

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00030708_ZOOM.VLT
Start : 7-Mar-2000 11:23:54 am End : 7-Mar-2000 11:34:29 am

FCC ID : OCCHWP-1500
Model Number : HWP-1500
Serial Number : 07C
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.178 W
Start Trans. Pwr: 0.178 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SINGLE BAND CDMA PHONE BODY SAR (flip mode)
CHAN. 0025 HANWHA PCS 2cm spacing
PWR:22.50 dBm

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.380

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 1.500, Y = 0.250, Z = 0.000 (cm) Value = 6.218

Measured Values (volts) =
5.962E-003 4.771E-003 3.381E-003 2.487E-003 1.964E-003 1.506E-003
1.127E-003 8.430E-004 6.269E-004 4.804E-004 3.904E-004 3.252E-004
2.184E-004 1.627E-004 1.205E-004 1.516E-004 7.809E-005 7.906E-005
4.439E-005 4.090E-005 6.358E-005

Calc. Voltage @ Surface (Vs) = 0.0079

Voltage @ 1.00 cm (Vt) = 0.0025

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

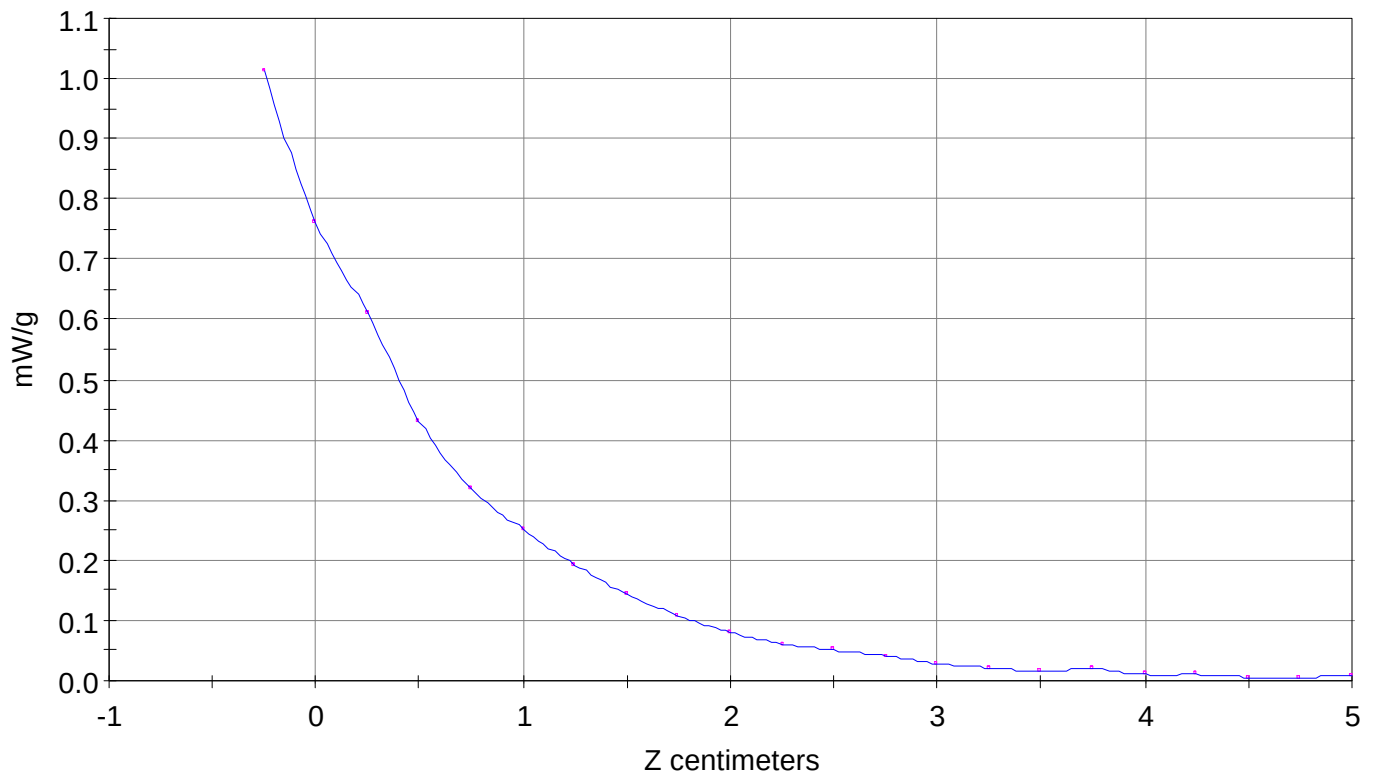
Ave. SAR over 1 g (mW/g) = 0.6657

SAR Scan

File : 00030708_ZOOM

Start : 7-Mar-2000 11:23:54 am End : 7-Mar-2000 11:34:29 am

OCCHWP-1500/MODEL:HWP-1500/07C;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00030707_ZOOM.VLT
Start : 7-Mar-2000 11:04:29 am End : 7-Mar-2000 11:14:43 am

FCC ID : OCCHWP-1500
Model Number : HWP-1500
Serial Number : 07C
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.178 W
Start Trans. Pwr: 0.178 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SINGLE BAND CDMA PHONE BODY SAR (flip mode)
CHAN. 0025 HANWHA PCS 2cm spacing
PWR:22.50 dBm

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.380

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 1.250, Y = -0.250, Z = 0.000 (cm) Value = 9.699

Measured Values (volts) =
9.677E-003 7.488E-003 5.225E-003 3.820E-003 3.021E-003 2.262E-003
1.695E-003 1.261E-003 9.724E-004 7.344E-004 5.704E-004 4.660E-004
3.042E-004 2.943E-004 2.638E-004 1.505E-004 1.594E-004 9.985E-005
1.251E-004 1.795E-004 1.064E-004

Calc. Voltage @ Surface (Vs) = 0.0132

Voltage @ 1.00 cm (Vt) = 0.0038

Ave. Voltage (Vs+Vt)/2 = 0.0085

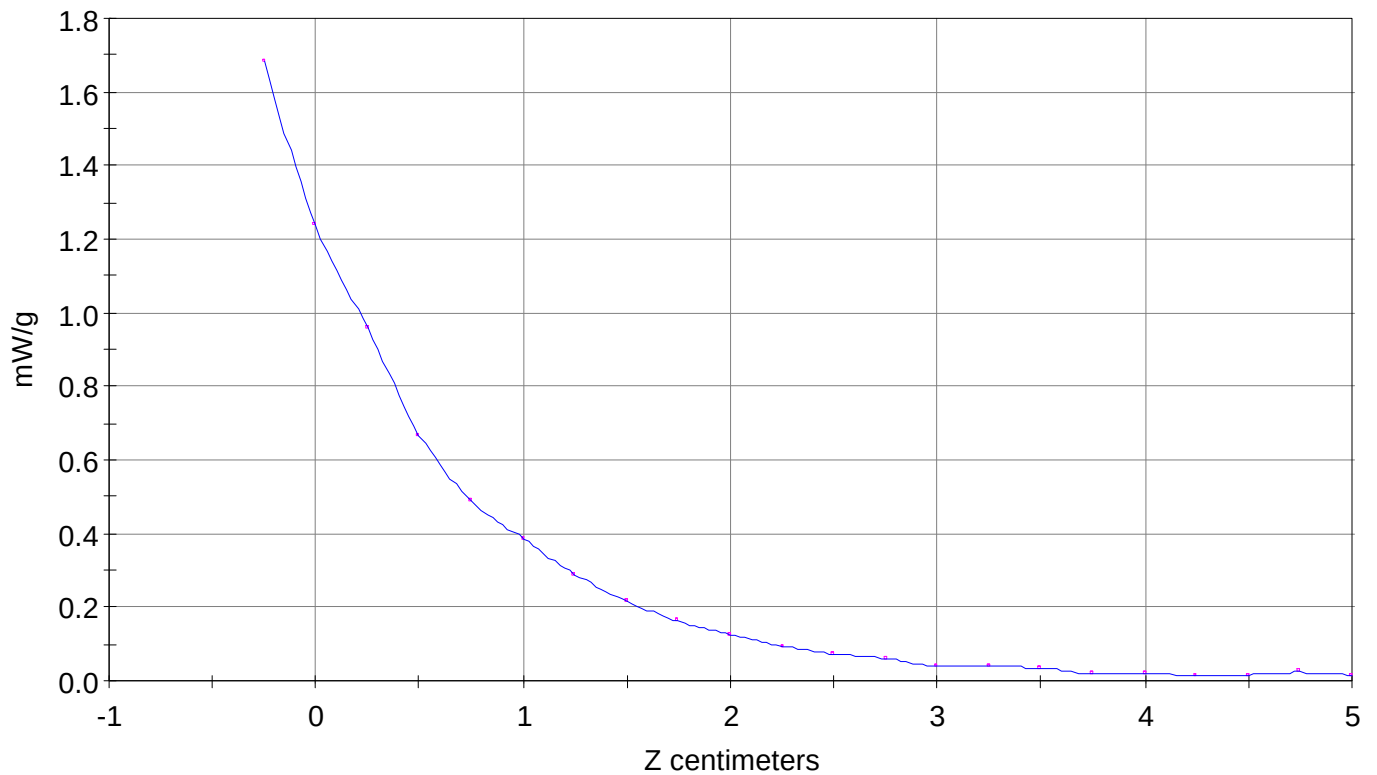
Ave. SAR over 1 g (mW/g) = 1.0866

SAR Scan

File : 00030707_ZOOM

Start : 7-Mar-2000 11:04:29 am End : 7-Mar-2000 11:14:43 am

OCCHWP-1500/MODEL:HWP-1500/07C;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

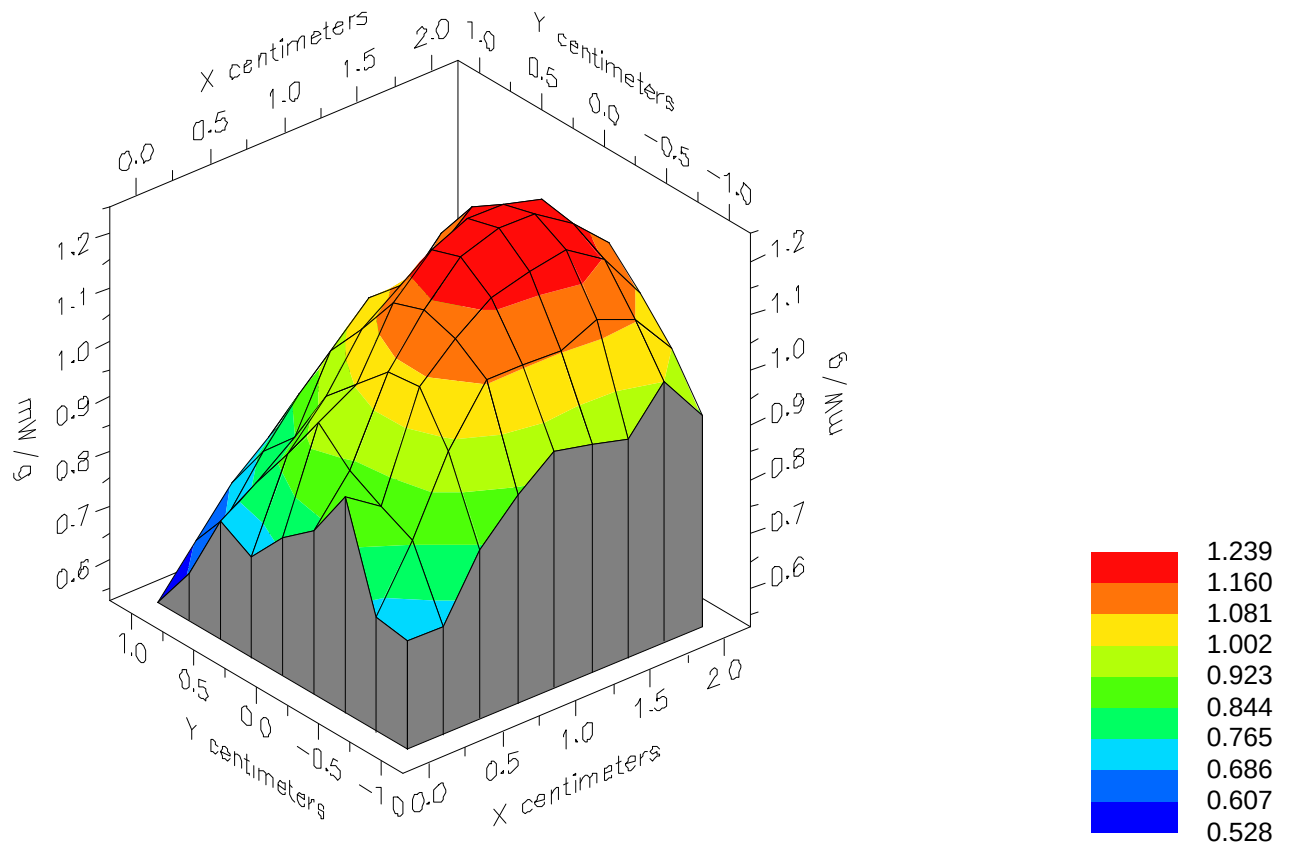


File : 00030707_ZOOM

Start : 7-Mar-2000 11:04:29 am End : 7-Mar-2000 11:14:43 am

OCCHWP-1500/MODEL:HWP-1500/07C;1851.25MHz;W;Helical/Out;

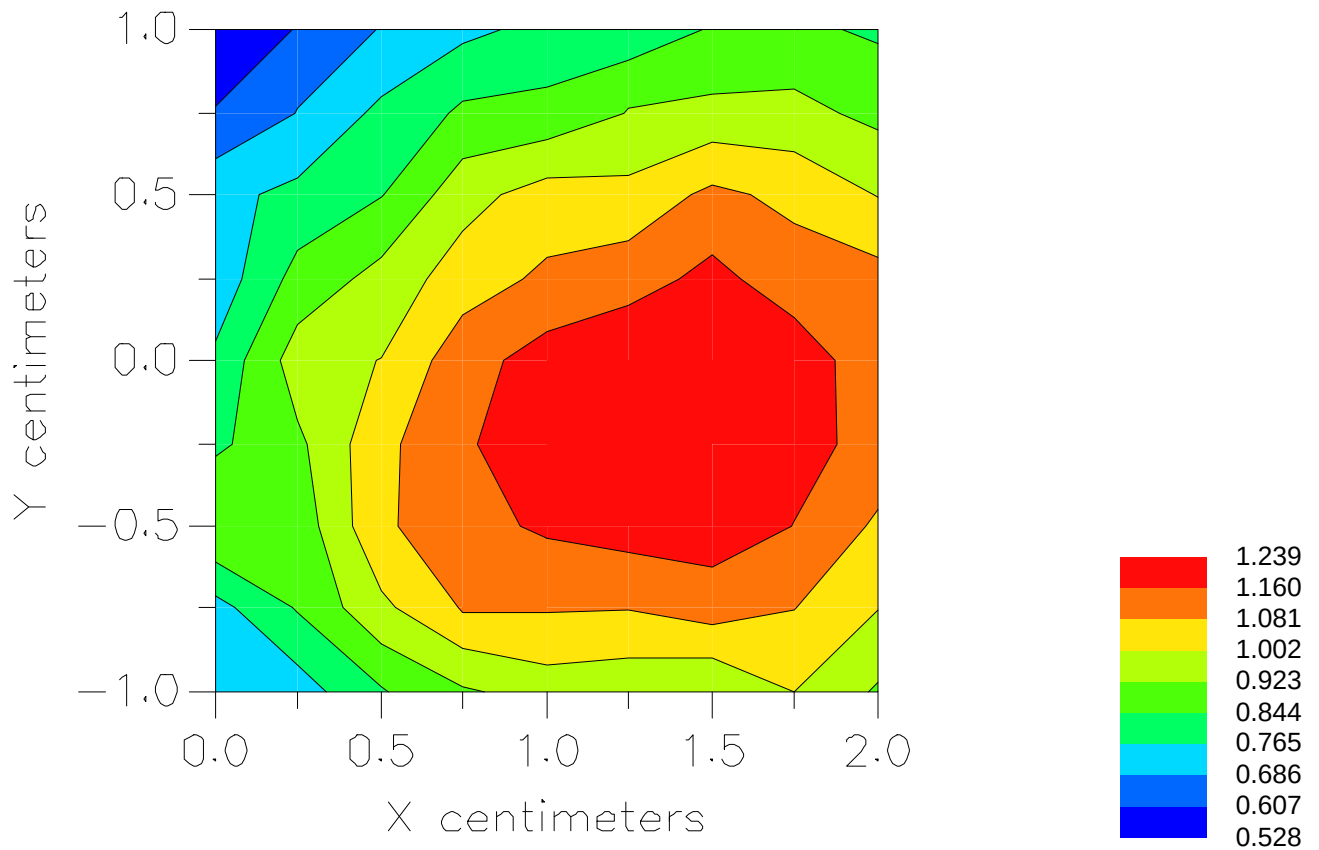
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 00030707_ZOOM

Start : 7-Mar-2000 11:04:29 am End : 7-Mar-2000 11:14:43 am

OCCHWP-1500/MODEL:HWP-1500/07C;1851.25MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00030713_ZOOM.VLT
Start : 7-Mar-2000 12:22:48 pm End : 7-Mar-2000 12:33:43 pm

FCC ID : OCCHWP-1500
Model Number : HWP-1500
Serial Number : 07C
Frequency : 1880 MHz
Peak Trans. Pwr : 0.178 W
Start Trans. Pwr: 0.178 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SINGLE BAND CDMA PHONE BODY SAR (flip mode)
CHAN. 0600 HANWHA PCS 2cm spacing
PWR:22.50 dBm

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.380

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 2.000, Y = -1.500, Z = 0.000 (cm) Value = 5.595

Measured Values (volts) =
5.471E-003 4.280E-003 3.024E-003 2.116E-003 1.660E-003 1.305E-003
9.503E-004 6.646E-004 5.583E-004 4.051E-004 3.676E-004 2.232E-004
2.273E-004 1.560E-004 1.253E-004 9.496E-005 8.598E-005 9.398E-005
5.415E-005 4.876E-005 1.023E-004

Calc. Voltage @ Surface (Vs) = 0.0074

Voltage @ 1.00 cm (Vt) = 0.0021

Ave. Voltage (Vs+Vt)/2 = 0.0047

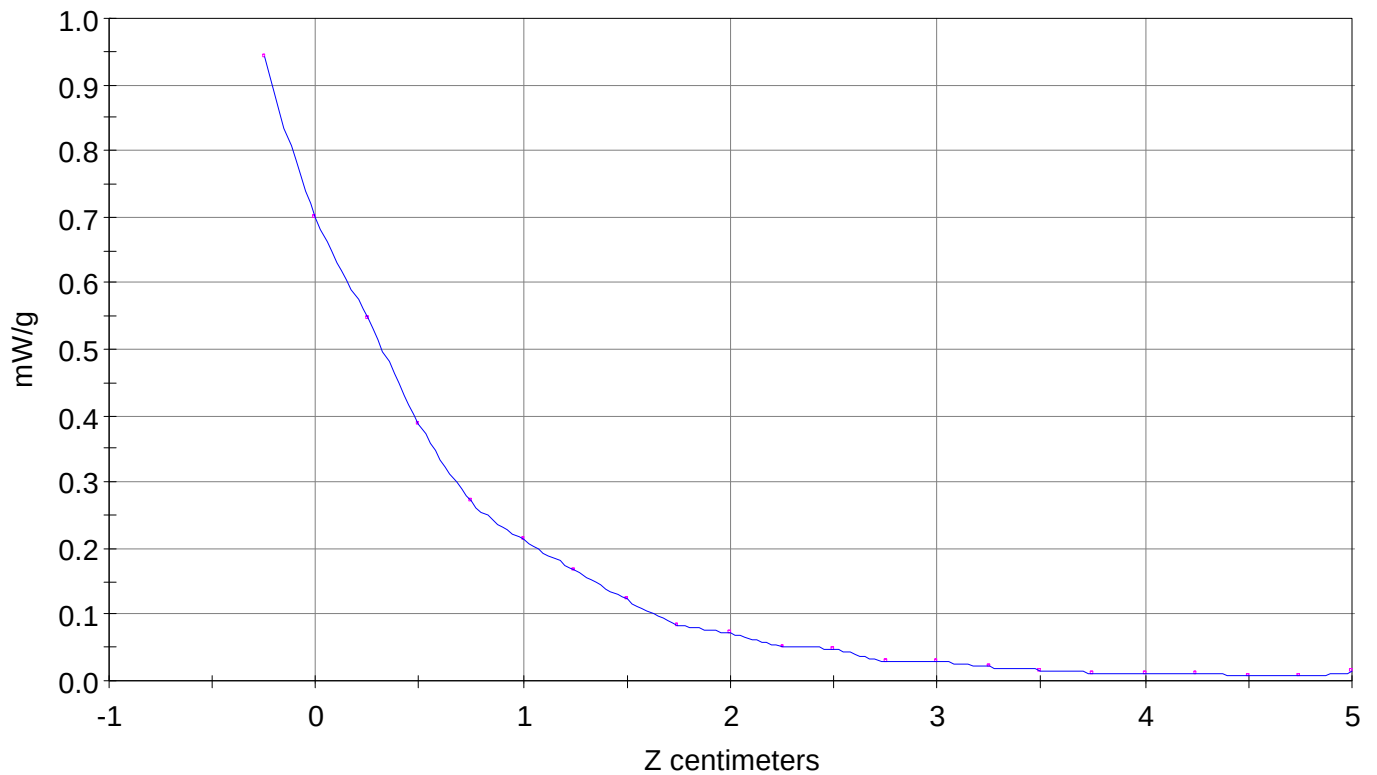
Ave. SAR over 1 g (mW/g) = 0.6060

SAR Scan

File : 00030713_ZOOM

Start : 7-Mar-2000 12:22:48 pm End : 7-Mar-2000 12:33:43 pm

OCCHWP-1500/MODEL:HWP-1500/07C;1880MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00030711_ZOOM.VLT
Start : 7-Mar-2000 12:04:18 pm End : 7-Mar-2000 12:14:47 pm

FCC ID : OCCHWP-1500
Model Number : HWP-1500
Serial Number : 07C
Frequency : 1880 MHz
Peak Trans. Pwr : 0.178 W
Start Trans. Pwr: 0.178 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SINGLE BAND CDMA PHONE BODY SAR (flip mode)
CHAN. 0600 HANWHA PCS 2cm spacing
PWR:22.50 dBm

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.380

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 1.250, Y = -1.000, Z = 0.000 (cm) Value = 9.315

Measured Values (volts) =
9.021E-003 7.033E-003 5.178E-003 3.669E-003 3.013E-003 2.338E-003
1.780E-003 1.271E-003 1.026E-003 7.721E-004 5.935E-004 6.118E-004
3.150E-004 3.227E-004 2.513E-004 2.068E-004 6.935E-005 1.196E-004
1.203E-004 2.535E-004 1.440E-004

Calc. Voltage @ Surface (Vs) = 0.0119

Voltage @ 1.00 cm (Vt) = 0.0037

Ave. Voltage (Vs+Vt)/2 = 0.0078

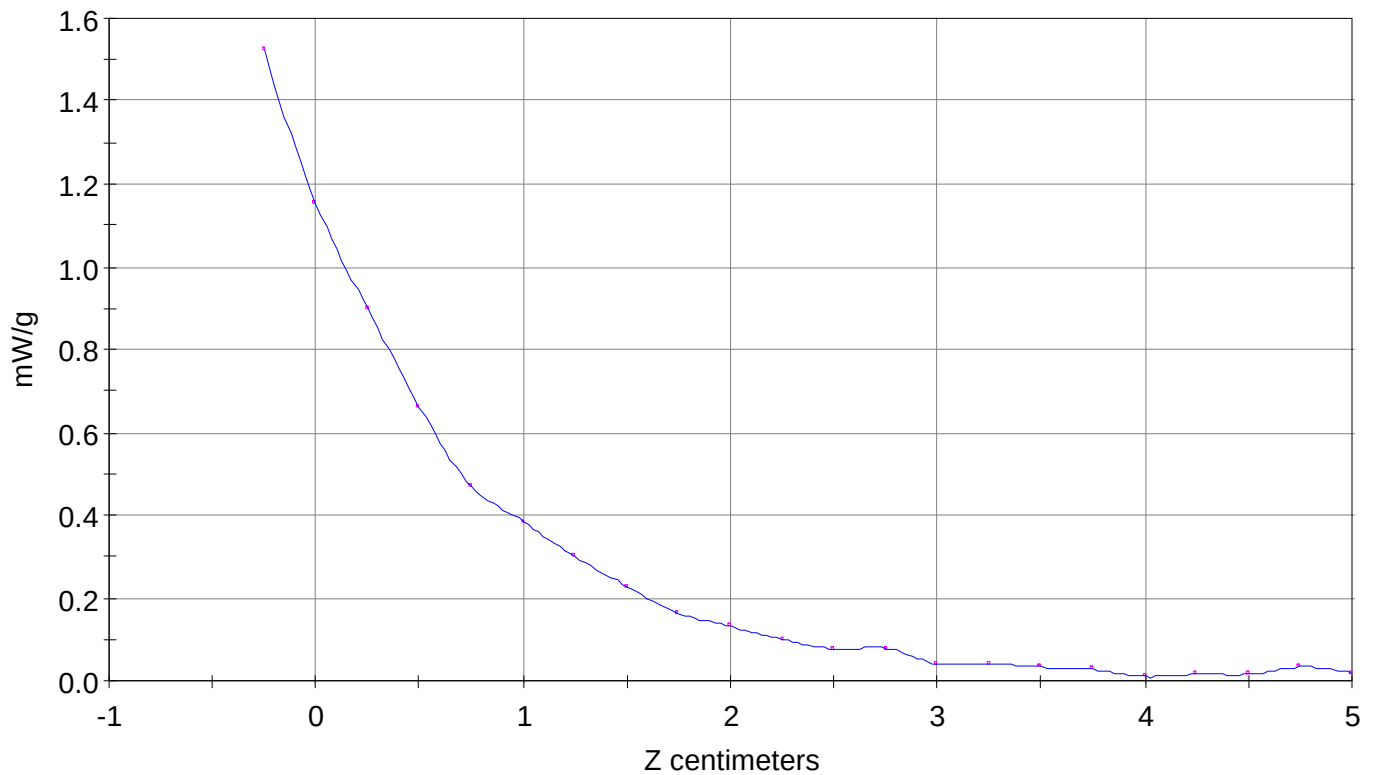
Ave. SAR over 1 g (mW/g) = 0.9955

SAR Scan

File : 00030711_ZOOM

Start : 7-Mar-2000 12:04:18 pm End : 7-Mar-2000 12:14:47 pm

OCCHWP-1500/MODEL:HWP-1500/07C;1880MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00030715_ZOOM.VLT
Start : 7-Mar-2000 02:32:54 pm End : 7-Mar-2000 02:43:40 pm

FCC ID : OCCHWP-1500
Model Number : HWP-1500
Serial Number : 07C
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.178 W
Start Trans. Pwr: 0.178 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SINGLE BAND CDMA PHONE BODY SAR (flip mode)
CHAN. 1175 HANWHA PCS 2cm spacing
PWR:22.50 dBm

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.380

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 2.250, Y = -1.250, Z = 0.000 (cm) Value = 5.316

Measured Values (volts) =
5.162E-003 3.793E-003 2.596E-003 1.949E-003 1.482E-003 1.139E-003
8.699E-004 6.861E-004 5.103E-004 4.694E-004 4.057E-004 2.798E-004
2.535E-004 2.364E-004 2.423E-004 1.744E-004 2.002E-004 1.430E-004
1.365E-004 2.081E-004 1.670E-004

Calc. Voltage @ Surface (Vs) = 0.0073

Voltage @ 1.00 cm (Vt) = 0.0019

Ave. Voltage (Vs+Vt)/2 = 0.0046

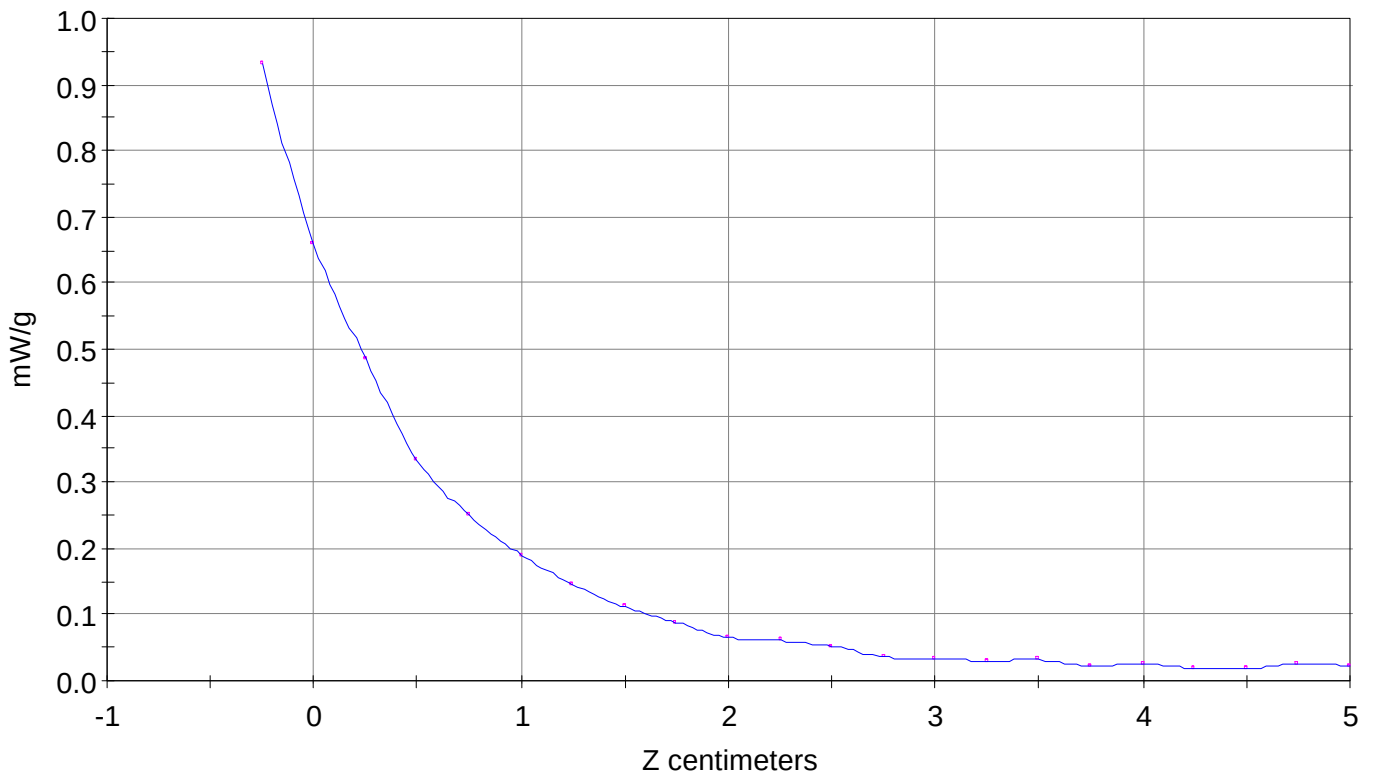
Ave. SAR over 1 g (mW/g) = 0.5900

SAR Scan

File : 00030715_ZOOM

Start : 7-Mar-2000 02:32:54 pm End : 7-Mar-2000 02:43:40 pm

OCCHWP-1500/MODEL:HWP-1500/07C;1908.75MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00030714_ZOOM.VLT
Start : 7-Mar-2000 02:14:53 pm End : 7-Mar-2000 02:25:12 pm

FCC ID : OCCHWP-1500
Model Number : HWP-1500
Serial Number : 07C
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.178 W
Start Trans. Pwr: 0.178 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.850

Comment :
SINGLE BAND CDMA PHONE BODY SAR (flip mode)
CHAN. 1175 HANWHA PCS 2cm spacing
PWR:22.50 dBm

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 1.380

PCTEST Amplifier Channel Settings : 0.250 0.233 0.225

Max Location : X = 1.500, Y = -1.000, Z = 0.000 (cm) Value = 8.956

Measured Values (volts) =
8.702E-003 6.613E-003 4.620E-003 3.515E-003 2.714E-003 2.065E-003
1.568E-003 1.221E-003 9.129E-004 7.277E-004 6.114E-004 4.903E-004
3.689E-004 2.665E-004 3.604E-004 2.509E-004 1.781E-004 1.719E-004
1.469E-004 2.231E-004 2.287E-004

Calc. Voltage @ Surface (Vs) = 0.0120

Voltage @ 1.00 cm (Vt) = 0.0035

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

Ave. SAR over 1 g (mW/g) = 0.9882

SAR Scan

File : 00030714_ZOOM

Start : 7-Mar-2000 02:14:53 pm End : 7-Mar-2000 02:25:12 pm

OCCHWP-1500/MODEL:HWP-1500/07C;1908.75MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

