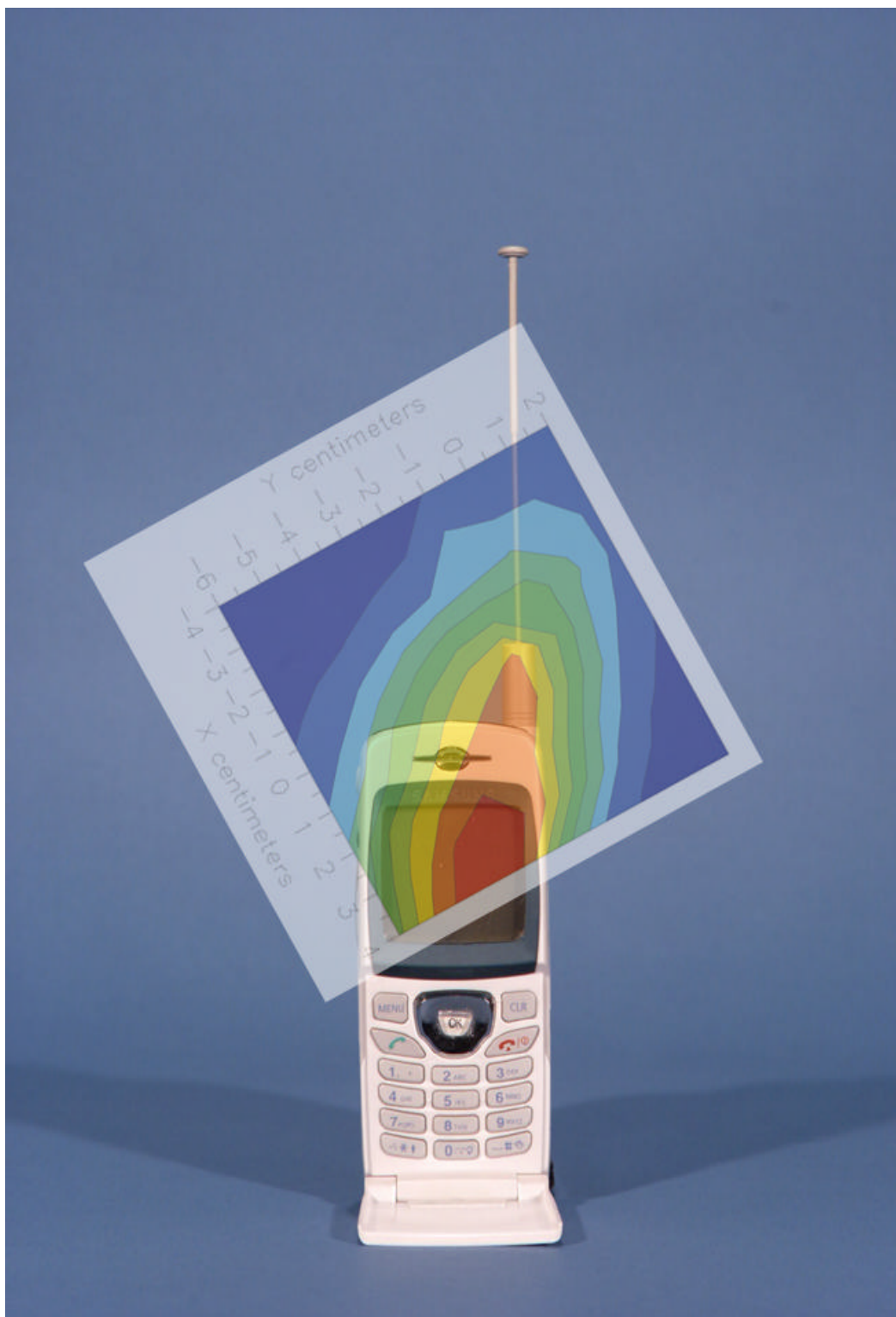


Peak SAR Location

Head SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090405_ZOOM.VLT
Start : 4-Sep-101 11:31:16 am End : 4-Sep-101 11:40:46 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -3.500, Z = 0.000 (cm) Value = 9.089

Measured Values (volts) =
9.086E-003 6.913E-003 5.618E-003 4.547E-003 3.755E-003 3.102E-003
2.613E-003 2.284E-003 2.077E-003 1.899E-003 1.728E-003 1.510E-003
1.228E-003 9.428E-004 6.083E-004 3.029E-004 1.963E-004 1.173E-004
7.601E-005 1.476E-004 2.477E-004

Calc. Voltage @ Surface (Vs) = 0.0116

Voltage @ 1.00 cm (Vt) = 0.0045

Ave. Voltage (Vs+Vt)/2 = 0.0081

Ave. SAR over 1 g (mW/g) = 0.5877

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090404_ZOOM.VLT
Start : 4-Sep-101 11:20:40 am End : 4-Sep-101 11:30:10 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -3.500, Z = 0.000 (cm) Value = 9.139

Measured Values (volts) =
9.086E-003 6.993E-003 5.787E-003 4.674E-003 3.868E-003 3.175E-003
2.708E-003 2.347E-003 2.113E-003 1.912E-003 1.769E-003 1.553E-003
1.272E-003 1.003E-003 6.678E-004 3.874E-004 2.157E-004 1.399E-004
1.279E-004 2.232E-004 3.183E-004

Calc. Voltage @ Surface (Vs) = 0.0114

Voltage @ 1.00 cm (Vt) = 0.0047

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

Ave. SAR over 1 g (mW/g) = 0.5861

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090401_ZOOM.VLT
Start : 4-Sep-101 10:32:36 am End : 4-Sep-101 10:43:58 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -3.500, Z = 0.000 (cm) Value = 13.495

Measured Values (volts) =
1.346E-002 1.110E-002 9.385E-003 7.714E-003 6.473E-003 5.489E-003
4.766E-003 4.196E-003 3.810E-003 3.473E-003 3.224E-003 2.908E-003
2.502E-003 2.088E-003 1.551E-003 1.087E-003 7.491E-004 5.541E-004
5.594E-004 6.716E-004 9.023E-004

Calc. Voltage @ Surface (Vs) = 0.0161

Voltage @ 1.00 cm (Vt) = 0.0077

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

Ave. SAR over 1 g (mW/g) = 0.8693

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090403_ZOOM.VLT
Start : 4-Sep-101 11:09:11 am End : 4-Sep-101 11:18:42 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -3.500, Z = 0.000 (cm) Value = 16.969

Measured Values (volts) =
1.681E-002 1.358E-002 1.142E-002 9.248E-003 7.657E-003 6.397E-003
5.453E-003 4.740E-003 4.298E-003 3.948E-003 3.611E-003 3.286E-003
2.838E-003 2.323E-003 1.779E-003 1.205E-003 8.069E-004 5.837E-004
5.762E-004 7.170E-004 9.218E-004

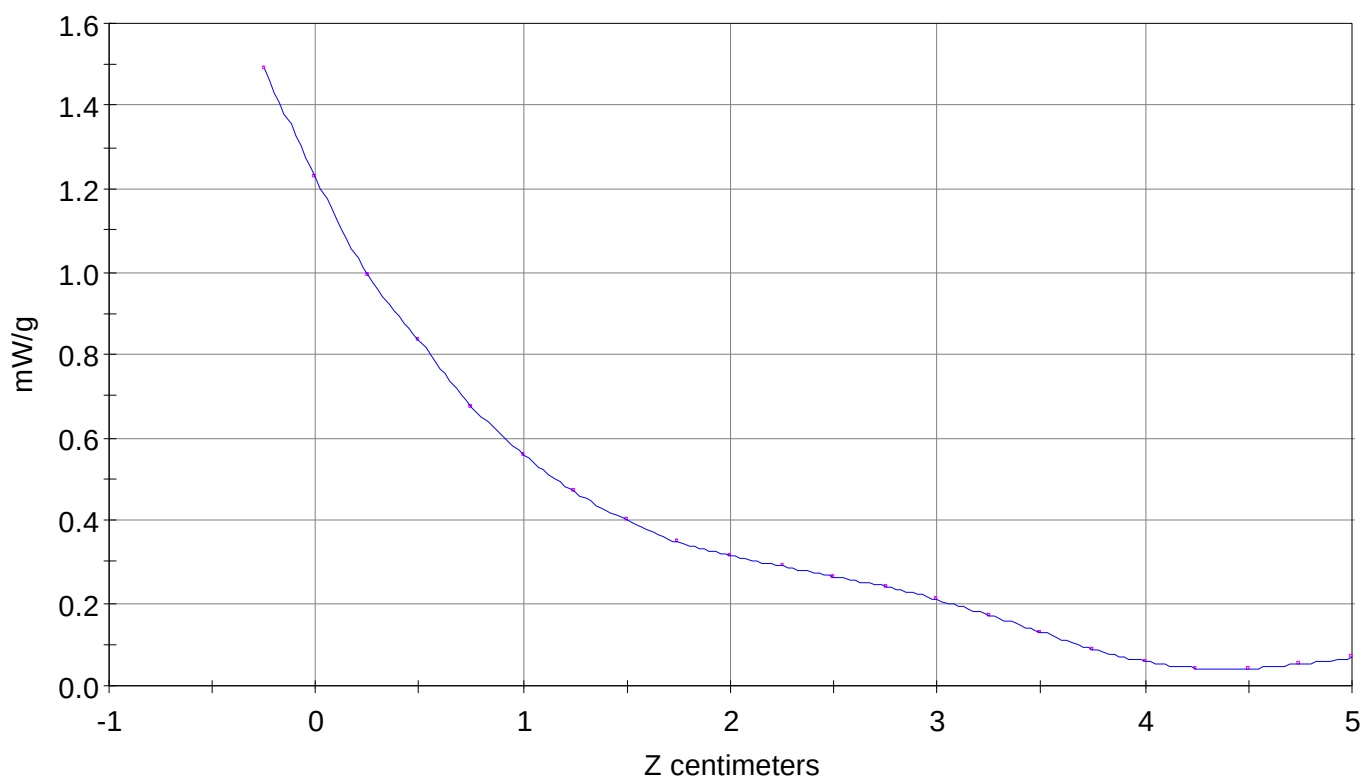
Calc. Voltage @ Surface (Vs) = 0.0204

Voltage @ 1.00 cm (Vt) = 0.0092

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

Ave. SAR over 1 g (mW/g) = 1.0818

SAR Scan
File : 01090403_ZOOM
Start : 4-Sep-101 11:09:11 am End : 4-Sep-101 11:18:42 am
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

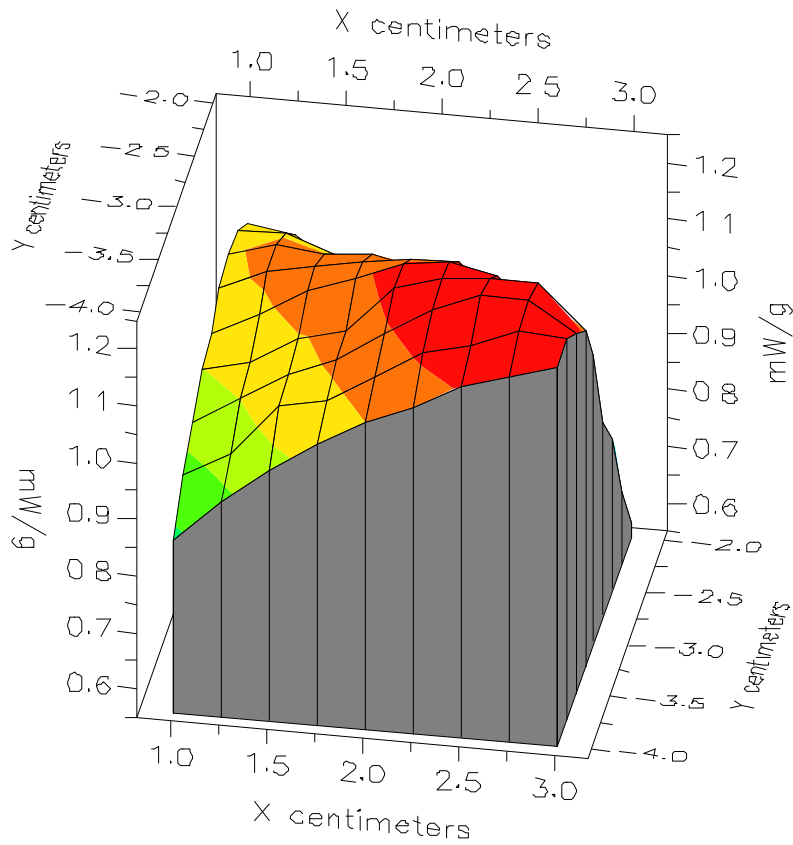


File : 01090403_ZOOM

Start : 4-Sep-101 11:09:11 am End : 4-Sep-101 11:18:42 am

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

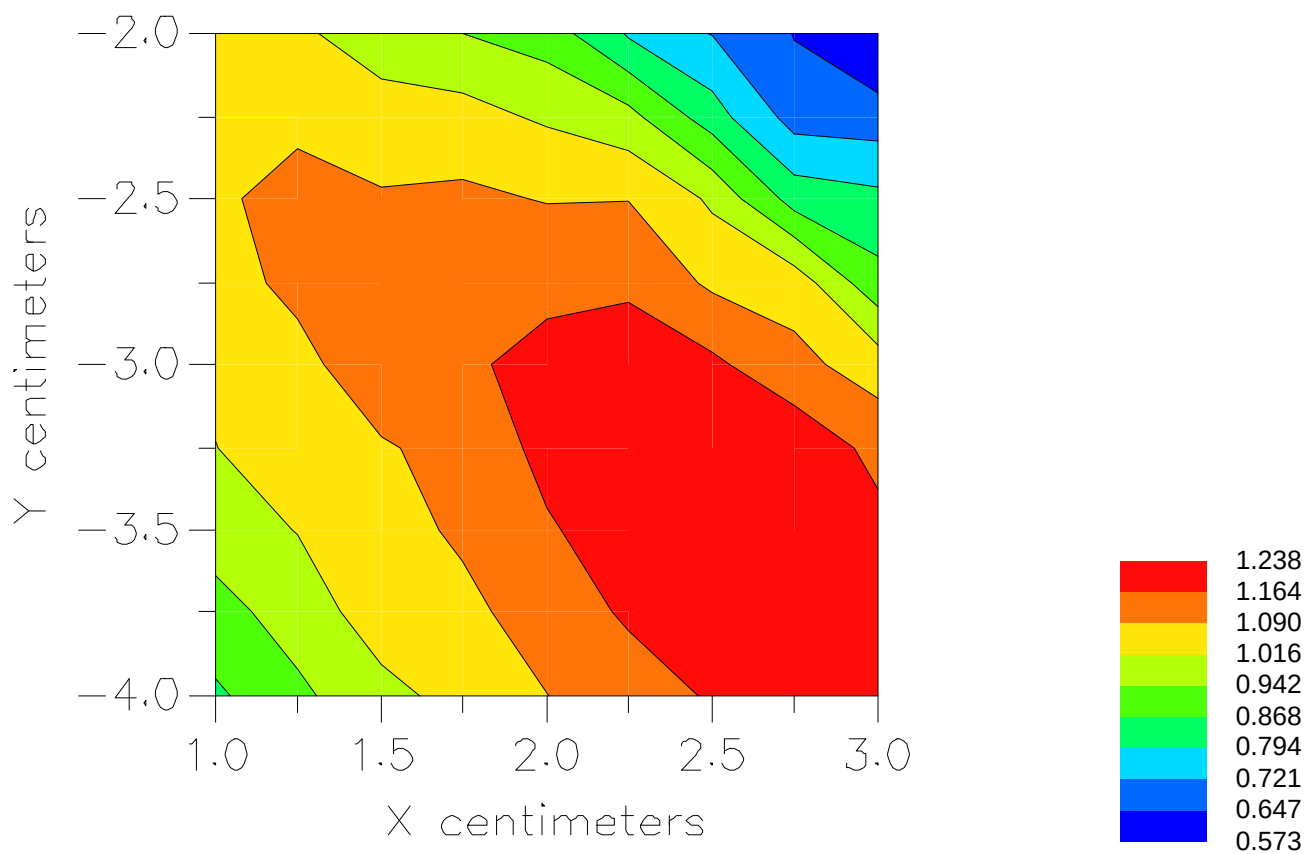


File : 01090403_ZOOM

Start : 4-Sep-101 11:09:11 am End : 4-Sep-101 11:18:42 am

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090406_ZOOM.VLT
Start : 4-Sep-101 11:43:47 am End : 4-Sep-101 11:53:17 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -3.500, Z = 0.000 (cm) Value = 10.952

Measured Values (volts) =
1.066E-002 8.541E-003 7.160E-003 5.697E-003 4.738E-003 3.849E-003
3.247E-003 2.771E-003 2.460E-003 2.213E-003 2.032E-003 1.840E-003
1.541E-003 1.211E-003 8.625E-004 4.645E-004 2.631E-004 1.625E-004
1.073E-004 1.578E-004 2.856E-004

Calc. Voltage @ Surface (Vs) = 0.0130

Voltage @ 1.00 cm (Vt) = 0.0057

Ave. Voltage (Vs+Vt)/2 = 0.0094

Ave. SAR over 1 g (mW/g) = 0.6827

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090407_ZOOM.VLT
Start : 4-Sep-101 11:54:28 am End : 4-Sep-101 12:03:59 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -3.500, Z = 0.000 (cm) Value = 12.166

Measured Values (volts) =
1.198E-002 9.306E-003 7.838E-003 6.320E-003 5.121E-003 4.207E-003
3.587E-003 3.048E-003 2.741E-003 2.442E-003 2.263E-003 1.992E-003
1.634E-003 1.276E-003 9.018E-004 4.810E-004 3.087E-004 1.974E-004
1.617E-004 2.291E-004 3.881E-004

Calc. Voltage @ Surface (Vs) = 0.0148

Voltage @ 1.00 cm (Vt) = 0.0063

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

Ave. SAR over 1 g (mW/g) = 0.7716

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090413_ZOOM.VLT
Start : 4-Sep-101 01:26:25 pm End : 4-Sep-101 01:35:40 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -1.500, Z = 0.000 (cm) Value = 7.826

Measured Values (volts) =
7.362E-003 5.655E-003 4.171E-003 3.346E-003 2.517E-003 1.801E-003
1.282E-003 8.661E-004 5.156E-004 2.392E-004 8.999E-005 5.793E-005
3.948E-005 1.801E-005 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0098

Voltage @ 1.00 cm (Vt) = 0.0033

Ave. Voltage (Vs+Vt)/2 = 0.0066

Ave. SAR over 1 g (mW/g) = 0.4790

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090412_ZOOM.VLT
Start : 4-Sep-101 01:12:50 pm End : 4-Sep-101 01:22:05 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -1.500, Z = 0.000 (cm) Value = 7.824

Measured Values (volts) =
7.433E-003 5.449E-003 4.212E-003 3.426E-003 2.656E-003 2.030E-003
1.440E-003 9.277E-004 5.666E-004 3.068E-004 1.405E-004 1.090E-004
8.637E-005 8.335E-005 7.102E-005 3.819E-005 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0099

Voltage @ 1.00 cm (Vt) = 0.0034

Ave. Voltage (Vs+Vt)/2 = 0.0067

Ave. SAR over 1 g (mW/g) = 0.4853

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090409_ZOOM.VLT
Start : 4-Sep-101 12:38:12 pm End : 4-Sep-101 12:47:26 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -1.500, Z = 0.000 (cm) Value = 15.151

Measured Values (volts) =
1.471E-002 1.106E-002 9.088E-003 7.583E-003 6.515E-003 5.372E-003
4.489E-003 3.726E-003 3.105E-003 2.587E-003 2.253E-003 1.994E-003
1.914E-003 1.867E-003 1.834E-003 1.750E-003 1.605E-003 1.379E-003
1.142E-003 9.301E-004 7.380E-004

Calc. Voltage @ Surface (Vs) = 0.0187

Voltage @ 1.00 cm (Vt) = 0.0076

Ave. Voltage (Vs+Vt)/2 = 0.0132

Ave. SAR over 1 g (mW/g) = 0.9601

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090408_ZOOM.VLT
Start : 4-Sep-101 12:16:12 pm End : 4-Sep-101 12:28:32 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -1.750, Z = 0.000 (cm) Value = 15.749

Measured Values (volts) =
1.544E-002 1.235E-002 1.019E-002 8.834E-003 7.589E-003 6.315E-003
5.424E-003 4.482E-003 3.729E-003 3.097E-003 2.720E-003 2.473E-003
2.383E-003 2.363E-003 2.359E-003 2.307E-003 2.138E-003 1.818E-003
1.519E-003 1.179E-003 9.217E-004

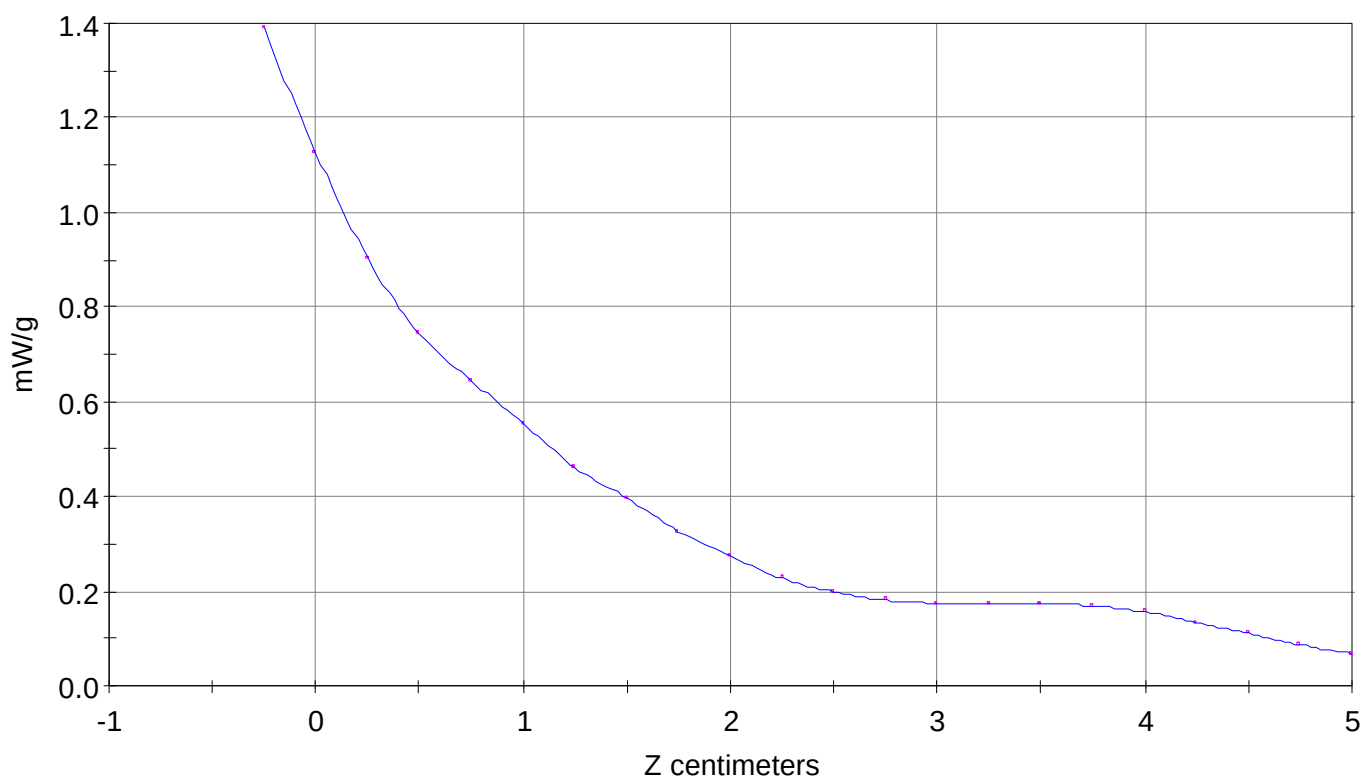
Calc. Voltage @ Surface (Vs) = 0.0190

Voltage @ 1.00 cm (Vt) = 0.0088

Ave. Voltage (Vs+Vt)/2 = 0.0139

Ave. SAR over 1 g (mW/g) = 1.0161

SAR Scan
File : 01090408_ZOOM
Start : 4-Sep-101 12:16:12 pm End : 4-Sep-101 12:28:32 pm
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

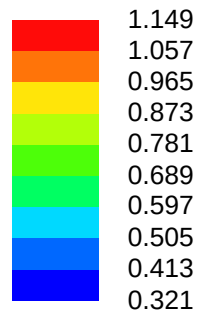
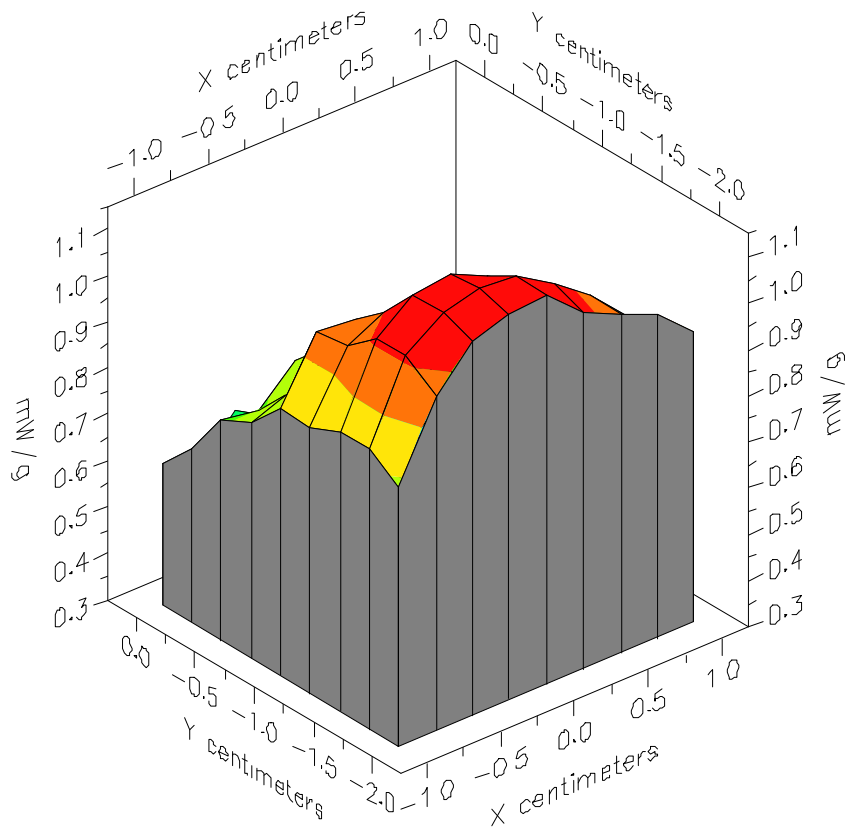


File : 01090408_ZOOM

Start : 4-Sep-101 12:16:12 pm End : 4-Sep-101 12:28:32 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

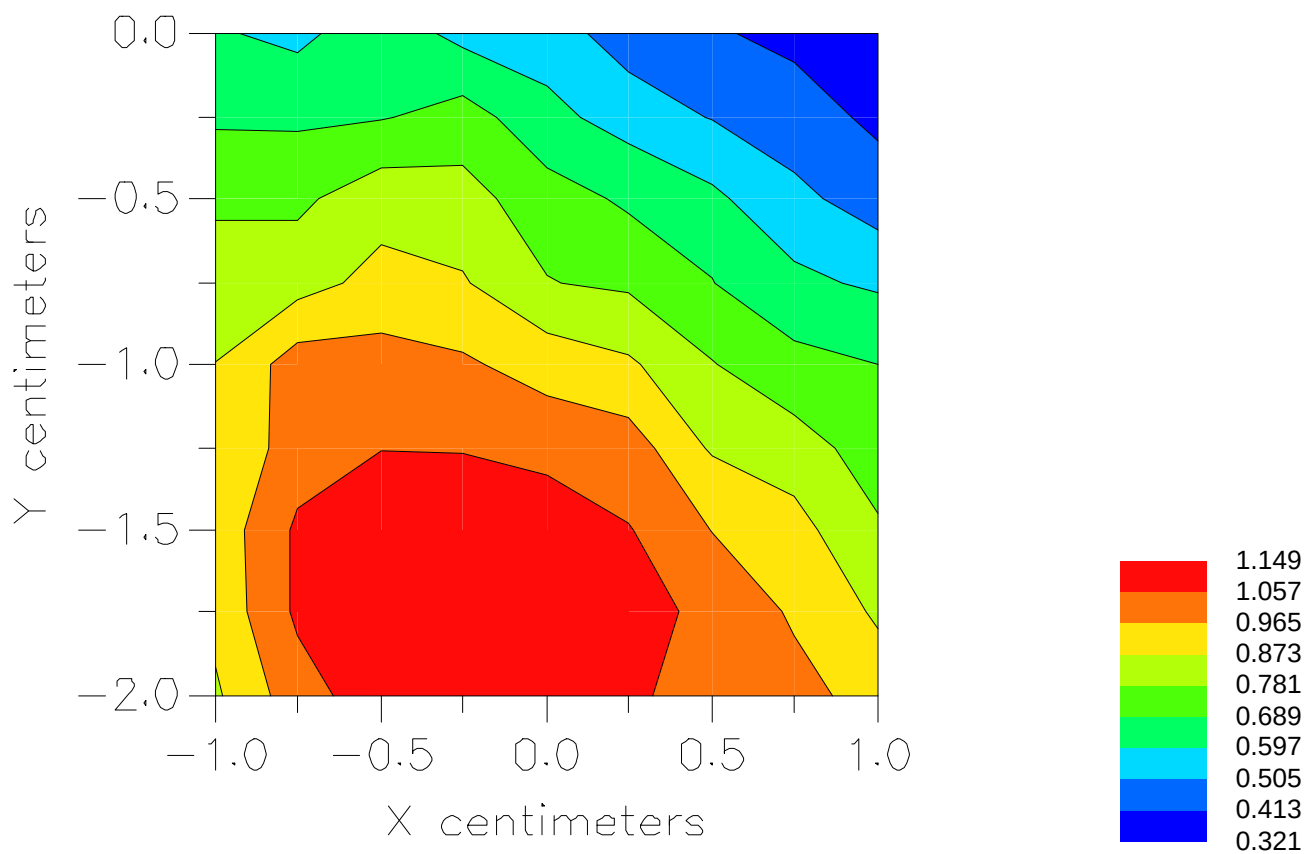


File : 01090408_ZOOM

Start : 4-Sep-101 12:16:12 pm End : 4-Sep-101 12:28:32 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090415_ZOOM.VLT
Start : 4-Sep-101 01:48:31 pm End : 4-Sep-101 01:57:46 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 0.000, Y = -1.750, Z = 0.000 (cm) Value = 8.898

Measured Values (volts) =
8.710E-003 6.446E-003 5.049E-003 3.802E-003 3.008E-003 2.165E-003
1.487E-003 9.426E-004 6.379E-004 2.548E-004 9.777E-005 5.394E-005
2.123E-005 1.982E-005 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0114

Voltage @ 1.00 cm (Vt) = 0.0038

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

Ave. SAR over 1 g (mW/g) = 0.5562

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090414_ZOOM.VLT
Start : 4-Sep-101 01:38:03 pm End : 4-Sep-101 01:47:18 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -1.750, Z = 0.000 (cm) Value = 9.878

Measured Values (volts) =
9.663E-003 7.464E-003 5.709E-003 4.670E-003 3.709E-003 2.914E-003
2.130E-003 1.441E-003 8.763E-004 4.759E-004 2.291E-004 1.331E-004
1.182E-004 1.092E-004 1.000E-004 6.723E-005 1.398E-005 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0126

Voltage @ 1.00 cm (Vt) = 0.0047

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

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

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090506_ZOOM.VLT
Start : 5-Sep-101 11:48:49 am End : 5-Sep-101 11:57:43 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.500, Y = -0.750, Z = 0.000 (cm) Value = 8.000

Measured Values (volts) =
6.105E-003 4.649E-003 3.550E-003 2.804E-003 2.146E-003 1.619E-003
1.195E-003 8.240E-004 5.738E-004 3.826E-004 2.387E-004 1.298E-004
6.091E-005 0.000E+000 0.000E+000 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0080

Voltage @ 1.00 cm (Vt) = 0.0028

Ave. Voltage (Vs+Vt)/2 = 0.0054

Ave. SAR over 1 g (mW/g) = 0.3943

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090504_ZOOM.VLT
Start : 5-Sep-101 11:26:06 am End : 5-Sep-101 11:34:59 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 1013 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.250, Y = -0.500, Z = 0.000 (cm) Value = 9.691

Measured Values (volts) =
9.211E-003 7.789E-003 6.144E-003 5.128E-003 4.351E-003 3.644E-003
3.052E-003 2.582E-003 2.204E-003 1.866E-003 1.691E-003 1.514E-003
1.348E-003 1.164E-003 9.958E-004 7.899E-004 5.364E-004 3.886E-004
3.078E-004 2.269E-004 2.965E-004

Calc. Voltage @ Surface (Vs) = 0.0113

Voltage @ 1.00 cm (Vt) = 0.0051

Ave. Voltage (Vs+Vt)/2 = 0.0082

Ave. SAR over 1 g (mW/g) = 0.5988

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090503_ZOOM.VLT
Start : 5-Sep-101 11:14:38 am End : 5-Sep-101 11:23:31 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.250, Y = -0.500, Z = 0.000 (cm) Value = 17.025

Measured Values (volts) =
1.610E-002 1.329E-002 1.108E-002 9.569E-003 8.199E-003 7.155E-003
6.226E-003 5.441E-003 4.848E-003 4.421E-003 4.063E-003 3.775E-003
3.504E-003 3.184E-003 2.851E-003 2.490E-003 2.217E-003 2.012E-003
1.836E-003 1.814E-003 1.836E-003

Calc. Voltage @ Surface (Vs) = 0.0194

Voltage @ 1.00 cm (Vt) = 0.0096

Ave. Voltage (Vs+Vt)/2 = 0.0145

Ave. SAR over 1 g (mW/g) = 1.0569

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090502_ZOOM.VLT
Start : 5-Sep-101 10:55:32 am End : 5-Sep-101 11:09:11 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : 0u
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 17.244

Measured Values (volts) =
1.718E-002 1.495E-002 1.212E-002 1.046E-002 8.873E-003 7.721E-003
6.637E-003 5.804E-003 5.110E-003 4.619E-003 4.281E-003 3.964E-003
3.692E-003 3.465E-003 3.142E-003 2.764E-003 2.408E-003 2.071E-003
1.826E-003 1.780E-003 1.747E-003

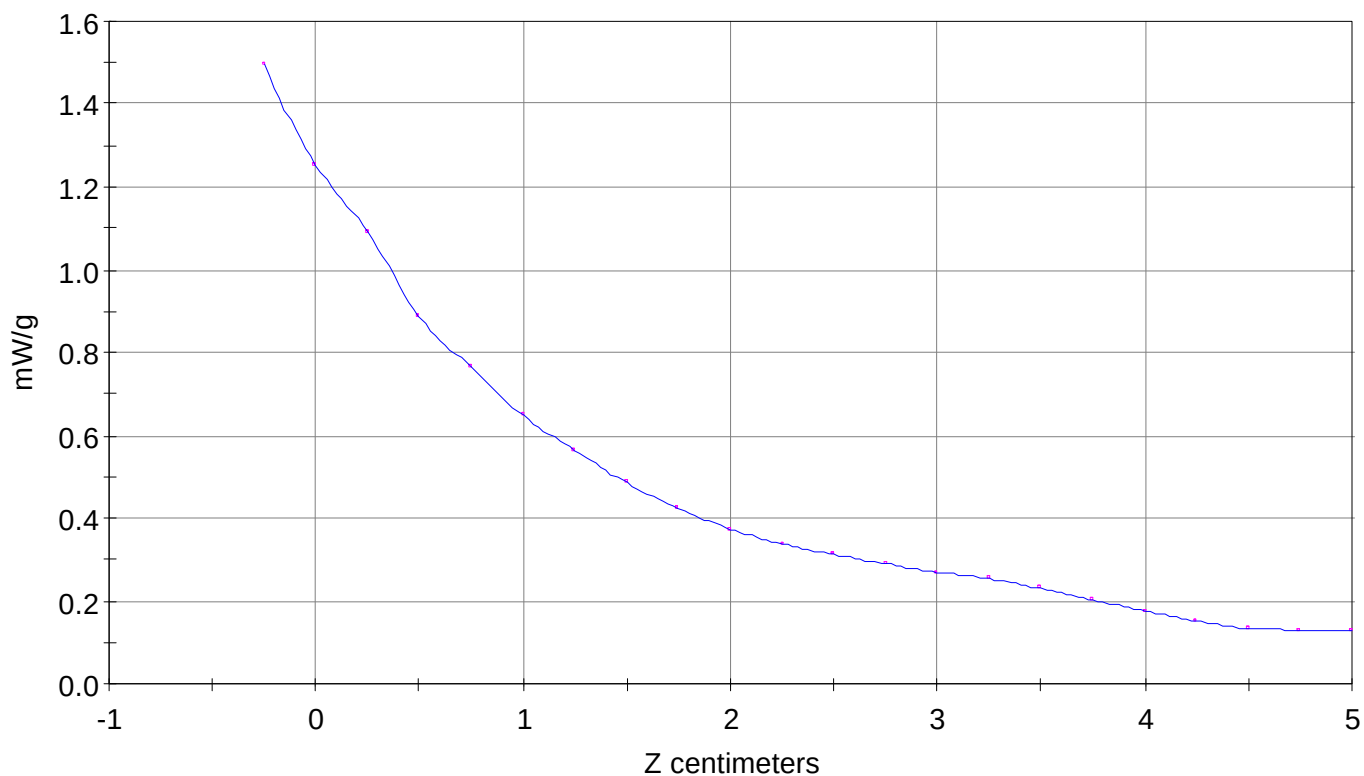
Calc. Voltage @ Surface (Vs) = 0.0205

Voltage @ 1.00 cm (Vt) = 0.0105

Ave. Voltage (Vs+Vt)/2 = 0.0155

Ave. SAR over 1 g (mW/g) = 1.1281

SAR Scan
File : 01090502_ZOOM
Start : 5-Sep-101 10:55:32 am End : 5-Sep-101 11:09:11 am
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

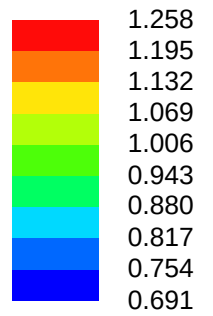
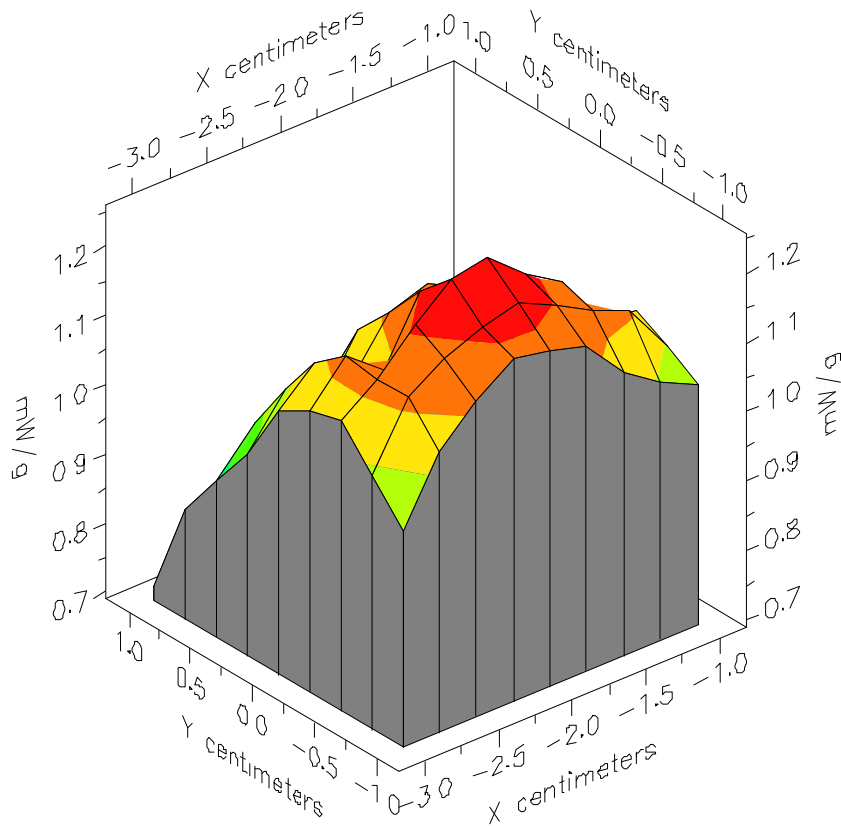


File : 01090502_ZOOM

Start : 5-Sep-101 10:55:32 am End : 5-Sep-101 11:09:11 am

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

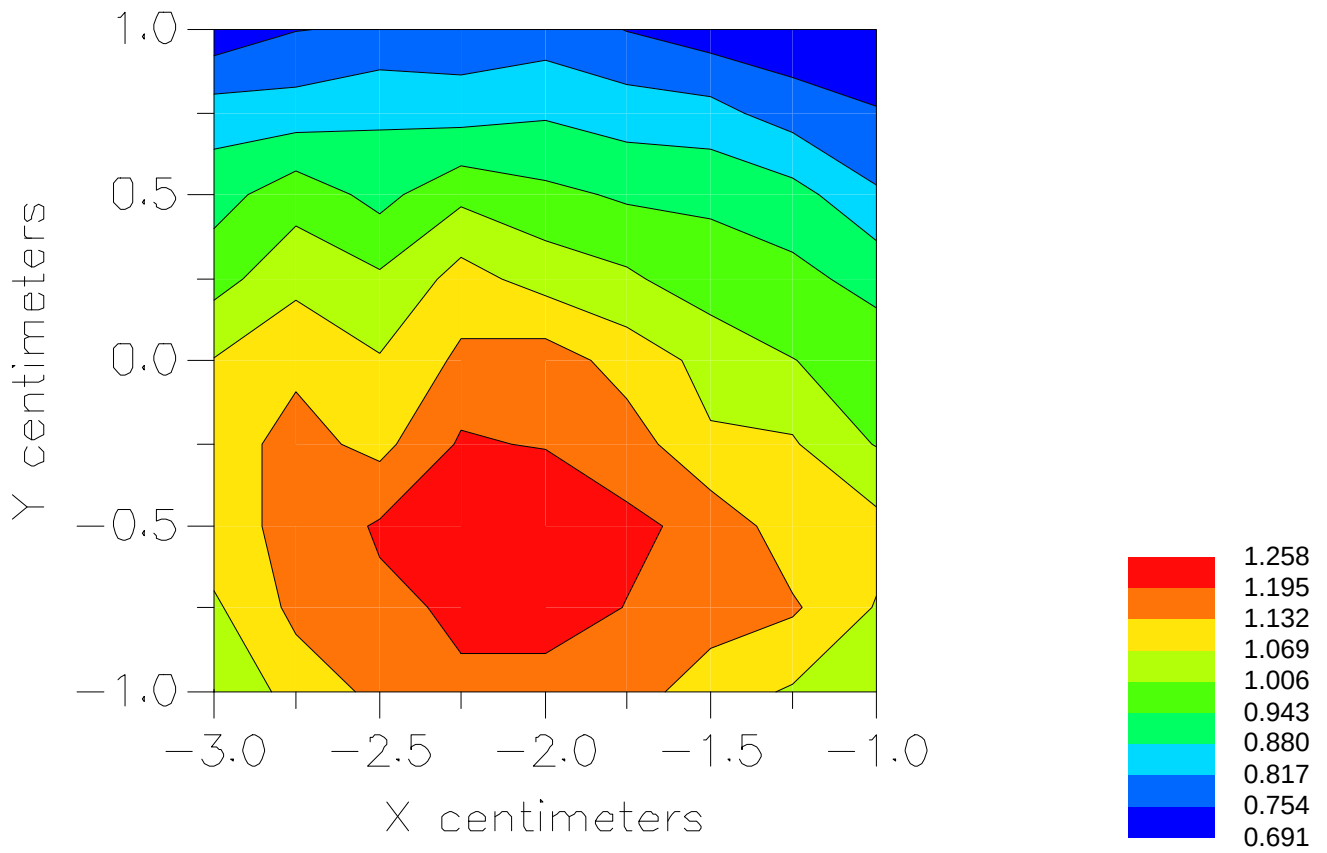


File : 01090502_ZOOM

Start : 5-Sep-101 10:55:32 am End : 5-Sep-101 11:09:11 am

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090508_ZOOM.VLT
Start : 5-Sep-101 12:09:53 pm End : 5-Sep-101 12:18:47 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 9.648

Measured Values (volts) =
9.307E-003 7.845E-003 6.172E-003 5.068E-003 4.048E-003 3.188E-003
2.509E-003 1.929E-003 1.453E-003 1.097E-003 8.561E-004 6.707E-004
5.041E-004 2.720E-004 1.293E-004 2.441E-005 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0114

Voltage @ 1.00 cm (Vt) = 0.0051

Ave. Voltage (Vs+Vt)/2 = 0.0083

Ave. SAR over 1 g (mW/g) = 0.6021

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090507_ZOOM.VLT
Start : 5-Sep-101 11:59:57 am End : 5-Sep-101 12:08:51 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 10.433

Measured Values (volts) =
1.028E-002 9.080E-003 7.217E-003 5.934E-003 4.861E-003 3.903E-003
3.090E-003 2.423E-003 1.865E-003 1.510E-003 1.215E-003 9.845E-004
8.503E-004 6.179E-004 2.967E-004 7.889E-005 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0123

Voltage @ 1.00 cm (Vt) = 0.0059

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

Ave. SAR over 1 g (mW/g) = 0.6648

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090513_ZOOM.VLT
Start : 5-Sep-101 01:26:14 pm End : 5-Sep-101 01:35:34 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 1.250, Y = -1.500, Z = 0.000 (cm) Value = 10.209

Measured Values (volts) =
8.655E-003 6.521E-003 5.374E-003 4.674E-003 4.108E-003 3.443E-003
2.932E-003 2.401E-003 1.971E-003 1.630E-003 1.402E-003 1.222E-003
1.171E-003 1.167E-003 1.149E-003 1.095E-003 1.028E-003 8.568E-004
6.868E-004 5.020E-004 2.949E-004

Calc. Voltage @ Surface (Vs) = 0.0110

Voltage @ 1.00 cm (Vt) = 0.0047

Ave. Voltage (Vs+Vt)/2 = 0.0078

Ave. SAR over 1 g (mW/g) = 0.5716

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090512_ZOOM.VLT
Start : 5-Sep-101 01:15:20 pm End : 5-Sep-101 01:24:40 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 1.750, Y = -0.750, Z = 0.000 (cm) Value = 7.123

Measured Values (volts) =
6.841E-003 4.775E-003 3.741E-003 3.115E-003 2.618E-003 2.192E-003
1.791E-003 1.334E-003 9.933E-004 6.571E-004 3.633E-004 1.424E-004
3.617E-005 5.277E-006 0.000E+000 4.592E-006 1.688E-005 7.694E-006
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0093

Voltage @ 1.00 cm (Vt) = 0.0031

Ave. Voltage (Vs+Vt)/2 = 0.0062

Ave. SAR over 1 g (mW/g) = 0.4517

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090511_ZOOM.VLT
Start : 5-Sep-101 01:03:33 pm End : 5-Sep-101 01:12:53 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 0.500, Y = -1.500, Z = 0.000 (cm) Value = 12.474

Measured Values (volts) =
1.081E-002 9.188E-003 7.390E-003 6.339E-003 5.509E-003 4.666E-003
3.835E-003 3.058E-003 2.385E-003 1.794E-003 1.411E-003 1.157E-003
1.014E-003 9.306E-004 8.622E-004 7.110E-004 4.840E-004 2.307E-004
5.648E-005 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0131

Voltage @ 1.00 cm (Vt) = 0.0063

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

Ave. SAR over 1 g (mW/g) = 0.7082

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090509_ZOOM.VLT
Start : 5-Sep-101 12:33:01 pm End : 5-Sep-101 12:48:06 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : 0u
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 1.500, Y = -1.250, Z = 0.000 (cm) Value = 16.399

Measured Values (volts) =
1.561E-002 1.215E-002 9.141E-003 7.671E-003 6.597E-003 5.611E-003
4.689E-003 3.847E-003 2.954E-003 2.182E-003 1.524E-003 1.098E-003
8.353E-004 7.393E-004 7.384E-004 7.715E-004 7.280E-004 5.939E-004
3.906E-004 1.160E-004 0.000E+000

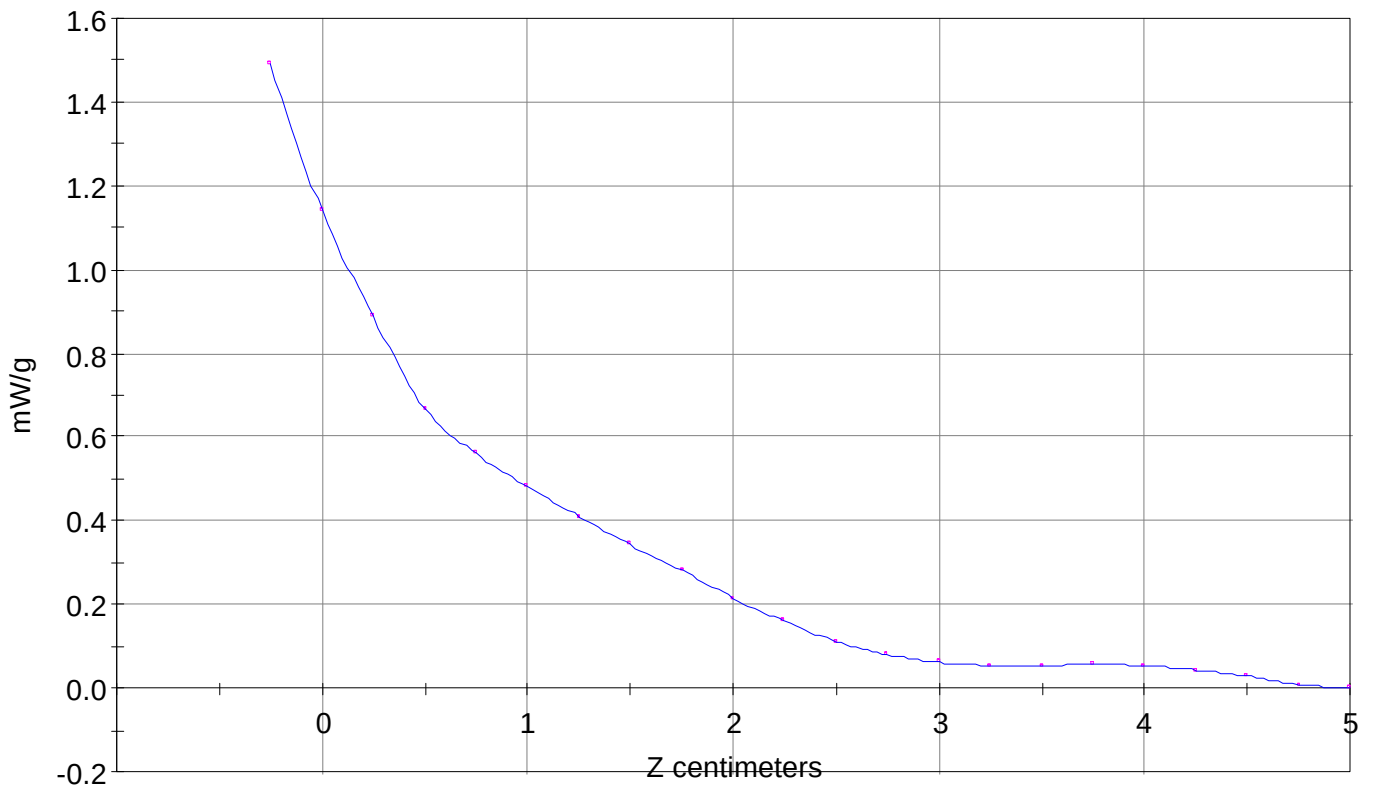
Calc. Voltage @ Surface (Vs) = 0.0204

Voltage @ 1.00 cm (Vt) = 0.0077

Ave. Voltage (Vs+Vt)/2 = 0.0140

Ave. SAR over 1 g (mW/g) = 1.0240

SAR Scan
File : 01090509_ZOOM
Start : 5-Sep-101 12:33:01 pm End : 5-Sep-101 12:48:06 pm
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

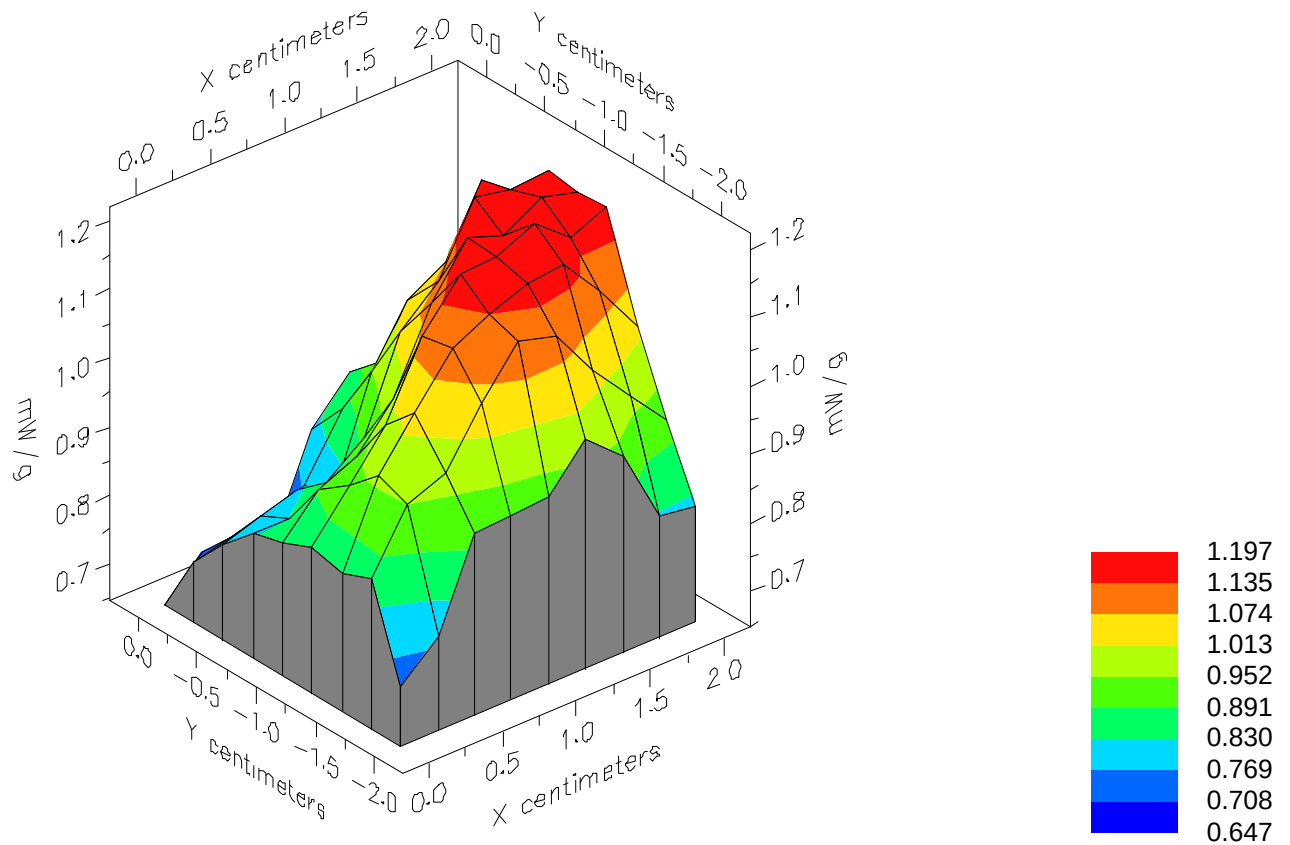


File : 01090509_ZOOM

Start : 5-Sep-101 12:33:01 pm End : 5-Sep-101 12:48:06 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

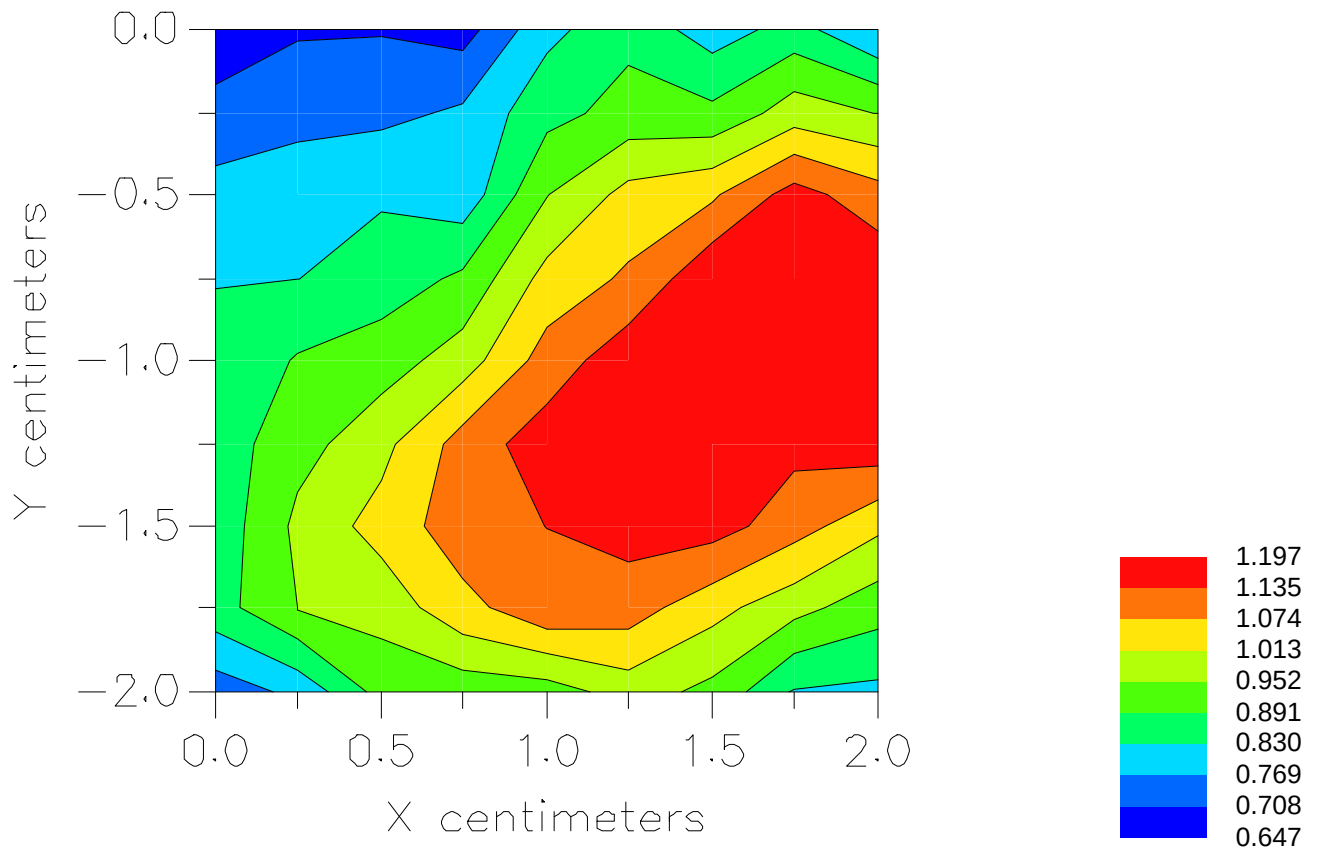


File : 01090509_ZOOM

Start : 5-Sep-101 12:33:01 pm End : 5-Sep-101 12:48:06 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090515_ZOOM.VLT
Start : 5-Sep-101 01:49:17 pm End : 5-Sep-101 01:58:38 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 1.250, Y = -1.250, Z = 0.000 (cm) Value = 11.501

Measured Values (volts) =
1.014E-002 7.567E-003 6.304E-003 5.455E-003 4.762E-003 4.263E-003
3.695E-003 3.120E-003 2.599E-003 2.070E-003 1.758E-003 1.444E-003
1.339E-003 1.265E-003 1.247E-003 1.244E-003 1.173E-003 1.057E-003
8.270E-004 6.359E-004 4.108E-004

Calc. Voltage @ Surface (Vs) = 0.0129

Voltage @ 1.00 cm (Vt) = 0.0055

Ave. Voltage (Vs+Vt)/2 = 0.0092

Ave. SAR over 1 g (mW/g) = 0.6690

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090514_ZOOM.VLT
Start : 5-Sep-101 01:37:00 pm End : 5-Sep-101 01:46:20 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 1.750, Y = -0.750, Z = 0.000 (cm) Value = 12.492

Measured Values (volts) =
1.213E-002 8.792E-003 7.195E-003 6.154E-003 5.411E-003 4.842E-003
4.262E-003 3.660E-003 3.117E-003 2.554E-003 2.098E-003 1.716E-003
1.416E-003 1.286E-003 1.215E-003 1.224E-003 1.184E-003 1.156E-003
1.044E-003 8.720E-004 6.475E-004

Calc. Voltage @ Surface (Vs) = 0.0158

Voltage @ 1.00 cm (Vt) = 0.0062

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

Ave. SAR over 1 g (mW/g) = 0.8002

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090532_ZOOM.VLT
Start : 5-Sep-101 05:41:31 pm End : 5-Sep-101 05:51:01 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 1.750, Y = -3.000, Z = 0.000 (cm) Value = 8.851

Measured Values (volts) =
8.536E-003 6.764E-003 5.535E-003 4.512E-003 3.761E-003 3.263E-003
2.897E-003 2.670E-003 2.501E-003 2.384E-003 2.192E-003 1.921E-003
1.600E-003 1.248E-003 9.165E-004 6.631E-004 4.996E-004 4.877E-004
5.969E-004 7.510E-004 8.932E-004

Calc. Voltage @ Surface (Vs) = 0.0106

Voltage @ 1.00 cm (Vt) = 0.0045

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

Ave. SAR over 1 g (mW/g) = 0.5514

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090531_ZOOM.VLT
Start : 5-Sep-101 05:30:12 pm End : 5-Sep-101 05:39:42 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.000, Y = -3.250, Z = 0.000 (cm) Value = 7.277

Measured Values (volts) =
7.048E-003 5.362E-003 4.020E-003 3.022E-003 2.414E-003 1.813E-003
1.519E-003 1.259E-003 1.062E-003 8.773E-004 6.804E-004 4.997E-004
3.926E-004 2.443E-004 1.059E-004 0.000E+000 0.000E+000 0.000E+000
0.000E+000 0.000E+000 0.000E+000

Calc. Voltage @ Surface (Vs) = 0.0093

Voltage @ 1.00 cm (Vt) = 0.0030

Ave. Voltage (Vs+Vt)/2 = 0.0062

Ave. SAR over 1 g (mW/g) = 0.4507

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090530_ZOOM.VLT
Start : 5-Sep-101 05:18:18 pm End : 5-Sep-101 05:27:49 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.250, Y = -3.250, Z = 0.000 (cm) Value = 14.230

Measured Values (volts) =
1.415E-002 1.140E-002 8.982E-003 7.454E-003 6.135E-003 5.204E-003
4.730E-003 4.324E-003 4.047E-003 3.738E-003 3.409E-003 2.905E-003
2.299E-003 1.696E-003 1.214E-003 8.970E-004 7.198E-004 7.529E-004
9.374E-004 1.232E-003 1.439E-003

Calc. Voltage @ Surface (Vs) = 0.0178

Voltage @ 1.00 cm (Vt) = 0.0075

Ave. Voltage (Vs+Vt)/2 = 0.0126

Ave. SAR over 1 g (mW/g) = 0.9201

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090529_ZOOM.VLT
Start : 5-Sep-101 05:05:09 pm End : 5-Sep-101 05:17:04 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.000, Y = -3.250, Z = 0.000 (cm) Value = 14.964

Measured Values (volts) =
1.438E-002 1.161E-002 9.303E-003 7.722E-003 6.577E-003 5.537E-003
4.912E-003 4.512E-003 4.134E-003 3.867E-003 3.501E-003 3.054E-003
2.428E-003 1.888E-003 1.283E-003 8.785E-004 6.842E-004 7.235E-004
8.634E-004 1.125E-003 1.402E-003

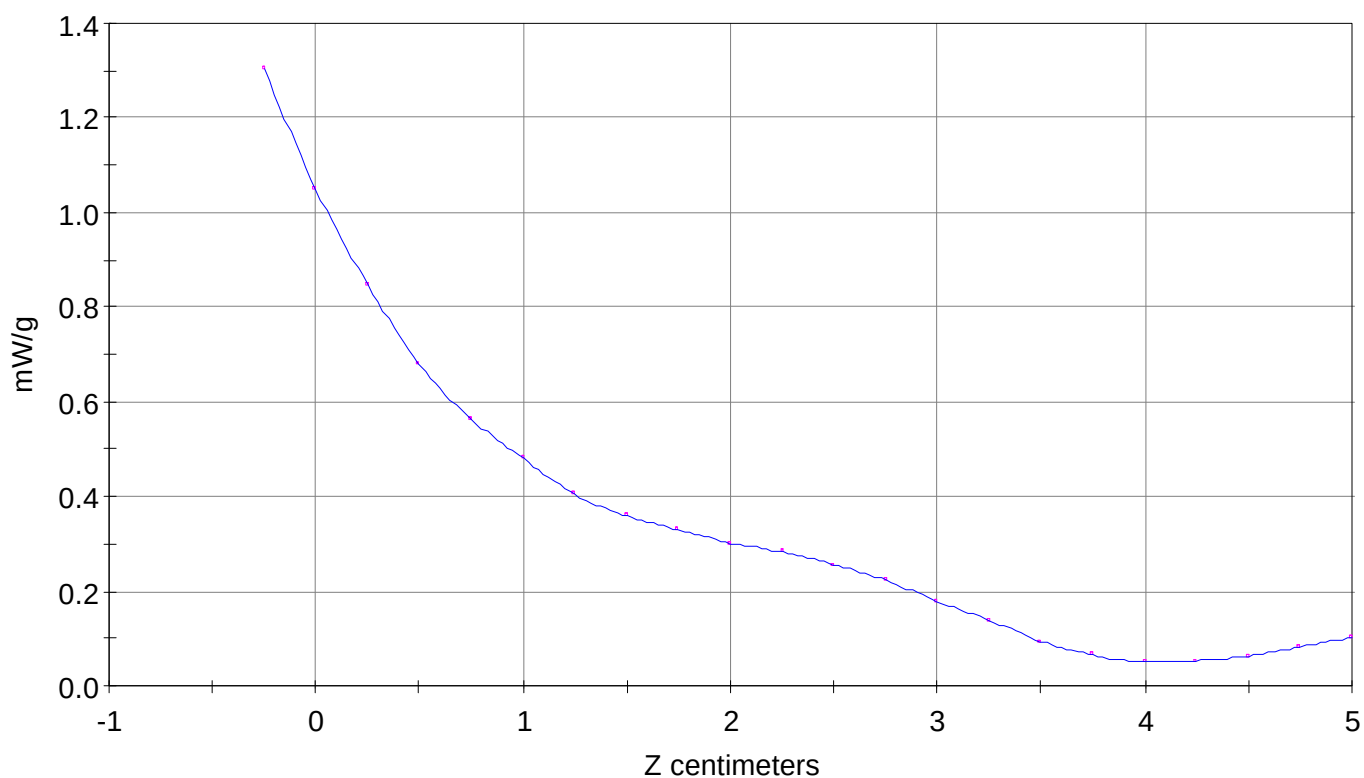
Calc. Voltage @ Surface (Vs) = 0.0179

Voltage @ 1.00 cm (Vt) = 0.0077

Ave. Voltage (Vs+Vt)/2 = 0.0128

Ave. SAR over 1 g (mW/g) = 0.9338

SAR Scan
File : 01090529_ZOOM
Start : 5-Sep-101 05:05:09 pm End : 5-Sep-101 05:17:04 pm
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

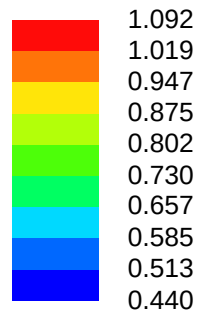
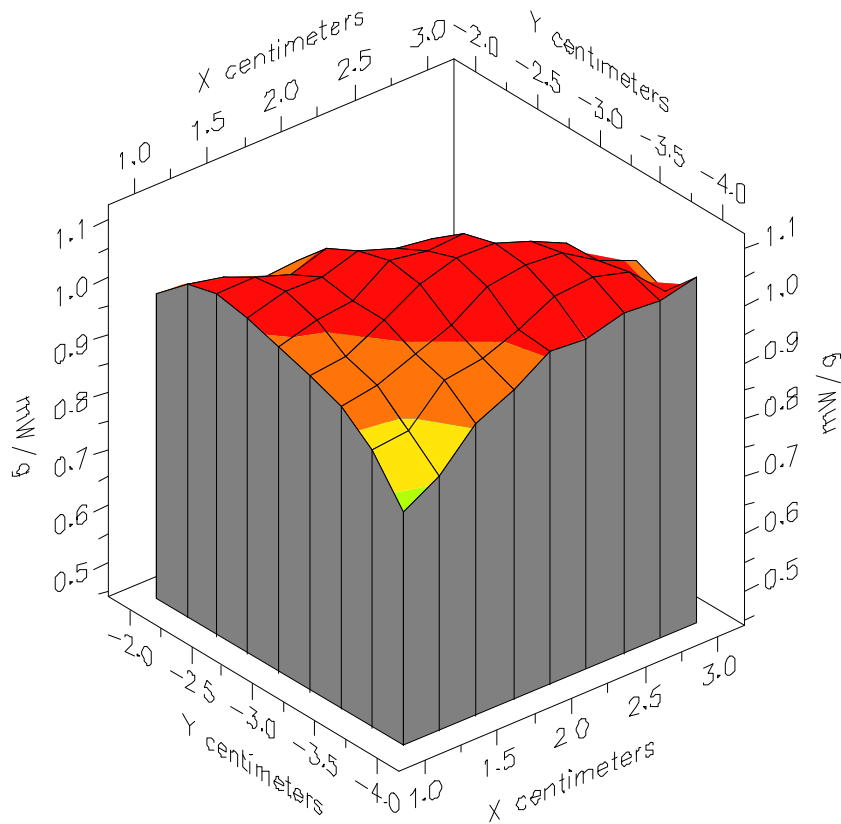


File : 01090529_ZOOM

Start : 5-Sep-101 05:05:09 pm End : 5-Sep-101 05:17:04 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

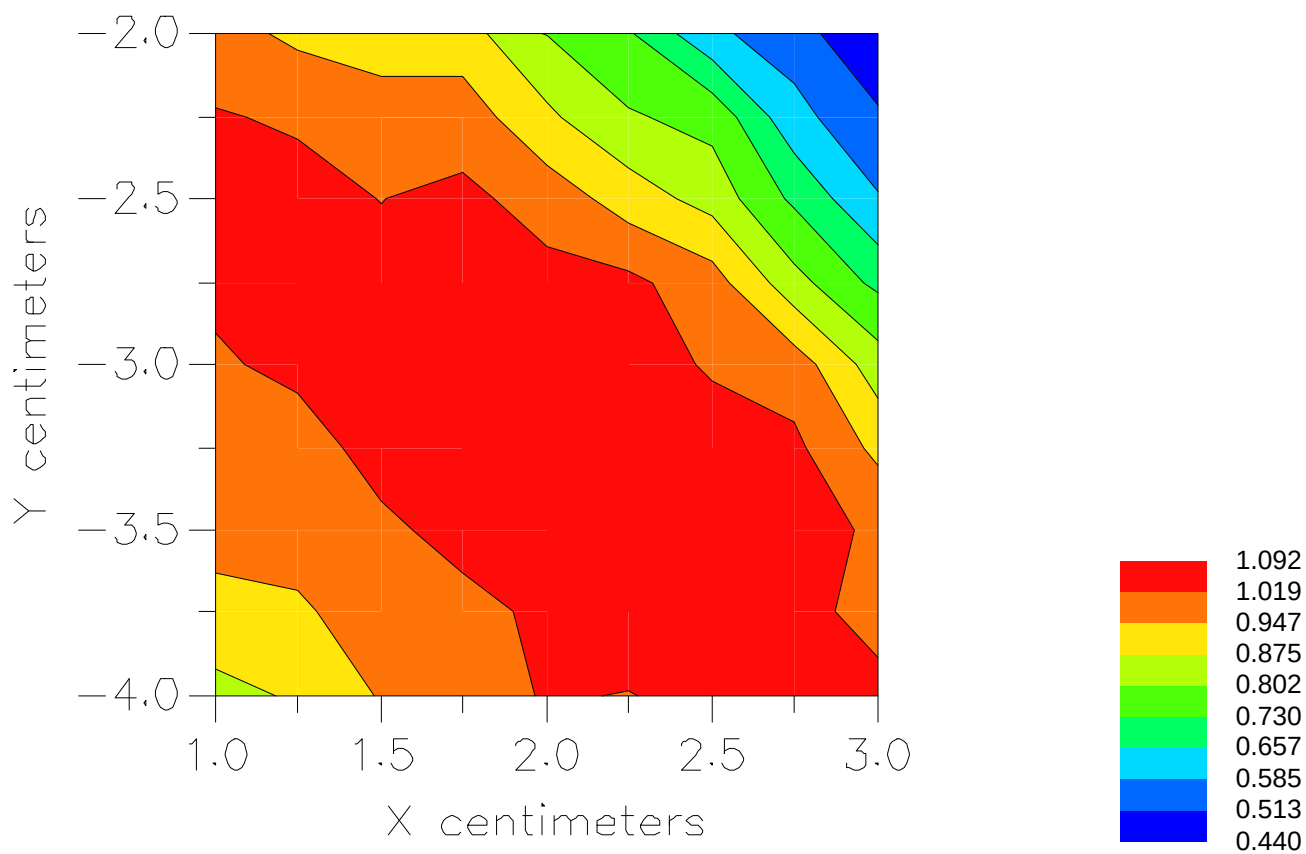


File : 01090529_ZOOM

Start : 5-Sep-101 05:05:09 pm End : 5-Sep-101 05:17:04 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090534_ZOOM.VLT
Start : 5-Sep-101 06:04:29 pm End : 5-Sep-101 06:13:59 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.250, Y = -3.250, Z = 0.000 (cm) Value = 10.369

Measured Values (volts) =
1.024E-002 8.174E-003 6.659E-003 5.395E-003 4.502E-003 3.888E-003
3.488E-003 3.196E-003 2.959E-003 2.796E-003 2.496E-003 2.236E-003
1.798E-003 1.374E-003 1.020E-003 7.963E-004 6.882E-004 6.794E-004
8.240E-004 1.008E-003 1.143E-003

Calc. Voltage @ Surface (Vs) = 0.0127

Voltage @ 1.00 cm (Vt) = 0.0054

Ave. Voltage (Vs+Vt)/2 = 0.0090

Ave. SAR over 1 g (mW/g) = 0.6601

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090533_ZOOM.VLT
Start : 5-Sep-101 05:53:40 pm End : 5-Sep-101 06:03:11 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.250, Y = -3.250, Z = 0.000 (cm) Value = 11.571

Measured Values (volts) =
1.156E-002 9.348E-003 7.427E-003 6.288E-003 5.164E-003 4.490E-003
3.945E-003 3.637E-003 3.367E-003 3.154E-003 2.853E-003 2.531E-003
2.037E-003 1.556E-003 1.222E-003 9.606E-004 8.304E-004 8.219E-004
9.603E-004 1.138E-003 1.297E-003

Calc. Voltage @ Surface (Vs) = 0.0144

Voltage @ 1.00 cm (Vt) = 0.0063

Ave. Voltage (Vs+Vt)/2 = 0.0104

Ave. SAR over 1 g (mW/g) = 0.7554

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090607_ZOOM.VLT
Start : 6-Sep-101 10:39:47 am End : 6-Sep-101 10:48:58 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.750, Y = -1.750, Z = 0.000 (cm) Value = 9.252

Measured Values (volts) =
9.126E-003 6.798E-003 5.427E-003 4.551E-003 3.665E-003 3.052E-003
2.397E-003 1.986E-003 1.649E-003 1.491E-003 1.350E-003 1.325E-003
1.223E-003 1.153E-003 1.004E-003 8.123E-004 6.053E-004 4.018E-004
2.719E-004 2.057E-004 1.897E-004

Calc. Voltage @ Surface (Vs) = 0.0118

Voltage @ 1.00 cm (Vt) = 0.0046

Ave. Voltage (Vs+Vt)/2 = 0.0082

Ave. SAR over 1 g (mW/g) = 0.5980

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090610_ZOOM.VLT
Start : 6-Sep-101 11:16:40 am End : 6-Sep-101 11:25:51 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.000, Y = -1.750, Z = 0.000 (cm) Value = 8.966

Measured Values (volts) =
8.810E-003 6.810E-003 5.590E-003 4.608E-003 3.869E-003 3.115E-003
2.505E-003 1.991E-003 1.728E-003 1.489E-003 1.452E-003 1.373E-003
1.389E-003 1.293E-003 1.194E-003 9.697E-004 7.808E-004 5.213E-004
2.988E-004 2.315E-004 2.024E-004

Calc. Voltage @ Surface (Vs) = 0.0111

Voltage @ 1.00 cm (Vt) = 0.0046

Ave. Voltage (Vs+Vt)/2 = 0.0078

Ave. SAR over 1 g (mW/g) = 0.5718

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090604_ZOOM.VLT
Start : 6-Sep-101 10:15:08 am End : 6-Sep-101 10:24:19 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.000, Y = -1.500, Z = 0.000 (cm) Value = 14.087

Measured Values (volts) =
1.368E-002 1.054E-002 8.405E-003 7.026E-003 5.720E-003 4.761E-003
3.795E-003 2.967E-003 2.406E-003 2.089E-003 1.842E-003 1.711E-003
1.657E-003 1.570E-003 1.460E-003 1.246E-003 9.871E-004 7.240E-004
4.848E-004 3.134E-004 2.529E-004

Calc. Voltage @ Surface (Vs) = 0.0175

Voltage @ 1.00 cm (Vt) = 0.0070

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

Ave. SAR over 1 g (mW/g) = 0.8933

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090603_ZOOM.VLT
Start : 6-Sep-101 09:59:40 am End : 6-Sep-101 10:13:25 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.250, Y = -1.250, Z = 0.000 (cm) Value = 15.713

Measured Values (volts) =
1.457E-002 1.124E-002 9.369E-003 7.617E-003 6.315E-003 5.177E-003
4.194E-003 3.346E-003 2.672E-003 2.247E-003 2.032E-003 1.913E-003
1.887E-003 1.817E-003 1.773E-003 1.558E-003 1.283E-003 9.170E-004
6.388E-004 4.139E-004 2.866E-004

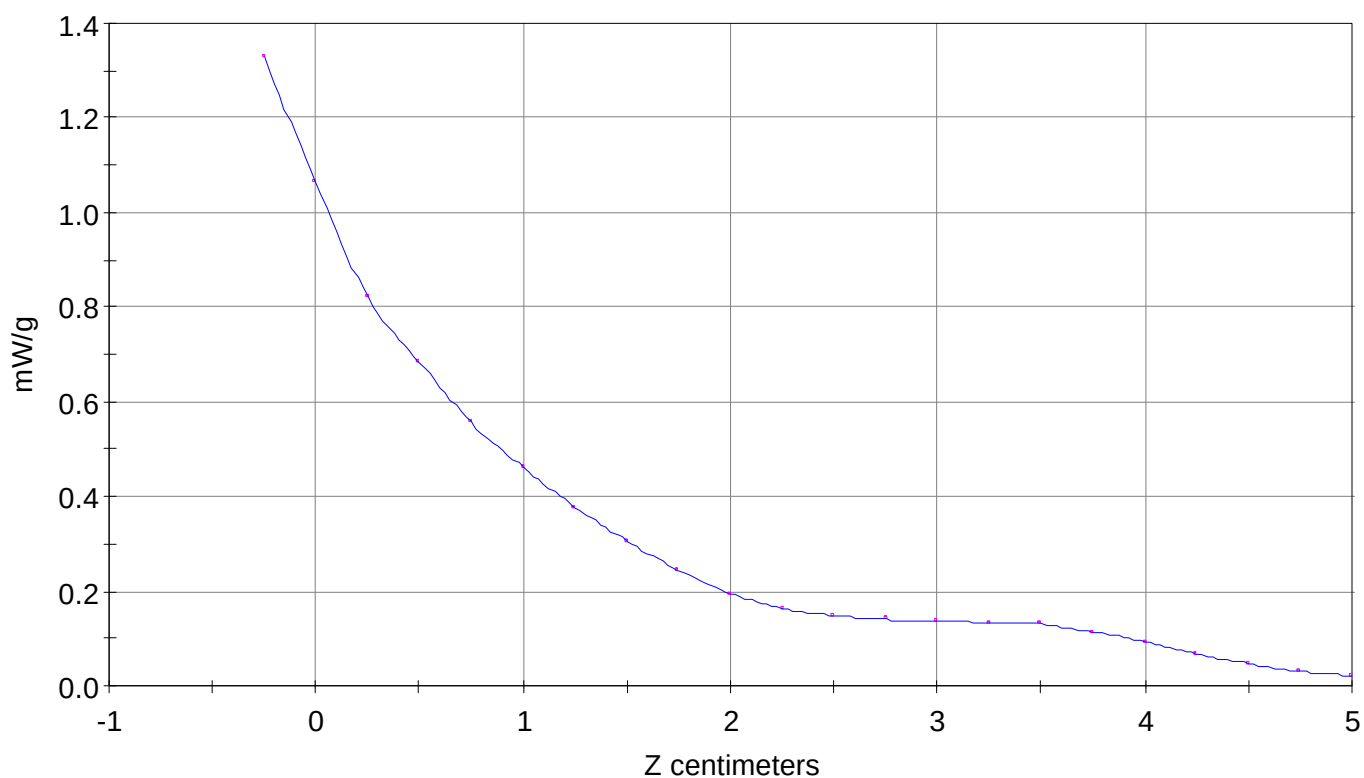
Calc. Voltage @ Surface (Vs) = 0.0182

Voltage @ 1.00 cm (Vt) = 0.0076

Ave. Voltage (Vs+Vt)/2 = 0.0129

Ave. SAR over 1 g (mW/g) = 0.9415

SAR Scan
File : 01090603_ZOOM
Start : 6-Sep-101 09:59:40 am End : 6-Sep-101 10:13:25 am
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Head/Left Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

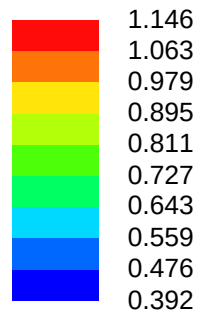
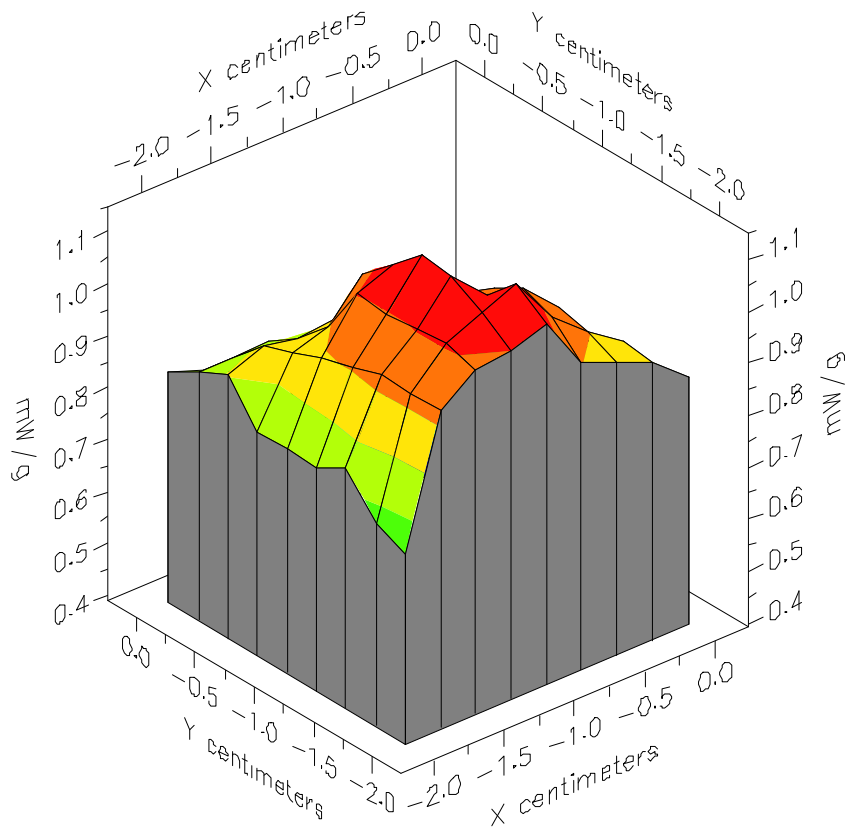


File : 01090603_ZOOM

Start : 6-Sep-101 09:59:40 am End : 6-Sep-101 10:13:25 am

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

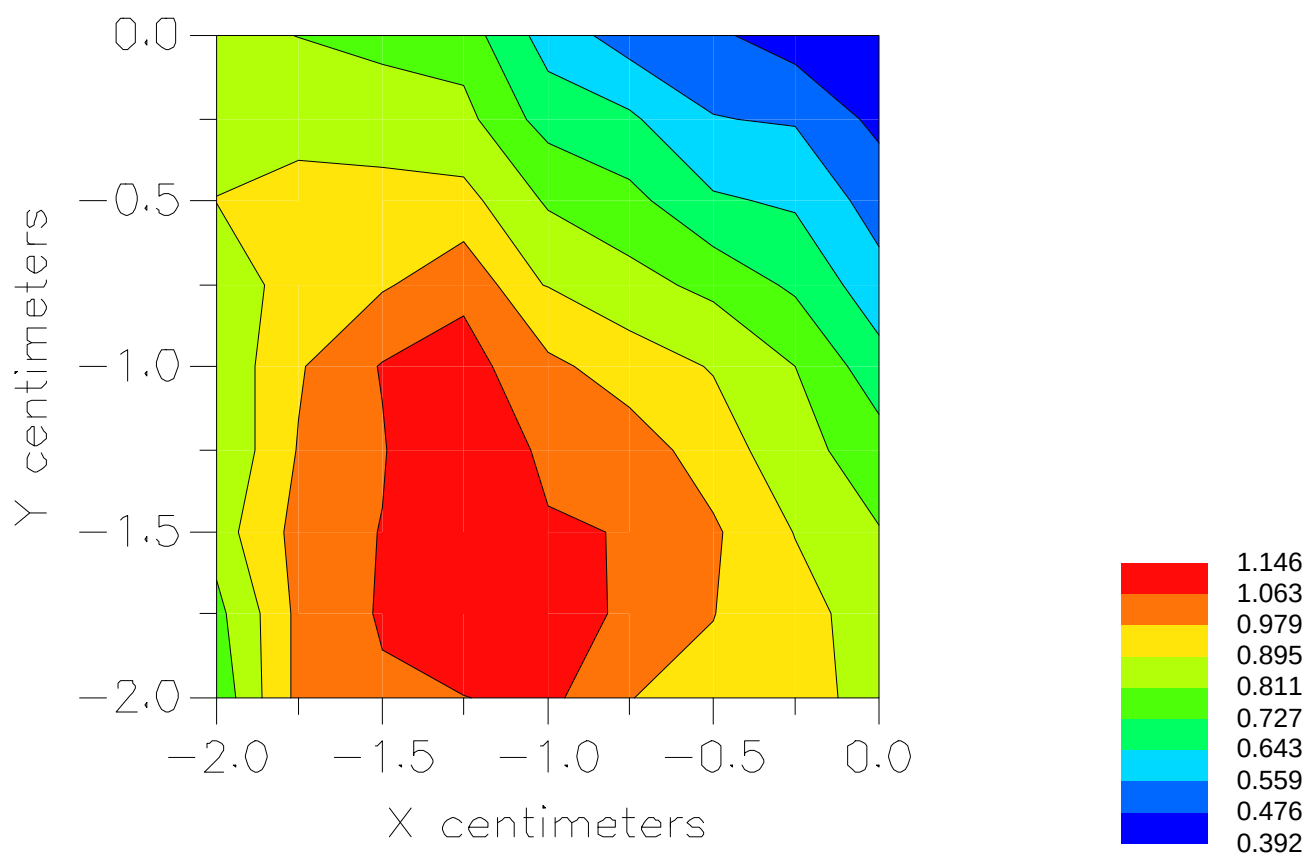


File : 01090603_ZOOM

Start : 6-Sep-101 09:59:40 am End : 6-Sep-101 10:13:25 am

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090609_ZOOM.VLT
Start : 6-Sep-101 11:05:49 am End : 6-Sep-101 11:15:01 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.000, Y = -1.500, Z = 0.000 (cm) Value = 10.246

Measured Values (volts) =
1.008E-002 7.750E-003 6.310E-003 5.151E-003 4.296E-003 3.490E-003
2.856E-003 2.220E-003 1.815E-003 1.490E-003 1.345E-003 1.228E-003
1.197E-003 1.128E-003 1.061E-003 9.405E-004 7.583E-004 5.420E-004
3.369E-004 2.121E-004 2.001E-004

Calc. Voltage @ Surface (Vs) = 0.0127

Voltage @ 1.00 cm (Vt) = 0.0052

Ave. Voltage (Vs+Vt)/2 = 0.0089

Ave. SAR over 1 g (mW/g) = 0.6526

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090608_ZOOM.VLT
Start : 6-Sep-101 10:53:12 am End : 6-Sep-101 11:02:25 am

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.250, Y = -1.250, Z = 0.000 (cm) Value = 11.202

Measured Values (volts) =
1.073E-002 8.787E-003 7.052E-003 5.803E-003 4.842E-003 4.055E-003
3.218E-003 2.574E-003 2.049E-003 1.690E-003 1.468E-003 1.349E-003
1.351E-003 1.321E-003 1.282E-003 1.164E-003 9.619E-004 7.247E-004
5.121E-004 3.090E-004 2.230E-004

Calc. Voltage @ Surface (Vs) = 0.0132

Voltage @ 1.00 cm (Vt) = 0.0058

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

Ave. SAR over 1 g (mW/g) = 0.6943

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090519_ZOOM.VLT
Start : 5-Sep-101 02:41:18 pm End : 5-Sep-101 02:50:12 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 8.453

Measured Values (volts) =
8.145E-003 6.796E-003 5.582E-003 4.719E-003 3.974E-003 3.375E-003
2.865E-003 2.399E-003 2.071E-003 1.821E-003 1.661E-003 1.492E-003
1.367E-003 1.187E-003 1.045E-003 8.590E-004 6.592E-004 5.423E-004
3.739E-004 3.816E-004 3.923E-004

Calc. Voltage @ Surface (Vs) = 0.0098

Voltage @ 1.00 cm (Vt) = 0.0047

Ave. Voltage (Vs+Vt)/2 = 0.0073

Ave. SAR over 1 g (mW/g) = 0.5311

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090518_ZOOM.VLT
Start : 5-Sep-101 02:31:11 pm End : 5-Sep-101 02:40:06 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 8.364

Measured Values (volts) =
8.103E-003 6.755E-003 5.456E-003 4.665E-003 3.921E-003 3.325E-003
2.830E-003 2.425E-003 2.083E-003 1.837E-003 1.689E-003 1.509E-003
1.398E-003 1.187E-003 1.043E-003 8.791E-004 6.370E-004 5.065E-004
3.963E-004 3.678E-004 3.746E-004

Calc. Voltage @ Surface (Vs) = 0.0099

Voltage @ 1.00 cm (Vt) = 0.0047

Ave. Voltage (Vs+Vt)/2 = 0.0073

Ave. SAR over 1 g (mW/g) = 0.5305

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090517_ZOOM.VLT
Start : 5-Sep-101 02:18:43 pm End : 5-Sep-101 02:27:36 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 12.562

Measured Values (volts) =
1.247E-002 1.100E-002 8.775E-003 7.451E-003 6.226E-003 5.279E-003
4.472E-003 3.805E-003 3.259E-003 2.834E-003 2.567E-003 2.314E-003
2.063E-003 1.871E-003 1.603E-003 1.300E-003 1.039E-003 7.793E-004
5.911E-004 5.655E-004 5.724E-004

Calc. Voltage @ Surface (Vs) = 0.0149

Voltage @ 1.00 cm (Vt) = 0.0075

Ave. Voltage (Vs+Vt)/2 = 0.0112

Ave. SAR over 1 g (mW/g) = 0.8145

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090516_ZOOM.VLT
Start : 5-Sep-101 02:03:08 pm End : 5-Sep-101 02:16:59 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -2.000, Y = -0.500, Z = 0.000 (cm) Value = 16.256

Measured Values (volts) =
1.541E-002 1.305E-002 1.071E-002 9.102E-003 7.660E-003 6.461E-003
5.534E-003 4.642E-003 4.043E-003 3.577E-003 3.230E-003 2.913E-003
2.681E-003 2.393E-003 2.055E-003 1.715E-003 1.307E-003 1.071E-003
8.046E-004 7.431E-004 7.351E-004

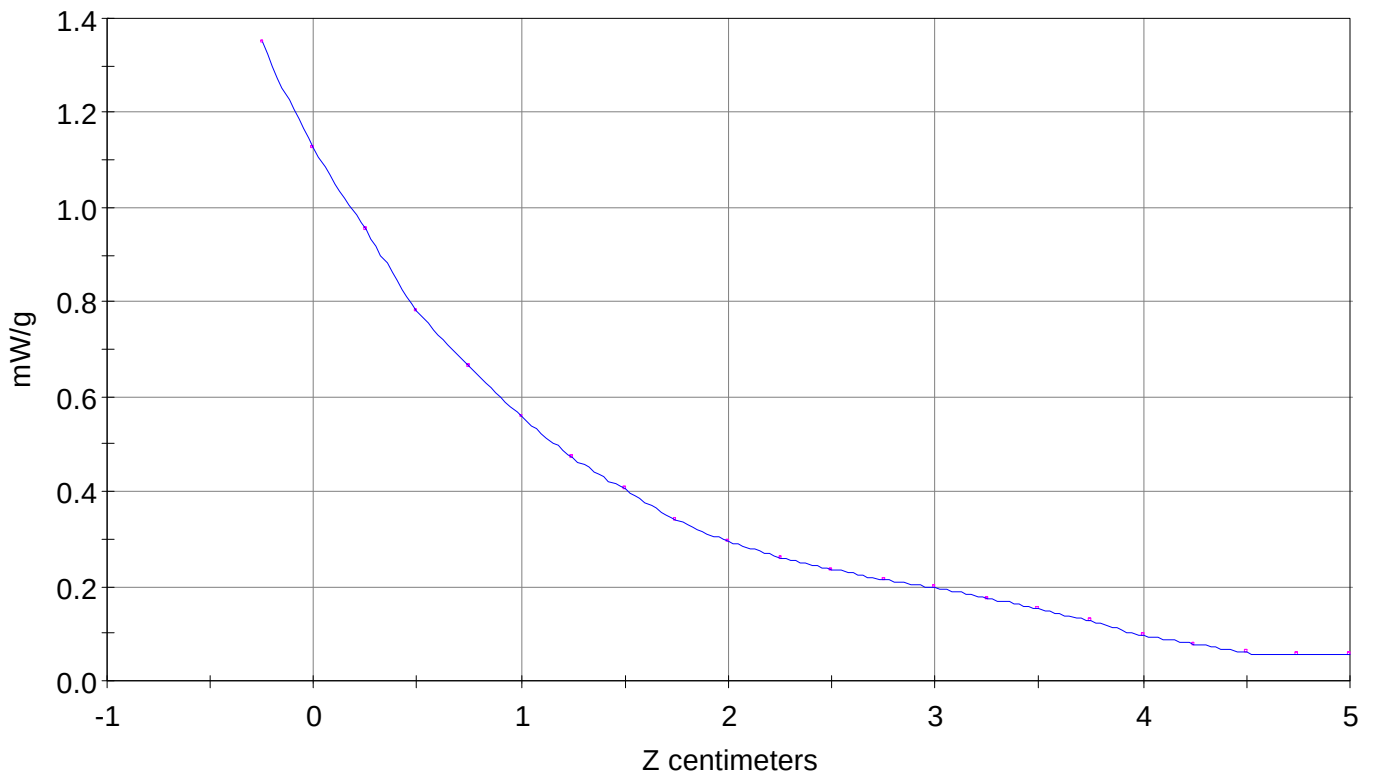
Calc. Voltage @ Surface (Vs) = 0.0185

Voltage @ 1.00 cm (Vt) = 0.0091

Ave. Voltage (Vs+Vt)/2 = 0.0138

Ave. SAR over 1 g (mW/g) = 1.0061

SAR Scan
File : 01090516_ZOOM
Start : 5-Sep-101 02:03:08 pm End : 5-Sep-101 02:16:59 pm
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

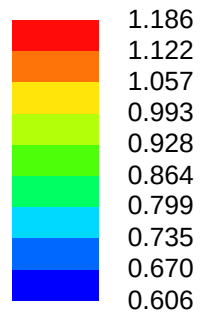
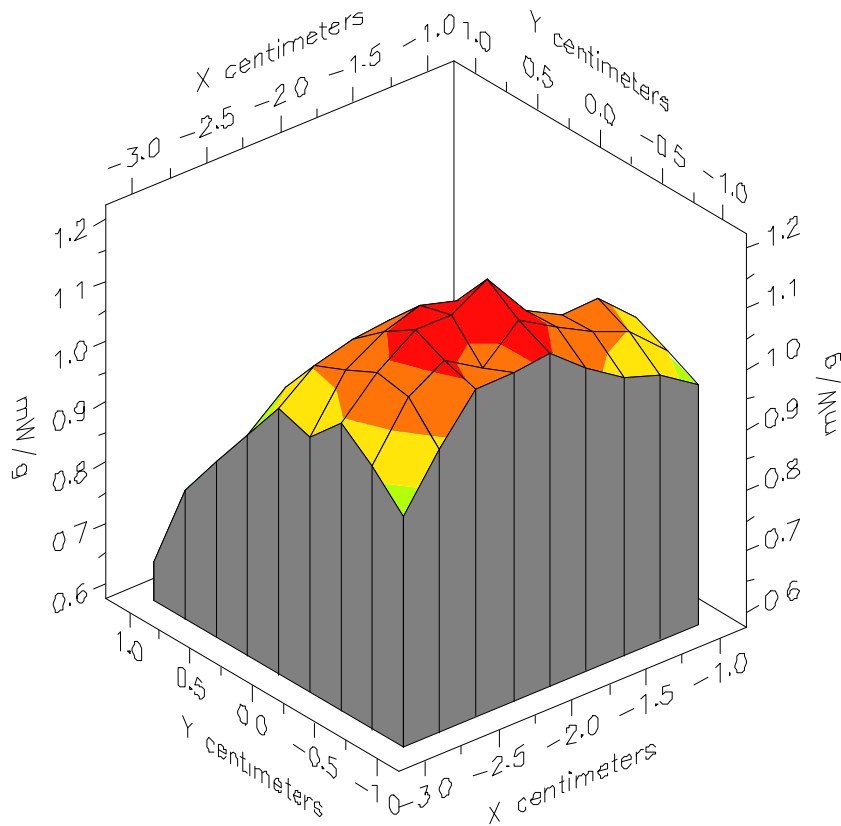


File : 01090516_ZOOM

Start : 5-Sep-101 02:03:08 pm End : 5-Sep-101 02:16:59 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

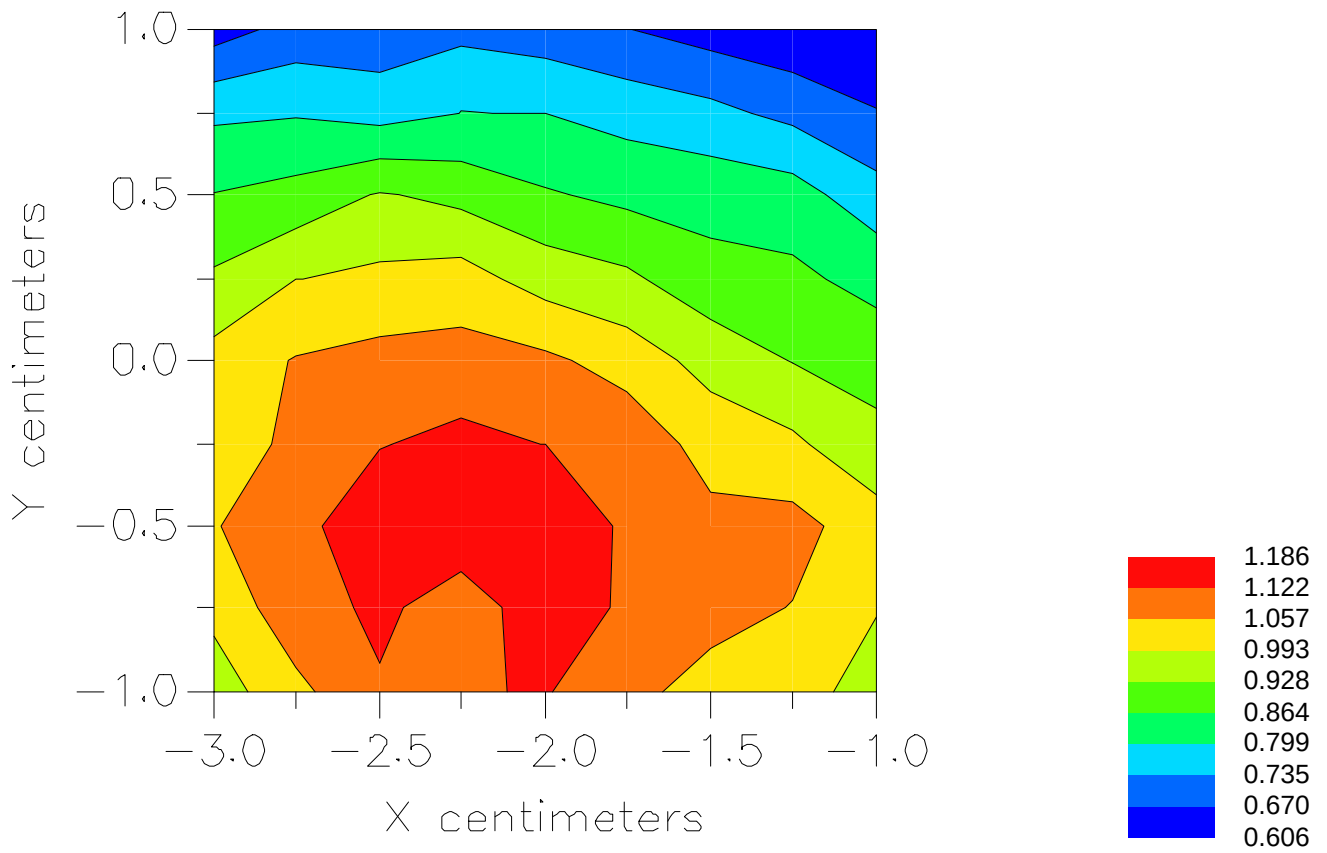


File : 01090516_ZOOM

Start : 5-Sep-101 02:03:08 pm End : 5-Sep-101 02:16:59 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090521_ZOOM.VLT
Start : 5-Sep-101 03:10:04 pm End : 5-Sep-101 03:18:58 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.750, Y = -0.750, Z = 0.000 (cm) Value = 11.138

Measured Values (volts) =
9.809E-003 8.576E-003 7.124E-003 6.030E-003 5.143E-003 4.371E-003
3.701E-003 3.110E-003 2.697E-003 2.373E-003 2.145E-003 1.932E-003
1.722E-003 1.553E-003 1.324E-003 1.110E-003 8.740E-004 7.183E-004
5.726E-004 5.219E-004 4.688E-004

Calc. Voltage @ Surface (Vs) = 0.0115

Voltage @ 1.00 cm (Vt) = 0.0060

Ave. Voltage (Vs+Vt)/2 = 0.0088

Ave. SAR over 1 g (mW/g) = 0.6400

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090520_ZOOM.VLT
Start : 5-Sep-101 02:59:46 pm End : 5-Sep-101 03:08:39 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.750, Y = -0.750, Z = 0.000 (cm) Value = 11.438

Measured Values (volts) =
1.027E-002 9.159E-003 7.645E-003 6.517E-003 5.555E-003 4.757E-003
4.015E-003 3.402E-003 2.958E-003 2.583E-003 2.347E-003 2.111E-003
1.968E-003 1.728E-003 1.496E-003 1.235E-003 9.749E-004 7.494E-004
6.260E-004 5.455E-004 4.873E-004

Calc. Voltage @ Surface (Vs) = 0.0119

Voltage @ 1.00 cm (Vt) = 0.0065

Ave. Voltage (Vs+Vt)/2 = 0.0092

Ave. SAR over 1 g (mW/g) = 0.6722

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090525_ZOOM.VLT
Start : 5-Sep-101 04:07:50 pm End : 5-Sep-101 04:17:20 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -0.750, Z = 0.000 (cm) Value = 9.571

Measured Values (volts) =
9.791E-003 6.402E-003 5.179E-003 4.555E-003 4.070E-003 3.622E-003
3.315E-003 2.975E-003 2.663E-003 2.399E-003 2.139E-003 1.984E-003
1.854E-003 1.757E-003 1.774E-003 1.817E-003 1.763E-003 1.760E-003
1.678E-003 1.666E-003 1.554E-003

Calc. Voltage @ Surface (Vs) = 0.0135

Voltage @ 1.00 cm (Vt) = 0.0046

Ave. Voltage (Vs+Vt)/2 = 0.0090

Ave. SAR over 1 g (mW/g) = 0.6601

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090524_ZOOM.VLT
Start : 5-Sep-101 03:51:01 pm End : 5-Sep-101 04:06:36 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.70 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 1013 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.750, Y = -0.750, Z = 0.000 (cm) Value = 9.768

Measured Values (volts) =
9.801E-003 6.268E-003 5.187E-003 4.560E-003 4.091E-003 3.687E-003
3.380E-003 3.014E-003 2.722E-003 2.432E-003 2.153E-003 1.906E-003
1.763E-003 1.737E-003 1.763E-003 1.723E-003 1.727E-003 1.759E-003
1.720E-003 1.700E-003 1.585E-003

Calc. Voltage @ Surface (Vs) = 0.0136

Voltage @ 1.00 cm (Vt) = 0.0046

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

Ave. SAR over 1 g (mW/g) = 0.6619

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090523_ZOOM.VLT
Start : 5-Sep-101 03:38:31 pm End : 5-Sep-101 03:47:51 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.000, Y = -0.750, Z = 0.000 (cm) Value = 13.375

Measured Values (volts) =
1.351E-002 9.313E-003 7.565E-003 6.505E-003 5.601E-003 4.956E-003
4.293E-003 3.650E-003 3.095E-003 2.491E-003 2.010E-003 1.656E-003
1.388E-003 1.239E-003 1.201E-003 1.139E-003 1.132E-003 1.102E-003
9.594E-004 7.863E-004 6.109E-004

Calc. Voltage @ Surface (Vs) = 0.0181

Voltage @ 1.00 cm (Vt) = 0.0065

Ave. Voltage (Vs+Vt)/2 = 0.0123

Ave. SAR over 1 g (mW/g) = 0.8985

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090522_ZOOM.VLT
Start : 5-Sep-101 03:21:14 pm End : 5-Sep-101 03:36:18 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.000, Y = -0.750, Z = 0.000 (cm) Value = 15.529

Measured Values (volts) =
1.538E-002 1.055E-002 8.824E-003 7.599E-003 6.746E-003 5.995E-003
5.257E-003 4.495E-003 3.760E-003 3.066E-003 2.517E-003 2.067E-003
1.738E-003 1.597E-003 1.567E-003 1.545E-003 1.524E-003 1.468E-003
1.312E-003 1.049E-003 8.325E-004

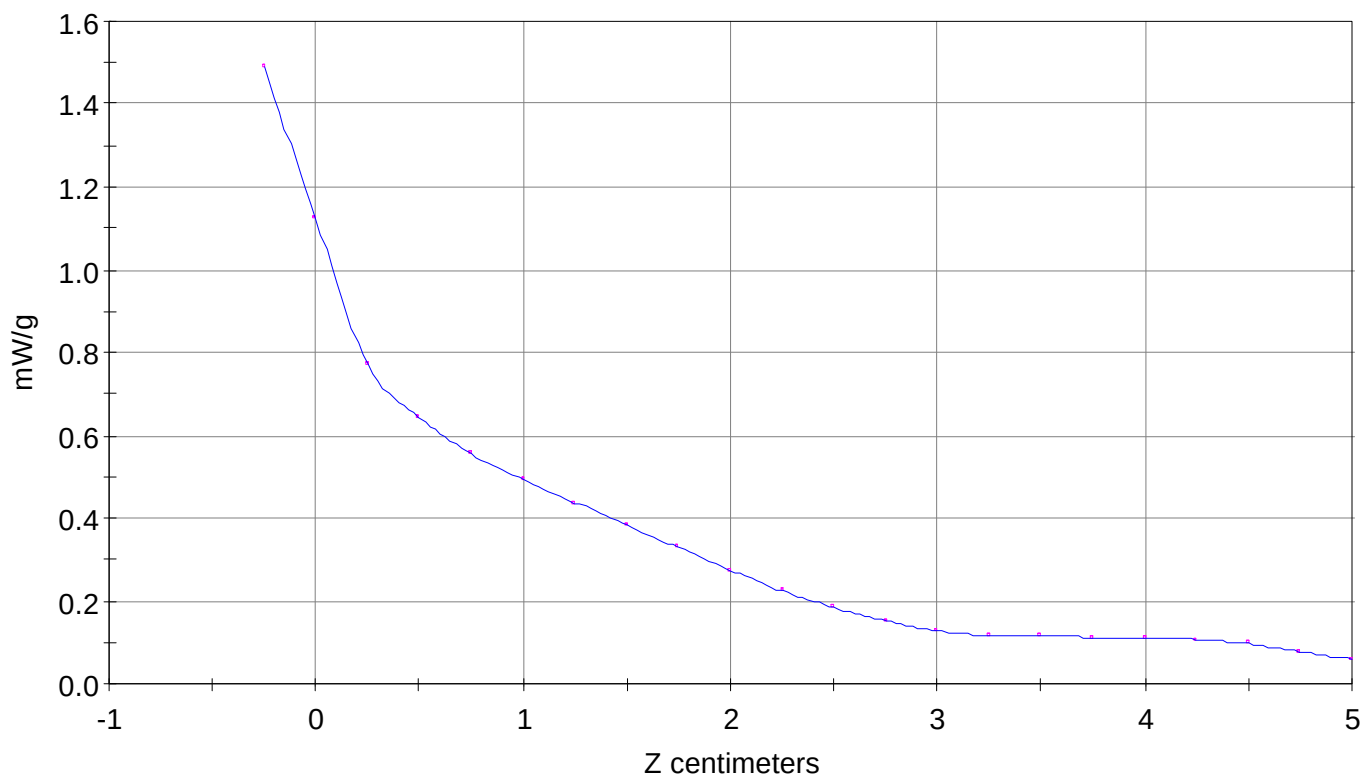
Calc. Voltage @ Surface (Vs) = 0.0204

Voltage @ 1.00 cm (Vt) = 0.0076

Ave. Voltage (Vs+Vt)/2 = 0.0140

Ave. SAR over 1 g (mW/g) = 1.0213

SAR Scan
File : 01090522_ZOOM
Start : 5-Sep-101 03:21:14 pm End : 5-Sep-101 03:36:18 pm
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Head/Right Ear;ZOOM/SAR;PCTEST/E Field/0 DegreesBrain/41.500/0.900

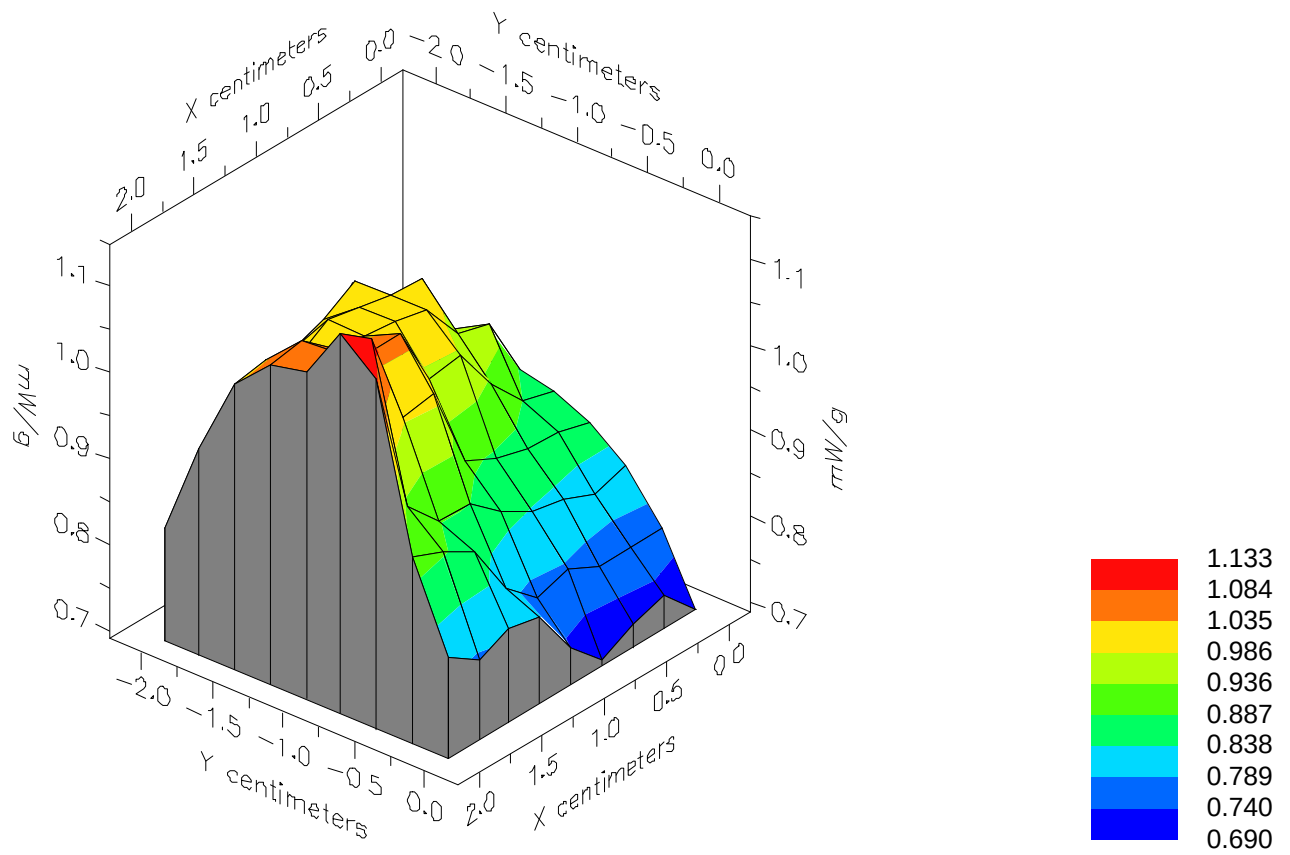


File : 01090522_ZOOM

Start : 5-Sep-101 03:21:14 pm End : 5-Sep-101 03:36:18 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

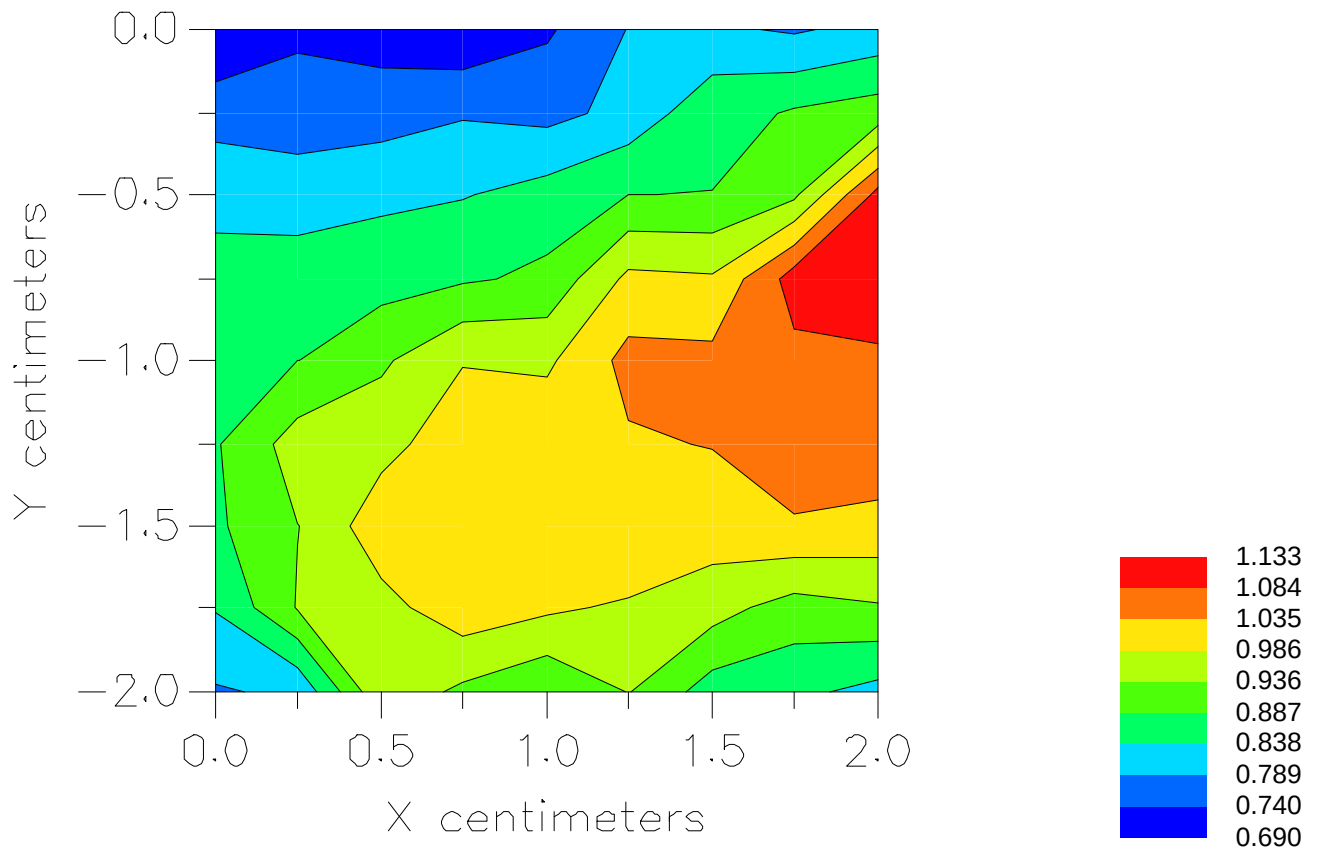


File : 01090522_ZOOM

Start : 5-Sep-101 03:21:14 pm End : 5-Sep-101 03:36:18 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090528_ZOOM.VLT
Start : 5-Sep-101 04:44:04 pm End : 5-Sep-101 04:53:32 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr: 0.355 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -0.750, Z = 0.000 (cm) Value = 9.015

Measured Values (volts) =
8.805E-003 5.080E-003 3.917E-003 3.204E-003 2.672E-003 2.241E-003
1.926E-003 1.619E-003 1.365E-003 1.105E-003 8.502E-004 6.484E-004
4.949E-004 4.461E-004 3.687E-004 4.185E-004 3.915E-004 4.005E-004
3.615E-004 3.187E-004 2.366E-004

Calc. Voltage @ Surface (Vs) = 0.0133

Voltage @ 1.00 cm (Vt) = 0.0032

Ave. Voltage (Vs+Vt)/2 = 0.0083

Ave. SAR over 1 g (mW/g) = 0.6036

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090526_ZOOM.VLT
Start : 5-Sep-101 04:19:26 pm End : 5-Sep-101 04:28:56 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.31 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Head
Phantom Posn. : Right Ear
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

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

Comment :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0777 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - TILT

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.788

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -0.750, Z = 0.000 (cm) Value = 10.859

Measured Values (volts) =
1.097E-002 6.495E-003 5.164E-003 4.382E-003 3.744E-003 3.225E-003
2.829E-003 2.372E-003 2.013E-003 1.692E-003 1.305E-003 1.027E-003
8.353E-004 7.345E-004 6.844E-004 7.377E-004 7.339E-004 7.285E-004
6.551E-004 5.859E-004 4.085E-004

Calc. Voltage @ Surface (Vs) = 0.0162

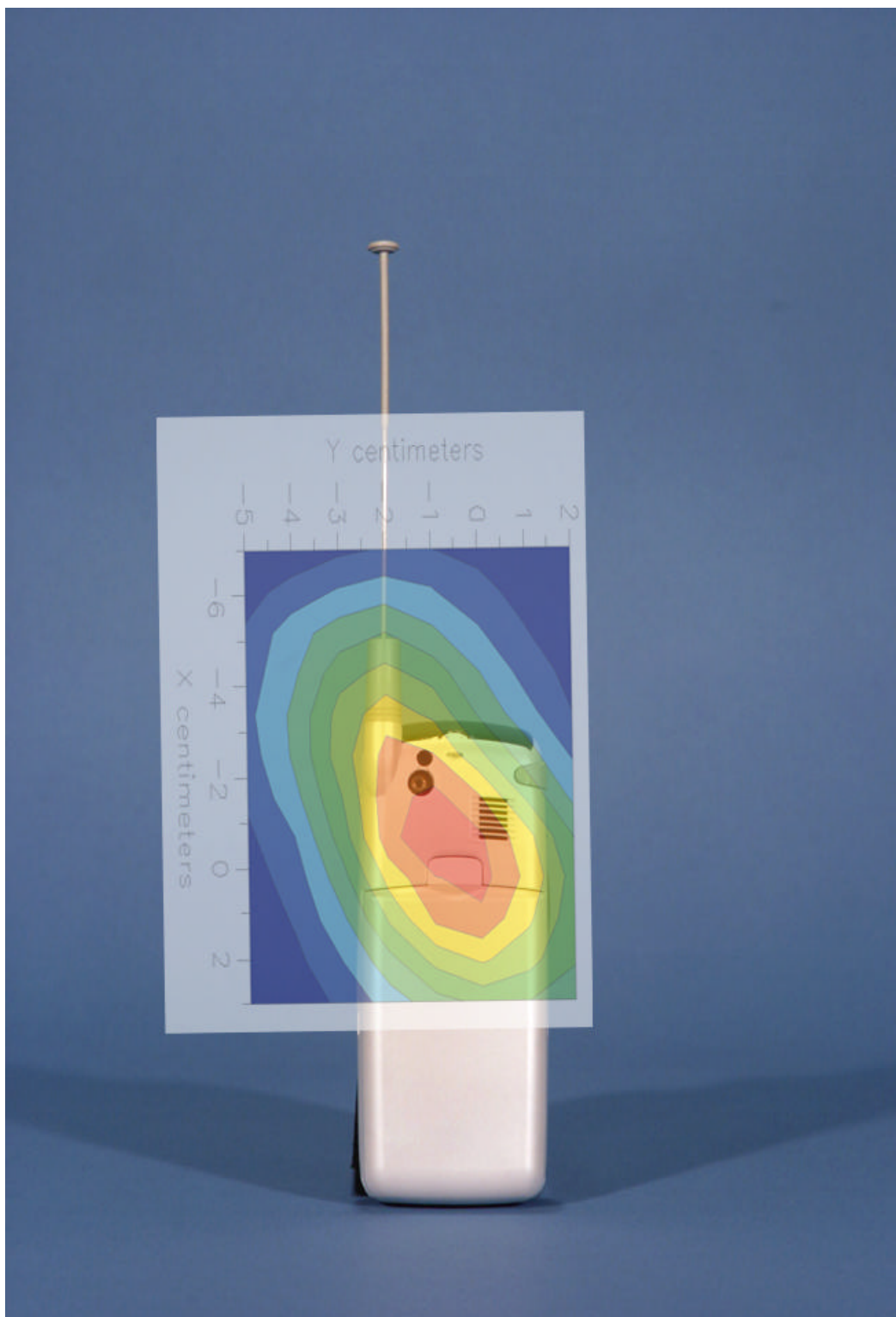
Voltage @ 1.00 cm (Vt) = 0.0044

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

Ave. SAR over 1 g (mW/g) = 0.7496

Peak SAR Location

Body SAR



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090613_ZOOM.VLT
Start : 6-Sep-101 02:40:46 pm End : 6-Sep-101 02:49:41 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 0.000, Y = -1.000, Z = 0.000 (cm) Value = 5.434

Measured Values (volts) =
5.043E-003 4.410E-003 3.546E-003 2.894E-003 2.484E-003 2.198E-003
1.964E-003 1.824E-003 1.689E-003 1.528E-003 1.360E-003 1.166E-003
9.006E-004 6.634E-004 4.346E-004 3.236E-004 2.318E-004 2.670E-004
3.667E-004 4.174E-004 5.034E-004

Calc. Voltage @ Surface (Vs) = 0.0060

Voltage @ 1.00 cm (Vt) = 0.0029

Ave. Voltage (Vs+Vt)/2 = 0.0045

Ave. SAR over 1 g (mW/g) = 0.3689

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090616_ZOOM.VLT
Start : 6-Sep-101 03:27:40 pm End : 6-Sep-101 03:35:56 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0991 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -1.000, Y = -1.500, Z = 0.000 (cm) Value = 5.882

Measured Values (volts) =
5.822E-003 4.516E-003 3.616E-003 3.134E-003 2.751E-003 2.477E-003
2.306E-003 2.182E-003 1.987E-003 1.735E-003 1.401E-003 1.116E-003
7.445E-004 5.222E-004 3.353E-004 3.275E-004 3.745E-004 5.434E-004
6.368E-004 7.274E-004 6.706E-004

Calc. Voltage @ Surface (Vs) = 0.0074

Voltage @ 1.00 cm (Vt) = 0.0031

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

Ave. SAR over 1 g (mW/g) = 0.4355

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090612_ZOOM.VLT
Start : 6-Sep-101 02:23:19 pm End : 6-Sep-101 02:38:04 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 0.000, Y = -1.000, Z = 0.000 (cm) Value = 9.900

Measured Values (volts) =
9.837E-003 7.897E-003 6.490E-003 5.342E-003 4.560E-003 3.973E-003
3.623E-003 3.319E-003 3.031E-003 2.793E-003 2.476E-003 2.038E-003
1.578E-003 1.127E-003 7.791E-004 5.306E-004 4.522E-004 5.090E-004
6.242E-004 8.099E-004 9.011E-004

Calc. Voltage @ Surface (Vs) = 0.0121

Voltage @ 1.00 cm (Vt) = 0.0053

Ave. Voltage (Vs+Vt)/2 = 0.0087

Ave. SAR over 1 g (mW/g) = 0.7224

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090617_ZOOM.VLT
Start : 6-Sep-101 03:37:24 pm End : 6-Sep-101 03:45:40 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0363 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -1.000, Z = 0.000 (cm) Value = 11.289

Measured Values (volts) =
1.073E-002 8.683E-003 6.863E-003 5.784E-003 5.039E-003 4.490E-003
4.201E-003 3.952E-003 3.715E-003 3.363E-003 2.894E-003 2.333E-003
1.757E-003 1.186E-003 7.665E-004 5.833E-004 6.086E-004 7.789E-004
1.014E-003 1.230E-003 1.288E-003

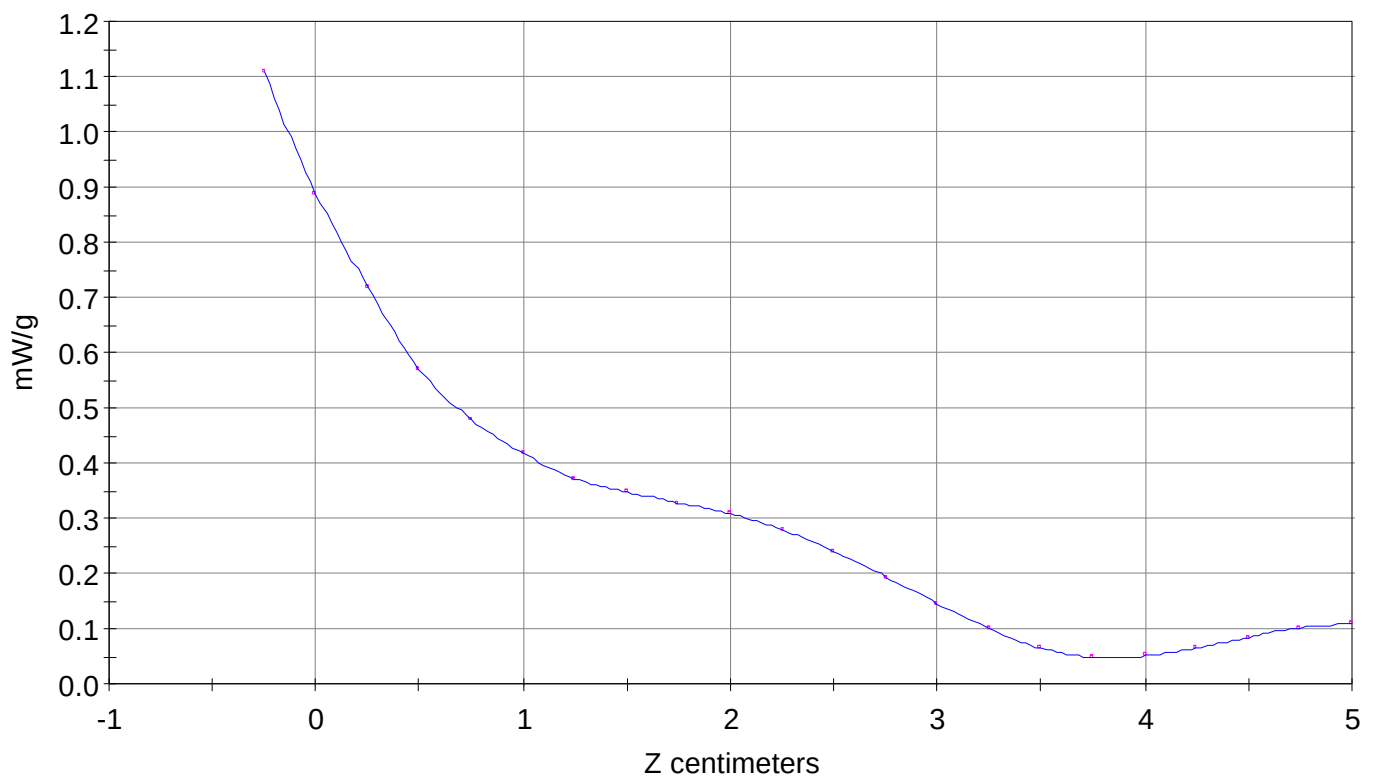
Calc. Voltage @ Surface (Vs) = 0.0134

Voltage @ 1.00 cm (Vt) = 0.0058

Ave. Voltage (Vs+Vt)/2 = 0.0096

Ave. SAR over 1 g (mW/g) = 0.7945

SAR Scan
File : 01090617_ZOOM
Start : 6-Sep-101 03:37:24 pm End : 6-Sep-101 03:45:40 pm
SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/56.100/0.950

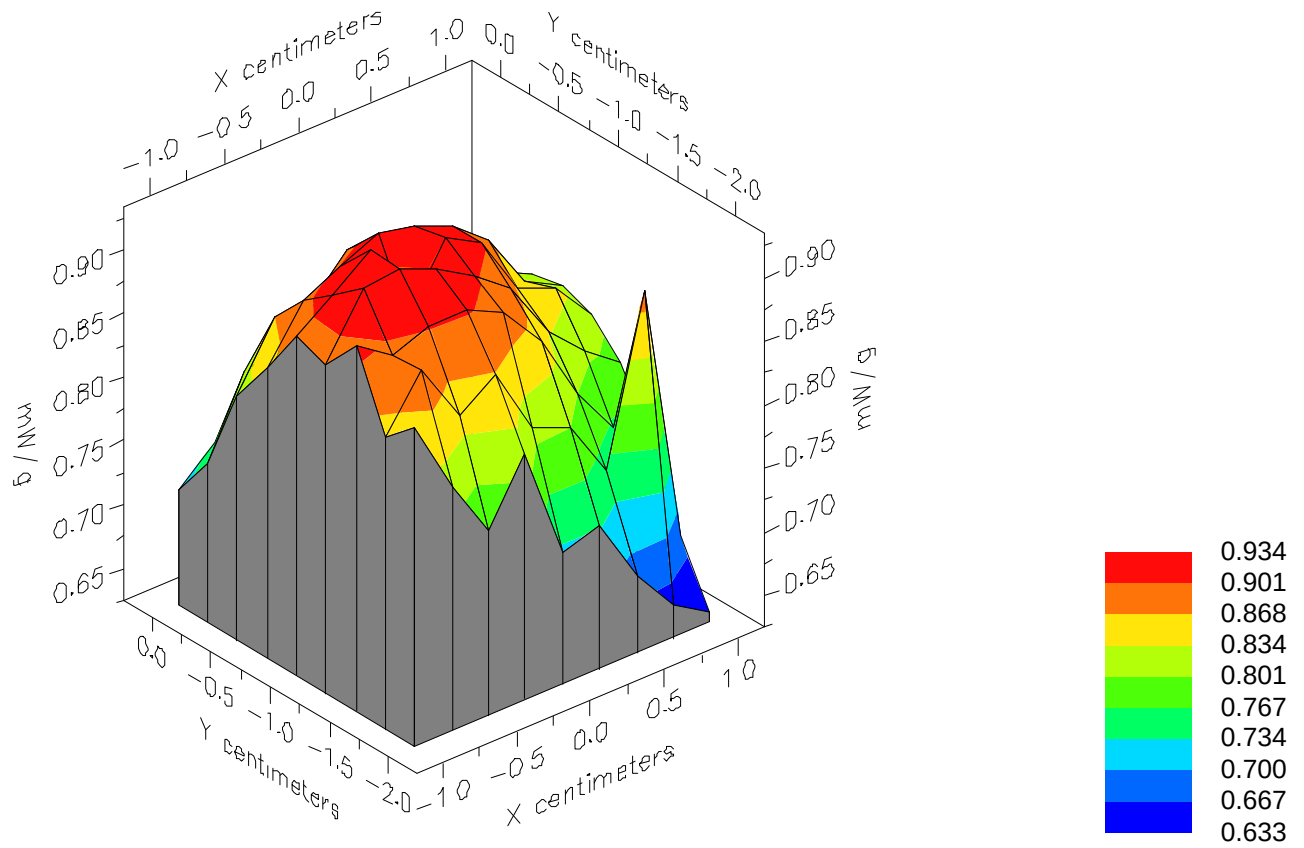


File : 01090617_ZOOM

Start : 6-Sep-101 03:37:24 pm End : 6-Sep-101 03:45:40 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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

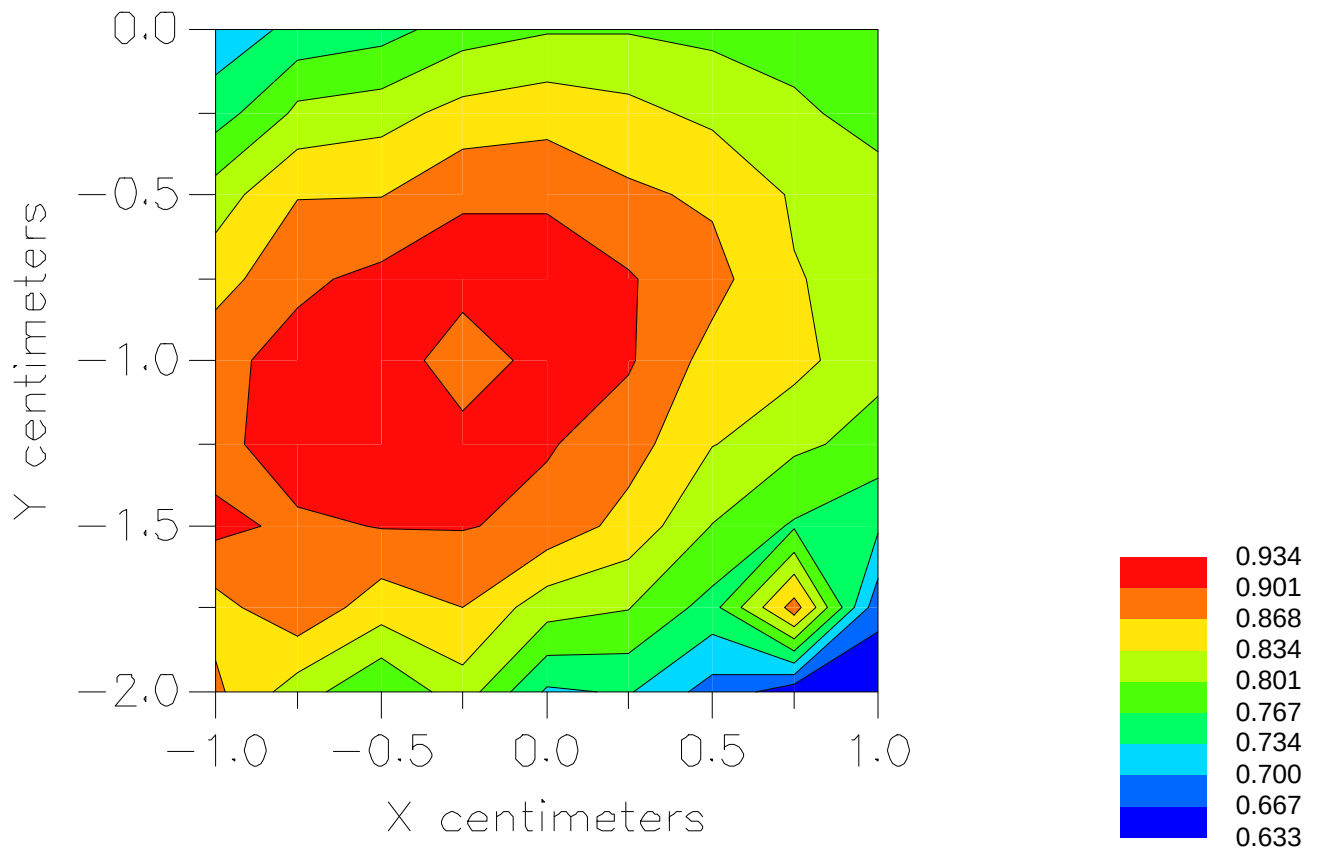


File : 01090617_ZOOM

Start : 6-Sep-101 03:37:24 pm End : 6-Sep-101 03:45:40 pm

SAMSUNG/SCH-N315/2;835.89MHz;W;Helical/Out;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090614_ZOOM.VLT
Start : 6-Sep-101 02:55:00 pm End : 6-Sep-101 03:08:51 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.250, Y = -1.250, Z = 0.000 (cm) Value = 8.044

Measured Values (volts) =
7.802E-003 6.058E-003 4.903E-003 4.050E-003 3.401E-003 3.015E-003
2.705E-003 2.489E-003 2.259E-003 2.029E-003 1.720E-003 1.357E-003
1.053E-003 7.431E-004 4.676E-004 3.382E-004 3.302E-004 4.125E-004
5.441E-004 6.501E-004 6.502E-004

Calc. Voltage @ Surface (Vs) = 0.0098

Voltage @ 1.00 cm (Vt) = 0.0040

Ave. Voltage (Vs+Vt)/2 = 0.0069

Ave. SAR over 1 g (mW/g) = 0.5751

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090619_ZOOM.VLT
Start : 6-Sep-101 04:05:04 pm End : 6-Sep-101 04:13:20 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr : 0.400 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 :
SAMSUNG DUAL-MODE PHONE - AMPS MODE
CH 0799 Conducted 26.0 dBm
SAMSUNG DUAL-MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -1.000, Z = 0.000 (cm) Value = 8.822

Measured Values (volts) =
8.564E-003 6.865E-003 5.551E-003 4.528E-003 3.806E-003 3.425E-003
3.109E-003 2.933E-003 2.712E-003 2.497E-003 2.119E-003 1.770E-003
1.361E-003 9.618E-004 6.034E-004 4.283E-004 4.355E-004 5.328E-004
7.237E-004 8.685E-004 9.060E-004

Calc. Voltage @ Surface (Vs) = 0.0106

Voltage @ 1.00 cm (Vt) = 0.0045

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

Ave. SAR over 1 g (mW/g) = 0.6277

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090621_ZOOM.VLT
Start : 6-Sep-101 04:31:36 pm End : 6-Sep-101 04:39:51 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 0.250, Y = -1.000, Z = 0.000 (cm) Value = 9.674

Measured Values (volts) =
9.558E-003 7.817E-003 6.311E-003 5.179E-003 4.494E-003 3.884E-003
3.497E-003 3.242E-003 3.050E-003 2.804E-003 2.487E-003 2.045E-003
1.617E-003 1.159E-003 7.910E-004 5.804E-004 4.659E-004 4.879E-004
6.310E-004 8.232E-004 9.359E-004

Calc. Voltage @ Surface (Vs) = 0.0118

Voltage @ 1.00 cm (Vt) = 0.0052

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

Ave. SAR over 1 g (mW/g) = 0.7012

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/01090625_ZOOM.VLT
Start : 6-Sep-101 05:13:05 pm End : 6-Sep-101 05:21:21 pm

Radio Type : SAMSUNG
Model Number : SCH-N315
Serial Number : 2
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.355 W
Start Trans. Pwr : 0.355 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 :
SAMSUNG DUAL-MODE PHONE - CDMA MODE
CH 0363 Conducted 25.5 dBm
SAMSUNG DUAL-MODE PHONE - BODY SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = -0.500, Y = -1.000, Z = 0.000 (cm) Value = 10.737

Measured Values (volts) =
9.941E-003 8.002E-003 6.369E-003 5.418E-003 4.673E-003 4.249E-003
3.908E-003 3.743E-003 3.476E-003 3.191E-003 2.714E-003 2.220E-003
1.618E-003 1.148E-003 7.137E-004 5.340E-004 5.635E-004 7.213E-004
9.487E-004 1.147E-003 1.178E-003

Calc. Voltage @ Surface (Vs) = 0.0124

Voltage @ 1.00 cm (Vt) = 0.0054

Ave. Voltage (Vs+Vt)/2 = 0.0089

Ave. SAR over 1 g (mW/g) = 0.7383