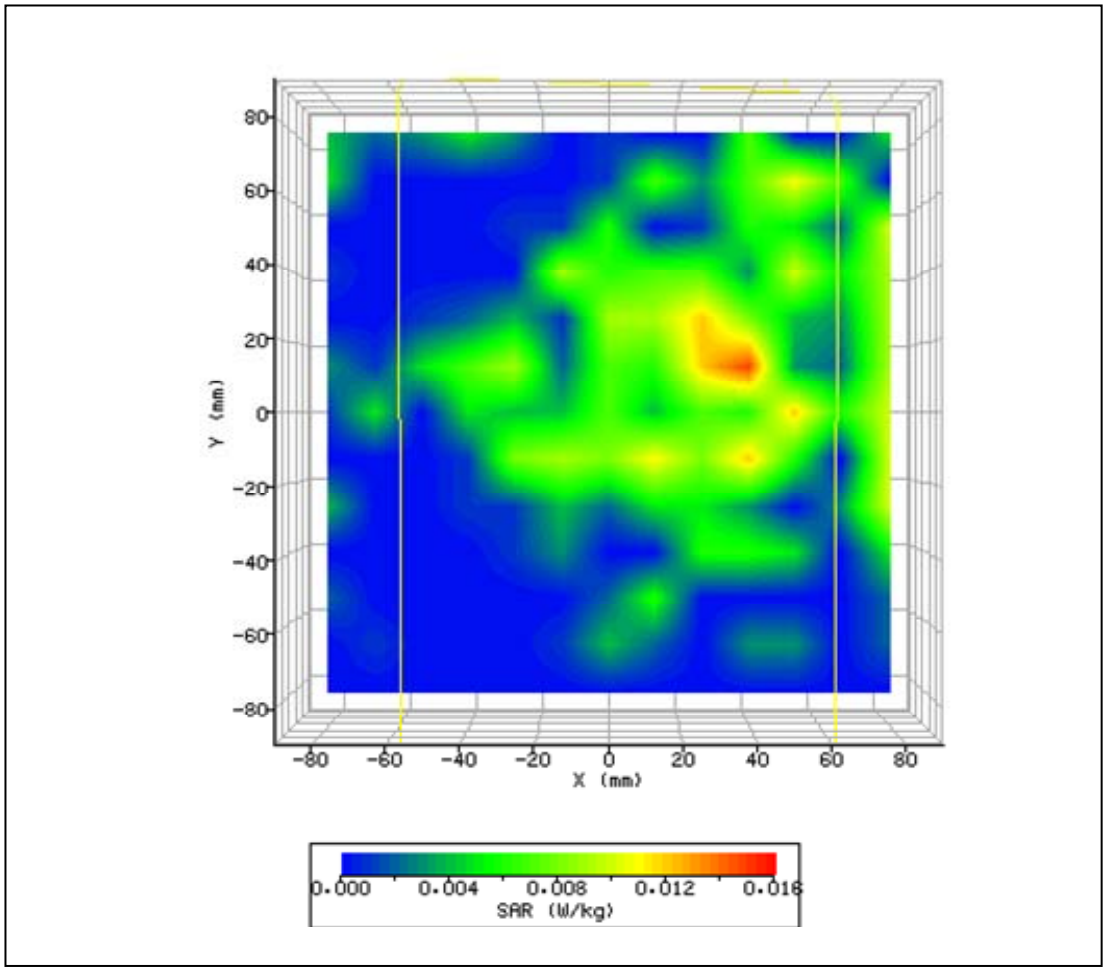
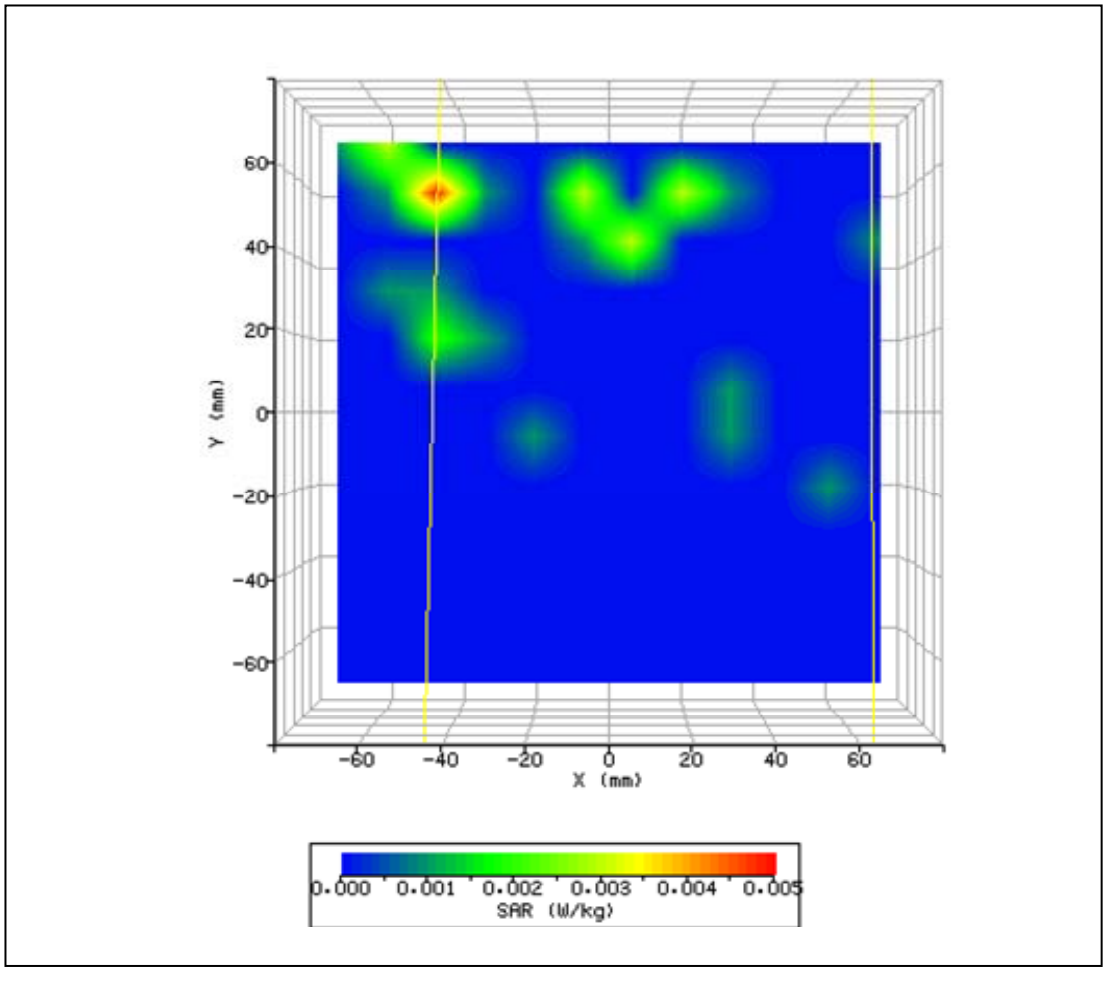
Plot 1: GSM 850, 836.6MHz, Top

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 11:37:13 AM		**DUT Battery Model/No:**	
Filename:	GSM836_Top.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	0.00 mm
DUT Position:	Top 10cm		**Max SAR Z-axis Location:**	-473.70 mm
Antenna Configuration:	Integral		**Max E Field:**	3.99 V/m
Test Frequency:	GSM 836.6MHz		**SAR 1g:**	0.023 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.002 W/kg
Type of Modulation:			**SAR End:**	0.002 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-1.22 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



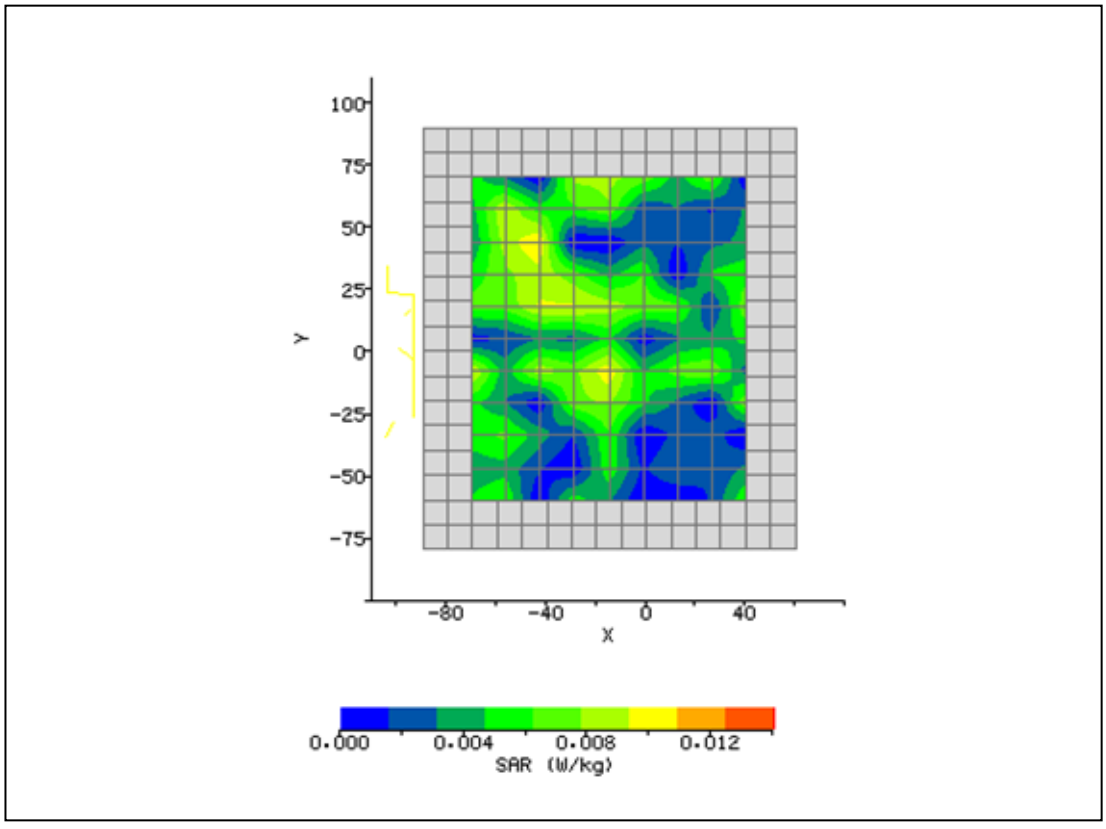
Plot 2: GSM 850, 836.6MHz, Bottom

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 1:11:08 PM		**DUT Battery Model/No:**	
Filename:	GSM836_Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-43.82 mm
DUT Position:	Bottom 10cm		**Max SAR Y-axis Location:**	75.33 mm
Antenna Configuration:	Integral		**Max E Field:**	2.67 V/m
Test Frequency:	GSM 836.6MHz		**SAR 1g:**	0.006 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.002 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.00 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



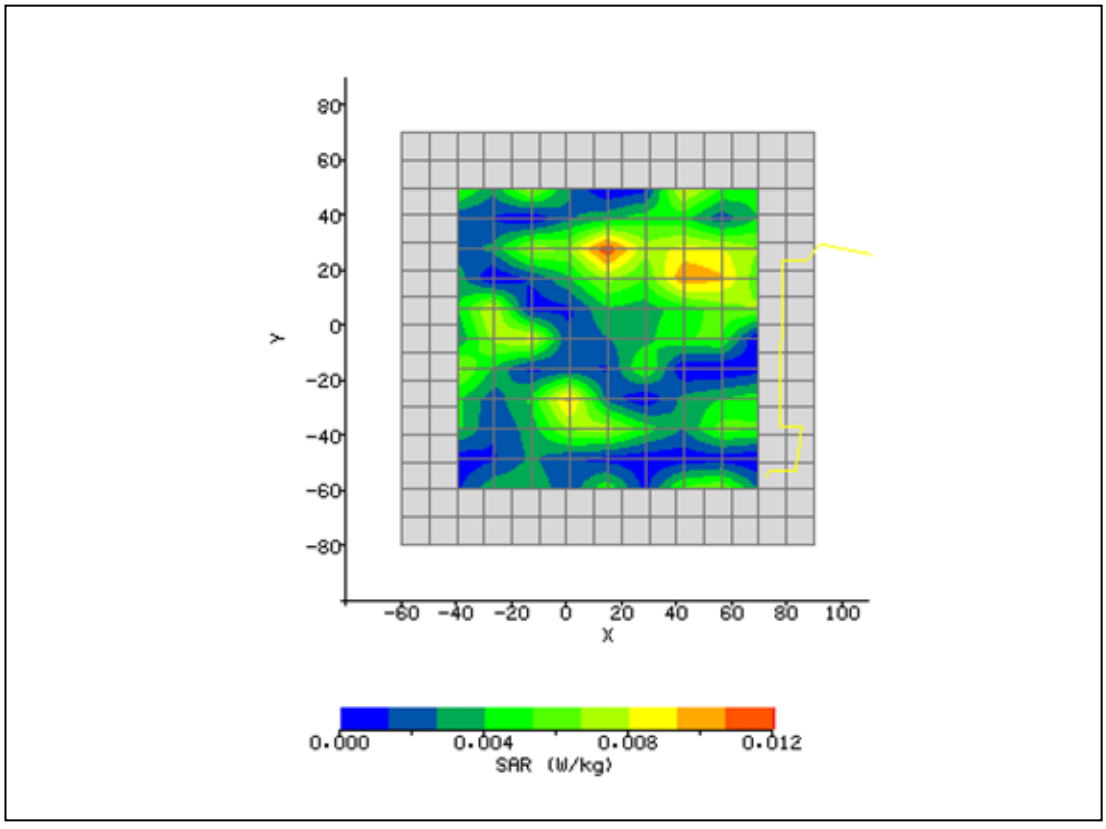
Plot 3: GSM 850, 836.6MHz, Left

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 6:05:27 PM		**DUT Battery Model/No:**	
Filename:	GSM836_Left.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 25		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-48.00 mm
DUT Position:	Left 10cm		**Max SAR Y-axis Location:**	41.40 mm
Antenna Configuration:	Integral		**Max E Field:**	3.56 V/m
Test Frequency:	GSM 836.6MHz		**SAR 1g:**	0.018 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.004 W/kg
Type of Modulation:			**SAR End:**	0.004 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-2.33 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



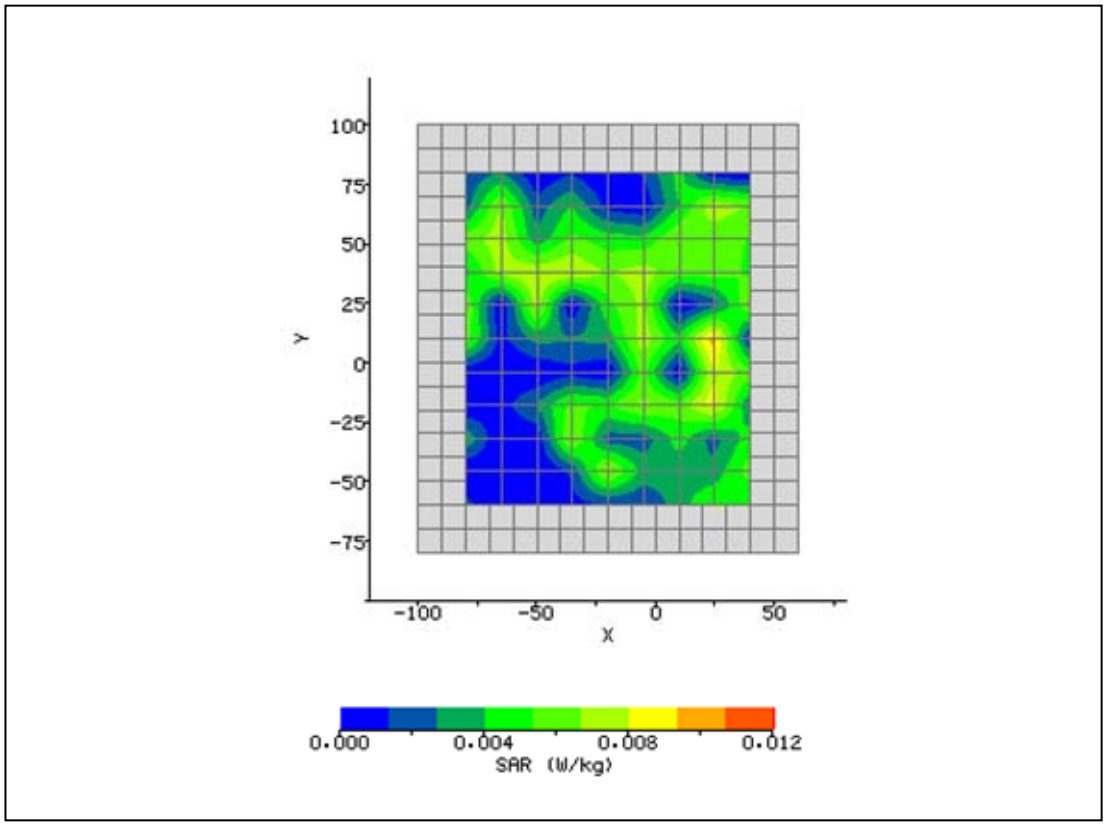
Plot 4: GSM 850, 836.6MHz, Right

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 6:54:31 PM		**DUT Battery Model/No:**	
Filename:	GSM836_Right.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 25		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	48.00 mm
DUT Position:	Right 10cm		**Max SAR Y-axis Location:**	20.30 mm
Antenna Configuration:	Integral		**Max E Field:**	3.41 V/m
Test Frequency:	GSM 836.6MHz		**SAR 1g:**	0.011 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.003 W/kg
Type of Modulation:			**SAR End:**	0.007 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	2.37 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



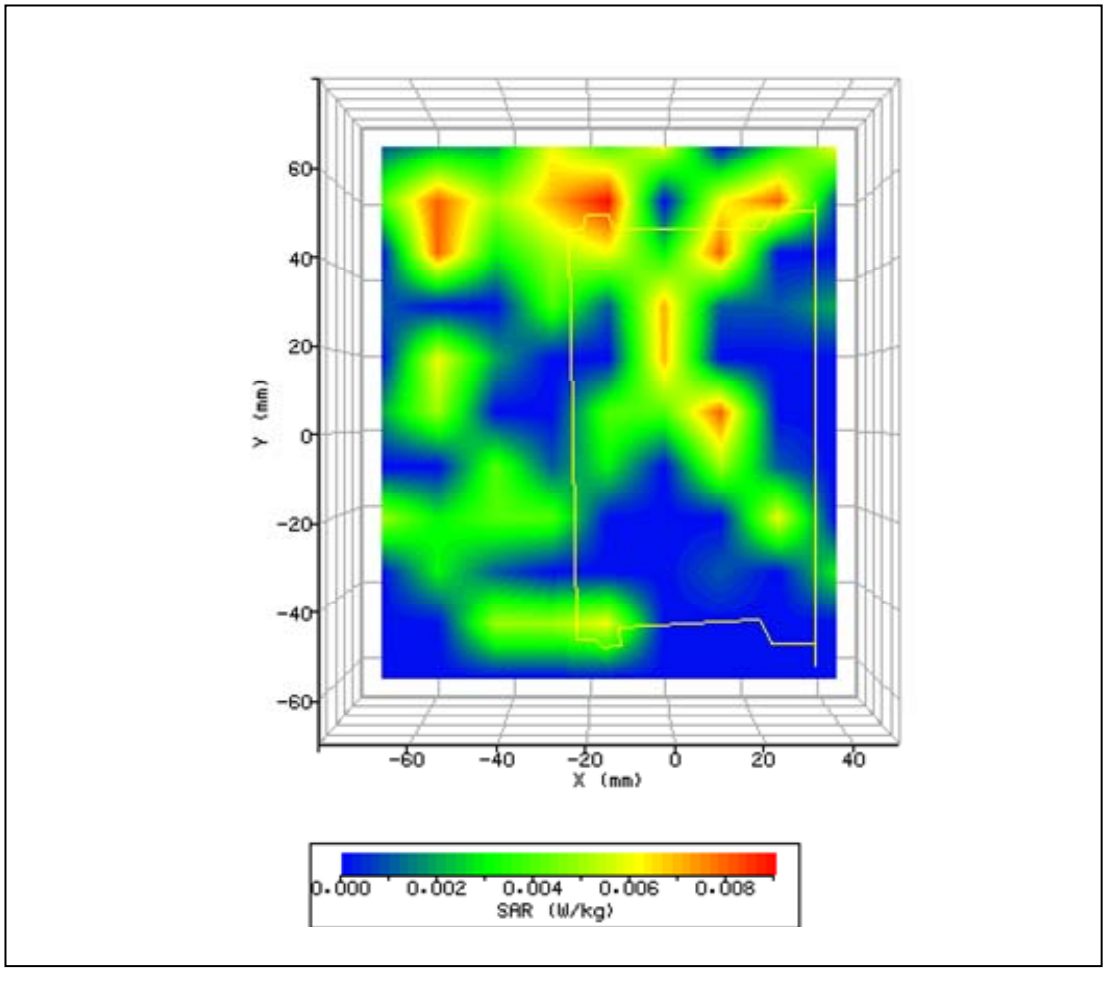
Plot 5: GSM 850, 836.6MHz, Front

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 5:22:54 PM		**DUT Battery Model/No:**	
Filename:	GSM836_Side Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-11.00 mm
DUT Position:	Side Bottom 10cm		**Max SAR Y-axis Location:**	35.20 mm
Antenna Configuration:	Integral		**Max E Field:**	3.40 V/m
Test Frequency:	GSM 836.6MHz		**SAR 1g:**	0.014 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.005 W/kg
Type of Modulation:			**SAR End:**	0.004 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-1.36 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



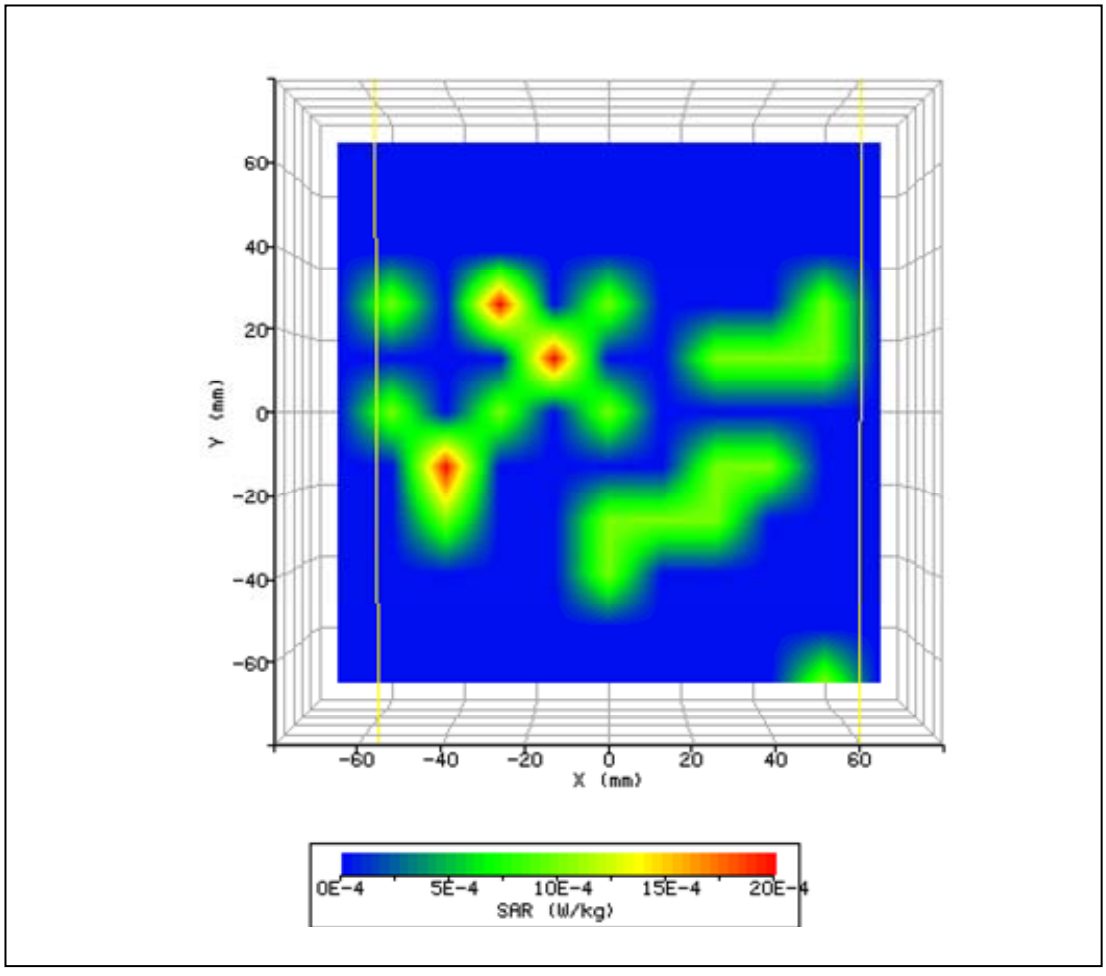
Plot 6: GSM 850, 836.6MHz, Rear

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 5:46:58 PM		**DUT Battery Model/No:**	
Filename:	GSM836_Side Top.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 25		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-15.00 mm
DUT Position:	Side Top 10cm		**Max SAR Y-axis Location:**	57.00 mm
Antenna Configuration:	Integral		**Max E Field:**	3.66 V/m
Test Frequency:	GSM 836.6MHz		**SAR 1g:**	0.017 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.003 W/kg
Type of Modulation:			**SAR End:**	0.003 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	1.84 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



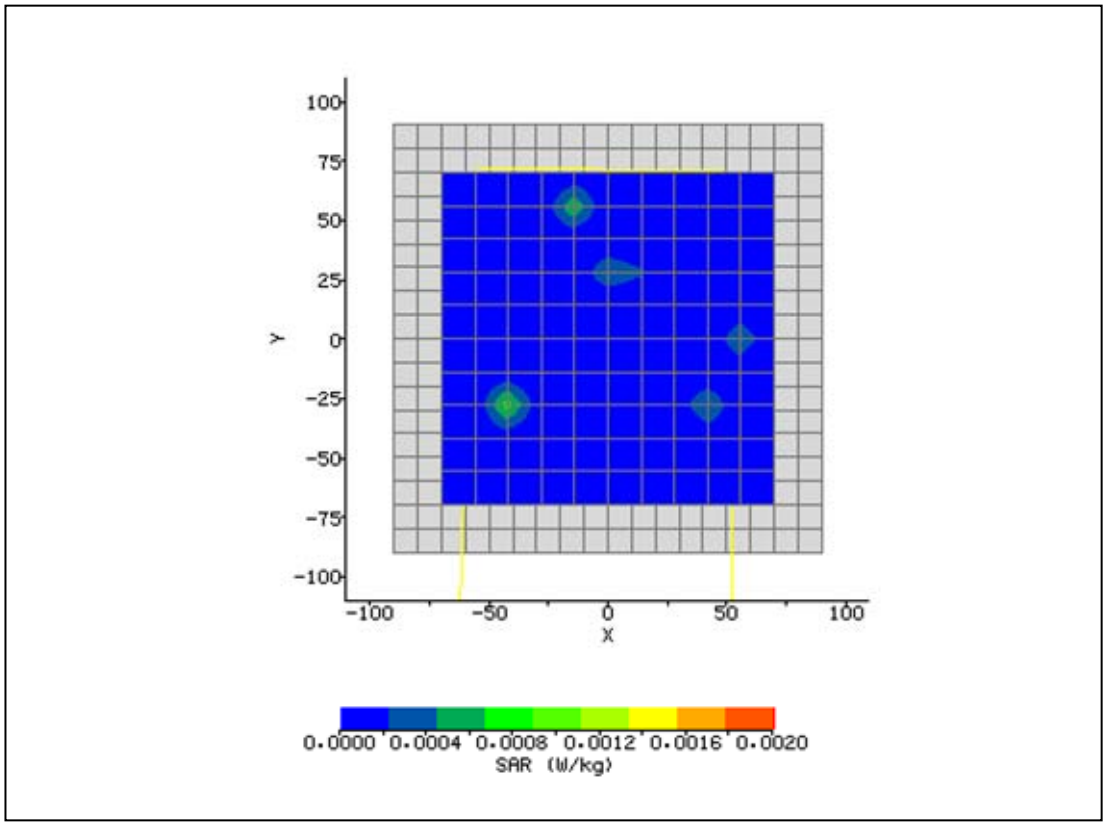
Plot 7: PCS 1900, 1880MHz, Top

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 9:32:00 AM		**DUT Battery Model/No:**	
Filename:	GSM1880_Top.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	30.27 mm
DUT Position:	Top 10cm		**Max SAR Z-axis Location:**	-473.70 mm
Antenna Configuration:	Integral		**Max E Field:**	2.56 V/m
Test Frequency:	GSM1880MHz		**SAR 1g:**	0.011 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.001 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.00 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



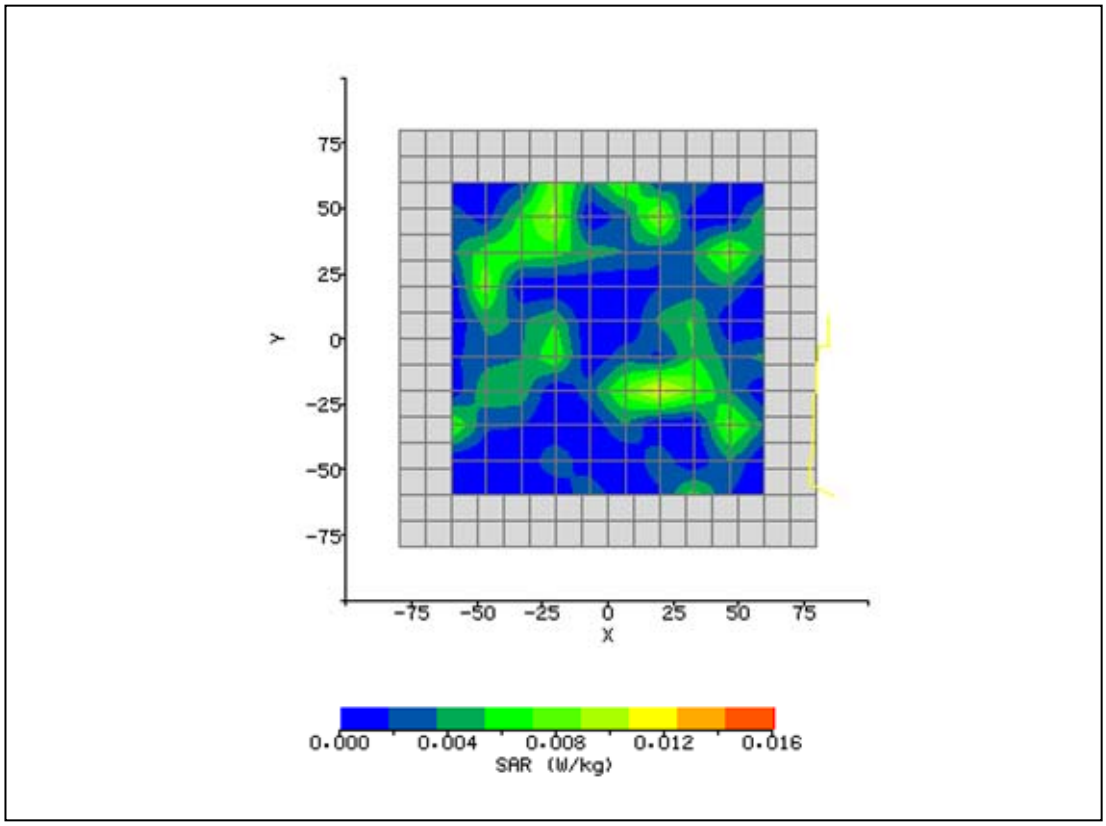
Plot 8: PCS 1900, 1880MHz, Bottom

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 10:16:06 AM		**DUT Battery Model/No:**	
Filename:	GSM1880_Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 25		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-42.00 mm
DUT Position:	Bottom 10cm		**Max SAR Y-axis Location:**	-28.00 mm
Antenna Configuration:	Integral		**Max E Field:**	1.08 V/m
Test Frequency:	GSM 1880MHz		**SAR 1g:**	0.001 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	%
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



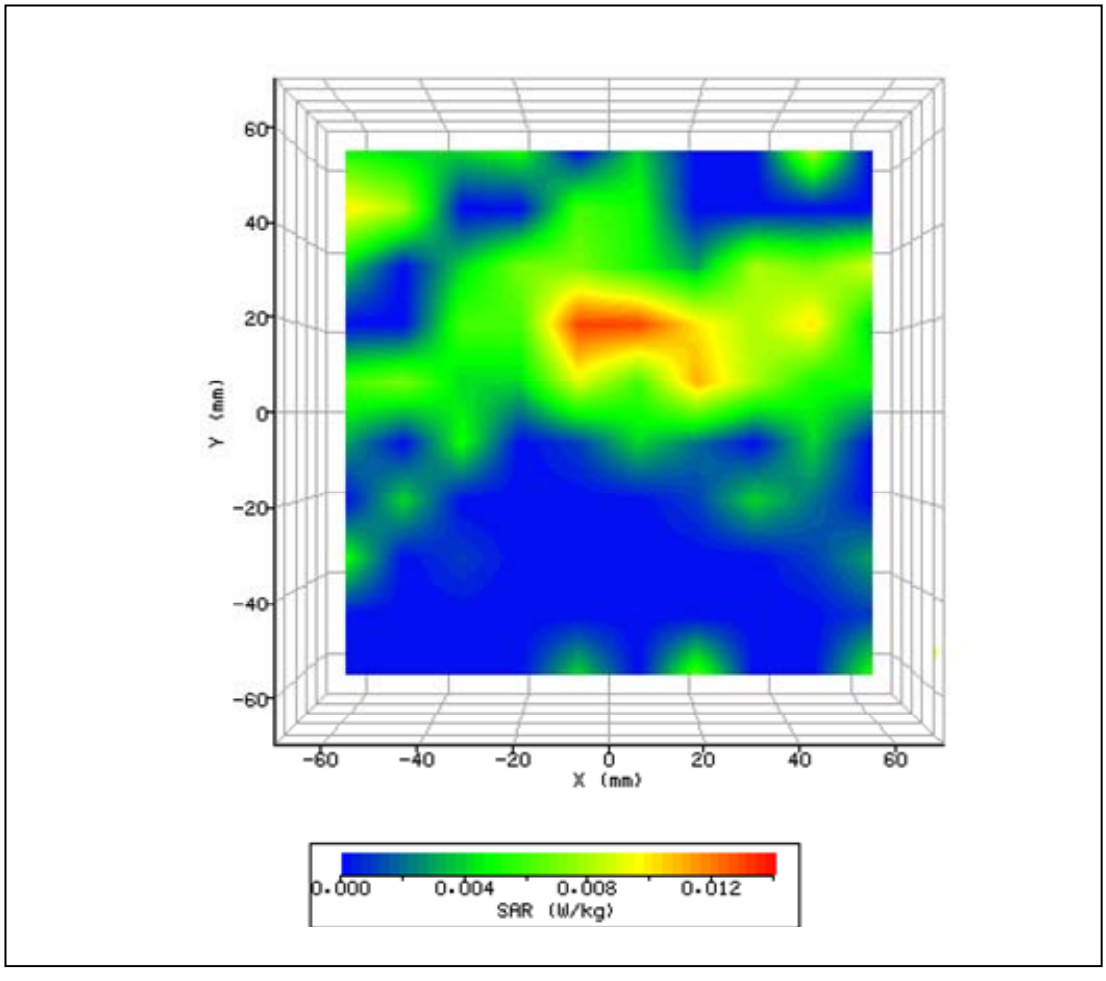
Plot 9: PCS 1900, 1880MHz, Left

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 1:45:35 PM		**DUT Battery Model/No:**	
Filename:	GSM1880_Left.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-24.00 mm
DUT Position:	Left 10cm		**Max SAR Y-axis Location:**	44.00 mm
Antenna Configuration:	Integral		**Max E Field:**	3.11 V/m
Test Frequency:	GSM 1880MHz		**SAR 1g:**	0.011 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.003 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	%
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



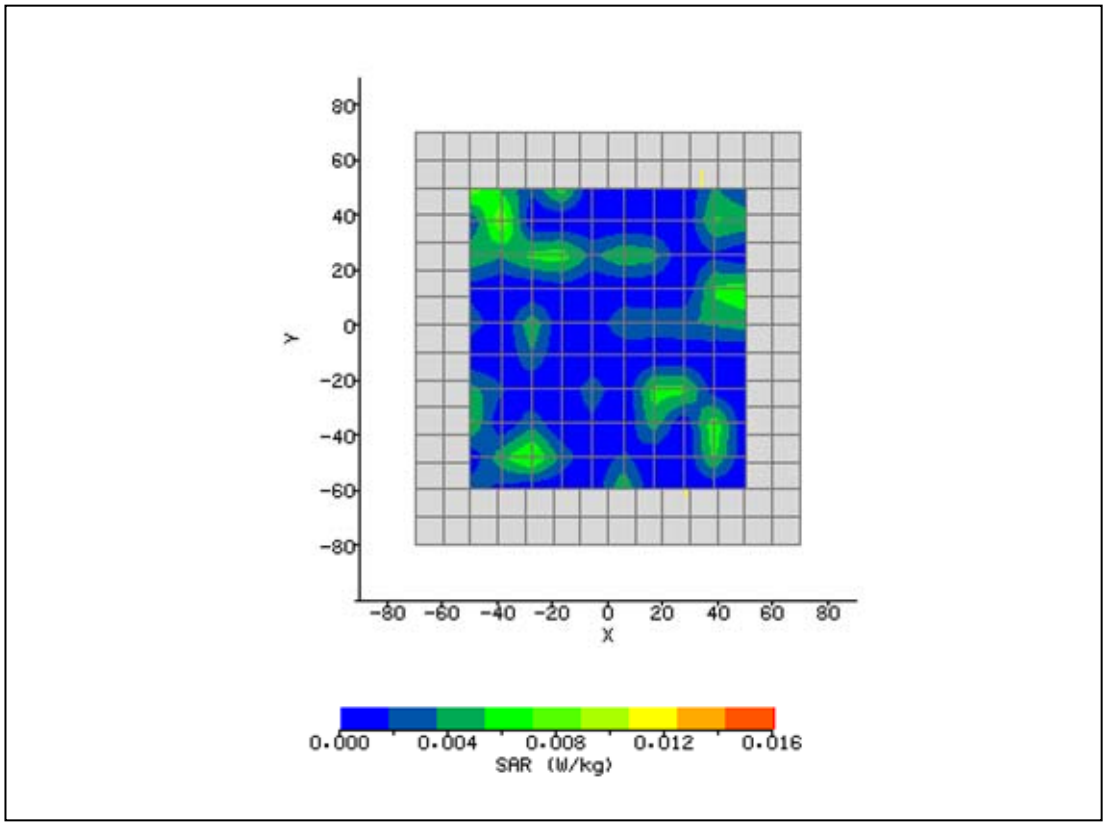
Plot 10: PCS 1900, 1880MHz, Right

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 2:02:50 PM		**DUT Battery Model/No:**	
Filename:	GSM1880_Right.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	8.00 mm
DUT Position:	Right 10cm		**Max SAR Z-axis Location:**	-463.50 mm
Antenna Configuration:	Integral		**Max E Field:**	2.92 V/m
Test Frequency:	GSM1880MHz		**SAR 1g:**	0.018 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.002 W/kg
Type of Modulation:			**SAR End:**	0.003 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	3.98 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



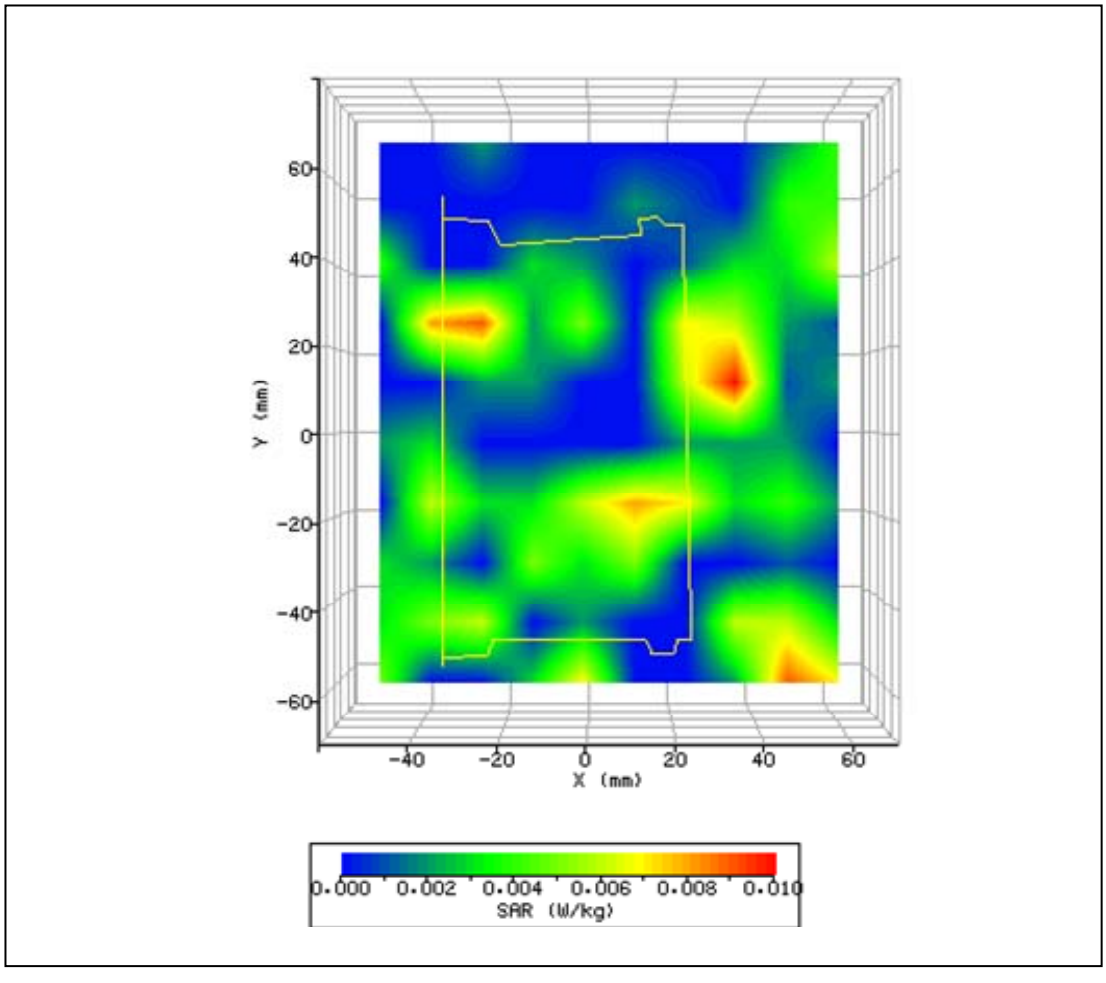
Plot 11: PCS 1900, 1880MHz, Front

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 4:16:39 PM		**DUT Battery Model/No:**	
Filename:	GSM1880_Side Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-50.00 mm
DUT Position:	Side Bottom 10cm		**Max SAR Y-axis Location:**	50.00 mm
Antenna Configuration:	Integral		**Max E Field:**	3.02 V/m
Test Frequency:	GSM1880MHz		**SAR 1g:**	0.020 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.003 W/kg
Type of Modulation:			**SAR End:**	0.002 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-2.28 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



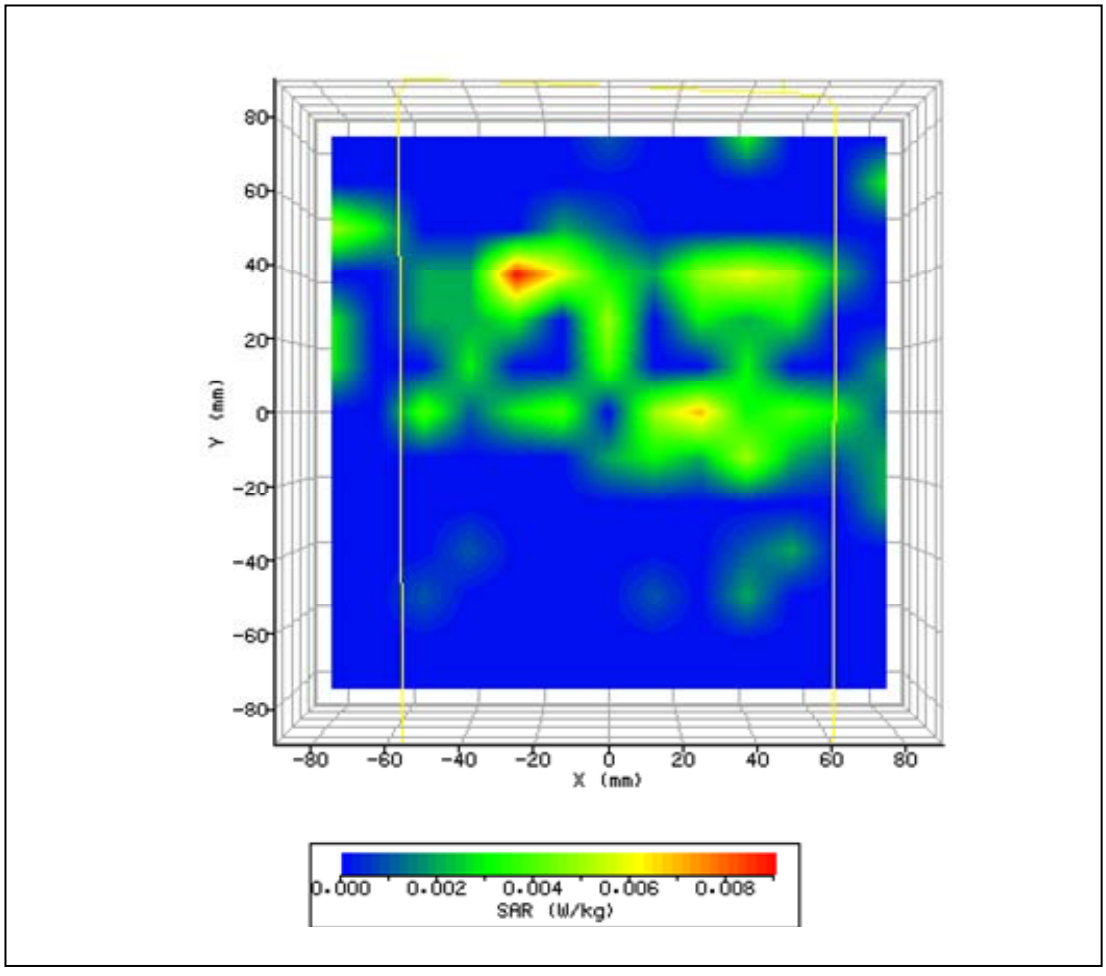
Plot 12: PCS 1900, 1880MHz, Rear

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 3:15:02 PM		**DUT Battery Model/No:**	
Filename:	GSM1880_Side Top.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	12.22 mm
DUT Position:	Side Top 10cm		**Max SAR Z-axis Location:**	-473.70 mm
Antenna Configuration:	Integral		**Max E Field:**	2.50 V/m
Test Frequency:	GSM1880MHz		**SAR 1g:**	0.010 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.002 W/kg
Type of Modulation:			**SAR End:**	0.001 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-3.11 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	2 uplink timeslots		**Extrapolation:**	poly4



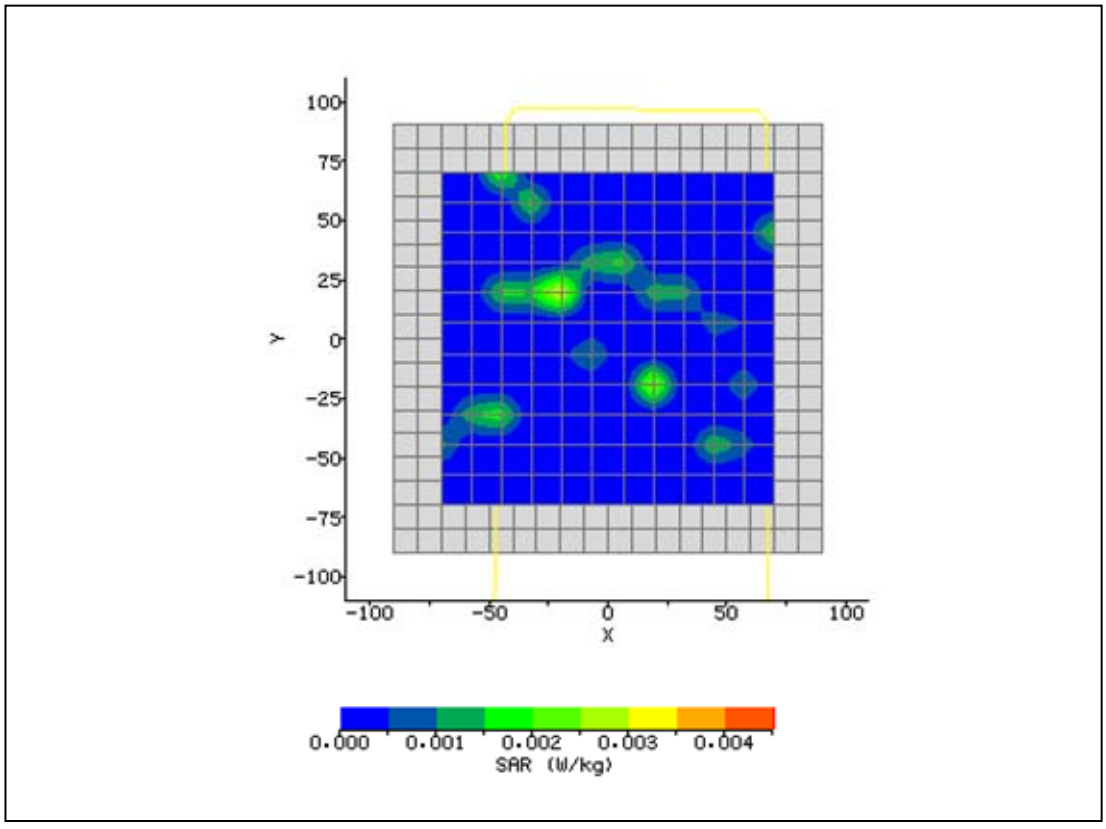
Plot 13: WCDMA FDD V, 836.6MHz, Top

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 11:16:33 AM		**DUT Battery Model/No:**	
Filename:	WCDMA836_Top.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	49.33 mm
DUT Position:	Top 10cm		**Max SAR Z-axis Location:**	-473.70 mm
Antenna Configuration:	Integral		**Max E Field:**	2.59 V/m
Test Frequency:	WCDMA 836.6MHz		**SAR 1g:**	0.009 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.001 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.28 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



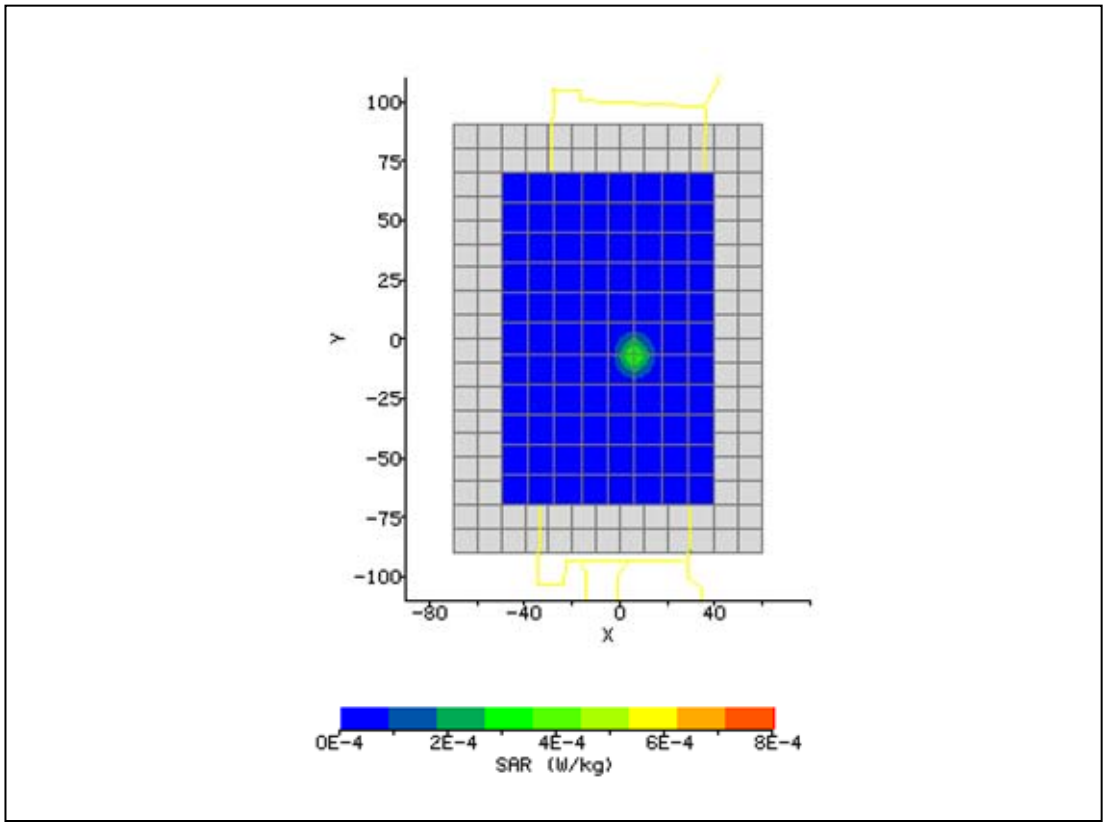
Plot 14: WCDMA FDD V, 836.6MHz, Bottom

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 1:40:51 PM		**DUT Battery Model/No:**	
Filename:	WCDMA836_Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-21.64 mm
DUT Position:	Bottom 10cm		**Max SAR Y-axis Location:**	20.36 mm
Antenna Configuration:	Integral		**Max E Field:**	2.13 V/m
Test Frequency:	WCDMA 836.6MHz		**SAR 1g:**	0.002 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	%
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



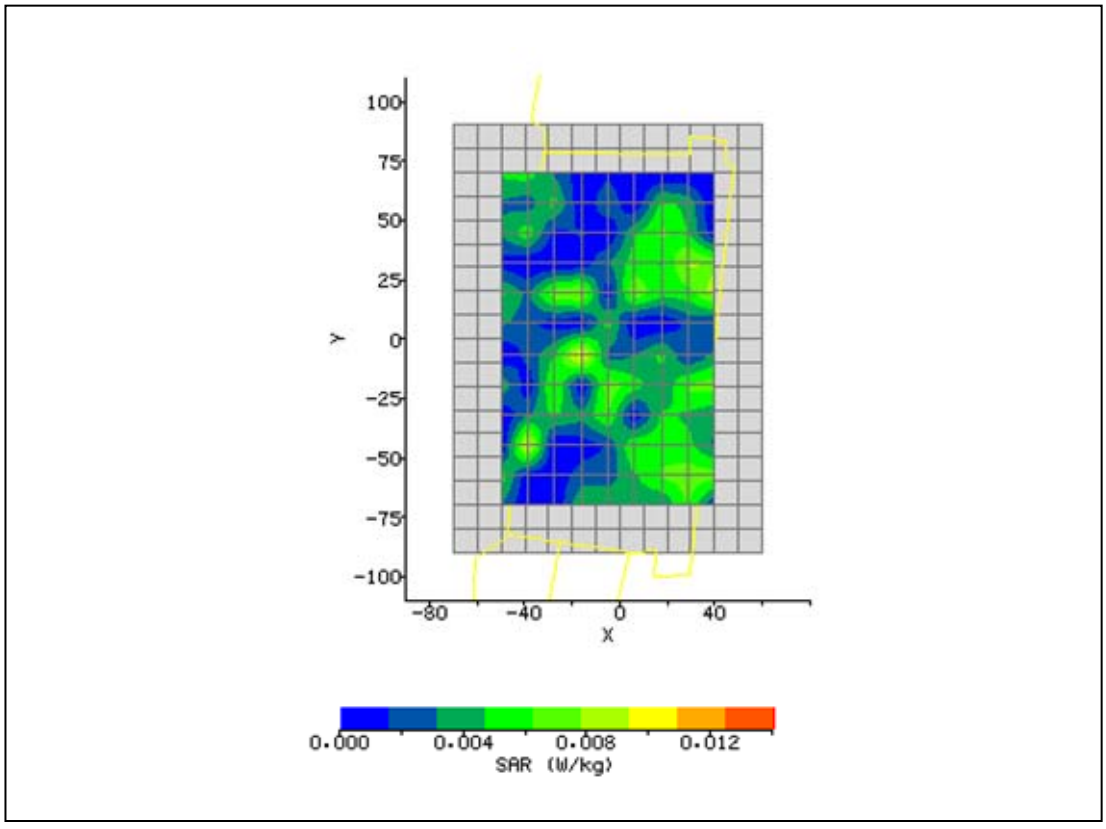
Plot 15: WCDMA FDD V, 836.6MHz, Left

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 2:08:05 PM		**DUT Battery Model/No:**	
Filename:	WCDMA836_Left.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	6.25 mm
DUT Position:	Side Left 10cm		**Max SAR Y-axis Location:**	-6.36 mm
Antenna Configuration:	Integral		**Max E Field:**	0.88 V/m
Test Frequency:	WCDMA 836.6MHz		**SAR 1g:**	0.001 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	%
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



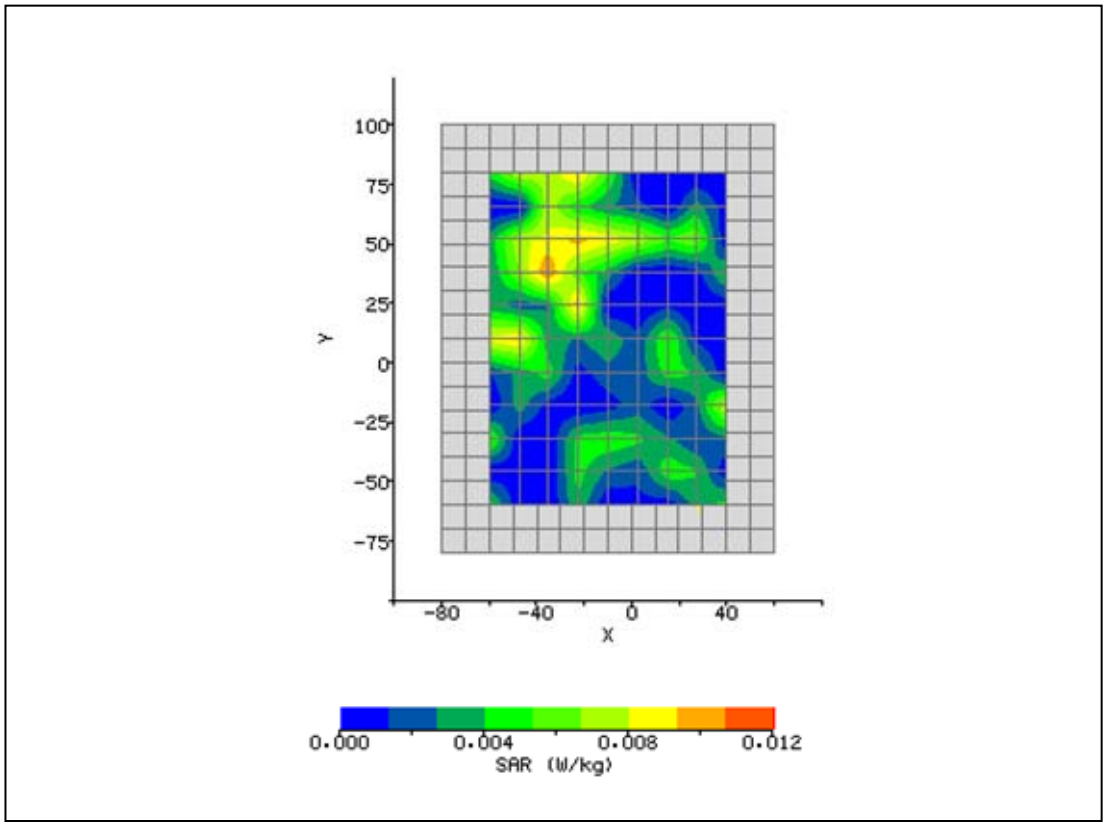
Plot 16: WCDMA FDD V, 836.6MHz, Right

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 3:17:15 PM		**DUT Battery Model/No:**	
Filename:	WCDMA836_Right.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	40.00 mm
DUT Position:	Side Right 10cm		**Max SAR Y-axis Location:**	24.18 mm
Antenna Configuration:	Integral		**Max E Field:**	3.71 V/m
Test Frequency:	WCDMA 836.6MHz		**SAR 1g:**	0.016 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.005 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	%
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



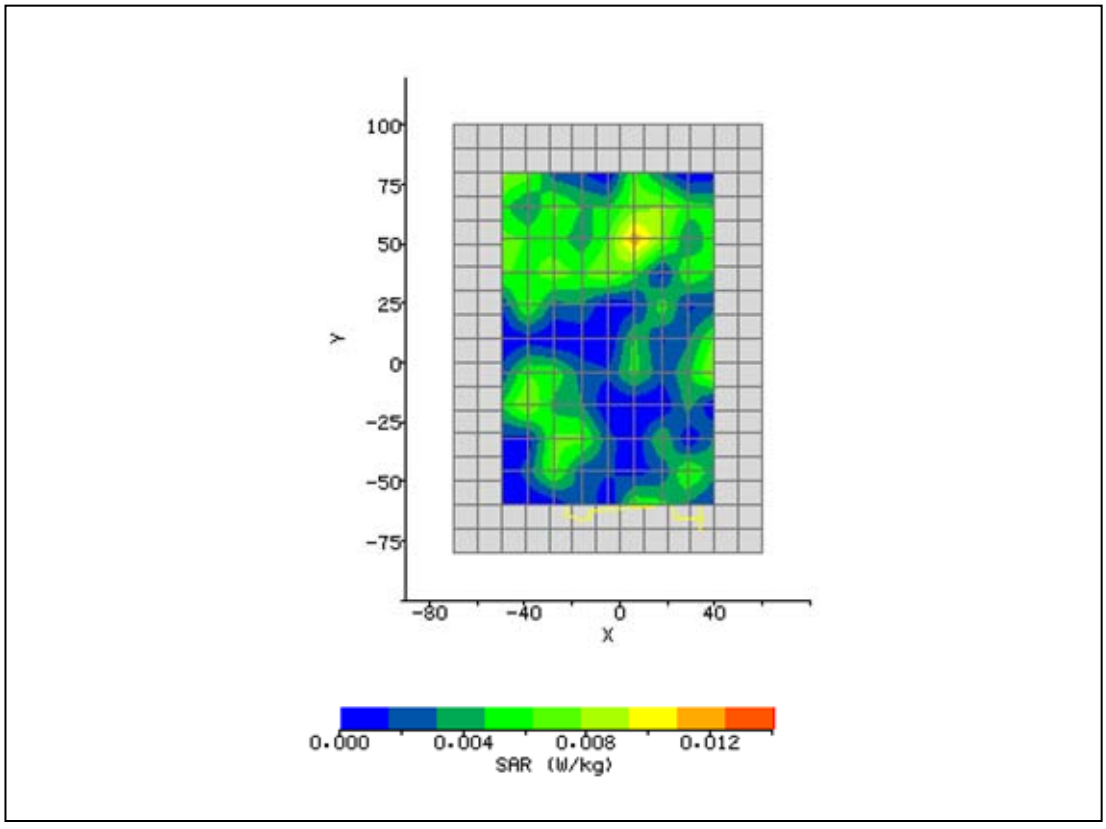
Plot 17: WCDMA FDD V, 836.6MHz, Front

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 4:40:54 PM		**DUT Battery Model/No:**	
Filename:	WCDMA836_Side Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-33.75 mm
DUT Position:	Side Bottom 10cm		**Max SAR Y-axis Location:**	45.00 mm
Antenna Configuration:	Integral		**Max E Field:**	3.51 V/m
Test Frequency:	WCDMA 836.6MHz		**SAR 1g:**	0.004 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.005 W/kg
Type of Modulation:			**SAR End:**	0.004 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-2.64 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



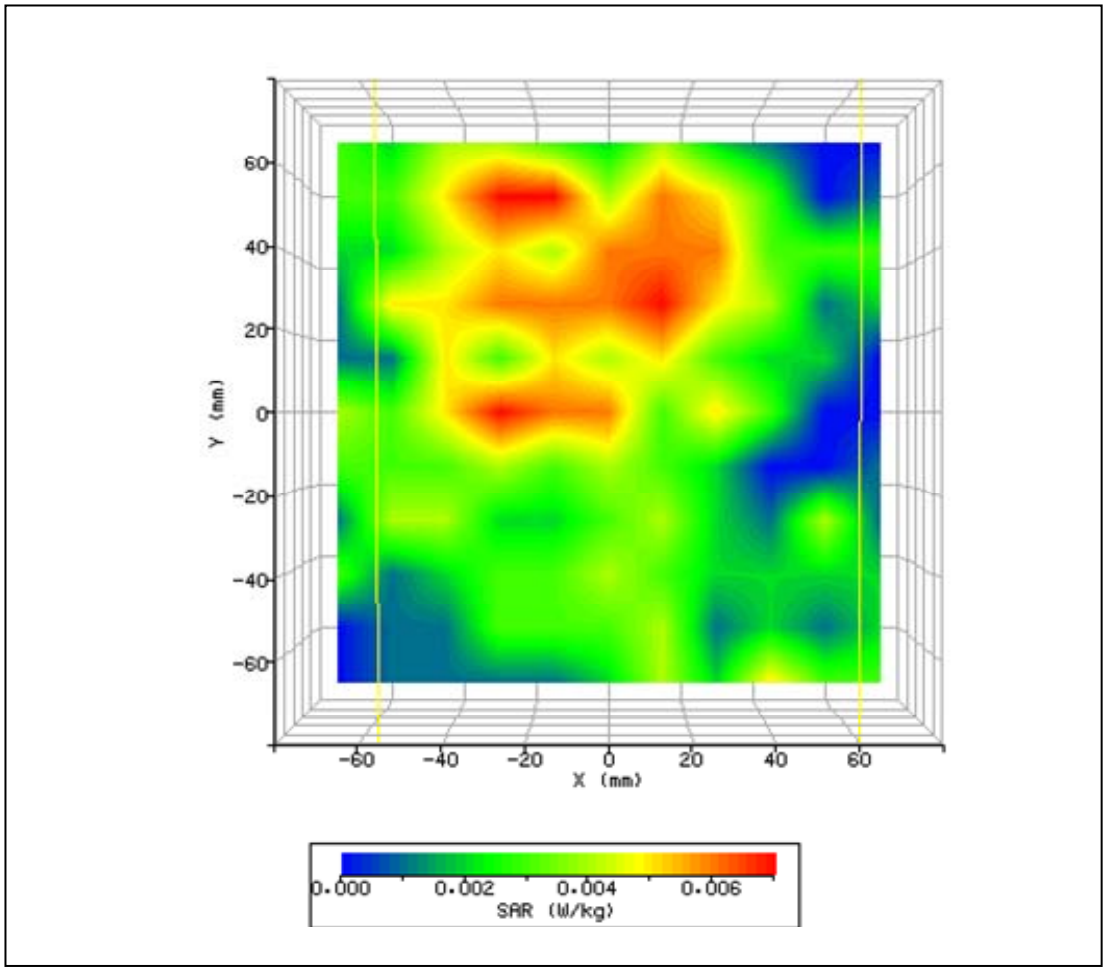
Plot 18: WCDMA FDD V, 836.6MHz, Rear

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 3:58:18 PM		**DUT Battery Model/No:**	
Filename:	WCDMA836_Side Top.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Hitachi SN: 15		**Relative Permittivity:**	54.13
Relative Humidity:	50.4%		**Conductivity:**	0.969
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	7.37 mm
DUT Position:	Side Top 10cm		**Max SAR Y-axis Location:**	54.80 mm
Antenna Configuration:	Integral		**Max E Field:**	3.59 V/m
Test Frequency:	WCDMA 836.6MHz		**SAR 1g:**	0.011 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	0.003 W/kg
Type of Modulation:			**SAR End:**	0.005 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	4.71 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



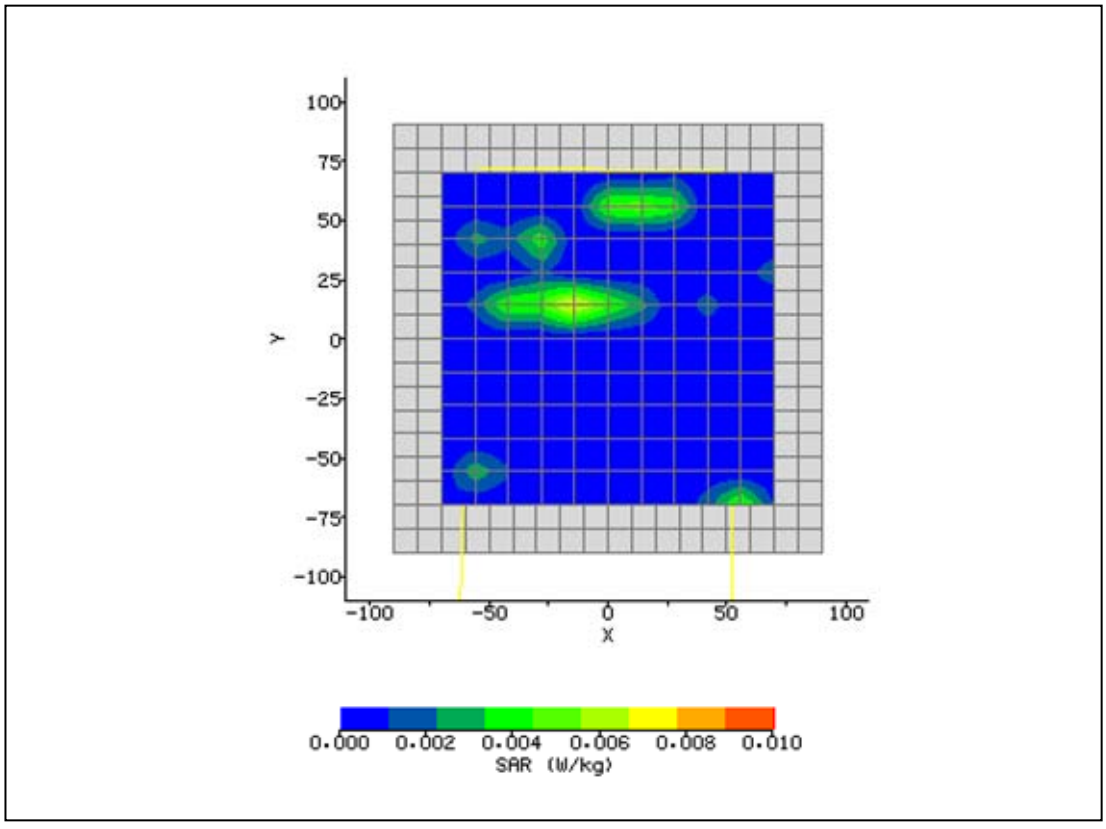
Plot 19: WCDMA FDD II, 1880MHz, Top

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 9:11:17 AM		**DUT Battery Model/No:**	
Filename:	WCDMA1880_Top.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	22.93 mm
DUT Position:	Top 10cm		**Max SAR Z-axis Location:**	-473.70 mm
Antenna Configuration:	Integral		**Max E Field:**	2.09 V/m
Test Frequency:	WCDMA1880MHz		**SAR 1g:**	0.010 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.00 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



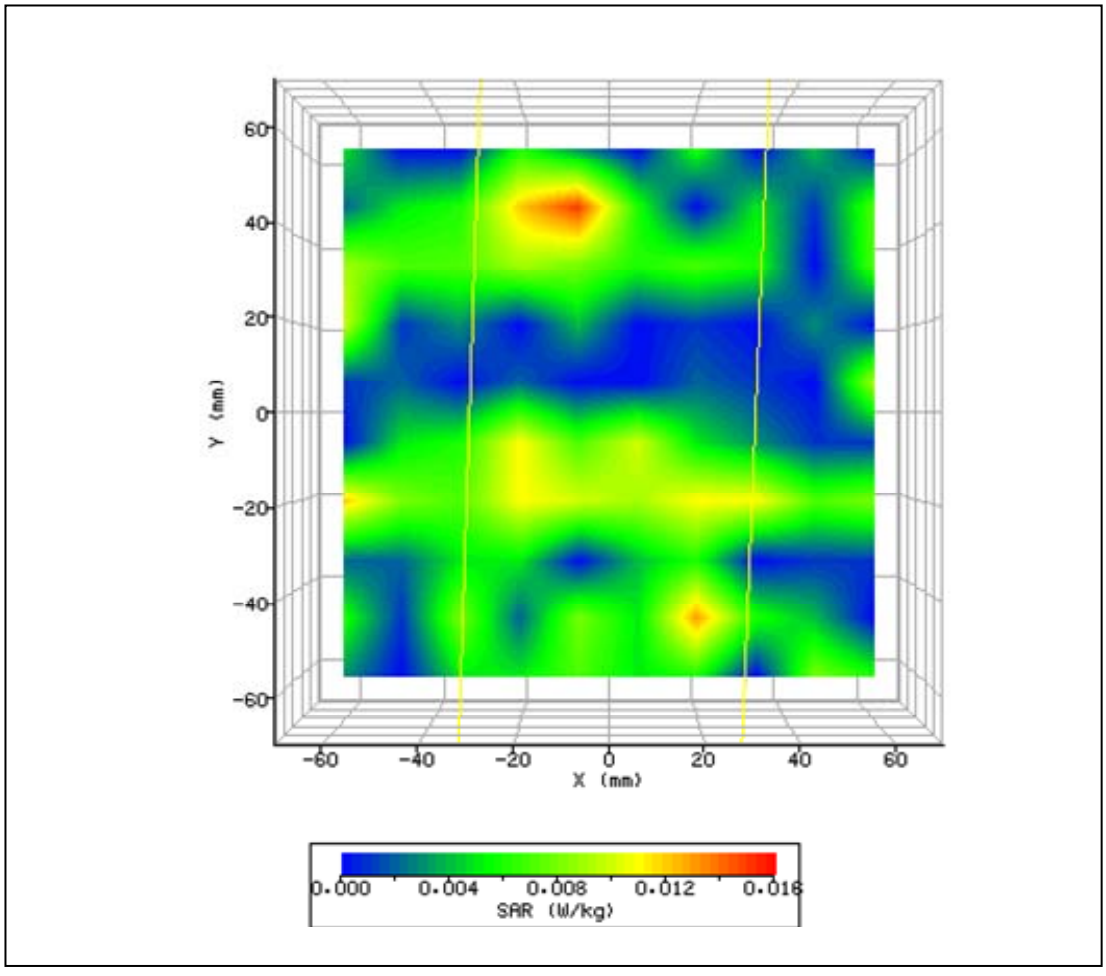
Plot 20: WCDMA FDD II, 1880MHz, Bottom

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 11:43:27 AM		**DUT Battery Model/No:**	
Filename:	WCDMA1880_Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 25		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	53.20 mm
DUT Position:	Bottom 10cm		**Max SAR Y-axis Location:**	-70.00 mm
Antenna Configuration:	Integral		**Max E Field:**	2.51 V/m
Test Frequency:	WCDMA 1880MHz		**SAR 1g:**	0.004 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.003 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	%
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



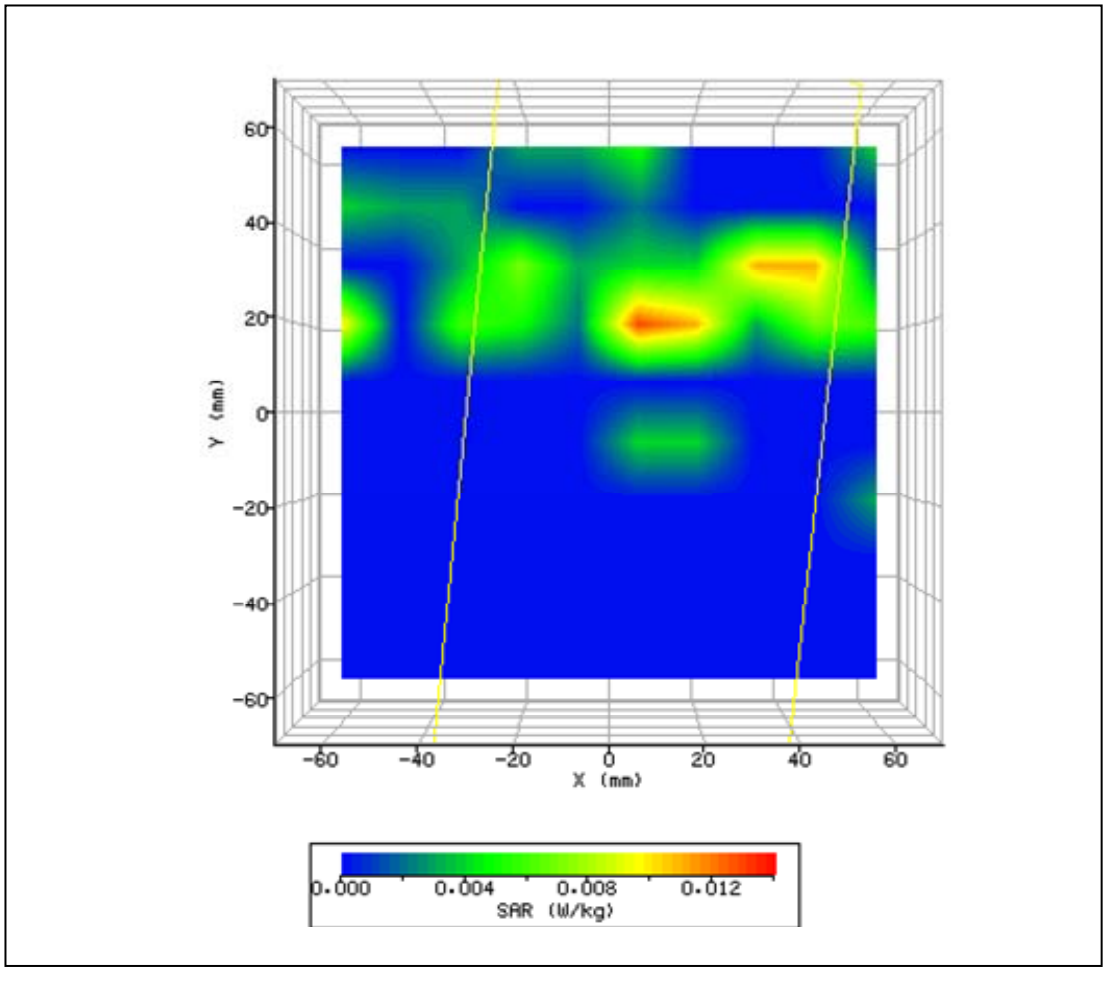
Plot 21: WCDMA FDD II, 1880MHz, Left

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 1:23:58 PM		**DUT Battery Model/No:**	
Filename:	WCDMA1880_Left.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	46.67 mm
DUT Position:	Left 10cm		**Max SAR Z-axis Location:**	-473.70 mm
Antenna Configuration:	Integral		**Max E Field:**	2.94 V/m
Test Frequency:	WCDMA1880MHz		**SAR 1g:**	0.009 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.00 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



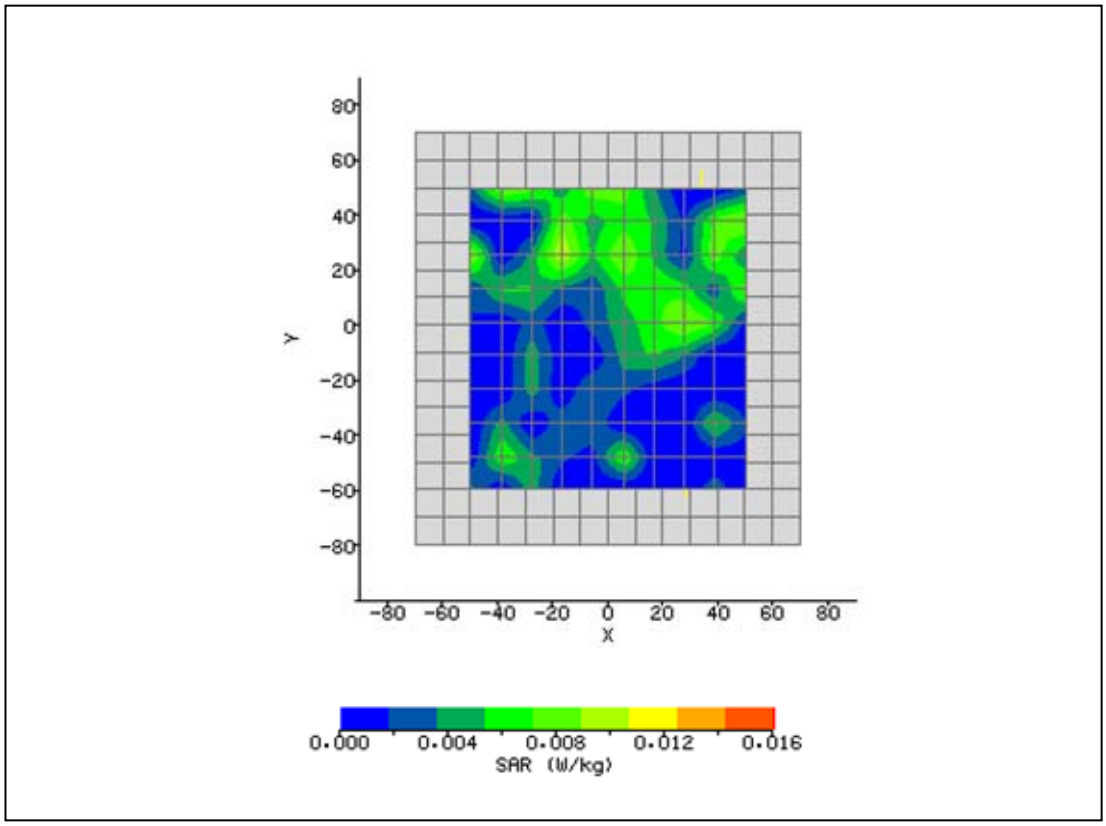
Plot 22: WCDMA FDD II, 1880MHz, Right

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 2:20:35 PM		**DUT Battery Model/No:**	
Filename:	WCDMA1880_Right.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	20.00 mm
DUT Position:	Right 10cm		**Max SAR Z-axis Location:**	-473.70 mm
Antenna Configuration:	Integral		**Max E Field:**	2.85 V/m
Test Frequency:	WCDMA1880MHz		**SAR 1g:**	0.018 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.001 W/kg
Type of Modulation:			**SAR End:**	0.002 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	2.78 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



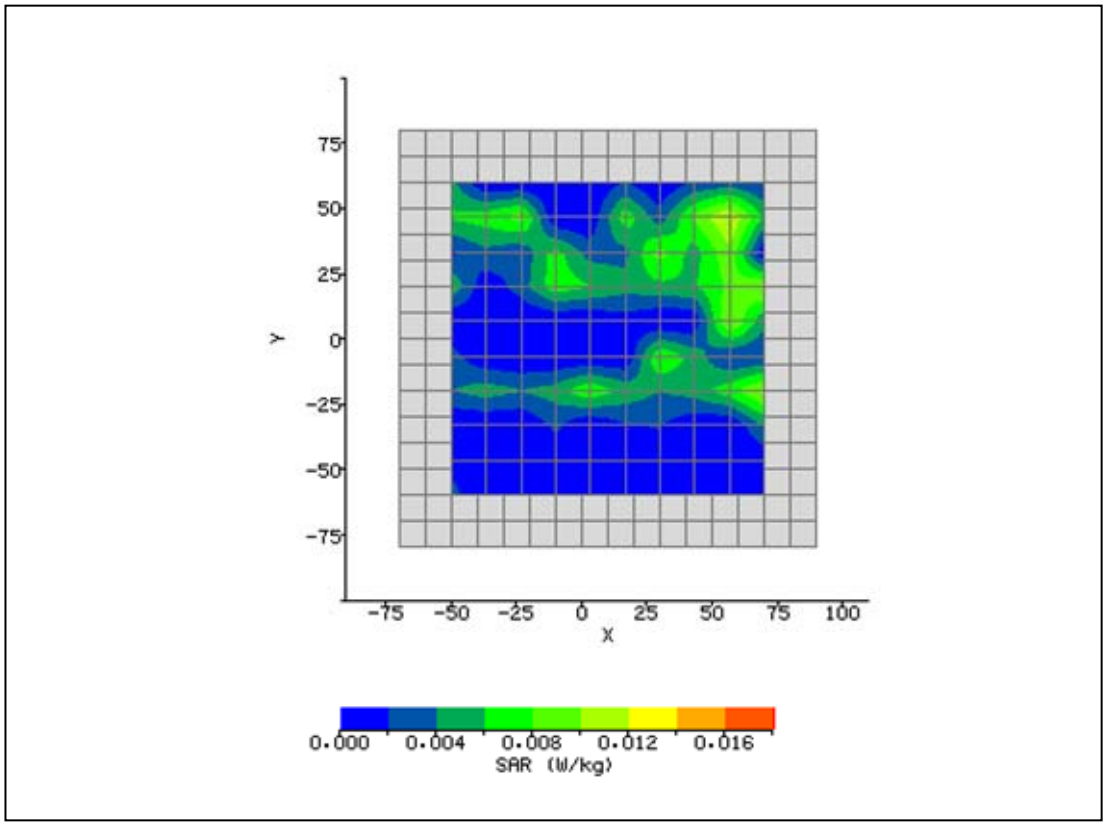
Plot 23: WCDMA FDD II, 1880MHz, Front

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 3:57:20 PM		**DUT Battery Model/No:**	
Filename:	WCDMA1880_Side Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	-33.33 mm
DUT Position:	Side Bottom 10cm		**Max SAR Y-axis Location:**	50.00 mm
Antenna Configuration:	Integral		**Max E Field:**	3.00 V/m
Test Frequency:	WCDMA1880MHz		**SAR 1g:**	0.014 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.003 W/kg
Type of Modulation:			**SAR End:**	0.005 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	3.09 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



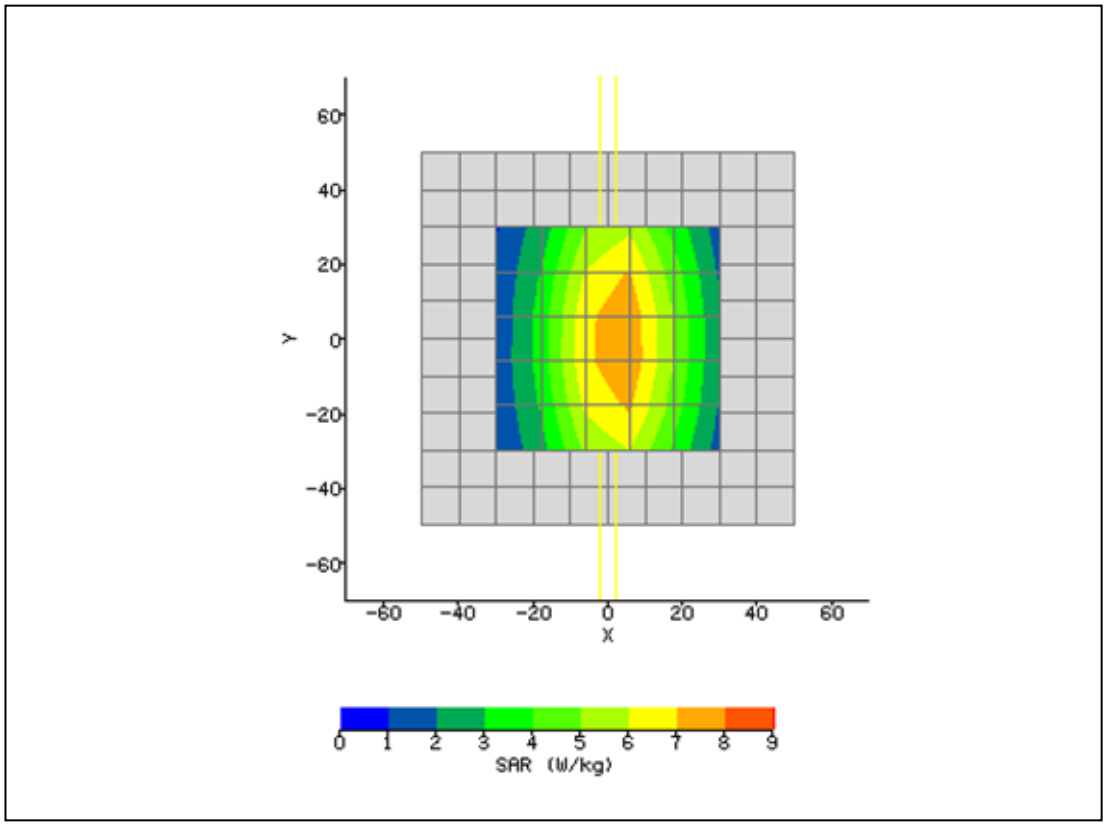
Plot 24: WCDMA FDD II, 1880MHz, Rear

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 2:50:19 PM		**DUT Battery Model/No:**	
Filename:	WCDMA1880_Side Top.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	Hitachi SN: 31		**Relative Permittivity:**	51.4
Relative Humidity:	50.4%		**Conductivity:**	1.552
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	51.33 mm
DUT Position:	Side Top 10cm		**Max SAR Y-axis Location:**	41.33 mm
Antenna Configuration:	Integral		**Max E Field:**	3.23 V/m
Test Frequency:	WCDMA 1880MHz		**SAR 1g:**	0.017 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	0.003 W/kg
Type of Modulation:			**SAR End:**	0.003 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	3.46 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	TPC bits all 1		**Extrapolation:**	poly4



Plot 25: 835MHz Validation

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/27/2010 9:34:10 AM		**DUT Battery Model/No:**	
Filename:	GSM1880_Bottom.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	850
Device Under Test:	Systsem		**Relative Permittivity:**	54.15
Relative Humidity:	50.4%		**Conductivity:**	0.963
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	21°C
Phantom Rotation:	180°		**Max SAR X-axis Location:**	3.60 mm
DUT Position:	15mm		**Max SAR Y-axis Location:**	-1.20 mm
Antenna Configuration:	Dipole		**Max E Field:**	91.29 V/m
Test Frequency:	835MHz		**SAR 1g:**	8.884 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.24 / 0.27 / 0.26		**SAR Start:**	2.287 W/kg
Type of Modulation:			**SAR End:**	2.282 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.19 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/20/10
Input Power Level:	1W		**Extrapolation:**	poly4



Plot 26: 1880MHz Validation

System / software:	SARA2 / 2.54 VPM coloc		**Input Power Drift:**	
Date / Time:	9/28/2010 8:23:13 AM		**DUT Battery Model/No:**	
Filename:	GSM836_Right.txt		**Probe Serial Number:**	0116
Ambient Temperature:	20.6°C		**Liquid Simulant:**	1900
Device Under Test:	System		**Relative Permittivity:**	51.09
Relative Humidity:	50.4%		**Conductivity:**	1.554
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:**	-3.60 mm
Antenna Configuration:	Dipole		**Max E Field:**	144.83 V/m
Test Frequency:	1900MHz		**SAR 1g:**	40.749 W/kg
Air Factors:	936.77 / 700.45 / 673.31		**SAR 10g:**	
Conversion Factors:	0.34 / 0.33 / 0.35		**SAR Start:**	5.720 W/kg
Type of Modulation:			**SAR End:**	5.725 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.09 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	09/28/10
Input Power Level:	1W		**Extrapolation:**	poly4