

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99081915\_ZOOM.VLT  
Start : 19-Aug-99 04:41:30 pm End : 19-Aug-99 04:54:48 pm

Radio Type : SAMSUNG  
Model Number : SCH-6100  
Serial Number : 001  
Frequency : 1851.25 MHz  
Peak Trans. Pwr : 0.200 W  
Start Trans. Pwr: 0.200 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 = 42.900  
Mixture Conductivity = 1.650

Comment :  
SAMSUNG PCS PHONE  
Channel 0025  
CDMA SINGLE BAND

Robot : PCTEST

Probe Offset = 0.25 cm  
Sensor Factor = 0.0108  
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 2.000, Y = 0.250, Z = 0.000 (cm) Value = 12.052

Measured Values (volts) =  
1.271E-002 8.703E-003 6.512E-003 5.033E-003 4.009E-003 3.274E-003  
2.771E-003 2.314E-003 2.058E-003 1.828E-003 1.642E-003 1.515E-003  
1.445E-003 1.368E-003 1.345E-003 1.300E-003 1.251E-003 1.239E-003  
1.242E-003 1.247E-003 1.268E-003

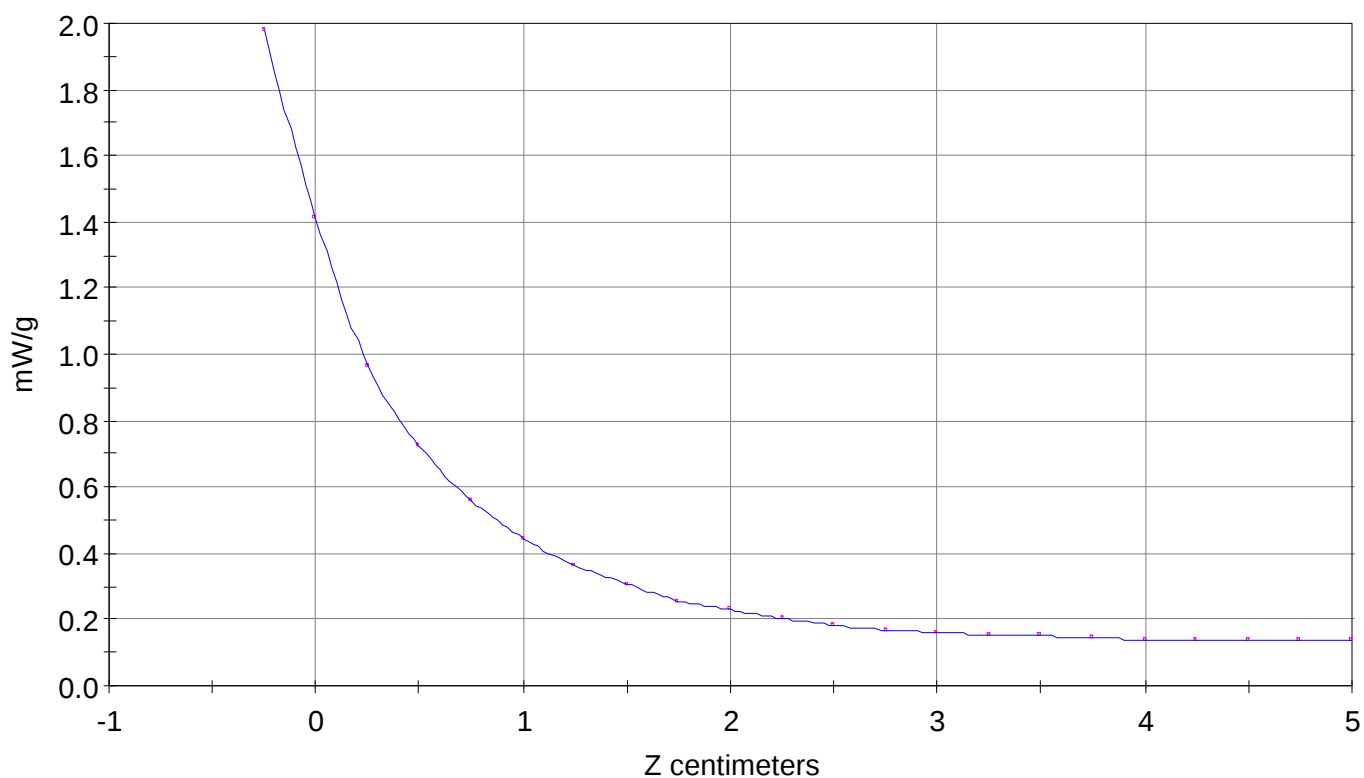
Calc. Voltage @ Surface (Vs) = 0.0178

Voltage @ 1.00 cm (Vt) = 0.0050

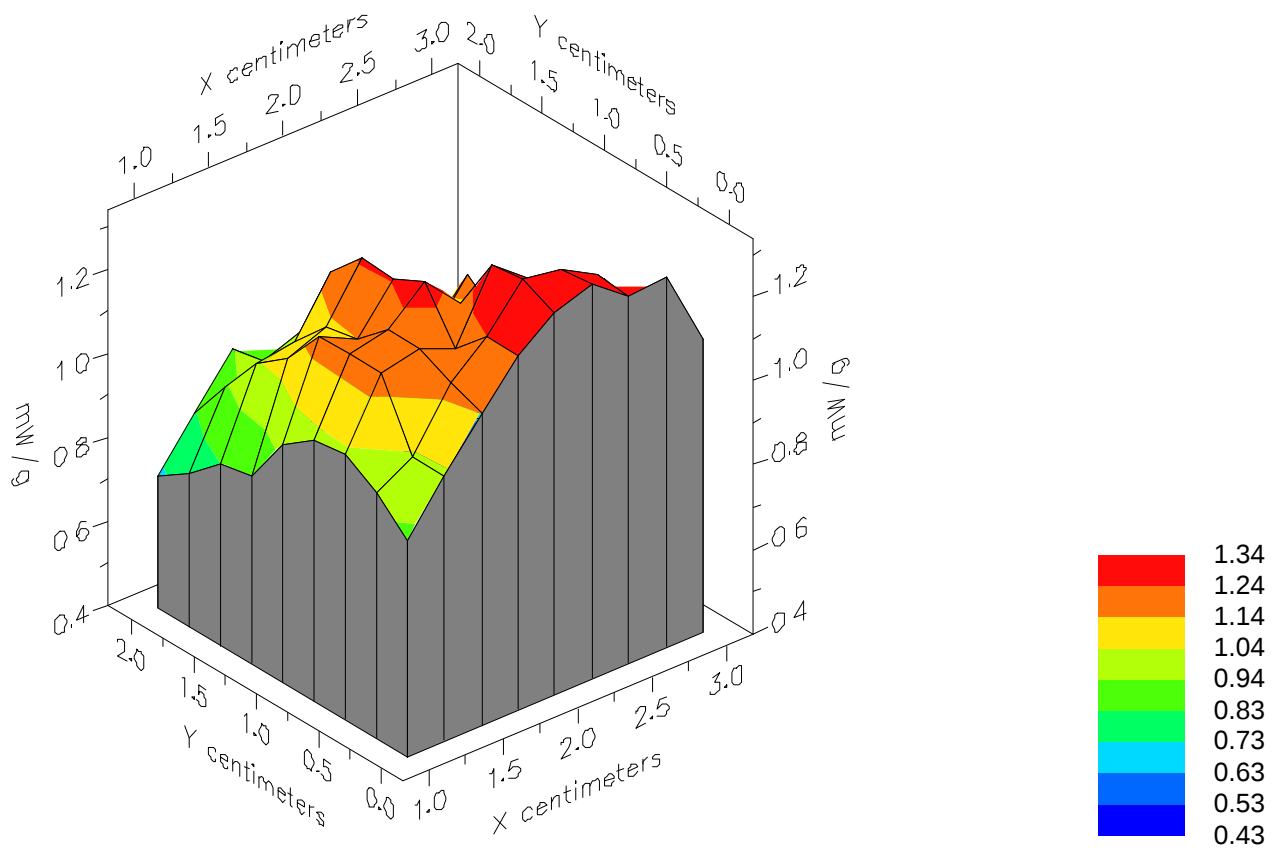
Ave. Voltage (Vs+Vt)/2 = 0.0114

Ave. SAR over 1 g (mW/g) = 1.2672

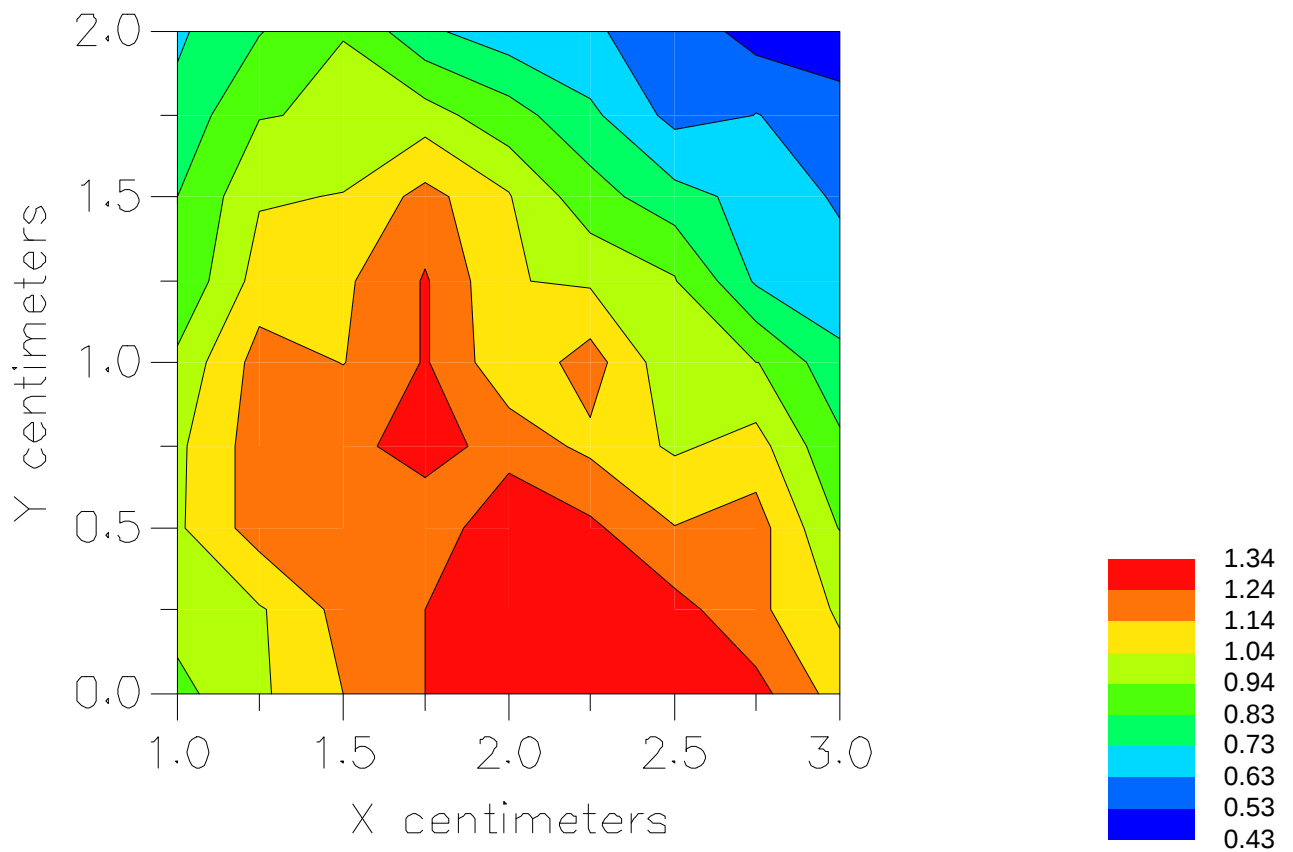
SAR Scan  
File : 99081915\_ZOOM  
Start : 19-Aug-99 04:41:30 pm End : 19-Aug-99 04:54:48 pm  
SAMSUNG/SCH-6100/001;1851.25MHz;W;Helical/Out;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : 99081915\_ZOOM  
Start : 19-Aug-99 04:41:30 pm End : 19-Aug-99 04:54:48 pm  
SAMSUNG/SCH-6100/001;1851.25MHz;W;Helical/Out;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : 99081915\_ZOOM  
Start : 19-Aug-99 04:41:30 pm End : 19-Aug-99 04:54:48 pm  
SAMSUNG/SCH-6100/001;1851.25MHz;W;Helical/Out;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99081907\_ZOOM.VLT  
Start : 19-Aug-99 10:14:42 am End : 19-Aug-99 12:27:33 pm

Radio Type : SAMSUNG  
Model Number : SCH-6100  
Serial Number : 001  
Frequency : 1880 MHz  
Peak Trans. Pwr : 0.200 W  
Start Trans. Pwr: 0.200 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 = 42.900  
Mixture Conductivity = 1.650

Comment :  
SAMSUNG PCS PHONE  
Channel 0600  
CDMA SINGLE BAND

Robot : PCTEST

Probe Offset = 0.25 cm  
Sensor Factor = 0.0108  
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 1.750, Y = 0.250, Z = 0.000 (cm) Value = 11.366

Measured Values (volts) =  
1.189E-002 8.059E-003 5.570E-003 4.150E-003 3.206E-003 2.418E-003  
1.903E-003 1.404E-003 1.093E-003 8.238E-004 6.330E-004 4.721E-004  
4.029E-004 2.696E-004 2.019E-004 1.454E-004 1.255E-004 9.519E-005  
9.271E-005 9.531E-005 3.201E-005

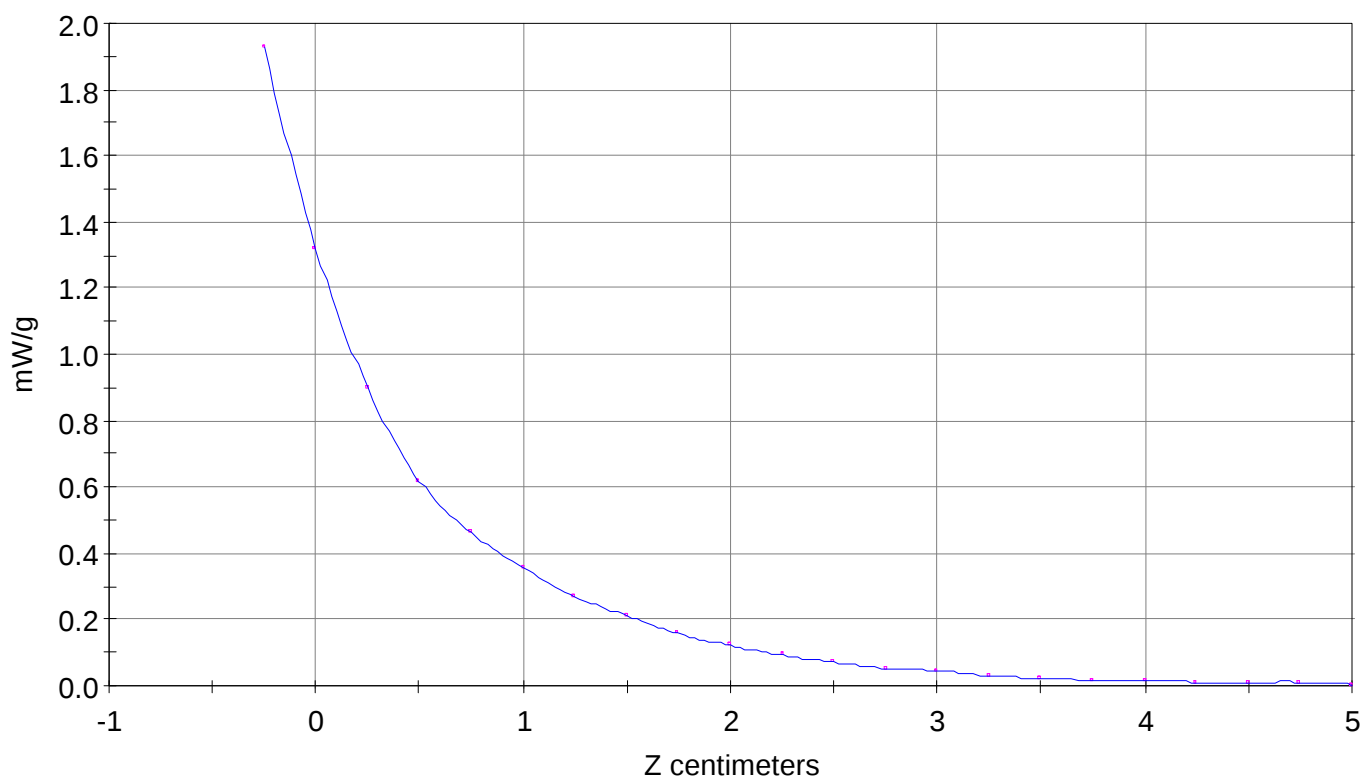
Calc. Voltage @ Surface (Vs) = 0.0174

Voltage @ 1.00 cm (Vt) = 0.0042

Ave. Voltage (Vs+Vt)/2 = 0.0108

Ave. SAR over 1 g (mW/g) = 1.1954

SAR Scan  
File : 99081907\_ZOOM  
Start : 19-Aug-99 10:14:42 am End : 19-Aug-99 12:27:33 pm  
SAMSUNG/SCH-6100/001;1880MHz;W;Helical/Out;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650

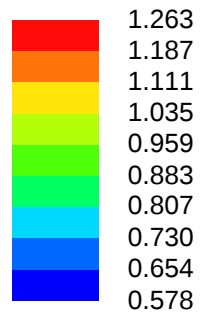
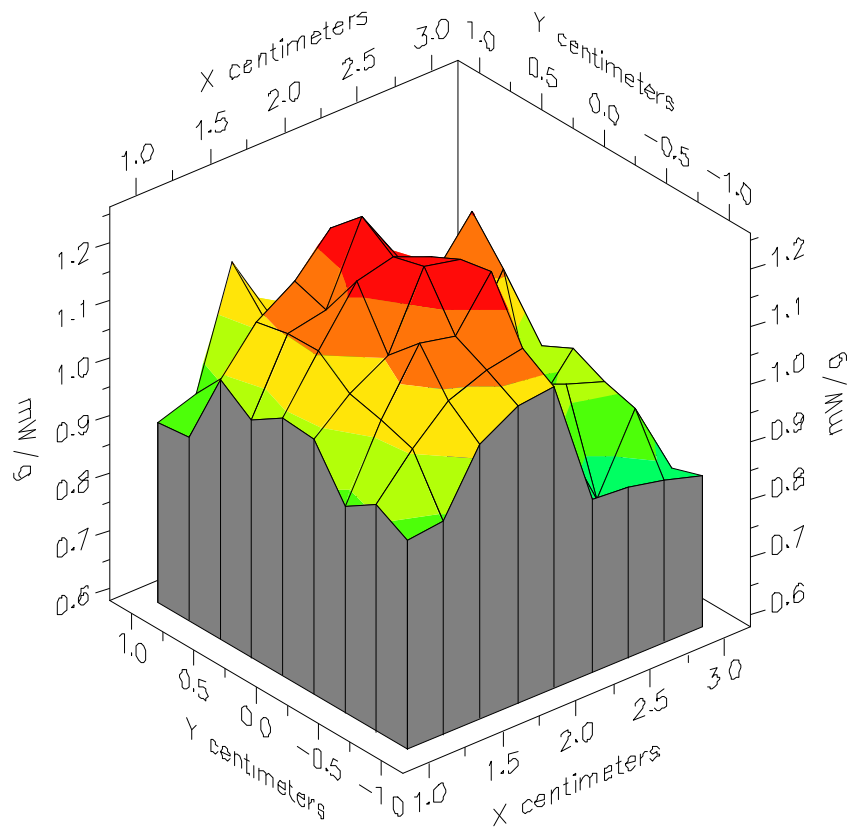


File : 99081907\_ZOOM

Start : 19-Aug-99 10:14:42 am End : 19-Aug-99 12:27:33 pm

SAMSUNG/SCH-6100/001;1880MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650

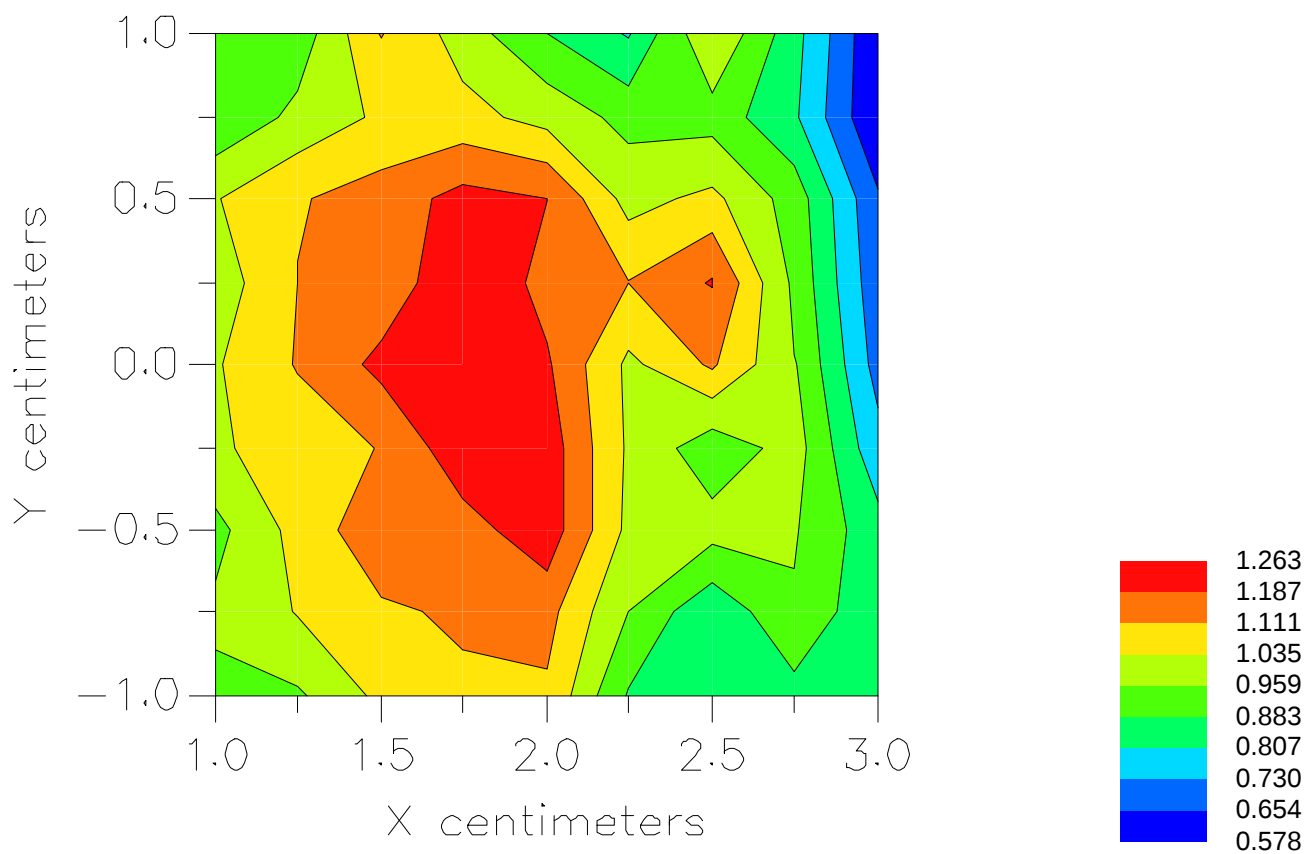


File : 99081907\_ZOOM

Start : 19-Aug-99 10:14:42 am End : 19-Aug-99 12:27:33 pm

SAMSUNG/SCH-6100/001;1880MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99081913\_ZOOM.VLT  
Start : 19-Aug-99 04:06:42 pm End : 19-Aug-99 04:19:50 pm

Radio Type : SAMSUNG  
Model Number : SCH-6100  
Serial Number : 001  
Frequency : 1908.75 MHz  
Peak Trans. Pwr : 0.200 W  
Start Trans. Pwr: 0.200 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 = 42.900  
Mixture Conductivity = 1.650

Comment :  
SAMSUNG PCS PHONE  
Channel 1175  
CDMA SINGLE BAND

Robot : PCTEST

Probe Offset = 0.25 cm  
Sensor Factor = 0.0108  
Conversion Factor = 1.200

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 1.750, Y = 0.000, Z = 0.000 (cm) Value = 10.324

Measured Values (volts) =  
8.873E-003 5.923E-003 4.218E-003 3.154E-003 2.321E-003 1.819E-003  
1.355E-003 1.024E-003 7.574E-004 6.091E-004 4.643E-004 3.666E-004  
3.025E-004 2.304E-004 1.714E-004 1.534E-004 1.450E-004 1.106E-004  
1.080E-004 9.972E-005 1.064E-004

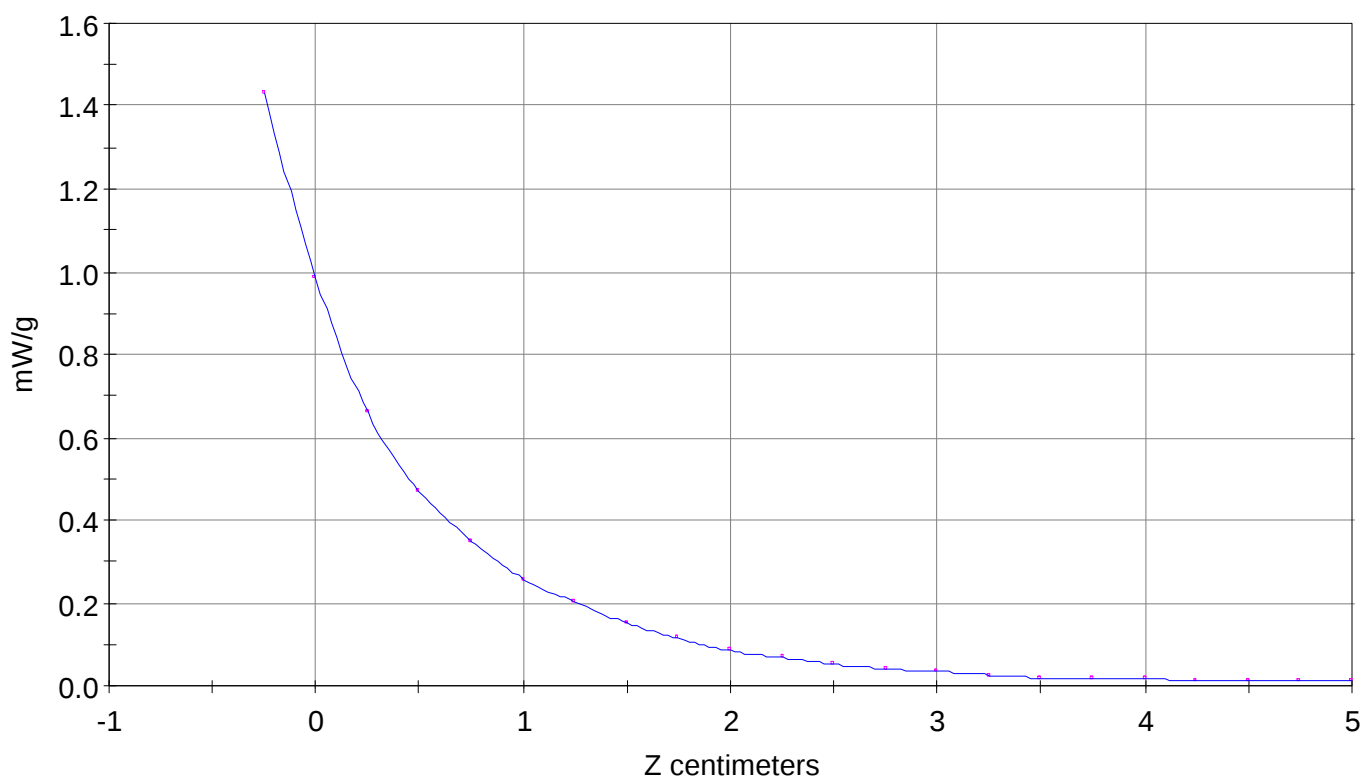
Calc. Voltage @ Surface (Vs) = 0.0129

Voltage @ 1.00 cm (Vt) = 0.0032

Ave. Voltage (Vs+Vt)/2 = 0.0080

Ave. SAR over 1 g (mW/g) = 0.8905

SAR Scan  
File : 99081913\_ZOOM  
Start : 19-Aug-99 04:06:42 pm End : 19-Aug-99 04:19:50 pm  
SAMSUNG/SCH-6100/001;1908.75MHz;W;Helical/Out;  
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650

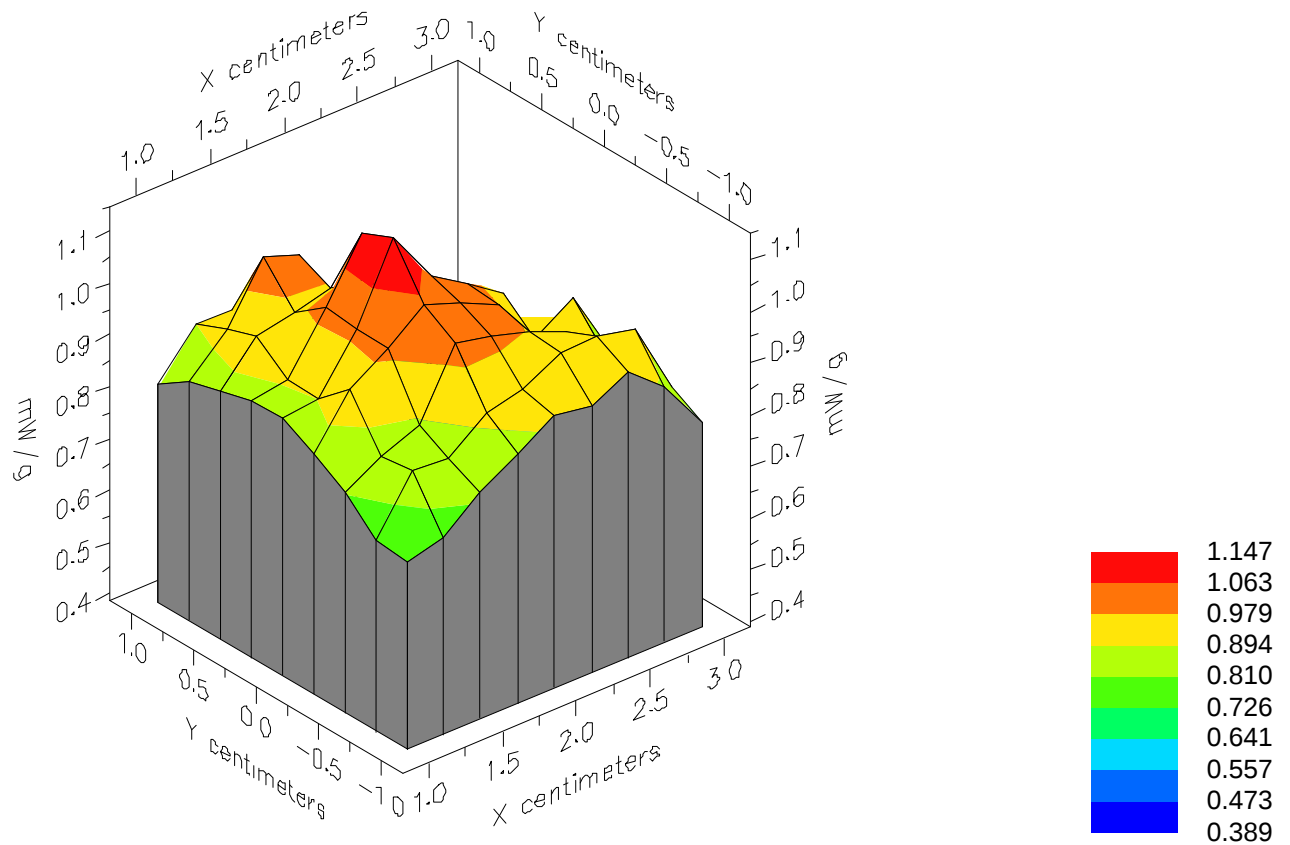


File : 99081913\_ZOOM

Start : 19-Aug-99 04:06:42 pm End : 19-Aug-99 04:19:50 pm

SAMSUNG/SCH-6100/001;1908.75MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : 99081913\_ZOOM

Start : 19-Aug-99 04:06:42 pm End : 19-Aug-99 04:19:50 pm

SAMSUNG/SCH-6100/001;1908.75MHz;W;Helical/Out;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650

