CETECOM™

Plot 1: Front WLAN 2437 MHz

System / software:	SARA2 / 2.54 VPM coloc	**Input Power Drift:**	
Date / Time:	10/15/2010 11:59:28 AM	**DUT Battery Model/No:**	
Filename:	Wifi2437_Front.txt	**Probe Serial Number:**	M0024
Ambient Temperature:	20.6°C	**Liquid Simulant:**	2450
Device Under Test:	Juniper Systems	**Relative Permittivity:**	49.14
Relative Humidity:	50.4%	**Conductivity:**	1.954
Phantom S/No:	Head04_37.csv	**Liquid Temperature:**	21°C
Phantom Rotation:	180°	**Max SAR X-axis Location:**	40.00 mm
DUT Position:	Front	**Max SAR Y-axis Location:**	40.00 mm
Antenna Configuration:	Integral	**Max E Field:**	6.32 V/m
Test Frequency:	2437MHz	**SAR 1g:**	0.052 W/kg
Air Factors:	4340 / 3409 / 2904	**SAR 10g:**	
Conversion Factors:	.31 / .34 / .44	**SAR Start:**	0.038 W/kg
Type of Modulation:		**SAR End:**	0.043 W/kg
Modn. Duty Cycle:		**SAR Drift during Scan:**	2.11 %
Diode Compression Factors (V*200):	20 / 20 / 20	**Probe battery last changed:**	10/12/10
Input Power Level:	Set by software	**Extrapolation:**	poly4
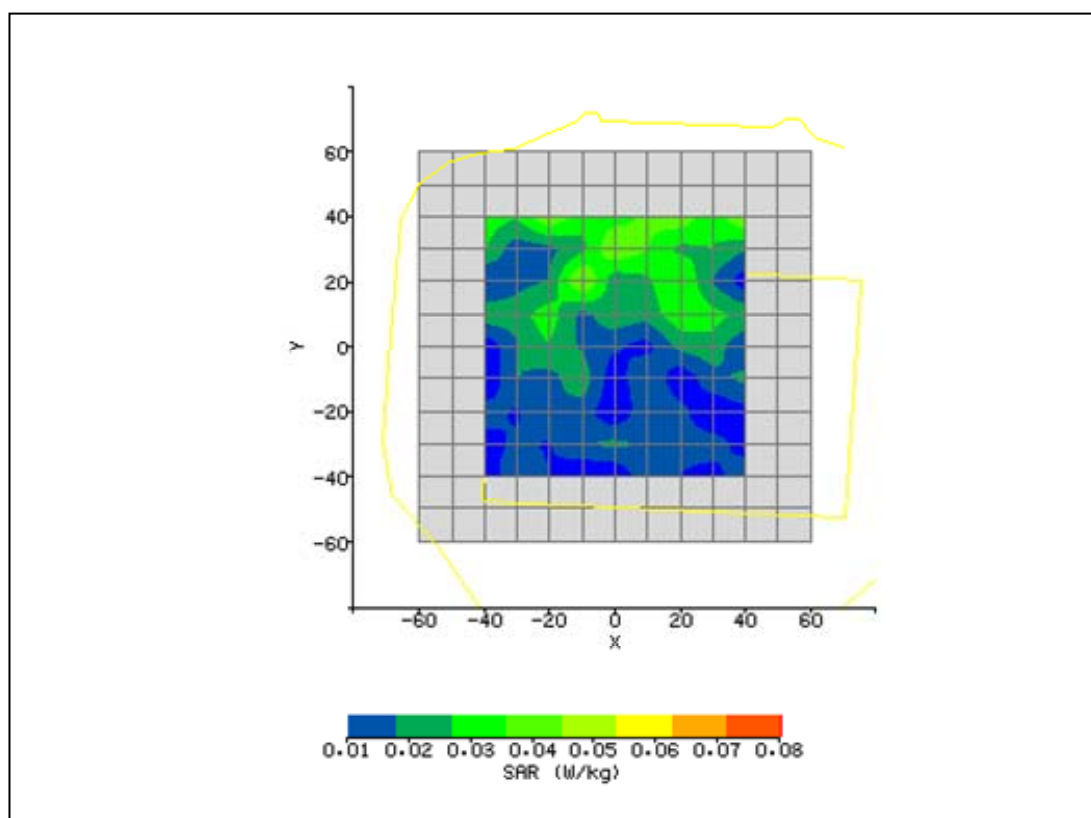
Plot 2: Back WLAN 2437 MHz

System / software:	SARA2 / 2.54 VPM coloc	**Input Power Drift:**	
Date / Time:	10/15/2010 1:01:31 PM	**DUT Battery Model/No:**	
Filename:	Wifi2437_Back.txt	**Probe Serial Number:**	M0024
Ambient Temperature:	20.6°C	**Liquid Simulant:**	2450
Device Under Test:	Juniper Systems SN: AMXB 45	**Relative Permittivity:**	49.14
Relative Humidity:	50.4%	**Conductivity:**	1.954
Phantom S/No:	Head04_37.csv	**Liquid Temperature:**	21°C
Phantom Rotation:	180°	**Max SAR X-axis Location:**	40.00 mm
DUT Position:	Back	**Max SAR Y-axis Location:**	40.00 mm
Antenna Configuration:	Integral	**Max E Field:**	6.55 V/m
Test Frequency:	2437MHz	**SAR 1g:**	0.044 W/kg
Air Factors:	4340 / 3409 / 2904	**SAR 10g:**	
Conversion Factors:	.31 / .34 / .44	**SAR Start:**	0.033 W/kg
Type of Modulation:		**SAR End:**	0.038 W/kg
Modn. Duty Cycle:		**SAR Drift during Scan:**	4.24 %
Diode Compression Factors (V*200):	20 / 20 / 20	**Probe battery last changed:**	10/12/10
Input Power Level:	Set by software	**Extrapolation:**	poly4
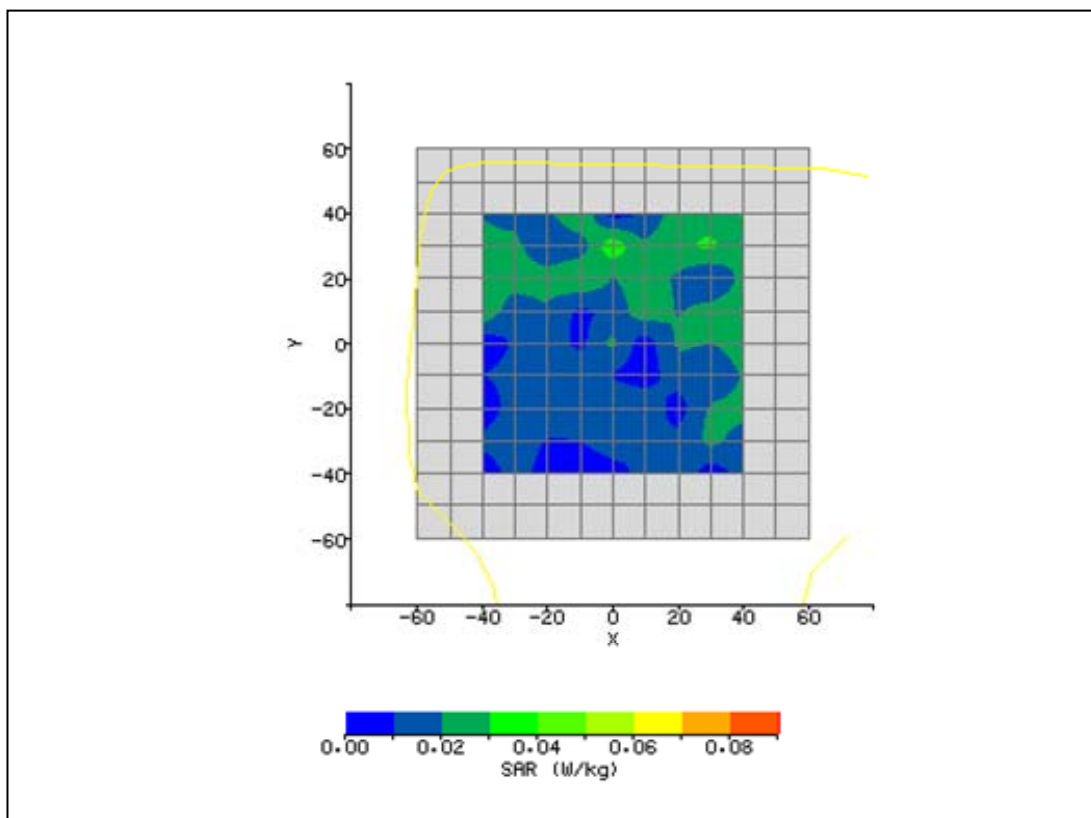
Plot 3: 2450 MHz Verifcation

System / software:	SARA2 / 2.54 VPM coloc	Input Power Drift:	
Date / Time:	10/15/2010 10:50:37 AM	DUT Battery Model/No:	
Filename:	Wifi2462_Back.txt	Probe Serial Number:	M0024
Ambient Temperature:	20.6°C	Liquid Simulant:	2450
Device Under Test:	System	Relative Permittivity:	49.09
Relative Humidity:	50.4%	Conductivity:	1.969
Phantom S/No:	Head04_37.csv	Liquid Temperature:	21°C
Phantom Rotation:	180°	Max SAR X-axis Location:	1.20 mm
DUT Position:	10mm	Max SAR Y-axis Location:	0.00 mm
Antenna Configuration:	Dipole	Max E Field:	129.43 V/m
Test Frequency:	2450MHz	SAR 1g:	45.814 W/kg
Air Factors:	4340 / 3409 / 2904	SAR 10g:	
Conversion Factors:	.31 / .34 / .44	SAR Start:	4.041 W/kg
Type of Modulation:		SAR End:	4.064 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.63 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	10/12/10
Input Power Level:	1W	Extrapolation:	poly4