

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98102911_ZOOM.VLT
Start : 29-Oct-98 03:24:27 pm End : 29-Oct-98 03:29:36 pm

Radio Type : SAMSUNG
Model Number : A3LSCH8000
Serial Number : 001
Frequency : 1880 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
CHAN 0600 CDMA MODE
PCS PHONE
PCTEST ENGINEERING LABORATORY

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

Diode Coefficients:

Channel 1	An=-52.065	Bn=113.200	Cn=39.840	Dn=0.001	Mn=0.024	Yn=0.000
Channel 2	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000
Channel 3	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000

Max Location : X = 9.000, Y = -2.500, Z = 0.000 (cm) Value = 3.515

Measured Values (volts) =

3.606E-003	2.950E-003	1.475E-003	6.058E-004	2.728E-004	5.844E-005
2.400E-005	2.905E-004	3.188E-005	2.400E-005	2.293E-004	

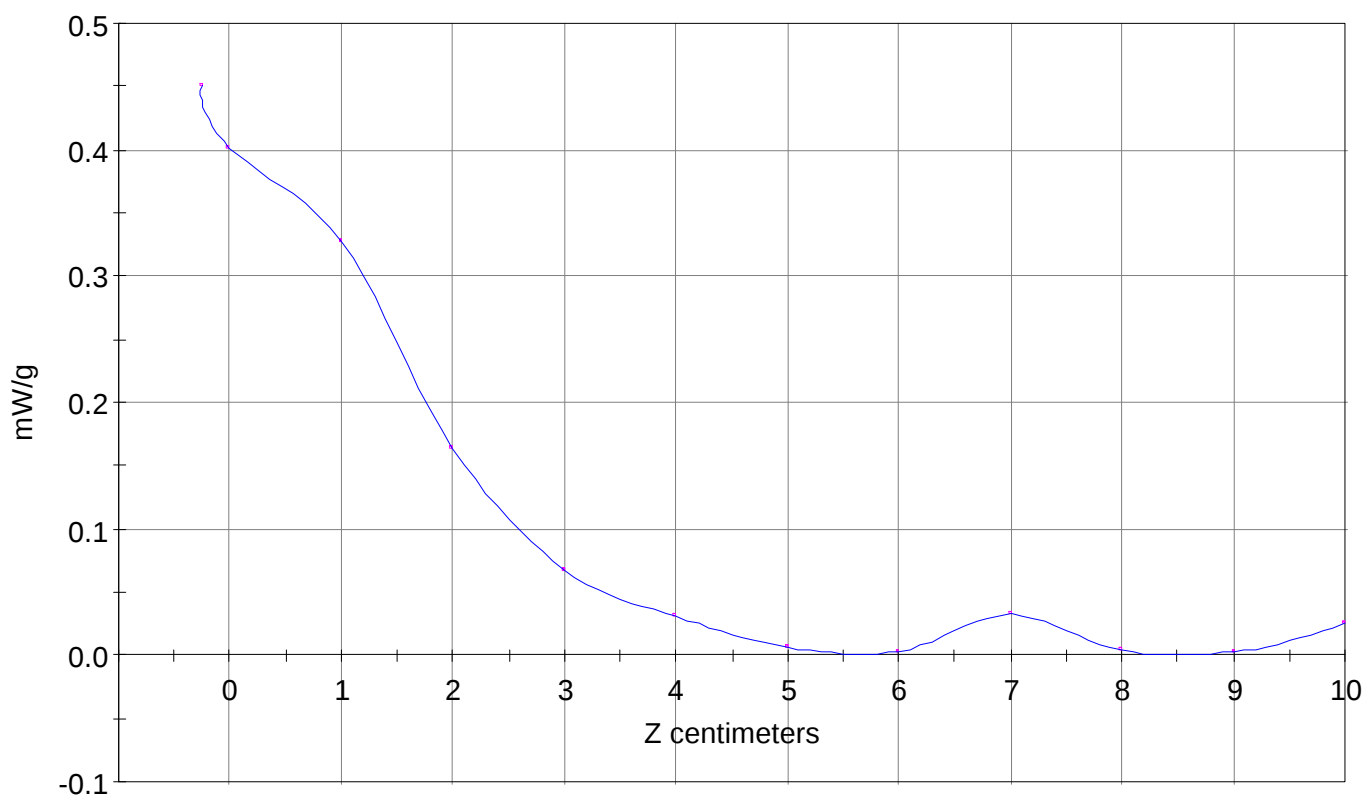
Calc. Voltage @ Surface (Vs) = 0.0041

Voltage @ 1.00 cm (Vt) = 0.0031

Ave. Voltage (Vs+Vt)/2 = 0.0036

Ave. SAR over 1 g (mW/g) = 0.3987

SAR Scan
File : 98102911_ZOOM
Start : 29-Oct-98 03:24:27 pm End : 29-Oct-98 03:29:36 pm
SAMSUNG/A3LSCH8000/001;1880MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98102912_ZOOM.VLT
Start : 29-Oct-98 03:30:23 pm End : 29-Oct-98 03:35:36 pm

Radio Type : SAMSUNG
Model Number : A3LSCH8000
Serial Number : 001
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
CHAN 0025 CDMA MODE
PCS PHONE
PCTEST ENGINEERING LABORATORY

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

Diode Coefficients:

Channel 1	An=-52.065	Bn=113.200	Cn=39.840	Dn=0.001	Mn=0.024	Yn=0.000
Channel 2	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000
Channel 3	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000

Max Location : X = 8.500, Y = -2.250, Z = 0.000 (cm) Value = 3.454

Measured Values (volts) =

3.393E-003	2.470E-003	1.713E-003	1.144E-003	1.920E-004	3.191E-004
5.479E-005	3.318E-004	3.710E-004	1.516E-004	3.073E-004	

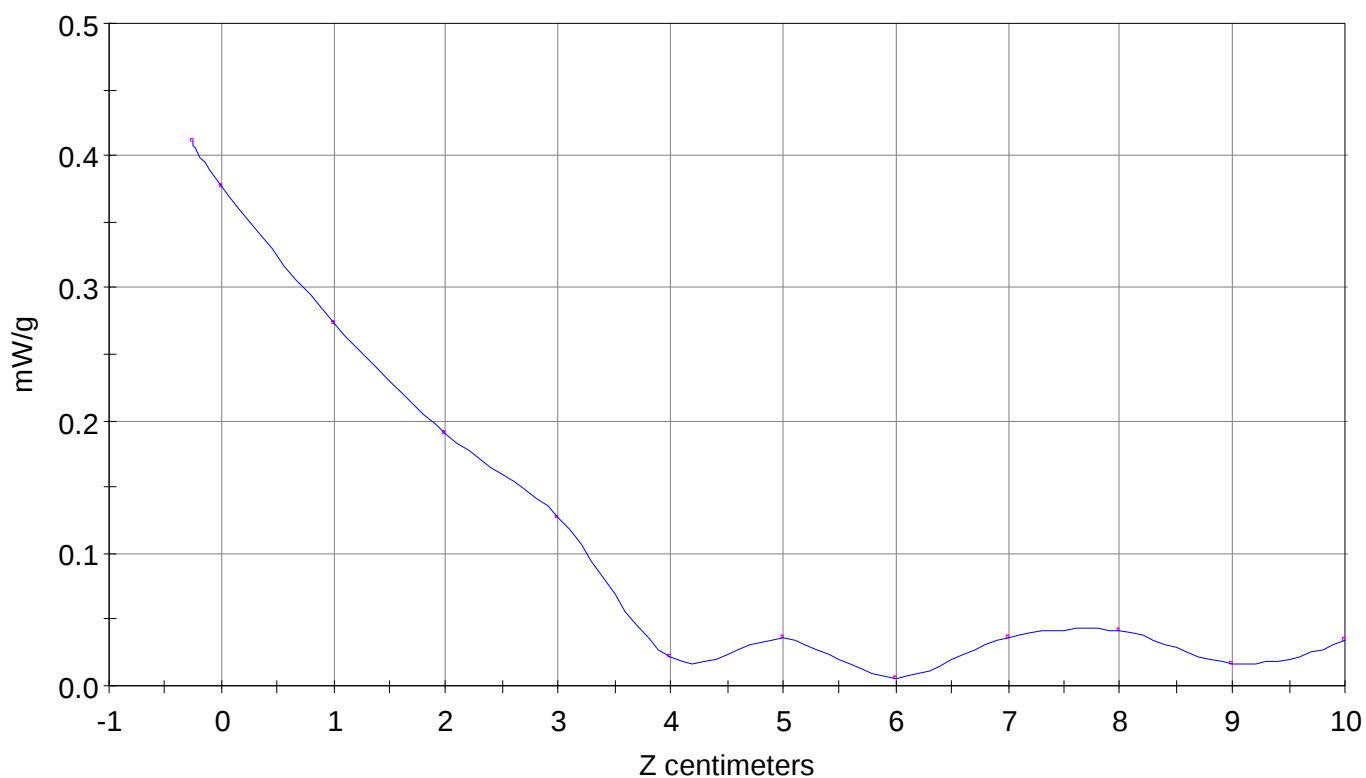
Calc. Voltage @ Surface (Vs) = 0.0037

Voltage @ 1.00 cm (Vt) = 0.0027

Ave. Voltage (Vs+Vt)/2 = 0.0032

Ave. SAR over 1 g (mW/g) = 0.3553

SAR Scan
File : 98102912_ZOOM
Start : 29-Oct-98 03:30:23 pm End : 29-Oct-98 03:35:36 pm
SAMSUNG/A3LSCH8000/001;1851.25MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98102913_ZOOM.VLT
Start : 29-Oct-98 03:36:35 pm End : 29-Oct-98 03:45:24 pm

Radio Type : SAMSUNG
Model Number : A3LSCH8000
Serial Number : 001
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
CHAN 1175 CDMA MODE
PCS PHONE
PCTEST ENGINEERING LABORATORY

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

Diode Coefficients:

Channel 1	An=-52.065	Bn=113.200	Cn=39.840	Dn=0.001	Mn=0.024	Yn=0.000
Channel 2	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000
Channel 3	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000

Max Location : X = 8.750, Y = -2.250, Z = 0.000 (cm) Value = 3.506

Measured Values (volts) =

3.486E-003	2.527E-003	1.100E-003	3.348E-004	3.206E-004	2.400E-005
5.741E-005	2.400E-005	4.224E-005	2.400E-005	2.400E-005	

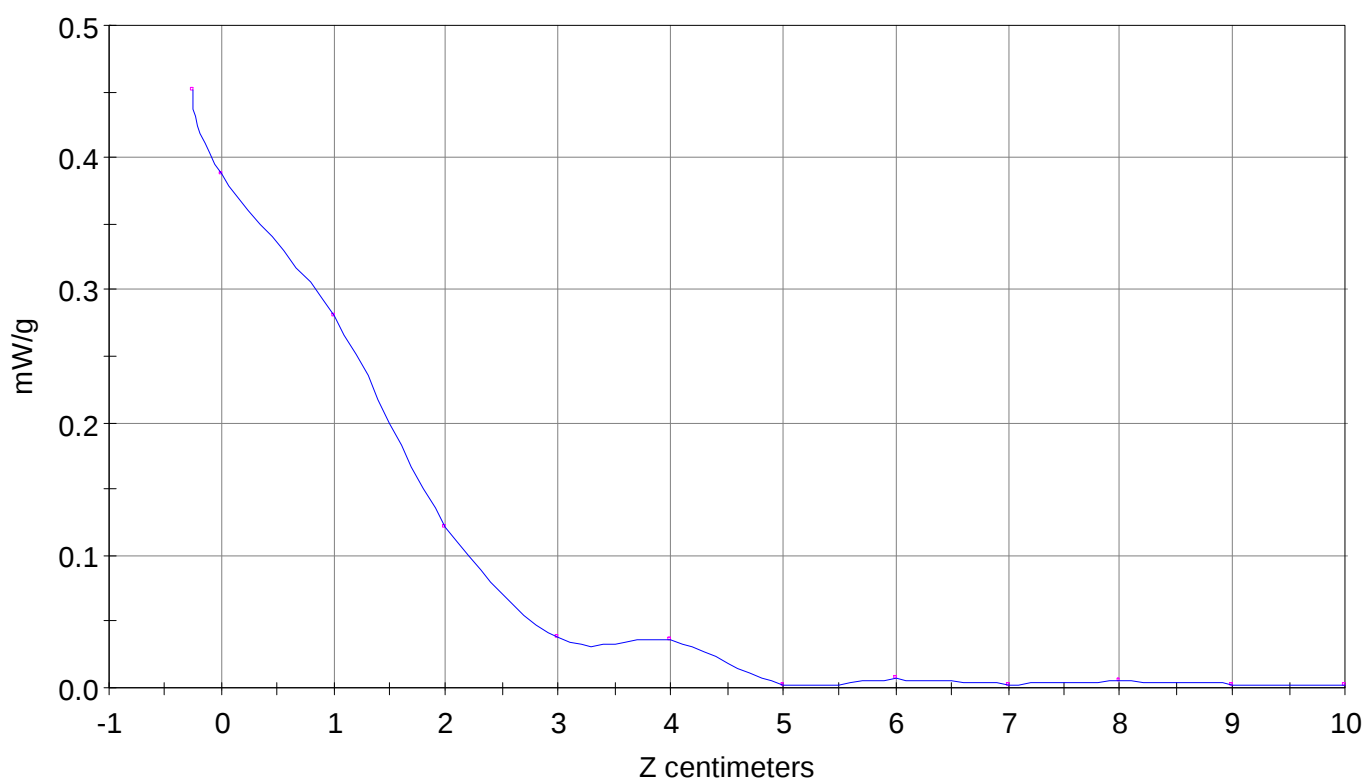
Calc. Voltage @ Surface (Vs) = 0.0041

Voltage @ 1.00 cm (Vt) = 0.0028

Ave. Voltage (Vs+Vt)/2 = 0.0034

Ave. SAR over 1 g (mW/g) = 0.3792

SAR Scan
File : 98102913_ZOOM
Start : 29-Oct-98 03:36:35 pm End : 29-Oct-98 03:45:24 pm
SAMSUNG/A3LSCH8000/001;1908.75MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98102921_ZOOM.VLT
Start : 29-Oct-98 04:54:50 pm End : 29-Oct-98 05:04:02 pm

Radio Type : SAMSUNG
Model Number : A3LSCH8000
Serial Number : 001
Frequency : 1880 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
CHAN 0600 CDMA MODE
PCS PHONE
PCTEST ENGINEERING LABORATORY

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

Diode Coefficients:

Channel 1	An=-52.065	Bn=113.200	Cn=39.840	Dn=0.001	Mn=0.024	Yn=0.000
Channel 2	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000
Channel 3	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000

Max Location : X = 9.000, Y = -2.000, Z = 0.000 (cm) Value = 8.576

Measured Values (volts) =

8.359E-003	6.673E-003	2.642E-003	1.769E-003	9.311E-004	3.045E-004
2.400E-005	2.400E-005	2.400E-005	1.621E-004	1.377E-004	

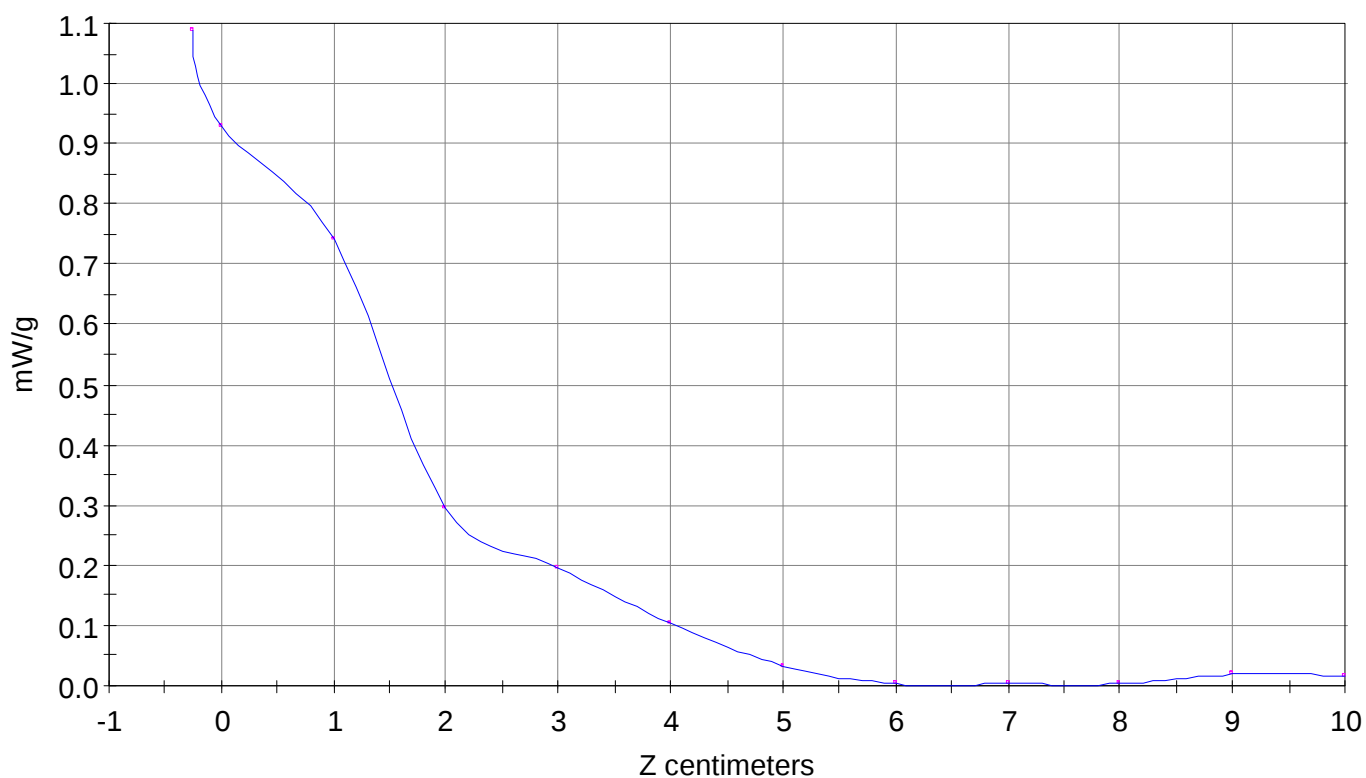
Calc. Voltage @ Surface (Vs) = 0.0098

Voltage @ 1.00 cm (Vt) = 0.0071

Ave. Voltage (Vs+Vt)/2 = 0.0084

Ave. SAR over 1 g (mW/g) = 0.9386

SAR Scan
File : 98102921_ZOOM
Start : 29-Oct-98 04:54:50 pm End : 29-Oct-98 05:04:02 pm
SAMSUNG/A3LSCH8000/001;1880MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98103002_ZOOM.VLT
Start : 30-Oct-98 08:58:35 am End : 30-Oct-98 09:09:01 am

Radio Type : SAMSUNG
Model Number : A3LSCH8000
Serial Number : 001
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
CHAN 0025 CDMA MODE
PCS PHONE
PCTEST ENGINEERING LABORATORY

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

Diode Coefficients:

Channel 1	An=-52.065	Bn=113.200	Cn=39.840	Dn=0.001	Mn=0.024	Yn=0.000
Channel 2	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000
Channel 3	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000

Max Location : X = 9.000, Y = -4.000, Z = 0.000 (cm) Value = 10.218

Measured Values (volts) =

9.350E-003	7.831E-003	4.806E-003	1.283E-003	2.400E-005	2.452E-004
2.400E-005	6.165E-005	2.400E-005	2.400E-005	2.400E-005	

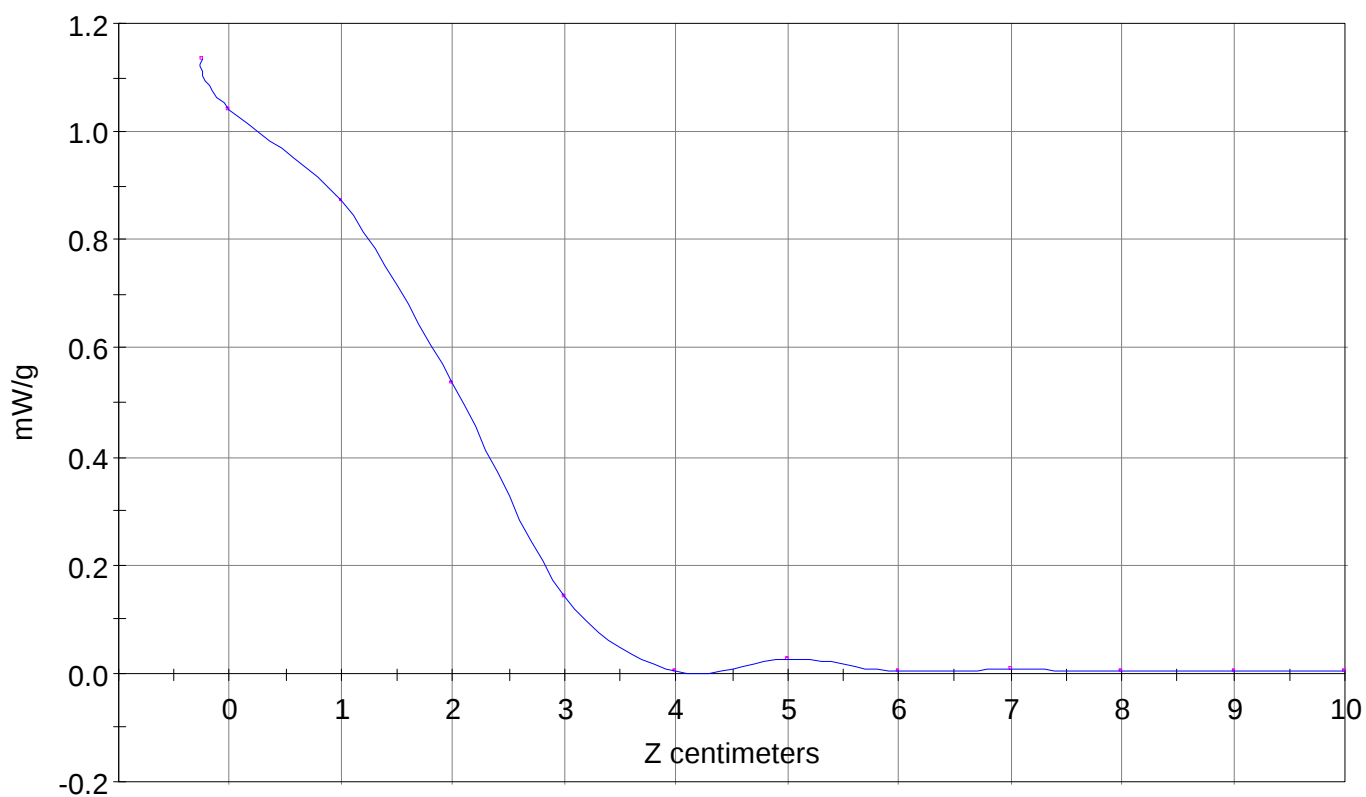
Calc. Voltage @ Surface (Vs) = 0.0102

Voltage @ 1.00 cm (Vt) = 0.0082

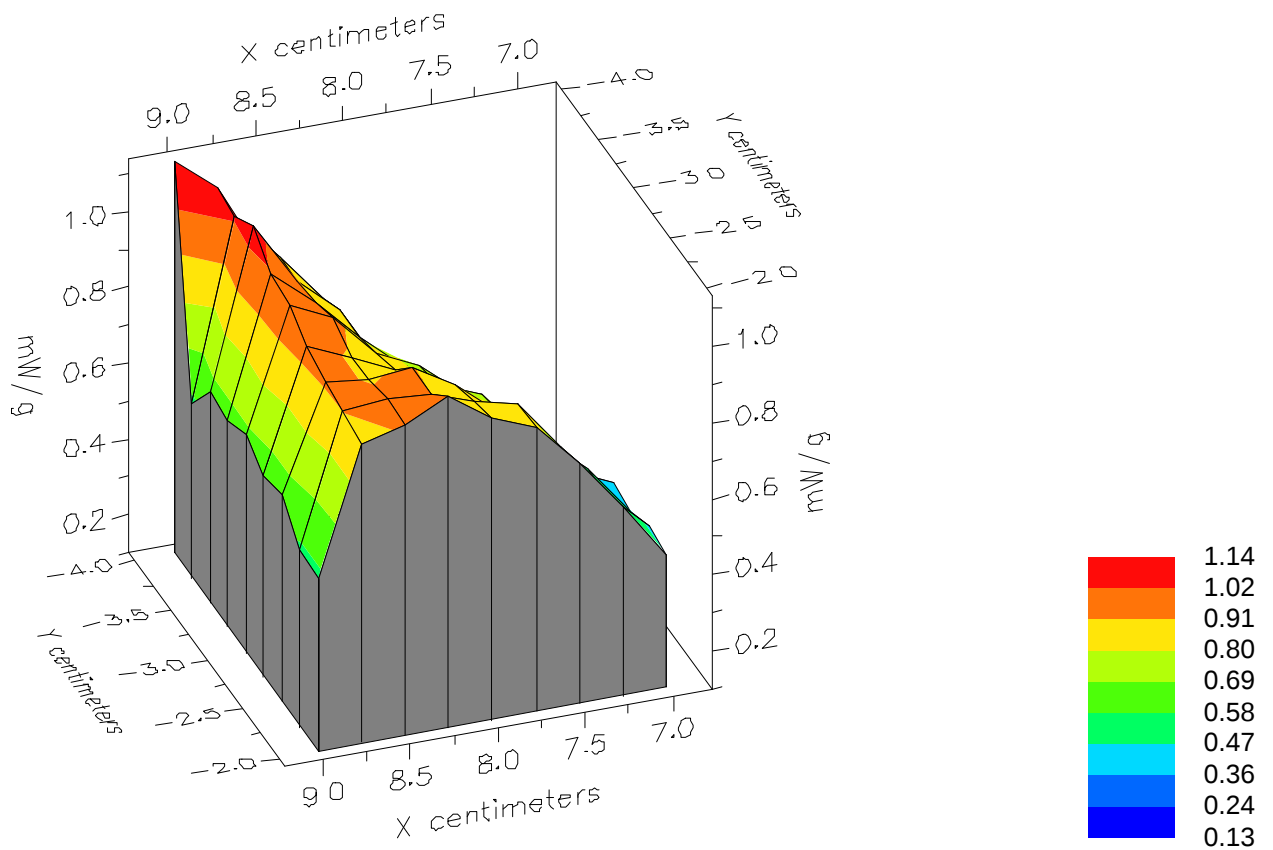
Ave. Voltage (Vs+Vt)/2 = 0.0092

Ave. SAR over 1 g (mW/g) = 1.0224

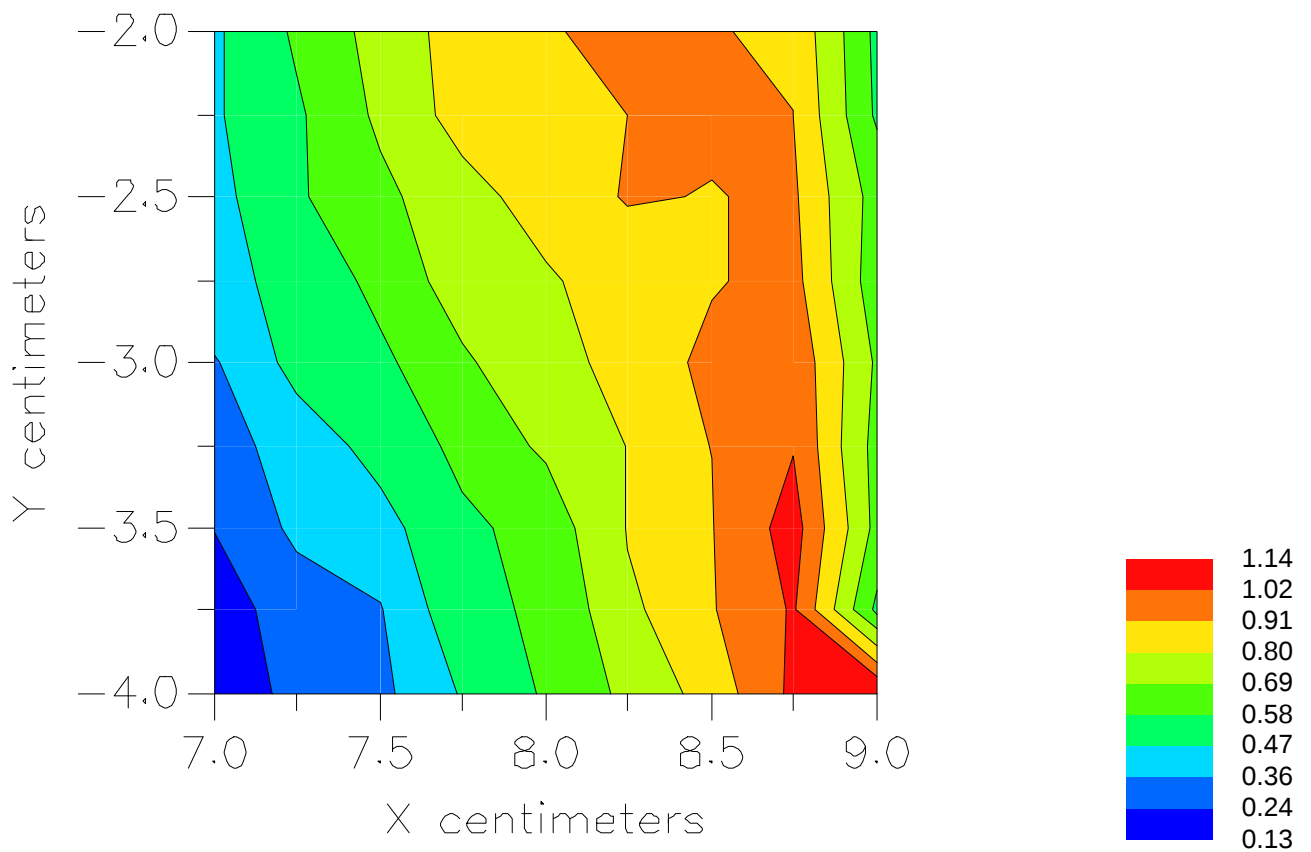
SAR Scan
File : 98103002_ZOOM
Start : 30-Oct-98 08:58:35 am End : 30-Oct-98 09:09:01 am
SAMSUNG/A3LSCH8000/001;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : 98103002_ZOOM
Start : 30-Oct-98 08:58:35 am End : 30-Oct-98 09:09:01 am
SAMSUNG/A3LSCH8000/001;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : 98103002_ZOOM
Start : 30-Oct-98 08:58:35 am End : 30-Oct-98 09:09:01 am
SAMSUNG/A3LSCH8000/001;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98103003_ZOOM.VLT
Start : 30-Oct-98 09:10:46 am End : 30-Oct-98 09:14:01 am

Radio Type : SAMSUNG
Model Number : A3LSCH8000
Serial Number : 001
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 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 = 42.900
Mixture Conductivity = 1.650

Comment :
CHAN 1175 CDMA MODE
PCS PHONE
PCTEST ENGINEERING LABORATORY

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

Diode Coefficients:

Channel 1	An=-52.065	Bn=113.200	Cn=39.840	Dn=0.001	Mn=0.024	Yn=0.000
Channel 2	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000
Channel 3	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000

Max Location : X = 9.000, Y = -3.000, Z = 0.000 (cm) Value = 9.549

Measured Values (volts) =

9.013E-003	7.273E-003	3.452E-003	1.057E-003	2.014E-004	2.400E-005
8.573E-005	2.400E-005	2.400E-005	2.400E-005	2.400E-005	

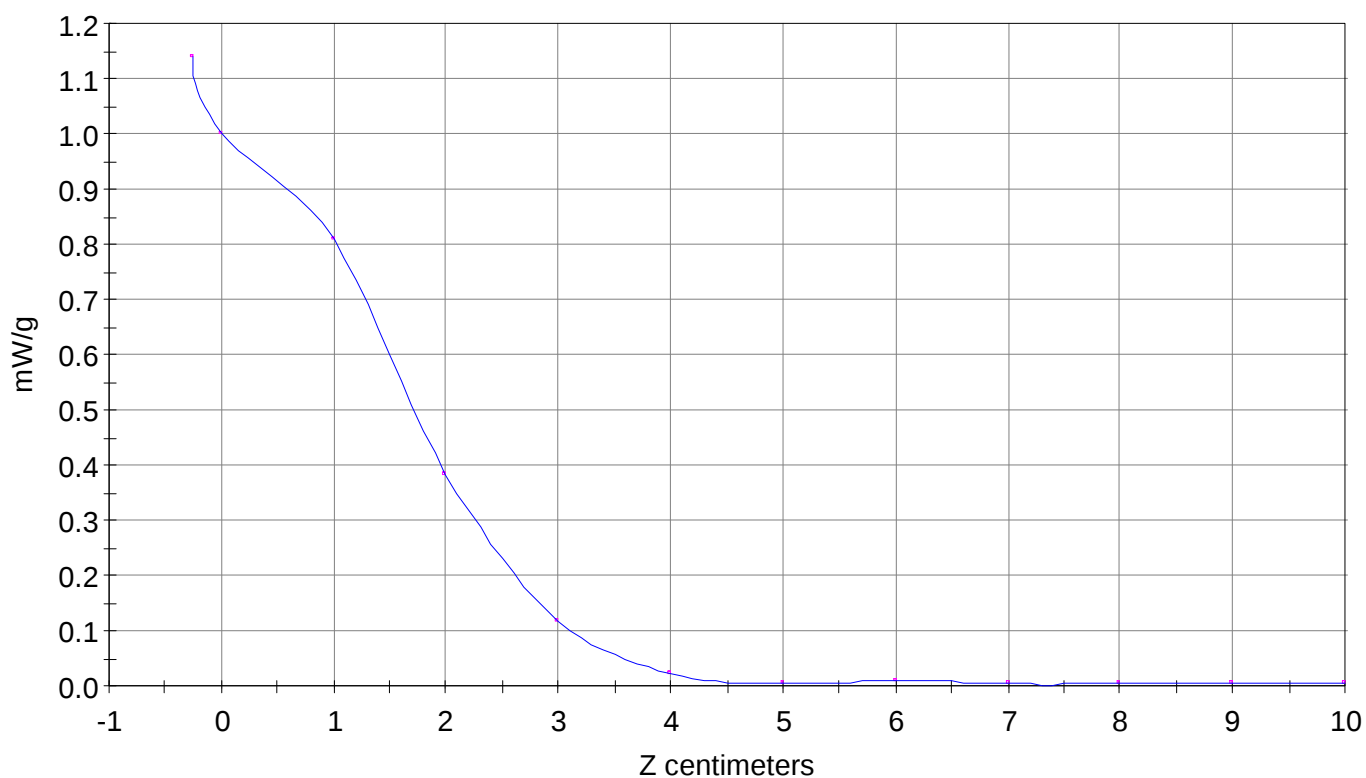
Calc. Voltage @ Surface (Vs) = 0.0103

Voltage @ 1.00 cm (Vt) = 0.0077

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

Ave. SAR over 1 g (mW/g) = 0.9977

SAR Scan
File : 98103003_ZOOM
Start : 30-Oct-98 09:10:46 am End : 30-Oct-98 09:14:01 am
SAMSUNG/A3LSCH8000/001;1908.75MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/42.900/1.650



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98103005_SAR.VLT
Start : 30-Oct-98 09:38:07 am End : 30-Oct-98 09:44:01 am

Radio Type : SAMSUNG
Model Number : A3LSCH8000
Serial Number : 001
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Left Ear
Scan Type : ZOOM/SAR 10g
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
CHAN 1175 CDMA MODE HAND SAR
PCS PHONE
PCTEST ENGINEERING LABORATORY

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

Diode Coefficients:

Channel 1	An=-52.065	Bn=113.200	Cn=39.800	Dn=0.000	Mn=0.024	Yn=0.000
Channel 2	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000
Channel 3	An=0.000	Bn=0.000	Cn=0.000	Dn=0.000	Mn=0.000	Yn=0.000

Max Location : X = 1.500, Y = -1.250, Z = 0.000 (cm) Value = 16.900

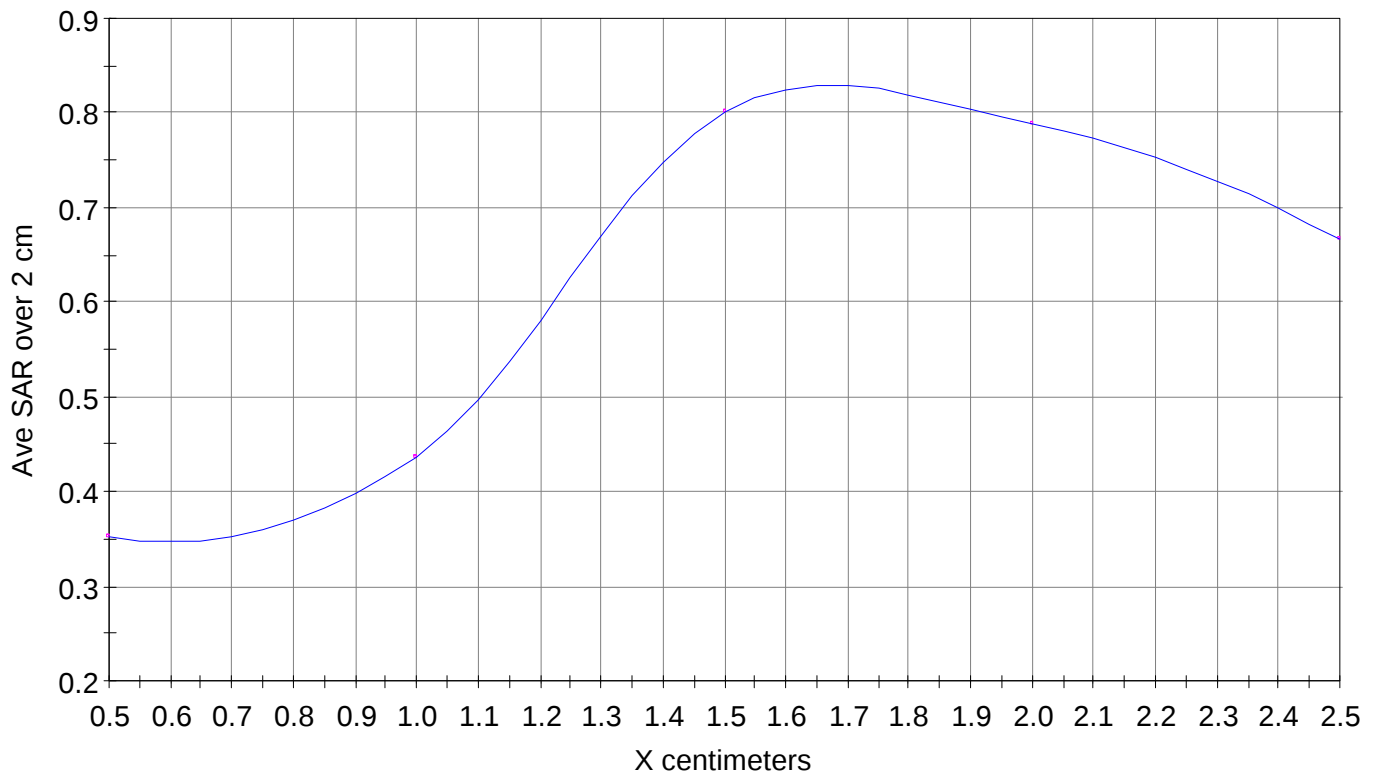
Ave. SAR over 10 g (mW/g) = 0.8006

X-Z Plane Slice Y=-1.250

File : 98103005_SAR

Start : 30-Oct-98 09:38:07 am End : 30-Oct-98 09:44:01 am

SAMSUNG/A3LSCH8000/001;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

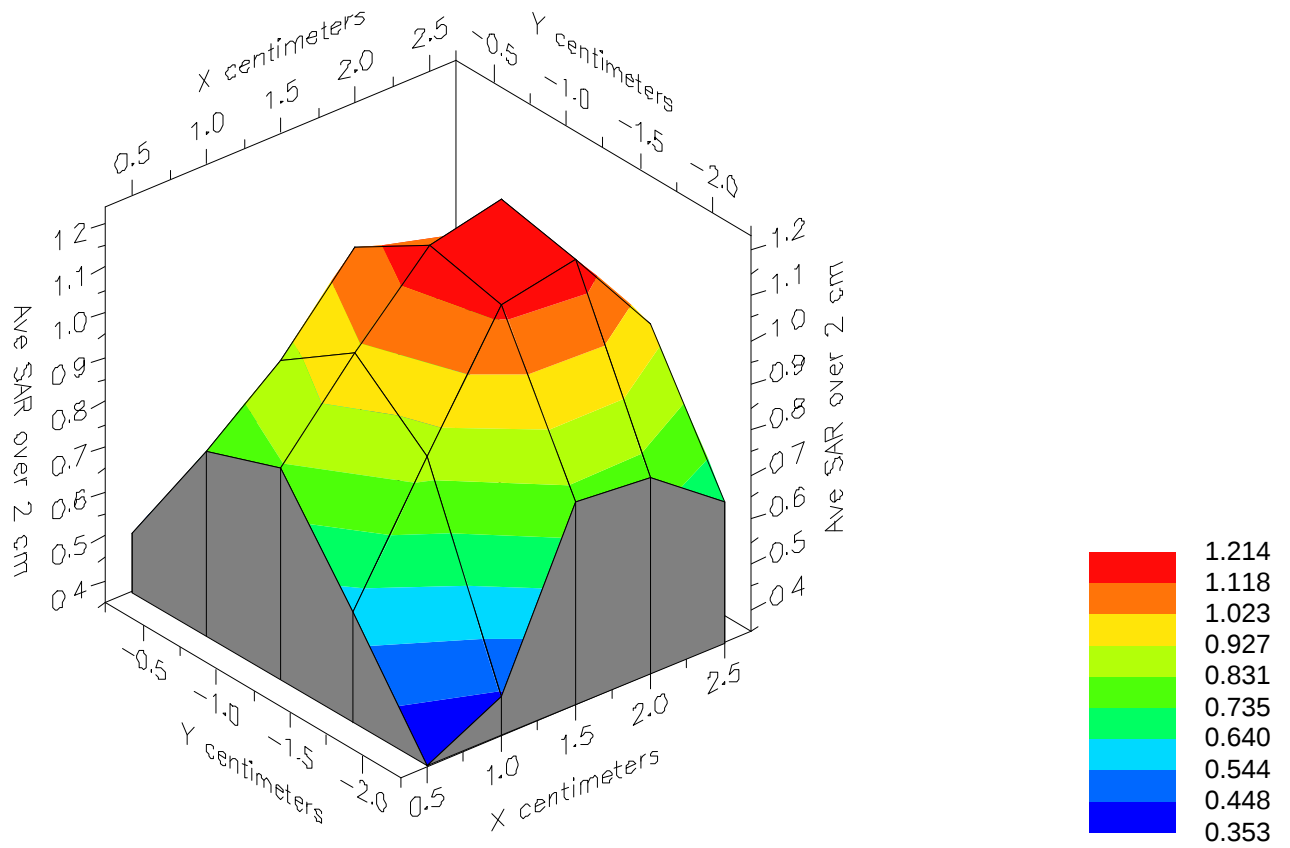


File : 98103005_SAR

Start : 30-Oct-98 09:38:07 am End : 30-Oct-98 09:44:01 am

SAMSUNG/A3LSCH8000/001;1851.25MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850



File : 98103005_SAR

Start : 30-Oct-98 09:38:07 am End : 30-Oct-98 09:44:01 am

SAMSUNG/A3LSCH8000/001;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/54.200/1.850

