

SAR Test Report No.:

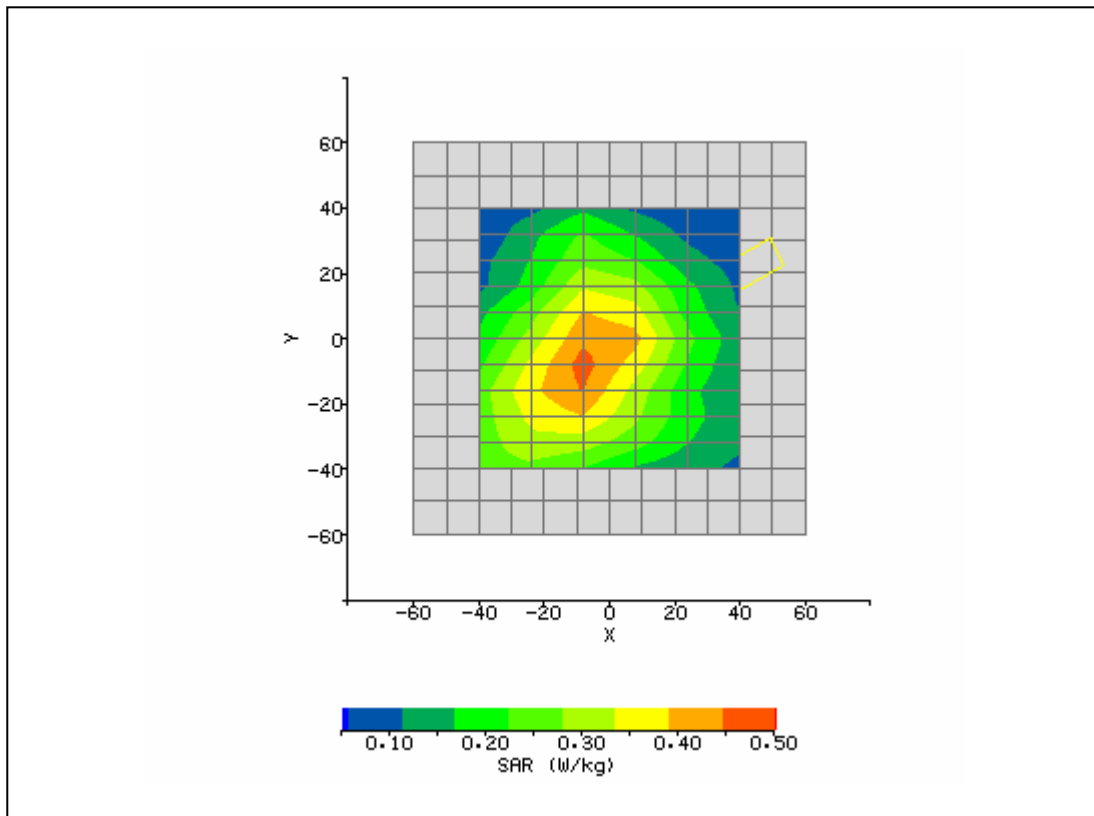
SAR_NOVAT_042_07002_MC950D_FCC

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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/1/2007 1:41:32 PM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	850
Device Under Test:	Novatel MC950D	Relative Permittivity:	55.92
Relative Humidity:	30%	Conductivity:	0.975
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	-8.00 mm
DUT Position:	Lap 15mm	Max SAR Y-axis Location:	-8.80 mm
Antenna Configuration:	Integral	Max E Field:	22.56 V/m
Test Frequency:	826.4MHz	SAR 1g:	0.759 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.355 / .355 / .355	SAR Start:	0.209 W/kg
Type of Modulation:		SAR End:	0.210 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.48 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	8/01/2007
Input Power Level:	TPC set to 1's	Extrapolation:	poly4



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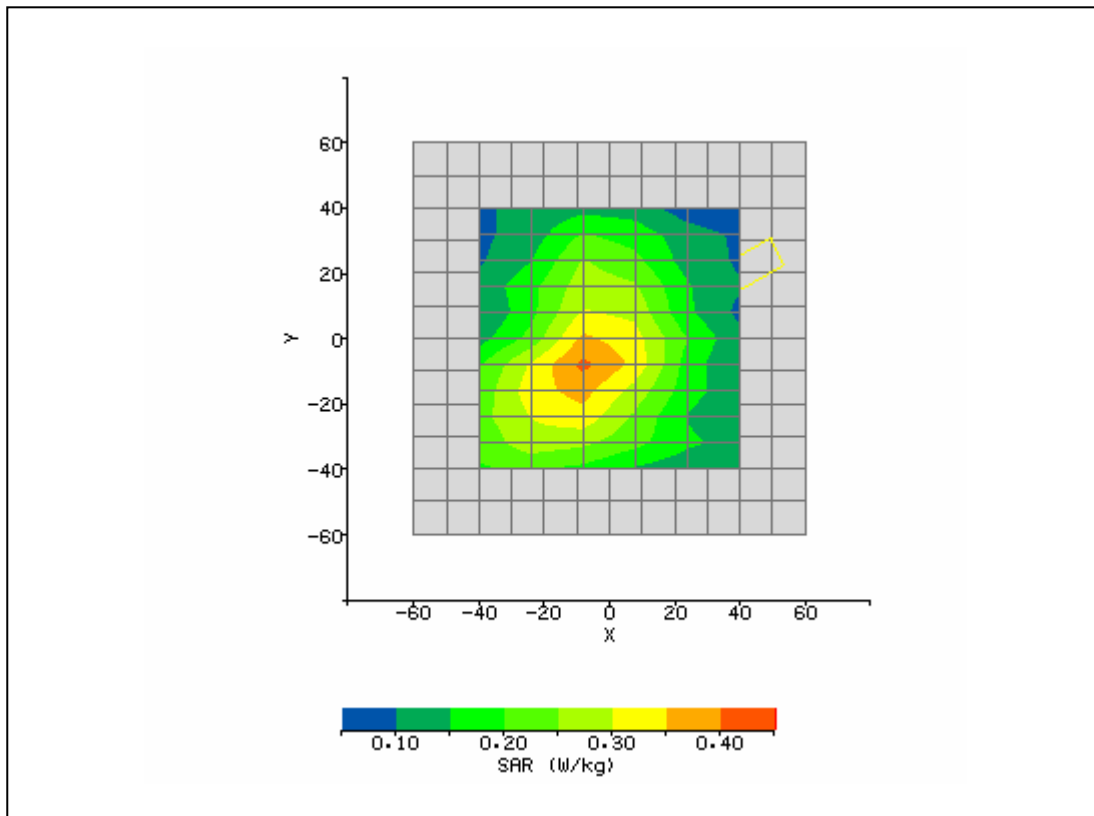
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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/1/2007 1:56:25 PM	DUT Battery Model/No:	
Filename:	HSUPA_Lap_4132_3d.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	850
Device Under Test:	Novatel MC950D	Relative Permittivity:	55.68
Relative Humidity:	30%	Conductivity:	0.987
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	-6.40 mm
DUT Position:	Lap 15mm	Max SAR Y-axis Location:	-8.80 mm
Antenna Configuration:	Integral	Max E Field:	20.34 V/m
Test Frequency:	835MHz	SAR 1g:	0.658 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.355 / .355 / .355	SAR Start:	0.181 W/kg
Type of Modulation:		SAR End:	0.185 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	2.20 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	8/01/2007
Input Power Level:	TPC set to 1's	Extrapolation:	poly4



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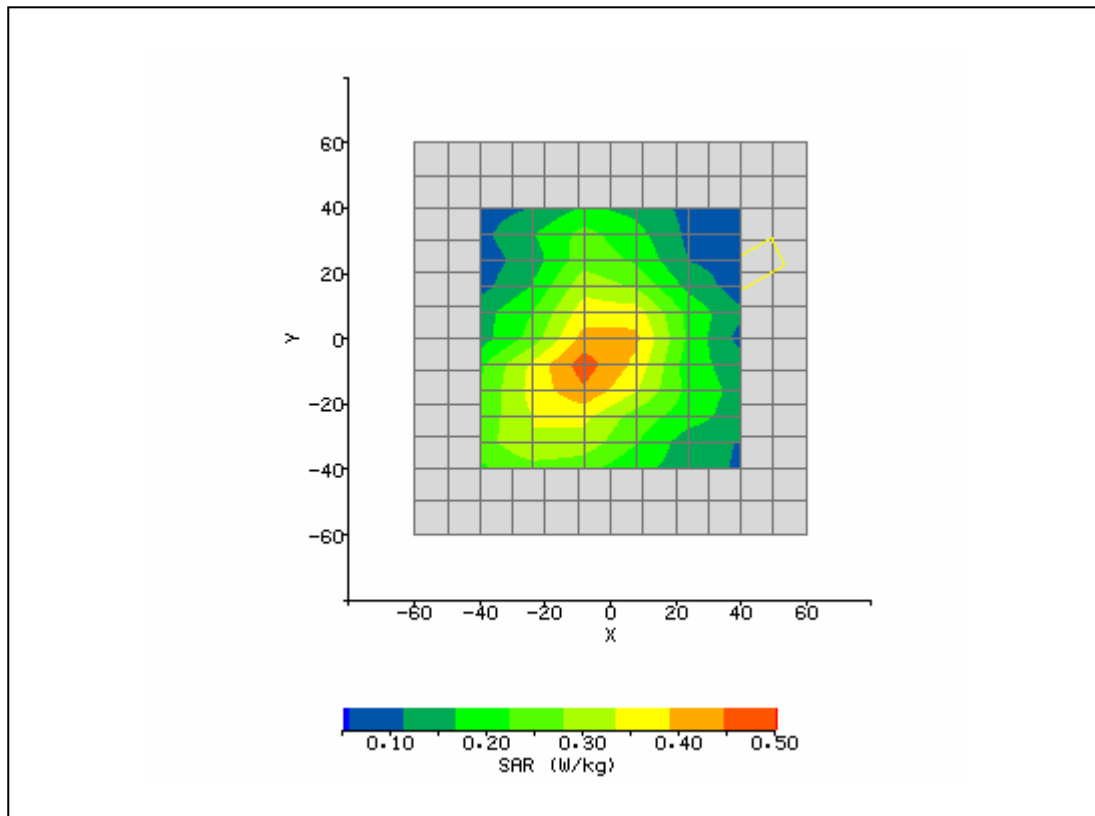
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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/1/2007 2:09:23 PM	DUT Battery Model/No:	
Filename:	HSUPA_Lap_4175_3d.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	850
Device Under Test:	Novatel MC950D	Relative Permittivity:	55.26
Relative Humidity:	30%	Conductivity:	0.984
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	-6.40 mm
DUT Position:	Lap 15mm	Max SAR Y-axis Location:	-8.80 mm
Antenna Configuration:	Integral	Max E Field:	21.39 V/m
Test Frequency:	846.6MHz	SAR 1g:	0.762 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.355 / .355 / .355	SAR Start:	0.188 W/kg
Type of Modulation:		SAR End:	0.197 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	4.79 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	8/01/2007
Input Power Level:	TPC set to 1's	Extrapolation:	poly4



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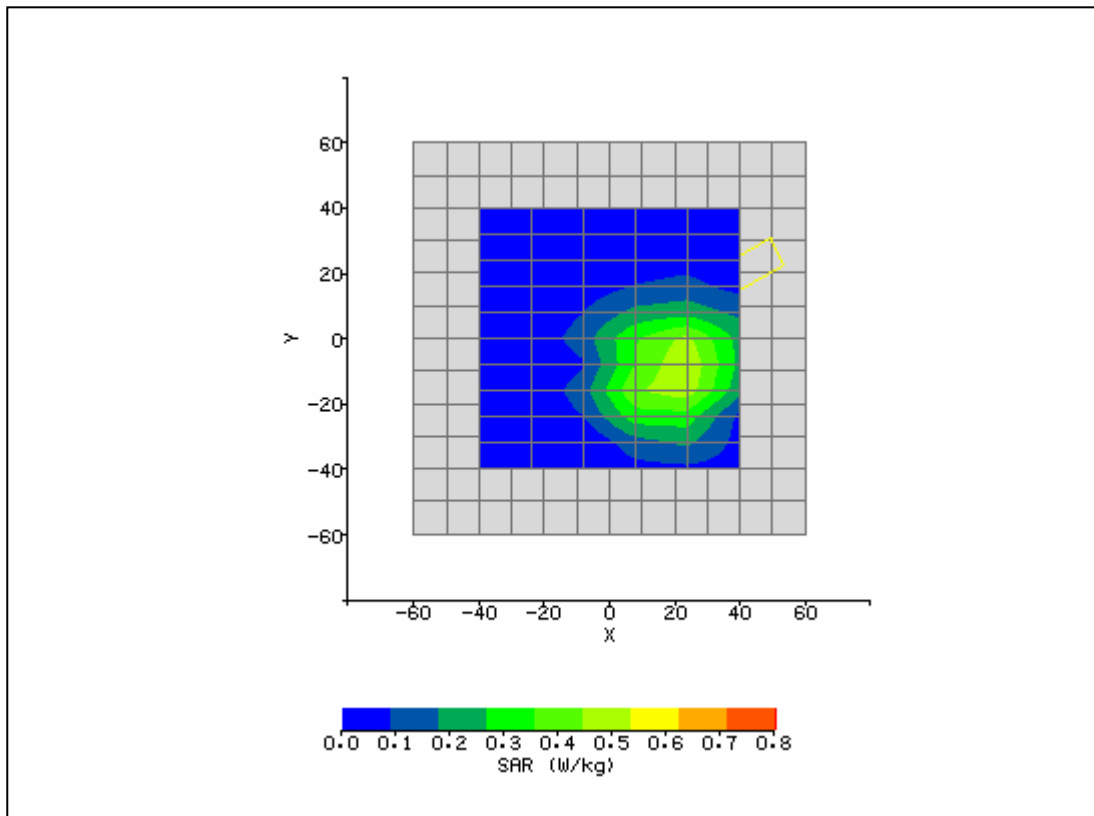
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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/1/2007 10:52:01 AM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	1900
Device Under Test:	Novatel MC950D	Relative Permittivity:	50.28
Relative Humidity:	30%	Conductivity:	1.567
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	19.20 mm
DUT Position:	Lap 15mm	Max SAR Y-axis Location:	-11.20 mm
Antenna Configuration:	Integral	Max E Field:	21.29 V/m
Test Frequency:	1852.4MHz	SAR 1g:	0.807 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.489 / .489 / .489	SAR Start:	0.110 W/kg
Type of Modulation:		SAR End:	0.111 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.91 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	8/01/2007
Input Power Level:	TPC set to 1's	Extrapolation:	poly4



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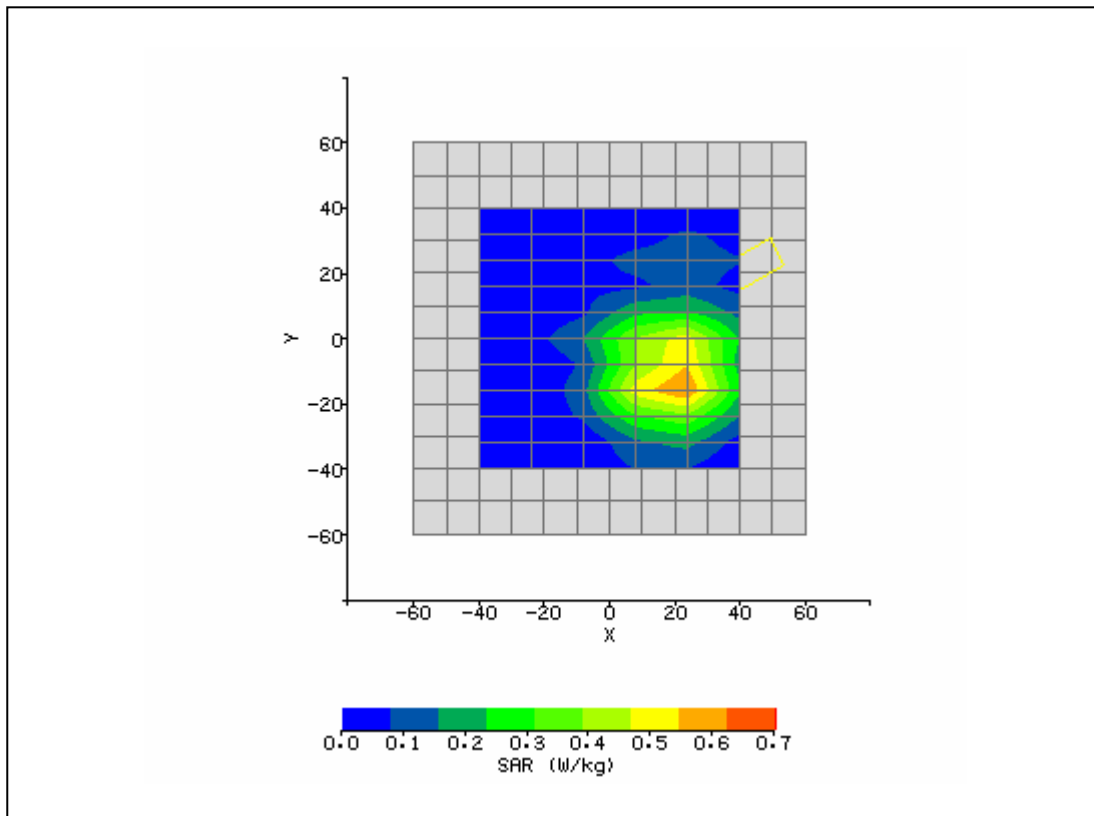
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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/1/2007 11:17:02 AM	DUT Battery Model/No:	
Filename:	HSUPA_Lap_9262_3d.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	1900
Device Under Test:	Novatel MC950D	Relative Permittivity:	49.24
Relative Humidity:	30%	Conductivity:	1.569
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	17.60 mm
DUT Position:	Lap 15mm	Max SAR Y-axis Location:	-13.60 mm
Antenna Configuration:	Integral	Max E Field:	20.15 V/m
Test Frequency:	1880MHz	SAR 1g:	0.714 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.489 / .489 / .489	SAR Start:	0.122 W/kg
Type of Modulation:		SAR End:	0.124 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	1.64 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	8/01/2007
Input Power Level:	TPC set to 1's	Extrapolation:	poly4



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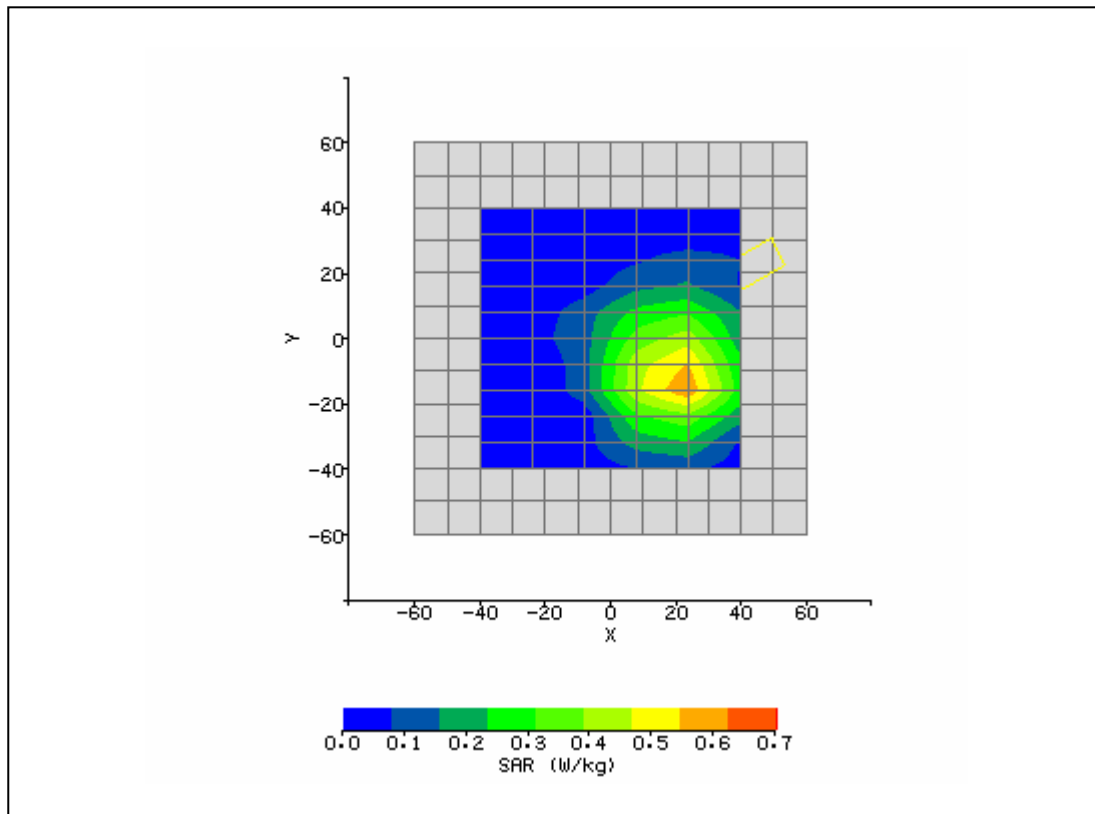
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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/1/2007 11:30:50 AM	DUT Battery Model/No:	
Filename:	HSUPA_Lap_9400_3d.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	1900
Device Under Test:	Novatel MC950D	Relative Permittivity:	53.08
Relative Humidity:	30%	Conductivity:	1.578
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	19.20 mm
DUT Position:	Lap 15mm	Max SAR Y-axis Location:	-12.80 mm
Antenna Configuration:	Integral	Max E Field:	20.03 V/m
Test Frequency:	1907.5MHz	SAR 1g:	0.747 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.489 / .489 / .489	SAR Start:	0.094 W/kg
Type of Modulation:		SAR End:	0.096 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	2.13 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	8/01/2007
Input Power Level:	TPC set to 1's	Extrapolation:	poly4



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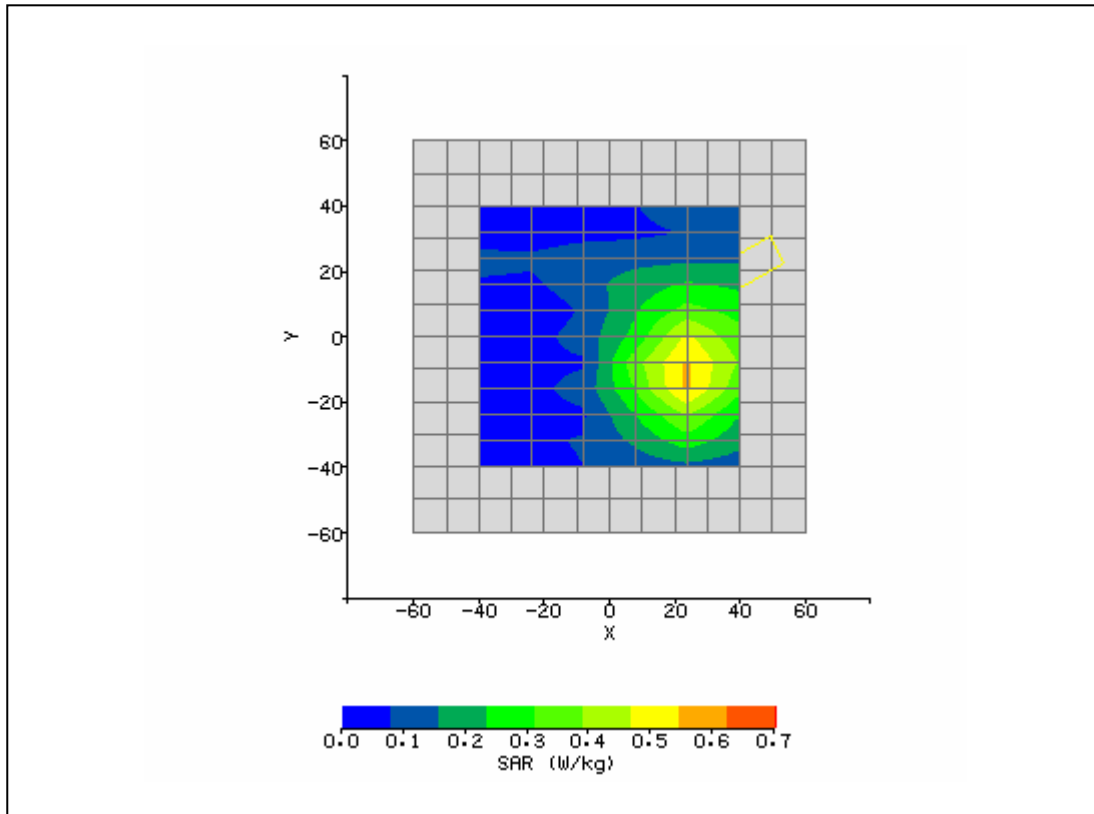
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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/1/2007 9:41:15 AM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	1900
Device Under Test:	Novatel MC950D	Relative Permittivity:	50.28
Relative Humidity:	30%	Conductivity:	1.567
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	22.40 mm
DUT Position:	Lap 15mm	Max SAR Y-axis Location:	-10.40 mm
Antenna Configuration:	Integral	Max E Field:	19.97 V/m
Test Frequency:	1852.4MHz	SAR 1g:	0.792 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.489 / .489 / .489	SAR Start:	0.146 W/kg
Type of Modulation:		SAR End:	0.153 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	4.63 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	08/01/2007
Input Power Level:	TPC set to 1's	Extrapolation:	poly4



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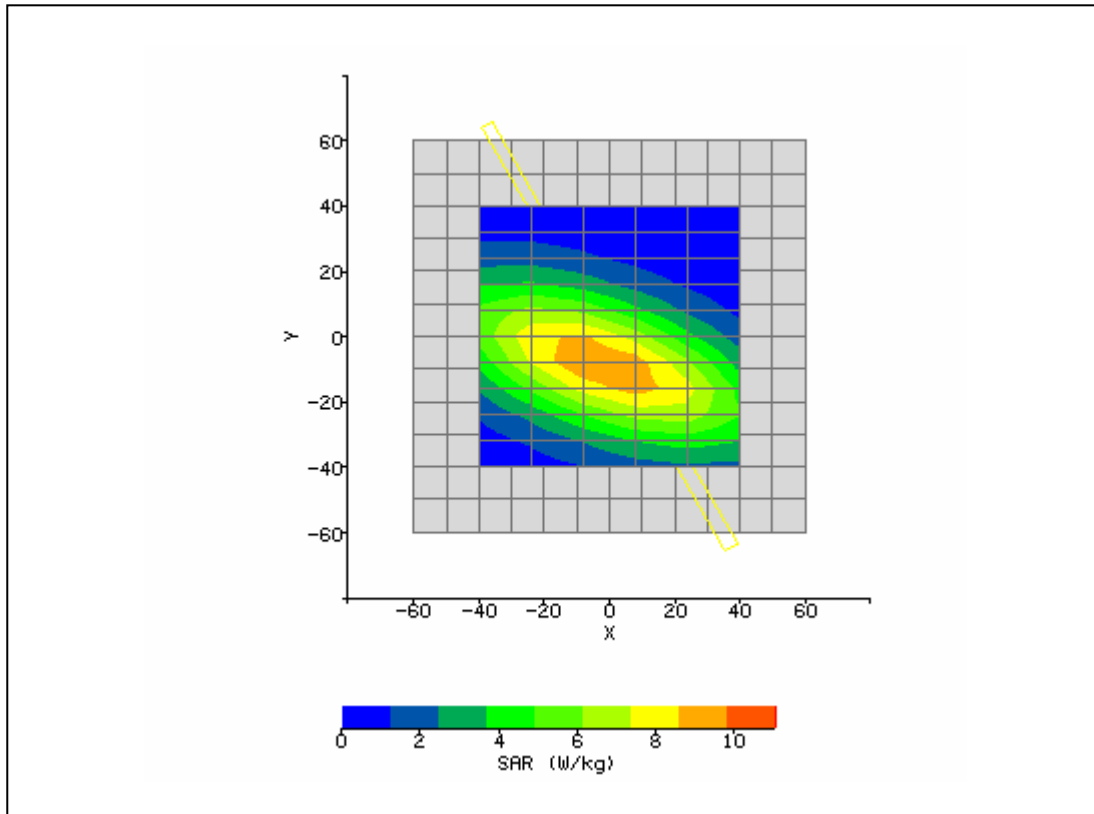
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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/01/2007 08:10:18 AM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	850
Device Under Test:	Probe	Relative Permittivity:	41.87
Relative Humidity:	30%	Conductivity:	0.946
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	-1.60 mm
DUT Position:	8mm.	Max SAR Y-axis Location:	-8.80 mm
Antenna Configuration:	835 Dipole	Max E Field:	103.35 V/m
Test Frequency:	835MHz	SAR 1g:	11.386 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.360 / .360 / .360	SAR Start:	2.480 W/kg
Type of Modulation:		SAR End:	2.515 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	1.42 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	08/01/2007
Input Power Level:	1W	Extrapolation:	poly4



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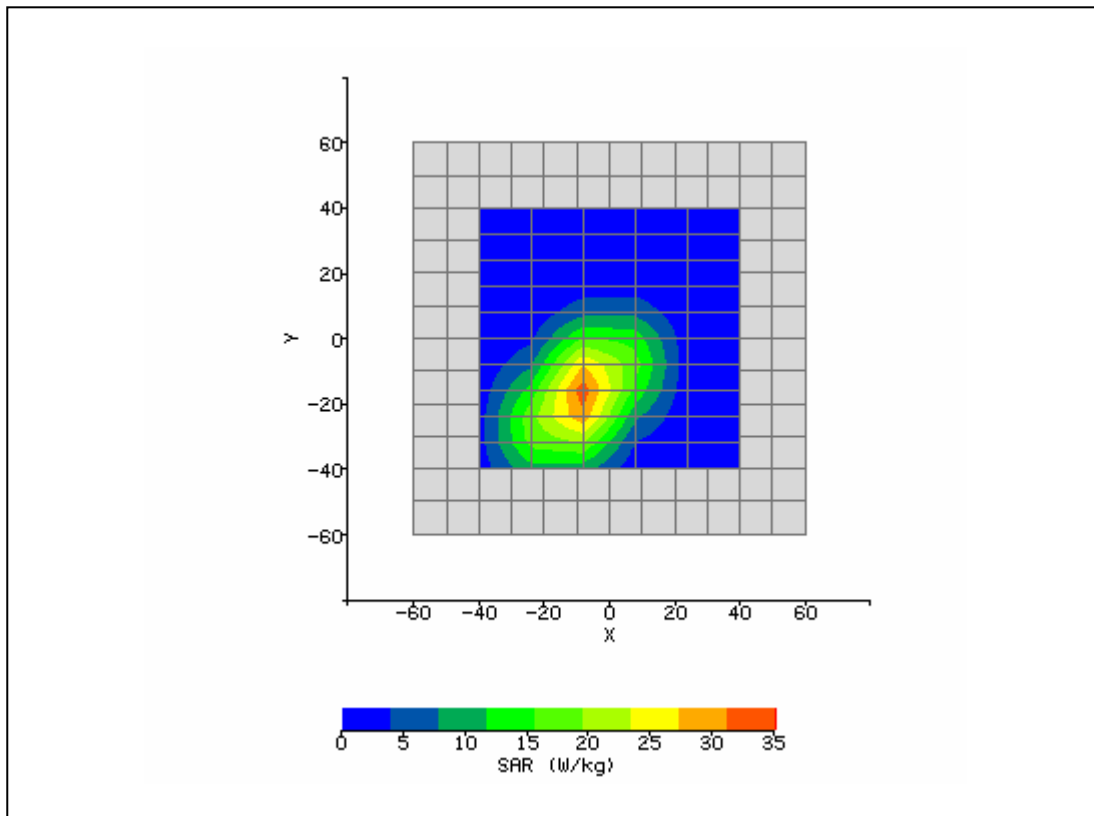
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System / software:	SARA2 / 2.40 VPM	Input Power Drift:	
Date / Time:	8/01/2007 2:36:38 PM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	M0024
Ambient Temperature:	22.8°C	Liquid Simulant:	1900
Device Under Test:	Probe	Relative Permittivity:	41.29
Relative Humidity:	30%	Conductivity:	1.4
Phantom S/No:	HeadBox2.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR X-axis Location:	-8.00 mm
DUT Position:	8mm.	Max SAR Y-axis Location:	-17.60 mm
Antenna Configuration:	1900 Dipole	Max E Field:	155.43 V/m
Test Frequency:	1900MHz	SAR 1g:	39.173 W/kg
Air Factors:	2685 / 2277 / 2238	SAR 10g:	
Conversion Factors:	.501 / .501 / .501	SAR Start:	4.952 W/kg
Type of Modulation:		SAR End:	5.045 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	1.90 %
Diode Compression Factors (V*200):	20 / 20 / 20	Probe battery last changed:	08/01/2007
Input Power Level:	1W	Extrapolation:	poly4



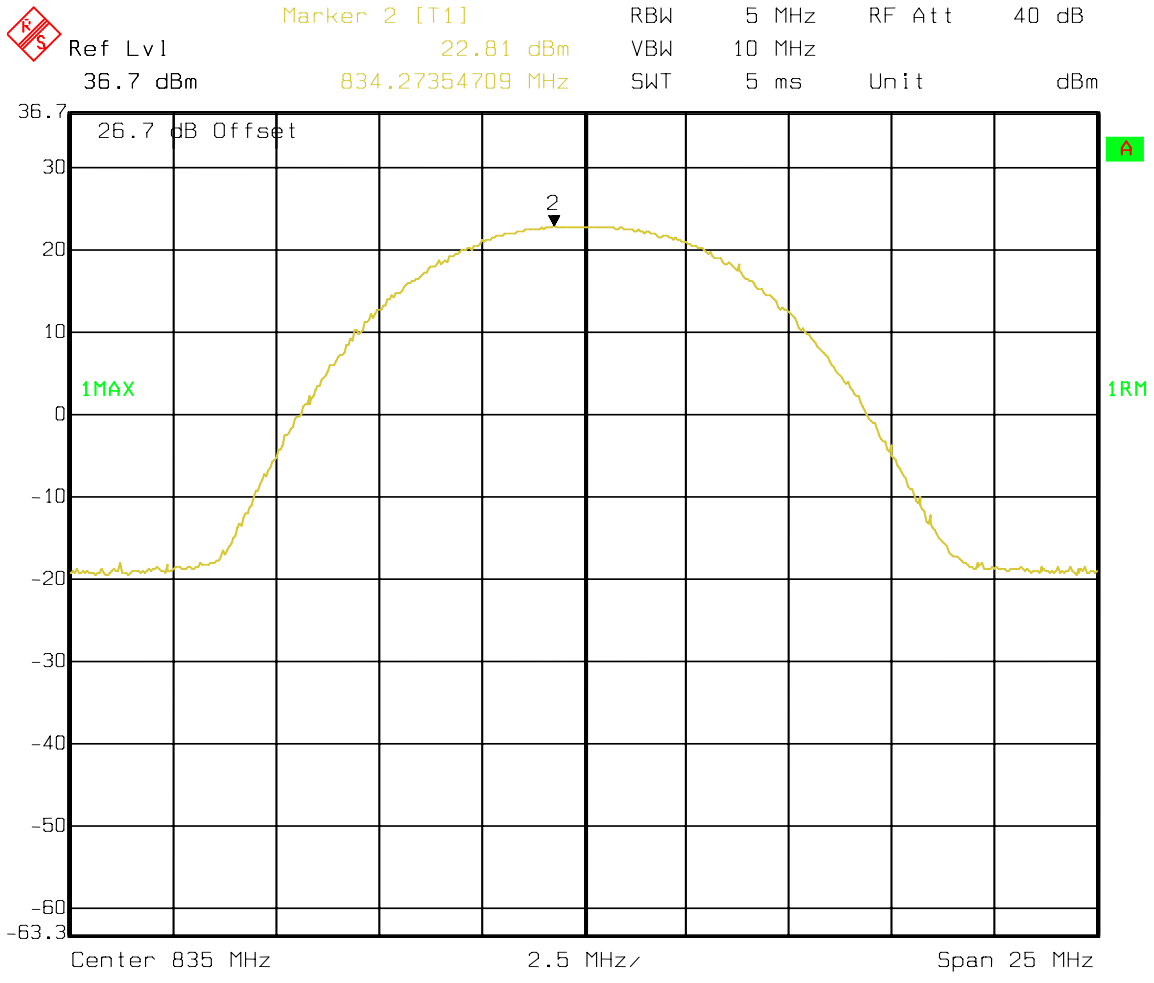
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Date: 02.AUG.2007 12:07:22

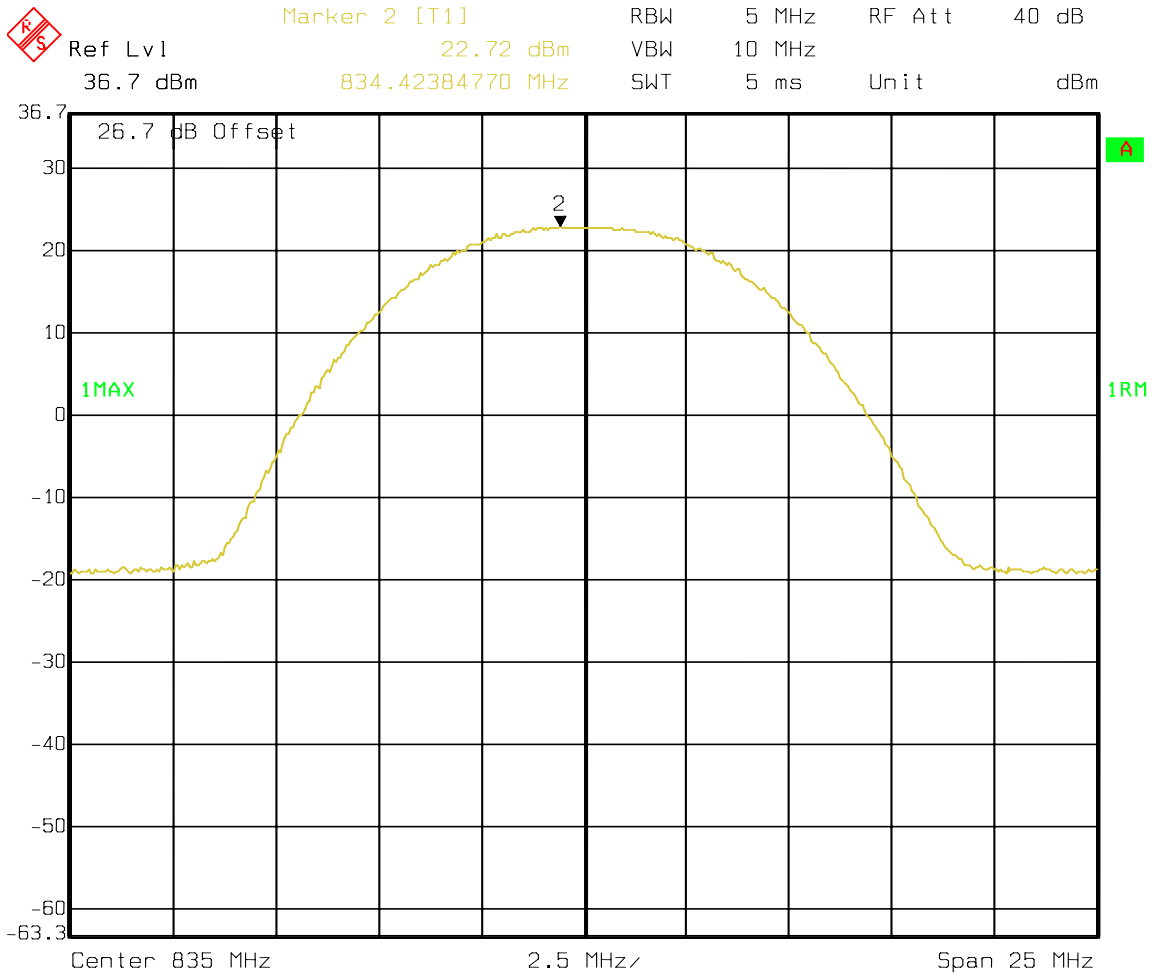
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Date: 02.AUG.2007 12:09:41

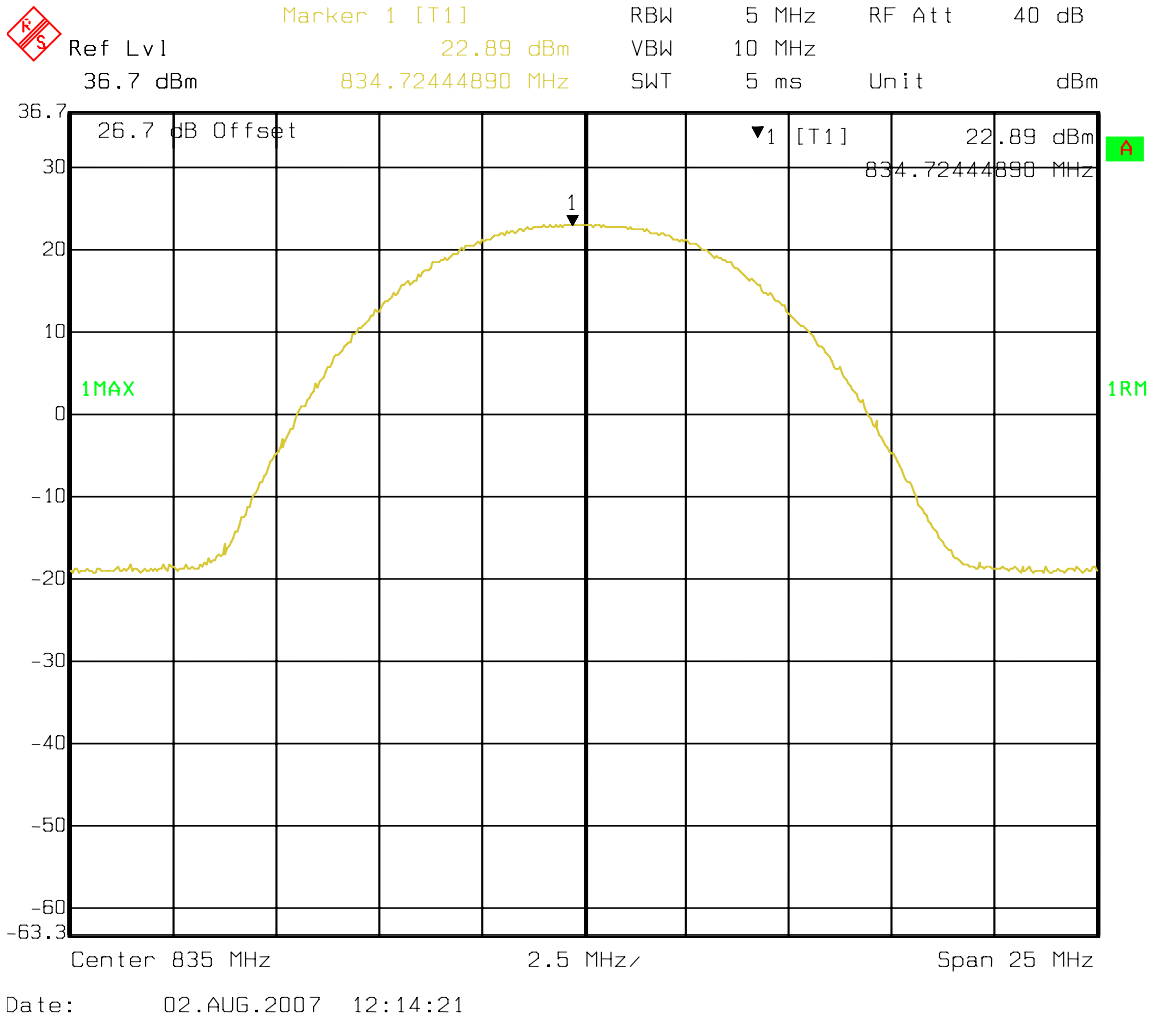
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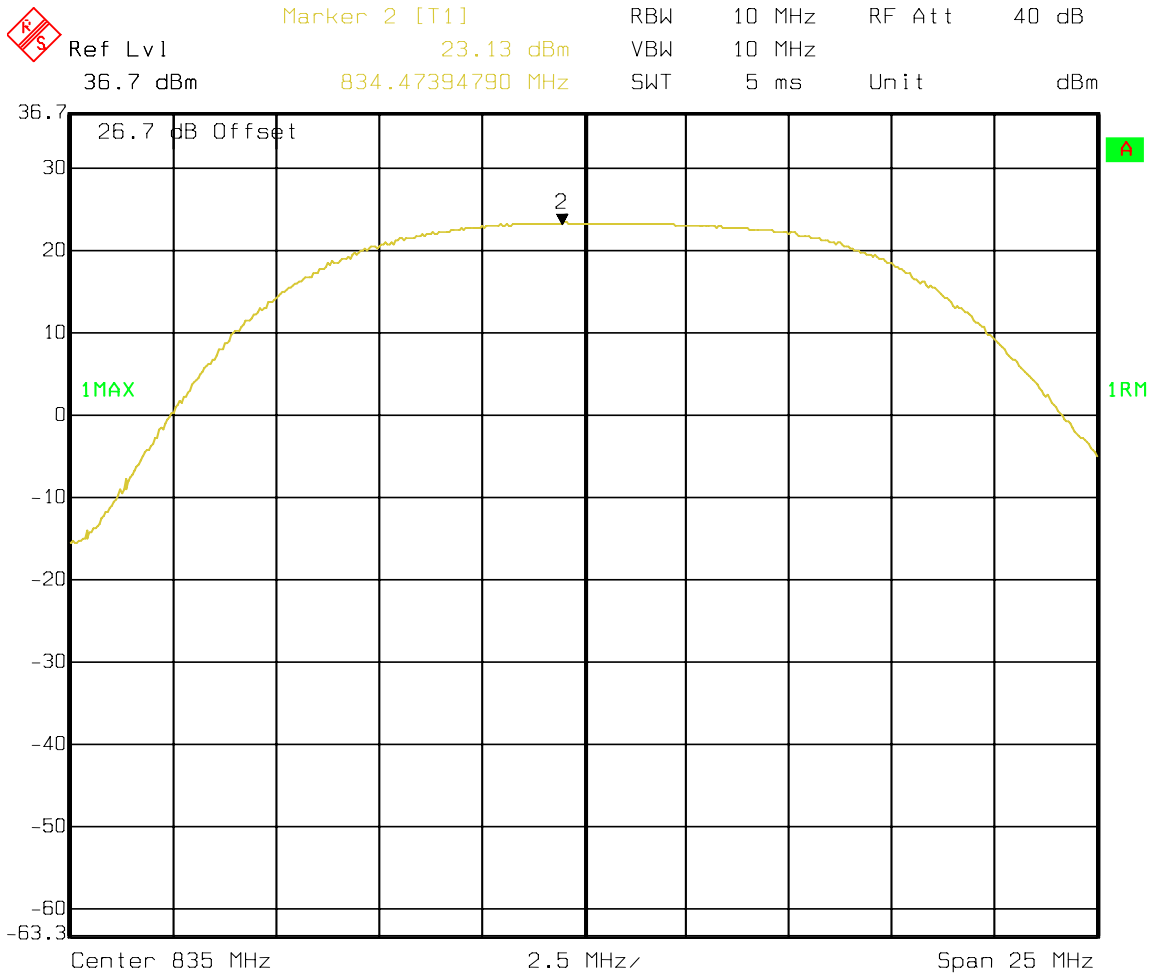
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Date: 02.AUG.2007 12:06:53

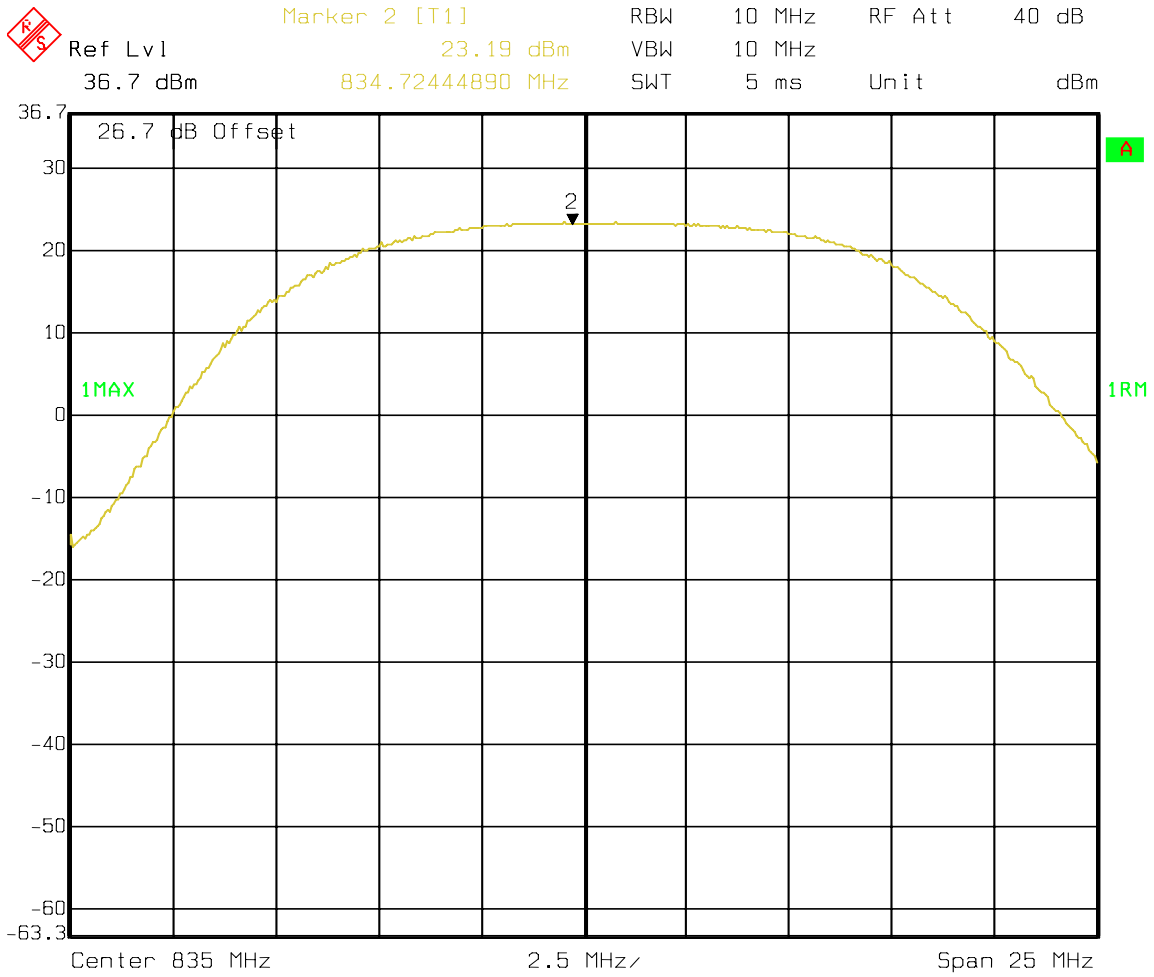
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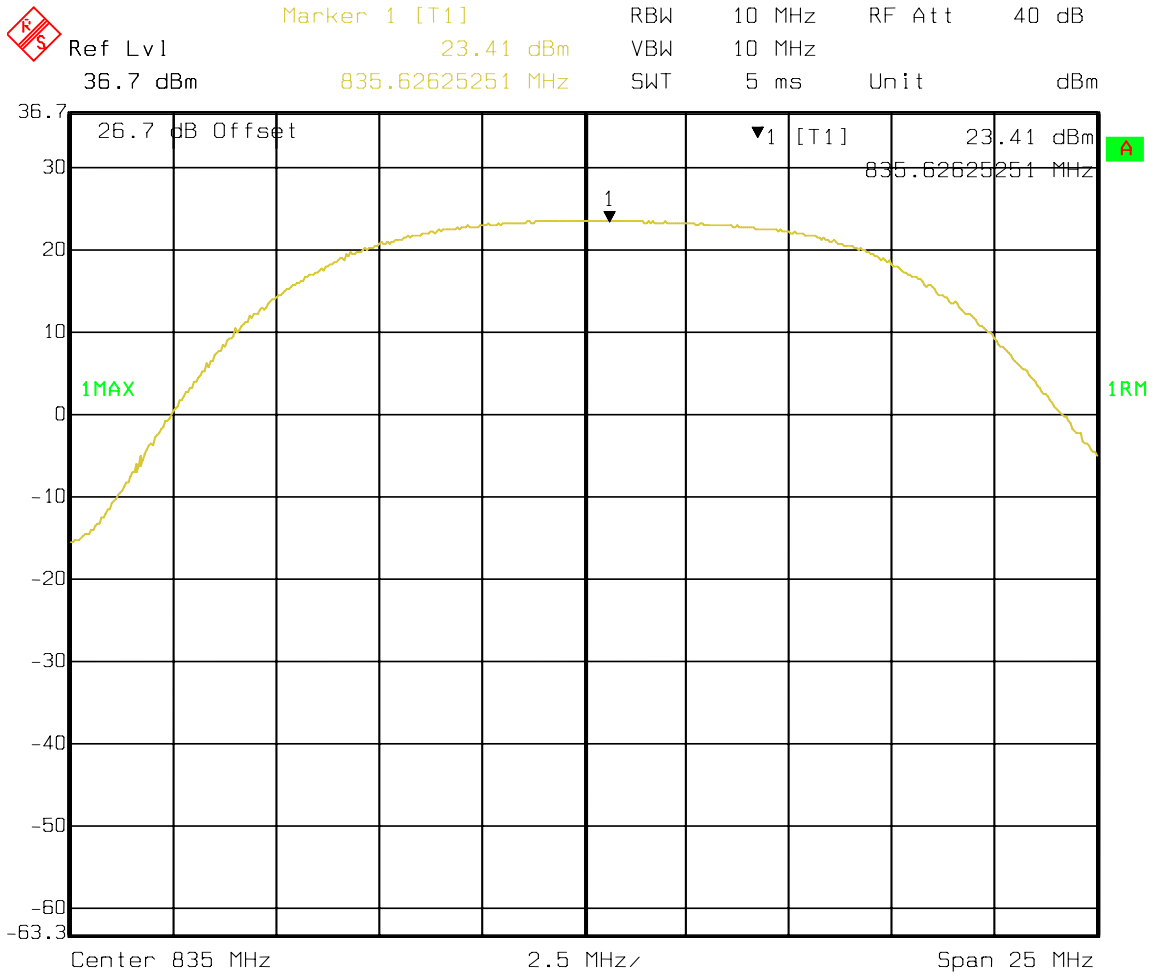
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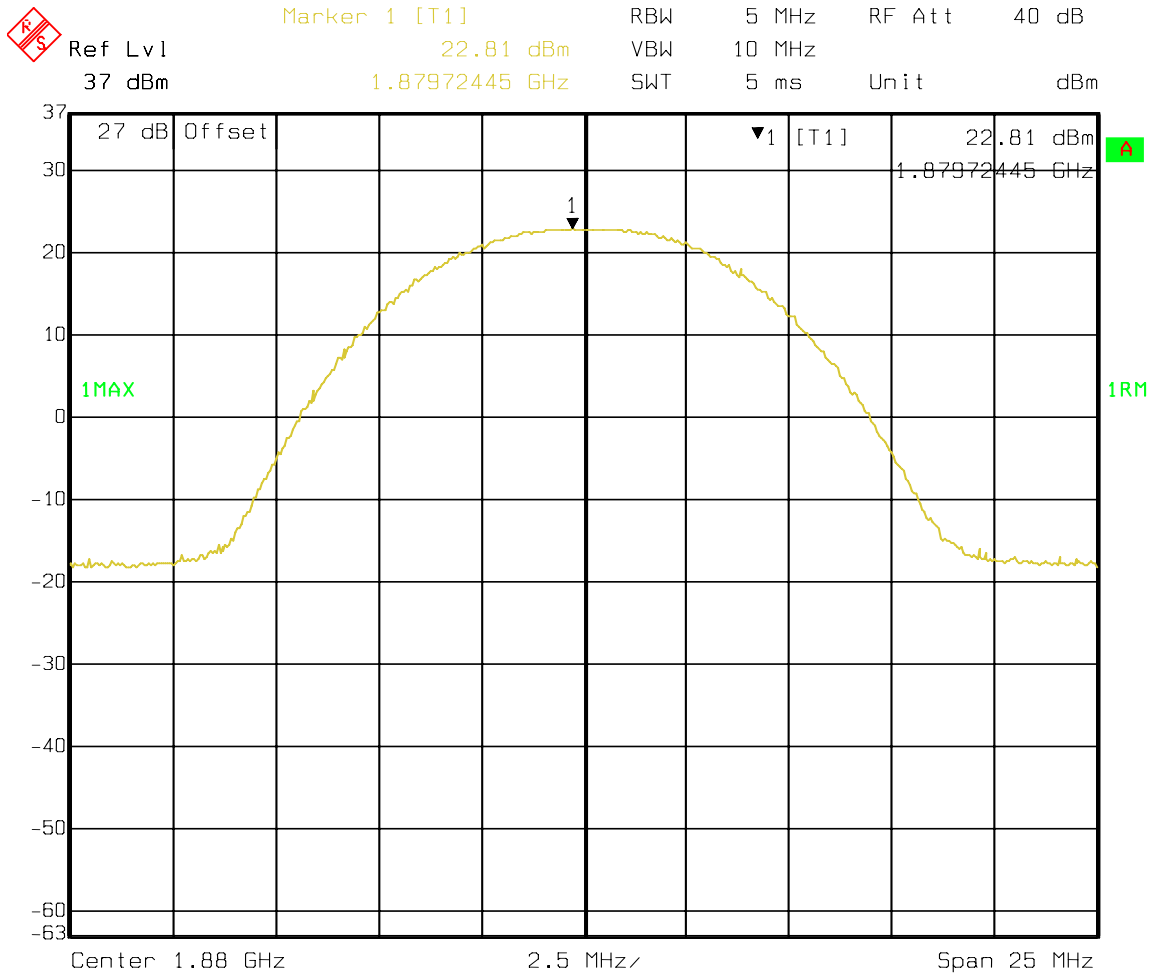
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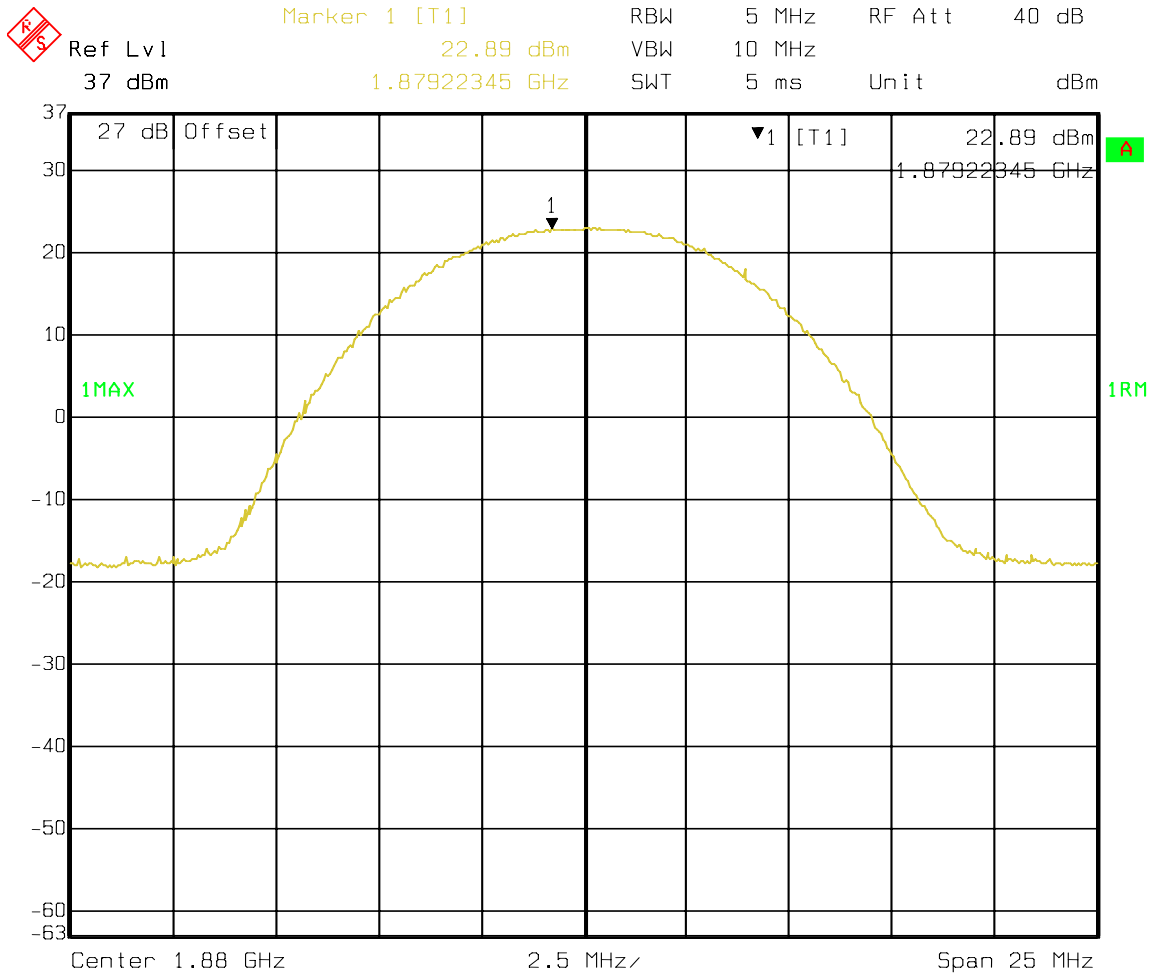
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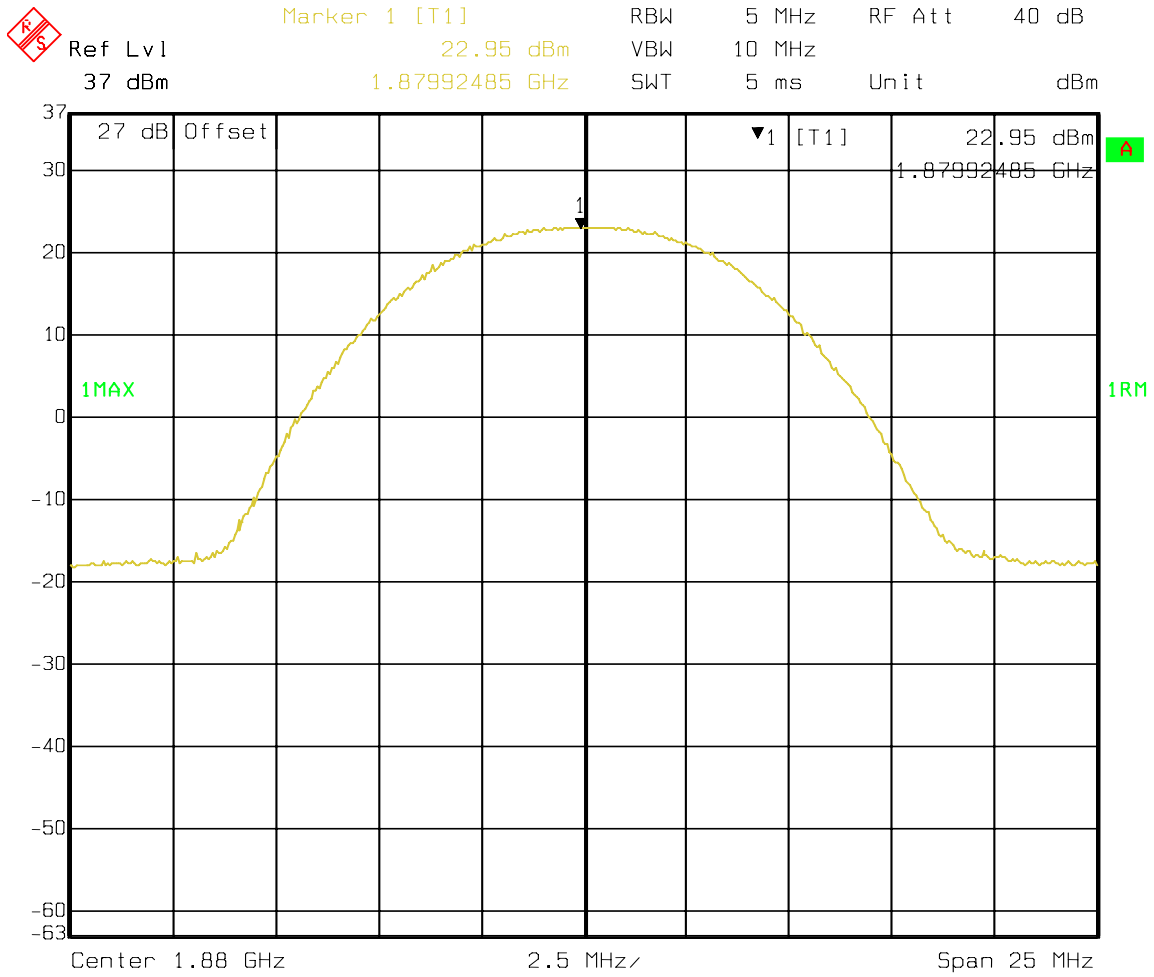
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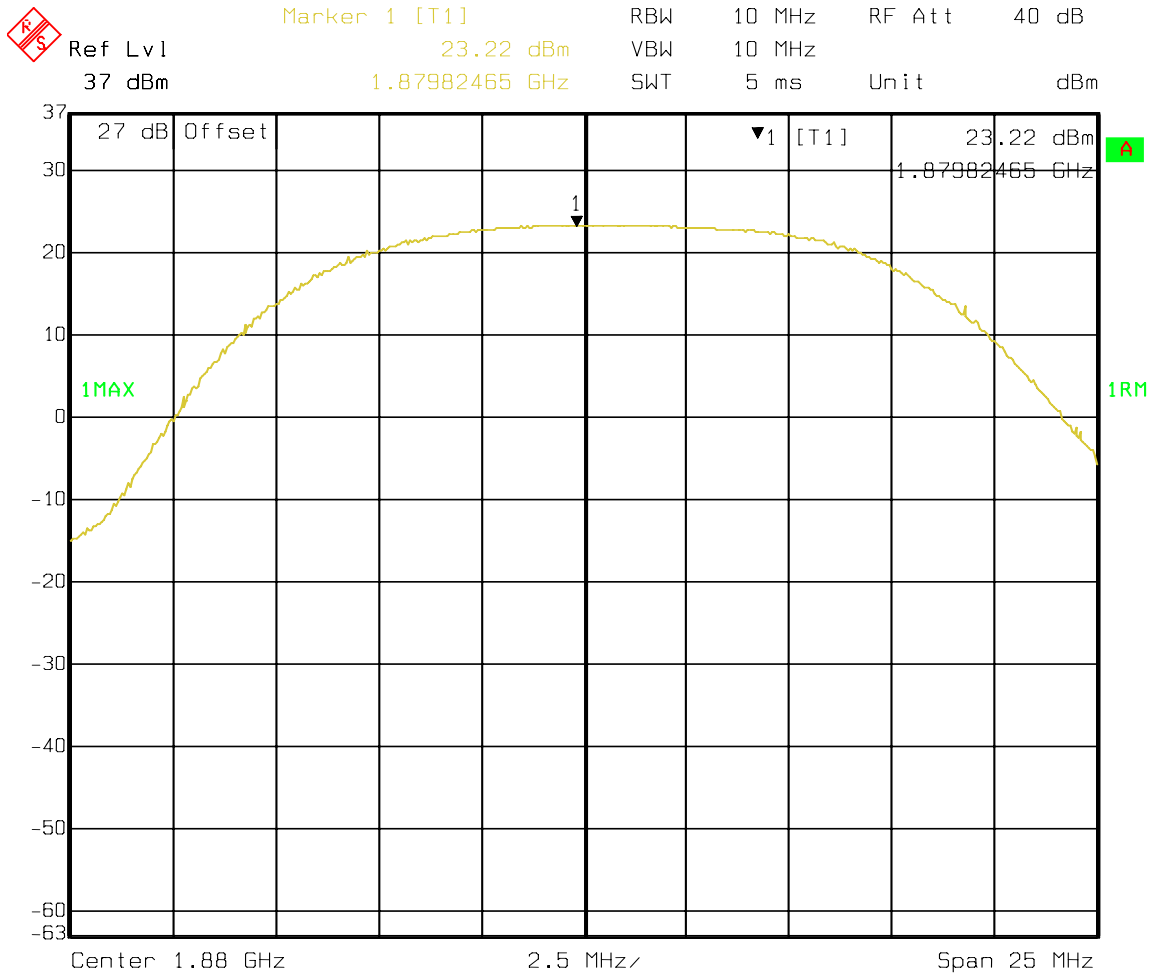
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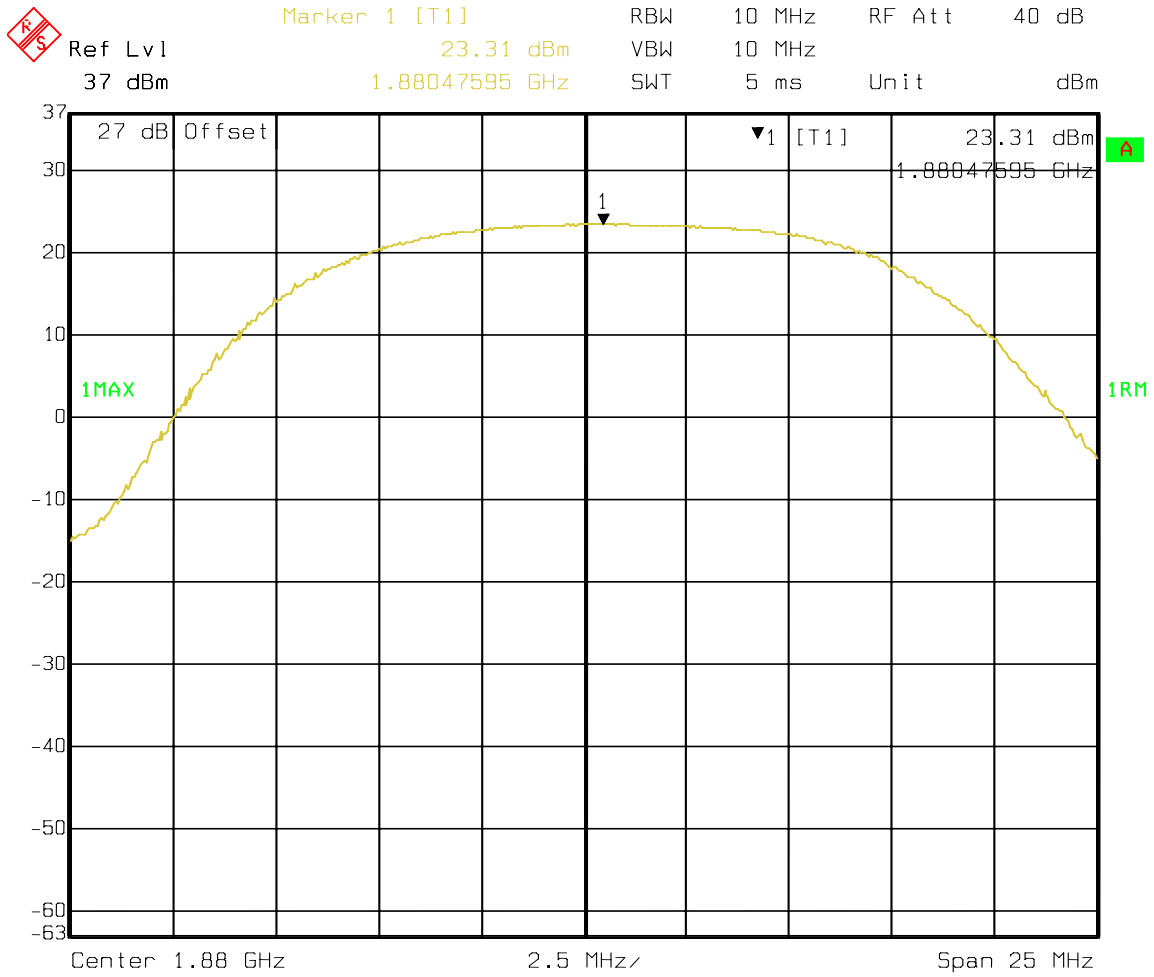
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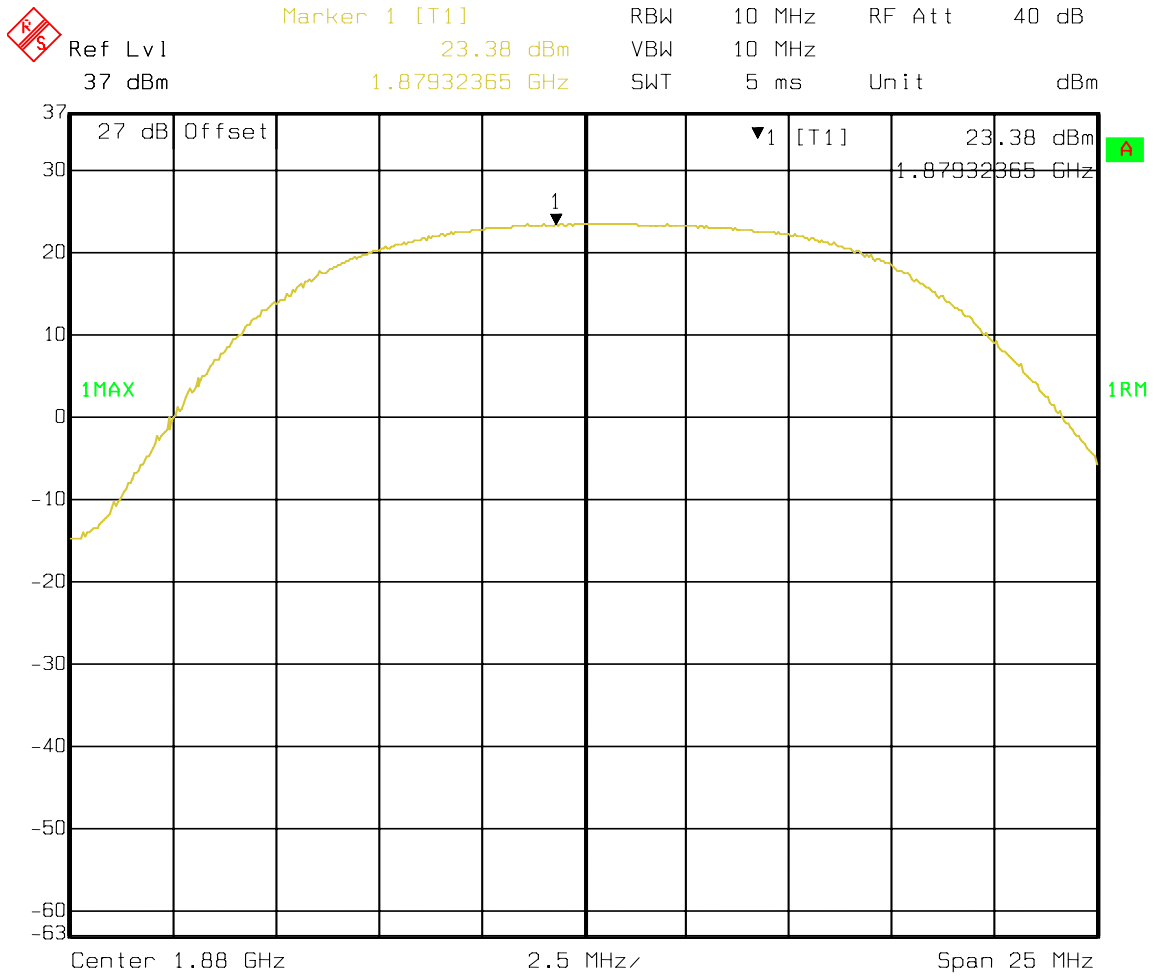
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