

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02012403_ZOOM.VLT
Start : 24-Jan-102 10:53:03 am End : 24-Jan-102 11:02:56 am

Radio Type : SAMSUNG
Model Number : SCH-I300
Serial Number : 1
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr : 0.450 W
Antenna Type : Helical
Antenna Posn. : 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 PDA PHONE - AMPS MODE
CH 0991 Conducted 26.5 dBm
SAMSUNG TRI-MODE PDA PHONE

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.325

PCTEST Amplifier Channel Settings : 0.239 0.278 0.294

Max Location : X = -1.500, Y = -1.000, Z = 0.000 (cm) Value = 58.852

Measured Values (volts) =
4.813E-002 3.496E-002 2.596E-002 2.010E-002 1.608E-002 1.287E-002
9.694E-003 8.043E-003 6.332E-003 5.194E-003 3.852E-003 3.168E-003
2.318E-003 1.936E-003 1.576E-003 1.350E-003 1.036E-003 7.587E-004
5.934E-004 3.712E-004 2.499E-004

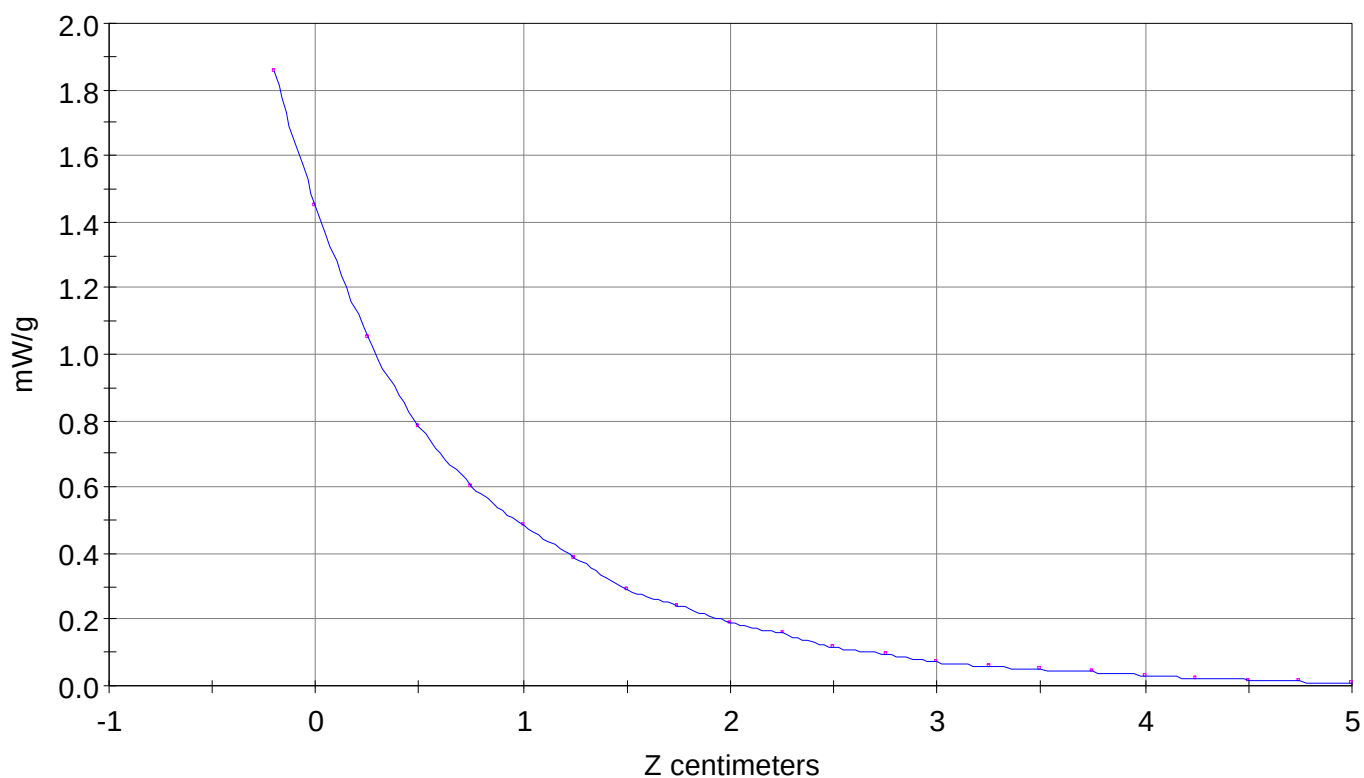
Calc. Voltage @ Surface (Vs) = 0.0616

Voltage @ 1.00 cm (Vt) = 0.0193

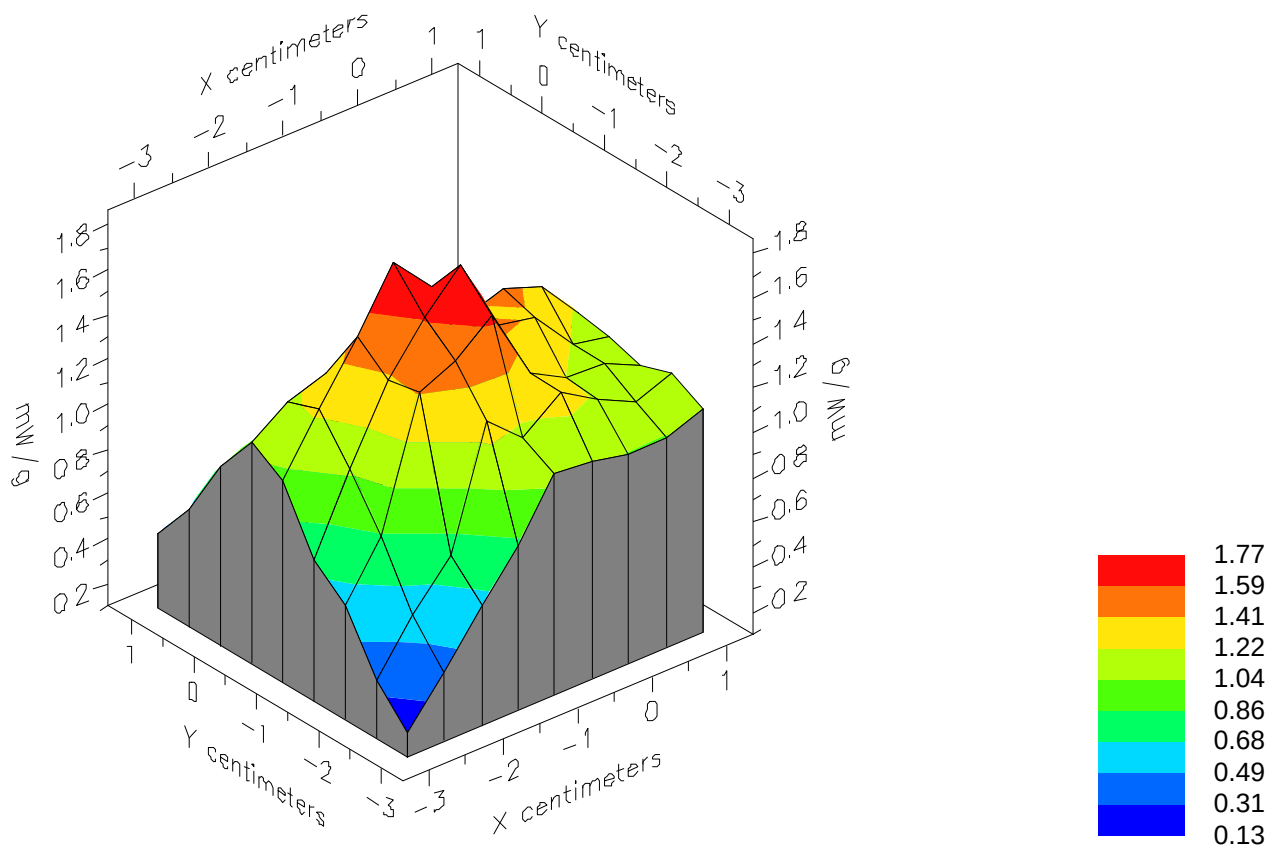
Ave. Voltage (Vs+Vt)/2 = 0.0405

Ave. SAR over 1 g (mW/g) = 1.2174

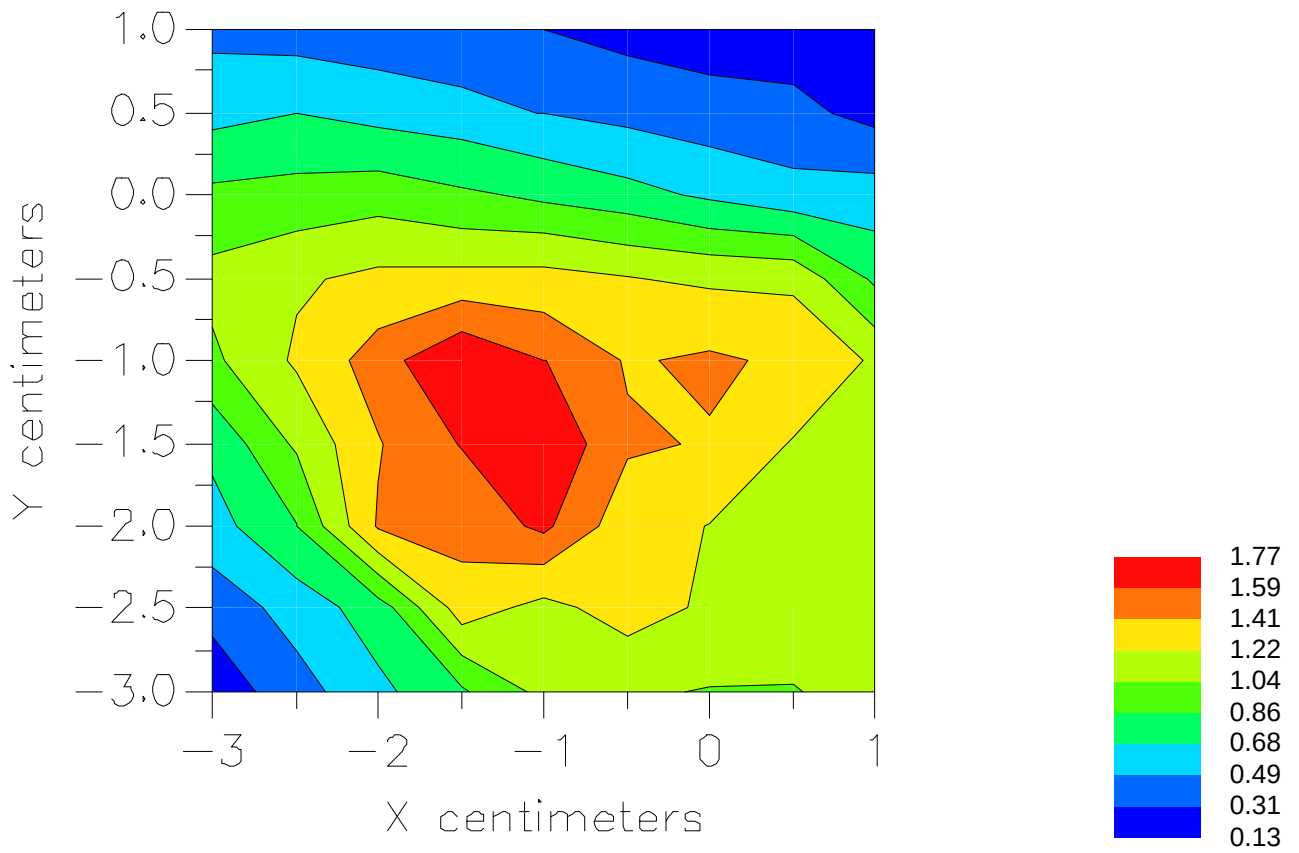
SAR Scan
File : 02012403_ZOOM
Start : 24-Jan-102 10:53:03 am End : 24-Jan-102 11:02:56 am
SAMSUNG/SCH-I300/1;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 02012403_ZOOM
Start : 24-Jan-102 10:53:03 am End : 24-Jan-102 11:02:56 am
SAMSUNG/SCH-I300/1;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 02012403_ZOOM
Start : 24-Jan-102 10:53:03 am End : 24-Jan-102 11:02:56 am
SAMSUNG/SCH-I300/1;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02012406_ZOOM.VLT
Start : 24-Jan-102 11:30:27 am End : 24-Jan-102 11:40:20 am

Radio Type : SAMSUNG
Model Number : SCH-I300
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 39.900
Mixture Conductivity = 1.420

Comment :
SAMSUNG TRI-MODE PDA PHONE - PCS MODE
CH 0025 Conducted 23.0 dBm
SAMSUNG TRI-MODE PDA PHONE

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.550

PCTEST Amplifier Channel Settings : 0.309 0.361 0.421

Max Location : X = -1.500, Y = -1.000, Z = 0.000 (cm) Value = 36.586

Measured Values (volts) =
3.190E-002 1.843E-002 1.086E-002 6.666E-003 3.609E-003 2.281E-003
1.032E-003 8.202E-004 3.481E-004 2.966E-004 3.298E-004 3.596E-004
3.079E-004 3.163E-004 2.444E-004 2.917E-004 1.824E-004 1.926E-004
1.796E-004 1.589E-004 2.371E-004

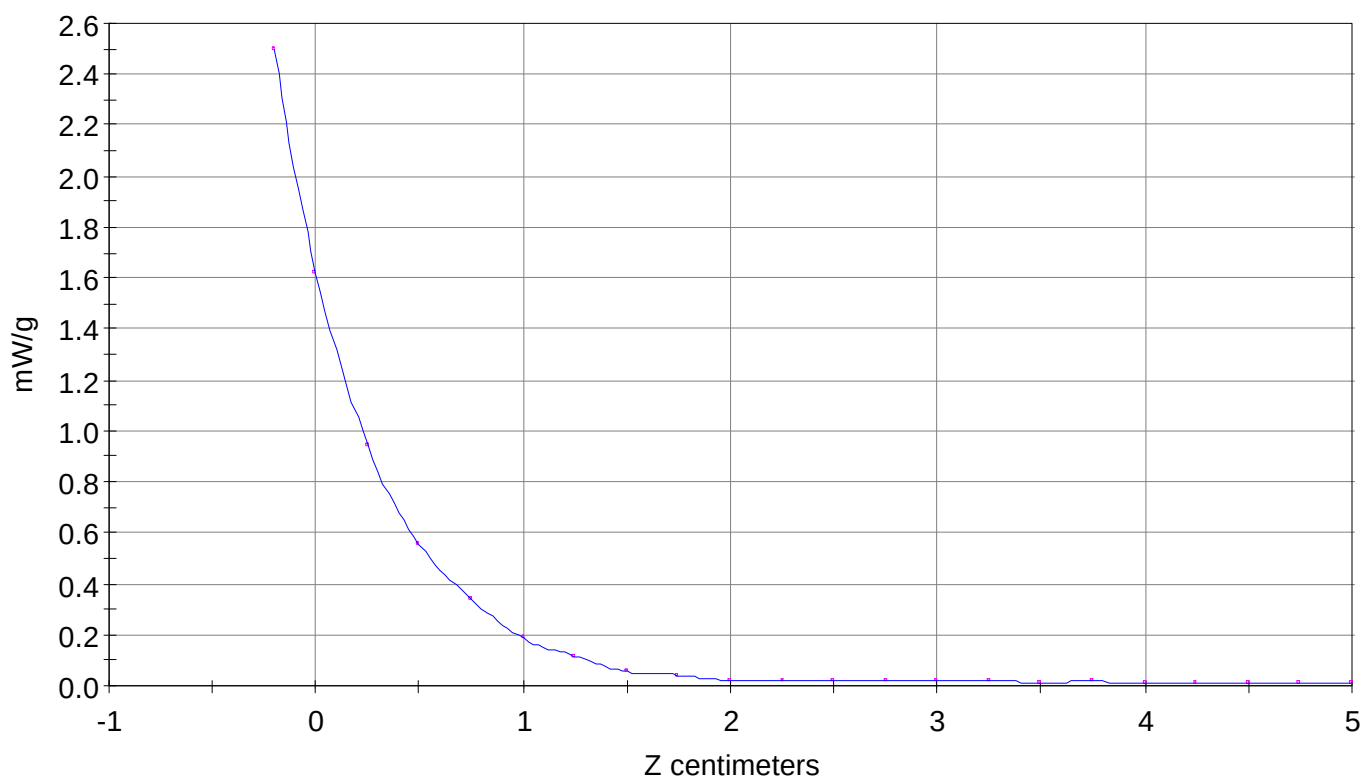
Calc. Voltage @ Surface (Vs) = 0.0491

Voltage @ 1.00 cm (Vt) = 0.0061

Ave. Voltage (Vs+Vt)/2 = 0.0276

Ave. SAR over 1 g (mW/g) = 1.4041

SAR Scan
File : 02012406_ZOOM
Start : 24-Jan-102 11:30:27 am End : 24-Jan-102 11:40:20 am
SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/39.900/1.420

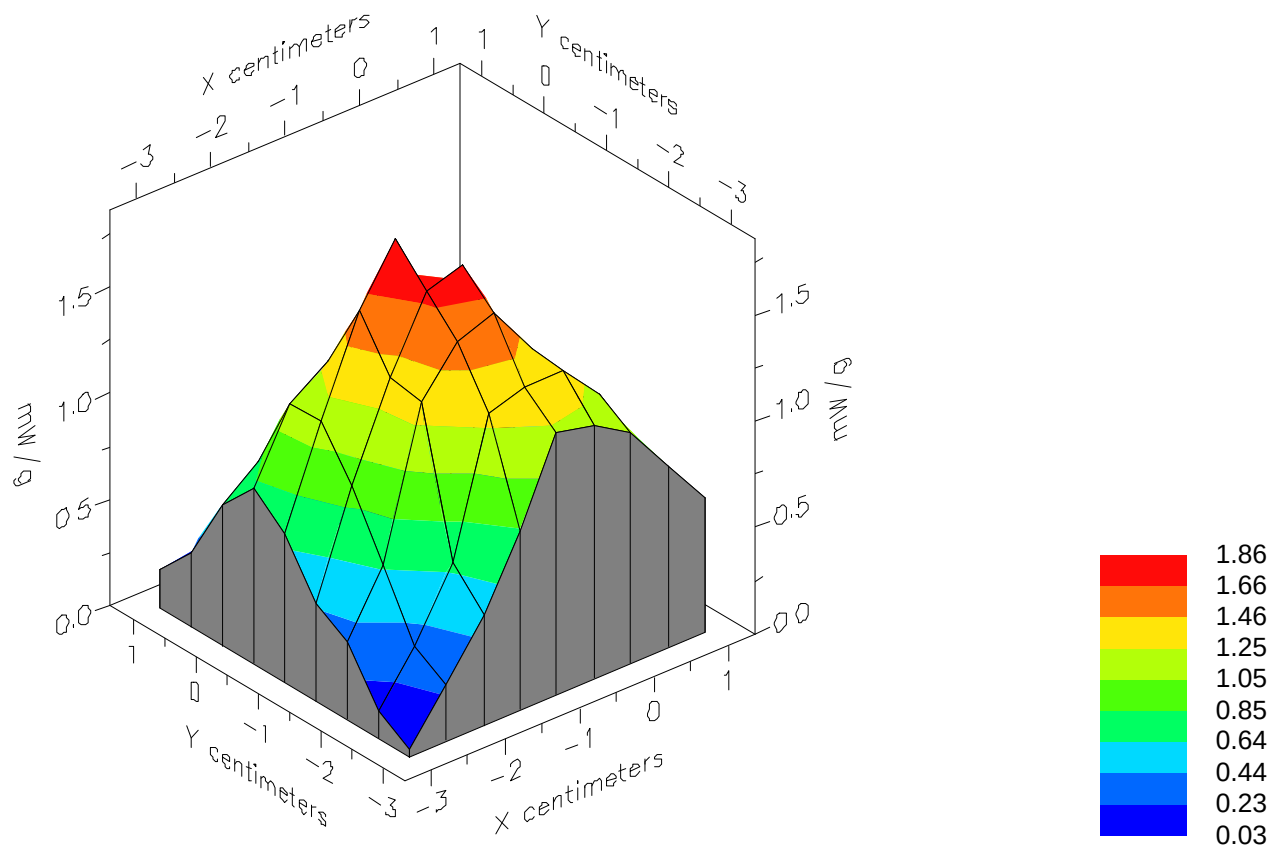


File : 02012406_ZOOM

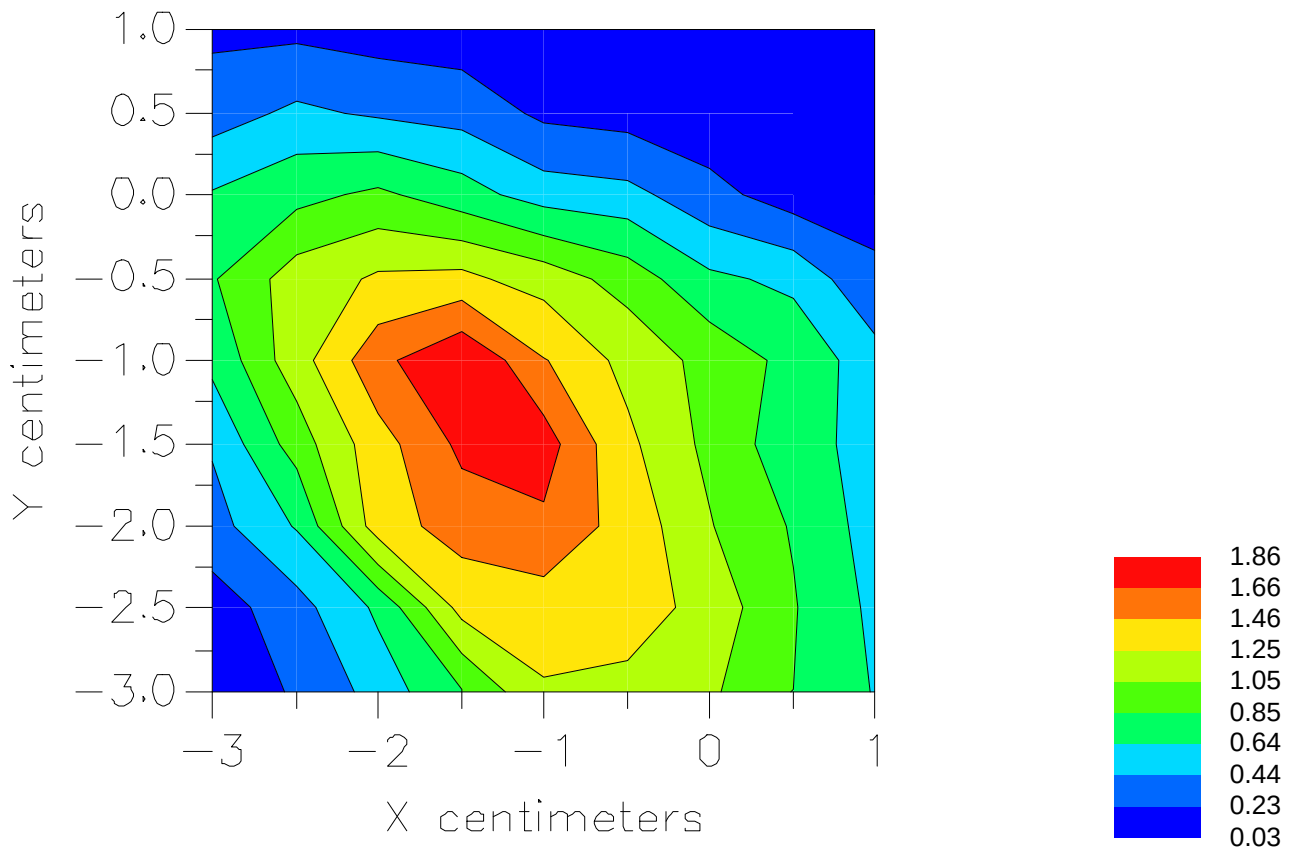
Start : 24-Jan-102 11:30:27 am End : 24-Jan-102 11:40:20 am

SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/39.900/1.420



File : 02012406_ZOOM
Start : 24-Jan-102 11:30:27 am End : 24-Jan-102 11:40:20 am
SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/39.900/1.420



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02012412_ZOOM.VLT
Start : 24-Jan-102 02:09:55 pm End : 24-Jan-102 02:20:00 pm

Radio Type : SAMSUNG
Model Number : SCH-I300
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.450 W
Start Trans. Pwr: 0.450 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 56.100
Mixture Conductivity = 0.950

Comment :
SAMSUNG TRI-MODE PDA PHONE - AMPS MODE
CH 0991 Conducted 26.5 dBm
SAMSUNG TRI-MODE PDA PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.423

PCTEST Amplifier Channel Settings : 0.239 0.278 0.294

Max Location : X = 3.500, Y = -2.000, Z = 0.000 (cm) Value = 28.641

Measured Values (volts) =
2.817E-002 2.174E-002 1.866E-002 1.659E-002 1.436E-002 1.316E-002
1.151E-002 1.014E-002 9.039E-003 7.804E-003 7.080E-003 6.272E-003
5.352E-003 4.945E-003 4.225E-003 3.709E-003 3.242E-003 2.737E-003
2.364E-003 2.013E-003 1.585E-003

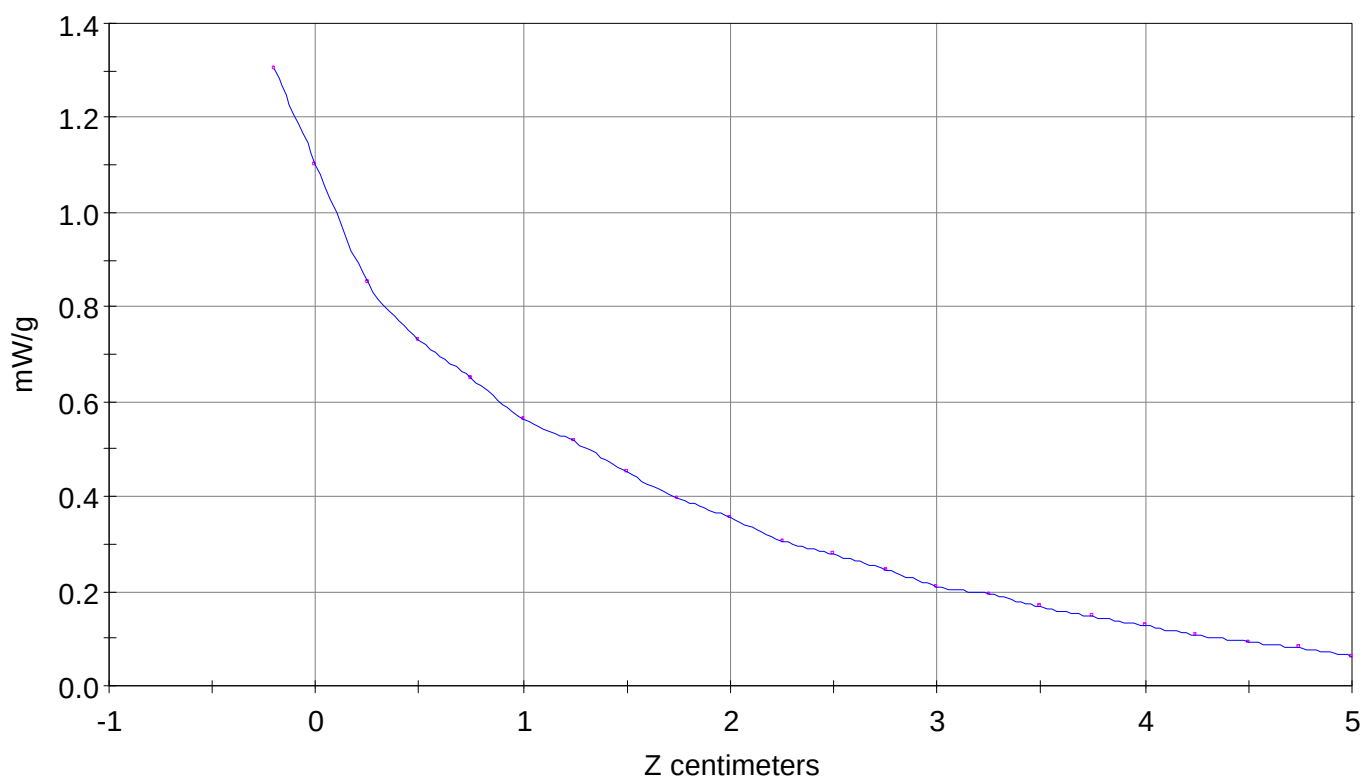
Calc. Voltage @ Surface (Vs) = 0.0332

Voltage @ 1.00 cm (Vt) = 0.0161

Ave. Voltage (Vs+Vt)/2 = 0.0247

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

SAR Scan
File : 02012412_ZOOM
Start : 24-Jan-102 02:09:55 pm End : 24-Jan-102 02:20:00 pm
SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

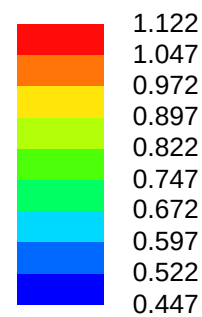
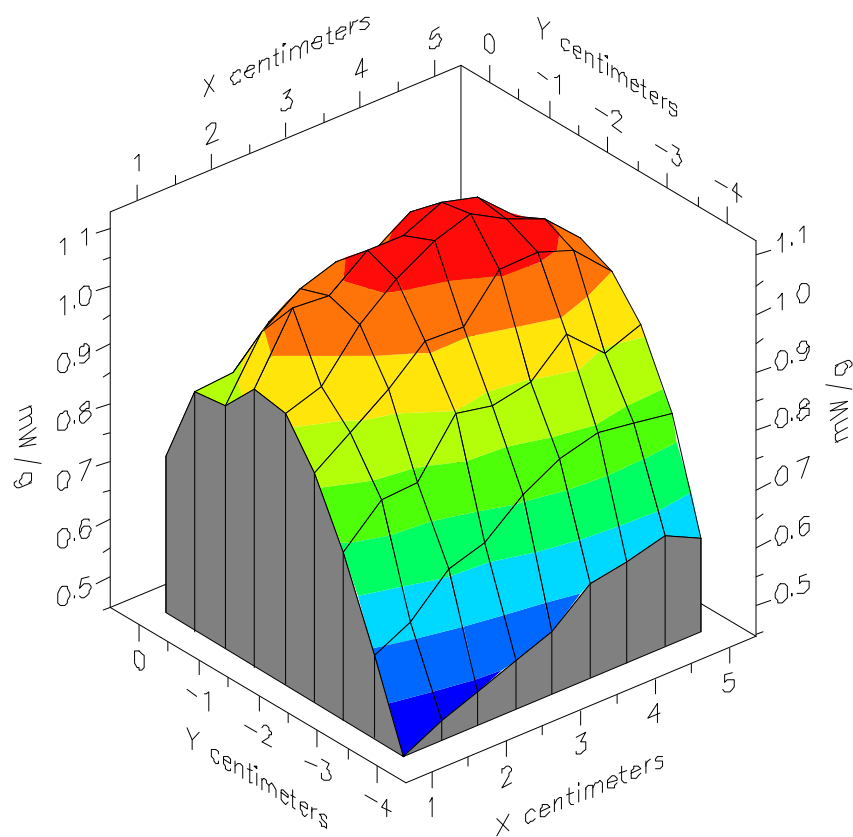


File : 02012412_ZOOM

Start : 24-Jan-102 02:09:55 pm End : 24-Jan-102 02:20:00 pm

SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

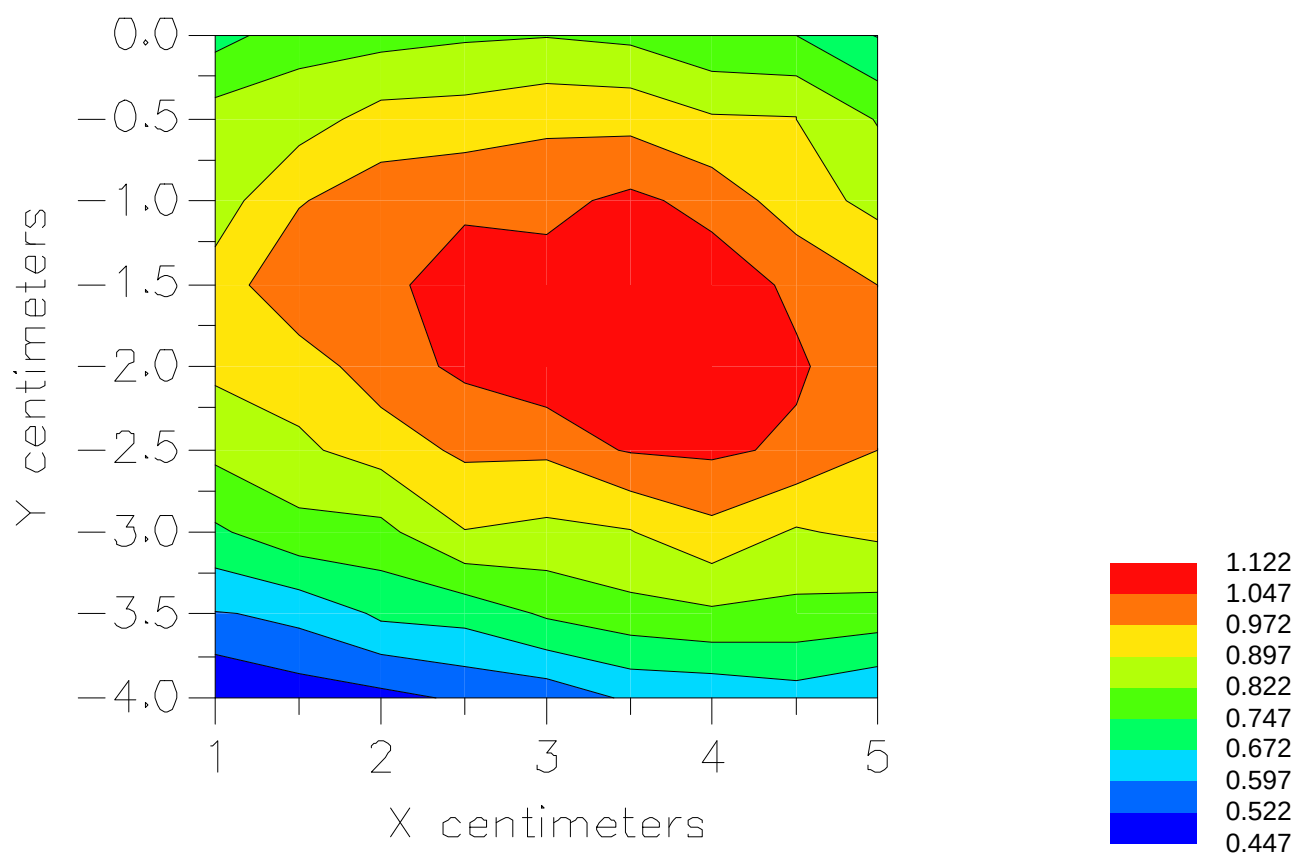


File : 02012412_ZOOM

Start : 24-Jan-102 02:09:55 pm End : 24-Jan-102 02:20:00 pm

SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02012414_ZOOM.VLT
Start : 24-Jan-102 04:15:44 pm End : 24-Jan-102 04:31:08 pm

Radio Type : SAMSUNG
Model Number : SCH-I300
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.450

Comment :
SAMSUNG TRI-MODE PDA PHONE - PCS MODE
CH 0025 Conducted 23.0 dBm
SAMSUNG TRI-MODE PDA PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.496

PCTEST Amplifier Channel Settings : 0.309 0.361 0.421

Max Location : X = 0.000, Y = -2.000, Z = 0.000 (cm) Value = 13.090

Measured Values (volts) =
1.213E-002 7.386E-003 5.261E-003 3.878E-003 3.025E-003 2.379E-003
1.933E-003 1.576E-003 1.294E-003 1.076E-003 9.304E-004 7.813E-004
5.479E-004 6.150E-004 4.763E-004 4.554E-004 2.225E-004 3.221E-004
3.140E-004 2.294E-004 2.789E-004

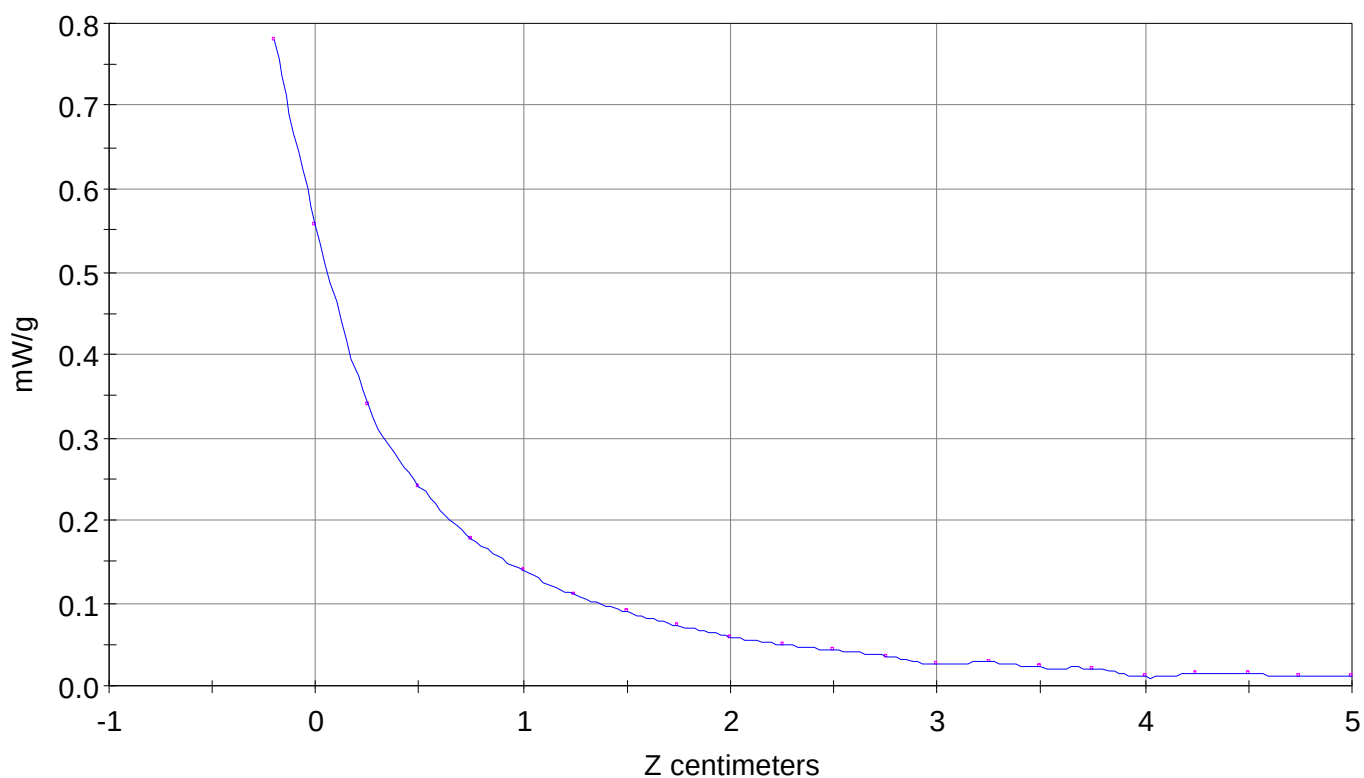
Calc. Voltage @ Surface (Vs) = 0.0170

Voltage @ 1.00 cm (Vt) = 0.0037

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

Ave. SAR over 1 g (mW/g) = 0.4751

SAR Scan
File : 02012414_ZOOM
Start : 24-Jan-102 04:15:44 pm End : 24-Jan-102 04:31:08 pm
SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

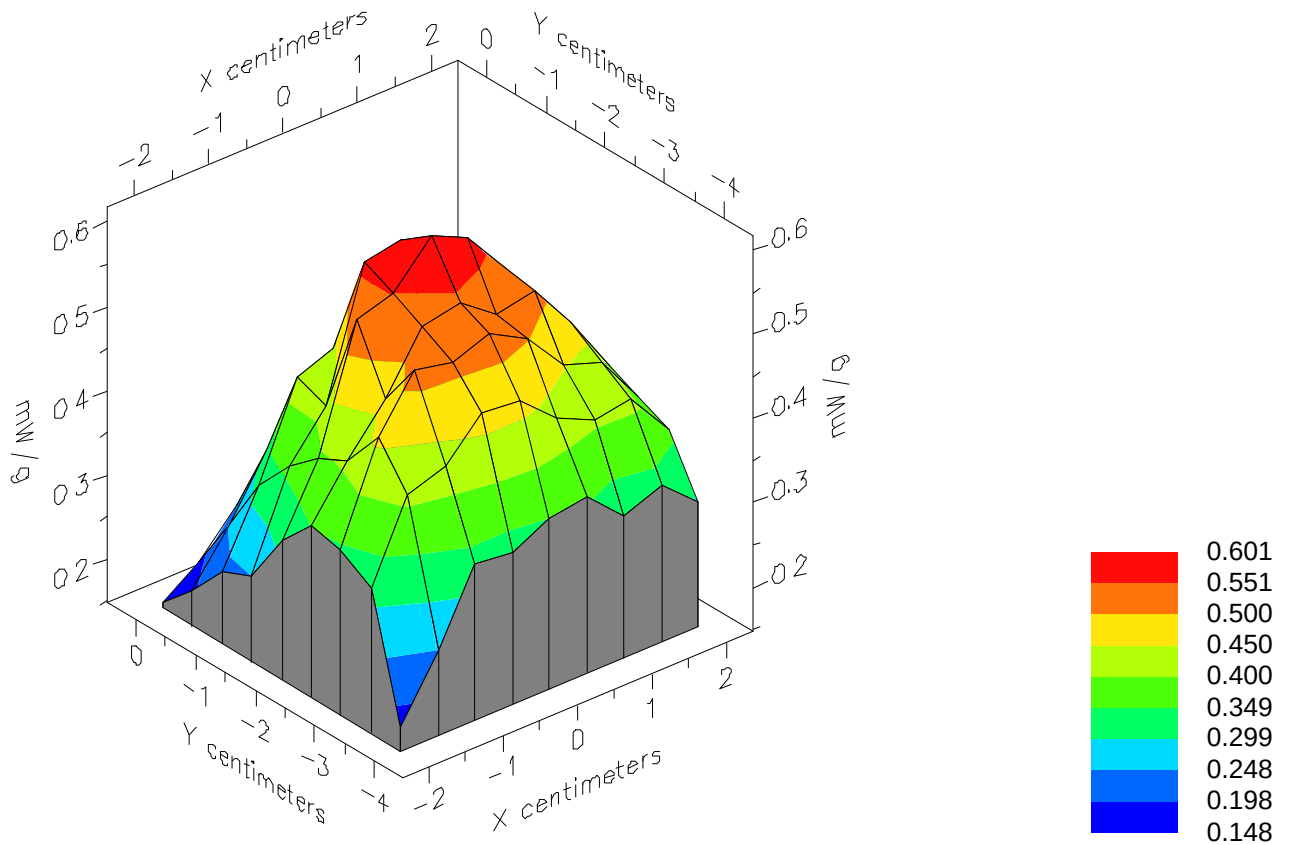


File : 02012414_ZOOM

Start : 24-Jan-102 04:15:44 pm End : 24-Jan-102 04:31:08 pm

SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : 02012414_ZOOM

Start : 24-Jan-102 04:15:44 pm End : 24-Jan-102 04:31:08 pm

SAMSUNG/SCH-I300/1;1851.25MHz;W;Helical/In;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

