

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99120304_ZOOM.VLT
Start : 3-Dec-99 11:42:59 am End : 3-Dec-99 11:53:40 am

Radio Type : SAMSUNG
Model Number : SCH611
Serial Number : 004
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 = 51.700
Mixture Conductivity = 1.100

Comment :
SAMSUNG CDMA PHONE - BODY SAR
CHAN. 363 (835.89MHz)
+22.0 dB CONDUCTED

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 3.000, Y = -3.750, Z = 0.000 (cm) Value = 7.195

Measured Values (volts) =
7.097E-003 5.795E-003 4.716E-003 3.889E-003 3.415E-003 3.080E-003
2.917E-003 2.756E-003 2.616E-003 2.313E-003 1.977E-003 1.637E-003
1.199E-003 8.755E-004 6.177E-004 5.133E-004 5.756E-004 7.469E-004
9.304E-004 1.065E-003 1.104E-003

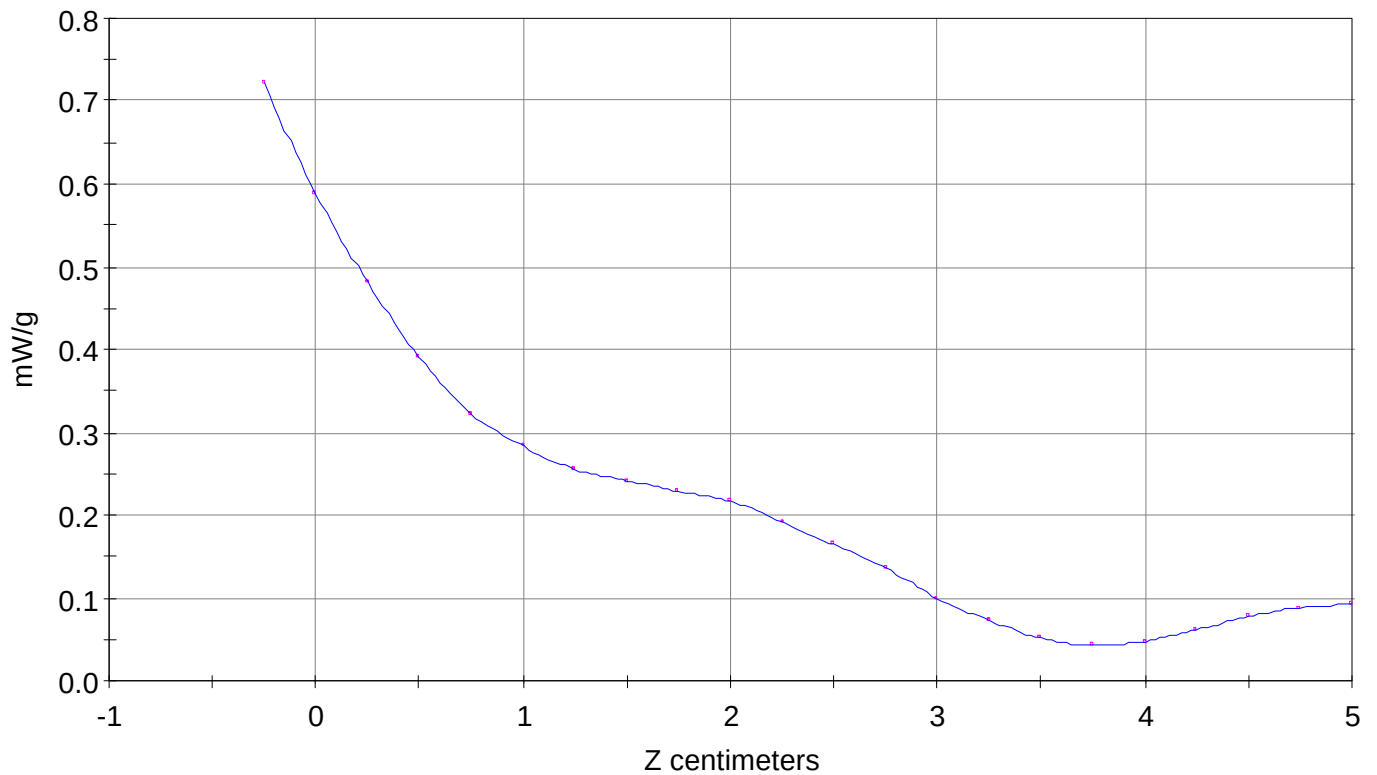
Calc. Voltage @ Surface (Vs) = 0.0087

Voltage @ 1.00 cm (Vt) = 0.0039

Ave. Voltage (Vs+Vt)/2 = 0.0063

Ave. SAR over 1 g (mW/g) = 0.5215

SAR Scan
File : 99120304_ZOOM
Start : 3-Dec-99 11:42:59 am End : 3-Dec-99 11:53:40 am
SAMSUNG/SCH611/004;835.89MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

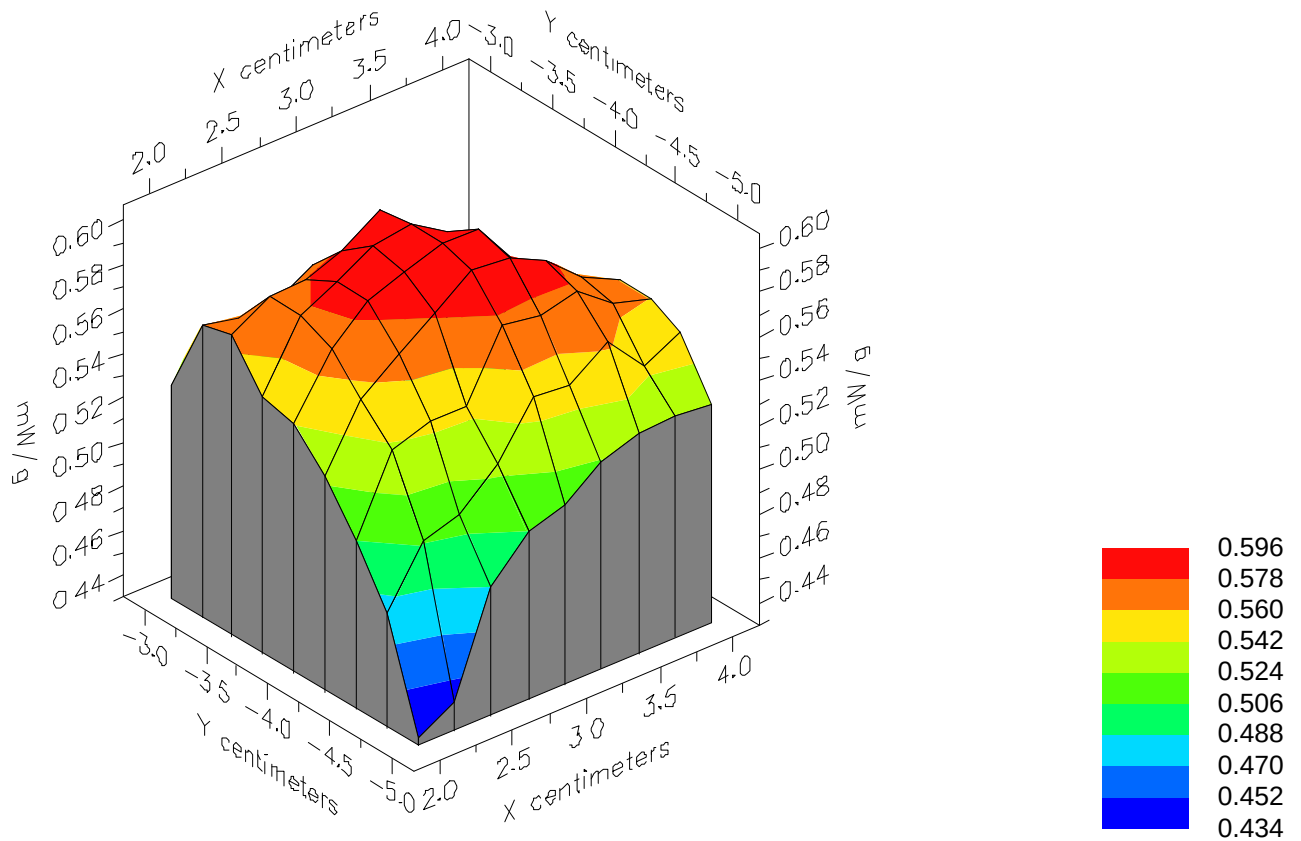


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SAMSUNG/SCH611/004;835.89MHz;W;Helical/In;

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

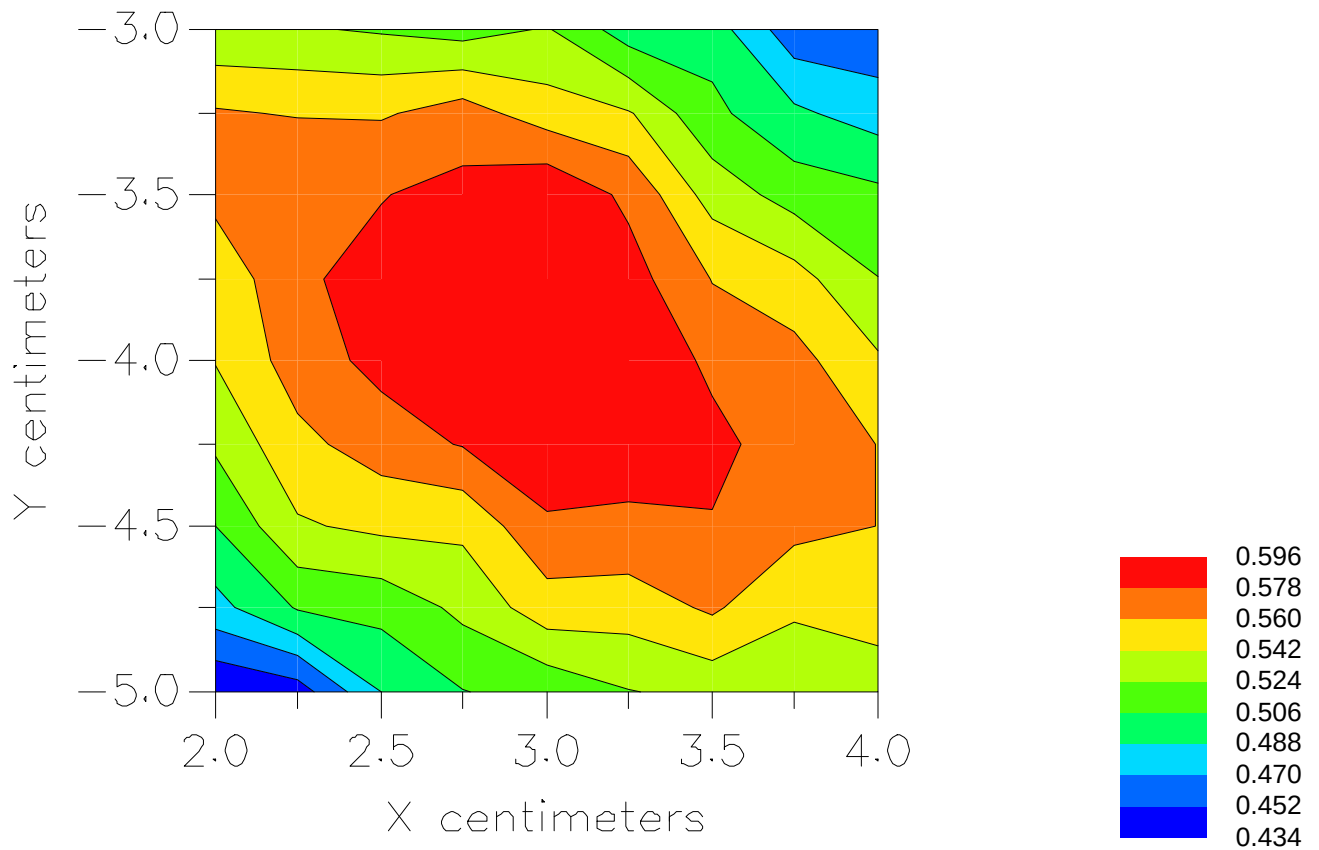


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SAMSUNG/SCH611/004;835.89MHz;W;Helical/In;

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



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99120305_ZOOM.VLT
Start : 3-Dec-99 12:05:56 pm End : 3-Dec-99 12:16:42 pm

Radio Type : SAMSUNG
Model Number : SCH611
Serial Number : 004
Frequency : 835.89 MHz
Peak Trans. Pwr : 0.300 W
Start Trans. Pwr: 0.300 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 = 51.700
Mixture Conductivity = 1.100

Comment :
SAMSUNG CDMA PHONE - BODY SAR
CHAN. 363 (835.89MHz)
+22.0 dB CONDUCTED

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 3.250, Y = -4.000, Z = 0.000 (cm) Value = 5.620

Measured Values (volts) =
5.641E-003 4.606E-003 3.692E-003 3.101E-003 2.697E-003 2.518E-003
2.360E-003 2.271E-003 2.115E-003 1.920E-003 1.631E-003 1.348E-003
9.851E-004 7.053E-004 5.172E-004 4.652E-004 5.798E-004 6.730E-004
8.915E-004 9.396E-004 9.540E-004

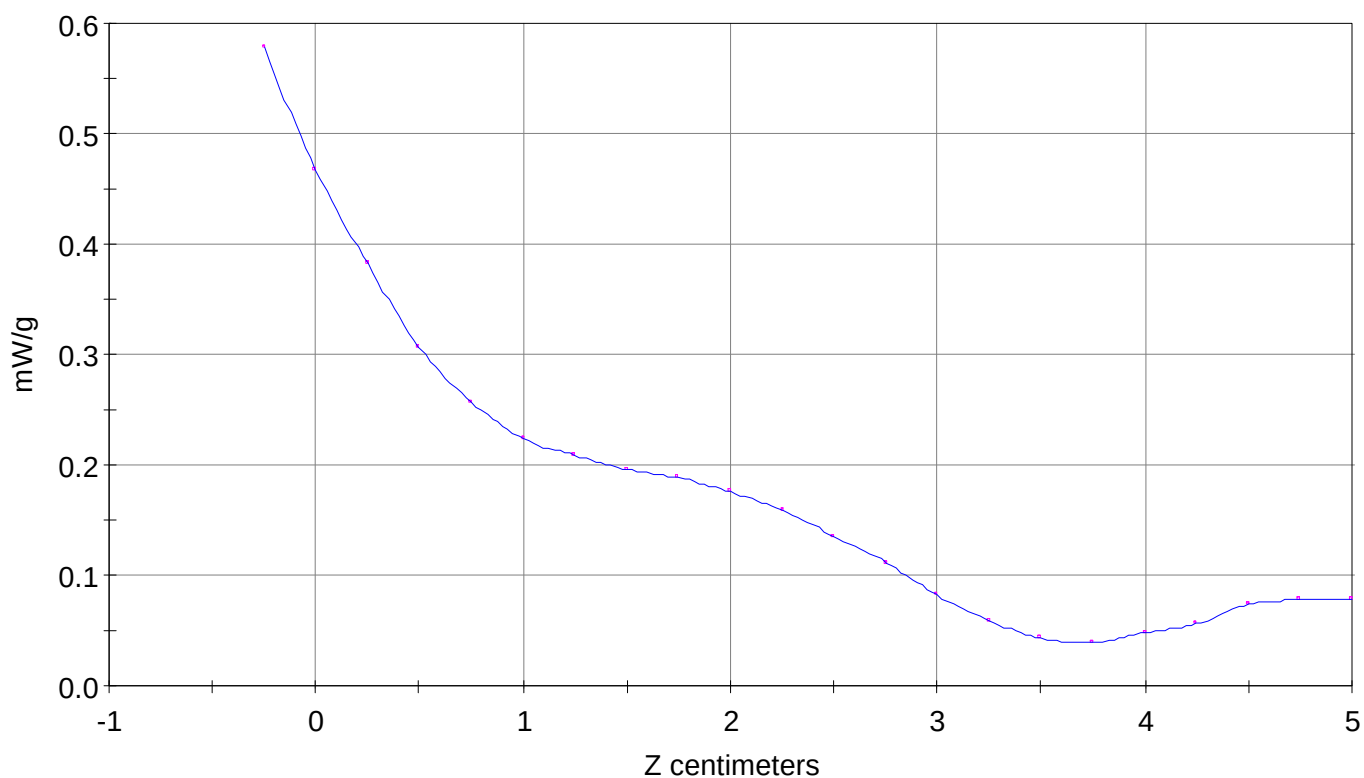
Calc. Voltage @ Surface (Vs) = 0.0070

Voltage @ 1.00 cm (Vt) = 0.0031

Ave. Voltage (Vs+Vt)/2 = 0.0050

Ave. SAR over 1 g (mW/g) = 0.4174

SAR Scan
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SAMSUNG/SCH611/004;835.89MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/57.100/1.100

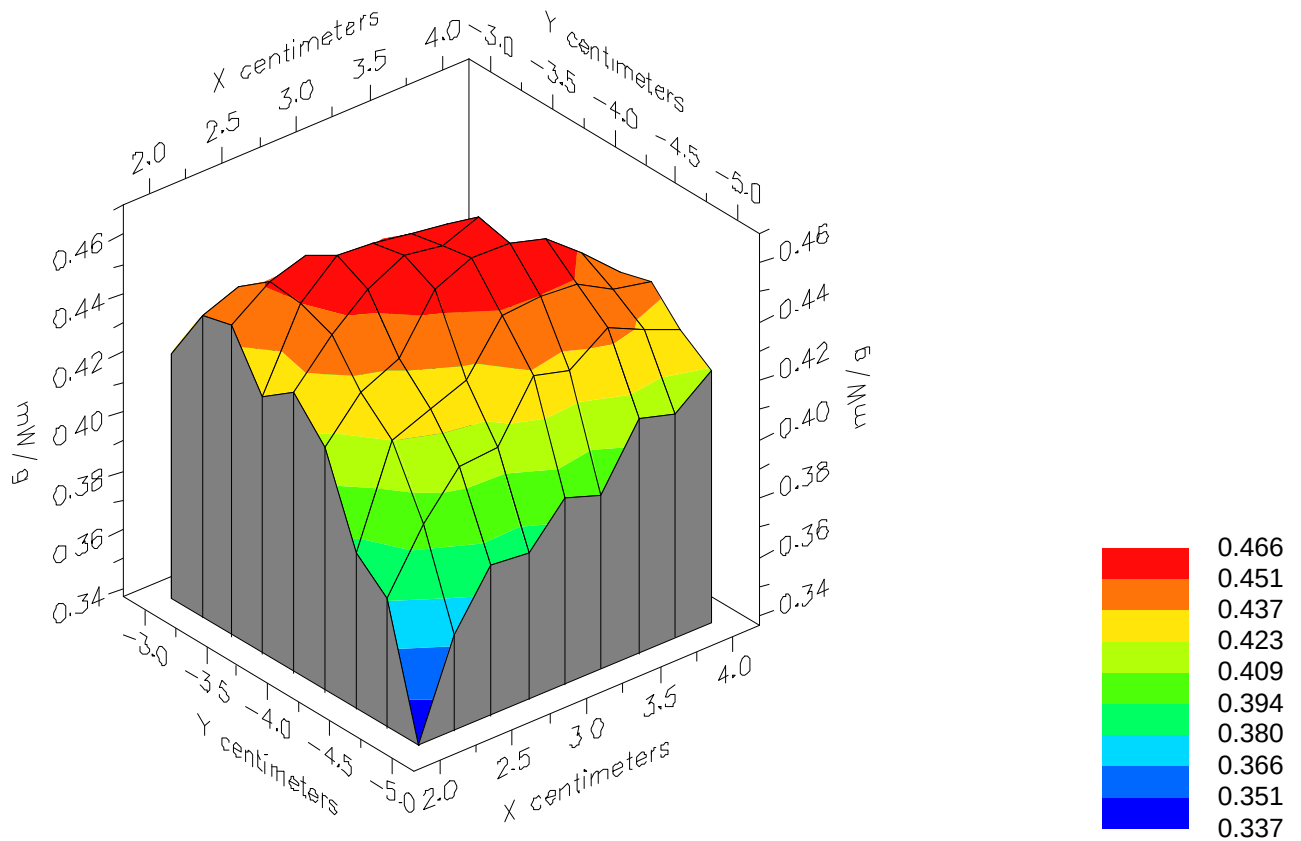


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SAMSUNG/SCH611/004;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/57.100/1.100



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SAMSUNG/SCH611/004;835.89MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/57.100/1.100

