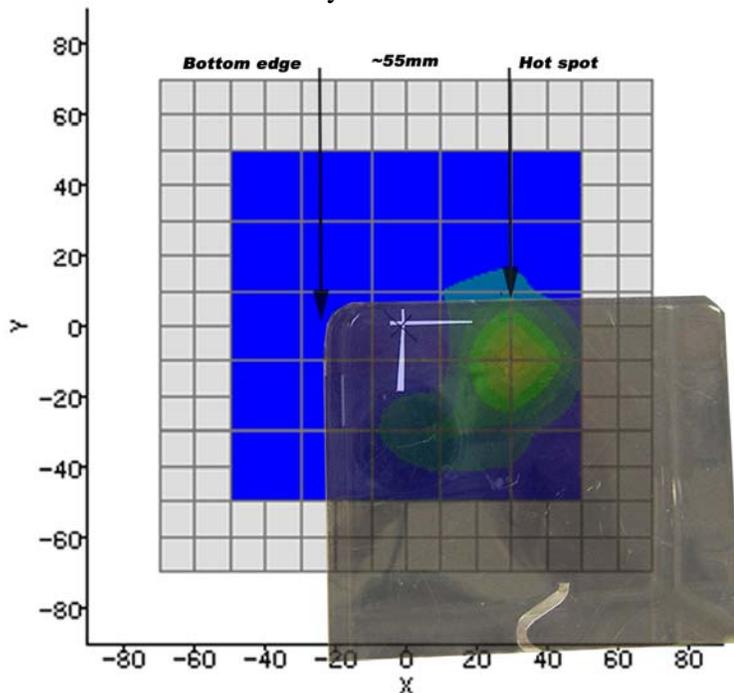


SAR for EVDO was evaluated with Rev.0 Subtype 0 Physical Layer. Reverse Data Channel rate of 153.6 kbps and Forward Traffic Channel data rate corresponding to the 2-slot version of 307.2 kbps. Power control bits were “All Up.”

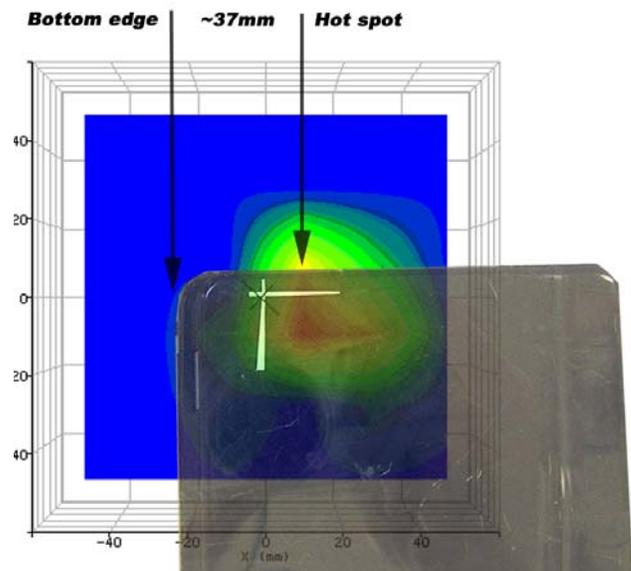
ERP was verified before and after SAR measurement was performed. 21.62 dBm at 836.52 MHz was measured before and 21.61 dBm at 836.52 MHz was measured after. Before the SAR test, tissue parameters were measured and system verification was performed. Data is available upon request.

The low SAR value in the 850 MHz band is due to lower radiated output power than the 1900 MHz band. Also the antenna radiates closer to the lap in the 1900 MHz band. Area scans were performed along the top of the screen where the antenna is positioned, to show the distance from the lap to the hotspots. The radiating point in the 850 MHz band is about 18mm father from the lap than the radiating point in 1900 MHz band.

836 MHz area scan
directly over antenna



1880 MHz area scan
directly over antenna



System / software:	SARA2 / 2.54 VPM coloc	Input Power Drift:	
Date / Time:	1/20/2009 3:40:47 PM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	L0116
Ambient Temperature:	21.5°C	Liquid Simulant:	850
Device Under Test:	1P1L	Relative Permittivity:	54.39
Relative Humidity:	39.4%	Conductivity:	0.984
Phantom S/No:	Head04_37.csv	Liquid Temperature:	21.2°C
Phantom Rotation:	0°	Max SAR X-axis Location:	20.00 mm
DUT Position:	Lap	Max SAR Y-axis Location:	-2.00 mm
Antenna Configuration:	integral	Max E Field:	9.02 V/m
Test Frequency:	836.52MHz	SAR 1g:	0.089 W/kg
Air Factors:	504 / 365 / 331	SAR 10g:	
Conversion Factors:	.486 / .486 / .486	SAR Start:	0.021 W/kg
Type of Modulation:		SAR End:	0.020 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	-4.76 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	01/19/09
Input Power Level:	Power bits all up	Extrapolation:	poly4

