

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00041106_ZOOM.VLT
Start : 11-Apr-100 11:30:13 am End : 11-Apr-100 11:41:38 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 FM MODE
CHAN 991 SAR 26 dBm CONDUCTED
FCC ID A3LSCHA105

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -2.250, Z = 0.000 (cm) Value = 9.618

Measured Values (volts) =
9.341E-003 6.913E-003 5.740E-003 4.992E-003 4.446E-003 3.995E-003
3.689E-003 3.353E-003 3.082E-003 2.745E-003 2.440E-003 2.102E-003
1.784E-003 1.452E-003 1.198E-003 9.902E-004 8.484E-004 7.873E-004
7.888E-004 8.099E-004 8.789E-004

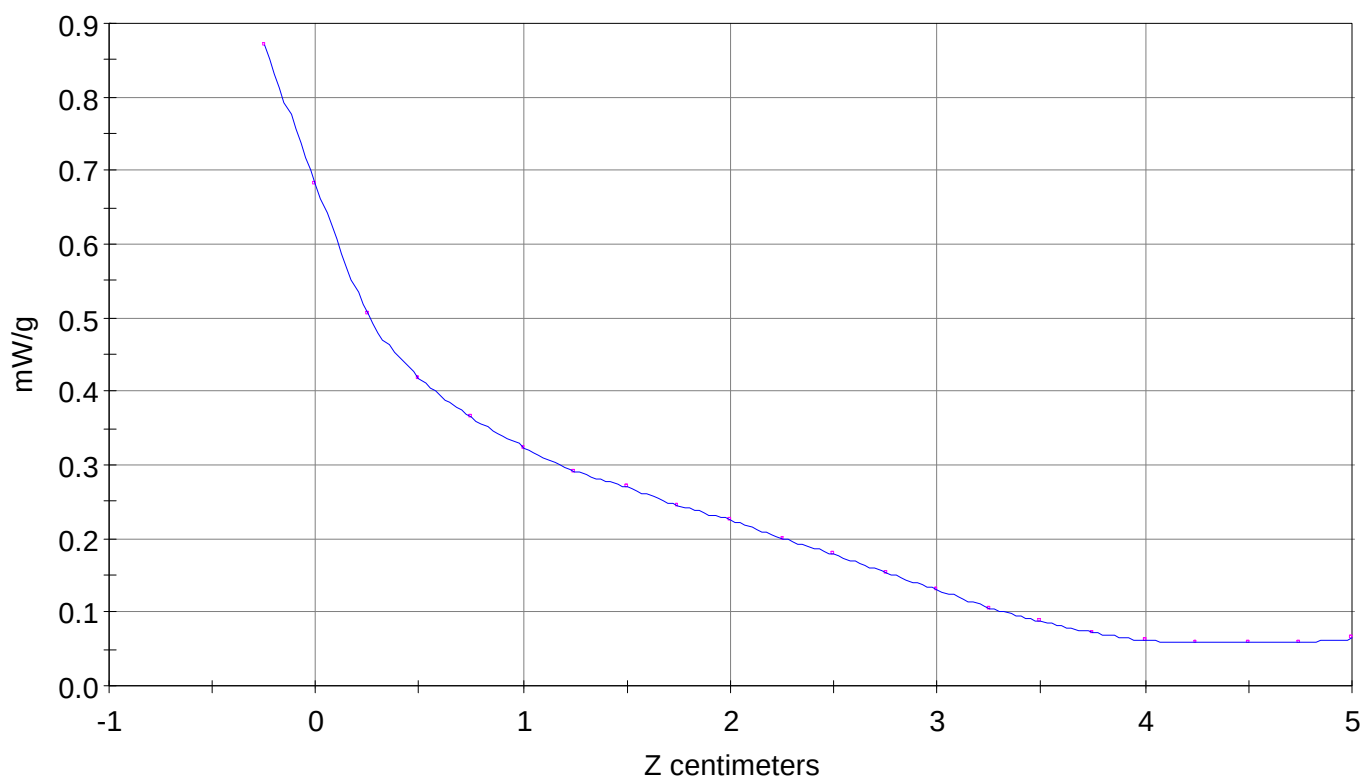
Calc. Voltage @ Surface (Vs) = 0.0119

Voltage @ 1.00 cm (Vt) = 0.0050

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

Ave. SAR over 1 g (mW/g) = 0.6176

SAR Scan
File : 00041106_ZOOM
Start : 11-Apr-100 11:30:13 am End : 11-Apr-100 11:41:38 am
A3LSCHA105/SCH-A105/#02;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/00041104_ZOOM.VLT
Start : 11-Apr-100 10:47:29 am End : 11-Apr-100 10:58:34 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 FM MODE
CHAN 991 SAR 26 dBm CONDUCTED
FCC ID A3LSCHA105

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.250, Y = -2.000, Z = 0.000 (cm) Value = 12.662

Measured Values (volts) =
1.177E-002 8.045E-003 6.623E-003 5.715E-003 5.115E-003 4.622E-003
4.271E-003 3.979E-003 3.611E-003 3.237E-003 2.857E-003 2.506E-003
2.076E-003 1.745E-003 1.400E-003 1.151E-003 9.947E-004 9.202E-004
9.089E-004 1.011E-003 1.088E-003

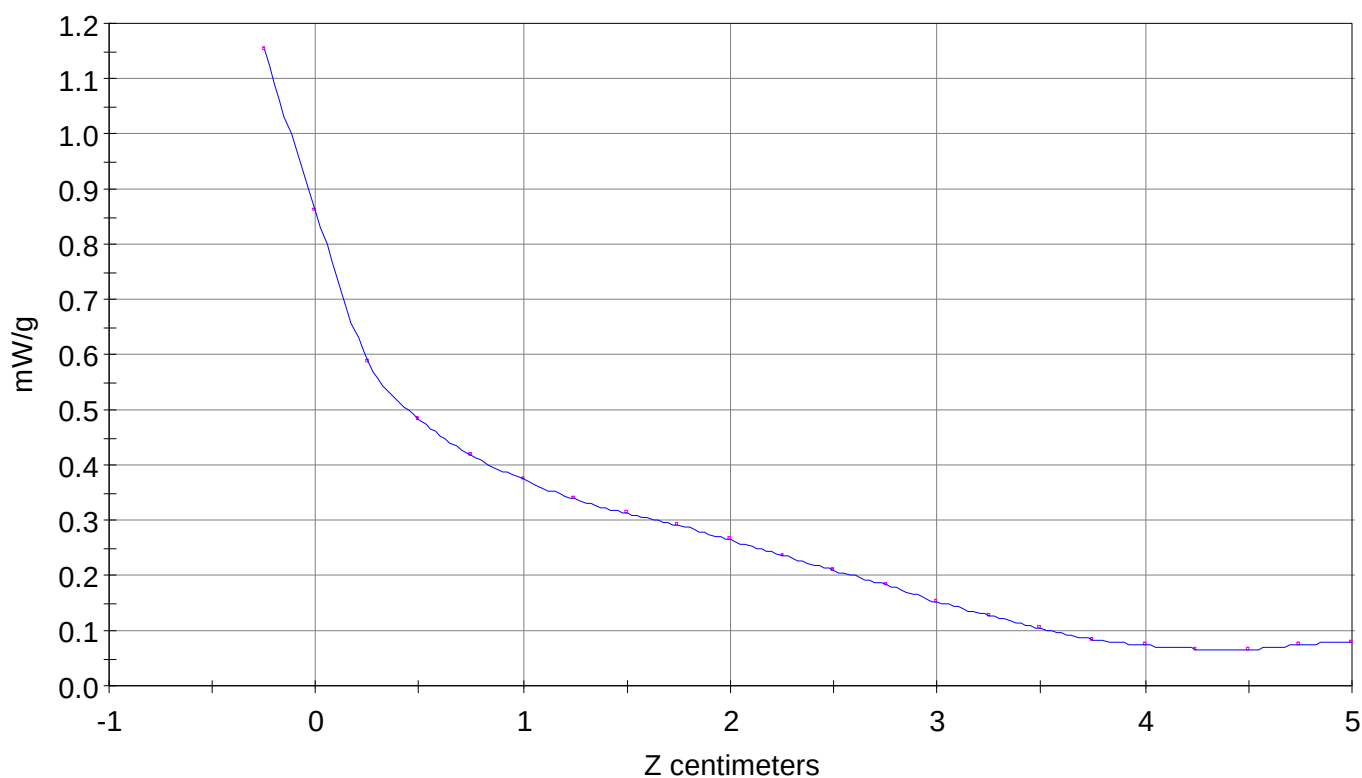
Calc. Voltage @ Surface (Vs) = 0.0158

Voltage @ 1.00 cm (Vt) = 0.0057

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

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

SAR Scan
File : 00041104_ZOOM
Start : 11-Apr-100 10:47:29 am End : 11-Apr-100 10:58:34 am
A3LSCHA105/SCH-A105/#02;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/00041103_ZOOM.VLT
Start : 11-Apr-100 10:23:15 am End : 11-Apr-100 10:34:29 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 FM MODE
CHAN 383 SAR 26 dBm CONDUCTED
FCC ID A3LSCHA105

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -2.250, Z = 0.000 (cm) Value = 14.572

Measured Values (volts) =
1.441E-002 1.054E-002 8.744E-003 7.550E-003 6.678E-003 5.984E-003
5.535E-003 5.014E-003 4.576E-003 4.088E-003 3.630E-003 3.137E-003
2.592E-003 2.121E-003 1.771E-003 1.449E-003 1.246E-003 1.140E-003
1.139E-003 1.194E-003 1.276E-003

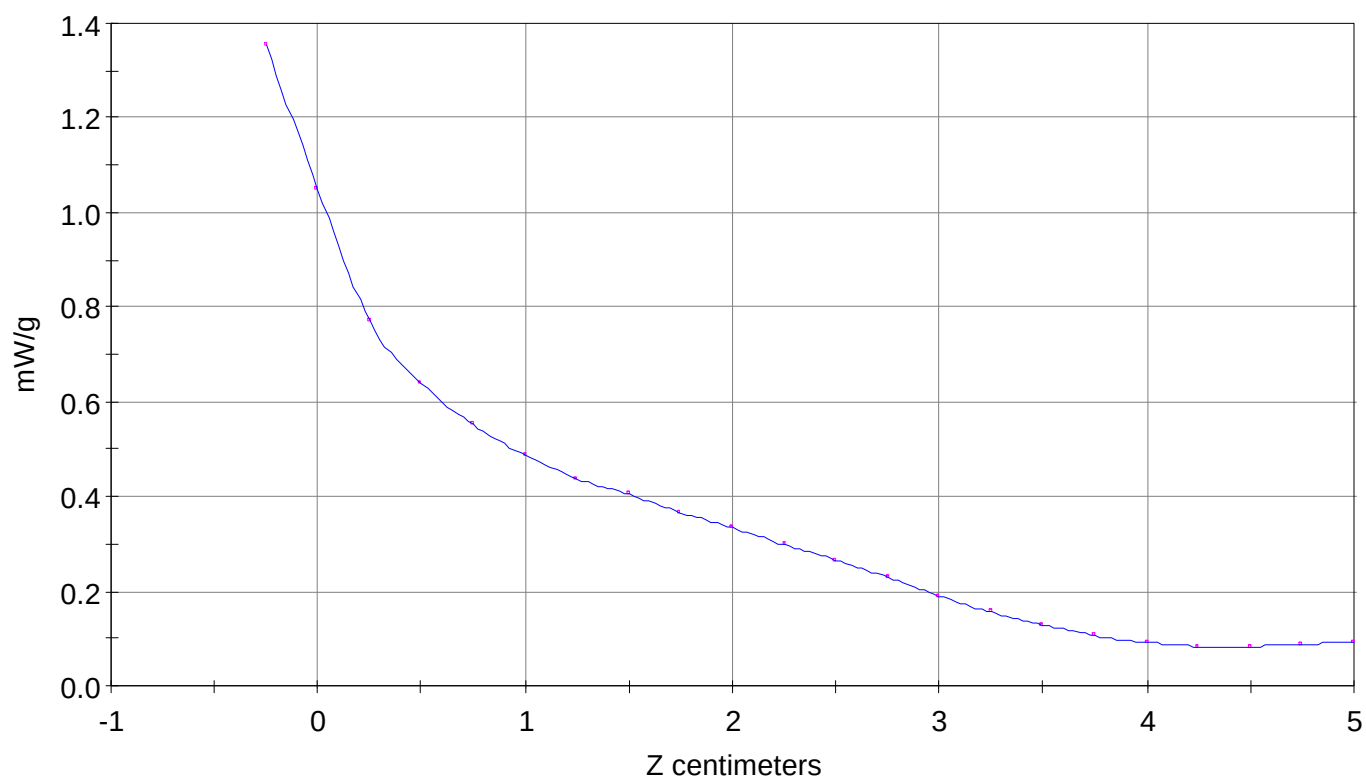
Calc. Voltage @ Surface (Vs) = 0.0185

Voltage @ 1.00 cm (Vt) = 0.0075

Ave. Voltage (Vs+Vt)/2 = 0.0130

Ave. SAR over 1 g (mW/g) = 0.9517

SAR Scan
File : 00041103_ZOOM
Start : 11-Apr-100 10:23:15 am End : 11-Apr-100 10:34:29 am
A3LSCHA105/SCHA105/#02;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/00041102_ZOOM.VLT
Start : 11-Apr-100 10:02:41 am End : 11-Apr-100 10:13:43 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 FM MODE
CHAN 383 SAR 26 dBm CONDUCTED
FCC ID A3LSCHA105

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.250, Y = -1.750, Z = 0.000 (cm) Value = 16.365

Measured Values (volts) =
1.543E-002 1.124E-002 9.252E-003 7.962E-003 6.998E-003 6.218E-003
5.778E-003 5.191E-003 4.786E-003 4.305E-003 3.821E-003 3.225E-003
2.809E-003 2.286E-003 1.841E-003 1.528E-003 1.301E-003 1.184E-003
1.201E-003 1.280E-003 1.409E-003

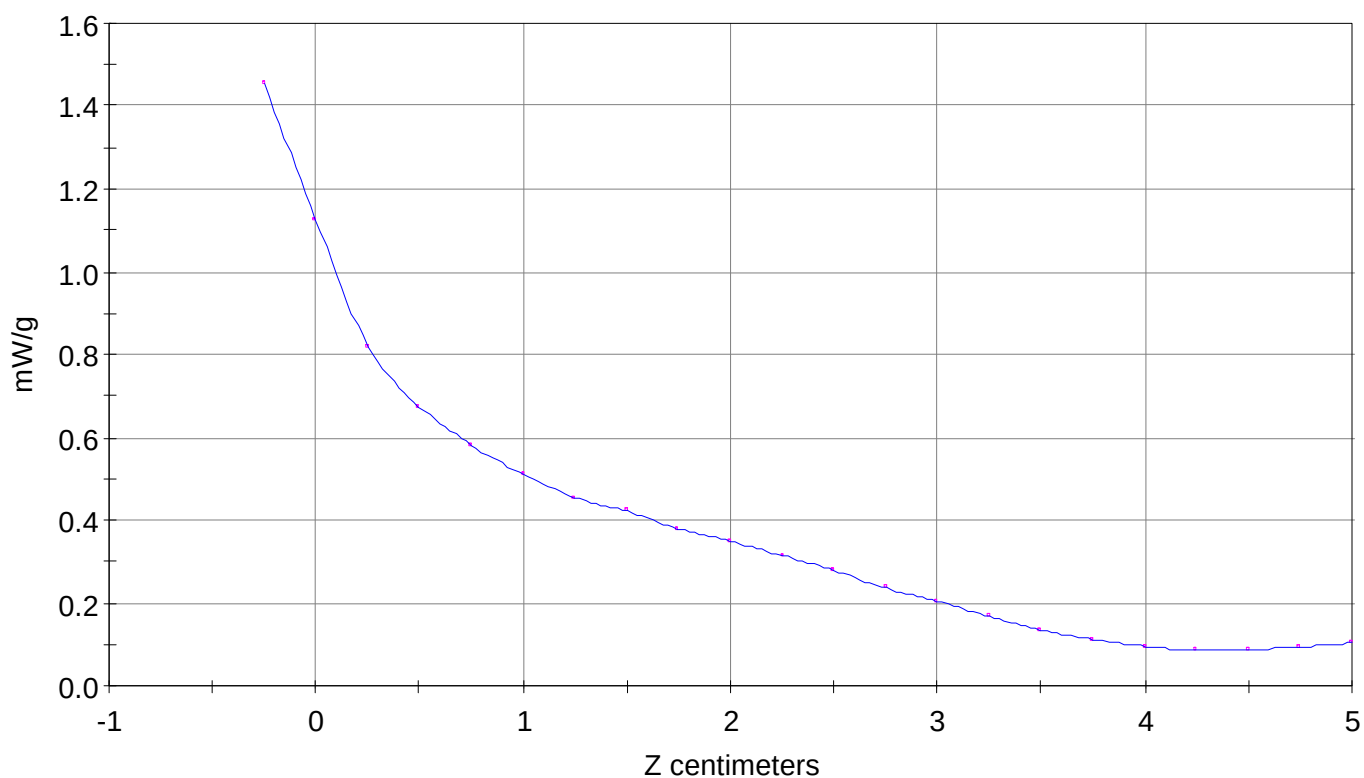
Calc. Voltage @ Surface (Vs) = 0.0200

Voltage @ 1.00 cm (Vt) = 0.0080

Ave. Voltage (Vs+Vt)/2 = 0.0140

Ave. SAR over 1 g (mW/g) = 1.0186

SAR Scan
File : 00041102_ZOOM
Start : 11-Apr-100 10:02:41 am End : 11-Apr-100 10:13:43 am
A3LSCHA105/SCH-A105/#02;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/00041101_ZOOM.VLT
Start : 11-Apr-100 09:40:47 am End : 11-Apr-100 09:51:40 am

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 FM MODE
CHAN 799 SAR 26 dBm CONDUCTED
FCC ID A3LSCHA105

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -2.000, Z = 0.000 (cm) Value = 17.541

Measured Values (volts) =
1.651E-002 1.233E-002 1.029E-002 8.861E-003 7.870E-003 7.050E-003
6.461E-003 5.834E-003 5.312E-003 4.731E-003 4.183E-003 3.530E-003
3.019E-003 2.452E-003 2.021E-003 1.645E-003 1.436E-003 1.361E-003
1.351E-003 1.442E-003 1.504E-003

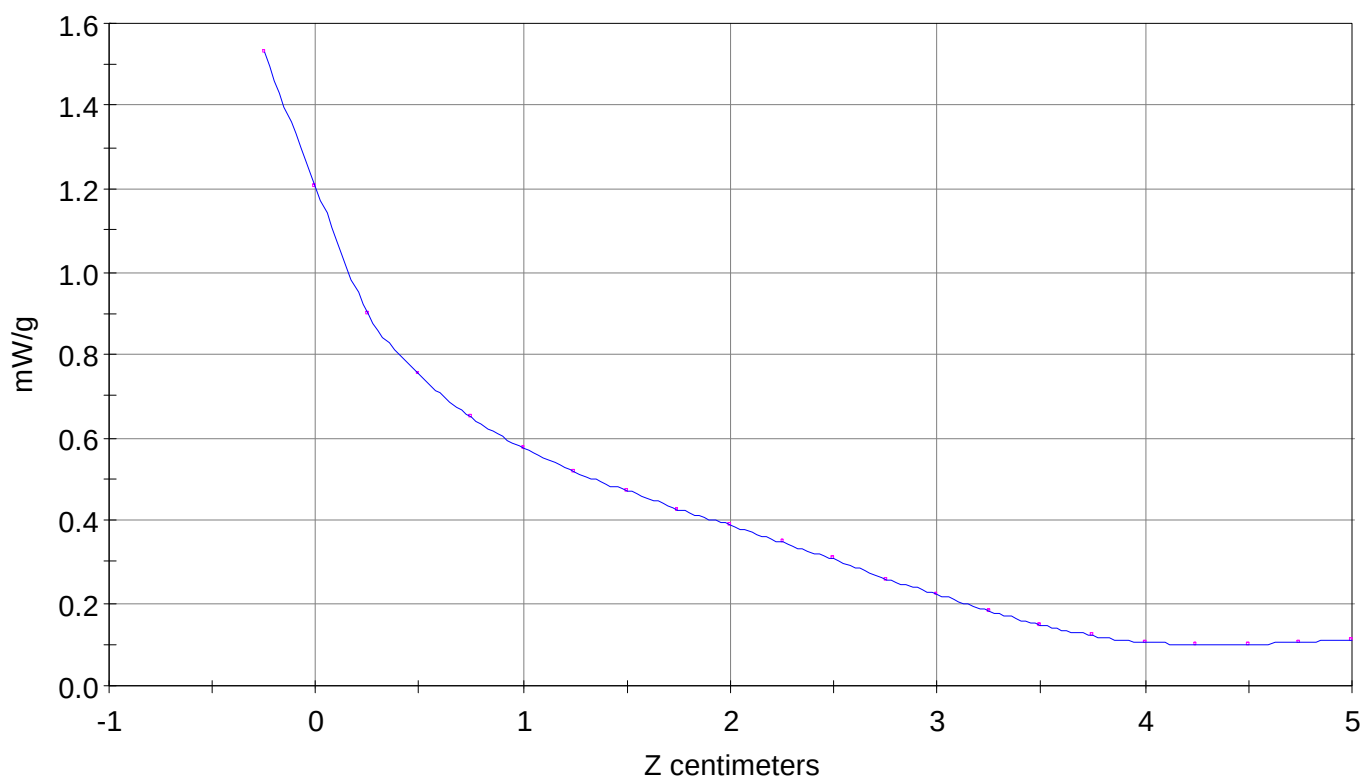
Calc. Voltage @ Surface (Vs) = 0.0209

Voltage @ 1.00 cm (Vt) = 0.0089

Ave. Voltage (Vs+Vt)/2 = 0.0149

Ave. SAR over 1 g (mW/g) = 1.0874

SAR Scan
File : 00041101_ZOOM
Start : 11-Apr-100 09:40:47 am End : 11-Apr-100 09:51:40 am
A3LSCHA105/SCH-A105/#02;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/00041032_ZOOM.VLT
Start : 10-Apr-100 05:51:02 pm End : 10-Apr-100 06:02:18 pm

Radio Type : A3LSCHA105
Model Number : SCH-A105
Serial Number : #02
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 FM MODE
CHAN 799 SAR 26 dBm CONDUCTED
FCC ID A3LSCHA105

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -2.250, Z = 0.000 (cm) Value = 23.304

Measured Values (volts) =
2.160E-002 1.586E-002 1.296E-002 1.101E-002 9.786E-003 8.837E-003
8.132E-003 7.295E-003 6.657E-003 6.097E-003 5.408E-003 4.629E-003
4.016E-003 3.247E-003 2.696E-003 2.188E-003 1.902E-003 1.733E-003
1.696E-003 1.805E-003 1.988E-003

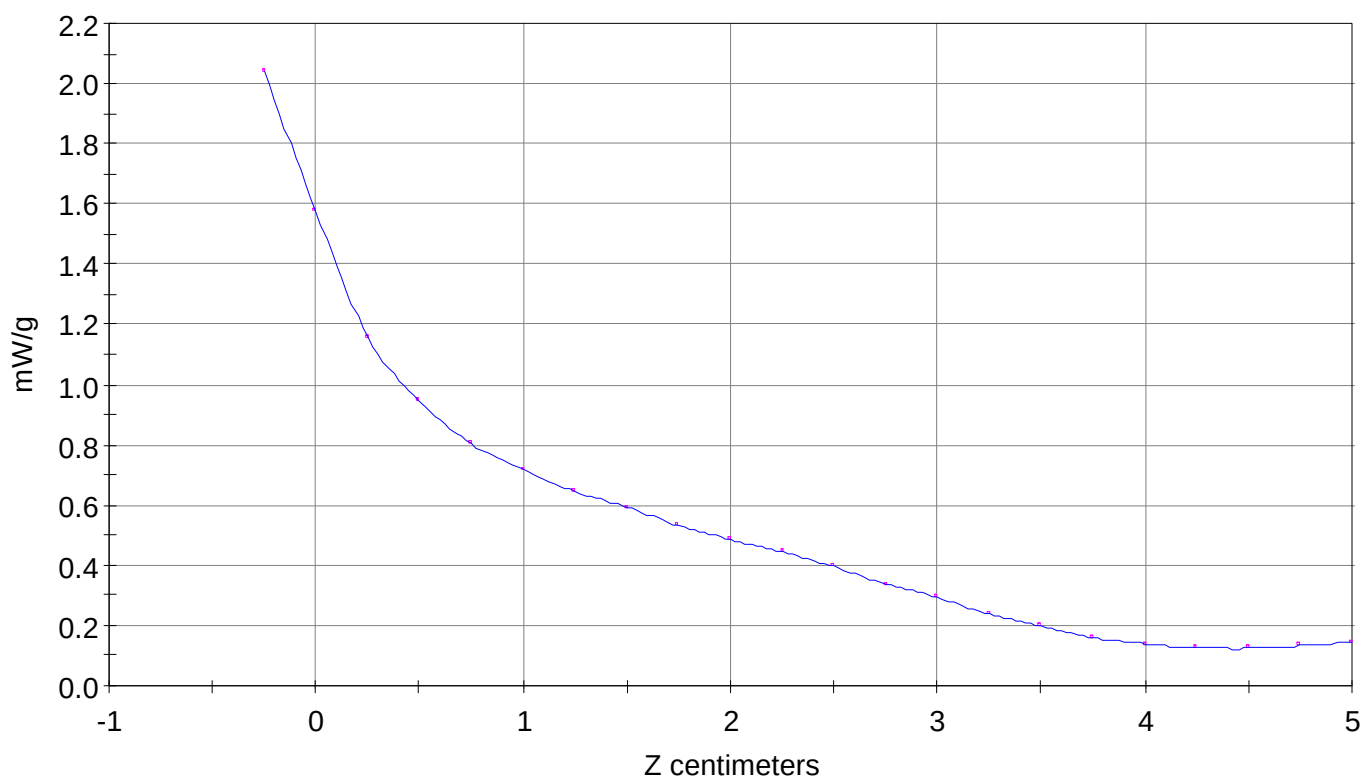
Calc. Voltage @ Surface (Vs) = 0.0279

Voltage @ 1.00 cm (Vt) = 0.0110

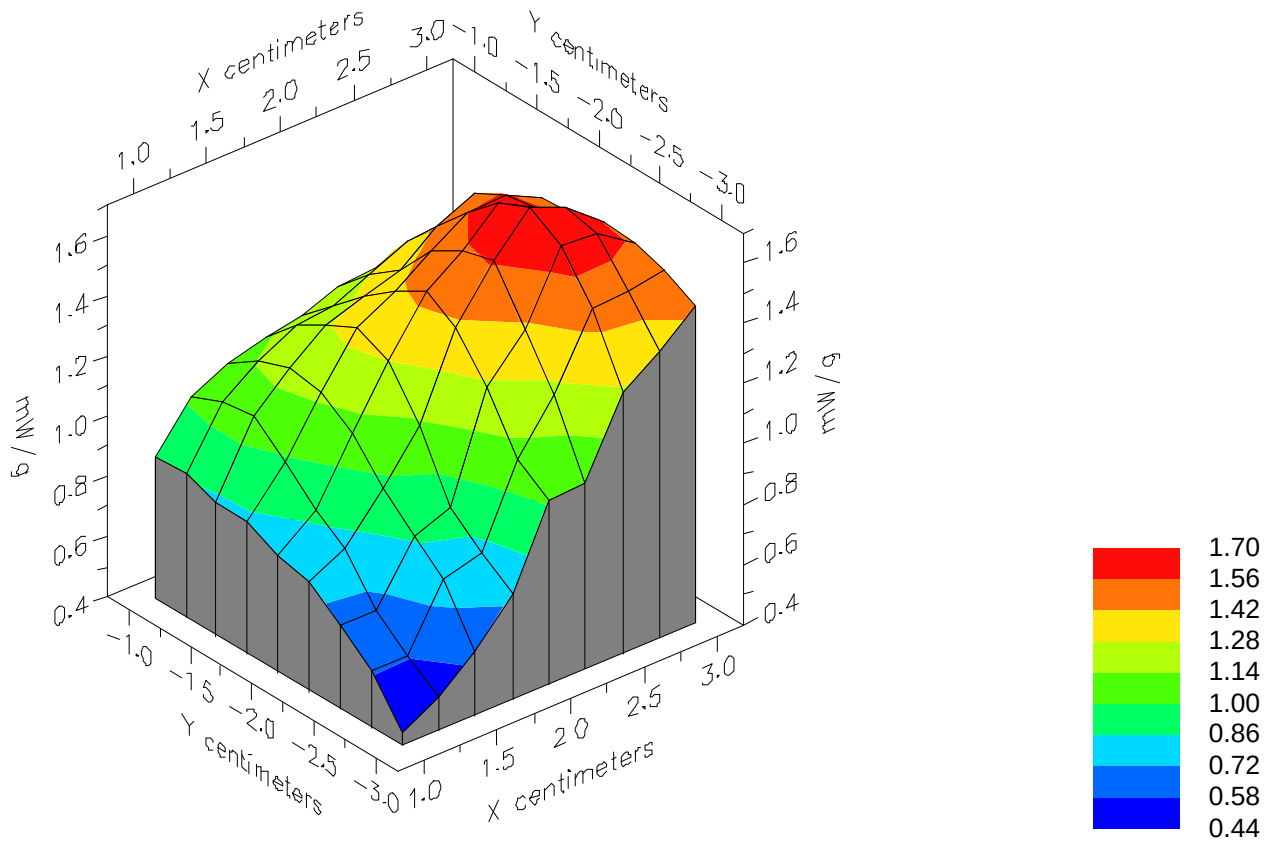
Ave. Voltage (Vs+Vt)/2 = 0.0195

Ave. SAR over 1 g (mW/g) = 1.4206

SAR Scan
File : 00041032_ZOOM
Start : 10-Apr-100 05:51:02 pm End : 10-Apr-100 06:02:18 pm
A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 00041032_ZOOM
Start : 10-Apr-100 05:51:02 pm End : 10-Apr-100 06:02:18 pm
A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900



File : 00041032_ZOOM
Start : 10-Apr-100 05:51:02 pm End : 10-Apr-100 06:02:18 pm
A3LSCHA105/SCH-A105/#02;848.97MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

