

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98090903_ZOOM.VLT
Start : 9-Sep-98 10:28:12 am End : 9-Sep-98 10:39:44 am

Radio Type : SAMSUNG
Model Number : SCH-470
Serial Number : B05A0000
Frequency : 824.64 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
CHAN 1011 CDMA MODE
SAMSUNG PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 2.000, Y = 0.250, Z = 0.000 (cm) Value = 18.832

Measured Values (volts) =

1.859E-002	1.304E-002	6.682E-003	2.741E-003	1.385E-003	2.725E-004
-8.575E-004	-5.631E-004	-6.166E-004	-1.109E-003	-4.530E-004	

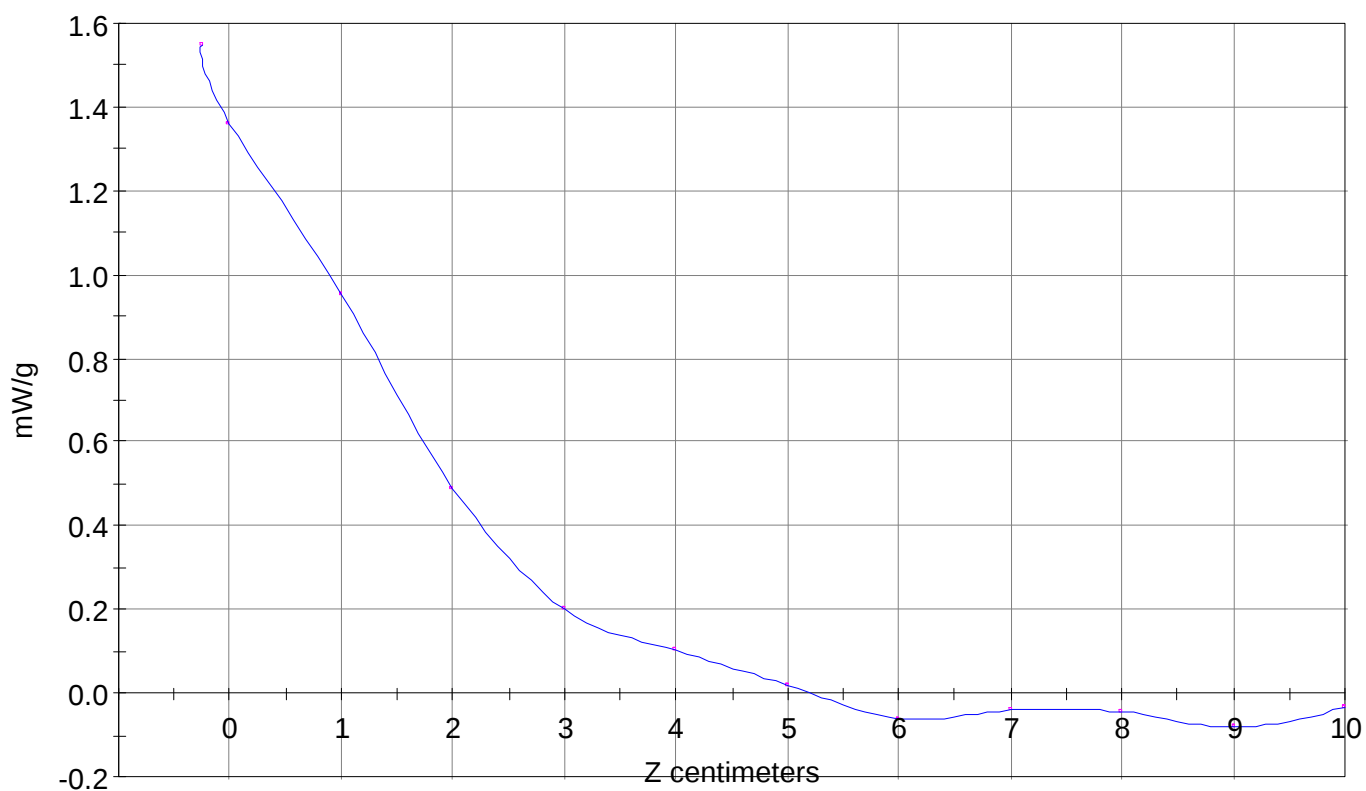
Calc. Voltage @ Surface (Vs) = 0.0212

Voltage @ 1.00 cm (Vt) = 0.0144

Ave. Voltage (Vs+Vt)/2 = 0.0178

Ave. SAR over 1 g (mW/g) = 1.3026

SAR Scan
File : 98090903_ZOOM
Start : 9-Sep-98 10:28:12 am End : 9-Sep-98 10:39:44 am
SAMSUNG/SCH-470/B05A0000;824.64MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

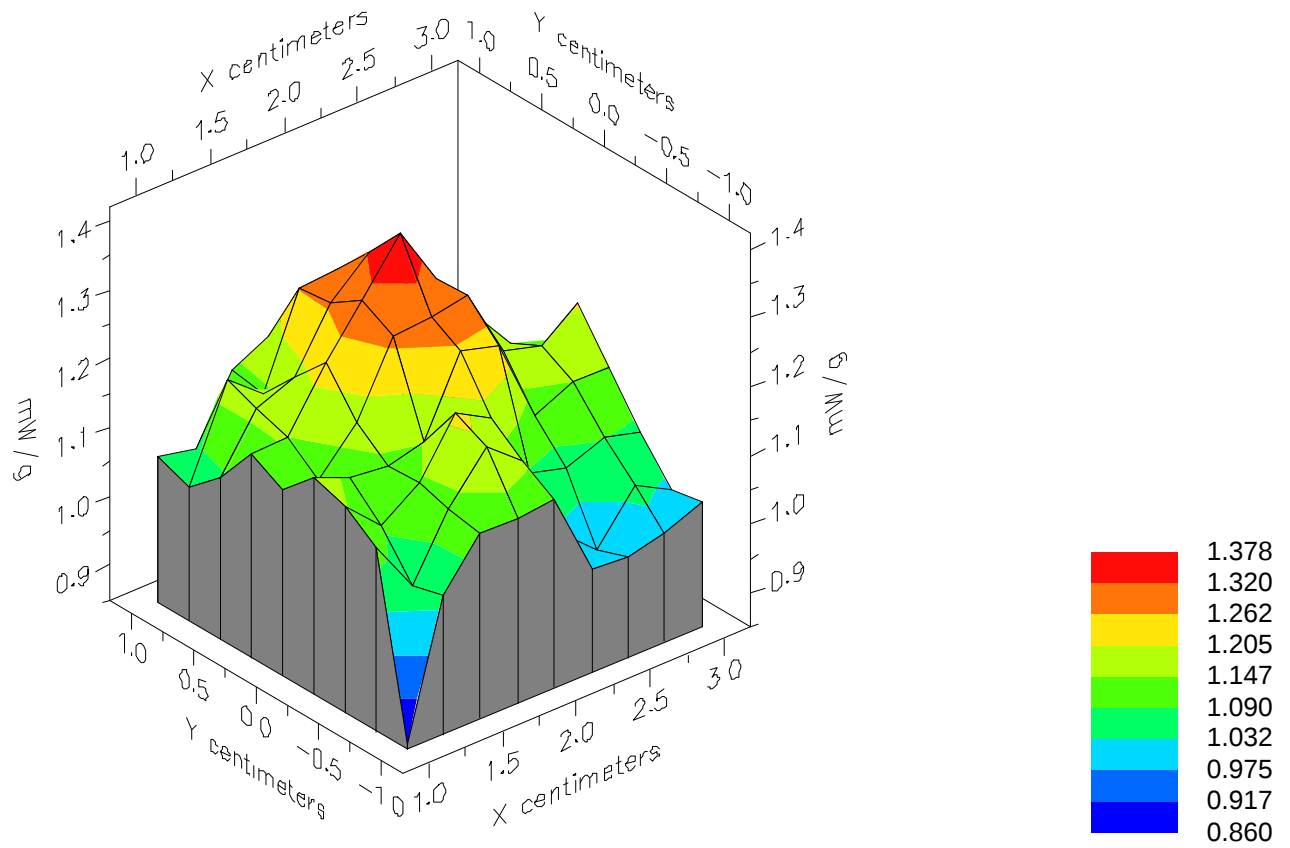


File : 98090903_ZOOM

Start : 9-Sep-98 10:28:12 am End : 9-Sep-98 10:39:44 am

SAMSUNG/SCH-470/B05A0000;824.64MHz;W;Helical/In;

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

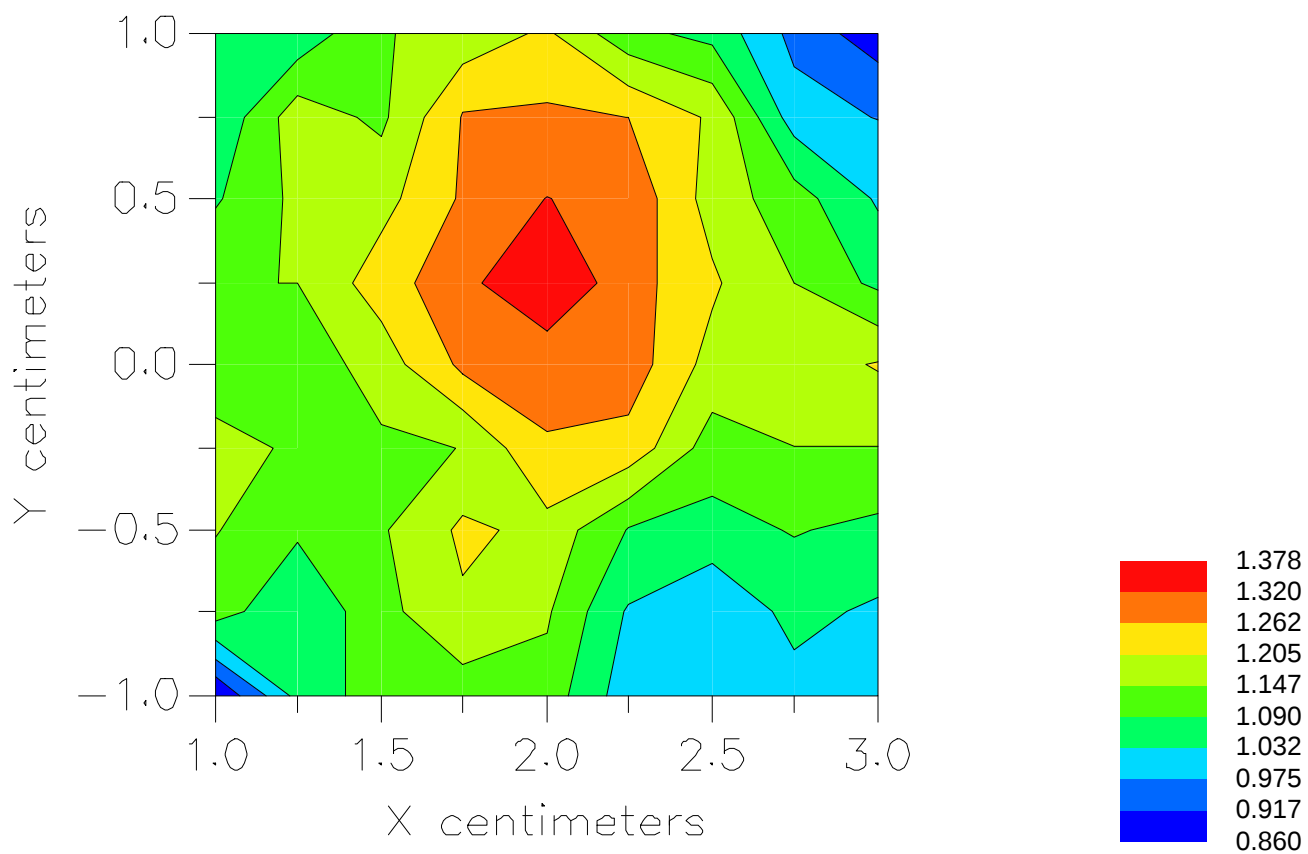


File : 98090903_ZOOM

Start : 9-Sep-98 10:28:12 am End : 9-Sep-98 10:39:44 am

SAMSUNG/SCH-470/B05A0000;824.64MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98090908_ZOOM.VLT
Start : 9-Sep-98 11:42:43 am End : 9-Sep-98 11:54:59 am

Radio Type : SAMSUNG
Model Number : SCH-470
Serial Number : B05A0000
Frequency : 824.64 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
CHAN 1011 CDMA MODE
SAMSUNG PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 1.750, Y = 0.500, Z = 0.000 (cm) Value = 10.675

Measured Values (volts) =

1.056E-002	8.016E-003	4.376E-003	1.887E-003	5.338E-004	-3.607E-005
-7.813E-004	-7.434E-004	-9.090E-004	-1.064E-003	-7.530E-004	

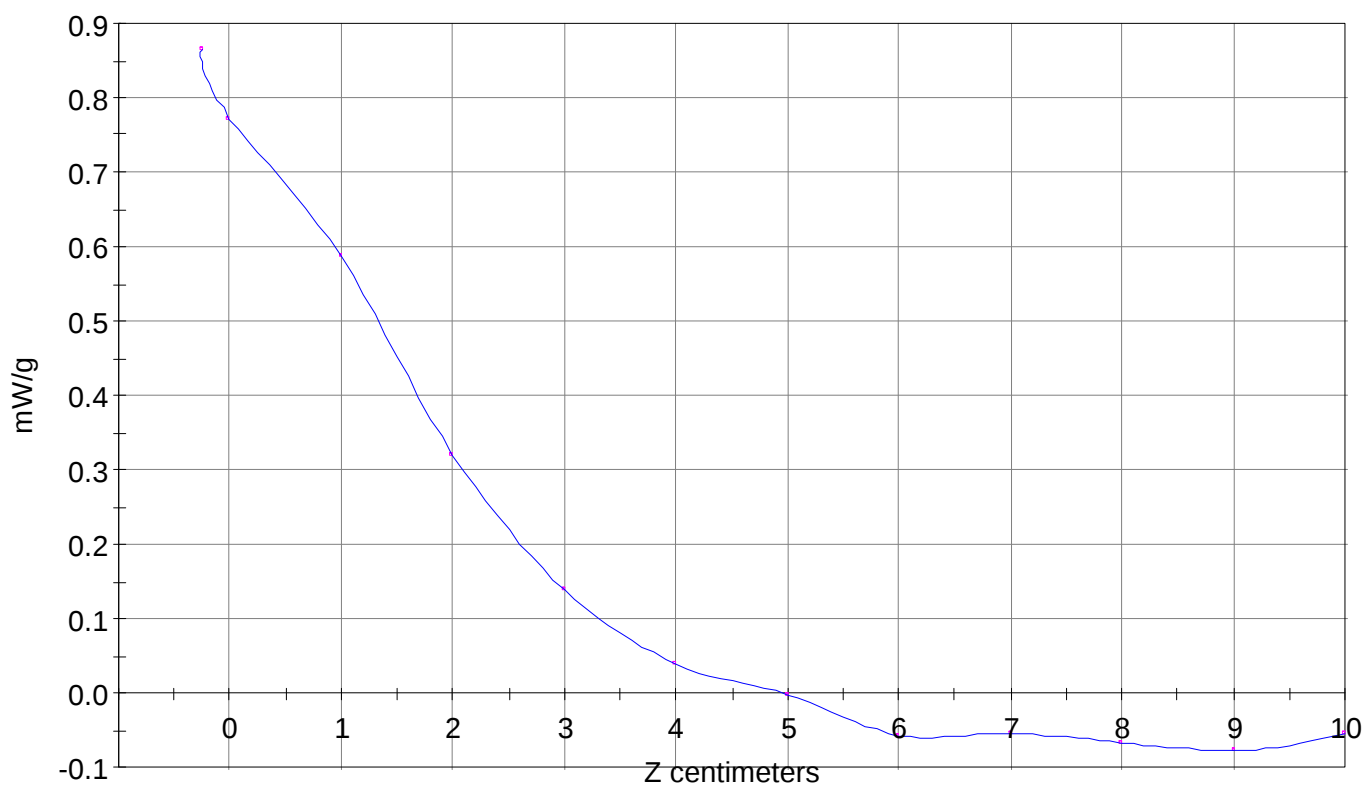
Calc. Voltage @ Surface (Vs) = 0.0118

Voltage @ 1.00 cm (Vt) = 0.0087

Ave. Voltage (Vs+Vt)/2 = 0.0102

Ave. SAR over 1 g (mW/g) = 0.7485

SAR Scan
File : 98090908_ZOOM
Start : 9-Sep-98 11:42:43 am End : 9-Sep-98 11:54:59 am
SAMSUNG/SCH-470/B05A0000;824.64MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98090902_ZOOM.VLT
Start : 9-Sep-98 10:12:51 am End : 9-Sep-98 10:24:21 am

Radio Type : SAMSUNG
Model Number : SCH-470
Serial Number : B05A0000
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
CHAN 363 CDMA MODE
SAMSUNG PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 2.000, Y = 0.250, Z = 0.000 (cm) Value = 18.914

Measured Values (volts) =

1.834E-002	1.302E-002	7.162E-003	3.312E-003	1.567E-003	-2.460E-005
-1.111E-003	-8.545E-004	-7.737E-004	-1.184E-003	-8.164E-004	

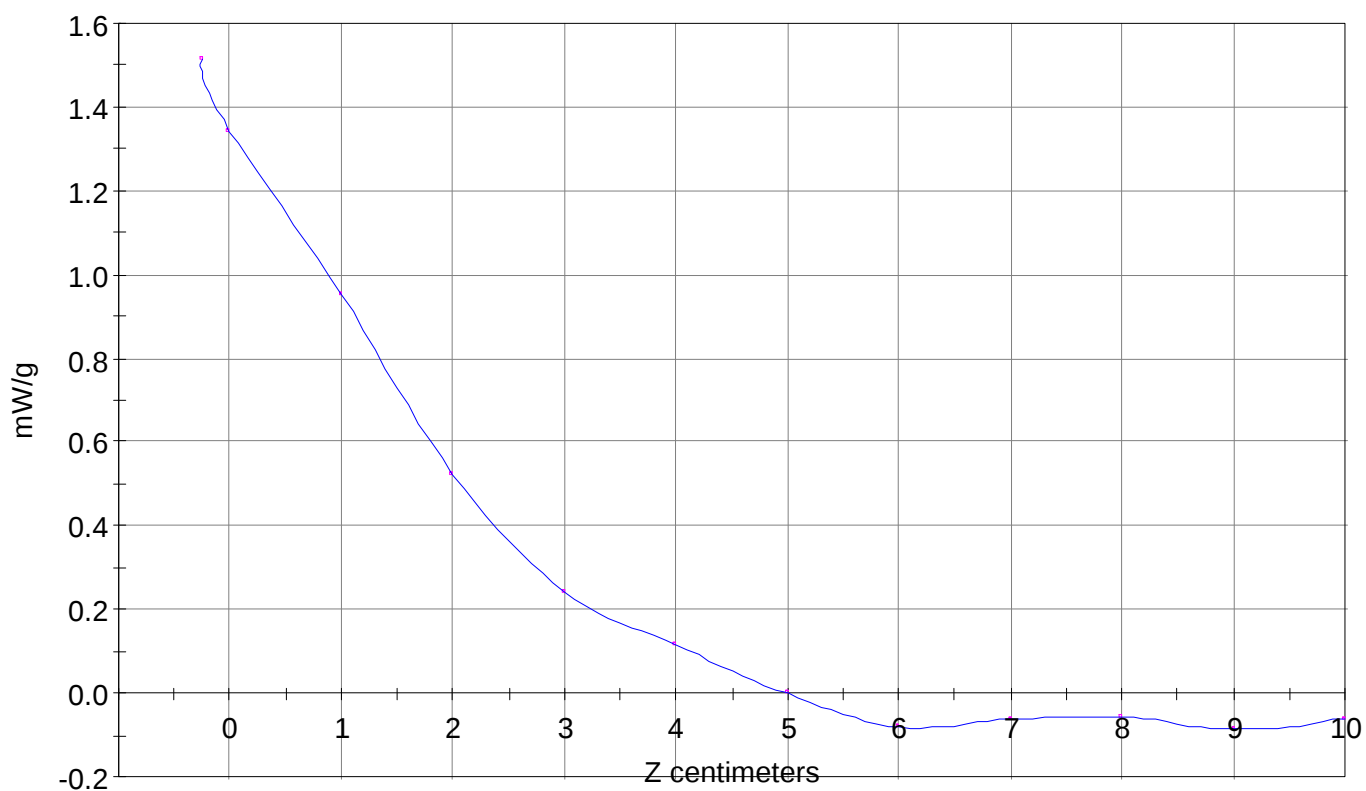
Calc. Voltage @ Surface (Vs) = 0.0207

Voltage @ 1.00 cm (Vt) = 0.0143

Ave. Voltage (Vs+Vt)/2 = 0.0175

Ave. SAR over 1 g (mW/g) = 1.2806

SAR Scan
File : 98090902_ZOOM
Start : 9-Sep-98 10:12:51 am End : 9-Sep-98 10:24:21 am
SAMSUNG/SCH-470/B05A0000;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98090906_ZOOM.VLT
Start : 9-Sep-98 11:07:14 am End : 9-Sep-98 11:19:19 am

Radio Type : SAMSUNG
Model Number : SCH-470
Serial Number : B05A0000
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
CHAN 363 CDMA MODE
SAMSUNG PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 2.000, Y = 0.250, Z = 0.000 (cm) Value = 11.195

Measured Values (volts) =

1.059E-002	7.265E-003	3.930E-003	1.203E-003	7.861E-004	1.710E-004
1.059E-005	-1.250E-003	-4.675E-004	-7.038E-004	-1.179E-003	

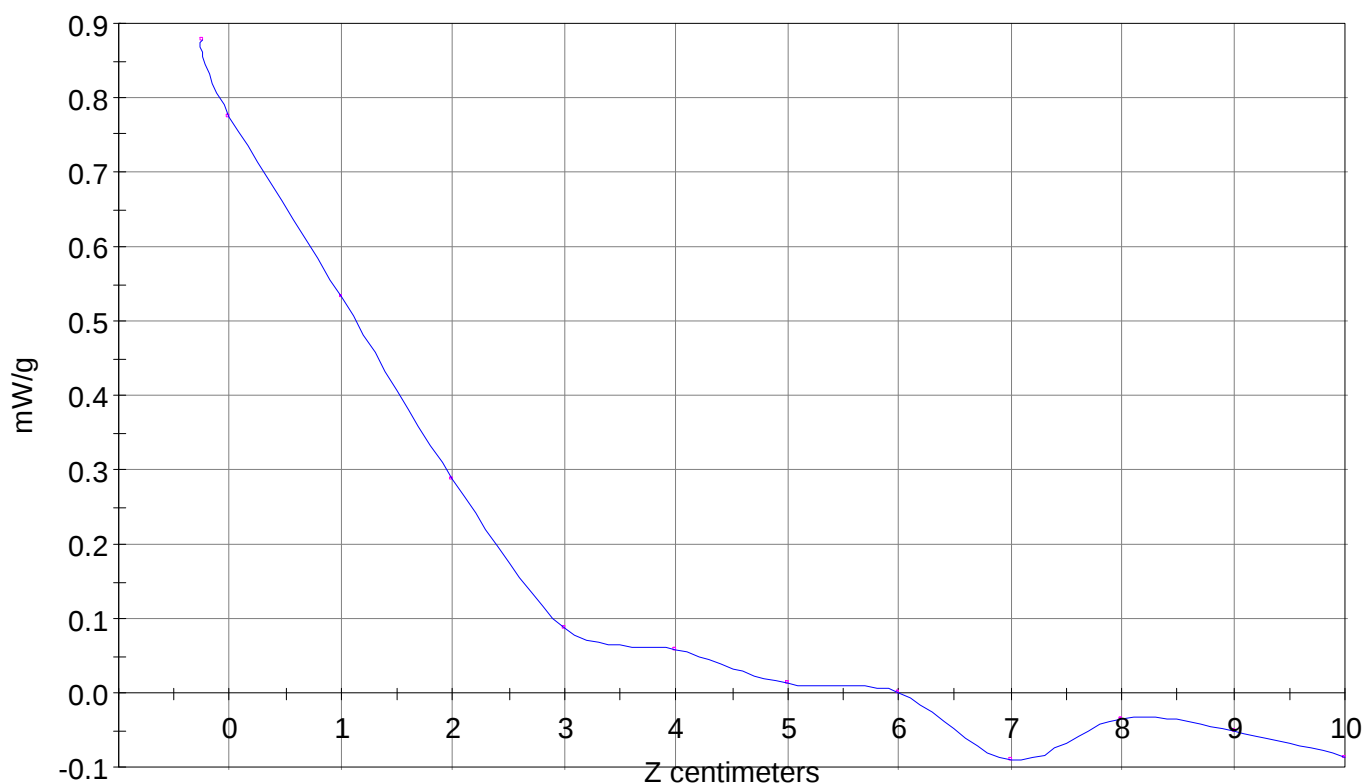
Calc. Voltage @ Surface (Vs) = 0.0120

Voltage @ 1.00 cm (Vt) = 0.0081

Ave. Voltage (Vs+Vt)/2 = 0.0101

Ave. SAR over 1 g (mW/g) = 0.7354

SAR Scan
File : 98090906_ZOOM
Start : 9-Sep-98 11:07:14 am End : 9-Sep-98 11:19:19 am
SAMSUNG/SCH-470/B05A0000;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98090904_ZOOM.VLT
Start : 9-Sep-98 10:45:53 am End : 9-Sep-98 10:52:31 am

Radio Type : SAMSUNG
Model Number : SCH-470
Serial Number : B05A0000
Frequency : 848.37 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
CHAN 779 CDMA MODE
SAMSUNG PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 2.000, Y = 0.500, Z = 0.000 (cm) Value = 15.639

Measured Values (volts) =

1.667E-002	1.252E-002	6.810E-003	3.418E-003	1.232E-003	-3.749E-005
-5.256E-004	-6.839E-004	-5.978E-004	-1.258E-003	-1.267E-003	

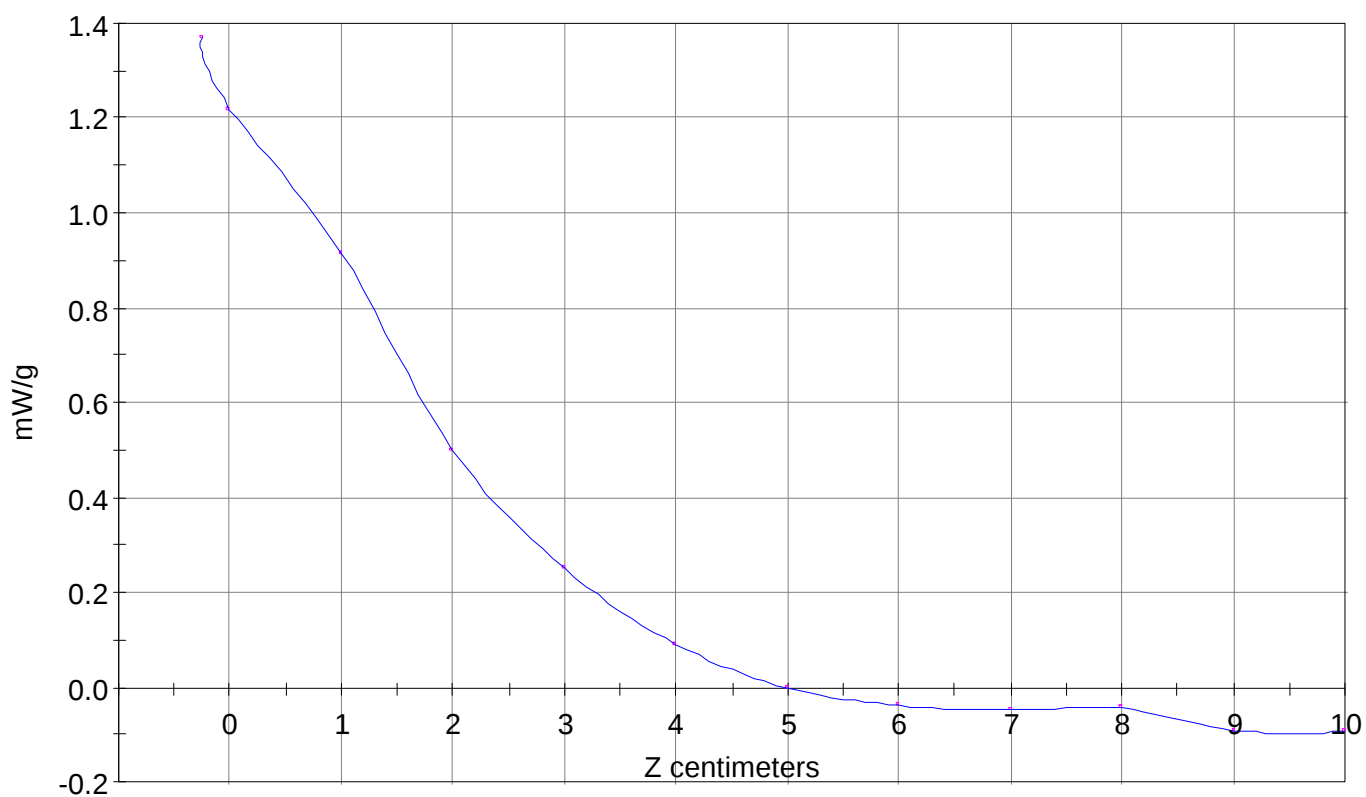
Calc. Voltage @ Surface (Vs) = 0.0187

Voltage @ 1.00 cm (Vt) = 0.0136

Ave. Voltage (Vs+Vt)/2 = 0.0161

Ave. SAR over 1 g (mW/g) = 1.1796

SAR Scan
File : 98090904_ZOOM
Start : 9-Sep-98 10:45:53 am End : 9-Sep-98 10:52:31 am
SAMSUNG/SCH-470/B05A0000;848.37MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 Degrees Brain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98090905_ZOOM.VLT
Start : 9-Sep-98 10:54:21 am End : 9-Sep-98 11:05:55 am

Radio Type : SAMSUNG
Model Number : SCH-470
Serial Number : B05A0000
Frequency : 848.37 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
CHAN 779 CDMA MODE
SAMSUNG PHONE
PCTEST ENGINEERING LABORATORY

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.790

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Diode Coefficients:

Channel 1	An=-10.851	Bn=86.223	Cn=38.593	Dn=-0.016	Mn=0.026	Yn=0.000
Channel 2	An=-21.618	Bn=92.335	Cn=34.909	Dn=-0.019	Mn=0.029	Yn=0.000
Channel 3	An=-11.171	Bn=50.619	Cn=19.002	Dn=-0.025	Mn=0.052	Yn=0.001

Max Location : X = 2.000, Y = 1.000, Z = 0.000 (cm) Value = 10.971

Measured Values (volts) =

8.709E-003	6.017E-003	2.917E-003	1.805E-003	3.012E-004	-4.497E-004
-9.004E-004	-9.761E-004	-1.068E-003	-9.816E-004	-1.023E-003	

Calc. Voltage @ Surface (Vs) = 0.0100

Voltage @ 1.00 cm (Vt) = 0.0067

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

Ave. SAR over 1 g (mW/g) = 0.6113

SAR Scan
File : 98090905_ZOOM
Start : 9-Sep-98 10:54:21 am End : 9-Sep-98 11:05:55 am
SAMSUNG/SCH-470/B05A0000;848.37MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

