

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121708_ZOOM.VLT
Start : 17-Dec-99 02:30:46 pm End : 17-Dec-99 02:42:29 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGIC DUAL MODE PHONE
CHAN. 991 FM MODE
+26.0 dBM CONDUCTED

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

Max Location : X = 0.500, Y = -3.250, Z = 0.000 (cm) Value = 21.704

Measured Values (volts) =
2.077E-002 1.783E-002 1.428E-002 1.144E-002 9.623E-003 8.127E-003
7.357E-003 6.837E-003 6.459E-003 5.739E-003 5.080E-003 4.345E-003
3.502E-003 2.571E-003 1.390E-003 1.042E-003 8.564E-004 9.802E-004
1.350E-003 1.773E-003 2.046E-003

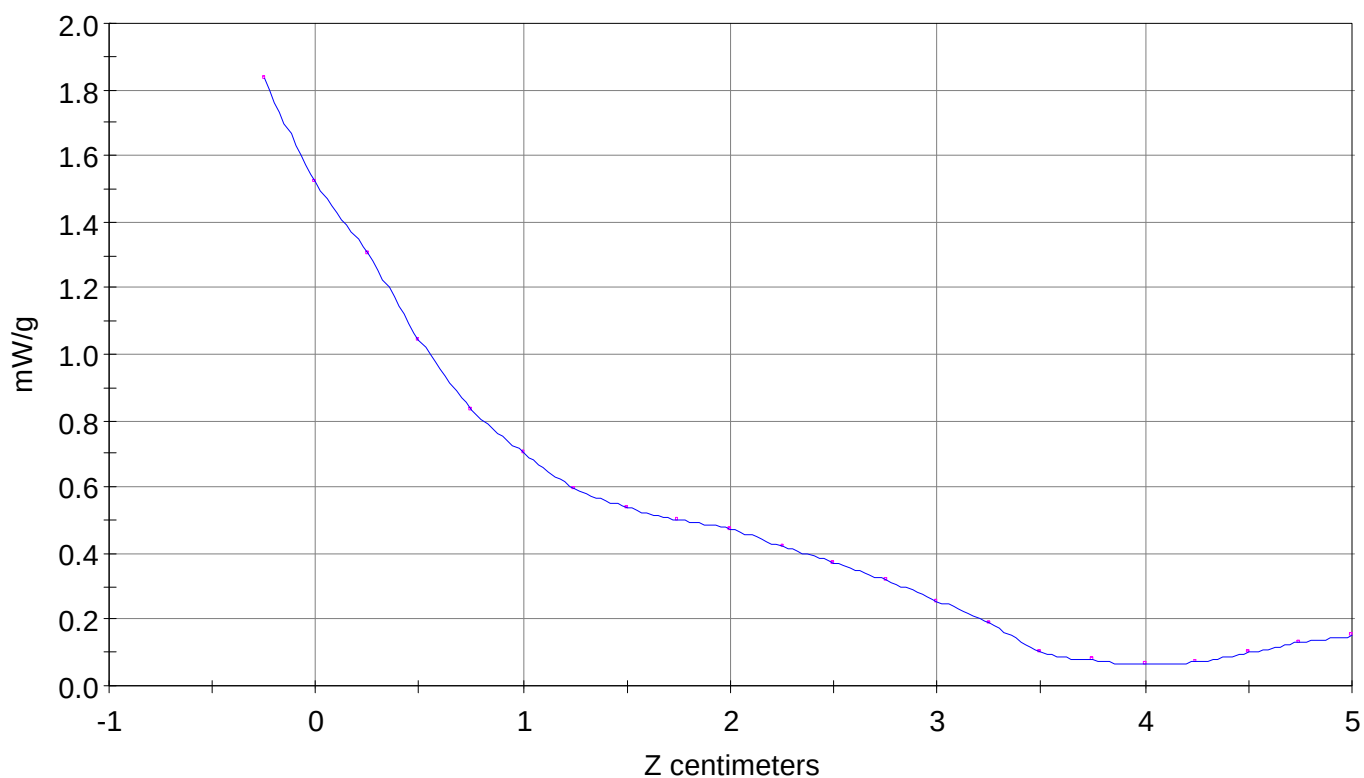
Calc. Voltage @ Surface (Vs) = 0.0251

Voltage @ 1.00 cm (Vt) = 0.0114

Ave. Voltage (Vs+Vt)/2 = 0.0183

Ave. SAR over 1 g (mW/g) = 1.3352

SAR Scan
File : 99121708_ZOOM
Start : 17-Dec-99 02:30:46 pm End : 17-Dec-99 02:42:29 pm
LGIC/LG-DM112/01;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121705_ZOOM.VLT
Start : 17-Dec-99 12:17:08 pm End : 17-Dec-99 12:28:52 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
LGIC DUAL MODE PHONE
CHAN. 991 FM MODE
+26.0 dBM CONDUCTED

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

Max Location : X = 0.500, Y = -3.000, Z = 0.000 (cm) Value = 19.880

Measured Values (volts) =
1.771E-002 1.480E-002 1.163E-002 9.321E-003 7.667E-003 6.571E-003
5.871E-003 5.402E-003 5.154E-003 4.844E-003 4.388E-003 3.715E-003
2.927E-003 2.136E-003 1.545E-003 8.608E-004 7.080E-004 7.724E-004
1.027E-003 1.385E-003 1.681E-003

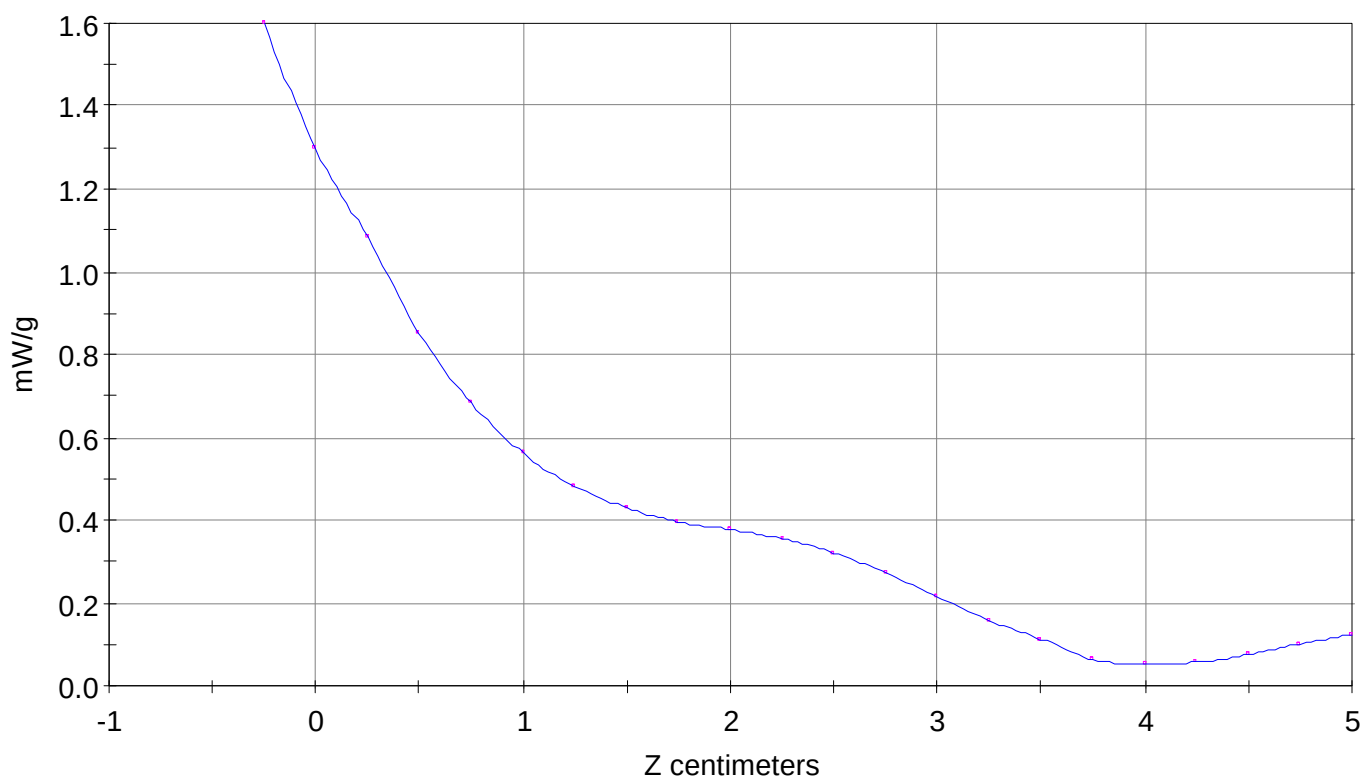
Calc. Voltage @ Surface (Vs) = 0.0219

Voltage @ 1.00 cm (Vt) = 0.0093

Ave. Voltage (Vs+Vt)/2 = 0.0156

Ave. SAR over 1 g (mW/g) = 1.1407

SAR Scan
File : 99121705_ZOOM
Start : 17-Dec-99 12:17:08 pm End : 17-Dec-99 12:28:52 pm
LGIC/LG--DM112/01;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121702_ZOOM.VLT
Start : 17-Dec-99 11:16:03 am End : 17-Dec-99 11:27:39 am

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 836.49 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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGIC DUAL MODE PHONE
CHAN. 383 FM MODE
+26.0 dBM CONDUCTED

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

Max Location : X = 0.500, Y = -3.000, Z = 0.000 (cm) Value = 22.394

Measured Values (volts) =
2.228E-002 1.834E-002 1.475E-002 1.178E-002 9.526E-003 7.970E-003
7.085E-003 6.425E-003 6.066E-003 5.661E-003 5.131E-003 4.348E-003
3.482E-003 2.518E-003 1.707E-003 1.089E-003 8.676E-004 8.891E-004
1.218E-003 1.765E-003 1.925E-003

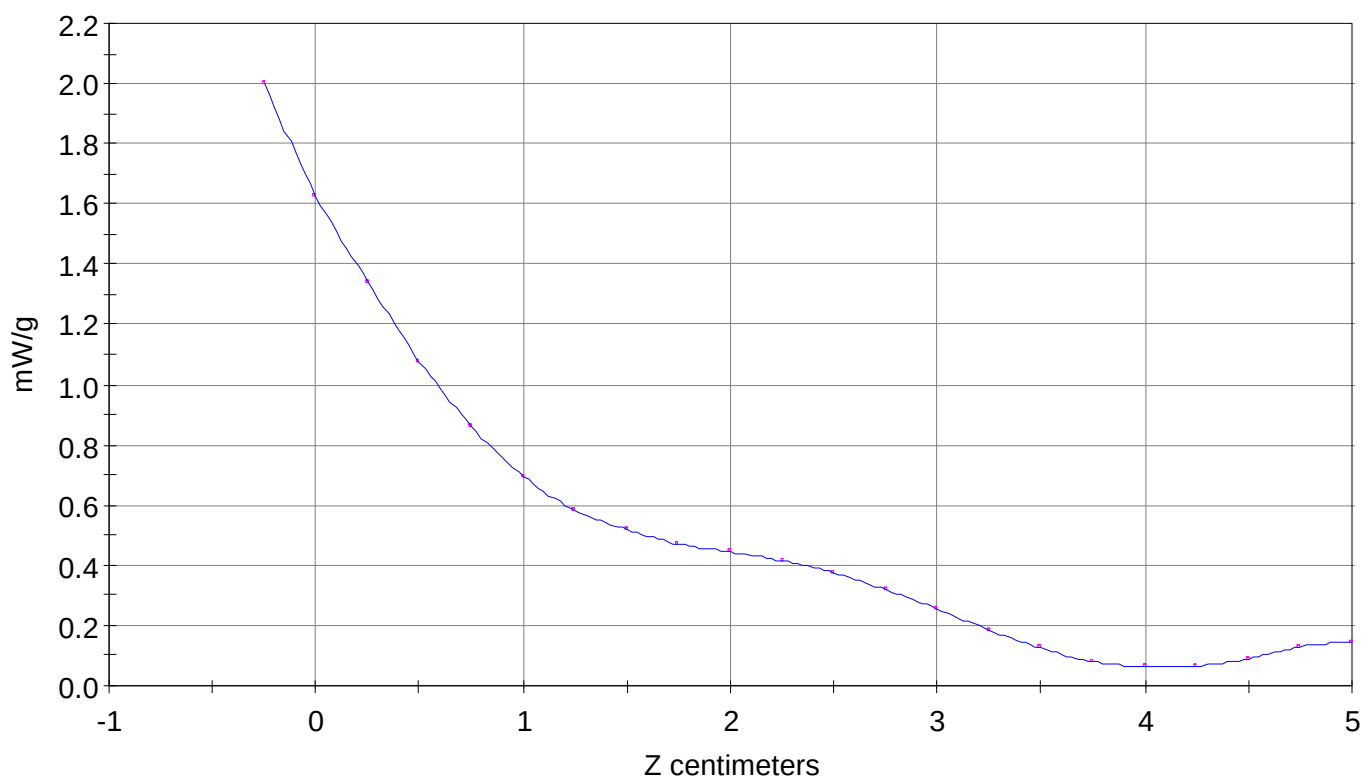
Calc. Voltage @ Surface (Vs) = 0.0274

Voltage @ 1.00 cm (Vt) = 0.0118

Ave. Voltage (Vs+Vt)/2 = 0.0196

Ave. SAR over 1 g (mW/g) = 1.4323

SAR Scan
File : 99121702_ZOOM
Start : 17-Dec-99 11:16:03 am End : 17-Dec-99 11:27:39 am
LGIC/LG--DM112/01;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121703_ZOOM.VLT
Start : 17-Dec-99 11:49:02 am End : 17-Dec-99 12:00:22 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
LGIC DUAL MODE PHONE
CHAN. 383 FM MODE
+26.0 dBM CONDUCTED

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

Max Location : X = 0.750, Y = -3.250, Z = 0.000 (cm) Value = 22.772

Measured Values (volts) =
2.252E-002 1.871E-002 1.471E-002 1.217E-002 9.853E-003 8.609E-003
7.800E-003 7.250E-003 6.885E-003 6.446E-003 5.609E-003 4.710E-003
3.722E-003 2.616E-003 1.683E-003 1.164E-003 1.030E-003 1.278E-003
1.694E-003 2.182E-003 2.374E-003

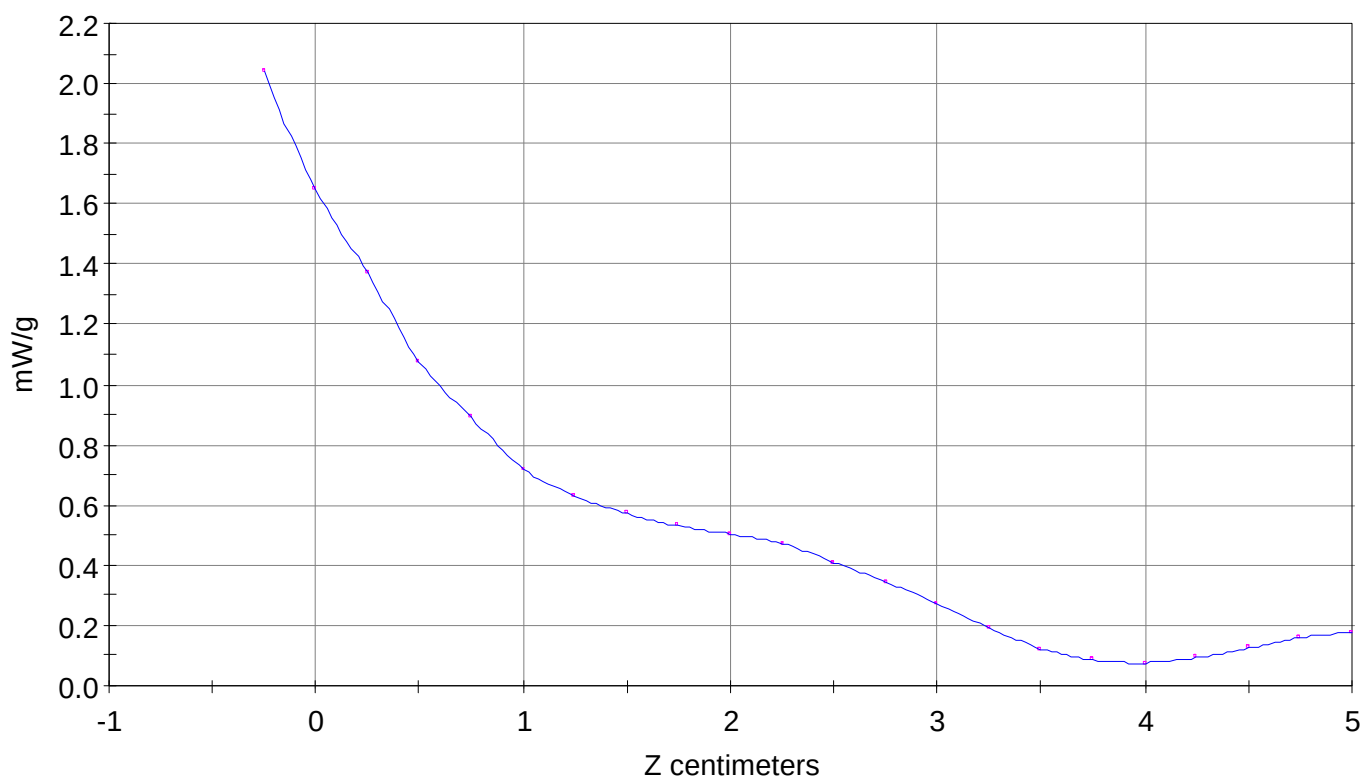
Calc. Voltage @ Surface (Vs) = 0.0279

Voltage @ 1.00 cm (Vt) = 0.0122

Ave. Voltage (Vs+Vt)/2 = 0.0200

Ave. SAR over 1 g (mW/g) = 1.4645

SAR Scan
File : 99121703_ZOOM
Start : 17-Dec-99 11:49:02 am End : 17-Dec-99 12:00:22 pm
LGIC/LG--DM112/01;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

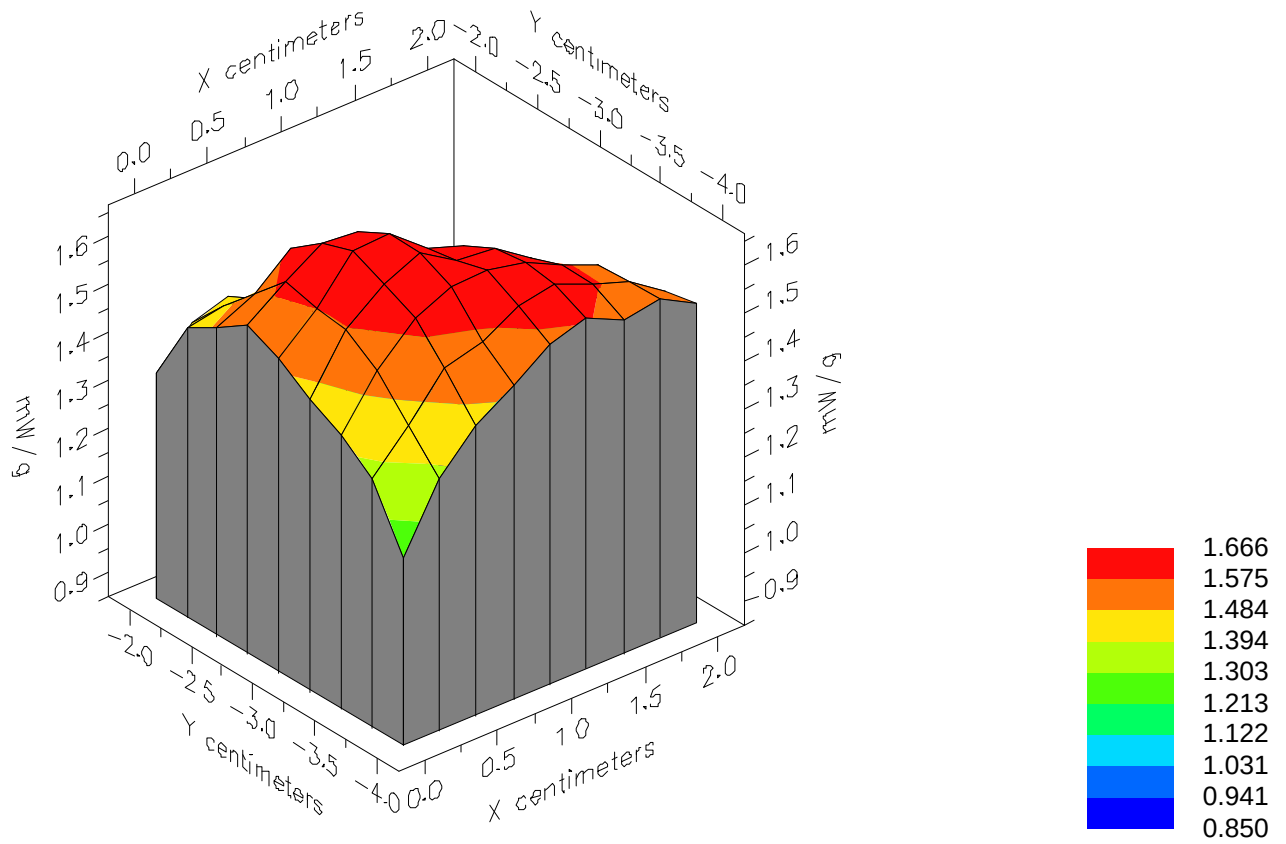


File : 99121703_ZOOM

Start : 17-Dec-99 11:49:02 am End : 17-Dec-99 12:00:22 pm

LGIC/LG--DM112/01;836.49MHz;W;Helical/Out;

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

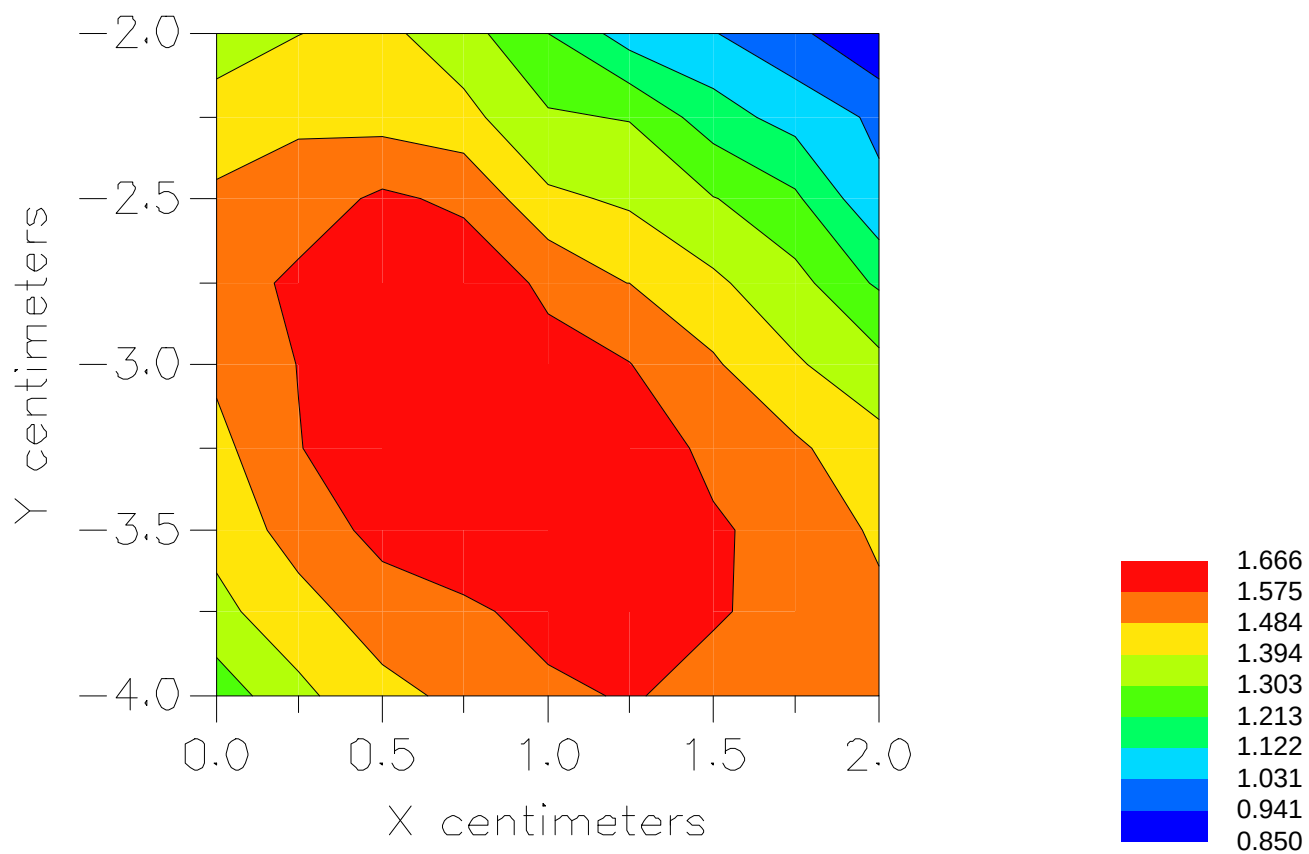


File : 99121703_ZOOM

Start : 17-Dec-99 11:49:02 am End : 17-Dec-99 12:00:22 pm

LGIC/LG--DM112/01;836.49MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121709_ZOOM.VLT
Start : 17-Dec-99 02:47:21 pm End : 17-Dec-99 02:59:03 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 848.97 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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGIC DUAL MODE PHONE
CHAN. 799 FM MODE
+26.0 dBM CONDUCTED

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

Max Location : X = 1.000, Y = -3.500, Z = 0.000 (cm) Value = 21.847

Measured Values (volts) =
2.181E-002 1.825E-002 1.411E-002 1.151E-002 9.659E-003 8.505E-003
7.678E-003 7.195E-003 6.791E-003 6.177E-003 5.451E-003 4.351E-003
3.308E-003 2.261E-003 1.513E-003 1.069E-003 1.044E-003 1.355E-003
1.815E-003 2.222E-003 2.285E-003

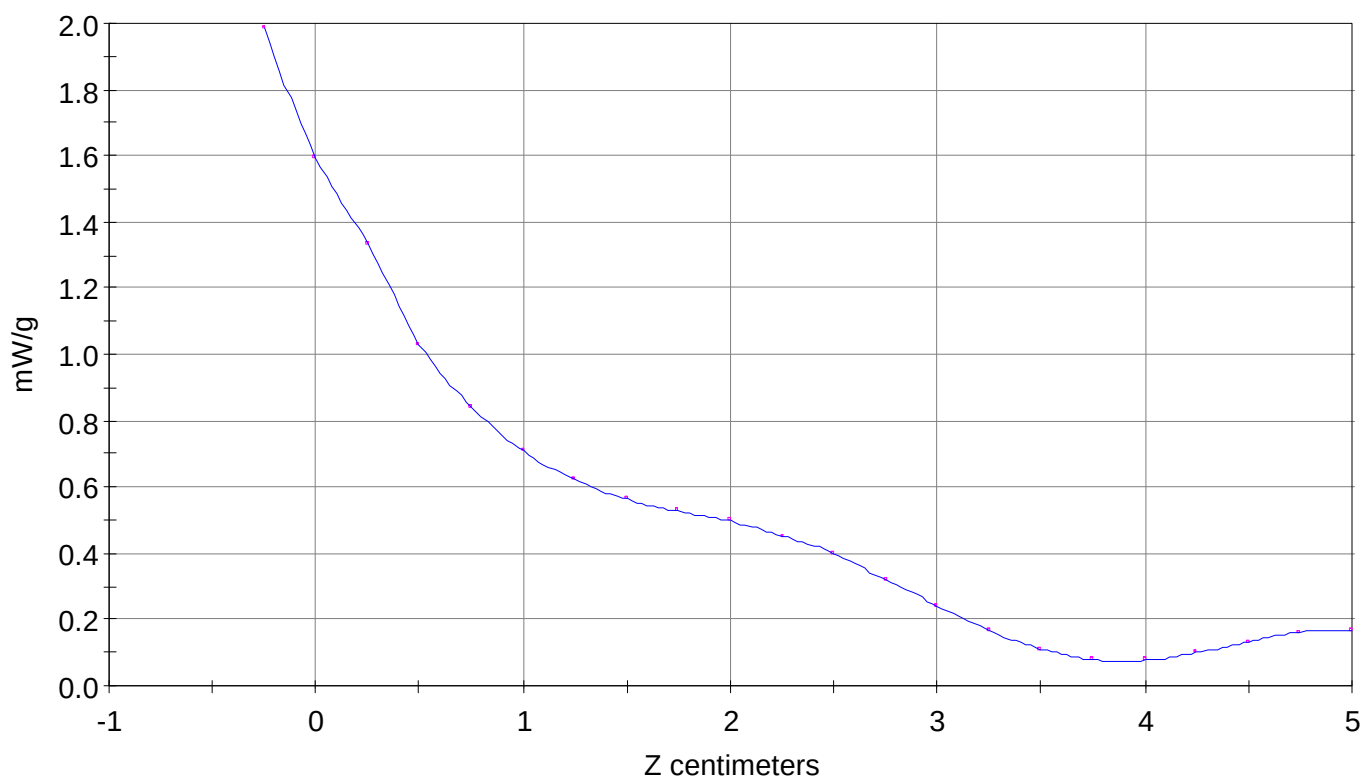
Calc. Voltage @ Surface (Vs) = 0.0271

Voltage @ 1.00 cm (Vt) = 0.0115

Ave. Voltage (Vs+Vt)/2 = 0.0193

Ave. SAR over 1 g (mW/g) = 1.4136

SAR Scan
File : 99121709_ZOOM
Start : 17-Dec-99 02:47:21 pm End : 17-Dec-99 02:59:03 pm
LGIC/LG-DM112/01;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121710_ZOOM.VLT
Start : 17-Dec-99 03:22:24 pm End : 17-Dec-99 03:33:38 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
LGIC DUAL MODE PHONE
CHAN. 799 FM MODE
+26.0 dBM CONDUCTED

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

Max Location : X = 0.500, Y = -3.000, Z = 0.000 (cm) Value = 22.063

Measured Values (volts) =
2.185E-002 1.893E-002 1.514E-002 1.182E-002 9.511E-003 8.052E-003
6.938E-003 6.362E-003 6.055E-003 5.834E-003 5.398E-003 4.828E-003
3.875E-003 3.024E-003 2.146E-003 1.446E-003 1.075E-003 1.026E-003
1.316E-003 1.734E-003 2.075E-003

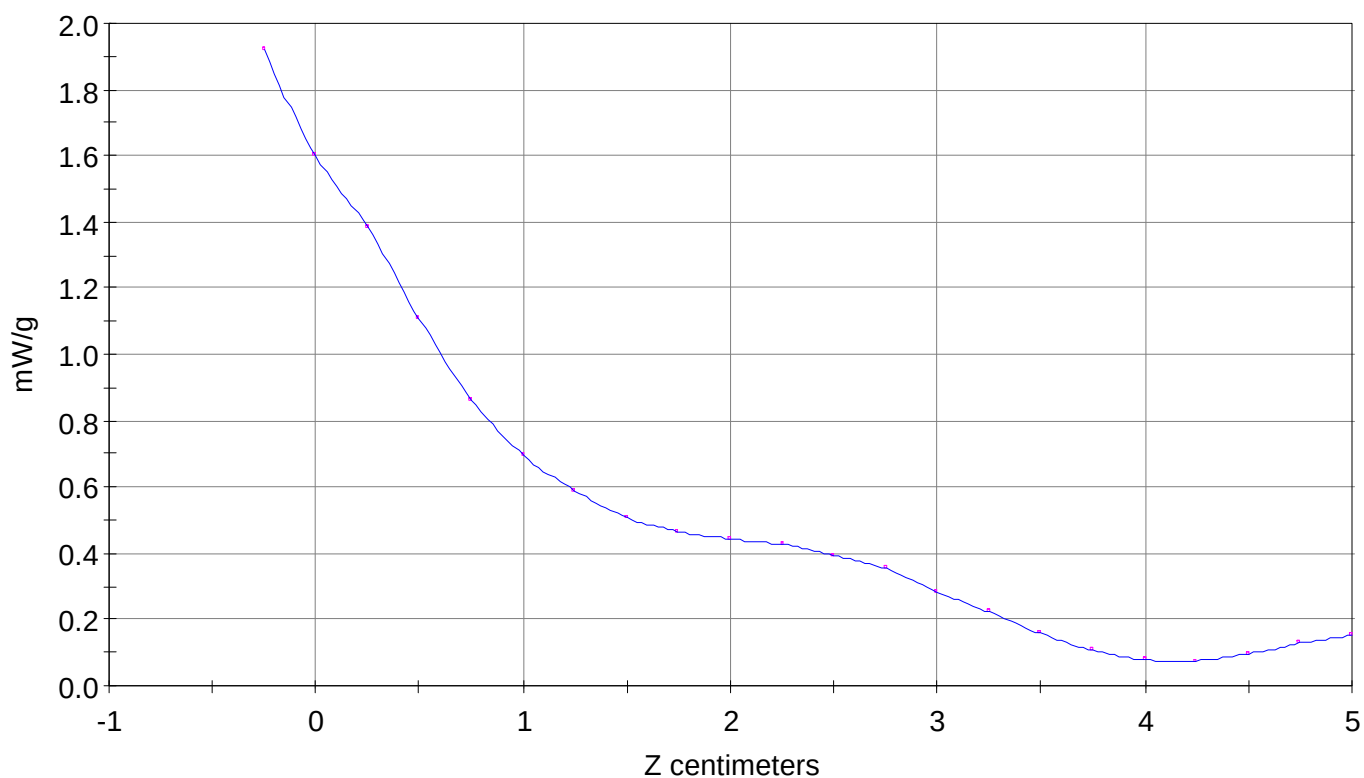
Calc. Voltage @ Surface (Vs) = 0.0263

Voltage @ 1.00 cm (Vt) = 0.0118

Ave. Voltage (Vs+Vt)/2 = 0.0190

Ave. SAR over 1 g (mW/g) = 1.3929

SAR Scan
File : 99121710_ZOOM
Start : 17-Dec-99 03:22:24 pm End : 17-Dec-99 03:33:38 pm
LGIC/LG-DM112/01;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99121715_ZOOM.VLT
Start : 17-Dec-99 04:43:25 pm End : 17-Dec-99 04:55:48 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
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 :
LGIC DUAL MODE PHONE
CHAN. 363 CDMA MODE
+25.0 dBM CONDUCTED

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

Max Location : X = 0.500, Y = -3.000, Z = 0.000 (cm) Value = 19.683

Measured Values (volts) =
1.946E-002 1.713E-002 1.348E-002 1.055E-002 8.672E-003 7.285E-003
6.404E-003 5.807E-003 5.444E-003 5.123E-003 4.636E-003 4.026E-003
3.173E-003 2.378E-003 1.625E-003 1.049E-003 7.801E-004 7.663E-004
9.855E-004 1.346E-003 1.586E-003

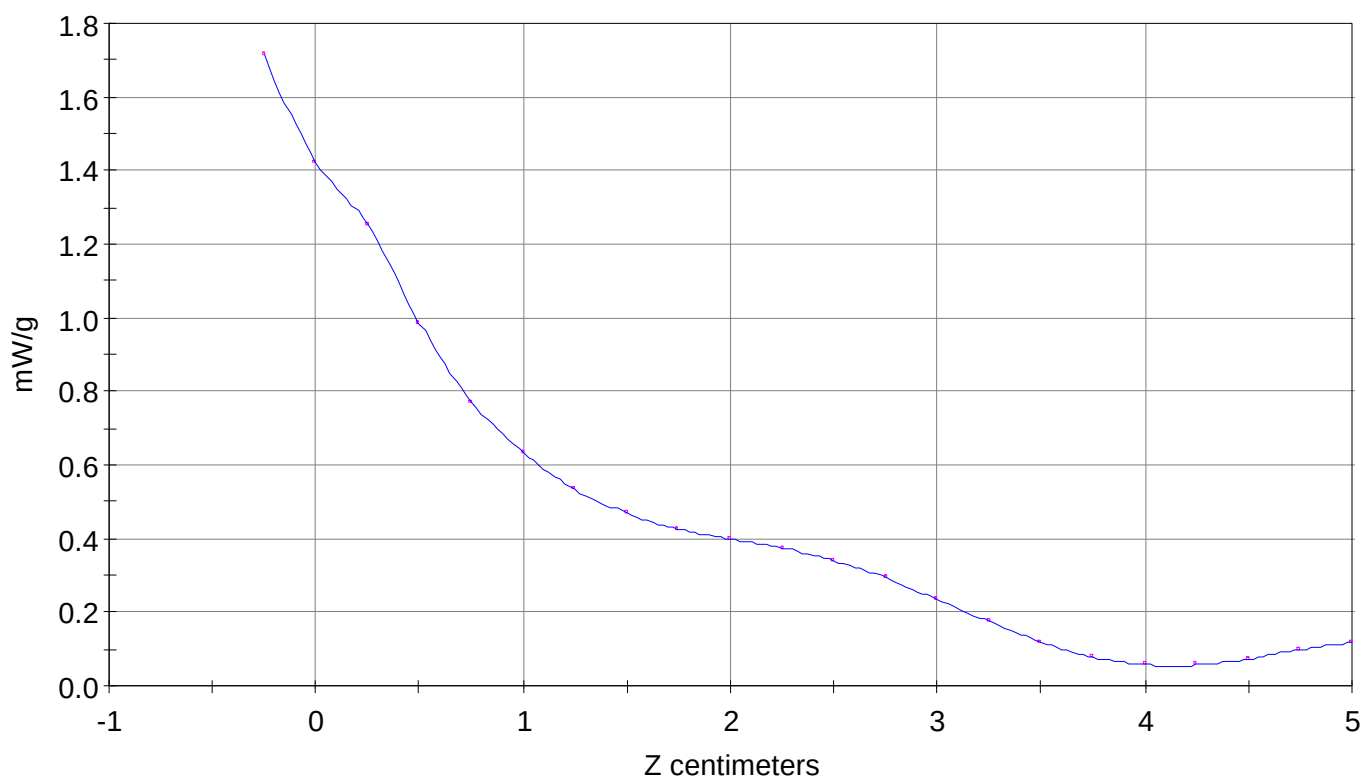
Calc. Voltage @ Surface (Vs) = 0.0234

Voltage @ 1.00 cm (Vt) = 0.0105

Ave. Voltage (Vs+Vt)/2 = 0.0170

Ave. SAR over 1 g (mW/g) = 1.2424

SAR Scan
File : 99121715_ZOOM
Start : 17-Dec-99 04:43:25 pm End : 17-Dec-99 04:55:48 pm
LGIC/LG-DM112/01;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/99121714_ZOOM.VLT
Start : 17-Dec-99 04:26:52 pm End : 17-Dec-99 04:39:16 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
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 :
LGIC DUAL MODE PHONE
CHAN. 363 CDMA MODE
+25.0 dBM CONDUCTED

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

Max Location : X = 0.750, Y = -3.000, Z = 0.000 (cm) Value = 19.263

Measured Values (volts) =
1.919E-002 1.575E-002 1.248E-002 1.003E-002 8.359E-003 7.148E-003
6.422E-003 6.025E-003 5.628E-003 5.242E-003 4.531E-003 3.824E-003
2.899E-003 2.086E-003 1.297E-003 8.856E-004 8.007E-004 9.786E-004
1.314E-003 1.684E-003 1.838E-003

Calc. Voltage @ Surface (Vs) = 0.0238

Voltage @ 1.00 cm (Vt) = 0.0100

Ave. Voltage (Vs+Vt)/2 = 0.0169

Ave. SAR over 1 g (mW/g) = 1.2371

SAR Scan
File : 99121714_ZOOM
Start : 17-Dec-99 04:26:52 pm End : 17-Dec-99 04:39:16 pm
LGIC/LG-DM112/01;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

