

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01092419\_ZOOM.VLT  
Start : 24-Sep-101 05:46:02 pm End : 24-Sep-101 05:55:28 pm

Radio Type : SAMSUNG  
Model Number : SPH-N300  
Serial Number : 33  
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  
CH 991 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 = -3.750, Z = 0.000 (cm) Value = 17.439

Measured Values (volts) =  
1.752E-002 1.474E-002 1.245E-002 1.085E-002 9.093E-003 7.739E-003  
6.424E-003 5.459E-003 4.636E-003 4.180E-003 3.771E-003 3.591E-003  
3.386E-003 3.105E-003 2.781E-003 2.329E-003 1.862E-003 1.319E-003  
9.291E-004 6.553E-004 5.694E-004

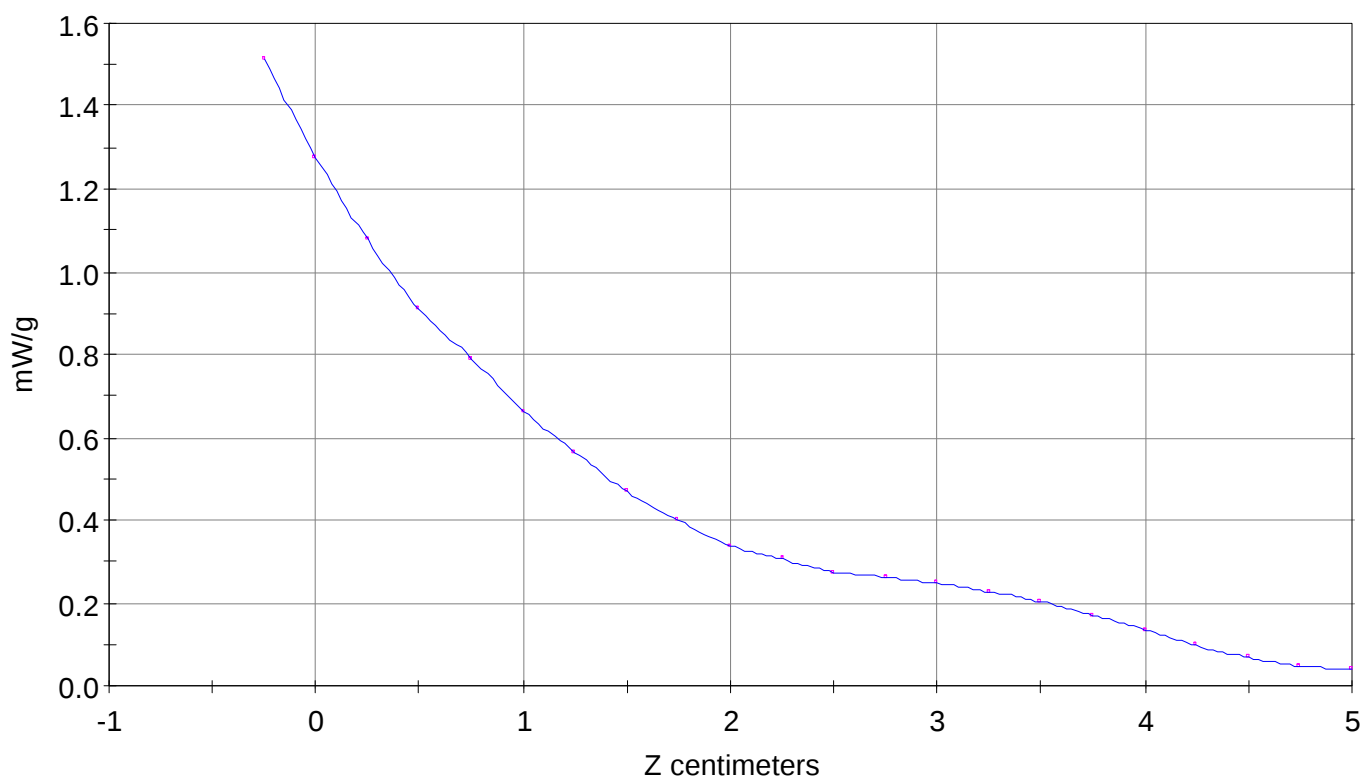
Calc. Voltage @ Surface (Vs) = 0.0208

Voltage @ 1.00 cm (Vt) = 0.0108

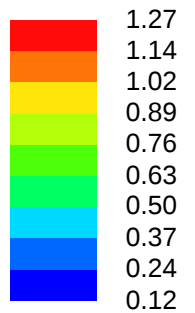
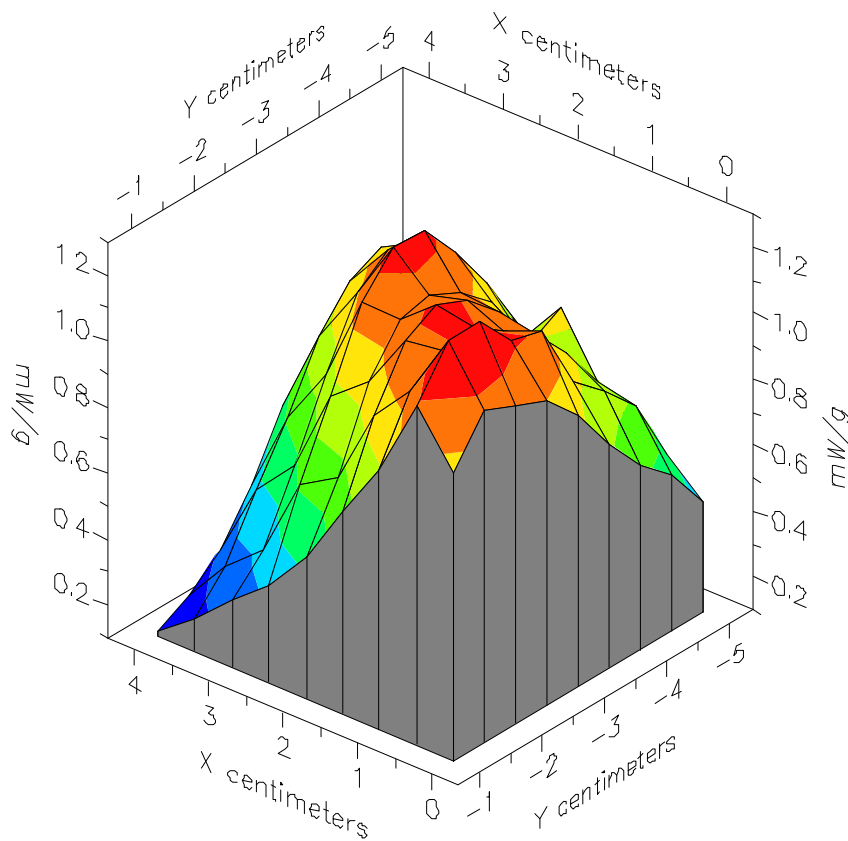
Ave. Voltage (Vs+Vt)/2 = 0.0158

Ave. SAR over 1 g (mW/g) = 1.1536

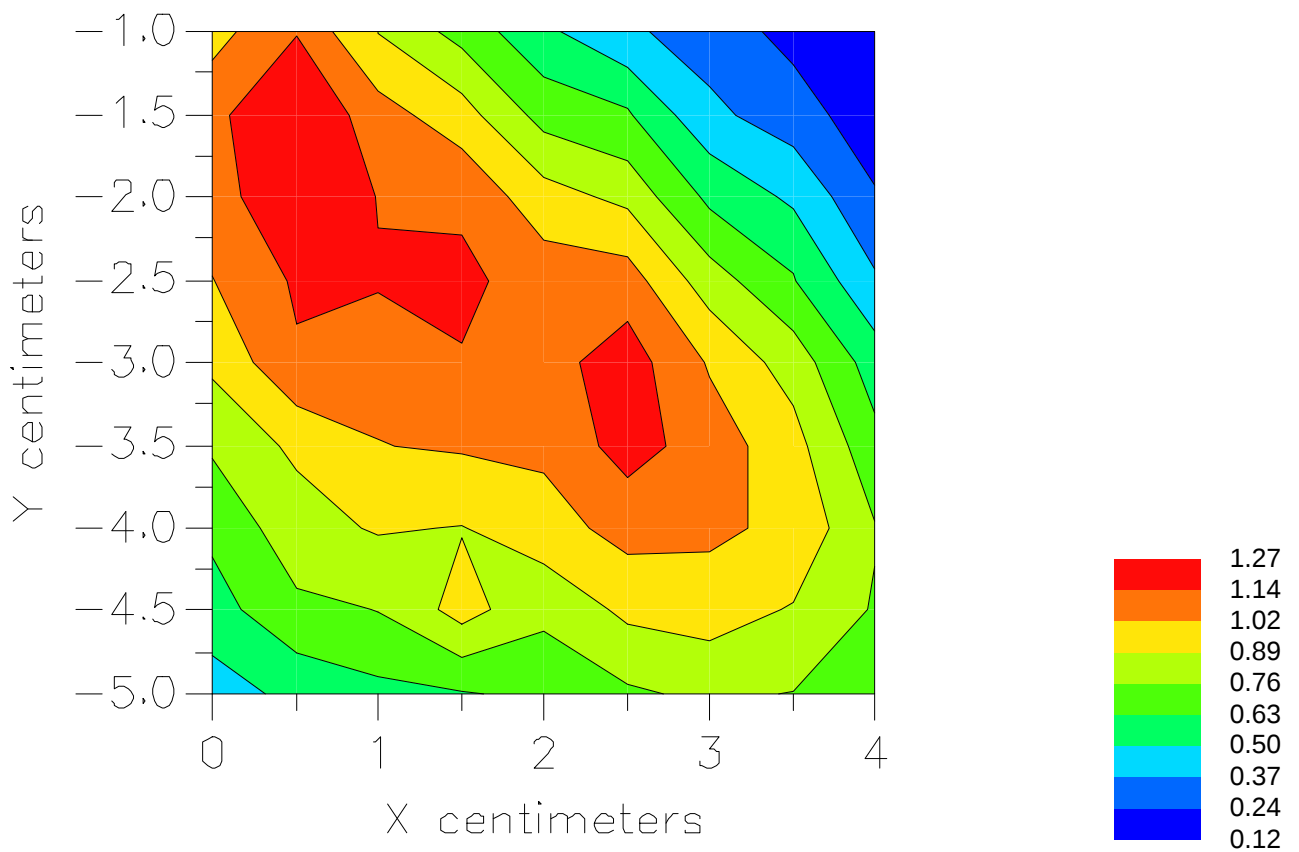
SAR Scan  
File : 01092419\_ZOOM  
Start : 24-Sep-101 05:46:02 pm End : 24-Sep-101 05:55:28 pm  
SAMSUNG/SPH-N300/33;824.04MHz;W;Helical/In;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01092419\_ZOOM  
Start : 24-Sep-101 05:46:02 pm End : 24-Sep-101 05:55:28 pm  
SAMSUNG/SPH-N300/33;824.04MHz;W;Helical/In;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01092419\_ZOOM  
Start : 24-Sep-101 05:46:02 pm End : 24-Sep-101 05:55:28 pm  
SAMSUNG/SPH-N300/33;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/01092507\_ZOOM.VLT  
Start : 25-Sep-101 12:48:18 pm End : 25-Sep-101 12:58:50 pm

Radio Type : SAMSUNG  
Model Number : SPH-N300  
Serial Number : 33  
Frequency : 1908.75 MHz  
Peak Trans. Pwr : 0.280 W  
Start Trans. Pwr: 0.280 W  
Antenna Type : Helical  
Antenna Posn. : Out  
Phantom Type : Head  
Phantom Posn. : Left Ear  
Scan Type : ZOOM/SAR  
Probe Name : PCTEST  
Field Type : E Field  
Orientation : 0 Degrees

Mixture Type = Brain  
Mixture Dielectric Constant = 40.400  
Mixture Conductivity = 1.620

Comment :  
SAMSUNG TRI-MODE PHONE - PCS MODE  
CH 1175 Conducted 24.5 dBm  
SAMSUNG TRI-MODE PHONE

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = 0.000, Y = -1.500, Z = 0.000 (cm) Value = 12.904

Measured Values (volts) =  
1.272E-002 1.016E-002 7.686E-003 5.923E-003 4.656E-003 3.768E-003  
3.201E-003 2.731E-003 2.335E-003 2.087E-003 1.967E-003 1.856E-003  
1.787E-003 1.753E-003 1.772E-003 1.731E-003 1.709E-003 1.784E-003  
1.788E-003 1.747E-003 1.738E-003

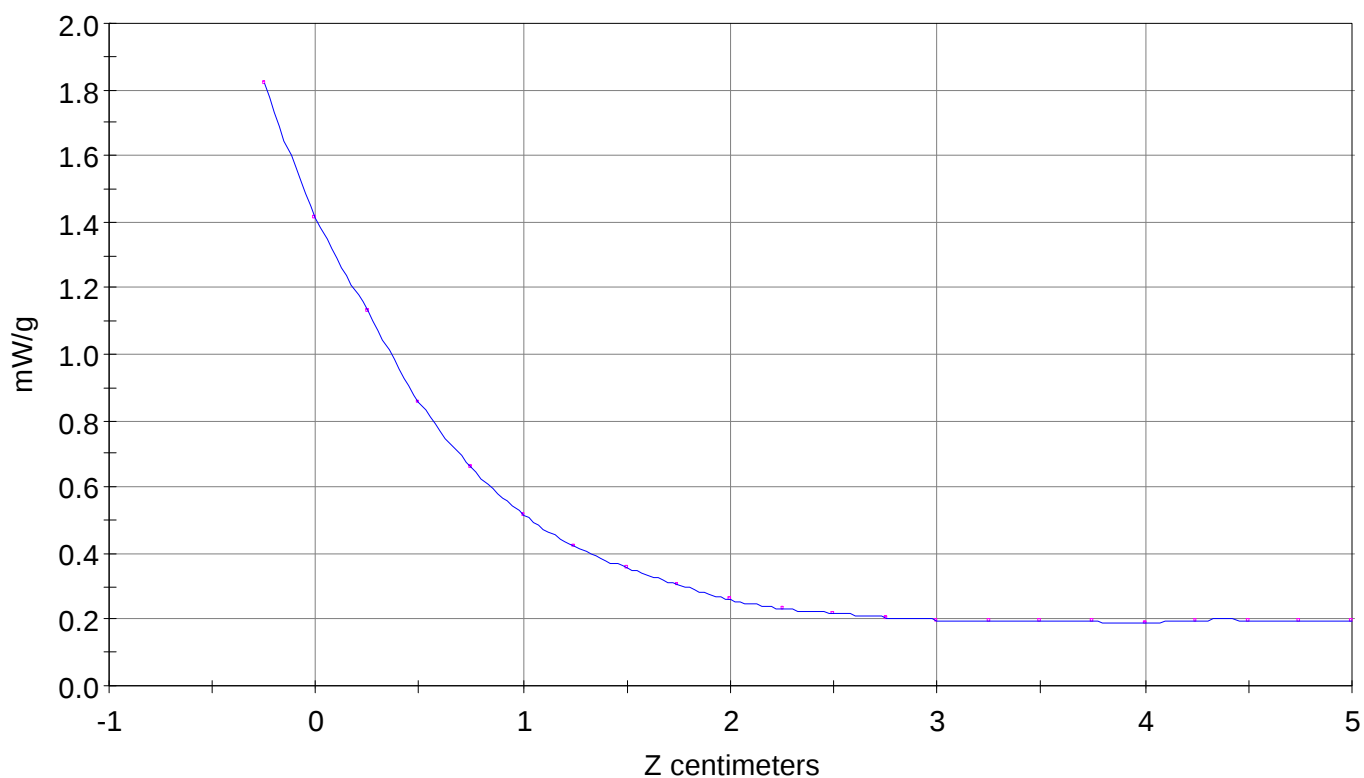
Calc. Voltage @ Surface (Vs) = 0.0164

Voltage @ 1.00 cm (Vt) = 0.0059

Ave. Voltage (Vs+Vt)/2 = 0.0111

Ave. SAR over 1 g (mW/g) = 1.2397

SAR Scan  
File : 01092507\_ZOOM  
Start : 25-Sep-101 12:48:18 pm End : 25-Sep-101 12:58:50 pm  
SAMSUNG/SPH-N300/33;1908.75MHz;W;Helical/Out;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620

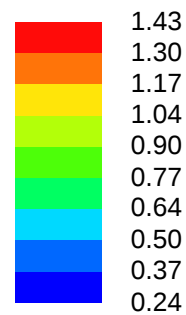
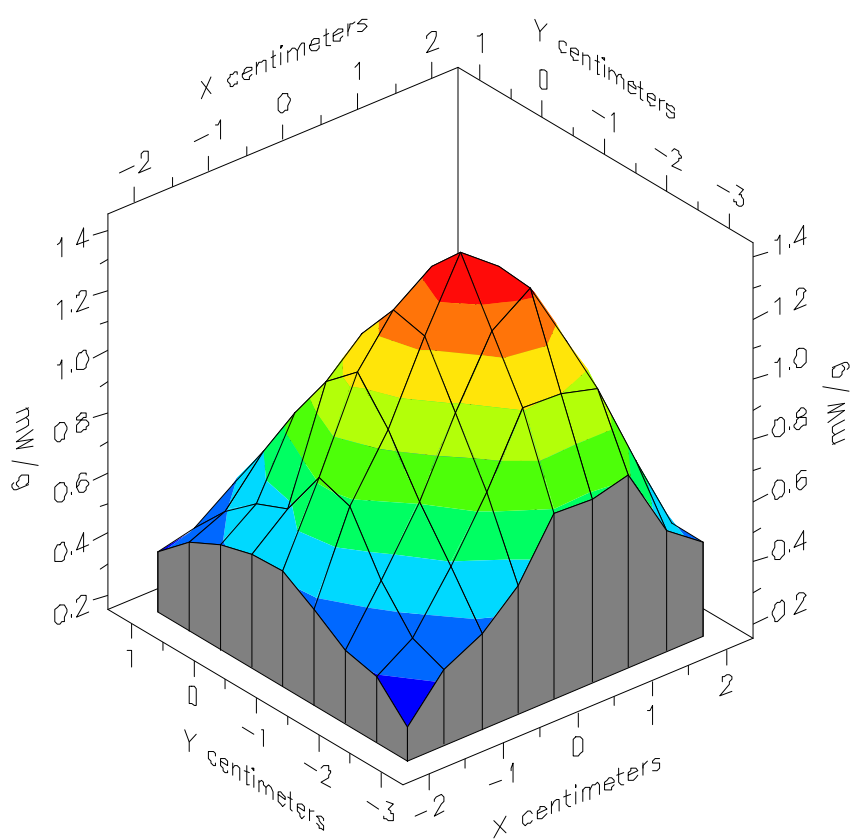


File : 01092507\_ZOOM

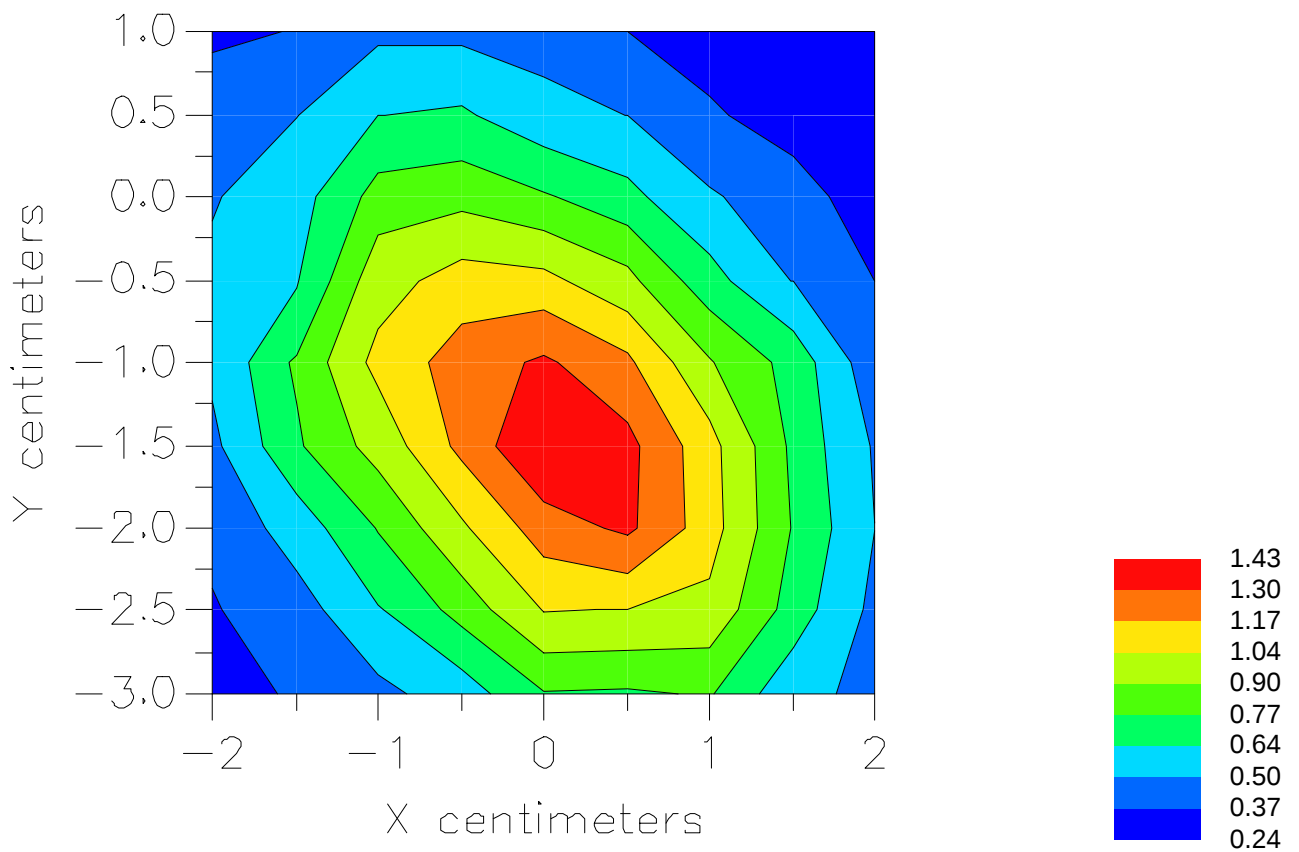
Start : 25-Sep-101 12:48:18 pm End : 25-Sep-101 12:58:50 pm

SAMSUNG/SPH-N300/33;1908.75MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : 01092507\_ZOOM  
Start : 25-Sep-101 12:48:18 pm End : 25-Sep-101 12:58:50 pm  
SAMSUNG/SPH-N300/33;1908.75MHz;W;Helical/Out;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01092520\_ZOOM.VLT  
Start : 25-Sep-101 3:08:17 pm End : 25-Sep-101 3:15:41 pm

Radio Type : SAMSUNG  
Model Number : SPH-N300  
Serial Number : 33  
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 = 56.100  
Mixture Conductivity = 0.950

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 = 0.000, Y = -1.000, Z = 0.000 (cm) Value = 16.269

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

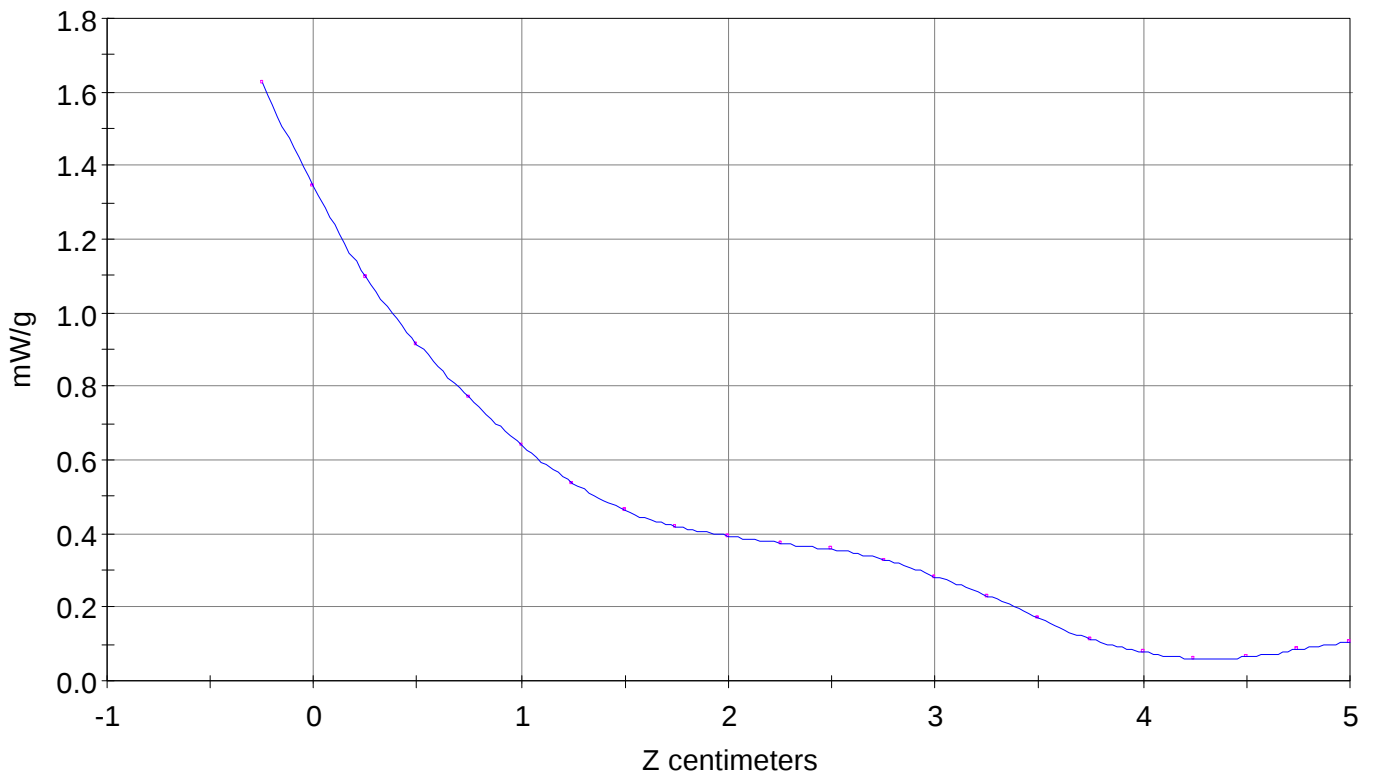
Calc. Voltage @ Surface (Vs) = 0.0196

Voltage @ 1.00 cm (Vt) = 0.0093

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

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

SAR Scan  
File : 01092520\_ZOOM  
Start : 25-Sep-101 3:08:17 pm End : 25-Sep-101 3:15:41 pm  
SAMSUNG/SPH-N300/33;824.04MHz;W;Helical/Out;  
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

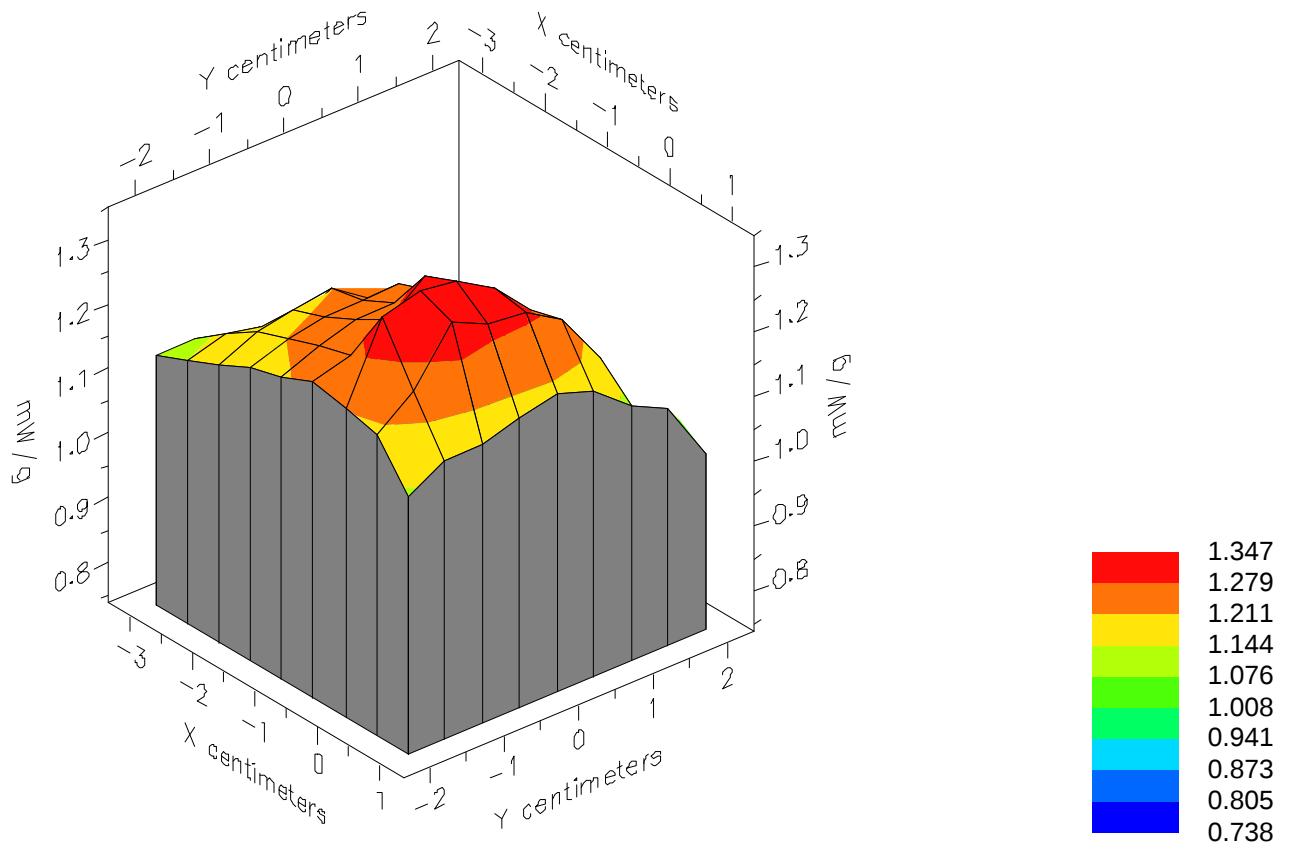


File : 01092520\_ZOOM

Start : 25-Sep-101 3:08:17 pm End : 25-Sep-101 3:15:41 pm

SAMSUNG/SPH-N300/33;824.04MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

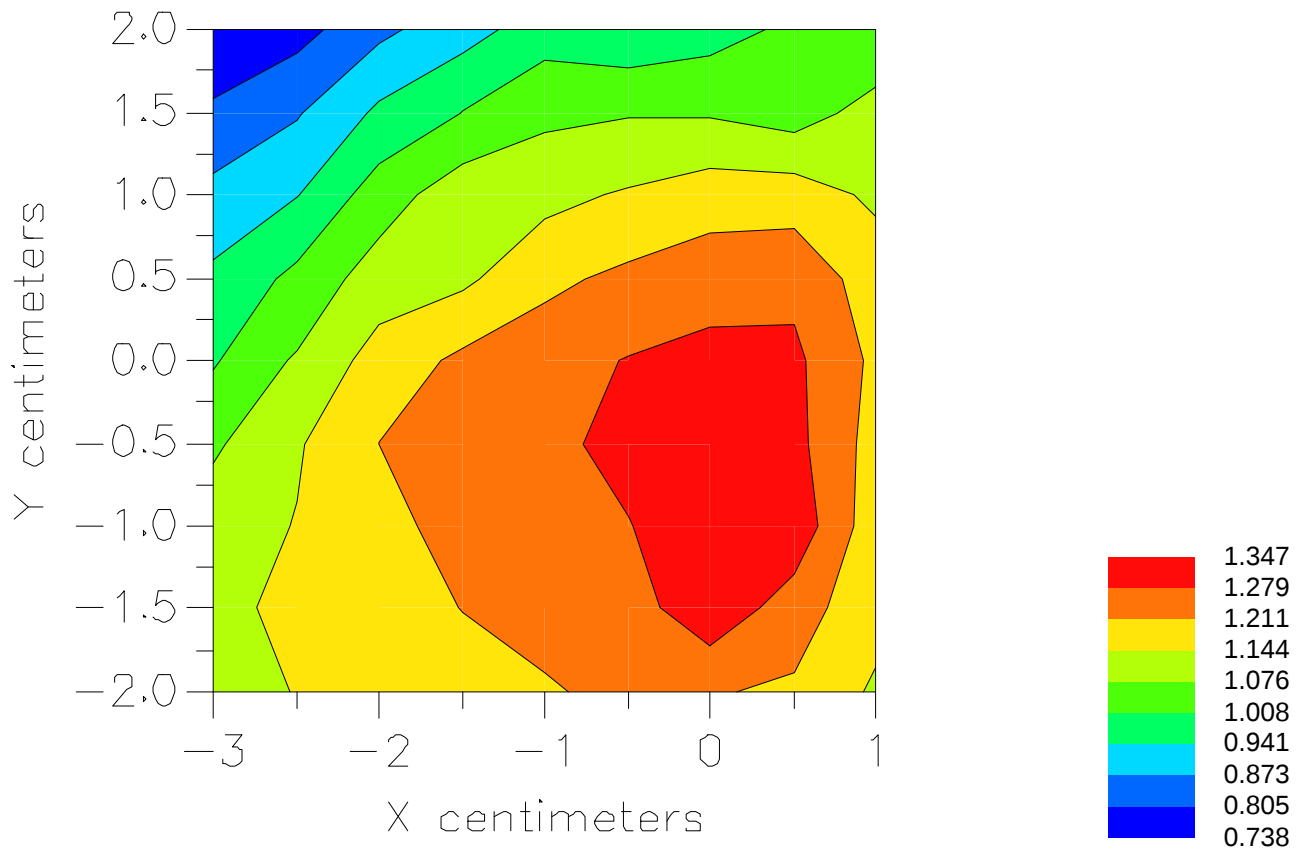


File : 01092520\_ZOOM

Start : 25-Sep-101 3:08:17 pm End : 25-Sep-101 3:15:41 pm

SAMSUNG/SPH-N300/33;824.04MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01092522\_ZOOM.VLT  
Start : 25-Sep-101 04:11:53 pm End : 25-Sep-101 04:22:15 pm

Radio Type : SAMSUNG  
Model Number : SPH-N300  
Serial Number : 33  
Frequency : 1880.00 MHz  
Peak Trans. Pwr : 0.280 W  
Start Trans. Pwr: 0.280 W  
Antenna Type : Helical  
Antenna Posn. : Out  
Phantom Type : Body  
Phantom Posn. : Abdomen  
Scan Type : ZOOM/SAR  
Probe Name : PCTEST  
Field Type : E Field  
Orientation : 0 Degrees

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

Comment :  
SAMSUNG TRI-MODE PHONE - PCS MODE  
CHAN 0600 Conducted 24.5 dBm  
SAMSUNG TRI-MODE PHONE - BODY SAR

Robot : PCTEST

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

PCTEST Amplifier Channel Settings : 0.245 0.231 0.224

Max Location : X = -2.000, Y = -2.000, Z = 0.000 (cm) Value = 11.672

Measured Values (volts) =  
1.028E-002 7.904E-003 5.355E-003 3.820E-003 2.825E-003 2.078E-003  
1.542E-003 1.101E-003 7.983E-004 5.283E-004 3.739E-004 2.751E-004  
2.101E-004 1.373E-004 5.415E-005 4.639E-005 4.152E-005 3.814E-005  
4.575E-005 3.250E-005 3.384E-005

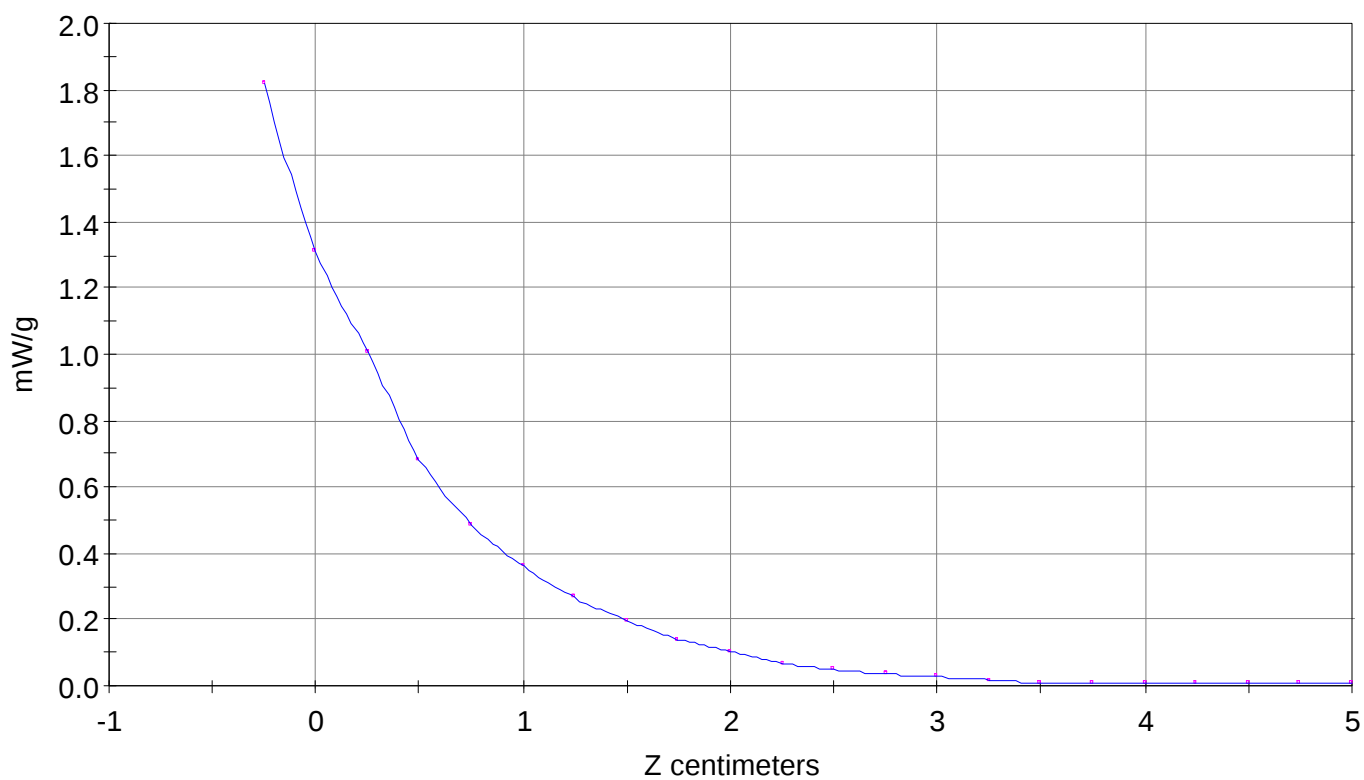
Calc. Voltage @ Surface (Vs) = 0.0143

Voltage @ 1.00 cm (Vt) = 0.0038

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

Ave. SAR over 1 g (mW/g) = 1.1538

SAR Scan  
File : 01092522\_ZOOM  
Start : 25-Sep-101 04:11:53 pm End : 25-Sep-101 04:22:15 pm  
SAMSUNG/SPH-N300/1;1880.00MHz;W;Helical/Out;  
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

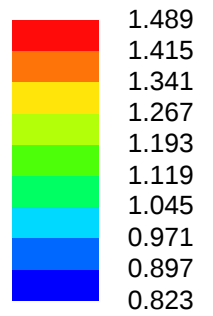
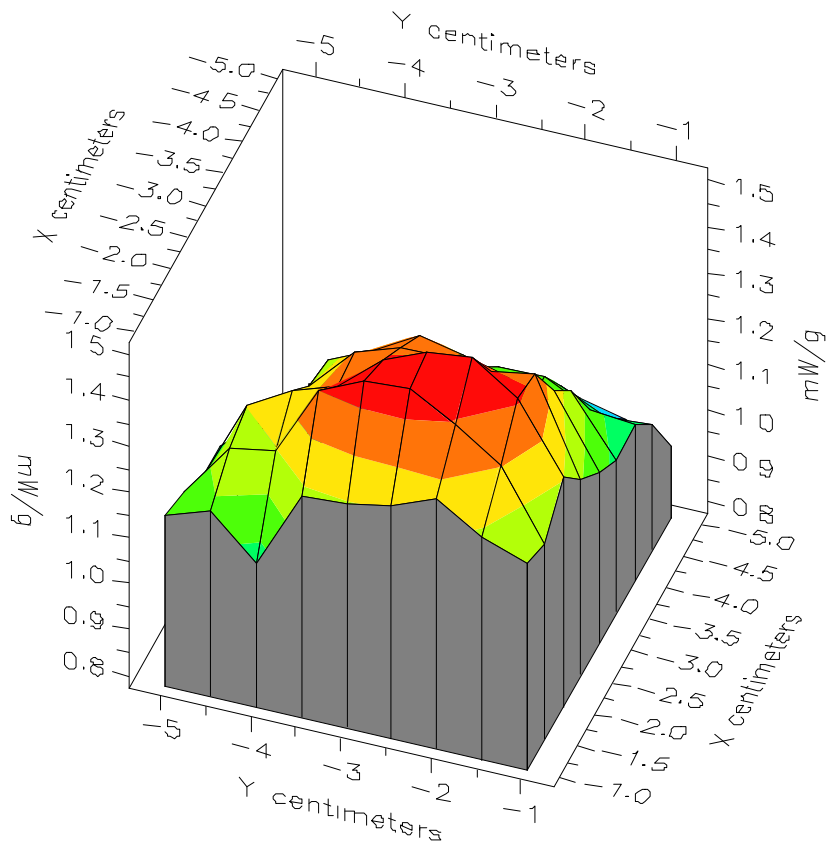


File : 01092522\_ZOOM

Start : 25-Sep-101 04:11:53 pm End : 25-Sep-101 04:22:15 pm

SAMSUNG/SPH-N300/1;1880.00MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : 01092522\_ZOOM

Start : 25-Sep-101 04:11:53 pm End : 25-Sep-101 04:22:15 pm

SAMSUNG/SPH-N300/1;1880.00MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

