

Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02010307_ZOOM.VLT
Start : 3-Jan-102 12:45:54 pm End : 3-Jan-102 01:03:06 pm

Radio Type : HYUNDAI
Model Number : HWP-130
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Internal
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 56.100
Mixture Conductivity = 0.950

Comment :
HYUNDAI FIXED WLL TELEPHONE - CDMA MODE
CH 1013 Conducted 25.0 dBm
HYUNDAI FIXED WLL TELEPHONE

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.423

PCTEST Amplifier Channel Settings : 0.239 0.278 0.294

Max Location : X = 0.000, Y = -2.000, Z = 0.000 (cm) Value = 29.570

Measured Values (volts) =
2.939E-002 2.247E-002 1.842E-002 1.636E-002 1.390E-002 1.232E-002
1.085E-002 9.574E-003 8.372E-003 7.395E-003 6.662E-003 5.971E-003
5.222E-003 4.712E-003 4.384E-003 3.970E-003 3.629E-003 3.224E-003
3.277E-003 3.122E-003 3.144E-003

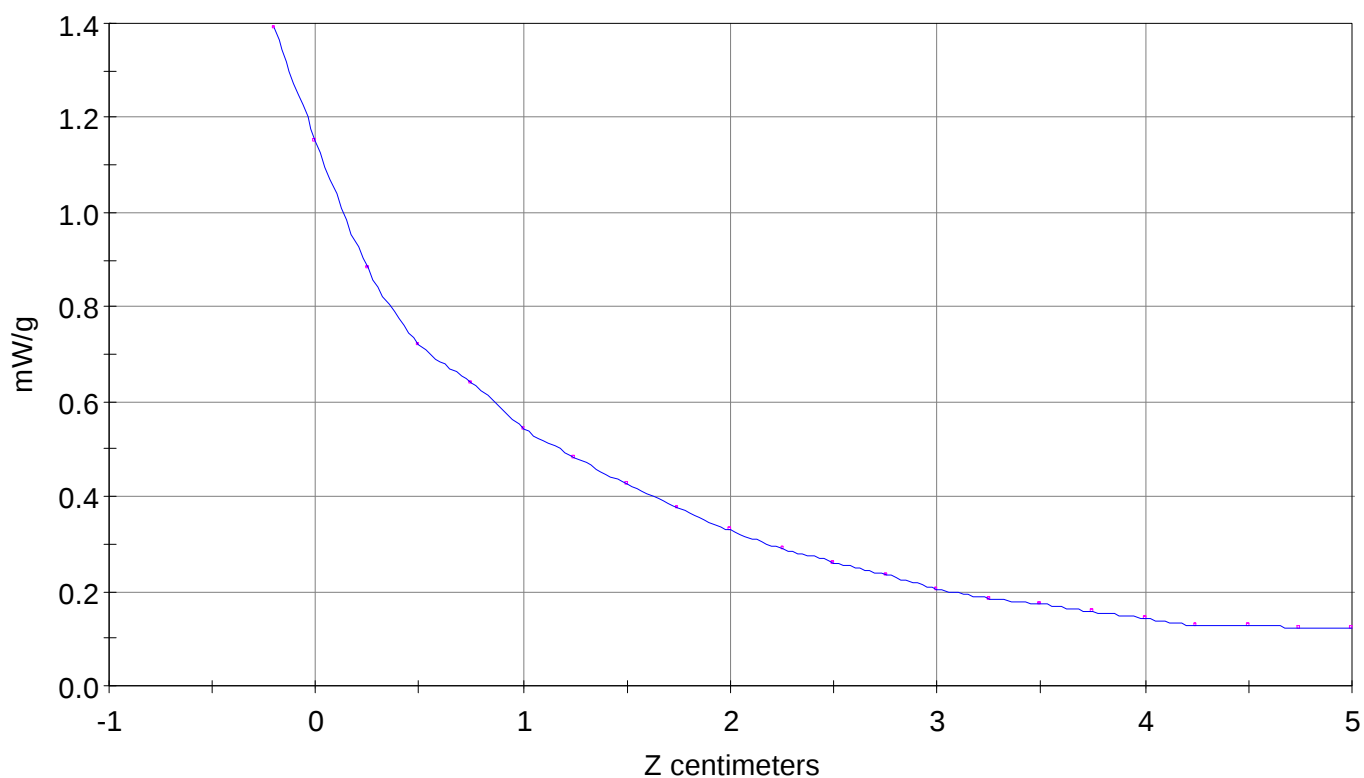
Calc. Voltage @ Surface (Vs) = 0.0354

Voltage @ 1.00 cm (Vt) = 0.0159

Ave. Voltage (Vs+Vt)/2 = 0.0257

Ave. SAR over 1 g (mW/g) = 1.0048

SAR Scan
File : 02010307_ZOOM
Start : 3-Jan-102 12:45:54 pm End : 3-Jan-102 01:03:06 pm
HYUNDAI/HWP-130/1;824.70MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

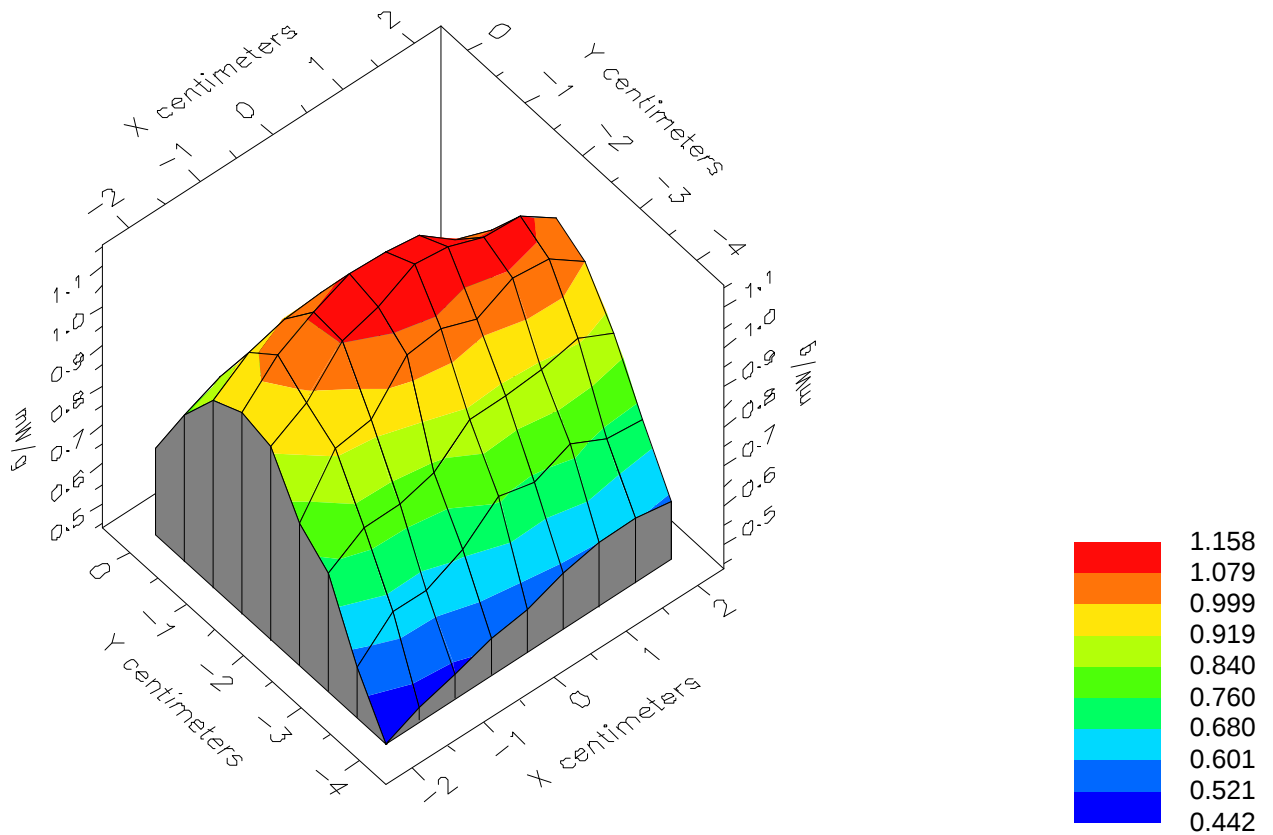


File : 02010307_ZOOM

Start : 3-Jan-102 12:45:54 pm End : 3-Jan-102 01:03:06 pm

HYUNDAI/HWP-130/1;824.70MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

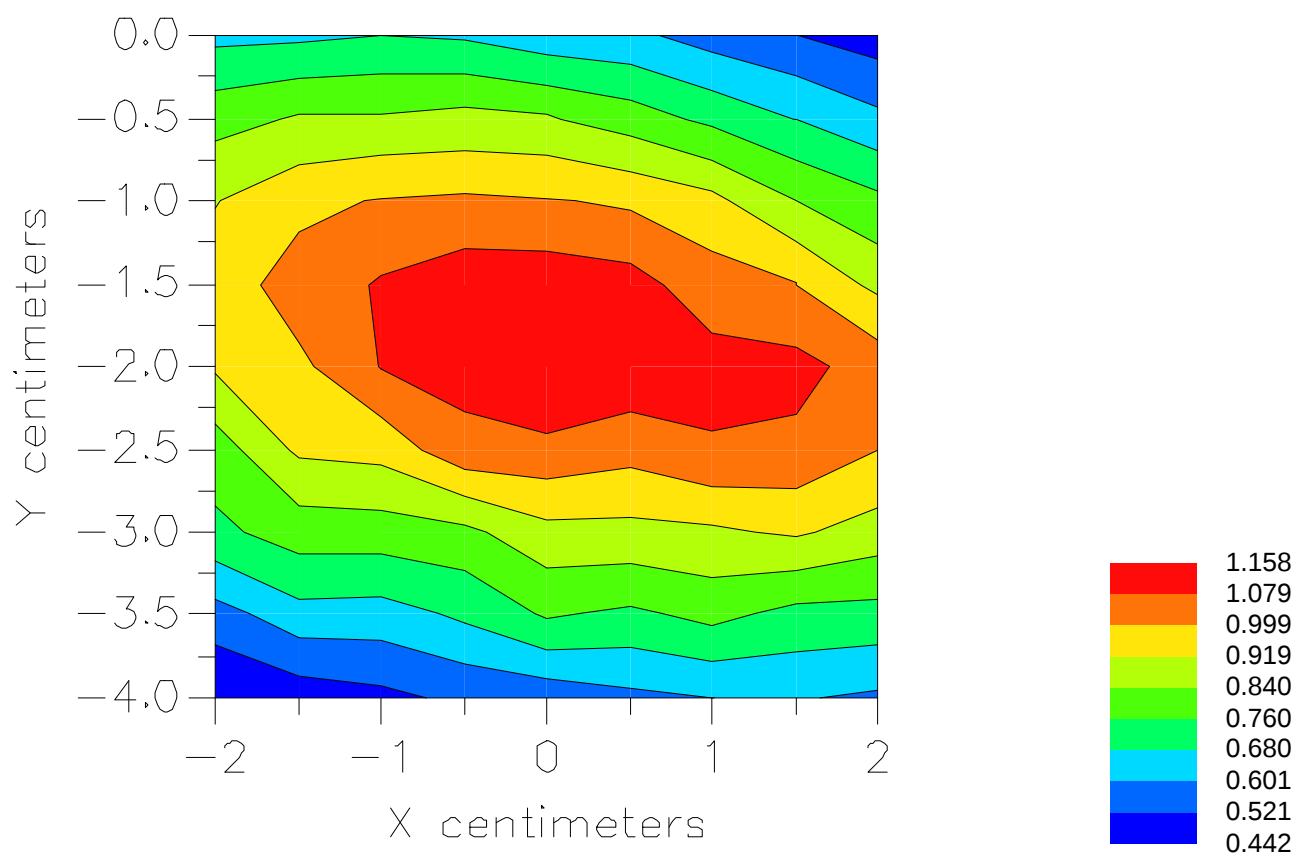


File : 02010307_ZOOM

Start : 3-Jan-102 12:45:54 pm End : 3-Jan-102 01:03:06 pm

HYUNDAI/HWP-130/1;824.70MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02010308_ZOOM.VLT
Start : 3-Jan-102 01:04:28 pm End : 3-Jan-102 01:15:05 pm

Radio Type : HYUNDAI
Model Number : HWP-130
Serial Number : 1
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Internal
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 56.100
Mixture Conductivity = 0.950

Comment :
HYUNDAI FIXED WLL TELEPHONE - CDMA MODE
CH 0363 Conducted 25.0 dBm
HYUNDAI FIXED WLL TELEPHONE

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.423

PCTEST Amplifier Channel Settings : 0.239 0.278 0.294

Max Location : X = 0.000, Y = -2.000, Z = 0.000 (cm) Value = 26.052

Measured Values (volts) =
2.522E-002 1.983E-002 1.679E-002 1.447E-002 1.268E-002 1.114E-002
9.819E-003 8.637E-003 7.316E-003 6.635E-003 5.923E-003 5.400E-003
4.828E-003 4.414E-003 3.972E-003 3.508E-003 3.438E-003 3.090E-003
2.916E-003 2.966E-003 2.790E-003

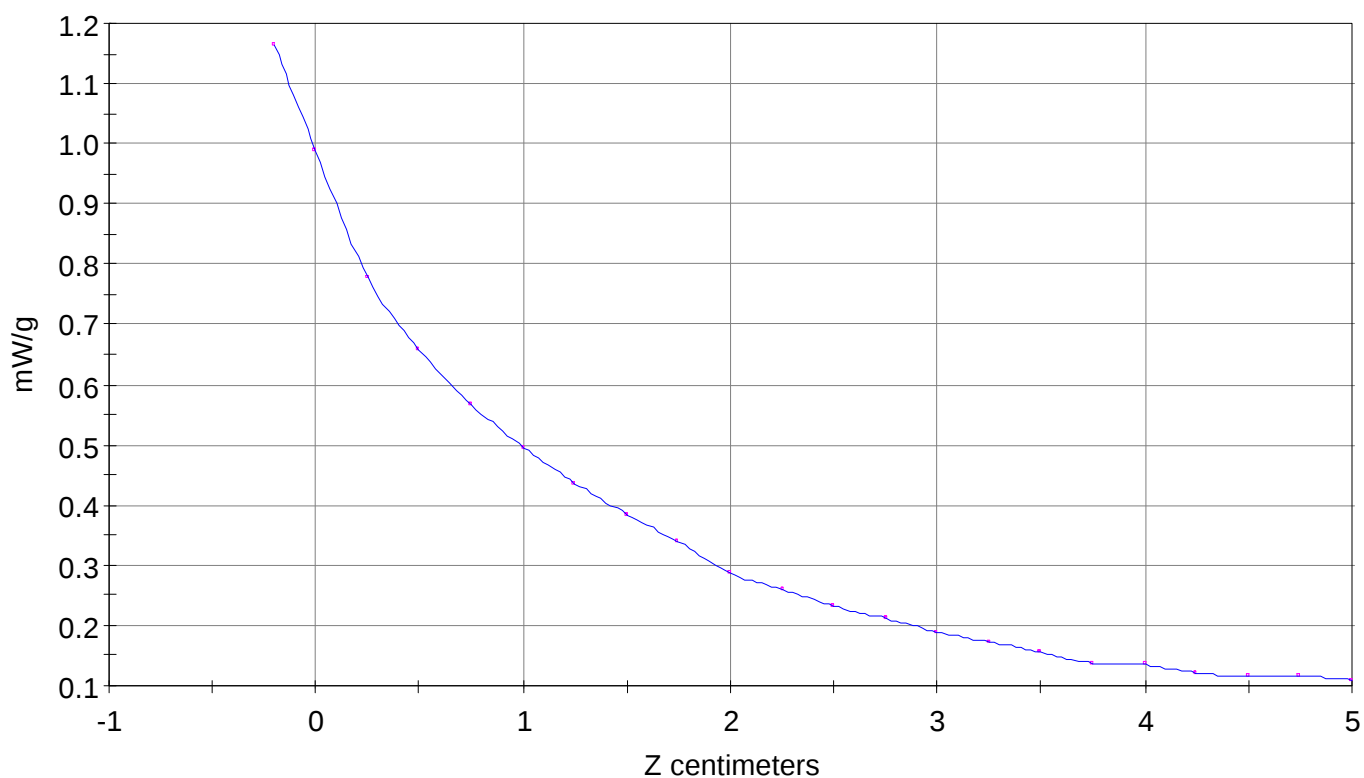
Calc. Voltage @ Surface (Vs) = 0.0297

Voltage @ 1.00 cm (Vt) = 0.0141

Ave. Voltage (Vs+Vt)/2 = 0.0219

Ave. SAR over 1 g (mW/g) = 0.8579

SAR Scan
File : 02010308_ZOOM
Start : 3-Jan-102 01:04:28 pm End : 3-Jan-102 01:15:05 pm
HYUNDAI/HWP-130/1;835.89MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

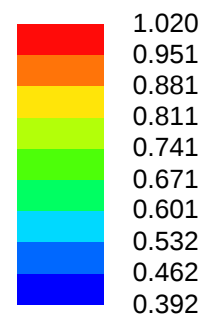
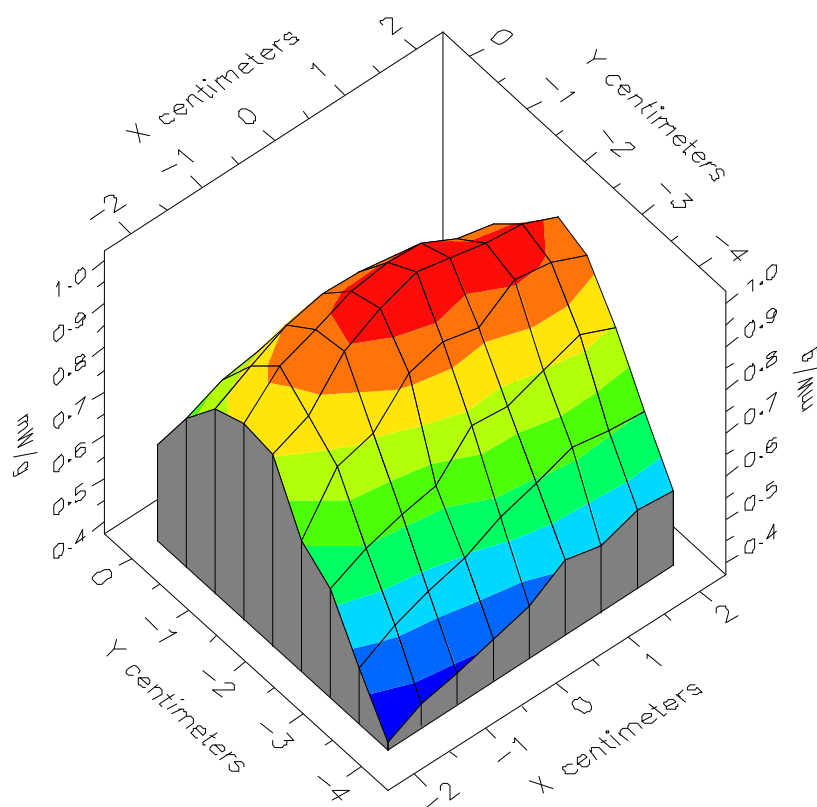


File : 02010308_ZOOM

Start : 3-Jan-102 01:04:28 pm End : 3-Jan-102 01:15:05 pm

HYUNDAI/HWP-130/1;835.89MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

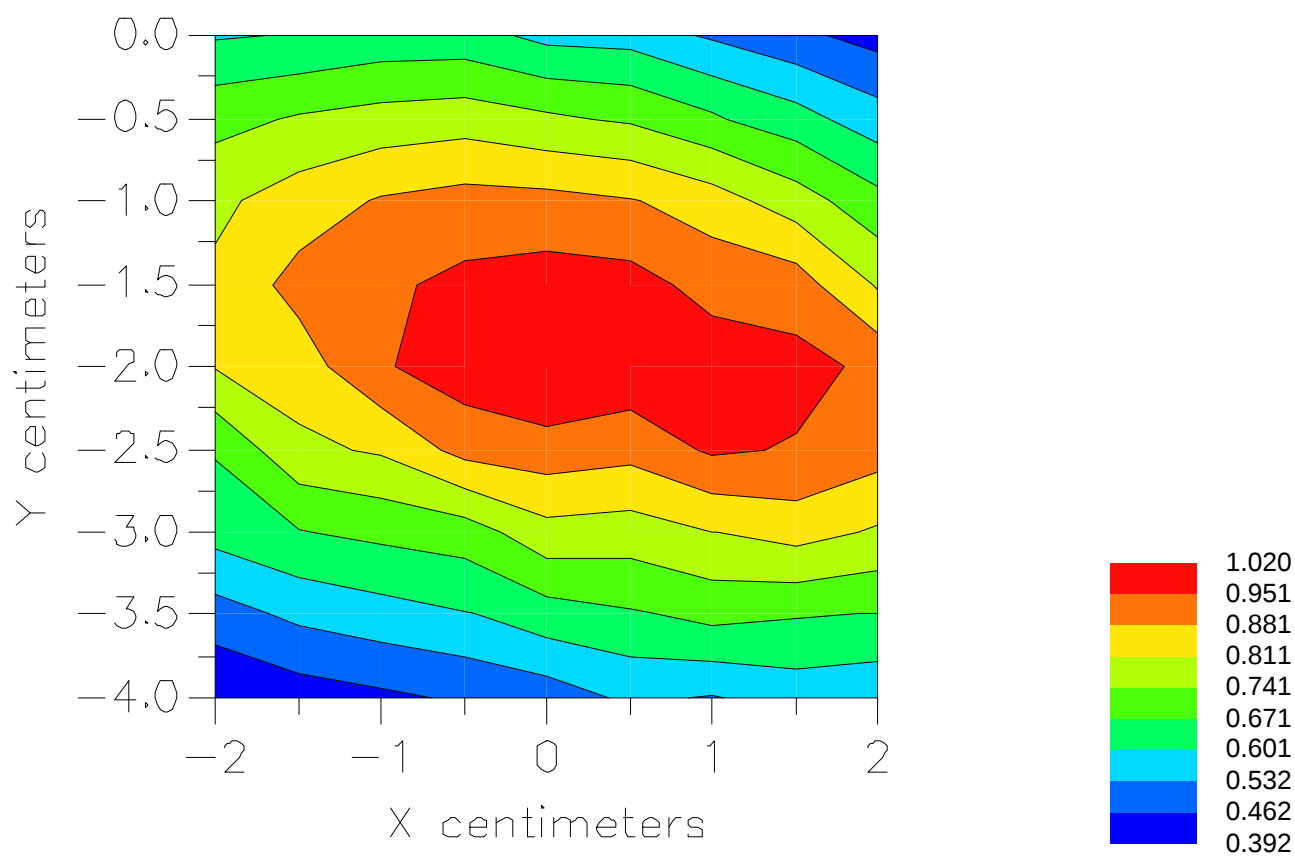


File : 02010308_ZOOM

Start : 3-Jan-102 01:04:28 pm End : 3-Jan-102 01:15:05 pm

HYUNDAI/HWP-130/1;835.89MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02010309_ZOOM.VLT
Start : 3-Jan-102 01:18:36 pm End : 3-Jan-102 01:29:12 pm

Radio Type : HYUNDAI
Model Number : HWP-130
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 W
Antenna Type : Helical
Antenna Posn. : Internal
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 56.100
Mixture Conductivity = 0.950

Comment :
HYUNDAI FIXED WLL TELEPHONE - CDMA MODE
CH 0777 Conducted 25.0 dBm
HYUNDAI FIXED WLL TELEPHONE

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.423

PCTEST Amplifier Channel Settings : 0.239 0.278 0.294

Max Location : X = 0.000, Y = -2.000, Z = 0.000 (cm) Value = 25.572

Measured Values (volts) =
2.319E-002 1.788E-002 1.508E-002 1.312E-002 1.140E-002 1.016E-002
8.816E-003 7.755E-003 6.676E-003 6.165E-003 5.550E-003 4.942E-003
4.129E-003 4.145E-003 3.561E-003 3.474E-003 3.230E-003 2.918E-003
2.943E-003 2.677E-003 2.771E-003

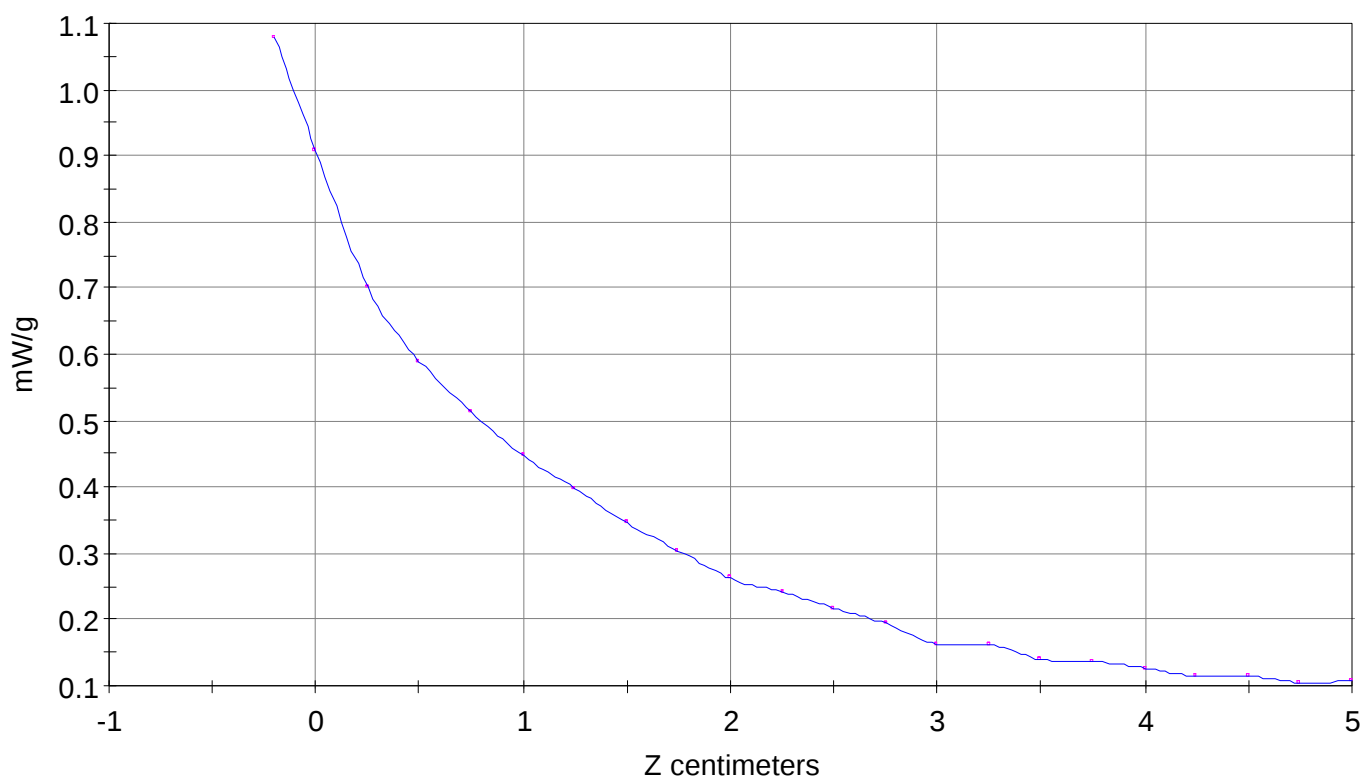
Calc. Voltage @ Surface (Vs) = 0.0276

Voltage @ 1.00 cm (Vt) = 0.0128

Ave. Voltage (Vs+Vt)/2 = 0.0202

Ave. SAR over 1 g (mW/g) = 0.7900

SAR Scan
File : 02010309_ZOOM
Start : 3-Jan-102 01:18:36 pm End : 3-Jan-102 01:29:12 pm
HYUNDAI/HWP-130/1;848.31MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

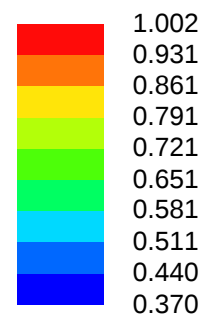
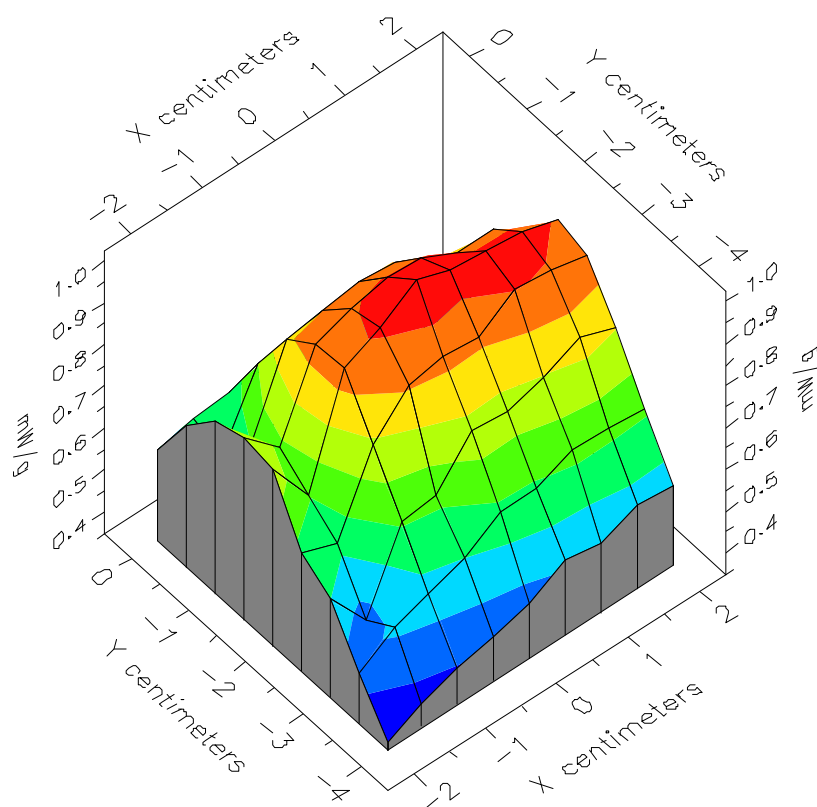


File : 02010309_ZOOM

Start : 3-Jan-102 01:18:36 pm End : 3-Jan-102 01:29:12 pm

HYUNDAI/HWP-130/1;848.31MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : 02010309_ZOOM

Start : 3-Jan-102 01:18:36 pm End : 3-Jan-102 01:29:12 pm

HYUNDAI/HWP-130/1;848.31MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

