

Peak SAR Location

CDMA Face SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02011808_ZOOM.VLT
Start : 18-Jan-102 06:29:08 pm End : 18-Jan-102 06:40:55 pm

Radio Type : TOSHIBA
Model Number : CET200
Serial Number : 1
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 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 = Brain
Mixture Dielectric Constant = 41.500
Mixture Conductivity = 0.900

Comment :
TOSHIBA DUAL-BAND PDA PHONE - CDMA MODE
CH 1013 Conducted 24.5 dBm
TOSHIBA DUAL-BAND PDA PHONE - FACE SAR

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 = -3.000, Z = 0.000 (cm) Value = 8.187

Measured Values (volts) =
7.433E-003 5.433E-003 4.398E-003 3.637E-003 3.128E-003 2.496E-003
2.316E-003 2.145E-003 1.520E-003 1.698E-003 1.451E-003 1.354E-003
1.217E-003 1.118E-003 1.289E-003 1.262E-003 1.346E-003 1.499E-003
1.606E-003 1.521E-003 1.751E-003

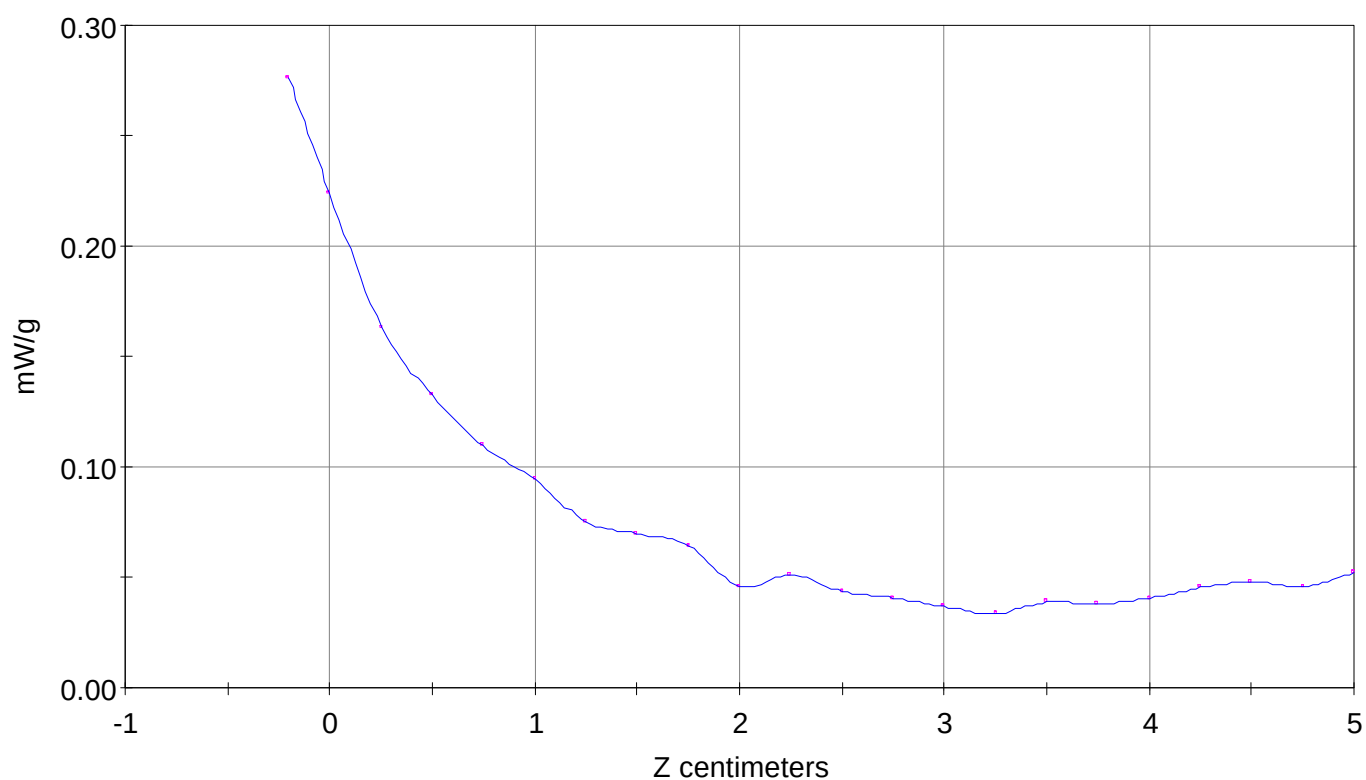
Calc. Voltage @ Surface (Vs) = 0.0092

Voltage @ 1.00 cm (Vt) = 0.0035

Ave. Voltage (Vs+Vt)/2 = 0.0064

Ave. SAR over 1 g (mW/g) = 0.1913

SAR Scan
File : 02011808_ZOOM
Start : 18-Jan-102 06:29:08 pm End : 18-Jan-102 06:40:55 pm
TOSHIBA/CET200/1;824.70MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

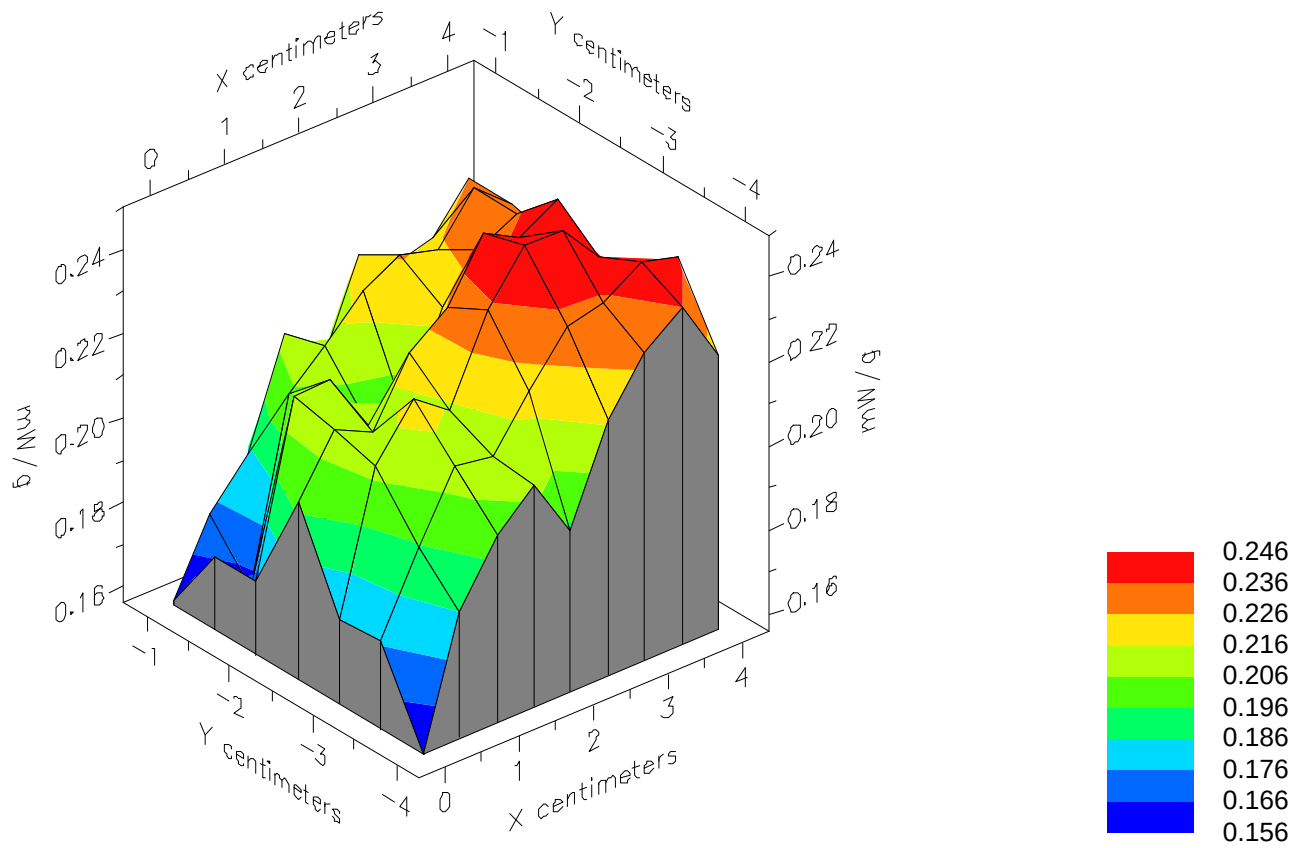


File : 02011808_ZOOM

Start : 18-Jan-102 06:29:08 pm End : 18-Jan-102 06:40:55 pm

TOSHIBA/CET200/1;824.70MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

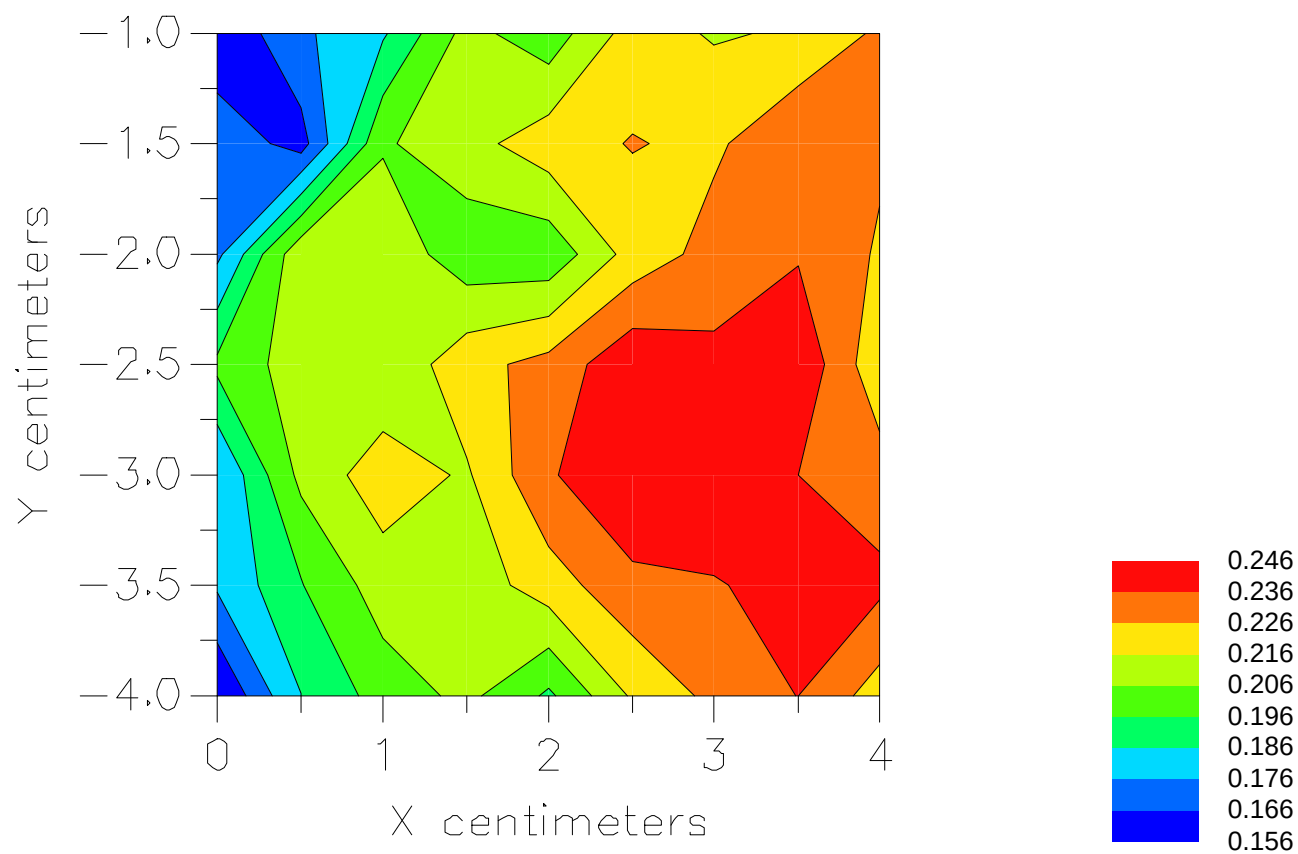


File : 02011808_ZOOM

Start : 18-Jan-102 06:29:08 pm End : 18-Jan-102 06:40:55 pm

TOSHIBA/CET200/1;824.70MHz;W;Helical/Internal;

Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02011811_ZOOM.VLT
Start : 18-Jan-102 06:53:46 pm End : 18-Jan-102 06:55:41 pm

Radio Type : TOSHIBA
Model Number : CET200
Serial Number : 1
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 W
Antenna Type : Helical
Antenna Posn. : Internal
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
TOSHIBA DUAL-BAND PDA PHONE - CDMA MODE
CH 0383 Conducted 24.5 dBm
TOSHIBA DUAL-BAND PDA PHONE - FACE SAR

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 = -3.000, Z = 0.000 (cm) Value = 0.485

Measured Values (volts) =
5.667E-003 3.526E-003 1.654E-003 1.003E-003 7.644E-004 7.826E-004
7.434E-004 5.956E-004 5.557E-004 5.897E-004 4.915E-004 6.785E-004
5.859E-004 6.937E-004 7.002E-004 7.290E-004 9.391E-004 9.420E-004
9.110E-004 1.142E-003 1.192E-003

Calc. Voltage @ Surface (Vs) = 0.0093

Voltage @ 1.00 cm (Vt) = 0.0010

Ave. Voltage (Vs+Vt)/2 = 0.0052

Ave. SAR over 1 g (mW/g) = 0.1550

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02011812_ZOOM.VLT
Start : 18-Jan-102 06:56:05 pm End : 18-Jan-102 06:56:59 pm

Radio Type : TOSHIBA
Model Number : CET200
Serial Number : 1
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 W
Antenna Type : Helical
Antenna Posn. : Internal
Phantom Type : Flat
Phantom Posn. : E Field
Scan Type : SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
TOSHIBA DUAL-BAND PDA PHONE - CDMA MODE
CH 0777 Conducted 24.5 dBm
TOSHIBA DUAL-BAND PDA PHONE - FACE SAR

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 = -3.000, Z = 0.000 (cm) Value = 0.485

Measured Values (volts) =
6.164E-003 3.808E-003 2.263E-003 1.391E-003 1.159E-003 9.459E-004
1.045E-003 1.063E-003 5.344E-004 6.574E-004 5.460E-004 5.486E-004
6.405E-004 6.778E-004 7.503E-004 7.078E-004 8.288E-004 9.098E-004
1.060E-003 1.021E-003 1.115E-003

Calc. Voltage @ Surface (Vs) = 0.0092

Voltage @ 1.00 cm (Vt) = 0.0013

Ave. Voltage (Vs+Vt)/2 = 0.0053

Ave. SAR over 1 g (mW/g) = 0.1587

Peak SAR Location

PCS Face SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02011805_ZOOM.VLT
Start : 18-Jan-102 05:13:49 pm End : 18-Jan-102 05:23:48 pm

Radio Type : TOSHIBA
Model Number : CET200
Serial Number : 1
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = Brain
Mixture Dielectric Constant = 39.900
Mixture Conductivity = 1.420

Comment :
TOSHIBA DUAL-BAND PDA PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
TOSHIBA DUAL-BAND PDA PHONE - FACE SAR

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.550

PCTEST Amplifier Channel Settings : 0.309 0.361 0.421

Max Location : X = -0.500, Y = 0.000, Z = 0.000 (cm) Value = 5.013

Measured Values (volts) =
4.659E-003 2.947E-003 2.632E-003 1.774E-003 1.585E-003 1.488E-003
1.459E-003 1.619E-003 1.577E-003 1.674E-003 1.512E-003 1.478E-003
1.505E-003 1.760E-003 1.767E-003 2.118E-003 2.181E-003 1.896E-003
2.171E-003 2.261E-003 2.271E-003

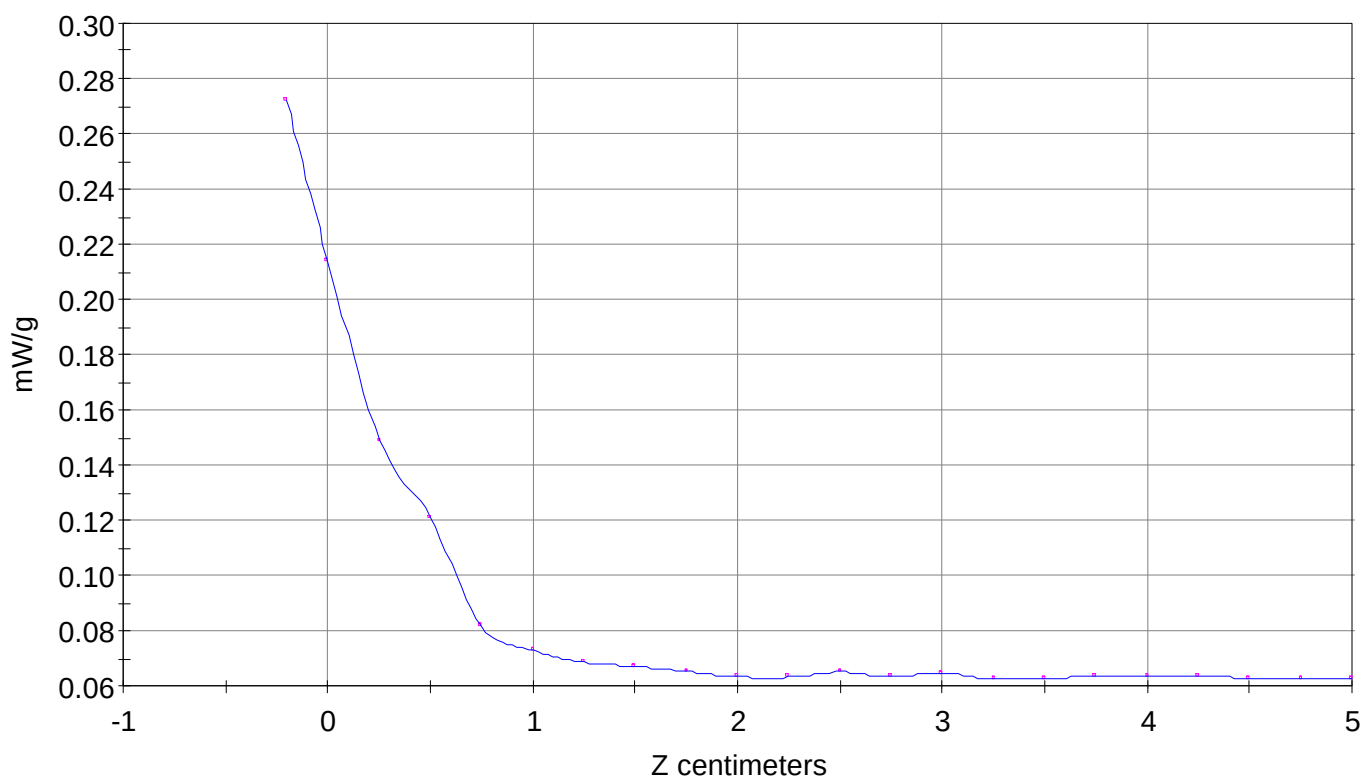
Calc. Voltage @ Surface (Vs) = 0.0059

Voltage @ 1.00 cm (Vt) = 0.0017

Ave. Voltage (Vs+Vt)/2 = 0.0038

Ave. SAR over 1 g (mW/g) = 0.1759

SAR Scan
File : 02011805_ZOOM
Start : 18-Jan-102 05:13:49 pm End : 18-Jan-102 05:23:48 pm
TOSHIBA/CET200/1;1851.25MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/39.900/1.420

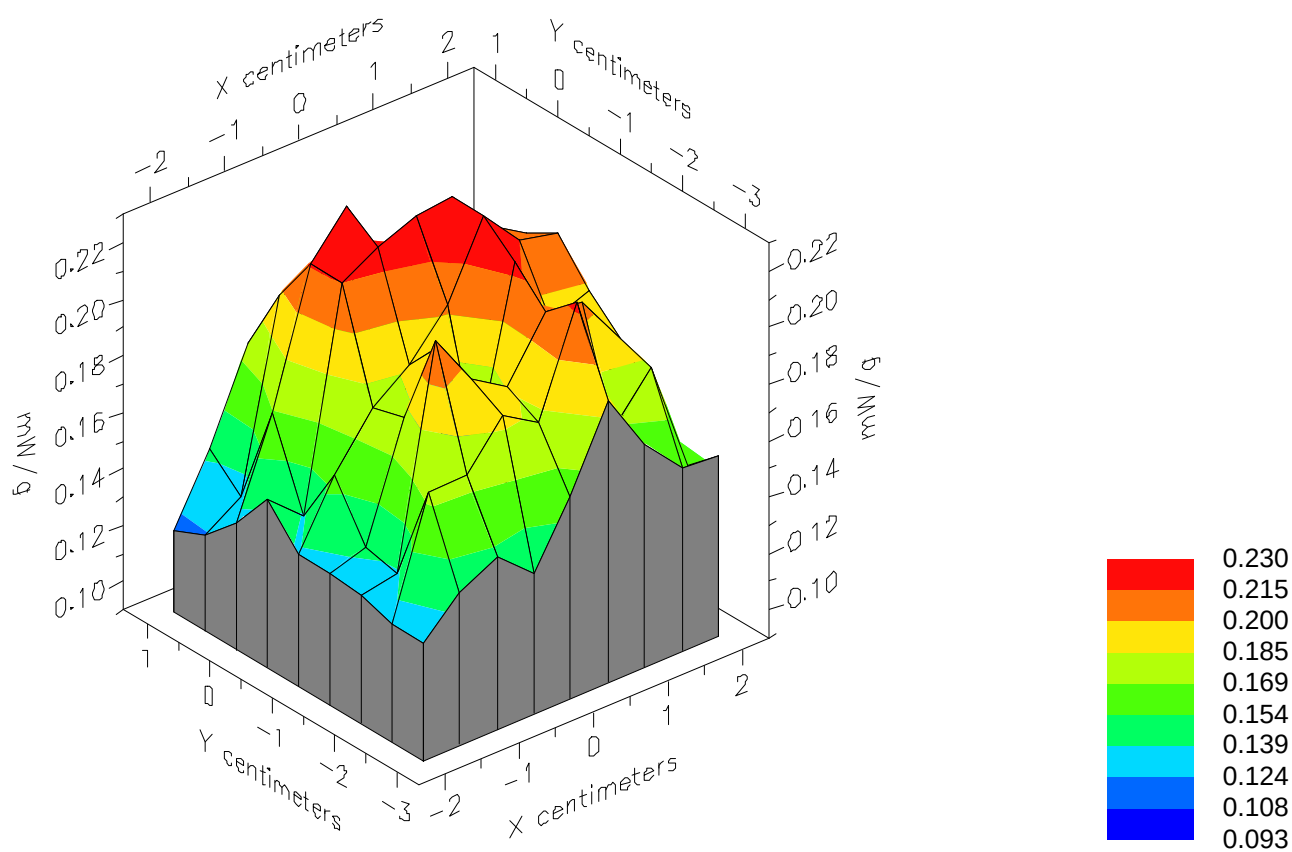


File : 02011805_ZOOM

Start : 18-Jan-102 05:13:49 pm End : 18-Jan-102 05:23:48 pm

TOSHIBA/CET200/1;1851.25MHz;W;Helical/Internal;

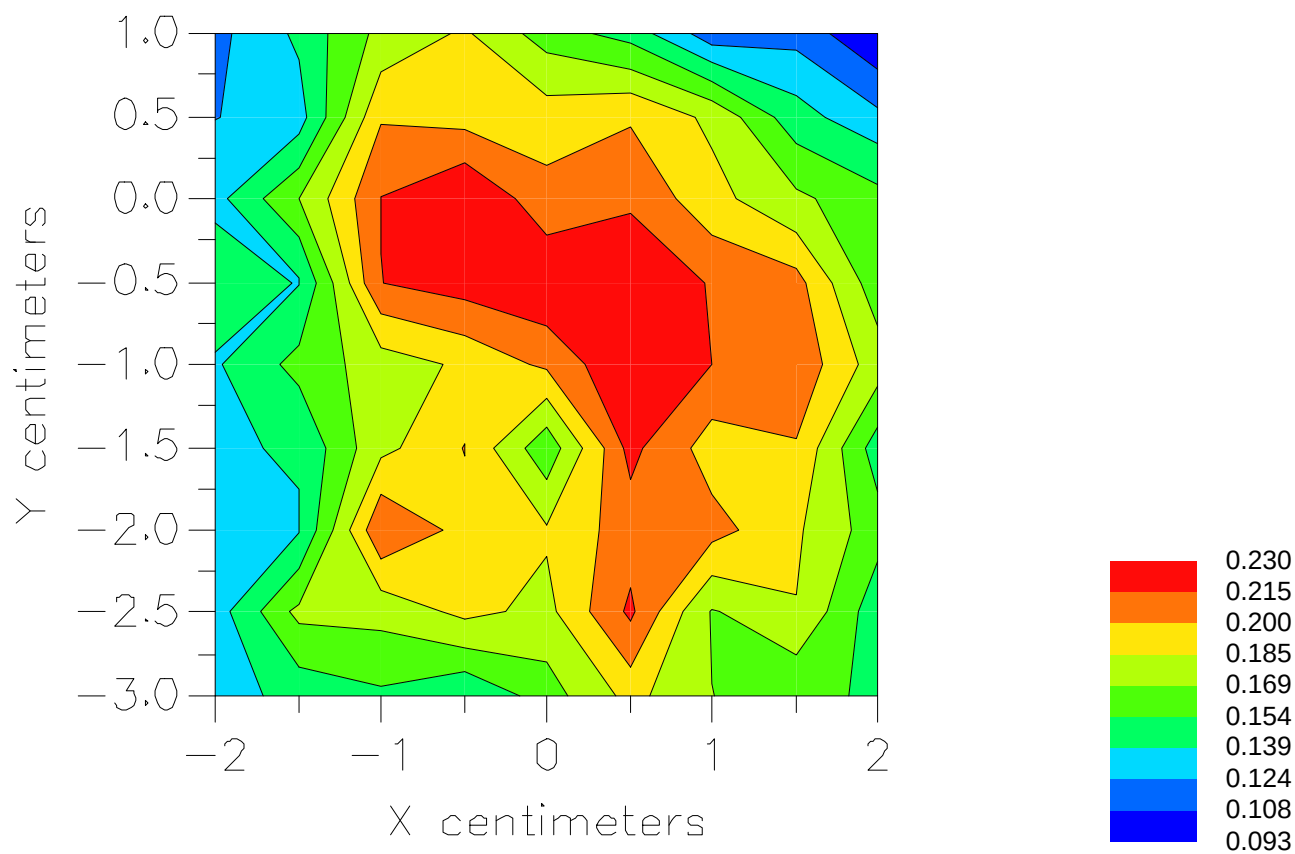
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/39.900/1.420



File : 02011805_ZOOM

Start : 18-Jan-102 05:13:49 pm End : 18-Jan-102 05:23:48 pm

TOSHIBA/CET200/1;1851.25MHz;W;Helical/Internal;
Flat/E Field;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/39.900/1.420



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02011803_ZOOM.VLT
Start : 18-Jan-102 04:36:47 pm End : 18-Jan-102 04:51:28 pm

Radio Type : TOSHIBA
Model Number : CET200
Serial Number : 1
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = Brain
Mixture Dielectric Constant = 39.900
Mixture Conductivity = 1.420

Comment :
TOSHIBA DUAL-BAND PDA PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
TOSHIBA DUAL-BAND PDA PHONE - FACE SAR

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.496

PCTEST Amplifier Channel Settings : 0.309 0.361 0.421

Max Location : X = 0.500, Y = -0.500, Z = 0.000 (cm) Value = 4.279

Measured Values (volts) =
3.247E-003 2.471E-003 2.000E-003 1.900E-003 1.594E-003 1.547E-003
1.687E-003 1.434E-003 1.669E-003 1.698E-003 1.759E-003 1.884E-003
2.127E-003 2.003E-003 2.082E-003 2.118E-003 2.087E-003 2.244E-003
2.497E-003 2.417E-003 2.736E-003

Calc. Voltage @ Surface (Vs) = 0.0039

Voltage @ 1.00 cm (Vt) = 0.0018

Ave. Voltage (Vs+Vt)/2 = 0.0029

Ave. SAR over 1 g (mW/g) = 0.1328

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/02011804_ZOOM.VLT
Start : 18-Jan-102 04:53:09 pm End : 18-Jan-102 05:03:07 pm

Radio Type : TOSHIBA
Model Number : CET200
Serial Number : 1
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 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 = Brain
Mixture Dielectric Constant = 39.900
Mixture Conductivity = 1.420

Comment :
TOSHIBA DUAL-BAND PDA PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
TOSHIBA DUAL-BAND PDA PHONE - FACE SAR

Robot : PCTEST

Probe Offset = 0.20 cm
Sensor Factor = 0.0108
Conversion Factor = 0.496

PCTEST Amplifier Channel Settings : 0.309 0.361 0.421

Max Location : X = 0.500, Y = -0.500, Z = 0.000 (cm) Value = 4.119

Measured Values (volts) =
3.518E-003 2.569E-003 1.727E-003 1.587E-003 1.525E-003 1.419E-003
1.478E-003 1.517E-003 1.591E-003 1.585E-003 1.767E-003 1.825E-003
1.850E-003 1.751E-003 1.948E-003 1.870E-003 2.265E-003 2.111E-003
2.356E-003 2.455E-003 2.384E-003

Calc. Voltage @ Surface (Vs) = 0.0047

Voltage @ 1.00 cm (Vt) = 0.0016

Ave. Voltage (Vs+Vt)/2 = 0.0031

Ave. SAR over 1 g (mW/g) = 0.1436