

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121401_ZOOM.VLT
Start : 14-Dec-99 08:56:43 am End : 14-Dec-99 09:06:06 am

Radio Type : LGIC LG-SP510
FCC ID : FFMSP510
Serial Number : U4
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 :
LGIC SINGLE MODE PCS PHONE -
CHAN. 25 CDMA MODE
+24 dBM CONDUCTED

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 = 1.000, Y = 0.250, Z = 0.000 (cm) Value = 11.300

Measured Values (volts) =
1.006E-002 6.823E-003 5.118E-003 3.875E-003 3.074E-003 2.553E-003
1.983E-003 1.477E-003 1.141E-003 8.969E-004 7.389E-004 6.765E-004
5.359E-004 4.551E-004 3.483E-004 3.208E-004 2.577E-004 1.654E-004
8.139E-005 9.090E-005 1.128E-004

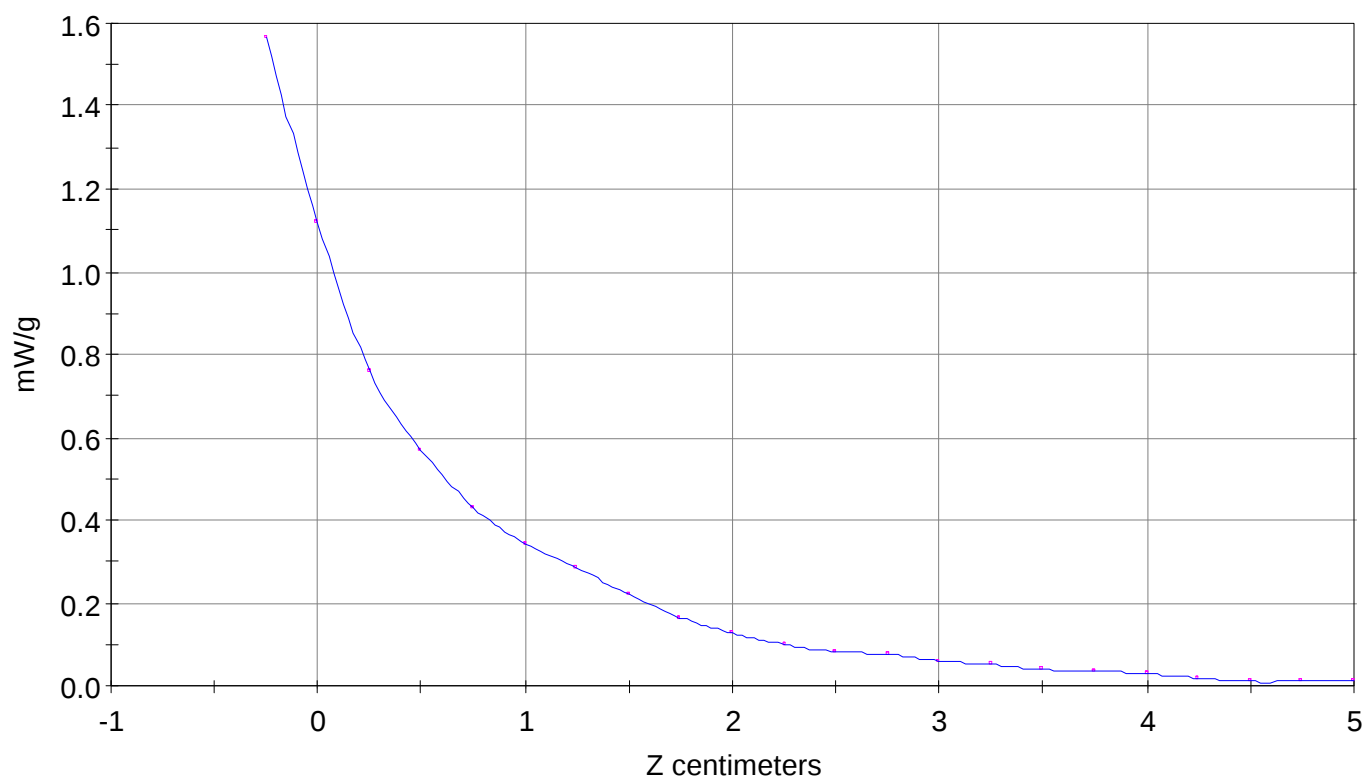
Calc. Voltage @ Surface (Vs) = 0.0141

Voltage @ 1.00 cm (Vt) = 0.0039

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

Ave. SAR over 1 g (mW/g) = 0.9994

SAR Scan
File : 99121401_ZOOM
Start : 14-Dec-99 08:56:43 am End : 14-Dec-99 09:06:06 am
LGIC/LG-SP510/U4;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/99121406_ZOOM.VLT
Start : 14-Dec-99 09:40:49 am End : 14-Dec-99 10:11:19 am

Radio Type : LGIC LG-SP510
FCC ID : FFMSP510
Serial Number : U4
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 :
LGIC SINGLE MODE PCS PHONE -
CHAN. 25 CDMA MODE
+24 dBM CONDUCTED

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 = 1.250, Y = 0.500, Z = 0.000 (cm) Value = 7.966

Measured Values (volts) =
8.072E-003 5.483E-003 3.633E-003 2.783E-003 2.039E-003 1.620E-003
1.227E-003 9.278E-004 8.287E-004 5.229E-004 4.139E-004 3.505E-004
2.952E-004 1.933E-004 1.868E-004 1.886E-004 1.663E-004 1.665E-004
5.994E-005 8.271E-005 5.877E-005

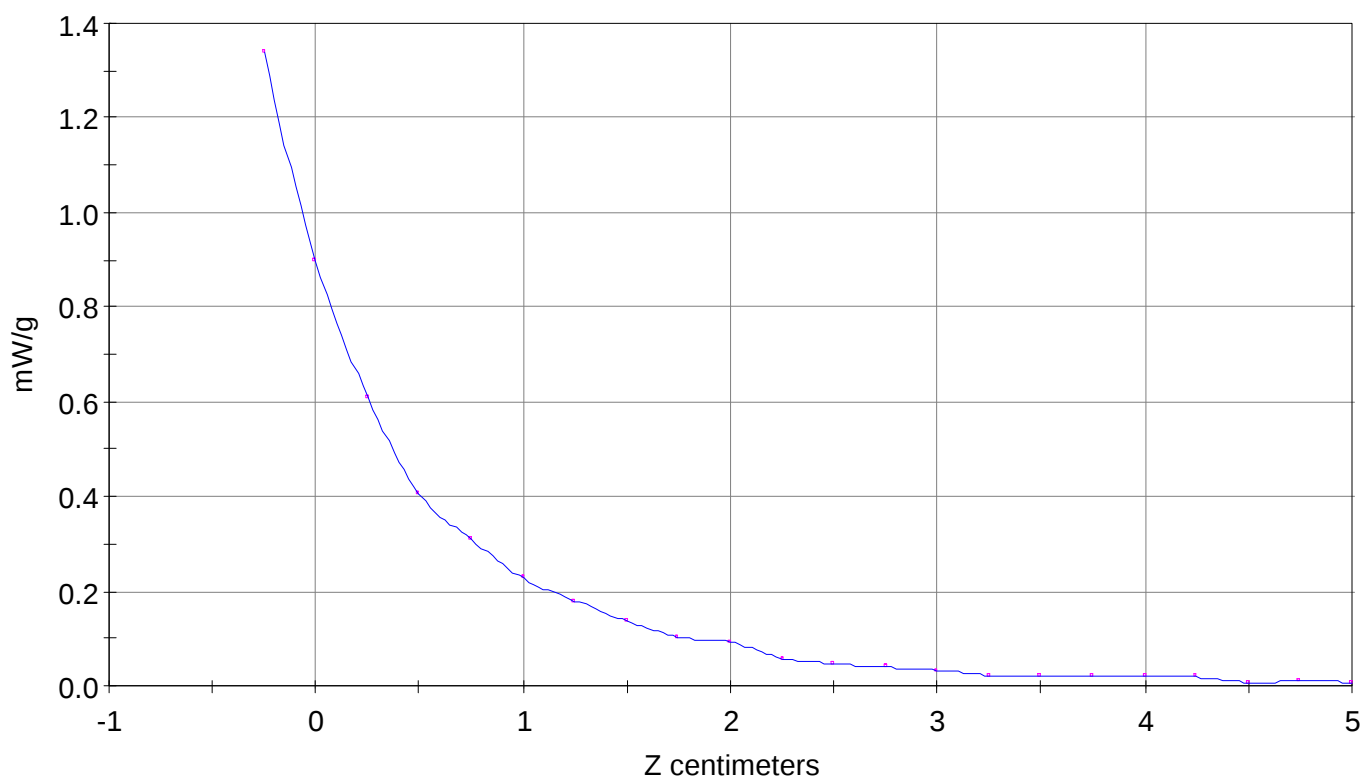
Calc. Voltage @ Surface (Vs) = 0.0120

Voltage @ 1.00 cm (Vt) = 0.0028

Ave. Voltage (Vs+Vt)/2 = 0.0074

Ave. SAR over 1 g (mW/g) = 0.8231

SAR Scan
File : 99121406_ZOOM
Start : 14-Dec-99 09:40:49 am End : 14-Dec-99 10:11:19 am
LGIC/LG-SP510/U4;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/99121319_ZOOM.VLT
Start : 13-Dec-99 06:30:10 pm End : 13-Dec-99 06:44:38 pm

Radio Type : LGIC LG-SP510
FCC ID : FFMSP510
Serial Number : U4
Frequency : 1880 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 :
LGIC SINGLE MODE PCS PHONE -
CHAN. 0600 CDMA MODE
+24 dBM CONDUCTED

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 = 1.250, Y = 0.000, Z = 0.000 (cm) Value = 16.037

Measured Values (volts) =
1.523E-002 1.131E-002 8.462E-003 6.270E-003 5.116E-003 3.893E-003
3.162E-003 2.509E-003 1.837E-003 1.328E-003 1.298E-003 1.106E-003
9.834E-004 8.267E-004 6.114E-004 4.951E-004 4.101E-004 3.040E-004
1.752E-004 1.545E-004 1.776E-004

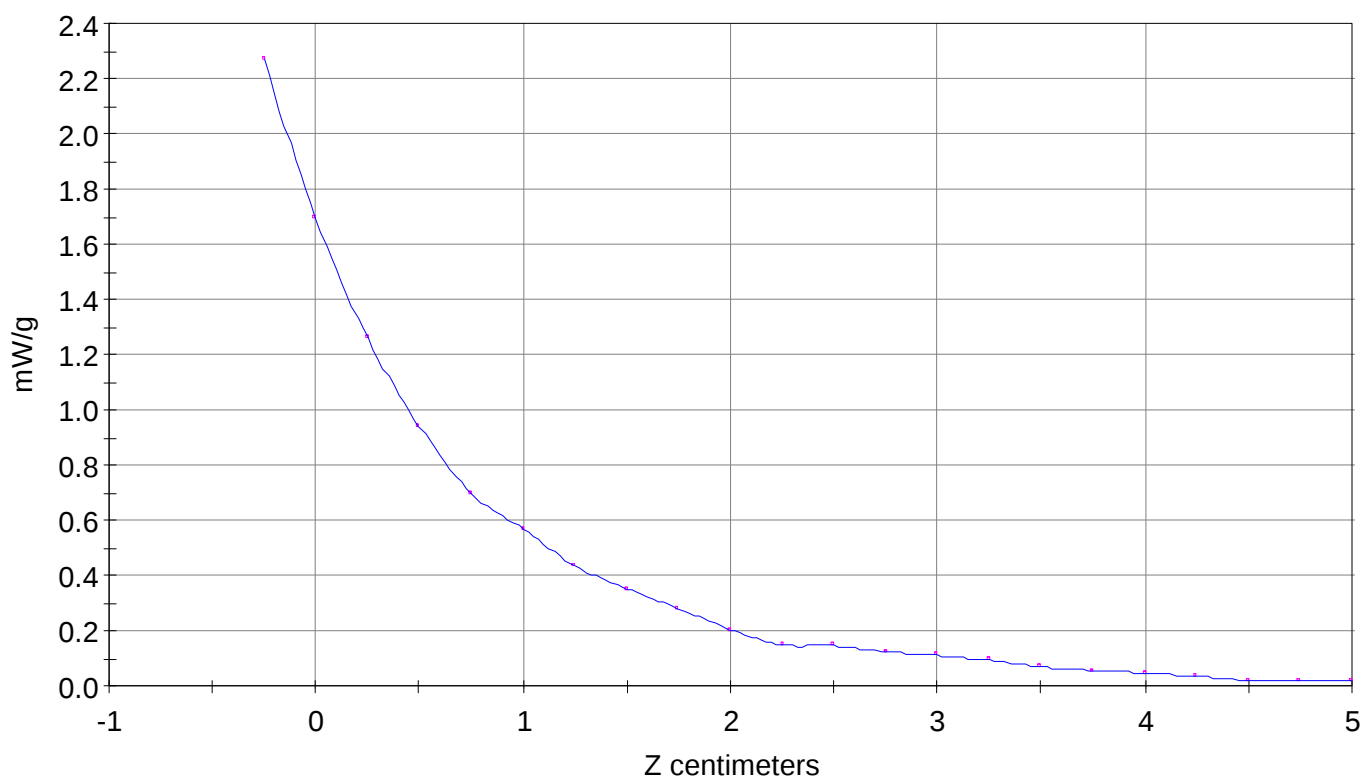
Calc. Voltage @ Surface (Vs) = 0.0204

Voltage @ 1.00 cm (Vt) = 0.0063

Ave. Voltage (Vs+Vt)/2 = 0.0134

Ave. SAR over 1 g (mW/g) = 1.4838

SAR Scan
File : 99121319_ZOOM
Start : 13-Dec-99 06:30:10 pm End : 13-Dec-99 06:44:38 pm
LGIC/LG-SP510/U4;1880MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

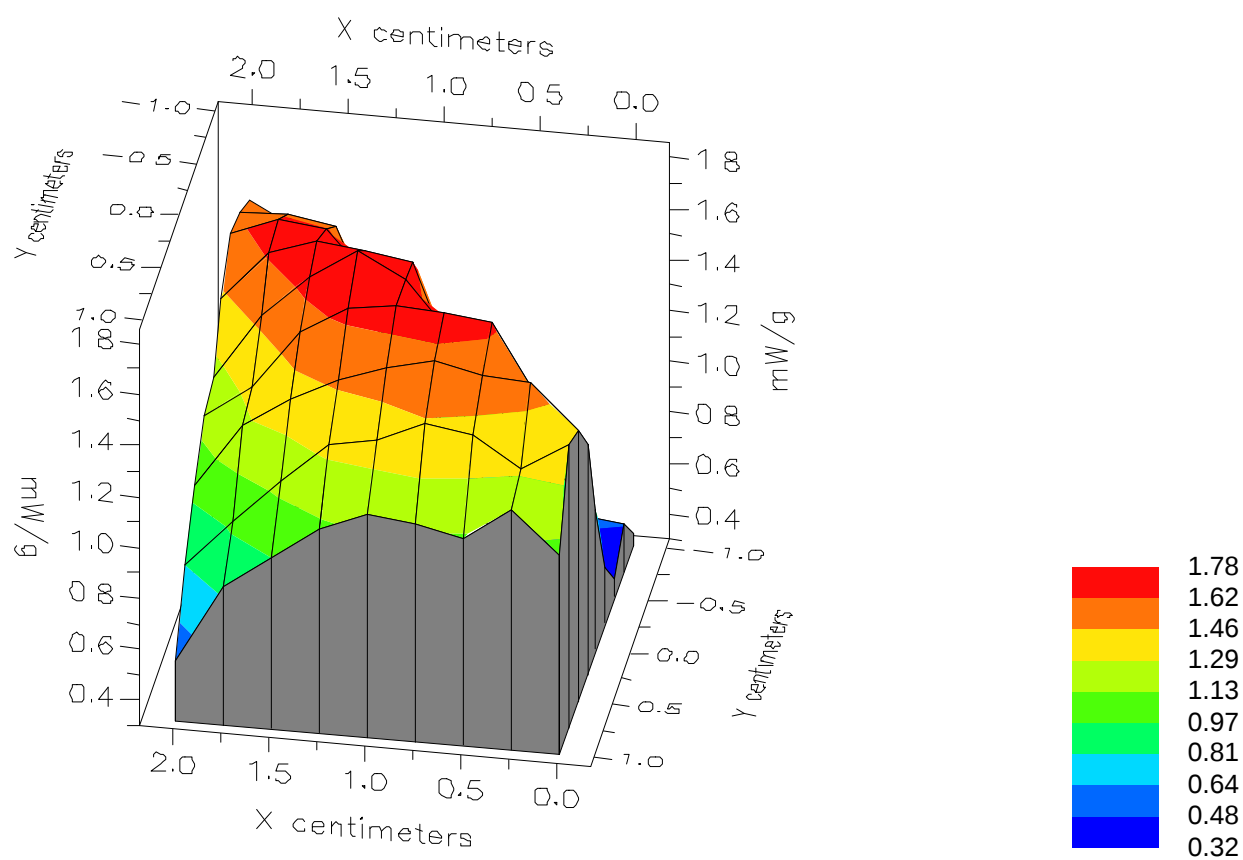


File : 99121319_ZOOM

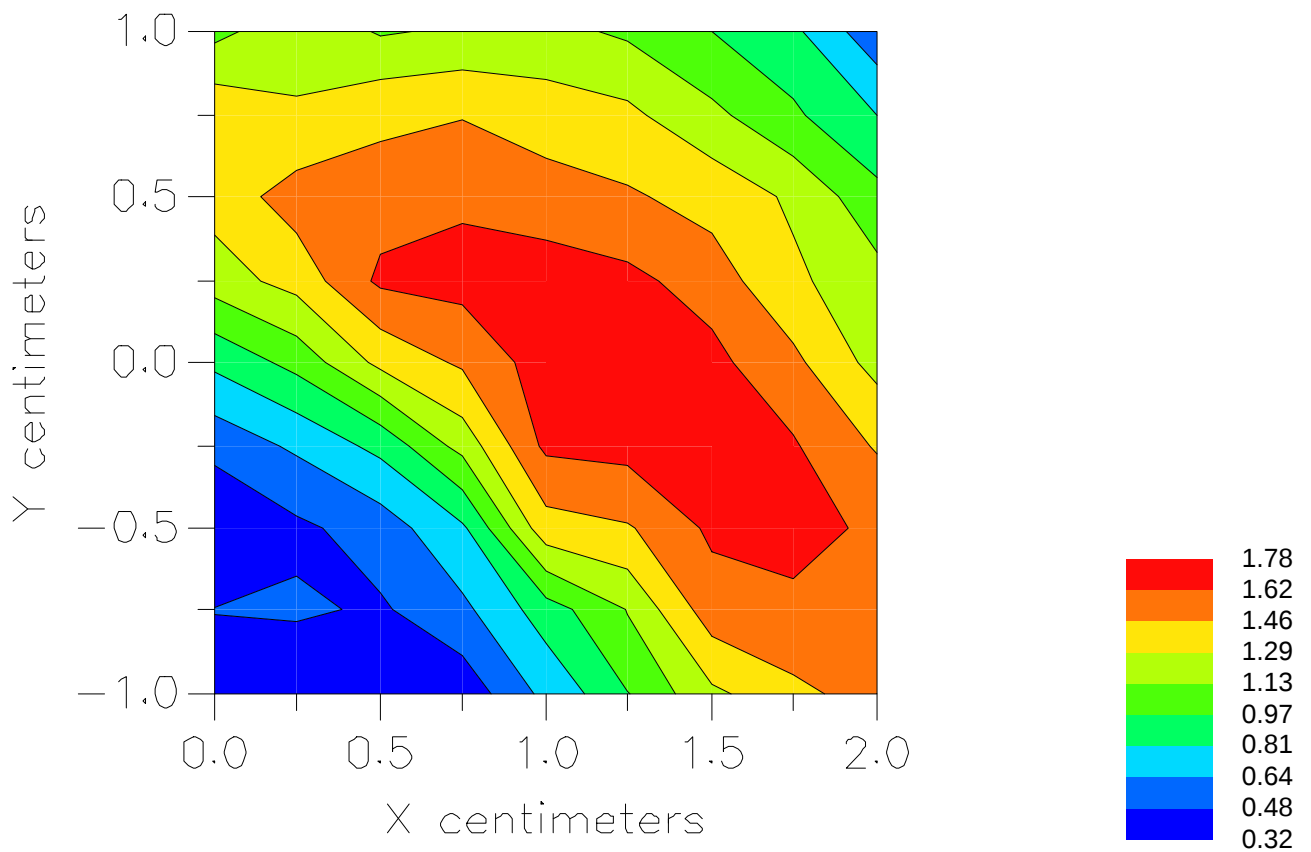
Start : 13-Dec-99 06:30:10 pm End : 13-Dec-99 06:44:38 pm

LGIC/LG-SP510/U4;1880MHz;W;Helical/In;

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



File : 99121319_ZOOM
Start : 13-Dec-99 06:30:10 pm End : 13-Dec-99 06:44:38 pm
LGIC/LG-SP510/U4;1880MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121316_ZOOM.VLT
Start : 13-Dec-99 05:36:30 pm End : 13-Dec-99 05:50:34 pm

Radio Type : LGIC LG-SP510
FCC ID : FFMSP510
Serial Number : U4
Frequency : 1880 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 :
LGIC SINGLE MODE PCS PHONE
CHAN. 0600 MODE
+24 dBM CONDUCTED

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 = 2.500, Y = -3.500, Z = 0.000 (cm) Value = 7.972

Measured Values (volts) =
7.422E-003 6.305E-003 4.393E-003 3.064E-003 2.397E-003 1.916E-003
1.508E-003 1.206E-003 1.015E-003 7.717E-004 6.514E-004 5.647E-004
4.762E-004 3.670E-004 2.897E-004 2.131E-004 1.679E-004 1.355E-004
9.201E-005 7.718E-005 5.292E-005

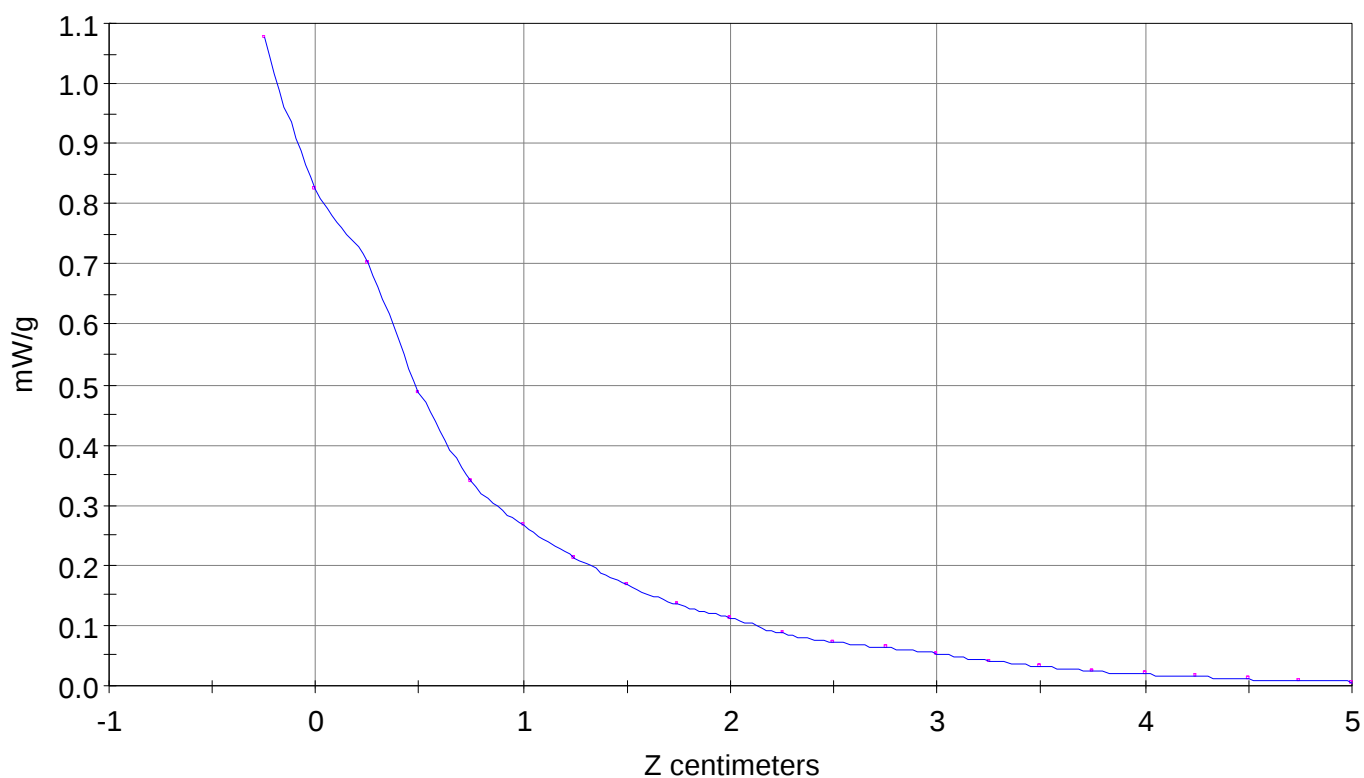
Calc. Voltage @ Surface (Vs) = 0.0097

Voltage @ 1.00 cm (Vt) = 0.0031

Ave. Voltage (Vs+Vt)/2 = 0.0064

Ave. SAR over 1 g (mW/g) = 0.7088

SAR Scan
File : 99121316_ZOOM
Start : 13-Dec-99 05:36:30 pm End : 13-Dec-99 05:50:34 pm
LGIC/LG-SP510/U4;1880MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121408_ZOOM.VLT
Start : 14-Dec-99 10:18:38 am End : 14-Dec-99 10:29:24 am

Radio Type : LGIC LG-SP510
FCC ID : FFMSP510
Serial Number : U4
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 :
LGIC SINGLE MODE PCS PHONE
CHAN. 1175 CDMA MODE
+24 dBM CONDUCTED

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 = 1.000, Y = 0.500, Z = 0.000 (cm) Value = 15.587

Measured Values (volts) =
1.460E-002 1.008E-002 6.924E-003 5.137E-003 3.983E-003 3.205E-003
2.407E-003 1.769E-003 1.274E-003 9.707E-004 7.079E-004 9.231E-004
4.276E-004 3.778E-004 3.003E-004 2.821E-004 2.445E-004 1.782E-004
1.081E-004 8.648E-005 1.342E-004

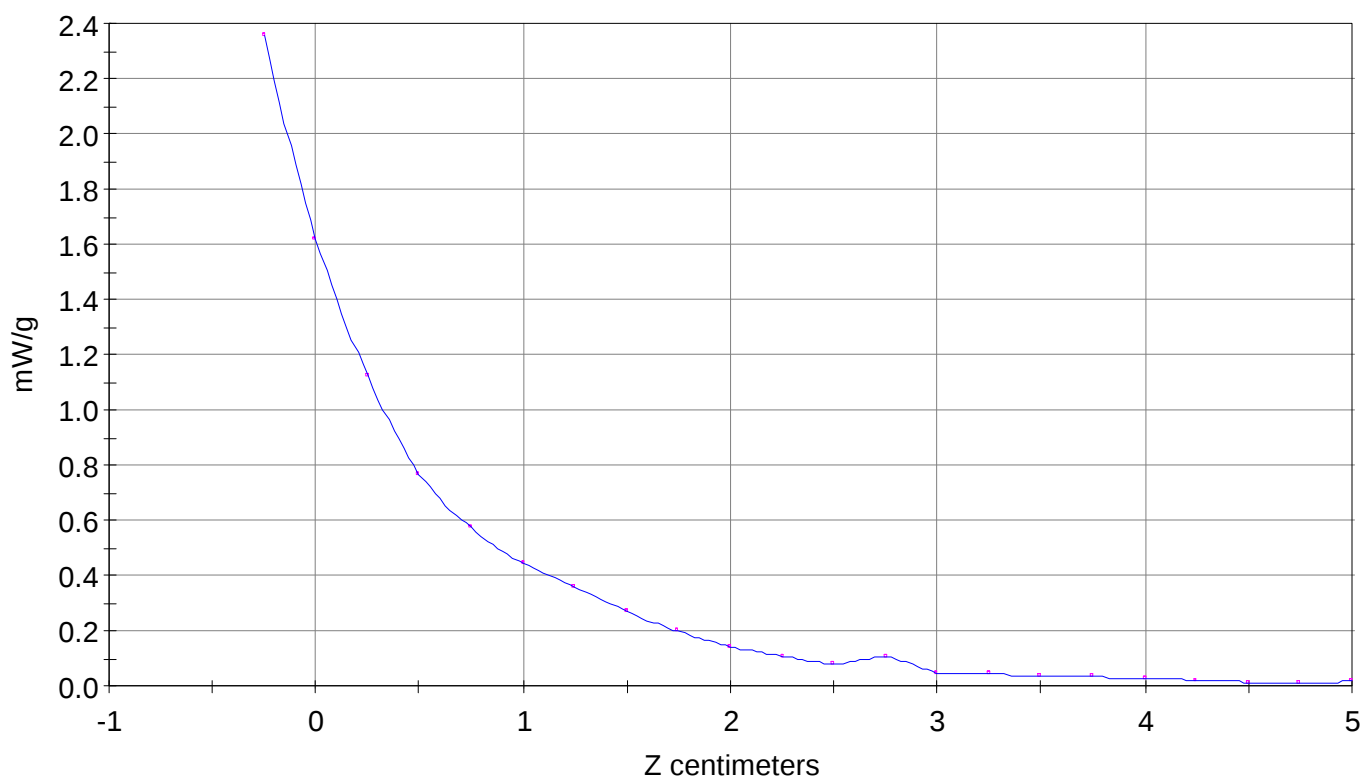
Calc. Voltage @ Surface (Vs) = 0.0212

Voltage @ 1.00 cm (Vt) = 0.0051

Ave. Voltage (Vs+Vt)/2 = 0.0132

Ave. SAR over 1 g (mW/g) = 1.4627

SAR Scan
File : 99121408_ZOOM
Start : 14-Dec-99 10:18:38 am End : 14-Dec-99 10:29:24 am
LGIC/LG-SP510/U4;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/99121409_ZOOM.VLT
Start : 14-Dec-99 10:32:44 am End : 14-Dec-99 10:43:48 am

Radio Type : LGIC LG-SP510
FCC ID : FFMSP510
Serial Number : U4
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 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 :
LGIC SINGLE MODE PCS PHONE -
CHAN. 1175 CDMA MODE
+24 dBM CONDUCTED

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 = 1.250, Y = 0.500, Z = 0.000 (cm) Value = 8.905

Measured Values (volts) =
8.318E-003 5.581E-003 3.757E-003 2.758E-003 2.075E-003 1.511E-003
1.136E-003 8.877E-004 6.317E-004 4.524E-004 3.601E-004 2.668E-004
2.236E-004 2.040E-004 1.627E-004 1.072E-004 6.903E-005 8.382E-005
6.133E-005 1.657E-005 3.277E-005

Calc. Voltage @ Surface (Vs) = 0.0124

Voltage @ 1.00 cm (Vt) = 0.0028

Ave. Voltage (Vs+Vt)/2 = 0.0076

Ave. SAR over 1 g (mW/g) = 0.8409

SAR Scan
File : 99121409_ZOOM
Start : 14-Dec-99 10:32:44 am End : 14-Dec-99 10:43:48 am
LGIC/LG-SP510/U4;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

