File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01092806_ZOOM.VLT
Start : 28-Sep-101 11:41:13 am End : 28-Sep-101 11:54:57 am

Radio Type   : SAMSUNG
Model Number   : STH-A225
Serial Number   : 2
Frequency   : 824.04 MHz
Peak Trans. Pwr : 0.420 W
Start Trans. Pwr: 0.420 W
Antenna Type   : Helical
Antenna Posn.   : In
Phantom Type   : Head
Phantom Posn.   : Right Ear
Scan Type   : ZOOM/SAR
Probe Name   : PCTEST
Field Type   : E Field
Orientation   : 0 Degrees

Mixture Type   = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity   = 0.900

Comment :
    SAMSUNG DUAL-MODE PHONE - AMPS MODE
    CH 0991   Conducted 26.2 dBm
    SAMSUNG DUAL-MODE PHONE

Robot   : PCTEST

Probe Offset   = 0.20 cm
Sensor Factor   = 0.0108
Conversion Factor   = 0.325

PCTEST   Amplifier Channel Settings : 0.239   0.278   0.294

Max Location : X = -3.000, Y = -1.500, Z =   0.000   (cm) Value = 44.112

Measured Values (volts) =
  3.983E-002 3.139E-002 2.714E-002 2.350E-002 2.048E-002 1.808E-002
  1.585E-002 1.410E-002 1.246E-002 1.096E-002 9.750E-003 8.738E-003
  8.010E-003 7.477E-003 7.103E-003 6.417E-003 6.238E-003 5.814E-003
  5.622E-003 5.170E-003 4.912E-003

Calc. Voltage @ Surface (Vs) = 0.0465

Voltage @ 1.00 cm (Vt)   = 0.0229

Ave. Voltage (Vs+Vt)/2   = 0.0347

Ave. SAR over 1 g (mW/g)   = 1.0438

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01092804_ZOOM.VLT
Start : 28-Sep-101 11:18:23 am End : 28-Sep-101 11:28:15 am

Radio Type   : SAMSUNG
Model Number   : STH-A225
Serial Number   : 2
Frequency   : 824.04 MHz
Peak Trans. Pwr : 0.420 W
Start Trans. Pwr: 0.420 W
Antenna Type   : Helical
Antenna Posn.   : Out
Phantom Type   : Head
Phantom Posn.   : Right Ear
Scan Type   : ZOOM/SAR
Probe Name   : PCTEST
Field Type   : E Field
Orientation   : 0 Degrees

Mixture Type   = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity   = 0.900

Comment :
    SAMSUNG DUAL-MODE PHONE - AMPS MODE
    CH 0991   Conducted 26.2 dBm
    SAMSUNG DUAL-MODE PHONE

Robot   : PCTEST

Probe Offset   = 0.20 cm
Sensor Factor   = 0.0108
Conversion Factor   = 0.325

PCTEST   Amplifier Channel Settings : 0.239   0.278   0.294

Max Location : X = -2.500, Y = -2.000, Z =   0.000   (cm) Value = 47.174

Measured Values (volts) =
  4.286E-002 3.375E-002 2.878E-002 2.482E-002 2.167E-002 1.902E-002
  1.683E-002 1.497E-002 1.320E-002 1.178E-002 1.084E-002 9.901E-003
  9.155E-003 8.561E-003 8.218E-003 7.744E-003 7.440E-003 7.100E-003
  6.880E-003 6.591E-003 6.420E-003

Calc. Voltage @ Surface (Vs) = 0.0503

Voltage @ 1.00 cm (Vt)   = 0.0242

Ave. Voltage (Vs+Vt)/2   = 0.0372

Ave. SAR over 1 g (mW/g)   = 1.1208

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01092809_ZOOM.VLT
Start : 28-Sep-101 12:15:07 pm End : 28-Sep-101 12:23:27 pm

Radio Type   : SAMSUNG
Model Number   : STH-A225
Serial Number   : 2
Frequency   : 836.49 MHz
Peak Trans. Pwr : 0.420 W
Start Trans. Pwr: 0.420 W
Antenna Type   : Helical
Antenna Posn.   : In
Phantom Type   : Head
Phantom Posn.   : Right Ear
Scan Type   : ZOOM/SAR
Probe Name   : PCTEST
Field Type   : E Field
Orientation   : 0 Degrees

Mixture Type   = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity   = 0.900

Comment :
    SAMSUNG DUAL-MODE PHONE - AMPS MODE
    CH 0383   Conducted 26.2 dBm
    SAMSUNG DUAL-MODE PHONE

Robot   : PCTEST

Probe Offset   = 0.20 cm
Sensor Factor   = 0.0108
Conversion Factor   = 0.325

PCTEST   Amplifier Channel Settings : 0.239   0.278   0.294

Max Location : X = -2.500, Y = -2.000, Z =   0.000   (cm) Value = 39.921

Measured Values (volts) =
  3.571E-002 2.804E-002 2.389E-002 2.051E-002 1.792E-002 1.561E-002
  1.386E-002 1.205E-002 1.070E-002 9.558E-003 8.375E-003 7.636E-003
  7.099E-003 6.592E-003 6.321E-003 5.930E-003 5.702E-003 5.551E-003
  5.334E-003 4.961E-003 4.644E-003

Calc. Voltage @ Surface (Vs) = 0.0420

Voltage @ 1.00 cm (Vt)   = 0.0200

Ave. Voltage (Vs+Vt)/2   = 0.0310

Ave. SAR over 1 g (mW/g)   = 0.9323

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01092810_ZOOM.VLT
Start : 28-Sep-101 12:27:15 pm End : 28-Sep-101 12:35:36 pm

Radio Type   : SAMSUNG
Model Number   : STH-A225
Serial Number   : 2
Frequency   : 836.49 MHz
Peak Trans. Pwr : 0.420 W
Start Trans. Pwr: 0.420 W
Antenna Type   : Helical
Antenna Posn.   : Out
Phantom Type   : Head
Phantom Posn.   : Right Ear
Scan Type   : ZOOM/SAR
Probe Name   : PCTEST
Field Type   : E Field
Orientation   : 0 Degrees

Mixture Type   = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity   = 0.900

Comment :
    SAMSUNG DUAL-MODE PHONE - AMPS MODE
    CH 0383   Conducted 26.2 dBm
    SAMSUNG DUAL-MODE PHONE

Robot   : PCTEST

Probe Offset   = 0.20 cm
Sensor Factor   = 0.0108
Conversion Factor   = 0.325

PCTEST   Amplifier Channel Settings : 0.239   0.278   0.294

Max Location : X = -2.000, Y = -2.000, Z =   0.000   (cm) Value = 46.785

Measured Values (volts) =
  4.383E-002 3.281E-002 2.706E-002 2.296E-002 1.961E-002 1.681E-002
  1.442E-002 1.228E-002 1.077E-002 9.176E-003 8.013E-003 7.049E-003
  6.445E-003 5.895E-003 5.504E-003 5.317E-003 5.014E-003 4.785E-003
  4.462E-003 4.250E-003 3.769E-003

Calc. Voltage @ Surface (Vs) = 0.0532

Voltage @ 1.00 cm (Vt)   = 0.0223

Ave. Voltage (Vs+Vt)/2   = 0.0378

Ave. SAR over 1 g (mW/g)   = 1.1361

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01100503_ZOOM.VLT
Start : 5-Oct-101 02:40:32 pm End : 5-Oct-101 02:51:38 pm

Radio Type   : SAMSUNG
Model Number   : STH-A225
Serial Number   : 2
Frequency   : 848.97 MHz
Peak Trans. Pwr : 0.420 W
Start Trans. Pwr: 0.420 W
Antenna Type   : Helical
Antenna Posn.   : In
Phantom Type   : Head
Phantom Posn.   : Right Ear
Scan Type   : ZOOM/SAR
Probe Name   : PCTEST
Field Type   : E Field
Orientation   : 0 Degrees

Mixture Type   = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity   = 0.900

Comment :
    SAMSUNG DUAL-MODE PHONE - AMPS MODE
    CH 799   Conducted 26.2 dBm
    SAMSUNG DUAL-MODE PHONE

Robot   : PCTEST

Probe Offset   = 0.20 cm
Sensor Factor   = 0.0108
Conversion Factor   = 0.325

PCTEST   Amplifier Channel Settings : 0.239   0.278   0.294

Max Location : X = -1.500, Y = -2.000, Z =   0.000   (cm) Value = 43.943

Measured Values (volts) =
  3.883E-002 3.007E-002 2.548E-002 2.186E-002 1.886E-002 1.660E-002
  1.432E-002 1.278E-002 1.146E-002 1.052E-002 9.627E-003 8.948E-003
  8.384E-003 7.888E-003 7.324E-003 6.730E-003 6.159E-003 5.613E-003
  5.110E-003 4.772E-003 4.611E-003

Calc. Voltage @ Surface (Vs) = 0.0460

Voltage @ 1.00 cm (Vt)   = 0.0213

Ave. Voltage (Vs+Vt)/2   = 0.0336

Ave. SAR over 1 g (mW/g)   = 1.0119

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01092808_ZOOM.VLT
Start : 28-Sep-101 12:05:51 pm End : 28-Sep-101 12:14:14 pm

Radio Type   : SAMSUNG
Model Number   : STH-A225
Serial Number   : 2
Frequency   : 848.97 MHz
Peak Trans. Pwr : 0.420 W
Start Trans. Pwr: 0.420 W
Antenna Type   : Helical
Antenna Posn.   : Out
Phantom Type   : Head
Phantom Posn.   : Right Ear
Scan Type   : ZOOM/SAR
Probe Name   : PCTEST
Field Type   : E Field
Orientation   : 0 Degrees

Mixture Type   = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity   = 0.900

Comment :
    SAMSUNG DUAL-MODE PHONE - AMPS MODE
    CH 0799   Conducted 26.2 dBm
    SAMSUNG DUAL-MODE PHONE

Robot   : PCTEST

Probe Offset   = 0.20 cm
Sensor Factor   = 0.0108
Conversion Factor   = 0.325

PCTEST   Amplifier Channel Settings : 0.239   0.278   0.294

Max Location : X = -2.000, Y = -2.000, Z =   0.000   (cm) Value = 51.268

Measured Values (volts) =
  4.749E-002 3.519E-002 2.968E-002 2.540E-002 2.221E-002 1.935E-002
  1.699E-002 1.486E-002 1.325E-002 1.167E-002 1.050E-002 9.481E-003
  8.752E-003 8.149E-003 7.787E-003 7.481E-003 7.262E-003 7.030E-003
  6.736E-003 6.391E-003 5.861E-003

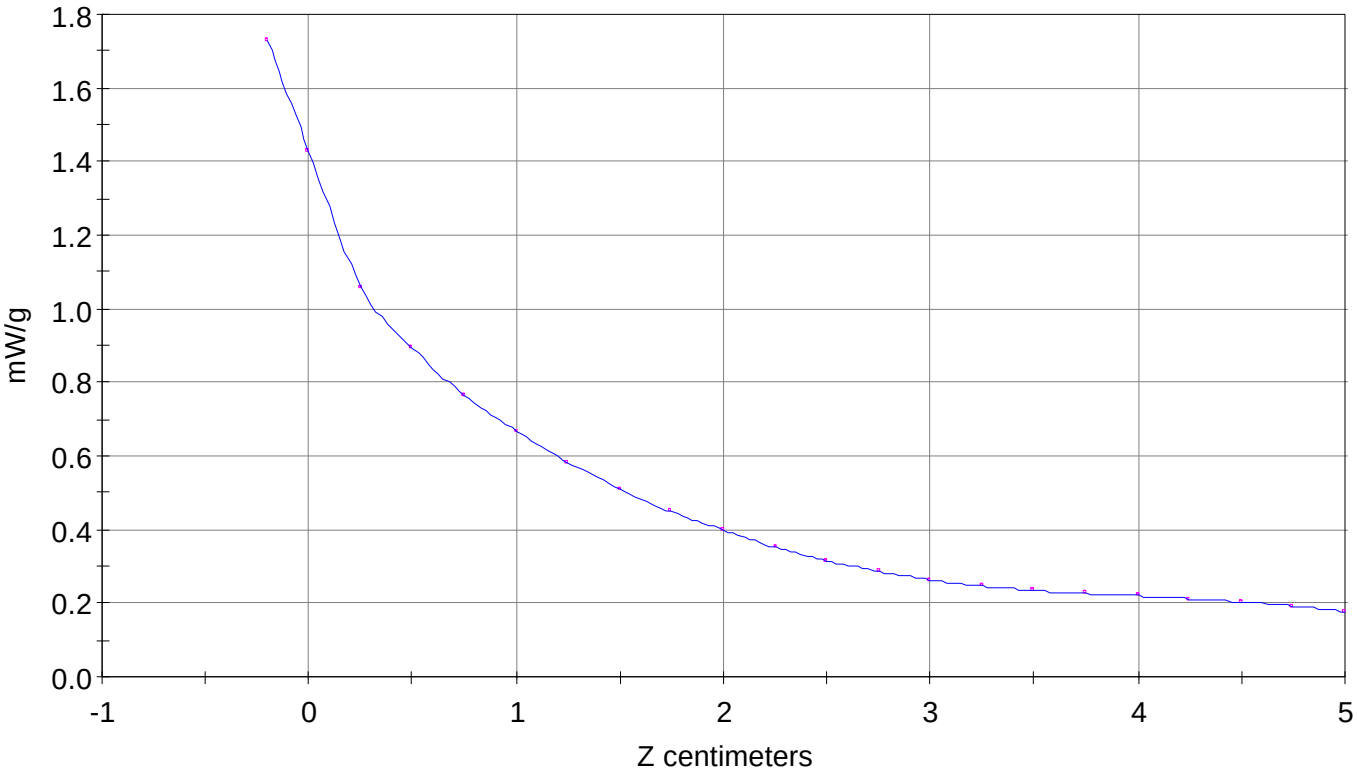
Calc. Voltage @ Surface (Vs) = 0.0574

Voltage @ 1.00 cm (Vt)   = 0.0248

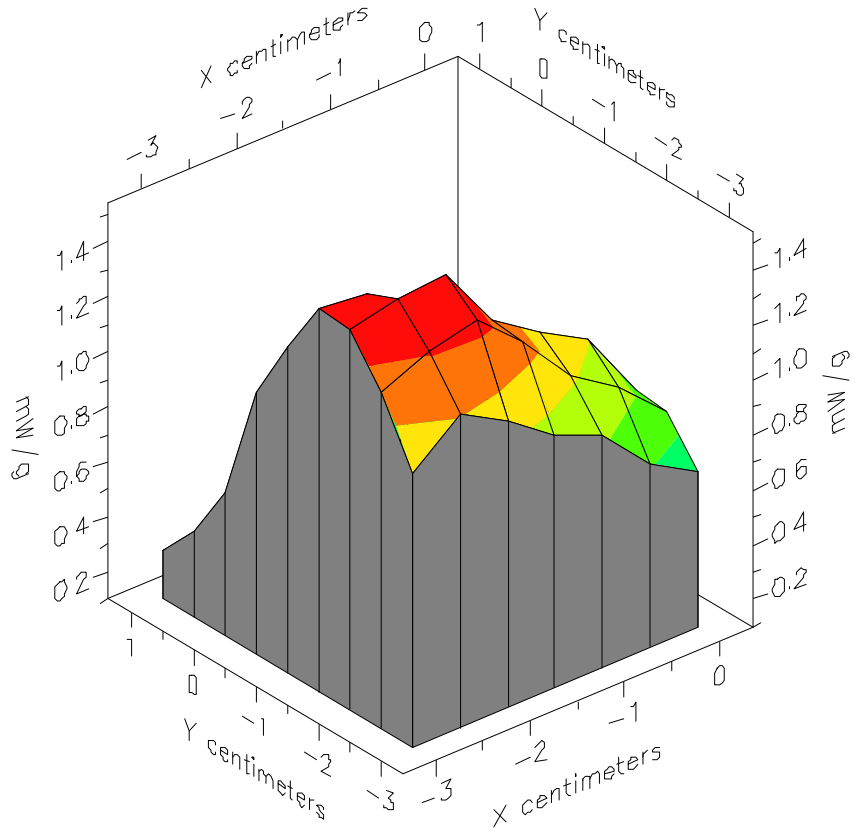
Ave. Voltage (Vs+Vt)/2   = 0.0411

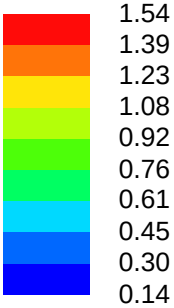
Ave. SAR over 1 g (mW/g)   = 1.2363

SAR Scan
File : 01092808_ZOOM
Start : 28-Sep-101 12:05:51 pm End : 28-Sep-101 12:14:14 pm
SAMSUNG/STH-A225/2;848.97MHz;W;Helical/Out;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

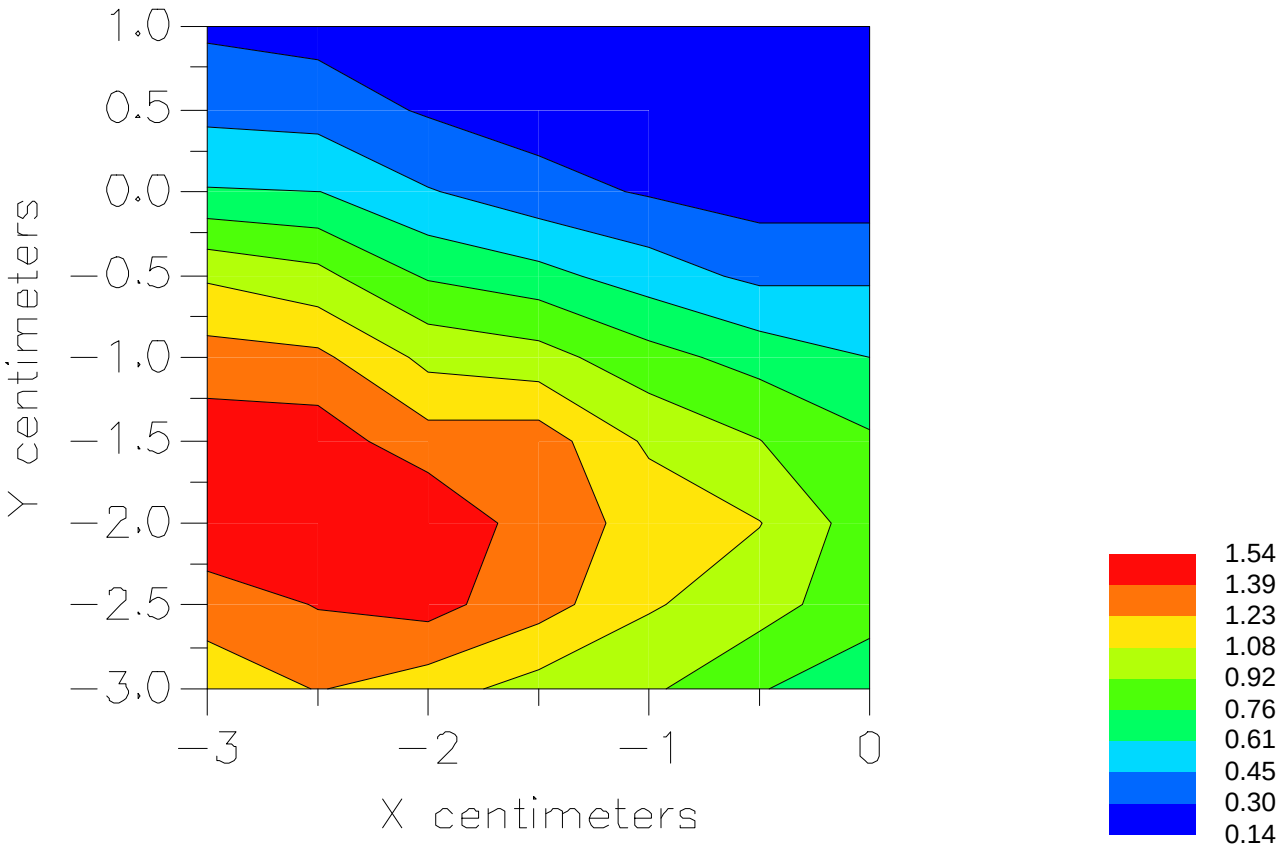


File : 01092808_ZOOM
Start : 28-Sep-101 12:05:51 pm End : 28-Sep-101 12:14:14 pm
SAMSUNG/STH-A225/2;848.97MHz;W;Helical/Out;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900





File : 01092808_ZOOM
Start : 28-Sep-101 12:05:51 pm End : 28-Sep-101 12:14:14 pm
SAMSUNG/STH-A225/2;848.97MHz;W;Helical/Out;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01100505_ZOOM.VLT
Start : 5-Oct-101 03:14:11 pm End : 5-Oct-101 03:25:17 pm

Radio Type   : SAMSUNG
Model Number   : STH-A225
Serial Number   : 2
Frequency   : 848.97 MHz
Peak Trans. Pwr : 0.420 W
Start Trans. Pwr: 0.420 W
Antenna Type   : Helical
Antenna Posn.   : In
Phantom Type   : Head
Phantom Posn.   : Right Ear
Scan Type   : ZOOM/SAR
Probe Name   : PCTEST
Field Type   : E Field
Orientation   : 0 Degrees

Mixture Type   = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity   = 0.900

Comment :
    SAMSUNG DUAL-MODE PHONE - TDMA MODE
    CH 799   Conducted 26.0 dBm
    SAMSUNG DUAL-MODE PHONE

Robot   : PCTEST

Probe Offset   = 0.20 cm
Sensor Factor   = 0.0108
Conversion Factor   = 0.325

PCTEST   Amplifier Channel Settings : 0.239   0.278   0.294

Max Location : X = -3.000, Y = -1.500, Z =   0.000   (cm) Value = 26.850

Measured Values (volts) =
  1.613E-002 2.053E-002 6.493E-003 1.126E-002 1.429E-002 1.313E-002
  2.828E-003 5.295E-003 5.533E-003 2.742E-003 4.184E-003 2.782E-003
  4.444E-003 4.020E-003 4.146E-003 3.671E-003 3.851E-003 4.279E-003
  3.773E-003 3.818E-003 3.935E-003

Calc. Voltage @ Surface (Vs) = 0.0278

Voltage @ 1.00 cm (Vt)   = 0.0119

Ave. Voltage (Vs+Vt)/2   = 0.0198

Ave. SAR over 1 g (mW/g)   = 0.5966

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01100504_ZOOM.VLT
Start : 5-Oct-101 02:57:58 pm End : 5-Oct-101 03:09:03 pm

Radio Type   : SAMSUNG
Model Number   : STH-A225
Serial Number   : 2
Frequency   : 848.97 MHz
Peak Trans. Pwr : 0.420 W
Start Trans. Pwr: 0.420 W
Antenna Type   : Helical
Antenna Posn.   : Out
Phantom Type   : Head
Phantom Posn.   : Right Ear
Scan Type   : ZOOM/SAR
Probe Name   : PCTEST
Field Type   : E Field
Orientation   : 0 Degrees

Mixture Type   = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity   = 0.900

Comment :
    SAMSUNG DUAL-MODE PHONE - TDMA MODE
    CH 799   Conducted 26.0 dBm
    SAMSUNG DUAL-MODE PHONE

Robot   : PCTEST

Probe Offset   = 0.20 cm
Sensor Factor   = 0.0108
Conversion Factor   = 0.325

PCTEST   Amplifier Channel Settings : 0.239   0.278   0.294

Max Location : X = -3.000, Y = -1.000, Z =   0.000   (cm) Value = 30.899

Measured Values (volts) =
  1.807E-002 1.482E-002 3.397E-003 1.813E-002 3.805E-003 3.871E-003
  7.491E-003 3.003E-003 8.253E-003 5.916E-003 3.397E-003 3.637E-003
  3.544E-003 3.535E-003 4.371E-003 5.148E-003 4.021E-003 3.833E-003
  3.860E-003 3.914E-003 3.721E-003

Calc. Voltage @ Surface (Vs) = 0.0411

Voltage @ 1.00 cm (Vt)   = 0.0153

Ave. Voltage (Vs+Vt)/2   = 0.0282

Ave. SAR over 1 g (mW/g)   = 0.8475