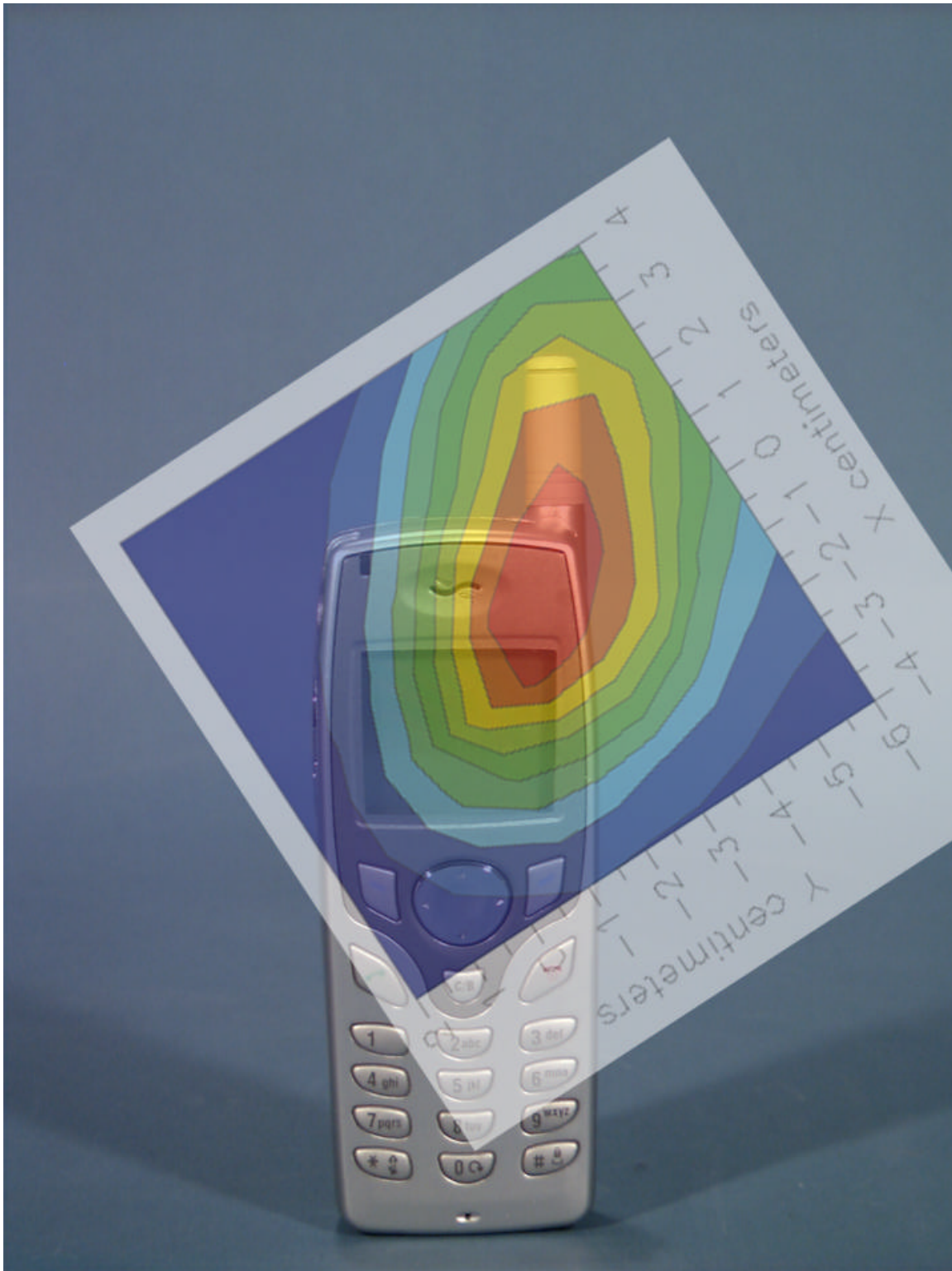


Peak SAR Location

800 MHz Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101738_ZOOM.VLT
Start : 17-Oct-101 04:32:52 pm End : 17-Oct-101 04:40:53 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-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 = -4.500, Z = 0.000 (cm) Value = 55.126

Measured Values (volts) =
5.359E-002 4.127E-002 3.492E-002 2.957E-002 2.452E-002 2.070E-002
1.784E-002 1.478E-002 1.286E-002 1.120E-002 1.012E-002 9.139E-003
8.362E-003 7.575E-003 7.033E-003 6.550E-003 5.794E-003 4.785E-003
4.033E-003 3.251E-003 2.676E-003

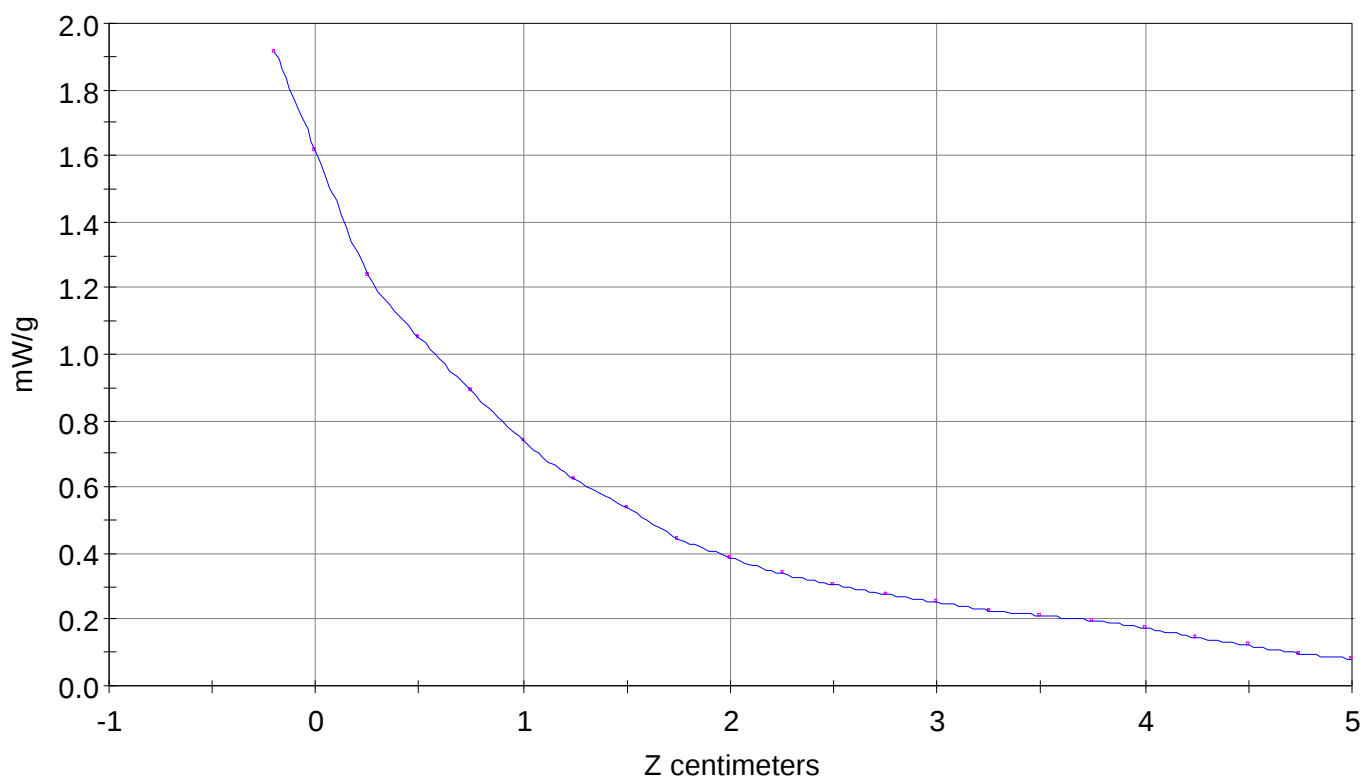
Calc. Voltage @ Surface (Vs) = 0.0637

Voltage @ 1.00 cm (Vt) = 0.0286

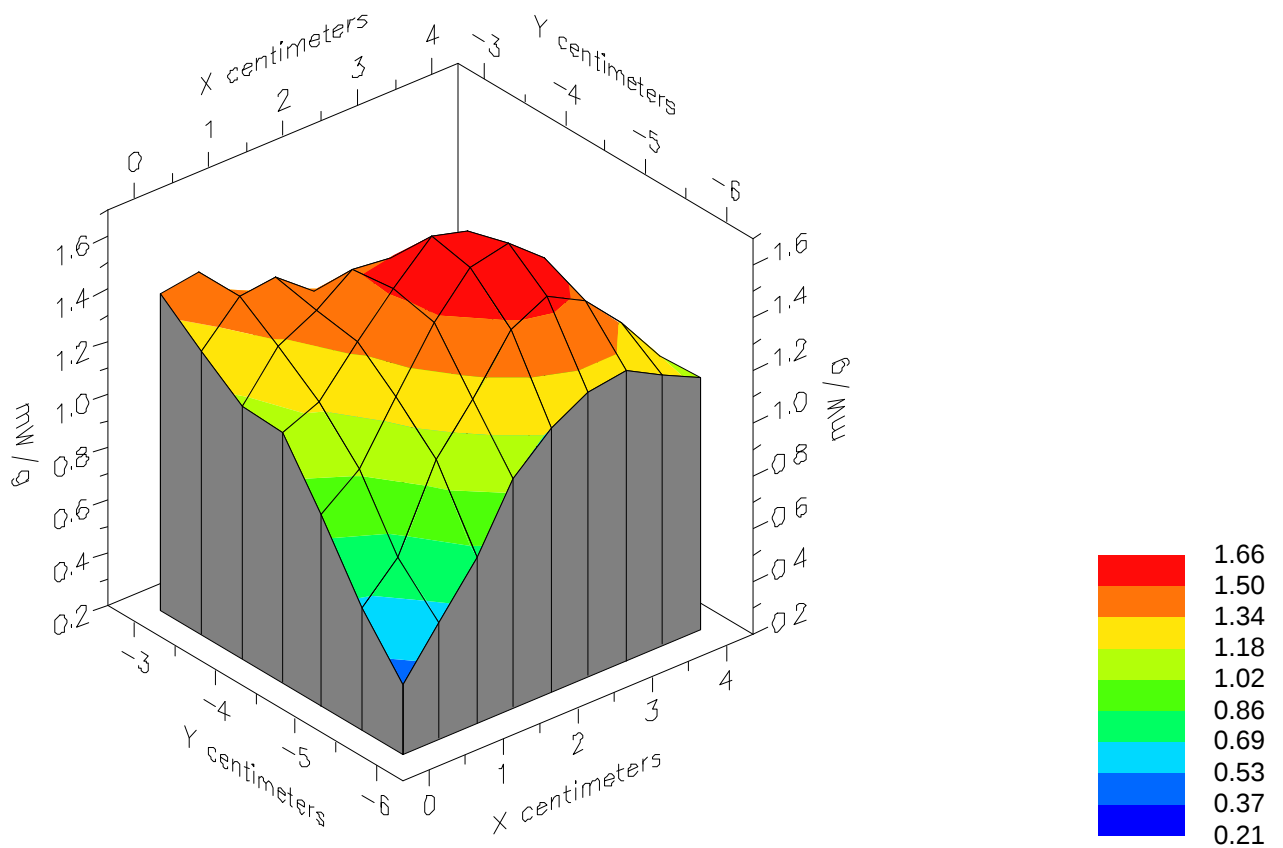
Ave. Voltage (Vs+Vt)/2 = 0.0461

Ave. SAR over 1 g (mW/g) = 1.3877

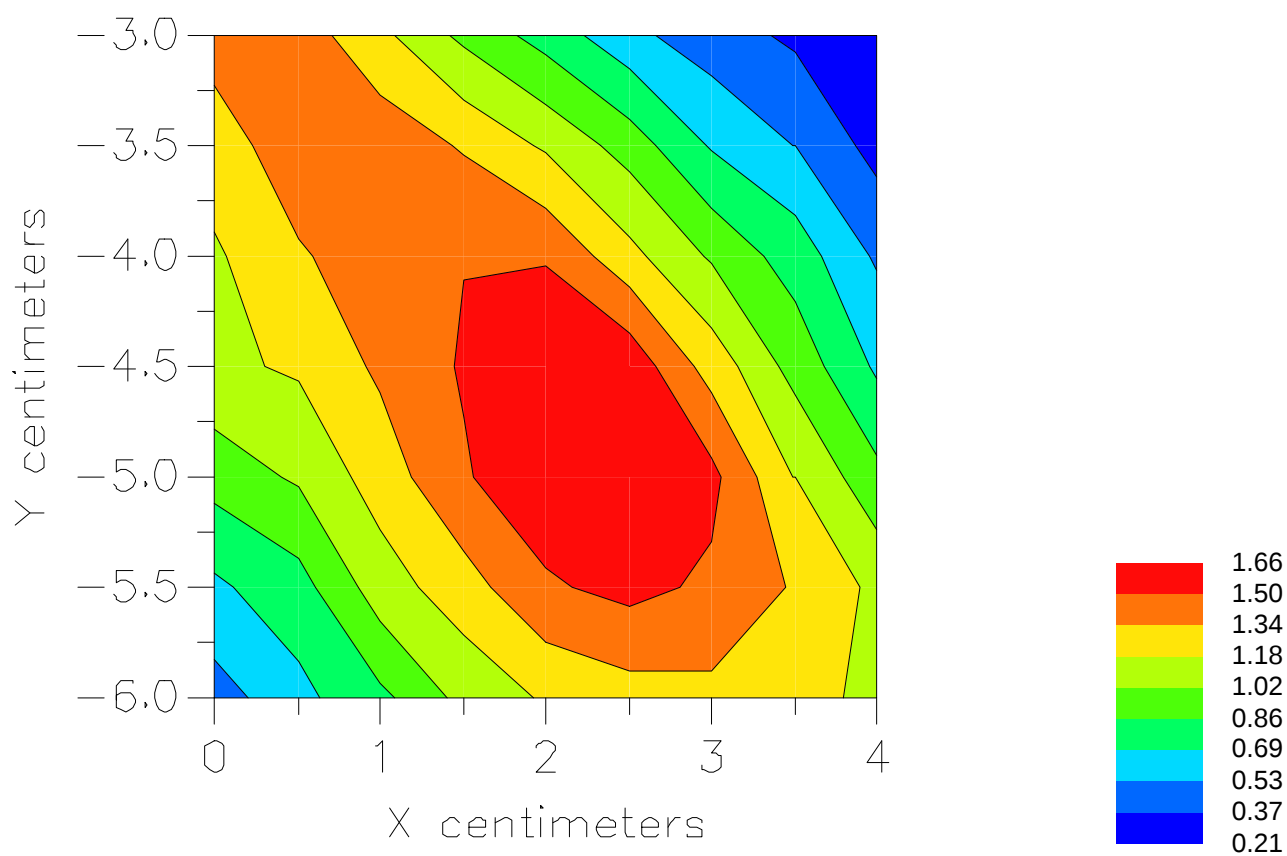
SAR Scan
File : 01101738_ZOOM
Start : 17-Oct-101 04:32:52 pm End : 17-Oct-101 04:40:53 pm
SEWON/CTE-310X/2;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01101738_ZOOM
Start : 17-Oct-101 04:32:52 pm End : 17-Oct-101 04:40:53 pm
SEWON/CTE-310X/2;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01101738_ZOOM
Start : 17-Oct-101 04:32:52 pm End : 17-Oct-101 04:40:53 pm
SEWON/CTE-310X/2;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101741_ZOOM.VLT
Start : 17-Oct-101 05:05:39 pm End : 17-Oct-101 05:13:39 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-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 = -4.500, Z = 0.000 (cm) Value = 46.736

Measured Values (volts) =
4.532E-002 3.445E-002 2.869E-002 2.399E-002 2.059E-002 1.725E-002
1.452E-002 1.232E-002 1.052E-002 9.248E-003 8.125E-003 7.465E-003
6.997E-003 6.166E-003 5.577E-003 4.976E-003 4.500E-003 3.669E-003
3.236E-003 2.529E-003 2.375E-003

Calc. Voltage @ Surface (Vs) = 0.0545

Voltage @ 1.00 cm (Vt) = 0.0233

Ave. Voltage (Vs+Vt)/2 = 0.0389

Ave. SAR over 1 g (mW/g) = 1.1701

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101740_ZOOM.VLT
Start : 17-Oct-101 04:52:40 pm End : 17-Oct-101 05:03:40 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-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 = -5.000, Z = 0.000 (cm) Value = 48.403

Measured Values (volts) =
4.715E-002 3.615E-002 2.996E-002 2.518E-002 2.108E-002 1.755E-002
1.503E-002 1.292E-002 1.128E-002 9.806E-003 8.655E-003 7.987E-003
7.255E-003 6.840E-003 6.229E-003 5.491E-003 4.648E-003 4.276E-003
3.546E-003 3.095E-003 2.788E-003

Calc. Voltage @ Surface (Vs) = 0.0566

Voltage @ 1.00 cm (Vt) = 0.0244

Ave. Voltage (Vs+Vt)/2 = 0.0405

Ave. SAR over 1 g (mW/g) = 1.2174

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101609_ZOOM.VLT
Start : 16-Oct-101 02:15:43 pm End : 16-Oct-101 02:28:37 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-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 = -5.000, Z = 0.000 (cm) Value = 48.941

Measured Values (volts) =
4.614E-002 3.540E-002 2.932E-002 2.483E-002 2.066E-002 1.733E-002
1.487E-002 1.296E-002 1.124E-002 1.010E-002 9.034E-003 8.382E-003
7.731E-003 6.797E-003 6.232E-003 5.157E-003 4.291E-003 3.792E-003
3.331E-003 2.651E-003 2.903E-003

Calc. Voltage @ Surface (Vs) = 0.0553

Voltage @ 1.00 cm (Vt) = 0.0240

Ave. Voltage (Vs+Vt)/2 = 0.0397

Ave. SAR over 1 g (mW/g) = 1.1937

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101735_ZOOM.VLT
Start : 17-Oct-101 04:14:56 pm End : 17-Oct-101 04:26:05 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-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 = -5.000, Z = 0.000 (cm) Value = 53.234

Measured Values (volts) =
5.213E-002 4.096E-002 3.378E-002 2.806E-002 2.353E-002 1.985E-002
1.699E-002 1.443E-002 1.243E-002 1.068E-002 9.604E-003 8.893E-003
7.960E-003 7.294E-003 6.785E-003 5.964E-003 4.903E-003 4.556E-003
3.884E-003 2.932E-003 3.045E-003

Calc. Voltage @ Surface (Vs) = 0.0620

Voltage @ 1.00 cm (Vt) = 0.0272

Ave. Voltage (Vs+Vt)/2 = 0.0446

Ave. SAR over 1 g (mW/g) = 1.3417

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101611_ZOOM.VLT
Start : 16-Oct-101 02:40:04 pm End : 16-Oct-101 02:48:44 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 W
Antenna Type : Helical
Antenna Posn. : 0u
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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-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 = -5.000, Z = 0.000 (cm) Value = 49.890

Measured Values (volts) =
4.958E-002 3.898E-002 3.198E-002 2.634E-002 2.208E-002 1.842E-002
1.562E-002 1.335E-002 1.176E-002 1.033E-002 9.303E-003 8.466E-003
7.741E-003 7.146E-003 6.398E-003 5.637E-003 4.859E-003 3.492E-003
3.269E-003 2.972E-003 2.931E-003

Calc. Voltage @ Surface (Vs) = 0.0591

Voltage @ 1.00 cm (Vt) = 0.0255

Ave. Voltage (Vs+Vt)/2 = 0.0423

Ave. SAR over 1 g (mW/g) = 1.2727

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101742_ZOOM.VLT
Start : 17-Oct-101 05:16:27 pm End : 17-Oct-101 05:24:27 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.0 dBm
SEWON TRI-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 = -4.500, Z = 0.000 (cm) Value = 44.761

Measured Values (volts) =
4.259E-002 3.217E-002 2.719E-002 2.281E-002 1.953E-002 1.631E-002
1.357E-002 1.164E-002 1.006E-002 8.802E-003 8.050E-003 7.277E-003
6.854E-003 6.123E-003 5.565E-003 5.241E-003 4.609E-003 3.856E-003
3.108E-003 2.582E-003 2.605E-003

Calc. Voltage @ Surface (Vs) = 0.0510

Voltage @ 1.00 cm (Vt) = 0.0222

Ave. Voltage (Vs+Vt)/2 = 0.0366

Ave. SAR over 1 g (mW/g) = 1.1012

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101743_ZOOM.VLT
Start : 17-Oct-101 05:25:16 pm End : 17-Oct-101 05:33:16 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.0 dBm
SEWON TRI-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 = -4.500, Z = 0.000 (cm) Value = 35.655

Measured Values (volts) =
3.466E-002 2.647E-002 2.171E-002 1.860E-002 1.565E-002 1.333E-002
1.119E-002 9.203E-003 8.025E-003 7.288E-003 6.257E-003 5.731E-003
5.436E-003 4.875E-003 4.257E-003 4.130E-003 3.695E-003 2.963E-003
2.420E-003 1.997E-003 2.063E-003

Calc. Voltage @ Surface (Vs) = 0.0418

Voltage @ 1.00 cm (Vt) = 0.0180

Ave. Voltage (Vs+Vt)/2 = 0.0299

Ave. SAR over 1 g (mW/g) = 0.9000

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101730_ZOOM.VLT
Start : 17-Oct-101 03:08:31 pm End : 17-Oct-101 03:18:14 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -0.500, Y = -2.500, Z = 0.000 (cm) Value = 48.019

Measured Values (volts) =
4.648E-002 3.526E-002 2.837E-002 2.307E-002 1.967E-002 1.708E-002
1.456E-002 1.242E-002 1.064E-002 8.645E-003 7.251E-003 5.908E-003
4.954E-003 4.080E-003 3.794E-003 3.617E-003 3.358E-003 3.552E-003
3.253E-003 3.329E-003 3.150E-003

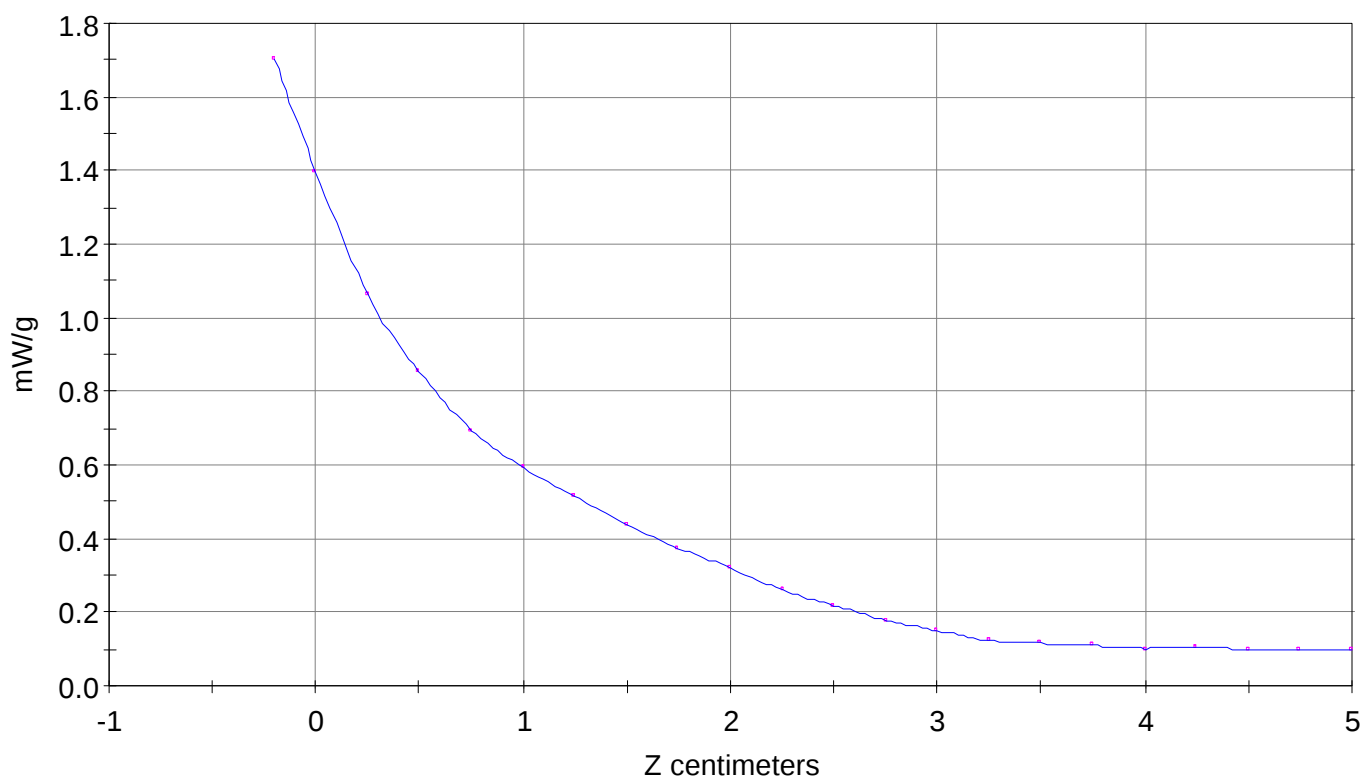
Calc. Voltage @ Surface (Vs) = 0.0567

Voltage @ 1.00 cm (Vt) = 0.0224

Ave. Voltage (Vs+Vt)/2 = 0.0395

Ave. SAR over 1 g (mW/g) = 1.1893

SAR Scan
File : 01101730_ZOOM
Start : 17-Oct-101 03:08:31 pm End : 17-Oct-101 03:18:14 pm
SEWON/CTE-310X/2;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

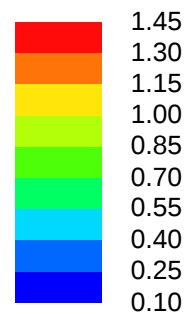
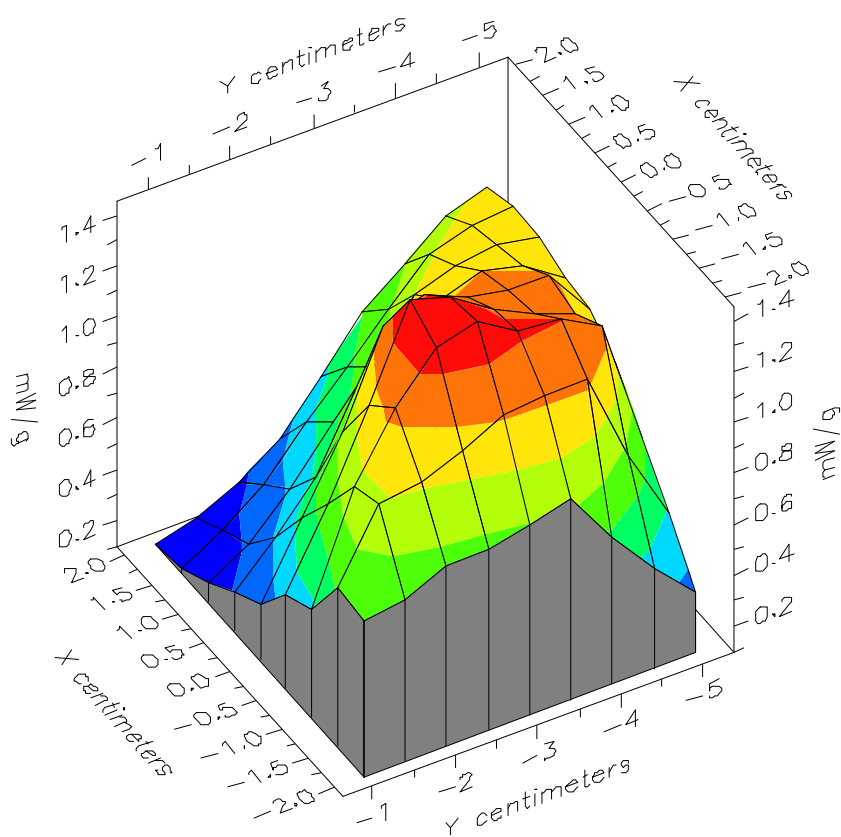


File : 01101730_ZOOM

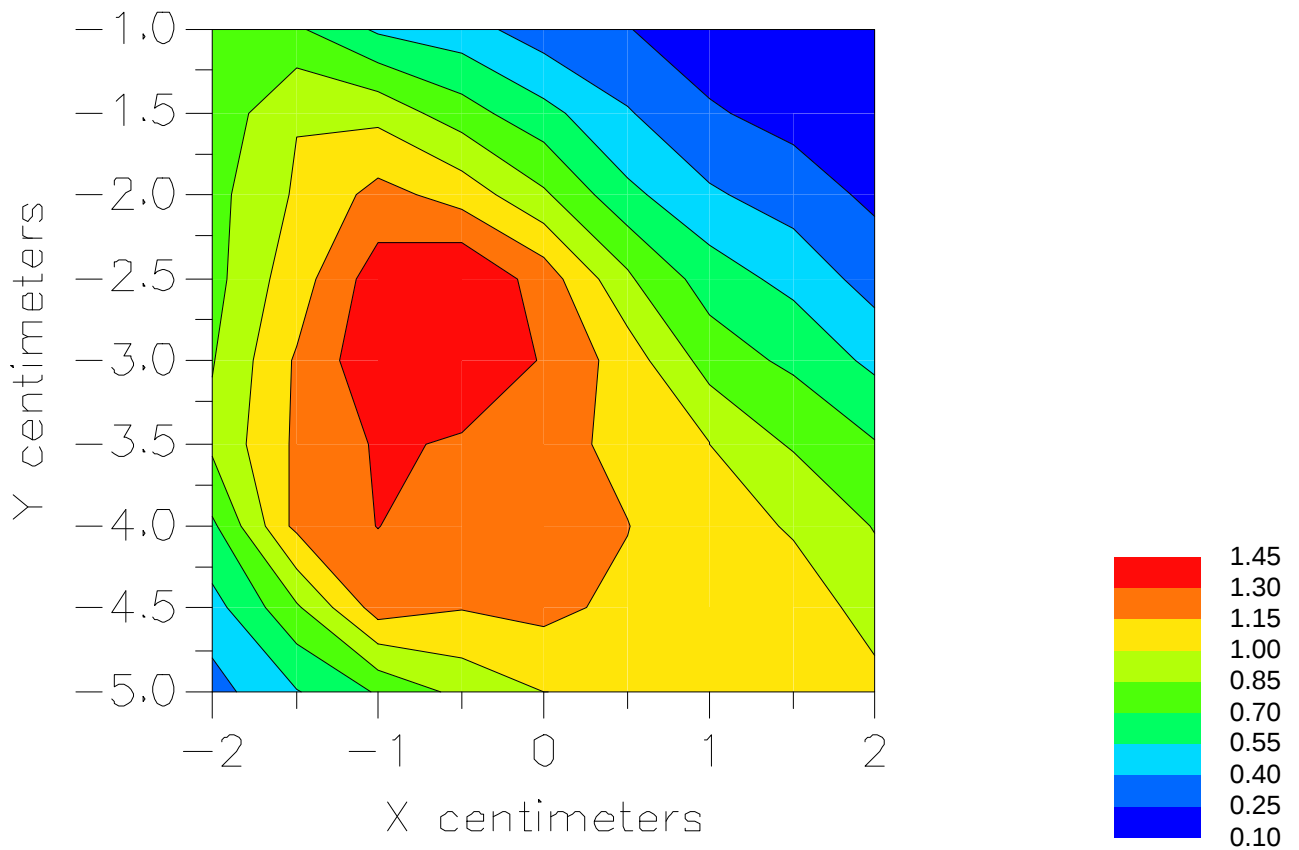
Start : 17-Oct-101 03:08:31 pm End : 17-Oct-101 03:18:14 pm

SEWON/CTE-310X/2;824.04MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : 01101730_ZOOM
Start : 17-Oct-101 03:08:31 pm End : 17-Oct-101 03:18:14 pm
SEWON/CTE-310X/2;824.04MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101605_ZOOM.VLT
Start : 16-Oct-101 12:22:55 pm End : 16-Oct-101 12:32:40 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -0.500, Y = -2.500, Z = 0.000 (cm) Value = 47.142

Measured Values (volts) =
4.603E-002 3.493E-002 2.830E-002 2.289E-002 1.907E-002 1.641E-002
1.362E-002 1.176E-002 9.761E-003 8.044E-003 6.586E-003 5.393E-003
4.320E-003 3.932E-003 3.097E-003 3.311E-003 3.065E-003 3.187E-003
2.952E-003 2.862E-003 2.684E-003

Calc. Voltage @ Surface (Vs) = 0.0559

Voltage @ 1.00 cm (Vt) = 0.0221

Ave. Voltage (Vs+Vt)/2 = 0.0390

Ave. SAR over 1 g (mW/g) = 1.1746

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101728_ZOOM.VLT
Start : 17-Oct-101 02:46:12 pm End : 17-Oct-101 02:55:55 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -0.500, Y = -2.500, Z = 0.000 (cm) Value = 39.442

Measured Values (volts) =
3.903E-002 2.893E-002 2.344E-002 1.881E-002 1.599E-002 1.346E-002
1.146E-002 9.663E-003 8.438E-003 6.827E-003 5.925E-003 4.551E-003
3.968E-003 3.137E-003 2.998E-003 2.735E-003 2.460E-003 2.747E-003
2.604E-003 2.524E-003 2.360E-003

Calc. Voltage @ Surface (Vs) = 0.0479

Voltage @ 1.00 cm (Vt) = 0.0182

Ave. Voltage (Vs+Vt)/2 = 0.0331

Ave. SAR over 1 g (mW/g) = 0.9953

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101729_ZOOM.VLT
Start : 17-Oct-101 02:56:52 pm End : 17-Oct-101 03:06:35 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -0.500, Y = -2.500, Z = 0.000 (cm) Value = 34.950

Measured Values (volts) =
3.364E-002 2.604E-002 2.086E-002 1.727E-002 1.462E-002 1.263E-002
1.106E-002 9.297E-003 8.274E-003 6.722E-003 5.484E-003 4.709E-003
3.903E-003 3.296E-003 3.012E-003 2.906E-003 2.715E-003 2.924E-003
2.837E-003 2.791E-003 2.515E-003

Calc. Voltage @ Surface (Vs) = 0.0407

Voltage @ 1.00 cm (Vt) = 0.0167

Ave. Voltage (Vs+Vt)/2 = 0.0287

Ave. SAR over 1 g (mW/g) = 0.8646

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101727_ZOOM.VLT
Start : 17-Oct-101 02:28:58 pm End : 17-Oct-101 02:43:44 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -0.500, Y = -2.500, Z = 0.000 (cm) Value = 43.581

Measured Values (volts) =
4.069E-002 3.192E-002 2.550E-002 2.028E-002 1.700E-002 1.431E-002
1.220E-002 1.023E-002 8.860E-003 7.297E-003 6.288E-003 5.079E-003
4.185E-003 3.489E-003 2.943E-003 2.893E-003 2.578E-003 2.756E-003
2.536E-003 2.671E-003 2.634E-003

Calc. Voltage @ Surface (Vs) = 0.0491

Voltage @ 1.00 cm (Vt) = 0.0196

Ave. Voltage (Vs+Vt)/2 = 0.0343

Ave. SAR over 1 g (mW/g) = 1.0334

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101603_ZOOM.VLT
Start : 16-Oct-101 12:06:45 pm End : 16-Oct-101 12:20:24 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -0.500, Y = -2.500, Z = 0.000 (cm) Value = 39.090

Measured Values (volts) =
3.980E-002 2.998E-002 2.406E-002 1.951E-002 1.629E-002 1.395E-002
1.161E-002 9.877E-003 8.258E-003 6.904E-003 5.640E-003 4.642E-003
3.588E-003 3.297E-003 2.860E-003 2.806E-003 2.801E-003 2.670E-003
2.620E-003 2.370E-003 2.422E-003

Calc. Voltage @ Surface (Vs) = 0.0487

Voltage @ 1.00 cm (Vt) = 0.0189

Ave. Voltage (Vs+Vt)/2 = 0.0338

Ave. SAR over 1 g (mW/g) = 1.0166

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101732_ZOOM.VLT
Start : 17-Oct-101 03:24:34 pm End : 17-Oct-101 03:34:18 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.0 dBm
SEWON TRI-MODE PHONE - TILT

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 = -0.500, Y = -2.500, Z = 0.000 (cm) Value = 34.958

Measured Values (volts) =
3.527E-002 2.575E-002 2.091E-002 1.684E-002 1.429E-002 1.187E-002
1.039E-002 8.749E-003 7.573E-003 6.043E-003 5.395E-003 4.393E-003
3.660E-003 3.011E-003 2.752E-003 2.648E-003 2.517E-003 2.399E-003
2.447E-003 2.346E-003 2.589E-003

Calc. Voltage @ Surface (Vs) = 0.0435

Voltage @ 1.00 cm (Vt) = 0.0163

Ave. Voltage (Vs+Vt)/2 = 0.0299

Ave. SAR over 1 g (mW/g) = 0.9007

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101733_ZOOM.VLT
Start : 17-Oct-101 03:36:06 pm End : 17-Oct-101 03:45:51 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 41.500
Mixture Conductivity = 0.900

Comment :
SEWON TRI-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.0 dBm
SEWON TRI-MODE PHONE - TILT

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 = -0.500, Y = -2.500, Z = 0.000 (cm) Value = 29.992

Measured Values (volts) =
2.867E-002 2.170E-002 1.755E-002 1.472E-002 1.221E-002 1.107E-002
9.498E-003 7.928E-003 6.991E-003 5.688E-003 5.006E-003 3.922E-003
3.449E-003 2.906E-003 2.689E-003 2.472E-003 2.483E-003 2.674E-003
2.688E-003 2.442E-003 2.156E-003

Calc. Voltage @ Surface (Vs) = 0.0349

Voltage @ 1.00 cm (Vt) = 0.0142

Ave. Voltage (Vs+Vt)/2 = 0.0246

Ave. SAR over 1 g (mW/g) = 0.7391

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101825_ZOOM.VLT
Start : 18-Oct-101 05:05:39 pm End : 18-Oct-101 05:23:01 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-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 = -1.000, Y = -1.000, Z = 0.000 (cm) Value = 34.829

Measured Values (volts) =
3.181E-002 2.371E-002 1.984E-002 1.701E-002 1.459E-002 1.259E-002
1.098E-002 9.419E-003 7.944E-003 6.611E-003 5.607E-003 4.800E-003
4.005E-003 3.128E-003 2.757E-003 2.567E-003 2.077E-003 2.216E-003
1.860E-003 1.464E-003 1.283E-003

Calc. Voltage @ Surface (Vs) = 0.0385

Voltage @ 1.00 cm (Vt) = 0.0165

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

Ave. SAR over 1 g (mW/g) = 0.8276

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101826_ZOOM.VLT
Start : 18-Oct-101 05:23:36 pm End : 18-Oct-101 05:41:01 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-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 = -1.000, Y = -1.000, Z = 0.000 (cm) Value = 30.033

Measured Values (volts) =
2.769E-002 2.035E-002 1.709E-002 1.477E-002 1.255E-002 1.095E-002
9.193E-003 8.144E-003 6.876E-003 5.889E-003 4.630E-003 4.067E-003
3.422E-003 2.866E-003 2.304E-003 2.127E-003 1.831E-003 1.814E-003
1.614E-003 1.213E-003 1.136E-003

Calc. Voltage @ Surface (Vs) = 0.0336

Voltage @ 1.00 cm (Vt) = 0.0143

Ave. Voltage (Vs+Vt)/2 = 0.0240

Ave. SAR over 1 g (mW/g) = 0.7217

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101829_ZOOM.VLT
Start : 18-Oct-101 06:06:59 pm End : 18-Oct-101 06:17:16 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-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 = -0.500, Y = -1.000, Z = 0.000 (cm) Value = 29.612

Measured Values (volts) =
2.870E-002 2.077E-002 1.728E-002 1.494E-002 1.302E-002 1.146E-002
1.022E-002 8.753E-003 7.848E-003 6.649E-003 5.937E-003 5.099E-003
4.444E-003 4.027E-003 3.212E-003 3.136E-003 3.062E-003 2.686E-003
2.651E-003 2.449E-003 2.243E-003

Calc. Voltage @ Surface (Vs) = 0.0352

Voltage @ 1.00 cm (Vt) = 0.0146

Ave. Voltage (Vs+Vt)/2 = 0.0249

Ave. SAR over 1 g (mW/g) = 0.7491

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101830_ZOOM.VLT
Start : 18-Oct-101 06:17:48 pm End : 18-Oct-101 06:28:03 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-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 = 0.000, Y = -1.000, Z = 0.000 (cm) Value = 27.149

Measured Values (volts) =
2.752E-002 2.056E-002 1.722E-002 1.459E-002 1.279E-002 1.134E-002
1.009E-002 8.726E-003 7.814E-003 7.098E-003 6.008E-003 5.118E-003
4.594E-003 4.169E-003 3.565E-003 3.461E-003 3.118E-003 2.977E-003
2.743E-003 2.916E-003 2.466E-003

Calc. Voltage @ Surface (Vs) = 0.0332

Voltage @ 1.00 cm (Vt) = 0.0142

Ave. Voltage (Vs+Vt)/2 = 0.0237

Ave. SAR over 1 g (mW/g) = 0.7141

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101827_ZOOM.VLT
Start : 18-Oct-101 05:43:33 pm End : 18-Oct-101 05:53:48 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-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 = 0.000, Y = -1.000, Z = 0.000 (cm) Value = 32.834

Measured Values (volts) =
3.270E-002 2.422E-002 1.988E-002 1.736E-002 1.480E-002 1.325E-002
1.152E-002 1.035E-002 9.057E-003 7.901E-003 6.816E-003 5.963E-003
5.235E-003 4.653E-003 4.276E-003 3.706E-003 3.688E-003 3.417E-003
3.259E-003 3.098E-003 2.892E-003

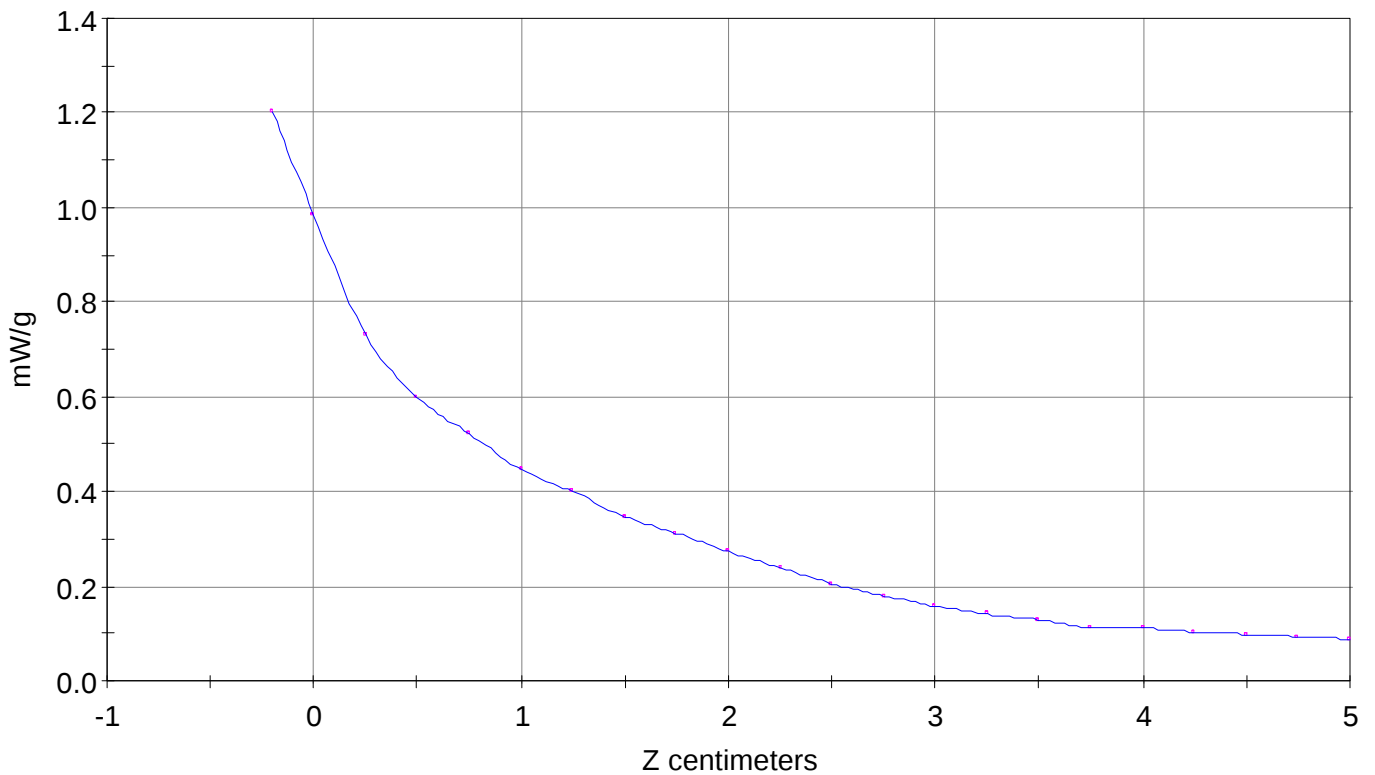
Calc. Voltage @ Surface (Vs) = 0.0399

Voltage @ 1.00 cm (Vt) = 0.0168

Ave. Voltage (Vs+Vt)/2 = 0.0284

Ave. SAR over 1 g (mW/g) = 0.8544

SAR Scan
File : 01101827_ZOOM
Start : 18-Oct-101 05:43:33 pm End : 18-Oct-101 05:53:48 pm
SEWON/CTE-310X/2;848.97MHz;W;Helical/In;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

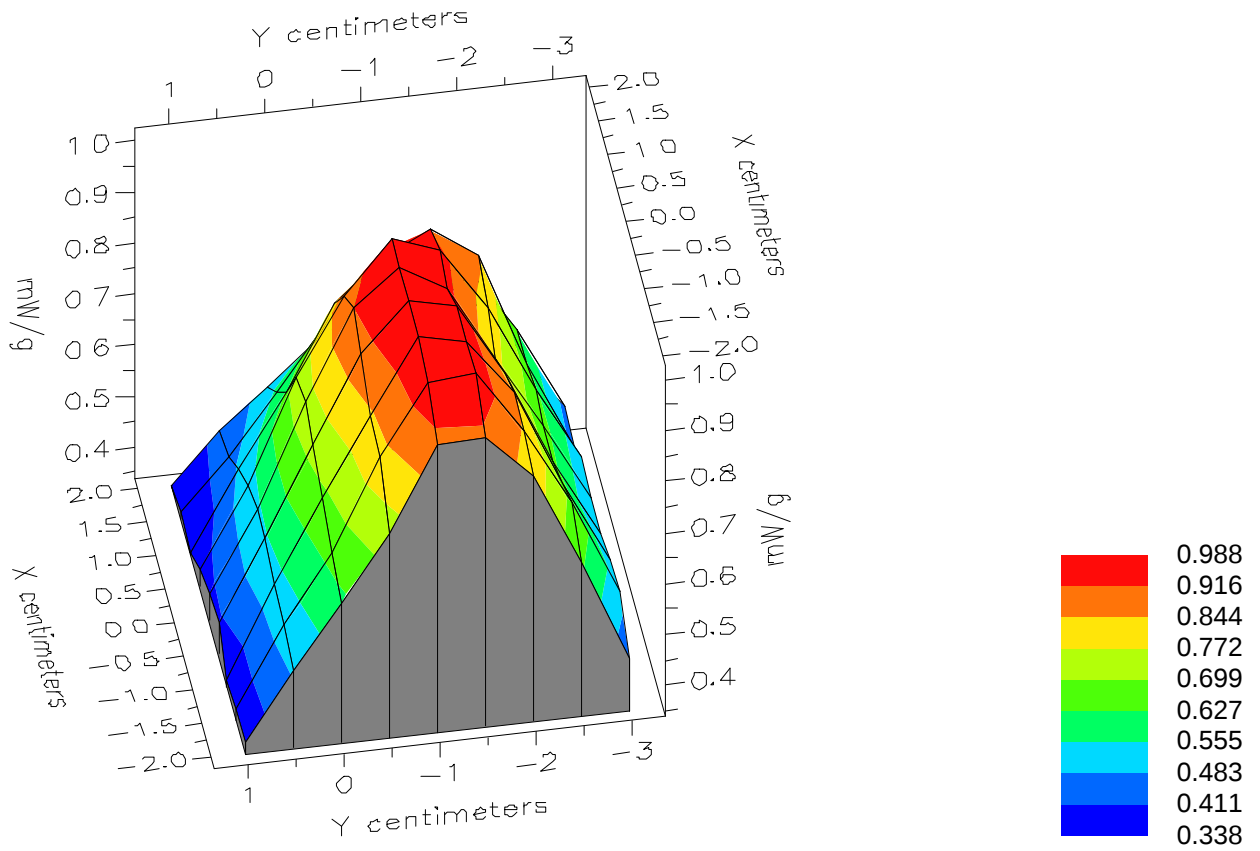


File : 01101827_ZOOM

Start : 18-Oct-101 05:43:33 pm End : 18-Oct-101 05:53:48 pm

SEWON/CTE-310X/2;848.97MHz;W;Helical/In;

Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

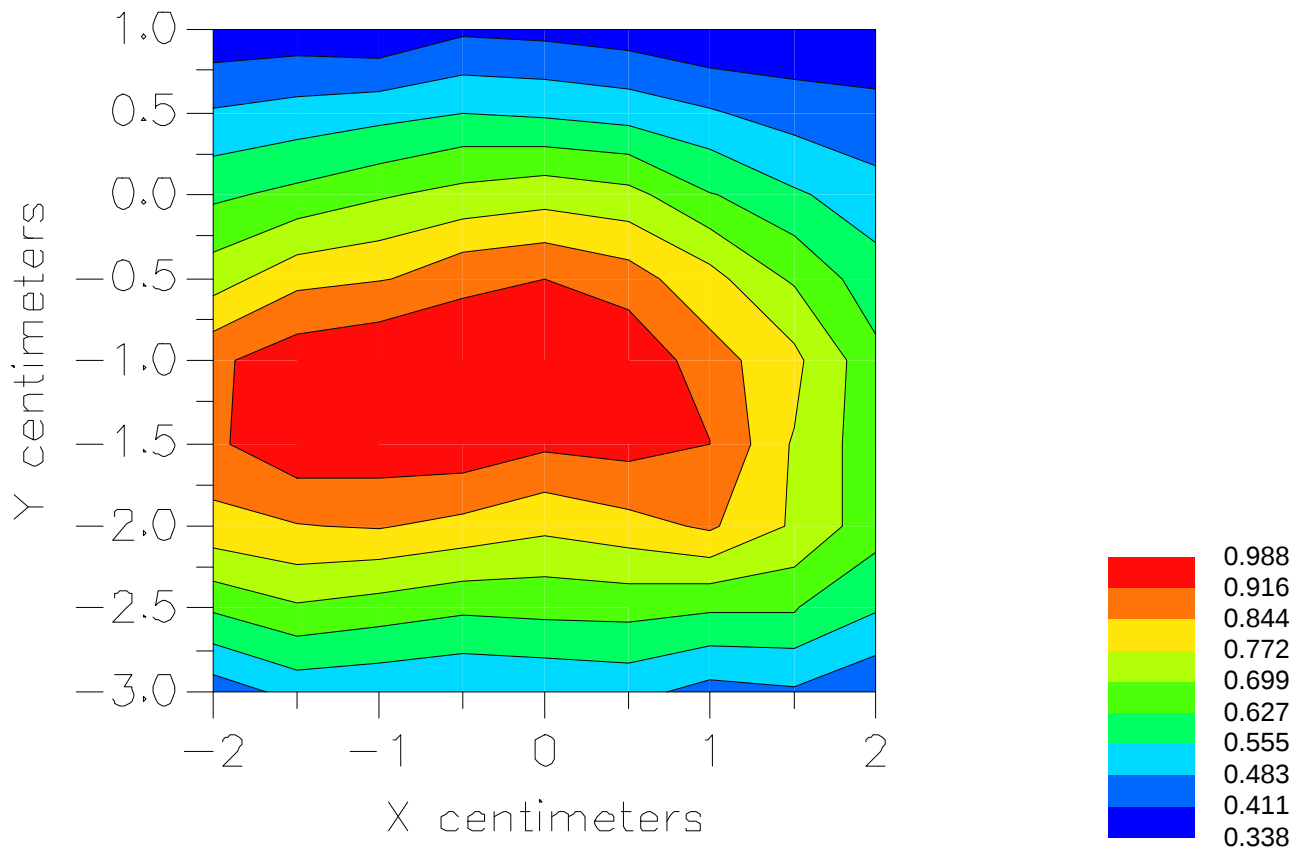


File : 01101827_ZOOM

Start : 18-Oct-101 05:43:33 pm End : 18-Oct-101 05:53:48 pm

SEWON/CTE-310X/2;848.97MHz;W;Helical/In;

Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101828_ZOOM.VLT
Start : 18-Oct-101 05:54:22 pm End : 18-Oct-101 06:04:38 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-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 = 0.500, Y = -1.000, Z = 0.000 (cm) Value = 28.728

Measured Values (volts) =
2.826E-002 2.047E-002 1.741E-002 1.481E-002 1.321E-002 1.151E-002
1.023E-002 9.193E-003 8.175E-003 6.952E-003 6.534E-003 5.401E-003
4.957E-003 4.395E-003 3.923E-003 3.826E-003 3.513E-003 3.424E-003
3.139E-003 3.072E-003 2.760E-003

Calc. Voltage @ Surface (Vs) = 0.0344

Voltage @ 1.00 cm (Vt) = 0.0145

Ave. Voltage (Vs+Vt)/2 = 0.0244

Ave. SAR over 1 g (mW/g) = 0.7355

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101824_ZOOM.VLT
Start : 18-Oct-101 04:45:58 pm End : 18-Oct-101 05:03:20 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
SEWON TRI-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.0 dBm
SEWON TRI-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 = 0.000, Y = -1.000, Z = 0.000 (cm) Value = 23.719

Measured Values (volts) =
2.359E-002 1.781E-002 1.499E-002 1.230E-002 1.091E-002 9.516E-003
8.364E-003 7.214E-003 6.528E-003 5.690E-003 5.053E-003 4.120E-003
3.881E-003 2.982E-003 2.937E-003 2.490E-003 2.281E-003 2.357E-003
2.272E-003 2.336E-003 2.019E-003

Calc. Voltage @ Surface (Vs) = 0.0283

Voltage @ 1.00 cm (Vt) = 0.0120

Ave. Voltage (Vs+Vt)/2 = 0.0202

Ave. SAR over 1 g (mW/g) = 0.6069

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101831_ZOOM.VLT
Start : 18-Oct-101 06:30:53 pm End : 18-Oct-101 06:41:10 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
SEWON TRI-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.0 dBm
SEWON TRI-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 = 0.000, Y = -1.000, Z = 0.000 (cm) Value = 21.336

Measured Values (volts) =
2.111E-002 1.546E-002 1.310E-002 1.091E-002 9.776E-003 8.585E-003
7.700E-003 6.525E-003 6.053E-003 5.362E-003 4.624E-003 4.113E-003
3.658E-003 3.237E-003 3.195E-003 2.653E-003 2.568E-003 2.530E-003
2.381E-003 2.358E-003 2.181E-003

Calc. Voltage @ Surface (Vs) = 0.0256

Voltage @ 1.00 cm (Vt) = 0.0107

Ave. Voltage (Vs+Vt)/2 = 0.0181

Ave. SAR over 1 g (mW/g) = 0.5459

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101815_ZOOM.VLT
Start : 18-Oct-101 02:43:43 pm End : 18-Oct-101 03:01:34 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -1.500, Z = 0.000 (cm) Value = 26.267

Measured Values (volts) =
2.548E-002 1.829E-002 1.503E-002 1.301E-002 1.123E-002 9.497E-003
8.302E-003 7.339E-003 6.556E-003 5.523E-003 4.825E-003 4.152E-003
3.345E-003 2.802E-003 2.454E-003 2.048E-003 2.003E-003 1.627E-003
1.519E-003 1.680E-003 1.191E-003

Calc. Voltage @ Surface (Vs) = 0.0315

Voltage @ 1.00 cm (Vt) = 0.0127

Ave. Voltage (Vs+Vt)/2 = 0.0221

Ave. SAR over 1 g (mW/g) = 0.6649

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101816_ZOOM.VLT
Start : 18-Oct-101 03:02:24 pm End : 18-Oct-101 03:12:34 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -1.500, Z = 0.000 (cm) Value = 24.451

Measured Values (volts) =
2.403E-002 1.759E-002 1.466E-002 1.244E-002 1.067E-002 9.224E-003
8.083E-003 7.260E-003 6.244E-003 5.443E-003 4.902E-003 4.062E-003
3.542E-003 2.651E-003 2.403E-003 2.022E-003 1.760E-003 1.711E-003
1.607E-003 1.352E-003 1.531E-003

Calc. Voltage @ Surface (Vs) = 0.0293

Voltage @ 1.00 cm (Vt) = 0.0121

Ave. Voltage (Vs+Vt)/2 = 0.0207

Ave. SAR over 1 g (mW/g) = 0.6232

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101817_ZOOM.VLT
Start : 18-Oct-101 03:14:17 pm End : 18-Oct-101 03:24:25 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = 1.000, Y = -1.500, Z = 0.000 (cm) Value = 25.192

Measured Values (volts) =
2.432E-002 1.787E-002 1.503E-002 1.334E-002 1.150E-002 1.027E-002
8.831E-003 8.061E-003 6.973E-003 6.224E-003 5.227E-003 4.444E-003
3.633E-003 3.359E-003 2.889E-003 2.275E-003 2.053E-003 2.355E-003
2.322E-003 2.037E-003 2.133E-003

Calc. Voltage @ Surface (Vs) = 0.0295

Voltage @ 1.00 cm (Vt) = 0.0130

Ave. Voltage (Vs+Vt)/2 = 0.0213

Ave. SAR over 1 g (mW/g) = 0.6396

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101818_ZOOM.VLT
Start : 18-Oct-101 03:25:12 pm End : 18-Oct-101 03:35:21 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -1.500, Z = 0.000 (cm) Value = 24.547

Measured Values (volts) =
2.385E-002 1.711E-002 1.452E-002 1.233E-002 1.084E-002 9.147E-003
8.369E-003 7.343E-003 6.223E-003 5.657E-003 5.158E-003 4.061E-003
3.807E-003 2.857E-003 2.780E-003 2.427E-003 1.941E-003 1.665E-003
1.948E-003 2.004E-003 1.533E-003

Calc. Voltage @ Surface (Vs) = 0.0292

Voltage @ 1.00 cm (Vt) = 0.0120

Ave. Voltage (Vs+Vt)/2 = 0.0206

Ave. SAR over 1 g (mW/g) = 0.6200

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101819_ZOOM.VLT
Start : 18-Oct-101 03:37:10 pm End : 18-Oct-101 03:47:18 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -1.500, Z = 0.000 (cm) Value = 27.395

Measured Values (volts) =
2.773E-002 2.046E-002 1.686E-002 1.448E-002 1.236E-002 1.080E-002
9.409E-003 8.439E-003 7.019E-003 6.535E-003 5.752E-003 4.807E-003
4.290E-003 3.362E-003 2.884E-003 2.511E-003 2.333E-003 2.200E-003
1.725E-003 1.967E-003 1.608E-003

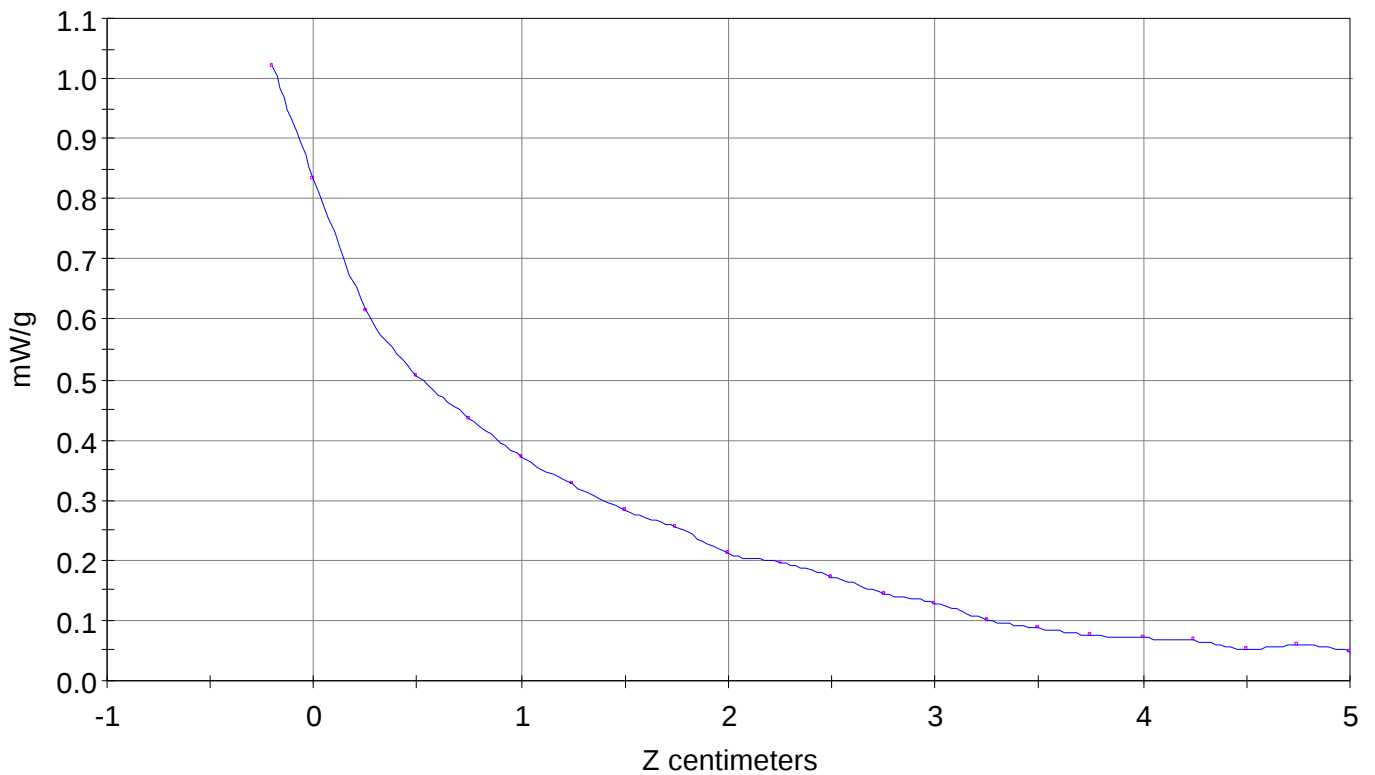
Calc. Voltage @ Surface (Vs) = 0.0339

Voltage @ 1.00 cm (Vt) = 0.0141

Ave. Voltage (Vs+Vt)/2 = 0.0240

Ave. SAR over 1 g (mW/g) = 0.7213

SAR Scan
File : 01101819_ZOOM
Start : 18-Oct-101 03:37:10 pm End : 18-Oct-101 03:47:18 pm
SEWON/CTE-310X/2;848.97MHz;W;Helical/In;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

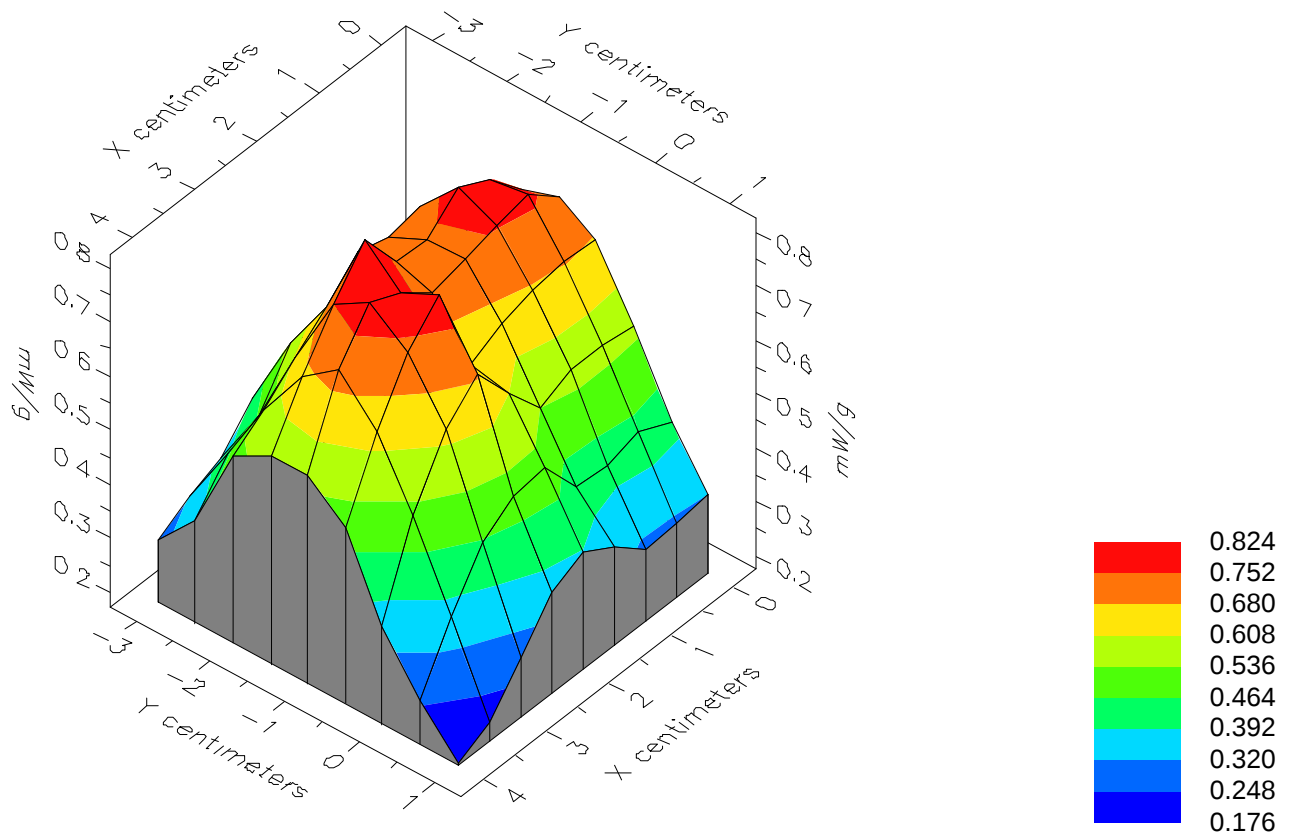


File : 01101819_ZOOM

Start : 18-Oct-101 03:37:10 pm End : 18-Oct-101 03:47:18 pm

SEWON/CTE-310X/2;848.97MHz;W;Helical/In;

Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

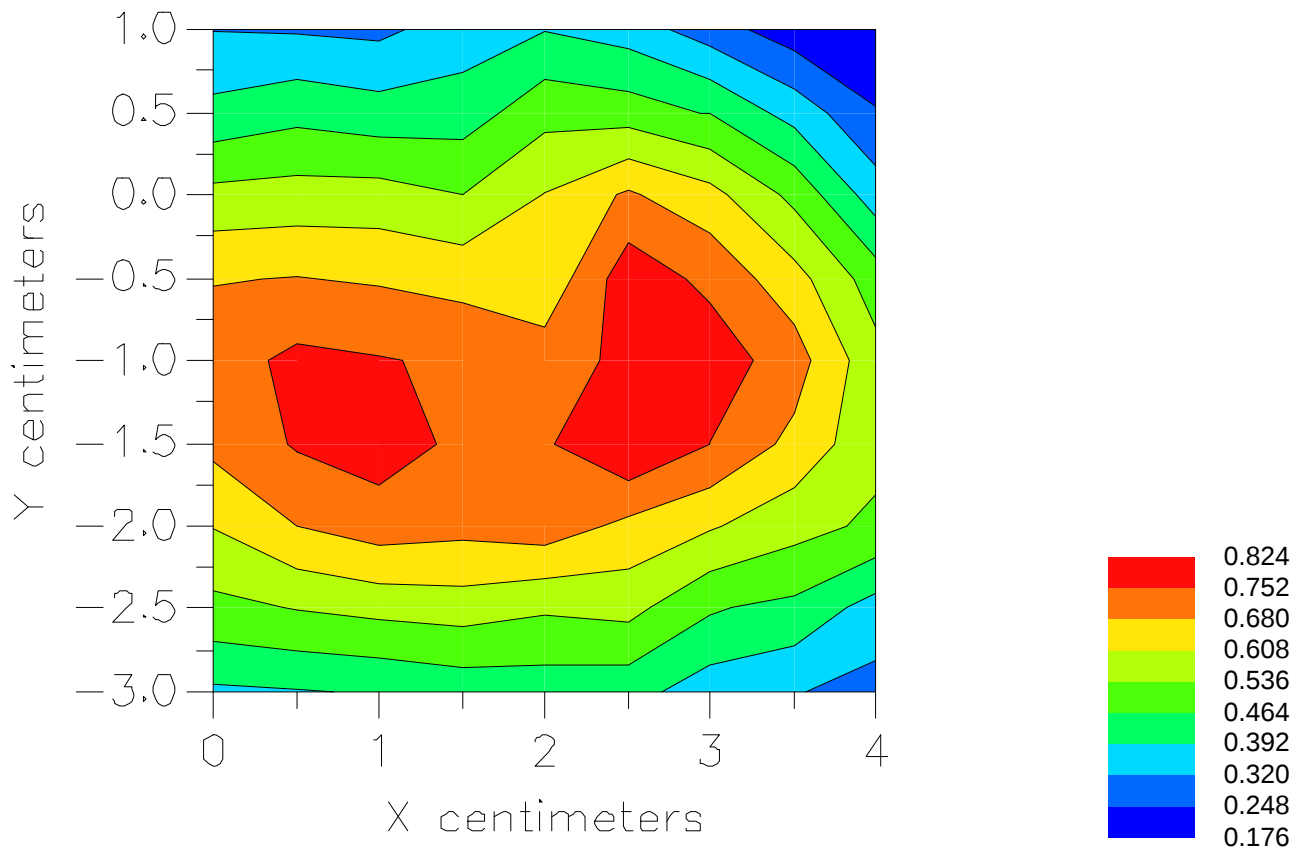


File : 01101819_ZOOM

Start : 18-Oct-101 03:37:10 pm End : 18-Oct-101 03:47:18 pm

SEWON/CTE-310X/2;848.97MHz;W;Helical/In;

Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101820_ZOOM.VLT
Start : 18-Oct-101 03:47:52 pm End : 18-Oct-101 03:57:59 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - TILT

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 = -1.500, Z = 0.000 (cm) Value = 24.042

Measured Values (volts) =
2.421E-002 1.838E-002 1.538E-002 1.304E-002 1.160E-002 9.837E-003
8.599E-003 7.709E-003 6.994E-003 6.179E-003 5.341E-003 4.737E-003
4.020E-003 3.348E-003 2.816E-003 2.566E-003 2.042E-003 2.252E-003
2.001E-003 1.943E-003 2.095E-003

Calc. Voltage @ Surface (Vs) = 0.0291

Voltage @ 1.00 cm (Vt) = 0.0128

Ave. Voltage (Vs+Vt)/2 = 0.0209

Ave. SAR over 1 g (mW/g) = 0.6290

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101822_ZOOM.VLT
Start : 18-Oct-101 04:12:19 pm End : 18-Oct-101 04:22:28 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 :
SEWON TRI-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.0 dBm
SEWON TRI-MODE PHONE - TILT

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 = -1.500, Z = 0.000 (cm) Value = 21.322

Measured Values (volts) =
2.100E-002 1.529E-002 1.258E-002 1.064E-002 9.130E-003 8.001E-003
7.040E-003 6.097E-003 5.495E-003 4.641E-003 4.246E-003 3.736E-003
2.884E-003 2.558E-003 2.276E-003 1.802E-003 1.564E-003 1.648E-003
1.303E-003 1.398E-003 2.358E-003

Calc. Voltage @ Surface (Vs) = 0.0258

Voltage @ 1.00 cm (Vt) = 0.0103

Ave. Voltage (Vs+Vt)/2 = 0.0181

Ave. SAR over 1 g (mW/g) = 0.5440

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101823_ZOOM.VLT
Start : 18-Oct-101 04:22:57 pm End : 18-Oct-101 04:33:06 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr : 0.320 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 :
SEWON TRI-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.0 dBm
SEWON TRI-MODE PHONE - TILT

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 = -1.500, Z = 0.000 (cm) Value = 17.652

Measured Values (volts) =
1.552E-002 1.214E-002 1.030E-002 8.909E-003 7.547E-003 6.759E-003
5.923E-003 5.084E-003 4.760E-003 4.091E-003 3.520E-003 2.962E-003
2.744E-003 2.256E-003 1.917E-003 1.776E-003 1.797E-003 1.424E-003
1.176E-003 1.257E-003 1.186E-003

Calc. Voltage @ Surface (Vs) = 0.0183

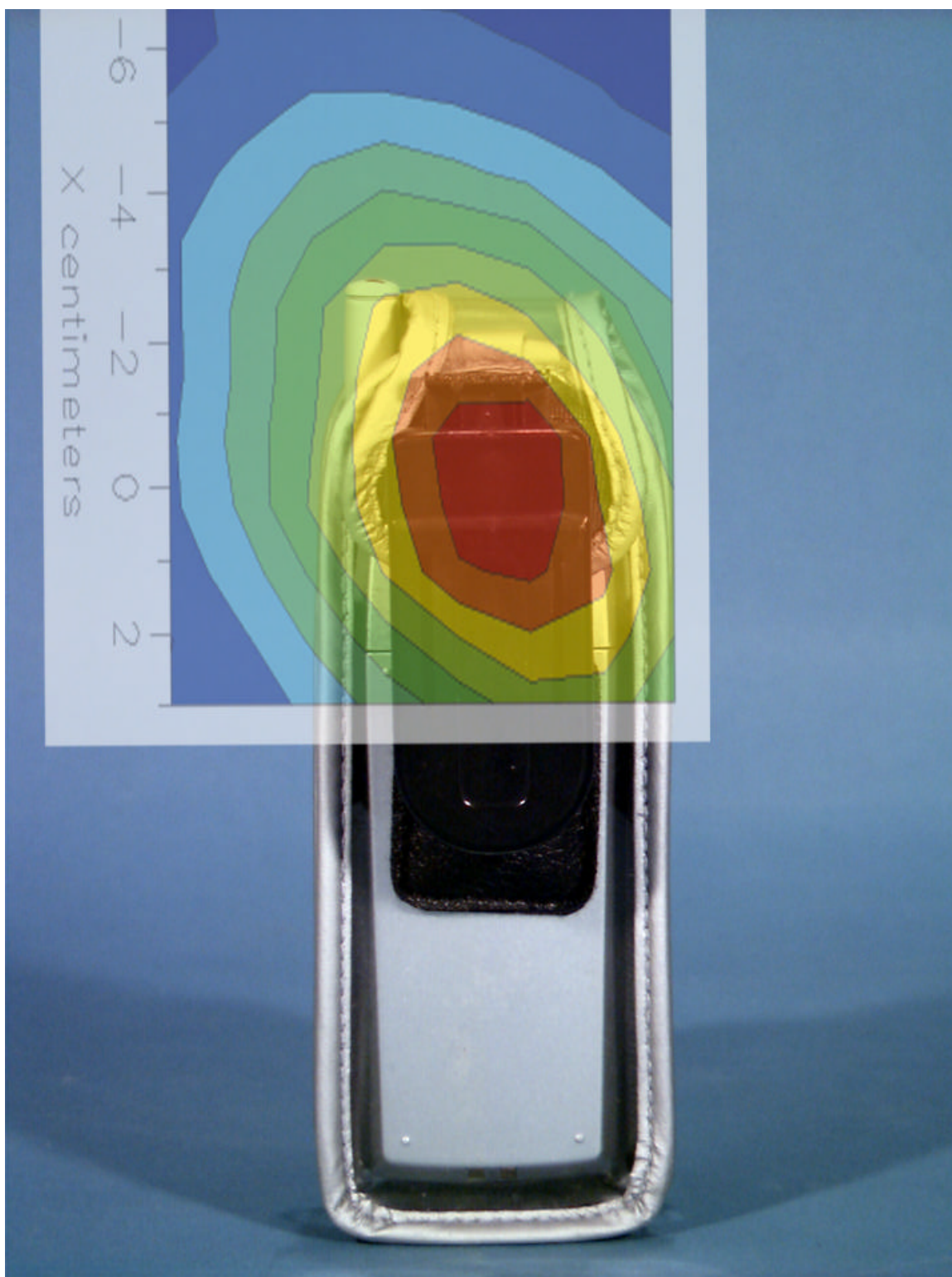
Voltage @ 1.00 cm (Vt) = 0.0086

Ave. Voltage (Vs+Vt)/2 = 0.0135

Ave. SAR over 1 g (mW/g) = 0.4053

Peak SAR Location

800 MHz Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101903_ZOOM.VLT
Start : 19-Oct-101 01:02:40 pm End : 19-Oct-101 01:18:44 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - BODY SAR

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 = 0.000, Y = 0.500, Z = 0.000 (cm) Value = 14.955

Measured Values (volts) =
1.304E-002 1.311E-002 1.118E-002 1.017E-002 9.058E-003 7.824E-003
6.359E-003 5.402E-003 4.575E-003 4.229E-003 3.983E-003 4.321E-003
4.419E-003 4.156E-003 3.838E-003 3.470E-003 2.705E-003 2.691E-003
2.354E-003 2.202E-003 2.536E-003

Calc. Voltage @ Surface (Vs) = 0.0139

Voltage @ 1.00 cm (Vt) = 0.0099

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

Ave. SAR over 1 g (mW/g) = 0.4671

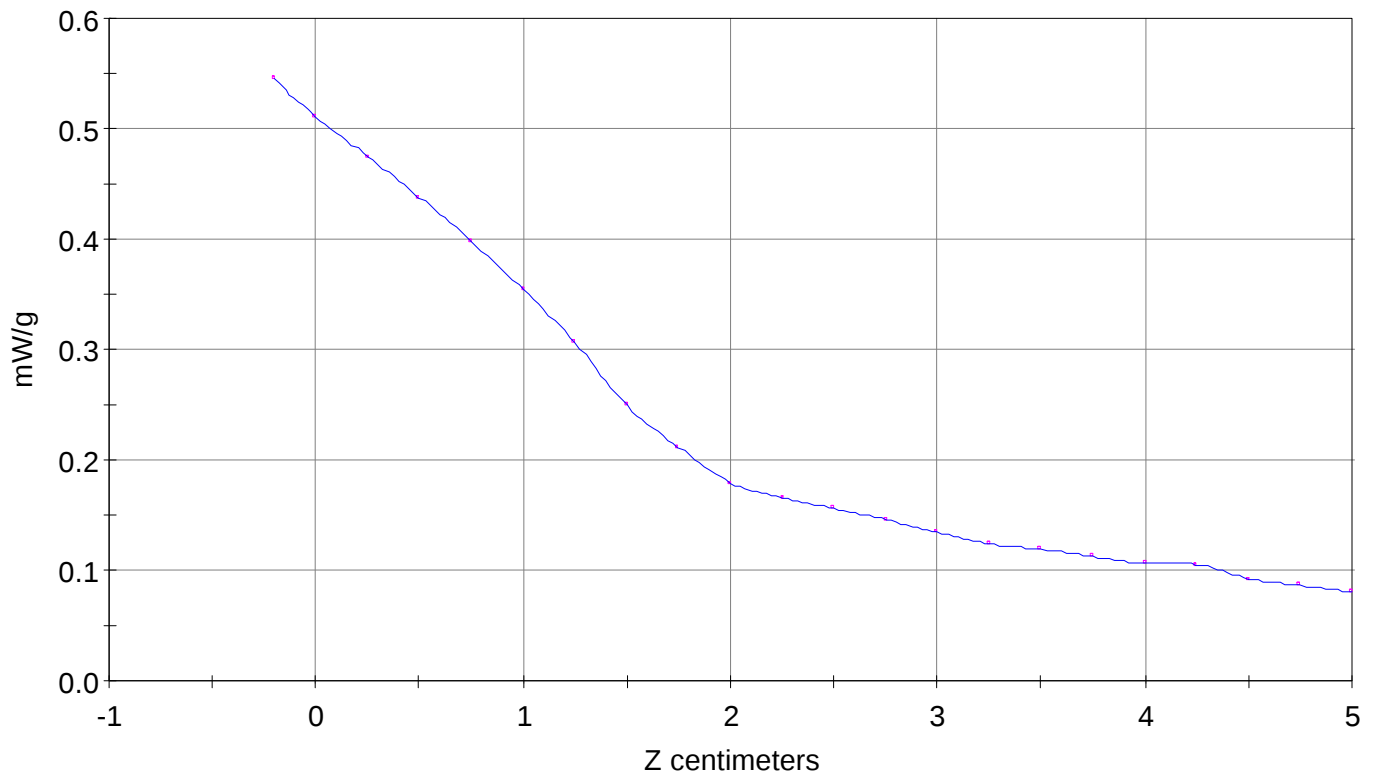
SAR Scan

File : 01101903_ZOOM

Start : 19-Oct-101 01:02:40 pm End : 19-Oct-101 01:18:44 pm

SEWON/CTE-310X/2;824.04MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

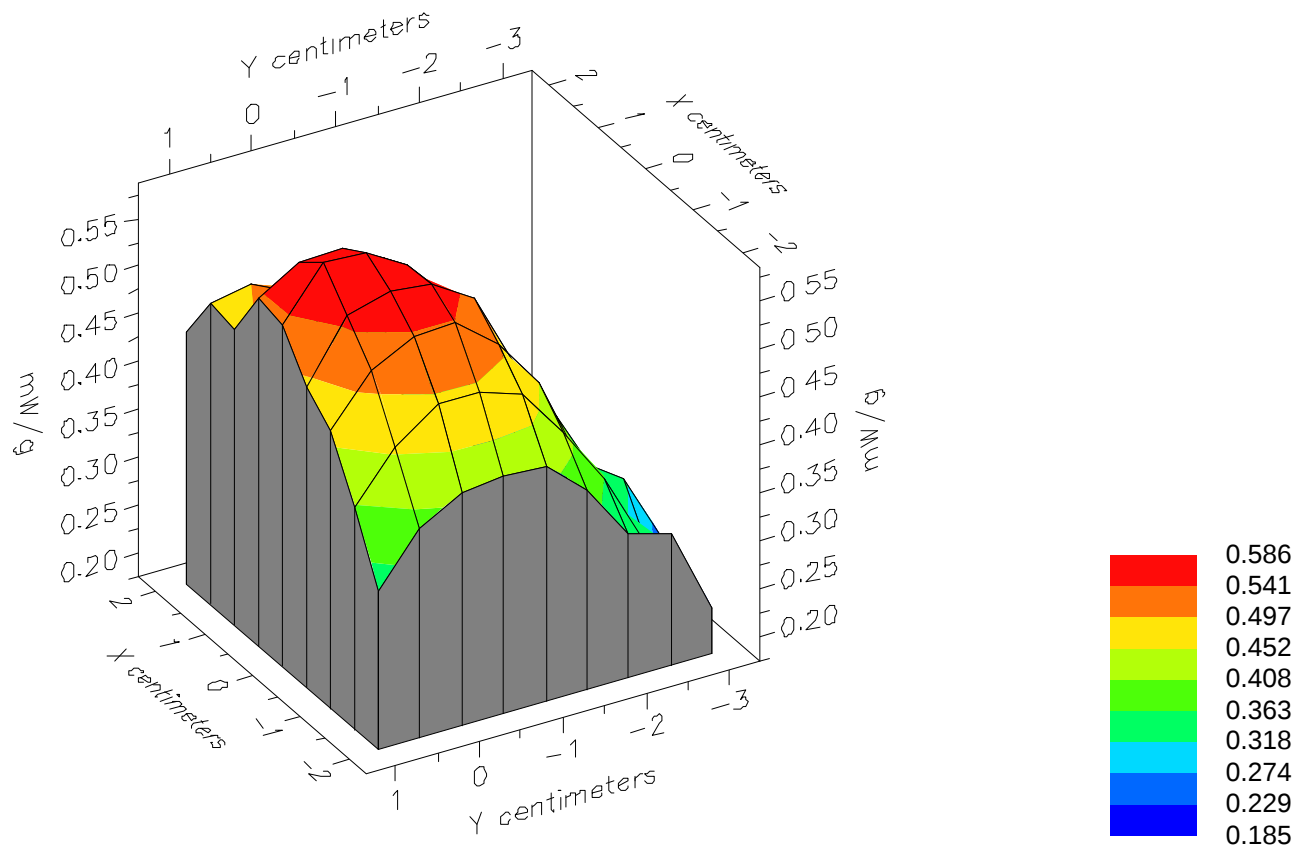


File : 01101903_ZOOM

Start : 19-Oct-101 01:02:40 pm End : 19-Oct-101 01:18:44 pm

SEWON/CTE-310X/2;824.04MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

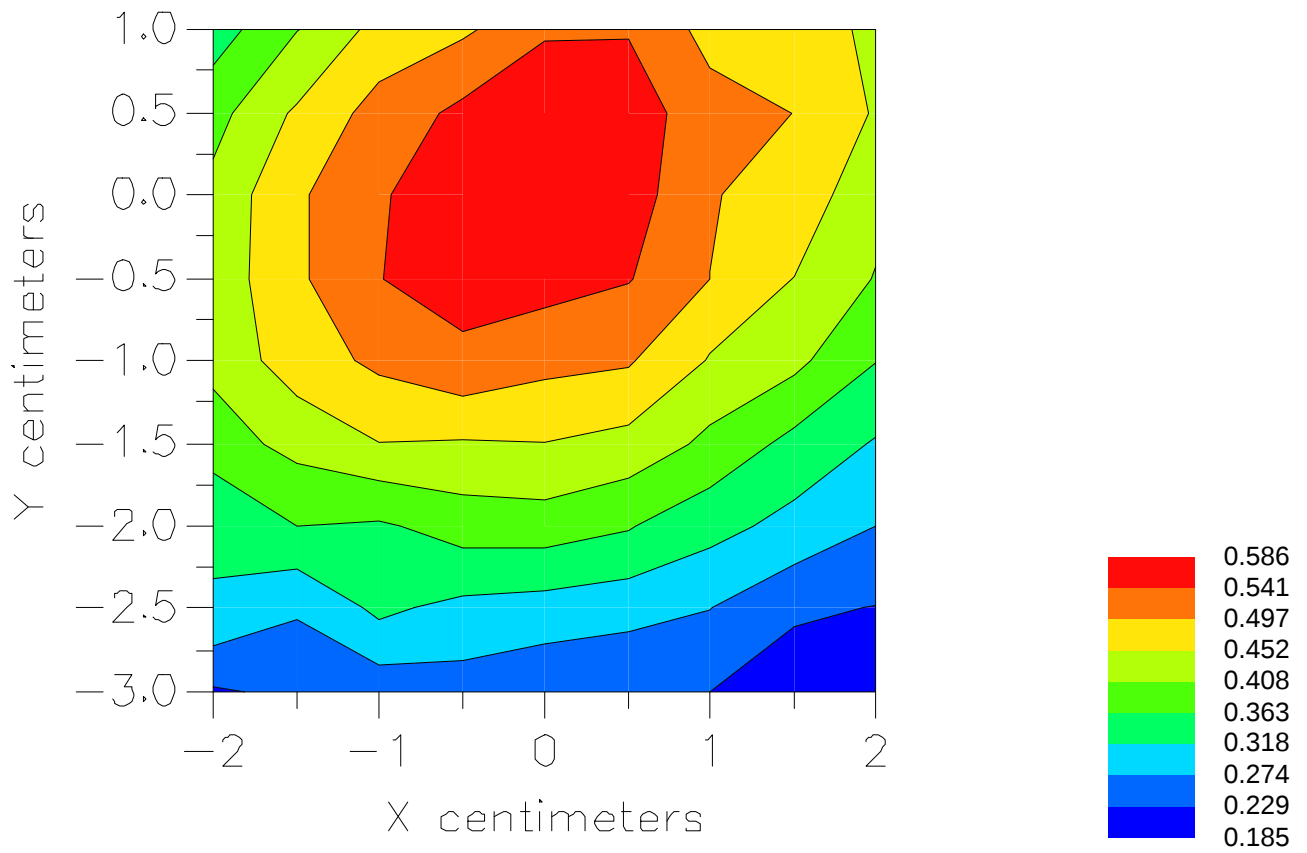


File : 01101903_ZOOM

Start : 19-Oct-101 01:02:40 pm End : 19-Oct-101 01:18:44 pm

SEWON/CTE-310X/2;824.04MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101901_ZOOM.VLT
Start : 19-Oct-101 12:03:37 pm End : 19-Oct-101 12:21:56 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - BODY SAR

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 = -0.500, Y = -1.000, Z = 0.000 (cm) Value = 10.518

Measured Values (volts) =
9.826E-003 8.774E-003 7.841E-003 6.344E-003 5.878E-003 4.789E-003
4.357E-003 3.579E-003 3.223E-003 3.578E-003 3.821E-003 3.971E-003
3.810E-003 3.409E-003 2.951E-003 2.727E-003 2.207E-003 2.091E-003
1.759E-003 2.396E-003 3.324E-003

Calc. Voltage @ Surface (Vs) = 0.0108

Voltage @ 1.00 cm (Vt) = 0.0063

Ave. Voltage (Vs+Vt)/2 = 0.0085

Ave. SAR over 1 g (mW/g) = 0.3330

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101906_ZOOM.VLT
Start : 19-Oct-101 01:53:31 pm End : 19-Oct-101 02:03:03 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - BODY SAR

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 = 0.000, Y = 0.000, Z = 0.000 (cm) Value = 9.766

Measured Values (volts) =
1.040E-002 9.125E-003 8.078E-003 7.234E-003 6.348E-003 5.393E-003
4.709E-003 4.088E-003 4.528E-003 3.122E-003 3.314E-003 3.464E-003
3.374E-003 3.239E-003 3.066E-003 2.829E-003 2.487E-003 1.973E-003
1.677E-003 2.076E-003 2.256E-003

Calc. Voltage @ Surface (Vs) = 0.0115

Voltage @ 1.00 cm (Vt) = 0.0071

Ave. Voltage (Vs+Vt)/2 = 0.0093

Ave. SAR over 1 g (mW/g) = 0.3635

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101907_ZOOM.VLT
Start : 19-Oct-101 02:03:27 pm End : 19-Oct-101 02:12:59 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0383 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - BODY SAR

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 = 0.000, Y = -0.500, Z = 0.000 (cm) Value = 9.482

Measured Values (volts) =
9.043E-003 8.165E-003 7.524E-003 6.530E-003 5.660E-003 5.046E-003
4.116E-003 3.504E-003 3.451E-003 3.214E-003 3.148E-003 3.794E-003
3.493E-003 3.403E-003 2.962E-003 2.923E-003 2.564E-003 1.994E-003
2.169E-003 2.233E-003 2.754E-003

Calc. Voltage @ Surface (Vs) = 0.0097

Voltage @ 1.00 cm (Vt) = 0.0064

Ave. Voltage (Vs+Vt)/2 = 0.0080

Ave. SAR over 1 g (mW/g) = 0.3151

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101904_ZOOM.VLT
Start : 19-Oct-101 01:22:29 pm End : 19-Oct-101 01:32:27 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr: 0.480 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - BODY SAR

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 = 0.000, Y = 0.000, Z = 0.000 (cm) Value = 11.903

Measured Values (volts) =
1.167E-002 1.031E-002 8.783E-003 8.137E-003 7.151E-003 6.092E-003
5.160E-003 4.549E-003 3.792E-003 3.710E-003 3.606E-003 3.389E-003
3.289E-003 3.555E-003 2.831E-003 2.609E-003 2.486E-003 1.919E-003
2.107E-003 2.356E-003 2.334E-003

Calc. Voltage @ Surface (Vs) = 0.0131

Voltage @ 1.00 cm (Vt) = 0.0079

Ave. Voltage (Vs+Vt)/2 = 0.0105

Ave. SAR over 1 g (mW/g) = 0.4114

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101905_ZOOM.VLT
Start : 19-Oct-101 01:33:33 pm End : 19-Oct-101 01:49:57 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.480 W
Start Trans. Pwr : 0.480 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SEWON TRI-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.8 dBm
SEWON TRI-MODE PHONE - BODY SAR

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 = 0.000, Y = -0.500, Z = 0.000 (cm) Value = 10.651

Measured Values (volts) =
1.021E-002 8.595E-003 7.259E-003 6.546E-003 6.061E-003 4.842E-003
4.359E-003 3.443E-003 3.272E-003 3.332E-003 3.573E-003 3.703E-003
3.538E-003 3.569E-003 3.302E-003 2.851E-003 2.361E-003 2.039E-003
2.326E-003 2.043E-003 2.591E-003

Calc. Voltage @ Surface (Vs) = 0.0117

Voltage @ 1.00 cm (Vt) = 0.0064

Ave. Voltage (Vs+Vt)/2 = 0.0091

Ave. SAR over 1 g (mW/g) = 0.3553

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101908_ZOOM.VLT
Start : 19-Oct-101 02:54:03 pm End : 19-Oct-101 03:03:36 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SEWON TRI-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.0 dBm
SEWON TRI-MODE PHONE - BODY SAR

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 = 0.000, Y = 0.500, Z = 0.000 (cm) Value = 8.703

Measured Values (volts) =
8.344E-003 8.285E-003 6.969E-003 6.435E-003 5.673E-003 4.957E-003
4.024E-003 3.391E-003 3.126E-003 3.112E-003 2.907E-003 2.884E-003
2.783E-003 2.923E-003 3.024E-003 2.662E-003 2.178E-003 1.864E-003
1.781E-003 1.786E-003 2.154E-003

Calc. Voltage @ Surface (Vs) = 0.0090

Voltage @ 1.00 cm (Vt) = 0.0063

Ave. Voltage (Vs+Vt)/2 = 0.0076

Ave. SAR over 1 g (mW/g) = 0.2991

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101909_ZOOM.VLT
Start : 19-Oct-101 03:04:09 pm End : 19-Oct-101 03:13:41 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.320 W
Start Trans. Pwr: 0.320 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 = 56.100
Mixture Conductivity = 0.950

Comment :
SEWON TRI-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.0 dBm
SEWON TRI-MODE PHONE - BODY SAR

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 = 0.000, Y = 0.500, Z = 0.000 (cm) Value = 7.617

Measured Values (volts) =
7.081E-003 6.959E-003 5.907E-003 5.339E-003 4.687E-003 4.094E-003
3.589E-003 3.010E-003 2.474E-003 2.631E-003 2.561E-003 2.724E-003
2.615E-003 2.664E-003 2.908E-003 2.469E-003 2.212E-003 2.045E-003
1.920E-003 1.912E-003 1.946E-003

Calc. Voltage @ Surface (Vs) = 0.0076

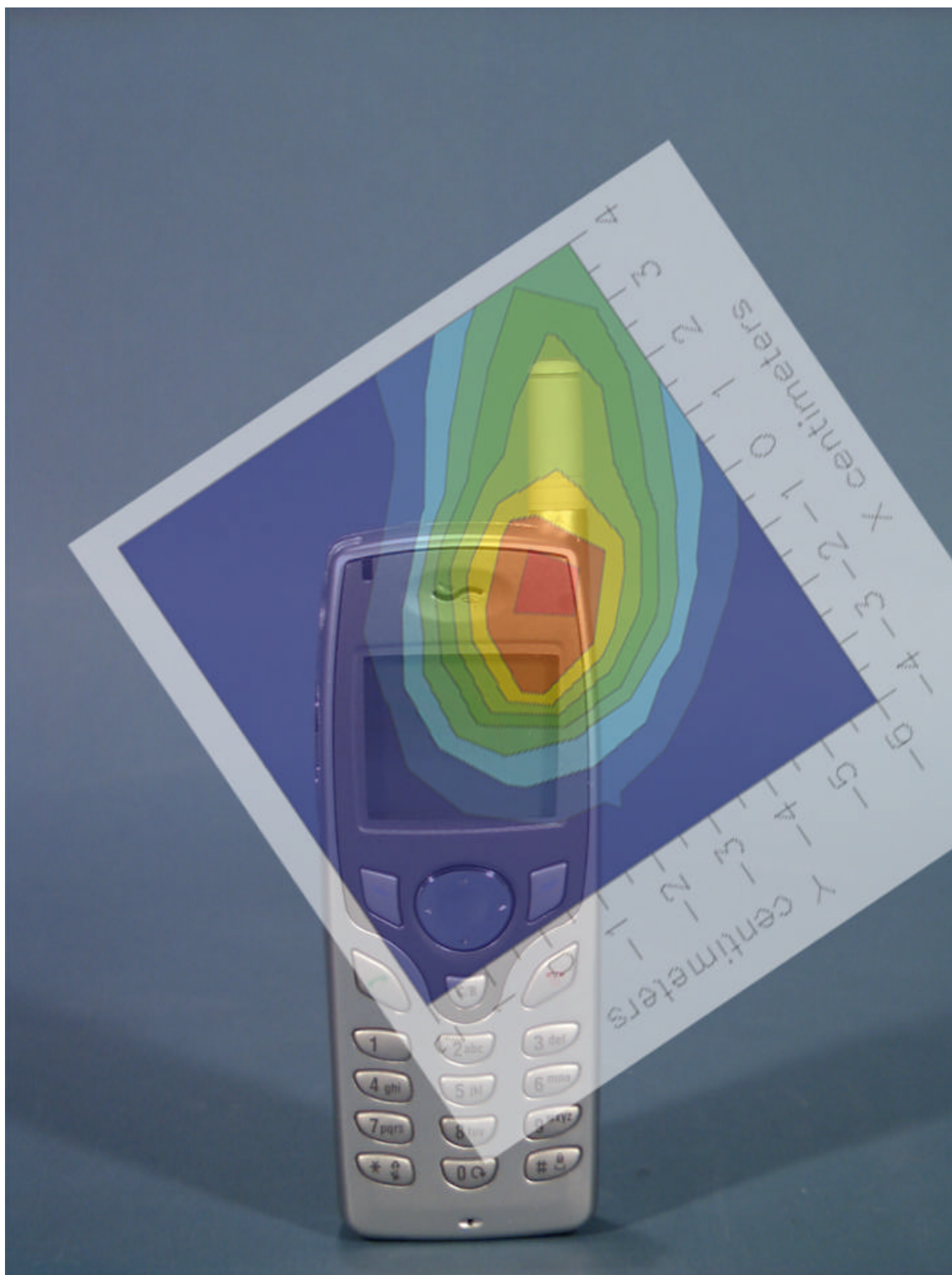
Voltage @ 1.00 cm (Vt) = 0.0052

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

Ave. SAR over 1 g (mW/g) = 0.2514

Peak SAR Location

1900 MHz Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101710_ZOOM.VLT
Start : 17-Oct-101 11:41:51 am End : 17-Oct-101 11:51:33 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 0.000, Y = -3.000, Z = 0.000 (cm) Value = 23.054

Measured Values (volts) =
2.198E-002 1.691E-002 1.227E-002 8.987E-003 6.765E-003 4.916E-003
3.937E-003 2.995E-003 2.130E-003 1.775E-003 1.781E-003 1.295E-003
1.234E-003 1.158E-003 1.410E-003 1.539E-003 1.130E-003 1.240E-003
1.080E-003 1.493E-003 1.971E-003

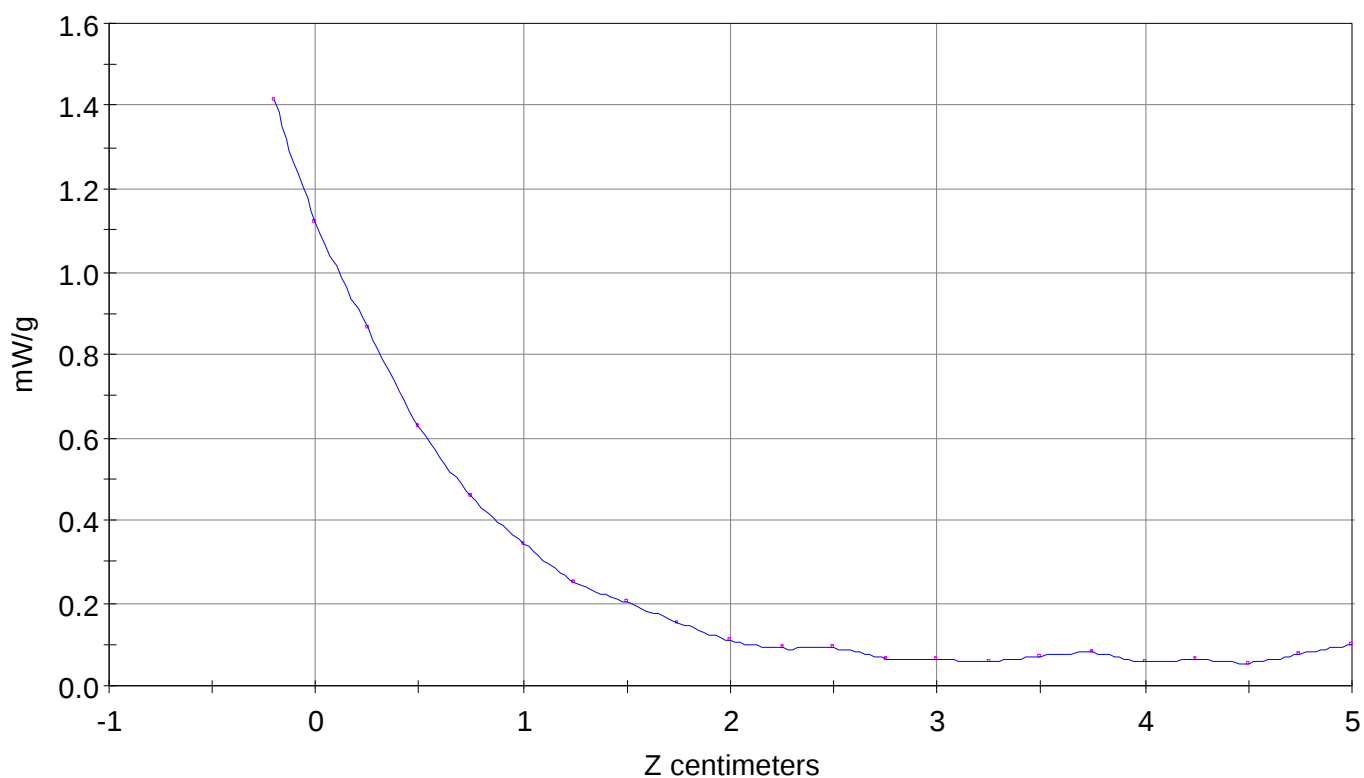
Calc. Voltage @ Surface (Vs) = 0.0278

Voltage @ 1.00 cm (Vt) = 0.0085

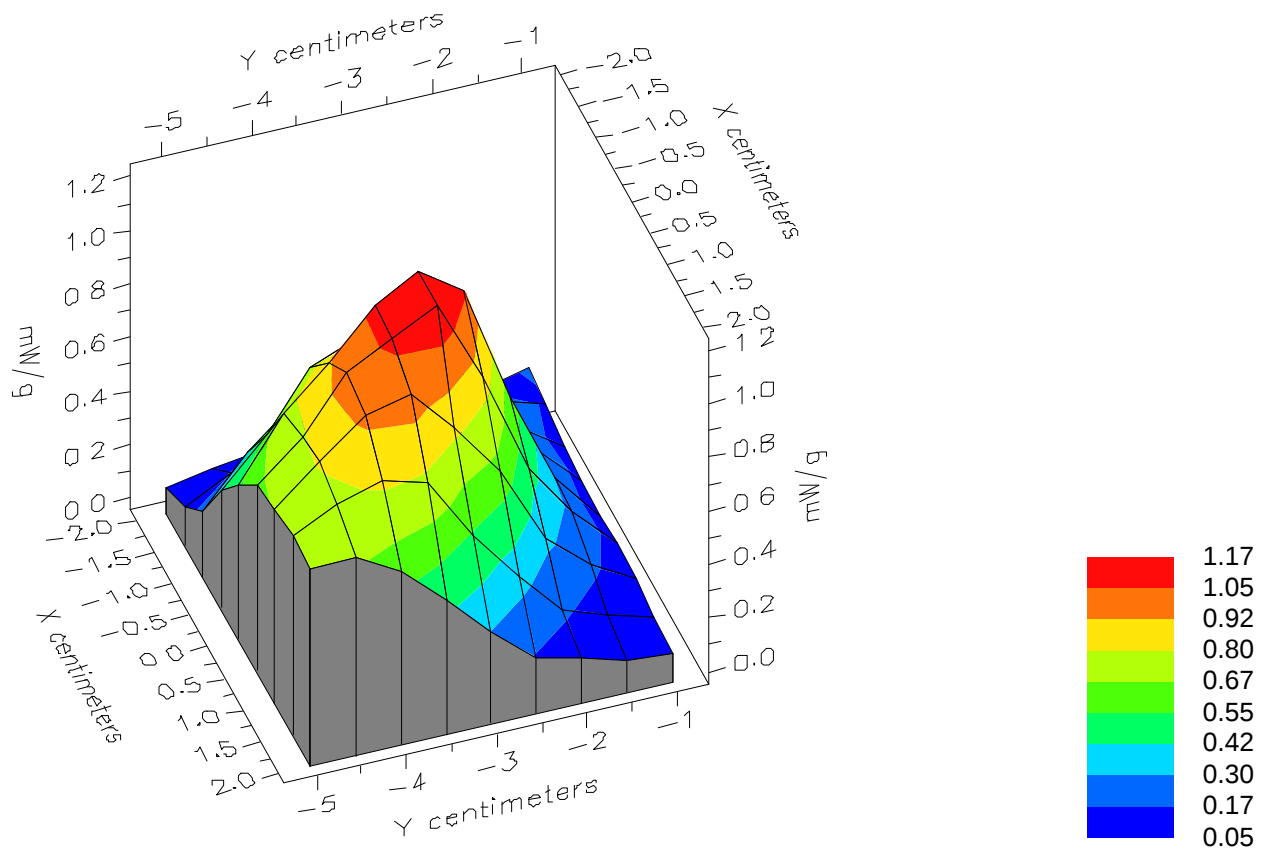
Ave. Voltage (Vs+Vt)/2 = 0.0182

Ave. SAR over 1 g (mW/g) = 0.9244

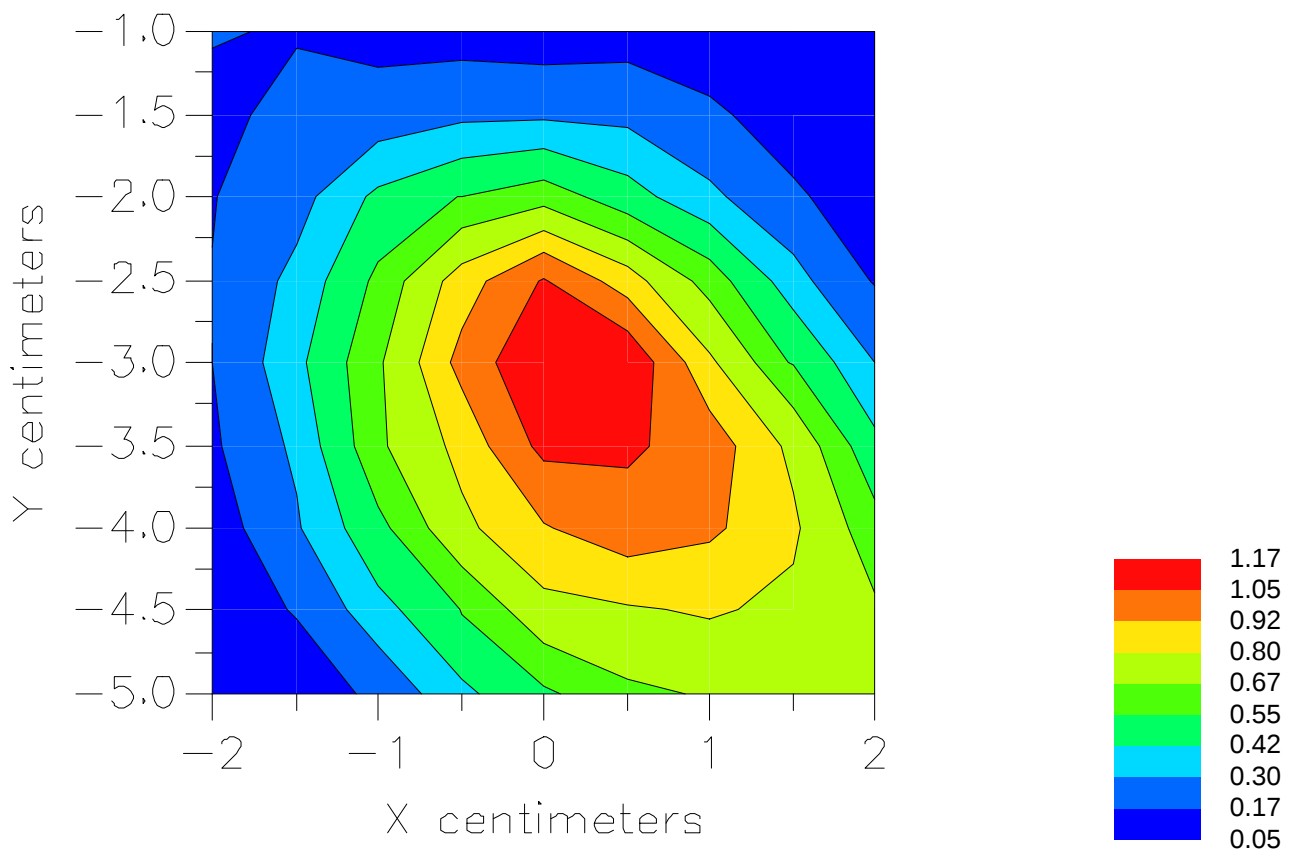
SAR Scan
File : 01101710_ZOOM
Start : 17-Oct-101 11:41:51 am End : 17-Oct-101 11:51:33 am
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : 01101710_ZOOM
Start : 17-Oct-101 11:41:51 am End : 17-Oct-101 11:51:33 am
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : 01101710_ZOOM
Start : 17-Oct-101 11:41:51 am End : 17-Oct-101 11:51:33 am
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101709_ZOOM.VLT
Start : 17-Oct-101 11:24:19 am End : 17-Oct-101 11:39:02 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 0.000, Y = -3.000, Z = 0.000 (cm) Value = 22.222

Measured Values (volts) =
2.108E-002 1.536E-002 1.071E-002 7.893E-003 5.917E-003 4.518E-003
3.368E-003 3.044E-003 2.350E-003 1.768E-003 1.817E-003 1.475E-003
1.179E-003 1.212E-003 1.375E-003 1.301E-003 1.524E-003 1.647E-003
1.376E-003 1.976E-003 2.019E-003

Calc. Voltage @ Surface (Vs) = 0.0276

Voltage @ 1.00 cm (Vt) = 0.0075

Ave. Voltage (Vs+Vt)/2 = 0.0176

Ave. SAR over 1 g (mW/g) = 0.8947

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101723_ZOOM.VLT
Start : 17-Oct-101 01:07:39 pm End : 17-Oct-101 01:17:22 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 0.000, Y = -3.000, Z = 0.000 (cm) Value = 20.799

Measured Values (volts) =
2.015E-002 1.446E-002 1.049E-002 7.505E-003 5.614E-003 4.341E-003
2.933E-003 2.337E-003 1.869E-003 1.515E-003 1.385E-003 1.544E-003
1.393E-003 1.170E-003 1.315E-003 1.087E-003 9.967E-004 1.250E-003
1.364E-003 1.968E-003 1.583E-003

Calc. Voltage @ Surface (Vs) = 0.0262

Voltage @ 1.00 cm (Vt) = 0.0071

Ave. Voltage (Vs+Vt)/2 = 0.0166

Ave. SAR over 1 g (mW/g) = 0.8477

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101724_ZOOM.VLT
Start : 17-Oct-101 01:18:29 pm End : 17-Oct-101 01:28:12 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 0.000, Y = -3.000, Z = 0.000 (cm) Value = 20.258

Measured Values (volts) =
1.957E-002 1.453E-002 1.024E-002 7.407E-003 5.562E-003 4.161E-003
3.136E-003 2.153E-003 2.006E-003 1.363E-003 1.364E-003 1.354E-003
1.077E-003 1.094E-003 1.087E-003 8.530E-004 1.307E-003 1.213E-003
1.256E-003 1.344E-003 1.650E-003

Calc. Voltage @ Surface (Vs) = 0.0254

Voltage @ 1.00 cm (Vt) = 0.0070

Ave. Voltage (Vs+Vt)/2 = 0.0162

Ave. SAR over 1 g (mW/g) = 0.8251

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101725_ZOOM.VLT
Start : 17-Oct-101 02:00:47 pm End : 17-Oct-101 02:10:30 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 0.000, Y = -3.000, Z = 0.000 (cm) Value = 17.943

Measured Values (volts) =
1.776E-002 1.231E-002 8.452E-003 6.050E-003 4.512E-003 3.491E-003
2.711E-003 2.046E-003 1.599E-003 1.307E-003 1.153E-003 7.071E-004
1.047E-003 1.115E-003 7.989E-004 8.063E-004 1.313E-003 1.091E-003
1.474E-003 1.679E-003 1.267E-003

Calc. Voltage @ Surface (Vs) = 0.0239

Voltage @ 1.00 cm (Vt) = 0.0057

Ave. Voltage (Vs+Vt)/2 = 0.0148

Ave. SAR over 1 g (mW/g) = 0.7547

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101726_ZOOM.VLT
Start : 17-Oct-101 02:12:13 pm End : 17-Oct-101 02:21:56 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = -3.000, Z = 0.000 (cm) Value = 17.700

Measured Values (volts) =
1.758E-002 1.219E-002 8.303E-003 5.945E-003 4.409E-003 3.342E-003
2.340E-003 2.012E-003 1.515E-003 1.393E-003 1.164E-003 9.609E-004
1.230E-003 8.198E-004 1.307E-003 1.328E-003 1.228E-003 1.190E-003
1.869E-003 1.959E-003 2.180E-003

Calc. Voltage @ Surface (Vs) = 0.0237

Voltage @ 1.00 cm (Vt) = 0.0056

Ave. Voltage (Vs+Vt)/2 = 0.0147

Ave. SAR over 1 g (mW/g) = 0.7476

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101703_ZOOM.VLT
Start : 17-Oct-101 10:14:56 am End : 17-Oct-101 10:29:42 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = -3.000, Z = 0.000 (cm) Value = 26.496

Measured Values (volts) =
2.739E-002 1.988E-002 1.428E-002 9.735E-003 7.263E-003 5.347E-003
3.972E-003 2.858E-003 2.286E-003 2.044E-003 1.332E-003 1.367E-003
1.128E-003 8.262E-004 9.914E-004 1.193E-003 1.095E-003 8.639E-004
1.496E-003 1.183E-003 2.055E-003

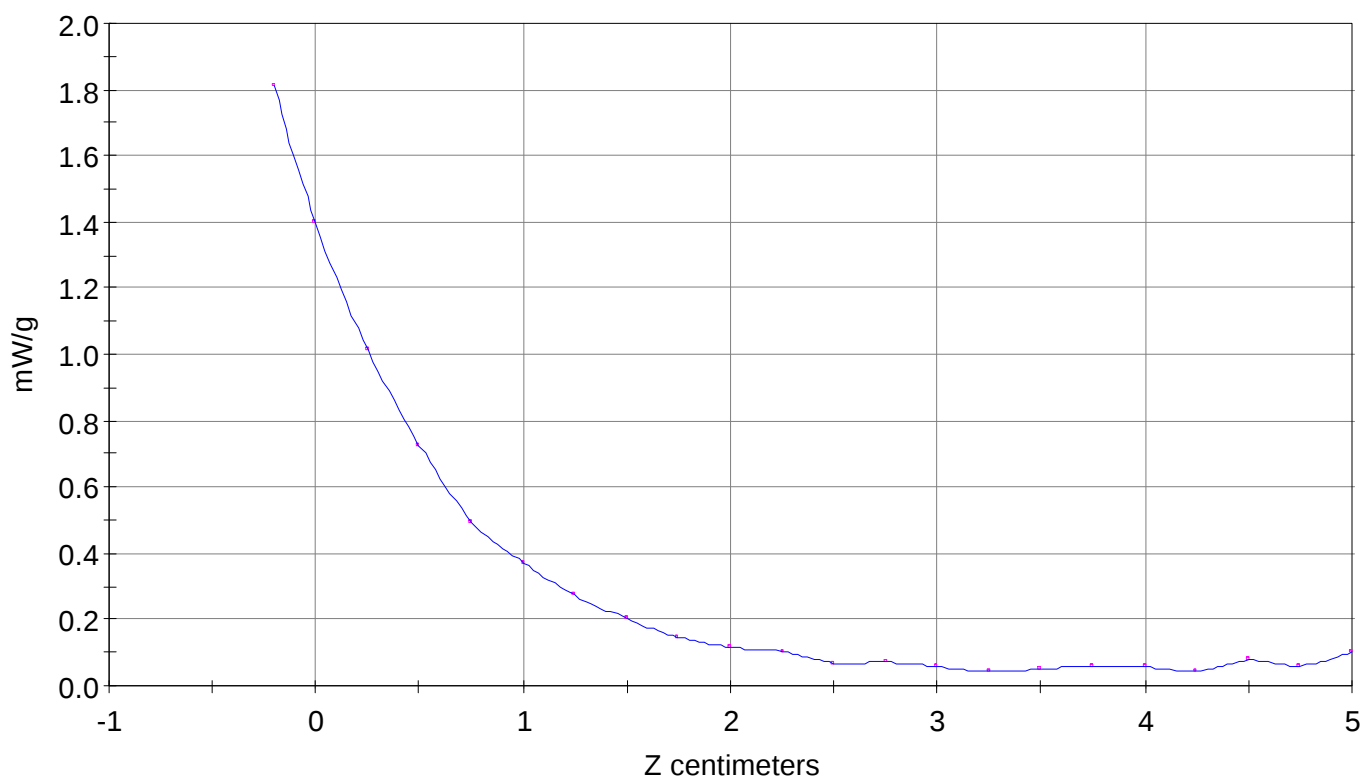
Calc. Voltage @ Surface (Vs) = 0.0355

Voltage @ 1.00 cm (Vt) = 0.0092

Ave. Voltage (Vs+Vt)/2 = 0.0224

Ave. SAR over 1 g (mW/g) = 1.1404

SAR Scan
File : 01101703_ZOOM
Start : 17-Oct-101 10:14:56 am End : 17-Oct-101 10:29:42 am
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620

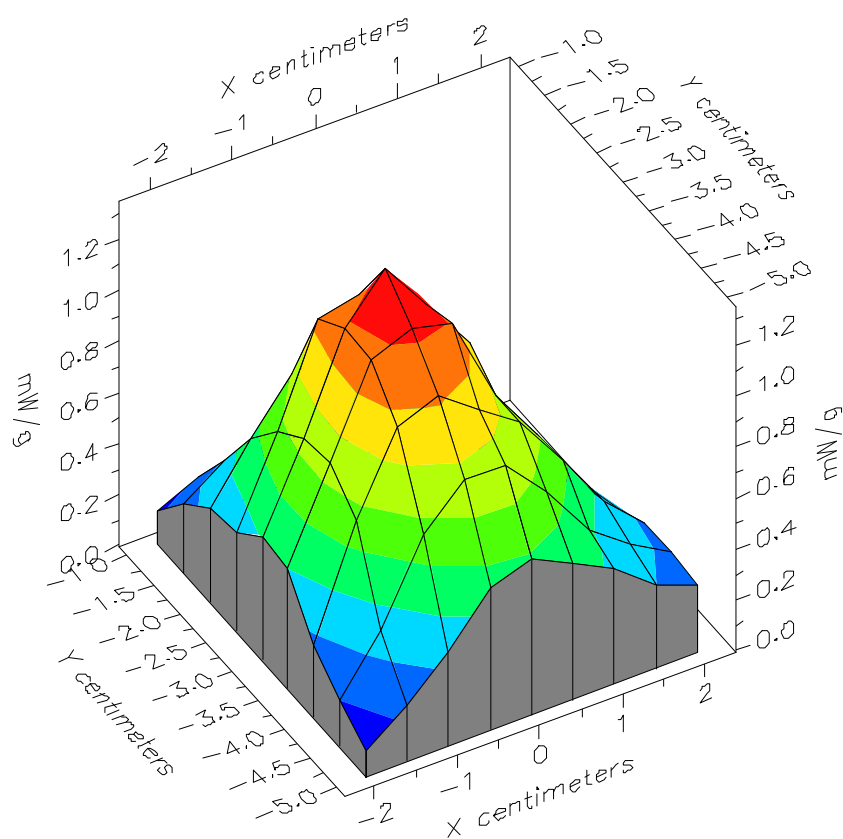


File : 01101703_ZOOM

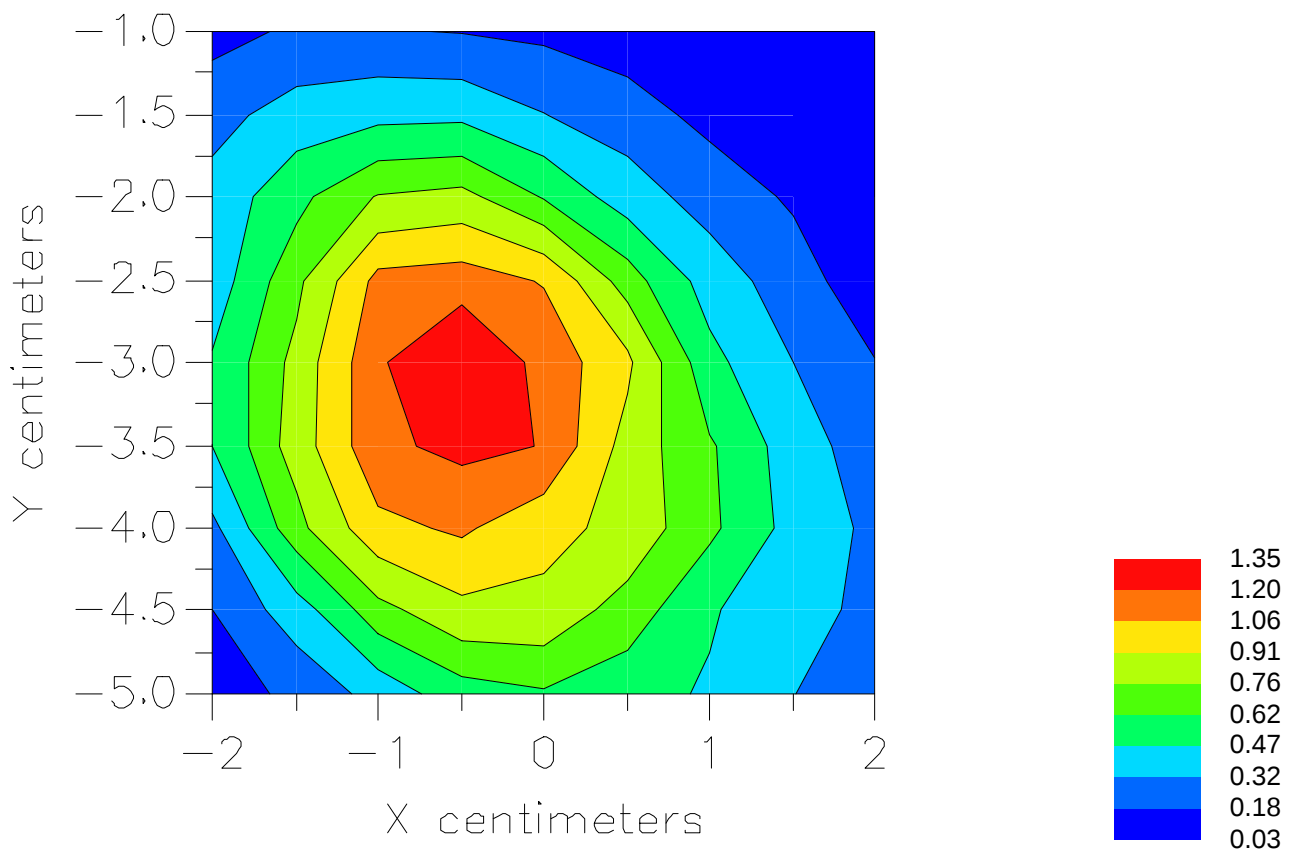
Start : 17-Oct-101 10:14:56 am End : 17-Oct-101 10:29:42 am

SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;

Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : 01101703_ZOOM
Start : 17-Oct-101 10:14:56 am End : 17-Oct-101 10:29:42 am
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101705_ZOOM.VLT
Start : 17-Oct-101 10:45:02 am End : 17-Oct-101 10:54:44 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = -3.000, Z = 0.000 (cm) Value = 27.733

Measured Values (volts) =
2.699E-002 2.142E-002 1.473E-002 1.088E-002 7.942E-003 5.976E-003
4.023E-003 3.407E-003 2.410E-003 2.228E-003 1.623E-003 1.349E-003
1.075E-003 1.006E-003 9.973E-004 1.329E-003 9.815E-004 9.834E-004
1.348E-003 1.013E-003 1.599E-003

Calc. Voltage @ Surface (Vs) = 0.0345

Voltage @ 1.00 cm (Vt) = 0.0103

Ave. Voltage (Vs+Vt)/2 = 0.0224

Ave. SAR over 1 g (mW/g) = 1.1396

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101704_ZOOM.VLT
Start : 17-Oct-101 10:32:24 am End : 17-Oct-101 10:42:07 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = -3.000, Z = 0.000 (cm) Value = 26.674

Measured Values (volts) =
2.600E-002 2.059E-002 1.495E-002 1.047E-002 7.811E-003 5.748E-003
4.504E-003 3.046E-003 2.528E-003 2.153E-003 1.852E-003 1.402E-003
1.043E-003 1.183E-003 1.156E-003 1.246E-003 9.807E-004 9.105E-004
1.487E-003 1.482E-003 1.304E-003

Calc. Voltage @ Surface (Vs) = 0.0325

Voltage @ 1.00 cm (Vt) = 0.0099

Ave. Voltage (Vs+Vt)/2 = 0.0212

Ave. SAR over 1 g (mW/g) = 1.0798

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101219_ZOOM.VLT
Start : 12-Oct-101 03:06:46 pm End : 12-Oct-101 03:16:36 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = 0.000, Y = -3.500, Z = 0.000 (cm) Value = 22.277

Measured Values (volts) =
2.263E-002 1.616E-002 1.123E-002 8.411E-003 6.044E-003 4.337E-003
3.594E-003 2.622E-003 1.913E-003 1.509E-003 1.446E-003 1.048E-003
1.135E-003 1.086E-003 1.004E-003 1.113E-003 1.300E-003 7.754E-004
1.102E-003 1.642E-003 1.660E-003

Calc. Voltage @ Surface (Vs) = 0.0300

Voltage @ 1.00 cm (Vt) = 0.0079

Ave. Voltage (Vs+Vt)/2 = 0.0190

Ave. SAR over 1 g (mW/g) = 0.9651

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101221_ZOOM.VLT
Start : 12-Oct-101 03:21:31 pm End : 12-Oct-101 03:37:28 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = -3.500, Z = 0.000 (cm) Value = 27.402

Measured Values (volts) =
2.629E-002 2.198E-002 1.605E-002 1.131E-002 8.434E-003 6.215E-003
4.825E-003 3.562E-003 2.744E-003 1.869E-003 1.643E-003 1.448E-003
1.188E-003 9.650E-004 1.346E-003 8.594E-004 1.233E-003 1.143E-003
1.361E-003 1.418E-003 1.529E-003

Calc. Voltage @ Surface (Vs) = 0.0321

Voltage @ 1.00 cm (Vt) = 0.0107

Ave. Voltage (Vs+Vt)/2 = 0.0214

Ave. SAR over 1 g (mW/g) = 1.0902

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101222_ZOOM.VLT
Start : 12-Oct-101 03:40:31 pm End : 12-Oct-101 03:50:21 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = -3.000, Z = 0.000 (cm) Value = 20.352

Measured Values (volts) =
2.065E-002 1.507E-002 1.060E-002 7.657E-003 5.610E-003 4.283E-003
3.054E-003 2.128E-003 2.067E-003 1.634E-003 1.311E-003 1.377E-003
7.922E-004 9.970E-004 9.456E-004 1.269E-003 1.094E-003 6.827E-004
1.367E-003 1.026E-003 1.143E-003

Calc. Voltage @ Surface (Vs) = 0.0270

Voltage @ 1.00 cm (Vt) = 0.0072

Ave. Voltage (Vs+Vt)/2 = 0.0171

Ave. SAR over 1 g (mW/g) = 0.8712

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101802_ZOOM.VLT
Start : 18-Oct-101 10:18:32 am End : 18-Oct-101 10:35:31 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 1.000, Y = -1.500, Z = 0.000 (cm) Value = 13.234

Measured Values (volts) =
1.252E-002 8.486E-003 5.999E-003 4.679E-003 3.264E-003 2.196E-003
1.727E-003 1.282E-003 8.840E-004 7.885E-004 8.313E-004 3.857E-004
5.414E-004 1.927E-004 4.972E-004 3.149E-004 3.732E-004 5.590E-004
3.098E-004 6.083E-004 3.322E-004

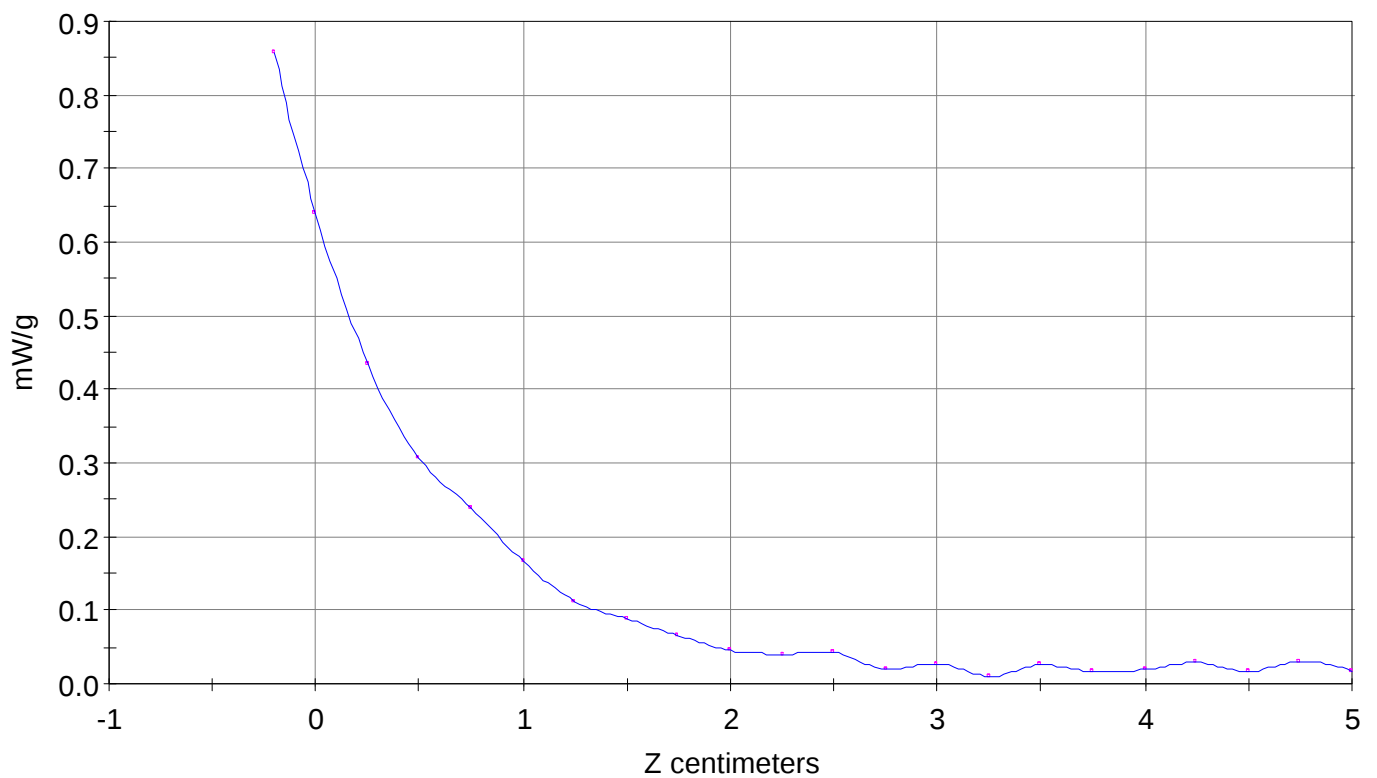
Calc. Voltage @ Surface (Vs) = 0.0168

Voltage @ 1.00 cm (Vt) = 0.0044

Ave. Voltage (Vs+Vt)/2 = 0.0106

Ave. SAR over 1 g (mW/g) = 0.5401

SAR Scan
File : 01101802_ZOOM
Start : 18-Oct-101 10:18:32 am End : 18-Oct-101 10:35:31 am
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620

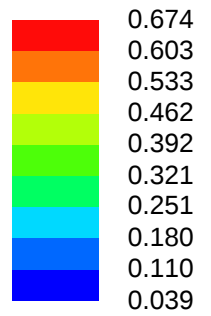
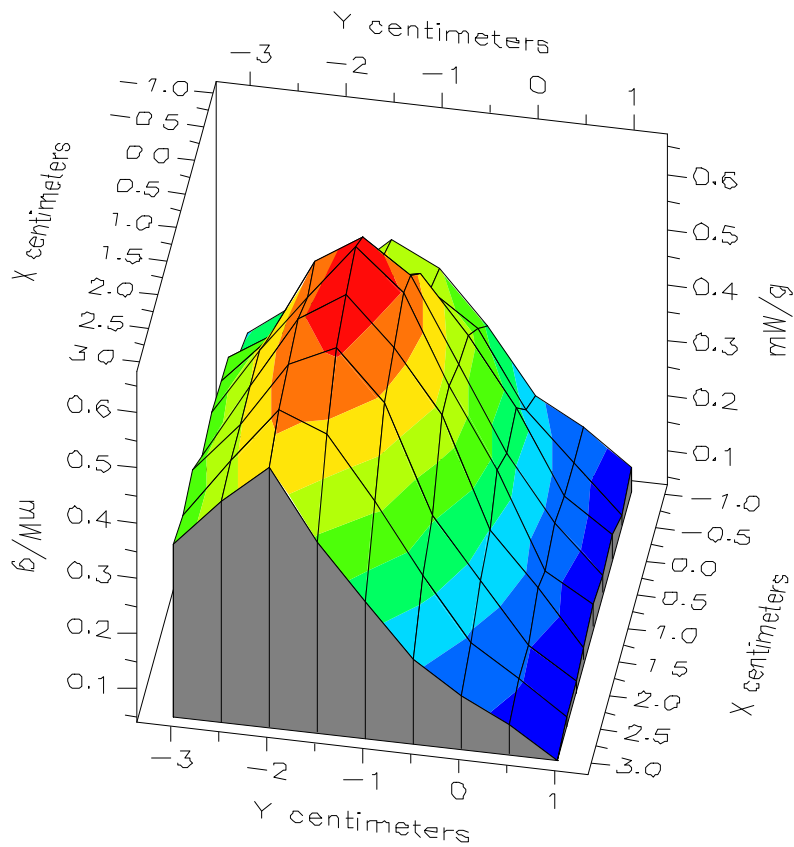


File : 01101802_ZOOM

Start : 18-Oct-101 10:18:32 am End : 18-Oct-101 10:35:31 am

SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;

Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620

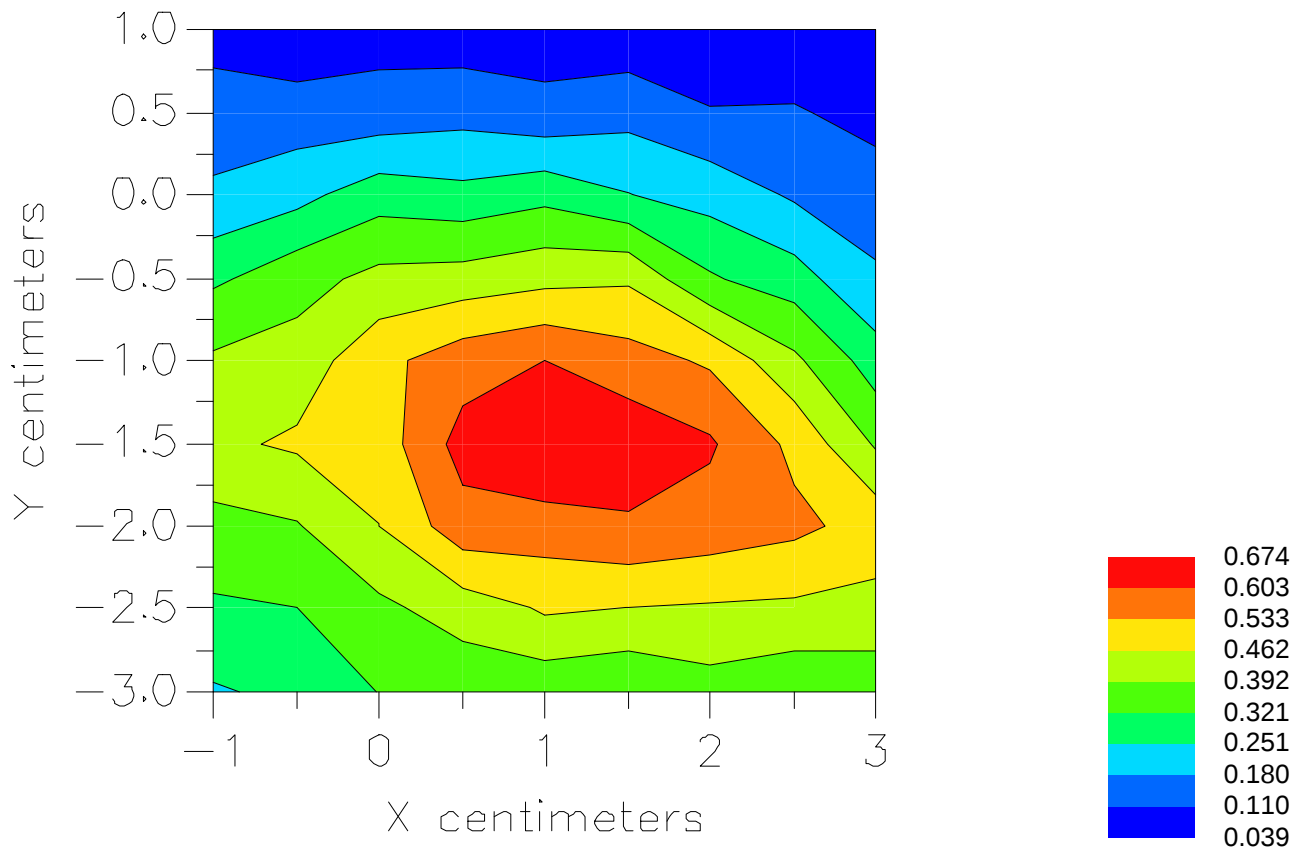


File : 01101802_ZOOM

Start : 18-Oct-101 10:18:32 am End : 18-Oct-101 10:35:31 am

SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;

Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101803_ZOOM.VLT
Start : 18-Oct-101 10:48:53 am End : 18-Oct-101 10:59:06 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 1.000, Y = -1.500, Z = 0.000 (cm) Value = 11.619

Measured Values (volts) =
1.150E-002 7.732E-003 5.228E-003 3.867E-003 3.058E-003 2.387E-003
2.019E-003 1.611E-003 1.341E-003 1.087E-003 1.091E-003 7.484E-004
7.795E-004 6.090E-004 1.049E-003 7.313E-004 8.819E-004 8.474E-004
3.122E-004 9.099E-004 7.426E-004

Calc. Voltage @ Surface (Vs) = 0.0158

Voltage @ 1.00 cm (Vt) = 0.0037

Ave. Voltage (Vs+Vt)/2 = 0.0097

Ave. SAR over 1 g (mW/g) = 0.4958

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101804_ZOOM.VLT
Start : 18-Oct-101 11:01:29 am End : 18-Oct-101 11:11:41 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 1.500, Y = -1.500, Z = 0.000 (cm) Value = 11.965

Measured Values (volts) =
1.141E-002 7.876E-003 5.705E-003 4.188E-003 3.355E-003 2.294E-003
1.594E-003 1.540E-003 1.237E-003 9.482E-004 8.583E-004 7.590E-004
7.217E-004 6.016E-004 7.539E-004 6.182E-004 5.269E-004 4.086E-004
4.449E-004 4.129E-004 3.885E-004

Calc. Voltage @ Surface (Vs) = 0.0151

Voltage @ 1.00 cm (Vt) = 0.0040

Ave. Voltage (Vs+Vt)/2 = 0.0095

Ave. SAR over 1 g (mW/g) = 0.4861

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101805_ZOOM.VLT
Start : 18-Oct-101 11:12:39 am End : 18-Oct-101 11:22:53 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 1.500, Y = -1.500, Z = 0.000 (cm) Value = 9.011

Measured Values (volts) =
8.747E-003 5.776E-003 4.370E-003 3.348E-003 2.479E-003 1.801E-003
1.258E-003 1.152E-003 9.032E-004 8.709E-004 8.443E-004 7.355E-004
5.765E-004 7.899E-004 7.114E-004 5.169E-004 6.697E-004 4.031E-004
8.195E-004 5.747E-004 3.943E-004

Calc. Voltage @ Surface (Vs) = 0.0116

Voltage @ 1.00 cm (Vt) = 0.0032

Ave. Voltage (Vs+Vt)/2 = 0.0074

Ave. SAR over 1 g (mW/g) = 0.3753

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101806_ZOOM.VLT
Start : 18-Oct-101 11:27:23 am End : 18-Oct-101 11:37:37 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 1.500, Y = -1.500, Z = 0.000 (cm) Value = 10.711

Measured Values (volts) =
1.021E-002 6.697E-003 4.997E-003 3.813E-003 2.699E-003 2.243E-003
1.776E-003 1.307E-003 1.087E-003 8.431E-004 3.676E-004 3.099E-004
7.477E-004 7.345E-004 3.743E-004 6.476E-004 5.399E-004 6.600E-004
6.564E-004 6.535E-004 7.673E-004

Calc. Voltage @ Surface (Vs) = 0.0136

Voltage @ 1.00 cm (Vt) = 0.0036

Ave. Voltage (Vs+Vt)/2 = 0.0086

Ave. SAR over 1 g (mW/g) = 0.4382

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101807_ZOOM.VLT
Start : 18-Oct-101 11:38:05 am End : 18-Oct-101 11:48:20 am

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE

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 = 1.500, Y = -1.500, Z = 0.000 (cm) Value = 9.143

Measured Values (volts) =
9.067E-003 5.381E-003 4.083E-003 2.850E-003 2.082E-003 1.670E-003
1.520E-003 8.682E-004 1.030E-003 1.014E-003 8.310E-004 3.218E-004
6.282E-004 5.842E-004 3.737E-004 4.143E-004 4.053E-004 3.976E-004
4.119E-004 6.585E-004 4.509E-004

Calc. Voltage @ Surface (Vs) = 0.0126

Voltage @ 1.00 cm (Vt) = 0.0027

Ave. Voltage (Vs+Vt)/2 = 0.0076

Ave. SAR over 1 g (mW/g) = 0.3882

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101809_ZOOM.VLT
Start : 18-Oct-101 12:52:42 pm End : 18-Oct-101 01:10:29 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = 2.500, Y = -1.500, Z = 0.000 (cm) Value = 18.762

Measured Values (volts) =
1.633E-002 1.171E-002 8.577E-003 6.134E-003 4.542E-003 3.052E-003
2.640E-003 1.816E-003 1.266E-003 9.772E-004 8.478E-004 7.272E-004
6.066E-004 3.325E-004 6.401E-004 4.352E-004 1.585E-004 2.675E-004
3.660E-004 5.898E-004 3.547E-004

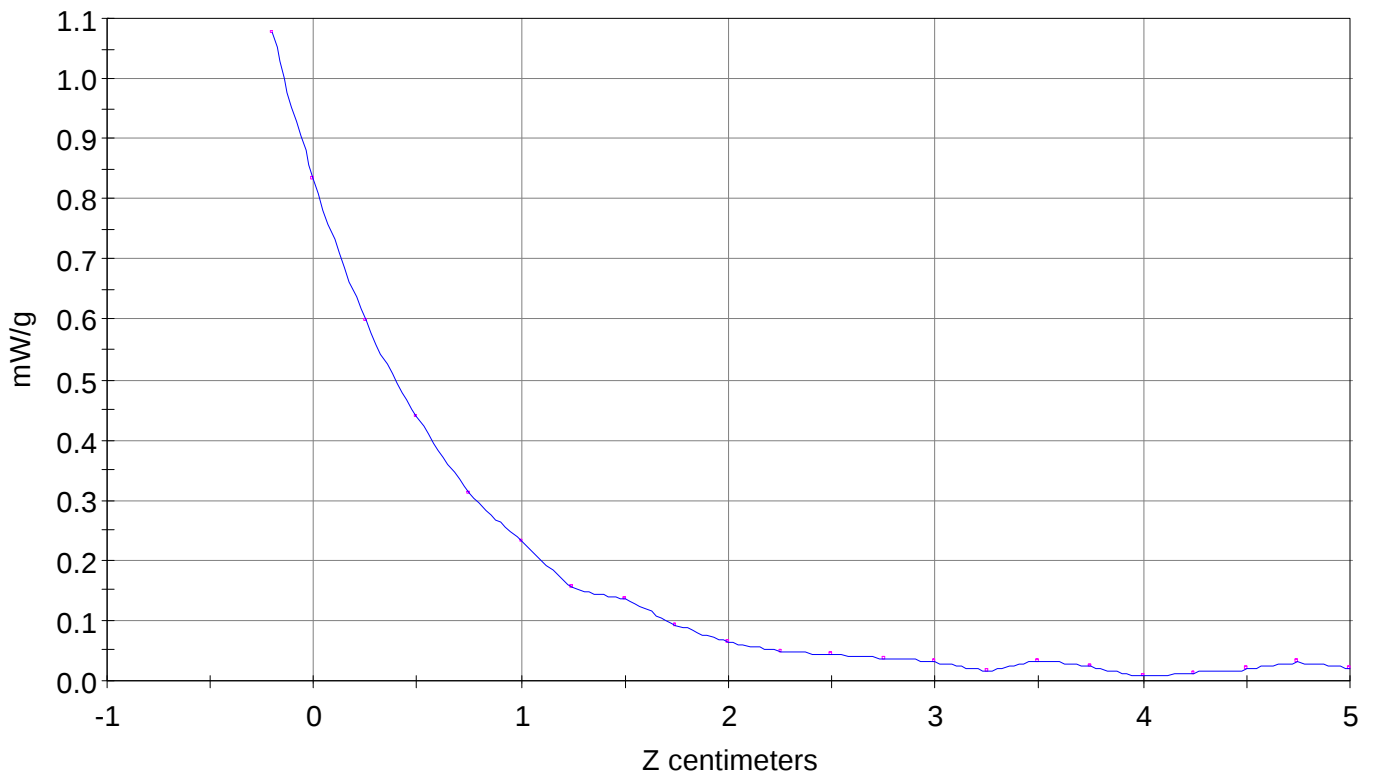
Calc. Voltage @ Surface (Vs) = 0.0211

Voltage @ 1.00 cm (Vt) = 0.0058

Ave. Voltage (Vs+Vt)/2 = 0.0135

Ave. SAR over 1 g (mW/g) = 0.6862

SAR Scan
File : 01101809_ZOOM
Start : 18-Oct-101 12:52:42 pm End : 18-Oct-101 01:10:29 pm
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620

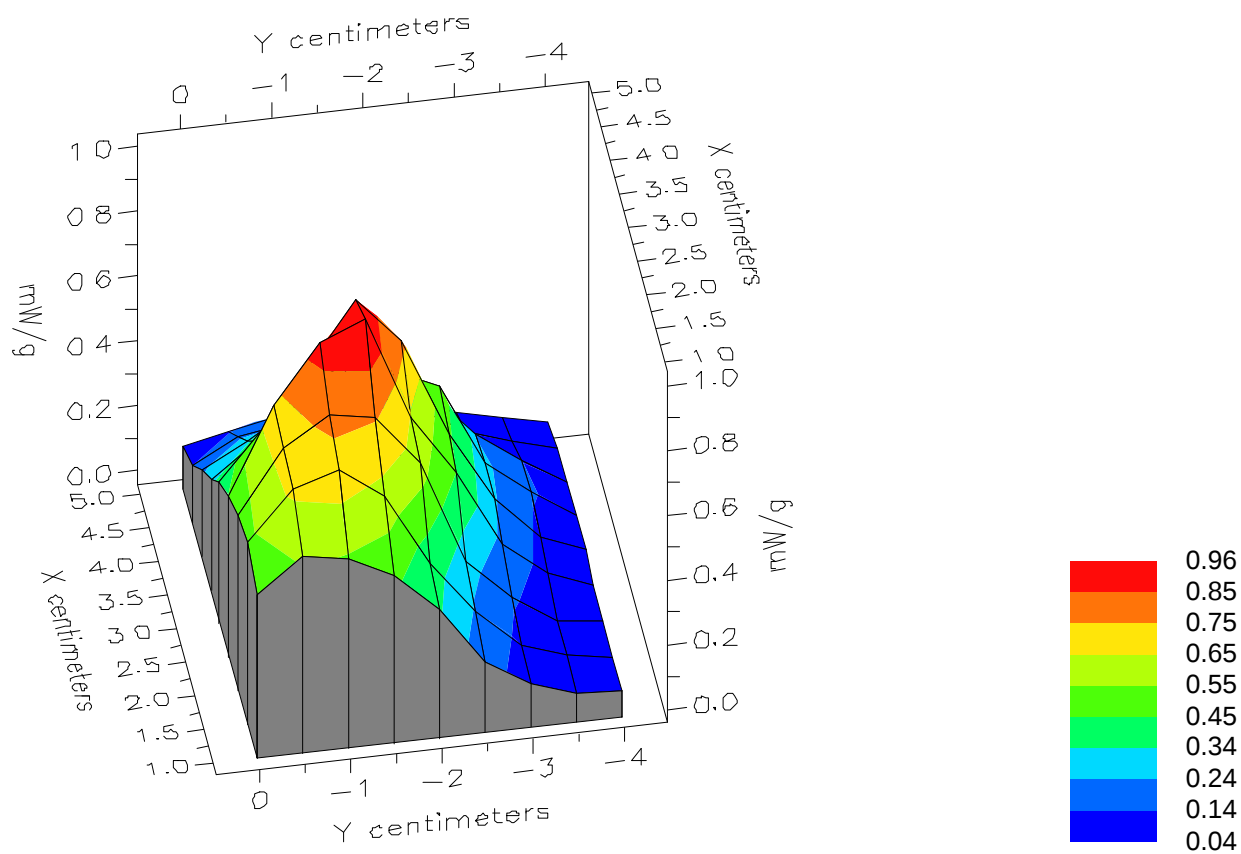


File : 01101809_ZOOM

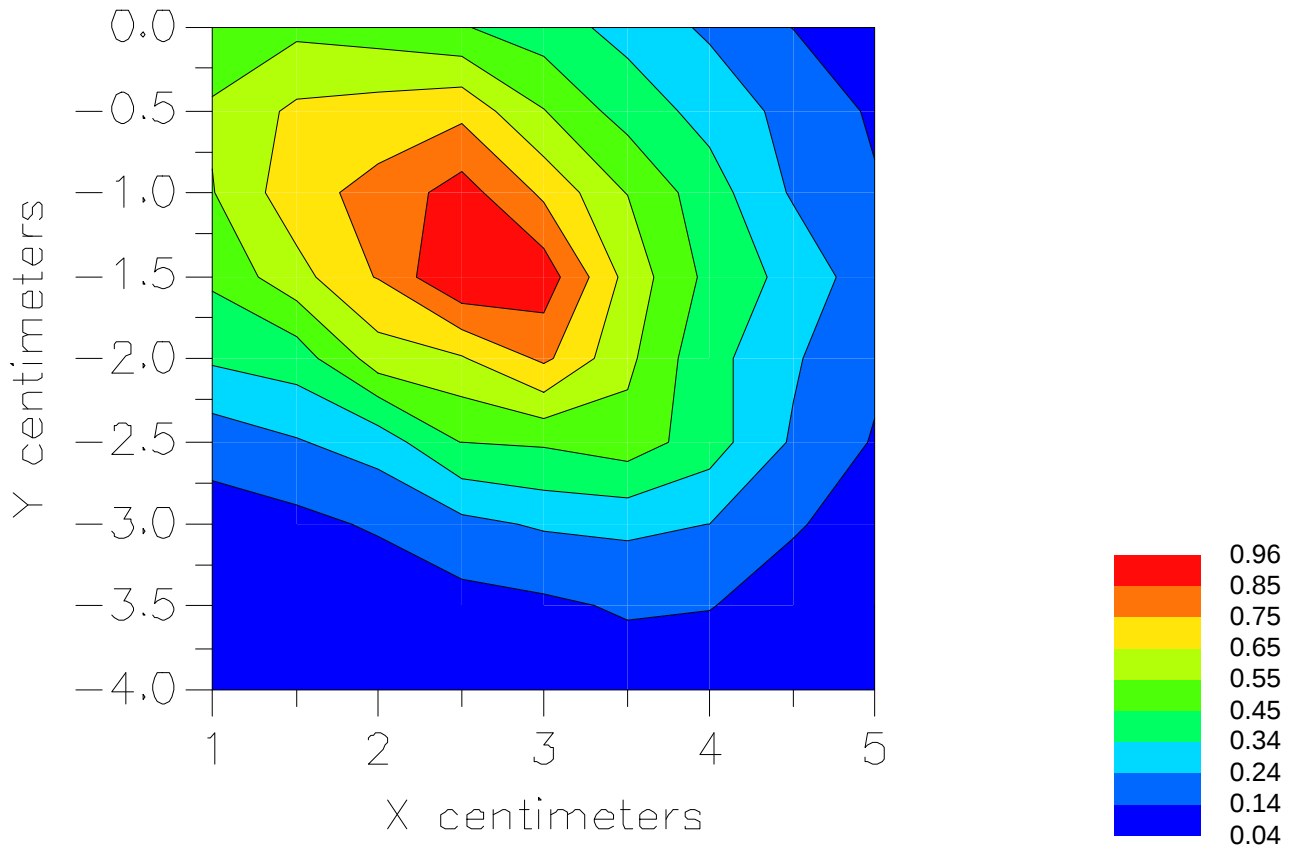
Start : 18-Oct-101 12:52:42 pm End : 18-Oct-101 01:10:29 pm

SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;

Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : 01101809_ZOOM
Start : 18-Oct-101 12:52:42 pm End : 18-Oct-101 01:10:29 pm
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/40.400/1.620



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101810_ZOOM.VLT
Start : 18-Oct-101 01:11:27 pm End : 18-Oct-101 01:21:50 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = 2.500, Y = -1.500, Z = 0.000 (cm) Value = 16.460

Measured Values (volts) =
1.453E-002 1.057E-002 7.490E-003 5.294E-003 4.116E-003 2.827E-003
2.024E-003 1.661E-003 1.310E-003 9.549E-004 8.014E-004 5.604E-004
5.200E-004 4.185E-004 2.915E-004 4.073E-004 1.290E-004 4.602E-004
4.073E-004 4.804E-004 4.614E-004

Calc. Voltage @ Surface (Vs) = 0.0189

Voltage @ 1.00 cm (Vt) = 0.0051

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

Ave. SAR over 1 g (mW/g) = 0.6112

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101811_ZOOM.VLT
Start : 18-Oct-101 01:26:31 pm End : 18-Oct-101 01:36:55 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = 2.500, Y = -1.500, Z = 0.000 (cm) Value = 15.158

Measured Values (volts) =
1.457E-002 9.818E-003 6.885E-003 5.126E-003 3.662E-003 2.860E-003
1.863E-003 1.317E-003 1.025E-003 8.830E-004 6.290E-004 5.998E-004
5.462E-004 2.686E-004 3.910E-004 3.800E-004 4.619E-004 4.132E-004
2.034E-004 3.793E-004 4.456E-004

Calc. Voltage @ Surface (Vs) = 0.0197

Voltage @ 1.00 cm (Vt) = 0.0048

Ave. Voltage (Vs+Vt)/2 = 0.0122

Ave. SAR over 1 g (mW/g) = 0.6237

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101812_ZOOM.VLT
Start : 18-Oct-101 01:39:28 pm End : 18-Oct-101 01:49:51 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr : 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = 2.500, Y = -1.500, Z = 0.000 (cm) Value = 13.132

Measured Values (volts) =
1.212E-002 8.495E-003 5.684E-003 4.493E-003 3.147E-003 2.435E-003
1.616E-003 1.320E-003 8.557E-004 6.230E-004 5.964E-004 4.818E-004
3.695E-004 3.641E-004 2.758E-004 2.683E-004 2.870E-004 2.534E-004
4.624E-004 4.239E-004 3.786E-004

Calc. Voltage @ Surface (Vs) = 0.0164

Voltage @ 1.00 cm (Vt) = 0.0042

Ave. Voltage (Vs+Vt)/2 = 0.0103

Ave. SAR over 1 g (mW/g) = 0.5255

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101813_ZOOM.VLT
Start : 18-Oct-101 01:56:04 pm End : 18-Oct-101 02:06:27 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = 2.500, Y = -1.500, Z = 0.000 (cm) Value = 13.333

Measured Values (volts) =
1.303E-002 9.179E-003 6.250E-003 4.847E-003 3.458E-003 2.509E-003
1.761E-003 1.373E-003 8.474E-004 6.677E-004 4.427E-004 5.095E-004
3.663E-004 5.113E-004 4.985E-004 2.707E-004 3.874E-004 2.543E-004
2.685E-004 4.688E-004 4.339E-004

Calc. Voltage @ Surface (Vs) = 0.0175

Voltage @ 1.00 cm (Vt) = 0.0046

Ave. Voltage (Vs+Vt)/2 = 0.0110

Ave. SAR over 1 g (mW/g) = 0.5615

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101814_ZOOM.VLT
Start : 18-Oct-101 02:07:17 pm End : 18-Oct-101 02:17:41 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 40.400
Mixture Conductivity = 1.620

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - TILT

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 = 2.500, Y = -1.500, Z = 0.000 (cm) Value = 11.916

Measured Values (volts) =
1.128E-002 7.662E-003 5.336E-003 3.964E-003 3.044E-003 2.209E-003
1.466E-003 1.295E-003 9.495E-004 4.832E-004 6.127E-004 4.588E-004
4.633E-004 4.034E-004 2.016E-004 4.063E-004 1.578E-004 3.042E-004
4.451E-004 3.543E-004 4.664E-004

Calc. Voltage @ Surface (Vs) = 0.0152

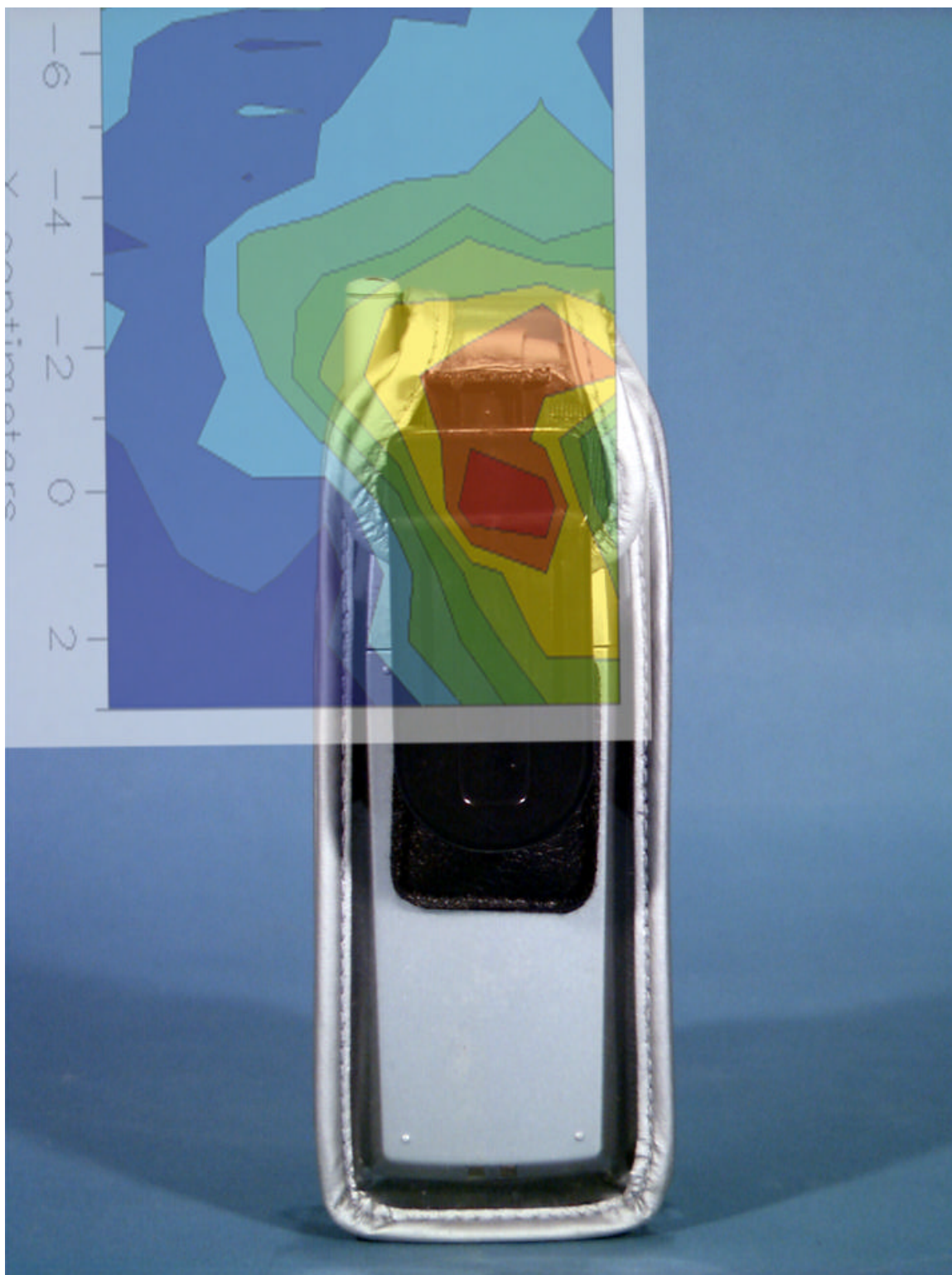
Voltage @ 1.00 cm (Vt) = 0.0038

Ave. Voltage (Vs+Vt)/2 = 0.0095

Ave. SAR over 1 g (mW/g) = 0.4837

Peak SAR Location

1900 MHz Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101913_ZOOM.VLT
Start : 19-Oct-101 04:07:27 pm End : 19-Oct-101 04:23:47 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 54.200
Mixture Conductivity = 1.450

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - BODY 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 = 0.000, Z = 0.000 (cm) Value = 5.041

Measured Values (volts) =
5.019E-003 4.373E-003 3.342E-003 2.684E-003 2.342E-003 2.022E-003
1.439E-003 1.392E-003 1.259E-003 1.542E-003 1.548E-003 1.429E-003
1.532E-003 1.258E-003 1.456E-003 1.563E-003 1.559E-003 1.925E-003
2.273E-003 2.430E-003 2.202E-003

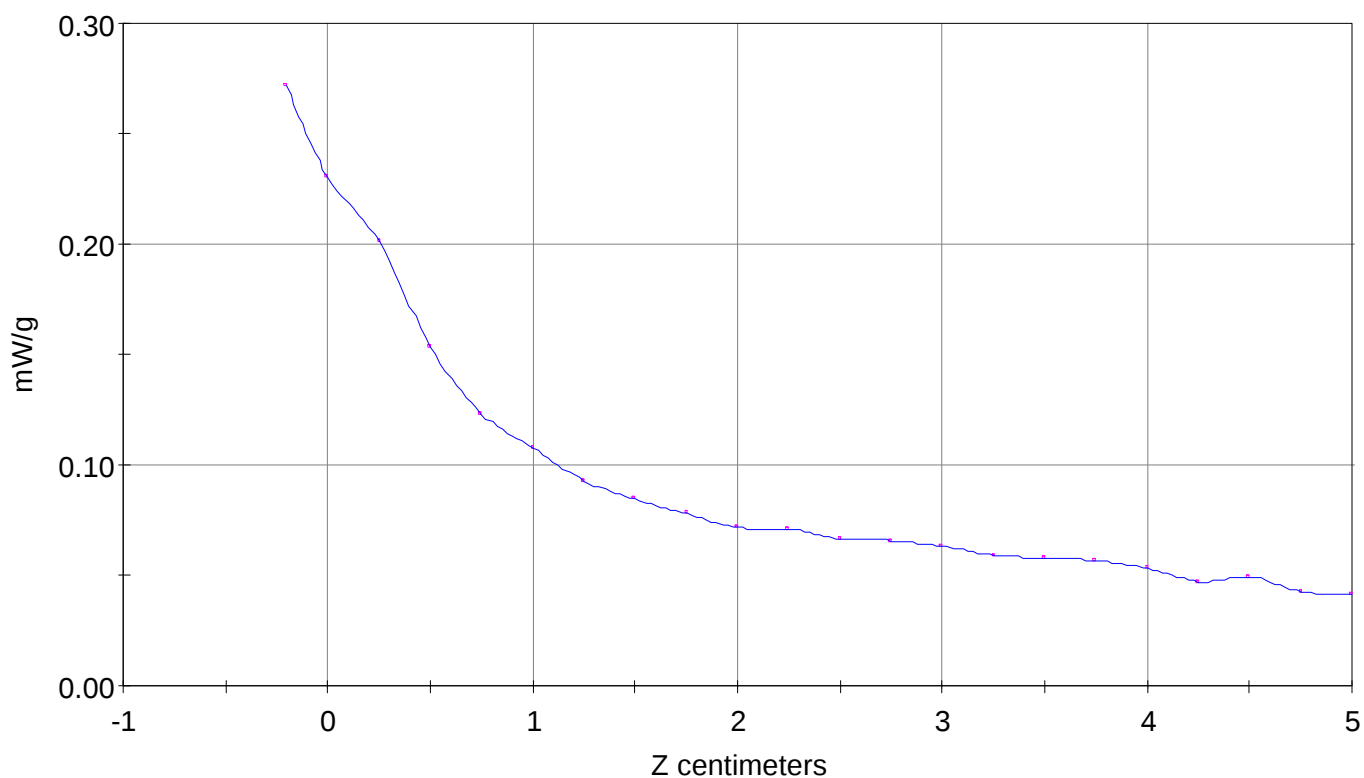
Calc. Voltage @ Surface (Vs) = 0.0059

Voltage @ 1.00 cm (Vt) = 0.0026

Ave. Voltage (Vs+Vt)/2 = 0.0043

Ave. SAR over 1 g (mW/g) = 0.1959

SAR Scan
File : 01101913_ZOOM
Start : 19-Oct-101 04:07:27 pm End : 19-Oct-101 04:23:47 pm
SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

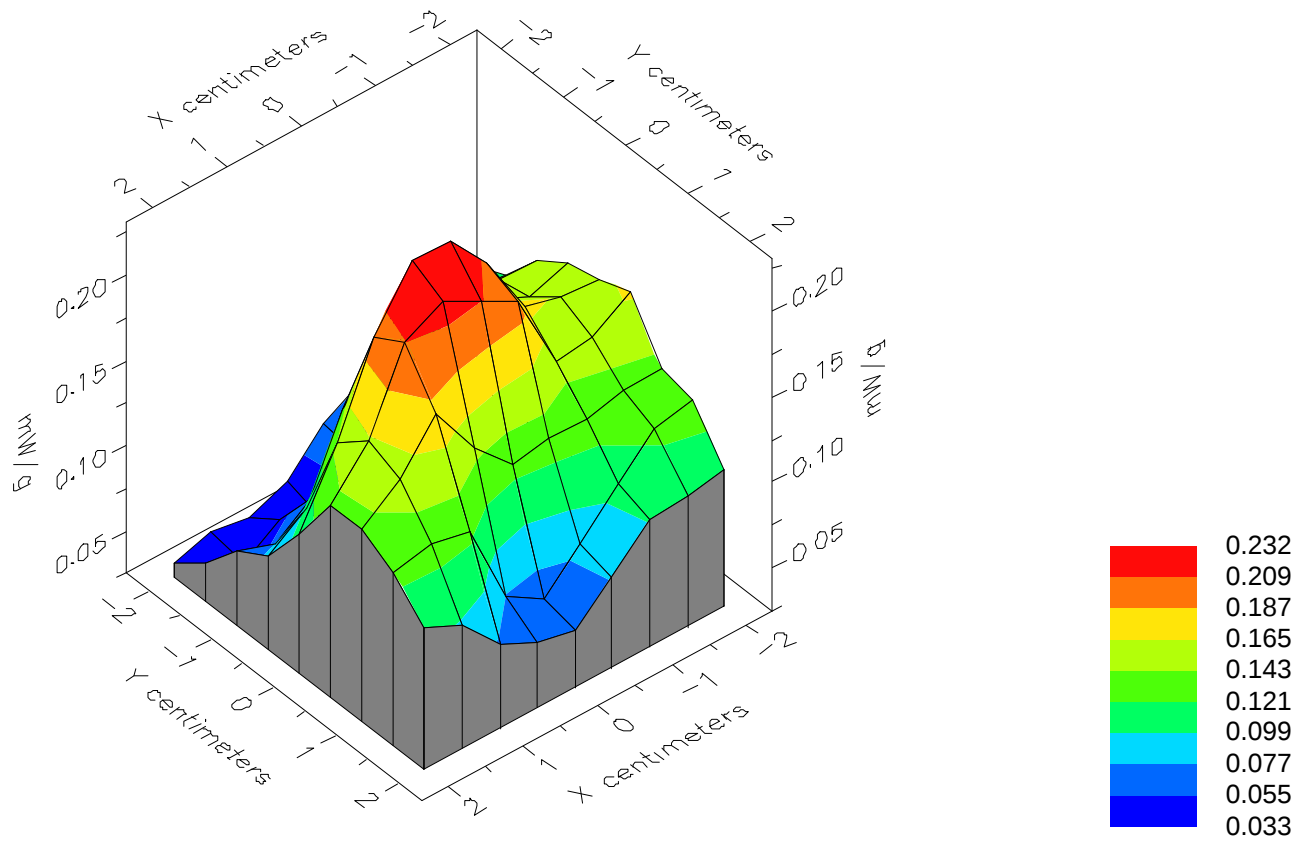


File : 01101913_ZOOM

Start : 19-Oct-101 04:07:27 pm End : 19-Oct-101 04:23:47 pm

SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450

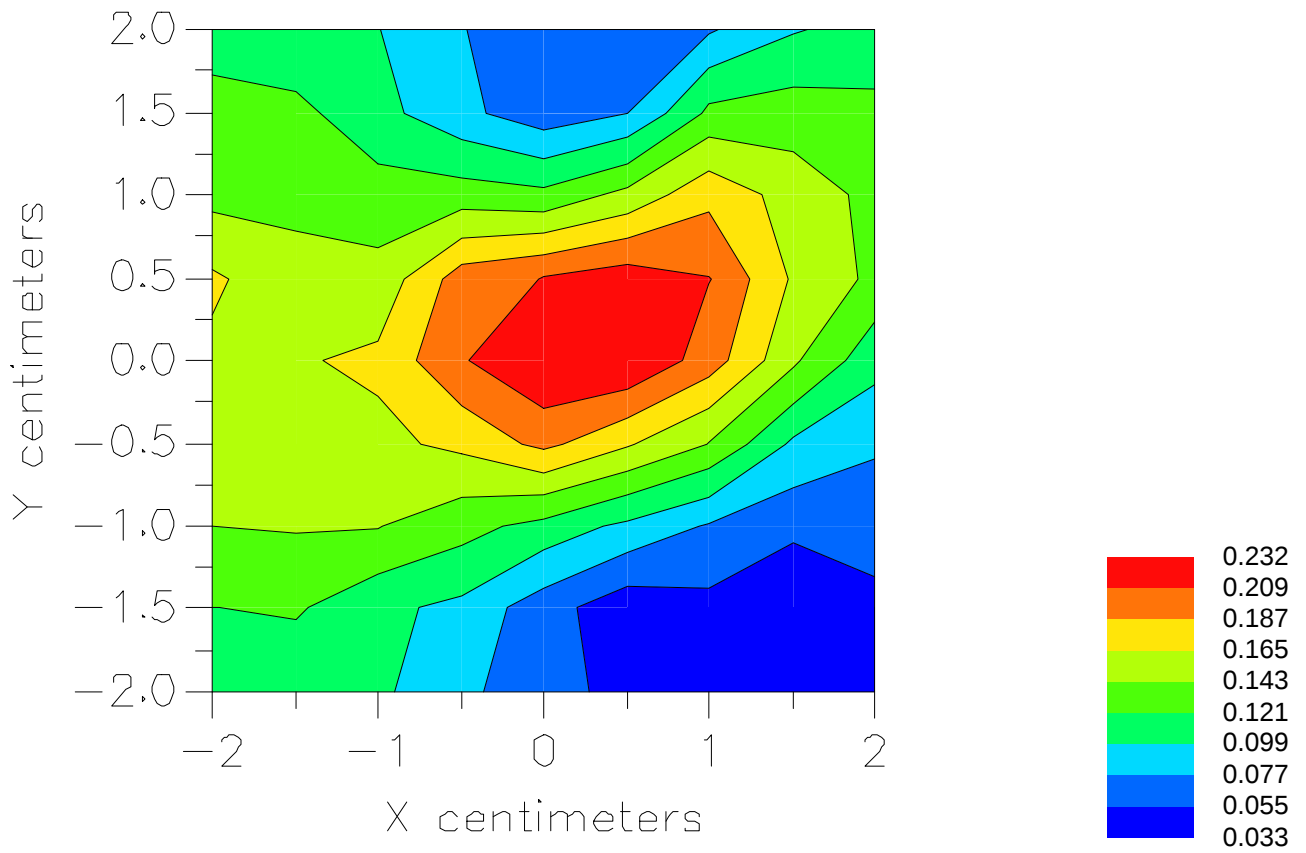


File : 01101913_ZOOM

Start : 19-Oct-101 04:07:27 pm End : 19-Oct-101 04:23:47 pm

SEWON/CTE-310X/2;1851.25MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/54.200/1.450



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101914_ZOOM.VLT
Start : 19-Oct-101 04:24:24 pm End : 19-Oct-101 04:33:54 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1851.25 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 54.200
Mixture Conductivity = 1.450

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0025 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - BODY 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 = 0.000, Z = 0.000 (cm) Value = 4.346

Measured Values (volts) =
4.249E-003 3.579E-003 2.796E-003 2.373E-003 2.027E-003 1.711E-003
1.328E-003 1.064E-003 1.506E-003 1.185E-003 1.332E-003 1.068E-003
1.353E-003 1.352E-003 1.080E-003 1.309E-003 1.521E-003 1.756E-003
1.537E-003 1.784E-003 2.724E-003

Calc. Voltage @ Surface (Vs) = 0.0050

Voltage @ 1.00 cm (Vt) = 0.0023

Ave. Voltage (Vs+Vt)/2 = 0.0037

Ave. SAR over 1 g (mW/g) = 0.1683

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101910_ZOOM.VLT
Start : 19-Oct-101 03:36:40 pm End : 19-Oct-101 03:53:08 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 54.200
Mixture Conductivity = 1.450

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - BODY 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 = -2.000, Y = 0.500, Z = 0.000 (cm) Value = 5.399

Measured Values (volts) =
2.813E-003 3.069E-003 2.167E-003 2.146E-003 2.230E-003 1.658E-003
1.875E-003 1.293E-003 1.205E-003 1.540E-003 1.297E-003 1.576E-003
1.364E-003 1.767E-003 1.928E-003 1.971E-003 2.282E-003 2.077E-003
1.862E-003 2.785E-003 2.810E-003

Calc. Voltage @ Surface (Vs) = 0.0032

Voltage @ 1.00 cm (Vt) = 0.0022

Ave. Voltage (Vs+Vt)/2 = 0.0027

Ave. SAR over 1 g (mW/g) = 0.1227

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101911_ZOOM.VLT
Start : 19-Oct-101 03:53:58 pm End : 19-Oct-101 04:03:30 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1880.00 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 54.200
Mixture Conductivity = 1.450

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 0600 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - BODY 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 = 3.457

Measured Values (volts) =
3.171E-003 2.909E-003 2.452E-003 1.931E-003 1.848E-003 1.687E-003
1.235E-003 1.398E-003 9.739E-004 1.339E-003 1.167E-003 1.597E-003
1.289E-003 9.708E-004 1.115E-003 1.156E-003 1.241E-003 1.532E-003
1.834E-003 1.786E-003 2.495E-003

Calc. Voltage @ Surface (Vs) = 0.0035

Voltage @ 1.00 cm (Vt) = 0.0019

Ave. Voltage (Vs+Vt)/2 = 0.0027

Ave. SAR over 1 g (mW/g) = 0.1247

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101916_ZOOM.VLT
Start : 19-Oct-101 04:38:15 pm End : 19-Oct-101 04:54:33 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 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 = 54.200
Mixture Conductivity = 1.450

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - BODY 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 = -1.500, Y = 0.000, Z = 0.000 (cm) Value = 2.933

Measured Values (volts) =
2.780E-003 2.579E-003 2.150E-003 1.841E-003 1.943E-003 1.640E-003
1.368E-003 1.440E-003 1.406E-003 1.325E-003 1.350E-003 1.474E-003
1.345E-003 1.611E-003 2.025E-003 1.858E-003 1.967E-003 2.105E-003
2.056E-003 1.584E-003 2.603E-003

Calc. Voltage @ Surface (Vs) = 0.0031

Voltage @ 1.00 cm (Vt) = 0.0019

Ave. Voltage (Vs+Vt)/2 = 0.0025

Ave. SAR over 1 g (mW/g) = 0.1136

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01101919_ZOOM.VLT
Start : 19-Oct-101 05:09:15 pm End : 19-Oct-101 05:10:56 pm

Radio Type : SEWON
Model Number : CTE-310X
Serial Number : 2
Frequency : 1908.75 MHz
Peak Trans. Pwr : 0.280 W
Start Trans. Pwr: 0.280 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 54.200
Mixture Conductivity = 1.450

Comment :
SEWON TRI-MODE PHONE - PCS MODE
CH 1175 Conducted 24.5 dBm
SEWON TRI-MODE PHONE - BODY 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 = 0.000, Z = 0.000 (cm) Value = 2.100

Measured Values (volts) =
2.499E-003 2.294E-003 1.851E-003 1.733E-003 1.660E-003 1.502E-003
1.502E-003 1.387E-003 1.123E-003 1.483E-003 1.383E-003 1.393E-003
1.173E-003 1.196E-003 1.687E-003 1.456E-003 1.360E-003 1.834E-003
1.686E-003 2.071E-003 2.489E-003

Calc. Voltage @ Surface (Vs) = 0.0028

Voltage @ 1.00 cm (Vt) = 0.0017

Ave. Voltage (Vs+Vt)/2 = 0.0023

Ave. SAR over 1 g (mW/g) = 0.1043