

Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01071708_ZOOM.VLT
Start : 17-Jul-101 11:41:04 am End : 17-Jul-101 11:51:59 am

Radio Type : LGE
Model Number : LST-250
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : Internal
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 CDMA WLL TERMINAL
CH 1013 24.0 dBm Conducted
LGE CDMA WLL TERMINAL

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 = 14.780

Measured Values (volts) =
1.461E-002 1.245E-002 1.013E-002 8.617E-003 7.145E-003 6.046E-003
5.259E-003 4.992E-003 4.977E-003 5.072E-003 5.154E-003 5.026E-003
4.664E-003 4.080E-003 3.406E-003 2.566E-003 2.104E-003 1.797E-003
1.876E-003 2.221E-003 2.725E-003

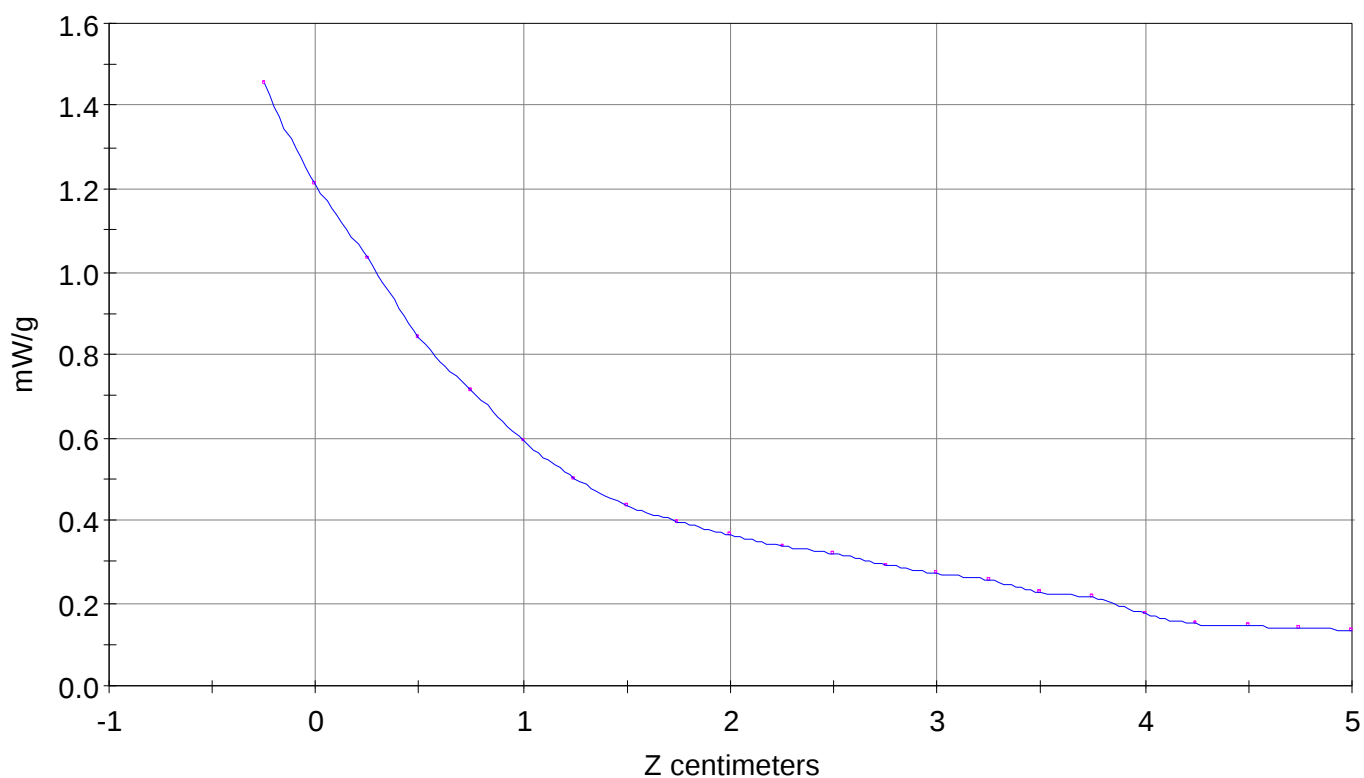
Calc. Voltage @ Surface (Vs) = 0.0175

Voltage @ 1.00 cm (Vt) = 0.0086

Ave. Voltage (Vs+Vt)/2 = 0.0131

Ave. SAR over 1 g (mW/g) = 1.0830

SAR Scan
File : 01071708_ZOOM
Start : 17-Jul-101 11:41:04 am End : 17-Jul-101 11:51:59 am
LGE/LST-250/1;824.70MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

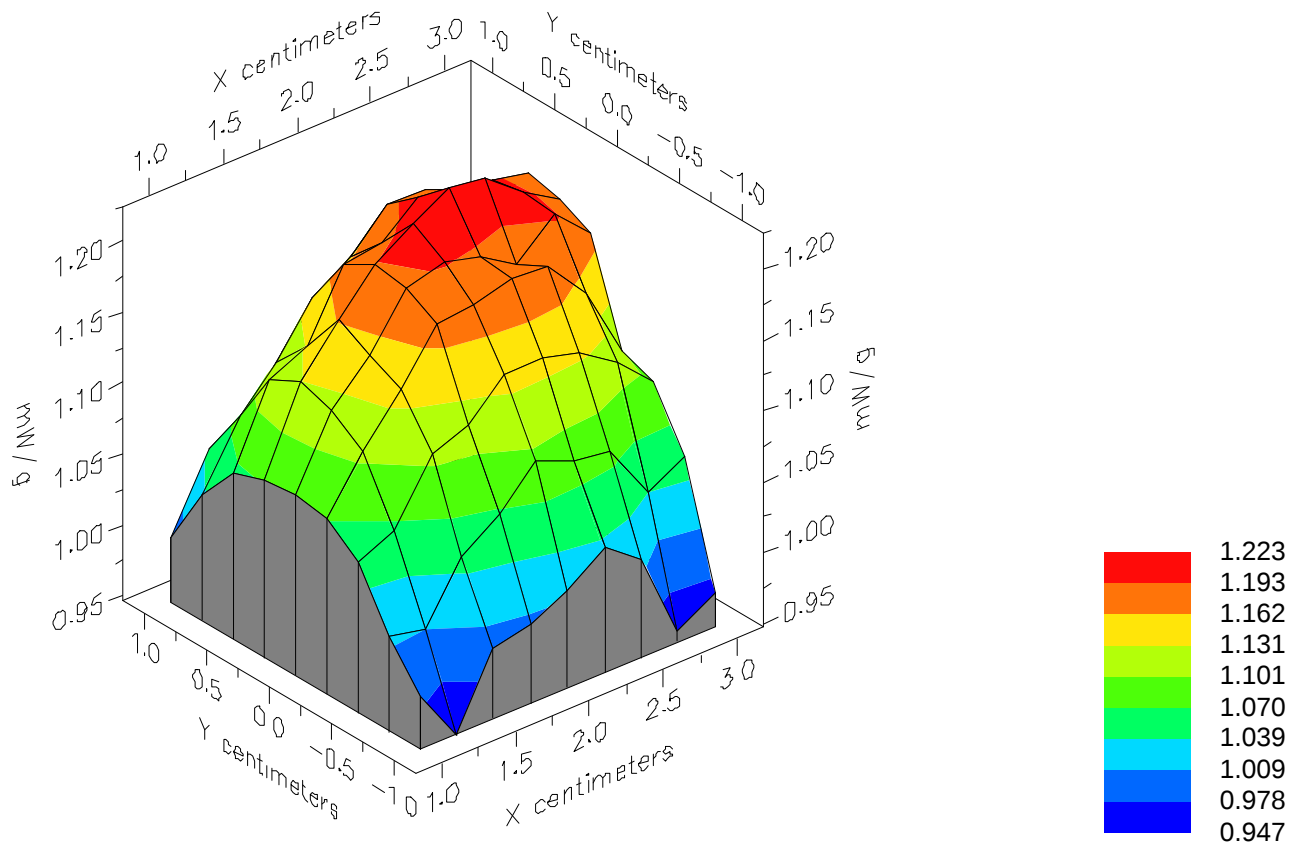


File : 01071708_ZOOM

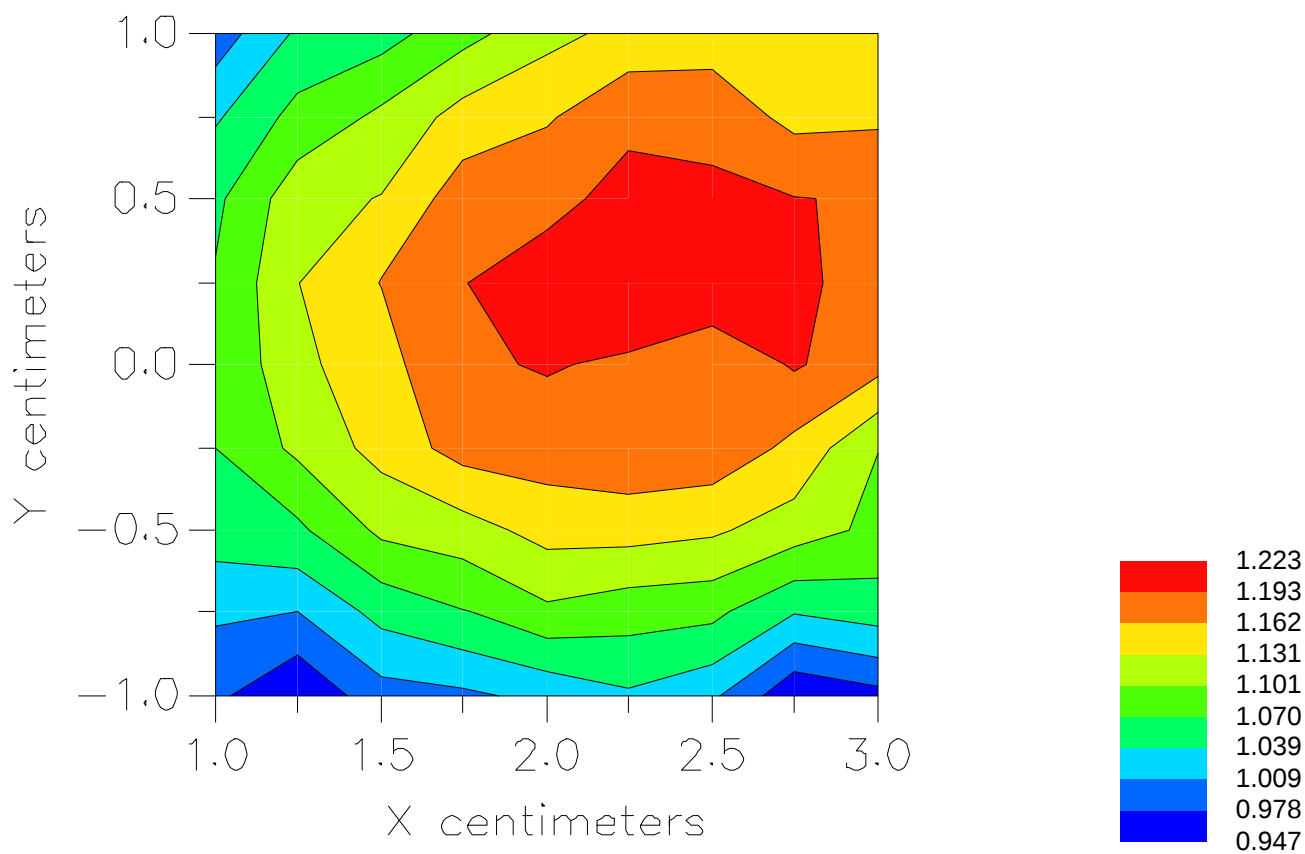
Start : 17-Jul-101 11:41:04 am End : 17-Jul-101 11:51:59 am

LGE/LST-250/1;824.70MHz;W;Helical/Internal;

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



File : 01071708_ZOOM
Start : 17-Jul-101 11:41:04 am End : 17-Jul-101 11:51:59 am
LGE/LST-250/1;824.70MHz;W;Helical/Internal;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01071707_ZOOM.VLT
Start : 17-Jul-101 11:23:22 am End : 17-Jul-101 11:38:11 am

Radio Type : LGE
Model Number : LST-250
Serial Number : 1
Frequency : 837.00 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : Internal
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 CDMA WLL TERMINAL
CH 0400 24.0 dBm Conducted
LGE CDMA WLL TERMINAL

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 = 14.786

Measured Values (volts) =
1.344E-002 1.156E-002 9.870E-003 8.282E-003 6.919E-003 5.814E-003
5.144E-003 4.766E-003 4.728E-003 4.826E-003 4.884E-003 4.774E-003
4.453E-003 3.841E-003 3.166E-003 2.430E-003 2.016E-003 1.755E-003
1.850E-003 2.242E-003 2.595E-003

Calc. Voltage @ Surface (Vs) = 0.0157

Voltage @ 1.00 cm (Vt) = 0.0083

Ave. Voltage (Vs+Vt)/2 = 0.0120

Ave. SAR over 1 g (mW/g) = 0.9922

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01071709_ZOOM.VLT
Start : 17-Jul-101 11:55:14 am End : 17-Jul-101 12:05:10 pm

Radio Type : LGE
Model Number : LST-250
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.250 W
Start Trans. Pwr: 0.250 W
Antenna Type : Helical
Antenna Posn. : Internal
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 CDMA WLL TERMINAL
CH 0777 24.0 dBm Conducted
LGE CDMA WLL TERMINAL

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 = 1.750, Y = 0.000, Z = 0.000 (cm) Value = 11.111

Measured Values (volts) =
1.124E-002 9.321E-003 7.825E-003 6.594E-003 5.678E-003 4.864E-003
4.246E-003 3.951E-003 3.888E-003 3.912E-003 3.971E-003 3.893E-003
3.596E-003 3.233E-003 2.711E-003 2.183E-003 1.778E-003 1.623E-003
1.679E-003 1.918E-003 2.227E-003

Calc. Voltage @ Surface (Vs) = 0.0135

Voltage @ 1.00 cm (Vt) = 0.0066

Ave. Voltage (Vs+Vt)/2 = 0.0100

Ave. SAR over 1 g (mW/g) = 0.8302