SAR Test Report Amendment
FCC ID: PL5GPC-6210
10/27/02

Testing Conducted by Bay Area Compliance Laboratory Corporation in Sunnyvale California.

This amendment to the GTRAN SAR report has been uploaded in response to a request from the FCC for additional SAR test measurements. The request was first made in a conference call between John Forrester, Dean Brenner, and Martin Perrine that occurred in the afternoon of 10/25/02.

1) 835 MHz Body Validation

The following table summarizes 835 MHz body validation test data from 10/26/02 and 10/20/02. The results show agreement between the body validation results tested on two different days.

Tissue	Freq (MHz)	Parameters	Target	Measured Value (10/26/02)	% difference from target	Measured Value (10/20/02)	% difference from target	%difference between 10/20/02 and 10/26/02
Body	835	permittivity	55.2	55.8	1.08%	55.4	0.36%	0.72%
		conductivity	0.97	0.97	0.0%	0.98	1.02%	-1.03%
		SAR (1g) (mW/g)	8.872	9.3	4.6%	8.84	-0.36%	4.96%

Input Power=12.7dBm for system validation on 10-26-02

2) Repeat of worst case laptop and PDA at two worst case frequencies to confirm 10/20/02 data.

The following two tables summarize the validations and test data from the worst case PDA and worst case laptop tested in the same configuration as on 10/20/02. The tables also include the results from 10/20/02 for reference.

Validation Summary/Comparison

Tissue	Freq	Parameters	Target	Measured Value (10/26/02)	% difference from target	Measured Value (10/20/02)	% difference from target	%difference between 10/20/02 and 10/26/02
Body	1900	permittivity	53.3	55.6	4.14%	53.9	1.13%	3.06%
		conductivity	1.52	1.5	-1.3%	1.46	-4.11%	2.67%
		SAR (1g) (mW/g)	24.97	24.15	-3.4%	24.6	-1.50%	-1.87%

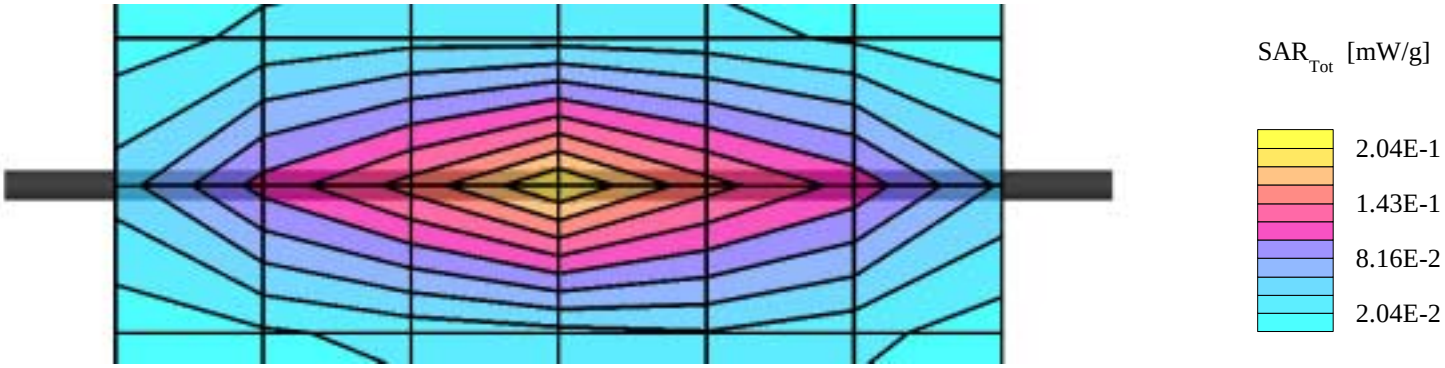
Input Power=21dBm for system validation on 10-26-02

SAR Results Comparison

Host	Freq	SAR measured 10/26/02 mW/g (1g)	SAR measured 10/20/02 mW/g (1g)
Compaq IPAC 3650	1880	0.912	1.05
	1905	0.925	1.05
Dell PP01L	1880	0.467	0.512
	1905	0.478	0.515

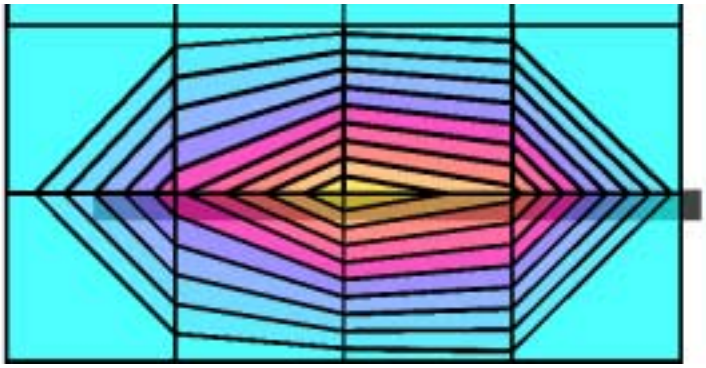
System validation Dipole 835 MHz (22 Deg C, 10/26/02)

SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1604; ConvF(6.40,6.40,6.40); Crest factor: 1.0; Body 835 MHz: σ = 0.97 mho/m ε_r = 55.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.173 mW/g, SAR (10g): 0.0852 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB



System Validation 1900 MHz (22 Deg, 10/26/02)

SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1604; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900MHz: σ = 1.50 mho/m ε_r = 55.6 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 3.04 mW/g, SAR (10g): 1.42 mW/g, (Worst-case extrapolation)
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.00 dB



GTran Wireless (Compaq ipaq 3650 with antenna parallel with phantom, 22 Deg C, 10/26/02)

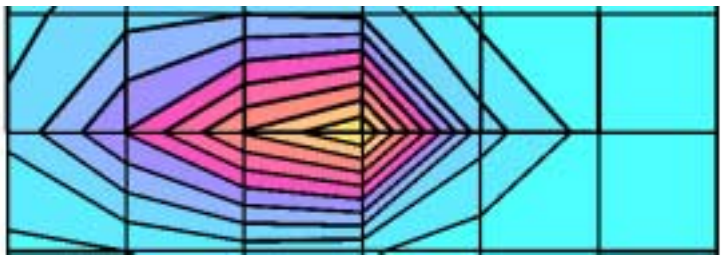
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1604; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz: σ = 1.50 mho/m ε_r = 55.6 ρ = 1.00 g/cm^3

Cube 5x5x7: SAR (1g): 0.912 mW/g, SAR (10g): 0.494 mW/g, (Worst-case extrapolation)

Coarse: Dx = 17.0, Dy = 17.0, Dz = 14.0

Powerdrift: -0.03 dB



GTran Wireless (Compaq ipaq 3650 with antenna parallel with phantom, 22 Deg C, 10/26/02)

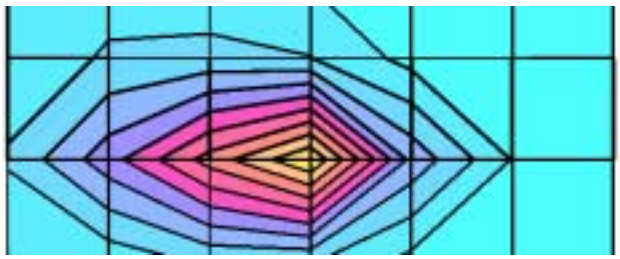
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 1905 MHz

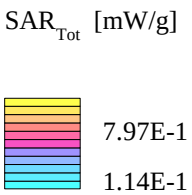
Probe: ET3DV6 - SN1604; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz: σ = 1.50 mho/m ε_r = 55.6 ρ = 1.00 g/cm^3

Cube 5x5x7: SAR (1g): 0.925 mW/g, SAR (10g): 0.499 mW/g, (Worst-case extrapolation)

Coarse: Dx = 17.0, Dy = 17.0, Dz = 14.0

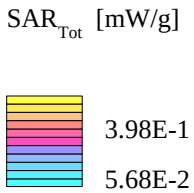
Powerdrift: 0.09 dB





GTran Wireless (Dell PPo1L with antenna straight and parallel with phantom, 22 Deg C, 10/26/02)

SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 1880 MHz
Probe: ET3DV6 - SN1604; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz: σ = 1.50 mho/m ε_r = 55.6 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.467 mW/g, SAR (10g): 0.259 mW/g, (Worst-case extrapolation)
Coarse: Dx = 17.0, Dy = 17.0, Dz = 14.0
Powerdrift: -0.03 dB



GTran Wireless (Dell PPo1L ant. straight and parallel w phantom, 22 Deg, 10/26/02)

SAM Phantom; Section; Position: ; Frequency: 1905 MHz

Probe: ET3DV6 - SN1604; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz: σ = 1.50 mho/m ε_r = 55.6 ρ = 1.00 g/cm^3

Cube 5x5x7: SAR (1g): 0.478 mW/g, SAR (10g): 0.212 mW/g, (Worst-case extrapolation)

Coarse: Dx = 16.0, Dy = 16.0, Dz = 14.0

Powerdrift: 0.15 dB