

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120412_ZOOM.VLT
Start : 4-Dec-98 02:33:13 pm End : 4-Dec-98 02:40:34 pm

Radio Type : SAMSUNG
Model Number : A3LSCH510
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
CHAN 991 FM DUAL MODE PHONE
PCTEST

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 = 6.750, Y = -2.250, Z = 0.000 (cm) Value = 13.663

Measured Values (volts) =
1.348E-002 1.114E-002 9.365E-003 8.222E-003 7.310E-003 6.400E-003
5.452E-003 4.703E-003 3.786E-003 3.015E-003 2.438E-003 2.072E-003
1.855E-003 1.849E-003 1.982E-003 2.092E-003 2.136E-003 2.007E-003
1.738E-003 1.261E-003 7.547E-004

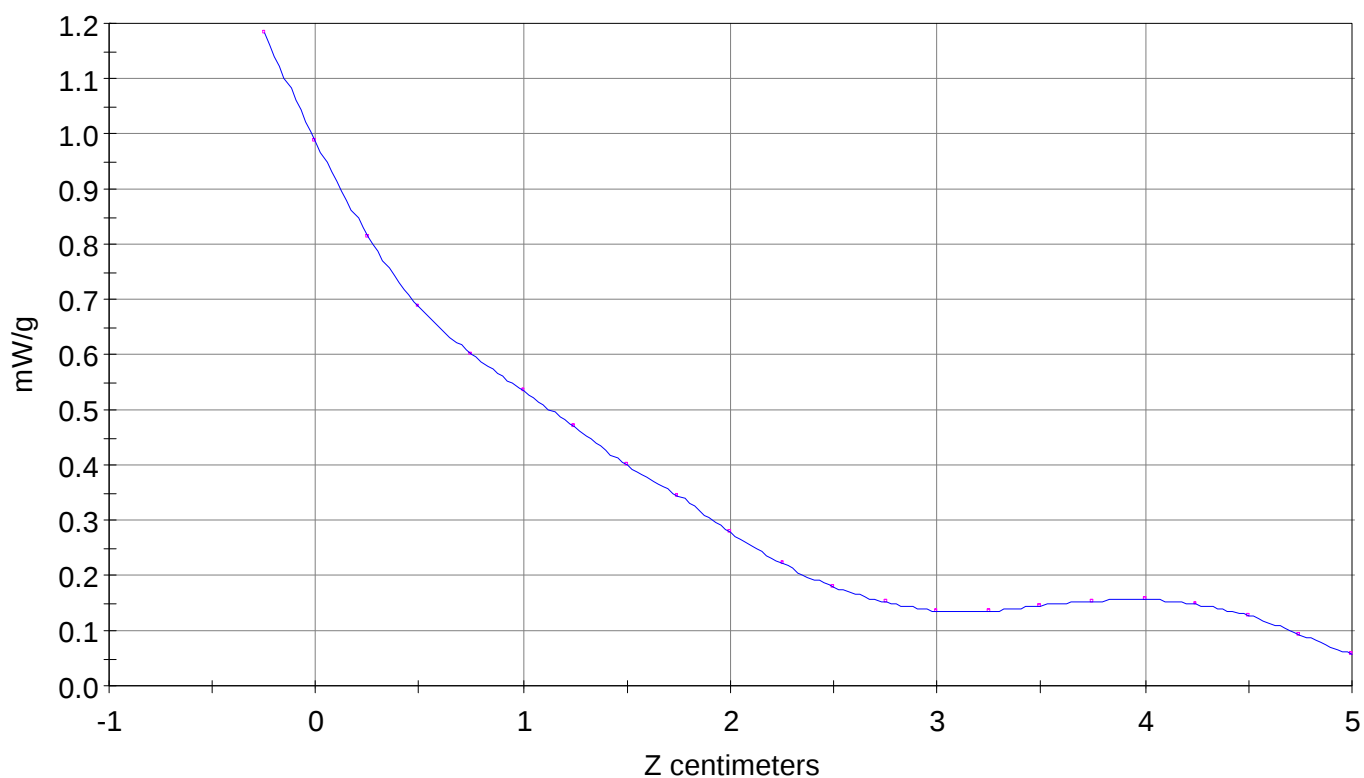
Calc. Voltage @ Surface (Vs) = 0.0162

Voltage @ 1.00 cm (Vt) = 0.0082

Ave. Voltage (Vs+Vt)/2 = 0.0122

Ave. SAR over 1 g (mW/g) = 0.8915

SAR Scan
File : 98120412_ZOOM
Start : 4-Dec-98 02:33:13 pm End : 4-Dec-98 02:40:34 pm
SAMSUNG/A3LSCH510/001;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120413_ZOOM.VLT
Start : 4-Dec-98 02:49:16 pm End : 4-Dec-98 02:56:37 pm

Radio Type : SAMSUNG
Model Number : A3LSCH510
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
CHAN 991 FM DUAL MODE PHONE
PCTEST

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 = 7.000, Y = -2.250, Z = 0.000 (cm) Value = 16.407

Measured Values (volts) =
1.602E-002 1.361E-002 1.141E-002 9.887E-003 8.773E-003 7.716E-003
6.615E-003 5.566E-003 4.630E-003 3.791E-003 3.063E-003 2.579E-003
2.366E-003 2.292E-003 2.380E-003 2.516E-003 2.498E-003 2.309E-003
1.887E-003 1.365E-003 8.186E-004

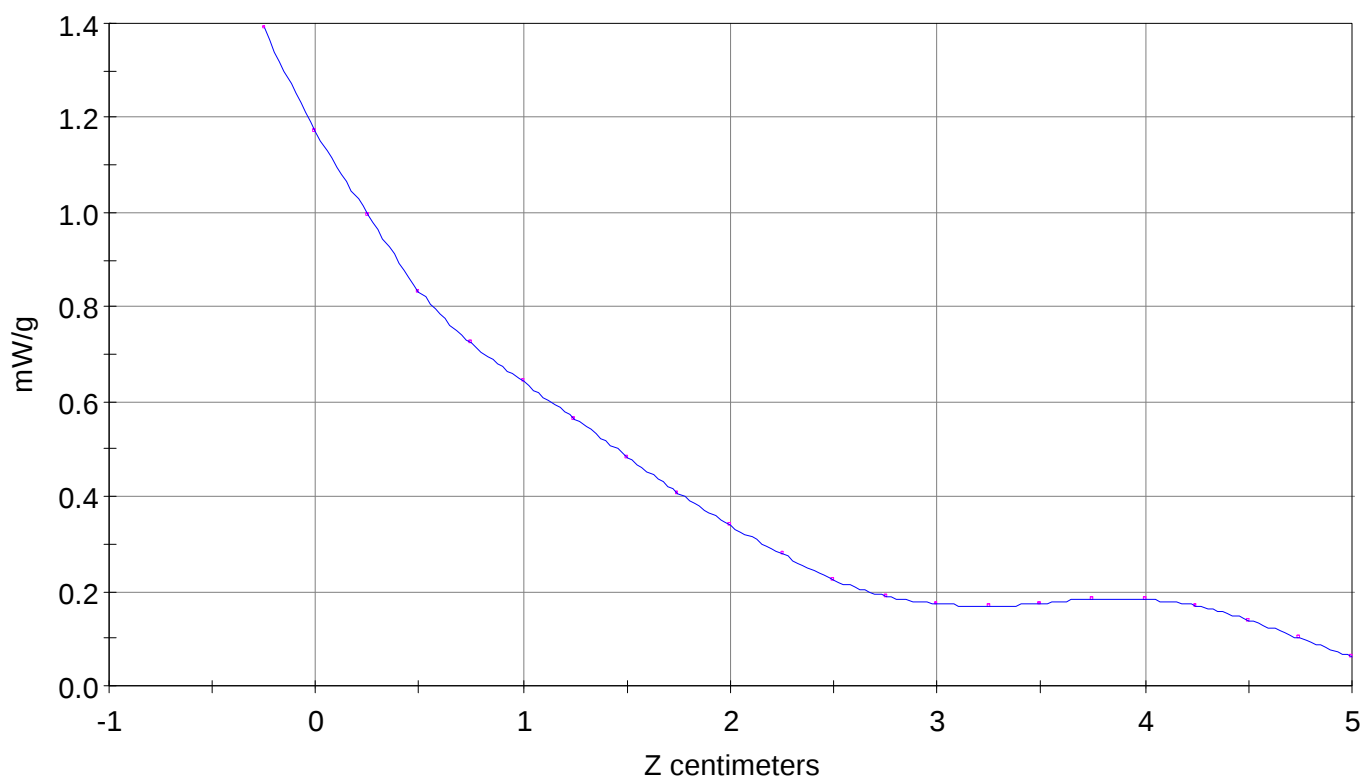
Calc. Voltage @ Surface (Vs) = 0.0190

Voltage @ 1.00 cm (Vt) = 0.0099

Ave. Voltage (Vs+Vt)/2 = 0.0144

Ave. SAR over 1 g (mW/g) = 1.0557

SAR Scan
File : 98120413_ZOOM
Start : 4-Dec-98 02:49:16 pm End : 4-Dec-98 02:56:37 pm
SAMSUNG/A3LSCH510/001;824.04MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120410_ZOOM.VLT
Start : 4-Dec-98 01:57:27 pm End : 4-Dec-98 02:06:55 pm

Radio Type : SAMSUNG
Model Number : A3LSCH510
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
CHAN 383 FM DUAL MODE PHONE
PCTEST

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 = 6.750, Y = -2.250, Z = 0.000 (cm) Value = 15.203

Measured Values (volts) =
1.481E-002 1.220E-002 1.020E-002 8.835E-003 7.918E-003 6.927E-003
5.907E-003 5.099E-003 4.103E-003 3.249E-003 2.634E-003 2.177E-003
1.979E-003 1.991E-003 2.107E-003 2.272E-003 2.305E-003 2.165E-003
1.874E-003 1.347E-003 8.332E-004

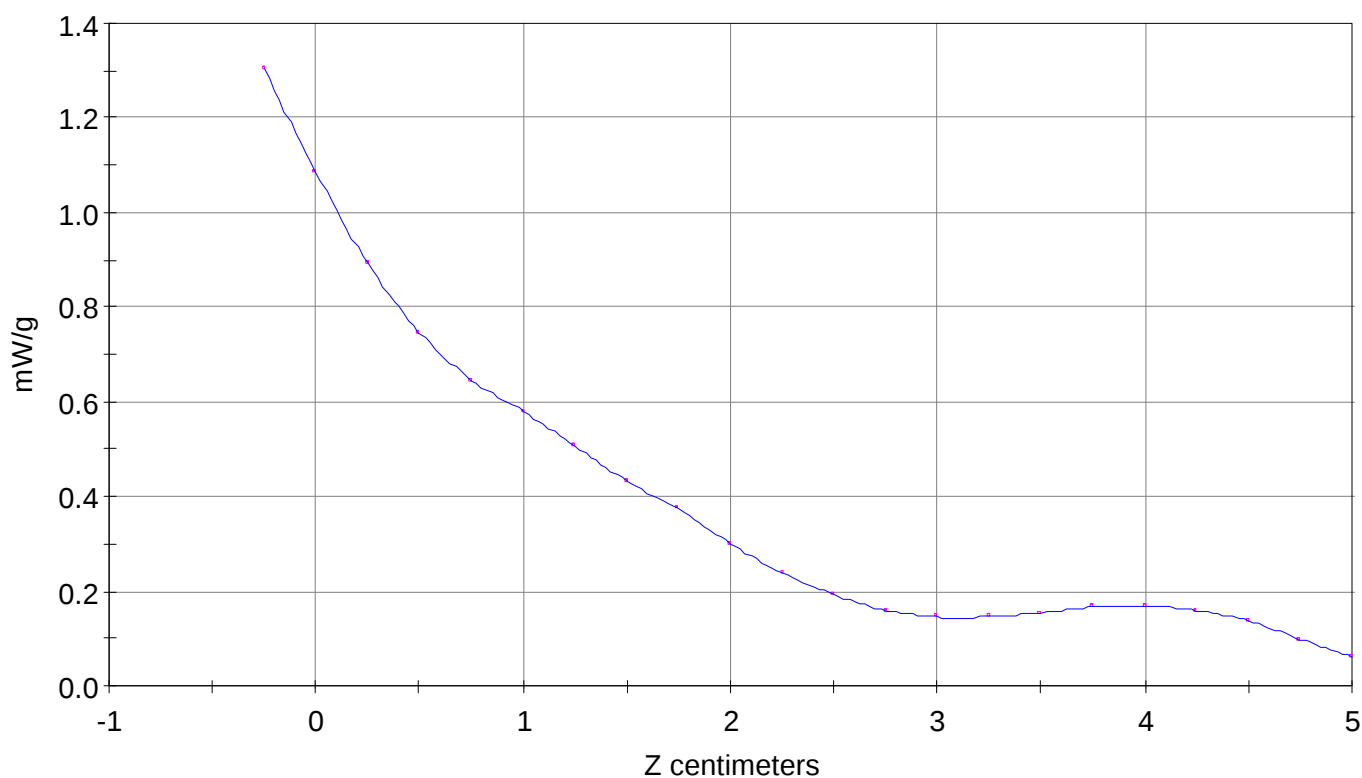
Calc. Voltage @ Surface (Vs) = 0.0178

Voltage @ 1.00 cm (Vt) = 0.0088

Ave. Voltage (Vs+Vt)/2 = 0.0133

Ave. SAR over 1 g (mW/g) = 0.9756

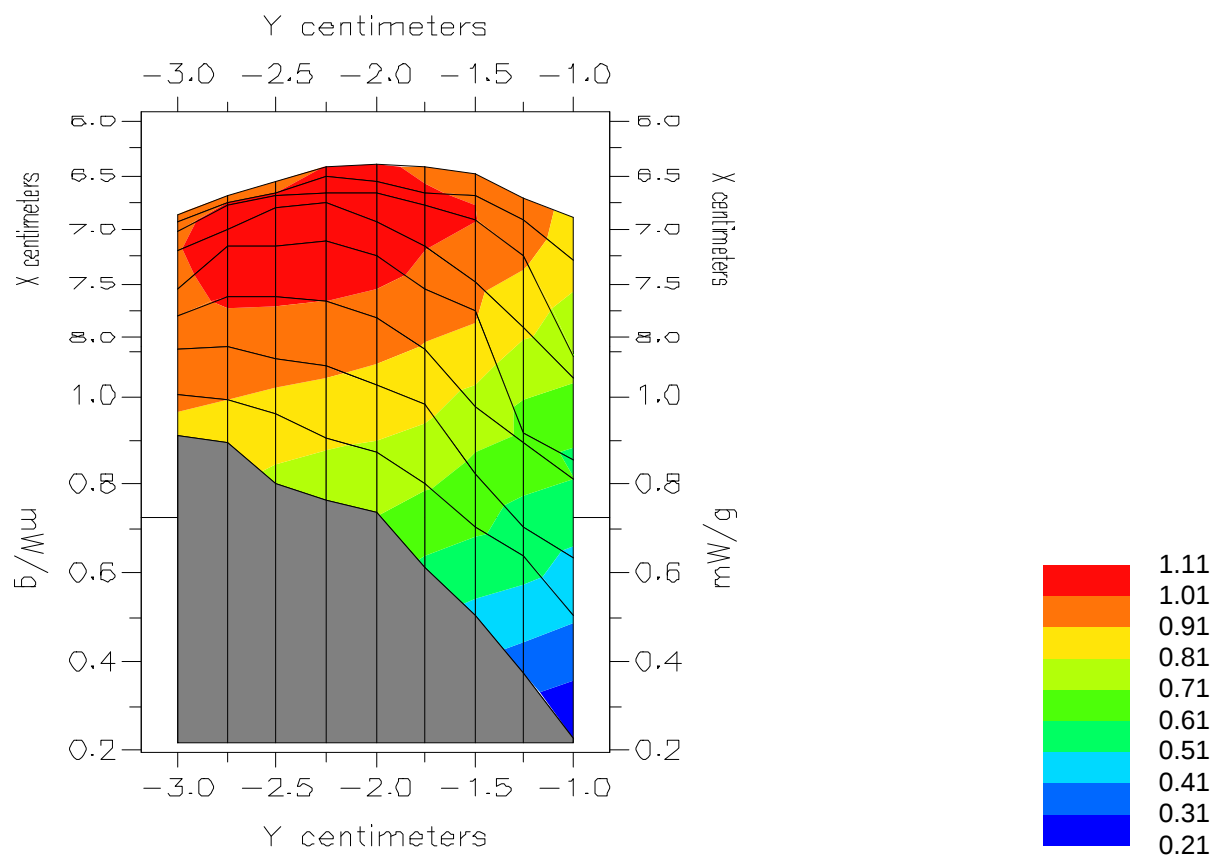
SAR Scan
File : 98120410_ZOOM
Start : 4-Dec-98 01:57:27 pm End : 4-Dec-98 02:06:55 pm
SAMSUNG/A3LSCH510/001;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 98120410_ZOOM
Start : 4-Dec-98 01:57:27 pm End : 4-Dec-98 02:06:55 pm
SAMSUNG/A3LSCH510/001;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

SAMSUNG/A3LSCH510/001;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

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

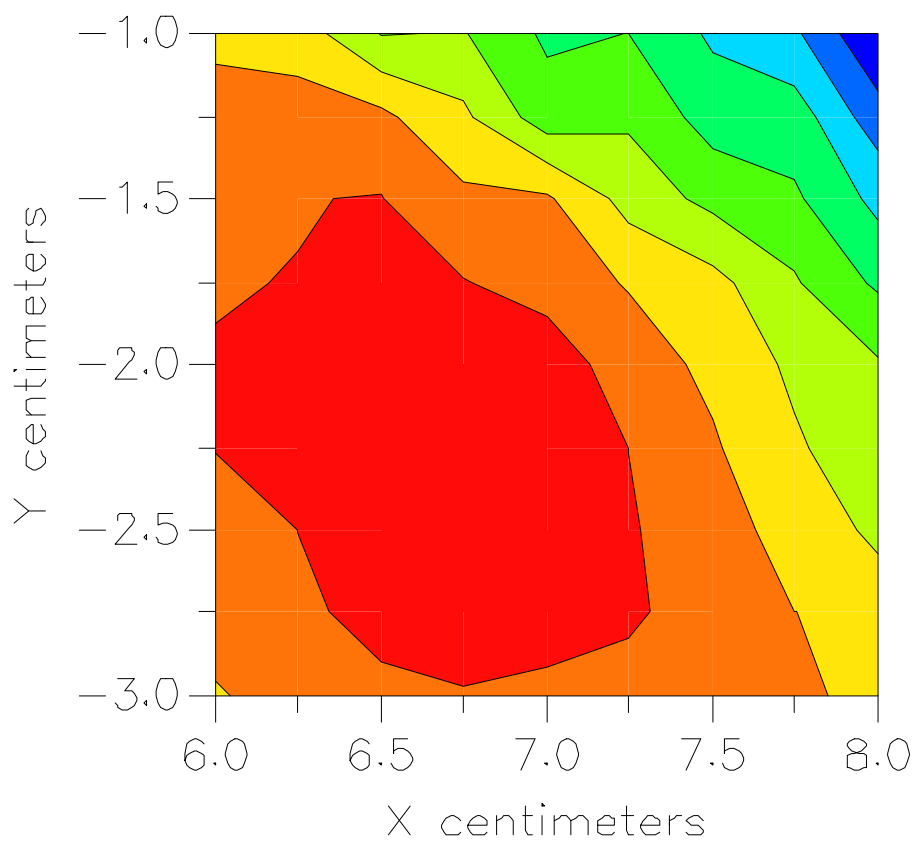


File : 98120410_ZOOM

Start : 4-Dec-98 01:57:27 pm End : 4-Dec-98 02:06:55 pm

SAMSUNG/A3LSCH510/001;836.49MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120411_ZOOM.VLT
Start : 4-Dec-98 02:16:45 pm End : 4-Dec-98 02:24:06 pm

Radio Type : SAMSUNG
Model Number : A3LSCH510
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
CHAN 383 FM DUAL MODE PHONE
PCTEST

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 = 6.750, Y = -2.250, Z = 0.000 (cm) Value = 16.980

Measured Values (volts) =
1.692E-002 1.394E-002 1.176E-002 1.018E-002 9.088E-003 8.018E-003
6.937E-003 5.798E-003 4.812E-003 3.899E-003 3.067E-003 2.622E-003
2.415E-003 2.443E-003 2.522E-003 2.669E-003 2.723E-003 2.545E-003
2.175E-003 1.602E-003 9.611E-004

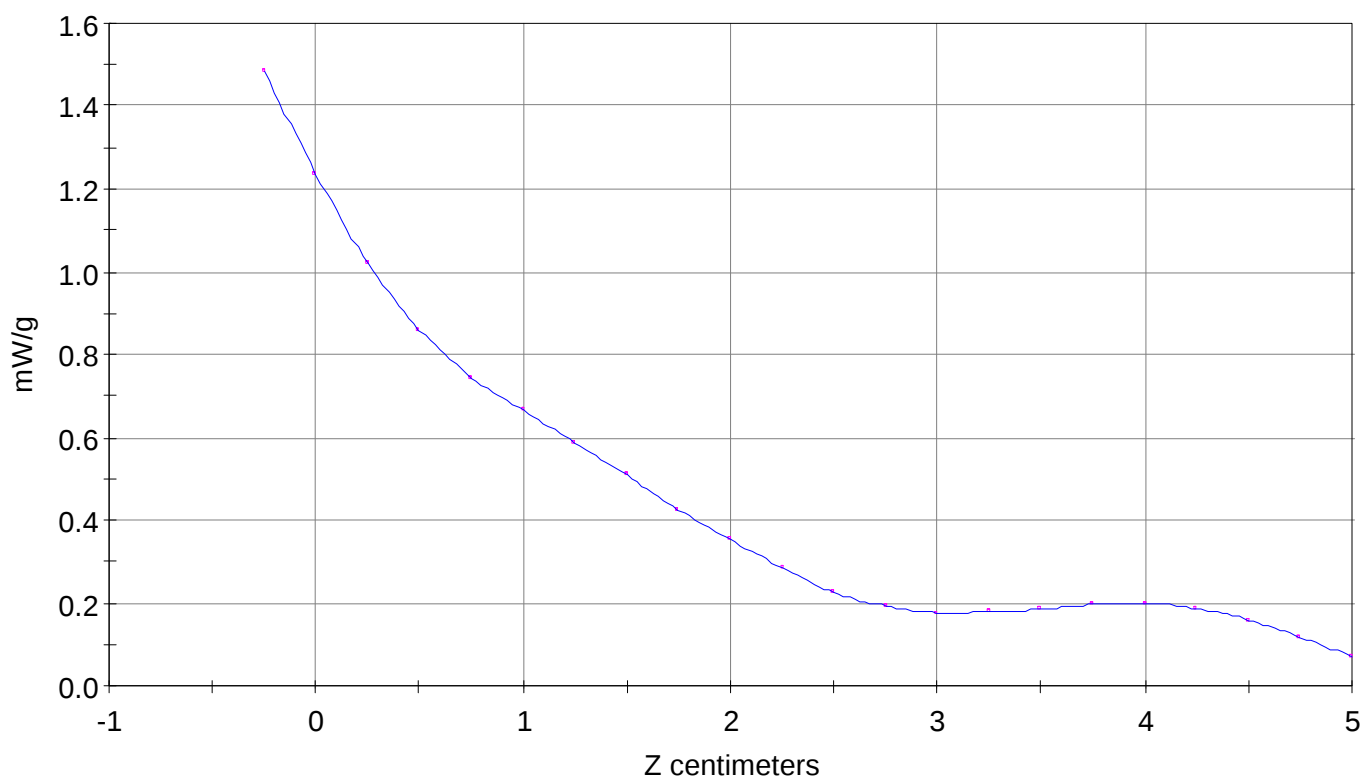
Calc. Voltage @ Surface (Vs) = 0.0203

Voltage @ 1.00 cm (Vt) = 0.0102

Ave. Voltage (Vs+Vt)/2 = 0.0152

Ave. SAR over 1 g (mW/g) = 1.1147

SAR Scan
File : 98120411_ZOOM
Start : 4-Dec-98 02:16:45 pm End : 4-Dec-98 02:24:06 pm
SAMSUNG/A3LSCH510/001;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120501_ZOOM.VLT
Start : 5-Dec-98 08:52:00 am End : 5-Dec-98 09:05:06 am

Radio Type : SAMSUNG
Model Number : A3LSCH510
Serial Number : 001
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
SAMSUNG DUAL MODE PHONE
CHAN 799

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 = 7.000, Y = -3.000, Z = 0.000 (cm) Value = 10.320

Measured Values (volts) =

1.006E-002	8.720E-003	7.408E-003	6.482E-003	5.664E-003	4.877E-003
4.088E-003	3.341E-003	2.643E-003	2.107E-003	1.709E-003	1.509E-003
1.503E-003	1.573E-003	1.712E-003	1.753E-003	1.714E-003	1.507E-003
1.131E-003	6.731E-004	4.301E-004			

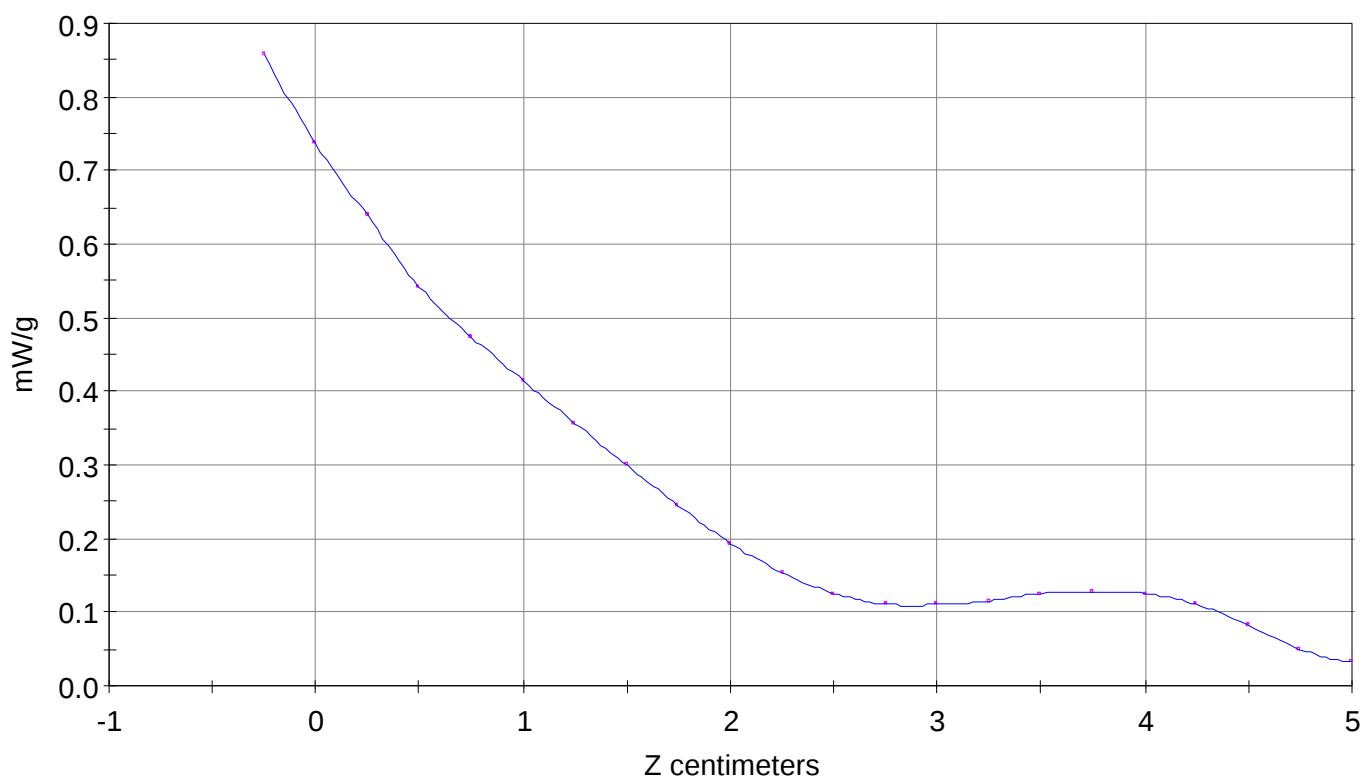
Calc. Voltage @ Surface (Vs) = 0.0117

Voltage @ 1.00 cm (Vt) = 0.0065

Ave. Voltage (Vs+Vt)/2 = 0.0091

Ave. SAR over 1 g (mW/g) = 0.6660

SAR Scan
File : 98120501_ZOOM
Start : 5-Dec-98 08:52:00 am End : 5-Dec-98 09:05:06 am
SAMSUNG/A3LSCH510/001;848.97MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120508_ZOOM.VLT
Start : 5-Dec-98 10:14:35 am End : 5-Dec-98 10:25:18 am

Radio Type : SAMSUNG
Model Number : A3LSCH510
Serial Number : 001
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.600 W
Start Trans. Pwr: 0.600 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 :
SAMSUNG DUAL MODE PHONE
CHAN 799 FM MODE

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 = 6.250, Y = -1.250, Z = 0.000 (cm) Value = 11.797

Measured Values (volts) =
1.185E-002 1.026E-002 8.757E-003 7.653E-003 6.696E-003 5.895E-003
5.087E-003 4.364E-003 3.688E-003 2.999E-003 2.485E-003 2.123E-003
1.863E-003 1.761E-003 1.780E-003 1.812E-003 1.816E-003 1.738E-003
1.550E-003 1.301E-003 1.028E-003

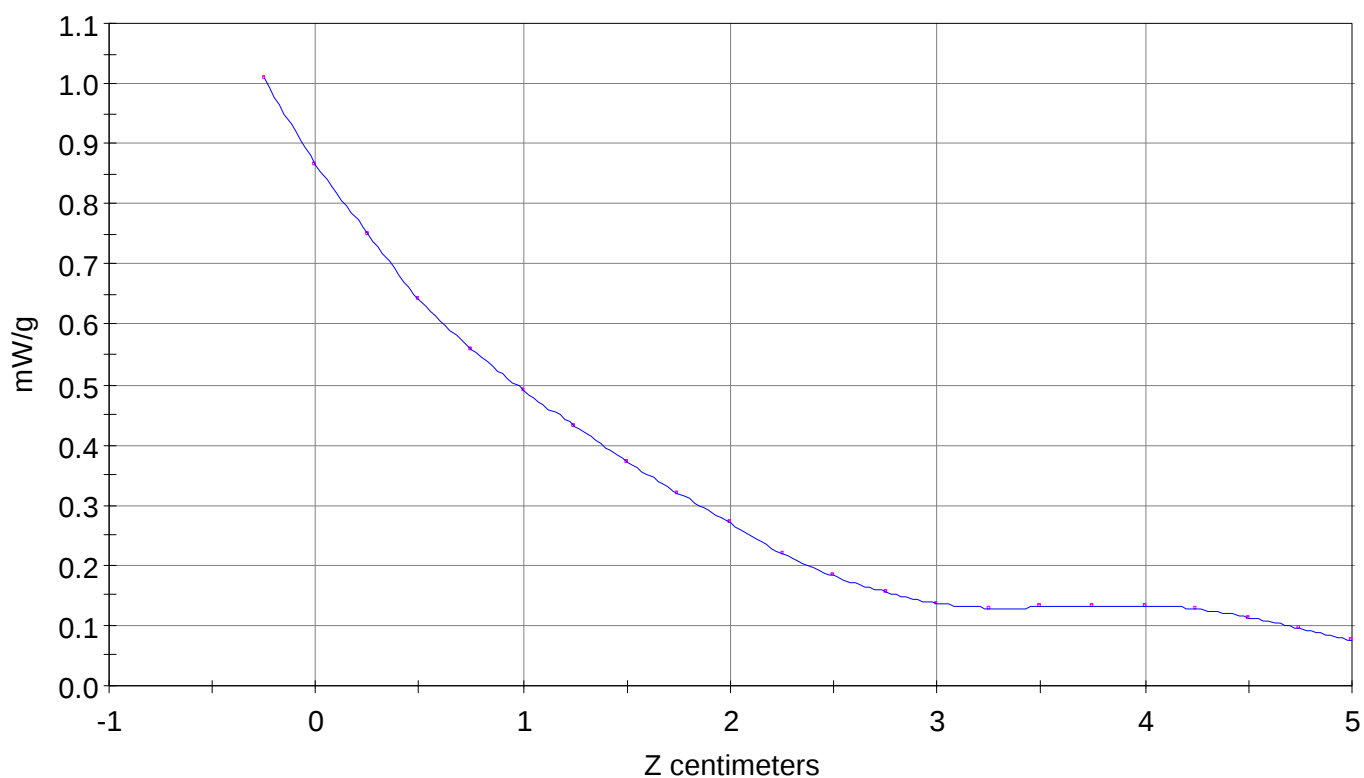
Calc. Voltage @ Surface (Vs) = 0.0138

Voltage @ 1.00 cm (Vt) = 0.0077

Ave. Voltage (Vs+Vt)/2 = 0.0107

Ave. SAR over 1 g (mW/g) = 0.7835

SAR Scan
File : 98120508_ZOOM
Start : 5-Dec-98 10:14:35 am End : 5-Dec-98 10:25:18 am
SAMSUNG/A3LSCH510/001;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120504_ZOOM.VLT
Start : 5-Dec-98 09:23:39 am End : 5-Dec-98 09:33:28 am

Radio Type : SAMSUNG
Model Number : A3LSCH510
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
SAMSUNG DUAL MODE PHONE
CHAN 383 CDMA MODE

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 = 7.000, Y = -3.000, Z = 0.000 (cm) Value = 9.306

Measured Values (volts) =
9.262E-003 7.907E-003 6.827E-003 5.976E-003 5.332E-003 4.531E-003
3.818E-003 3.255E-003 2.568E-003 2.126E-003 1.832E-003 1.700E-003
1.694E-003 1.803E-003 1.938E-003 2.010E-003 1.920E-003 1.672E-003
1.356E-003 9.329E-004 6.631E-004

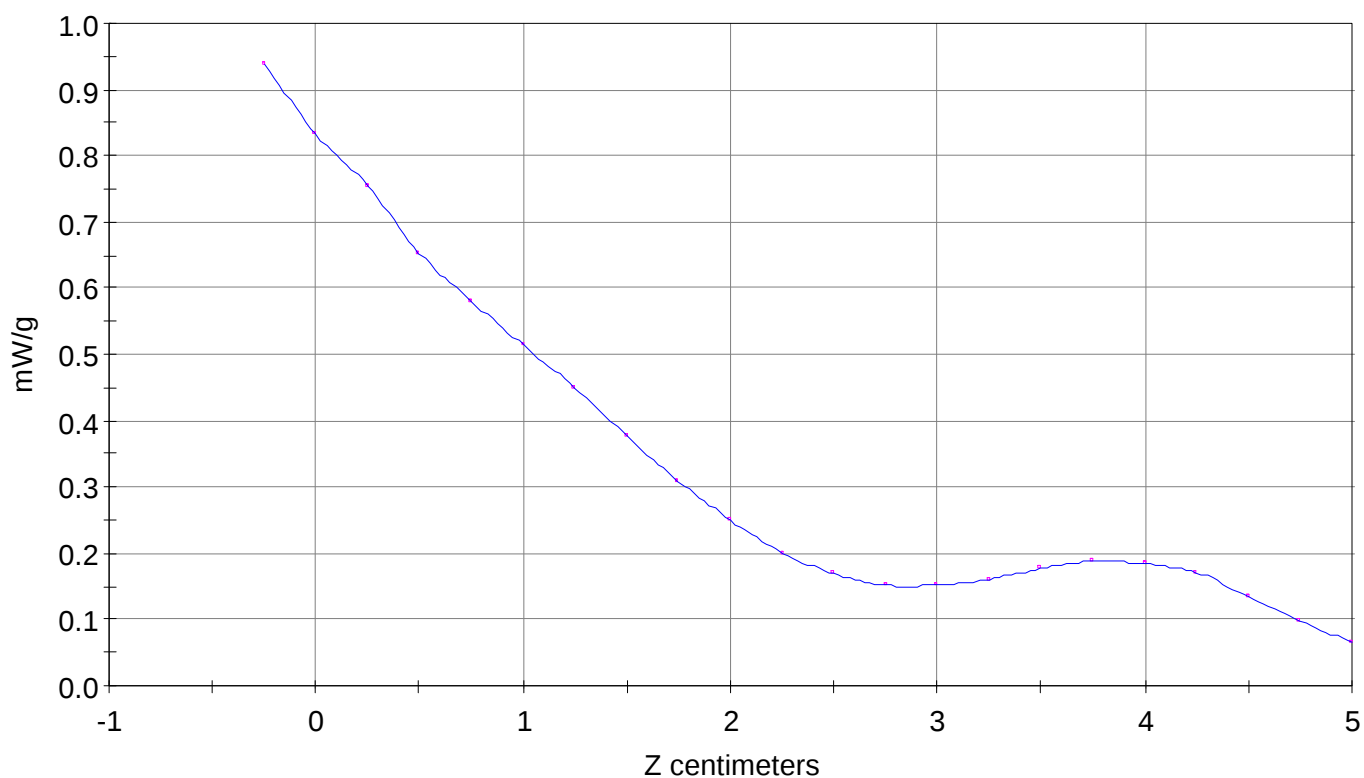
Calc. Voltage @ Surface (Vs) = 0.0108

Voltage @ 1.00 cm (Vt) = 0.0060

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

Ave. SAR over 1 g (mW/g) = 0.6131

SAR Scan
File : 98120503_ZOOM
Start : 5-Dec-98 09:13:42 am End : 5-Dec-98 09:22:33 am
SAMSUNG/A3LSCH510/001;836.49MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/98120504_ZOOM.VLT
Start : 5-Dec-98 09:23:39 am End : 5-Dec-98 09:33:28 am

Radio Type : SAMSUNG
Model Number : A3LSCH510
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
SAMSUNG DUAL MODE PHONE
CHAN 383 CDMA MODE

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 = 7.000, Y = -3.000, Z = 0.000 (cm) Value = 9.306

Measured Values (volts) =
9.262E-003 7.907E-003 6.827E-003 5.976E-003 5.332E-003 4.531E-003
3.818E-003 3.255E-003 2.568E-003 2.126E-003 1.832E-003 1.700E-003
1.694E-003 1.803E-003 1.938E-003 2.010E-003 1.920E-003 1.672E-003
1.356E-003 9.329E-004 6.631E-004

Calc. Voltage @ Surface (Vs) = 0.0108

Voltage @ 1.00 cm (Vt) = 0.0060

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

Ave. SAR over 1 g (mW/g) = 0.6131

SAR Scan
File : 98120504_ZOOM
Start : 5-Dec-98 09:23:39 am End : 5-Dec-98 09:33:28 am
SAMSUNG/A3LSCH510/001;836.49MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

