

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99071404_ZOOM.VLT
Start : 14-Jul-99 08:47:59 am End : 14-Jul-99 09:00:00 am

Radio Type : HYUNDAI
Model Number : CKLHGC-900
Serial Number : 001
Frequency : 824.70 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 :
CDMA ONLY Phone
Channel 1013
Cable offset 0.7dBm (24.8 dBm CONDUCTED)

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 = 2.500, Y = -4.250, Z = 0.000 (cm) Value = 8.477

Measured Values (volts) =
8.076E-003 6.538E-003 5.898E-003 5.251E-003 4.575E-003 4.013E-003
3.471E-003 2.931E-003 2.492E-003 2.099E-003 1.801E-003 1.636E-003
1.521E-003 1.431E-003 1.329E-003 1.246E-003 1.077E-003 8.879E-004
5.594E-004 4.673E-004 3.288E-004

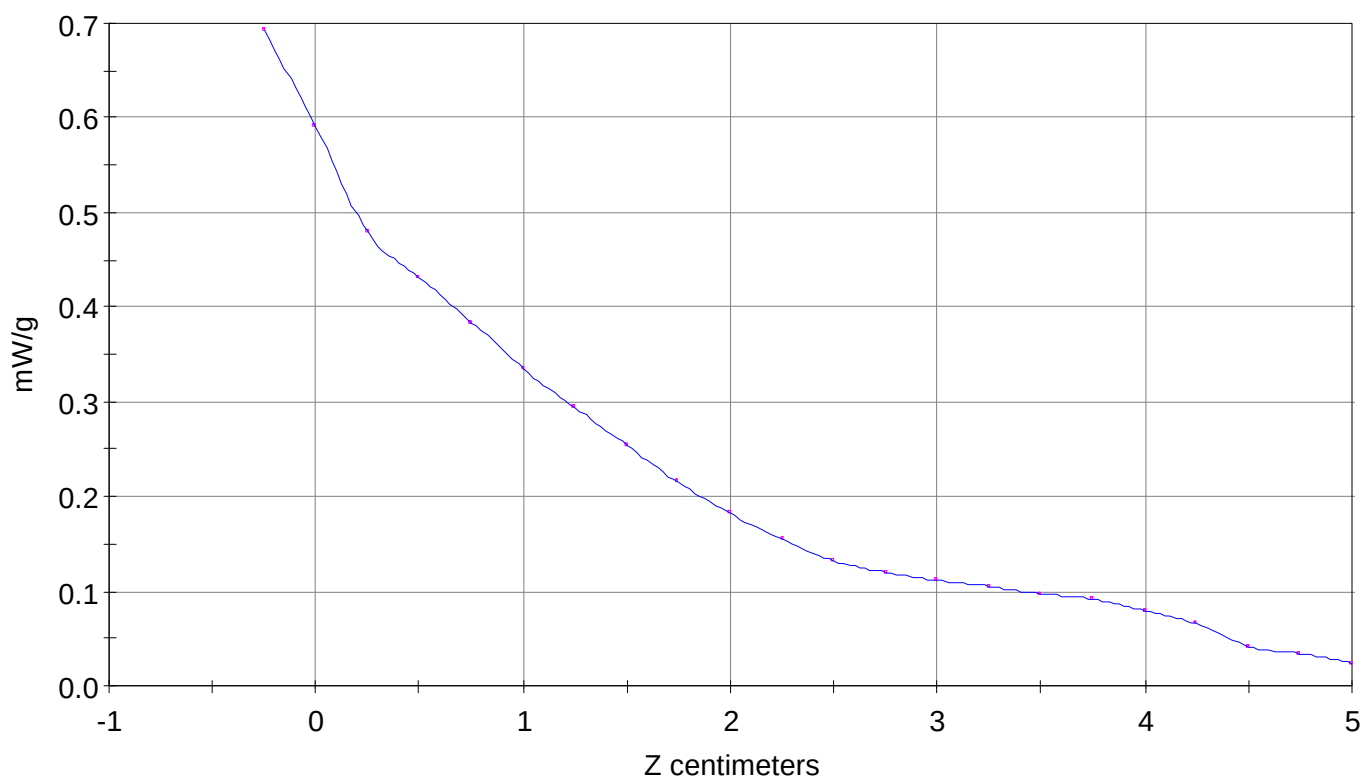
Calc. Voltage @ Surface (Vs) = 0.0095

Voltage @ 1.00 cm (Vt) = 0.0053

Ave. Voltage (Vs+Vt)/2 = 0.0074

Ave. SAR over 1 g (mW/g) = 0.5382

SAR Scan
File : 99071404_ZOOM
Start : 14-Jul-99 08:47:59 am End : 14-Jul-99 09:00:00 am
HYUNDAI/CKLHGC-900/001;824.70MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

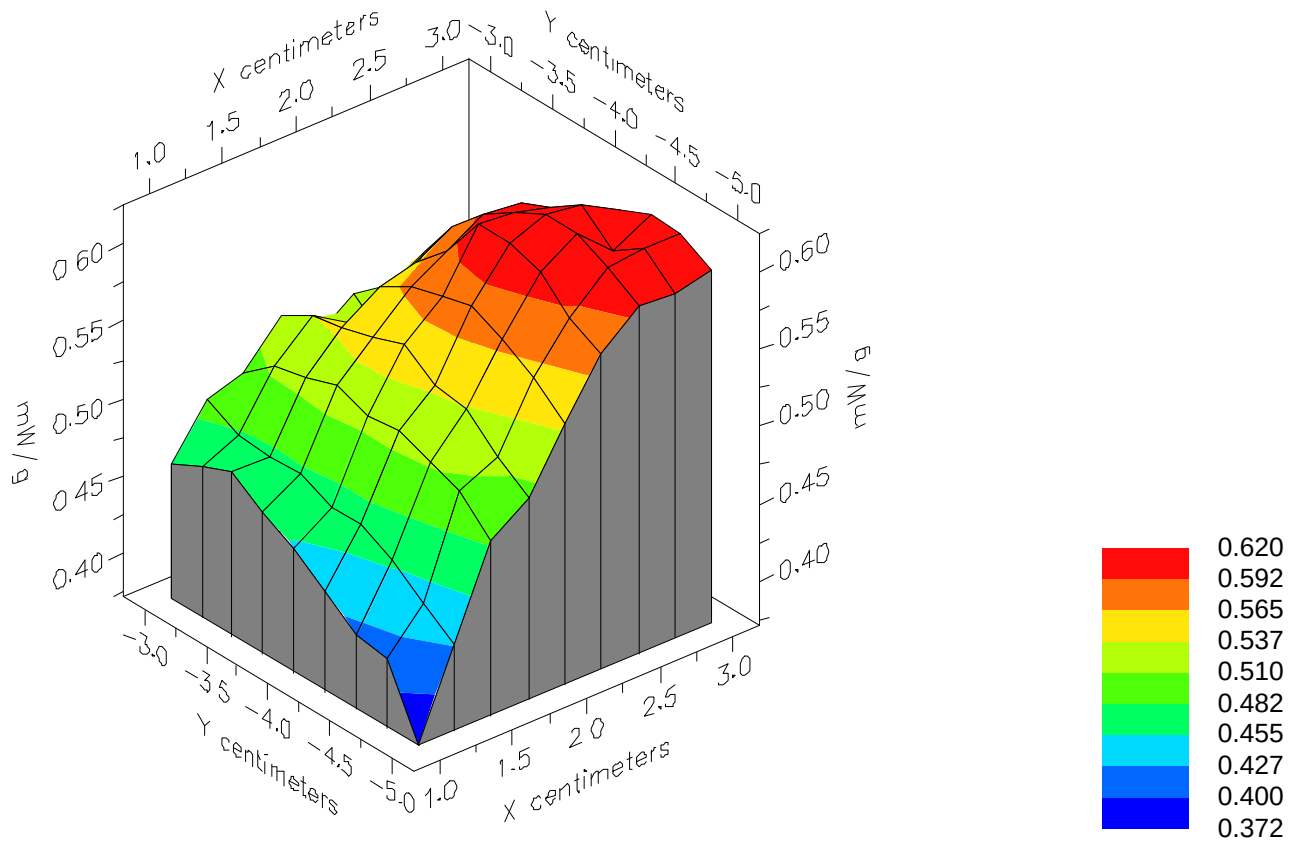


File : 99071404_ZOOM

Start : 14-Jul-99 08:47:59 am End : 14-Jul-99 09:00:00 am

HYUNDAI/CKLHGC-900/001;824.70MHz;W;Helical/In;

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

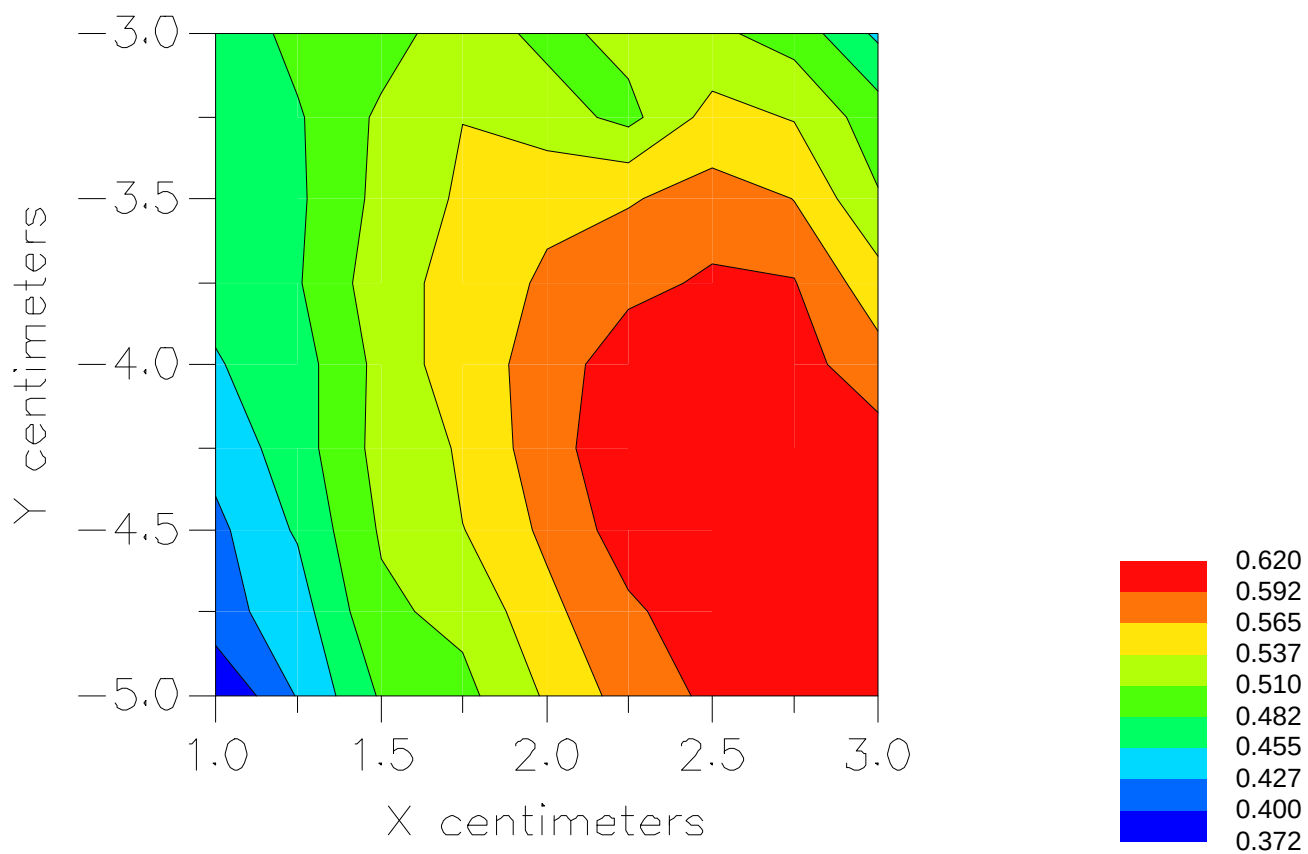


File : 99071404_ZOOM

Start : 14-Jul-99 08:47:59 am End : 14-Jul-99 09:00:00 am

HYUNDAI/CKLHGC-900/001;824.70MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99071407_ZOOM.VLT
Start : 14-Jul-99 09:29:11 am End : 14-Jul-99 09:41:13 am

Radio Type : HYUNDAI
Model Number : CKLHGC-900
Serial Number : 001
Frequency : 824.70 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 :
CDMA ONLY Phone
Channel 1013
Cable offset 0.7dBm (24.8 dBm CONDUCTED)

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 = 2.500, Y = -4.750, Z = 0.000 (cm) Value = 10.409

Measured Values (volts) =
9.797E-003 8.510E-003 7.633E-003 6.854E-003 6.040E-003 5.246E-003
4.520E-003 3.816E-003 3.254E-003 2.783E-003 2.433E-003 2.206E-003
2.067E-003 1.965E-003 1.818E-003 1.669E-003 4.583E-004 1.127E-003
8.600E-004 6.231E-004 4.315E-004

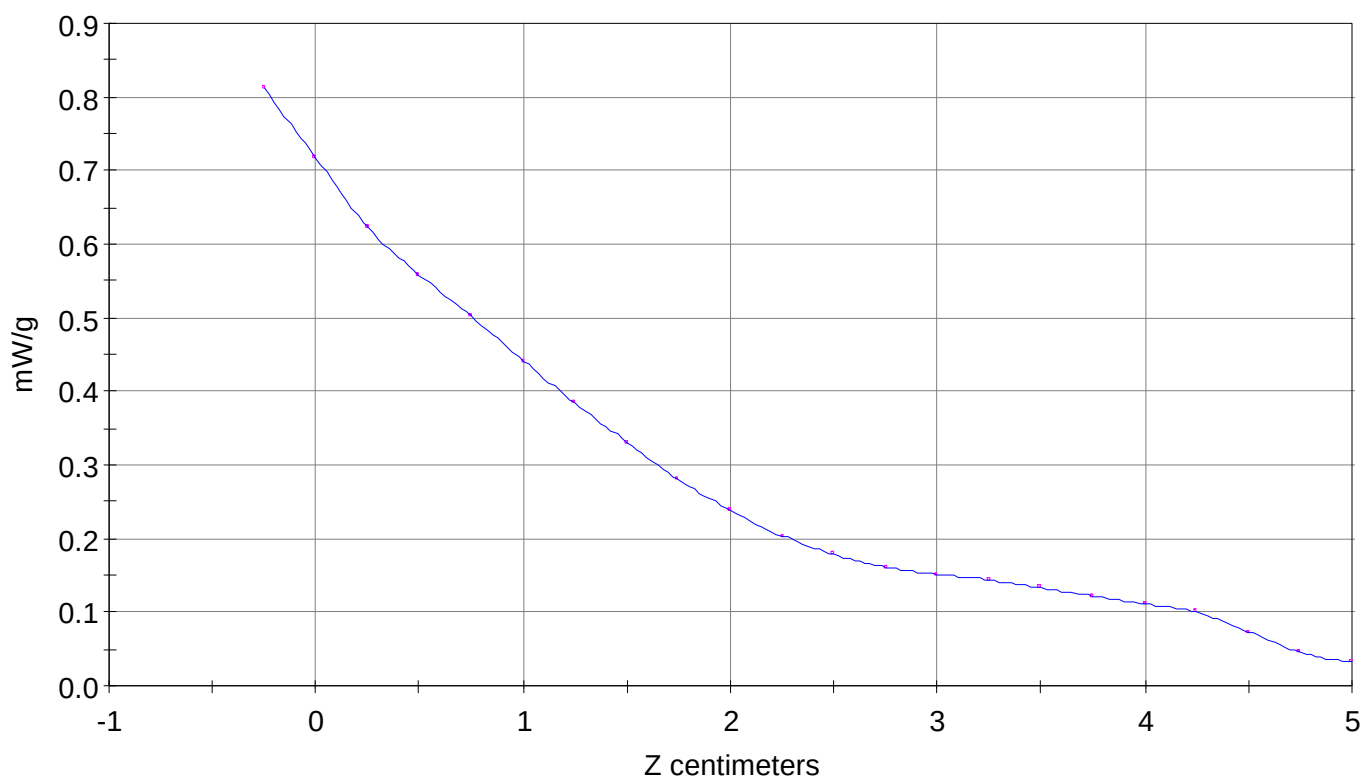
Calc. Voltage @ Surface (Vs) = 0.0111

Voltage @ 1.00 cm (Vt) = 0.0069

Ave. Voltage (Vs+Vt)/2 = 0.0090

Ave. SAR over 1 g (mW/g) = 0.6567

SAR Scan
File : 99071407_ZOOM
Start : 14-Jul-99 09:29:11 am End : 14-Jul-99 09:41:13 am
HYUNDAI/CKLHGC-900/001;824.70MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

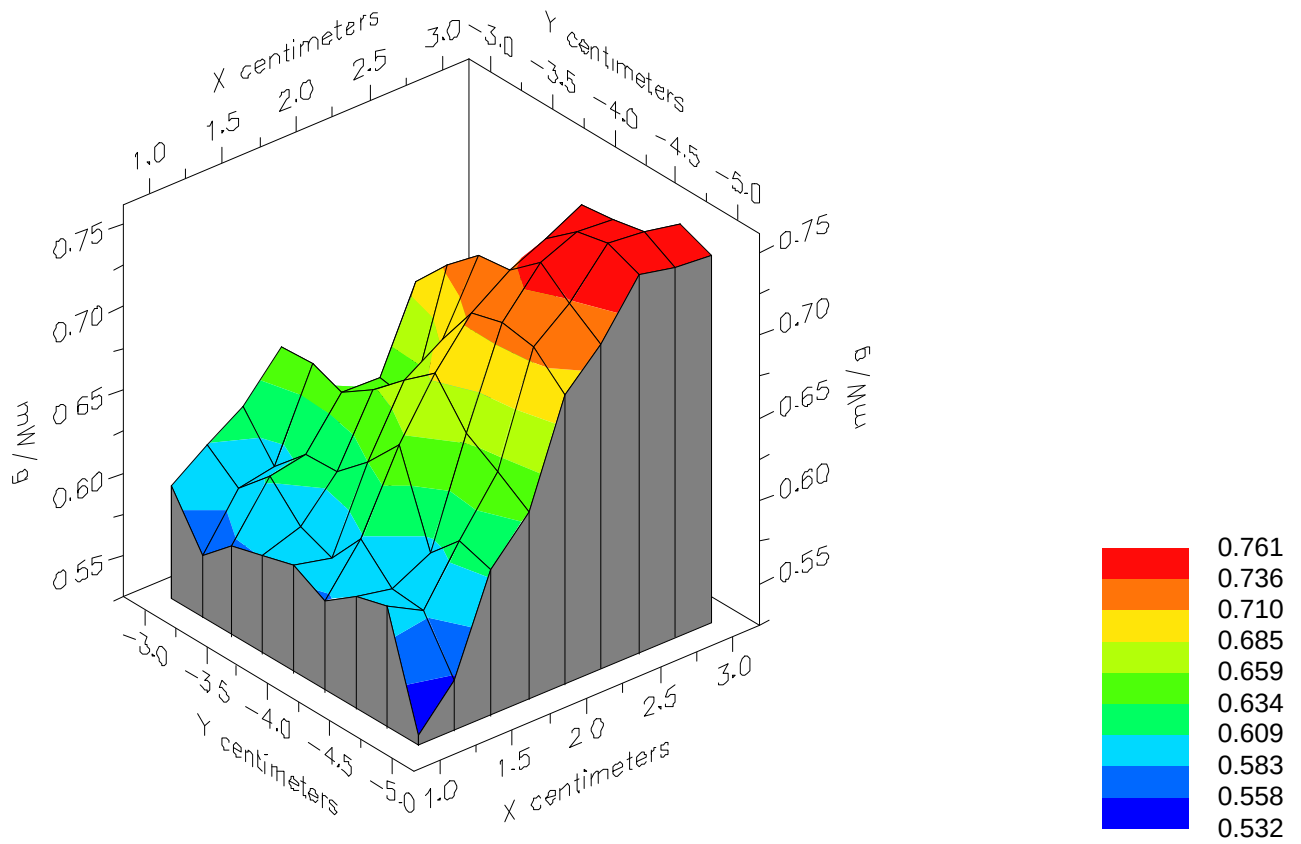


File : 99071407_ZOOM

Start : 14-Jul-99 09:29:11 am End : 14-Jul-99 09:41:13 am

HYUNDAI/CKLHGC-900/001;824.70MHz;W;Helical/Out;

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

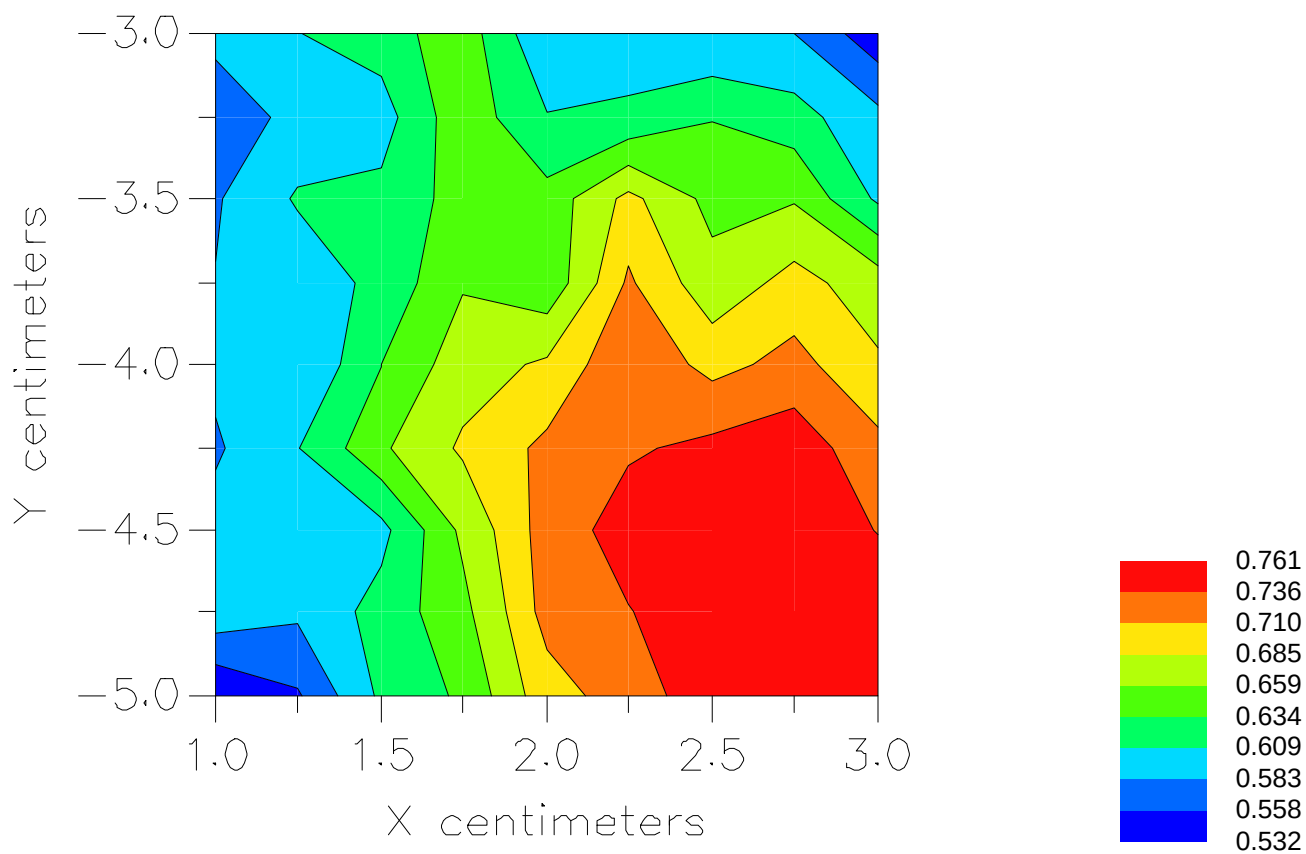


File : 99071407_ZOOM

Start : 14-Jul-99 09:29:11 am End : 14-Jul-99 09:41:13 am

HYUNDAI/CKLHGC-900/001;824.70MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99071311_ZOOM.VLT
Start : 13-Jul-99 03:31:29 pm End : 13-Jul-99 03:43:22 pm

Radio Type : HYUNDAI
Model Number : CKLHGC-900
Serial Number : 001
Frequency : 835.89 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 :
CDMA ONLY Phone
Channel 363
Cable offset 0.7dBm (24.8 dBm CONDUCTED)

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 = 1.500, Y = -3.250, Z = 0.000 (cm) Value = 7.875

Measured Values (volts) =
7.530E-003 6.400E-003 5.558E-003 4.933E-003 4.303E-003 3.812E-003
3.235E-003 2.712E-003 2.357E-003 1.990E-003 1.711E-003 1.558E-003
1.464E-003 1.320E-003 1.210E-003 1.080E-003 9.332E-004 7.513E-004
5.952E-004 4.305E-004 3.114E-004

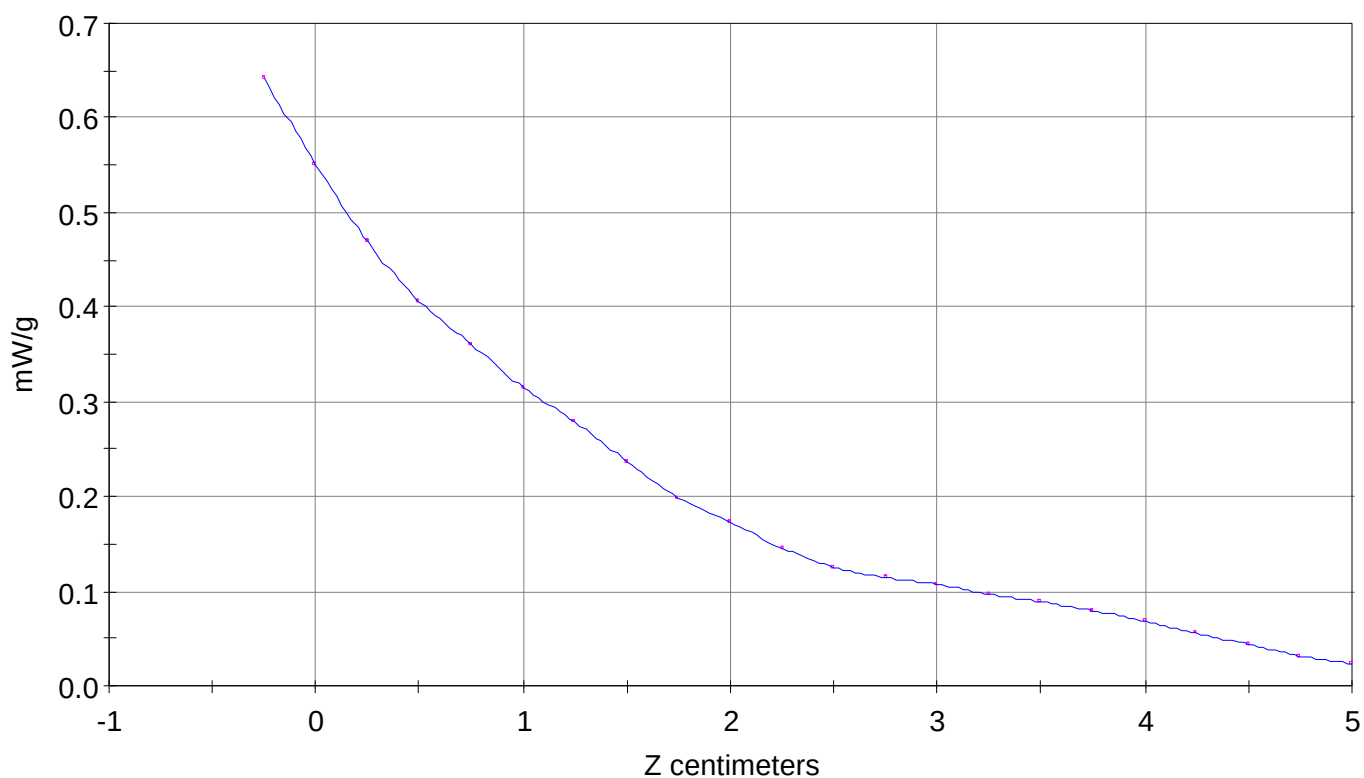
Calc. Voltage @ Surface (Vs) = 0.0088

Voltage @ 1.00 cm (Vt) = 0.0049

Ave. Voltage (Vs+Vt)/2 = 0.0068

Ave. SAR over 1 g (mW/g) = 0.5016

SAR Scan
File : 99071311_ZOOM
Start : 13-Jul-99 03:31:29 pm End : 13-Jul-99 03:43:22 pm
HYUNDAI/CKLHGC-900/001;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

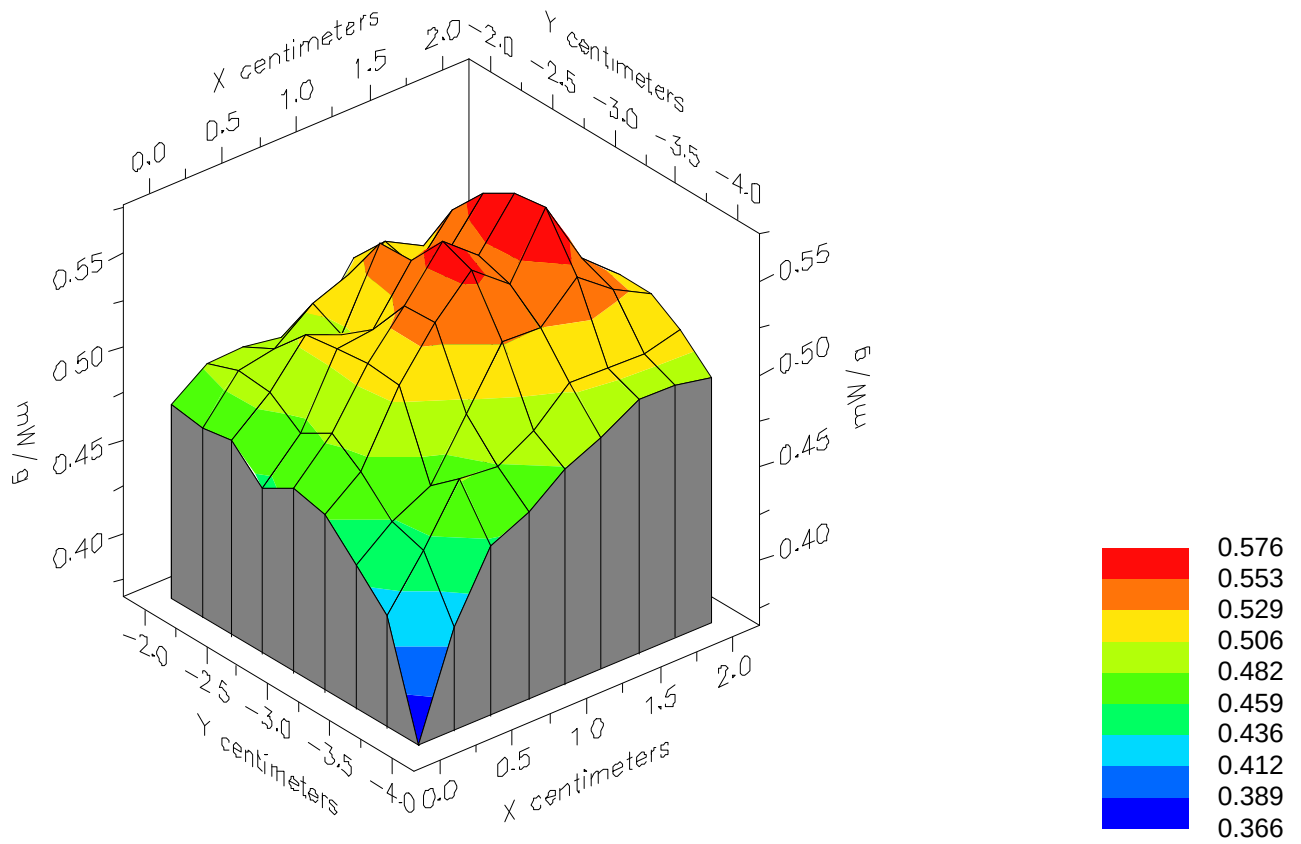


File : 99071311_ZOOM

Start : 13-Jul-99 03:31:29 pm End : 13-Jul-99 03:43:22 pm

HYUNDAI/CKLHGC-900/001;835.89MHz;W;Helical/In;

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

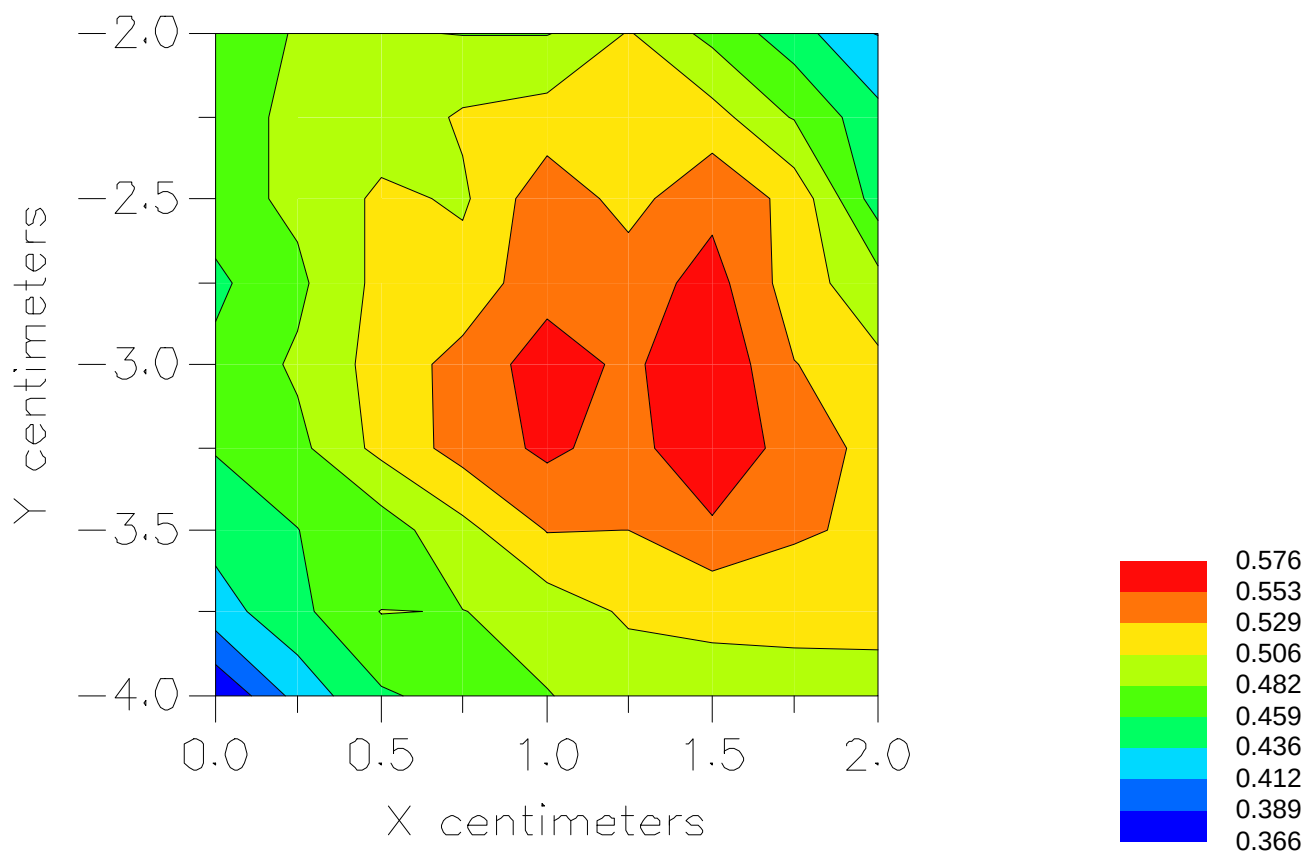


File : 99071311_ZOOM

Start : 13-Jul-99 03:31:29 pm End : 13-Jul-99 03:43:22 pm

HYUNDAI/CKLHGC-900/001;835.89MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99071405_ZOOM.VLT
Start : 14-Jul-99 09:00:57 am End : 14-Jul-99 09:12:58 am

Radio Type : HYUNDAI
Model Number : CKLHGC-900
Serial Number : 001
Frequency : 835.89 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 :
CDMA ONLY Phone
Channel 363
Cable offset 0.7dBm (24.8 dBm CONDUCTED)

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 = 3.000, Y = -4.500, Z = 0.000 (cm) Value = 9.202

Measured Values (volts) =
9.034E-003 7.793E-003 6.821E-003 5.986E-003 5.323E-003 4.589E-003
3.989E-003 3.349E-003 2.860E-003 2.726E-004 2.113E-003 1.903E-003
1.783E-003 1.650E-003 1.522E-003 1.405E-003 1.196E-003 9.859E-004
7.473E-004 5.514E-004 4.129E-004

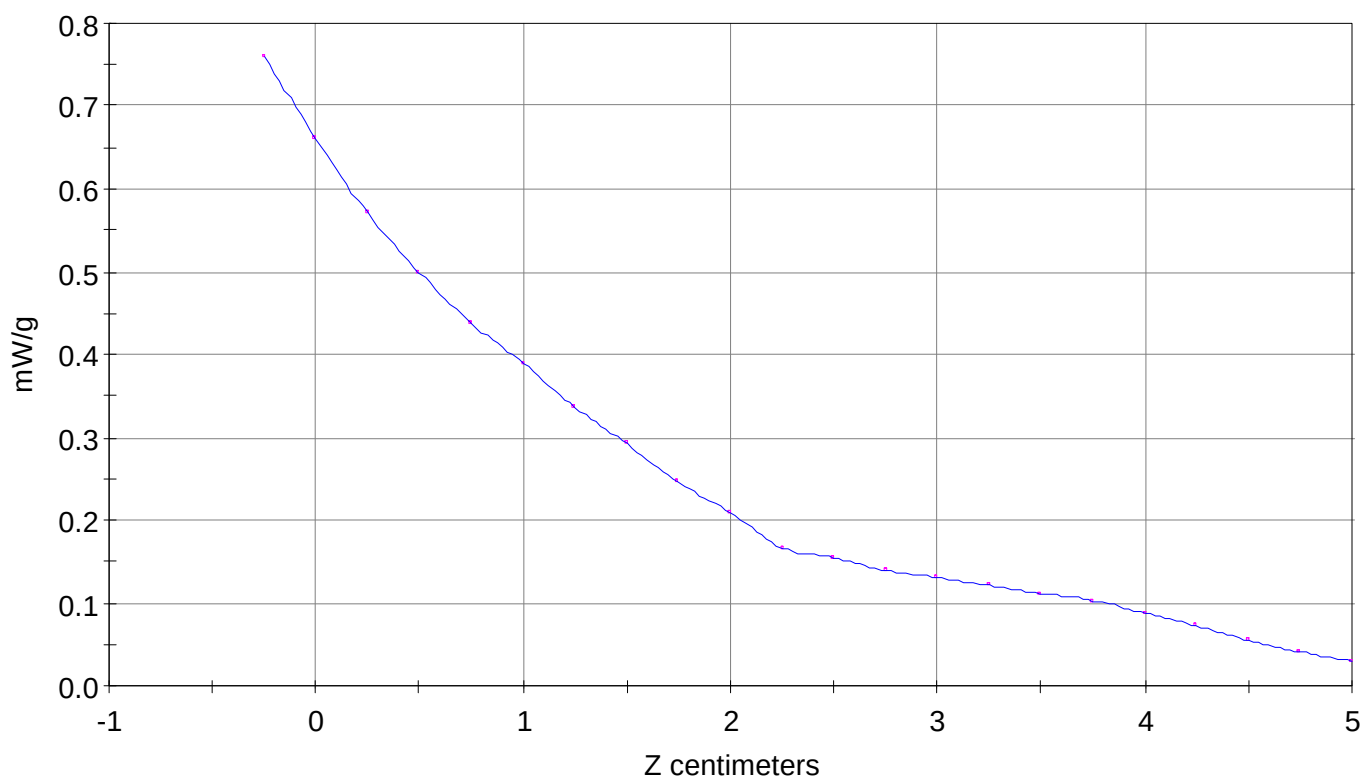
Calc. Voltage @ Surface (Vs) = 0.0104

Voltage @ 1.00 cm (Vt) = 0.0060

Ave. Voltage (Vs+Vt)/2 = 0.0082

Ave. SAR over 1 g (mW/g) = 0.5992

SAR Scan
File : 99071405_ZOOM
Start : 14-Jul-99 09:00:57 am End : 14-Jul-99 09:12:58 am
HYUNDAI/CKLHGC-900/001;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

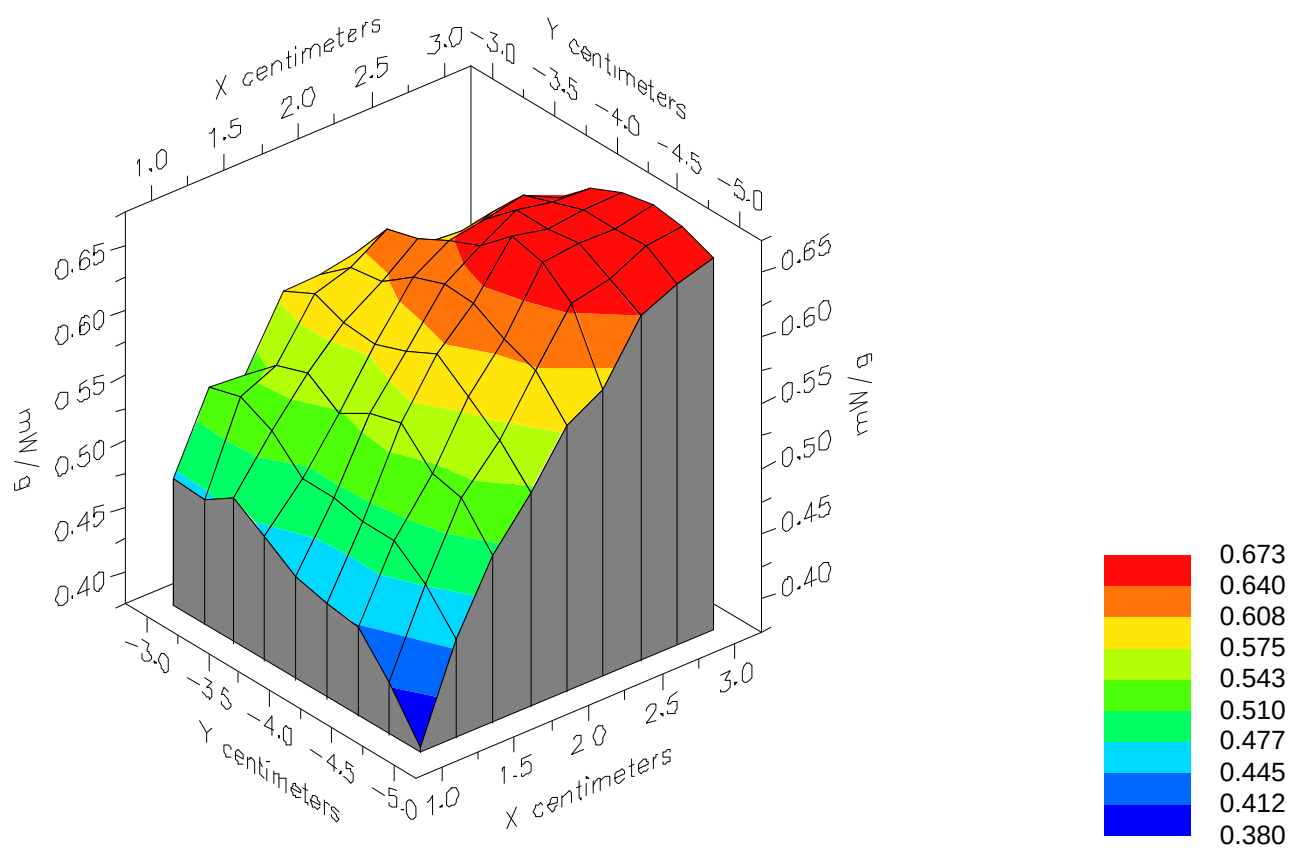


File : 99071405_ZOOM

Start : 14-Jul-99 09:00:57 am End : 14-Jul-99 09:12:58 am

HYUNDAI/CKLHGC-900/001;835.89MHz;W;Helical/Out;

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

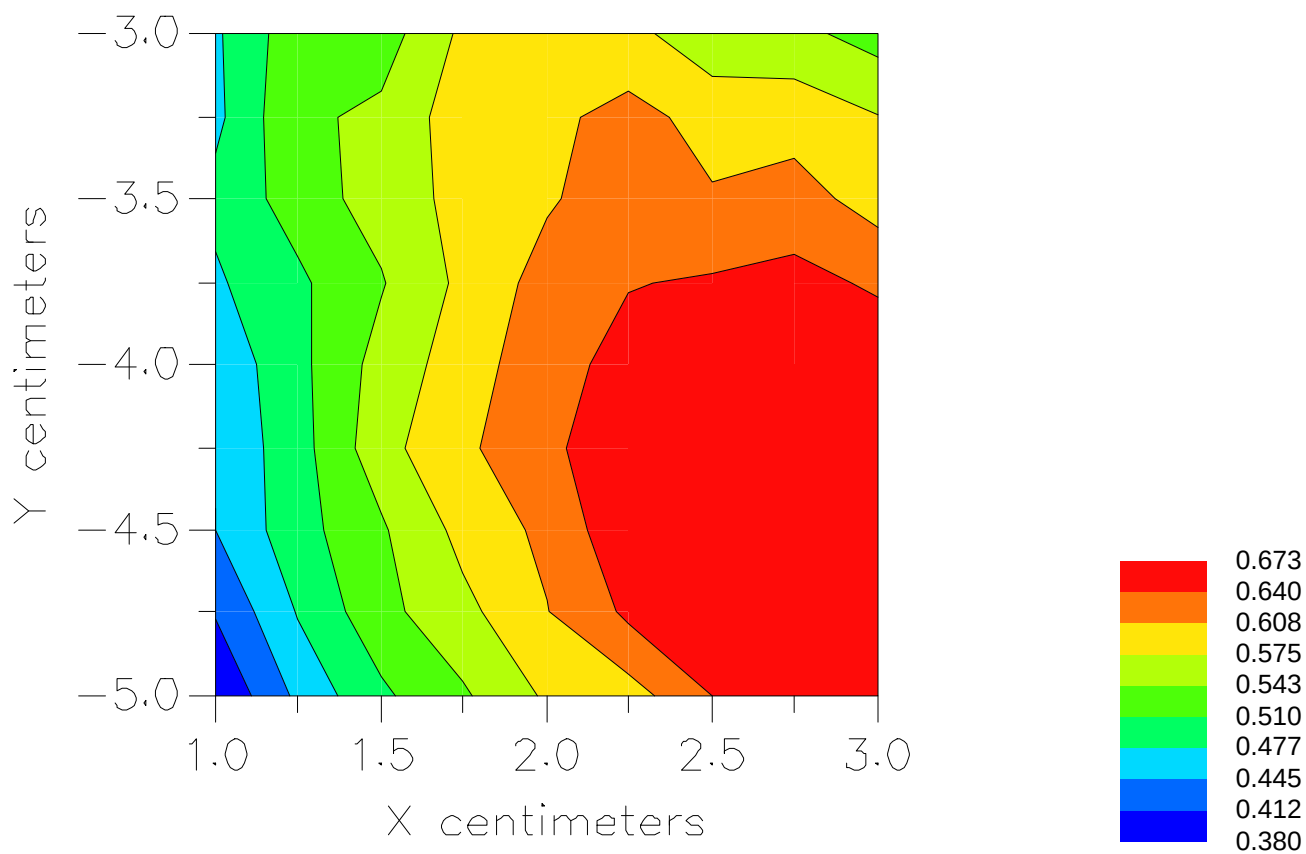


File : 99071405_ZOOM

Start : 14-Jul-99 09:00:57 am End : 14-Jul-99 09:12:58 am

HYUNDAI/CKLHGC-900/001;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99071314_ZOOM.VLT
Start : 13-Jul-99 04:57:41 pm End : 13-Jul-99 05:09:38 pm

Radio Type : HYUNDAI
Model Number : CKLHGC-900
Serial Number : 001
Frequency : 848.31 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 :
CDMA ONLY Phone
Channel 777
Cable offset 0.7dBm (24.8 dBm CONDUCTED)

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 = 1.500, Y = -3.750, Z = 0.000 (cm) Value = 10.563

Measured Values (volts) =
1.011E-002 8.684E-003 7.646E-003 6.732E-003 5.900E-003 5.187E-003
4.421E-003 3.681E-003 3.152E-003 2.722E-003 2.406E-003 2.170E-003
2.015E-003 1.867E-003 1.704E-003 1.515E-003 1.223E-003 1.004E-003
7.489E-004 5.705E-004 4.288E-004

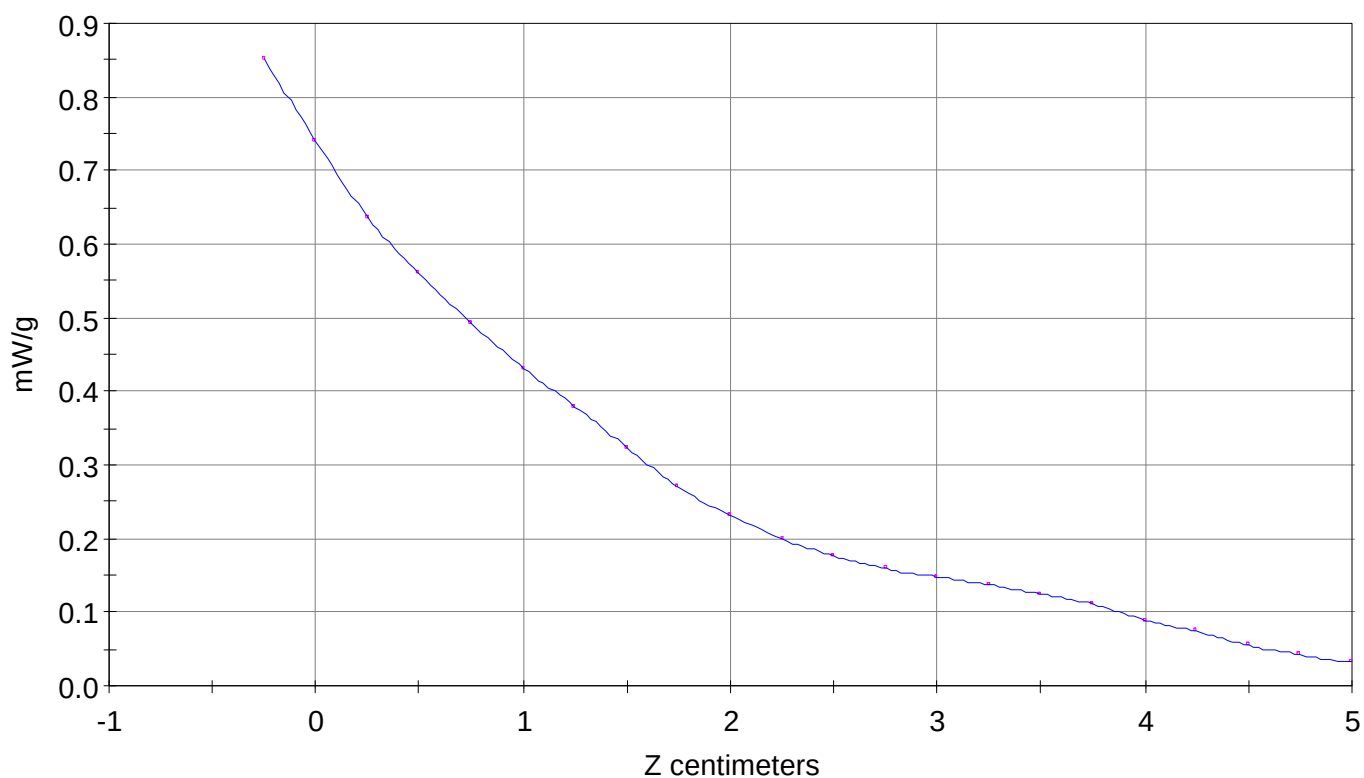
Calc. Voltage @ Surface (Vs) = 0.0116

Voltage @ 1.00 cm (Vt) = 0.0067

Ave. Voltage (Vs+Vt)/2 = 0.0092

Ave. SAR over 1 g (mW/g) = 0.6717

SAR Scan
File : 99071314_ZOOM
Start : 13-Jul-99 04:57:41 pm End : 13-Jul-99 05:09:38 pm
HYUNDAI/CKLHGC-900/001;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

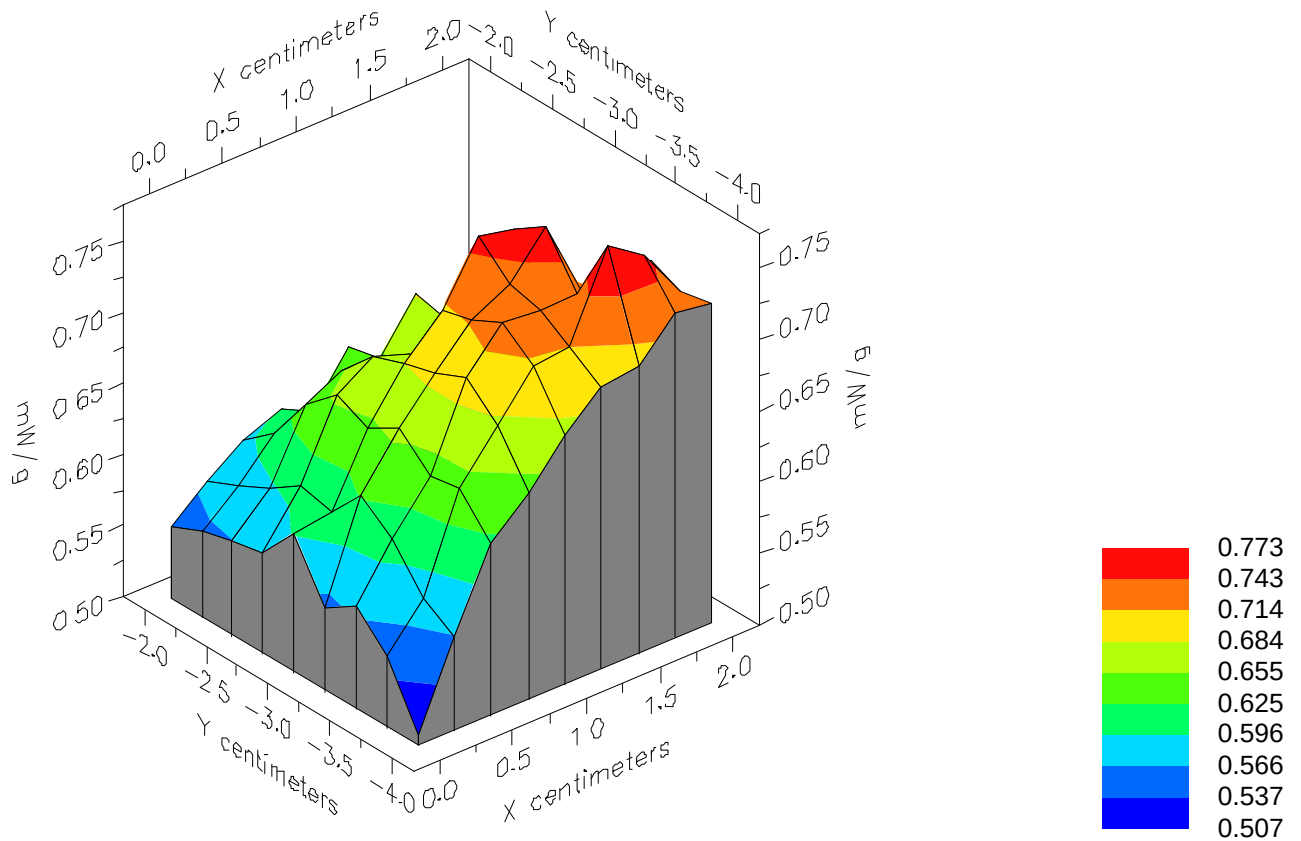


File : 99071314_ZOOM

Start : 13-Jul-99 04:57:41 pm End : 13-Jul-99 05:09:38 pm

HYUNDAI/CKLHGC-900/001;848.31MHz;W;Helical/In;

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

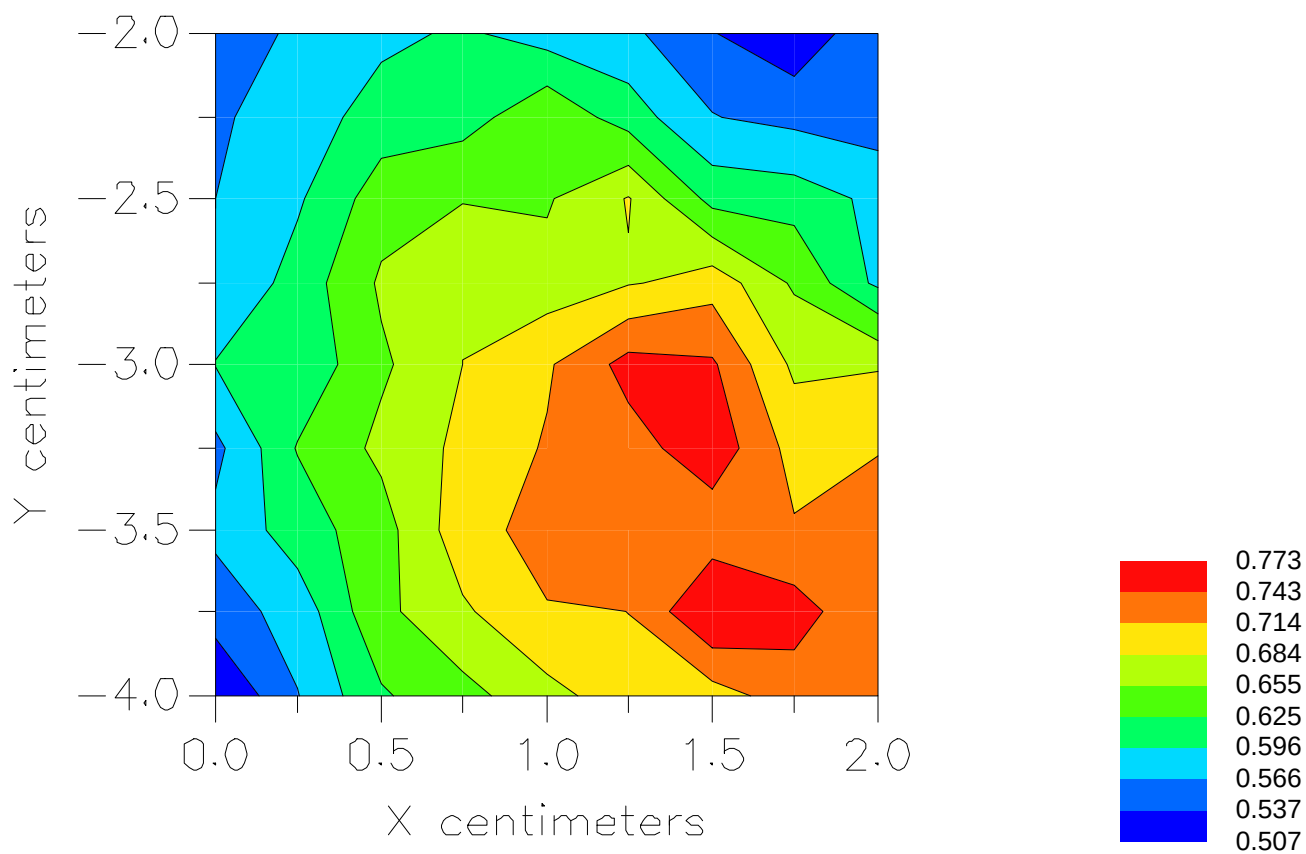


File : 99071314_ZOOM

Start : 13-Jul-99 04:57:41 pm End : 13-Jul-99 05:09:38 pm

HYUNDAI/CKLHGC-900/001;848.31MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99071402_ZOOM.VLT
Start : 14-Jul-99 08:31:34 am End : 14-Jul-99 08:43:24 am

Radio Type : HYUNDAI
Model Number : CKLHGC-900
Serial Number : 001
Frequency : 848.31 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 :
CDMA ONLY Phone
Channel 777
Cable offset 0.7dBm (24.8 dBm CONDUCTED)

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 = 2.500, Y = -4.500, Z = 0.000 (cm) Value = 9.984

Measured Values (volts) =
9.343E-003 8.130E-003 7.214E-003 6.467E-003 5.724E-003 4.951E-003
4.295E-003 3.594E-003 3.057E-003 2.617E-003 2.283E-003 2.056E-003
1.918E-003 1.813E-003 1.682E-003 1.526E-003 1.361E-003 1.098E-003
8.442E-004 6.148E-004 4.722E-004

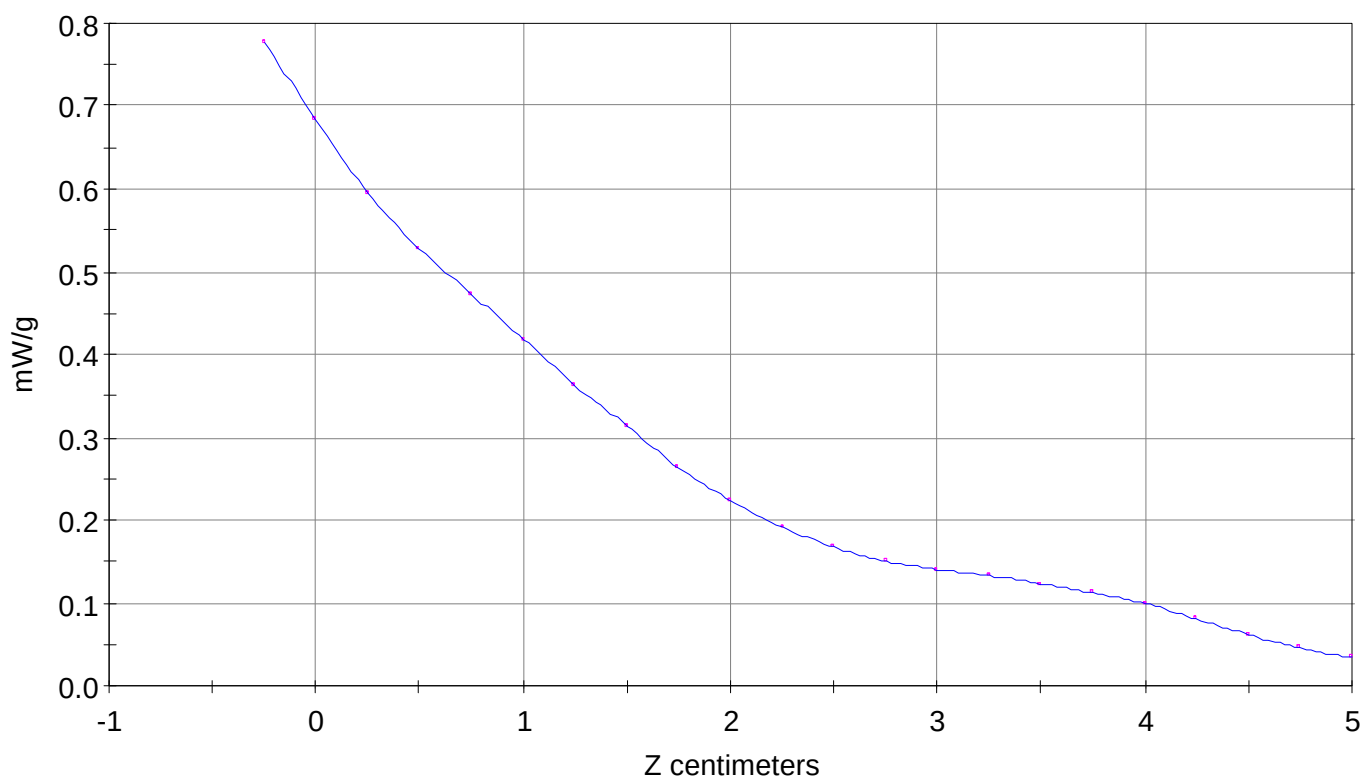
Calc. Voltage @ Surface (Vs) = 0.0106

Voltage @ 1.00 cm (Vt) = 0.0065

Ave. Voltage (Vs+Vt)/2 = 0.0086

Ave. SAR over 1 g (mW/g) = 0.6254

SAR Scan
File : 99071402_ZOOM
Start : 14-Jul-99 08:31:34 am End : 14-Jul-99 08:43:24 am
HYUNDAI/CKLHGC-900/001;848.31MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

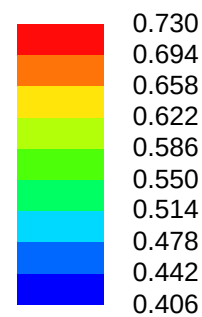
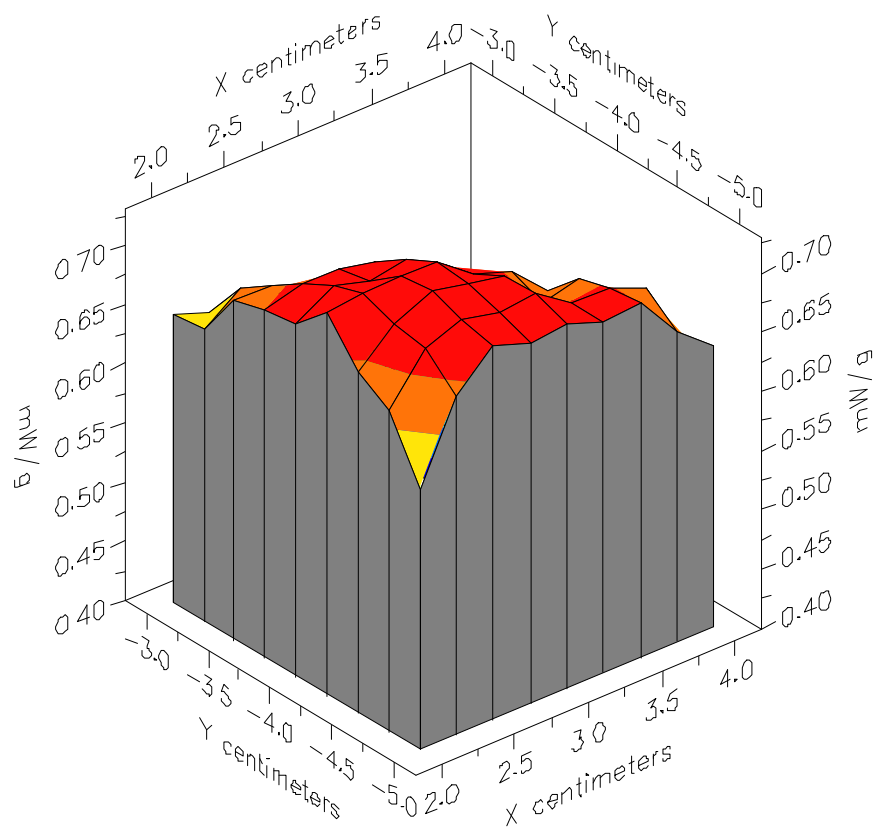


File : 99071402_ZOOM

Start : 14-Jul-99 08:31:34 am End : 14-Jul-99 08:43:24 am

HYUNDAI/CKLHGC-900/001;848.31MHz;W;Helical/Out;

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



File : 99071402_ZOOM

Start : 14-Jul-99 08:31:34 am End : 14-Jul-99 08:43:24 am

HYUNDAI/CKLHGC-900/001;848.31MHz;W;Helical/Out;

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

