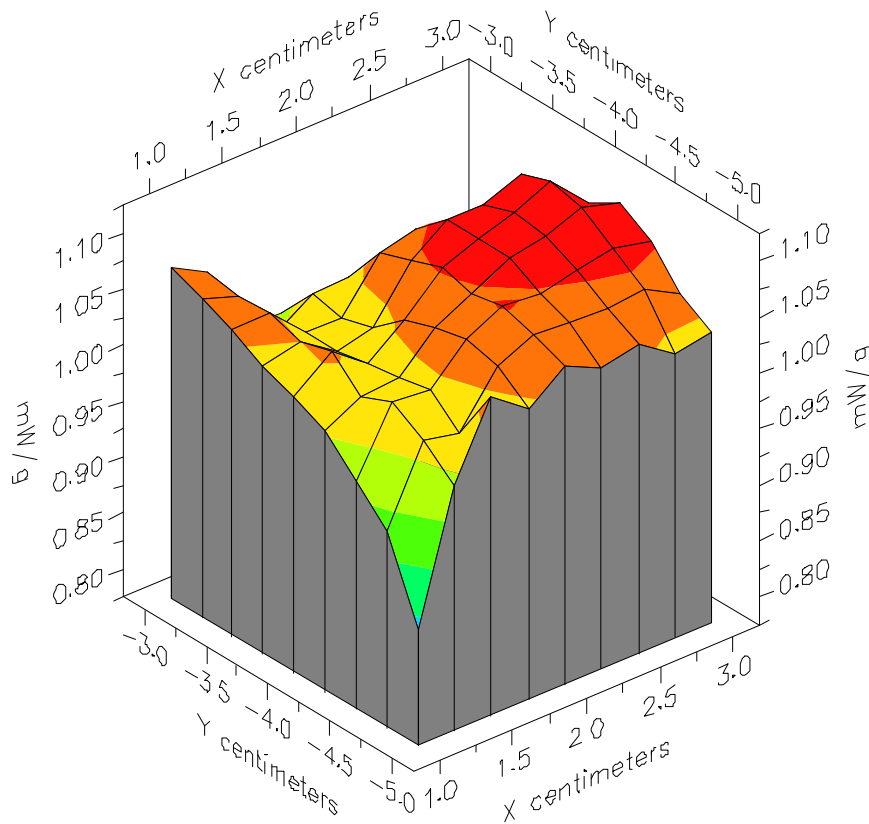


File : 01050220_ZOOM

Start : 2-May-101 06:10:43 pm End : 2-May-101 06:21:32 pm

SAMSUNG/SCH-I355/1;848.97MHz;W;Helical/Out;

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

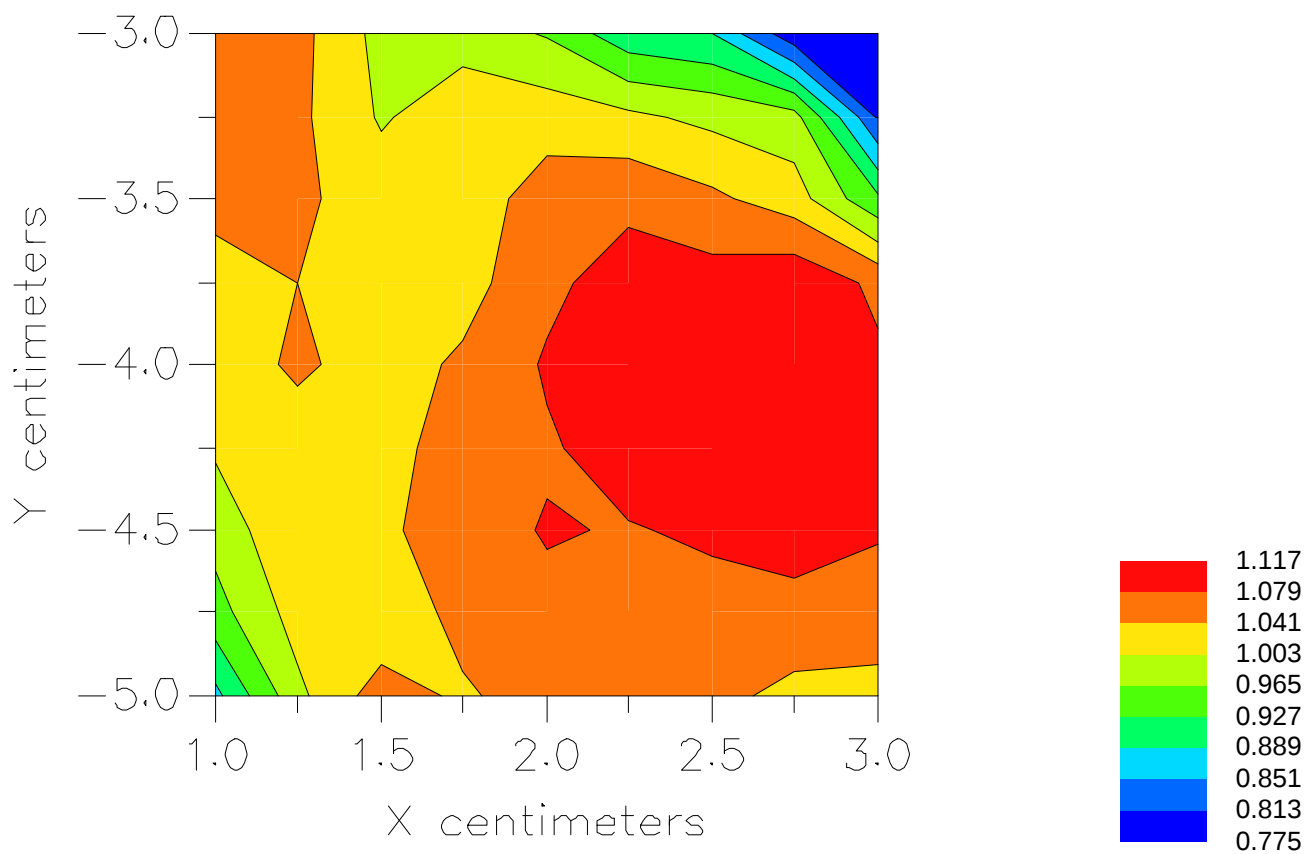


File : 01050220_ZOOM

Start : 2-May-101 06:10:43 pm End : 2-May-101 06:21:32 pm

SAMSUNG/SCH-I355/1;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/01050219_ZOOM.VLT
Start : 2-May-101 05:59:19 pm End : 2-May-101 06:08:43 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 DUAL-MODE PHONE - AMPS MODE
CHAN 0799 Conducted 26.0 dBm
SAMSUNG DUAL-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 = -4.750, Z = 0.000 (cm) Value = 17.882

Measured Values (volts) =
1.764E-002 1.432E-002 1.228E-002 1.069E-002 9.234E-003 7.974E-003
7.081E-003 6.234E-003 5.612E-003 5.133E-003 4.822E-003 4.382E-003
3.922E-003 3.287E-003 2.698E-003 2.145E-003 1.549E-003 1.220E-003
1.103E-003 1.170E-003 1.310E-003

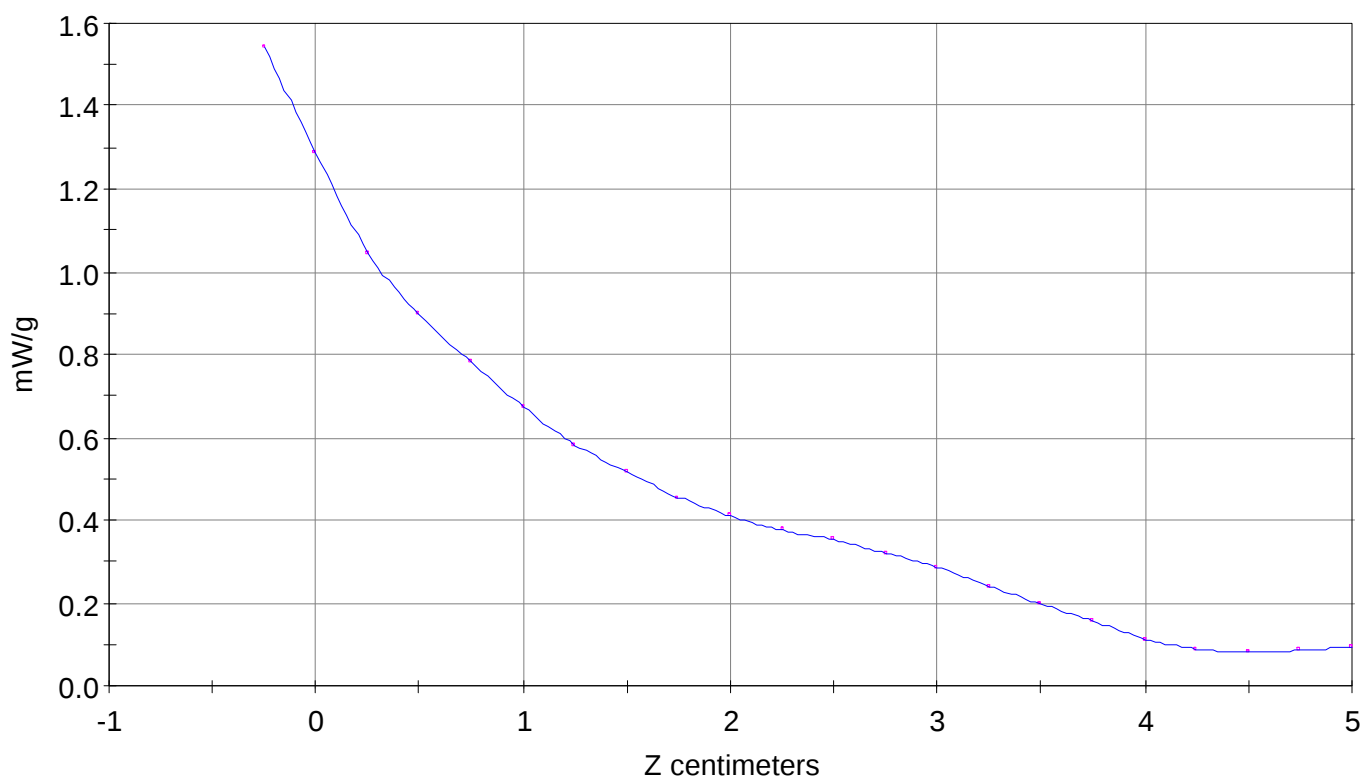
Calc. Voltage @ Surface (Vs) = 0.0212

Voltage @ 1.00 cm (Vt) = 0.0107

Ave. Voltage (Vs+Vt)/2 = 0.0159

Ave. SAR over 1 g (mW/g) = 1.1620

SAR Scan
File : 01050219_ZOOM
Start : 2-May-101 05:59:19 pm End : 2-May-101 06:08:43 pm
SAMSUNG/SCH-I355/1;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

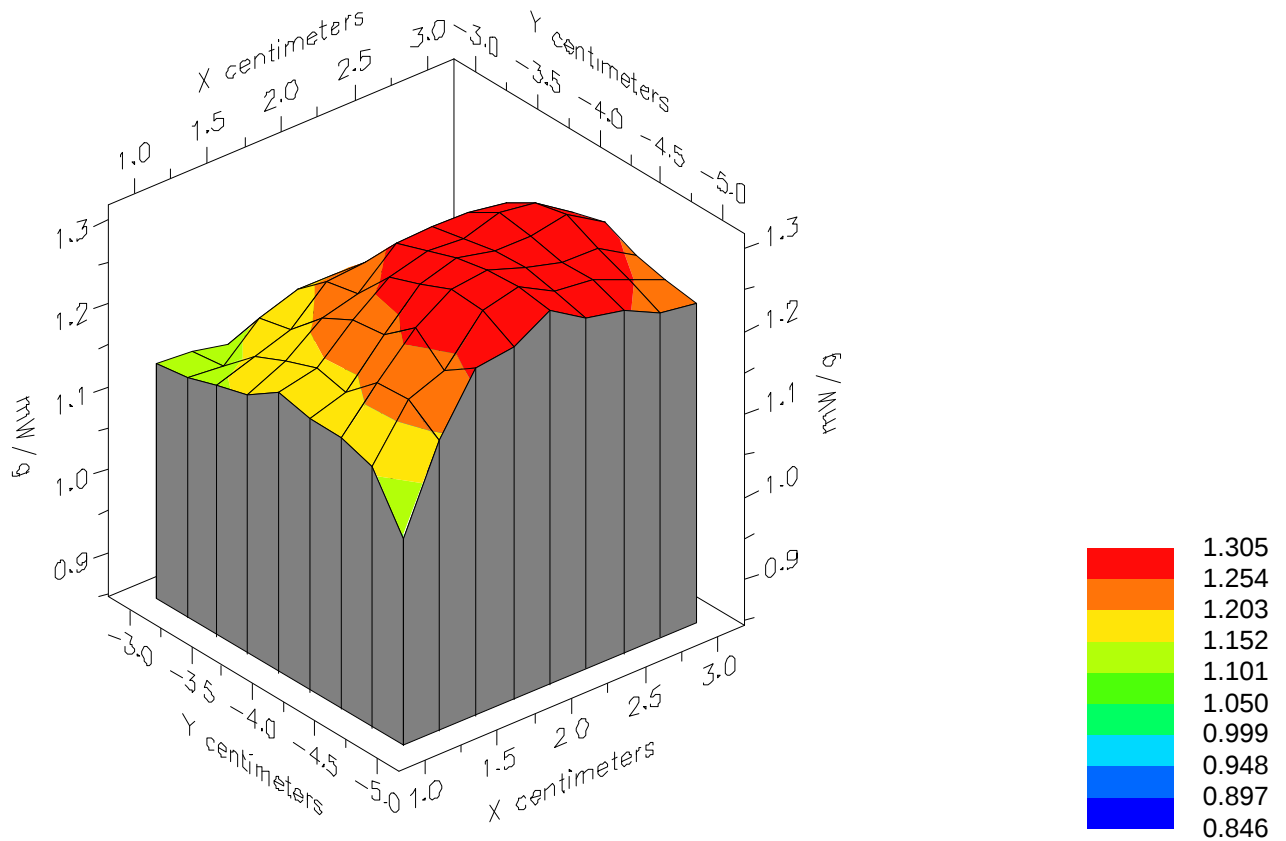


File : 01050219_ZOOM

Start : 2-May-101 05:59:19 pm End : 2-May-101 06:08:43 pm

SAMSUNG/SCH-I355/1;848.97MHz;W;Helical/Out;

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

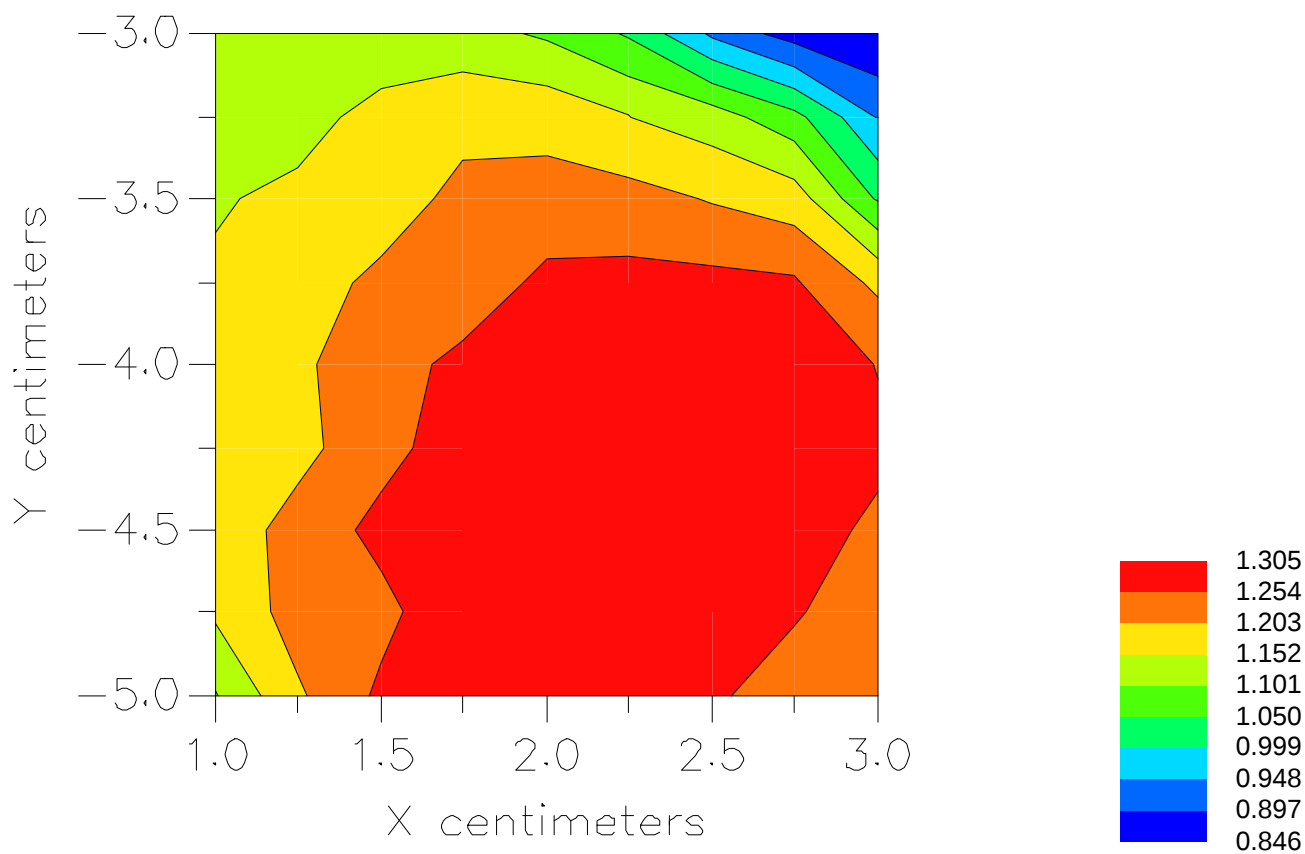


File : 01050219_ZOOM

Start : 2-May-101 05:59:19 pm End : 2-May-101 06:08:43 pm

SAMSUNG/SCH-I355/1;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/01050313_ZOOM.VLT
Start : 3-May-101 12:03:58 pm End : 3-May-101 12:13:21 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : 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 24.5 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 = 2.250, Y = -4.000, Z = 0.000 (cm) Value = 11.306

Measured Values (volts) =
1.127E-002 8.939E-003 7.584E-003 6.219E-003 5.307E-003 4.520E-003
3.941E-003 3.478E-003 3.192E-003 2.965E-003 2.785E-003 2.539E-003
2.232E-003 1.907E-003 1.648E-003 1.302E-003 1.026E-003 7.870E-004
7.137E-004 7.153E-004 8.123E-004

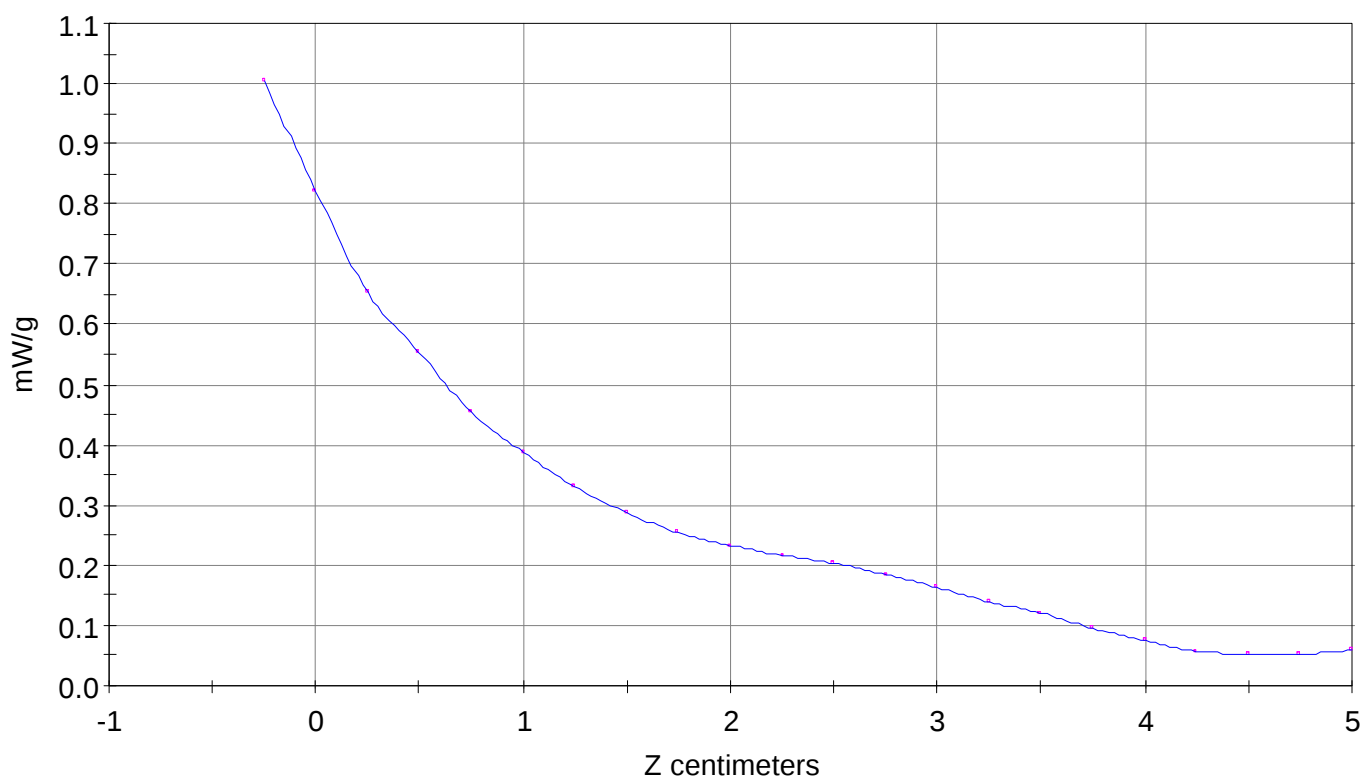
Calc. Voltage @ Surface (Vs) = 0.0137

Voltage @ 1.00 cm (Vt) = 0.0062

Ave. Voltage (Vs+Vt)/2 = 0.0100

Ave. SAR over 1 g (mW/g) = 0.7281

SAR Scan
File : 01050313_ZOOM
Start : 3-May-101 12:03:58 pm End : 3-May-101 12:13:21 pm
SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

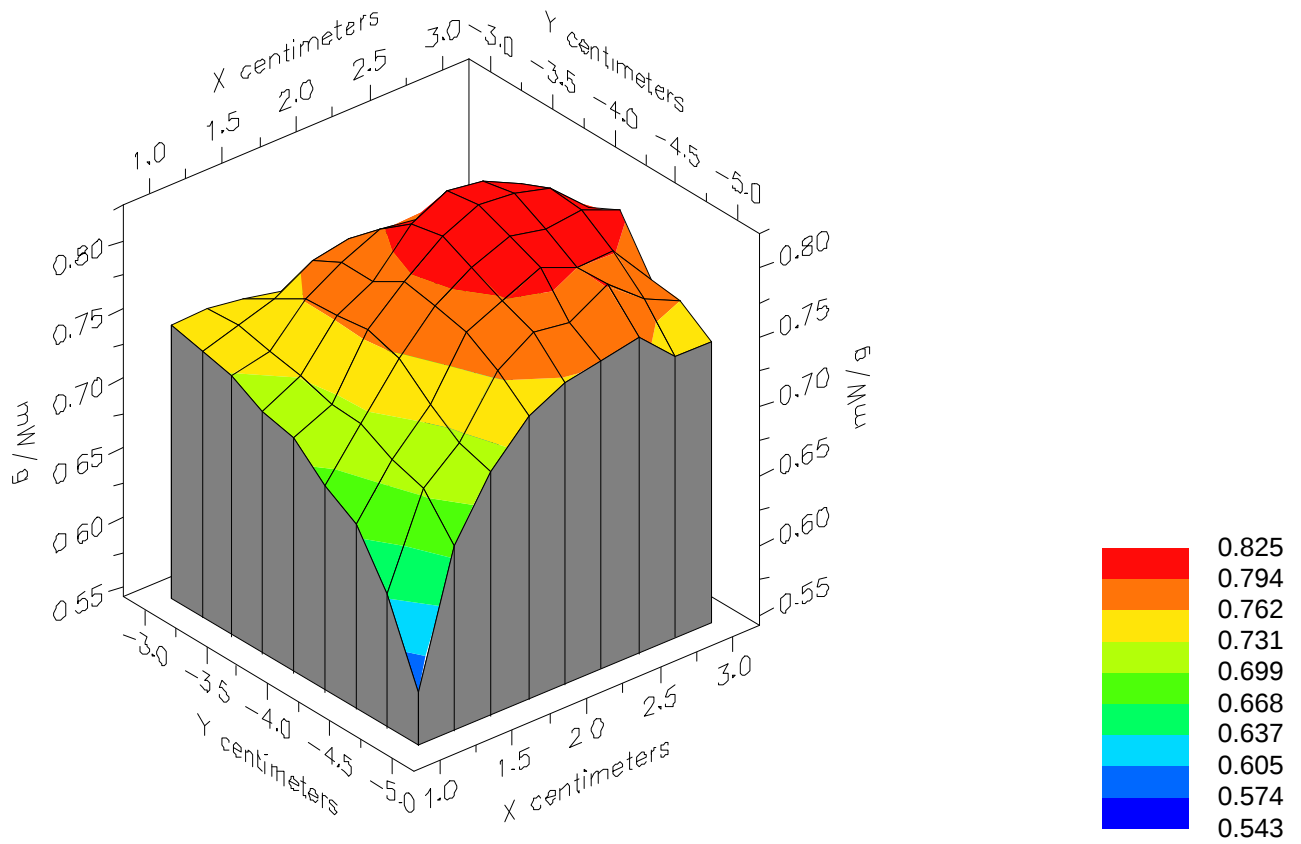


File : 01050313_ZOOM

Start : 3-May-101 12:03:58 pm End : 3-May-101 12:13:21 pm

SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/In;

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

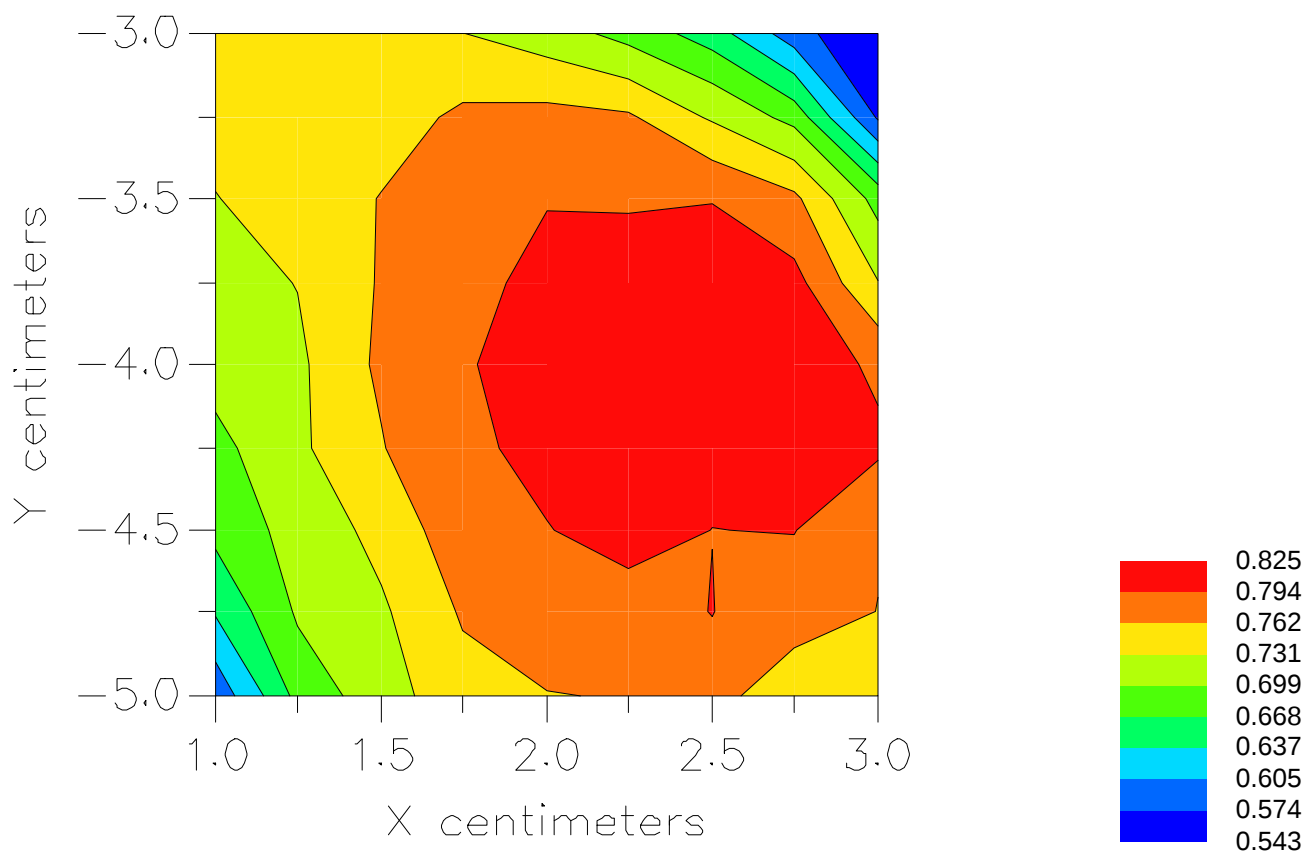


File : 01050313_ZOOM

Start : 3-May-101 12:03:58 pm End : 3-May-101 12:13:21 pm

SAMSUNG/SCH-I355/1;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/01050312_ZOOM.VLT
Start : 3-May-101 11:53:09 am End : 3-May-101 12:03:24 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : 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 24.5 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 = 2.500, Y = -4.000, Z = 0.000 (cm) Value = 14.783

Measured Values (volts) =
1.467E-002 1.121E-002 9.390E-003 7.800E-003 6.603E-003 5.755E-003
5.050E-003 4.513E-003 4.147E-003 3.818E-003 3.552E-003 3.265E-003
2.904E-003 2.470E-003 2.041E-003 1.613E-003 1.293E-003 1.031E-003
9.650E-004 9.712E-004 1.077E-003

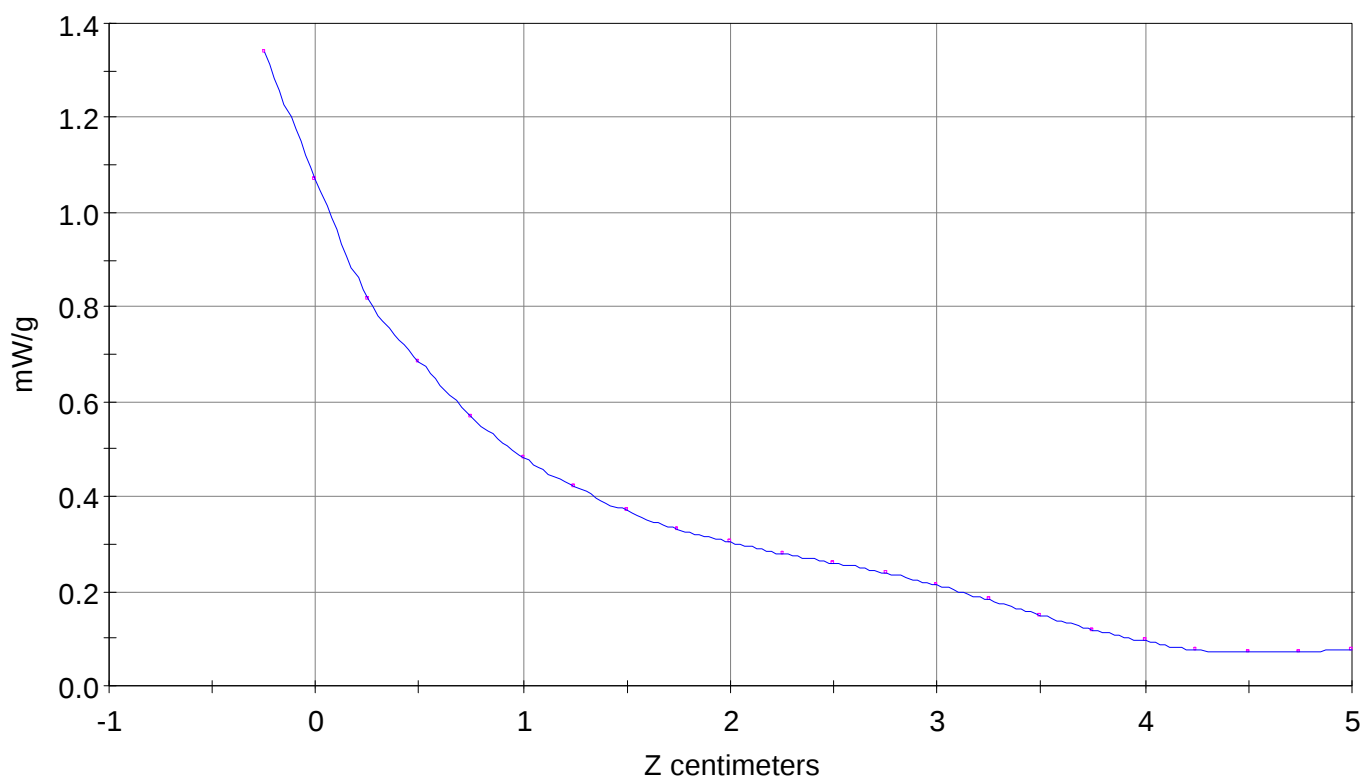
Calc. Voltage @ Surface (Vs) = 0.0184

Voltage @ 1.00 cm (Vt) = 0.0078

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

Ave. SAR over 1 g (mW/g) = 0.9542

SAR Scan
File : 01050312_ZOOM
Start : 3-May-101 11:53:09 am End : 3-May-101 12:03:24 pm
SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

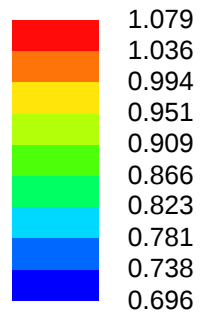
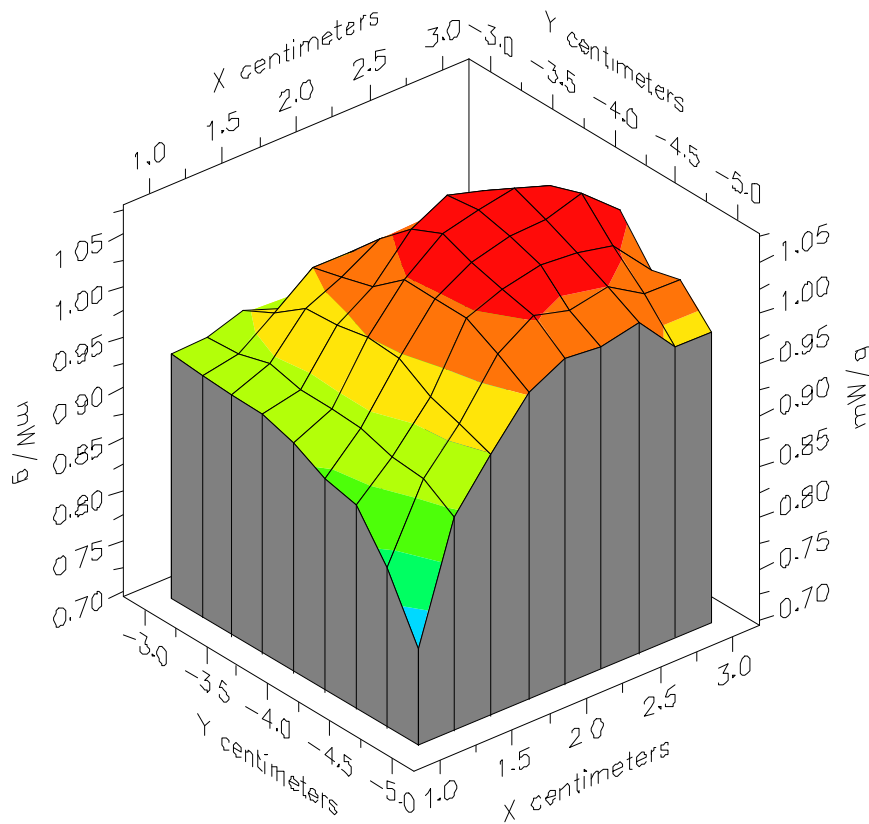


File : 01050312_ZOOM

Start : 3-May-101 11:53:09 am End : 3-May-101 12:03:24 pm

SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/Out;

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

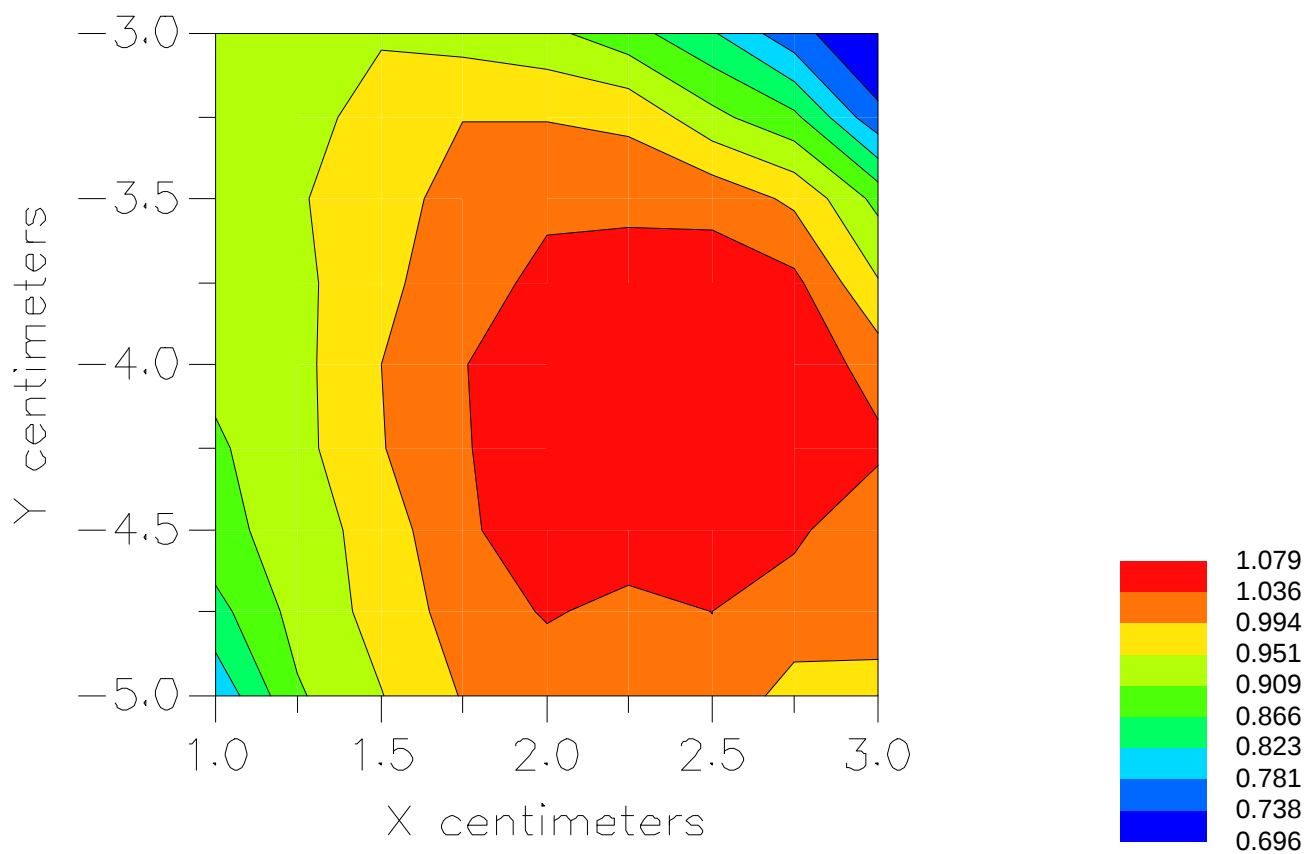


File : 01050312_ZOOM

Start : 3-May-101 11:53:09 am End : 3-May-101 12:03:24 pm

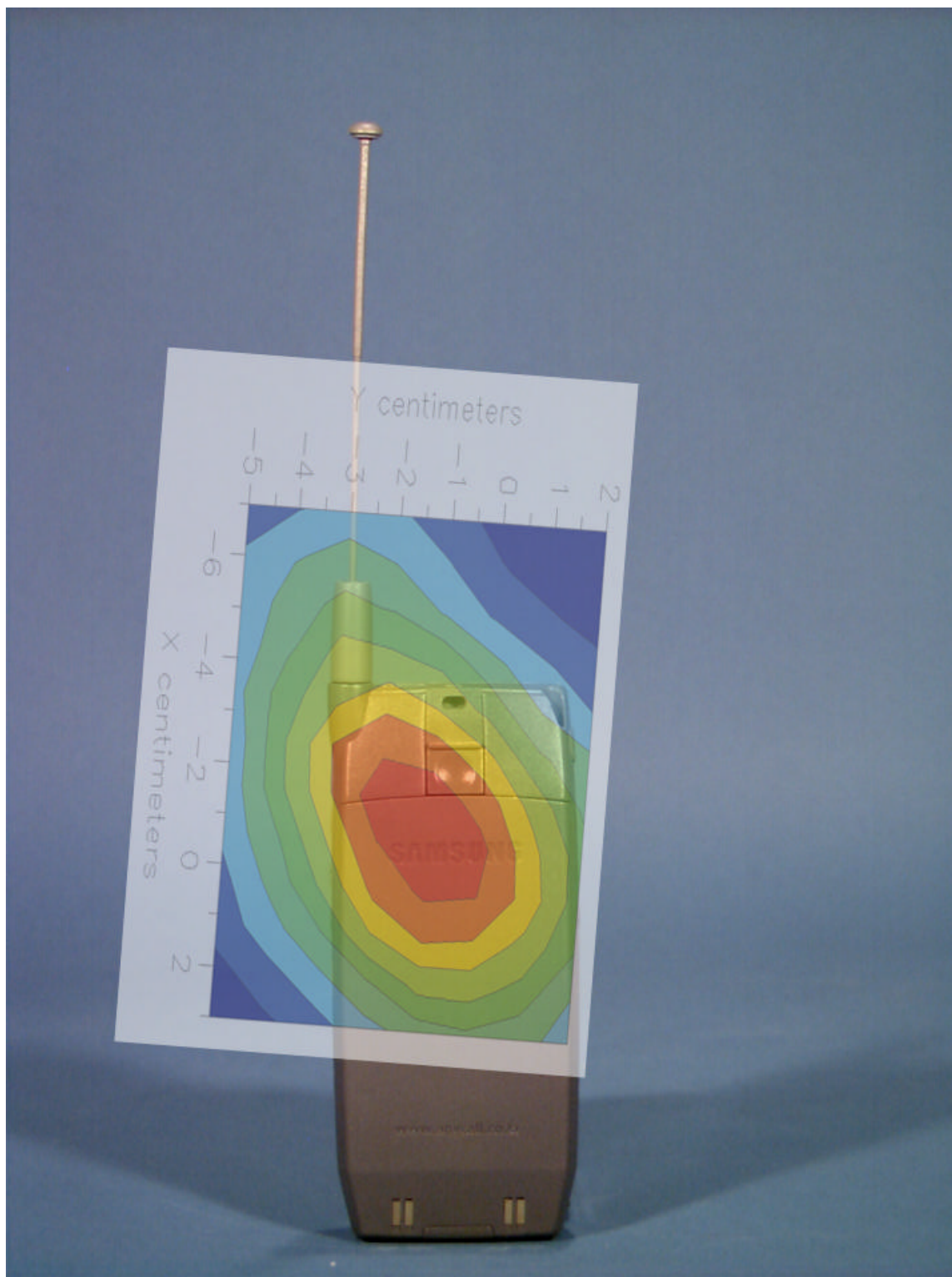
SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/Out;

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



Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01050327_ZOOM.VLT
Start : 3-May-101 05:54:54 pm End : 3-May-101 06:07:59 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 824.04 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 - AMPS MODE
CHAN 0991 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 = -2.000, Z = 0.000 (cm) Value = 11.025

Measured Values (volts) =
1.088E-002 9.268E-003 7.492E-003 6.144E-003 5.336E-003 4.395E-003
4.028E-003 3.755E-003 3.734E-003 3.540E-003 3.307E-003 2.910E-003
2.311E-003 1.674E-003 1.049E-003 6.676E-004 4.667E-004 5.221E-004
7.665E-004 1.057E-003 1.280E-003

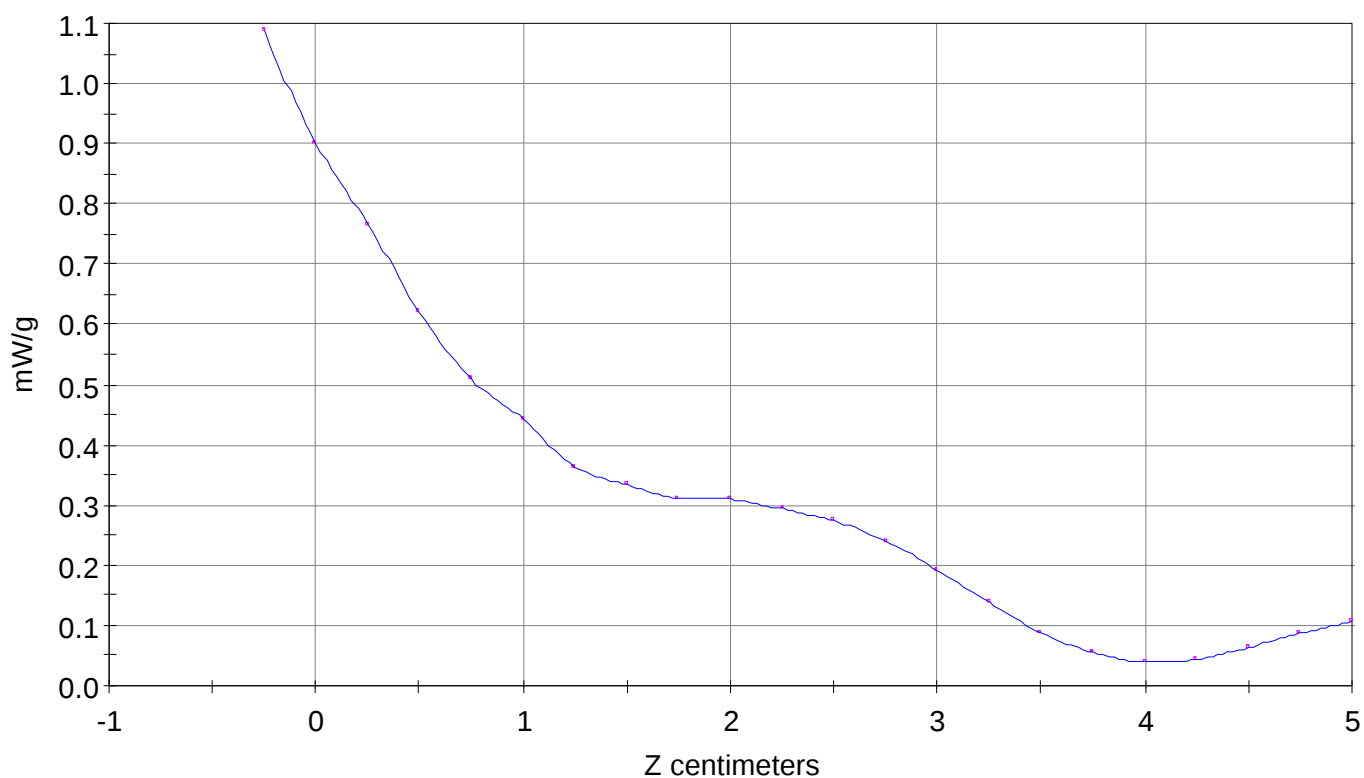
Calc. Voltage @ Surface (Vs) = 0.0131

Voltage @ 1.00 cm (Vt) = 0.0061

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

Ave. SAR over 1 g (mW/g) = 0.7975

SAR Scan
File : 01050327_ZOOM
Start : 3-May-101 05:54:54 pm End : 3-May-101 06:07:59 pm
SAMSUNG/SCH-I355/1;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

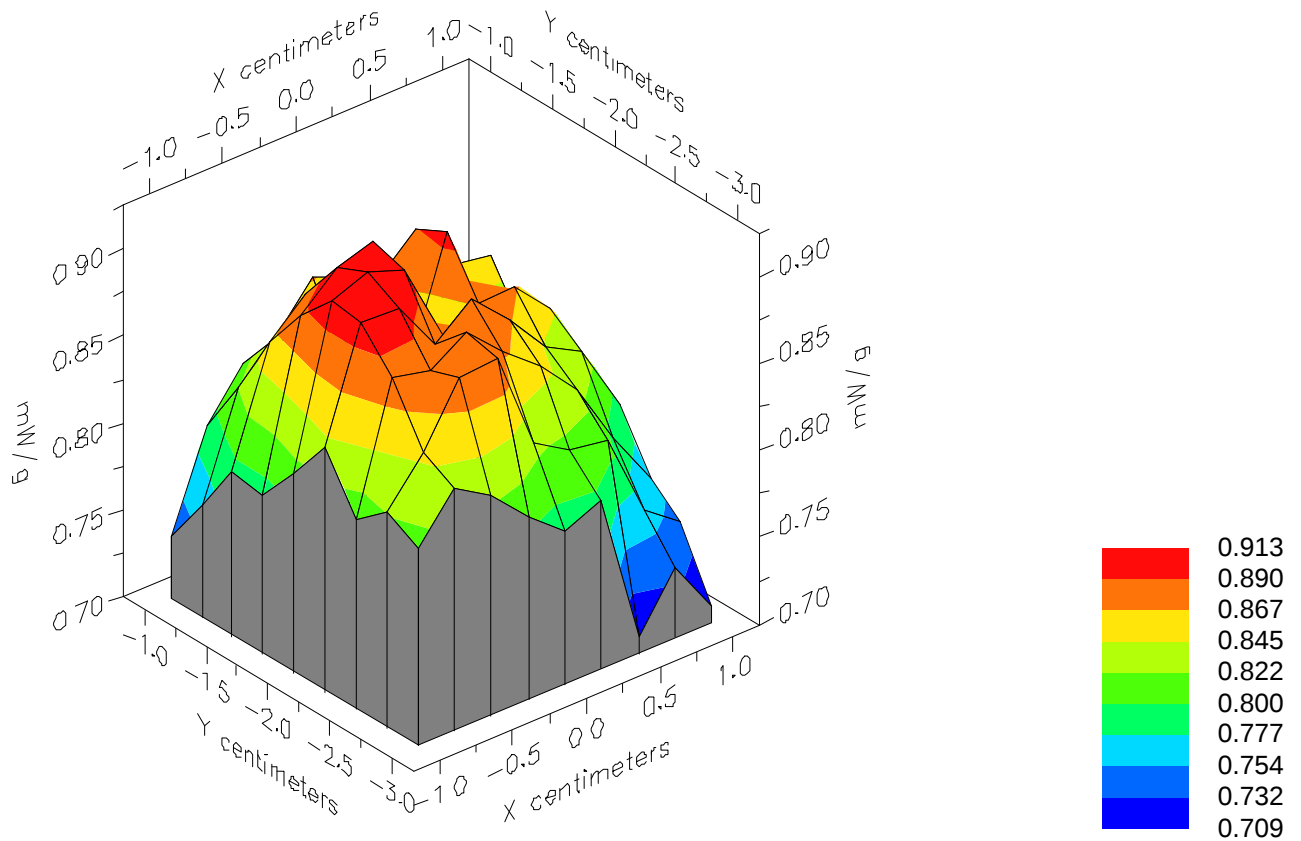


File : 01050327_ZOOM

Start : 3-May-101 05:54:54 pm End : 3-May-101 06:07:59 pm

SAMSUNG/SCH-I355/1;824.04MHz;W;Helical/In;

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

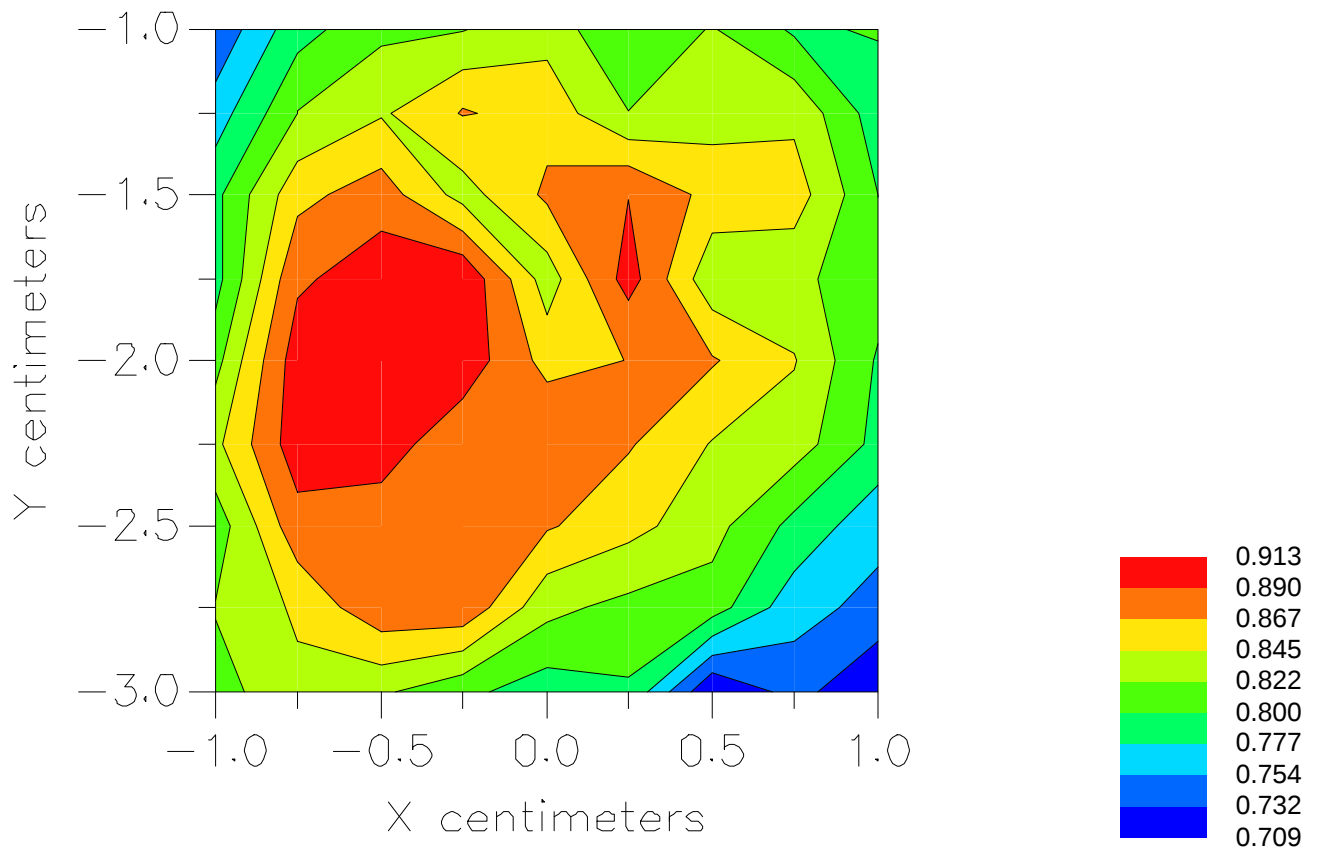


File : 01050327_ZOOM

Start : 3-May-101 05:54:54 pm End : 3-May-101 06:07:59 pm

SAMSUNG/SCH-I355/1;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/01050325_ZOOM.VLT
Start : 3-May-101 05:08:46 pm End : 3-May-101 05:20:30 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 824.04 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 - AMPS MODE
CHAN 0991 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 = -0.250, Y = -1.750, Z = 0.000 (cm) Value = 15.732

Measured Values (volts) =
1.486E-002 1.296E-002 1.105E-002 9.276E-003 7.773E-003 6.735E-003
6.062E-003 5.753E-003 5.644E-003 5.542E-003 5.417E-003 5.068E-003
4.484E-003 3.650E-003 2.881E-003 2.220E-003 1.779E-003 1.734E-003
1.973E-003 2.373E-003 2.788E-003

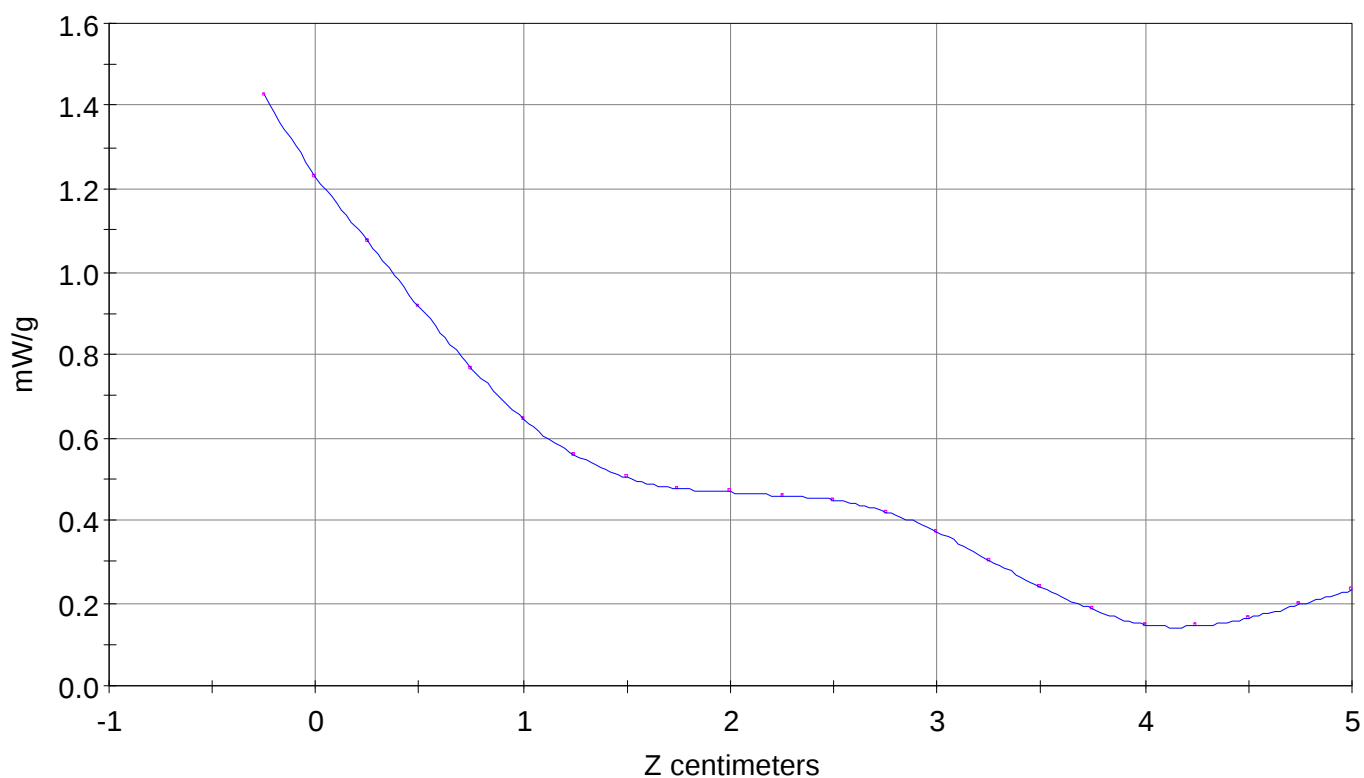
Calc. Voltage @ Surface (Vs) = 0.0172

Voltage @ 1.00 cm (Vt) = 0.0093

Ave. Voltage (Vs+Vt)/2 = 0.0133

Ave. SAR over 1 g (mW/g) = 1.0969

SAR Scan
File : 01050325_ZOOM
Start : 3-May-101 05:08:46 pm End : 3-May-101 05:20:30 pm
SAMSUNG/SCH-I355/1;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

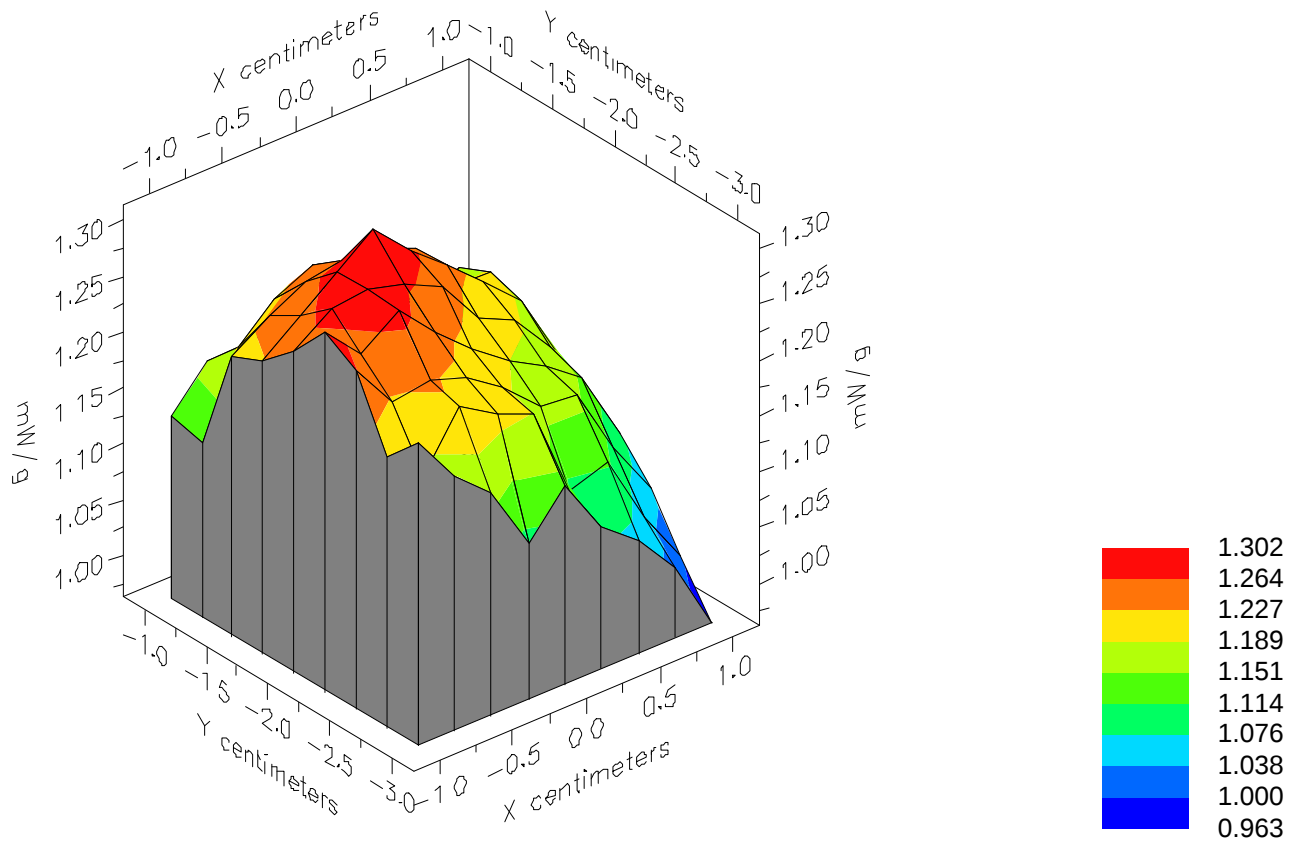


File : 01050325_ZOOM

Start : 3-May-101 05:08:46 pm End : 3-May-101 05:20:30 pm

SAMSUNG/SCH-I355/1;824.04MHz;W;Helical/Out;

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

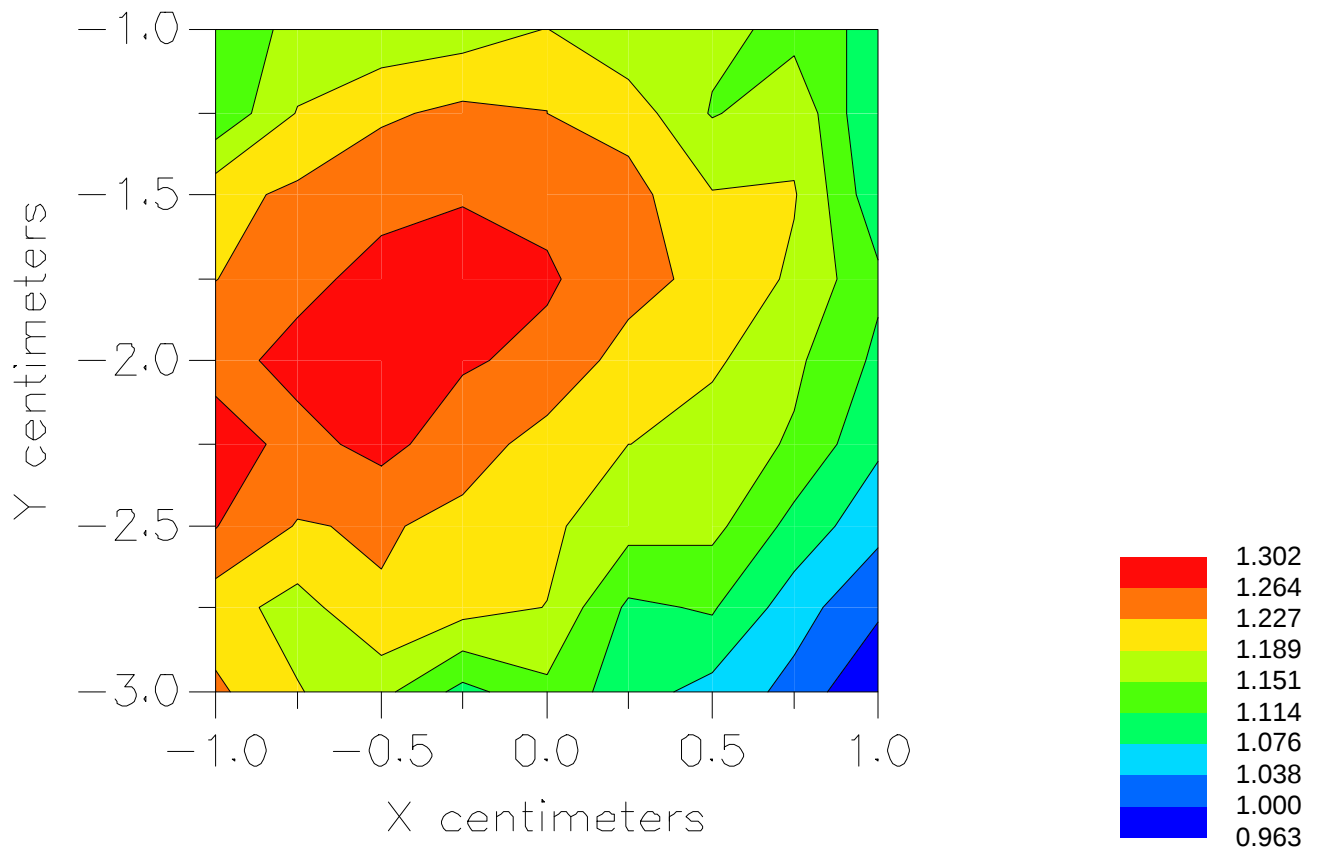


File : 01050325_ZOOM

Start : 3-May-101 05:08:46 pm End : 3-May-101 05:20:30 pm

SAMSUNG/SCH-I355/1;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/01050317_ZOOM.VLT
Start : 3-May-101 01:52:18 pm End : 3-May-101 01:59:56 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 836.49 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 - AMPS MODE
CHAN 0383 Conducted 26.0 dBm
SAMSUNG TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -1.000, Z = 0.000 (cm) Value = 16.346

Measured Values (volts) =
1.523E-002 1.259E-002 1.071E-002 9.251E-003 7.920E-003 6.721E-003
5.875E-003 5.488E-003 5.212E-003 5.153E-003 5.074E-003 4.796E-003
4.386E-003 3.739E-003 3.041E-003 2.454E-003 2.047E-003 1.887E-003
2.023E-003 2.326E-003 2.635E-003

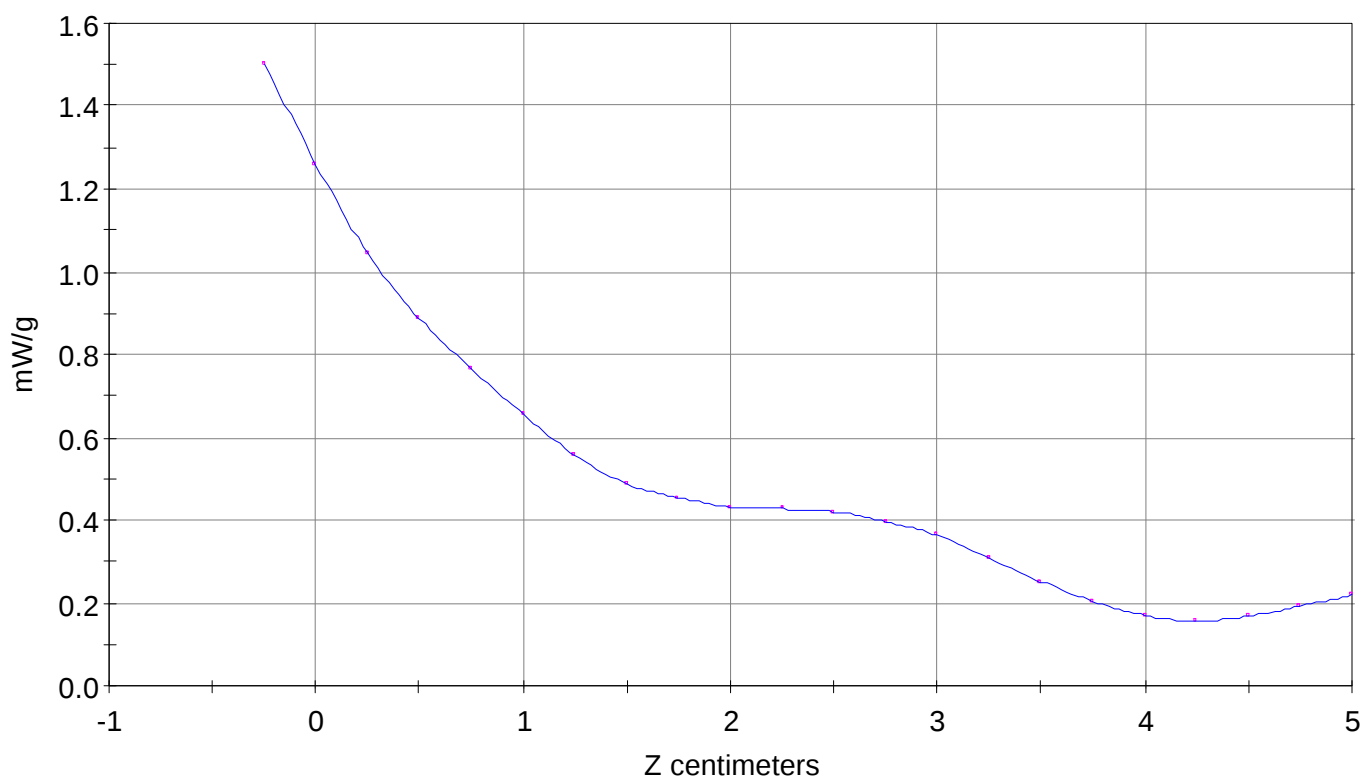
Calc. Voltage @ Surface (Vs) = 0.0182

Voltage @ 1.00 cm (Vt) = 0.0093

Ave. Voltage (Vs+Vt)/2 = 0.0137

Ave. SAR over 1 g (mW/g) = 1.1348

SAR Scan
File : 01050317_ZOOM
Start : 3-May-101 01:52:18 pm End : 3-May-101 01:59:56 pm
SAMSUNG/SCH-I355/1;836.49MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

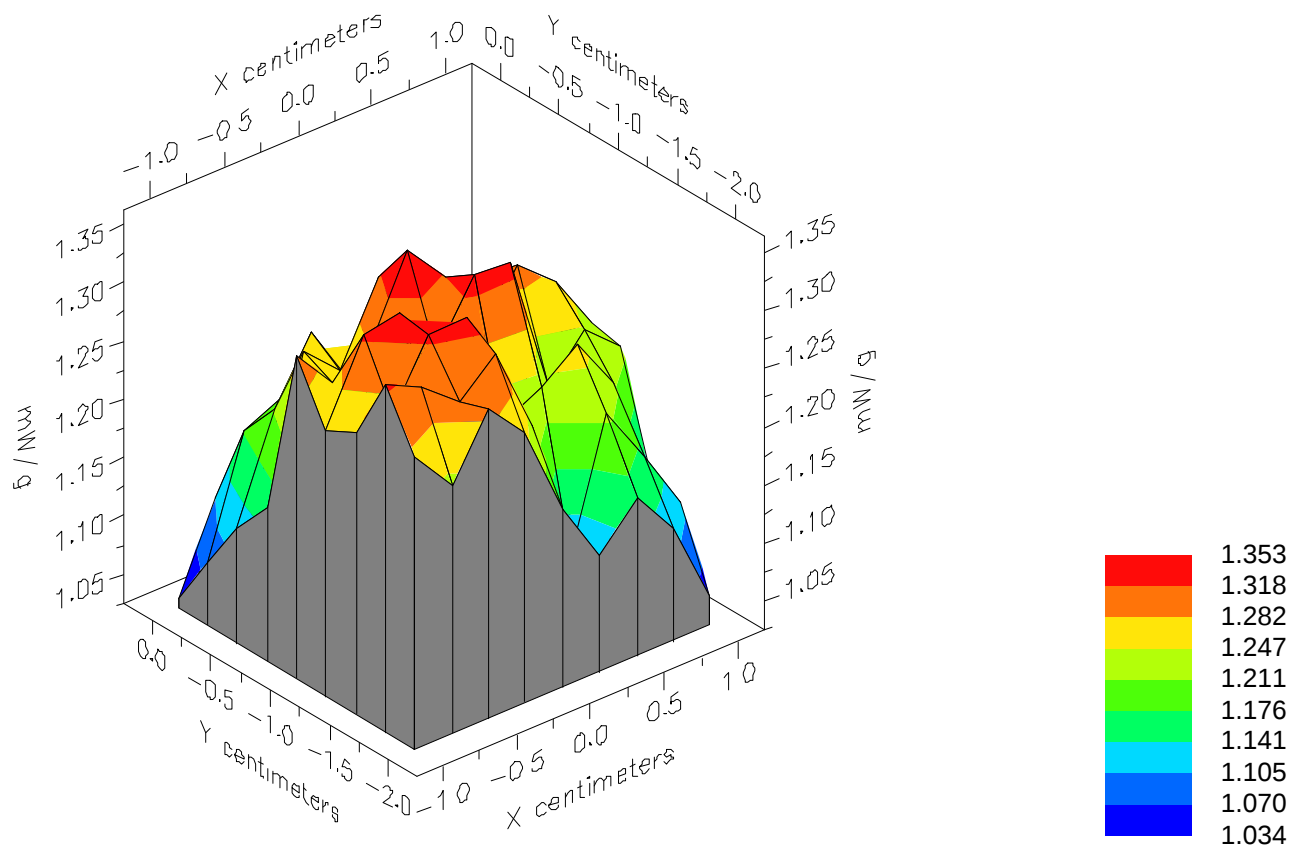


File : 01050317_ZOOM

Start : 3-May-101 01:52:18 pm End : 3-May-101 01:59:56 pm

SAMSUNG/SCH-I355/1;836.49MHz;W;Helical/In;

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

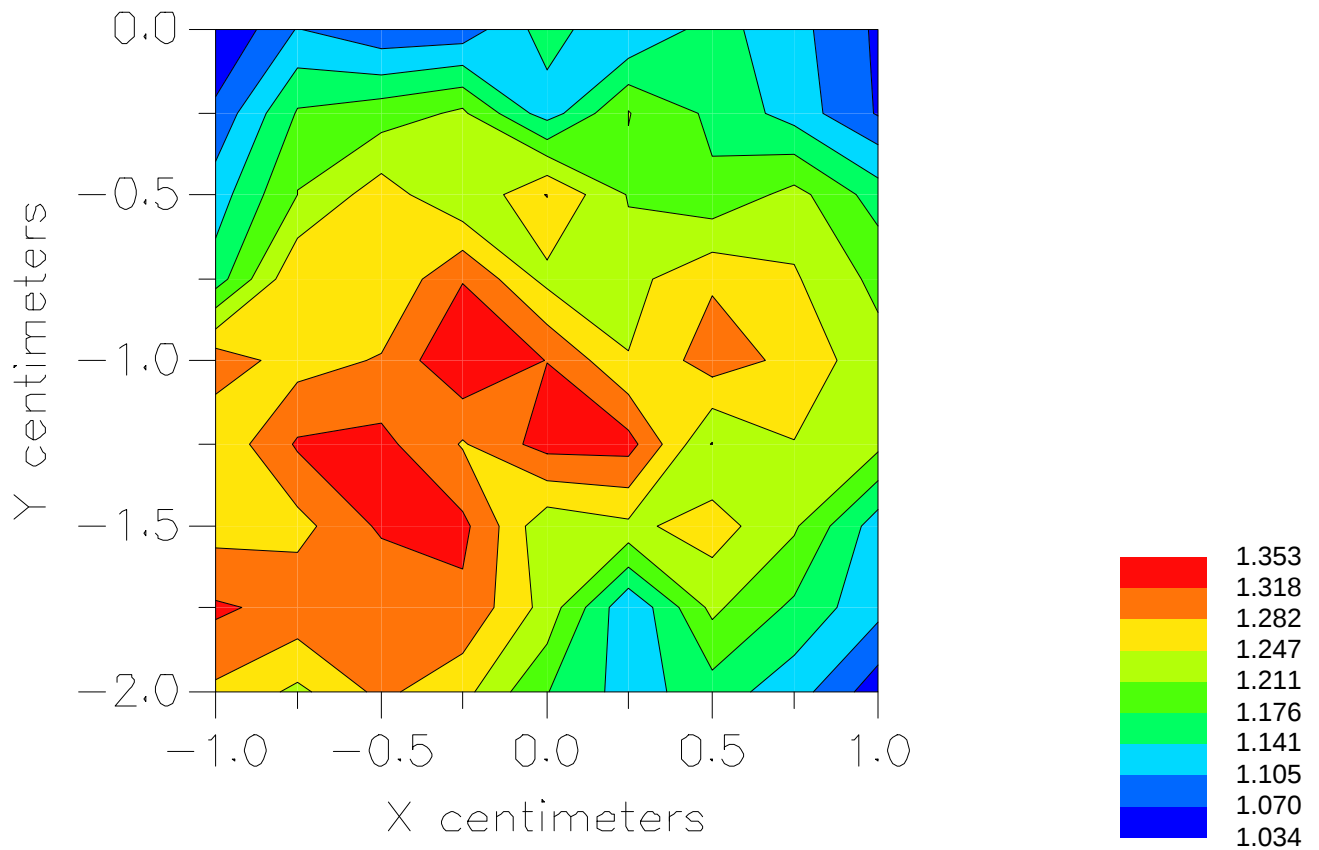


File : 01050317_ZOOM

Start : 3-May-101 01:52:18 pm End : 3-May-101 01:59:56 pm

SAMSUNG/SCH-I355/1;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/01050316_ZOOM.VLT
Start : 3-May-101 01:30:39 pm End : 3-May-101 01:42:16 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 836.49 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 - AMPS MODE
CHAN 0383 Conducted 26.0 dBm
SAMSUNG TRI-MODE PHONE

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 = -1.750, Z = 0.000 (cm) Value = 17.528

Measured Values (volts) =
1.689E-002 1.388E-002 1.162E-002 9.787E-003 8.337E-003 7.220E-003
6.541E-003 6.192E-003 6.127E-003 6.029E-003 5.707E-003 5.079E-003
4.354E-003 3.455E-003 2.665E-003 2.113E-003 1.943E-003 2.078E-003
2.455E-003 2.871E-003 3.116E-003

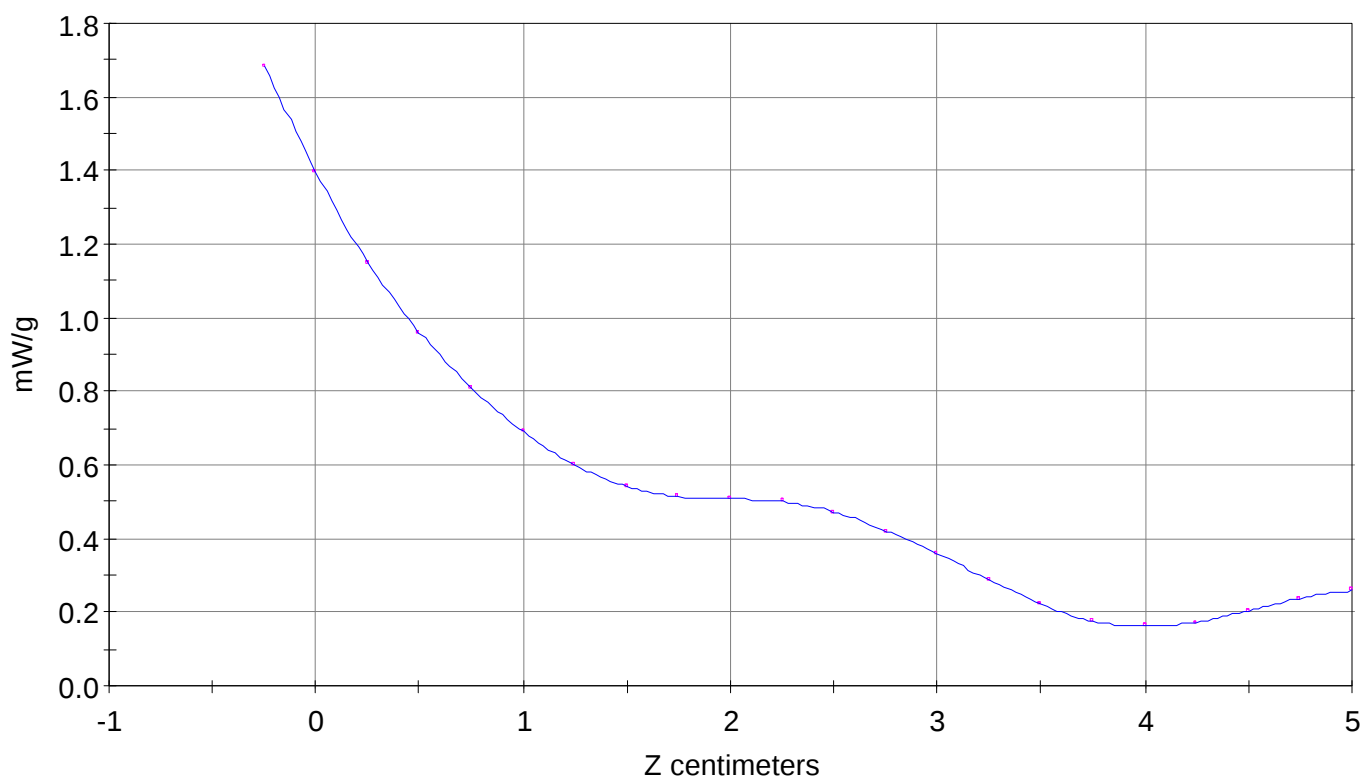
Calc. Voltage @ Surface (Vs) = 0.0204

Voltage @ 1.00 cm (Vt) = 0.0098

Ave. Voltage (Vs+Vt)/2 = 0.0151

Ave. SAR over 1 g (mW/g) = 1.2479

SAR Scan
File : 01050316_ZOOM
Start : 3-May-101 01:30:39 pm End : 3-May-101 01:42:16 pm
SAMSUNG/SCH-I355/1;836.49MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

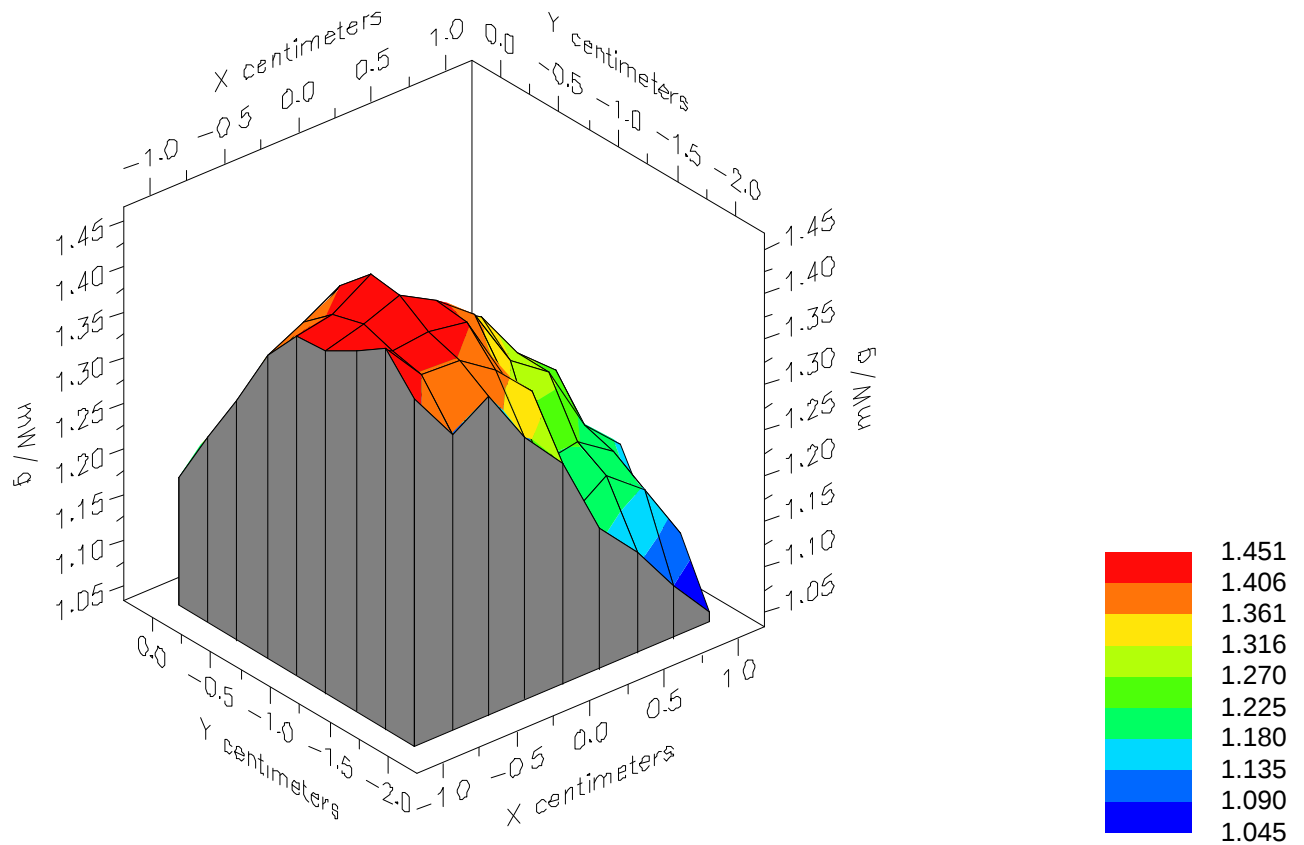


File : 01050316_ZOOM

Start : 3-May-101 01:30:39 pm End : 3-May-101 01:42:16 pm

SAMSUNG/SCH-I355/1;836.49MHz;W;Helical/Out;

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

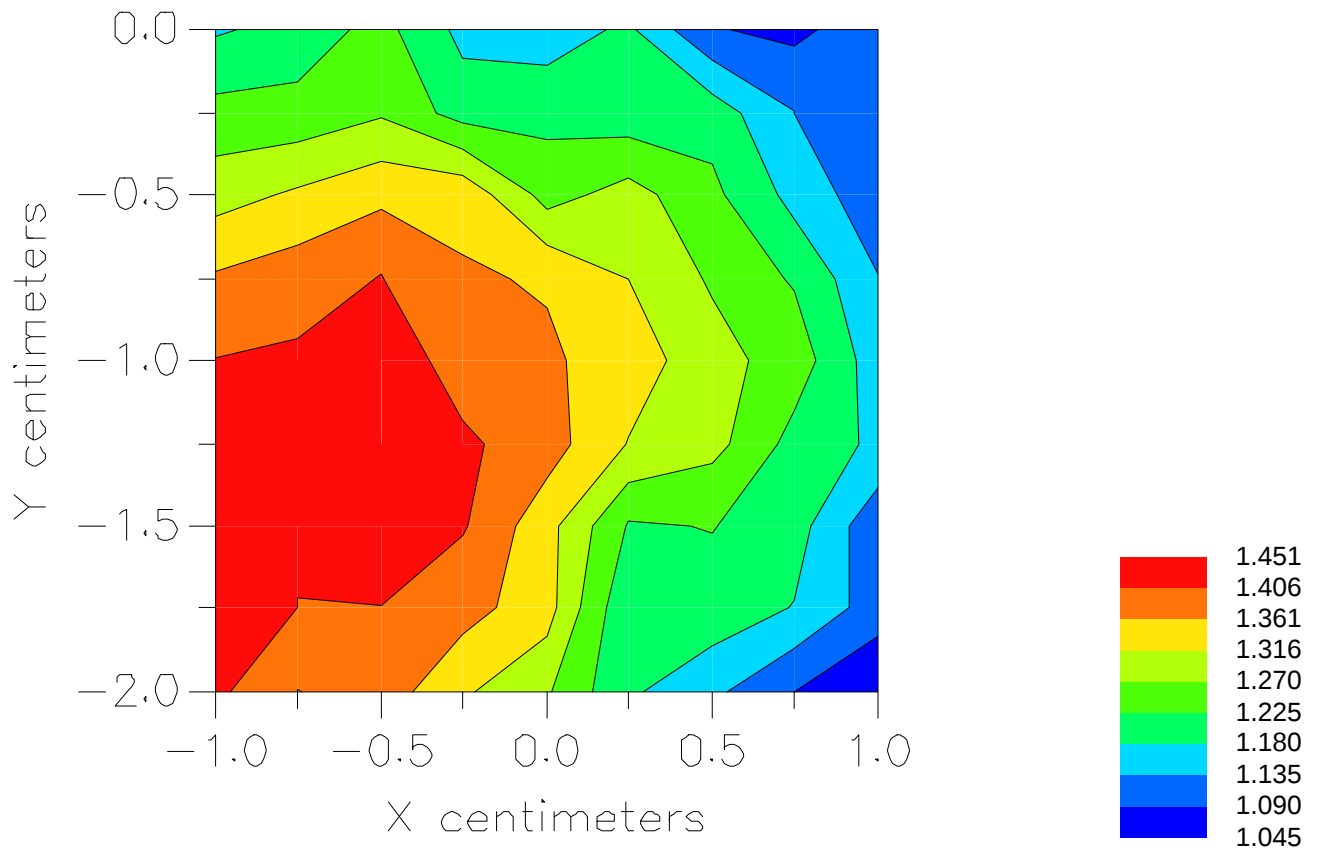


File : 01050316_ZOOM

Start : 3-May-101 01:30:39 pm End : 3-May-101 01:42:16 pm

SAMSUNG/SCH-I355/1;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/01050321_ZOOM.VLT
Start : 3-May-101 03:10:34 pm End : 3-May-101 03:22:17 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 848.97 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 - AMPS MODE
CHAN 0799 Conducted 26.0 dBm
SAMSUNG TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -1.250, Z = 0.000 (cm) Value = 12.348

Measured Values (volts) =
1.212E-002 9.821E-003 8.225E-003 6.715E-003 5.568E-003 4.612E-003
3.894E-003 3.480E-003 3.309E-003 3.175E-003 3.022E-003 2.773E-003
2.317E-003 1.805E-003 1.253E-003 7.585E-004 4.761E-004 3.696E-004
5.141E-004 8.023E-004 1.030E-003

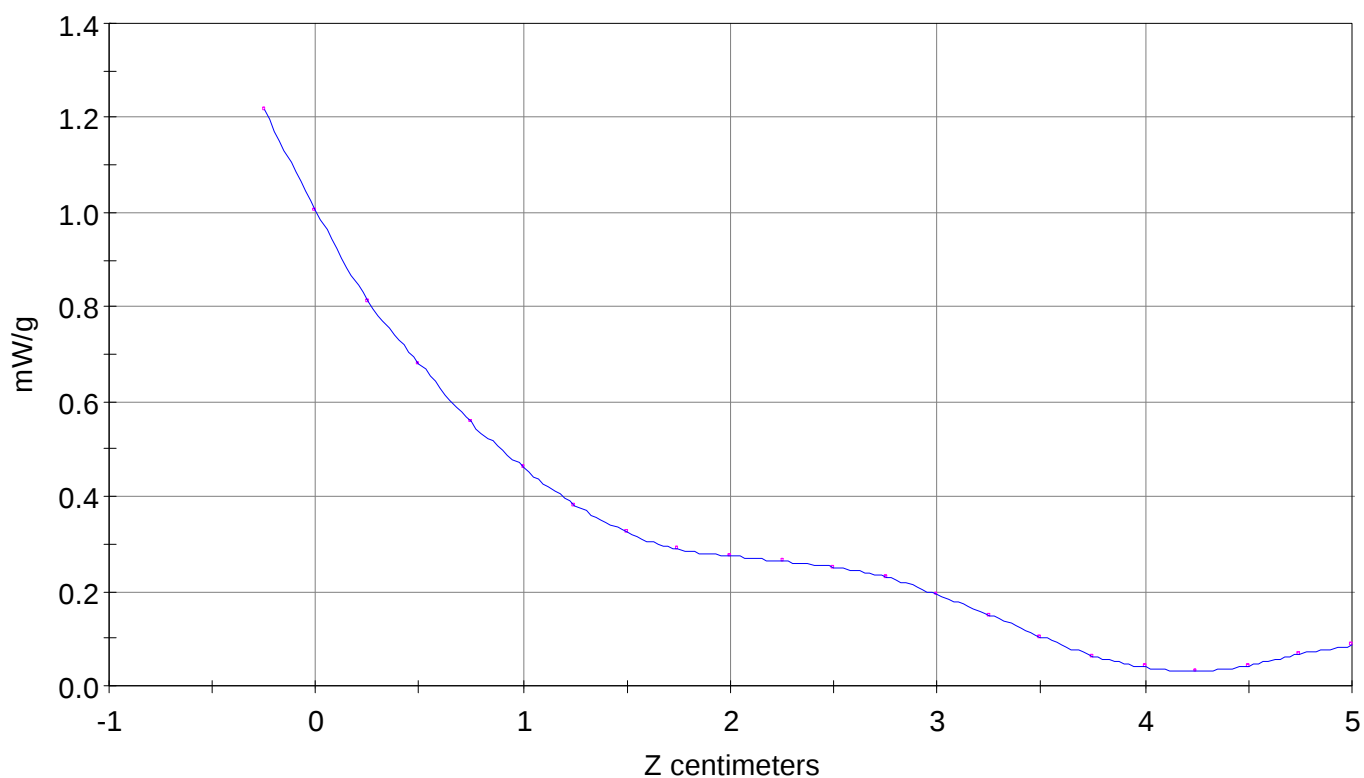
Calc. Voltage @ Surface (Vs) = 0.0147

Voltage @ 1.00 cm (Vt) = 0.0067

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

Ave. SAR over 1 g (mW/g) = 0.8869

SAR Scan
File : 01050321_ZOOM
Start : 3-May-101 03:10:34 pm End : 3-May-101 03:22:17 pm
SAMSUNG/SCH-I355/1;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

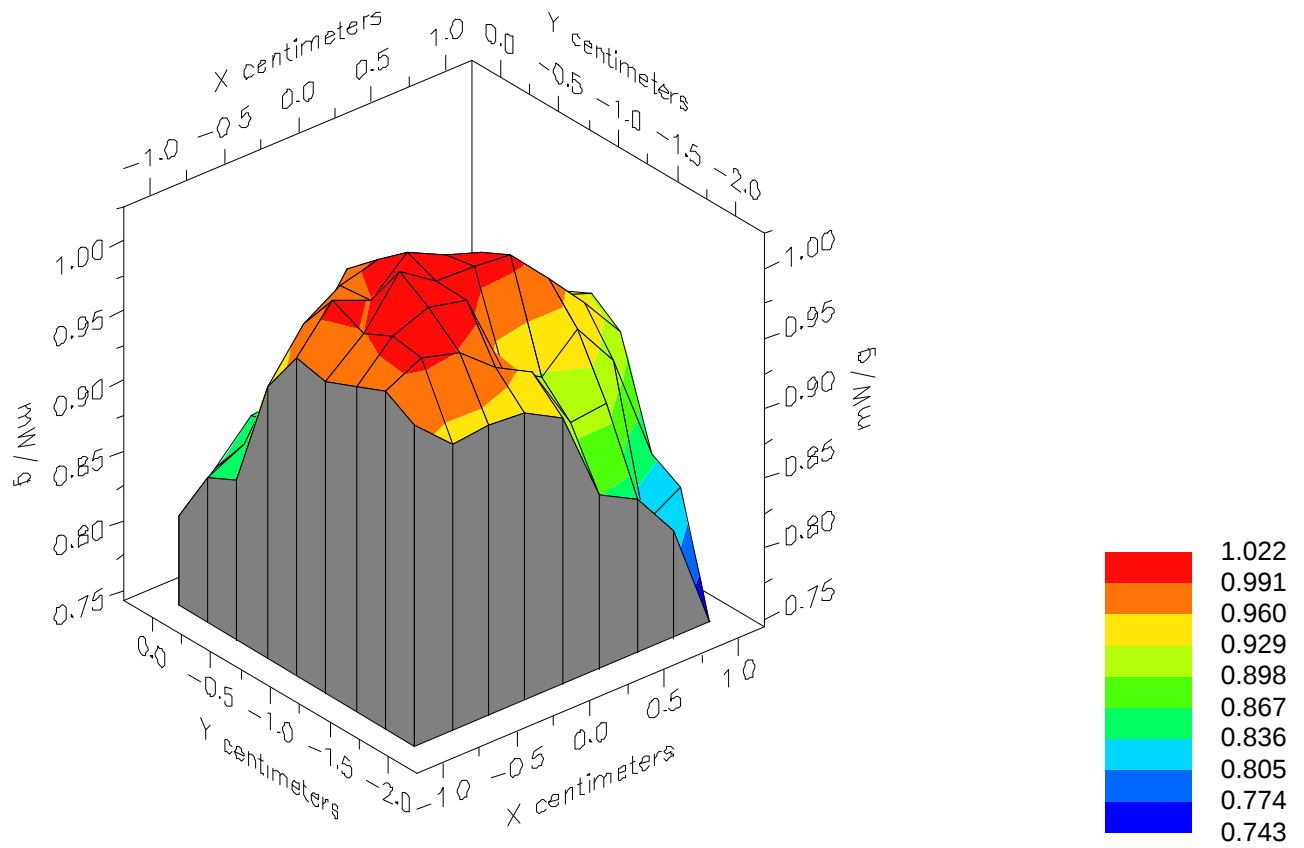


File : 01050321_ZOOM

Start : 3-May-101 03:10:34 pm End : 3-May-101 03:22:17 pm

SAMSUNG/SCH-I355/1;848.97MHz;W;Helical/In;

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

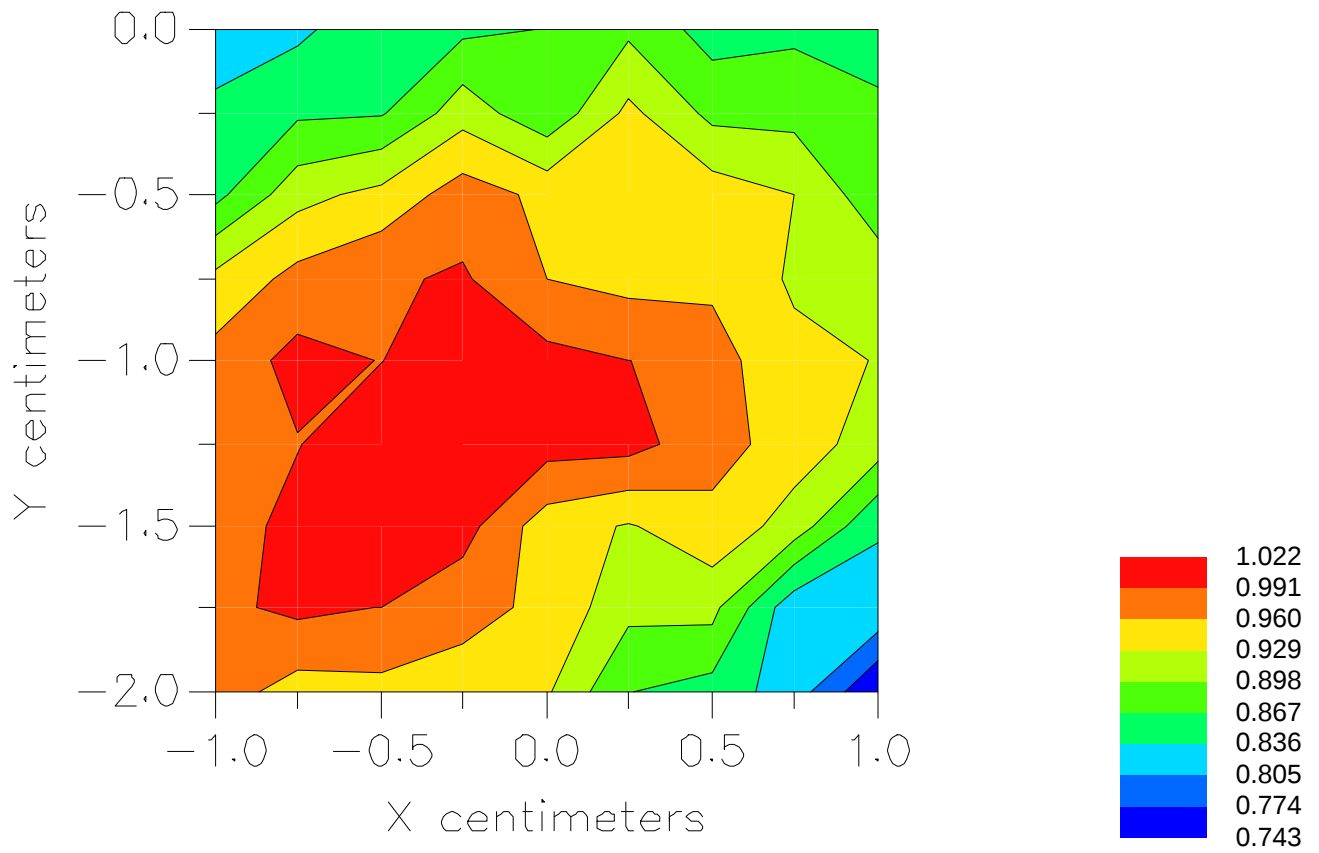


File : 01050321_ZOOM

Start : 3-May-101 03:10:34 pm End : 3-May-101 03:22:17 pm

SAMSUNG/SCH-I355/1;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/01050318_ZOOM.VLT
Start : 3-May-101 02:10:19 pm End : 3-May-101 02:17:57 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 848.97 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 - AMPS MODE
CHAN 0799 Conducted 26.0 dBm
SAMSUNG TRI-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -1.000, Z = 0.000 (cm) Value = 17.006

Measured Values (volts) =
1.596E-002 1.331E-002 1.150E-002 9.724E-003 8.398E-003 7.073E-003
6.273E-003 5.646E-003 5.384E-003 5.329E-003 5.227E-003 5.013E-003
4.612E-003 3.862E-003 3.174E-003 2.539E-003 2.100E-003 1.962E-003
2.081E-003 2.397E-003 2.748E-003

Calc. Voltage @ Surface (Vs) = 0.0188

Voltage @ 1.00 cm (Vt) = 0.0097

Ave. Voltage (Vs+Vt)/2 = 0.0143

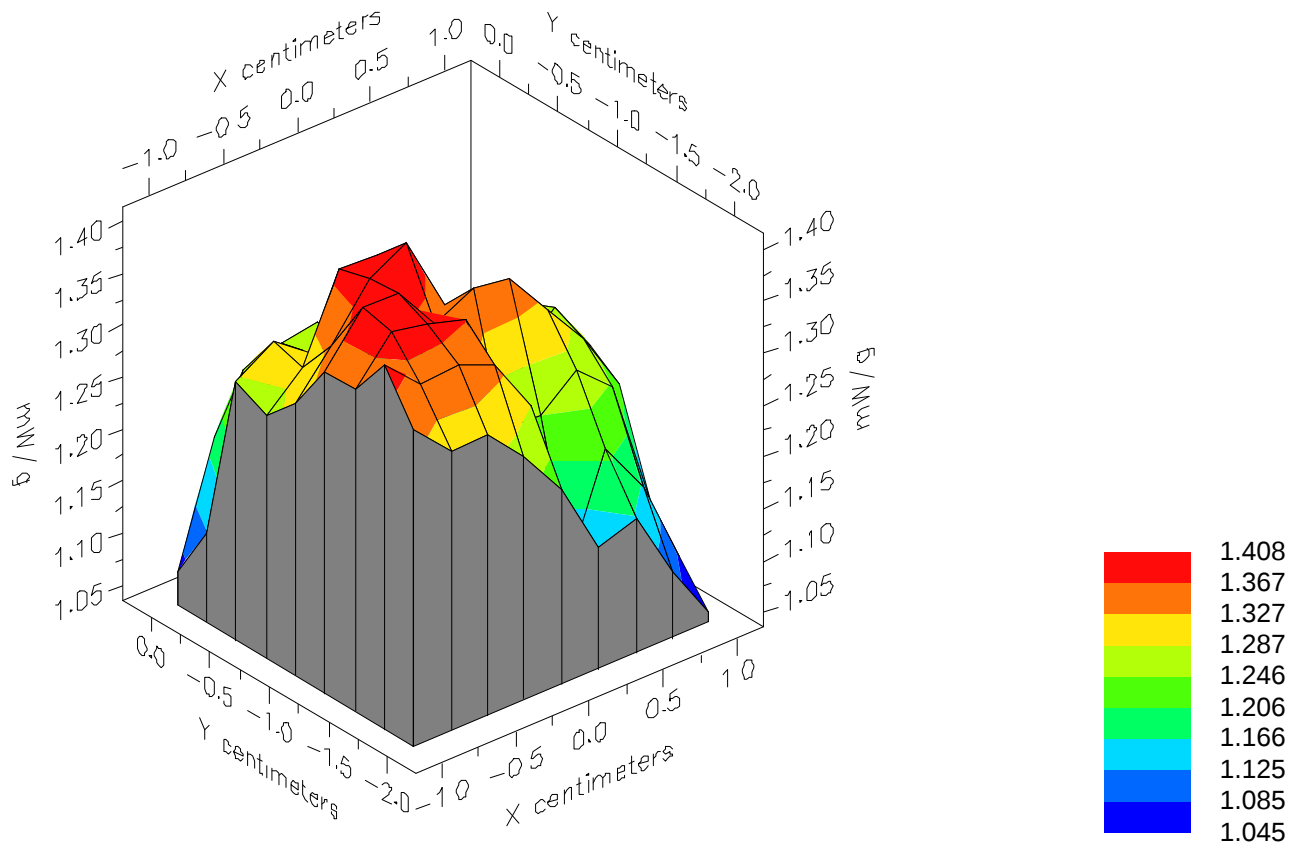
Ave. SAR over 1 g (mW/g) = 1.1809

File : 01050318_ZOOM

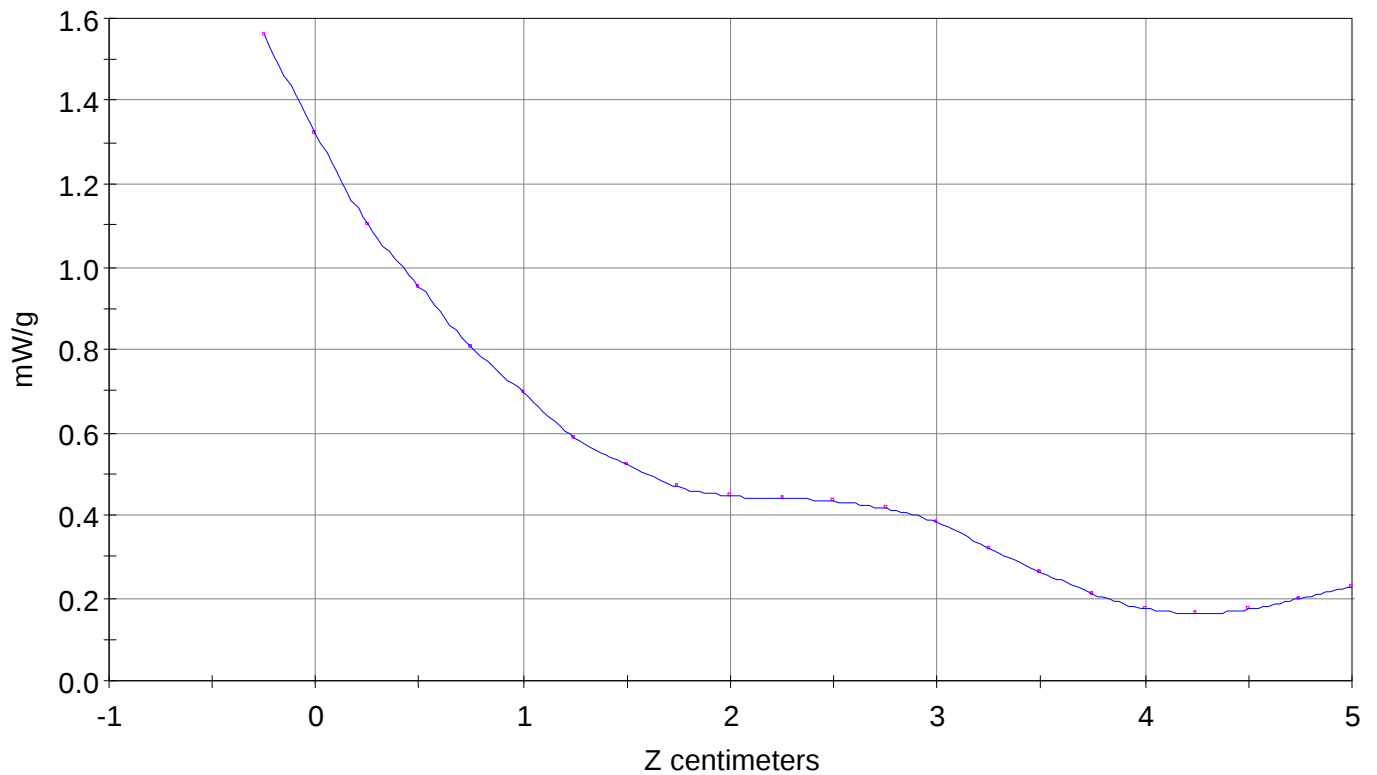
Start : 3-May-101 02:10:19 pm End : 3-May-101 02:17:57 pm

SAMSUNG/SCH-I355/1;848.97MHz;W;Helical/Out;

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



SAR Scan
File : 01050318_ZOOM
Start : 3-May-101 02:10:19 pm End : 3-May-101 02:17:57 pm
SAMSUNG/SCH-I355/1;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

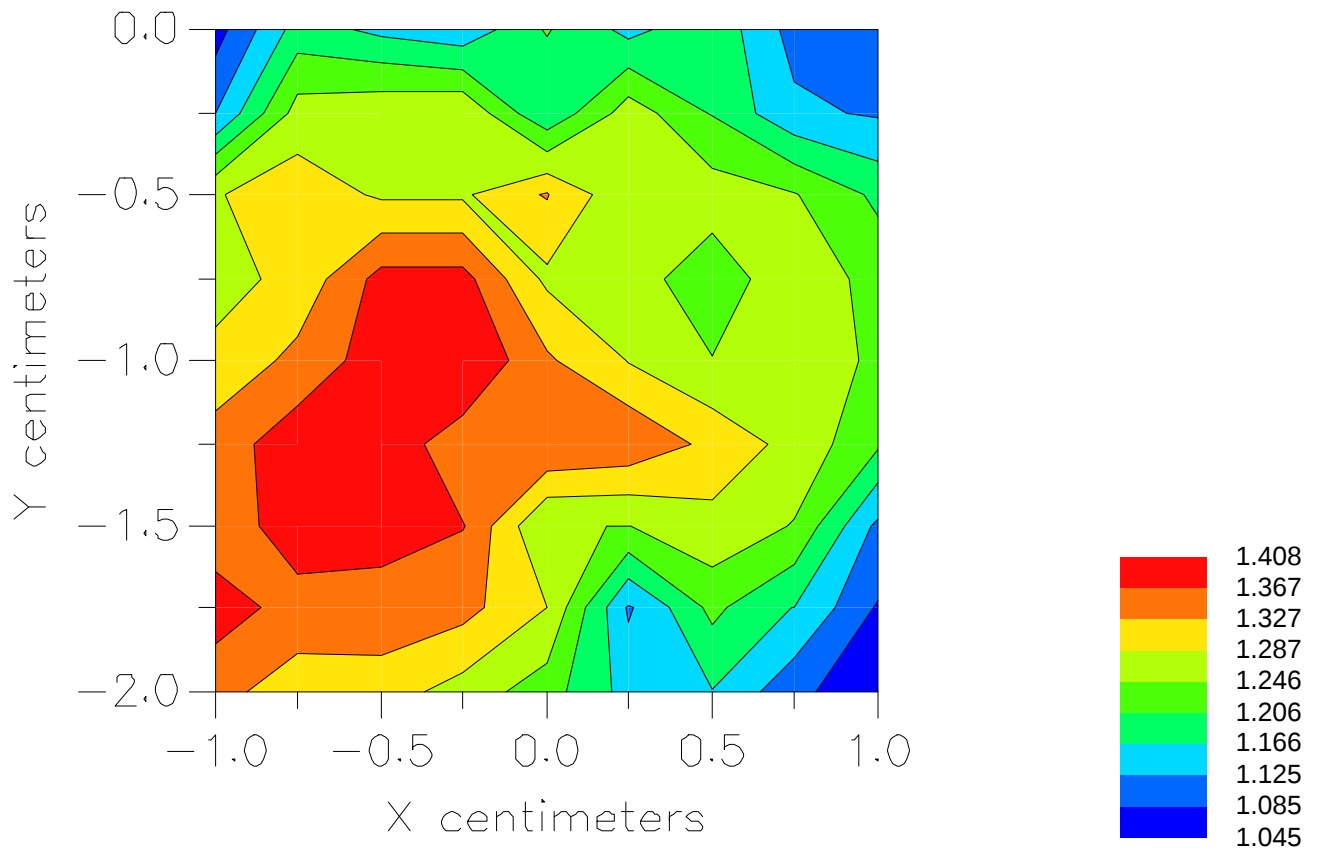


File : 01050318_ZOOM

Start : 3-May-101 02:10:19 pm End : 3-May-101 02:17:57 pm

SAMSUNG/SCH-I355/1;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/01050323_ZOOM.VLT
Start : 3-May-101 03:57:22 pm End : 3-May-101 04:05:00 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 24.5 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 = -1.000, Z = 0.000 (cm) Value = 9.907

Measured Values (volts) =
9.399E-003 7.673E-003 6.573E-003 5.449E-003 4.520E-003 3.621E-003
3.121E-003 2.749E-003 2.689E-003 2.509E-003 2.547E-003 2.351E-003
2.077E-003 1.622E-003 1.126E-003 6.977E-004 4.300E-004 3.058E-004
3.546E-004 6.481E-004 8.477E-004

Calc. Voltage @ Surface (Vs) = 0.0112

Voltage @ 1.00 cm (Vt) = 0.0054

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

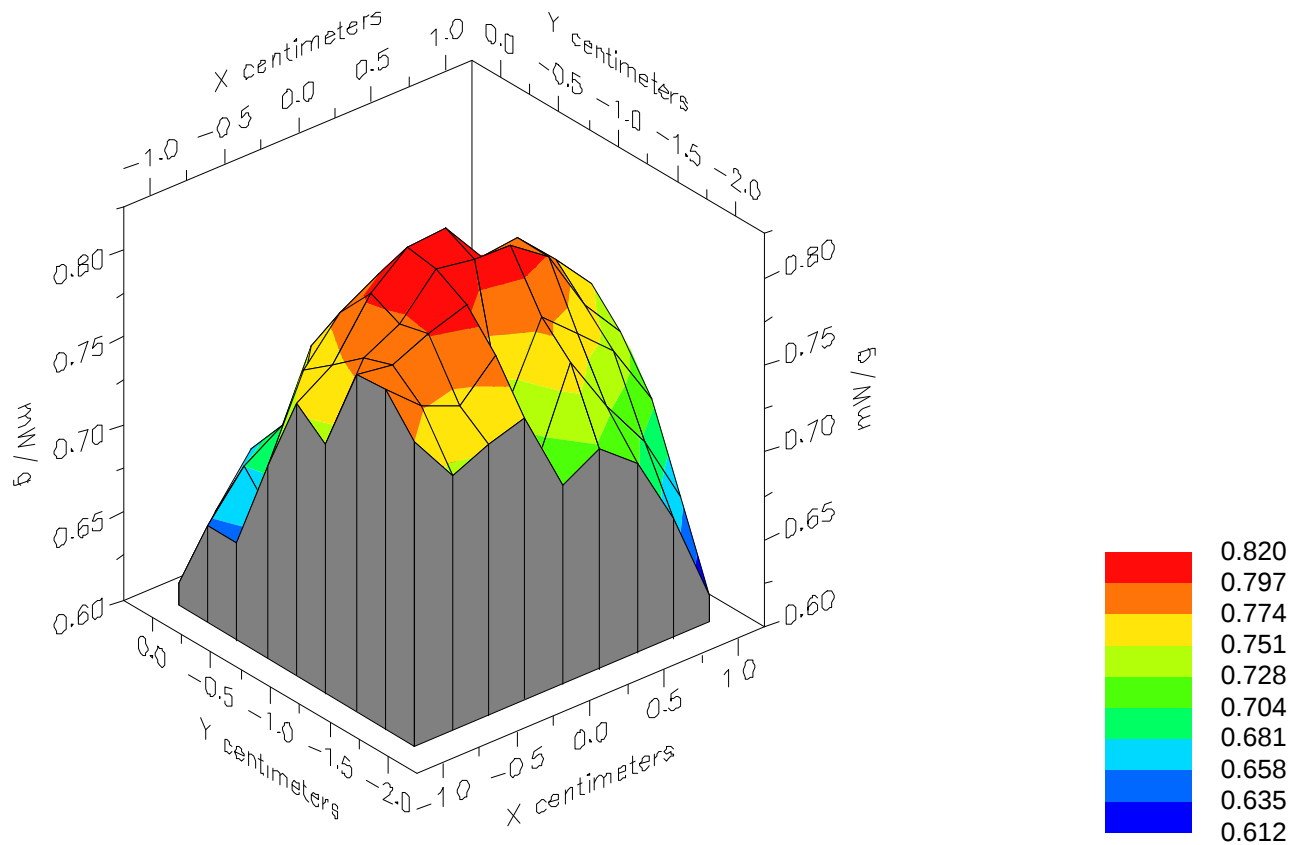
Ave. SAR over 1 g (mW/g) = 0.6908

File : 01050323_ZOOM

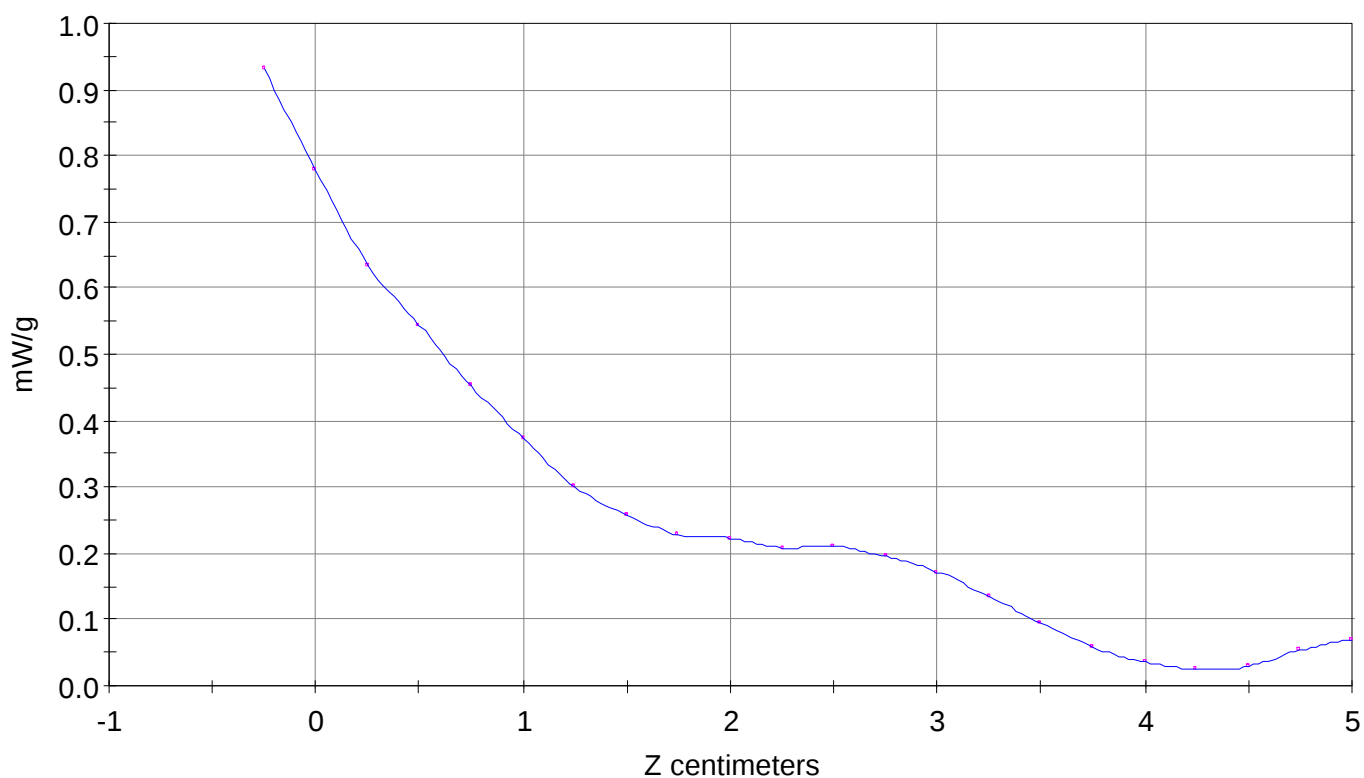
Start : 3-May-101 03:57:22 pm End : 3-May-101 04:05:00 pm

SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/In;

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



SAR Scan
File : 01050323_ZOOM
Start : 3-May-101 03:57:22 pm End : 3-May-101 04:05:00 pm
SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

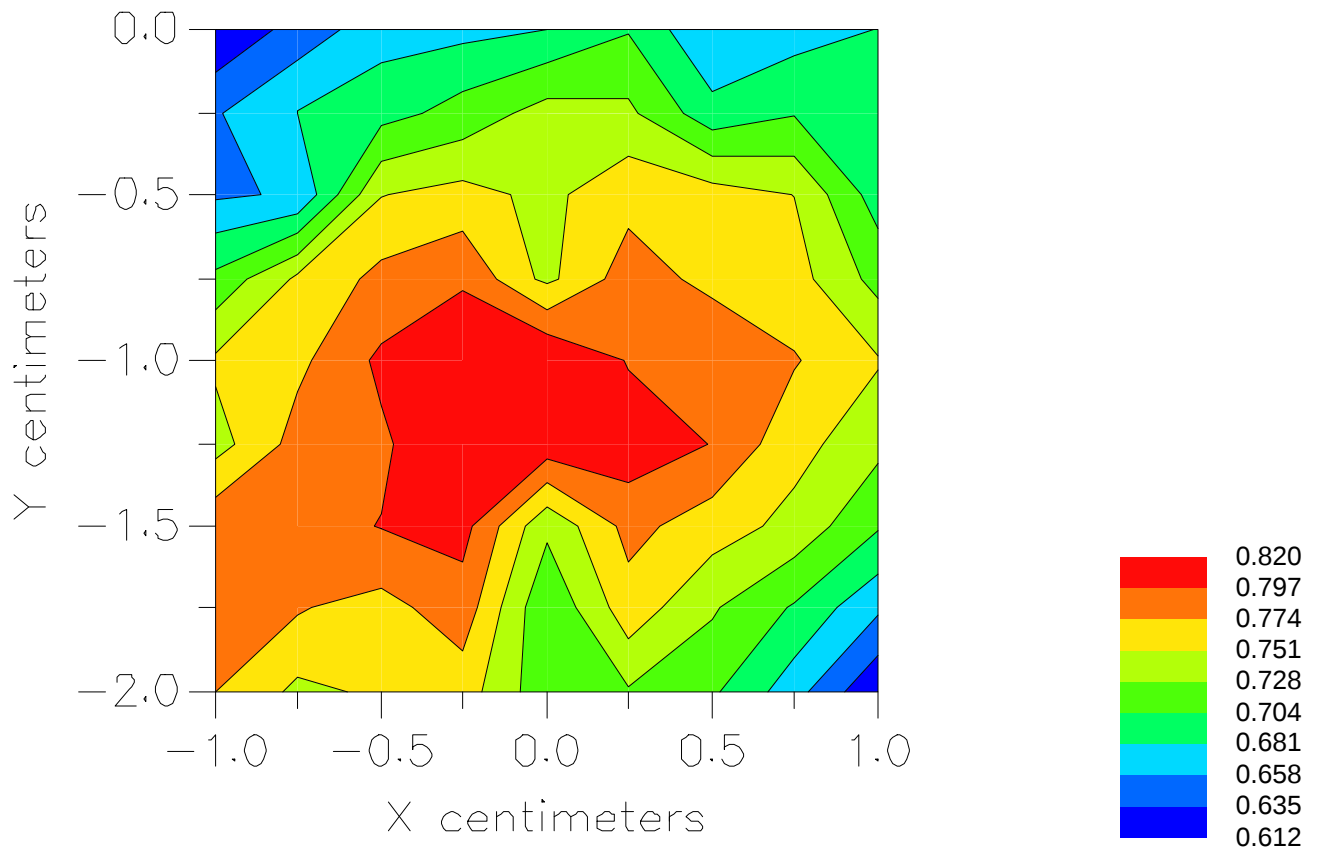


File : 01050323_ZOOM

Start : 3-May-101 03:57:22 pm End : 3-May-101 04:05:00 pm

SAMSUNG/SCH-I355/1;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/01050322_ZOOM.VLT
Start : 3-May-101 03:34:38 pm End : 3-May-101 03:46:20 pm

Radio Type : SAMSUNG
Model Number : SCH-I355
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG TRI-MODE PHONE - CDMA MODE
CHAN 0363 Conducted 24.5 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 = -1.000, Y = -1.500, Z = 0.000 (cm) Value = 10.530

Measured Values (volts) =
9.941E-003 8.030E-003 6.620E-003 5.376E-003 4.401E-003 3.729E-003
3.366E-003 3.170E-003 3.039E-003 2.988E-003 2.798E-003 2.401E-003
1.886E-003 1.289E-003 7.959E-004 4.446E-004 3.311E-004 4.622E-004
6.959E-004 9.532E-004 1.047E-003

Calc. Voltage @ Surface (Vs) = 0.0122

Voltage @ 1.00 cm (Vt) = 0.0054

Ave. Voltage (Vs+Vt)/2 = 0.0088

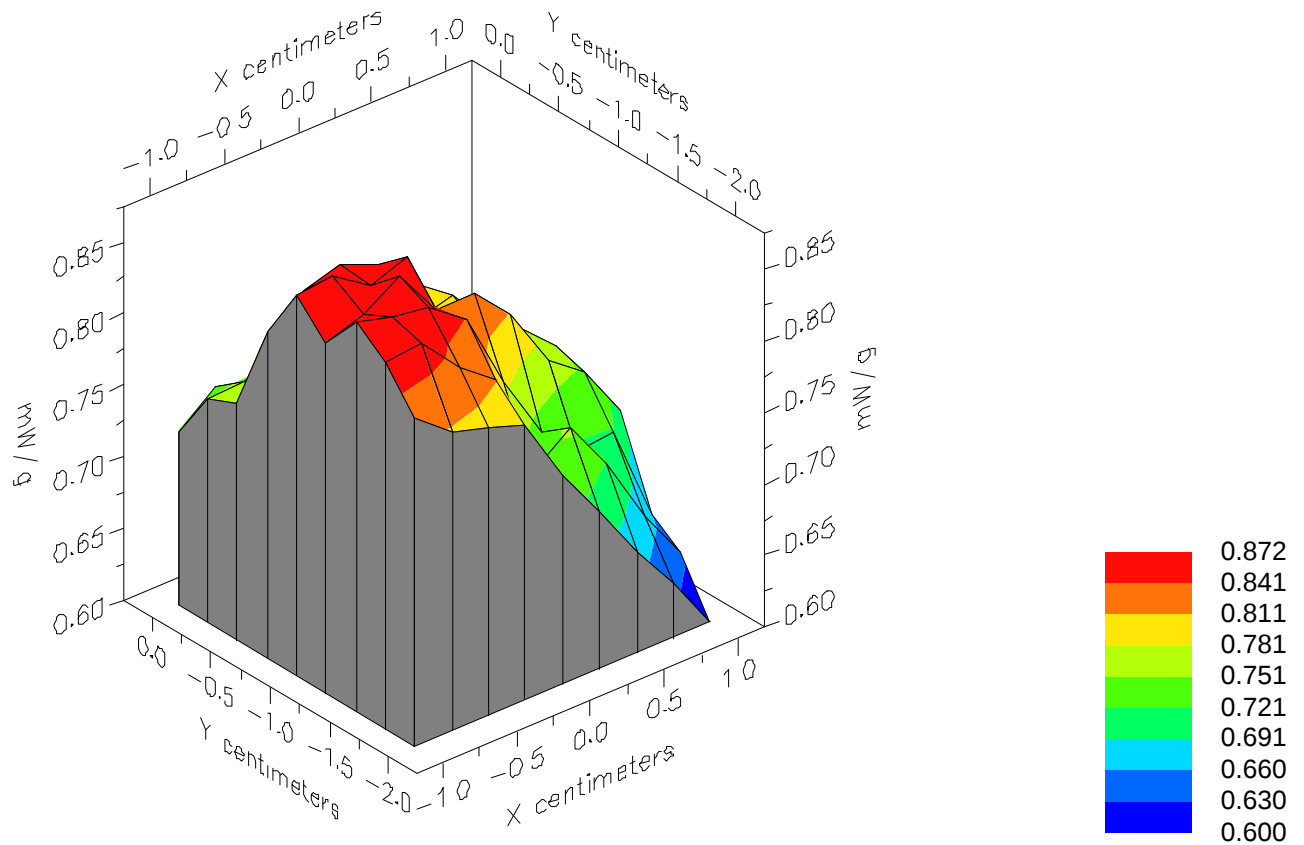
Ave. SAR over 1 g (mW/g) = 0.7267

File : 01050322_ZOOM

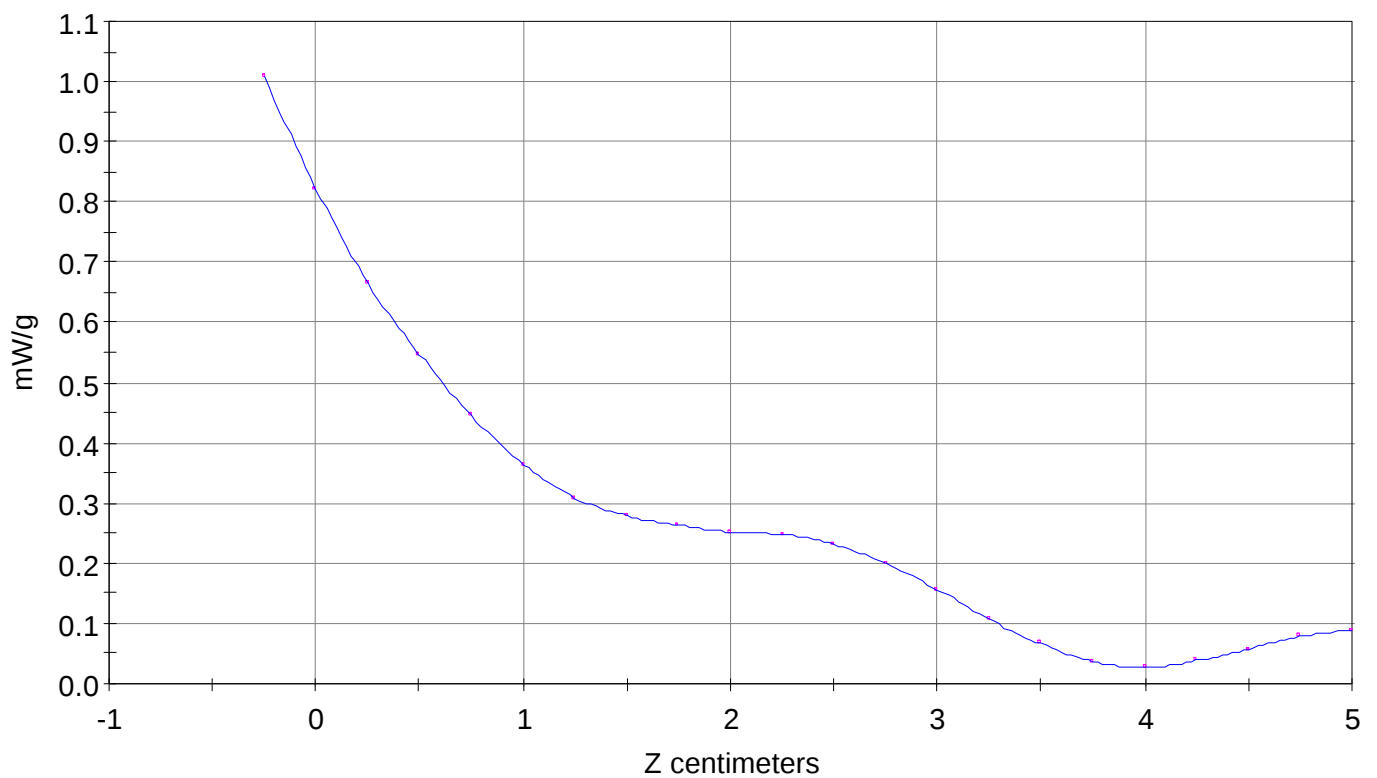
Start : 3-May-101 03:34:38 pm End : 3-May-101 03:46:20 pm

SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/Out;

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



SAR Scan
File : 01050322_ZOOM
Start : 3-May-101 03:34:38 pm End : 3-May-101 03:46:20 pm
SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 01050322_ZOOM

Start : 3-May-101 03:34:38 pm End : 3-May-101 03:46:20 pm

SAMSUNG/SCH-I355/1;835.89MHz;W;Helical/Out;

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

