

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99011308_ZOOM.VLT
Start : 13-Jan-99 11:23:25 am End : 13-Jan-99 11:36:13 am

Radio Type : HANWHA
Model Number : HWC-1000
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
HANWHA DUAL MODE PHONE
CHANNEL 991 FM MODE
PCTEST

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 = -1.750, Z = 0.000 (cm) Value = 21.360

Measured Values (volts) =
2.082E-002 1.668E-002 1.357E-002 1.091E-002 8.929E-003 7.288E-003
6.037E-003 5.055E-003 4.436E-003 4.006E-003 3.683E-003 3.407E-003
3.060E-003 2.639E-003 2.247E-003 1.624E-003 1.092E-003 7.289E-004
4.633E-004 3.841E-004 4.629E-004

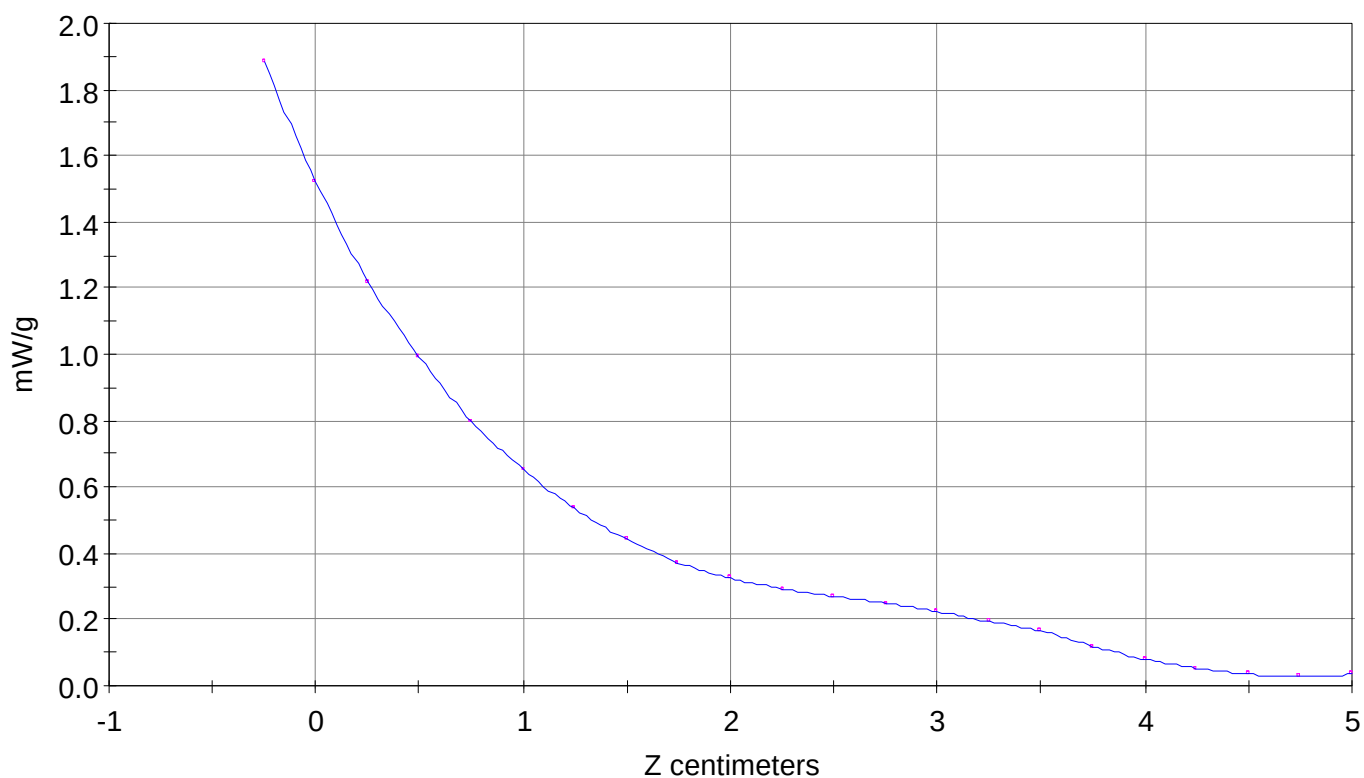
Calc. Voltage @ Surface (Vs) = 0.0258

Voltage @ 1.00 cm (Vt) = 0.0109

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

Ave. SAR over 1 g (mW/g) = 1.3426

SAR Scan
File : 99011308_ZOOM
Start : 13-Jan-99 11:23:25 am End : 13-Jan-99 11:36:13 am
HANWHA/HWC-1000/001;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/99011309_ZOOM.VLT
Start : 13-Jan-99 11:37:54 am End : 13-Jan-99 11:49:38 am

Radio Type : HANWHA
Model Number : HWC-1000
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
HANWHA DUAL MODE PHONE
CHANNEL 991 FM MODE
PCTEST

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 = -1.250, Z = 0.000 (cm) Value = 16.956

Measured Values (volts) =
1.625E-002 1.331E-002 1.108E-002 9.238E-003 7.473E-003 6.071E-003
5.025E-003 4.144E-003 3.547E-003 3.241E-003 3.009E-003 2.870E-003
2.770E-003 2.453E-003 2.069E-003 1.676E-003 1.285E-003 8.059E-004
5.057E-004 3.016E-004 2.965E-004

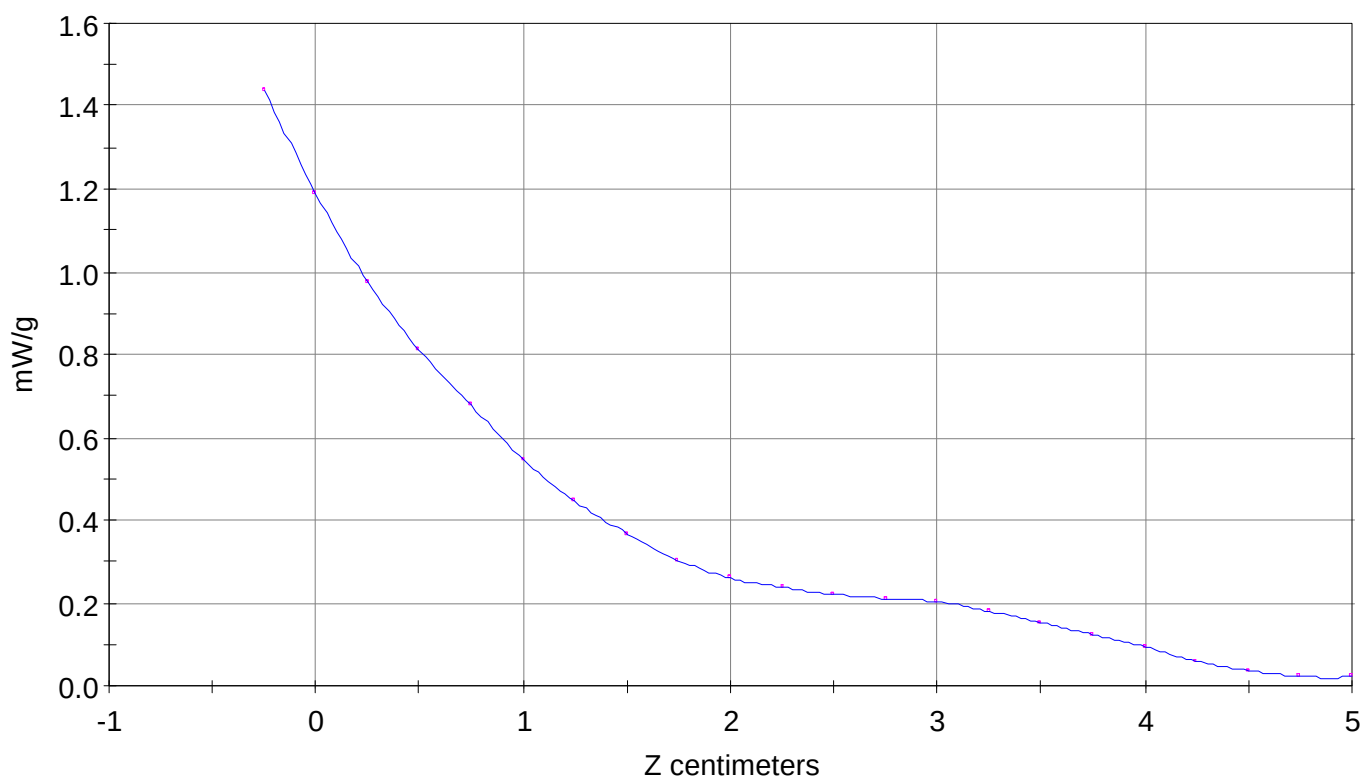
Calc. Voltage @ Surface (Vs) = 0.0197

Voltage @ 1.00 cm (Vt) = 0.0092

Ave. Voltage (Vs+Vt)/2 = 0.0145

Ave. SAR over 1 g (mW/g) = 1.0575

SAR Scan
File : 99011309_ZOOM
Start : 13-Jan-99 11:37:54 am End : 13-Jan-99 11:49:38 am
HANWHA/HWC-1000/001;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/99011313_ZOOM.VLT
Start : 13-Jan-99 12:54:25 pm End : 13-Jan-99 01:06:55 pm

Radio Type : HANWHA
Model Number : HWC-1000
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
HANWHA DUAL MODE PHONE
CHANNEL 383 FM MODE
PCTEST

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 = -1.750, Z = 0.000 (cm) Value = 19.959

Measured Values (volts) =
1.924E-002 1.527E-002 1.240E-002 1.009E-002 8.192E-003 6.654E-003
5.441E-003 4.623E-003 4.012E-003 3.680E-003 3.430E-003 3.204E-003
2.927E-003 2.565E-003 2.073E-003 1.540E-003 1.079E-003 6.795E-004
4.502E-004 3.718E-004 4.603E-004

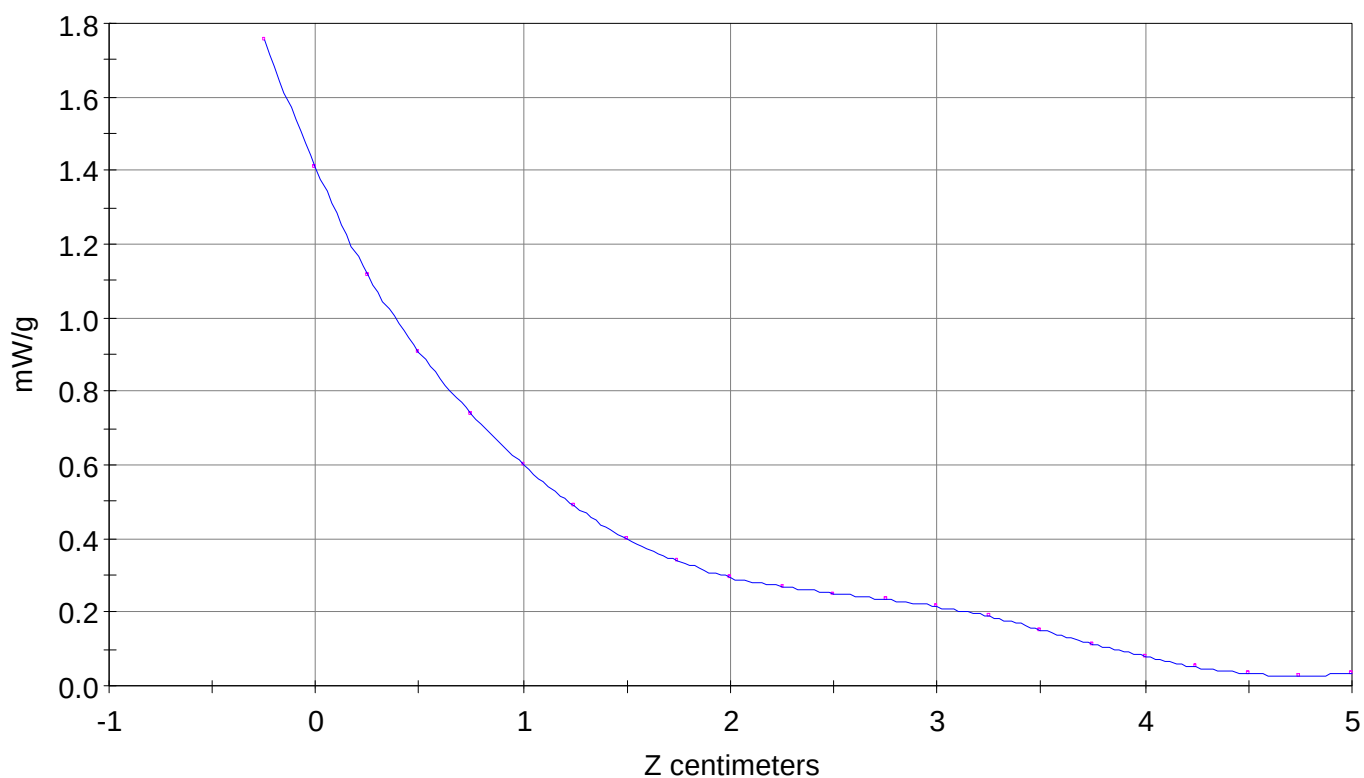
Calc. Voltage @ Surface (Vs) = 0.0240

Voltage @ 1.00 cm (Vt) = 0.0101

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

Ave. SAR over 1 g (mW/g) = 1.2460

SAR Scan
File : 99011313_ZOOM
Start : 13-Jan-99 12:54:25 pm End : 13-Jan-99 01:06:55 pm
HANWHA/HWC-1000/001;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/99011311_ZOOM.VLT
Start : 13-Jan-99 12:12:51 pm End : 13-Jan-99 12:25:57 pm

Radio Type : HANWHA
Model Number : HWC-1000
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
HANWHA DUAL MODE PHONE
CHANNEL 383 FM MODE
PCTEST

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 = -1.500, Z = 0.000 (cm) Value = 18.348

Measured Values (volts) =
1.803E-002 1.513E-002 1.220E-002 9.923E-003 7.934E-003 6.437E-003
5.200E-003 4.311E-003 3.716E-003 3.400E-003 3.208E-003 3.057E-003
2.906E-003 2.592E-003 2.256E-003 1.773E-003 1.232E-003 7.931E-004
4.958E-004 3.443E-004 3.884E-004

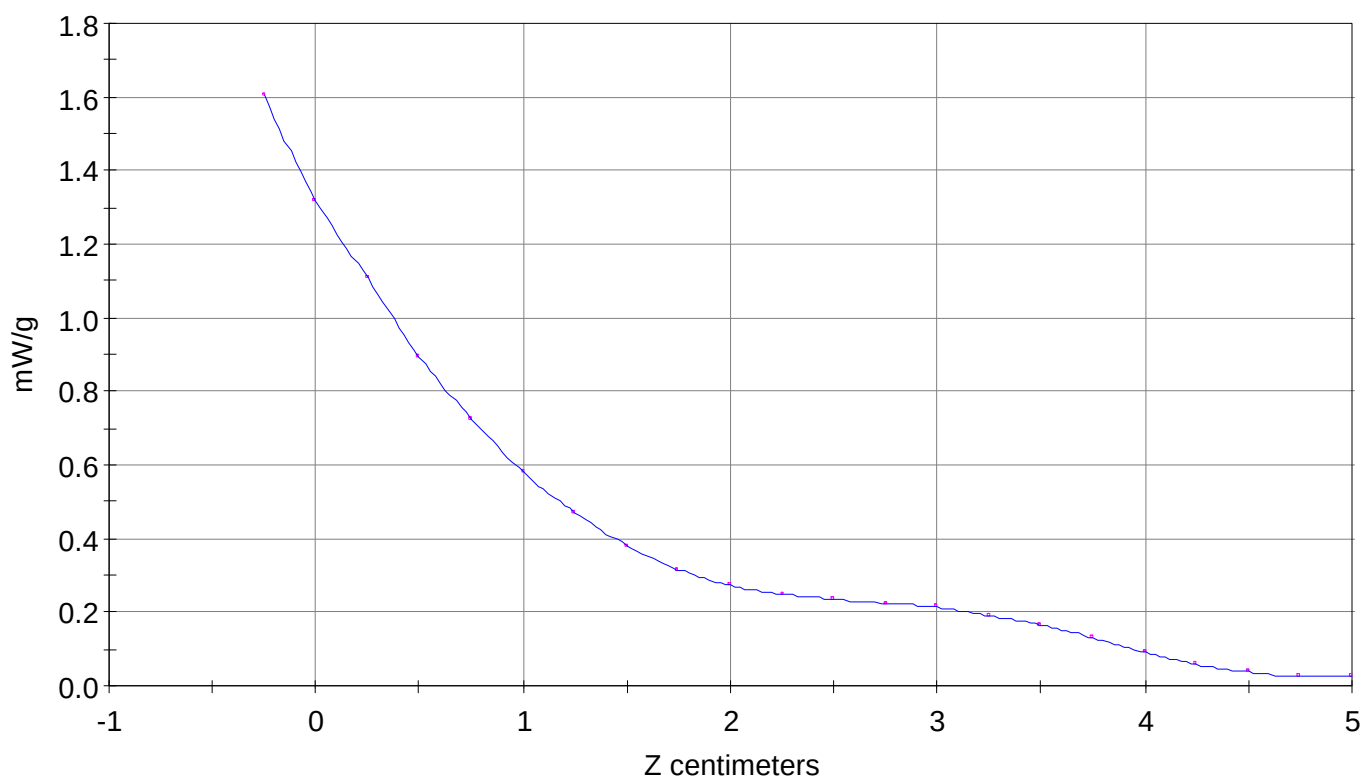
Calc. Voltage @ Surface (Vs) = 0.0219

Voltage @ 1.00 cm (Vt) = 0.0099

Ave. Voltage (Vs+Vt)/2 = 0.0159

Ave. SAR over 1 g (mW/g) = 1.1645

SAR Scan
File : 99011311_ZOOM
Start : 13-Jan-99 12:12:51 pm End : 13-Jan-99 12:25:57 pm
HANWHA/HWC-1000/001;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/99011319_ZOOM.VLT
Start : 13-Jan-99 04:02:01 pm End : 13-Jan-99 04:14:37 pm

Radio Type : HANWHA
Model Number : HWC-1000
Serial Number : 001
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
HANWHA DUAL MODE PHONE
CHANNEL 799 FM MODE
PCTEST

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 = 1.250, Y = -1.750, Z = 0.000 (cm) Value = 21.353

Measured Values (volts) =
2.130E-002 1.713E-002 1.405E-002 1.126E-002 9.155E-003 7.358E-003
5.856E-003 4.791E-003 4.089E-003 3.684E-003 3.395E-003 3.183E-003
2.910E-003 2.520E-003 2.104E-003 1.472E-003 1.031E-003 5.617E-004
3.033E-004 2.330E-004 3.022E-004

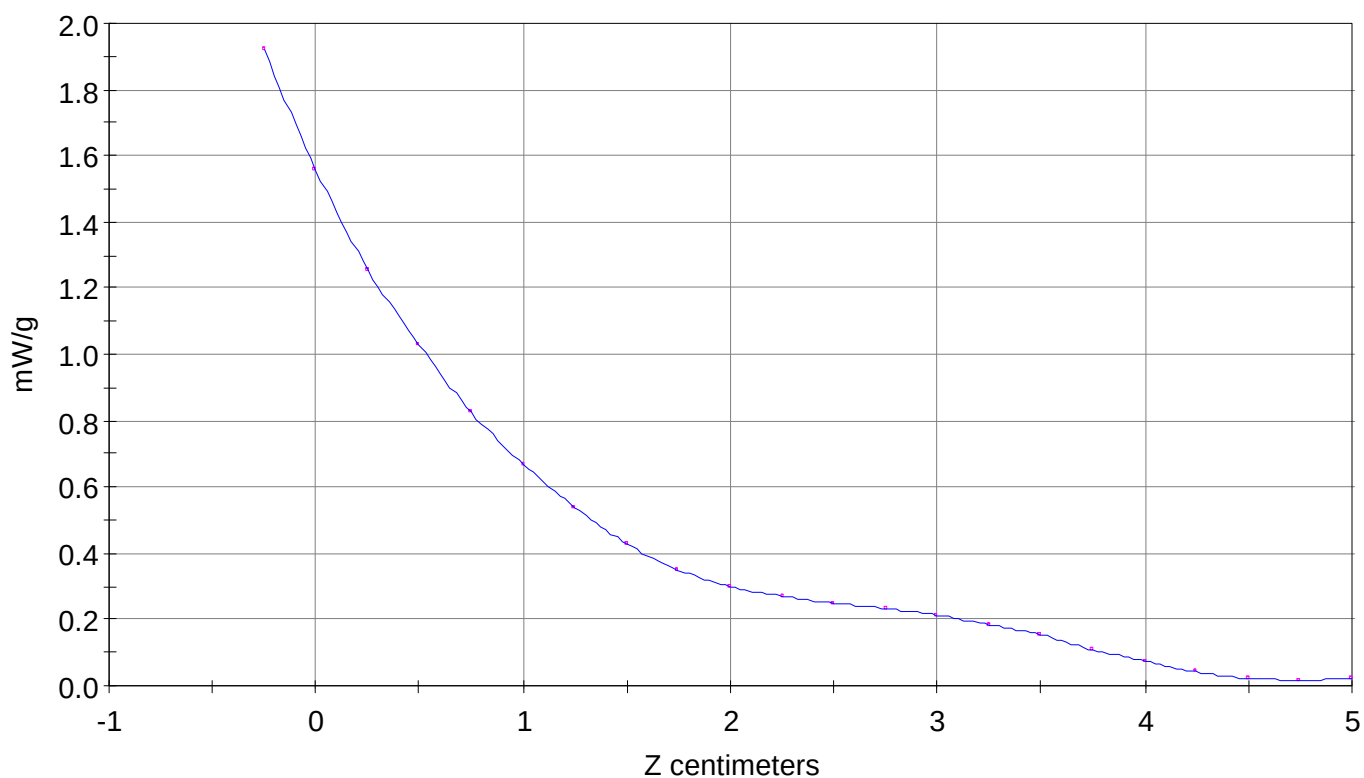
Calc. Voltage @ Surface (Vs) = 0.0262

Voltage @ 1.00 cm (Vt) = 0.0113

Ave. Voltage (Vs+Vt)/2 = 0.0187

Ave. SAR over 1 g (mW/g) = 1.3715

SAR Scan
File : 99011319_ZOOM
Start : 13-Jan-99 04:02:01 pm End : 13-Jan-99 04:14:37 pm
HANWHA/HWC-1000/001;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

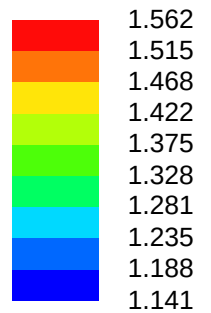
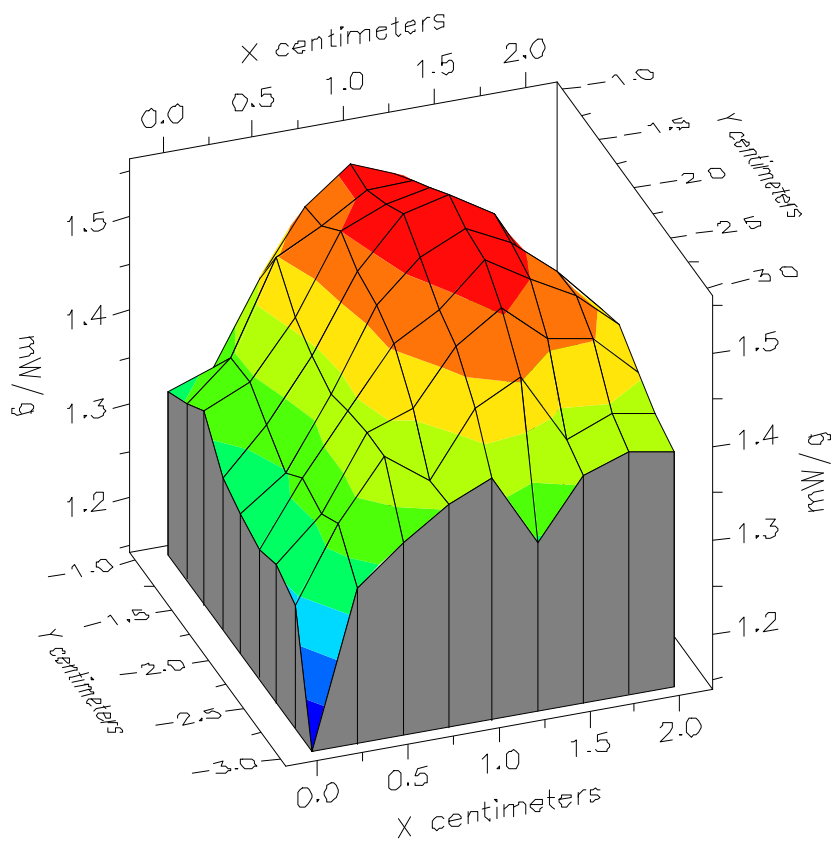


File : 99011319_ZOOM

Start : 13-Jan-99 04:02:01 pm End : 13-Jan-99 04:14:37 pm

HANWHA/HWC-1000/001;848.97MHz;W;Helical/In;

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

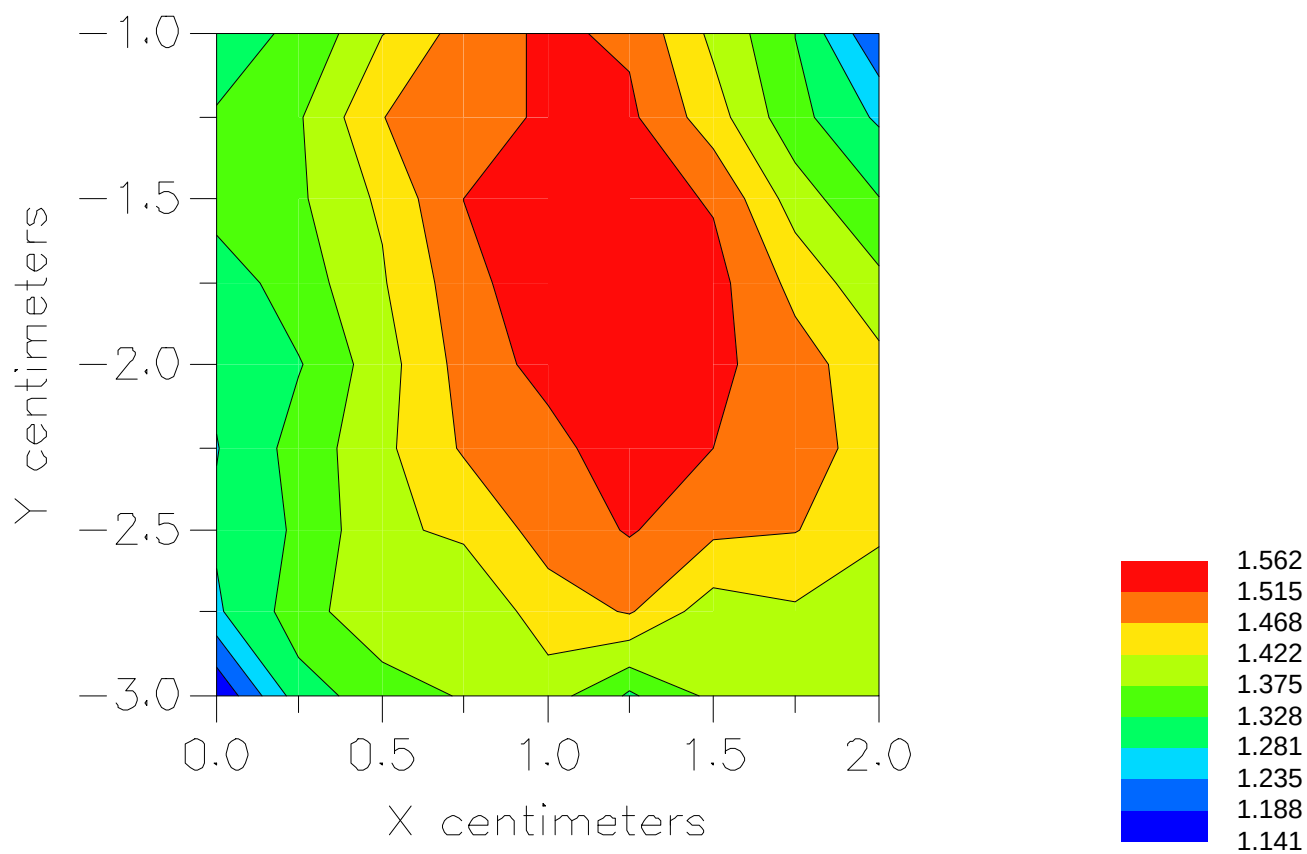


File : 99011319_ZOOM

Start : 13-Jan-99 04:02:01 pm End : 13-Jan-99 04:14:37 pm

HANWHA/HWC-1000/001;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/99011320_ZOOM.VLT
Start : 13-Jan-99 04:15:57 pm End : 13-Jan-99 04:28:58 pm

Radio Type : HANWHA
Model Number : HWC-1000
Serial Number : 001
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
HANWHA DUAL MODE PHONE
CHANNEL 799 FM MODE
PCTEST

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 = -1.750, Z = 0.000 (cm) Value = 14.221

Measured Values (volts) =
1.396E-002 1.134E-002 9.349E-003 7.469E-003 5.978E-003 4.799E-003
3.815E-003 3.120E-003 2.727E-003 2.459E-003 2.284E-003 2.192E-003
2.028E-003 1.784E-003 1.456E-003 1.070E-003 6.859E-004 3.756E-004
1.469E-004 7.992E-005 1.473E-004

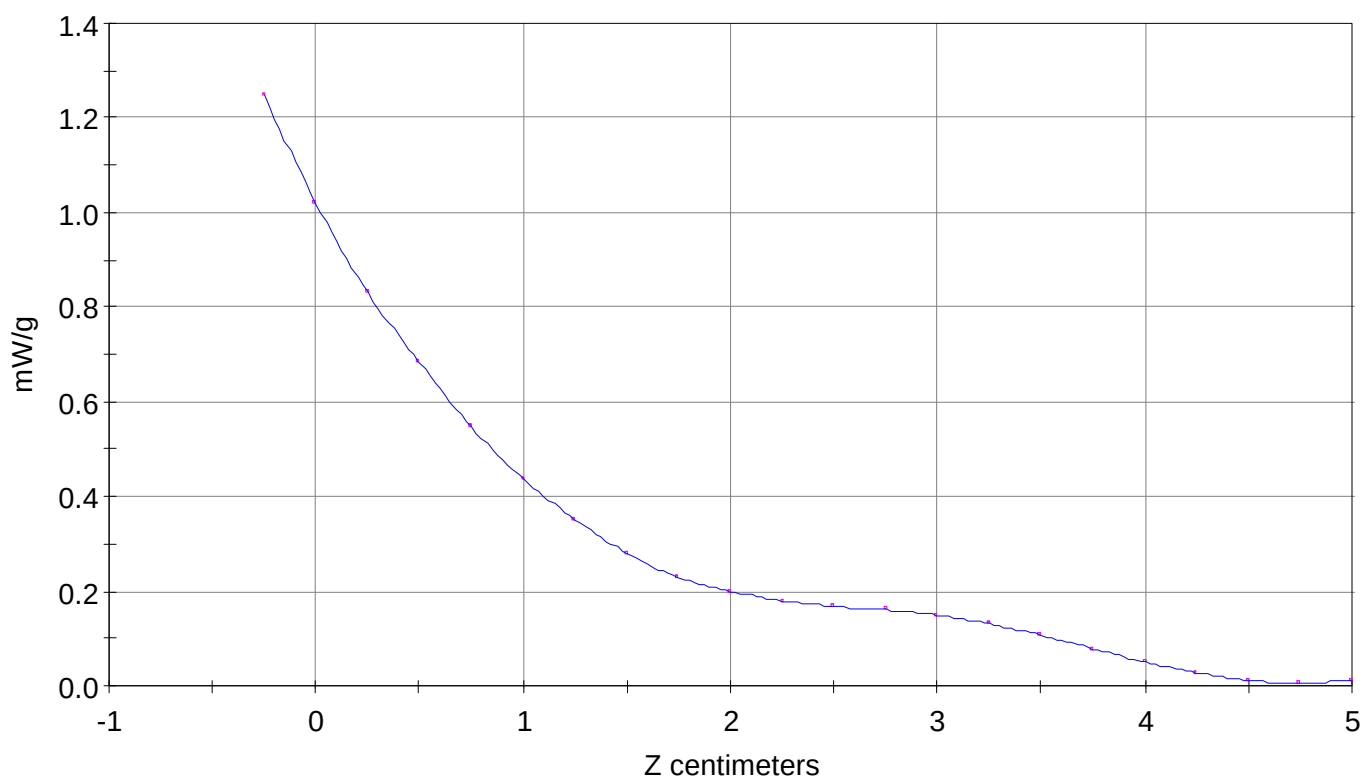
Calc. Voltage @ Surface (Vs) = 0.0171

Voltage @ 1.00 cm (Vt) = 0.0075

Ave. Voltage (Vs+Vt)/2 = 0.0123

Ave. SAR over 1 g (mW/g) = 0.8970

SAR Scan
File : 99011320_ZOOM
Start : 13-Jan-99 04:15:57 pm End : 13-Jan-99 04:28:58 pm
HANWHA/HWC-1000/001;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/99011323_ZOOM.VLT
Start : 13-Jan-99 05:09:18 pm End : 13-Jan-99 05:18:20 pm

Radio Type : HANWHA
Model Number : HWC-1000
Serial Number : 001
Frequency : 848.97 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 = 43.400
Mixture Conductivity = 0.900

Comment :
HANWHA DUAL MODE PHONE
CHANNEL 799 CDMA MODE
PCTEST

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 = -1.000, Z = 0.000 (cm) Value = 10.895

Measured Values (volts) =
1.059E-002 8.413E-003 6.645E-003 5.461E-003 4.362E-003 3.410E-003
2.698E-003 2.134E-003 1.746E-003 1.464E-003 1.290E-003 1.187E-003
1.090E-003 9.921E-004 8.612E-004 6.689E-004 4.648E-004 2.710E-004
1.100E-004 0.000E+000 0.000E+000

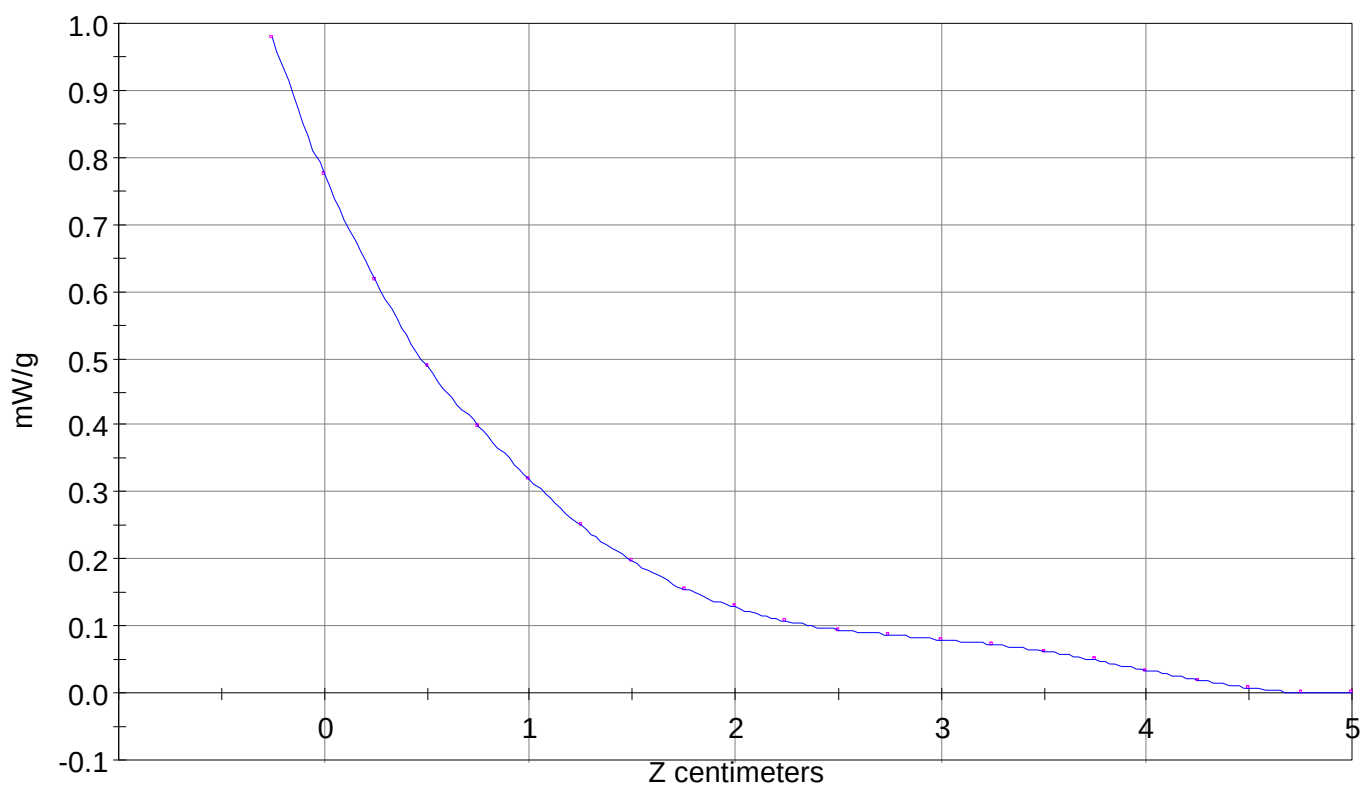
Calc. Voltage @ Surface (Vs) = 0.0134

Voltage @ 1.00 cm (Vt) = 0.0055

Ave. Voltage (Vs+Vt)/2 = 0.0094

Ave. SAR over 1 g (mW/g) = 0.6887

SAR Scan
File : 99011323_ZOOM
Start : 13-Jan-99 05:09:18 pm End : 13-Jan-99 05:18:20 pm
HANWHA/HWC-1000/001;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/99011325_ZOOM.VLT
Start : 13-Jan-99 05:19:17 pm End : 13-Jan-99 05:32:22 pm

Radio Type : HANWHA
Model Number : HWC-1000
Serial Number : 001
Frequency : 848.97 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 = 43.400
Mixture Conductivity = 0.900

Comment :
HANWHA DUAL MODE PHONE
CHANNEL 799 CDMA MODE
PCTEST

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 = 0.250, Y = -1.000, Z = 0.000 (cm) Value = 6.209

Measured Values (volts) =
5.889E-003 5.160E-003 4.146E-003 3.383E-003 2.705E-003 2.168E-003
1.680E-003 1.271E-003 1.019E-003 8.509E-004 7.516E-004 7.143E-004
6.976E-004 6.532E-004 5.814E-004 4.674E-004 3.493E-004 1.820E-004
7.831E-005 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0070

Voltage @ 1.00 cm (Vt) = 0.0034

Ave. Voltage (Vs+Vt)/2 = 0.0052

Ave. SAR over 1 g (mW/g) = 0.3807

SAR Scan
File : 99011325_ZOOM
Start : 13-Jan-99 05:19:17 pm End : 13-Jan-99 05:32:22 pm
HANWHA/HWC-1000/001;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

