

Peak SAR Location

Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100526_ZOOM.VLT
Start : 5-Oct-100 05:07:18 pm End : 5-Oct-100 05:18:47 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0001
Frequency : 824.70 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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE CDMA
CHAN 1013 Conducted 23.0 dB
LGE SINGLE MODE CDMA

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 = 3.250, Y = -0.750, Z = 0.000 (cm) Value = 10.528

Measured Values (volts) =
1.028E-002 8.995E-003 7.525E-003 6.307E-003 5.244E-003 4.280E-003
3.392E-003 2.642E-003 2.128E-003 1.787E-003 1.612E-003 1.620E-003
1.714E-003 1.852E-003 1.964E-003 1.952E-003 1.744E-003 1.223E-003
7.969E-004 6.946E-004 3.077E-004

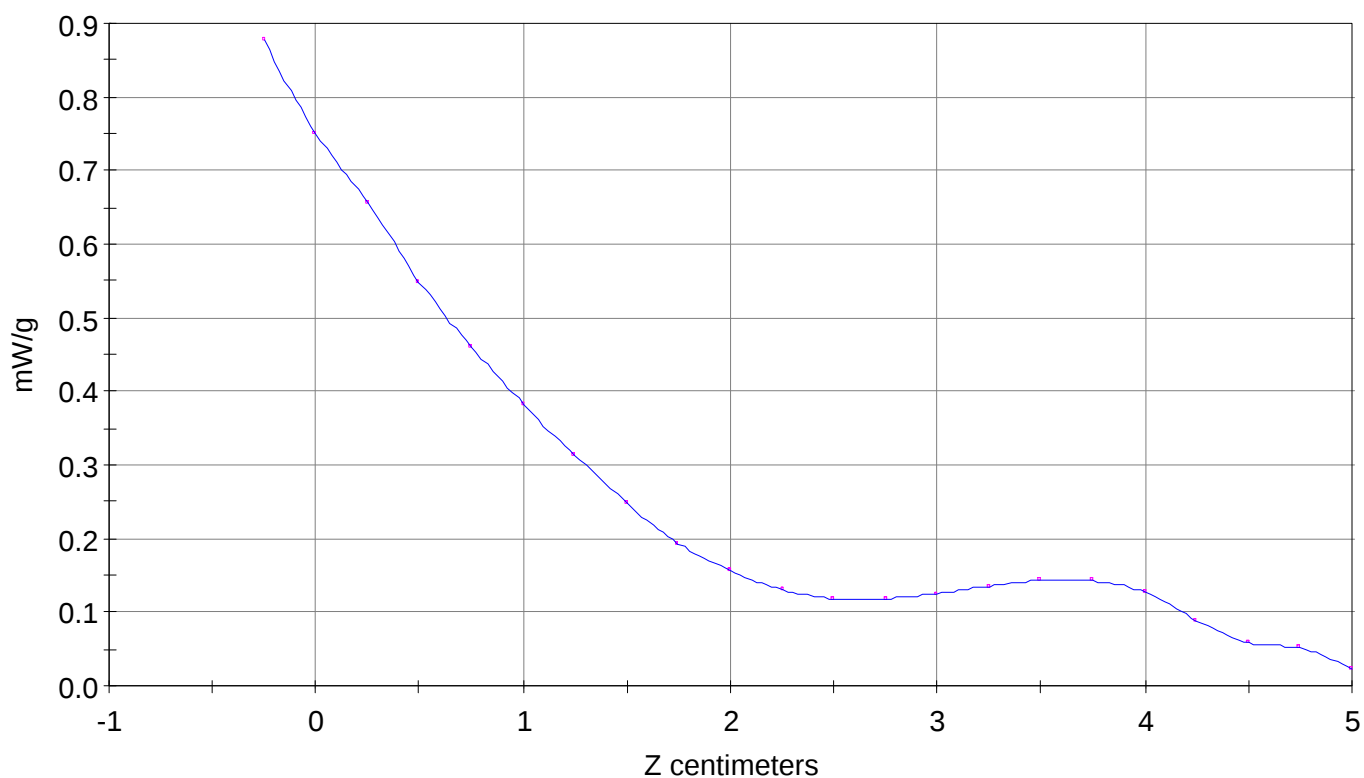
Calc. Voltage @ Surface (Vs) = 0.0120

Voltage @ 1.00 cm (Vt) = 0.0063

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

Ave. SAR over 1 g (mW/g) = 0.6686

SAR Scan
File : 00100526_ZOOM
Start : 5-Oct-100 05:07:18 pm End : 5-Oct-100 05:18:47 pm
LGE/LG-SD510/0001;824.70MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

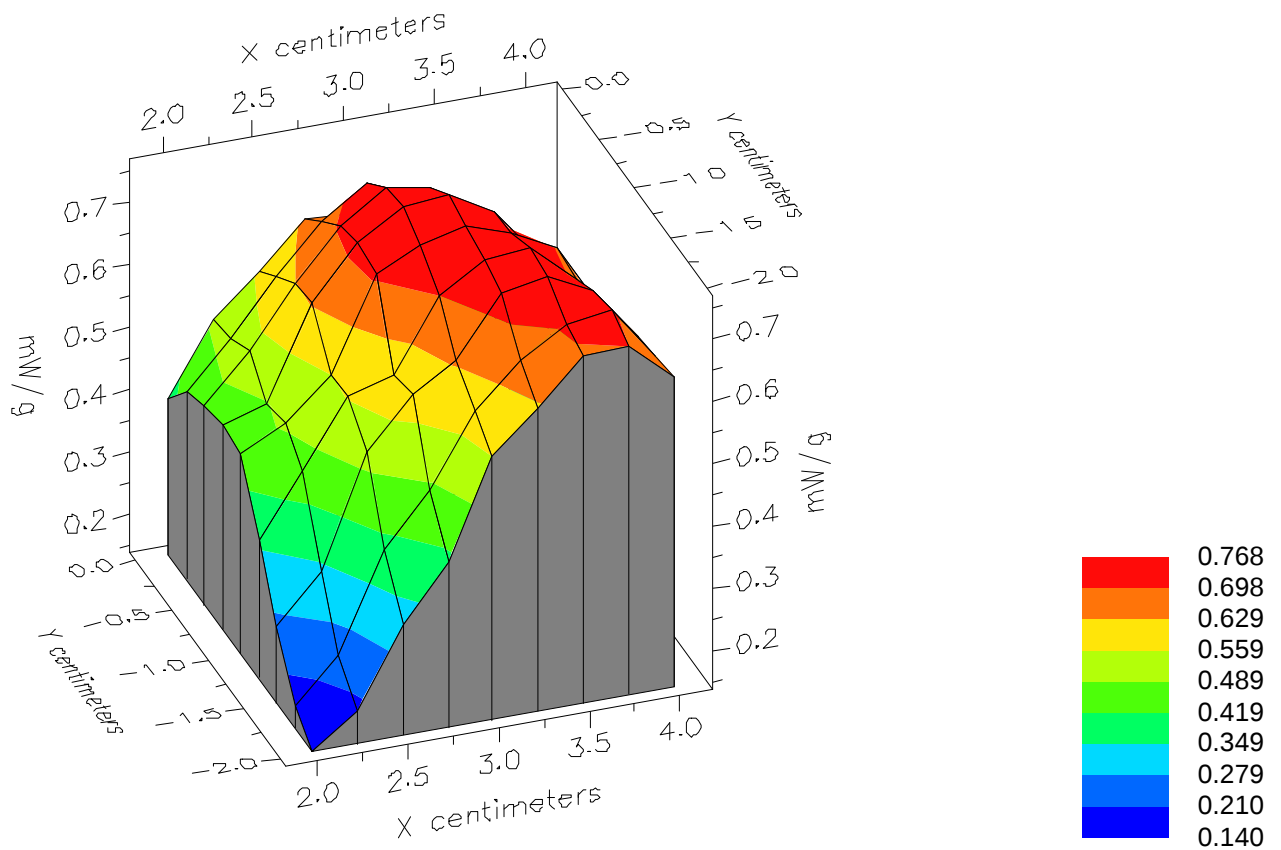


File : 00100526_ZOOM

Start : 5-Oct-100 05:07:18 pm End : 5-Oct-100 05:18:47 pm

LGE/LG-SD510/0001;824.70MHz;W;Helical/In;

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

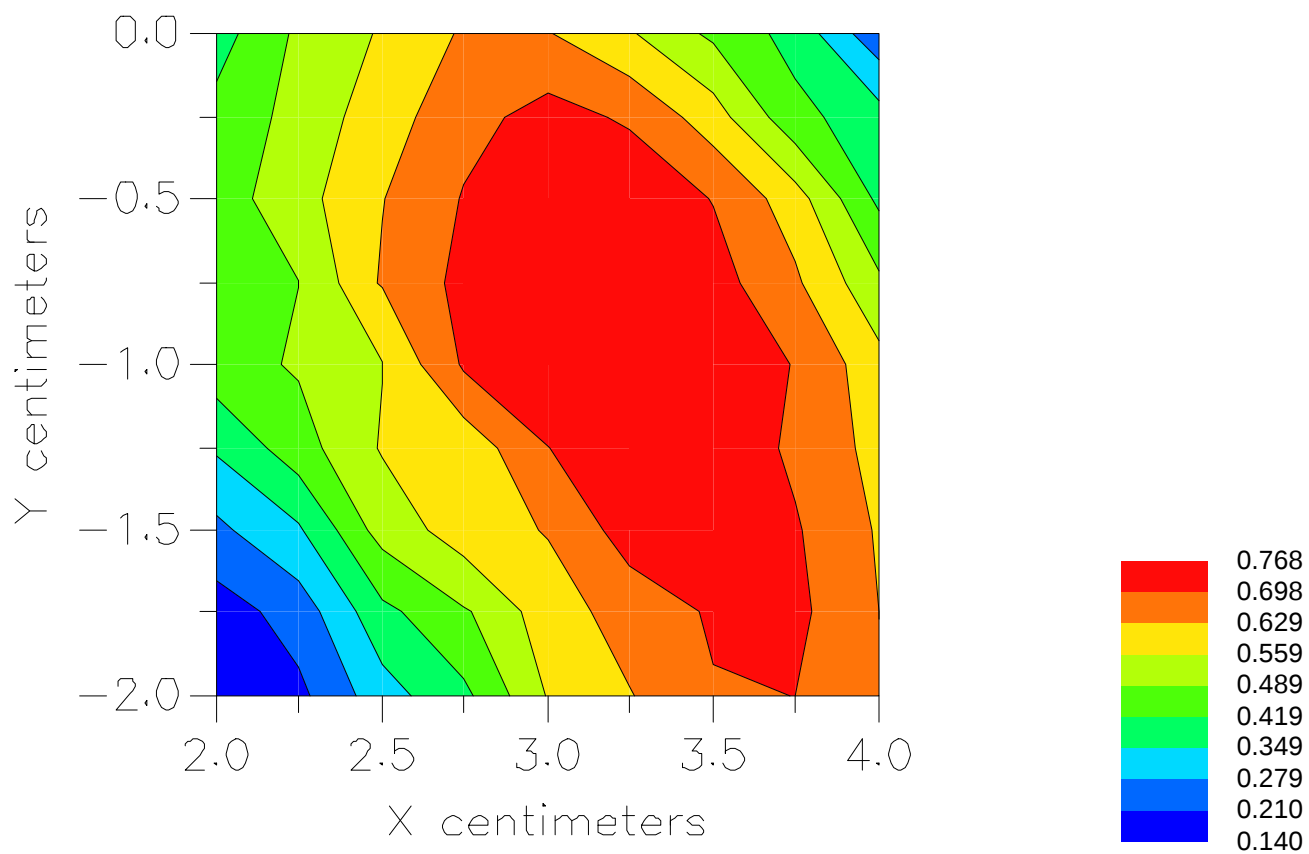


File : 00100526_ZOOM

Start : 5-Oct-100 05:07:18 pm End : 5-Oct-100 05:18:47 pm

LGE/LG-SD510/0001;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/00100518_ZOOM.VLT
Start : 5-Oct-100 03:32:11 pm End : 5-Oct-100 03:45:03 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 824.70 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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE CDMA
CHAN 1013 Conducted 23.0 dB
LGE SINGLE MODE CDMA

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 = -0.500, Z = 0.000 (cm) Value = 20.064

Measured Values (volts) =
1.842E-002 1.472E-002 1.223E-002 1.047E-002 8.807E-003 7.413E-003
5.997E-003 4.730E-003 3.830E-003 3.111E-003 2.696E-003 2.572E-003
2.676E-003 2.893E-003 3.156E-003 3.294E-003 3.140E-003 2.687E-003
1.935E-003 1.900E-003 8.301E-004

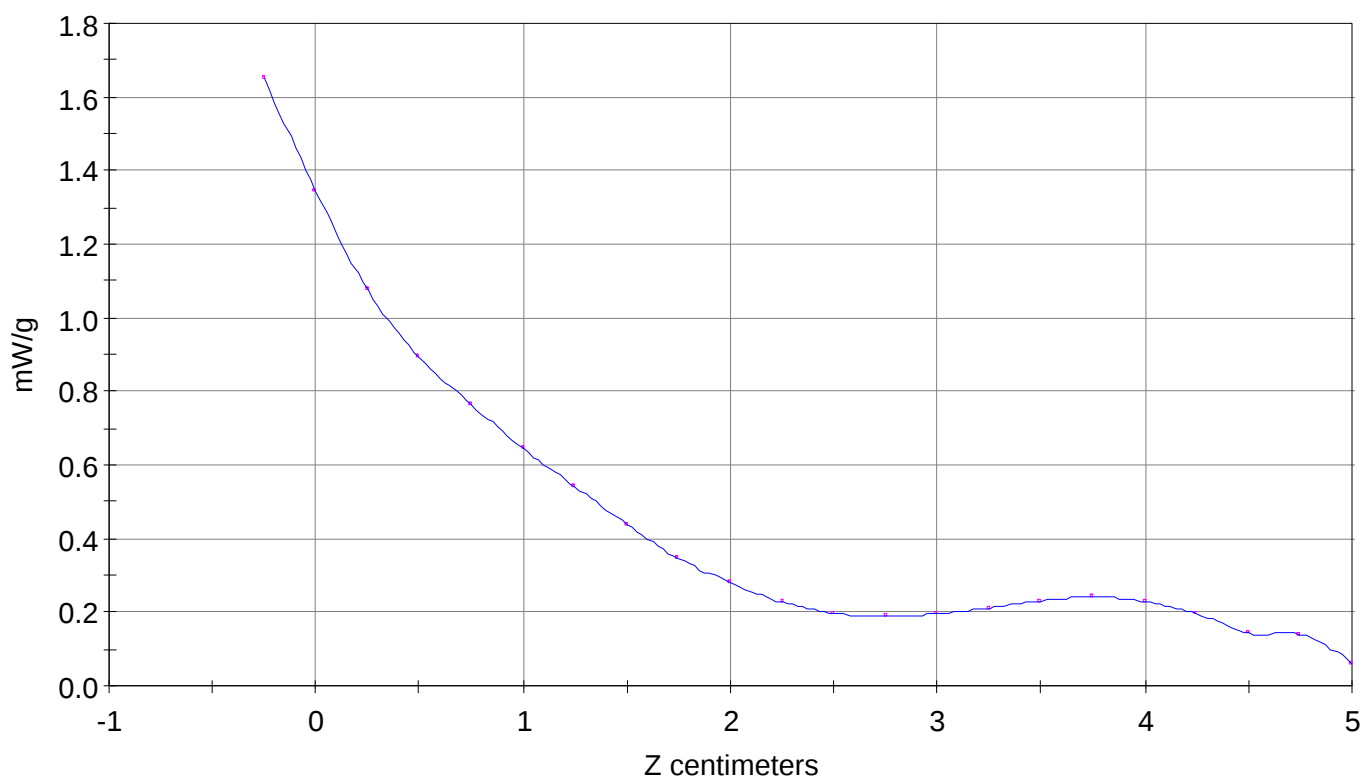
Calc. Voltage @ Surface (Vs) = 0.0226

Voltage @ 1.00 cm (Vt) = 0.0105

Ave. Voltage (Vs+Vt)/2 = 0.0165

Ave. SAR over 1 g (mW/g) = 1.2070

SAR Scan
File : 00100518_ZOOM
Start : 5-Oct-100 03:32:11 pm End : 5-Oct-100 03:45:03 pm
LGE/LG-SD510/0003;824.70MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

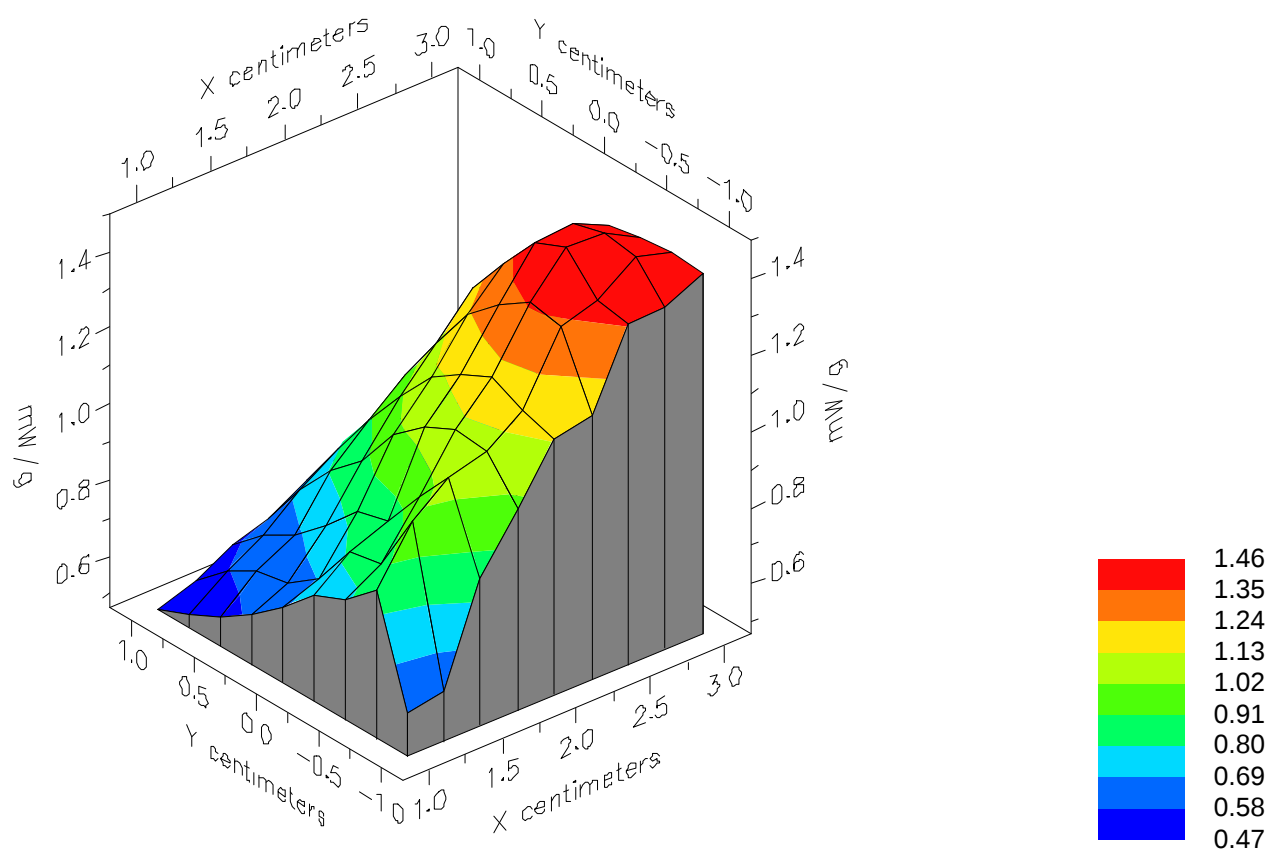


File : 00100518_ZOOM

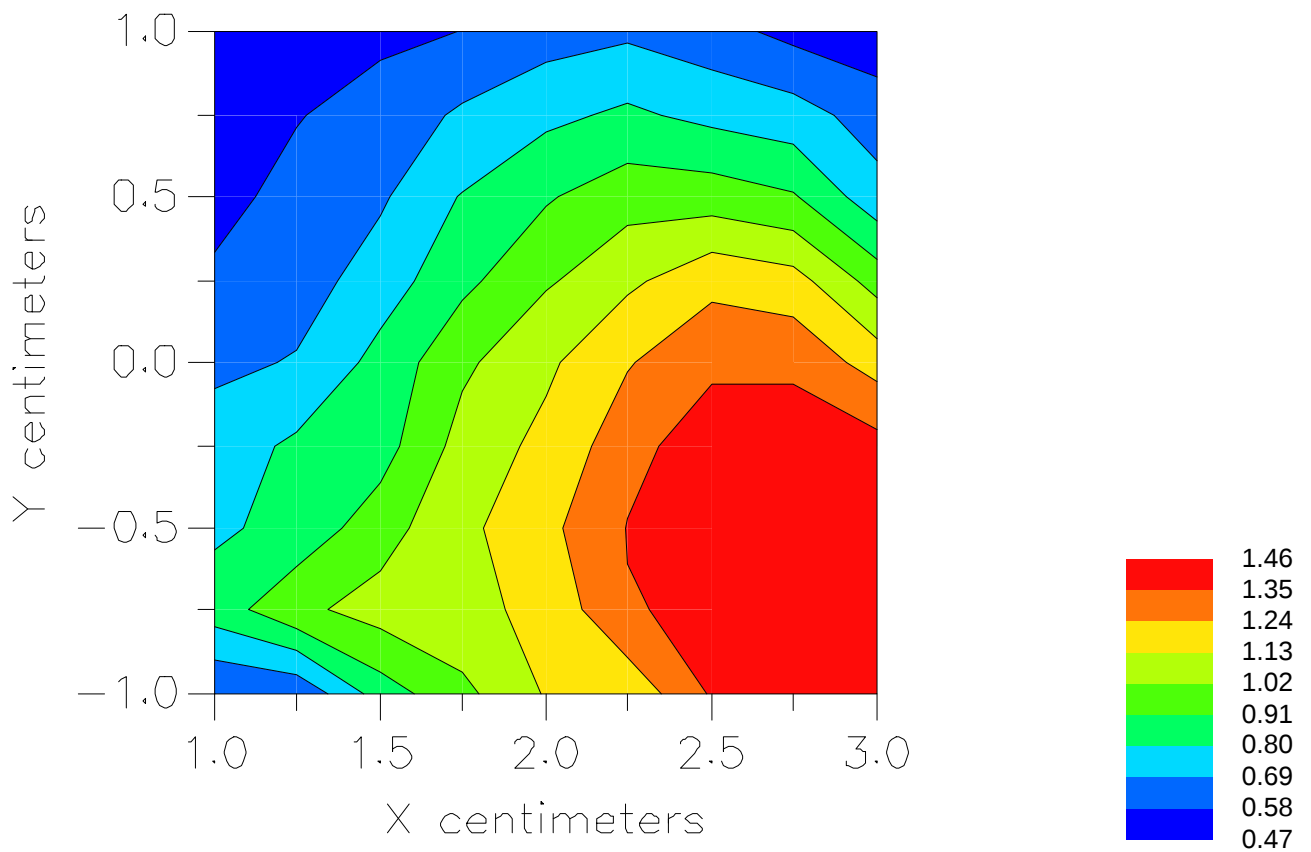
Start : 5-Oct-100 03:32:11 pm End : 5-Oct-100 03:45:03 pm

LGE/LG-SD510/0003;824.70MHz;W;Helical/Out;

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



File : 00100518_ZOOM
Start : 5-Oct-100 03:32:11 pm End : 5-Oct-100 03:45:03 pm
LGE/LG-SD510/0003;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/00100512_ZOOM.VLT
Start : 5-Oct-100 01:37:10 pm End : 5-Oct-100 01:48:36 pm

Radio Type : LGIC
Model Number : LG-SD510
Serial Number : 0003
Frequency : 835.89 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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE CDMA
CHAN 0363 Conducted 23.0 dB
LGE SINGLE MODE CDMA

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 = -0.500, Z = 0.000 (cm) Value = 17.935

Measured Values (volts) =
1.797E-002 1.460E-002 1.234E-002 1.057E-002 9.041E-003 7.592E-003
6.179E-003 4.927E-003 3.958E-003 3.202E-003 2.797E-003 2.619E-003
2.715E-003 2.965E-003 3.155E-003 3.246E-003 3.102E-003 2.685E-003
1.882E-003 1.701E-003 7.230E-004

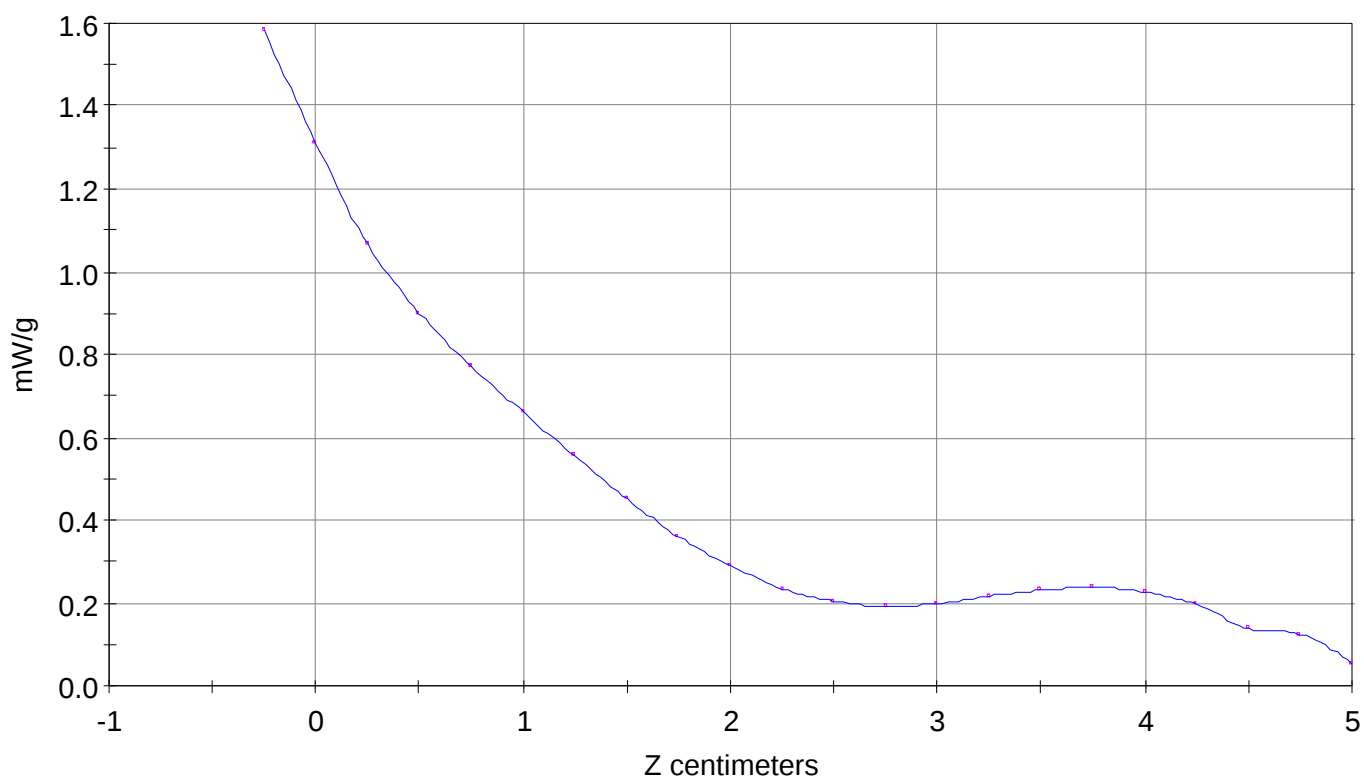
Calc. Voltage @ Surface (Vs) = 0.0217

Voltage @ 1.00 cm (Vt) = 0.0106

Ave. Voltage (Vs+Vt)/2 = 0.0161

Ave. SAR over 1 g (mW/g) = 1.1771

SAR Scan
File : 00100512_ZOOM
Start : 5-Oct-100 01:37:10 pm End : 5-Oct-100 01:48:36 pm
LGE/LG-SD510/0003;835.89MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

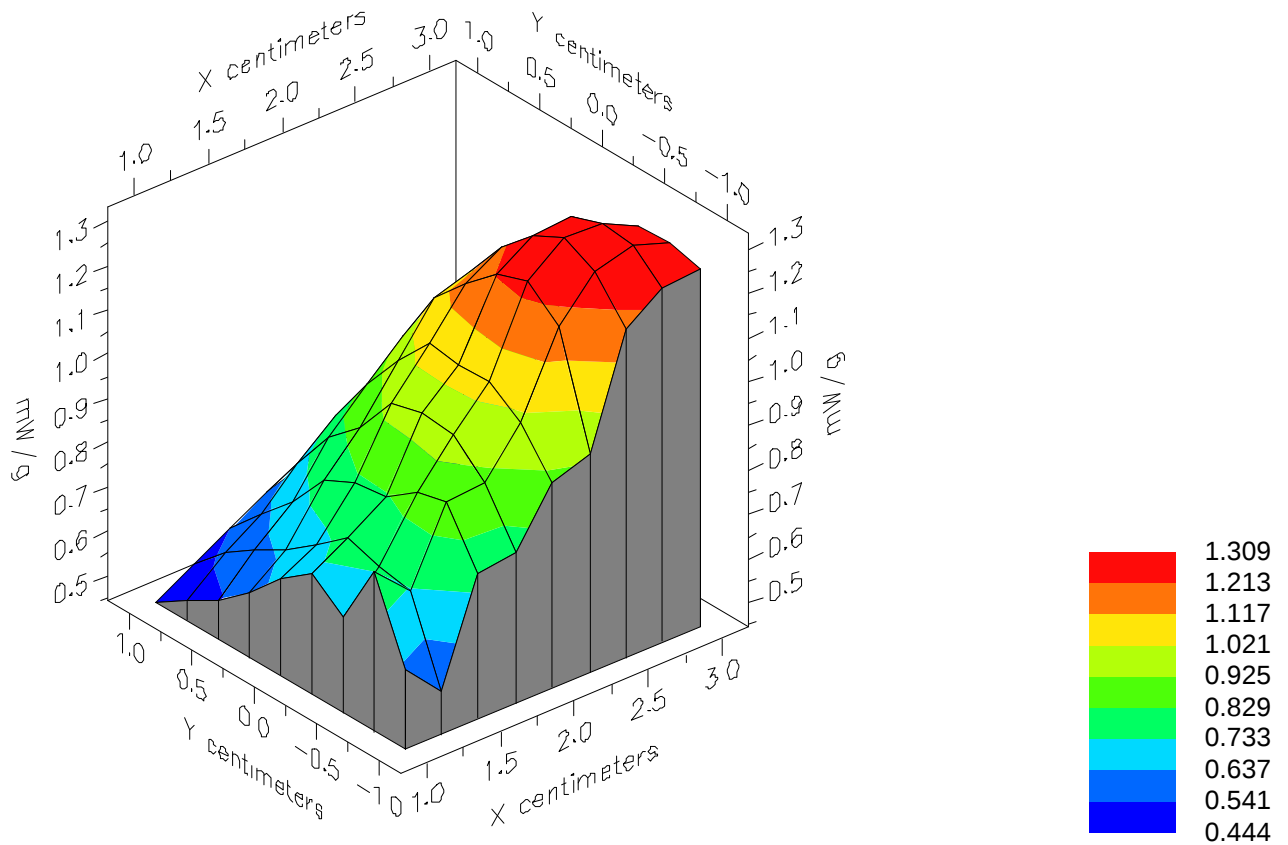


File : 00100512_ZOOM

Start : 5-Oct-100 01:37:10 pm End : 5-Oct-100 01:48:36 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/In;

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

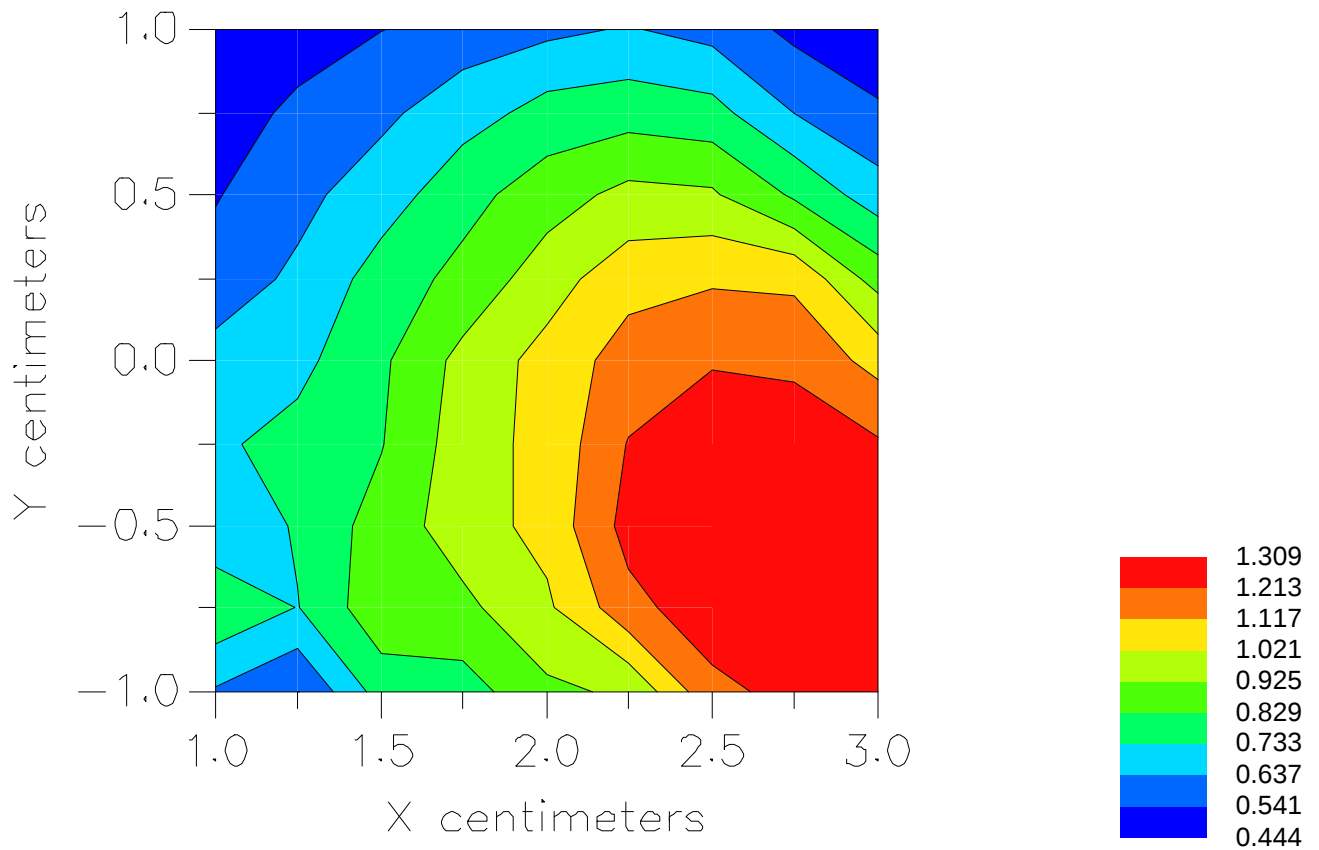


File : 00100512_ZOOM

Start : 5-Oct-100 01:37:10 pm End : 5-Oct-100 01:48:36 pm

LGE/LG-SD510/0003;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/00100506_ZOOM.VLT
Start : 5-Oct-100 12:26:44 pm End : 5-Oct-100 12:37:07 pm

Radio Type : LGIC
Model Number : LG-SD510
Serial Number : 0003
Frequency : 835.89 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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE CDMA
CHAN 0363 Conducted 23.0 dB
LGE SINGLE MODE CDMA

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 = 3.000, Y = -1.250, Z = 0.000 (cm) Value = 19.570

Measured Values (volts) =
1.868E-002 1.587E-002 1.378E-002 1.199E-002 1.021E-002 8.590E-003
6.992E-003 5.645E-003 4.503E-003 3.629E-003 3.212E-003 3.131E-003
3.288E-003 3.624E-003 3.869E-003 3.937E-003 3.611E-003 2.807E-003
2.055E-003 2.163E-003 8.495E-004

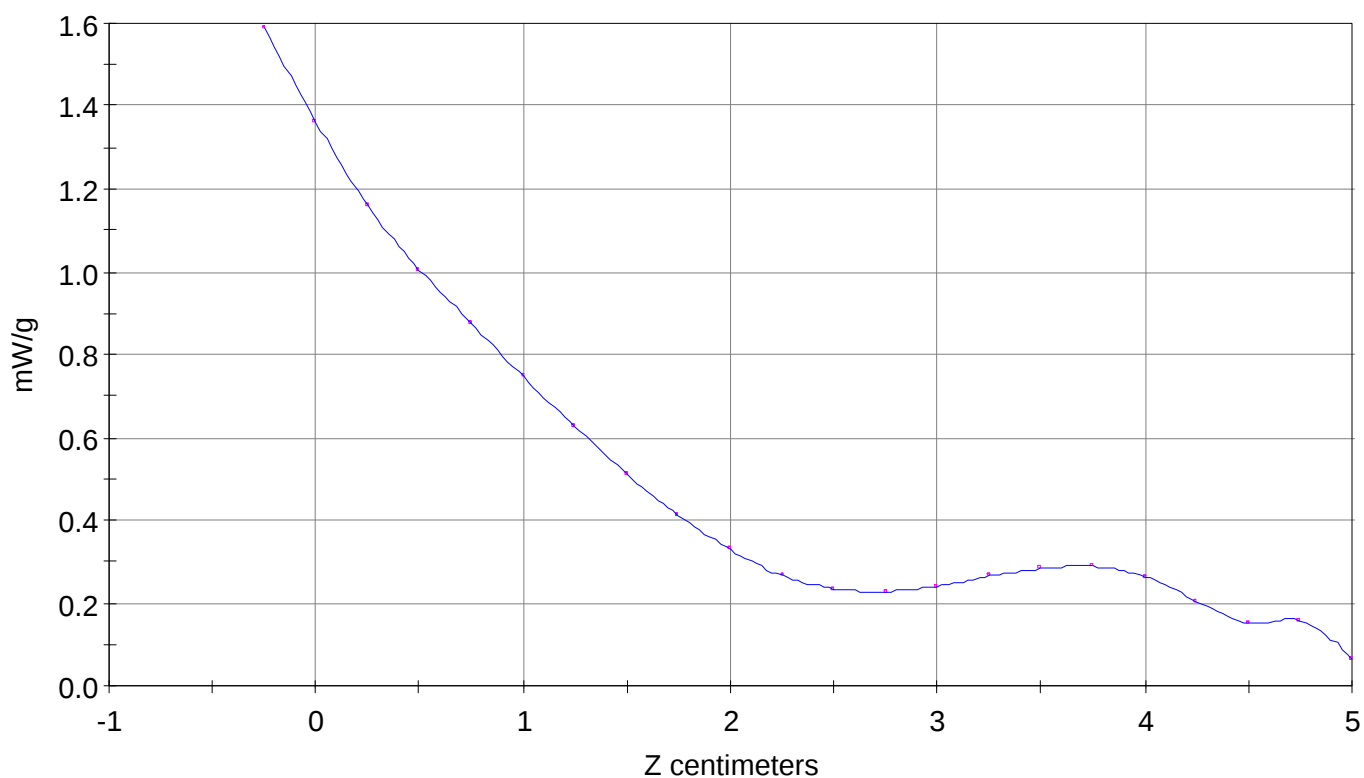
Calc. Voltage @ Surface (Vs) = 0.0218

Voltage @ 1.00 cm (Vt) = 0.0120

Ave. Voltage (Vs+Vt)/2 = 0.0169

Ave. SAR over 1 g (mW/g) = 1.2310

SAR Scan
File : 00100506_ZOOM
Start : 5-Oct-100 12:26:44 pm End : 5-Oct-100 12:37:07 pm
LGE/LG-SD510/0003;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

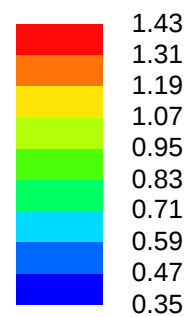
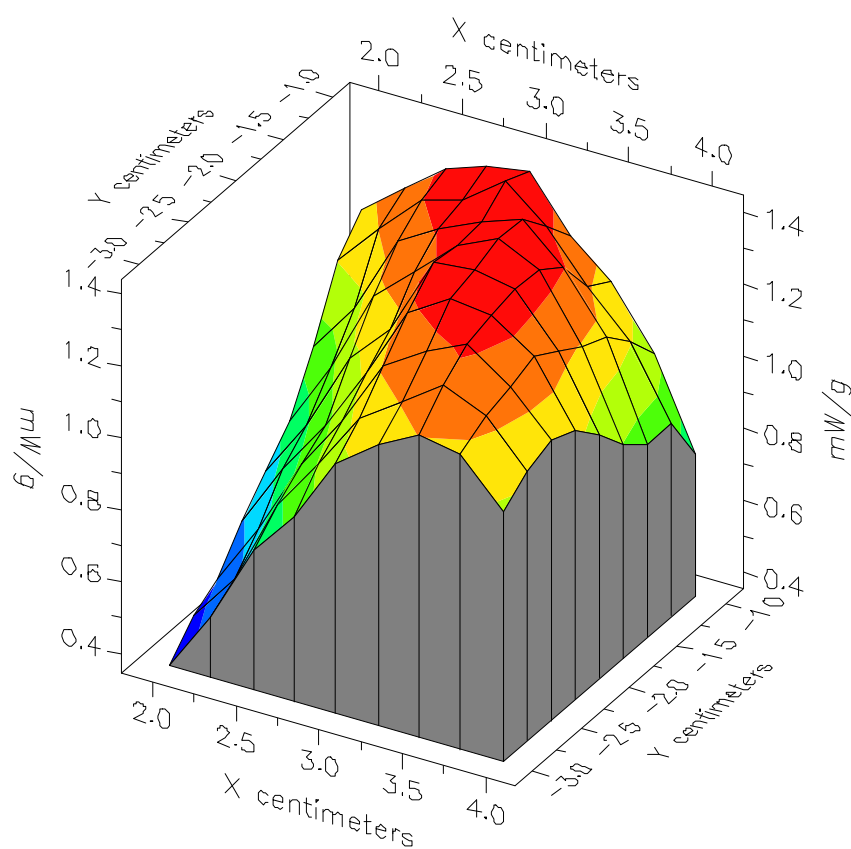


File : 00100506_ZOOM

Start : 5-Oct-100 12:26:44 pm End : 5-Oct-100 12:37:07 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/Out;

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

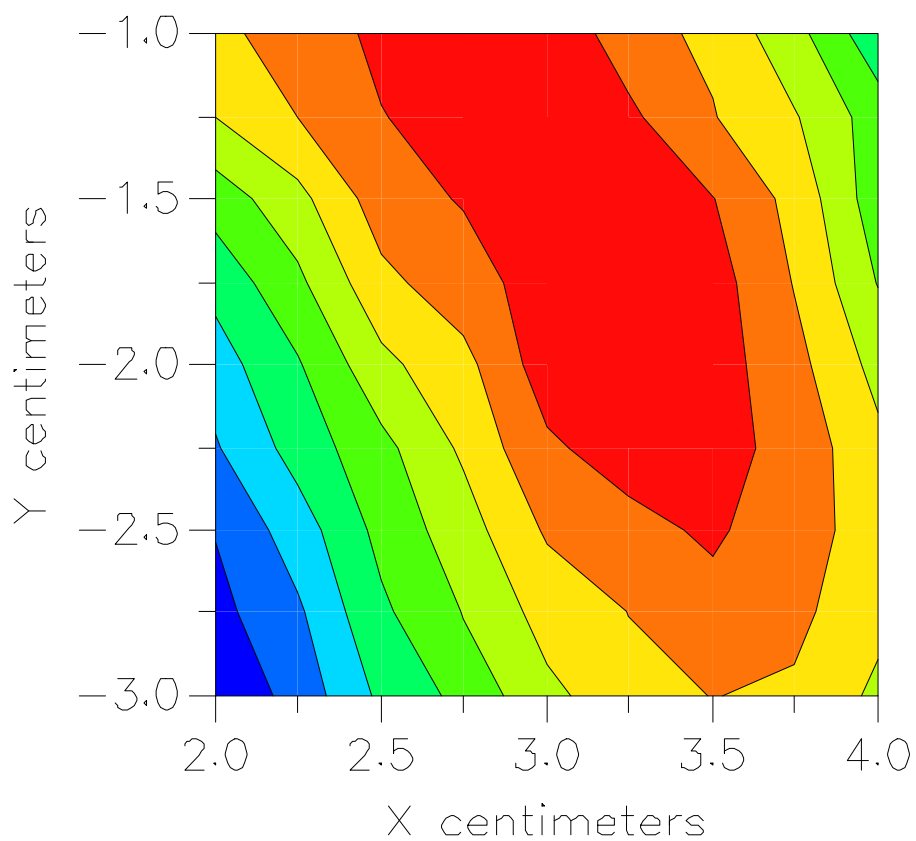


File : 00100506_ZOOM

Start : 5-Oct-100 12:26:44 pm End : 5-Oct-100 12:37:07 pm

LGE/LG-SD510/0003;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/00100514_ZOOM.VLT
Start : 5-Oct-100 02:15:29 pm End : 5-Oct-100 02:26:55 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 848.31 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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE CDMA
CHAN 0777 Conducted 23.0 dB
LGE SINGLE MODE CDMA

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 = 2.750, Y = -0.500, Z = 0.000 (cm) Value = 7.895

Measured Values (volts) =
7.703E-003 6.749E-003 5.526E-003 4.660E-003 3.920E-003 3.273E-003
2.641E-003 2.117E-003 1.651E-003 1.369E-003 1.212E-003 1.127E-003
1.193E-003 1.285E-003 1.335E-003 1.348E-003 1.270E-003 9.536E-004
6.614E-004 6.289E-004 2.686E-004

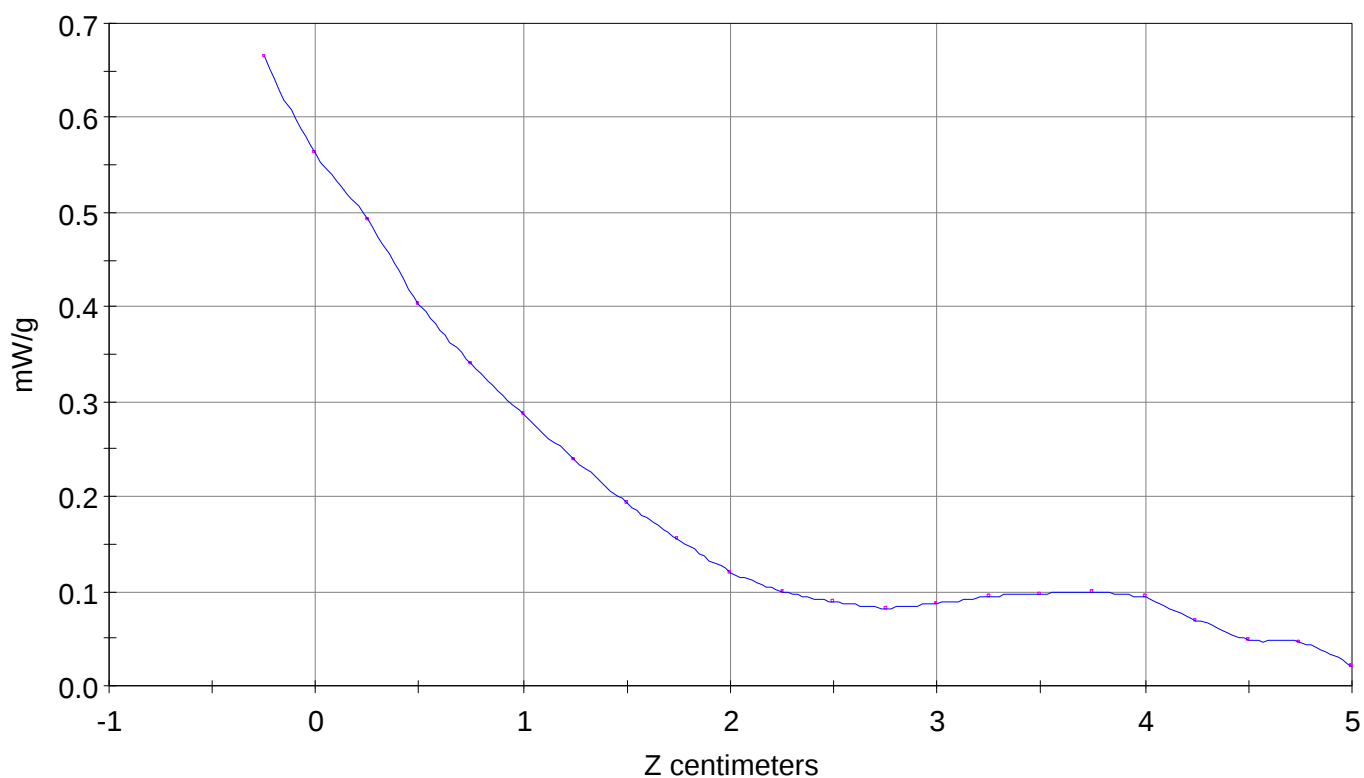
Calc. Voltage @ Surface (Vs) = 0.0091

Voltage @ 1.00 cm (Vt) = 0.0047

Ave. Voltage (Vs+Vt)/2 = 0.0069

Ave. SAR over 1 g (mW/g) = 0.5020

SAR Scan
File : 00100514_ZOOM
Start : 5-Oct-100 02:15:29 pm End : 5-Oct-100 02:26:55 pm
LGE/LG-SD510/0003;848.31MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

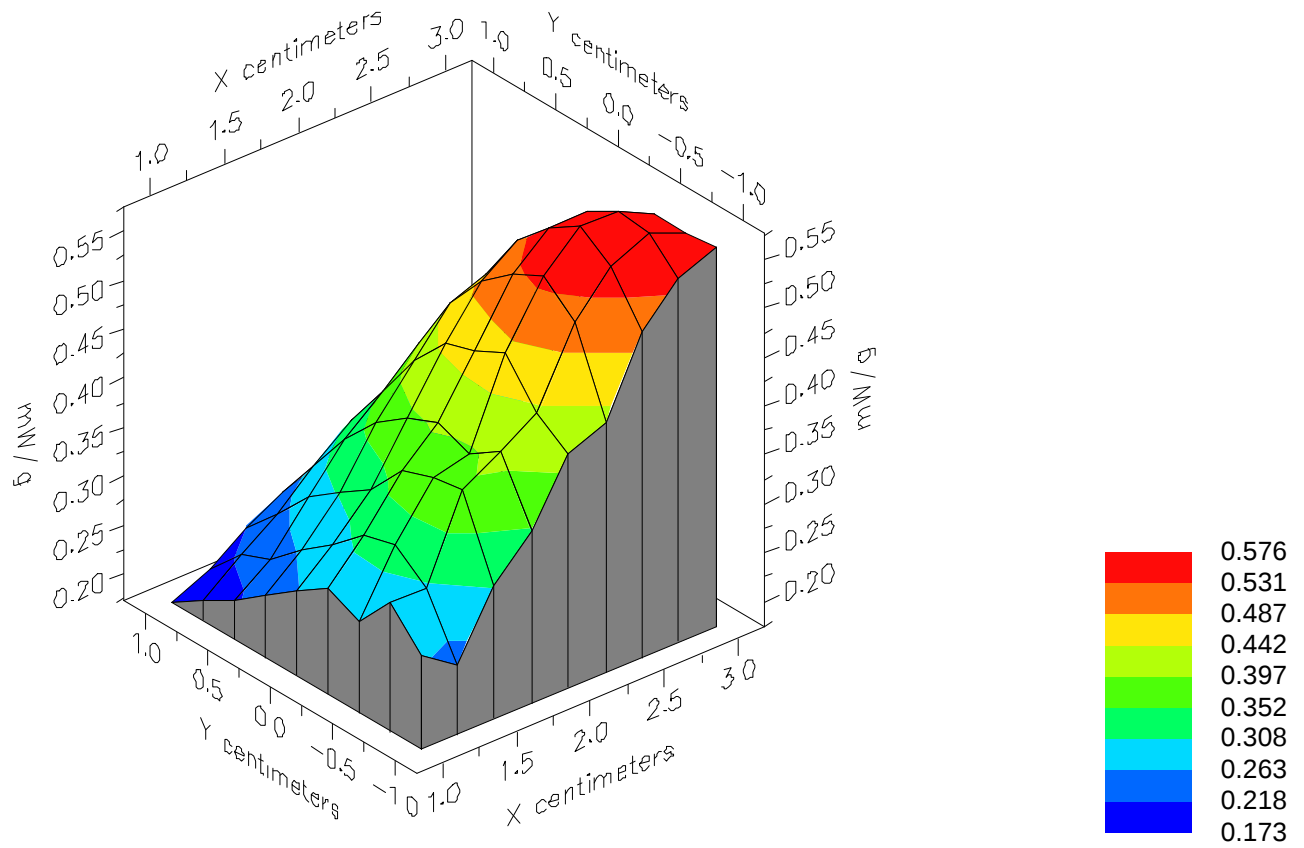


File : 00100514_ZOOM

Start : 5-Oct-100 02:15:29 pm End : 5-Oct-100 02:26:55 pm

LGE/LG-SD510/0003;848.31MHz;W;Helical/In;

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

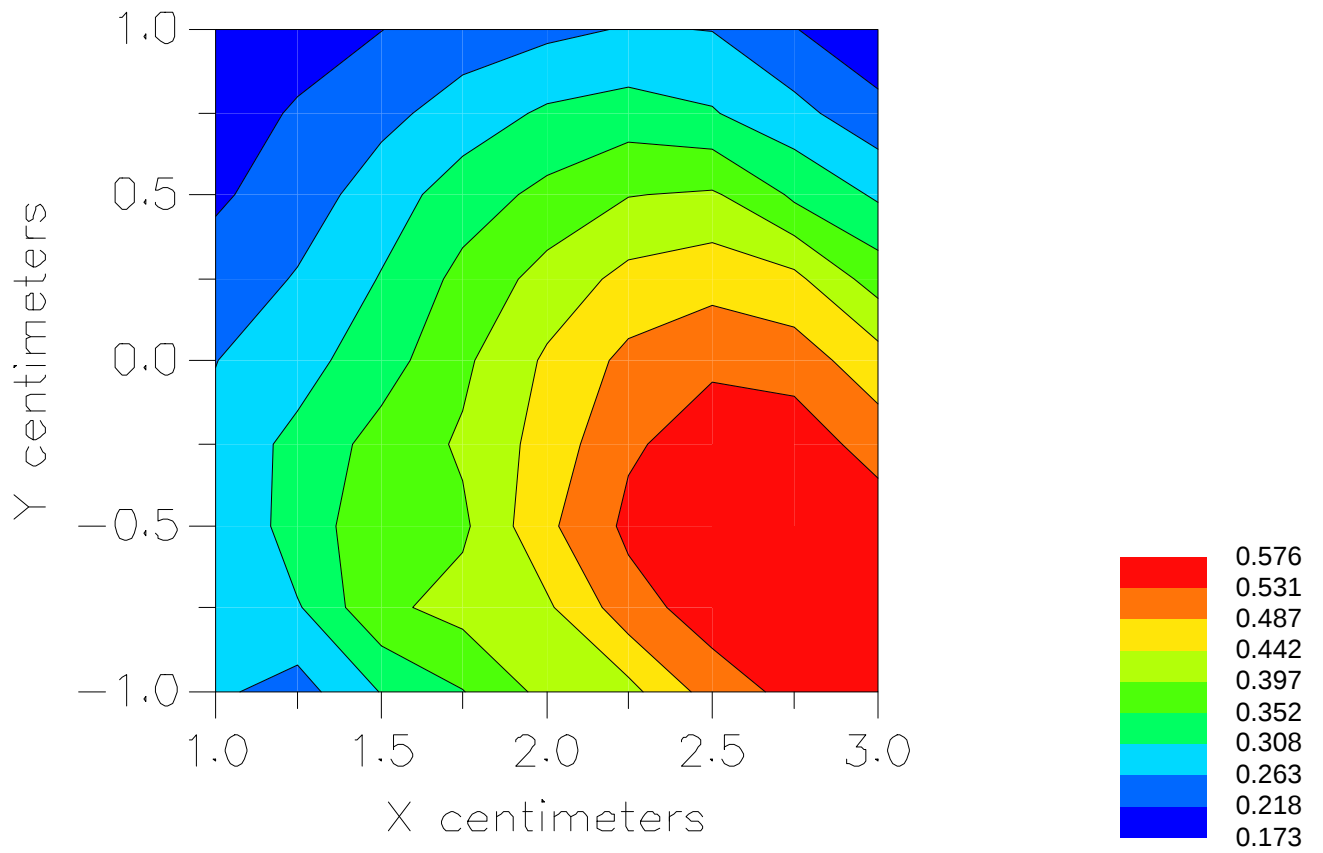


File : 00100514_ZOOM

Start : 5-Oct-100 02:15:29 pm End : 5-Oct-100 02:26:55 pm

LGE/LG-SD510/0003;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/00100513_ZOOM.VLT
Start : 5-Oct-100 01:57:39 pm End : 5-Oct-100 02:08:40 pm

Radio Type : LGIC
Model Number : LG-SD510
Serial Number : 0003
Frequency : 848.31 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 = 43.400
Mixture Conductivity = 0.900

Comment :
LGE SINGLE MODE CDMA
CHAN 0777 Conducted 23.0 dB
LGE SINGLE MODE CDMA

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 = 2.750, Y = -0.750, Z = 0.000 (cm) Value = 16.355

Measured Values (volts) =
1.622E-002 1.354E-002 1.148E-002 9.677E-003 8.183E-003 6.690E-003
5.442E-003 4.282E-003 3.467E-003 2.815E-003 2.483E-003 2.409E-003
2.519E-003 2.743E-003 2.968E-003 3.004E-003 2.754E-003 2.111E-003
1.601E-003 1.629E-003 6.815E-004

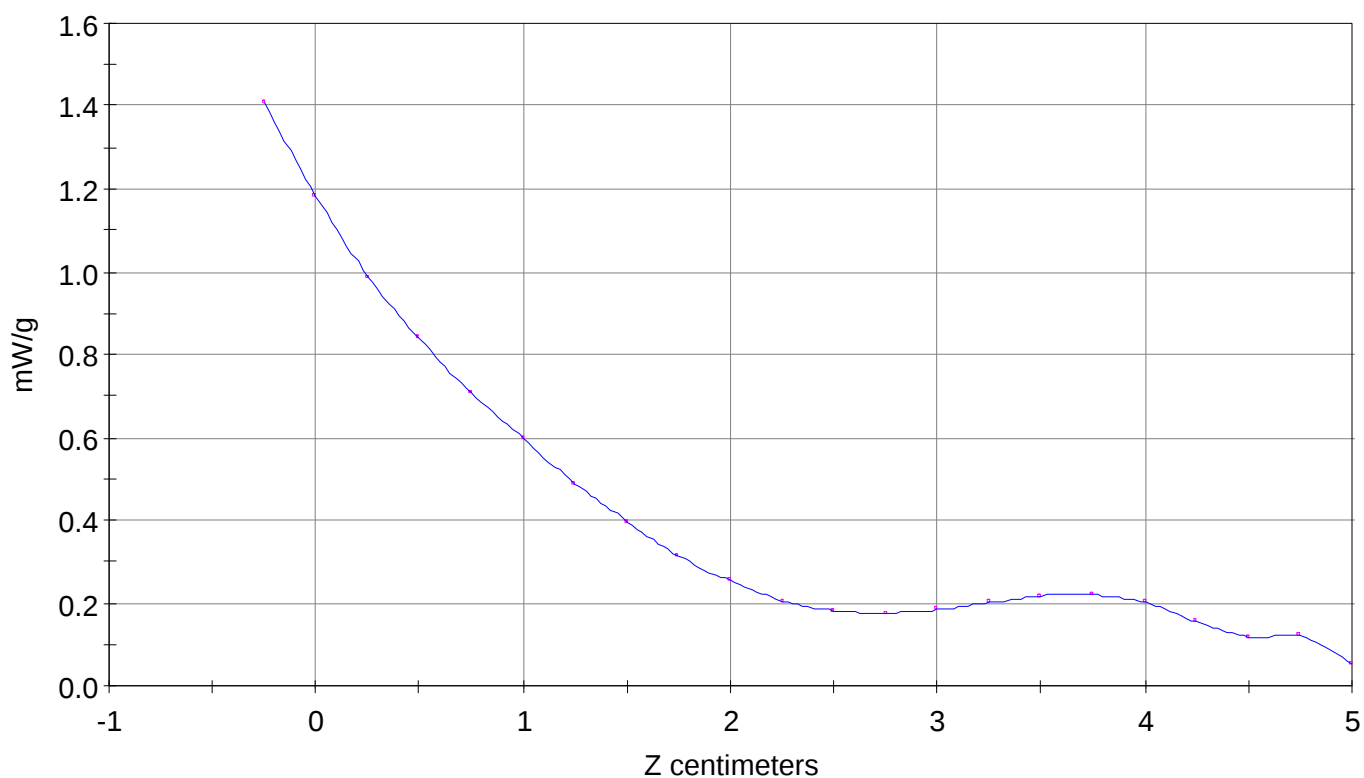
Calc. Voltage @ Surface (Vs) = 0.0193

Voltage @ 1.00 cm (Vt) = 0.0097

Ave. Voltage (Vs+Vt)/2 = 0.0145

Ave. SAR over 1 g (mW/g) = 1.0565

SAR Scan
File : 00100513_ZOOM
Start : 5-Oct-100 01:57:39 pm End : 5-Oct-100 02:08:40 pm
LGE/LG-SD510/0003;848.31MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/43.400/0.900

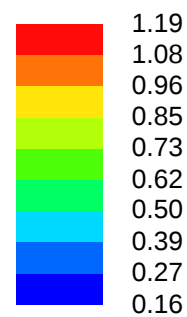
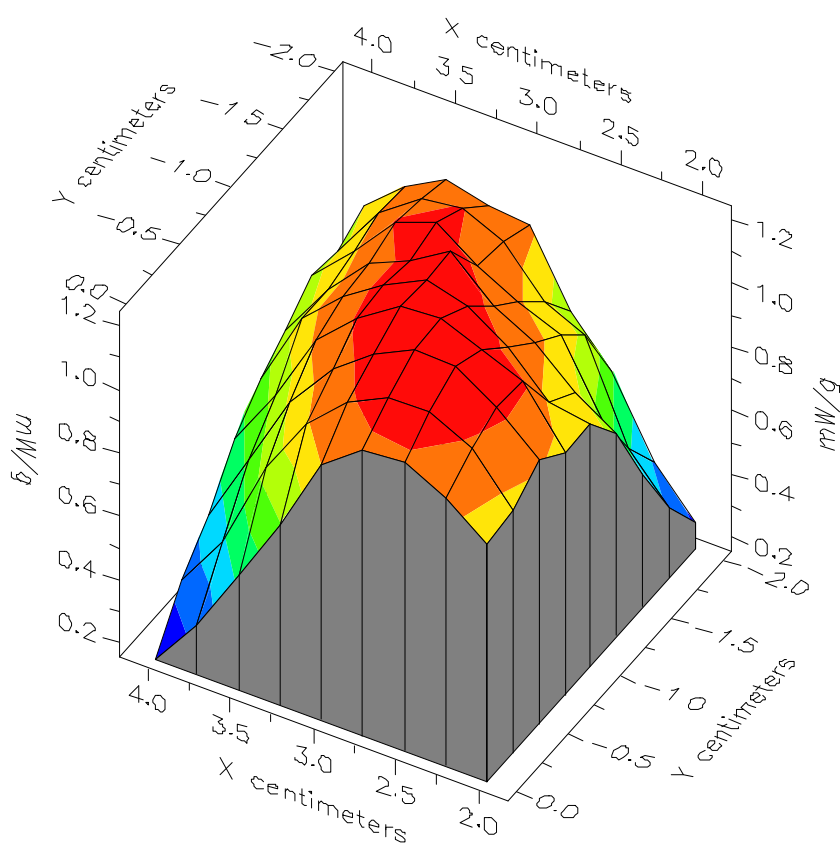


File : 00100513_ZOOM

Start : 5-Oct-100 01:57:39 pm End : 5-Oct-100 02:08:40 pm

LGE/LG-SD510/0003;848.31MHz;W;Helical/Out;

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

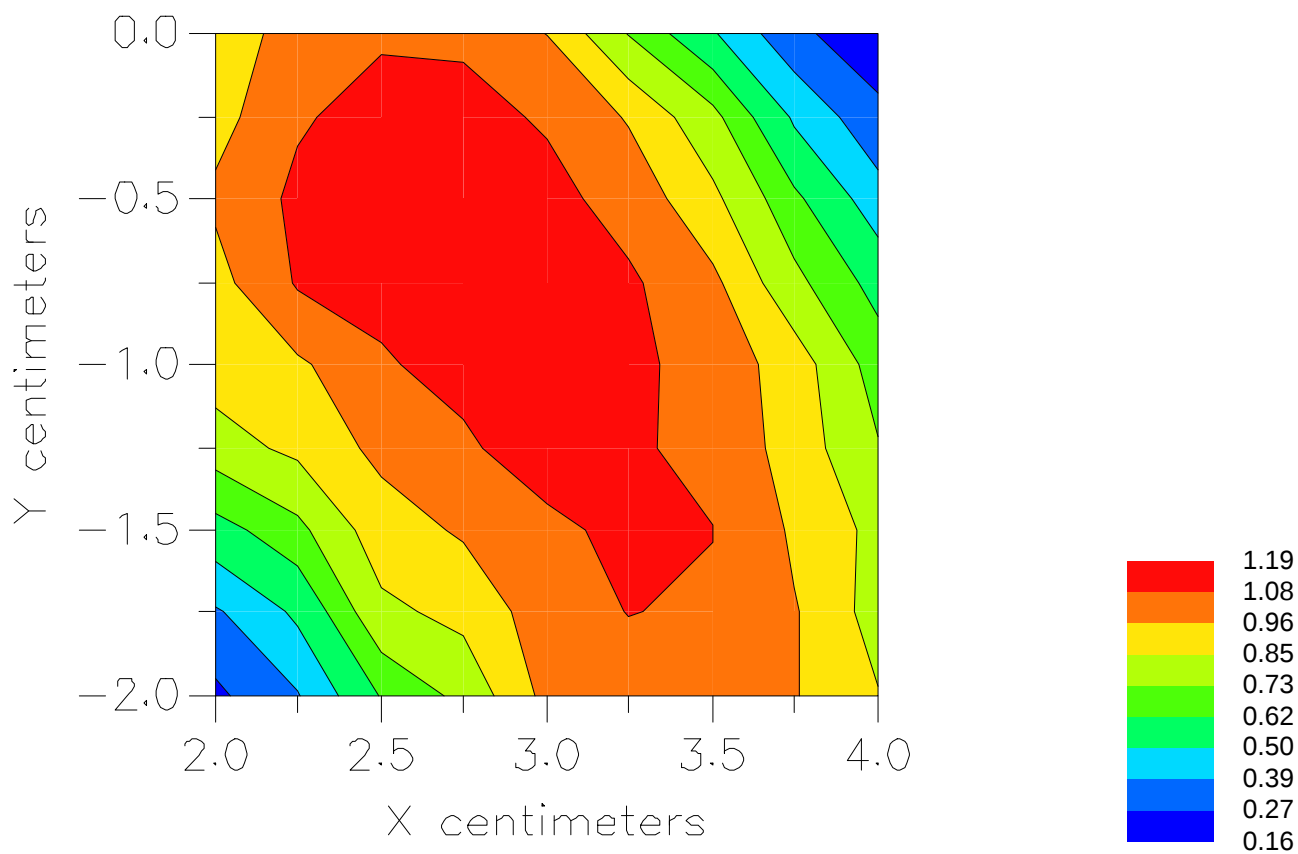


File : 00100513_ZOOM

Start : 5-Oct-100 01:57:39 pm End : 5-Oct-100 02:08:40 pm

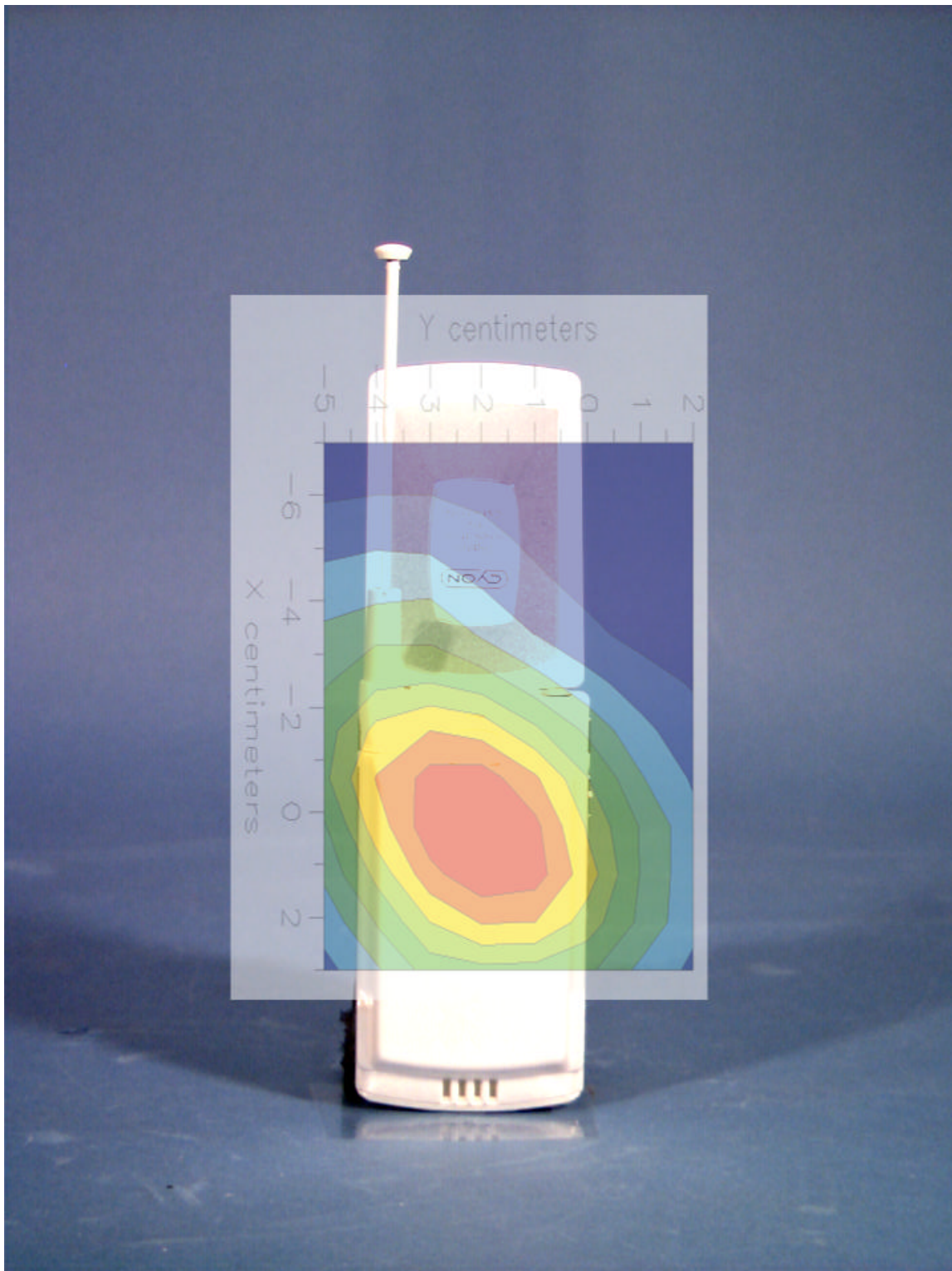
LGE/LG-SD510/0003;848.31MHz;W;Helical/Out;

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



Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100609_ZOOM.VLT
Start : 6-Oct-100 11:43:30 am End : 6-Oct-100 11:54:20 am

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE CDMA
CHAN 1013 Conducted 23.0 dB
LGE SINGLE MODE CDMA

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -2.750, Z = 0.000 (cm) Value = 16.084

Measured Values (volts) =
1.566E-002 1.284E-002 1.062E-002 8.661E-003 7.498E-003 6.664E-003
6.099E-003 5.712E-003 5.274E-003 4.568E-003 3.815E-003 2.929E-003
2.061E-003 1.353E-003 9.039E-004 7.858E-004 9.296E-004 1.260E-003
1.592E-003 1.657E-003 1.274E-003

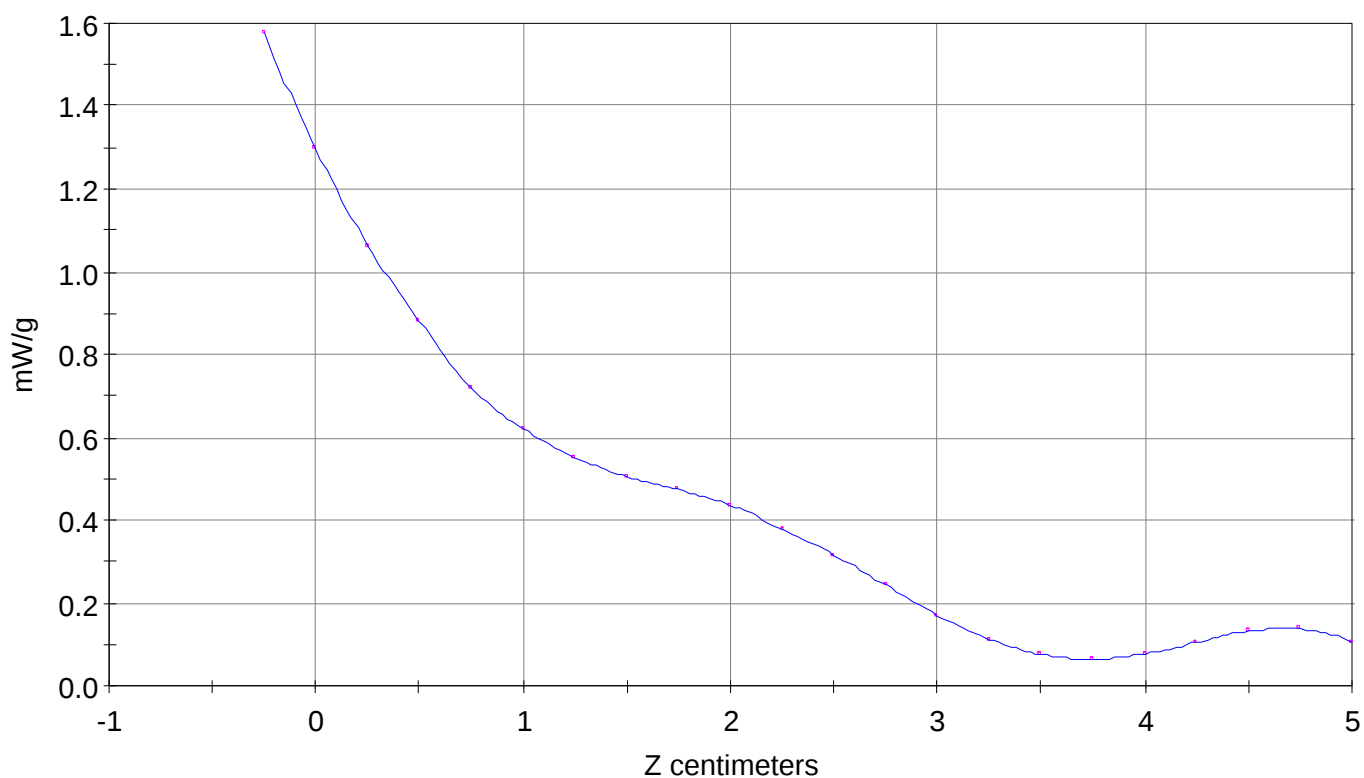
Calc. Voltage @ Surface (Vs) = 0.0190

Voltage @ 1.00 cm (Vt) = 0.0087

Ave. Voltage (Vs+Vt)/2 = 0.0138

Ave. SAR over 1 g (mW/g) = 1.1455

SAR Scan
File : 00100609_ZOOM
Start : 6-Oct-100 11:43:30 am End : 6-Oct-100 11:54:20 am
LGE/LG-SD510/0003;824.70MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

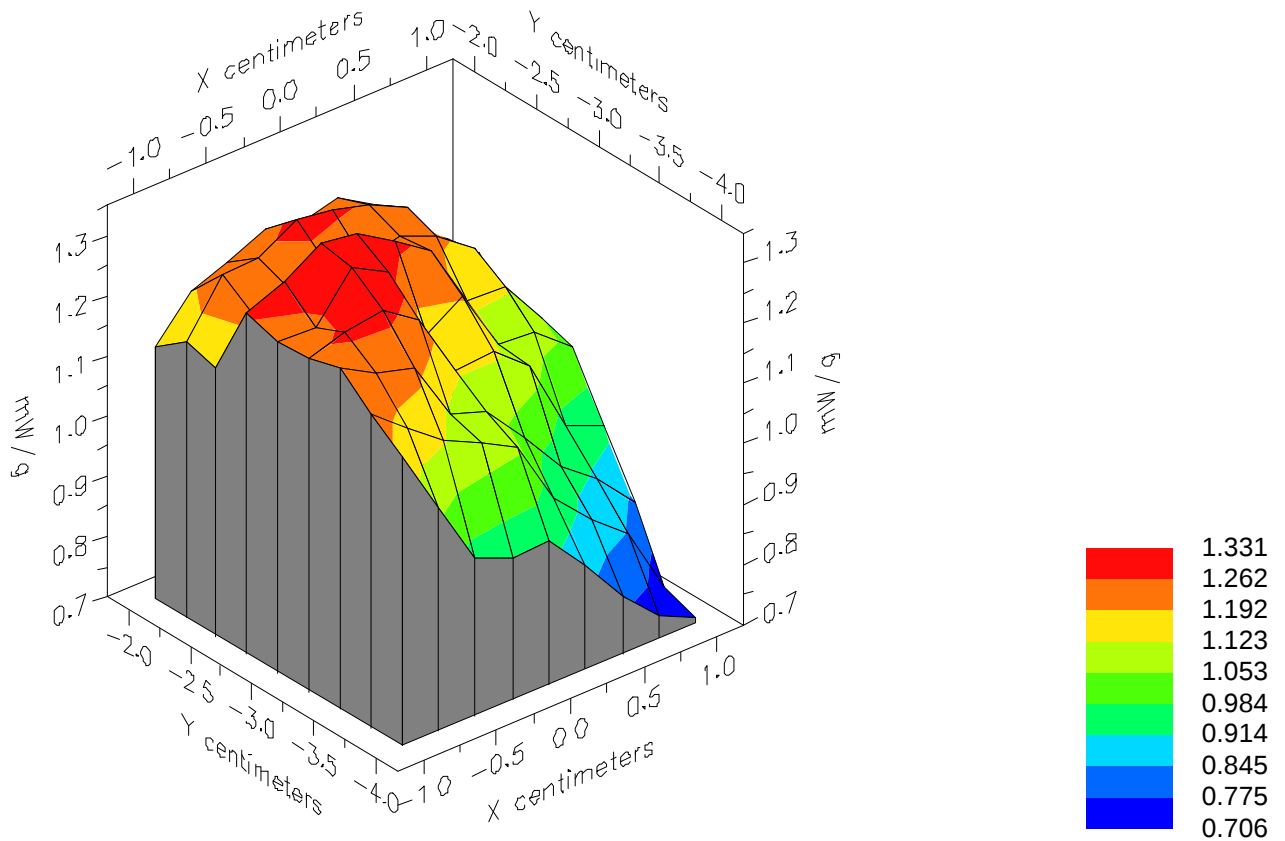


File : 00100609_ZOOM

Start : 6-Oct-100 11:43:30 am End : 6-Oct-100 11:54:20 am

LGE/LG-SD510/0003;824.70MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

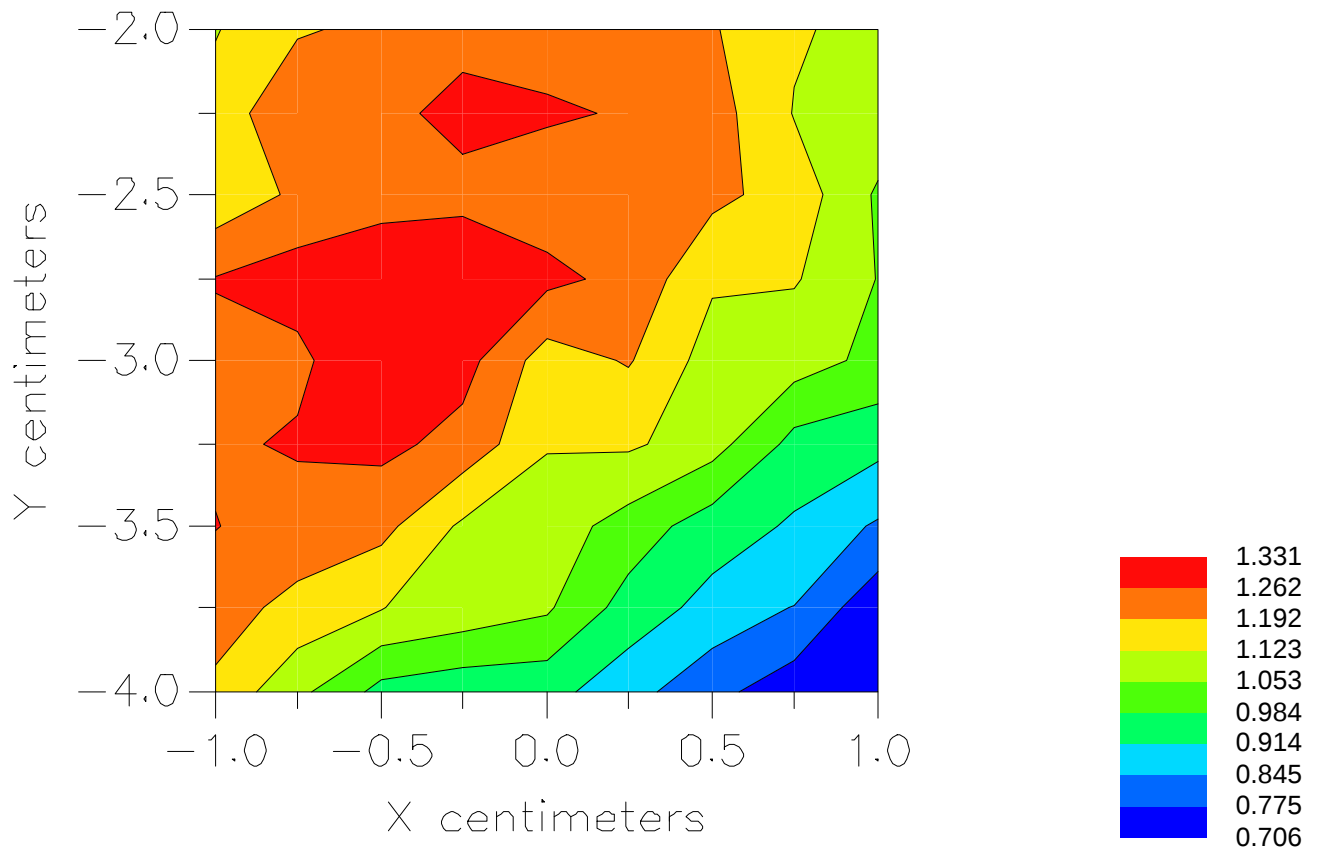


File : 00100609_ZOOM

Start : 6-Oct-100 11:43:30 am End : 6-Oct-100 11:54:20 am

LGE/LG-SD510/0003;824.70MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100607_ZOOM.VLT
Start : 6-Oct-100 11:22:16 am End : 6-Oct-100 11:33:11 am

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE CDMA
CHAN 1013 Conducted 23.0 dB
LGE SINGLE MODE CDMA

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -2.500, Z = 0.000 (cm) Value = 17.487

Measured Values (volts) =
1.720E-002 1.418E-002 1.140E-002 9.333E-003 8.032E-003 7.122E-003
6.606E-003 6.262E-003 5.917E-003 5.444E-003 4.588E-003 3.676E-003
2.718E-003 1.780E-003 1.144E-003 9.172E-004 1.021E-003 1.356E-003
1.803E-003 2.031E-003 1.816E-003

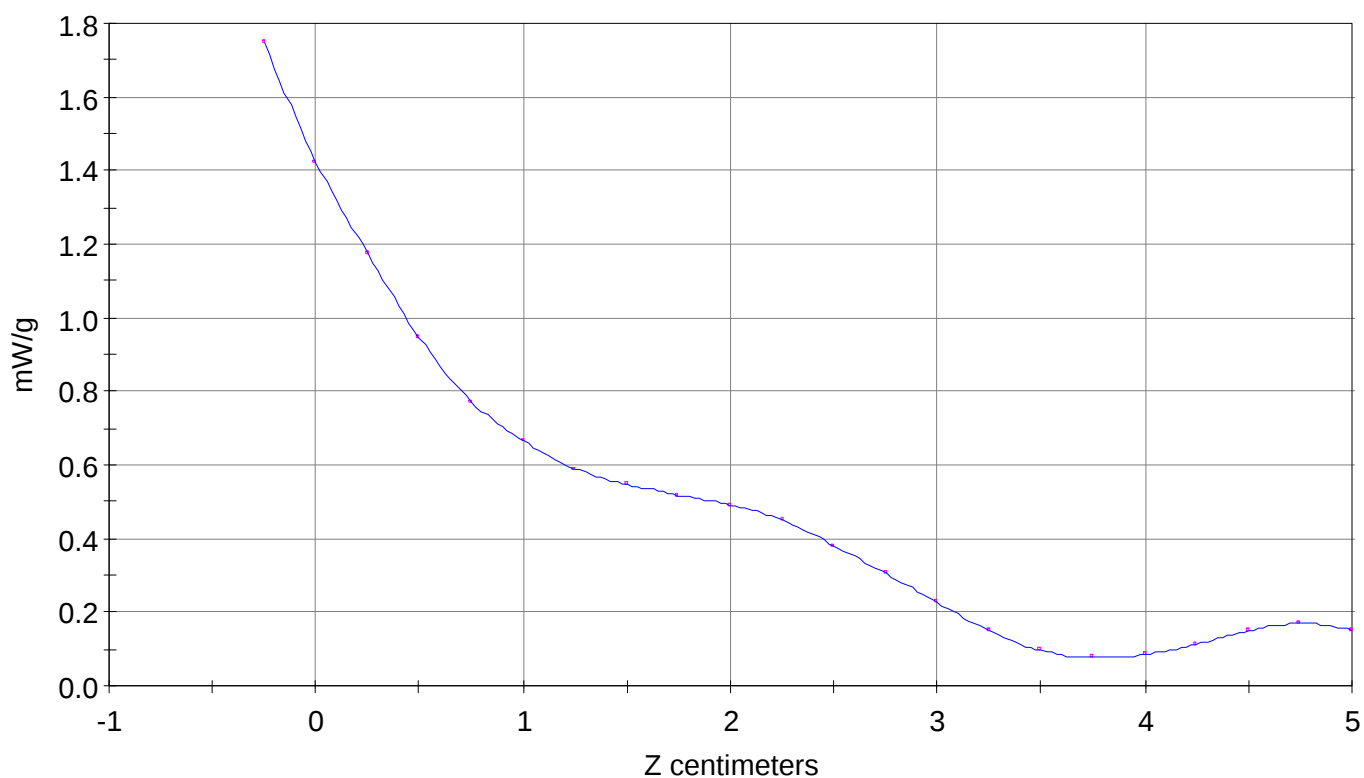
Calc. Voltage @ Surface (Vs) = 0.0211

Voltage @ 1.00 cm (Vt) = 0.0093

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

Ave. SAR over 1 g (mW/g) = 1.2606

SAR Scan
File : 00100607_ZOOM
Start : 6-Oct-100 11:22:16 am End : 6-Oct-100 11:33:11 am
LGE/LG-SD510/0003;824.70MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

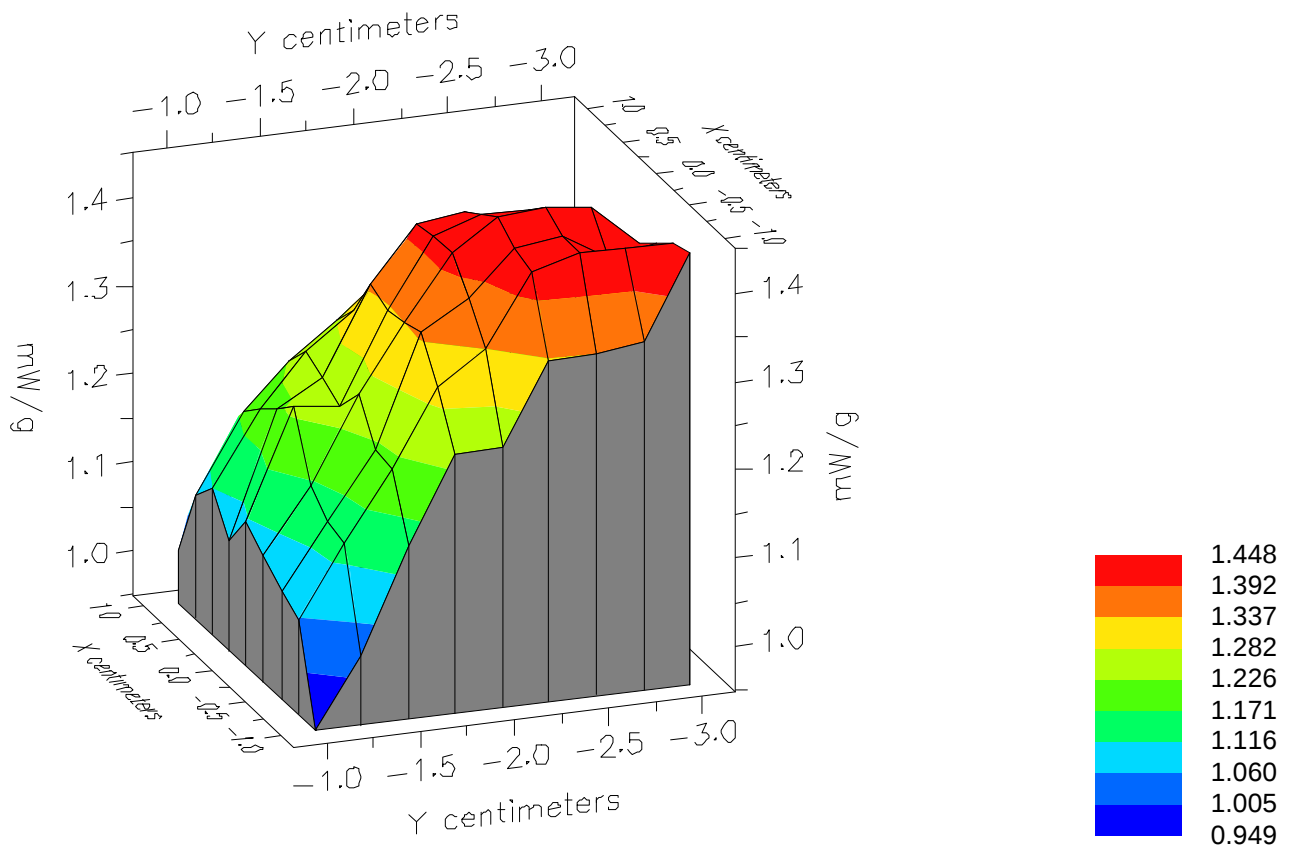


File : 00100607_ZOOM

Start : 6-Oct-100 11:22:16 am End : 6-Oct-100 11:33:11 am

LGE/LG-SD510/0003;824.70MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

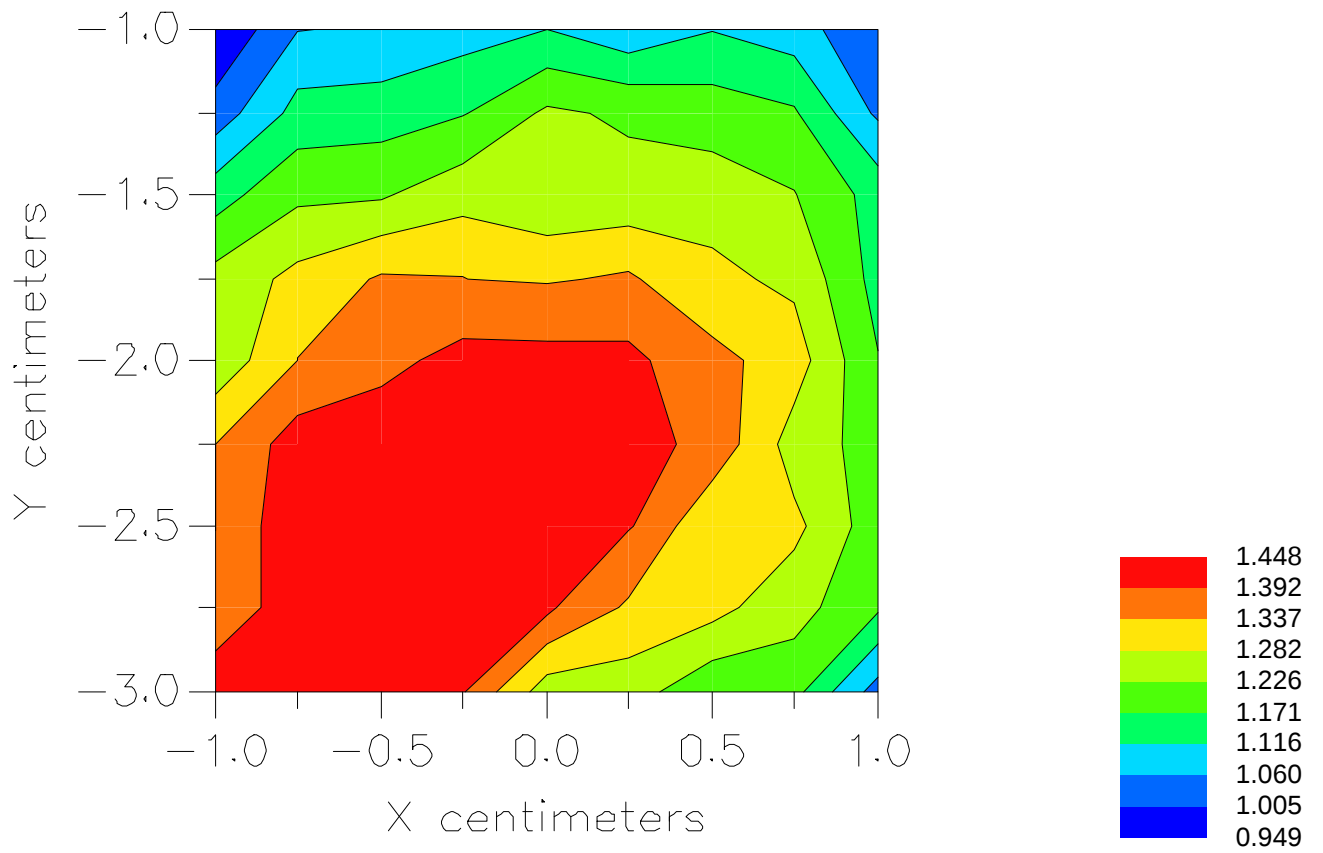


File : 00100607_ZOOM

Start : 6-Oct-100 11:22:16 am End : 6-Oct-100 11:33:11 am

LGE/LG-SD510/0003;824.70MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100615_ZOOM.VLT
Start : 6-Oct-100 03:32:39 pm End : 6-Oct-100 03:40:27 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE CDMA
CHAN 0363 Conducted 23.0 dB
LGE SINGLE MODE CDMA

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -3.000, Z = 0.000 (cm) Value = 11.498

Measured Values (volts) =
1.122E-002 9.390E-003 7.370E-003 6.003E-003 5.127E-003 4.527E-003
4.089E-003 3.818E-003 3.473E-003 3.094E-003 2.544E-003 1.926E-003
1.321E-003 8.600E-004 5.663E-004 5.028E-004 6.785E-004 8.689E-004
1.041E-003 1.047E-003 7.580E-004

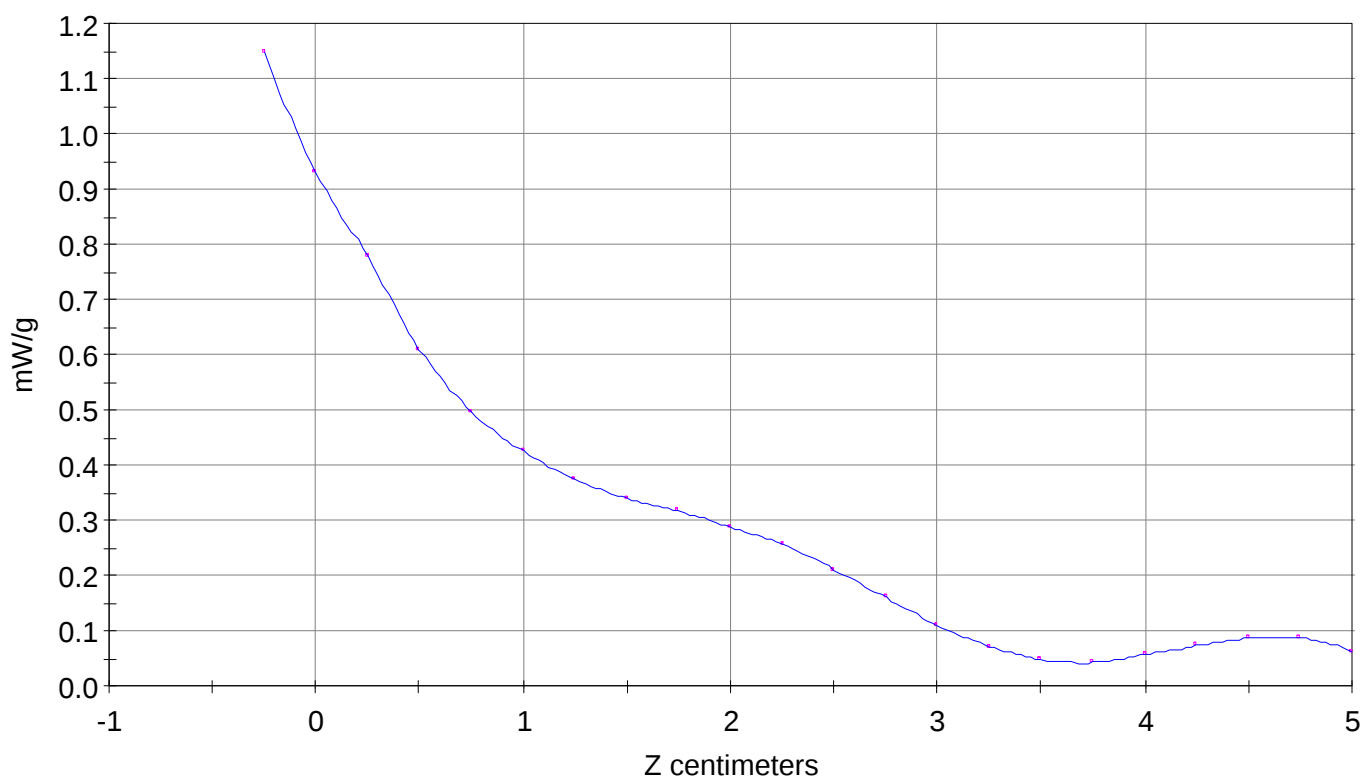
Calc. Voltage @ Surface (Vs) = 0.0139

Voltage @ 1.00 cm (Vt) = 0.0060

Ave. Voltage (Vs+Vt)/2 = 0.0099

Ave. SAR over 1 g (mW/g) = 0.8218

SAR Scan
File : 00100615_ZOOM
Start : 6-Oct-100 03:32:39 pm End : 6-Oct-100 03:40:27 pm
LGE/LG-SD510/0003;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

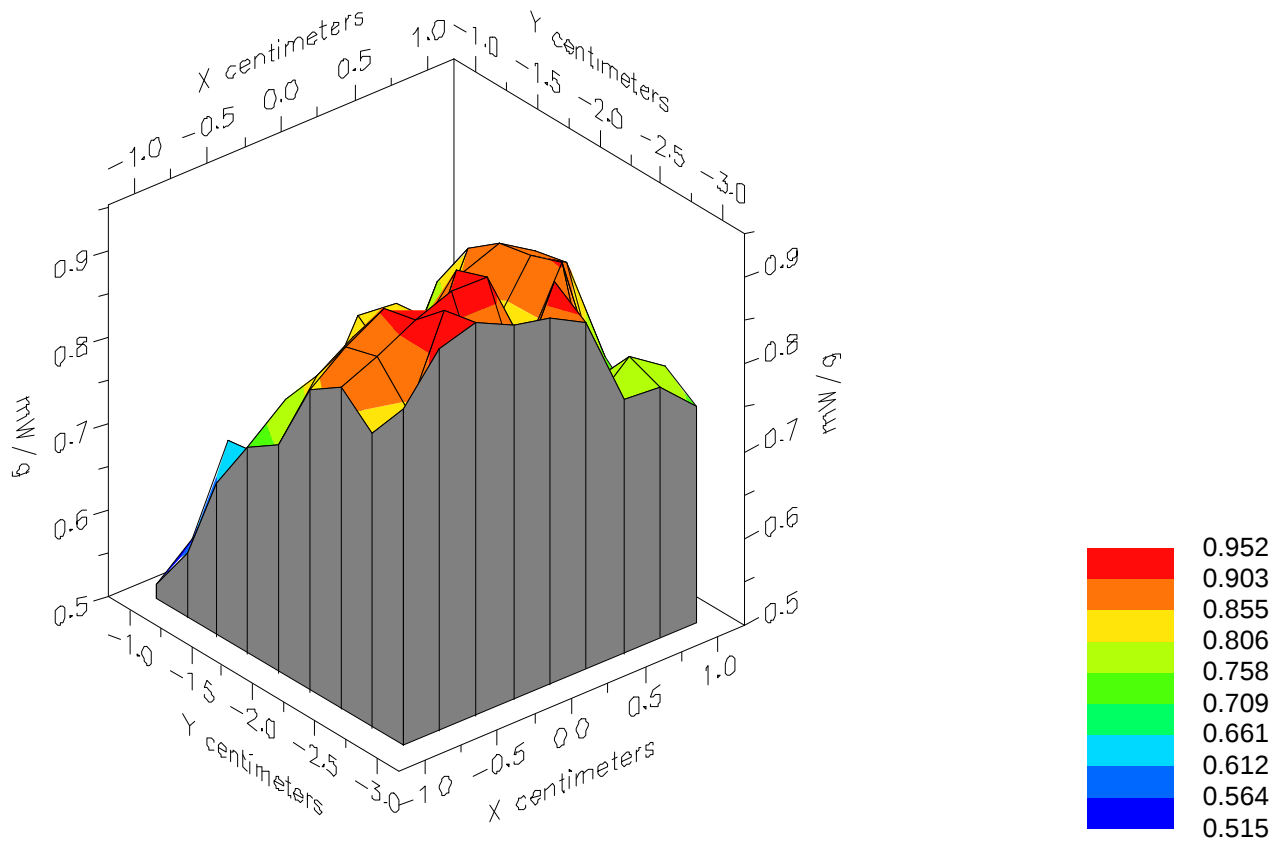


File : 00100615_ZOOM

Start : 6-Oct-100 03:32:39 pm End : 6-Oct-100 03:40:27 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

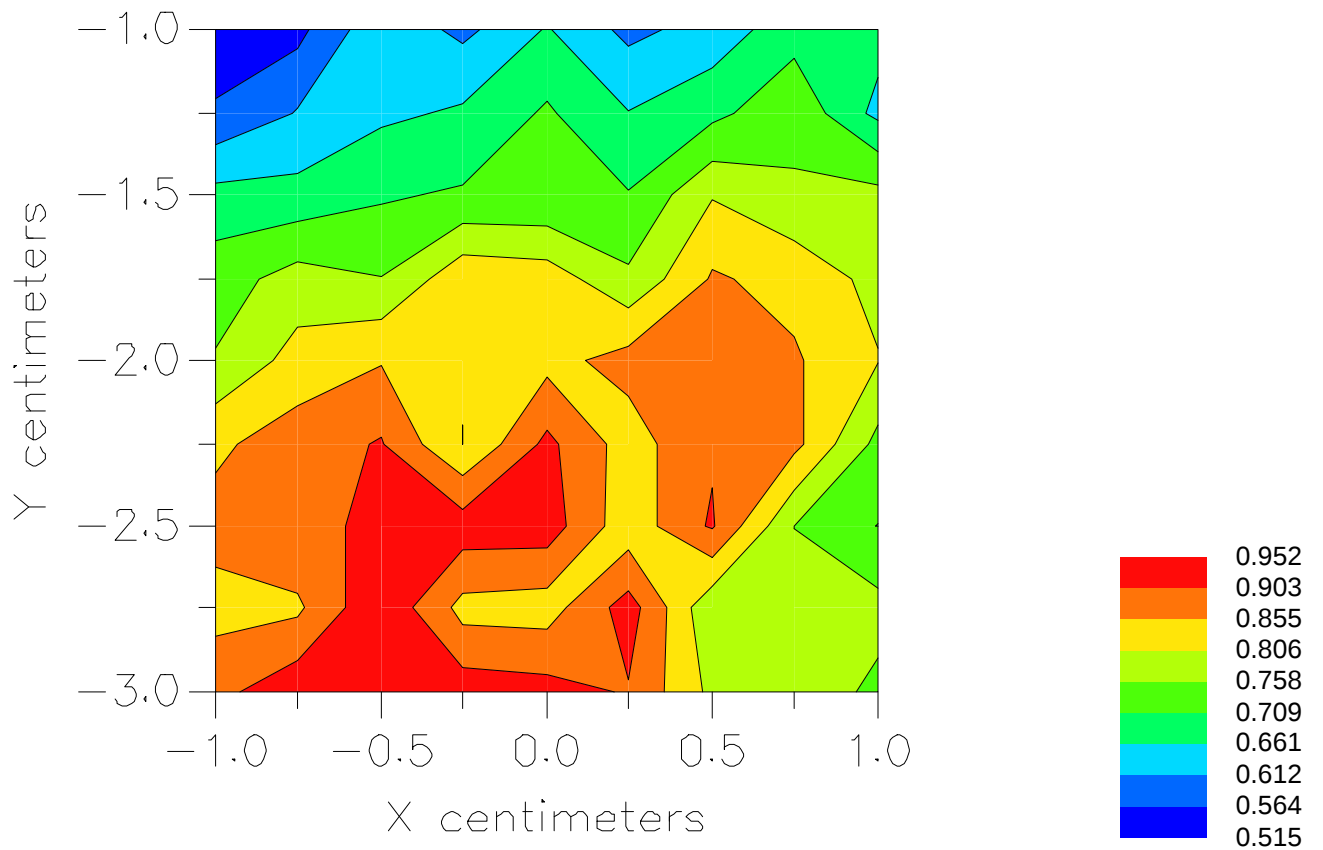


File : 00100615_ZOOM

Start : 6-Oct-100 03:32:39 pm End : 6-Oct-100 03:40:27 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100614_ZOOM.VLT
Start : 6-Oct-100 03:11:51 pm End : 6-Oct-100 03:22:51 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE CDMA
CHAN 0363 Conducted 23.0 dB
LGE SINGLE MODE CDMA

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -2.750, Z = 0.000 (cm) Value = 13.802

Measured Values (volts) =
1.337E-002 1.069E-002 8.660E-003 7.107E-003 6.067E-003 5.318E-003
4.973E-003 4.650E-003 4.320E-003 3.815E-003 3.198E-003 2.515E-003
1.682E-003 1.130E-003 7.234E-004 6.472E-004 8.119E-004 1.116E-003
1.382E-003 1.403E-003 1.111E-003

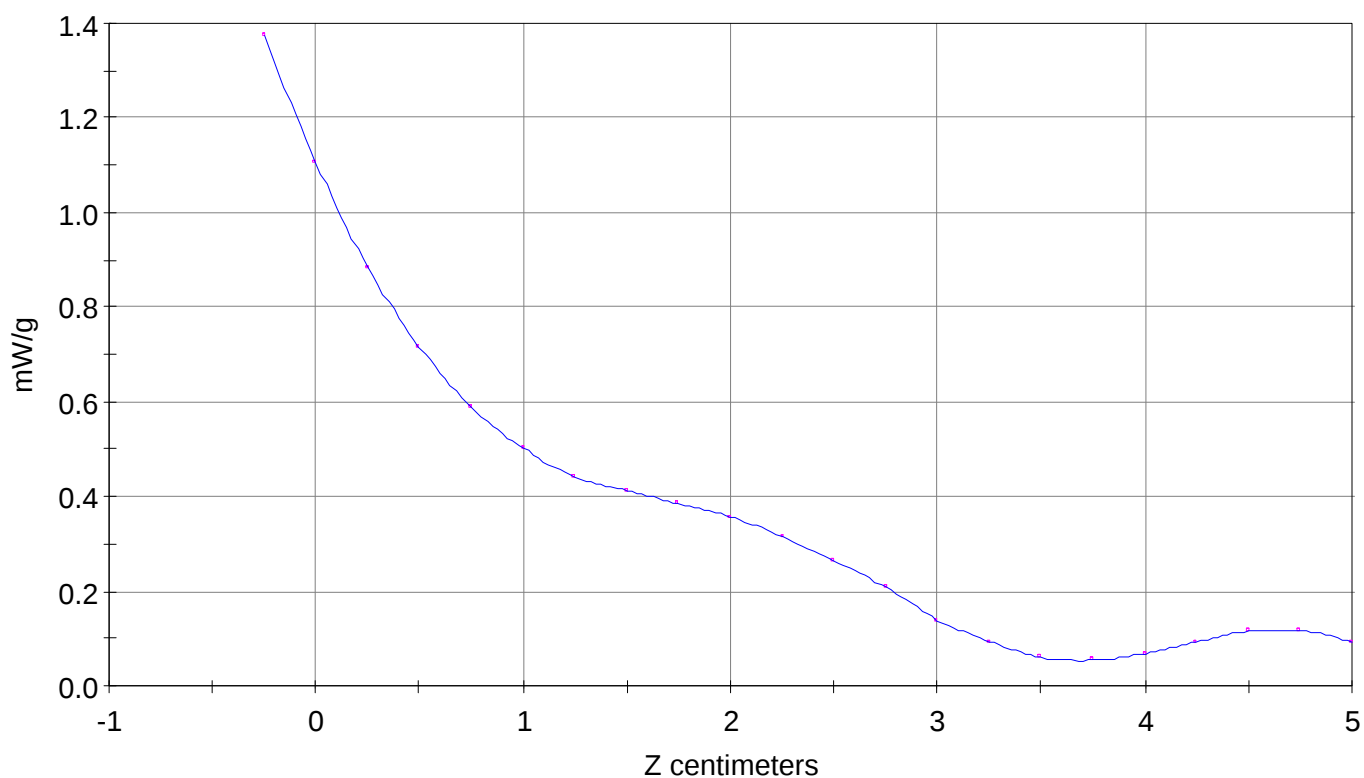
Calc. Voltage @ Surface (Vs) = 0.0166

Voltage @ 1.00 cm (Vt) = 0.0071

Ave. Voltage (Vs+Vt)/2 = 0.0119

Ave. SAR over 1 g (mW/g) = 0.9816

SAR Scan
File : 00100614_ZOOM
Start : 6-Oct-100 03:11:51 pm End : 6-Oct-100 03:22:51 pm
LGE/LG-SD510/0003;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

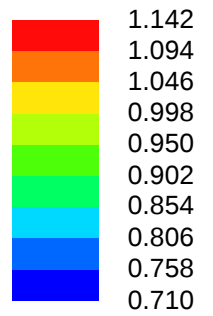
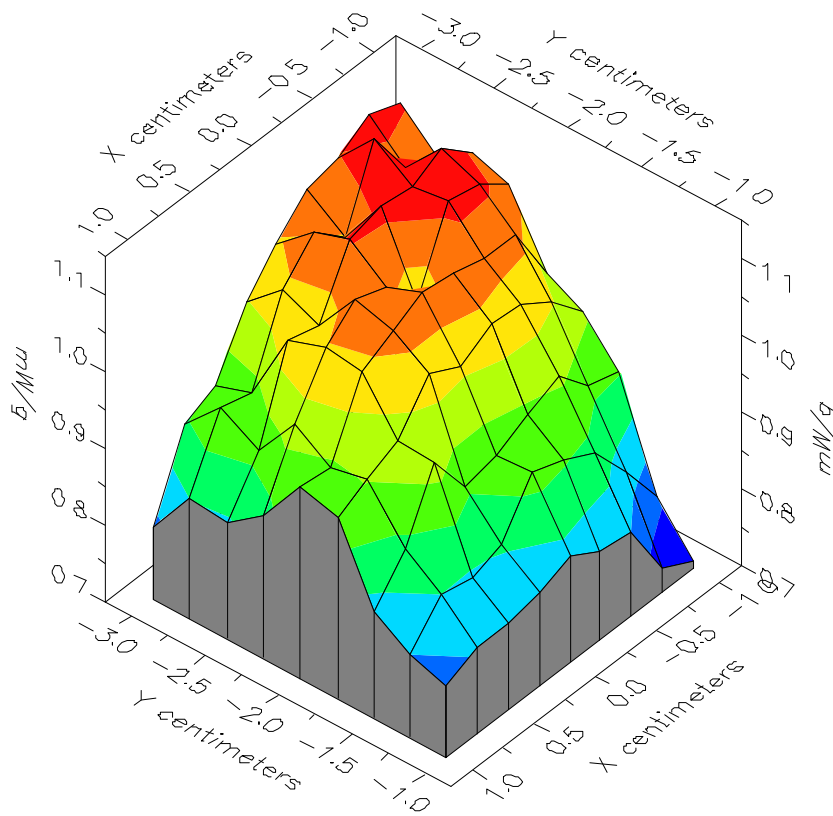


File : 00100614_ZOOM

Start : 6-Oct-100 03:11:51 pm End : 6-Oct-100 03:22:51 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

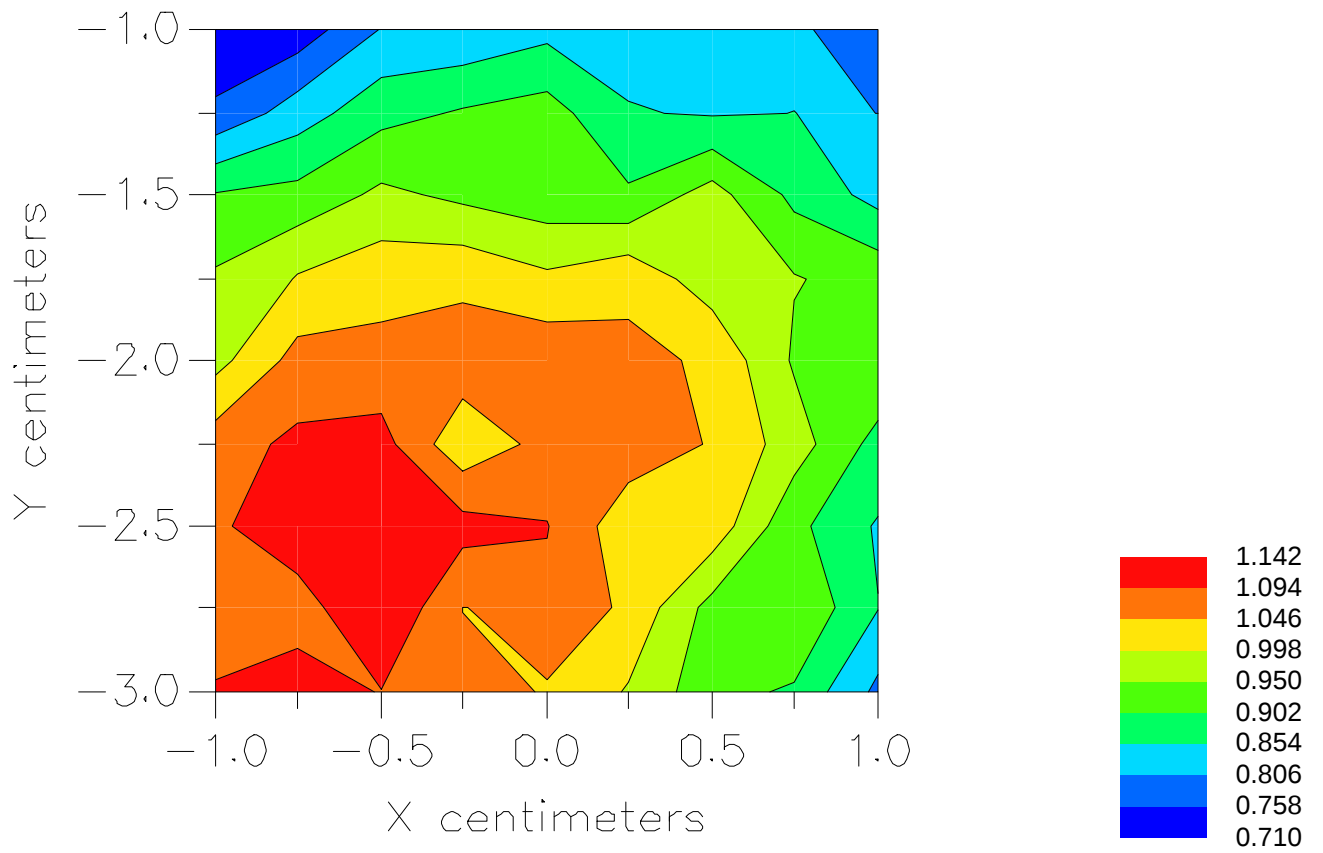


File : 00100614_ZOOM

Start : 6-Oct-100 03:11:51 pm End : 6-Oct-100 03:22:51 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100613_ZOOM.VLT
Start : 6-Oct-100 02:49:18 pm End : 6-Oct-100 03:00:13 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE CDMA
CHAN 0777 Conducted 23.0 dB
LGE SINGLE MODE CDMA

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -2.750, Z = 0.000 (cm) Value = 10.132

Measured Values (volts) =
9.935E-003 8.024E-003 6.437E-003 5.348E-003 4.455E-003 3.936E-003
3.606E-003 3.370E-003 3.068E-003 2.690E-003 2.241E-003 1.713E-003
1.194E-003 7.696E-004 4.974E-004 4.420E-004 5.635E-004 7.194E-004
9.264E-004 9.400E-004 7.416E-004

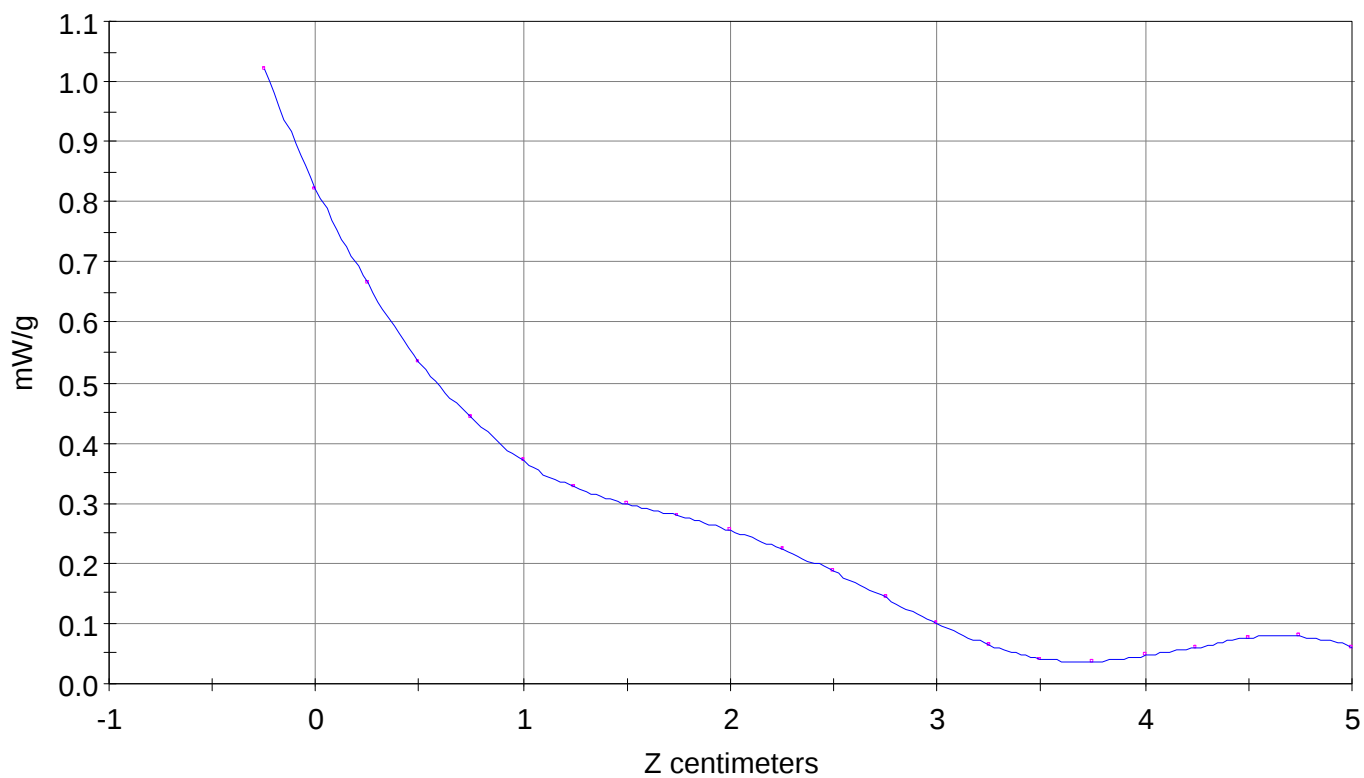
Calc. Voltage @ Surface (Vs) = 0.0123

Voltage @ 1.00 cm (Vt) = 0.0053

Ave. Voltage (Vs+Vt)/2 = 0.0088

Ave. SAR over 1 g (mW/g) = 0.7322

SAR Scan
File : 00100613_ZOOM
Start : 6-Oct-100 02:49:18 pm End : 6-Oct-100 03:00:13 pm
LGE/LG-SD510/0003;848.31MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

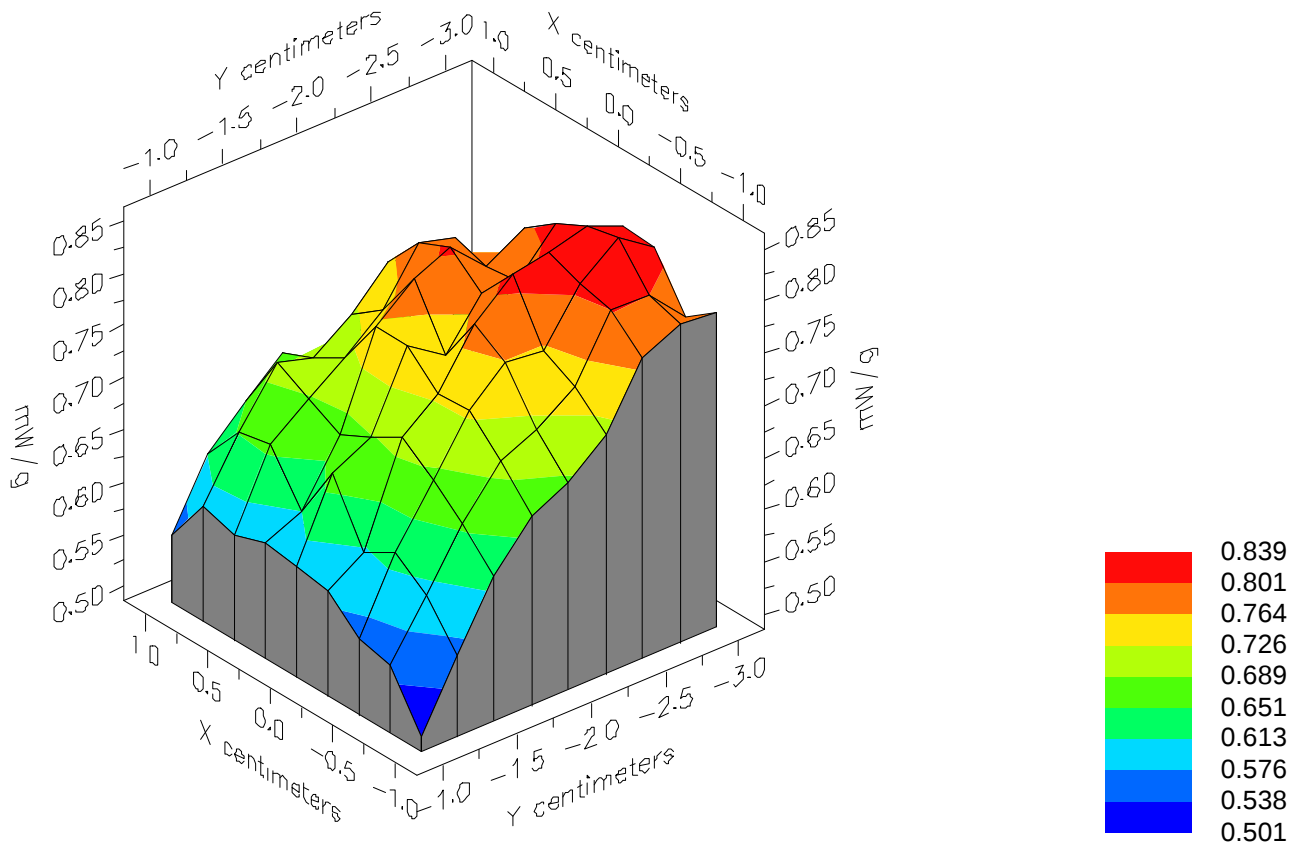


File : 00100613_ZOOM

Start : 6-Oct-100 02:49:18 pm End : 6-Oct-100 03:00:13 pm

LGE/LG-SD510/0003;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

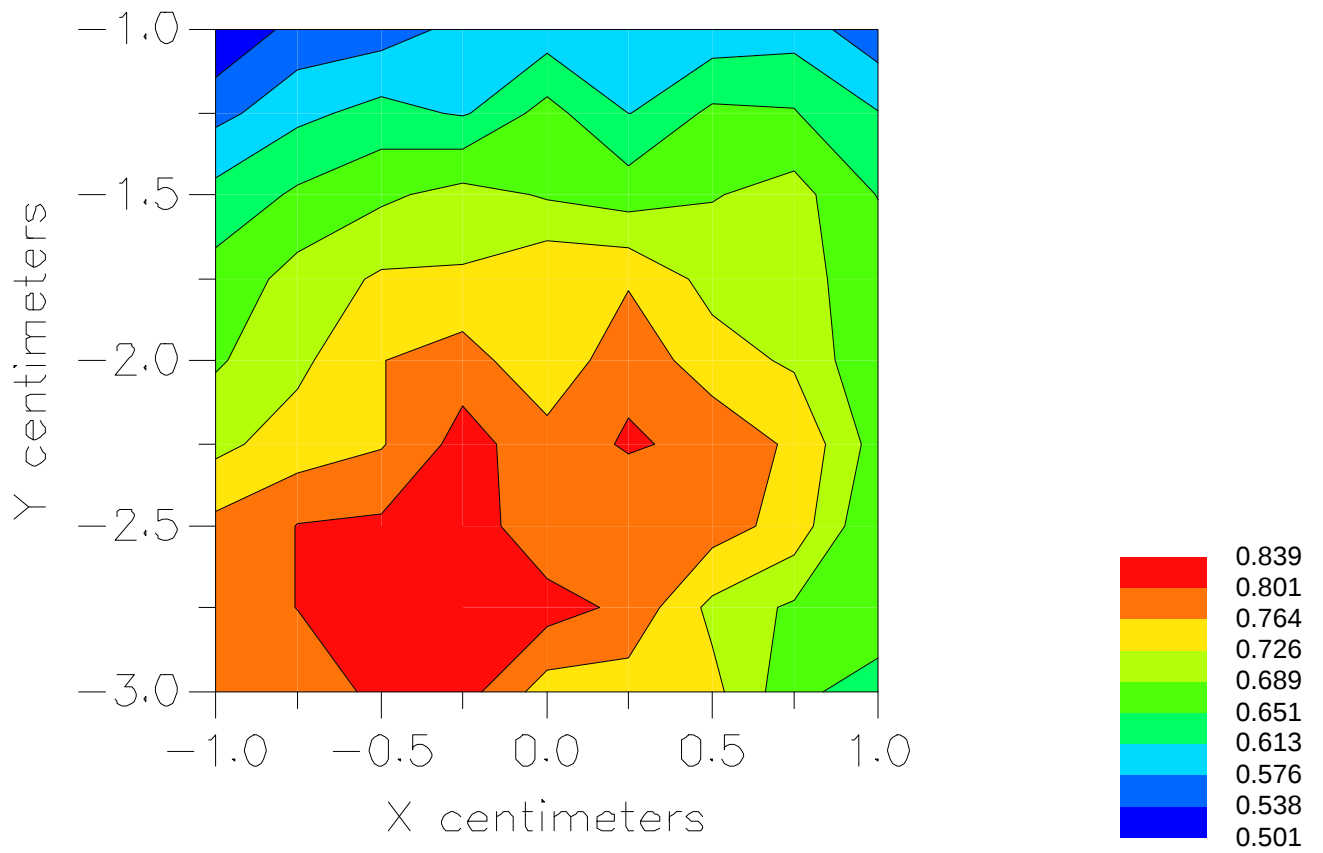


File : 00100613_ZOOM

Start : 6-Oct-100 02:49:18 pm End : 6-Oct-100 03:00:13 pm

LGE/LG-SD510/0003;848.31MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100611_ZOOM.VLT
Start : 6-Oct-100 02:31:10 pm End : 6-Oct-100 02:39:05 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE CDMA
CHAN 0777 Conducted 23.0 dB
LGE SINGLE MODE CDMA

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -3.000, Z = 0.000 (cm) Value = 14.114

Measured Values (volts) =
1.226E-002 9.874E-003 7.795E-003 6.419E-003 5.543E-003 4.944E-003
4.524E-003 4.265E-003 3.984E-003 3.556E-003 2.947E-003 2.147E-003
1.570E-003 9.531E-004 6.818E-004 6.112E-004 7.934E-004 1.008E-003
1.281E-003 1.343E-003 9.734E-004

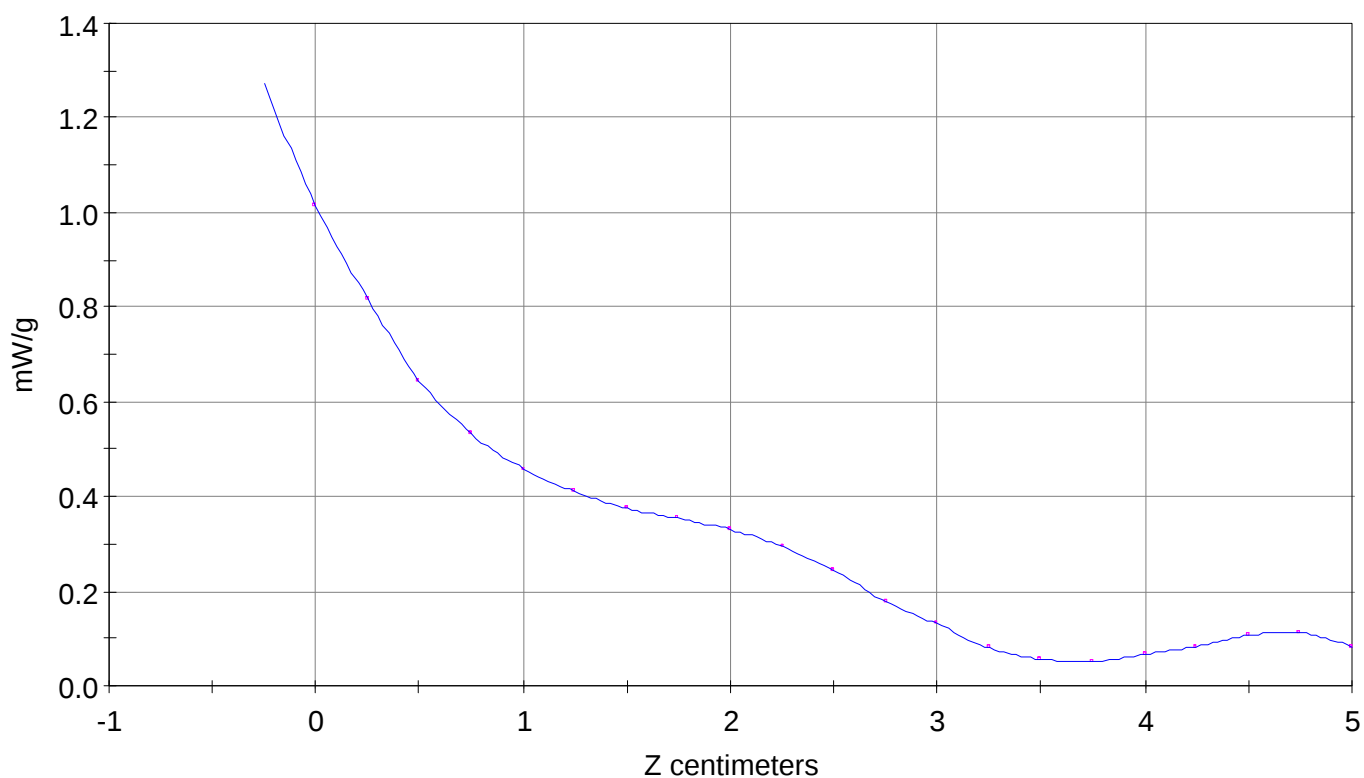
Calc. Voltage @ Surface (Vs) = 0.0154

Voltage @ 1.00 cm (Vt) = 0.0064

Ave. Voltage (Vs+Vt)/2 = 0.0109

Ave. SAR over 1 g (mW/g) = 0.9017

SAR Scan
File : 00100611_ZOOM
Start : 6-Oct-100 02:31:10 pm End : 6-Oct-100 02:39:05 pm
LGE/LG-SD510/0003;848.31MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

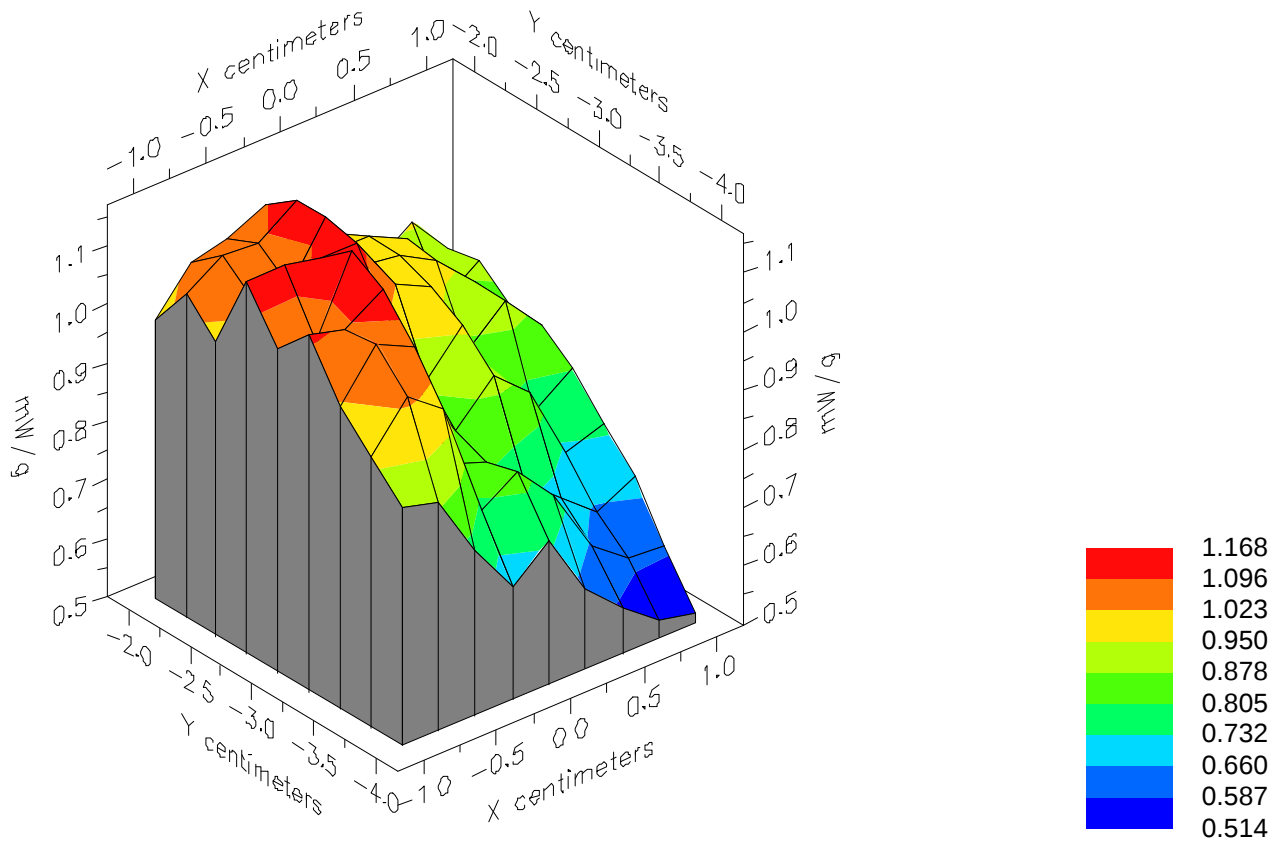


File : 00100611_ZOOM

Start : 6-Oct-100 02:31:10 pm End : 6-Oct-100 02:39:05 pm

LGE/LG-SD510/0003;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

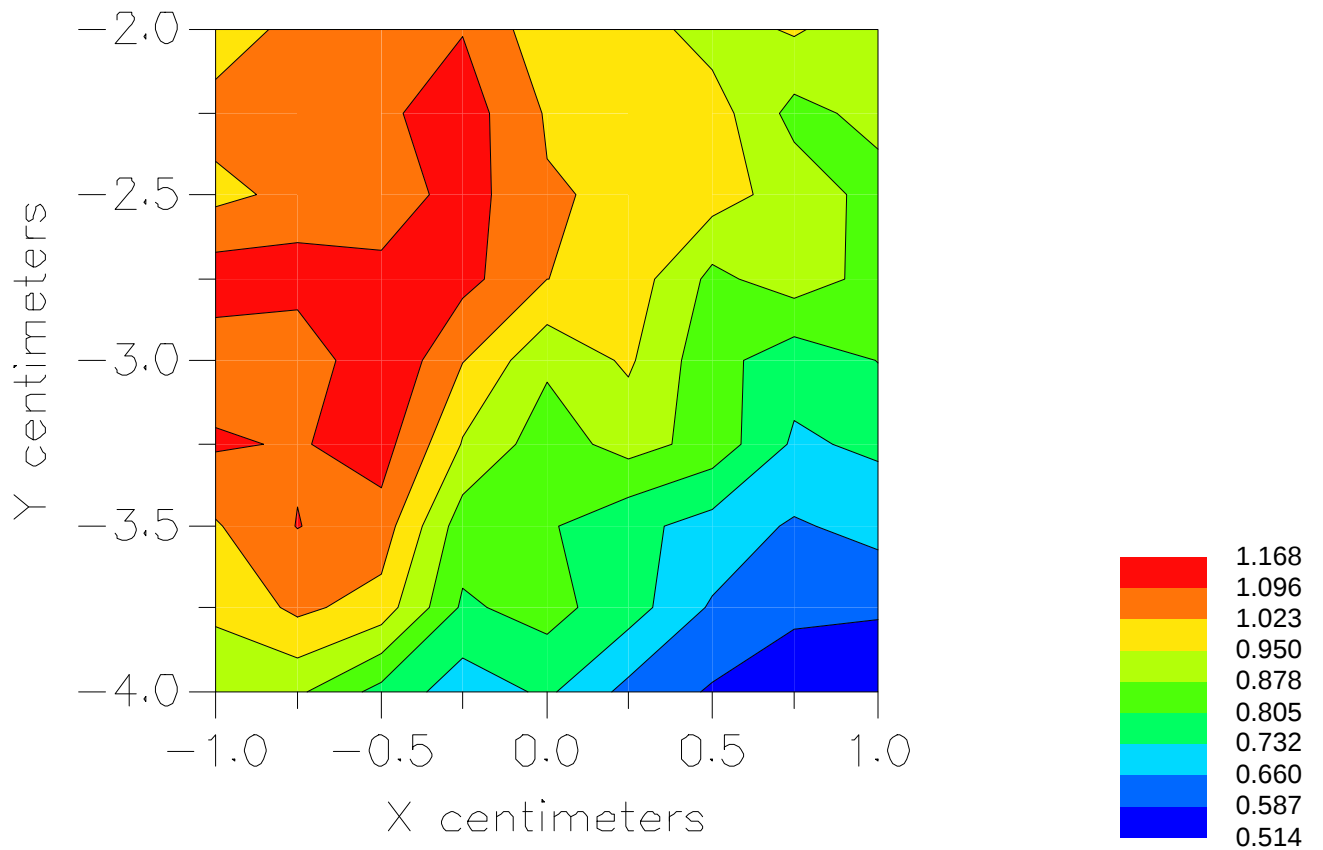


File : 00100611_ZOOM

Start : 6-Oct-100 02:31:10 pm End : 6-Oct-100 02:39:05 pm

LGE/LG-SD510/0003;848.31MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100905_SAR.VLT
Start : 9-Oct-100 12:58:58 pm End : 9-Oct-100 01:05:22 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR 10g
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE CDMA
CHAN 0363 Conducted 23.0 dB
LGE SINGLE MODE CDMA - HAND SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -0.750, Z = 0.000 (cm) Value = 24.059

Ave. SAR over 10 g (mW/g) = 0.8936

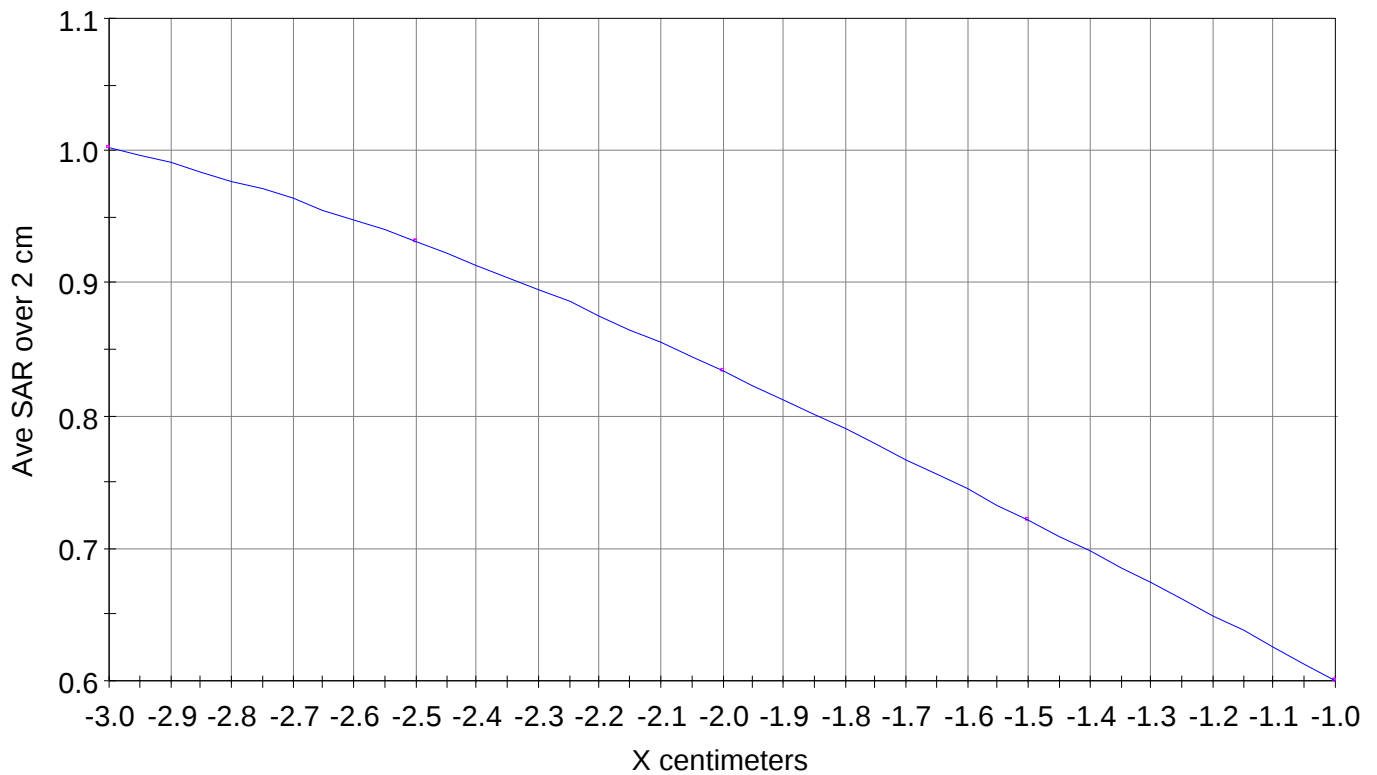
X-Z Plane Slice Y=-0.750

File : 00100905_SAR

Start : 9-Oct-100 12:58:58 pm End : 9-Oct-100 01:05:22 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

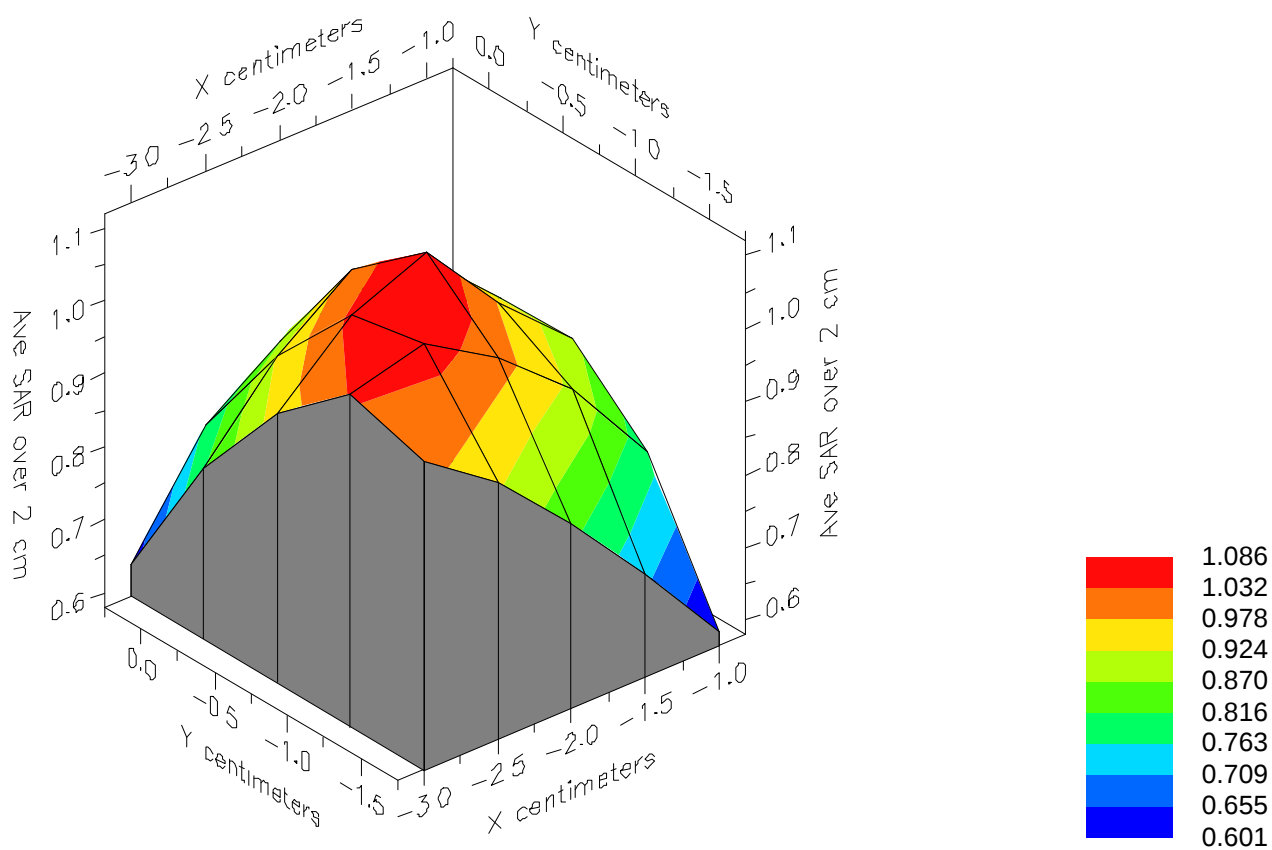


File : 00100905_SAR

Start : 9-Oct-100 12:58:58 pm End : 9-Oct-100 01:05:22 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

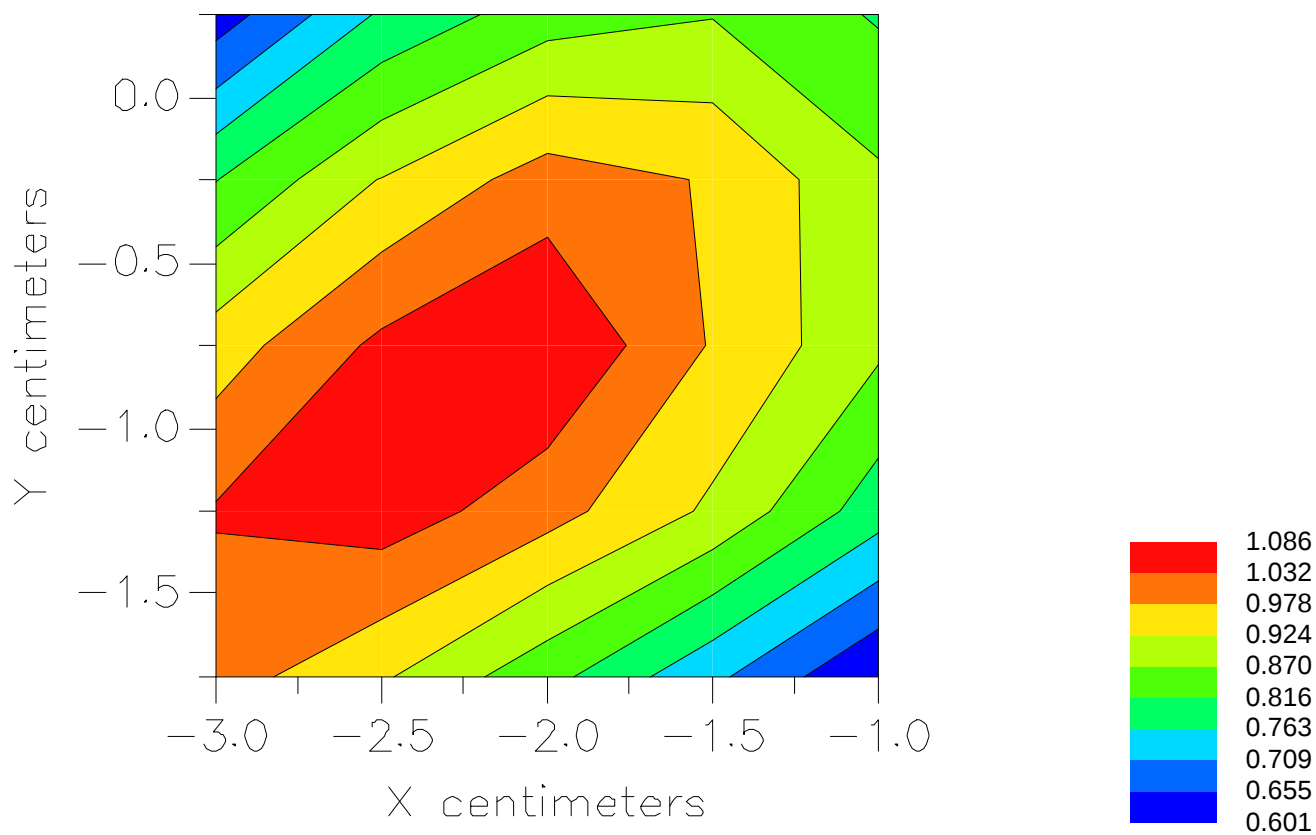


File : 00100905_SAR

Start : 9-Oct-100 12:58:58 pm End : 9-Oct-100 01:05:22 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00100904_SAR.VLT
Start : 9-Oct-100 12:28:32 pm End : 9-Oct-100 12:34:56 pm

Radio Type : LGE
Model Number : LG-SD510
Serial Number : 0003
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.200 W
Start Trans. Pwr: 0.200 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR 10g
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGE SINGLE MODE CDMA
CHAN 0363 Conducted 23.0 dB
LGE SINGLE MODE CDMA - HAND SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.250, Y = -0.250, Z = 0.000 (cm) Value = 22.043

Ave. SAR over 10 g (mW/g) = 0.8542

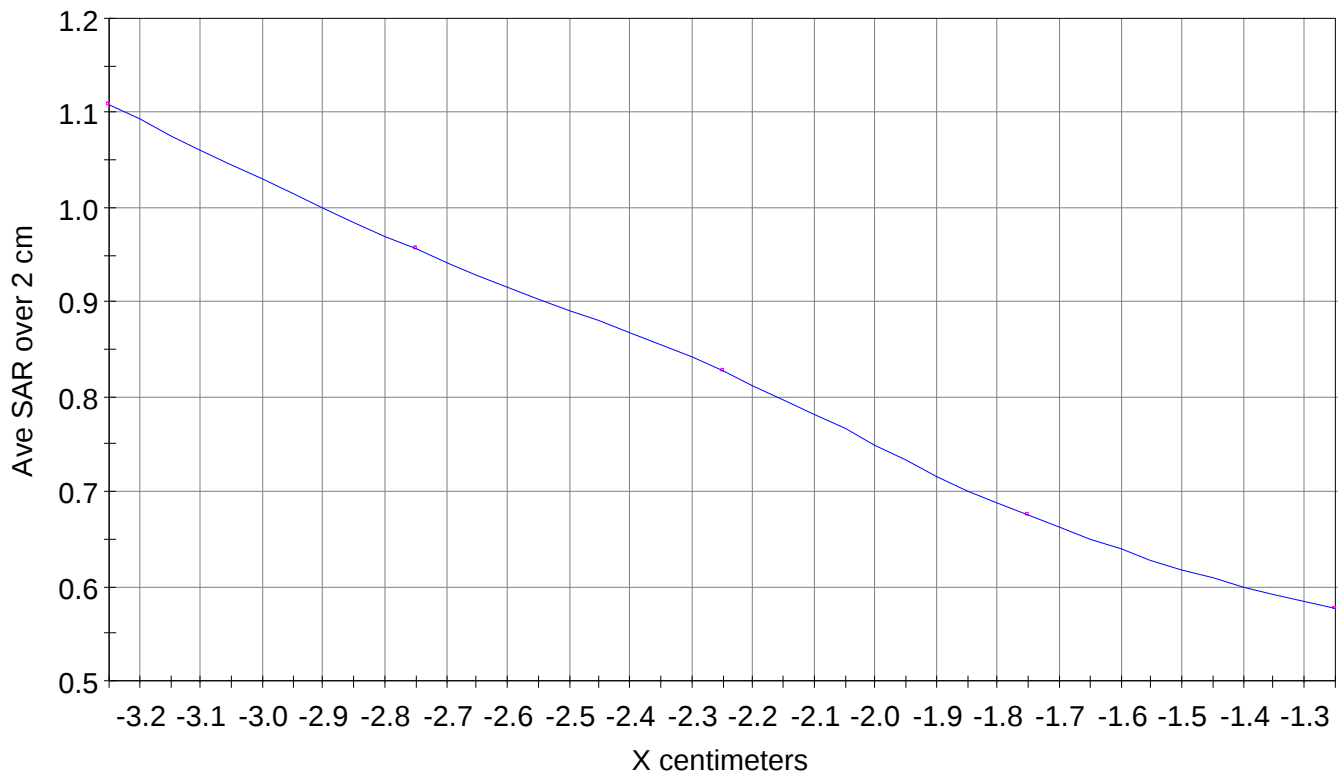
X-Z Plane Slice Y=-0.250

File : 00100904_SAR

Start : 9-Oct-100 12:28:32 pm End : 9-Oct-100 12:34:56 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

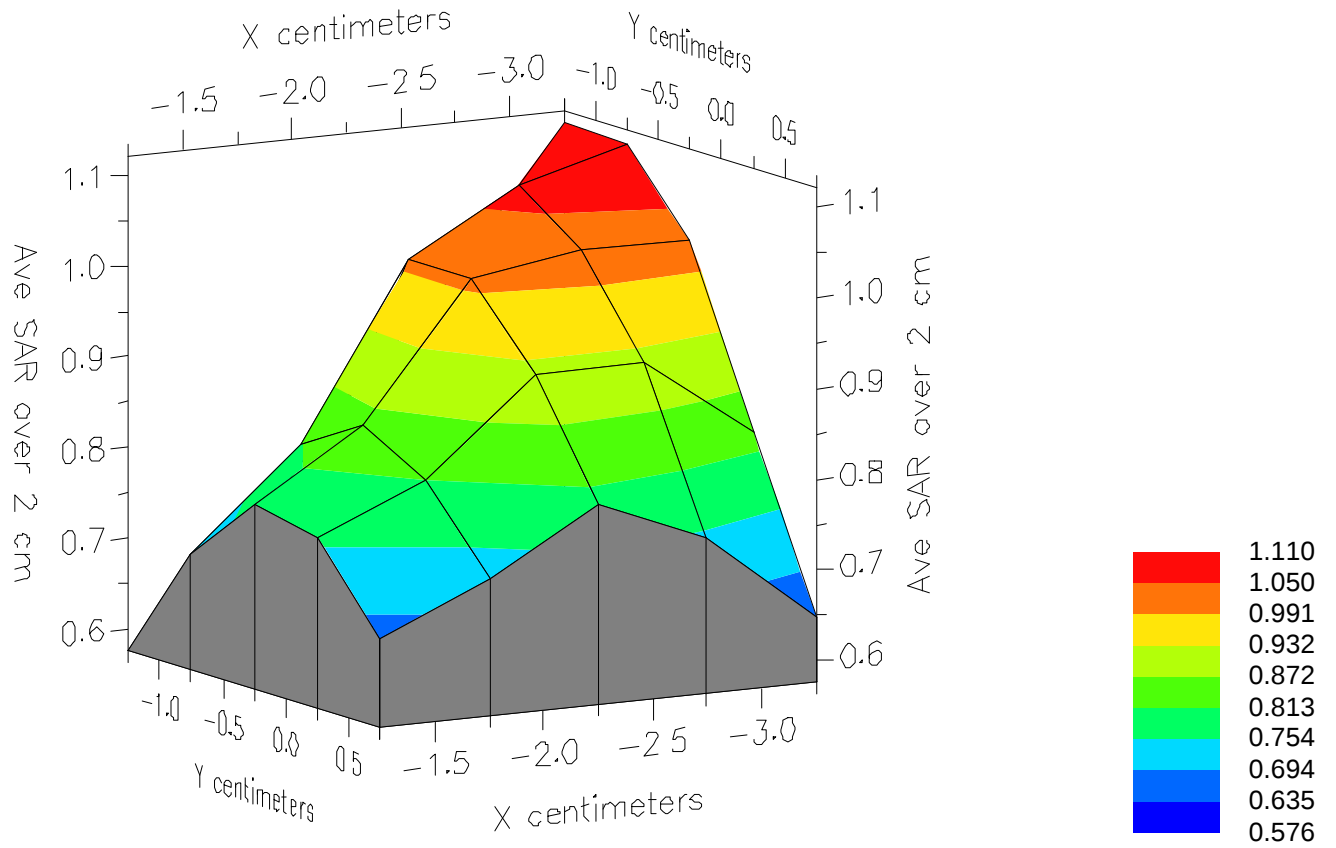


File : 00100904_SAR

Start : 9-Oct-100 12:28:32 pm End : 9-Oct-100 12:34:56 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : 00100904_SAR

Start : 9-Oct-100 12:28:32 pm End : 9-Oct-100 12:34:56 pm

LGE/LG-SD510/0003;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR 10g;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

