

Body-worn, Back side of EUT faced toward phantom,
25% duty cycle, swivel antenna 180, 0 mm separation, 813.5 MHz

Test Information

Date : 04/02/2002
Time : 9:48:13 AM

<u>Product</u>	: Sapphire 9870-L	Test	: SAR
Manufacturer	: Intellect International N.V.	Frequency (MHz)	: 813.5
Model Number	: 9870-L	Nominal Output Power (W)	: 2
Serial Number	: PreProduction	Antenna Type	: Monopole
FCC ID Number	: QHM-9870	Signal	: 25% Duty cycle

<u>Phantom</u>	: Flat	Dielectric Constant	: 53.5
Simulated Tissue	: Muscle	Conductivity	: 0.97

<u>Probe</u>	: UT-ETR-0200-1	Antenna Position	: Swivel 180
Probe Offset (mm)	: 2.250	Measured Power (dBm)	: 31.4
Sensor Factor (mV)	: 10.8	(ERP)	
Conversion Factor	: 0.966		
Calibrated Date	: 31/01/2002		

Amplifier Setting :

Channel 1 : 0.0050 Channel 2 : 0.0042 Channel 3 : 0.0053

Location of Maximum Field :

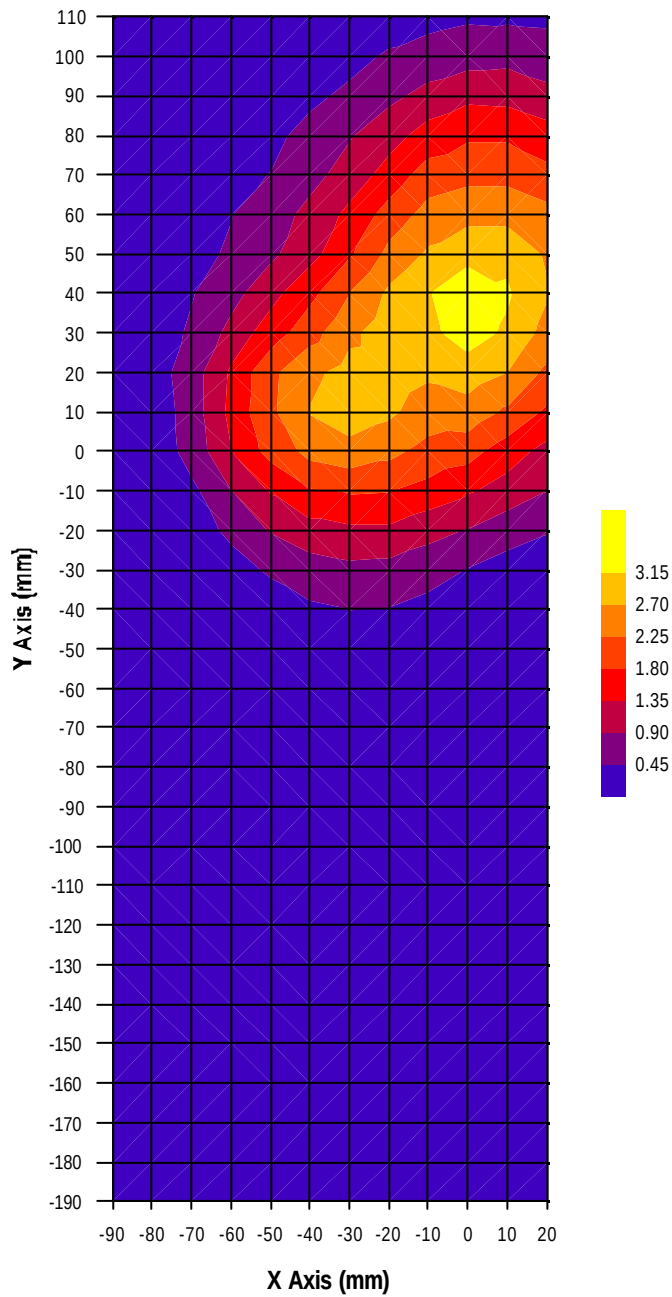
X = 5 Y = 40

Measured Values (mV) :

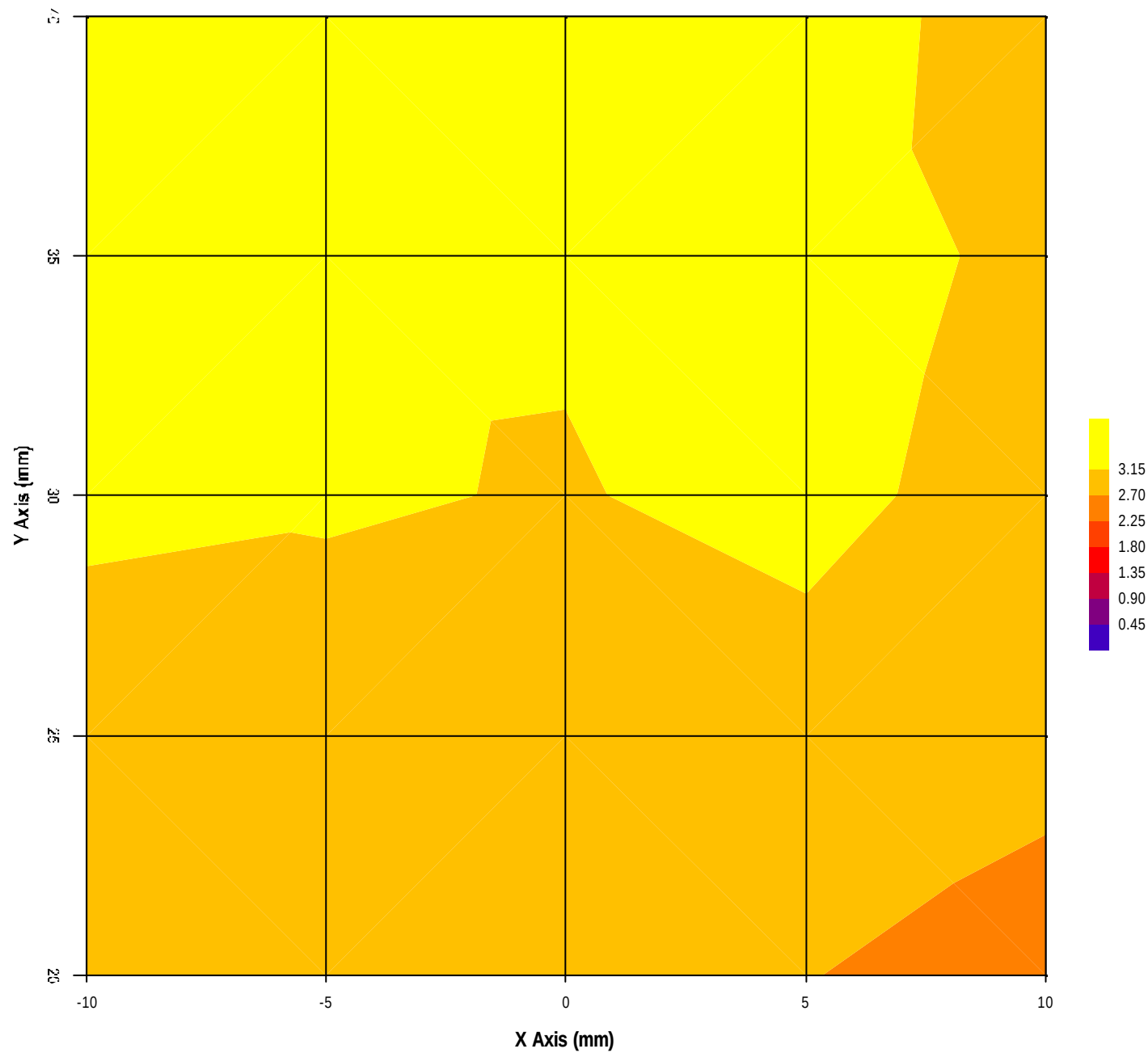
2.816	2.756	2.427	2.197	1.958	2.055
2.032	1.874	1.661	1.488	1.338	

Peak Voltage (mV) : 3.511 **1 Cm Voltage (mV)** : 1.547 **SAR (W/Kg)** : 0.231

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