

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00030618_ZOOM.VLT
Start : 6-Mar-100 04:44:21 pm End : 6-Mar-100 04:56:48 pm

Radio Type : OCCHWP-1500
Model Number : MODEL:HWP-1500
Serial Number : 07C
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.190 W
Start Trans. Pwr: 0.190 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 :
SINGLE BAND CDMA PHONE
CHAN. 0025 HANWHA PCS
PWR:22.50 dBm

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 = 0.500, Y = -0.250, Z = 0.000 (cm) Value = 12.813

Measured Values (volts) =
1.269E-002 9.262E-003 6.225E-003 4.529E-003 3.126E-003 2.280E-003
1.608E-003 1.130E-003 8.380E-004 6.172E-004 4.400E-004 2.925E-004
2.515E-004 2.251E-004 1.376E-004 1.104E-004 1.022E-004 5.863E-005
1.152E-004 7.365E-005 2.871E-005

Calc. Voltage @ Surface (Vs) = 0.0181

Voltage @ 1.00 cm (Vt) = 0.0045

Ave. Voltage (Vs+Vt)/2 = 0.0113

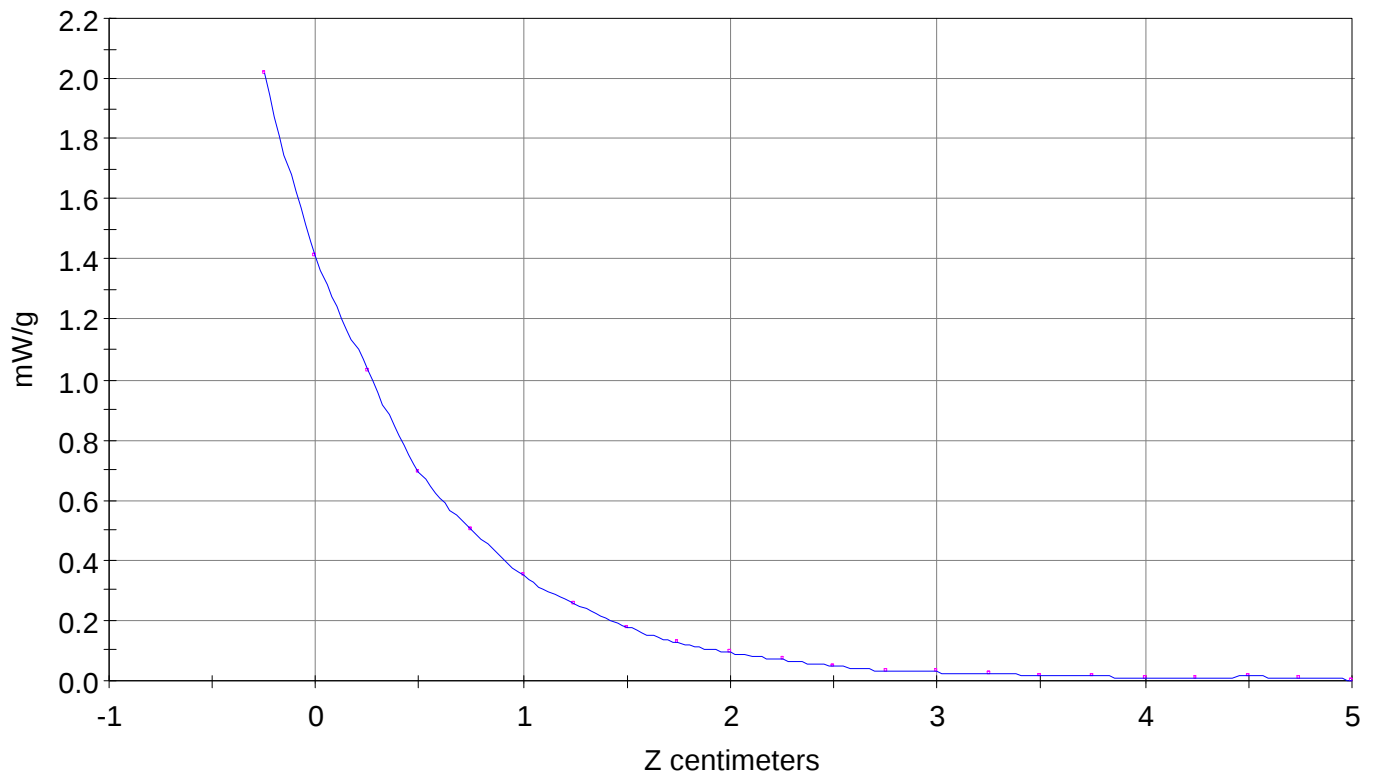
Ave. SAR over 1 g (mW/g) = 1.2593

SAR Scan

File : 00030618_ZOOM

Start : 6-Mar-100 04:44:21 pm End : 6-Mar-100 04:56:48 pm

OCCHWP-1500/MODEL:HWP-1500/07C;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/00030615_ZOOM.VLT
Start : 6-Mar-100 03:32:38 pm End : 6-Mar-100 03:41:49 pm

Radio Type : OCCHWP-1500
Model Number : MODEL:HWP-1500
Serial Number : 07C
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.190 W
Start Trans. Pwr: 0.190 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 :
SINGLE BAND CDMA PHONE
CHAN. 0025 HANWHA PCS
FCC ID: PWR:22.50 dBm

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 = 0.000, Y = -0.250, Z = 0.000 (cm) Value = 15.567

Measured Values (volts) =
1.529E-002 1.228E-002 8.704E-003 6.045E-003 4.362E-003 3.132E-003
2.250E-003 1.662E-003 1.268E-003 9.037E-004 6.593E-004 4.823E-004
3.599E-004 2.279E-004 2.798E-004 1.502E-004 1.728E-004 1.342E-004
8.171E-005 7.749E-005 5.061E-005

Calc. Voltage @ Surface (Vs) = 0.0203

Voltage @ 1.00 cm (Vt) = 0.0060

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

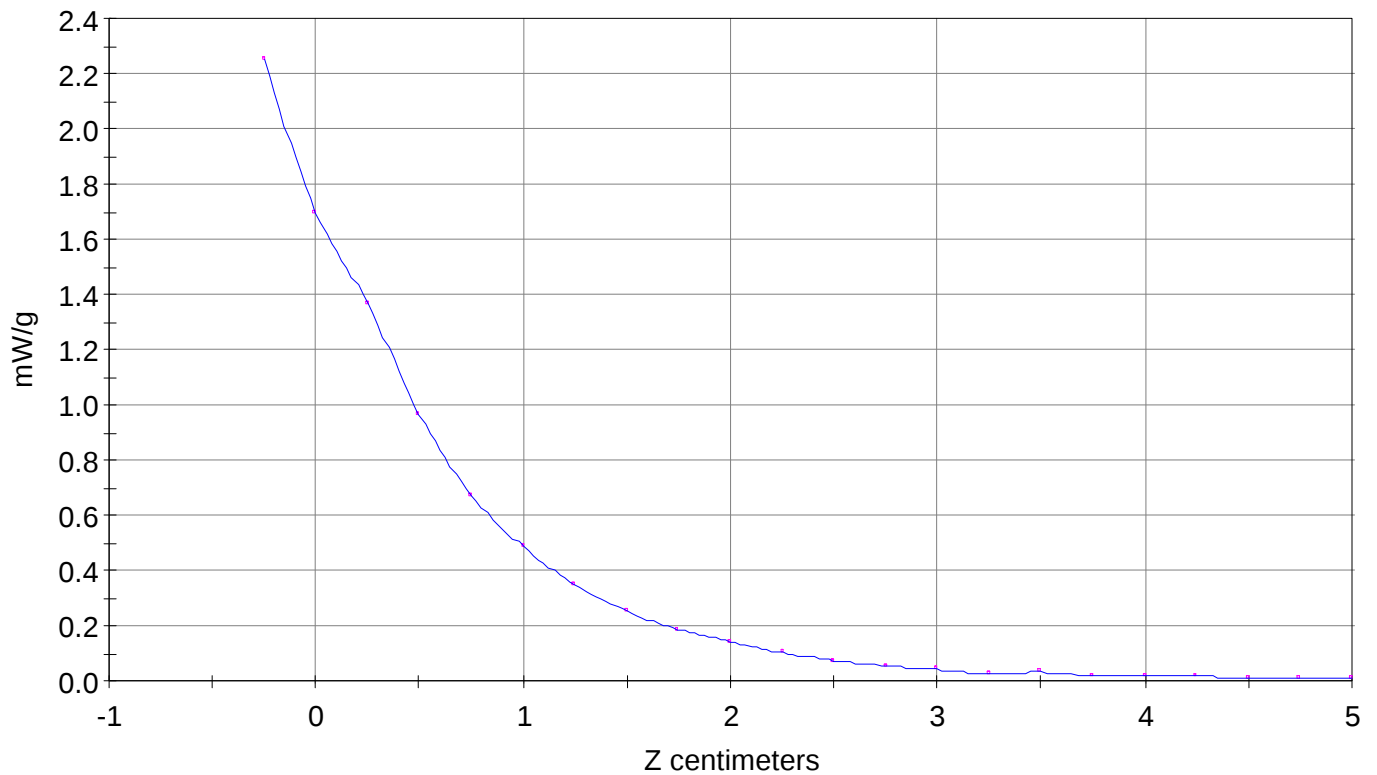
Ave. SAR over 1 g (mW/g) = 1.4640

SAR Scan

File : 00030615_ZOOM

Start : 6-Mar-100 03:32:38 pm End : 6-Mar-100 03:41:49 pm

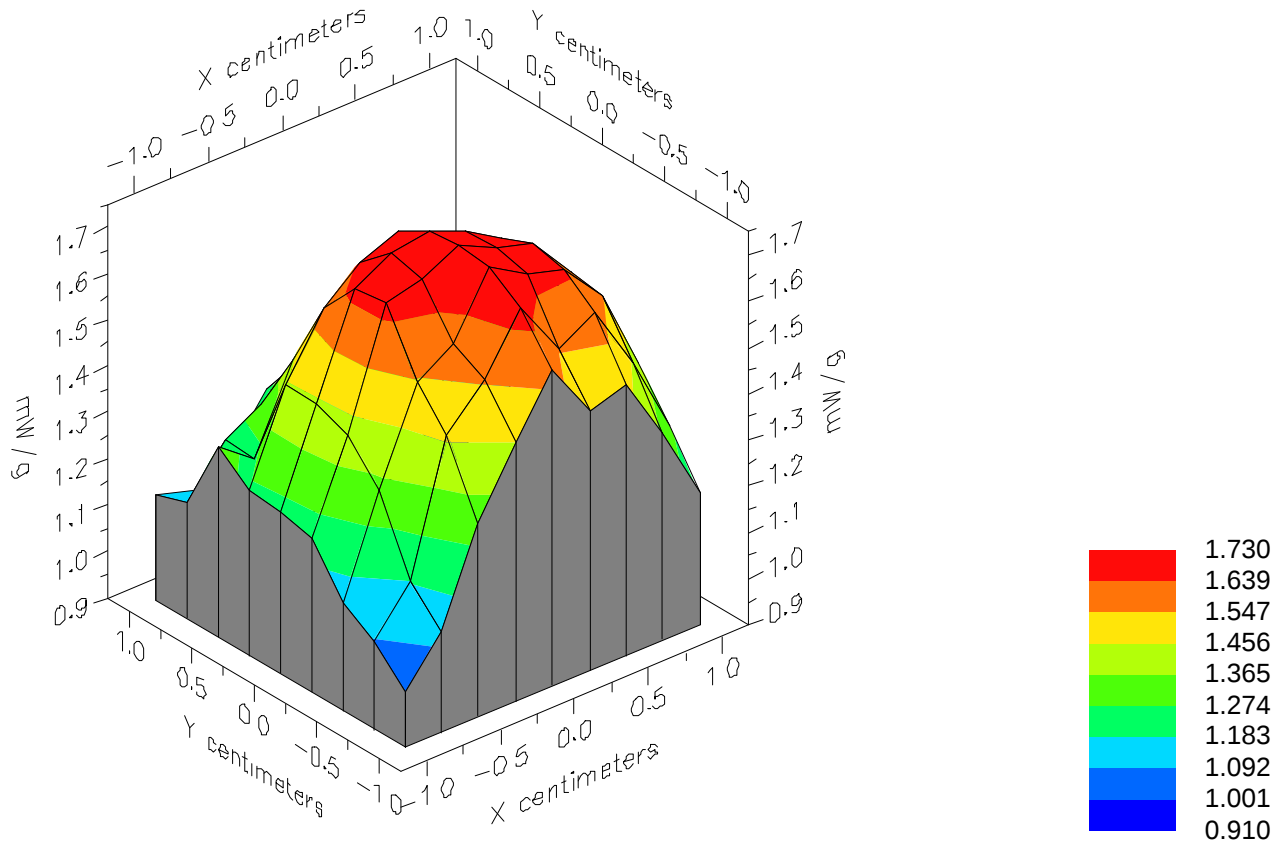
OCCHWP-1500/MODEL:HWP-1500/07C;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00030615_ZOOM

Start : 6-Mar-100 03:32:38 pm End : 6-Mar-100 03:41:49 pm

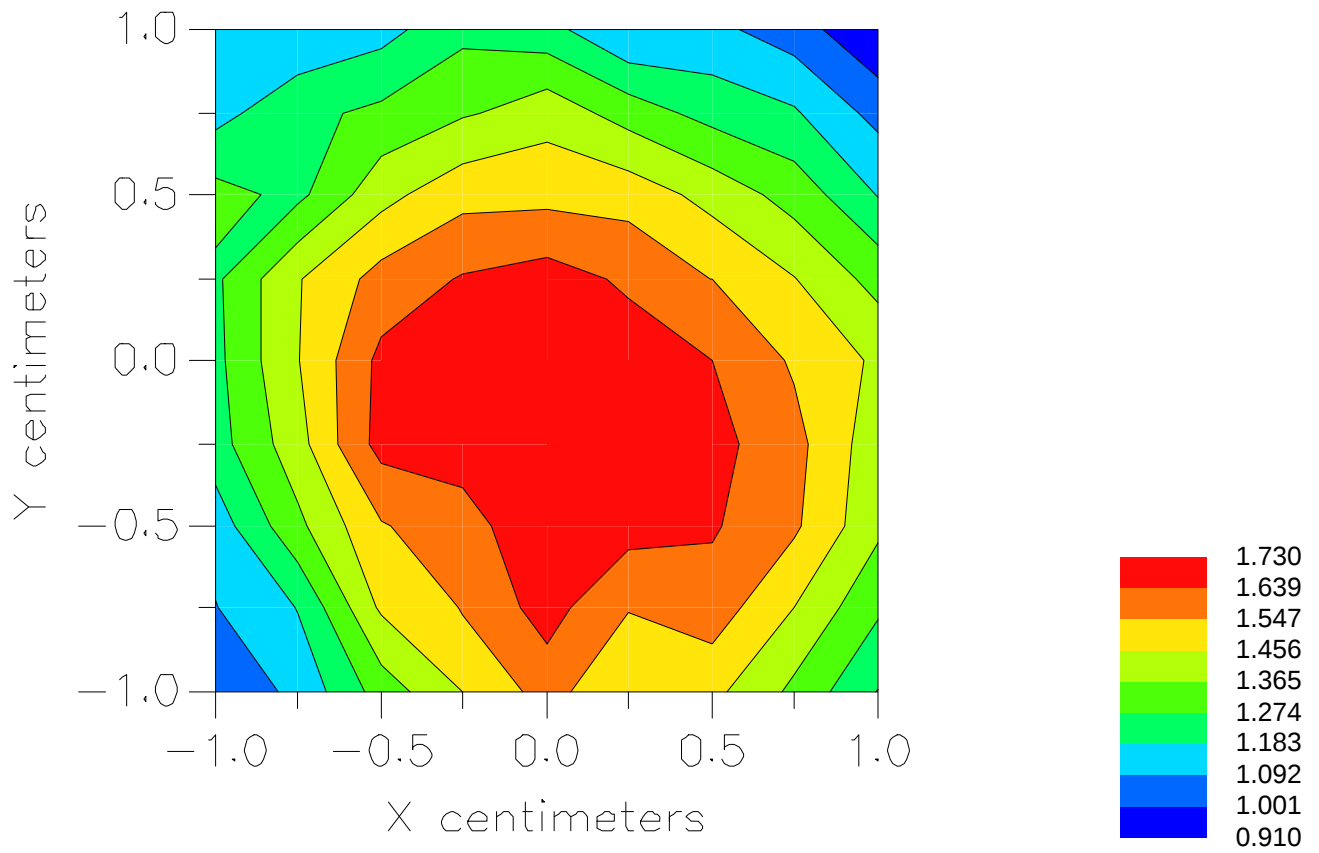
OCCHWP-1500/MODEL:HWP-1500/07C;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650



File : 00030615_ZOOM

Start : 6-Mar-100 03:32:38 pm End : 6-Mar-100 03:41:49 pm

OCCHWP-1500/MODEL:HWP-1500/07C;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/00030612_ZOOM.VLT
Start : 6-Mar-100 01:21:54 pm End : 6-Mar-100 01:33:35 pm

Radio Type : OCCHWP-1500
Model Number : MODEL:HWP-1500
Serial Number : 07C
Frequency : 1880 MHz
Peak Trans. Pwr : 0.190 W
Start Trans. Pwr: 0.190 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 :
SINGLE BAND CDMA PHONE
CHAN. 0600 HANWHA PCS
PWR:22.50 dBm

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 = 0.750, Y = -0.500, Z = 0.000 (cm) Value = 8.797

Measured Values (volts) =
8.883E-003 7.055E-003 4.731E-003 3.240E-003 2.343E-003 1.592E-003
9.785E-004 7.454E-004 5.375E-004 3.812E-004 2.628E-004 1.994E-004
1.023E-004 1.429E-004 9.505E-005 6.167E-005 9.230E-005 6.796E-005
2.538E-005 9.285E-005 1.472E-005

Calc. Voltage @ Surface (Vs) = 0.0122

Voltage @ 1.00 cm (Vt) = 0.0032

Ave. Voltage (Vs+Vt)/2 = 0.0077

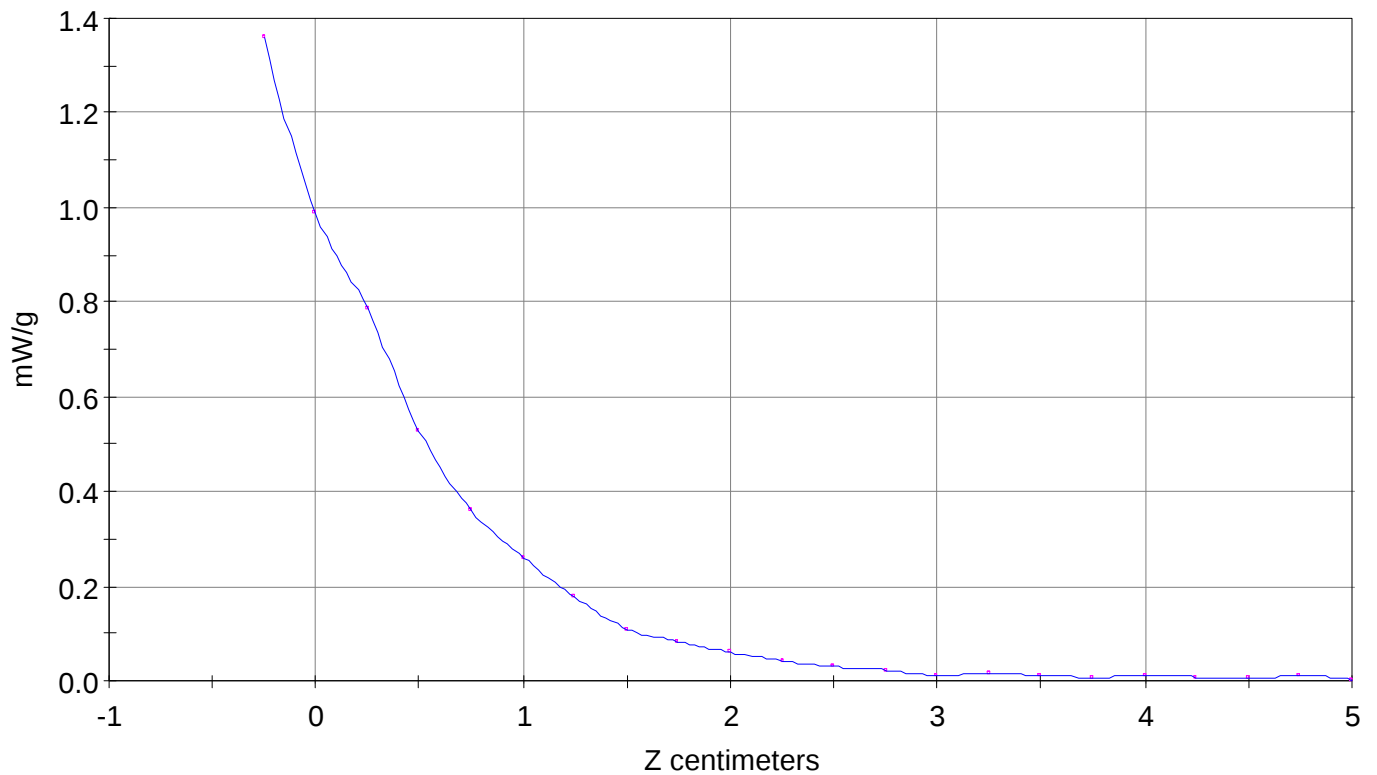
Ave. SAR over 1 g (mW/g) = 0.8587

SAR Scan

File : 00030612_ZOOM

Start : 6-Mar-100 01:21:54 pm End : 6-Mar-100 01:33:35 pm

OCCHWP-1500/MODEL:HWP-1500/07C;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/00030611_ZOOM.VLT
Start : 6-Mar-100 01:02:50 pm End : 6-Mar-100 01:11:57 pm

Radio Type : OCCHWP-1500
Model Number : MODEL:HWP-1500
Serial Number : 07C
Frequency : 1880 MHz
Peak Trans. Pwr : 0.190 W
Start Trans. Pwr: 0.190 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 :
SINGLE BAND CDMA PHONE
CHAN. 0600 HANWHA PCS
PWR:22.50 dBm

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 = 0.000, Y = 0.000, Z = 0.000 (cm) Value = 13.438

Measured Values (volts) =
1.475E-002 1.227E-002 8.817E-003 6.316E-003 4.498E-003 3.221E-003
2.375E-003 1.680E-003 1.231E-003 8.888E-004 6.441E-004 4.469E-004
3.253E-004 2.477E-004 1.509E-004 1.552E-004 1.373E-004 1.035E-004
3.624E-005 5.424E-005 2.813E-004

Calc. Voltage @ Surface (Vs) = 0.0191

Voltage @ 1.00 cm (Vt) = 0.0063

Ave. Voltage (Vs+Vt)/2 = 0.0127

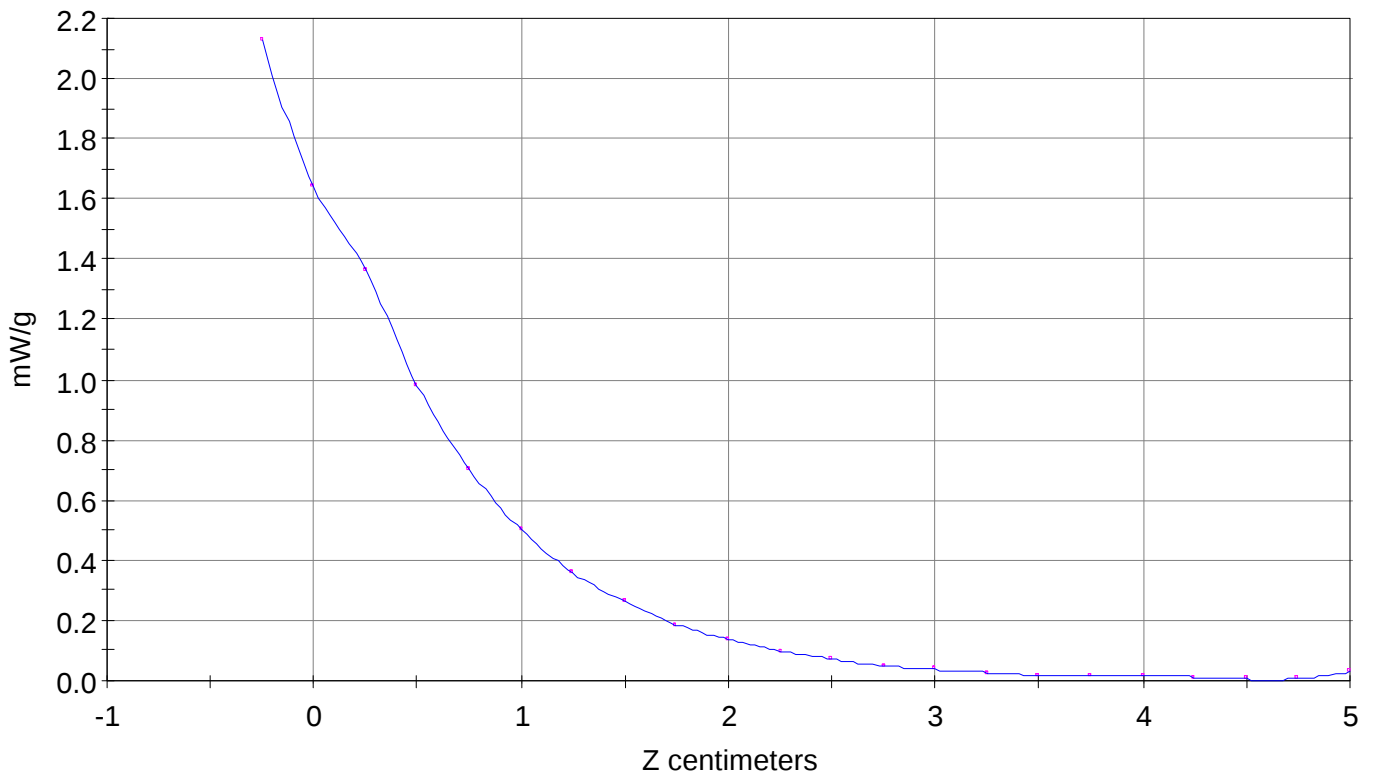
Ave. SAR over 1 g (mW/g) = 1.4133

SAR Scan

File : 00030611_ZOOM

Start : 6-Mar-100 01:02:50 pm End : 6-Mar-100 01:11:57 pm

OCCHWP-1500/MODEL:HWP-1500/07C;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/00030617_ZOOM.VLT
Start : 6-Mar-100 04:19:08 pm End : 6-Mar-100 04:31:19 pm

Radio Type : OCCHWP-1500
Model Number : MODEL:HWP-1500
Serial Number : 07C
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.190 W
Start Trans. Pwr: 0.190 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 :
SINGLE BAND CDMA PHONE
CHAN. 1175 HANWHA PCS
PWR:22.50 dBm

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 = 0.750, Y = -0.250, Z = 0.000 (cm) Value = 6.564

Measured Values (volts) =
6.402E-003 4.726E-003 3.185E-003 2.246E-003 1.511E-003 1.058E-003
6.686E-004 5.054E-004 3.771E-004 2.683E-004 1.993E-004 1.052E-004
1.162E-004 9.106E-005 7.486E-005 5.406E-005 7.313E-005 1.993E-005
3.372E-005 6.692E-005 3.268E-005

Calc. Voltage @ Surface (Vs) = 0.0091

Voltage @ 1.00 cm (Vt) = 0.0022

Ave. Voltage (Vs+Vt)/2 = 0.0057

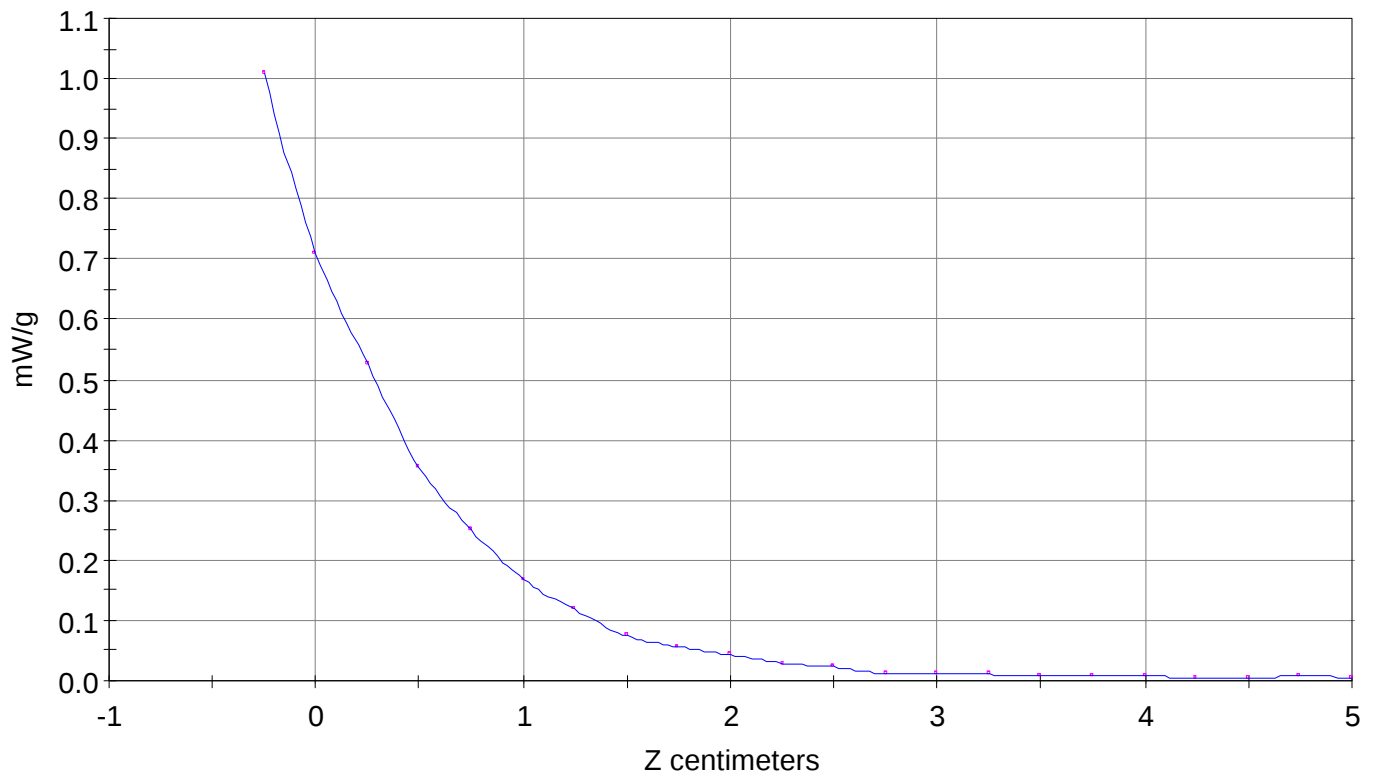
Ave. SAR over 1 g (mW/g) = 0.6295

SAR Scan

File : 00030617_ZOOM

Start : 6-Mar-100 04:19:08 pm End : 6-Mar-100 04:31:19 pm

OCCHWP-1500/MODEL:HWP-1500/07C;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/00030604_ZOOM.VLT
Start : 6-Mar-100 11:03:08 am End : 6-Mar-100 11:14:22 am

Radio Type : OCCHWP-1500
Model Number : MODEL:HWP-1500
Serial Number : 07A
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.190 W
Start Trans. Pwr: 0.190 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 :
SINGE BAND CDMA PHONE
CHAN. 1175 HANWHA PCS
PWR:22.50 dBm

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 = -0.250, Y = 0.000, Z = 0.000 (cm) Value = 12.365

Measured Values (volts) =
1.188E-002 9.042E-003 5.886E-003 3.878E-003 2.454E-003 1.503E-003
8.566E-004 3.991E-004 2.179E-004 8.212E-005 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0169

Voltage @ 1.00 cm (Vt) = 0.0039

Ave. Voltage (Vs+Vt)/2 = 0.0104

Ave. SAR over 1 g (mW/g) = 1.1559

SAR Scan

File : 00030604_ZOOM

Start : 6-Mar-100 11:03:08 am End : 6-Mar-100 11:14:22 am

OCCHWP-1500/MODEL:HWP-1500/07A;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.300/1.650

