

Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01120310_ZOOM.VLT
Start : 3-Dec-101 02:06:47 pm End : 3-Dec-101 02:16:46 pm

Radio Type : LGE
Model Number : LSP-340
Serial Number : 19
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.310 W
Start Trans. Pwr: 0.310 W
Antenna Type : Helical
Antenna Posn. : Internal
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 56.100
Mixture Conductivity = 0.950

Comment :
LGE CDMA WLL TELEPHONE
CH 1013 Conducted 24.9 dBm
LGE CDMA WLL TELEPHONE

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.423

PCTEST Amplifier Channel Settings : 0.239 0.278 0.294

Max Location : X = 3.500, Y = -2.000, Z = 0.000 (cm) Value = 38.530

Measured Values (volts) =
3.739E-002 3.008E-002 2.603E-002 2.311E-002 1.968E-002 1.767E-002
1.512E-002 1.367E-002 1.211E-002 1.088E-002 9.813E-003 8.967E-003
7.540E-003 7.314E-003 6.293E-003 6.232E-003 5.546E-003 5.171E-003
4.799E-003 4.412E-003 4.241E-003

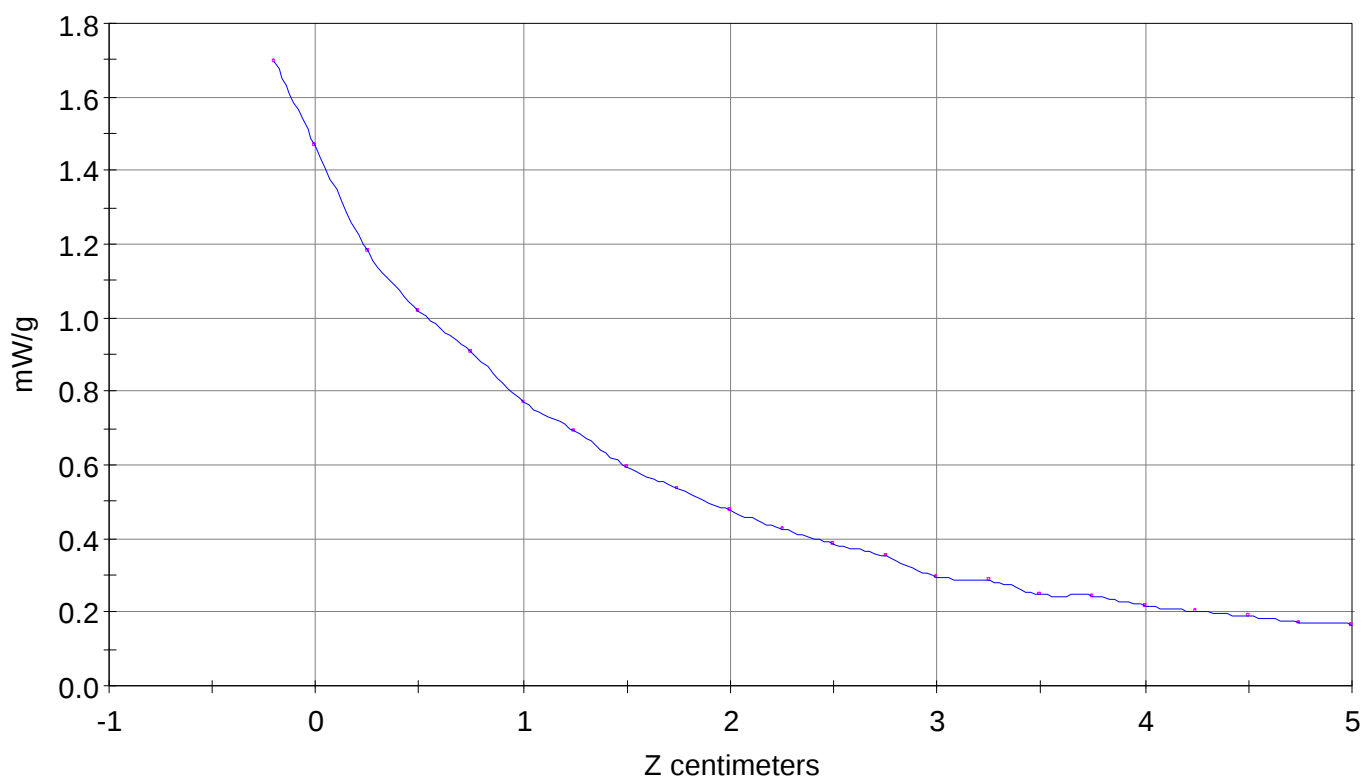
Calc. Voltage @ Surface (Vs) = 0.0433

Voltage @ 1.00 cm (Vt) = 0.0224

Ave. Voltage (Vs+Vt)/2 = 0.0328

Ave. SAR over 1 g (mW/g) = 1.2861

SAR Scan
File : 01120310_ZOOM
Start : 3-Dec-101 02:06:47 pm End : 3-Dec-101 02:16:46 pm
LGE/LSP-340/19;824.70MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

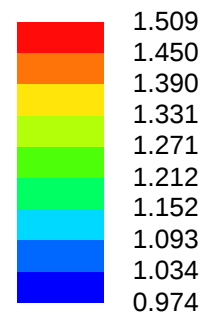
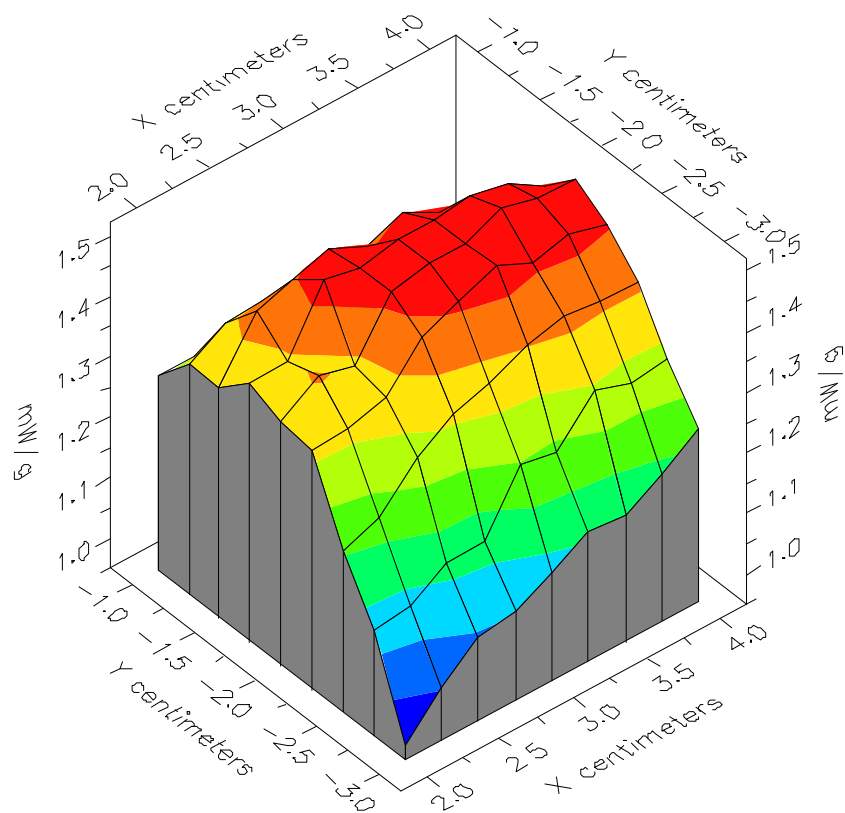


File : 01120310_ZOOM

Start : 3-Dec-101 02:06:47 pm End : 3-Dec-101 02:16:46 pm

LGE/LSP-340/19;824.70MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

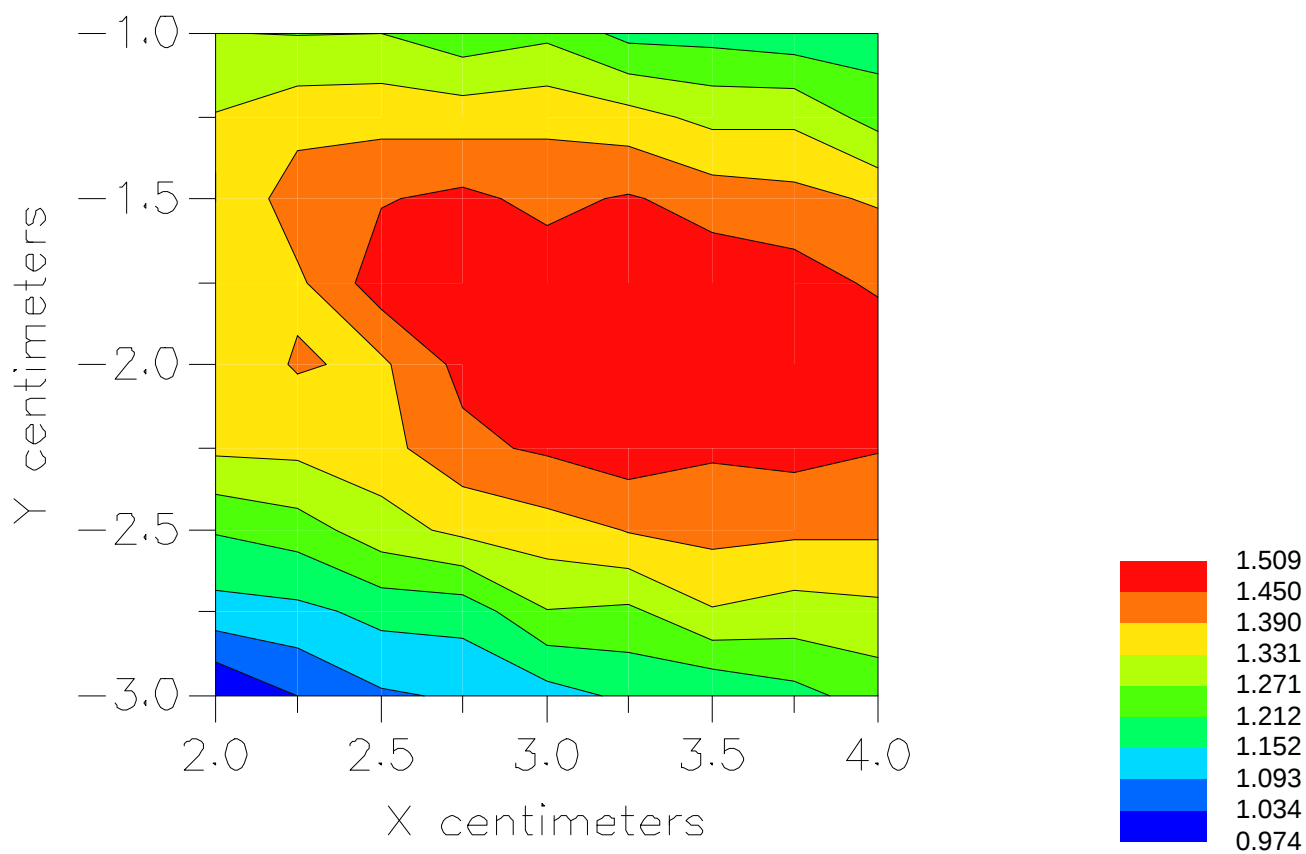


File : 01120310_ZOOM

Start : 3-Dec-101 02:06:47 pm End : 3-Dec-101 02:16:46 pm

LGE/LSP-340/19;824.70MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01120311_ZOOM.VLT
Start : 3-Dec-101 02:18:39 pm End : 3-Dec-101 02:28:37 pm

Radio Type : LGE
Model Number : LSP-340
Serial Number : 19
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.310 W
Start Trans. Pwr: 0.310 W
Antenna Type : Helical
Antenna Posn. : Internal
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 56.100
Mixture Conductivity = 0.950

Comment :
LGE CDMA WLL TELEPHONE
CH 0363 Conducted 24.9 dBm
LGE CDMA WLL TELEPHONE

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.423

PCTEST Amplifier Channel Settings : 0.239 0.278 0.294

Max Location : X = 2.500, Y = -1.750, Z = 0.000 (cm) Value = 33.149

Measured Values (volts) =
3.115E-002 2.515E-002 2.192E-002 1.961E-002 1.681E-002 1.520E-002
1.323E-002 1.181E-002 1.064E-002 9.438E-003 8.458E-003 7.684E-003
7.225E-003 6.820E-003 6.219E-003 5.823E-003 5.036E-003 4.534E-003
4.089E-003 4.106E-003 4.416E-003

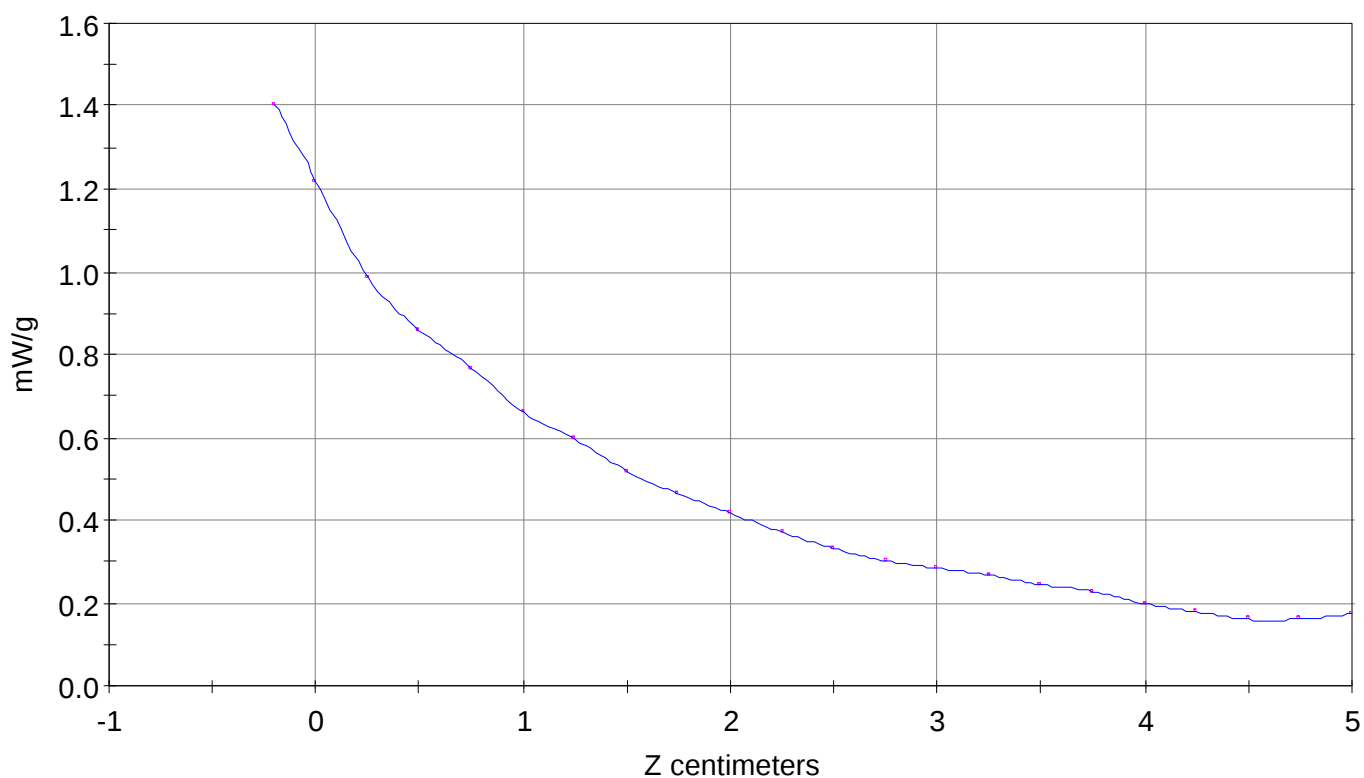
Calc. Voltage @ Surface (Vs) = 0.0359

Voltage @ 1.00 cm (Vt) = 0.0191

Ave. Voltage (Vs+Vt)/2 = 0.0275

Ave. SAR over 1 g (mW/g) = 1.0755

SAR Scan
File : 01120311_ZOOM
Start : 3-Dec-101 02:18:39 pm End : 3-Dec-101 02:28:37 pm
LGE/LSP-340/19;835.89MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

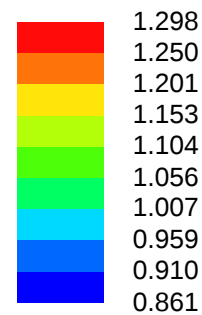
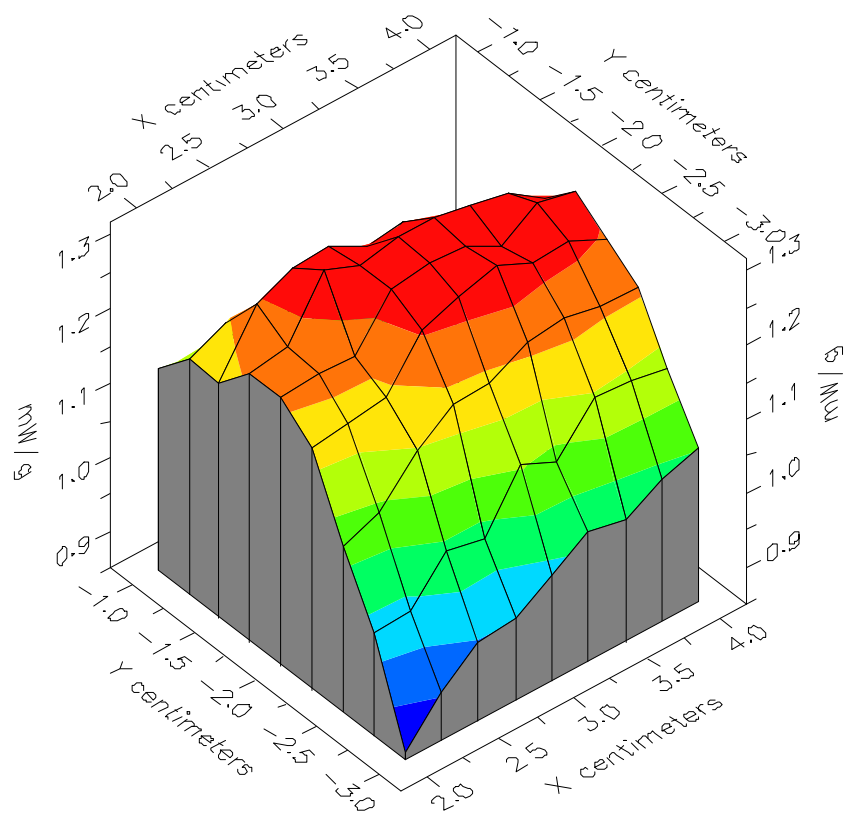


File : 01120311_ZOOM

Start : 3-Dec-101 02:18:39 pm End : 3-Dec-101 02:28:37 pm

LGE/LSP-340/19;835.89MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

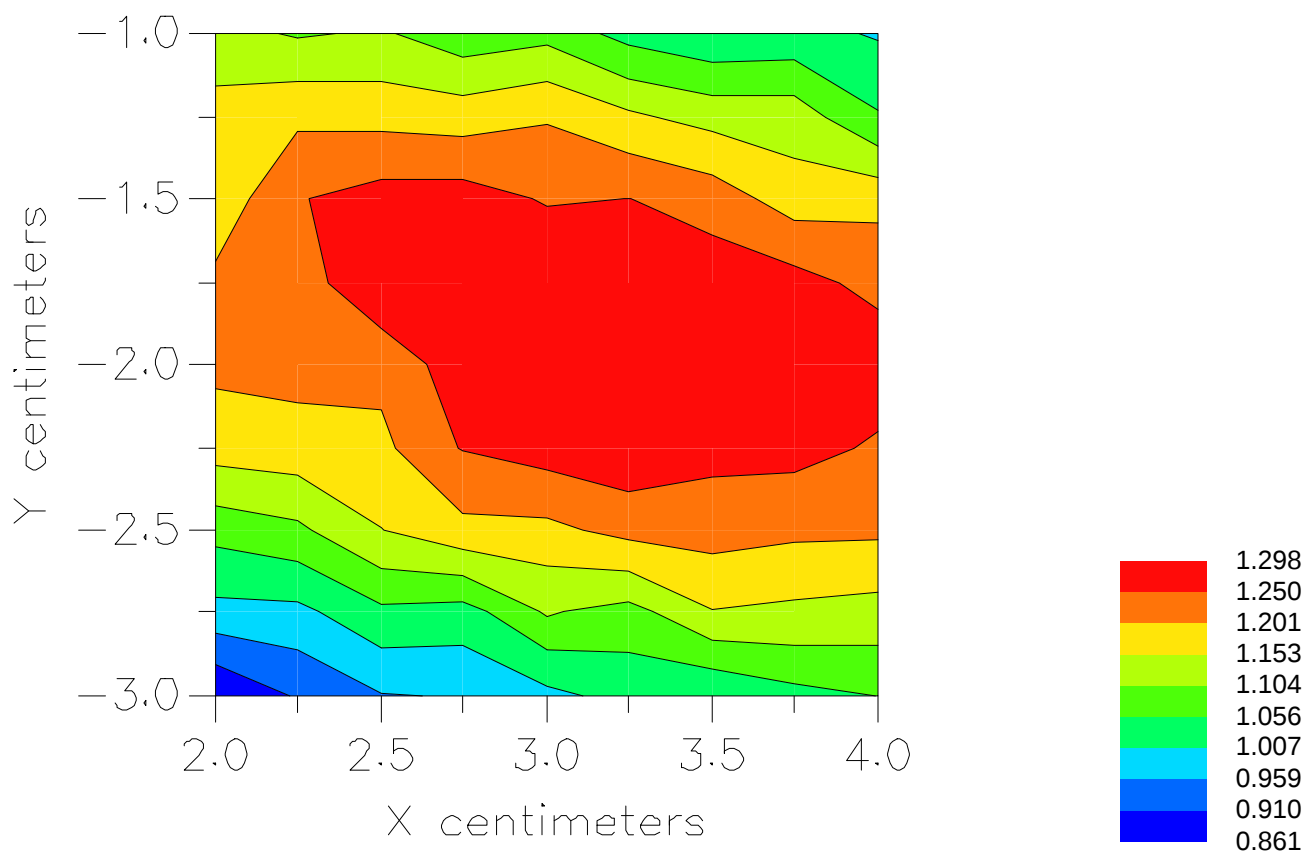


File : 01120311_ZOOM

Start : 3-Dec-101 02:18:39 pm End : 3-Dec-101 02:28:37 pm

LGE/LSP-340/19;835.89MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01120313_ZOOM.VLT
Start : 3-Dec-101 02:41:02 pm End : 3-Dec-101 02:51:02 pm

Radio Type : LGE
Model Number : LSP-340
Serial Number : 19
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.310 W
Start Trans. Pwr: 0.310 W
Antenna Type : Helical
Antenna Posn. : Internal
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 56.100
Mixture Conductivity = 0.950

Comment :
LGE CDMA WLL TELEPHONE
CH 0777 Conducted 24.9 dBm
LGE CDMA WLL TELEPHONE

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.423

PCTEST Amplifier Channel Settings : 0.239 0.278 0.294

Max Location : X = 3.000, Y = -2.000, Z = 0.000 (cm) Value = 29.958

Measured Values (volts) =
3.044E-002 2.514E-002 2.125E-002 1.865E-002 1.615E-002 1.451E-002
1.311E-002 1.096E-002 1.048E-002 8.782E-003 8.501E-003 6.779E-003
6.605E-003 6.263E-003 5.835E-003 5.316E-003 5.238E-003 4.621E-003
4.690E-003 4.137E-003 4.149E-003

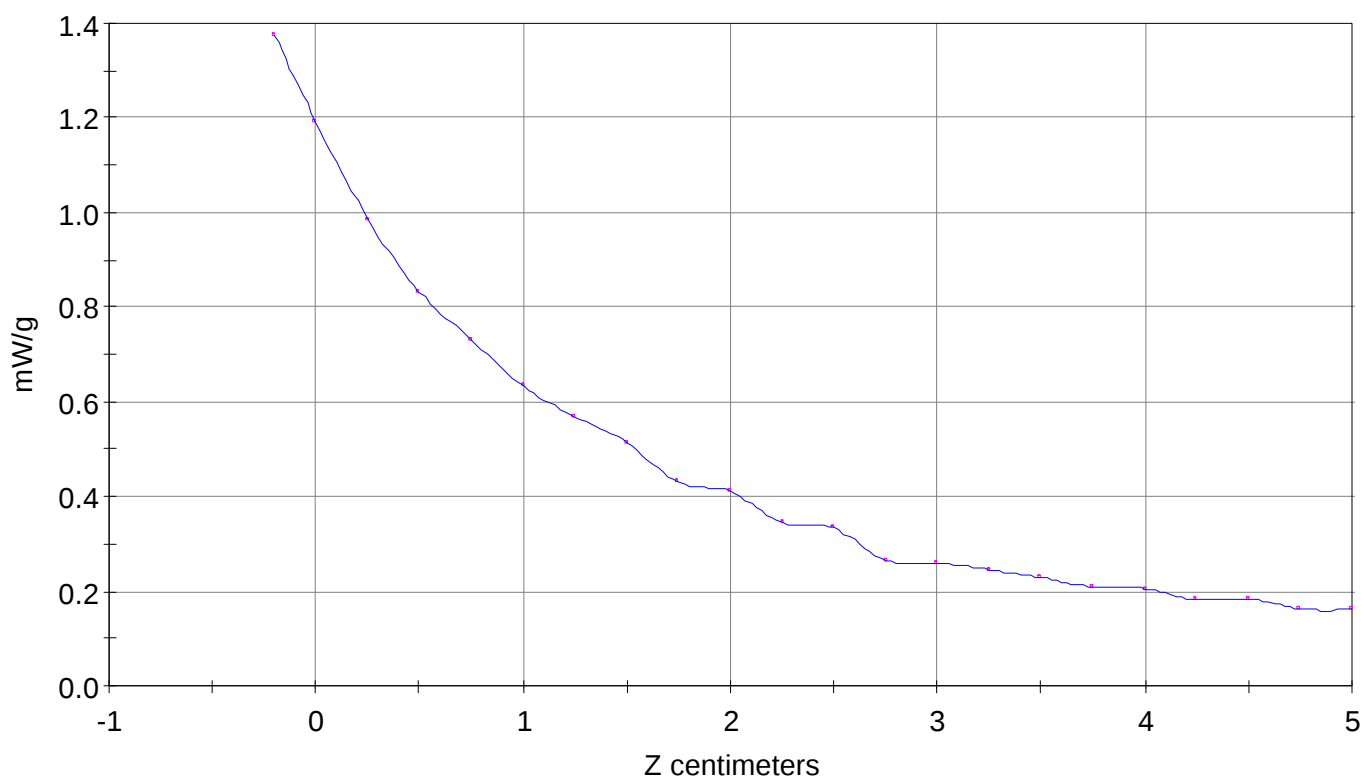
Calc. Voltage @ Surface (Vs) = 0.0352

Voltage @ 1.00 cm (Vt) = 0.0182

Ave. Voltage (Vs+Vt)/2 = 0.0267

Ave. SAR over 1 g (mW/g) = 1.0439

SAR Scan
File : 01120313_ZOOM
Start : 3-Dec-101 02:41:02 pm End : 3-Dec-101 02:51:02 pm
LGE/LSP-340/19;848.31MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

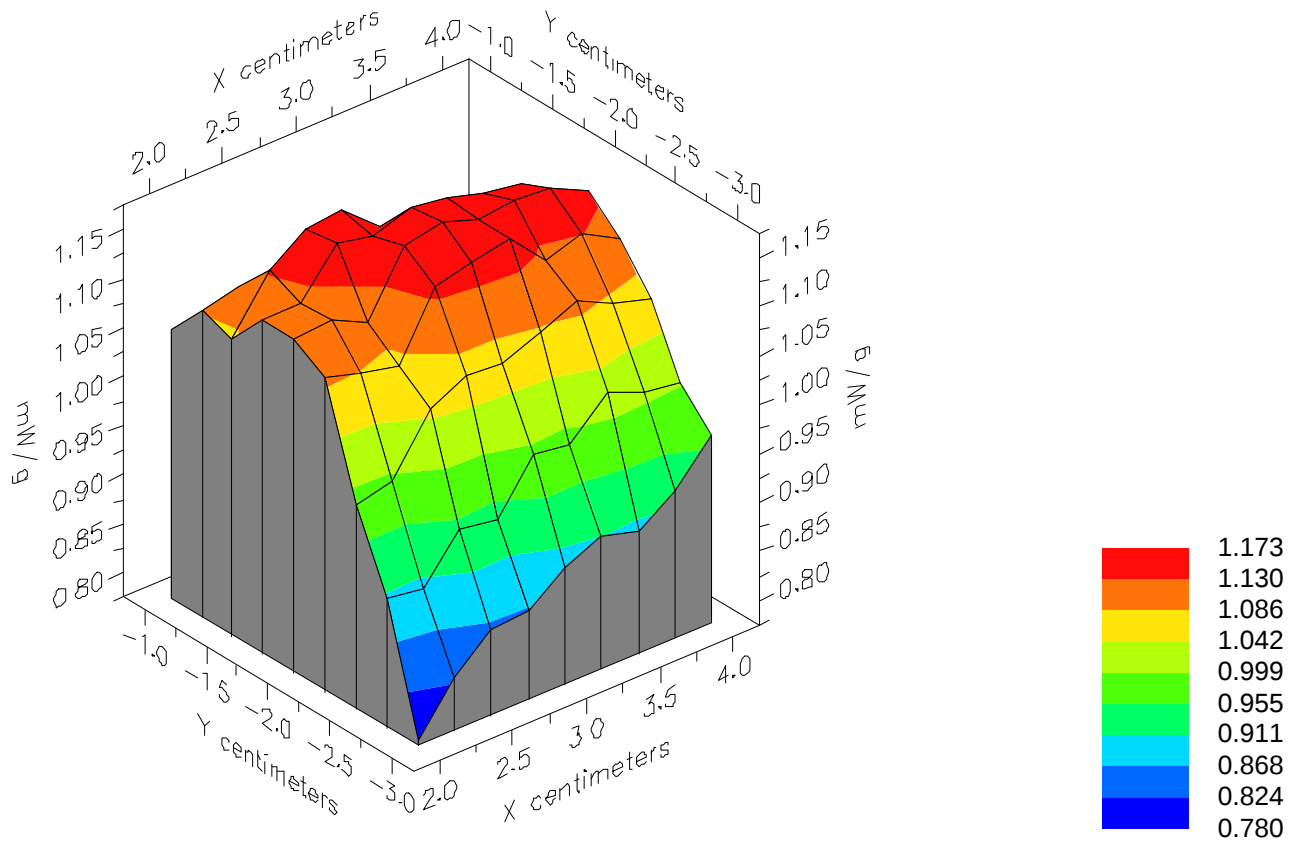


File : 01120313_ZOOM

Start : 3-Dec-101 02:41:02 pm End : 3-Dec-101 02:51:02 pm

LGE/LSP-340/19;848.31MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : 01120313_ZOOM

Start : 3-Dec-101 02:41:02 pm End : 3-Dec-101 02:51:02 pm

LGE/LSP-340/19;848.31MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

