

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98042307_ZOOM.VLT
Start : 23-Apr-98 12:55:52 pm End : 23-Apr-98 01:06:24 pm

Radio Type : HYUNDAI
Model Number : HGP-1200E
Serial Number : 0005
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 = 1.260

Comment :
CHAN 0025 PCS PHONE
CDMA MODE
PCTEST SAR Measurement Laboratory

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 = 3.750, Y = -0.250, Z = 0.000 (cm) Value = 9.549

Measured Values (volts) =
9.524E-003 2.635E-003 6.906E-004 1.574E-004 6.094E-005 4.857E-005
1.266E-005 2.043E-005 0.000E+000 4.578E-006 6.714E-006

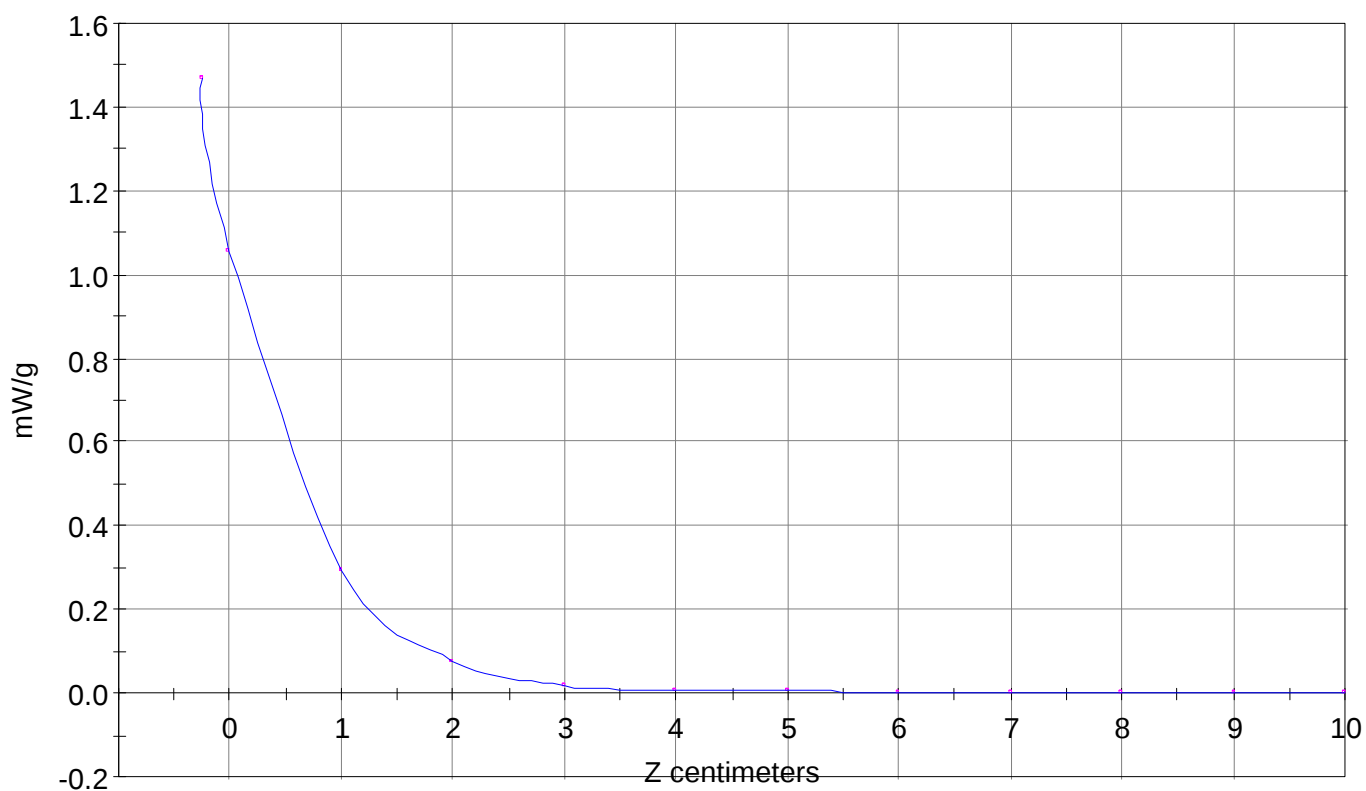
Calc. Voltage @ Surface (Vs) = 0.0132

Voltage @ 1.00 cm (Vt) = 0.0044

Ave. Voltage (Vs+Vt)/2 = 0.0088

Ave. SAR over 1 g (mW/g) = 0.9766

SAR Scan
File : 98042307_ZOOM
Start : 23-Apr-98 12:55:52 pm End : 23-Apr-98 01:06:24 pm
HYUNDAI/HGP-1200E/0005;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.260

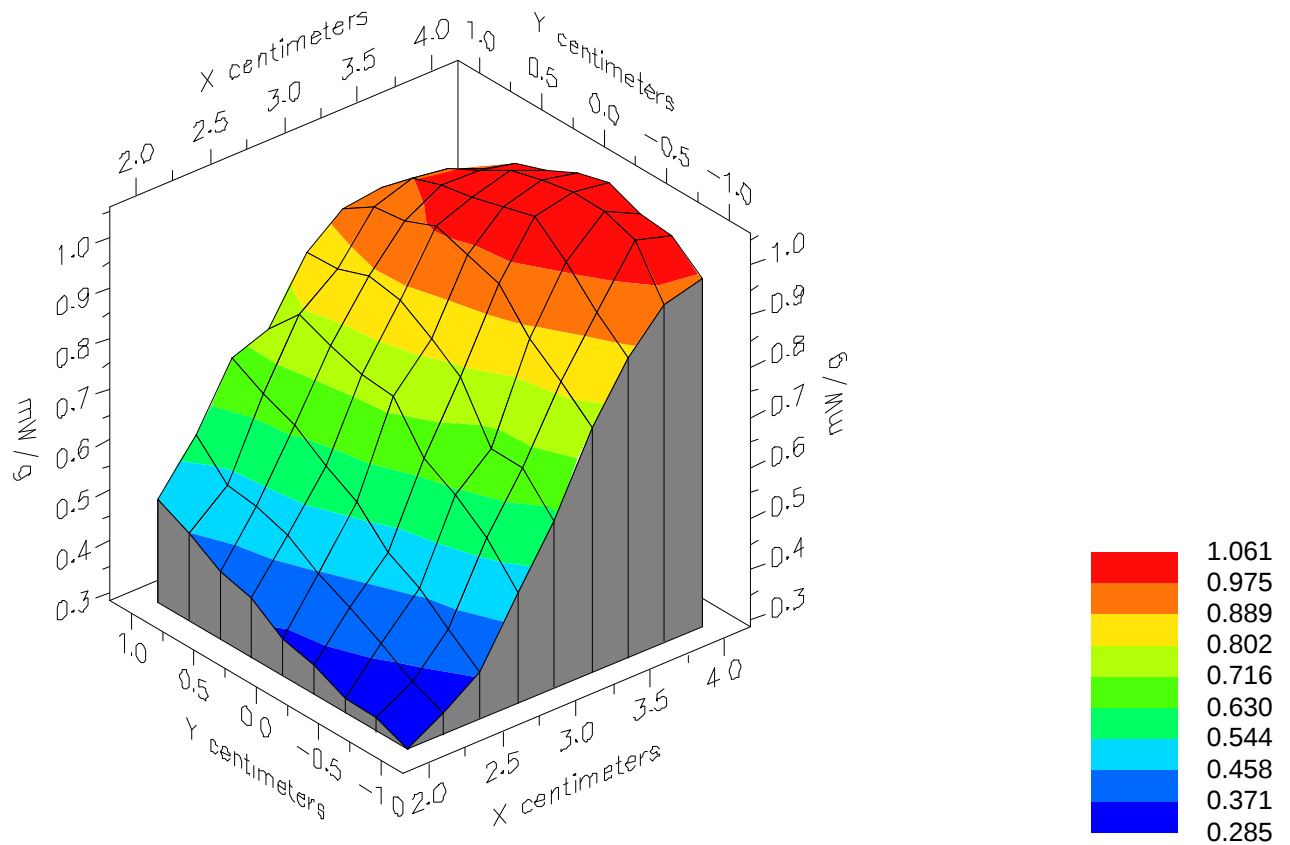


File : 98042307_ZOOM

Start : 23-Apr-98 12:55:52 pm End : 23-Apr-98 01:06:24 pm

HYUNDAI/HGP-1200E/0005;1851.25MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.260

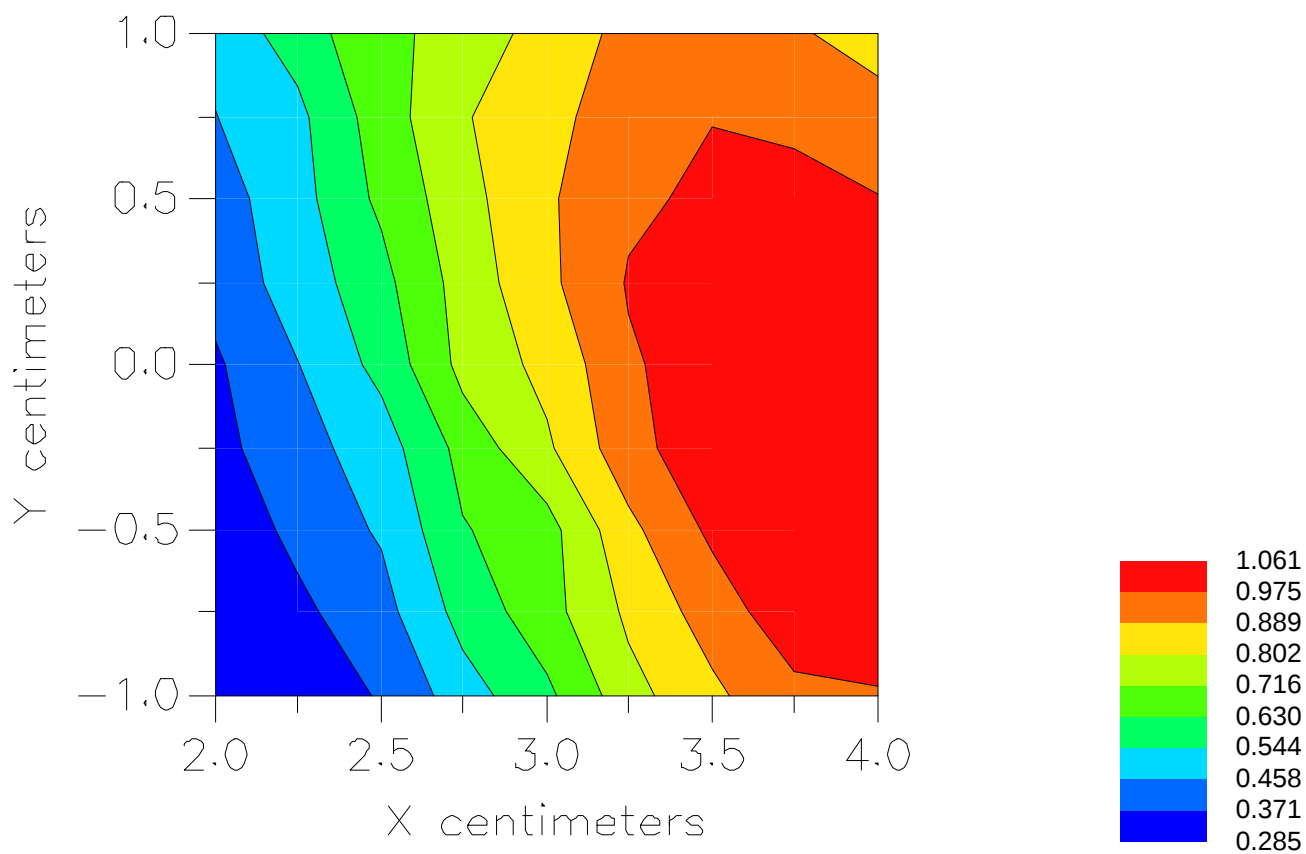


File : 98042307_ZOOM

Start : 23-Apr-98 12:55:52 pm End : 23-Apr-98 01:06:24 pm

HYUNDAI/HGP-1200E/0005;1851.25MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.260



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98042309_ZOOM.VLT
Start : 23-Apr-98 01:34:24 pm End : 23-Apr-98 01:45:05 pm

Radio Type : HYUNDAI
Model Number : HGP-1200E
Serial Number : 0005
Frequency : 1880 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 = 1.260

Comment :
CHAN 0600 PCS PHONE
CDMA MODE
PCTEST SAR Measurement Laboratory

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 = 3.000, Y = 0.500, Z = 0.000 (cm) Value = 7.661

Measured Values (volts) =
7.485E-003 2.131E-003 5.644E-004 8.143E-005 5.269E-005 1.279E-005
1.236E-006 1.675E-005 0.000E+000 1.129E-005 2.830E-005

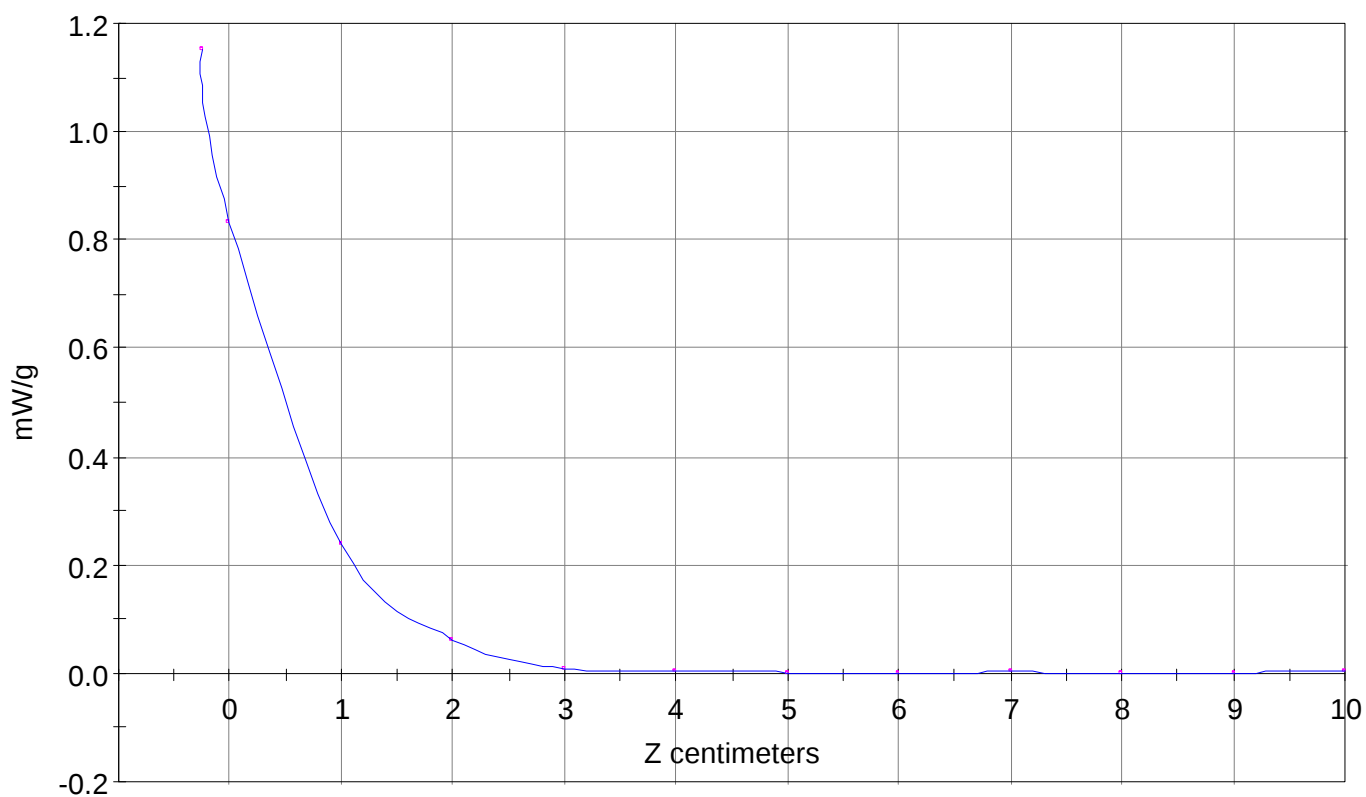
Calc. Voltage @ Surface (Vs) = 0.0103

Voltage @ 1.00 cm (Vt) = 0.0035

Ave. Voltage (Vs+Vt)/2 = 0.0069

Ave. SAR over 1 g (mW/g) = 0.7673

SAR Scan
File : 98042309_ZOOM
Start : 23-Apr-98 01:34:24 pm End : 23-Apr-98 01:45:05 pm
HYUNDAI/HGP-1200E/0005;1880MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.260



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98042311_ZOOM.VLT
Start : 23-Apr-98 03:25:39 pm End : 23-Apr-98 03:36:27 pm

Radio Type : HYUNDAI
Model Number : HGP-1200E
Serial Number : 0005
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 = 1.260

Comment :
CHAN 1175 PCS PHONE
CDMA MODE
PCTEST SAR Measurement Laboratory

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 = 3.750, Y = 0.750, Z = 0.000 (cm) Value = 7.710

Measured Values (volts) =
7.481E-003 1.816E-003 4.302E-004 1.190E-004 1.058E-004 3.043E-005
6.633E-005 2.045E-005 0.000E+000 7.537E-006 0.000E+000

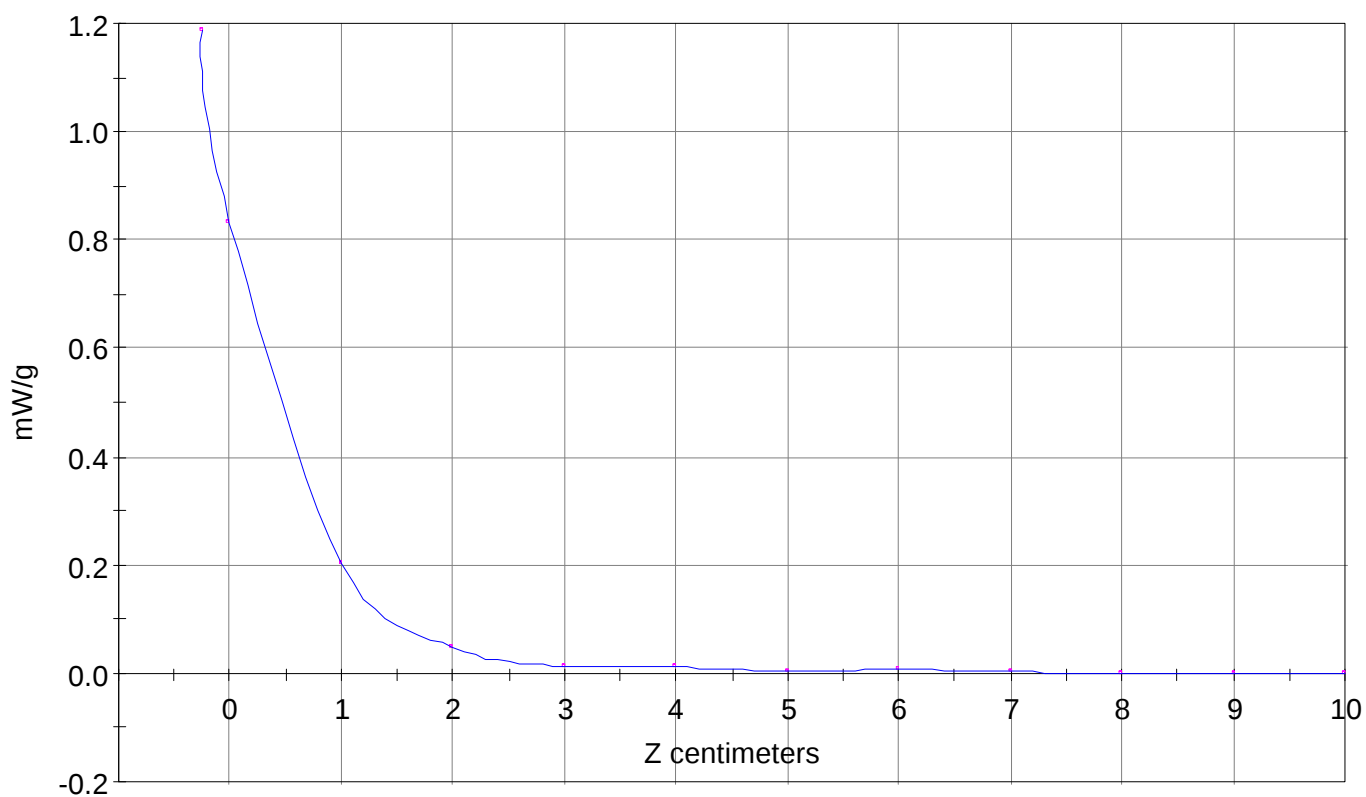
Calc. Voltage @ Surface (Vs) = 0.0107

Voltage @ 1.00 cm (Vt) = 0.0032

Ave. Voltage (Vs+Vt)/2 = 0.0070

Ave. SAR over 1 g (mW/g) = 0.7736

SAR Scan
File : 98042311_ZOOM
Start : 23-Apr-98 03:25:39 pm End : 23-Apr-98 03:36:27 pm
HYUNDAI/HGP-1200E/0005;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.260



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98042312_ZOOM.VLT
Start : 23-Apr-98 03:43:37 pm End : 23-Apr-98 03:54:56 pm

Radio Type : HYUNDAI
Model Number : HGP-1200E
Serial Number : 0005
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 = 1.260

Comment :
CHAN 1175 PCS PHONE
CDMA MODE
PCTEST SAR Measurement Laboratory

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 = 3.000, Y = 1.250, Z = 0.000 (cm) Value = 6.739

Measured Values (volts) =
6.711E-003 1.765E-003 4.103E-004 1.014E-004 3.600E-005 4.585E-006
2.762E-005 1.921E-004 1.706E-004 2.228E-005 1.005E-004

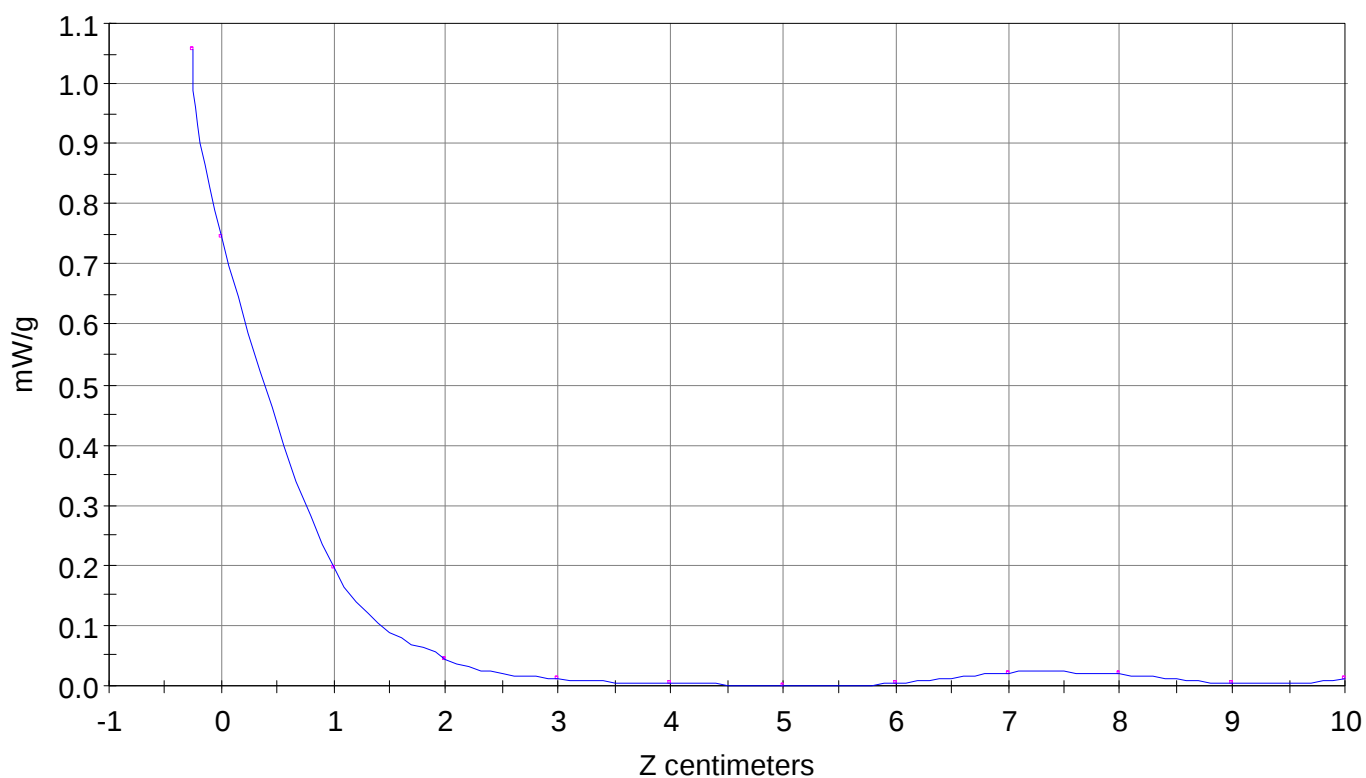
Calc. Voltage @ Surface (Vs) = 0.0095

Voltage @ 1.00 cm (Vt) = 0.0030

Ave. Voltage (Vs+Vt)/2 = 0.0063

Ave. SAR over 1 g (mW/g) = 0.6958

SAR Scan
File : 98042312_ZOOM
Start : 23-Apr-98 03:43:37 pm End : 23-Apr-98 03:54:56 pm
HYUNDAI/HGP-1200E/0005;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.260



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98042401_ZOOM.VLT
Start : 24-Apr-98 08:35:27 am End : 24-Apr-98 08:42:03 am

Radio Type : HYUNDAI
Model Number : HGP-1200E
Serial Number : 0005
Frequency : 1880 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 = 1.260

Comment :
CHAN 0600 PCS PHONE
CDMA MODE
PCTEST SAR Measurement Laboratory

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 = 2.750, Y = 2.000, Z = 0.000 (cm) Value = 7.670

Measured Values (volts) =
6.969E-003 1.751E-003 4.172E-004 1.536E-004 6.813E-005 2.609E-005
4.173E-005 2.438E-005 1.278E-005 0.000E+000 0.000E+000

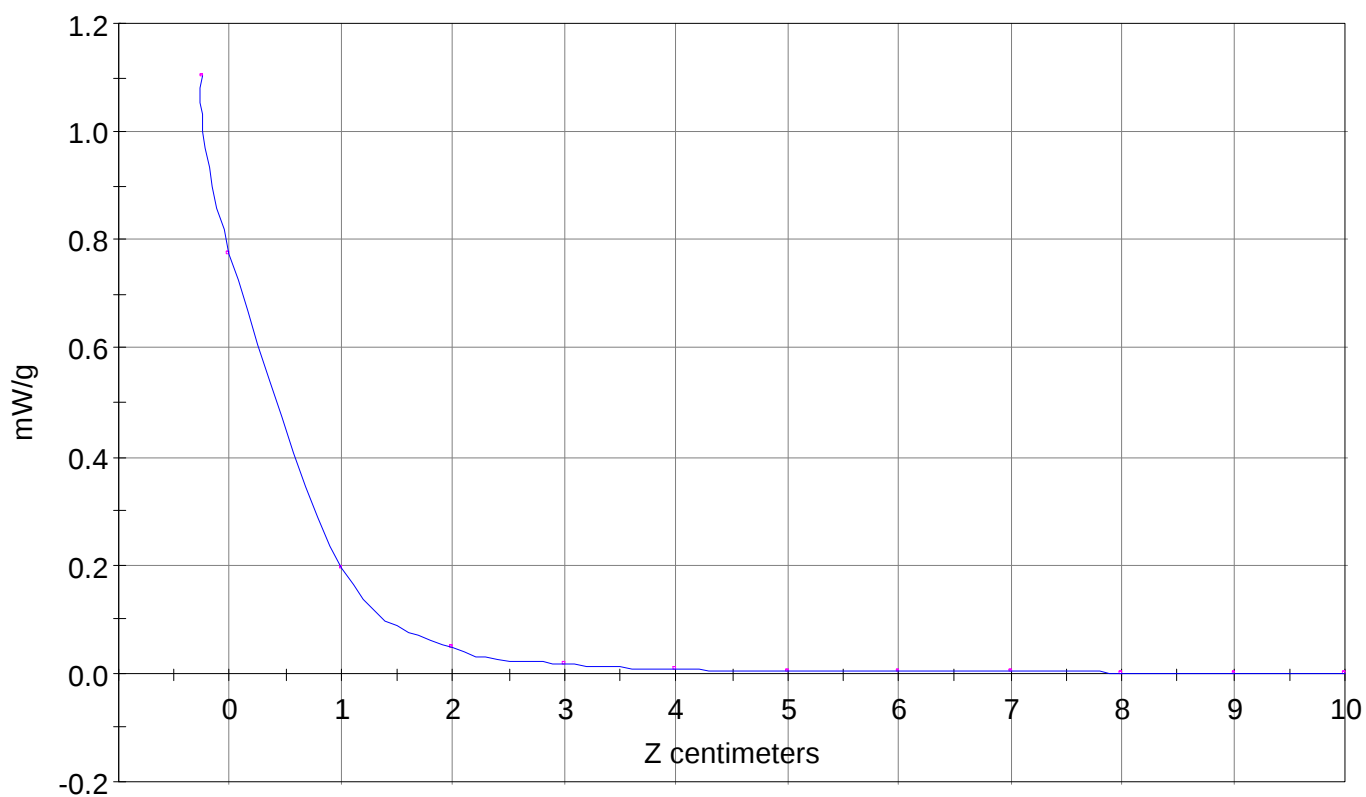
Calc. Voltage @ Surface (Vs) = 0.0099

Voltage @ 1.00 cm (Vt) = 0.0031

Ave. Voltage (Vs+Vt)/2 = 0.0065

Ave. SAR over 1 g (mW/g) = 0.7203

SAR Scan
File : 98042401_ZOOM
Start : 24-Apr-98 08:35:27 am End : 24-Apr-98 08:42:03 am
HYUNDAI/HGP-1200E/0005;1880MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.260



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98042402_ZOOM.VLT
Start : 24-Apr-98 08:50:11 am End : 24-Apr-98 08:56:48 am

Radio Type : HYUNDAI
Model Number : HGP-1200E
Serial Number : 0005
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 = 1.260

Comment :
CHAN 0025 PCS PHONE
CDMA MODE
PCTEST SAR Measurement Laboratory

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 = 2.750, Y = 2.000, Z = 0.000 (cm) Value = 6.191

Measured Values (volts) =
5.883E-003 1.494E-003 3.491E-004 5.259E-005 1.774E-005 2.515E-005
1.948E-005 0.000E+000 2.942E-005 7.822E-006 1.536E-005

Calc. Voltage @ Surface (Vs) = 0.0084

Voltage @ 1.00 cm (Vt) = 0.0026

Ave. Voltage (Vs+Vt)/2 = 0.0055

Ave. SAR over 1 g (mW/g) = 0.6092

SAR Scan
File : 98042402_ZOOM
Start : 24-Apr-98 08:50:11 am End : 24-Apr-98 08:56:48 am
HYUNDAI/HGP-1200E/0005;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.260

