

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00063004_ZOOM.VLT
Start : 30-Jun-100 10:16:08 am End : 30-Jun-100 10:29:09 am

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0991 27.0 dBm conducted
SAMSUNG DUAL BAND 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 = 0.750, Y = -1.250, Z = 0.000 (cm) Value = 18.467

Measured Values (volts) =
1.687E-002 1.285E-002 1.074E-002 9.054E-003 8.209E-003 7.392E-003
6.673E-003 5.963E-003 5.148E-003 4.298E-003 3.402E-003 2.478E-003
1.646E-003 9.872E-004 6.247E-004 5.655E-004 6.337E-004 7.648E-004
1.080E-003 1.354E-003 1.401E-003

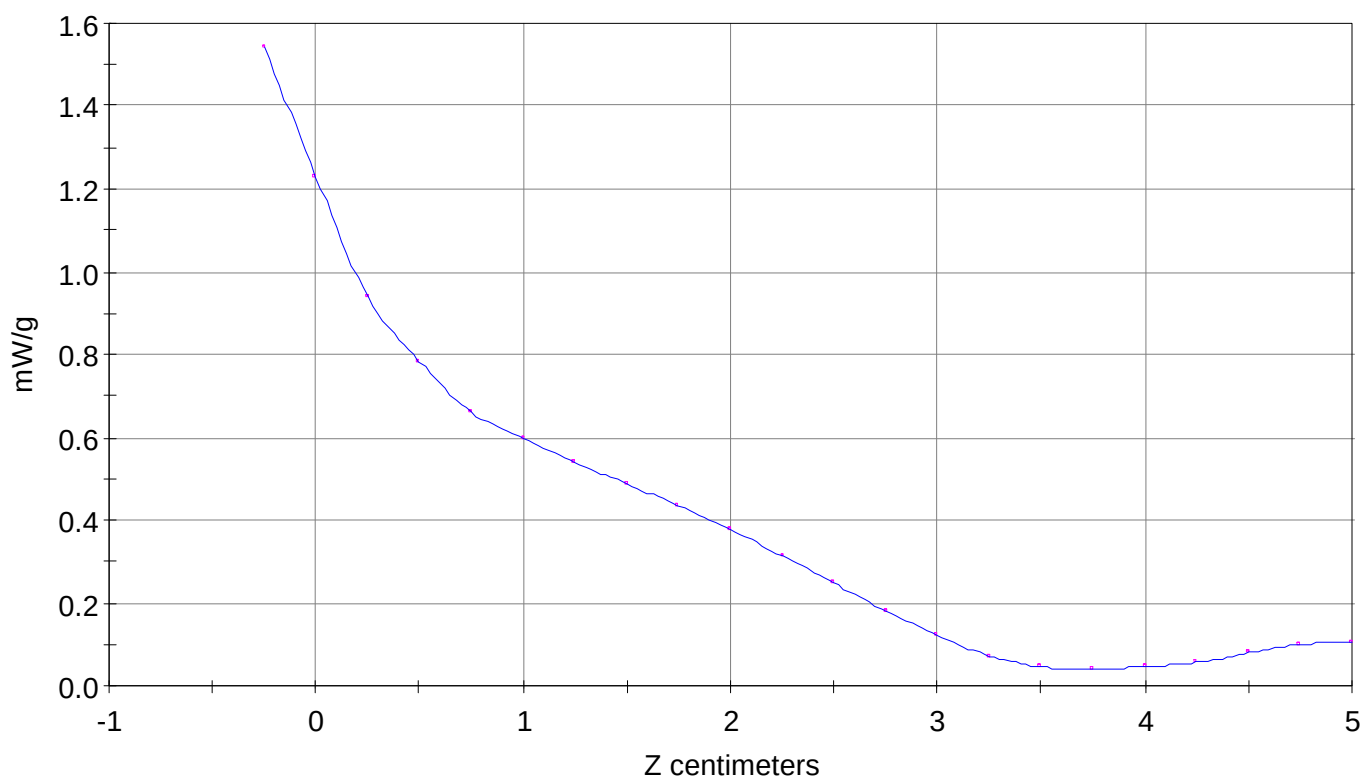
Calc. Voltage @ Surface (Vs) = 0.0212

Voltage @ 1.00 cm (Vt) = 0.0091

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

Ave. SAR over 1 g (mW/g) = 1.1027

SAR Scan
File : 00063004_ZOOM
Start : 30-Jun-100 10:16:08 am End : 30-Jun-100 10:29:09 am
SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

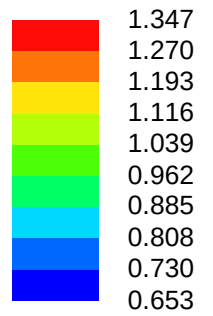
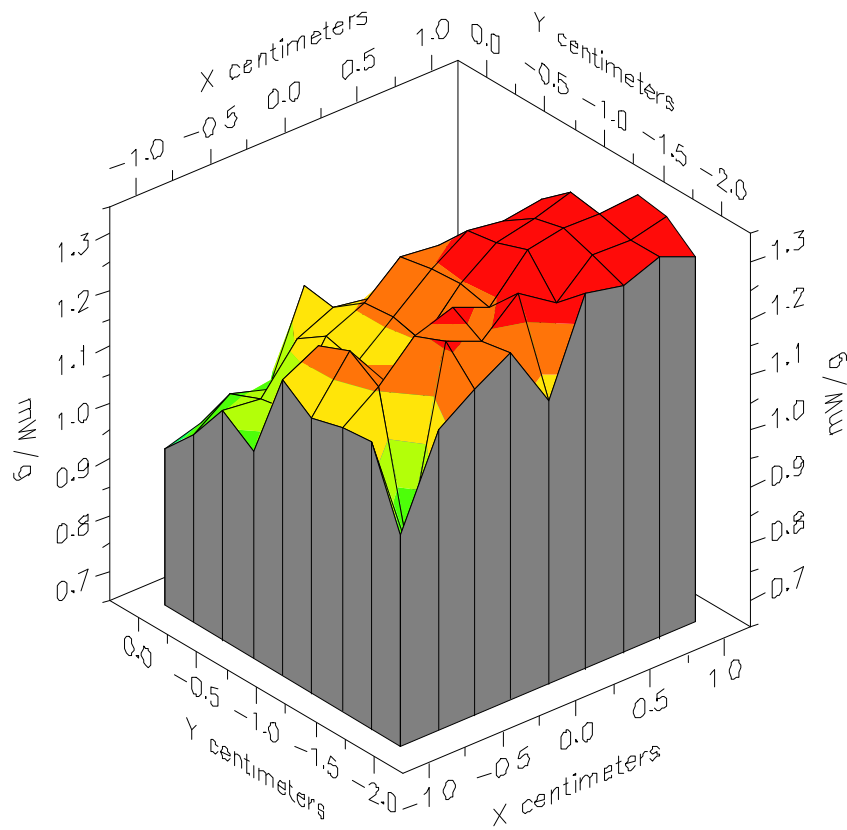


File : 00063004_ZOOM

Start : 30-Jun-100 10:16:08 am End : 30-Jun-100 10:29:09 am

SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/In;

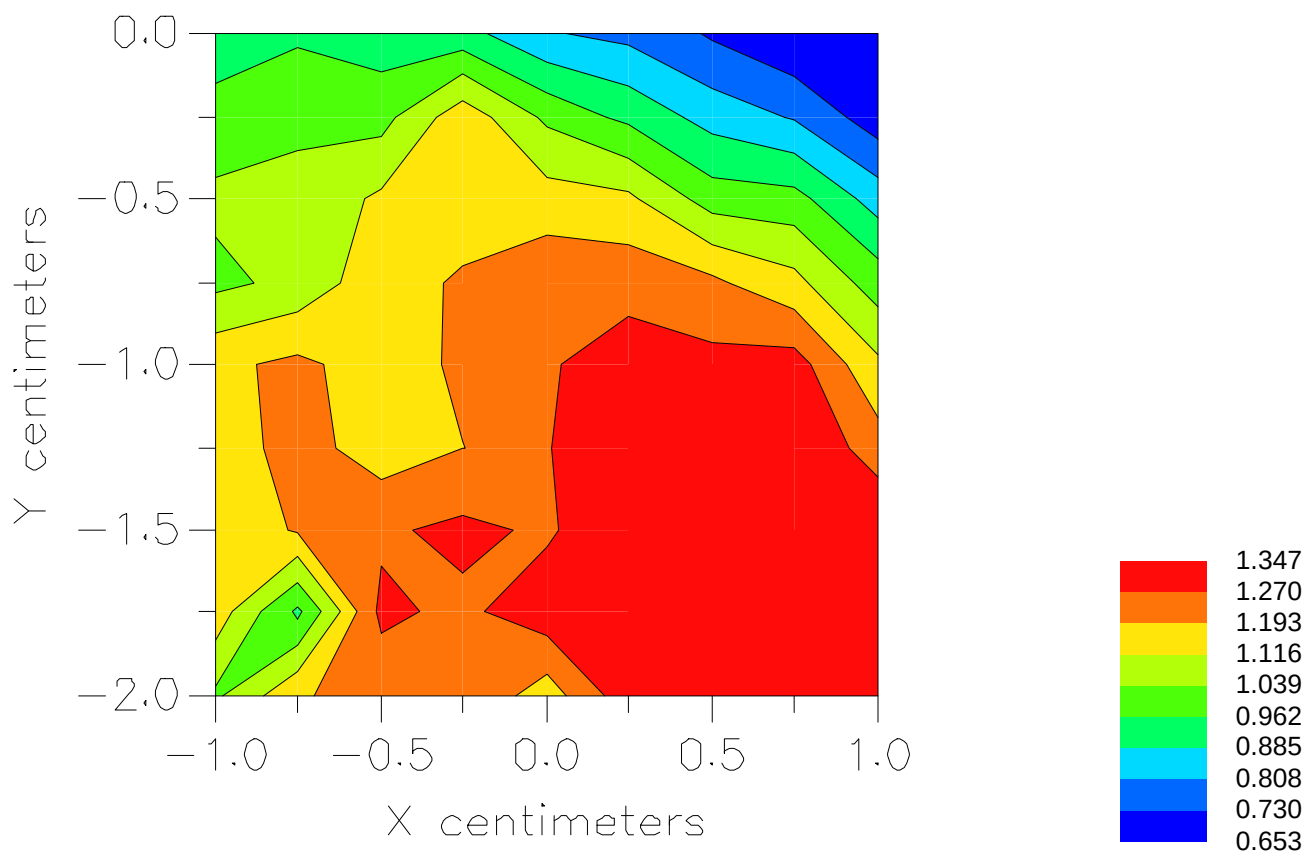
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 00063004_ZOOM

Start : 30-Jun-100 10:16:08 am End : 30-Jun-100 10:29:09 am

SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00063011_ZOOM.VLT
Start : 30-Jun-100 04:59:54 pm End : 30-Jun-100 05:14:34 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0991 27.0 dBm conducted
SAMSUNG DUAL BAND 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 = 10.554

Measured Values (volts) =
9.969E-003 8.347E-003 7.181E-003 6.488E-003 6.063E-003 5.834E-003
5.551E-003 5.152E-003 4.700E-003 4.063E-003 3.219E-003 2.489E-003
1.871E-003 1.336E-003 1.051E-003 9.754E-004 1.189E-003 1.526E-003
1.751E-003 2.035E-003 2.022E-003

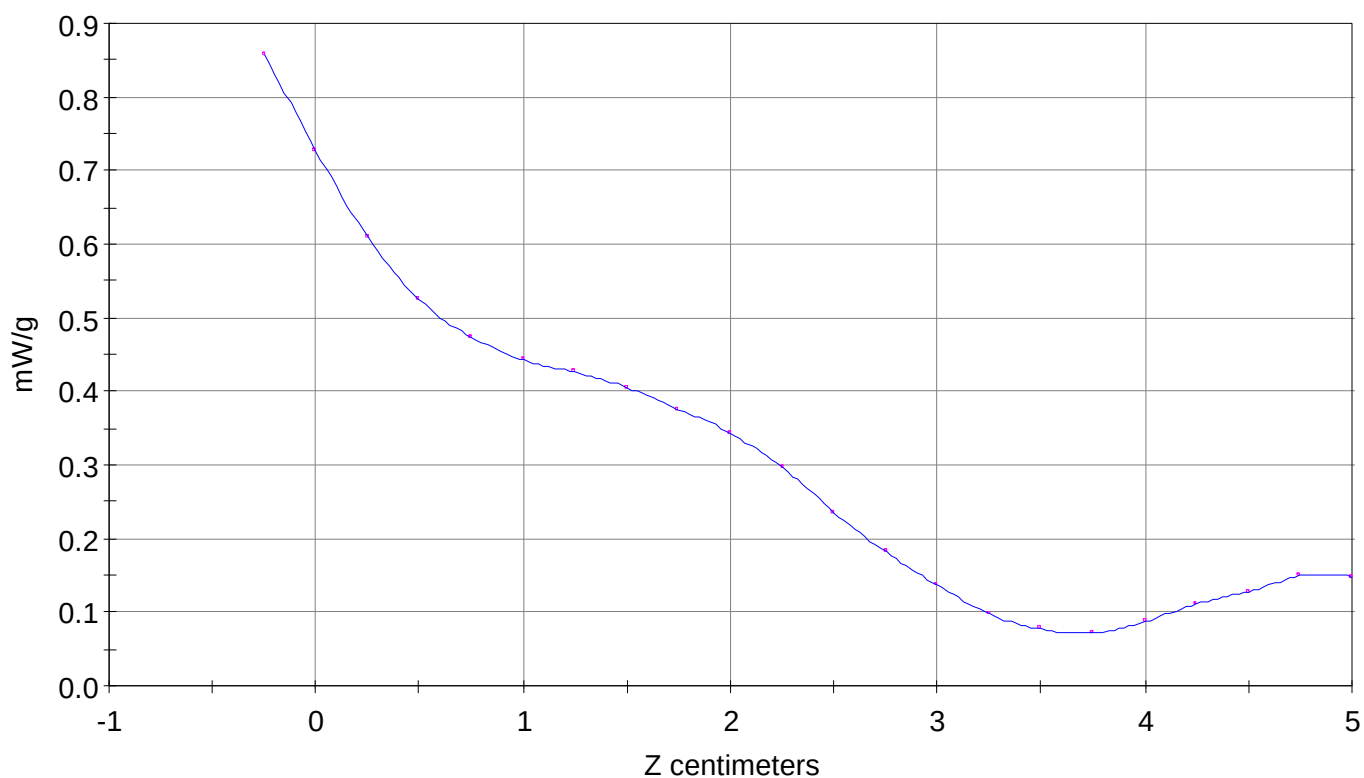
Calc. Voltage @ Surface (Vs) = 0.0117

Voltage @ 1.00 cm (Vt) = 0.0065

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

Ave. SAR over 1 g (mW/g) = 0.6653

SAR Scan
File : 00063011_ZOOM
Start : 30-Jun-100 04:59:54 pm End : 30-Jun-100 05:14:34 pm
SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

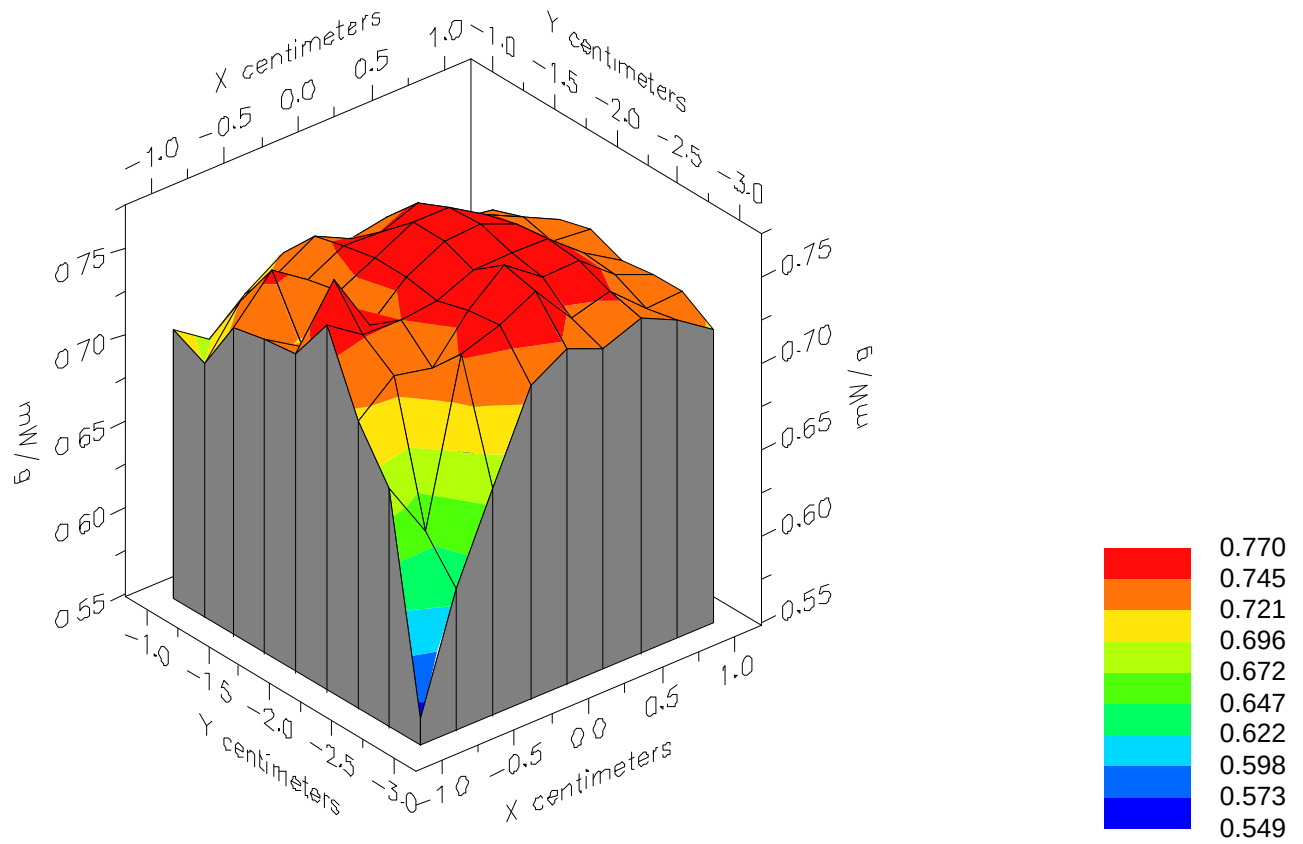


File : 00063011_ZOOM

Start : 30-Jun-100 04:59:54 pm End : 30-Jun-100 05:14:34 pm

SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

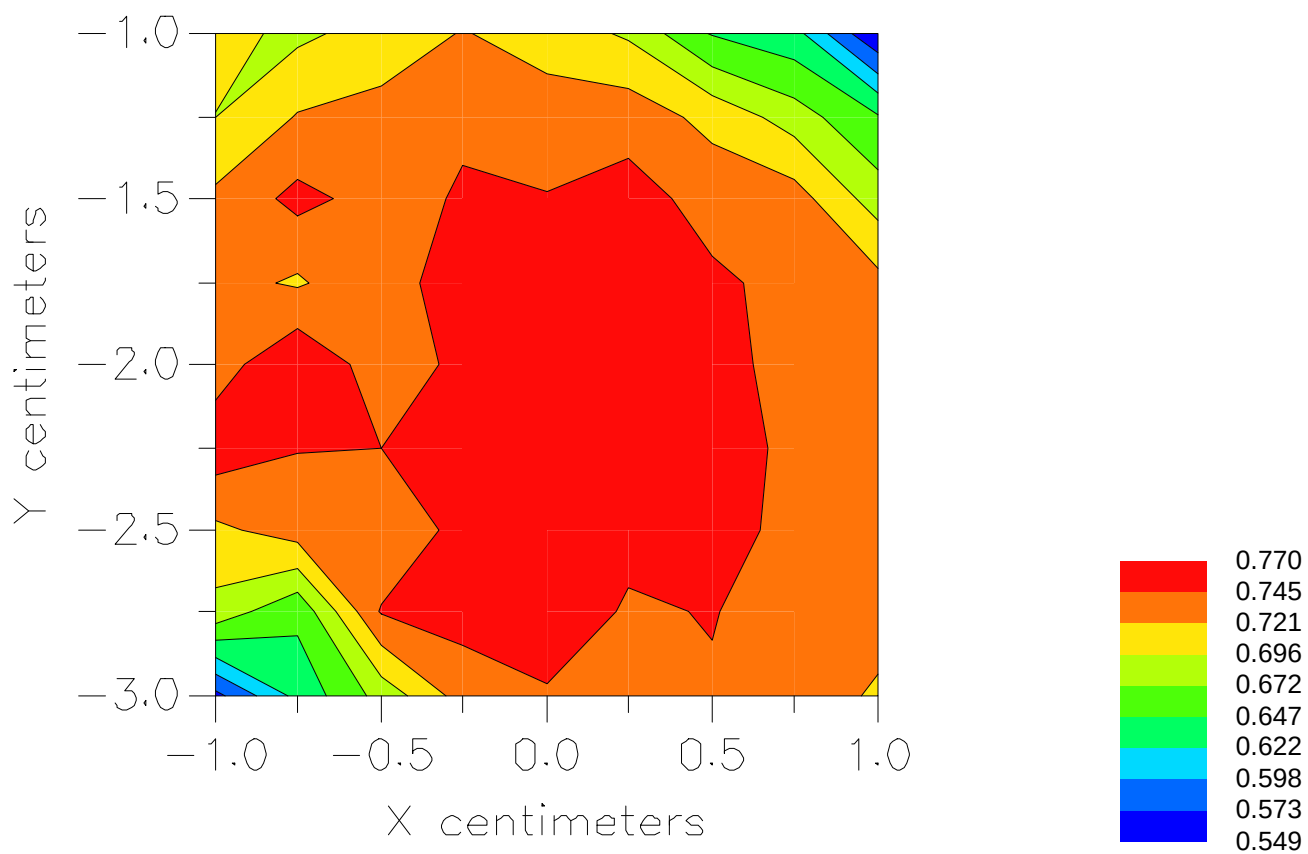


File : 00063011_ZOOM

Start : 30-Jun-100 04:59:54 pm End : 30-Jun-100 05:14:34 pm

SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00063007_ZOOM.VLT
Start : 30-Jun-100 12:02:29 pm End : 30-Jun-100 12:15:12 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0799 27.0 dBm conducted
SAMSUNG DUAL BAND 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 = -1.250, Z = 0.000 (cm) Value = 16.166

Measured Values (volts) =
1.770E-002 1.220E-002 1.002E-002 8.366E-003 7.438E-003 6.528E-003
5.798E-003 5.159E-003 4.547E-003 3.777E-003 2.946E-003 2.045E-003
1.181E-003 5.744E-004 3.165E-004 3.040E-004 3.901E-004 5.415E-004
6.845E-004 9.271E-004 9.798E-004

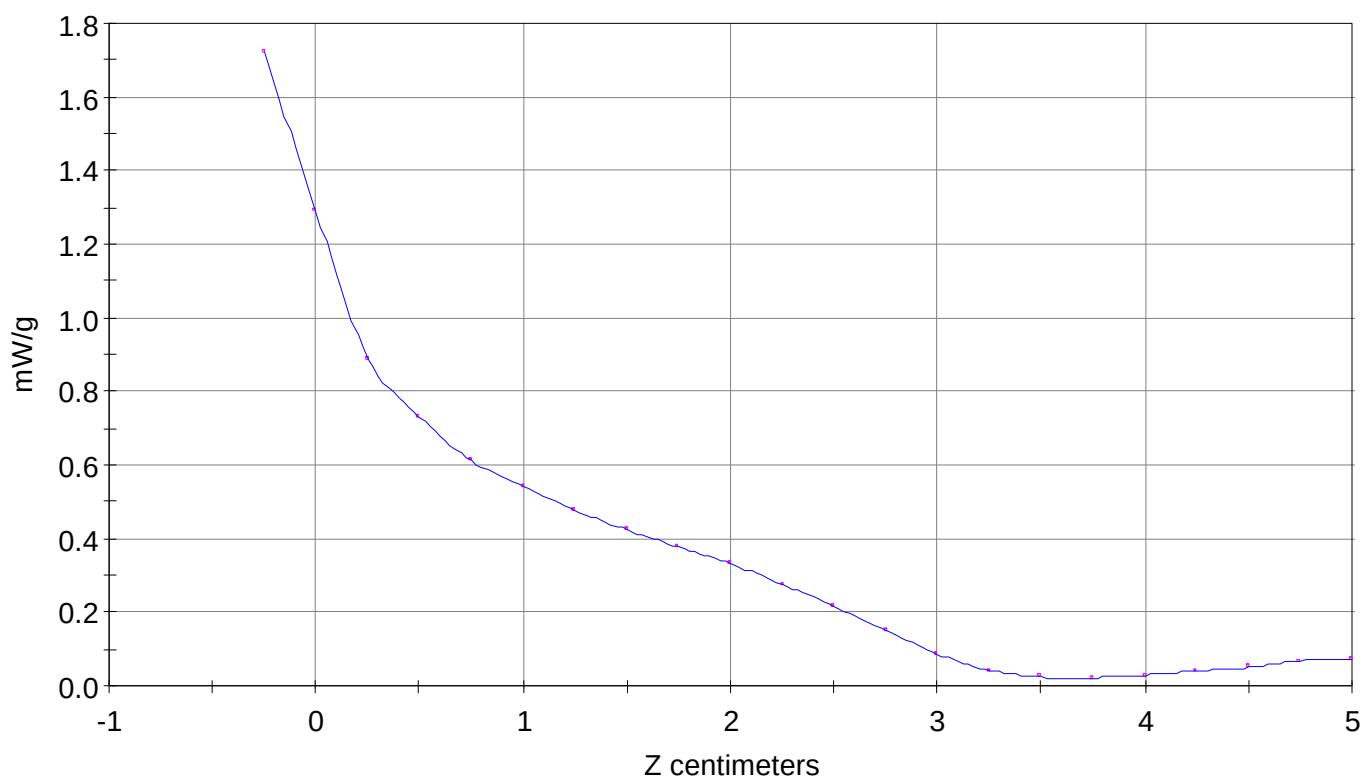
Calc. Voltage @ Surface (Vs) = 0.0236

Voltage @ 1.00 cm (Vt) = 0.0084

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

Ave. SAR over 1 g (mW/g) = 1.1667

SAR Scan
File : 00063007_ZOOM
Start : 30-Jun-100 12:02:29 pm End : 30-Jun-100 12:15:12 pm
SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

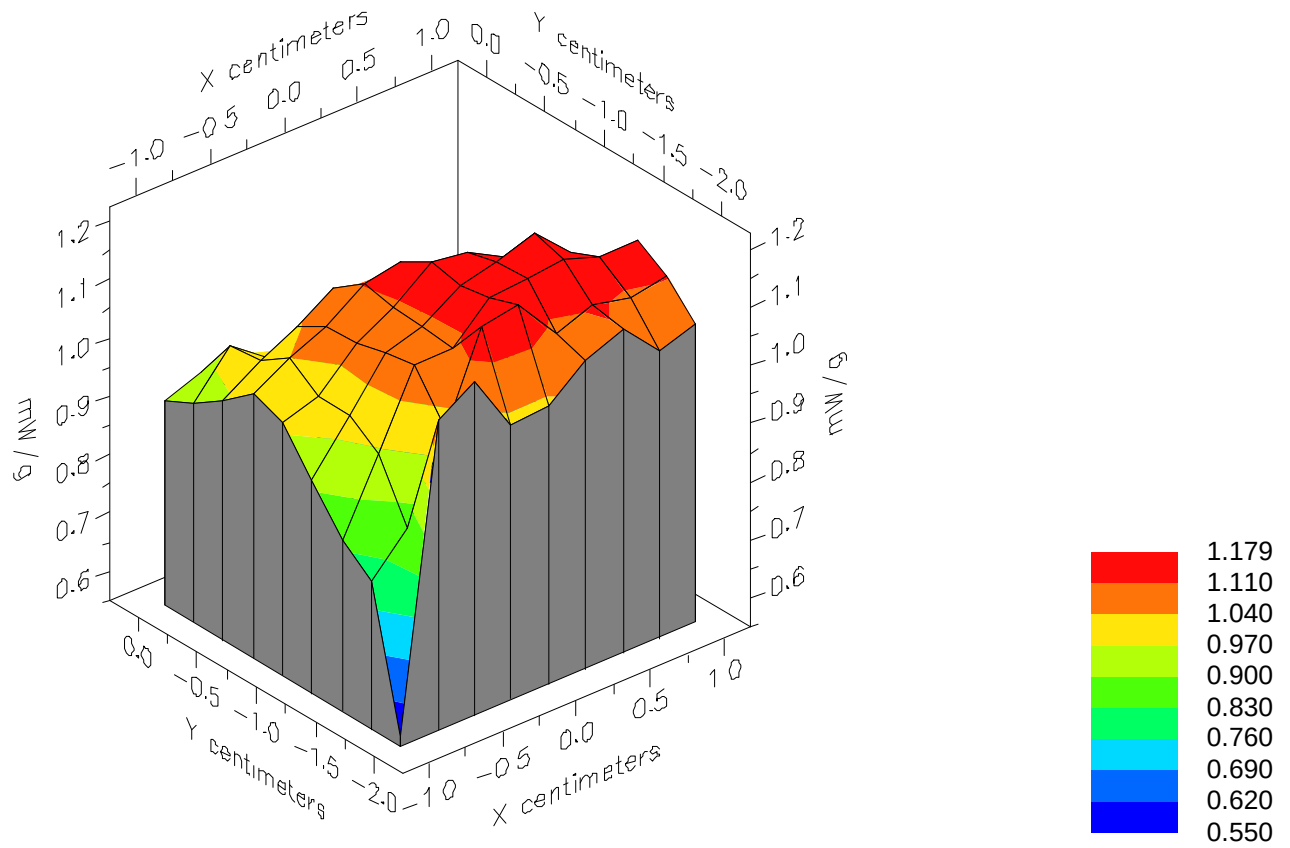


File : 00063007_ZOOM

Start : 30-Jun-100 12:02:29 pm End : 30-Jun-100 12:15:12 pm

SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/In;

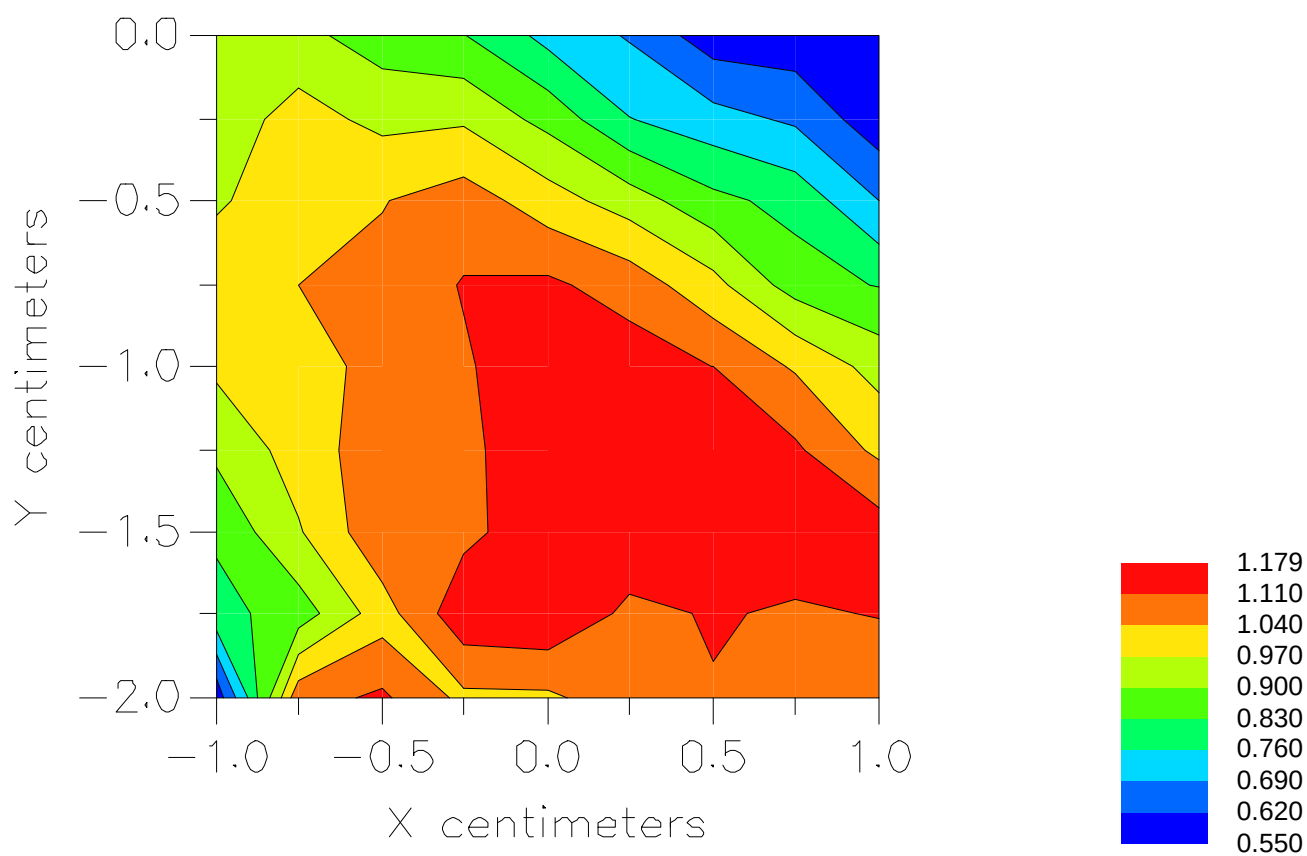
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 00063007_ZOOM

Start : 30-Jun-100 12:02:29 pm End : 30-Jun-100 12:15:12 pm

SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00063010_ZOOM.VLT
Start : 30-Jun-100 04:27:01 pm End : 30-Jun-100 04:40:00 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0383 27.0 dBm conducted
SAMSUNG DUAL BAND 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 = -1.750, Z = 0.000 (cm) Value = 9.214

Measured Values (volts) =
7.885E-003 6.223E-003 5.277E-003 4.699E-003 4.338E-003 4.076E-003
3.873E-003 3.537E-003 3.188E-003 2.654E-003 2.089E-003 1.398E-003
9.510E-004 5.509E-004 3.394E-004 2.892E-004 3.959E-004 6.447E-004
8.982E-004 1.066E-003 1.052E-003

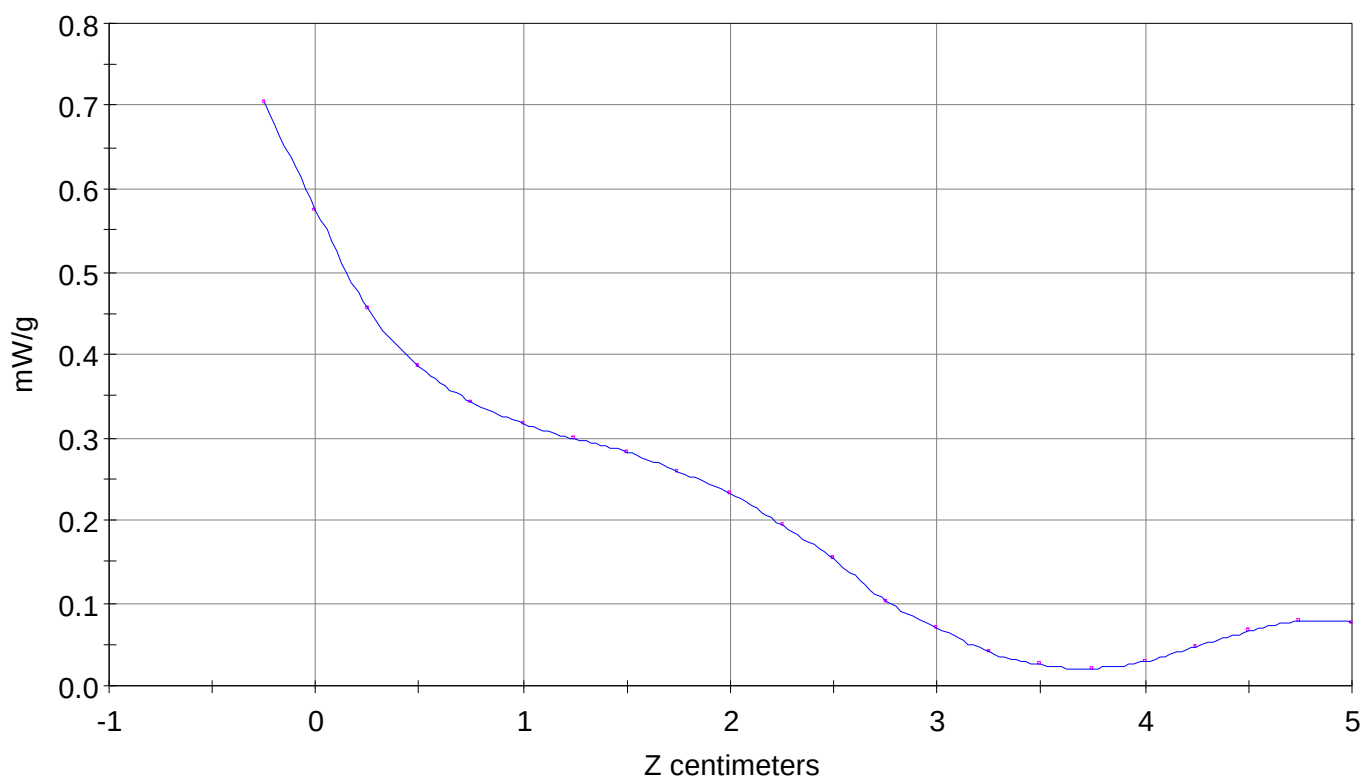
Calc. Voltage @ Surface (Vs) = 0.0096

Voltage @ 1.00 cm (Vt) = 0.0047

Ave. Voltage (Vs+Vt)/2 = 0.0072

Ave. SAR over 1 g (mW/g) = 0.5233

SAR Scan
File : 00063010_ZOOM
Start : 30-Jun-100 04:27:01 pm End : 30-Jun-100 04:40:00 pm
SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

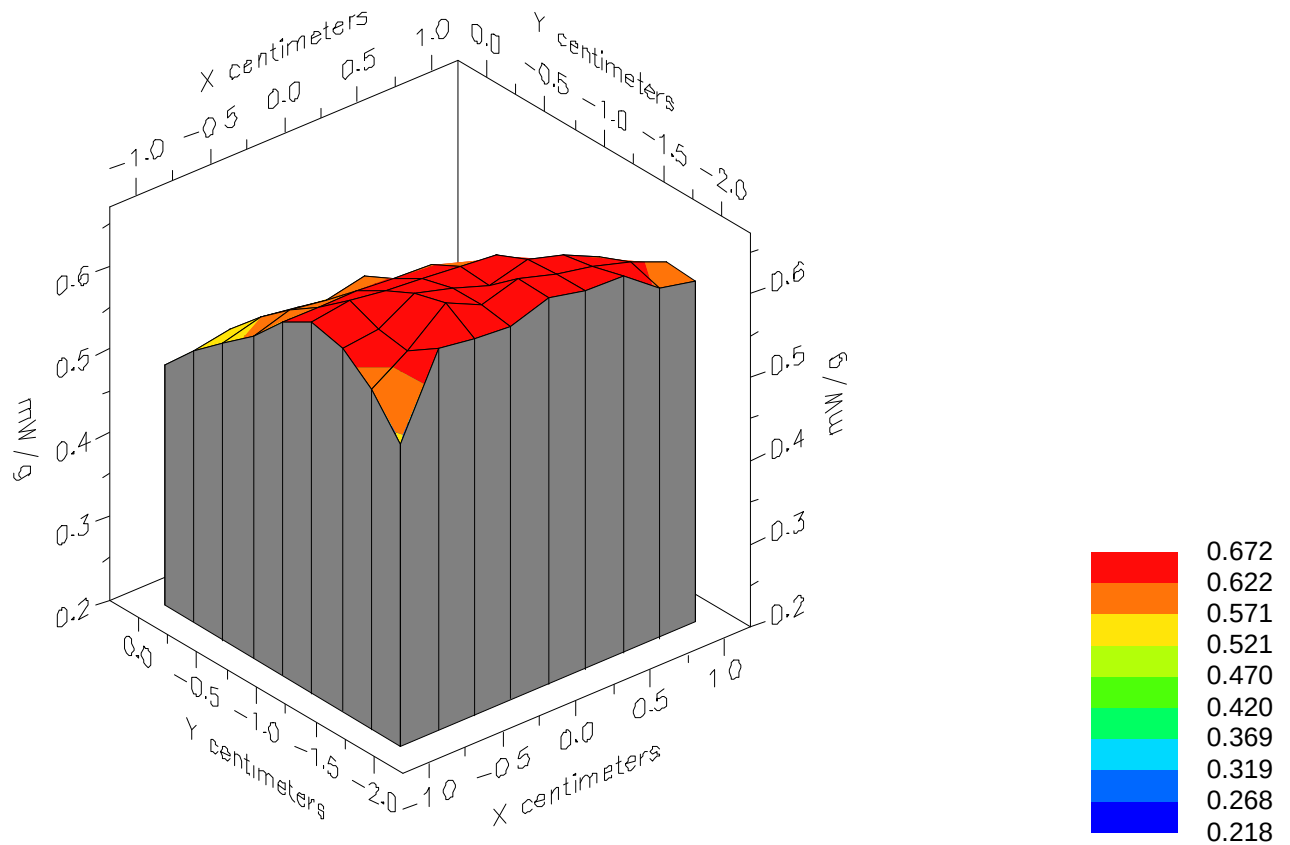


File : 00063010_ZOOM

Start : 30-Jun-100 04:27:01 pm End : 30-Jun-100 04:40:00 pm

SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

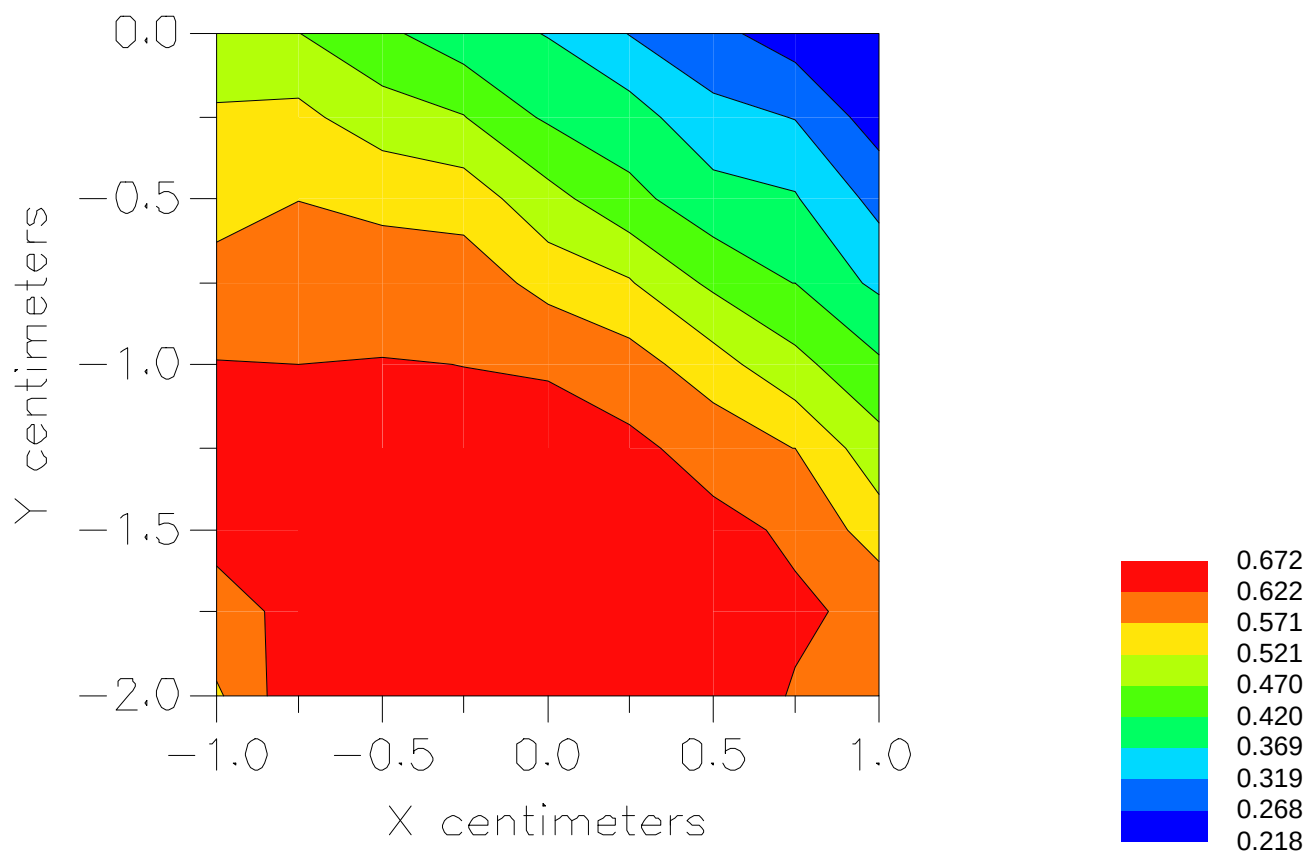


File : 00063010_ZOOM

Start : 30-Jun-100 04:27:01 pm End : 30-Jun-100 04:40:00 pm

SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00063003_ZOOM.VLT
Start : 30-Jun-100 09:54:33 am End : 30-Jun-100 10:07:36 am

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0383 27.0 dBm conducted
SAMSUNG DUAL BAND 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 = -1.750, Z = 0.000 (cm) Value = 21.185

Measured Values (volts) =
1.808E-002 1.333E-002 1.094E-002 9.239E-003 8.082E-003 7.309E-003
6.526E-003 5.812E-003 5.019E-003 4.195E-003 3.215E-003 2.278E-003
1.427E-003 7.461E-004 3.955E-004 4.314E-004 5.381E-004 8.076E-004
1.182E-003 1.473E-003 1.415E-003

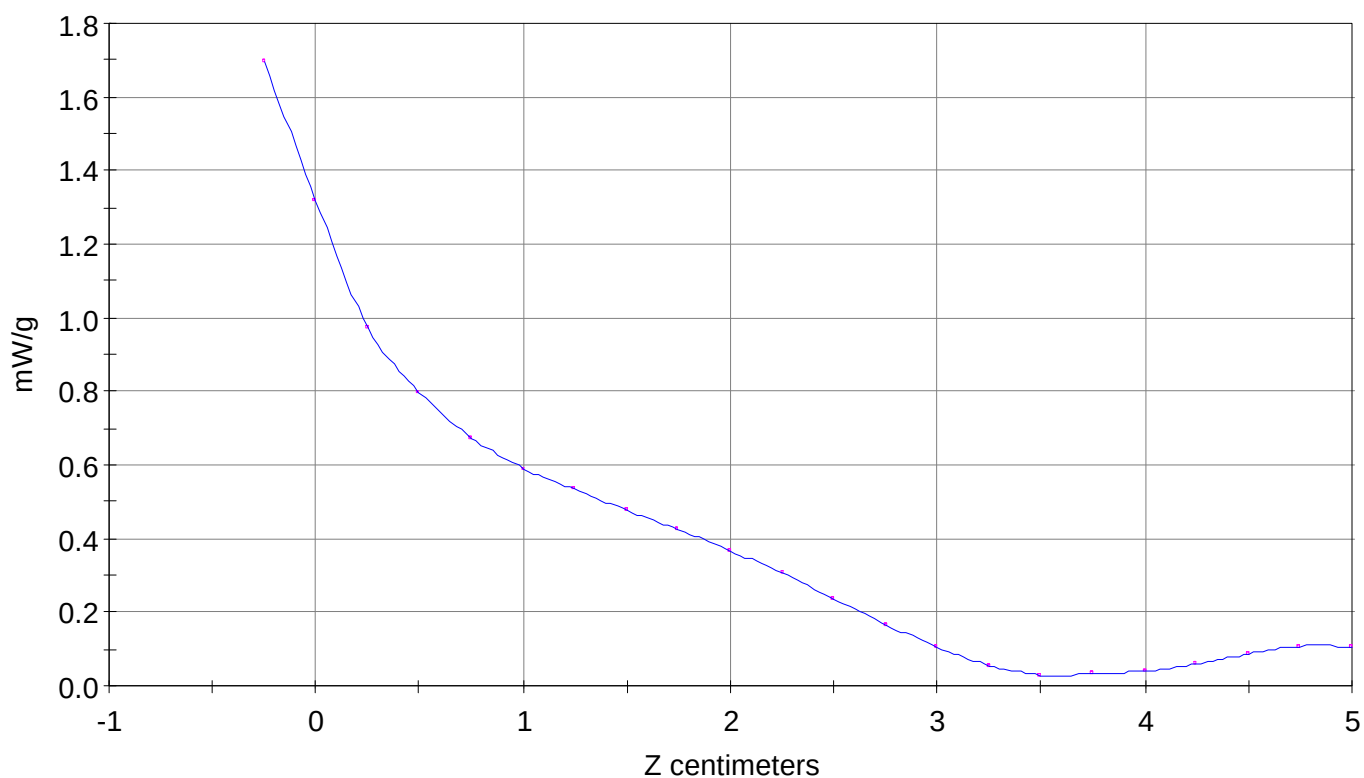
Calc. Voltage @ Surface (Vs) = 0.0233

Voltage @ 1.00 cm (Vt) = 0.0092

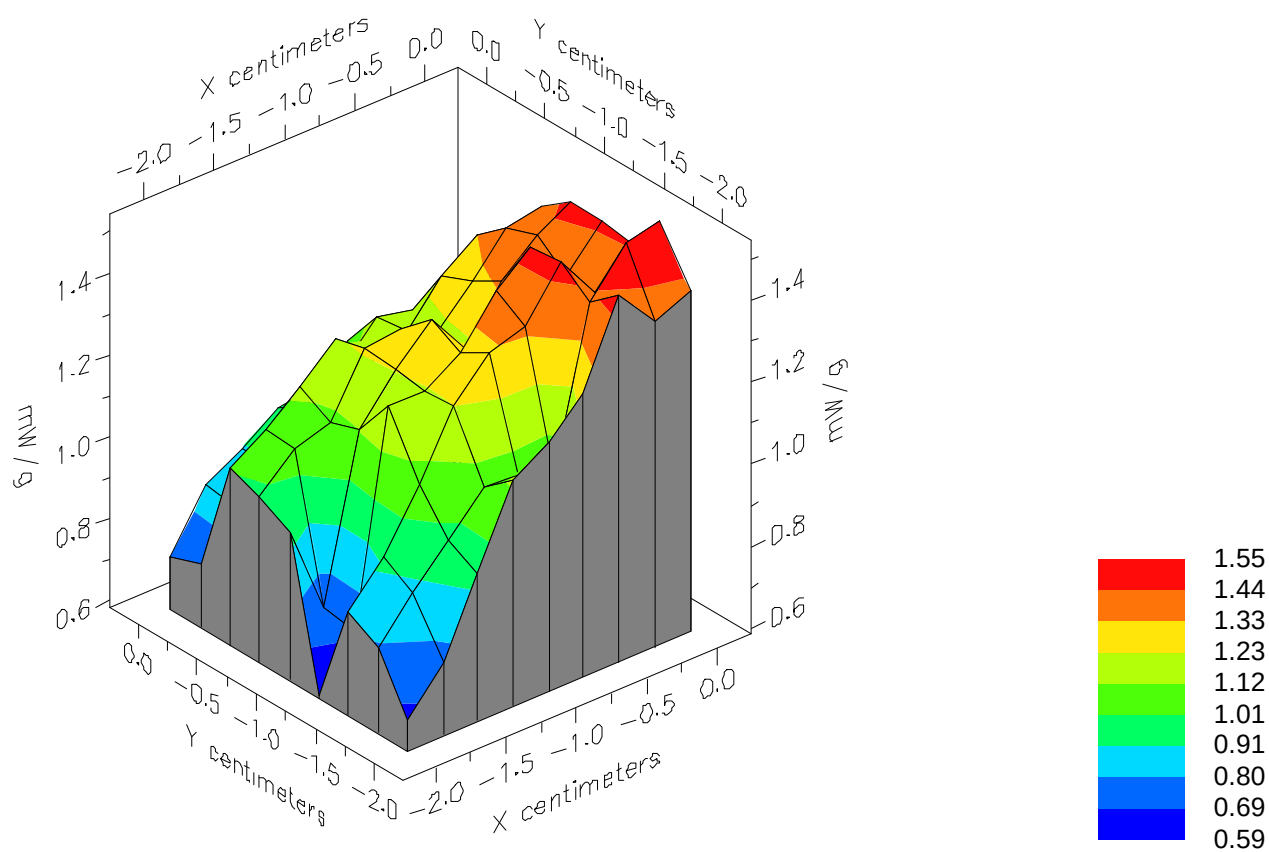
Ave. Voltage (Vs+Vt)/2 = 0.0163

Ave. SAR over 1 g (mW/g) = 1.1860

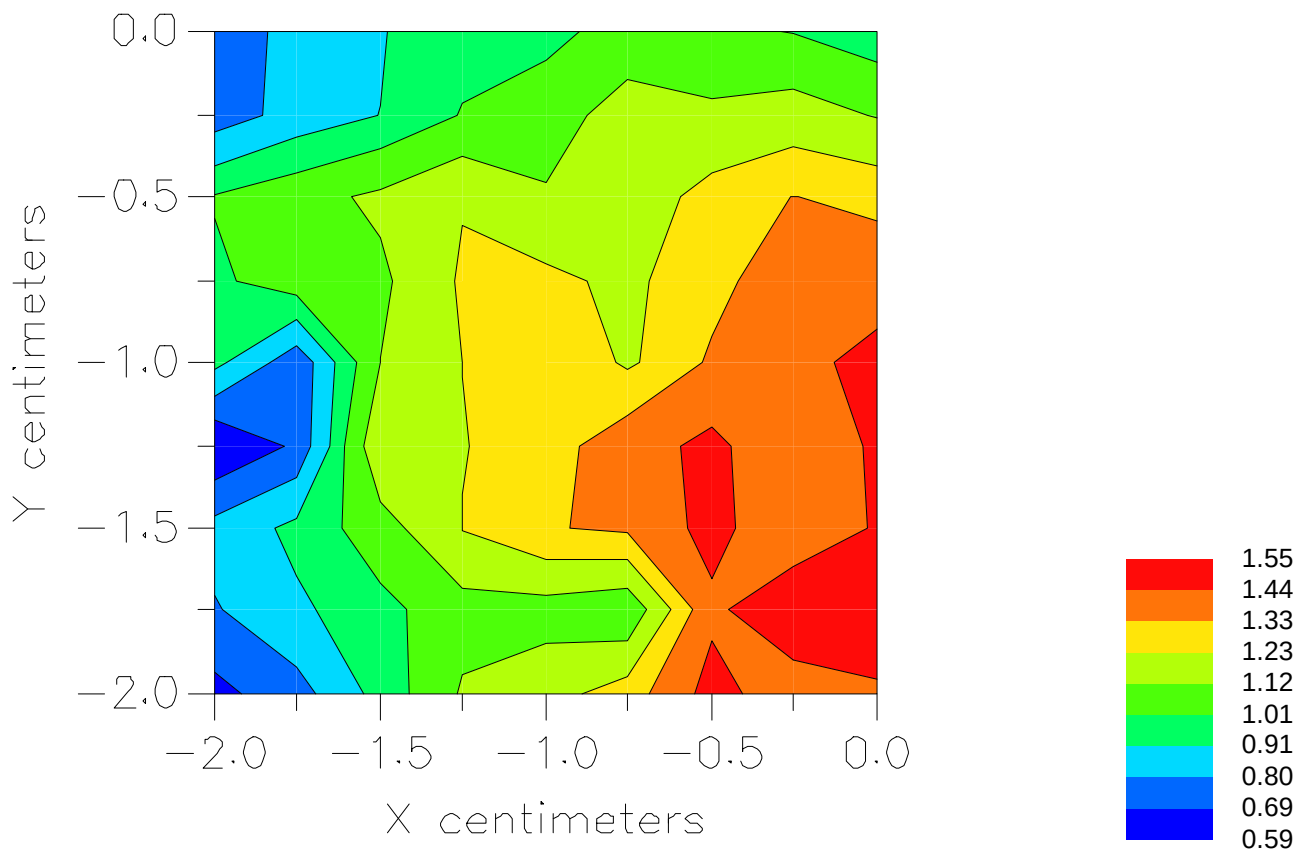
SAR Scan
File : 00063003_ZOOM
Start : 30-Jun-100 09:54:33 am End : 30-Jun-100 10:07:36 am
SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 00063003_ZOOM
Start : 30-Jun-100 09:54:33 am End : 30-Jun-100 10:07:36 am
SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 00063003_ZOOM
Start : 30-Jun-100 09:54:33 am End : 30-Jun-100 10:07:36 am
SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00070503_ZOOM.VLT
Start : 5-Jul-100 11:17:42 am End : 5-Jul-100 11:30:32 am

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 = 43.400
Mixture Conductivity = 0.900

Comment :
SAMSUNG DUAL BAND PHONE FM MODE
CHAN 0799 27.0 dBm conducted
SAMSUNG DUAL BAND 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 = -1.250, Z = 0.000 (cm) Value = 15.364

Measured Values (volts) =
1.370E-002 1.092E-002 9.056E-003 7.863E-003 6.864E-003 6.235E-003
5.779E-003 5.058E-003 4.570E-003 3.820E-003 3.188E-003 2.377E-003
1.748E-003 1.292E-003 1.034E-003 9.775E-004 1.075E-003 1.283E-003
1.529E-003 1.659E-003 1.604E-003

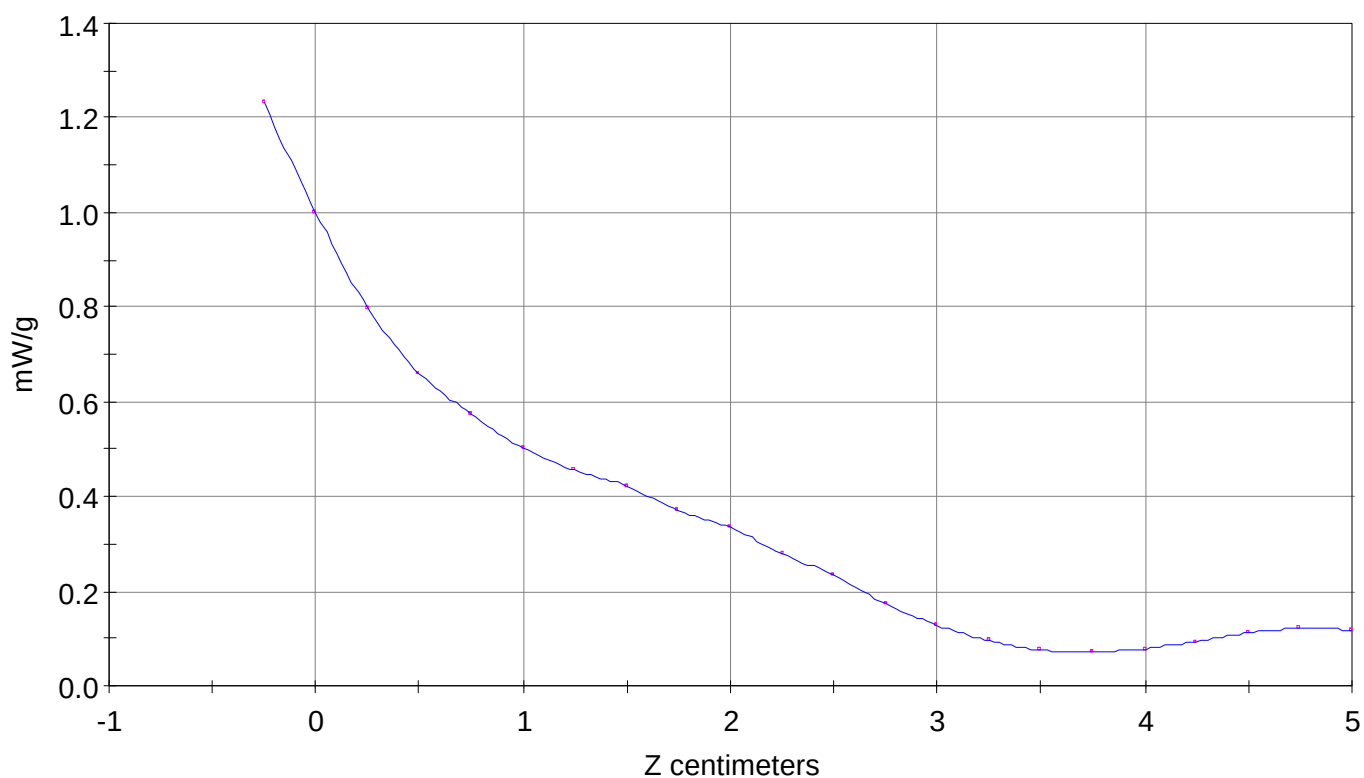
Calc. Voltage @ Surface (Vs) = 0.0169

Voltage @ 1.00 cm (Vt) = 0.0079

Ave. Voltage (Vs+Vt)/2 = 0.0124

Ave. SAR over 1 g (mW/g) = 0.9019

SAR Scan
File : 00070503_ZOOM
Start : 5-Jul-100 11:17:42 am End : 5-Jul-100 11:30:32 am
SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

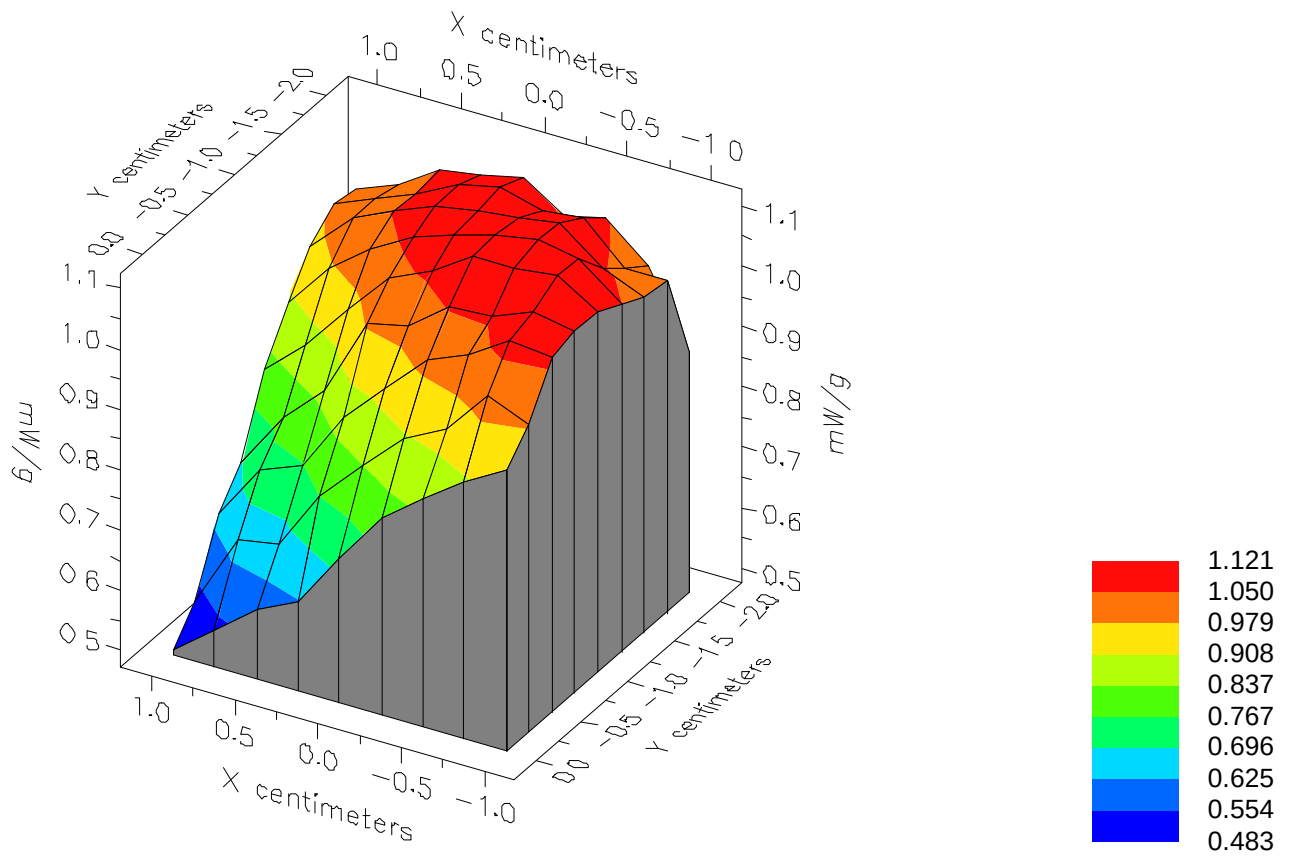


File : 00070503_ZOOM

Start : 5-Jul-100 11:17:42 am End : 5-Jul-100 11:30:32 am

SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

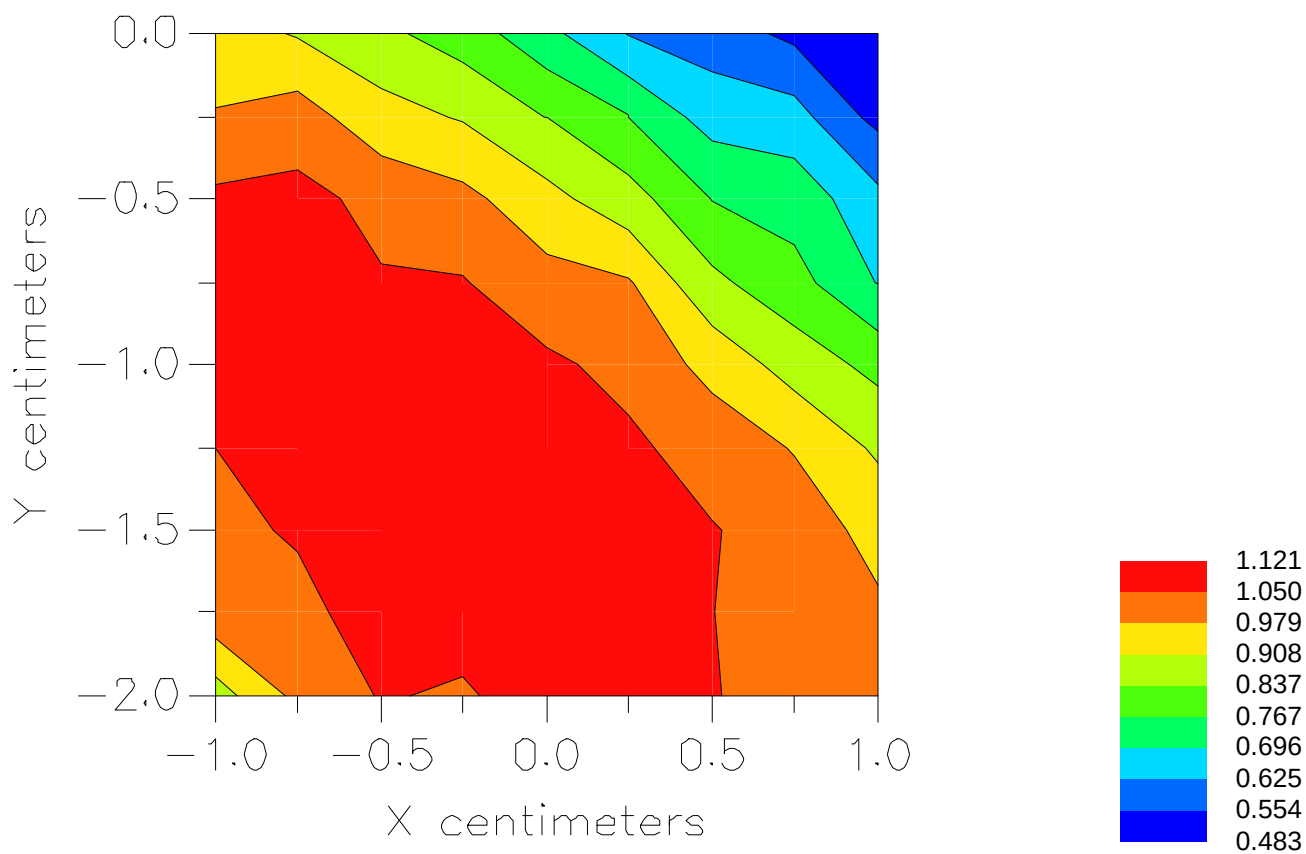


File : 00070503_ZOOM

Start : 5-Jul-100 11:17:42 am End : 5-Jul-100 11:30:32 am

SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00070534_ZOOM.VLT
Start : 5-Jul-100 05:31:37 pm End : 5-Jul-100 05:39:08 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 DUAL BAND PHONE FM MODE
CHAN 0991 27.0 dBm conducted
SAMSUNG DUAL BAND PHONE body SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.500, Y = -0.750, Z = 0.000 (cm) Value = 18.086

Measured Values (volts) =
1.802E-002 1.513E-002 1.211E-002 9.783E-003 8.187E-003 7.347E-003
7.598E-003 8.358E-003 9.191E-003 9.550E-003 8.974E-003 7.687E-003
5.578E-003 3.787E-003 2.142E-003 1.625E-003 2.354E-003 3.745E-003
5.237E-003 6.072E-003 5.352E-003

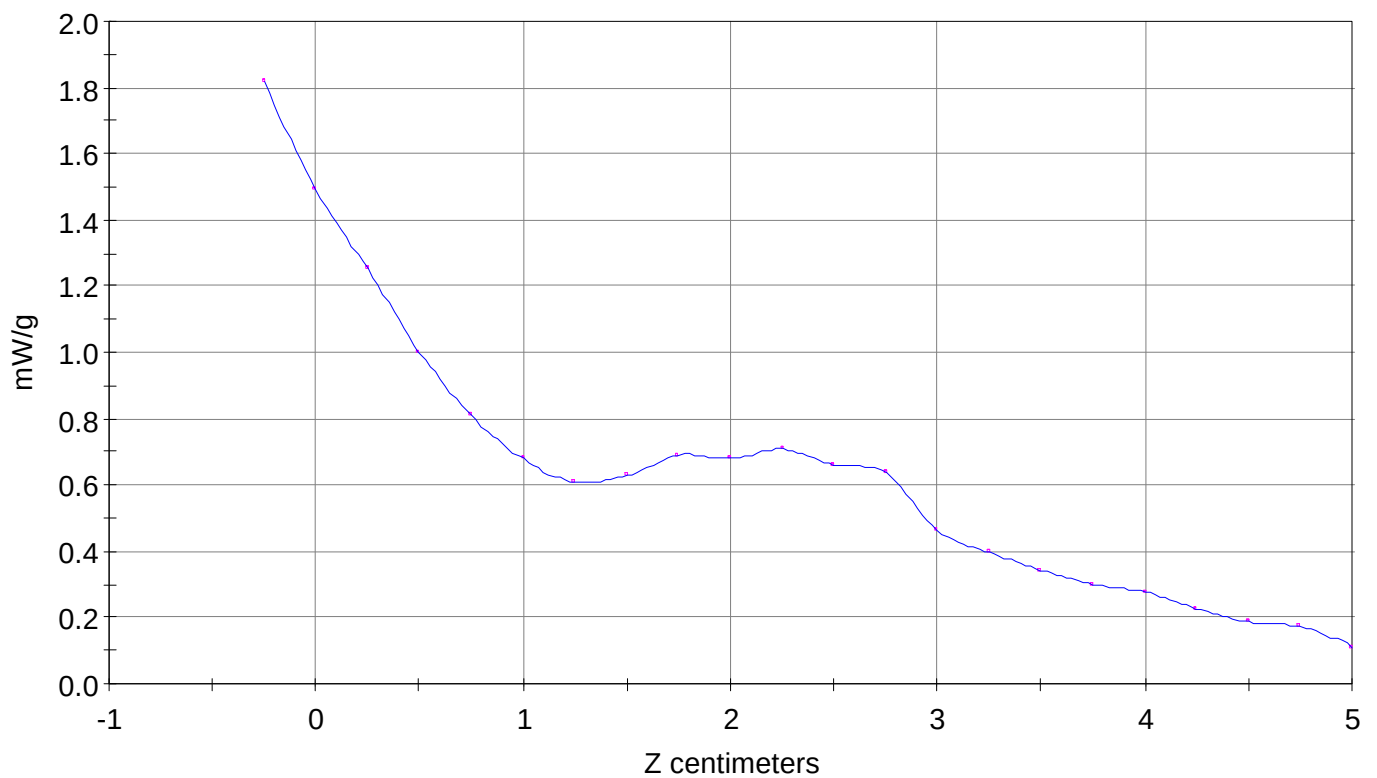
Calc. Voltage @ Surface (Vs) = 0.0220

Voltage @ 1.00 cm (Vt) = 0.0098

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

Ave. SAR over 1 g (mW/g) = 1.3146

SAR Scan
File : 00070534_ZOOM
Start : 5-Jul-100 05:31:37 pm End : 5-Jul-100 05:39:08 pm
SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

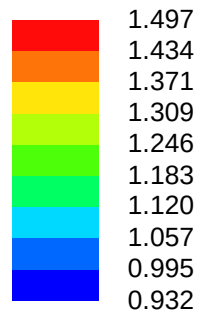
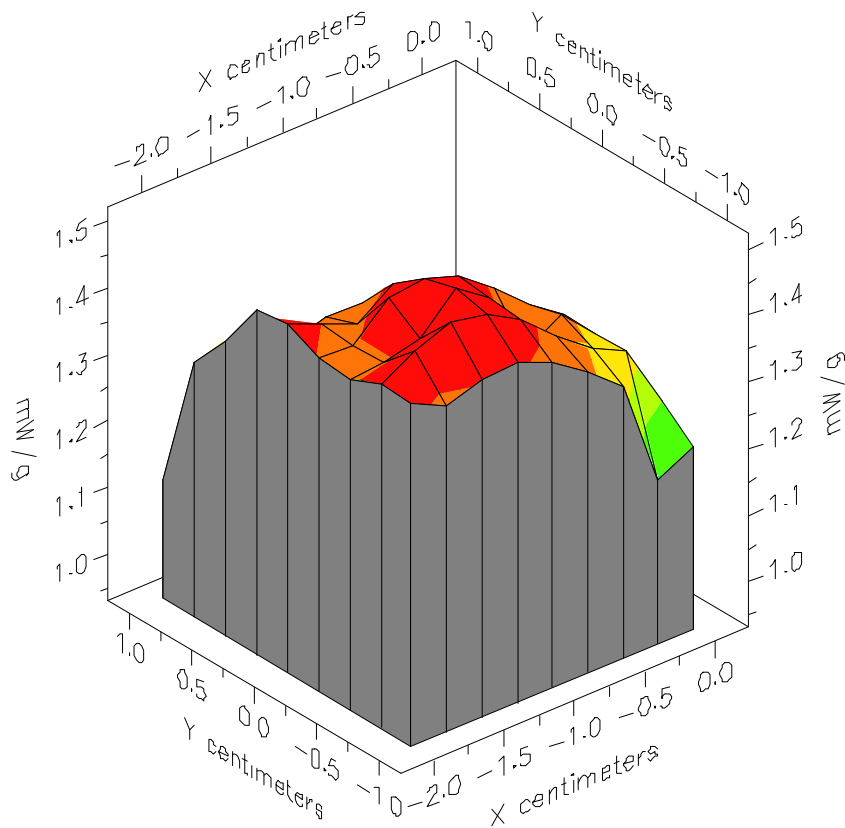


File : 00070534_ZOOM

Start : 5-Jul-100 05:31:37 pm End : 5-Jul-100 05:39:08 pm

SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/In;

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

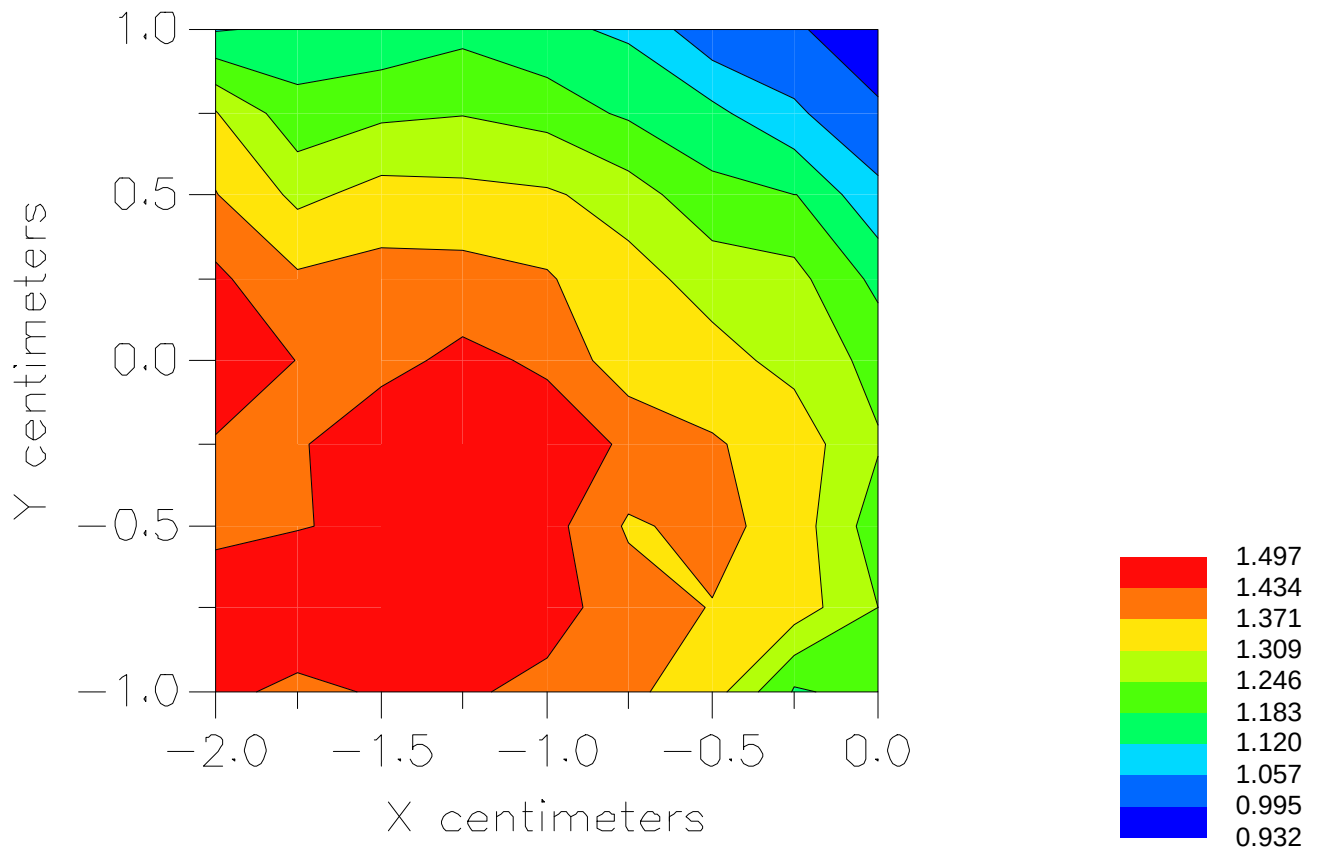


File : 00070534_ZOOM

Start : 5-Jul-100 05:31:37 pm End : 5-Jul-100 05:39:08 pm

SAMSUNG/A3LSPHN200/000002;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/00070539_ZOOM.VLT
Start : 5-Jul-100 06:25:36 pm End : 5-Jul-100 06:26:27 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 : 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 DUAL BAND PHONE FM MODE
CHAN 0991 27.0 dBm conducted
SAMSUNG DUAL BAND PHONE body SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.500, Y = -0.250, Z = 0.000 (cm) Value = 4.749

Measured Values (volts) =
5.398E-003 4.666E-003 4.035E-003 3.555E-003 2.988E-003 2.699E-003
2.684E-003 2.931E-003 3.190E-003 3.397E-003 3.429E-003 3.193E-003
2.743E-003 2.161E-003 1.694E-003 1.441E-003 1.467E-003 1.799E-003
2.233E-003 2.515E-003 2.519E-003

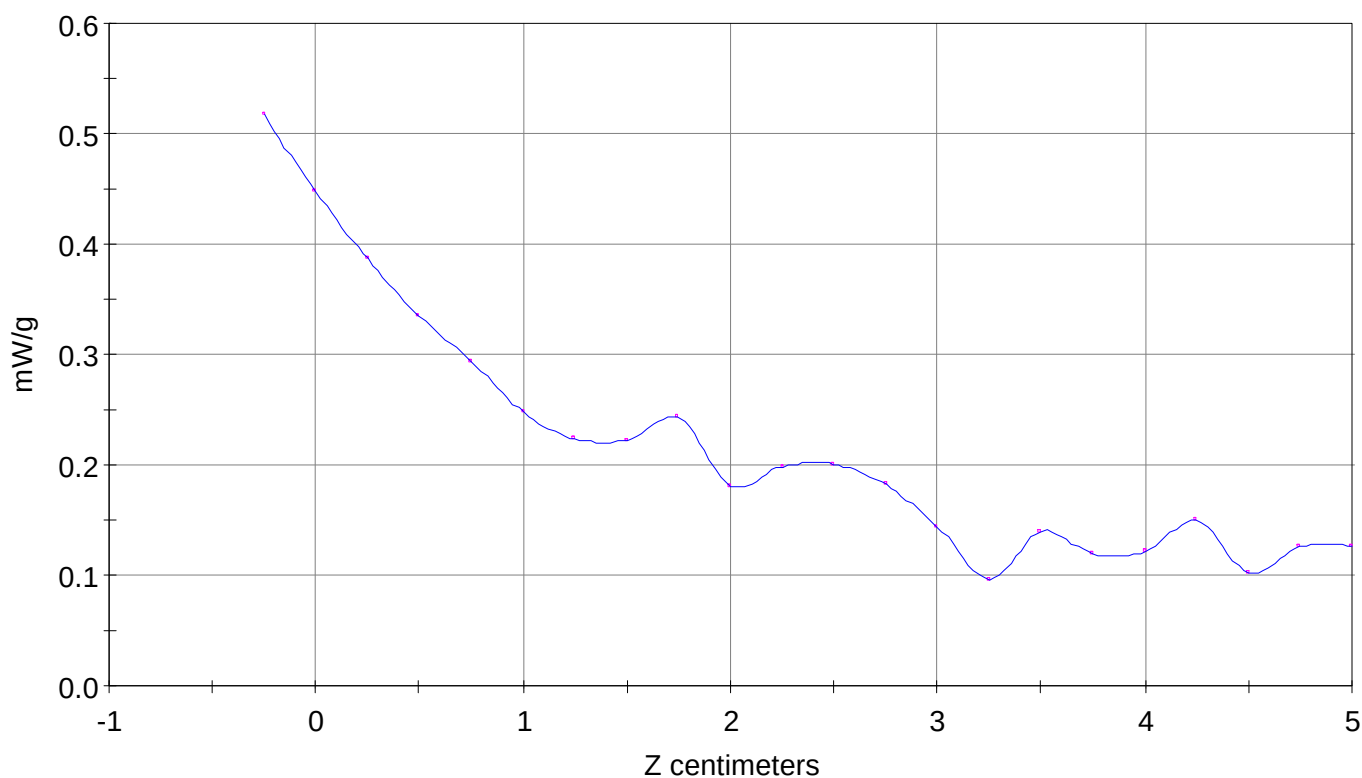
Calc. Voltage @ Surface (Vs) = 0.0062

Voltage @ 1.00 cm (Vt) = 0.0036

Ave. Voltage (Vs+Vt)/2 = 0.0049

Ave. SAR over 1 g (mW/g) = 0.4055

SAR Scan
File : 00070539_ZOOM
Start : 5-Jul-100 06:25:36 pm End : 5-Jul-100 06:26:27 pm
SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/Out;
Body/Abdomen;SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

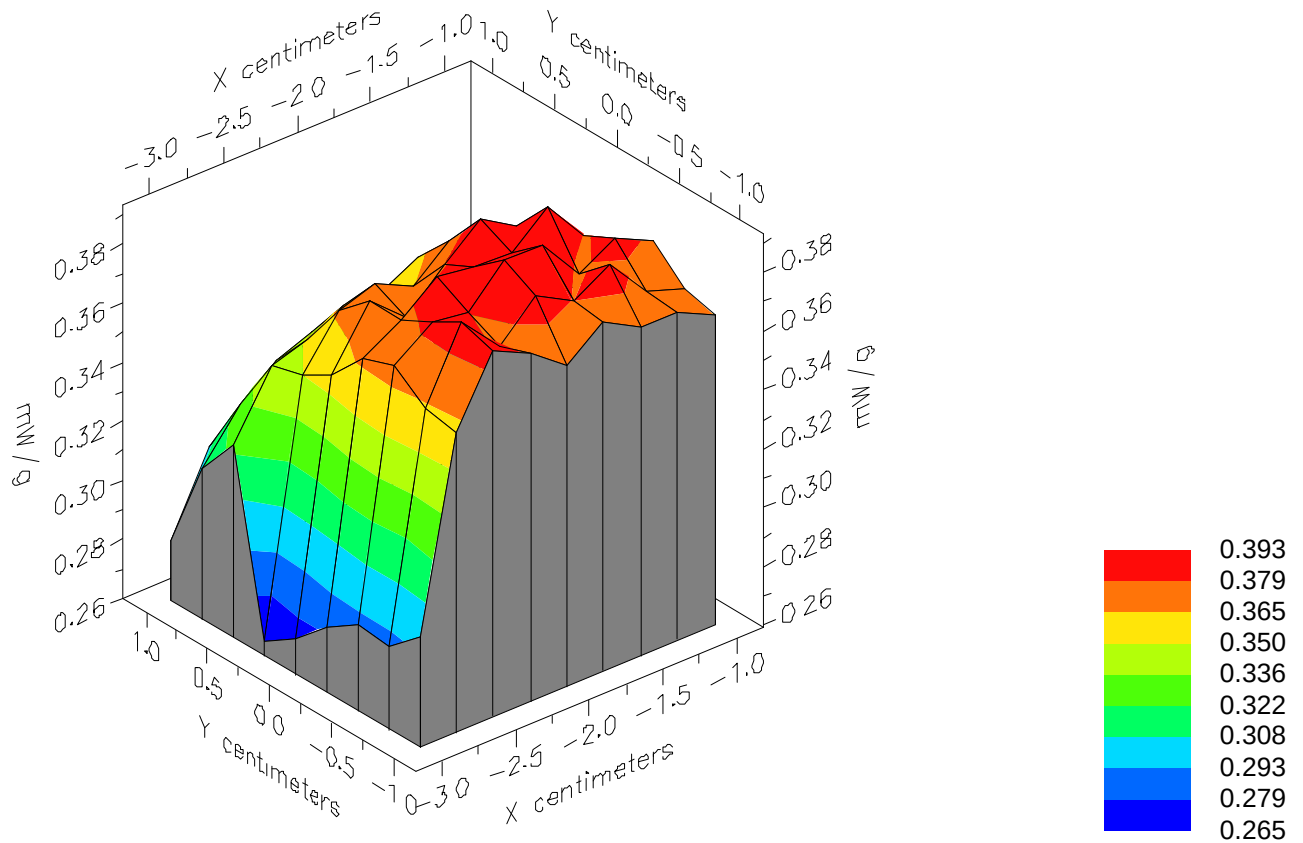


File : 00070538_ZOOM

Start : 5-Jul-100 06:12:18 pm End : 5-Jul-100 06:24:30 pm

SAMSUNG/A3LSPHN200/000002;824.04MHz;W;Helical/Out;

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

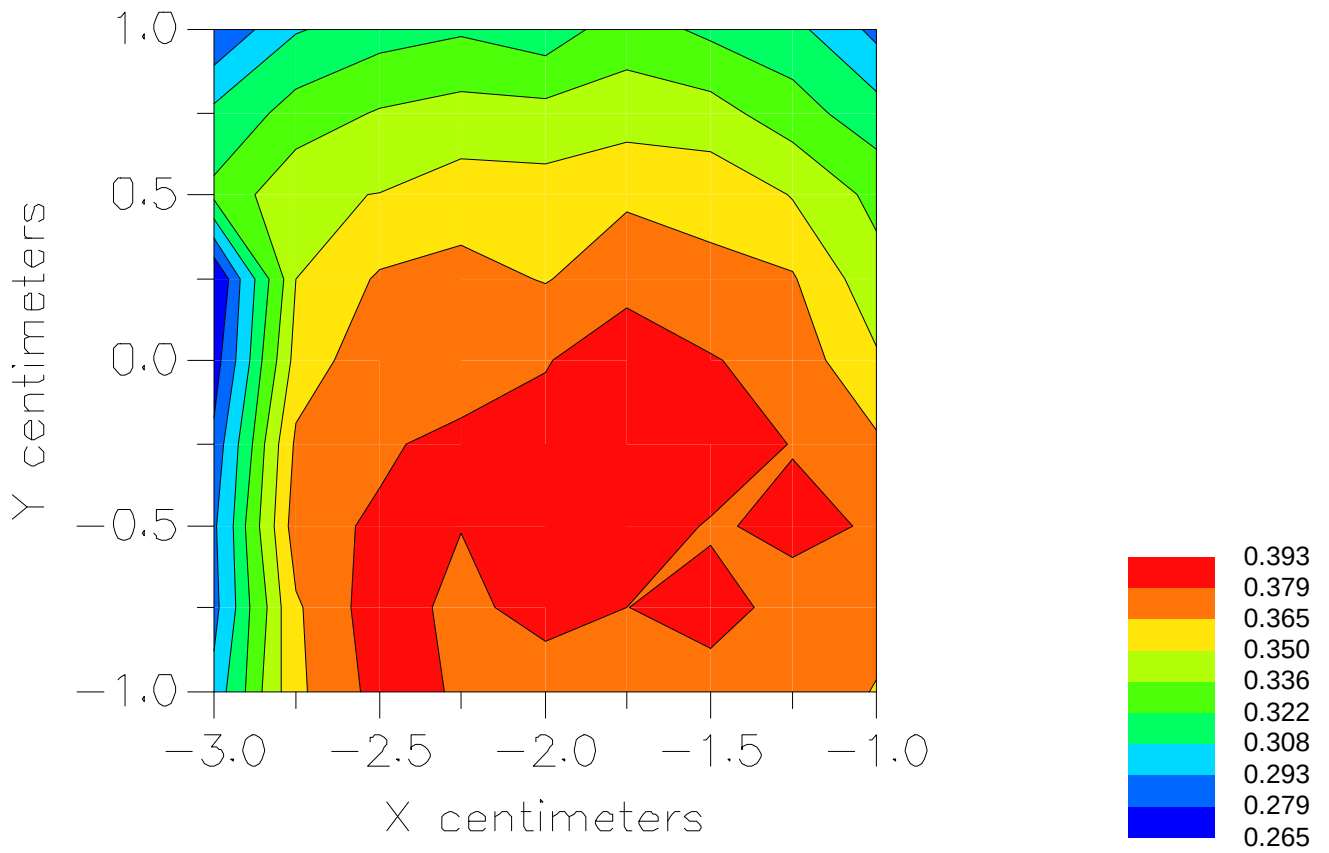


File : 00070538_ZOOM

Start : 5-Jul-100 06:12:18 pm End : 5-Jul-100 06:24:30 pm

SAMSUNG/A3LSPHN200/000002;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/00070531_ZOOM.VLT
Start : 5-Jul-100 04:40:47 pm End : 5-Jul-100 04:55:54 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 DUAL BAND PHONE FM MODE
CHAN 0383 27.0 dBm conducted
SAMSUNG DUAL BAND PHONE body SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.500, Y = 0.000, Z = 0.000 (cm) Value = 20.246

Measured Values (volts) =
2.011E-002 1.646E-002 1.353E-002 1.079E-002 8.931E-003 8.123E-003
8.357E-003 9.187E-003 9.951E-003 1.043E-002 9.986E-003 8.413E-003
6.188E-003 3.904E-003 2.313E-003 1.903E-003 2.785E-003 4.430E-003
6.154E-003 6.906E-003 5.977E-003

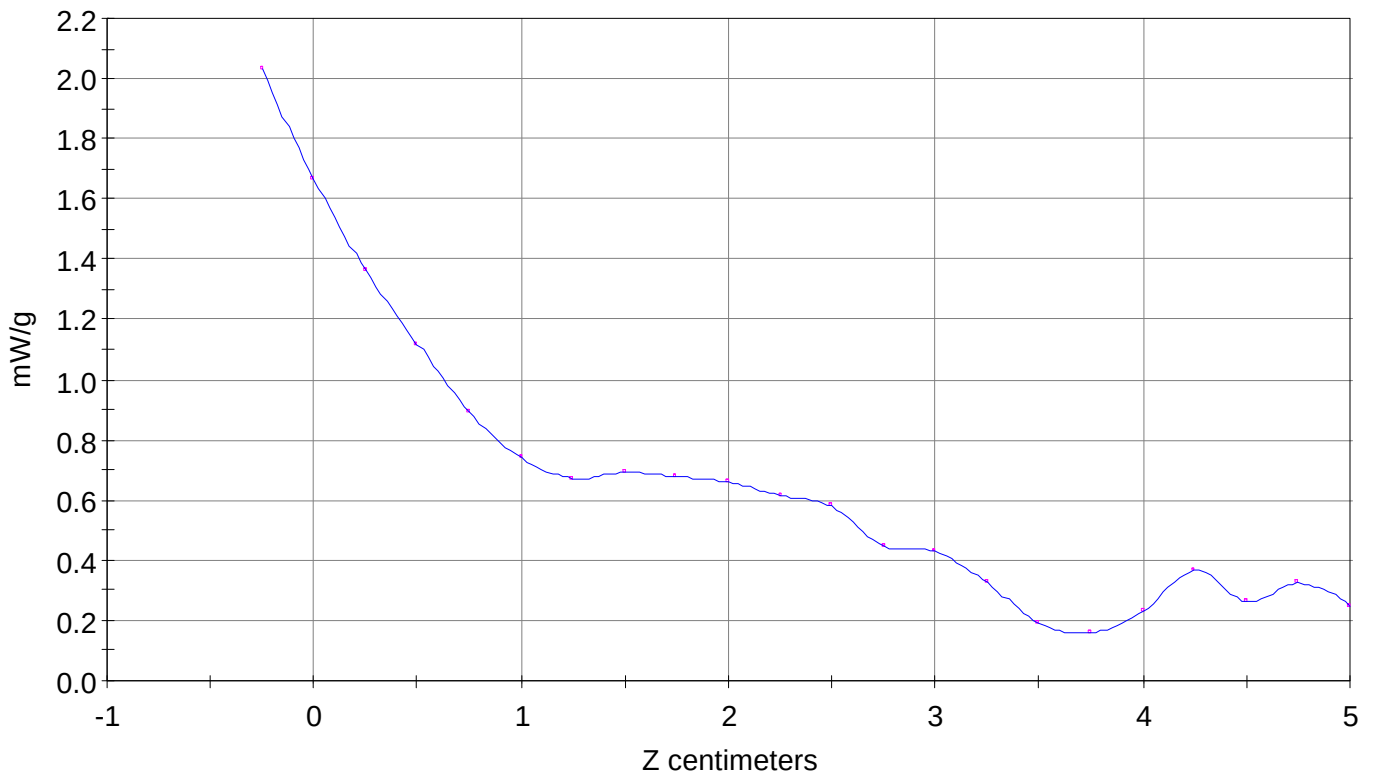
Calc. Voltage @ Surface (Vs) = 0.0245

Voltage @ 1.00 cm (Vt) = 0.0108

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

Ave. SAR over 1 g (mW/g) = 1.4610

SAR Scan
File : 00070531_ZOOM
Start : 5-Jul-100 04:40:47 pm End : 5-Jul-100 04:55:54 pm
SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

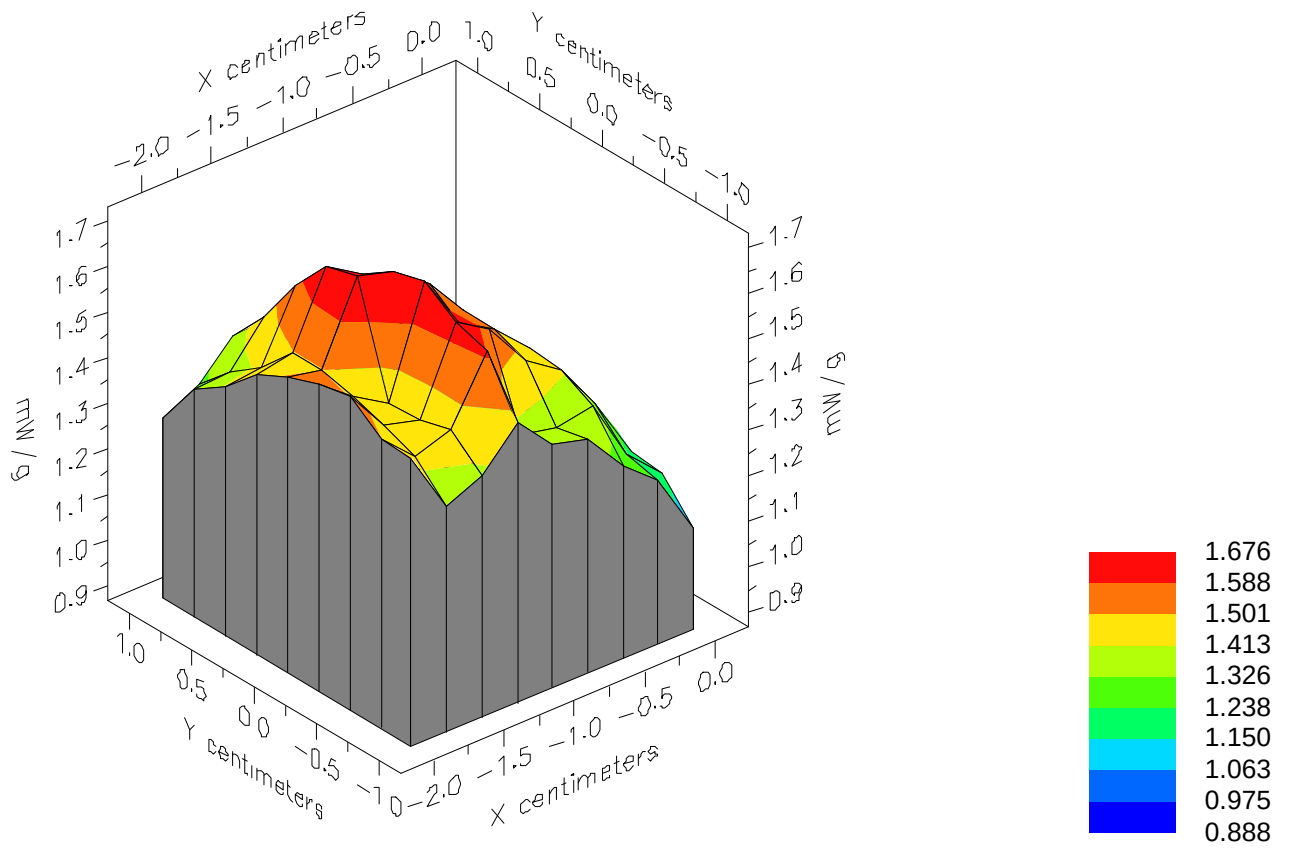


File : 00070531_ZOOM

Start : 5-Jul-100 04:40:47 pm End : 5-Jul-100 04:55:54 pm

SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/In;

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

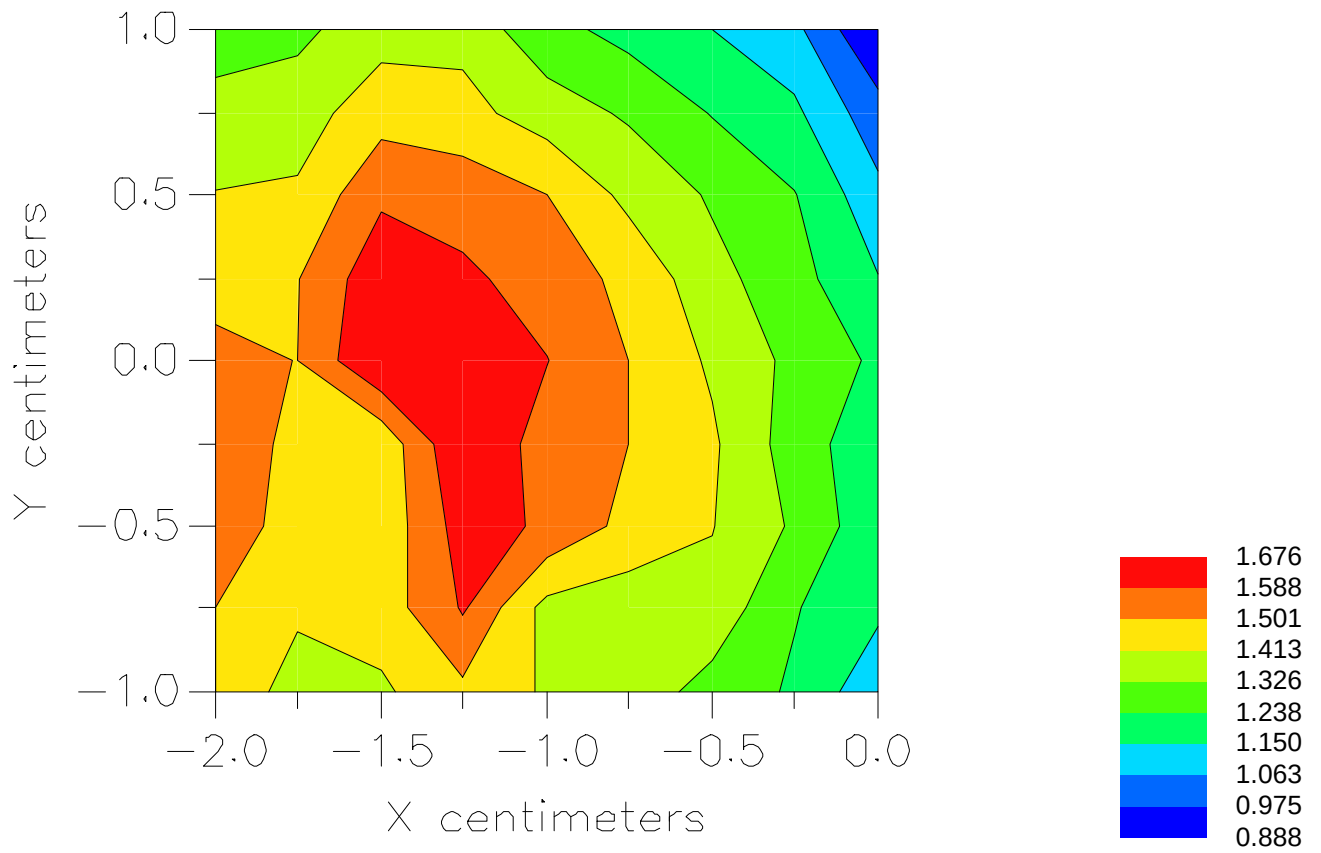


File : 00070531_ZOOM

Start : 5-Jul-100 04:40:47 pm End : 5-Jul-100 04:55:54 pm

SAMSUNG/A3LSPHN200/000002;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/00070533_ZOOM.VLT
Start : 5-Jul-100 05:06:42 pm End : 5-Jul-100 05:20:05 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 DUAL BAND PHONE FM MODE
CHAN 0383 27.0 dBm conducted
SAMSUNG DUAL BAND 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 = -0.750, Z = 0.000 (cm) Value = 9.490

Measured Values (volts) =
7.043E-003 6.176E-003 5.212E-003 4.152E-003 3.328E-003 2.854E-003
2.723E-003 2.987E-003 3.463E-003 3.805E-003 3.853E-003 3.488E-003
2.797E-003 1.925E-003 1.112E-003 7.340E-004 7.918E-004 1.161E-003
1.750E-003 2.391E-003 2.435E-003

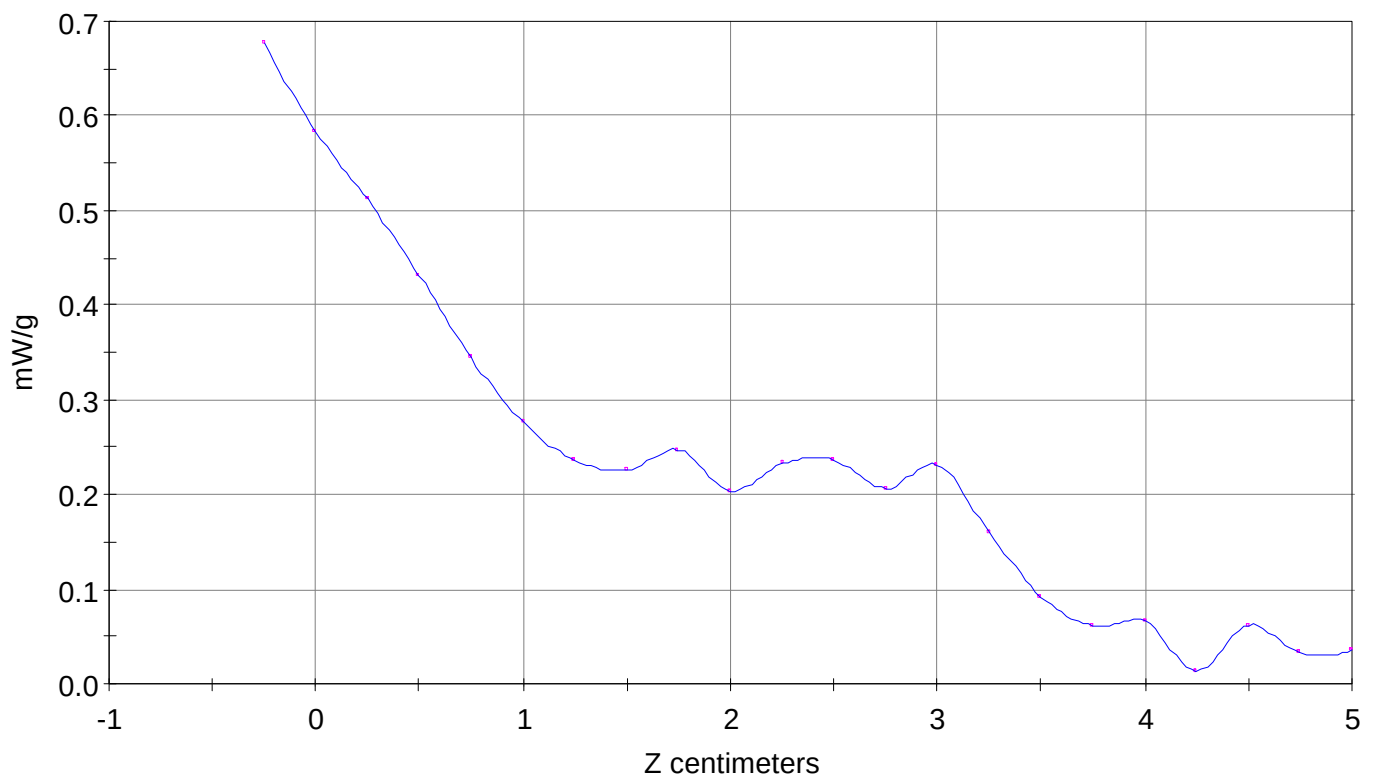
Calc. Voltage @ Surface (Vs) = 0.0082

Voltage @ 1.00 cm (Vt) = 0.0042

Ave. Voltage (Vs+Vt)/2 = 0.0062

Ave. SAR over 1 g (mW/g) = 0.5107

SAR Scan
File : 00070533_ZOOM
Start : 5-Jul-100 05:06:42 pm End : 5-Jul-100 05:20:05 pm
SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

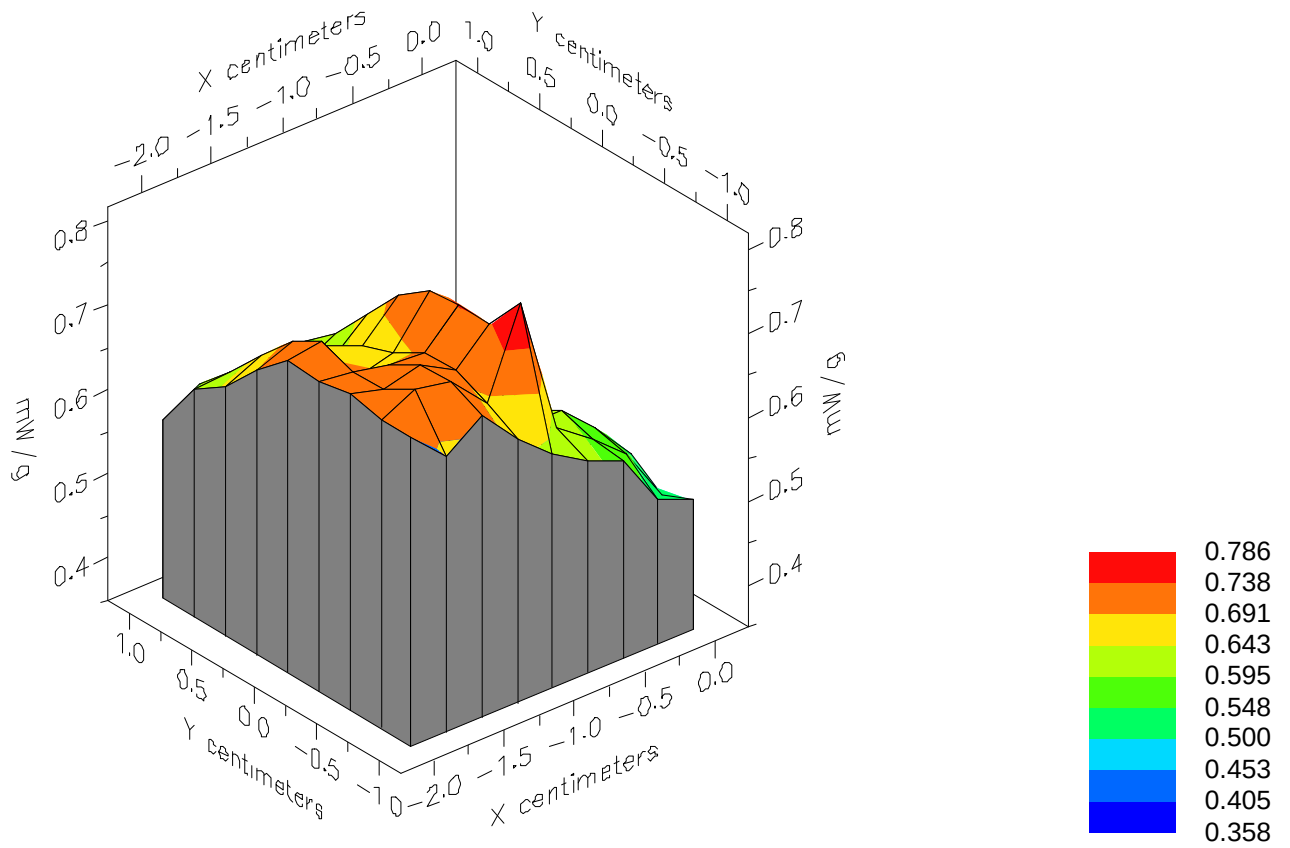


File : 00070533_ZOOM

Start : 5-Jul-100 05:06:42 pm End : 5-Jul-100 05:20:05 pm

SAMSUNG/A3LSPHN200/000002;836.49MHz;W;Helical/Out;

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

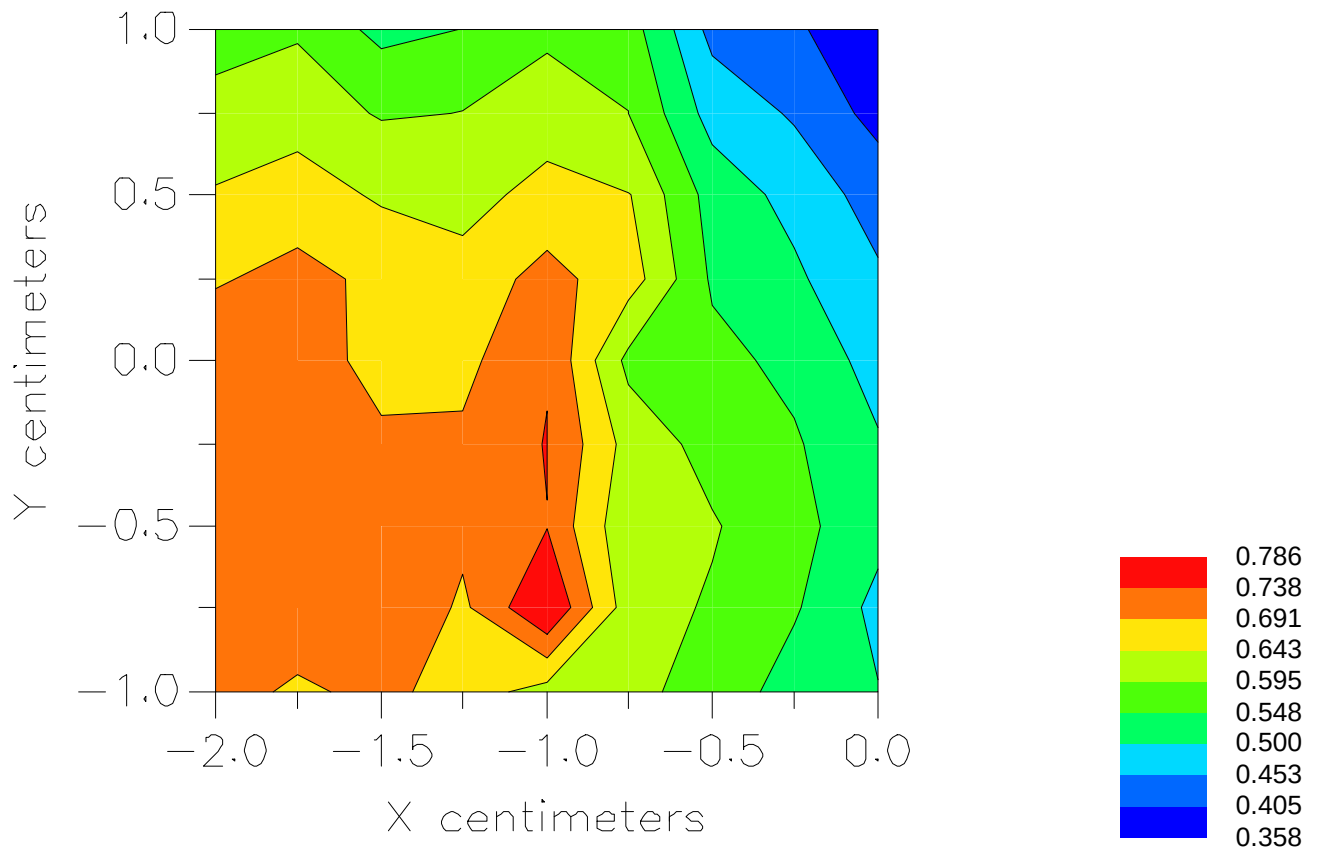


File : 00070533_ZOOM

Start : 5-Jul-100 05:06:42 pm End : 5-Jul-100 05:20:05 pm

SAMSUNG/A3LSPHN200/000002;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/00070601_ZOOM.VLT
Start : 6-Jul-100 04:50:55 pm End : 6-Jul-100 05:03:11 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 DUAL BAND PHONE FM MODE
CHAN 0799 27.0 dBm conducted
SAMSUNG DUAL BAND PHONE body SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.750, Y = -0.500, Z = 0.000 (cm) Value = 15.253

Measured Values (volts) =
1.395E-002 1.173E-002 9.739E-003 7.671E-003 6.250E-003 5.627E-003
5.671E-003 6.117E-003 6.734E-003 7.042E-003 6.615E-003 5.691E-003
4.155E-003 2.726E-003 1.653E-003 1.336E-003 1.860E-003 3.002E-003
4.007E-003 4.534E-003 3.846E-003

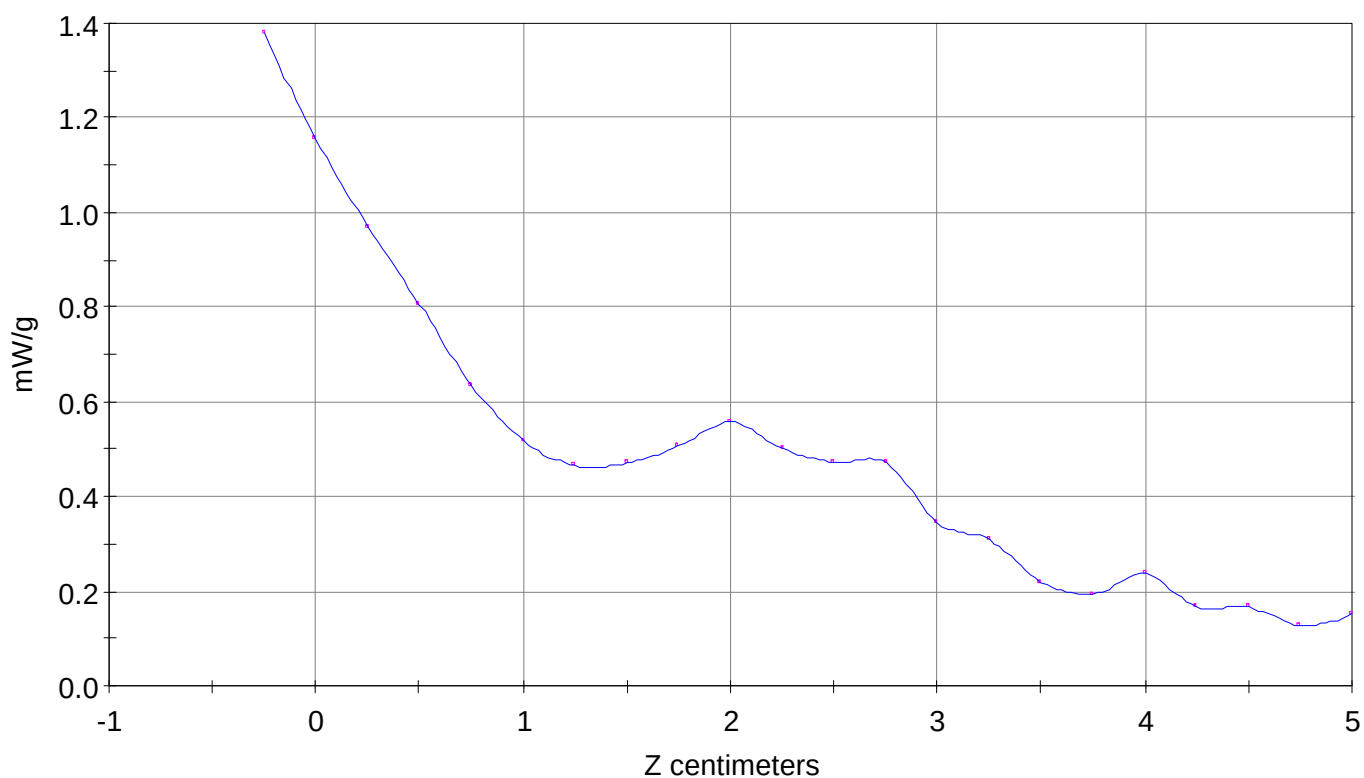
Calc. Voltage @ Surface (Vs) = 0.0167

Voltage @ 1.00 cm (Vt) = 0.0077

Ave. Voltage (Vs+Vt)/2 = 0.0122

Ave. SAR over 1 g (mW/g) = 1.0082

SAR Scan
File : 00070601_ZOOM
Start : 6-Jul-100 04:50:55 pm End : 6-Jul-100 05:03:11 pm
SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

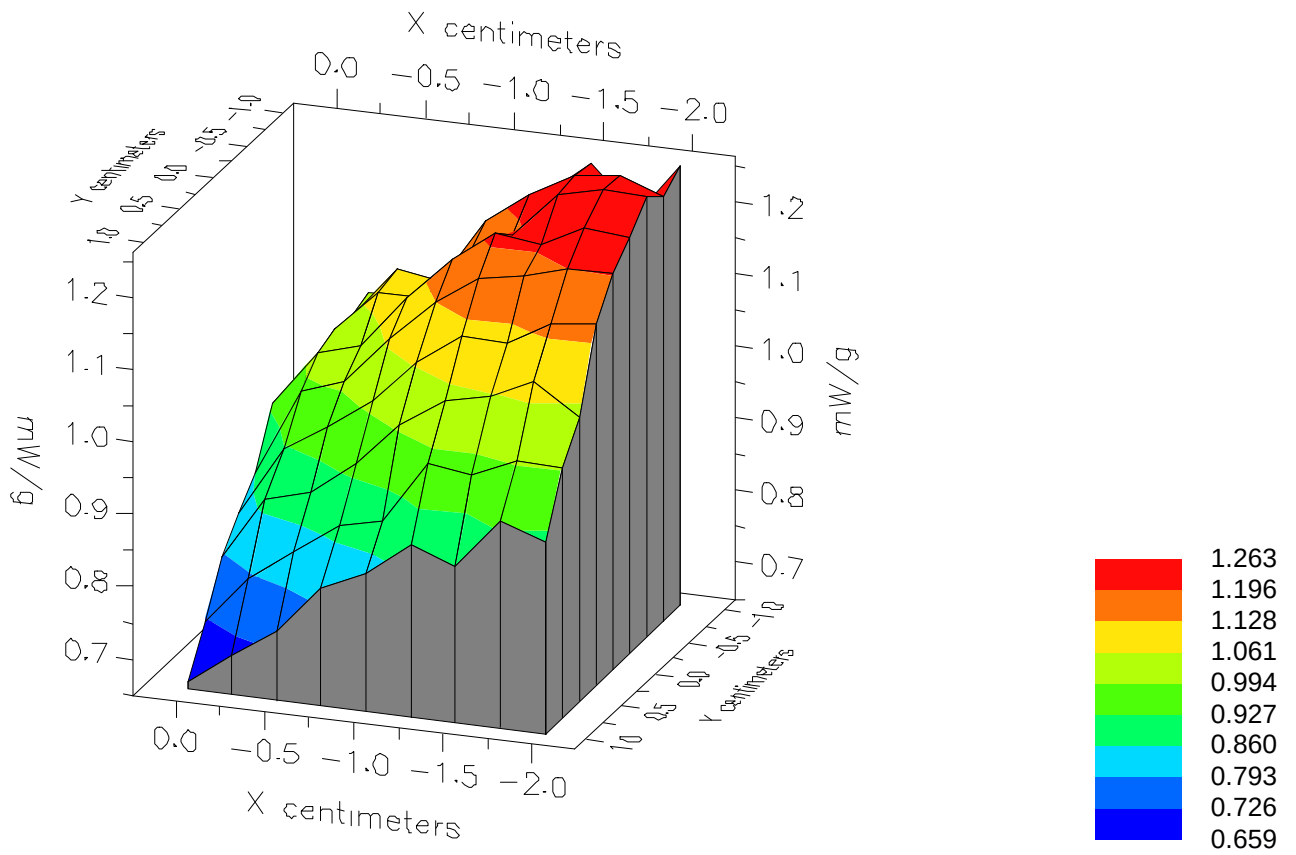


File : 00070601_ZOOM

Start : 6-Jul-100 04:50:55 pm End : 6-Jul-100 05:03:11 pm

SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/In;

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

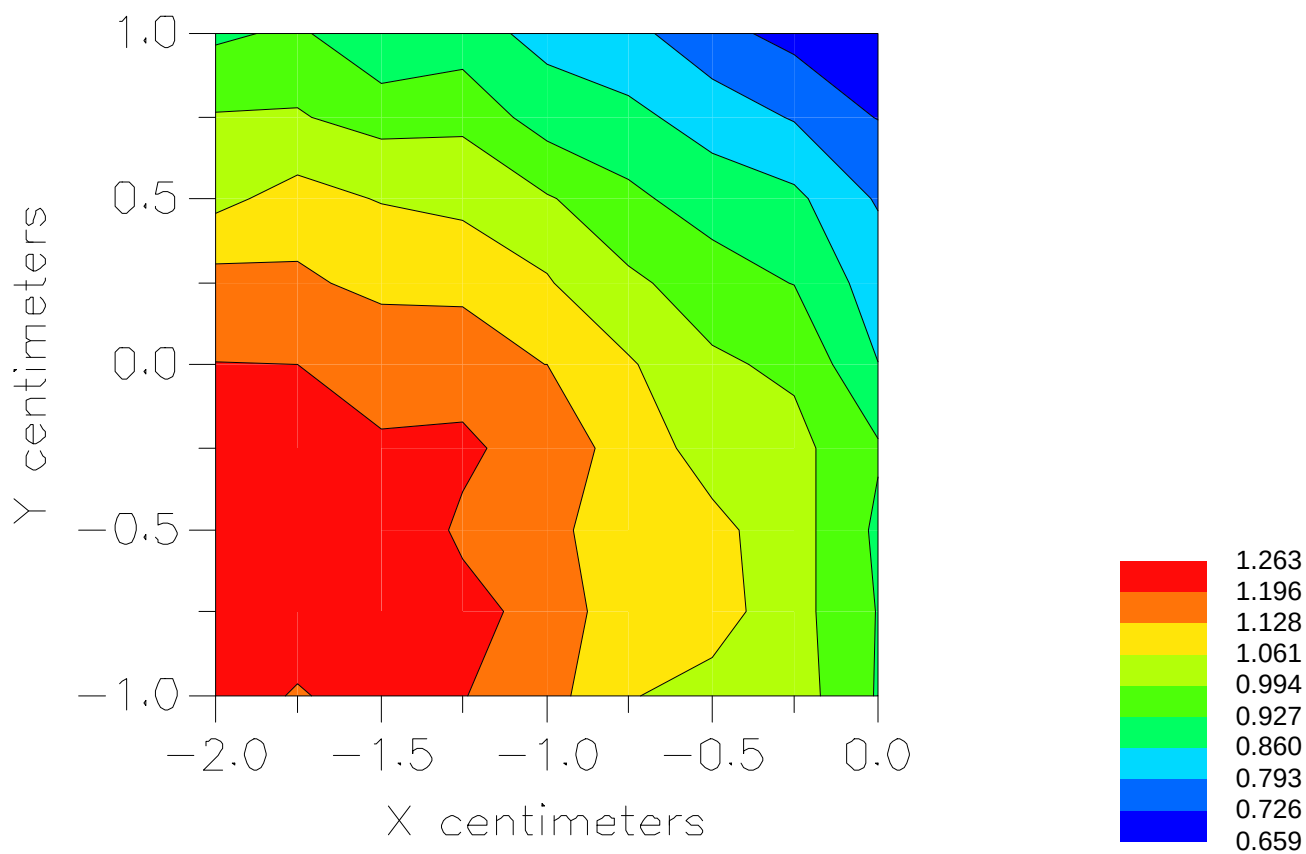


File : 00070601_ZOOM

Start : 6-Jul-100 04:50:55 pm End : 6-Jul-100 05:03:11 pm

SAMSUNG/A3LSPHN200/000002;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/00070602_ZOOM.VLT
Start : 6-Jul-100 05:15:42 pm End : 6-Jul-100 05:24:43 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
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 DUAL BAND PHONE FM MODE
CHAN 0799 27.0 dBm conducted
SAMSUNG DUAL BAND PHONE body SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.500, Y = -0.500, Z = 0.000 (cm) Value = 10.232

Measured Values (volts) =
9.575E-003 8.138E-003 6.794E-003 5.439E-003 4.331E-003 3.694E-003
3.610E-003 3.962E-003 4.422E-003 4.719E-003 4.601E-003 3.960E-003
3.004E-003 1.971E-003 1.148E-003 8.513E-004 1.100E-003 1.867E-003
2.665E-003 3.068E-003 2.728E-003

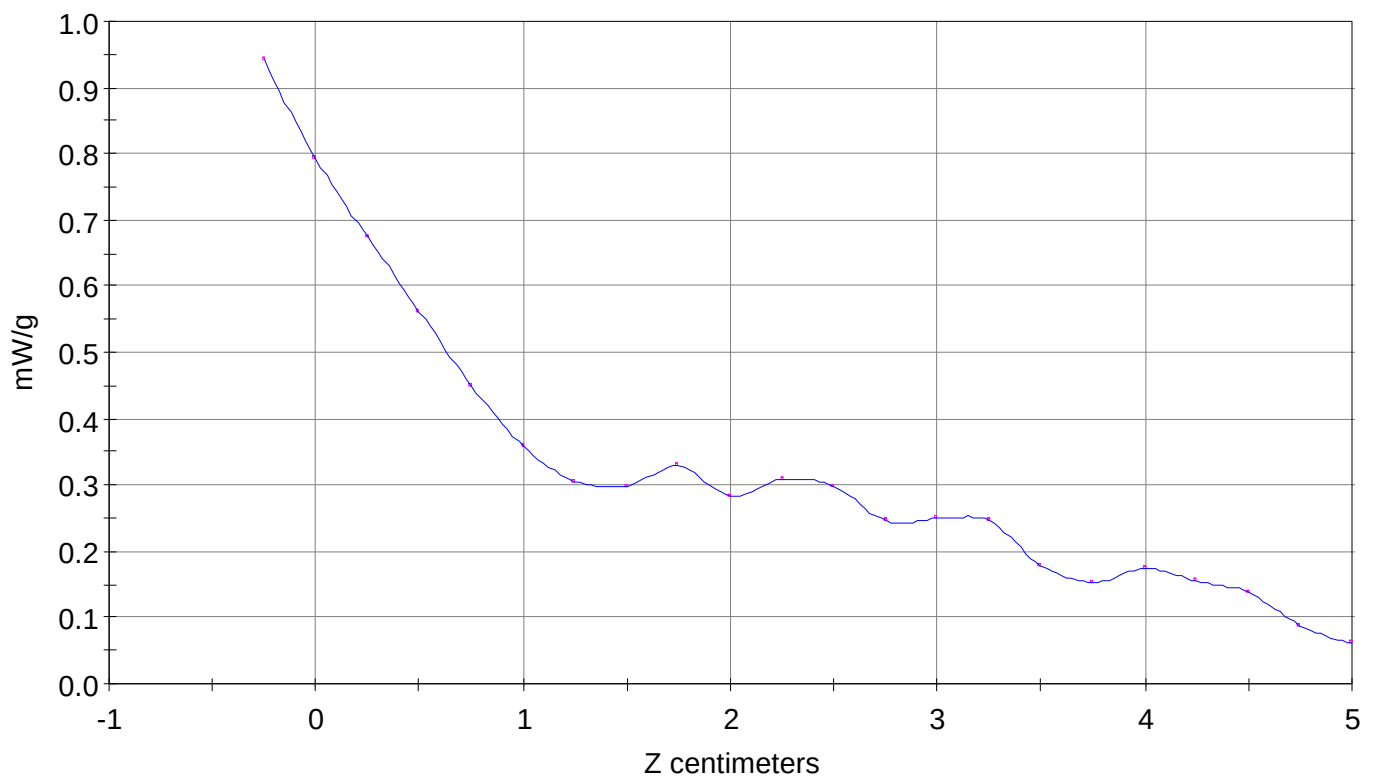
Calc. Voltage @ Surface (Vs) = 0.0114

Voltage @ 1.00 cm (Vt) = 0.0054

Ave. Voltage (Vs+Vt)/2 = 0.0084

Ave. SAR over 1 g (mW/g) = 0.6956

SAR Scan
File : 00070602_ZOOM
Start : 6-Jul-100 05:15:42 pm End : 6-Jul-100 05:24:43 pm
SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

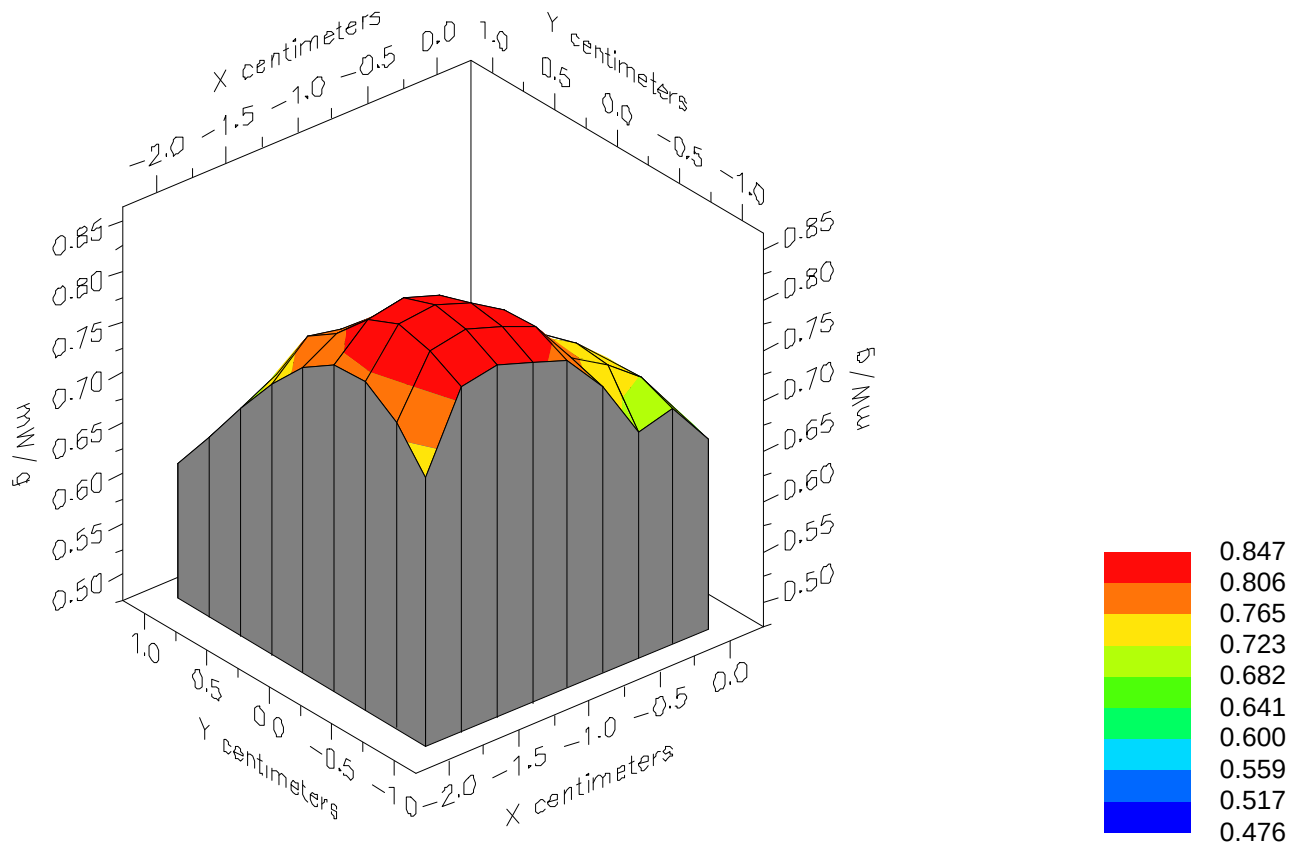


File : 00070602_ZOOM

Start : 6-Jul-100 05:15:42 pm End : 6-Jul-100 05:24:43 pm

SAMSUNG/A3LSPHN200/000002;848.97MHz;W;Helical/Out;

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

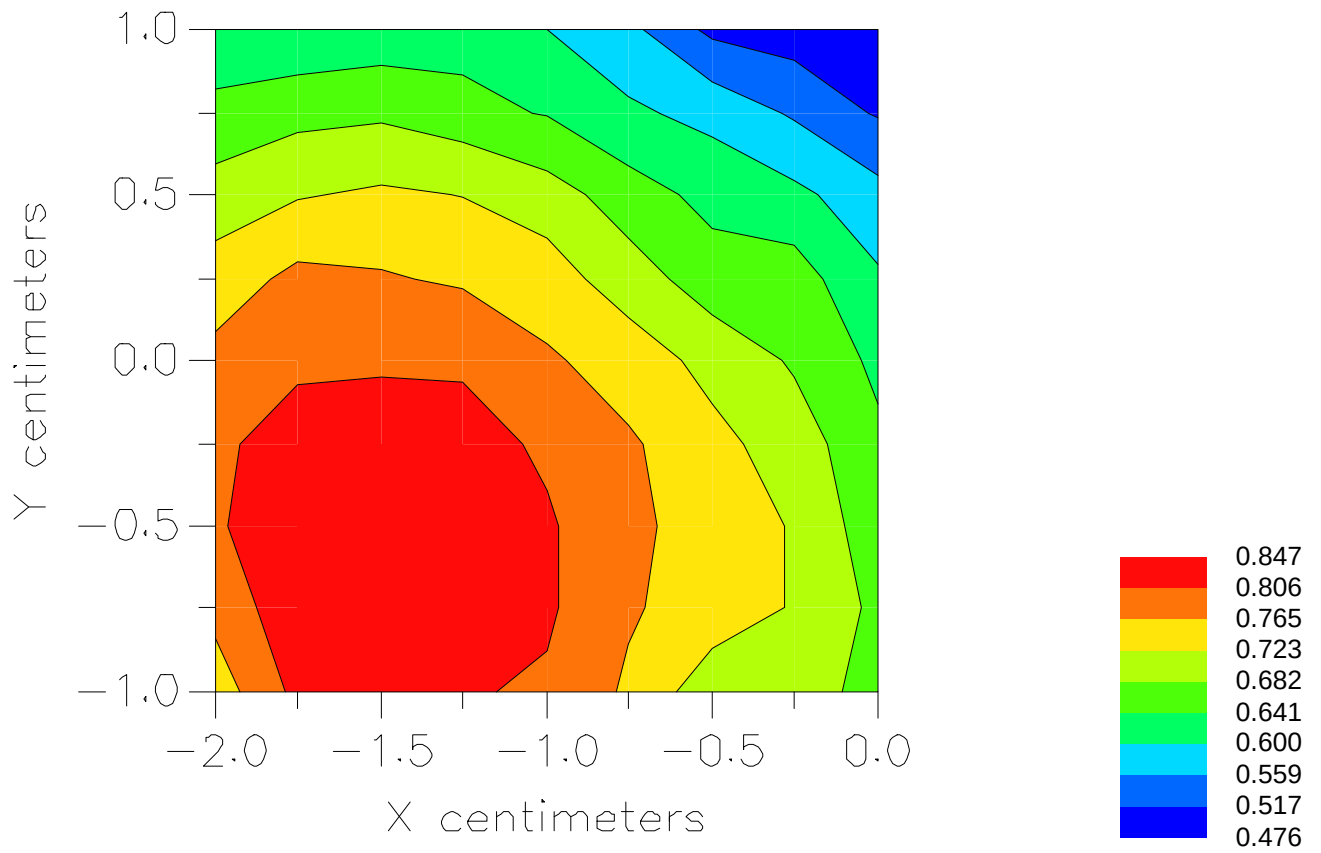


File : 00070602_ZOOM

Start : 6-Jul-100 05:15:42 pm End : 6-Jul-100 05:24:43 pm

SAMSUNG/A3LSPHN200/000002;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/00071025_ZOOM.VLT
Start : 10-Jul-100 03:01:57 pm End : 10-Jul-100 03:02:47 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 0025 25.5 dBm conducted
SAMSUNG DUAL BAND PHONE

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -0.250, Y = -2.000, Z = 0.000 (cm) Value = 11.946

Measured Values (volts) =
1.013E-002 9.070E-003 6.848E-003 5.296E-003 4.191E-003 3.541E-003
3.056E-003 2.710E-003 2.420E-003 2.117E-003 1.900E-003 1.758E-003
1.706E-003 1.704E-003 1.597E-003 1.527E-003 1.532E-003 1.422E-003
1.496E-003 1.401E-003 1.507E-003

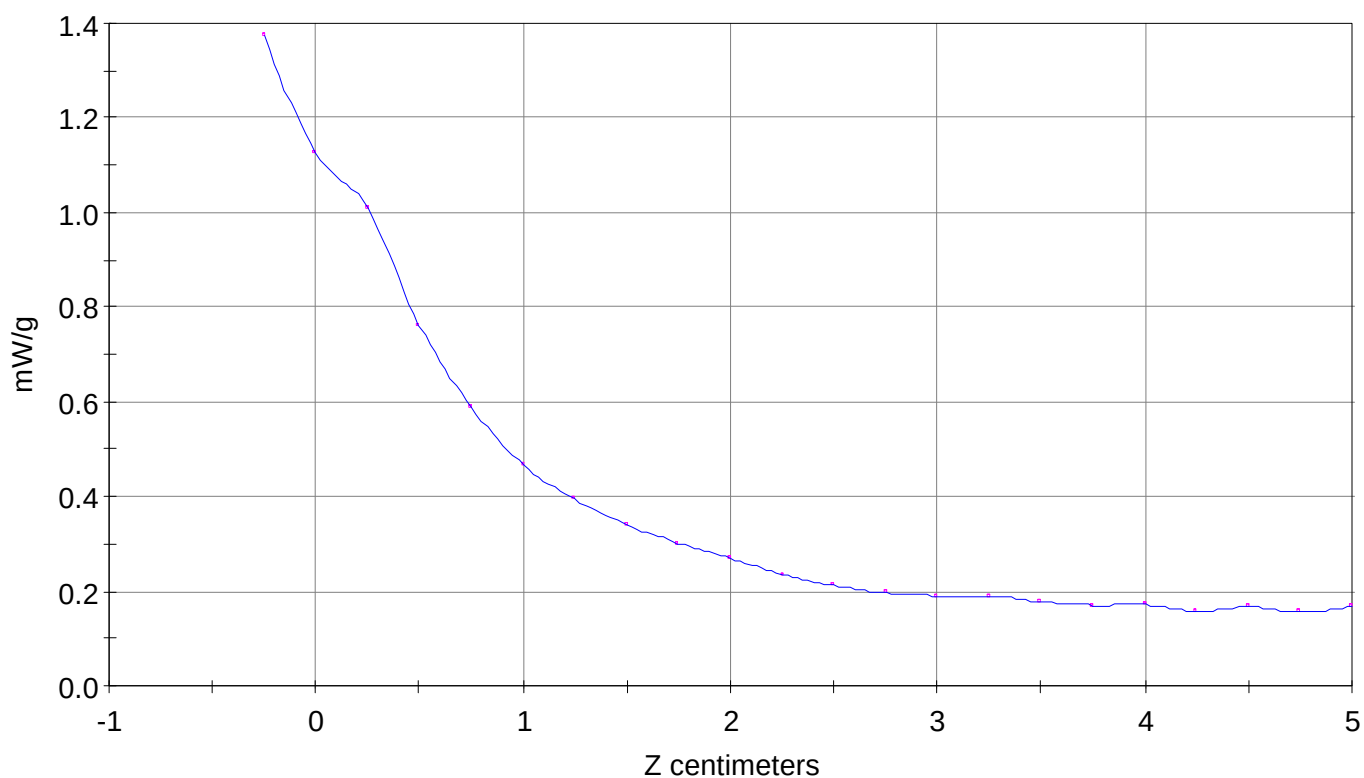
Calc. Voltage @ Surface (Vs) = 0.0124

Voltage @ 1.00 cm (Vt) = 0.0053

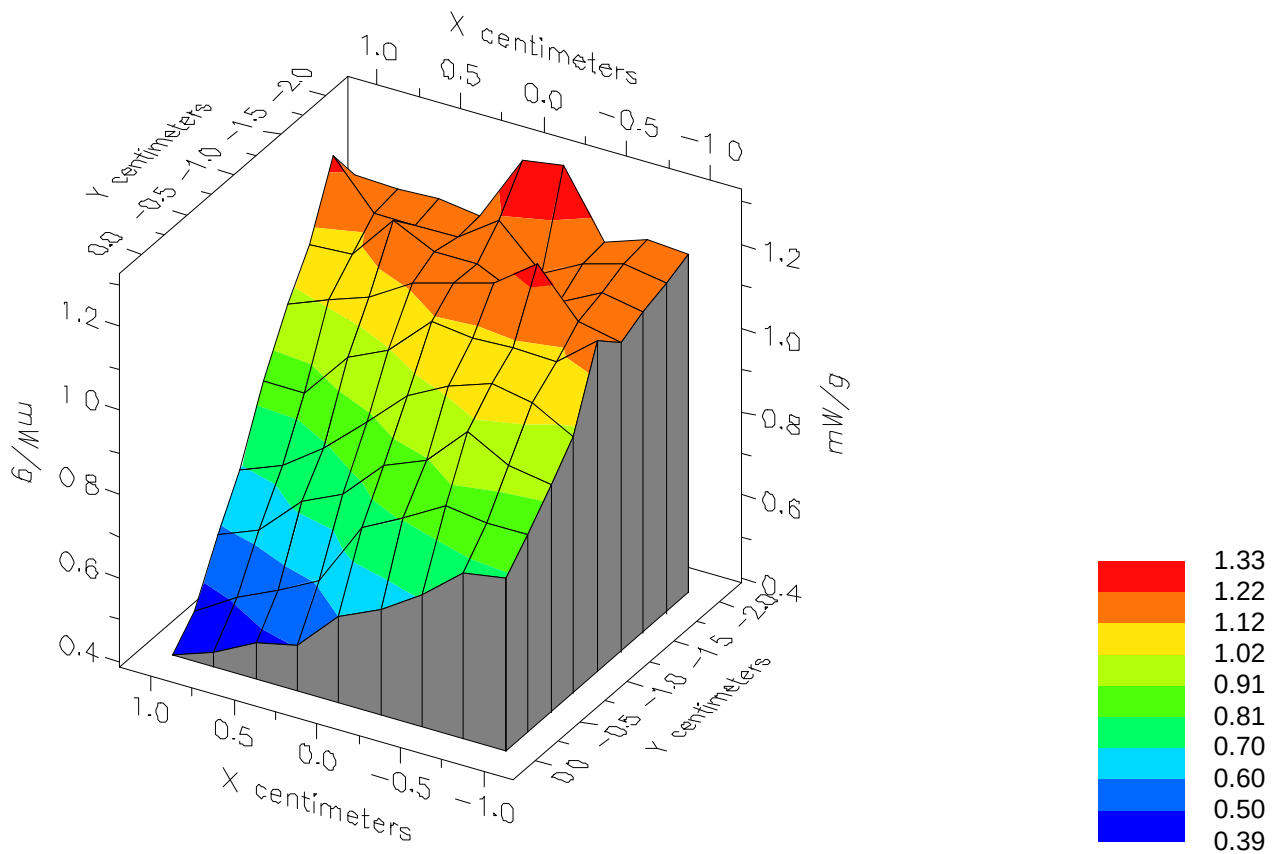
Ave. Voltage (Vs+Vt)/2 = 0.0088

Ave. SAR over 1 g (mW/g) = 0.9821

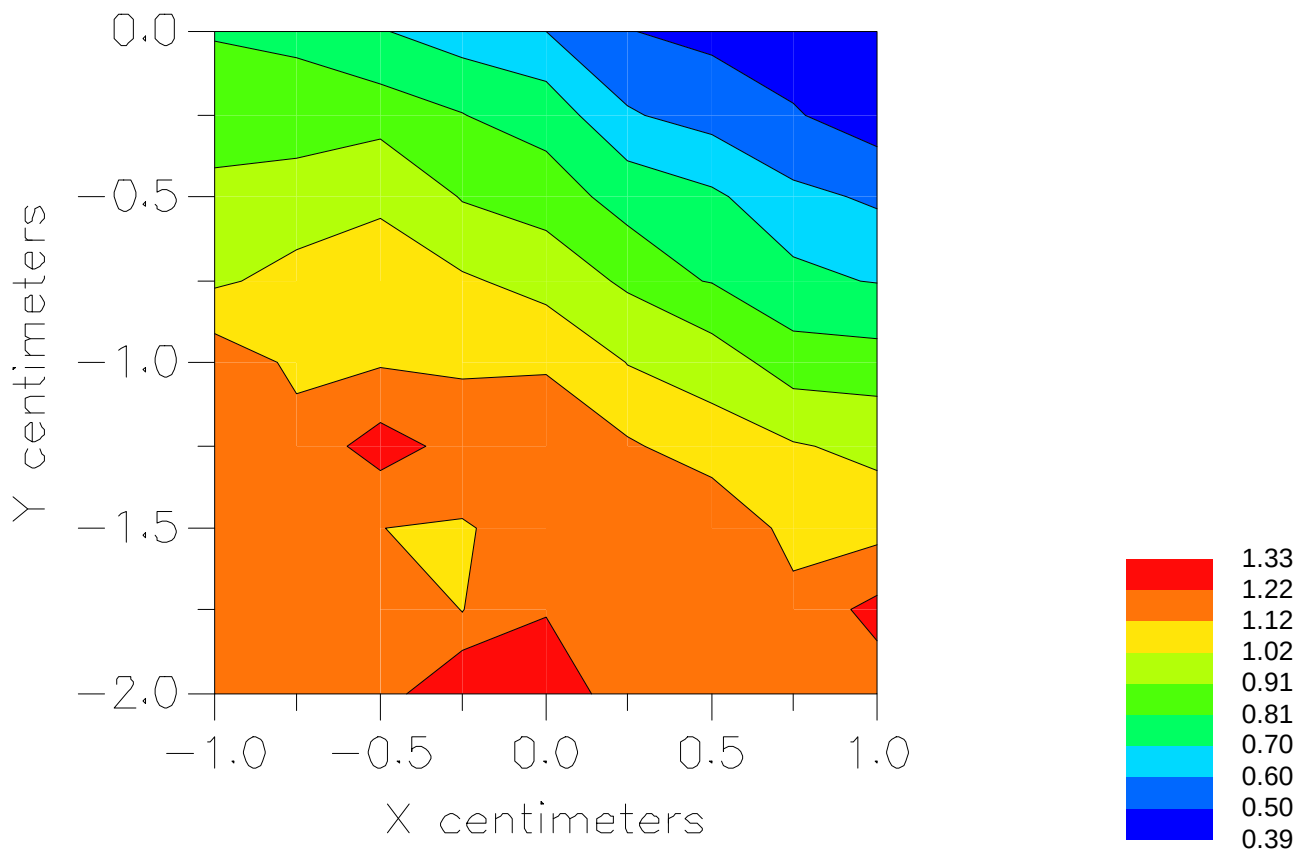
SAR Scan
File : 00071025_ZOOM
Start : 10-Jul-100 03:01:57 pm End : 10-Jul-100 03:02:47 pm
SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/In;
Head/Left Ear;SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00071024_ZOOM
Start : 10-Jul-100 02:50:50 pm End : 10-Jul-100 03:00:00 pm
SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00071024_ZOOM
Start : 10-Jul-100 02:50:50 pm End : 10-Jul-100 03:00:00 pm
SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00071027_ZOOM.VLT
Start : 10-Jul-100 03:09:37 pm End : 10-Jul-100 03:16:42 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 0025 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -3.000, Y = 0.250, Z = 0.000 (cm) Value = 6.132

Measured Values (volts) =
5.815E-003 4.843E-003 3.487E-003 2.665E-003 2.045E-003 1.554E-003
1.198E-003 1.047E-003 8.025E-004 6.609E-004 5.227E-004 3.674E-004
3.607E-004 3.421E-004 3.569E-004 2.759E-004 2.065E-004 2.301E-004
1.853E-004 1.775E-004 2.569E-004

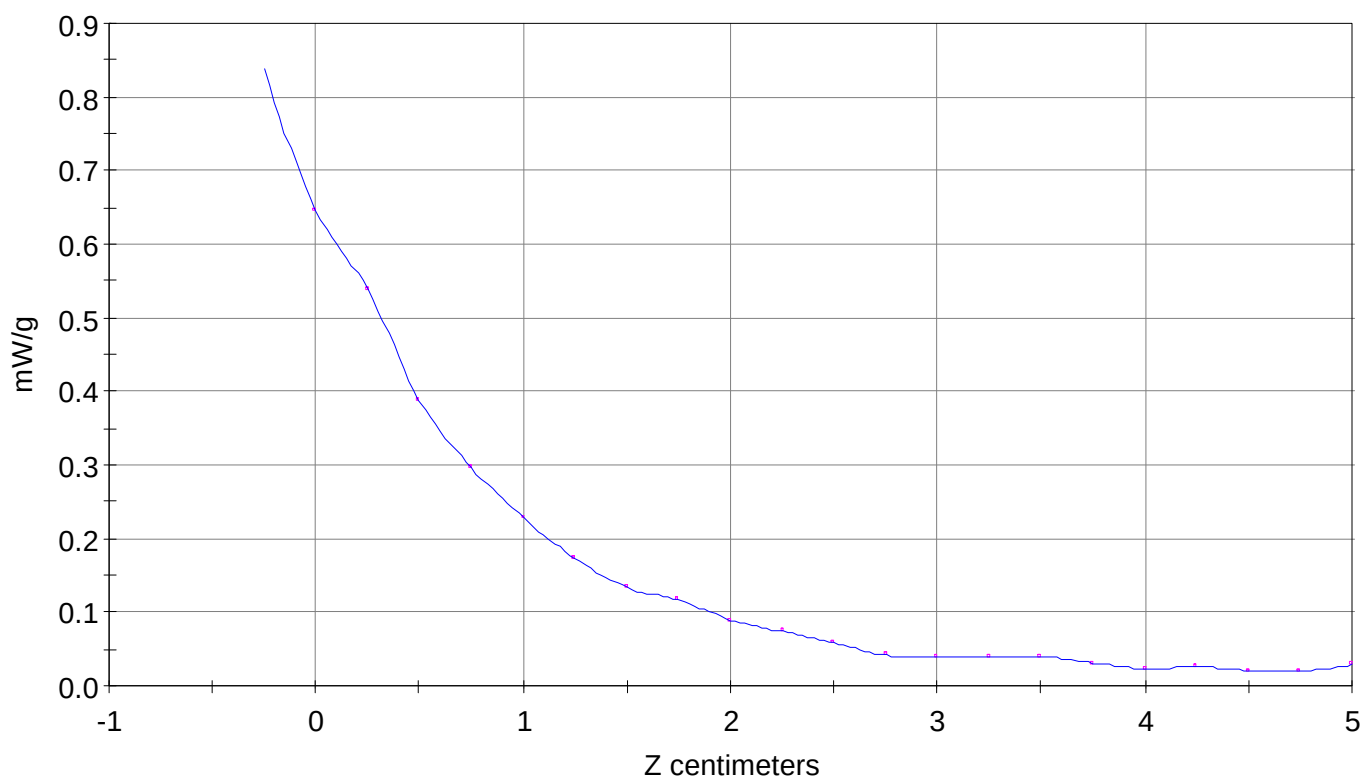
Calc. Voltage @ Surface (Vs) = 0.0075

Voltage @ 1.00 cm (Vt) = 0.0027

Ave. Voltage (Vs+Vt)/2 = 0.0051

Ave. SAR over 1 g (mW/g) = 0.5668

SAR Scan
File : 00071027_ZOOM
Start : 10-Jul-100 03:09:37 pm End : 10-Jul-100 03:16:42 pm
SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

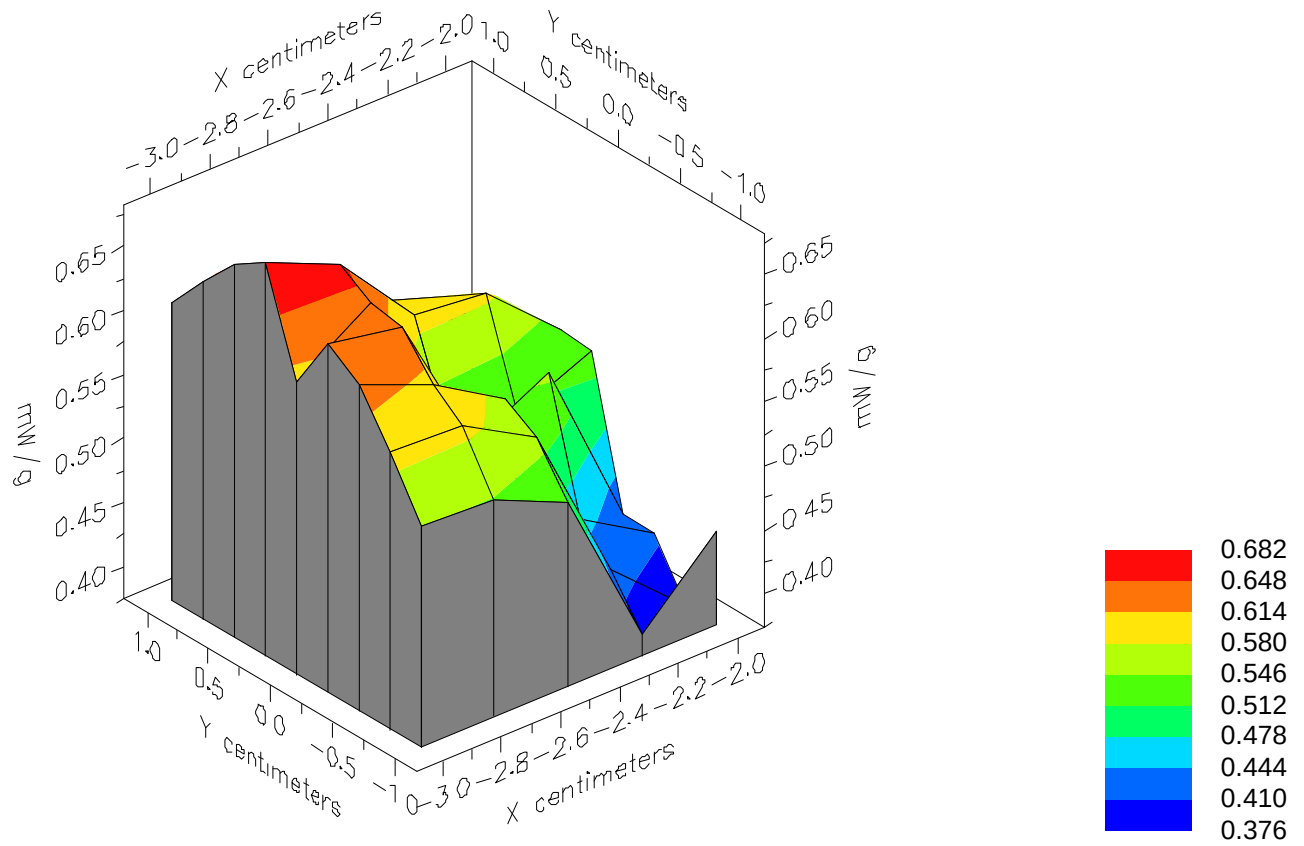


File : 00071027_ZOOM

Start : 10-Jul-100 03:09:37 pm End : 10-Jul-100 03:16:42 pm

SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

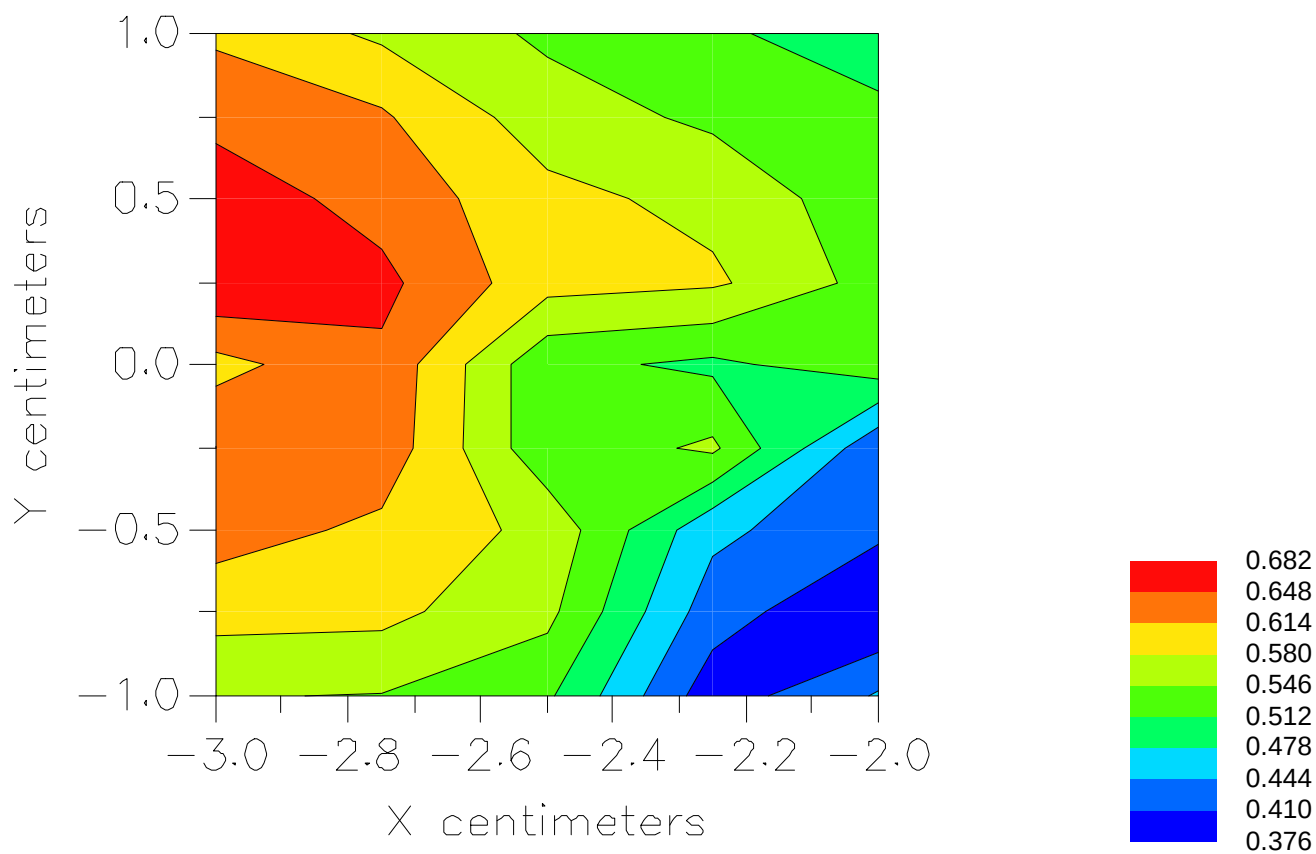


File : 00071027_ZOOM

Start : 10-Jul-100 03:09:37 pm End : 10-Jul-100 03:16:42 pm

SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00071019_ZOOM.VLT
Start : 10-Jul-100 01:39:12 pm End : 10-Jul-100 01:41:02 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1880.0 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Brain
Mixture Dielectric Constant = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 0600 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -1.000, Y = -2.000, Z = 0.000 (cm) Value = 12.315

Measured Values (volts) =
1.393E-002 1.175E-002 8.888E-003 6.659E-003 5.317E-003 4.314E-003
3.670E-003 3.190E-003 2.768E-003 2.439E-003 2.136E-003 1.969E-003
1.949E-003 1.850E-003 1.781E-003 1.737E-003 1.647E-003 1.701E-003
1.729E-003 1.787E-003 1.880E-003

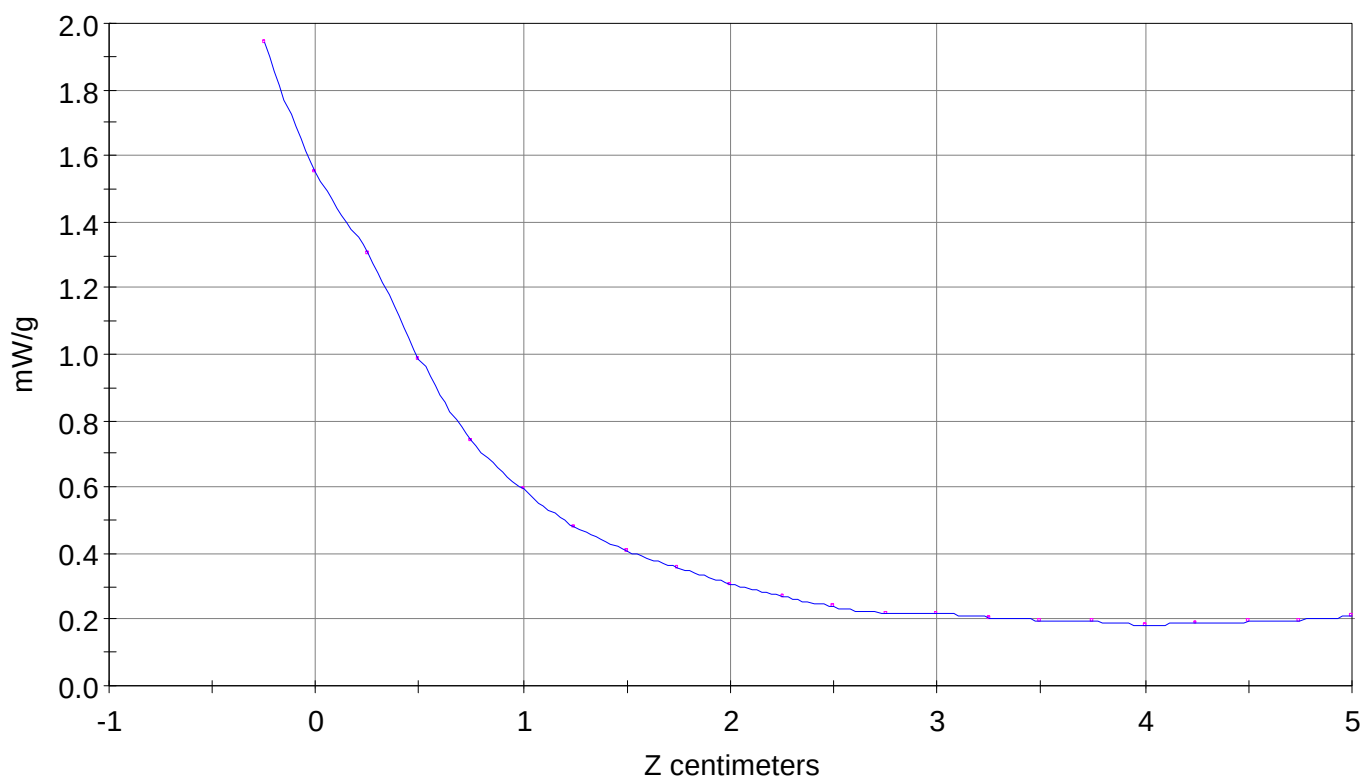
Calc. Voltage @ Surface (Vs) = 0.0175

Voltage @ 1.00 cm (Vt) = 0.0067

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

Ave. SAR over 1 g (mW/g) = 1.3415

SAR Scan
File : 00071019_ZOOM
Start : 10-Jul-100 01:39:12 pm End : 10-Jul-100 01:41:02 pm
SAMSUNG/A3LSPHN200/000002;1880.0MHz;W;Helical/In;
Head/Left Ear;SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

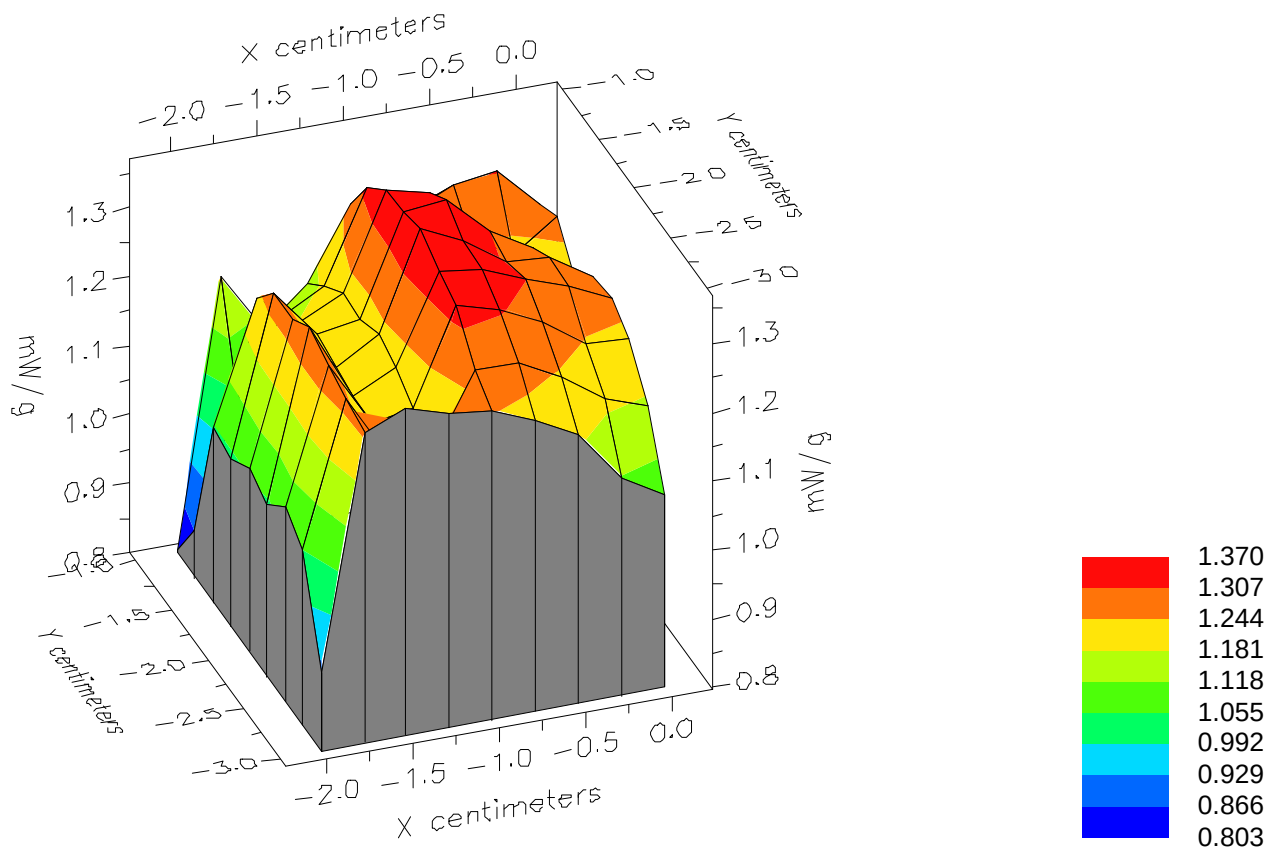


File : 00071018_ZOOM

Start : 10-Jul-100 01:21:24 pm End : 10-Jul-100 01:33:00 pm

SAMSUNG/A3LSPHN200/000002;1880.0MHz;W;Helical/In;

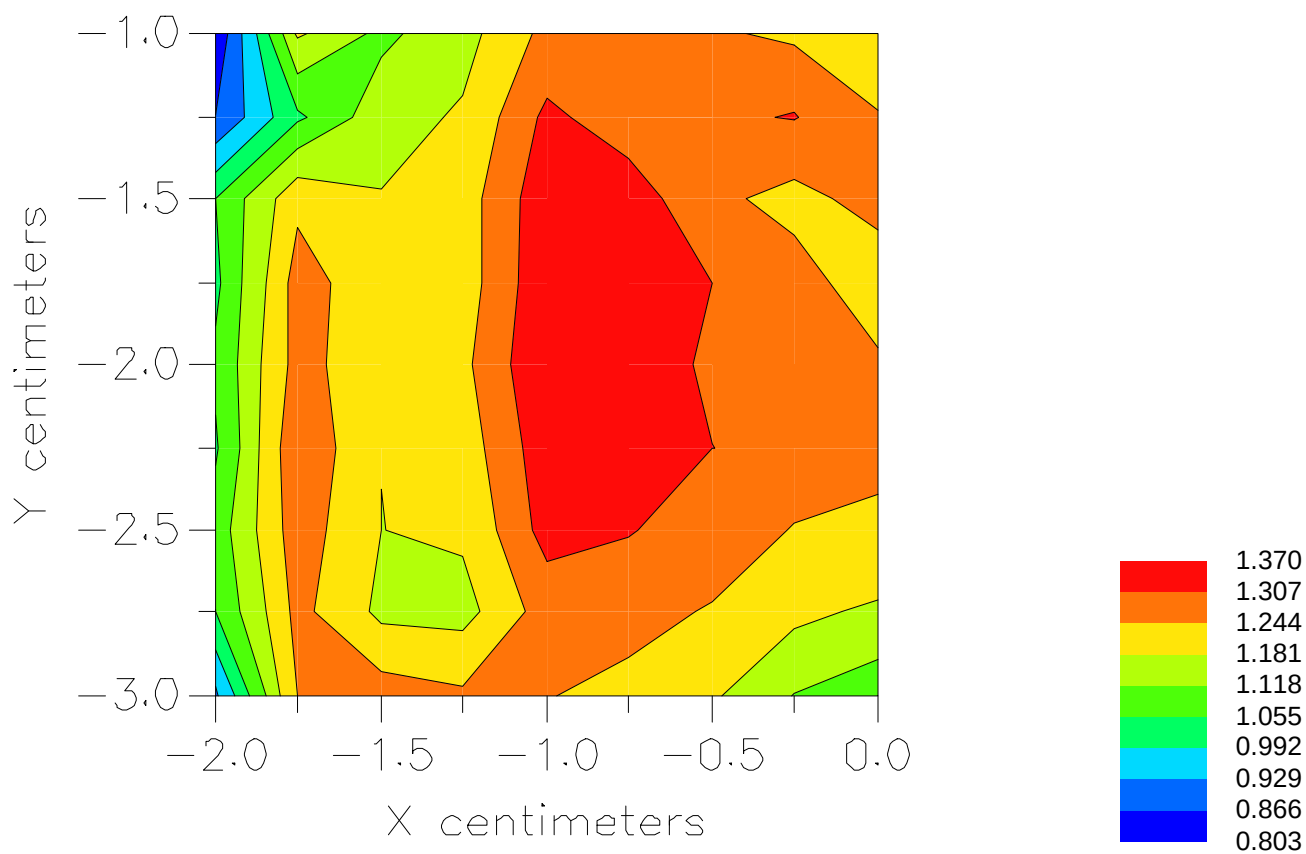
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00071018_ZOOM

Start : 10-Jul-100 01:21:24 pm End : 10-Jul-100 01:33:00 pm

SAMSUNG/A3LSPHN200/000002;1880.0MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00071029_ZOOM.VLT
Start : 10-Jul-100 03:45:53 pm End : 10-Jul-100 03:55:26 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 0600 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -3.000, Y = 0.500, Z = 0.000 (cm) Value = 6.350

Measured Values (volts) =
5.382E-003 3.968E-003 2.917E-003 2.144E-003 1.675E-003 1.322E-003
1.042E-003 8.818E-004 6.805E-004 5.785E-004 4.449E-004 3.711E-004
2.893E-004 3.167E-004 3.222E-004 2.513E-004 2.256E-004 1.633E-004
2.081E-004 2.509E-004 2.149E-004

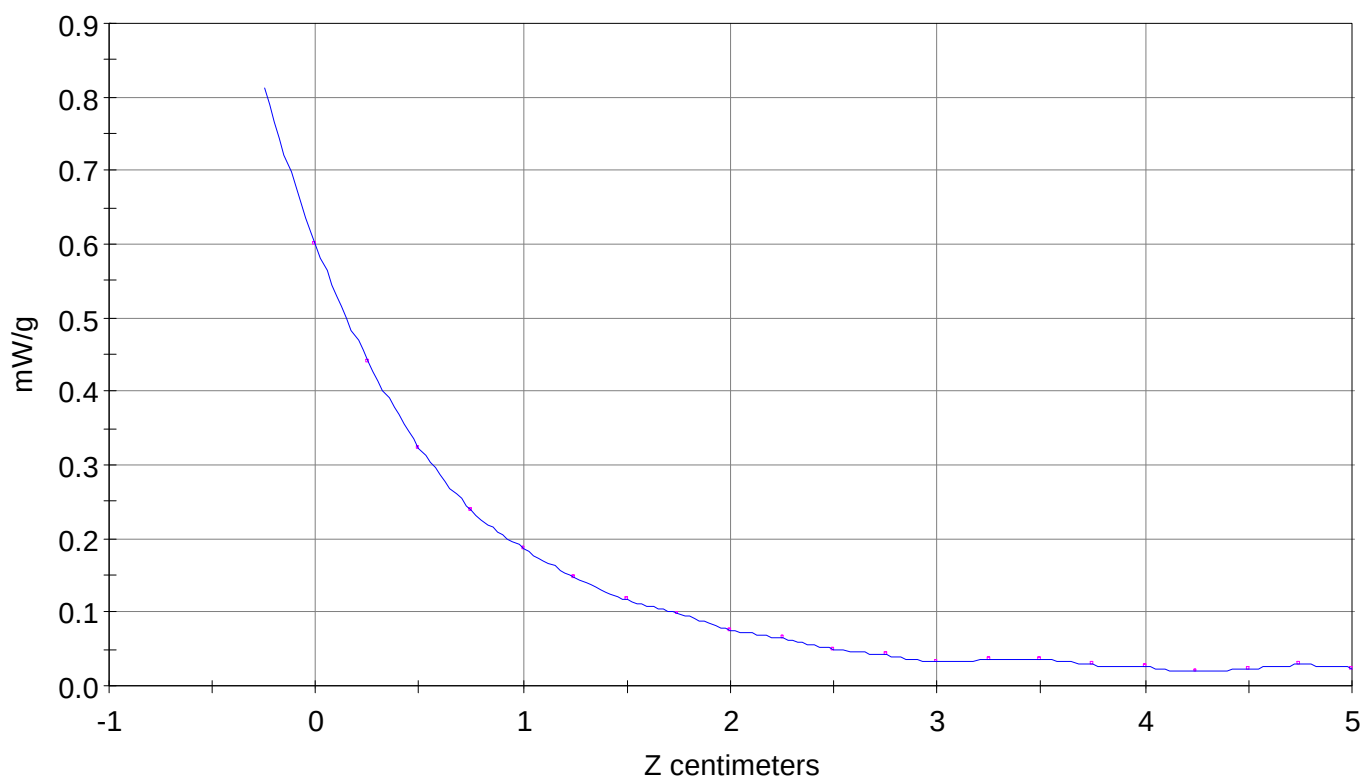
Calc. Voltage @ Surface (Vs) = 0.0073

Voltage @ 1.00 cm (Vt) = 0.0021

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

Ave. SAR over 1 g (mW/g) = 0.5257

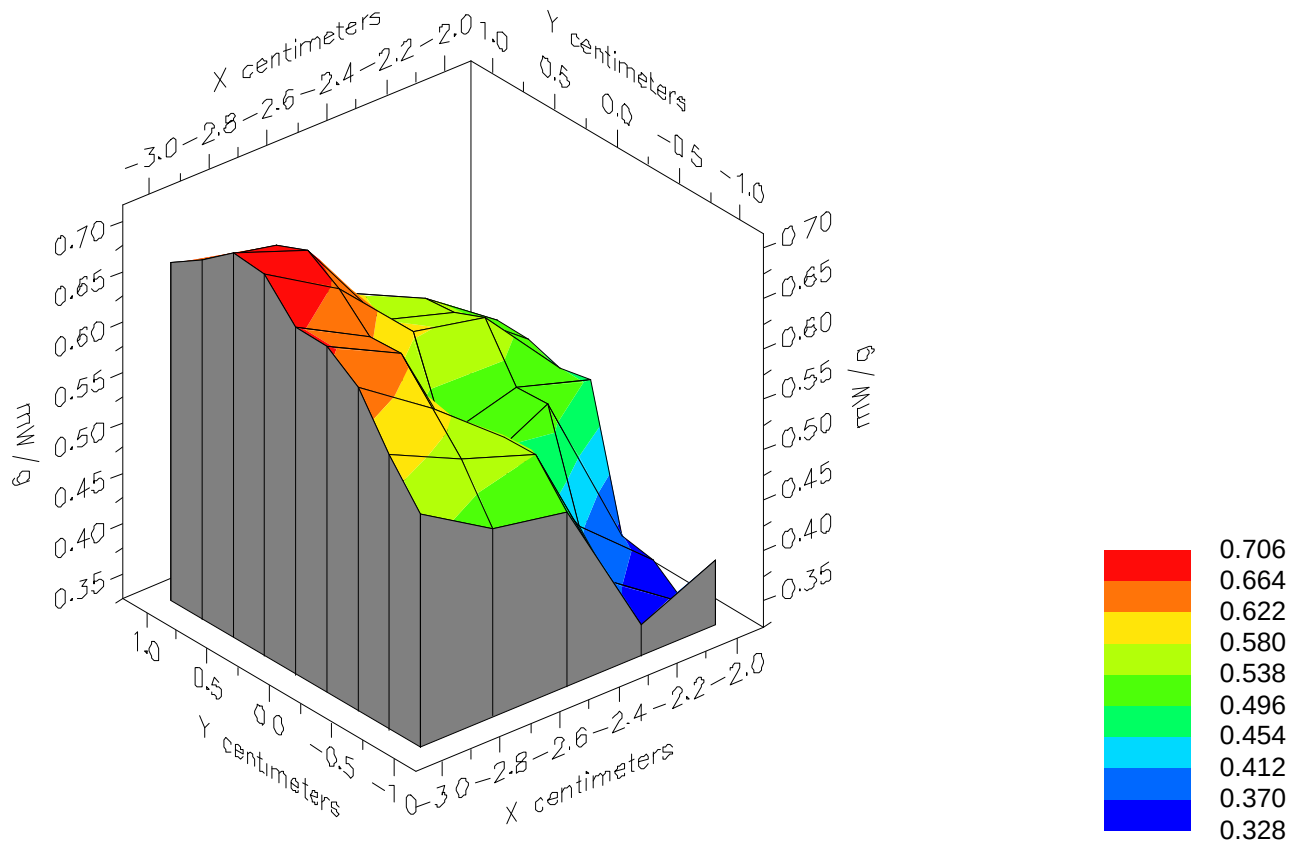
SAR Scan
File : 00071029_ZOOM
Start : 10-Jul-100 03:45:53 pm End : 10-Jul-100 03:55:26 pm
SAMSUNG/A3LSPHN200/000002;1880.00MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00071029_ZOOM

Start : 10-Jul-100 03:45:53 pm End : 10-Jul-100 03:55:26 pm

SAMSUNG/A3LSPHN200/000002;1880.00MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

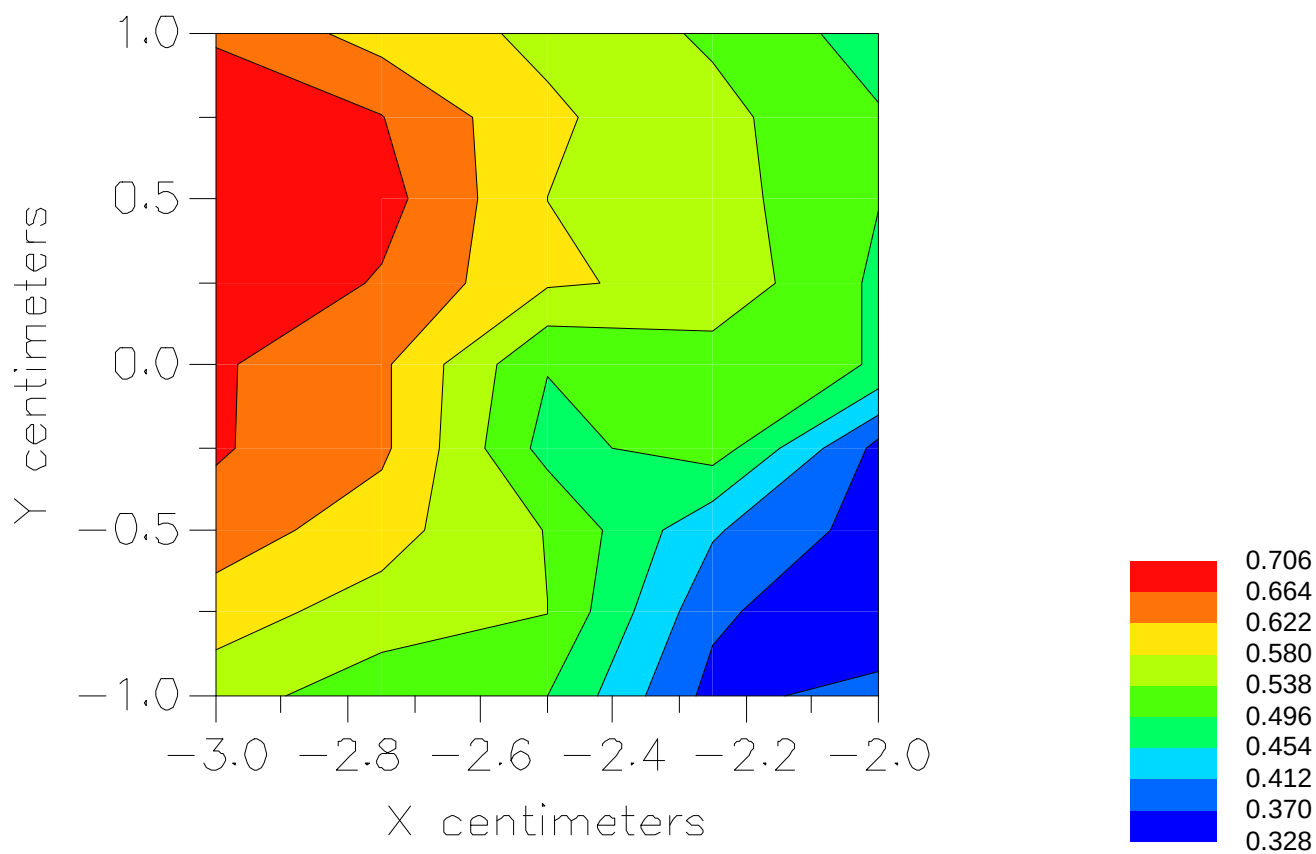


File : 00071029_ZOOM

Start : 10-Jul-100 03:45:53 pm End : 10-Jul-100 03:55:26 pm

SAMSUNG/A3LSPHN200/000002;1880.00MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00071023_ZOOM.VLT
Start : 10-Jul-100 02:28:32 pm End : 10-Jul-100 02:41:59 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 1175 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -1.000, Y = -1.500, Z = 0.000 (cm) Value = 9.374

Measured Values (volts) =
8.804E-003 7.337E-003 5.516E-003 4.275E-003 3.344E-003 2.868E-003
2.478E-003 2.322E-003 2.178E-003 1.914E-003 1.765E-003 1.644E-003
1.554E-003 1.650E-003 1.496E-003 1.552E-003 1.423E-003 1.531E-003
1.454E-003 1.587E-003 1.590E-003

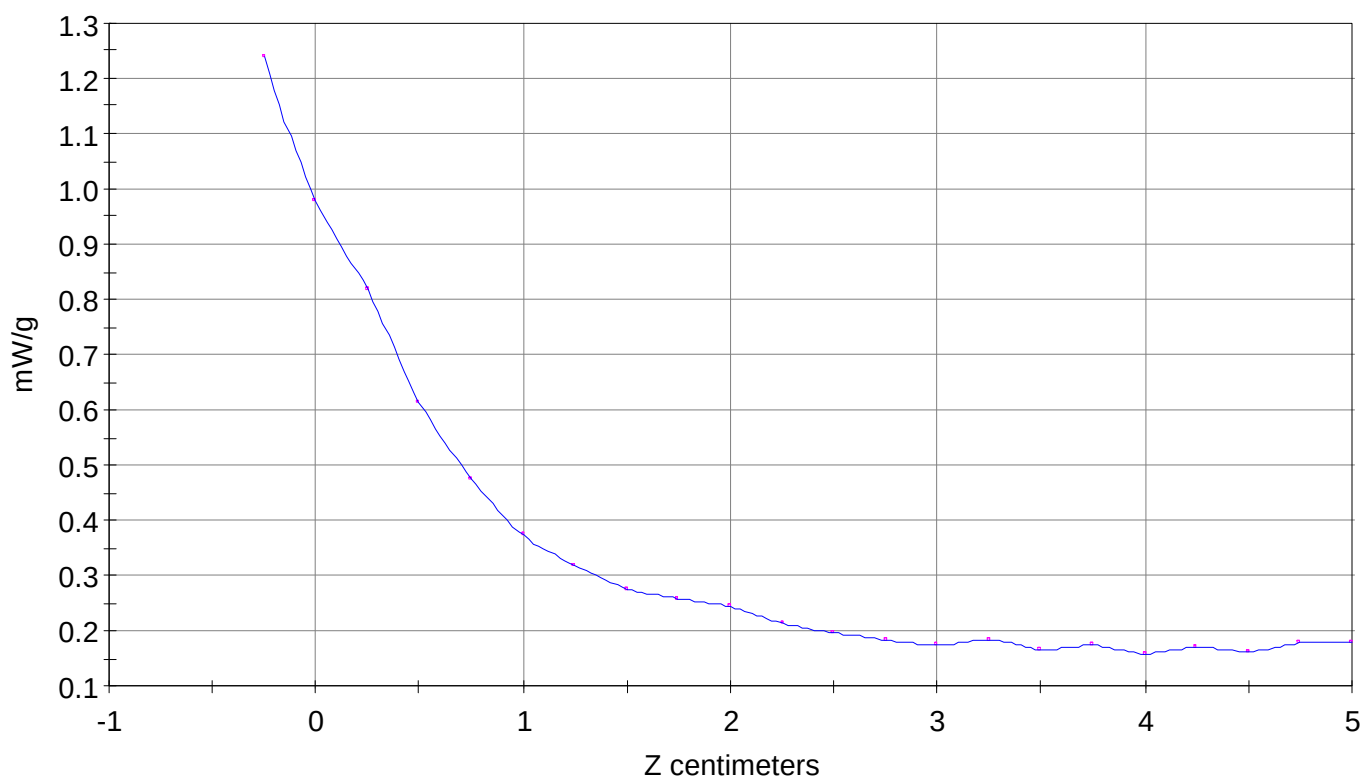
Calc. Voltage @ Surface (Vs) = 0.0111

Voltage @ 1.00 cm (Vt) = 0.0043

Ave. Voltage (Vs+Vt)/2 = 0.0077

Ave. SAR over 1 g (mW/g) = 0.8569

SAR Scan
File : 00071023_ZOOM
Start : 10-Jul-100 02:28:32 pm End : 10-Jul-100 02:41:59 pm
SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

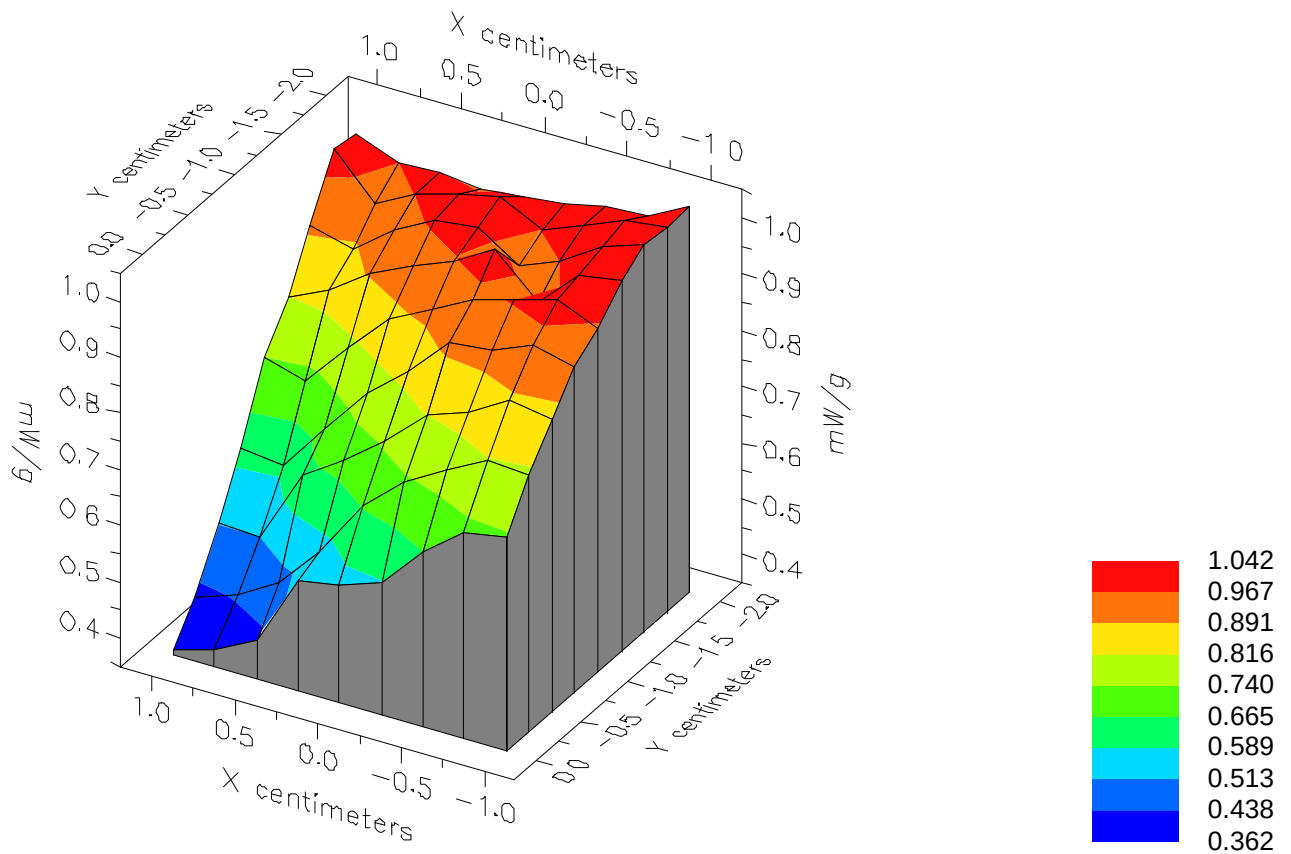


File : 00071023_ZOOM

Start : 10-Jul-100 02:28:32 pm End : 10-Jul-100 02:41:59 pm

SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

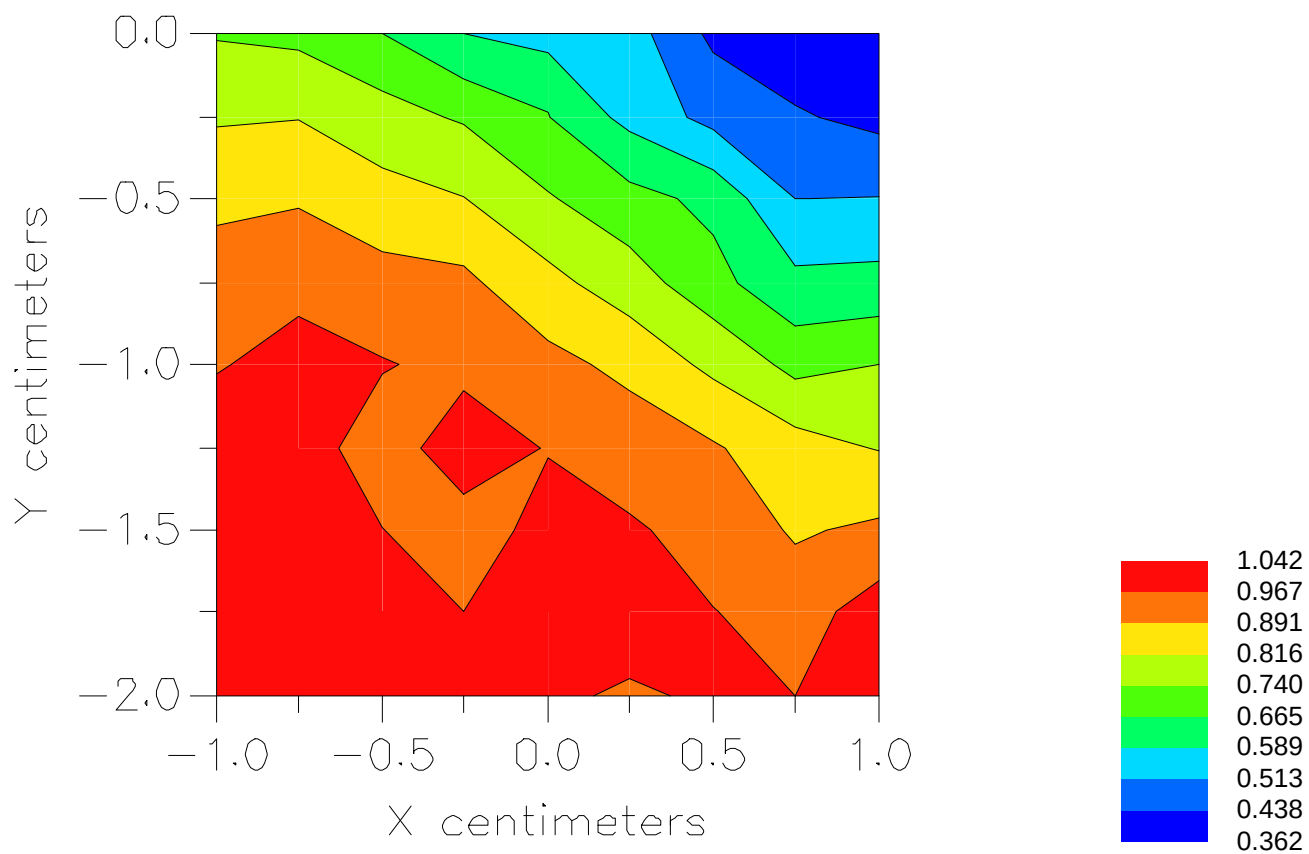


File : 00071023_ZOOM

Start : 10-Jul-100 02:28:32 pm End : 10-Jul-100 02:41:59 pm

SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00071030_ZOOM.VLT
Start : 10-Jul-100 04:03:02 pm End : 10-Jul-100 04:09:44 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 = 41.300
Mixture Conductivity = 1.650

Comment :
SAMSUNG DUAL BAND PHONE PCS MODE
CHAN 1175 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -3.000, Y = 0.250, Z = 0.000 (cm) Value = 4.394

Measured Values (volts) =
4.069E-003 3.092E-003 2.265E-003 1.717E-003 1.291E-003 1.042E-003
7.672E-004 6.572E-004 5.481E-004 4.154E-004 3.405E-004 2.943E-004
2.949E-004 2.740E-004 2.337E-004 1.830E-004 1.665E-004 1.834E-004
2.171E-004 2.432E-004 1.769E-004

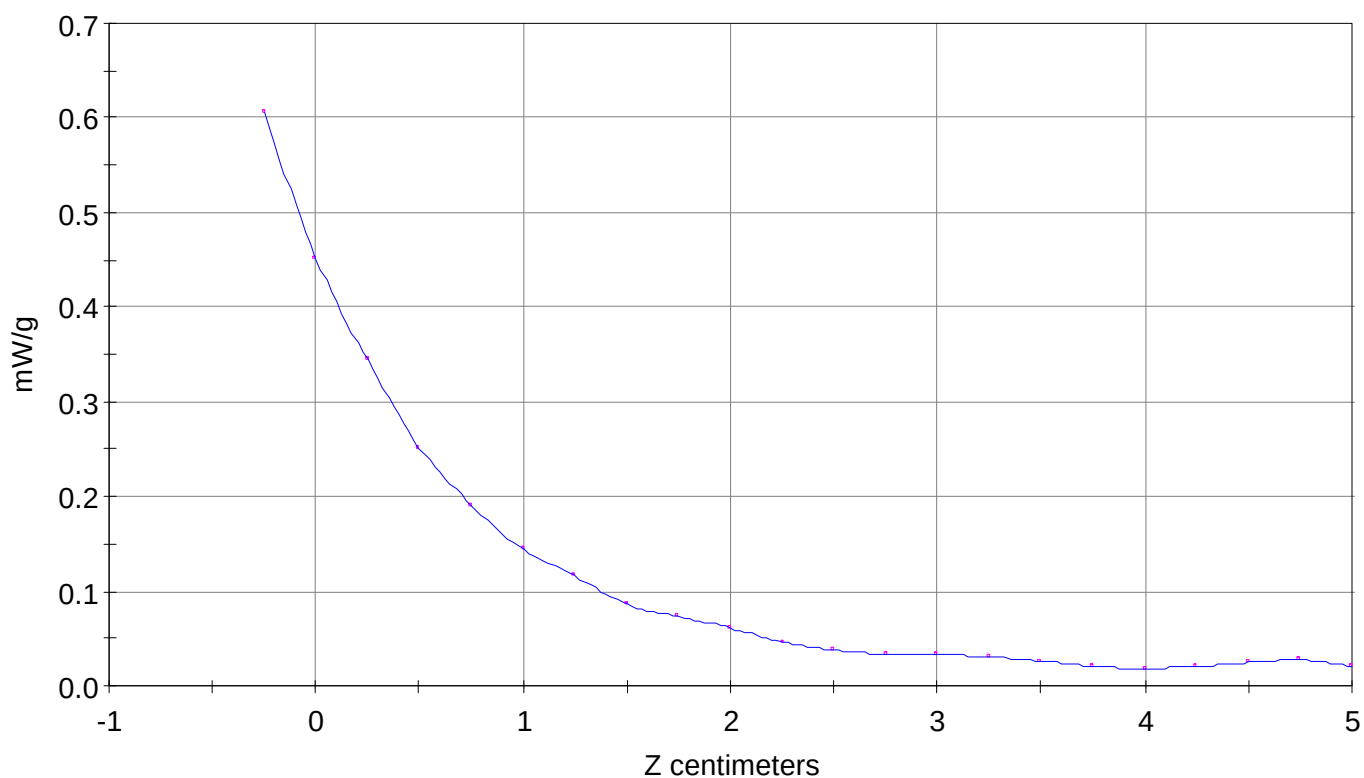
Calc. Voltage @ Surface (Vs) = 0.0055

Voltage @ 1.00 cm (Vt) = 0.0017

Ave. Voltage (Vs+Vt)/2 = 0.0036

Ave. SAR over 1 g (mW/g) = 0.3987

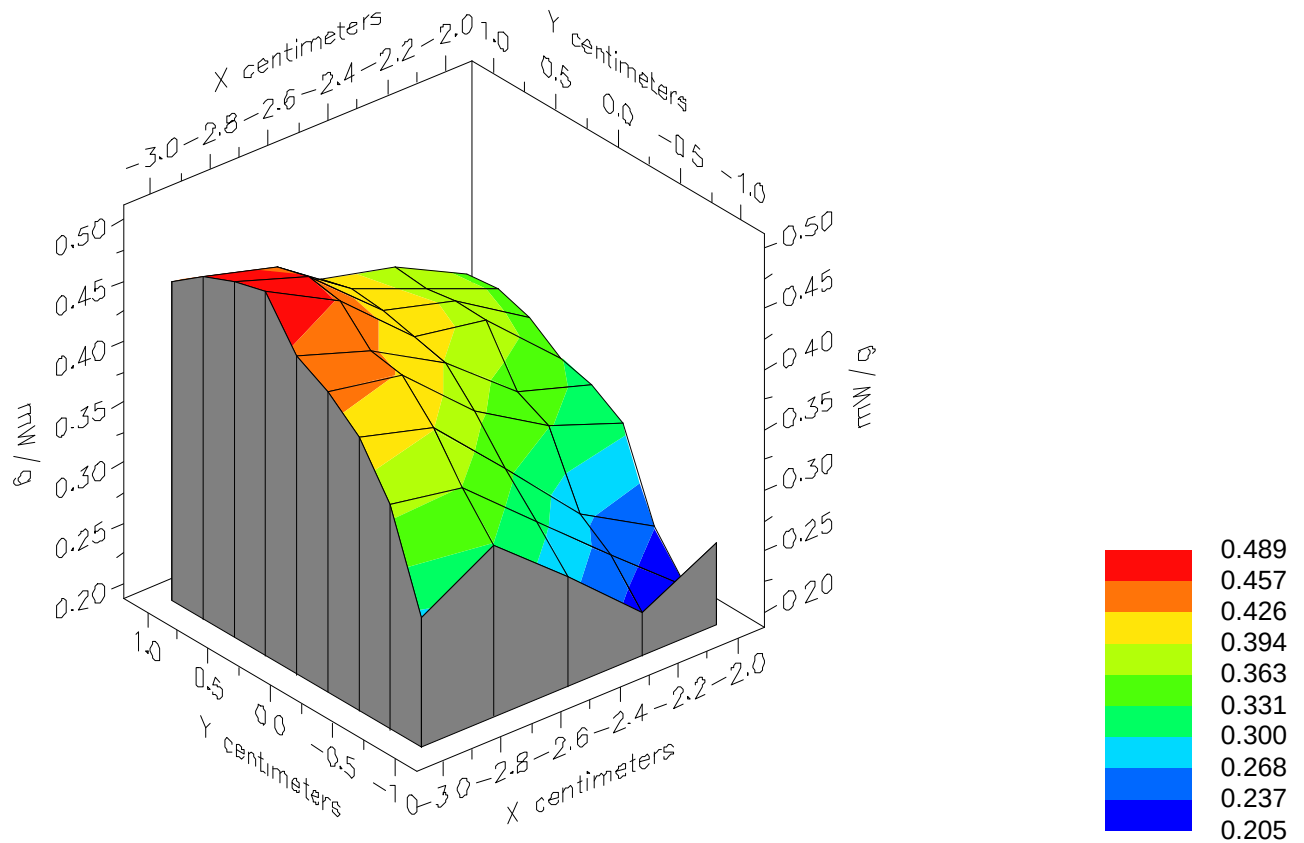
SAR Scan
File : 00071030_ZOOM
Start : 10-Jul-100 04:03:02 pm End : 10-Jul-100 04:09:44 pm
SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00071030_ZOOM

Start : 10-Jul-100 04:03:02 pm End : 10-Jul-100 04:09:44 pm

SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

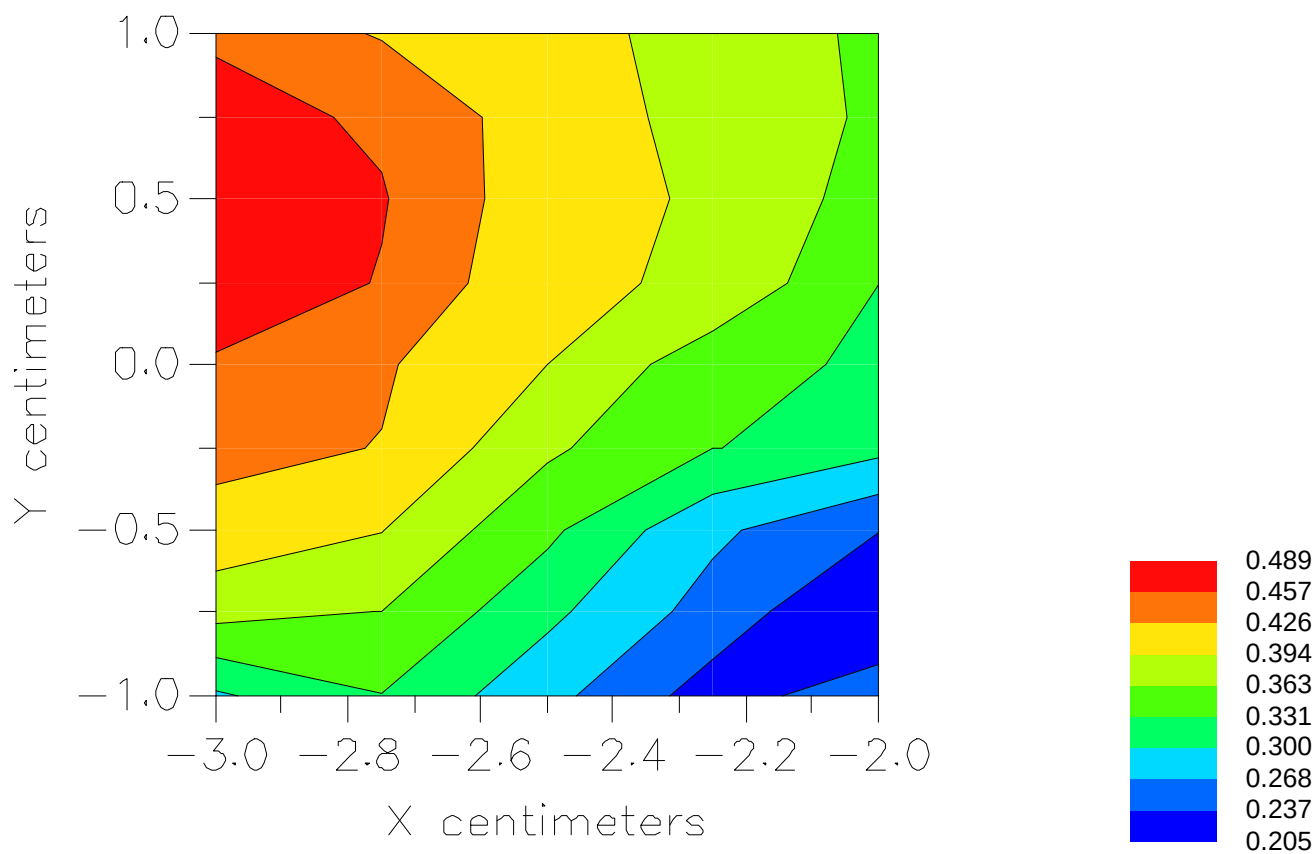


File : 00071030_ZOOM

Start : 10-Jul-100 04:03:02 pm End : 10-Jul-100 04:09:44 pm

SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00071109_ZOOM.VLT
Start : 11-Jul-100 11:21:41 am End : 11-Jul-100 11:31:57 am

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 DUAL BAND PHONE PCS MODE
CHAN 0025 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -0.500, Z = 0.000 (cm) Value = 7.488

Measured Values (volts) =
7.277E-003 5.108E-003 3.823E-003 3.038E-003 2.510E-003 1.948E-003
1.508E-003 1.165E-003 9.965E-004 7.122E-004 4.945E-004 3.429E-004
2.671E-004 2.831E-004 1.936E-004 9.271E-005 1.615E-005 8.787E-005
1.887E-004 8.580E-005 4.039E-005

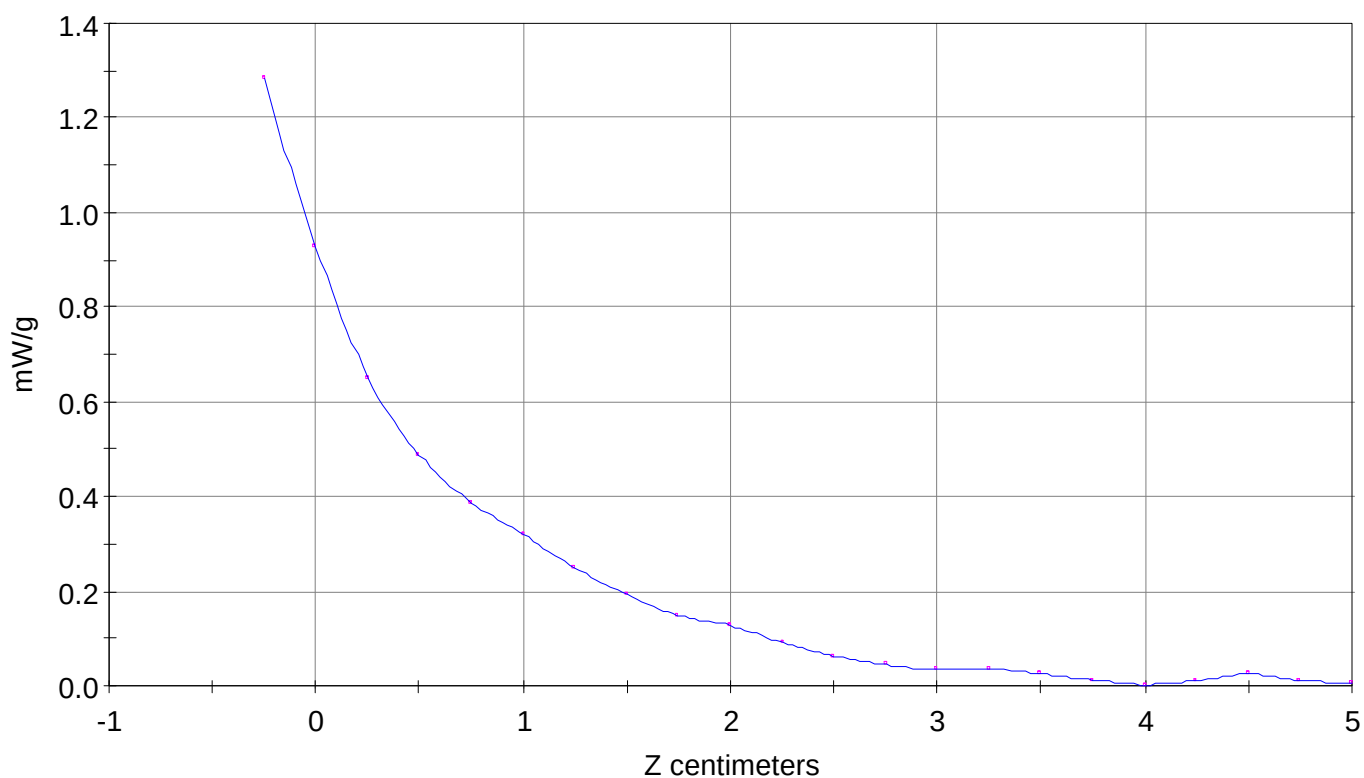
Calc. Voltage @ Surface (Vs) = 0.0100

Voltage @ 1.00 cm (Vt) = 0.0030

Ave. Voltage (Vs+Vt)/2 = 0.0065

Ave. SAR over 1 g (mW/g) = 0.8347

SAR Scan
File : 00071109_ZOOM
Start : 11-Jul-100 11:21:41 am End : 11-Jul-100 11:31:57 am
SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

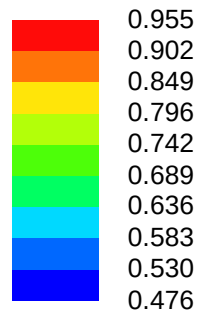
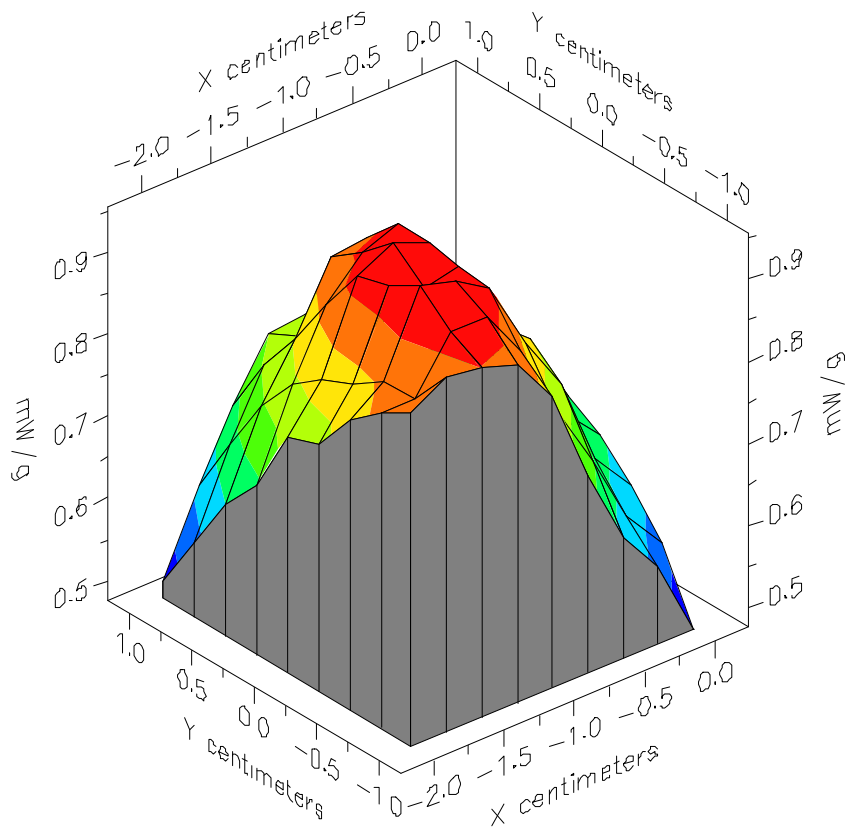


File : 00071109_ZOOM

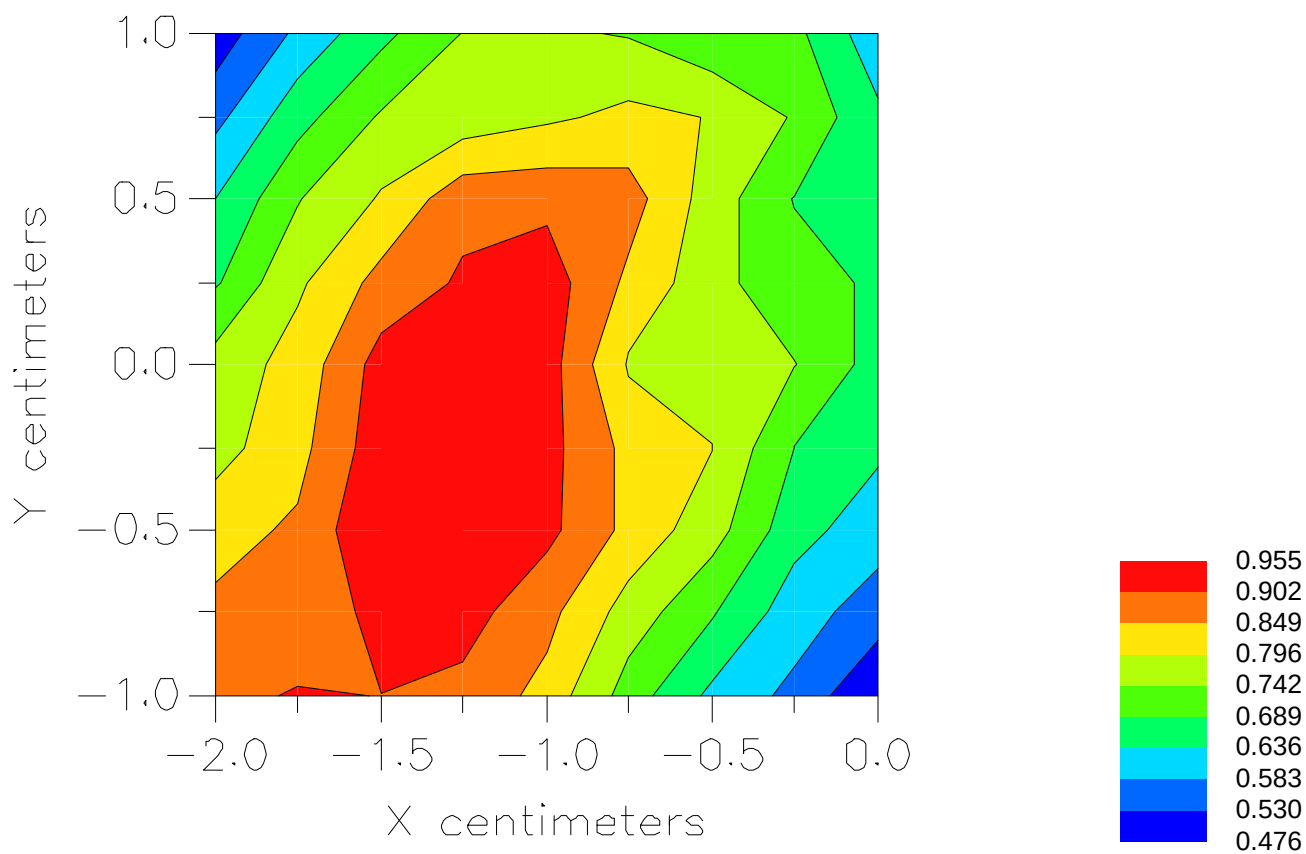
Start : 11-Jul-100 11:21:41 am End : 11-Jul-100 11:31:57 am

SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/In;

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



File : 00071109_ZOOM
Start : 11-Jul-100 11:21:41 am End : 11-Jul-100 11:31:57 am
SAMSUNG/A3LSPHN200/000002;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/00071110_ZOOM.VLT
Start : 11-Jul-100 11:49:19 am End : 11-Jul-100 11:58:22 am

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 DUAL BAND PHONE PCS MODE
CHAN 0025 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -4.000, Y = -2.250, Z = 0.000 (cm) Value = 4.503

Measured Values (volts) =
4.281E-003 3.514E-003 2.549E-003 1.984E-003 1.777E-003 1.363E-003
9.756E-004 7.487E-004 6.620E-004 5.993E-004 4.446E-004 1.481E-004
1.245E-004 4.409E-004 4.465E-004 2.935E-004 8.623E-005 2.996E-005
5.033E-005 3.002E-005 0.000E+000

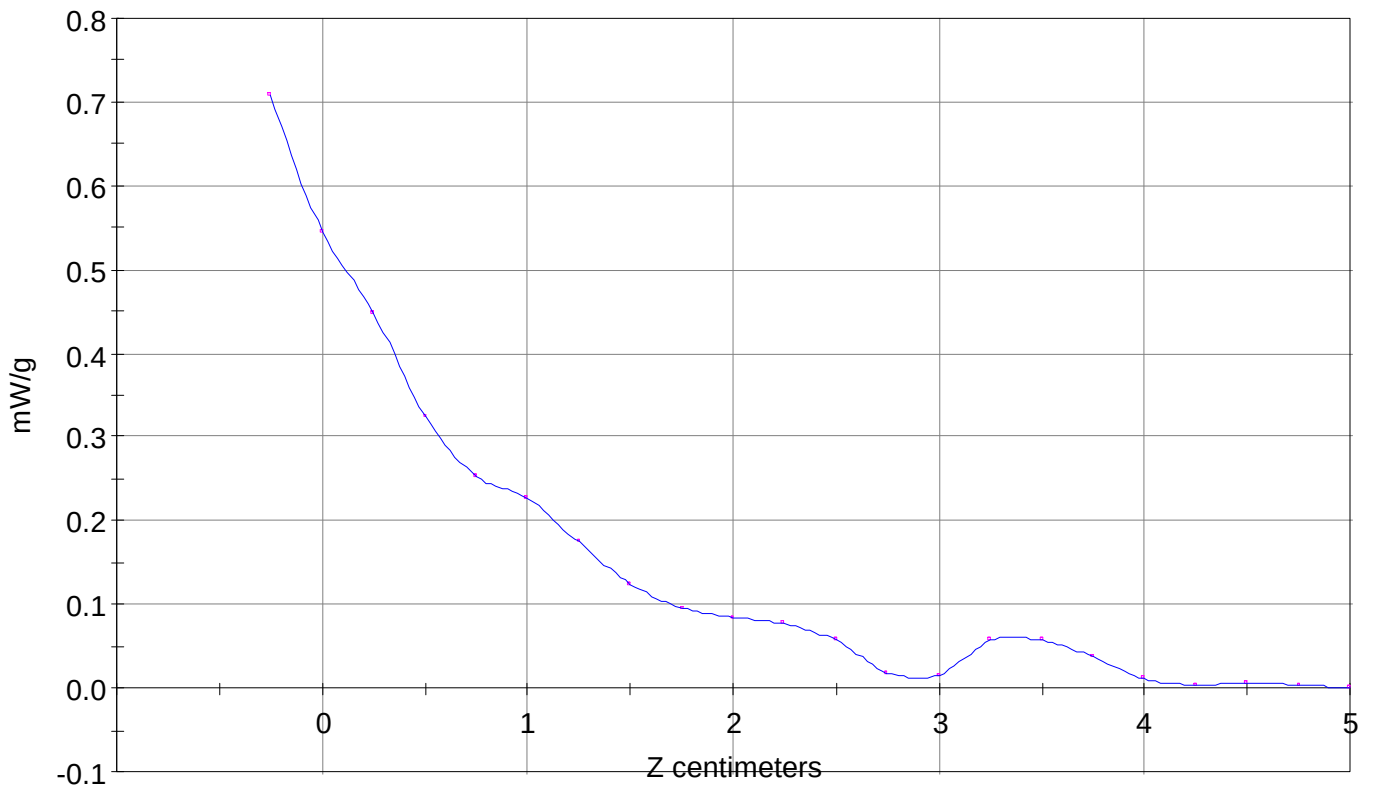
Calc. Voltage @ Surface (Vs) = 0.0056

Voltage @ 1.00 cm (Vt) = 0.0020

Ave. Voltage (Vs+Vt)/2 = 0.0038

Ave. SAR over 1 g (mW/g) = 0.4812

SAR Scan
File : 00071110_ZOOM
Start : 11-Jul-100 11:49:19 am End : 11-Jul-100 11:58:22 am
SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

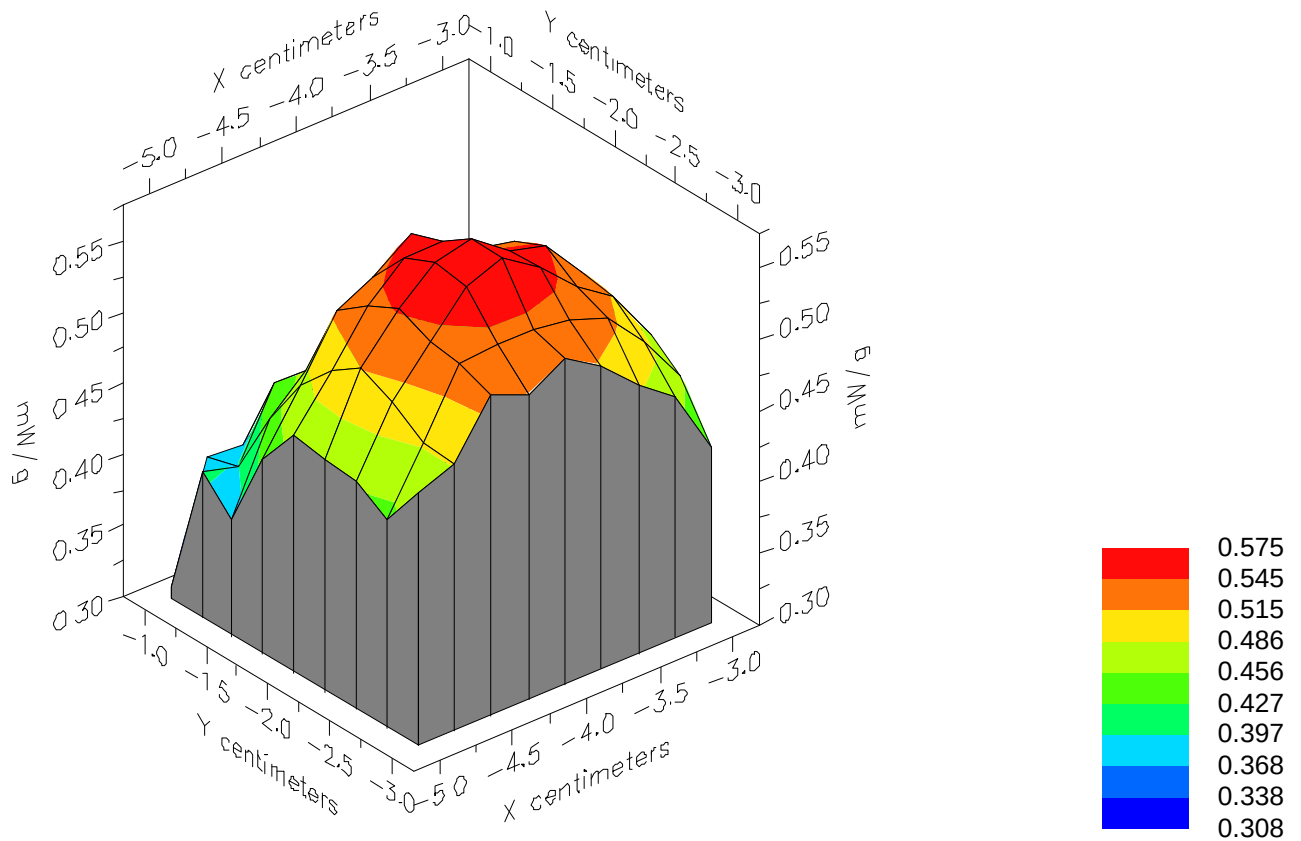


File : 00071110_ZOOM

Start : 11-Jul-100 11:49:19 am End : 11-Jul-100 11:58:22 am

SAMSUNG/A3LSPHN200/000002;1851.25MHz;W;Helical/Out;

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

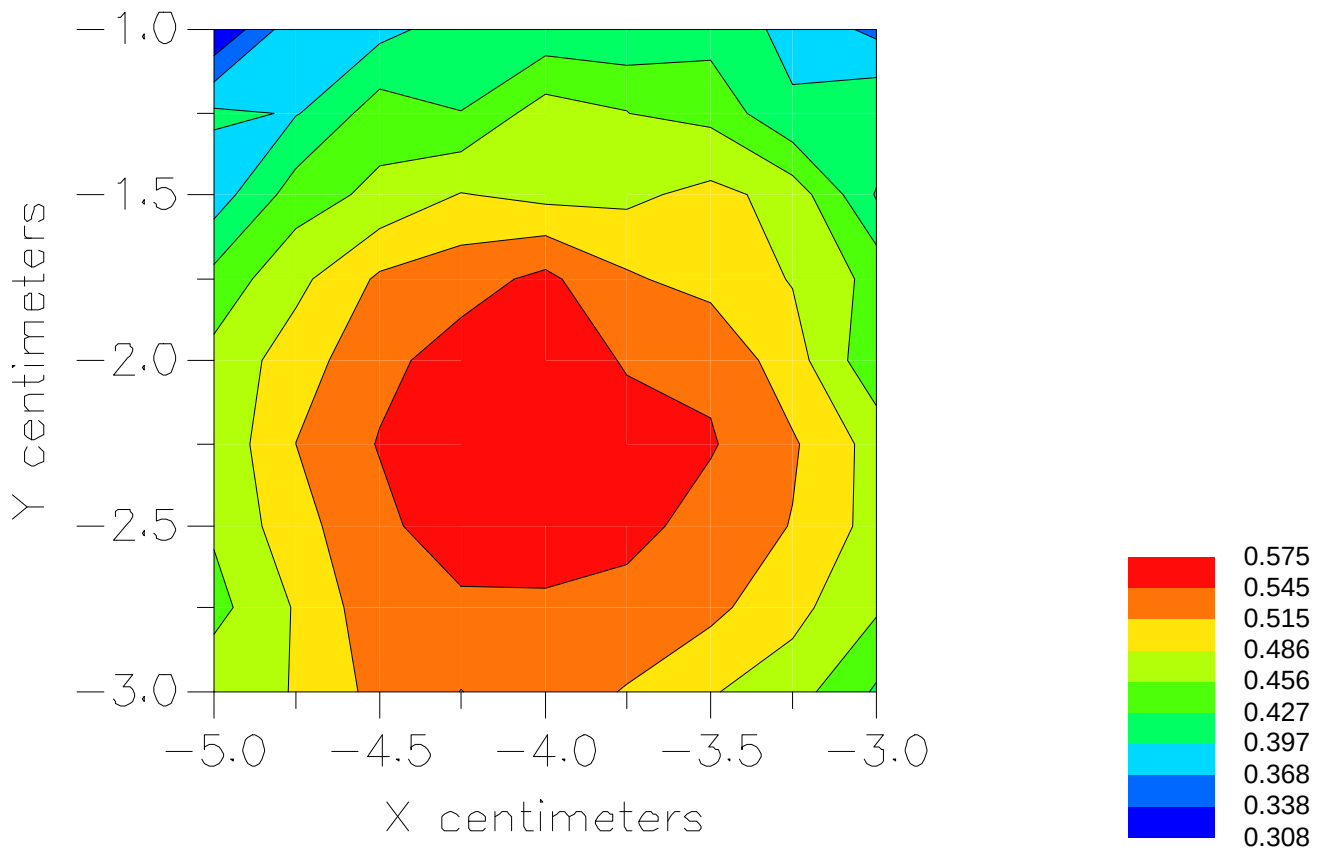


File : 00071110_ZOOM

Start : 11-Jul-100 11:49:19 am End : 11-Jul-100 11:58:22 am

SAMSUNG/A3LSPHN200/000002;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/00071106_ZOOM.VLT
Start : 11-Jul-100 10:48:43 am End : 11-Jul-100 10:49:31 am

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : 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 DUAL BAND PHONE PCS MODE
CHAN 0600 25.5 dBm conducted
SAMSUNG DUAL BAND PHONE Body SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -1.000, Y = 1.000, Z = 0.000 (cm) Value = 5.565

Measured Values (volts) =
6.776E-003 5.308E-003 3.914E-003 3.062E-003 2.439E-003 2.034E-003
1.652E-003 1.259E-003 9.949E-004 8.061E-004 6.344E-004 5.322E-004
3.550E-004 2.933E-004 2.591E-004 1.999E-004 1.541E-004 6.505E-005
6.030E-005 7.732E-005 9.901E-005

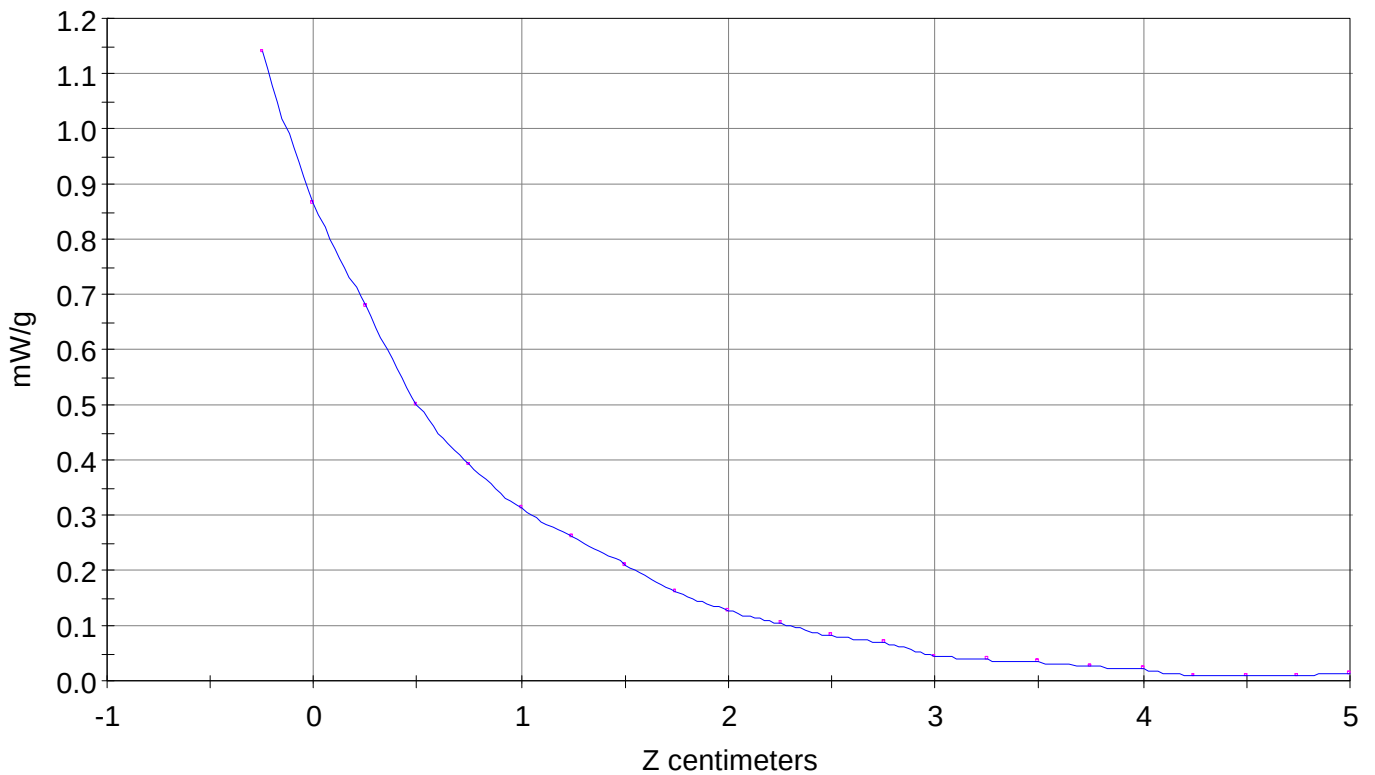
Calc. Voltage @ Surface (Vs) = 0.0089

Voltage @ 1.00 cm (Vt) = 0.0031

Ave. Voltage (Vs+Vt)/2 = 0.0060

Ave. SAR over 1 g (mW/g) = 0.7644

SAR Scan
File : 00071106_ZOOM
Start : 11-Jul-100 10:48:43 am End : 11-Jul-100 10:49:31 am
SAMSUNG/A3LSPHN200/000002;1880.00MHz;W;Helical/In;
Body/Abdomen;SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

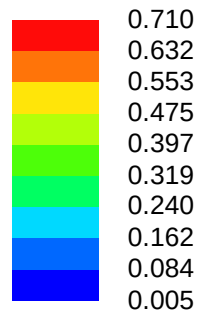
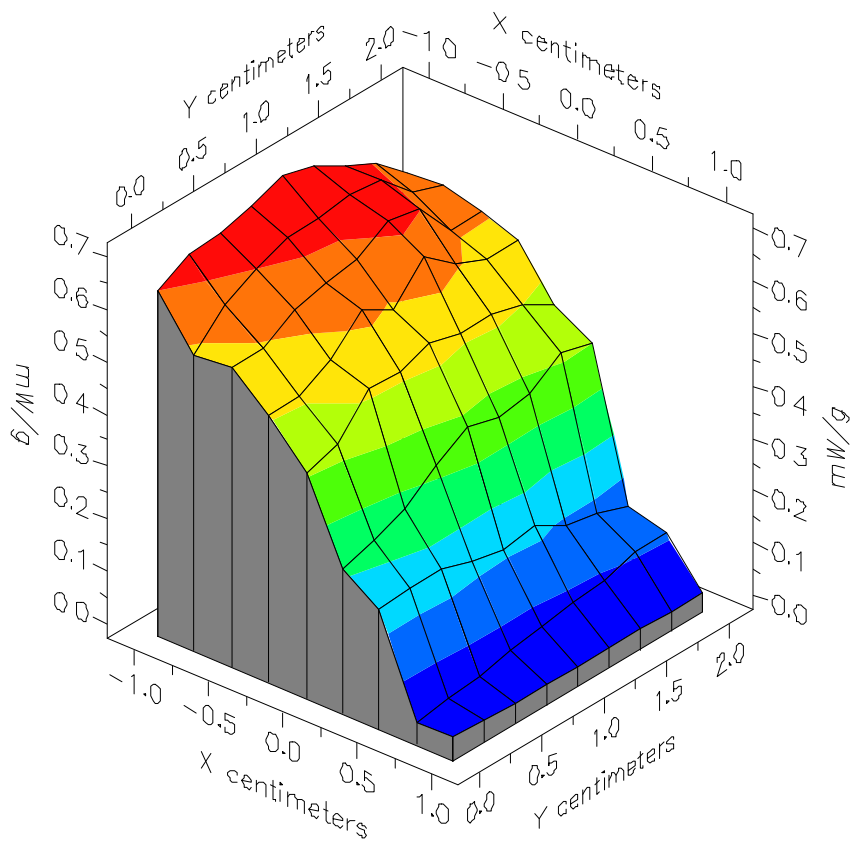


File : 00071105_ZOOM

Start : 11-Jul-100 10:34:01 am End : 11-Jul-100 10:44:37 am

SAMSUNG/A3LSPHN200/000002;1880.00MHz;W;Helical/In;

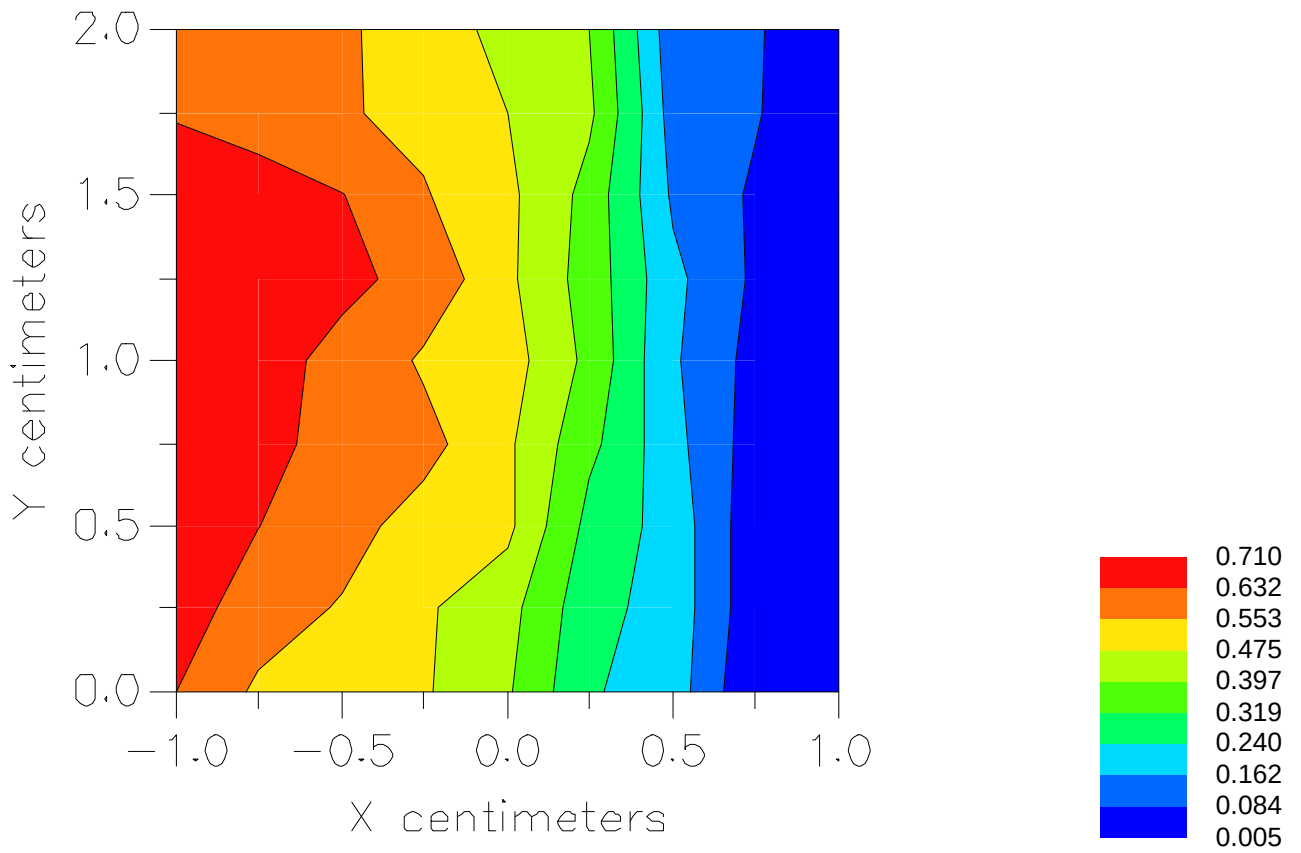
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00071105_ZOOM

Start : 11-Jul-100 10:34:01 am End : 11-Jul-100 10:44:37 am

SAMSUNG/A3LSPHN200/000002;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/00071108_ZOOM.VLT
Start : 11-Jul-100 11:01:22 am End : 11-Jul-100 11:11:25 am

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 DUAL BAND PHONE PCS MODE
CHAN 0600 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -4.500, Y = -2.000, Z = 0.000 (cm) Value = 6.849

Measured Values (volts) =
6.053E-003 5.144E-003 3.578E-003 2.780E-003 2.418E-003 1.920E-003
1.378E-003 9.999E-004 9.493E-004 8.633E-004 4.891E-004 1.610E-004
1.686E-004 4.114E-004 5.067E-004 3.471E-004 1.905E-004 1.301E-005
2.461E-005 3.202E-005 3.589E-006

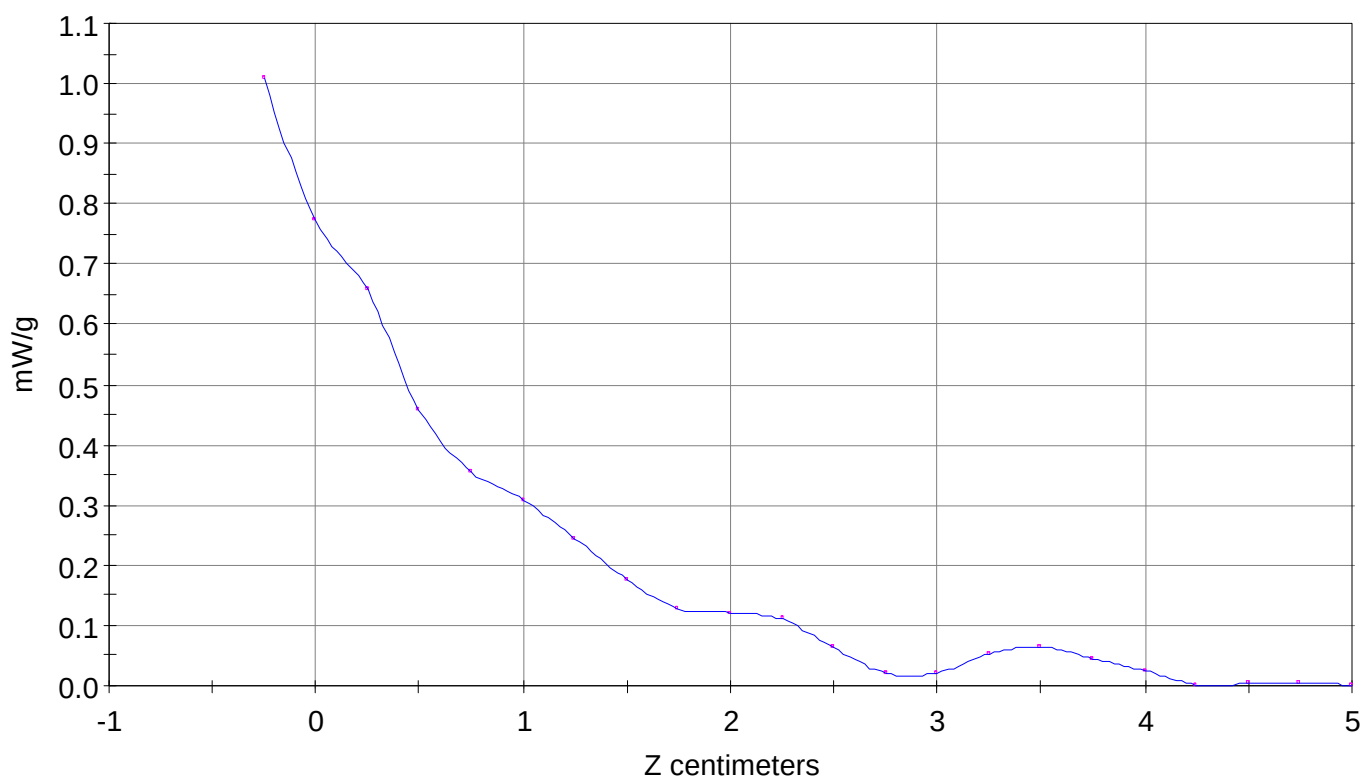
Calc. Voltage @ Surface (Vs) = 0.0079

Voltage @ 1.00 cm (Vt) = 0.0028

Ave. Voltage (Vs+Vt)/2 = 0.0053

Ave. SAR over 1 g (mW/g) = 0.6822

SAR Scan
File : 00071108_ZOOM
Start : 11-Jul-100 11:01:22 am End : 11-Jul-100 11:11:25 am
SAMSUNG/A3LSPHN200/000002;1880.00MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

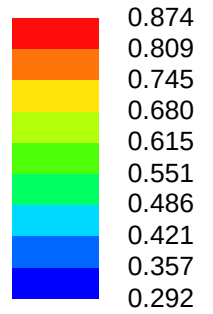
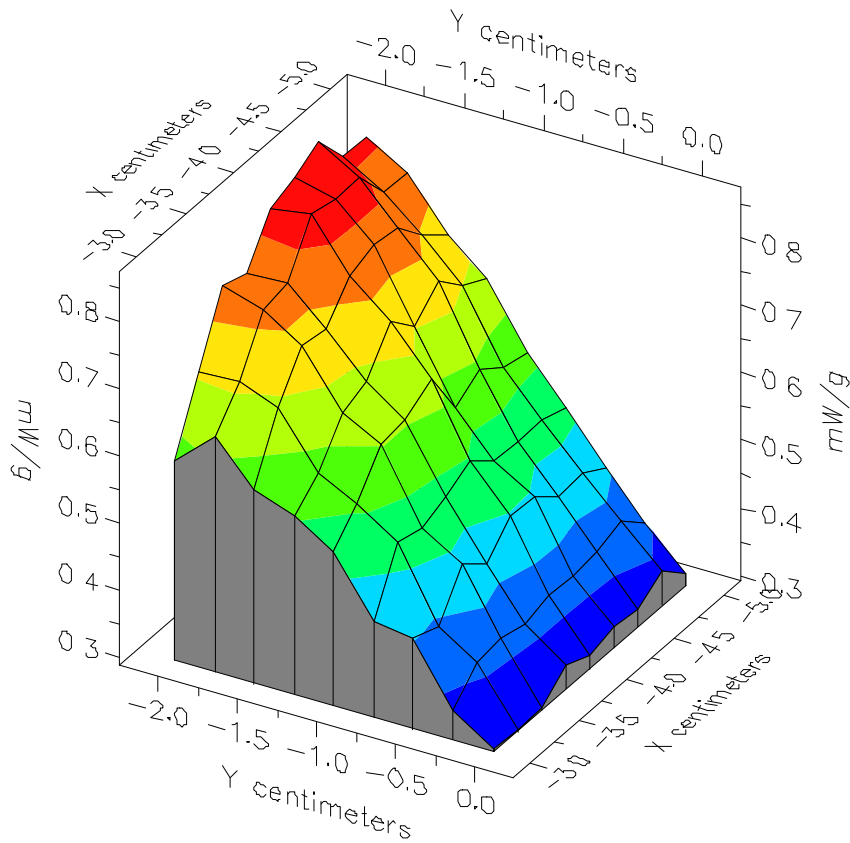


File : 00071108_ZOOM

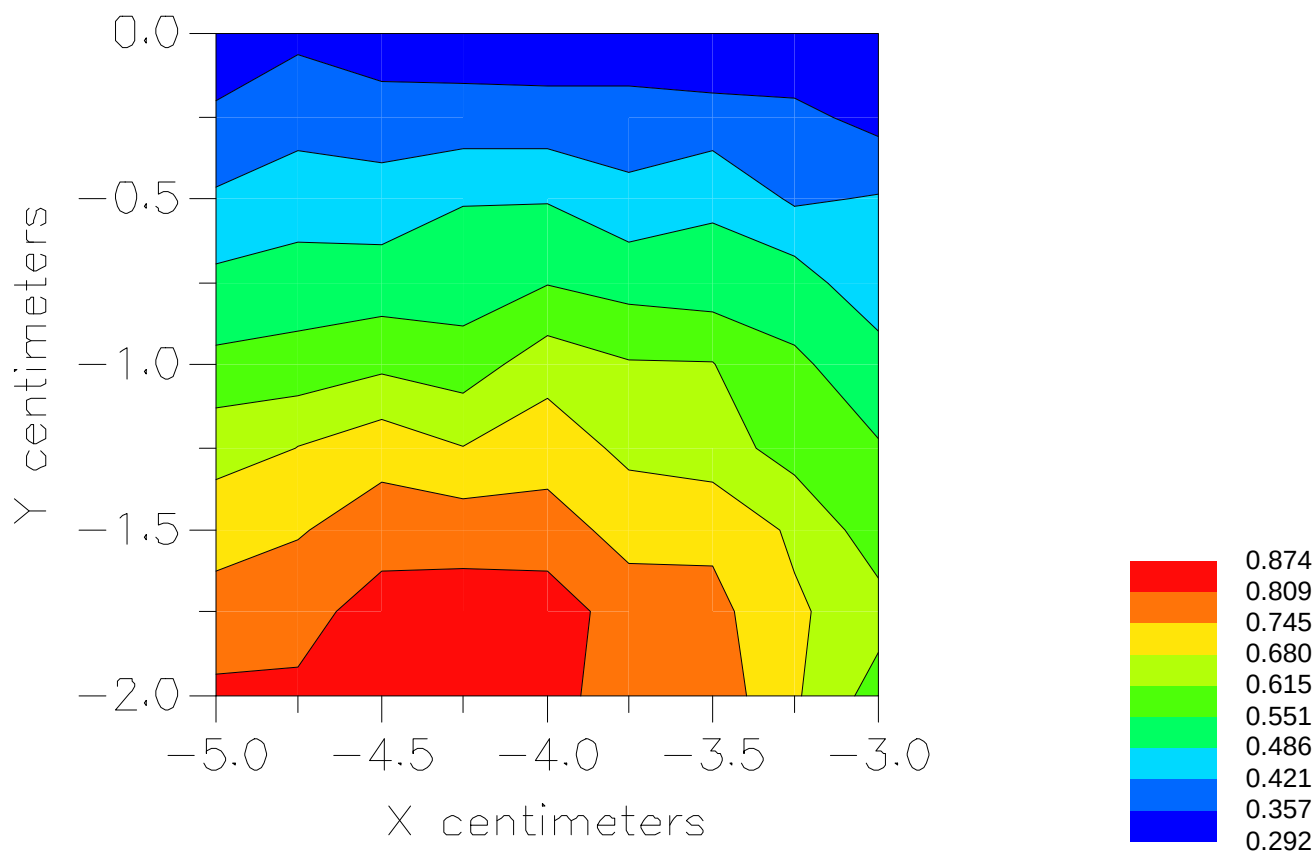
Start : 11-Jul-100 11:01:22 am End : 11-Jul-100 11:11:25 am

SAMSUNG/A3LSPHN200/000002;1880.00MHz;W;Helical/Out;

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



File : 00071108_ZOOM
Start : 11-Jul-100 11:01:22 am End : 11-Jul-100 11:11:25 am
SAMSUNG/A3LSPHN200/000002;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/00071111_ZOOM.VLT
Start : 11-Jul-100 12:09:40 pm End : 11-Jul-100 12:21:28 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 DUAL BAND PHONE PCS MODE
CHAN 1175 25.5 dBm conducted
SAMSUNG DUAL BAND PHONE Body SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.378

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -1.000, Y = 0.000, Z = 0.000 (cm) Value = 5.209

Measured Values (volts) =
4.834E-003 3.639E-003 2.594E-003 2.024E-003 1.690E-003 1.353E-003
1.055E-003 7.878E-004 6.328E-004 5.033E-004 4.149E-004 3.003E-004
1.897E-004 1.483E-004 1.155E-004 1.274E-004 2.675E-005 4.935E-007
8.720E-005 3.604E-005 5.705E-005

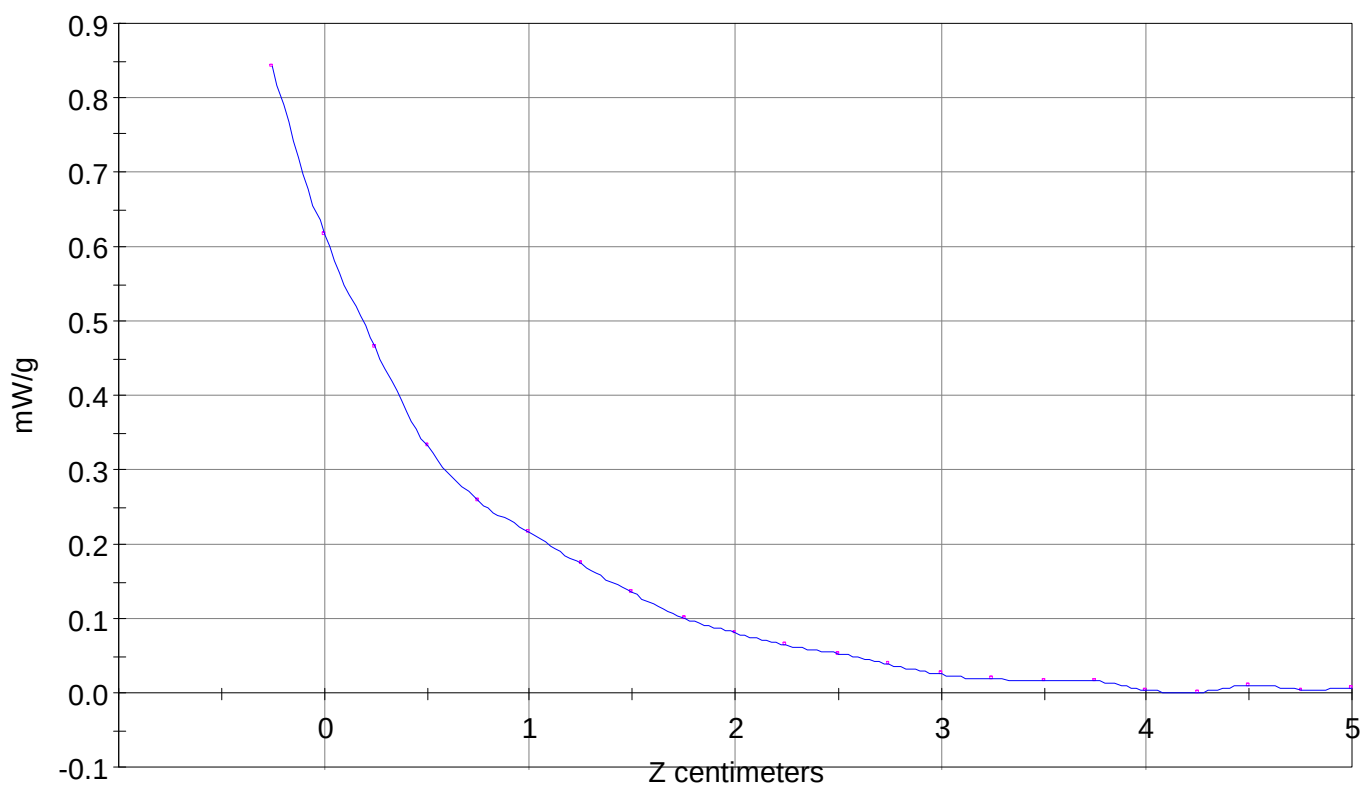
Calc. Voltage @ Surface (Vs) = 0.0066

Voltage @ 1.00 cm (Vt) = 0.0020

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

Ave. SAR over 1 g (mW/g) = 0.5503

SAR Scan
File : 00071111_ZOOM
Start : 11-Jul-100 12:09:40 pm End : 11-Jul-100 12:21:28 pm
SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

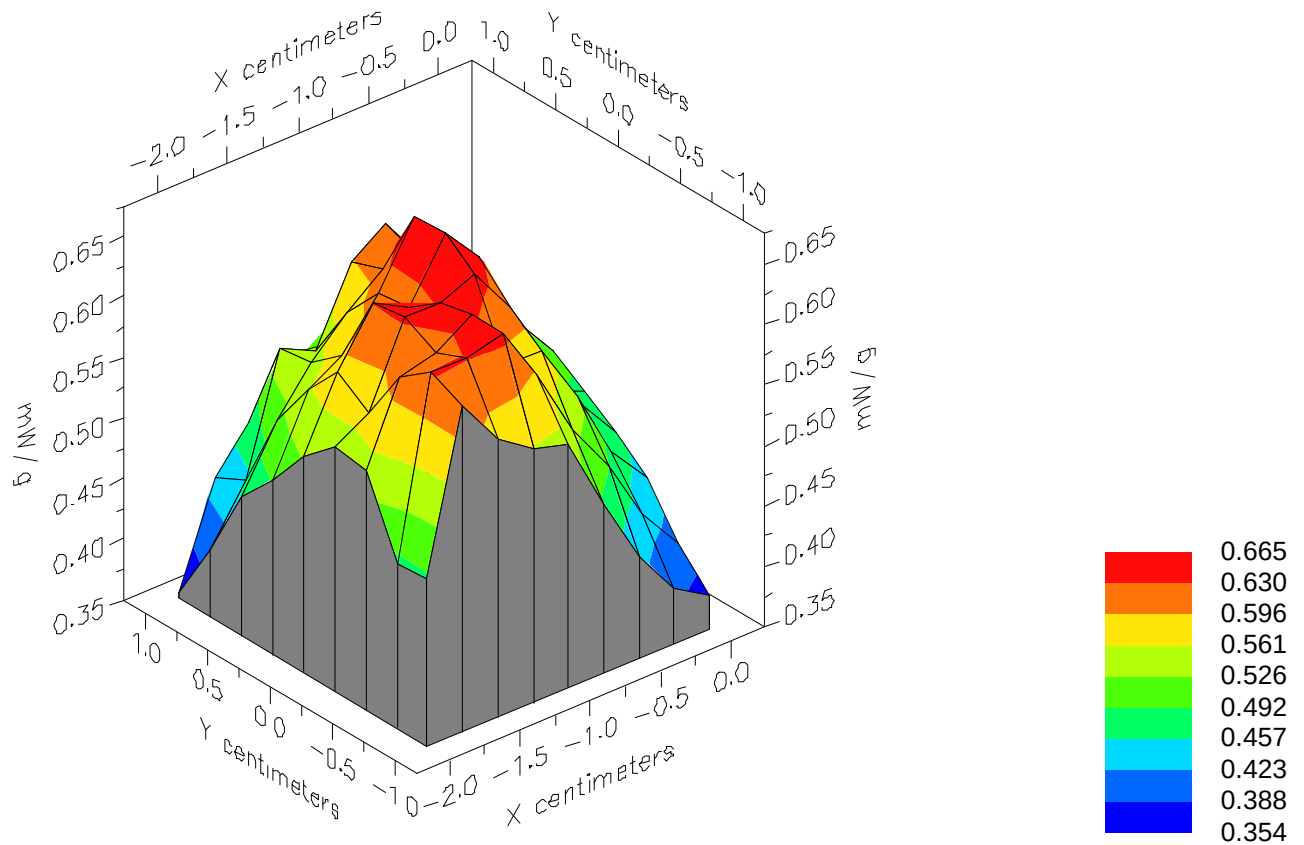


File : 00071111_ZOOM

Start : 11-Jul-100 12:09:40 pm End : 11-Jul-100 12:21:28 pm

SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/In;

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

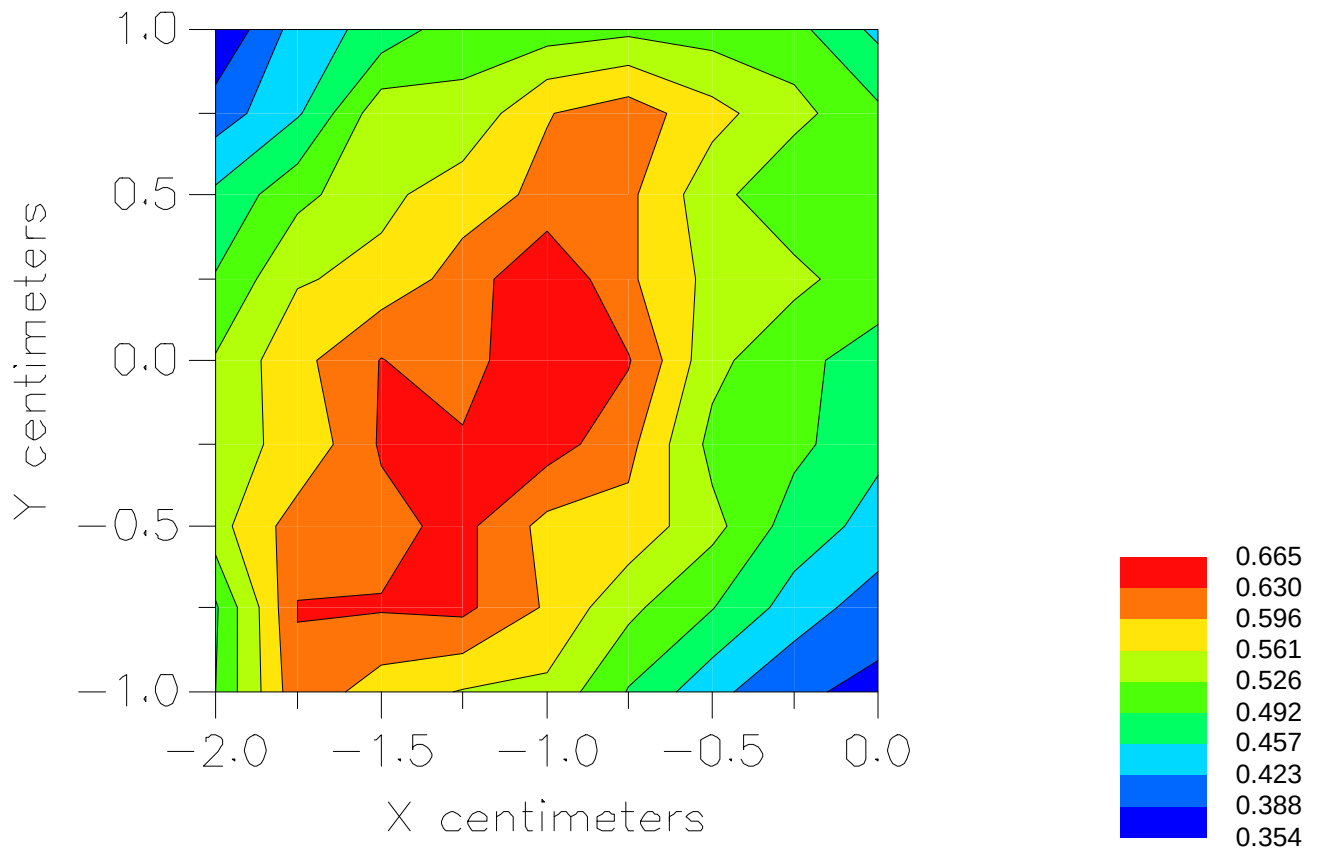


File : 00071111_ZOOM

Start : 11-Jul-100 12:09:40 pm End : 11-Jul-100 12:21:28 pm

SAMSUNG/A3LSPHN200/000002;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/00071112_ZOOM.VLT
Start : 11-Jul-100 12:36:16 pm End : 11-Jul-100 12:46:32 pm

Radio Type : SAMSUNG
Model Number : A3LSPHN200
Serial Number : 000002
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.360 W
Start Trans. Pwr: 0.360 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 DUAL BAND PHONE PCS MODE
CHAN 1175 25.5 dBm conducted
SAMSUNG DUAL BAND 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 = -4.250, Y = -2.250, Z = 0.000 (cm) Value = 3.962

Measured Values (volts) =
3.623E-003 2.750E-003 1.934E-003 1.661E-003 1.412E-003 1.125E-003
7.870E-004 5.586E-004 5.750E-004 5.362E-004 3.091E-004 1.556E-004
1.191E-004 2.963E-004 3.425E-004 2.512E-004 1.776E-005 4.634E-005
0.000E+000 4.300E-006 2.937E-005

Calc. Voltage @ Surface (Vs) = 0.0050

Voltage @ 1.00 cm (Vt) = 0.0017

Ave. Voltage (Vs+Vt)/2 = 0.0033

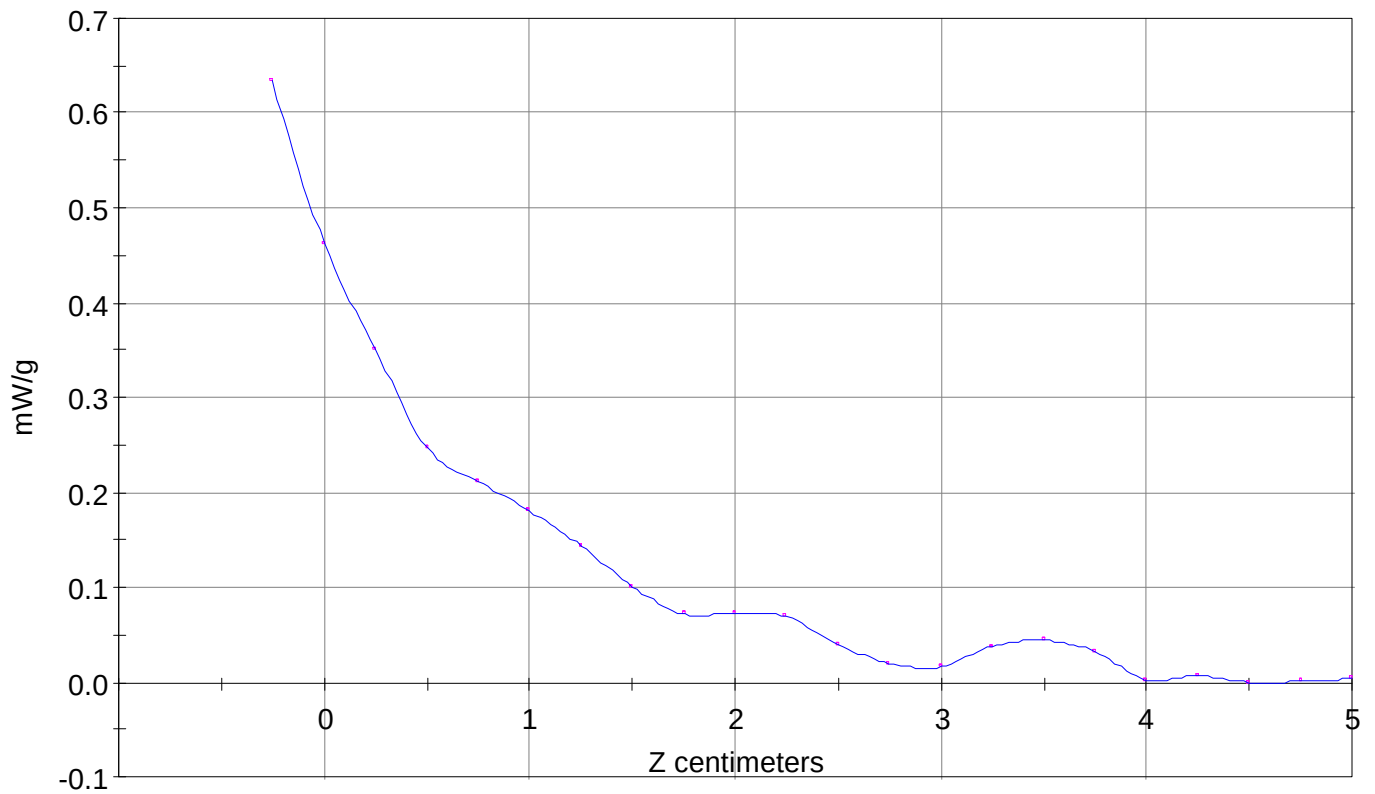
Ave. SAR over 1 g (mW/g) = 0.4225

SAR Scan

File : 00071112_ZOOM

Start : 11-Jul-100 12:36:16 pm End : 11-Jul-100 12:46:32 pm

SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

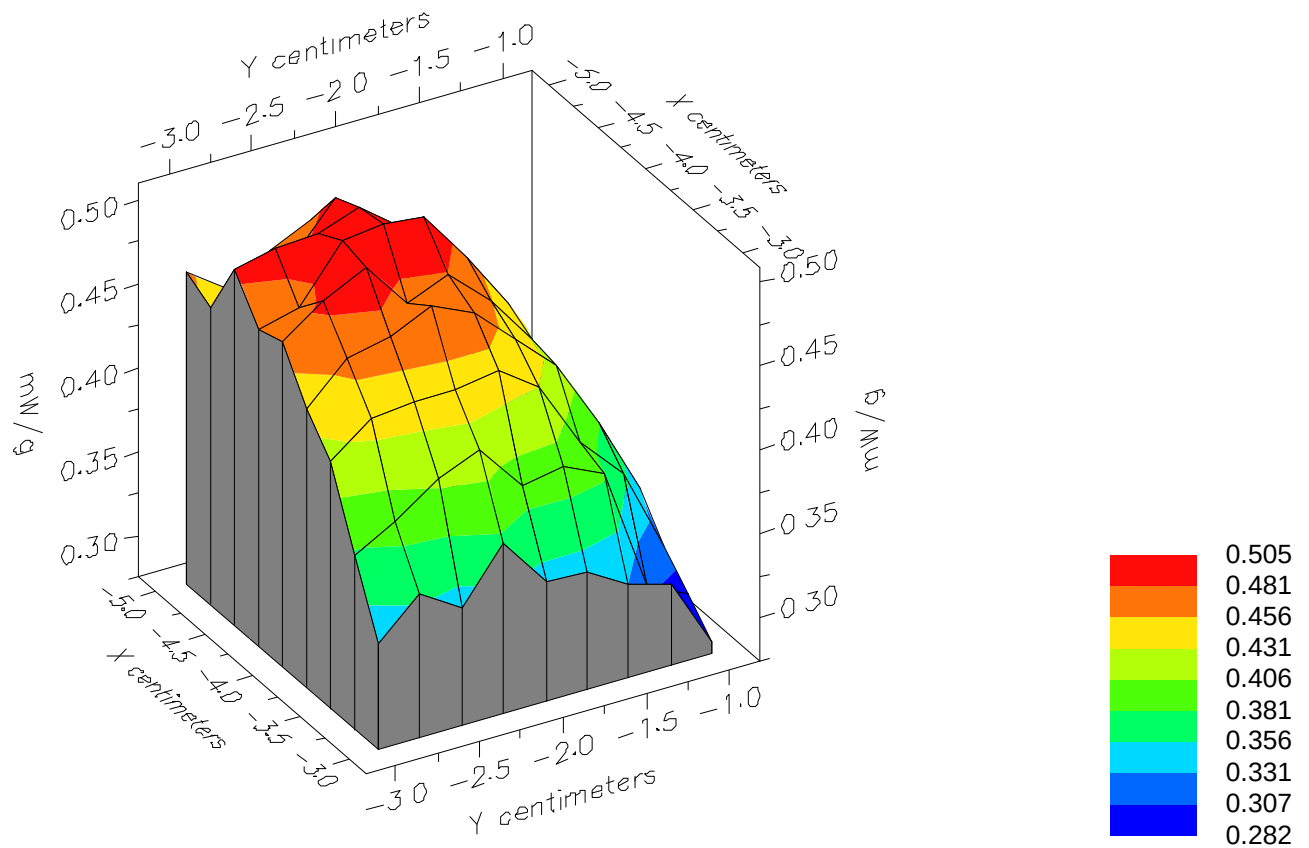


File : 00071112_ZOOM

Start : 11-Jul-100 12:36:16 pm End : 11-Jul-100 12:46:32 pm

SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/Out;

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



File : 00071112_ZOOM

Start : 11-Jul-100 12:36:16 pm End : 11-Jul-100 12:46:32 pm

SAMSUNG/A3LSPHN200/000002;1908.75MHz;W;Helical/Out;

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

