



**SAR DISTRIBUTION SCANS  
FOR RFI TEST REPORT SERIAL NO:  
RFI/SARB2/RP70438JD10A**

Test Of: Intel Corporation.  
Pro/Wireless GPRS 3110 PC Card

To: OET Bulletin 65 Supplement C: (2001-01)

RADIO FREQUENCY INVESTIGATION LTD.

Distribution Scans

Operations Department

S.No. RFI/SARB2/RP70438JD01A

Issue Date: 22 January 2003

Test Of: Intel Corporation.  
Pro/Wireless GPRS 3110 PC Card

To: OET Bulletin 65 Supplement C: (2001-01)

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### **Distribution Scans**

This section contains the SAR Distribution Scans

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# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

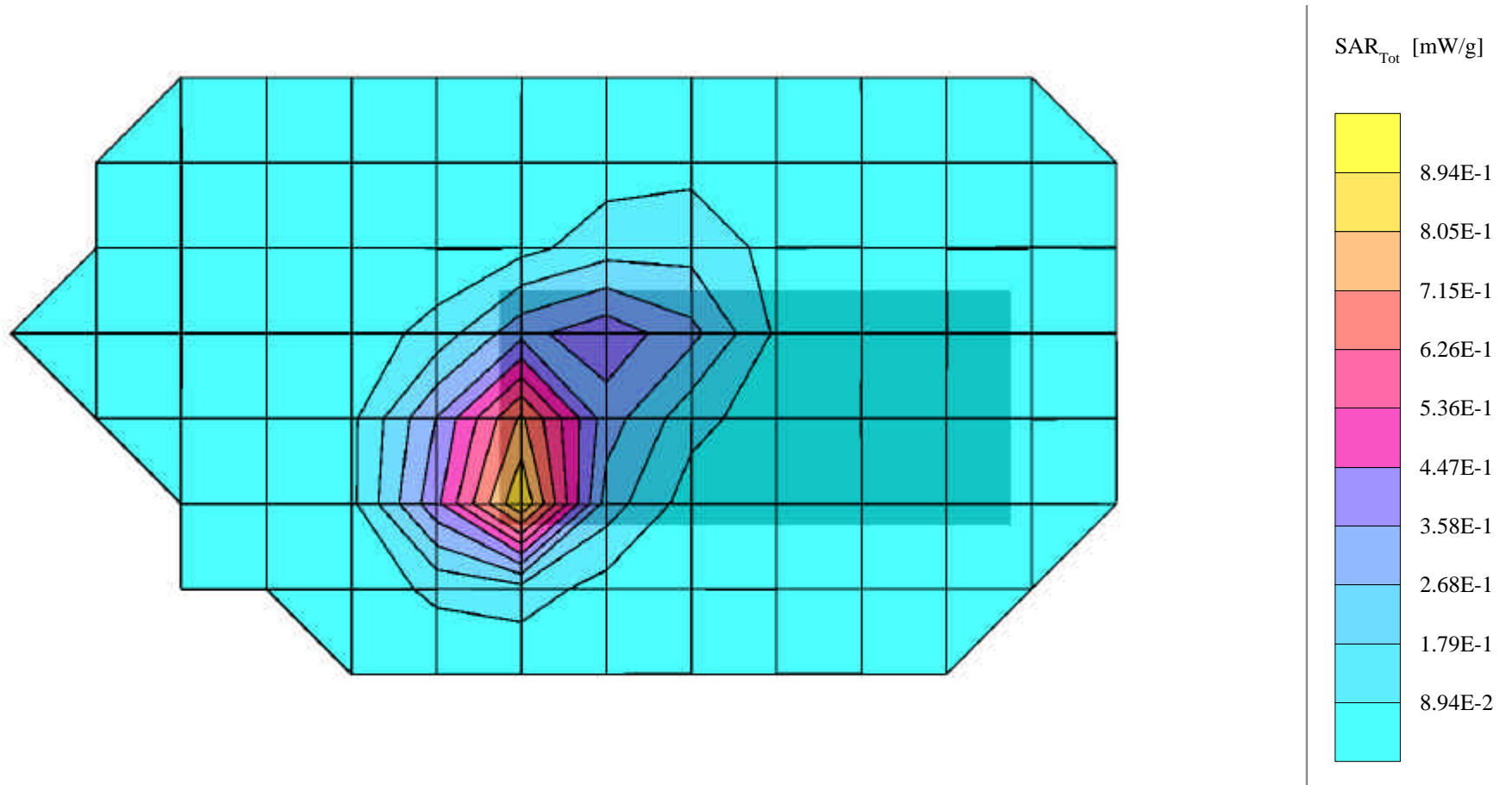
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 7.0%

10/11/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 1.53 mW/g, SAR (1g): 0.826 mW/g

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

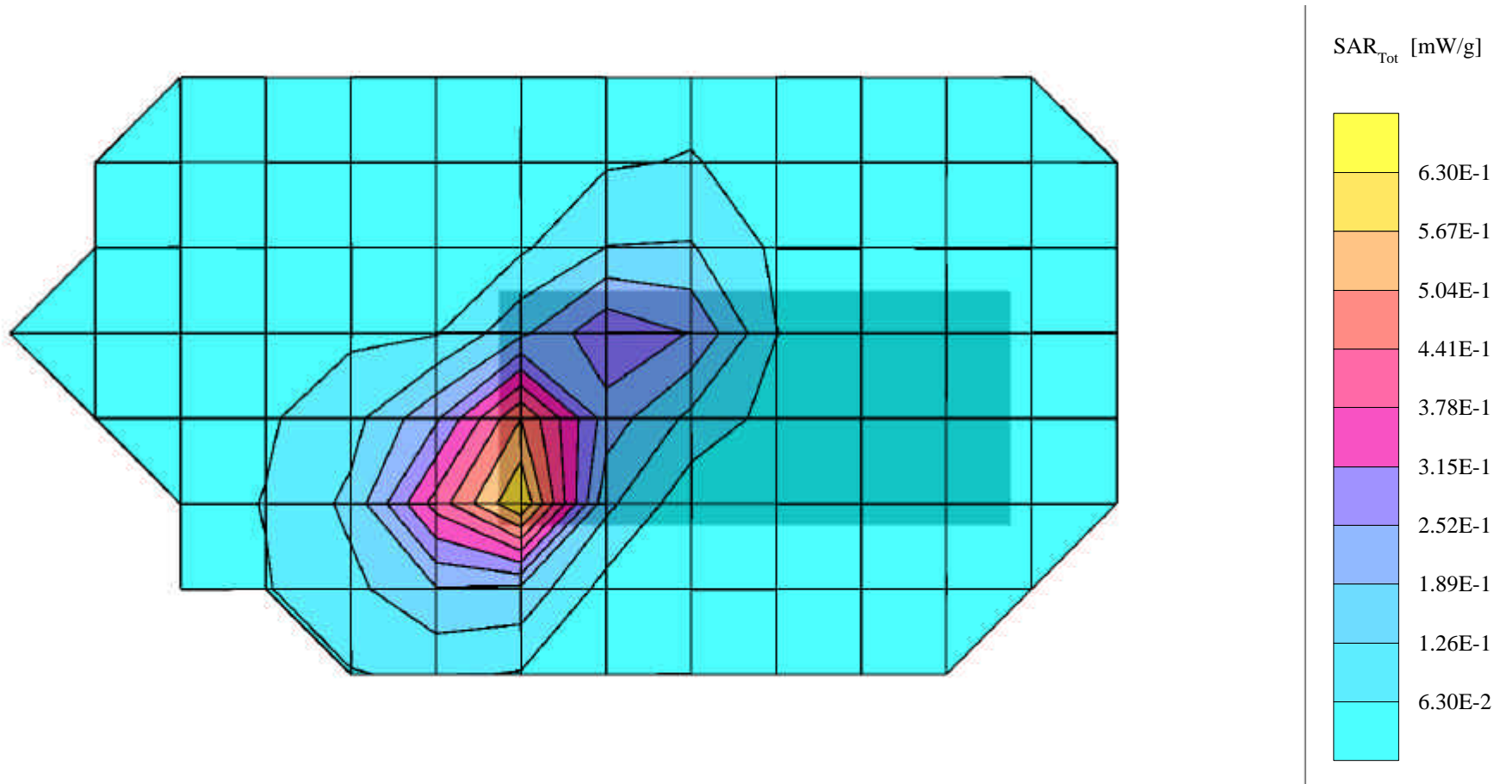
SAR Drift 7.0%

10/11/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 1.3%  
10/11/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Peak: 1.10 mW/g, SAR (1g): 0.613 mW/g  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 1.3%  
10/11/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

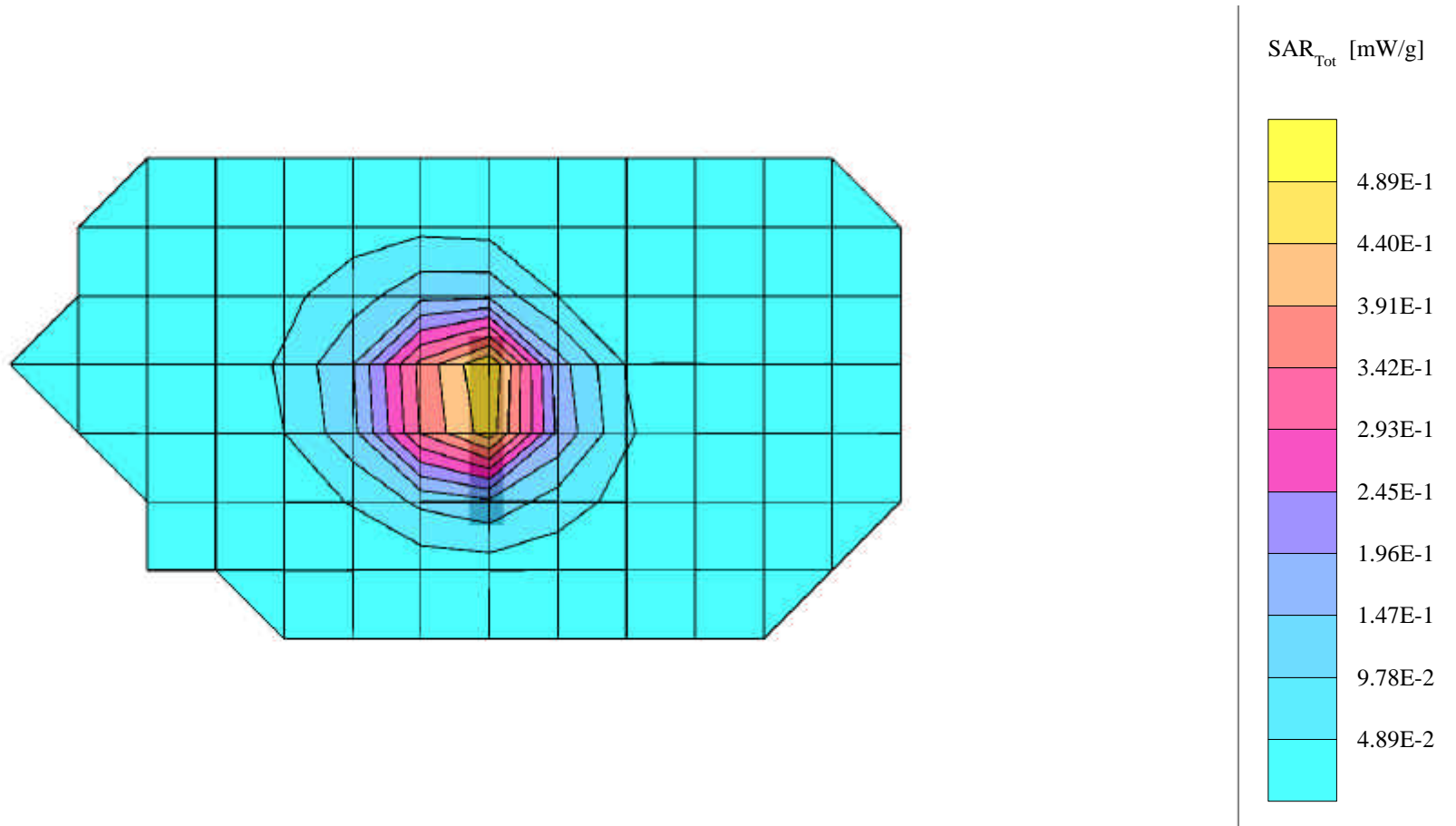
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.9%

10/11/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

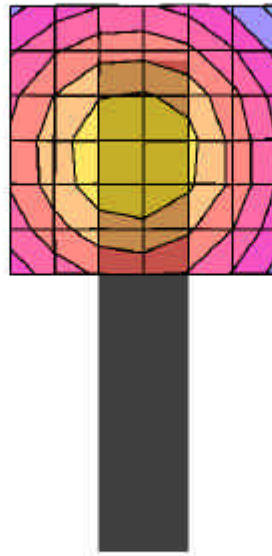
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 0.917 mW/g, SAR (1g): 0.520 mW/g

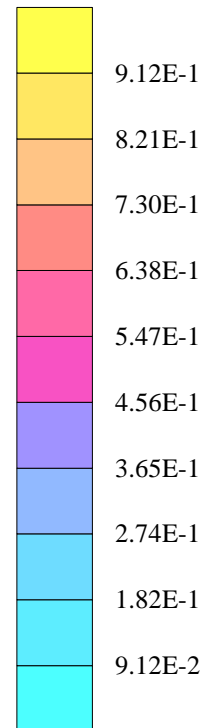
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.9%

10/11/02



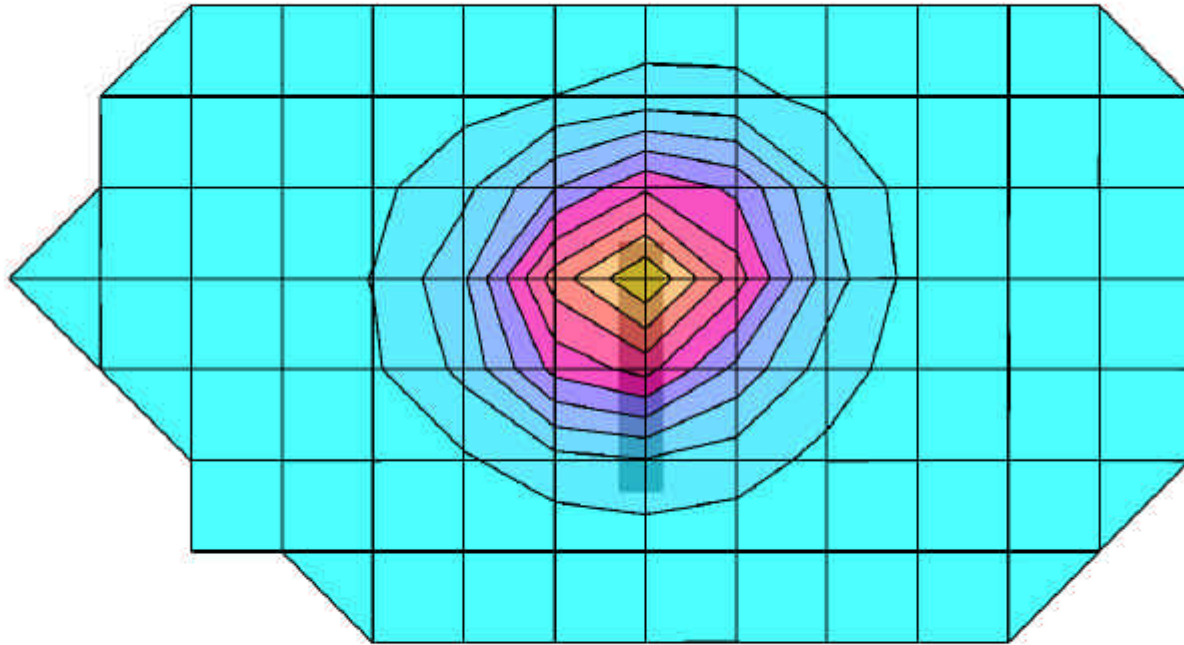
SAR<sub>Tot</sub> [mW/g]



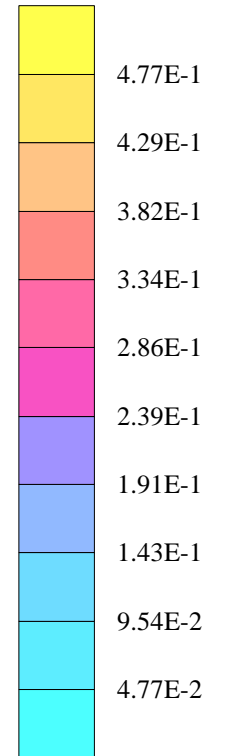


# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 0.6%  
10/11/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

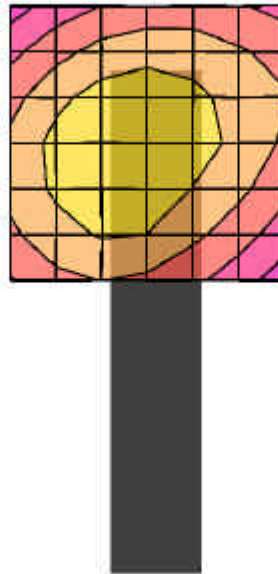
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 0.731 mW/g, SAR (1g): 0.424 mW/g

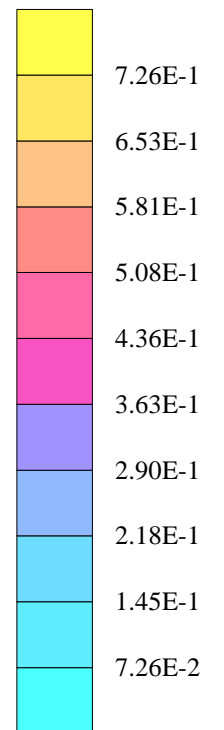
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.6%

10/11/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Bottom Channel (512)

SAM Phantom; Flat

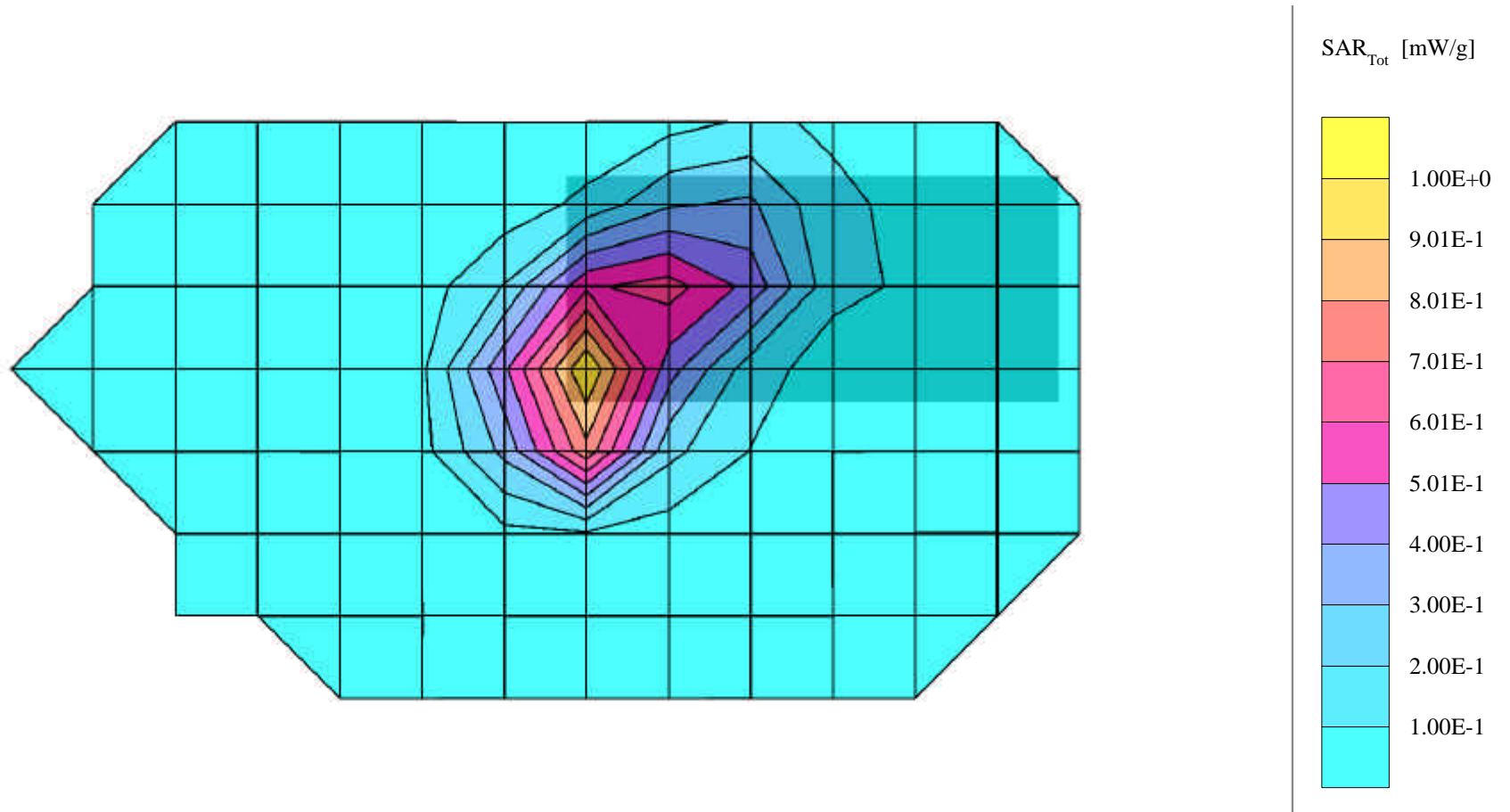
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 5.1%

10/11/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Bottom Channel (512)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 1.79 mW/g, SAR (1g): 0.980 mW/g

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

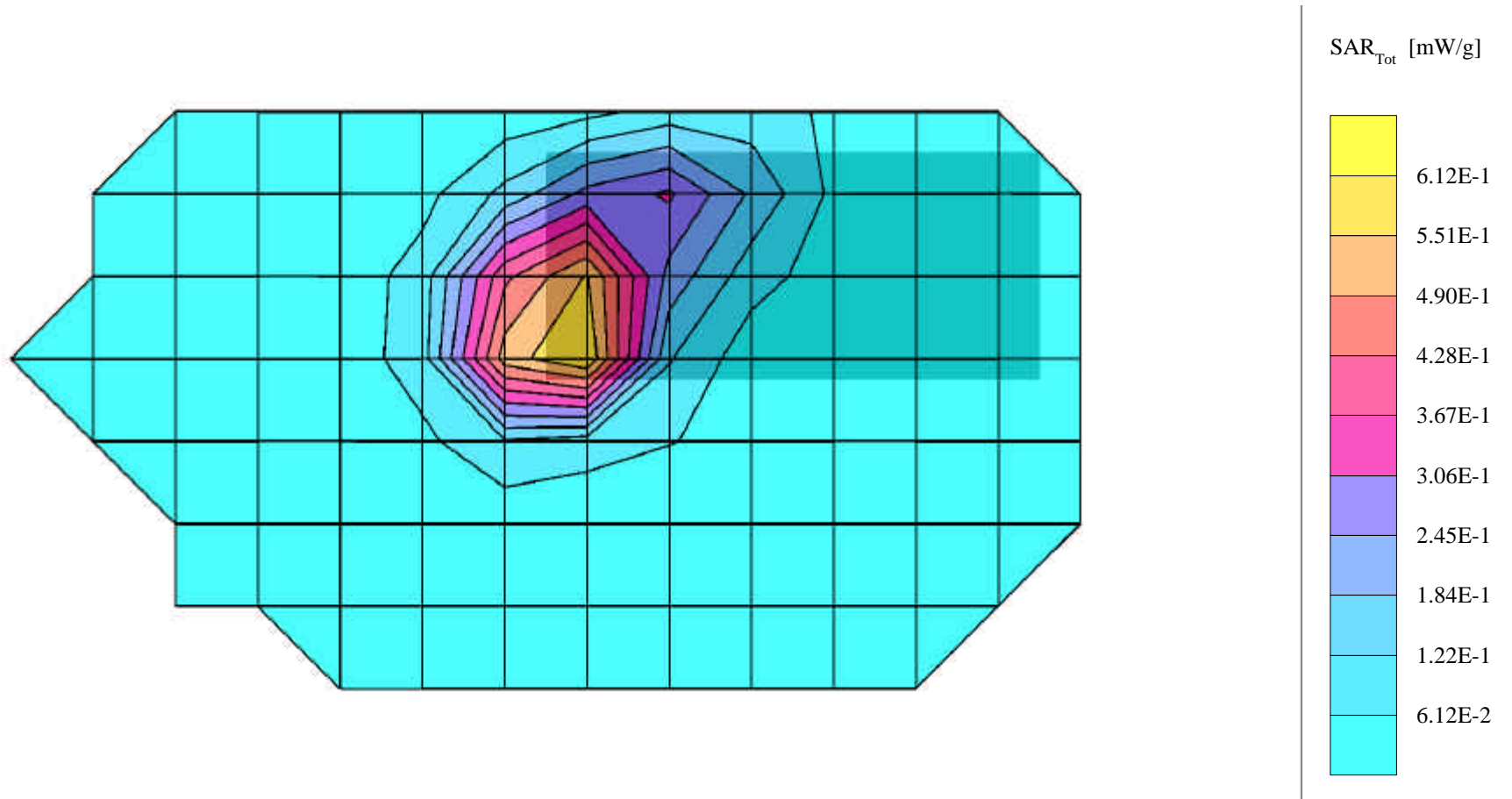
SAR Drift 5.1%

10/11/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Top Channel (810)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 0.5%  
10/11/02

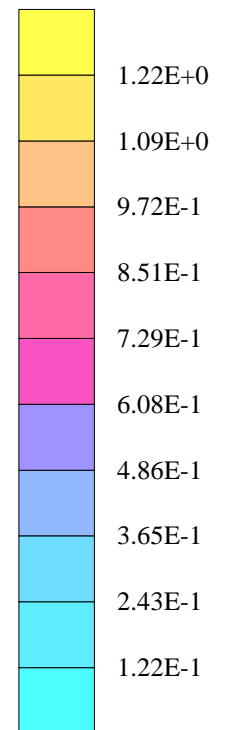


# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Top Channel (810)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Peak: 1.23 mW/g, SAR (1g): 0.663 mW/g  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 0.5%  
10/11/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

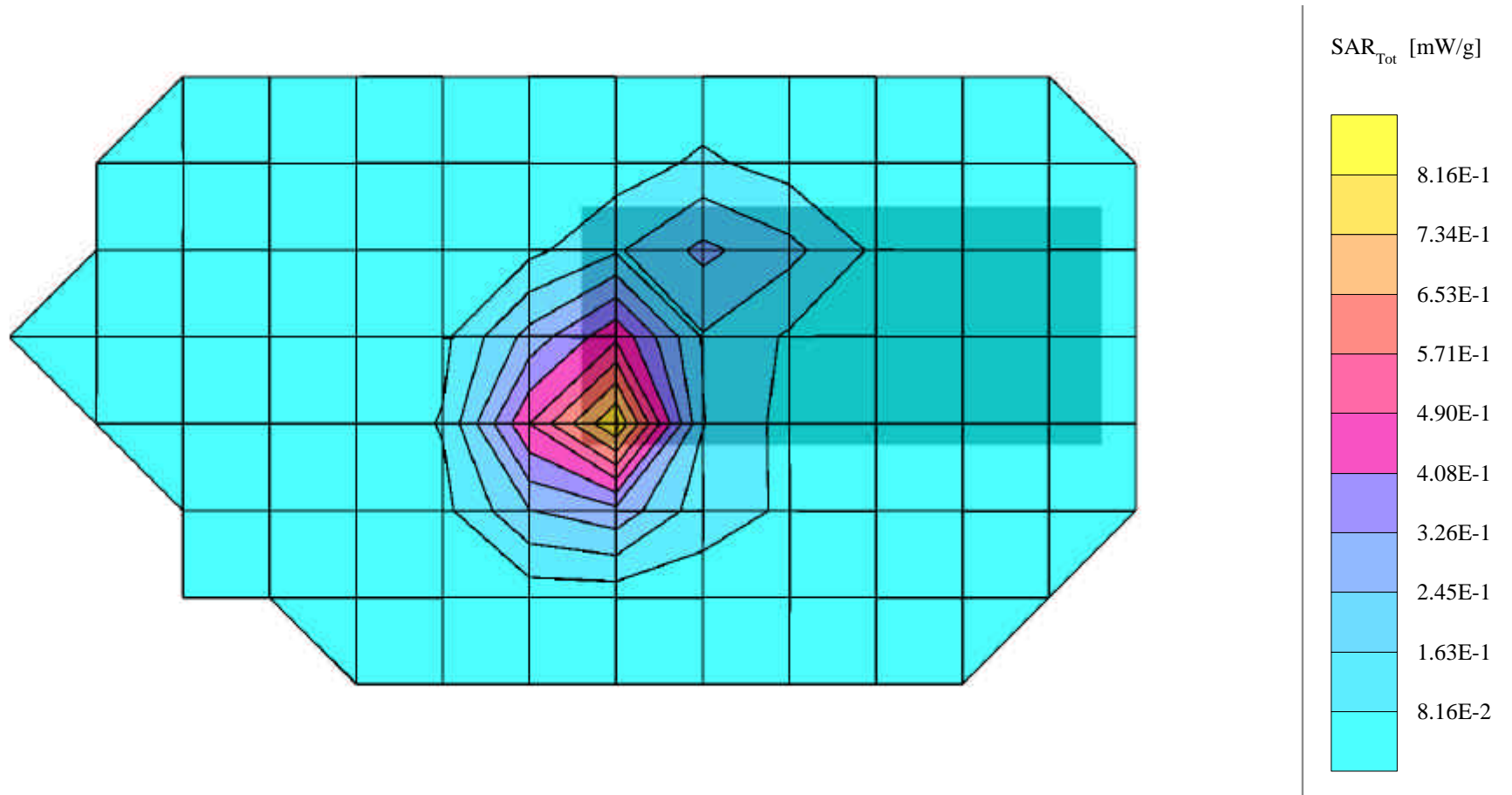
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.9%

10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 1.34 mW/g, SAR (1g): 0.729 mW/g

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.9%

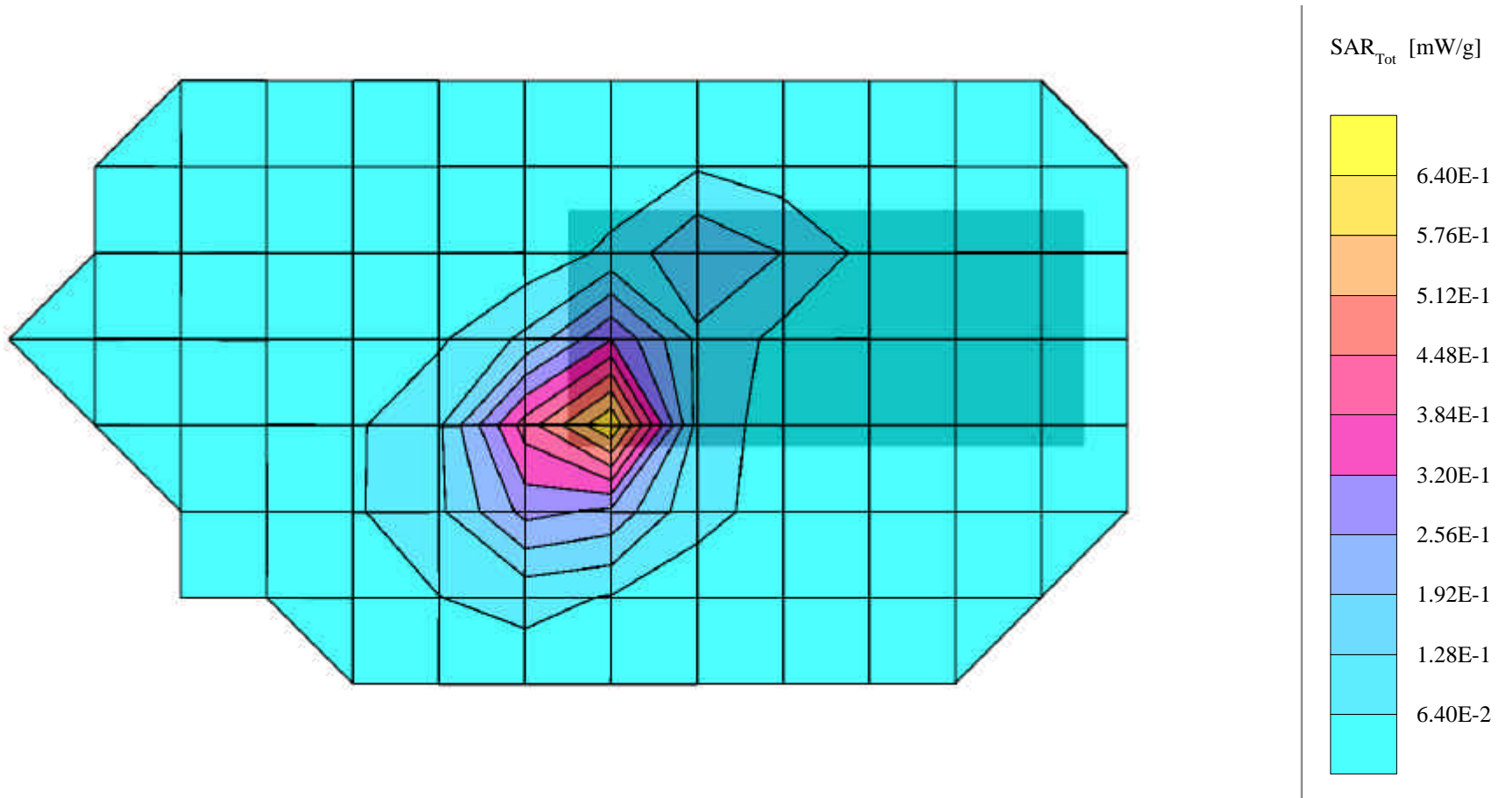
10/10/02





# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 0.4%  
10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Peak: 1.06 mW/g, SAR (1g): 0.591 mW/g  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 0.4%  
10/10/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

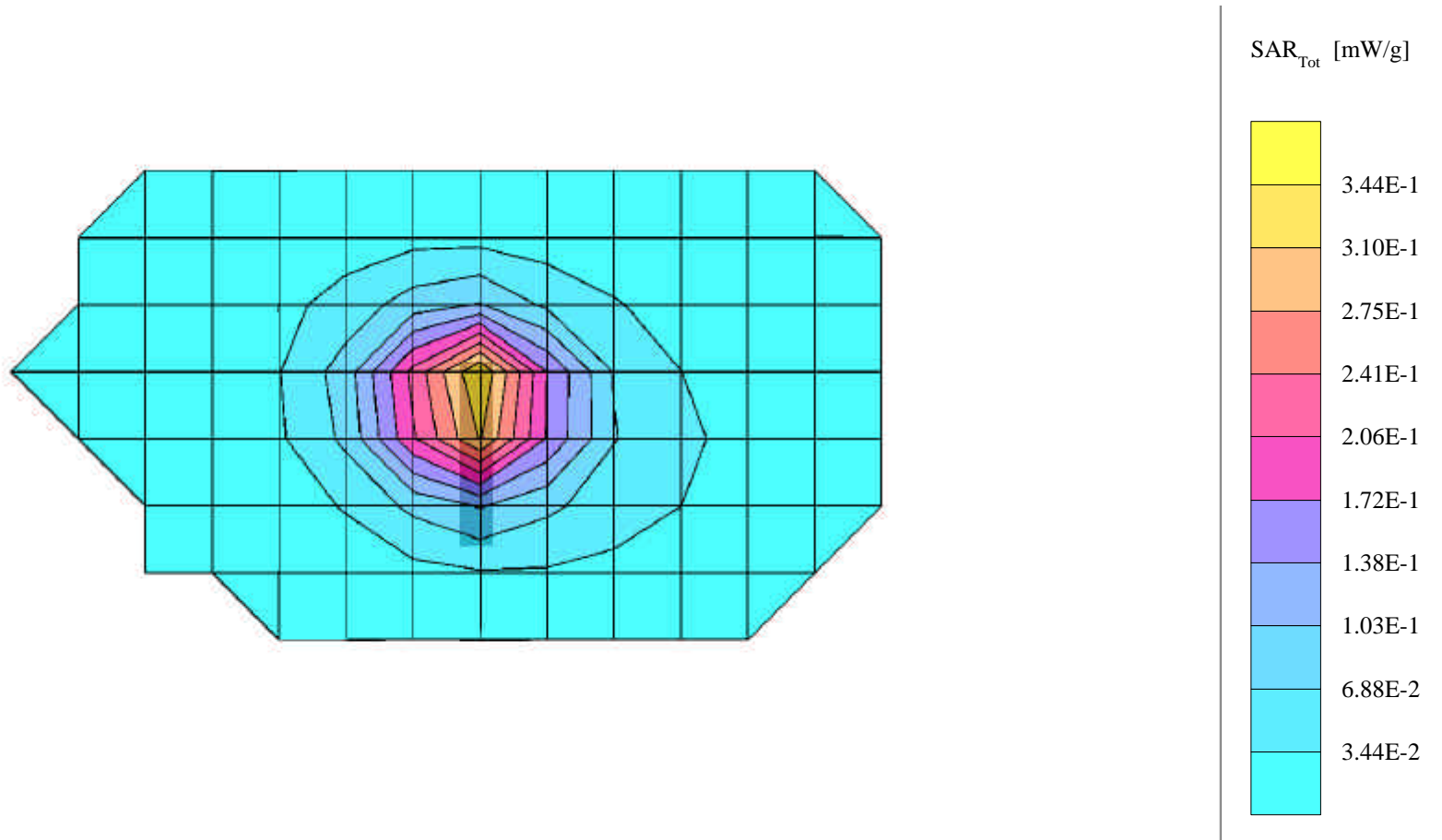
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 1.8%

10/10/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

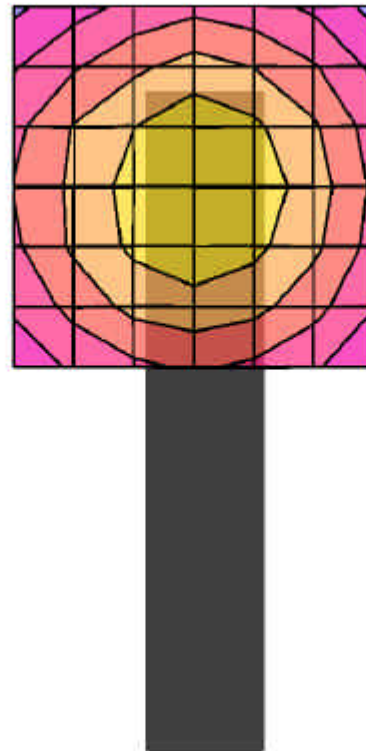
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 0.592 mW/g, SAR (1g): 0.339 mW/g

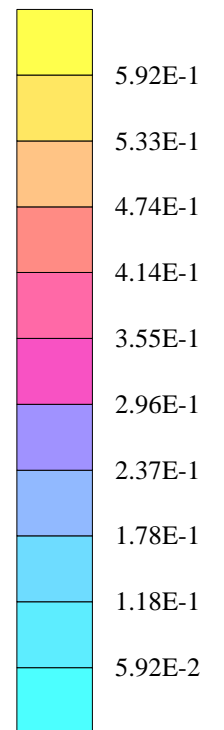
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 1.8%

10/10/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up Centre Channel (660)

SAM Phantom; Flat

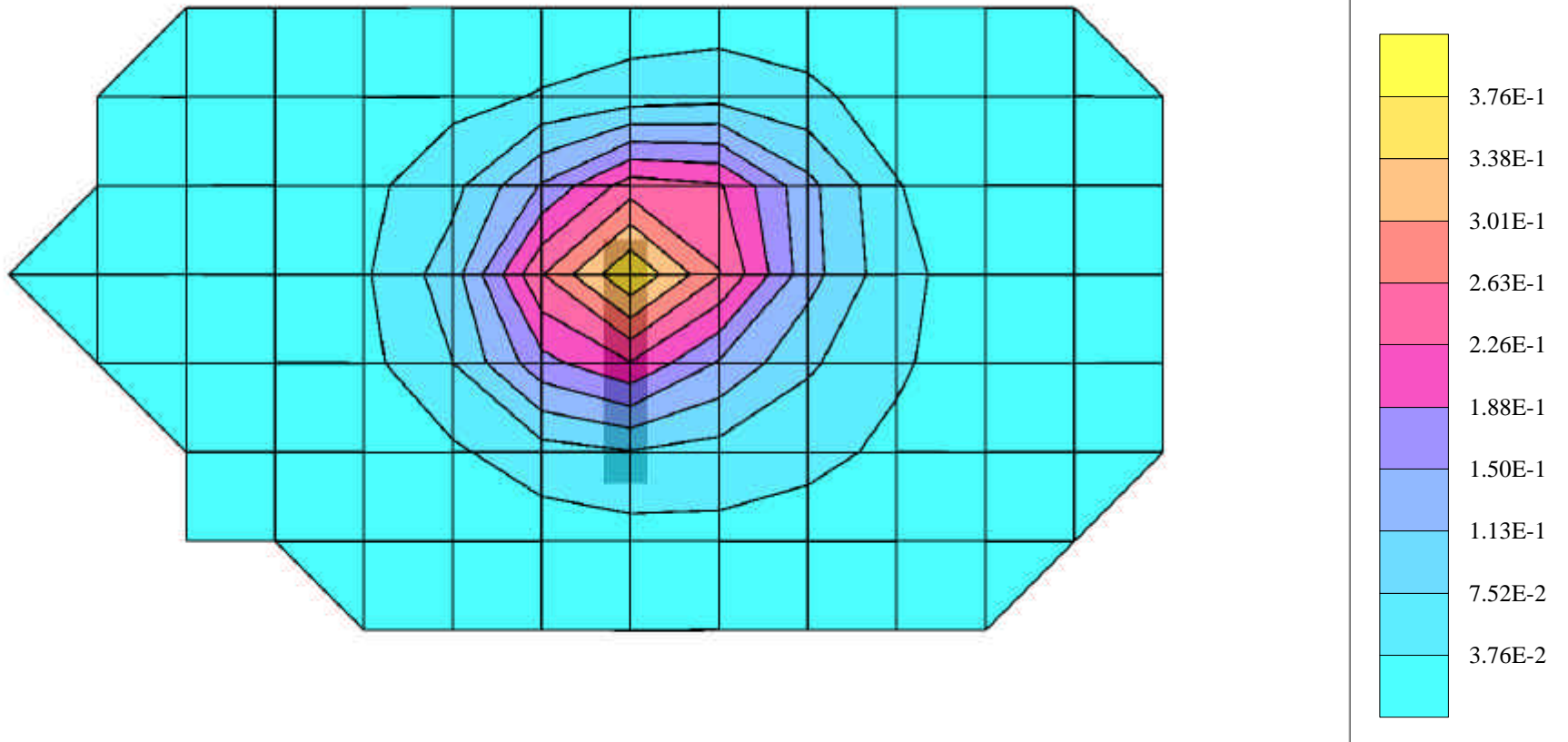
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

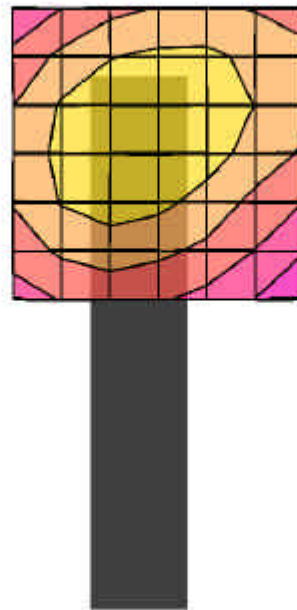
SAR Drift 0.3%

10/10/02

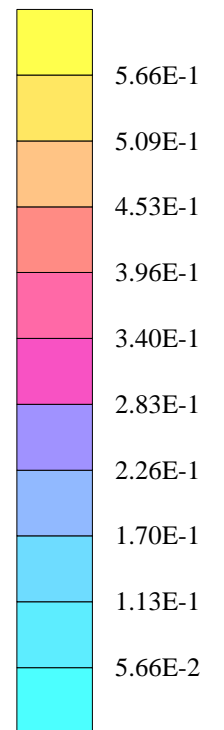


# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Peak: 0.567 mW/g, SAR (1g): 0.331 mW/g  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 0.3%  
10/10/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Down Bottom Channel (512)

SAM Phantom; Flat

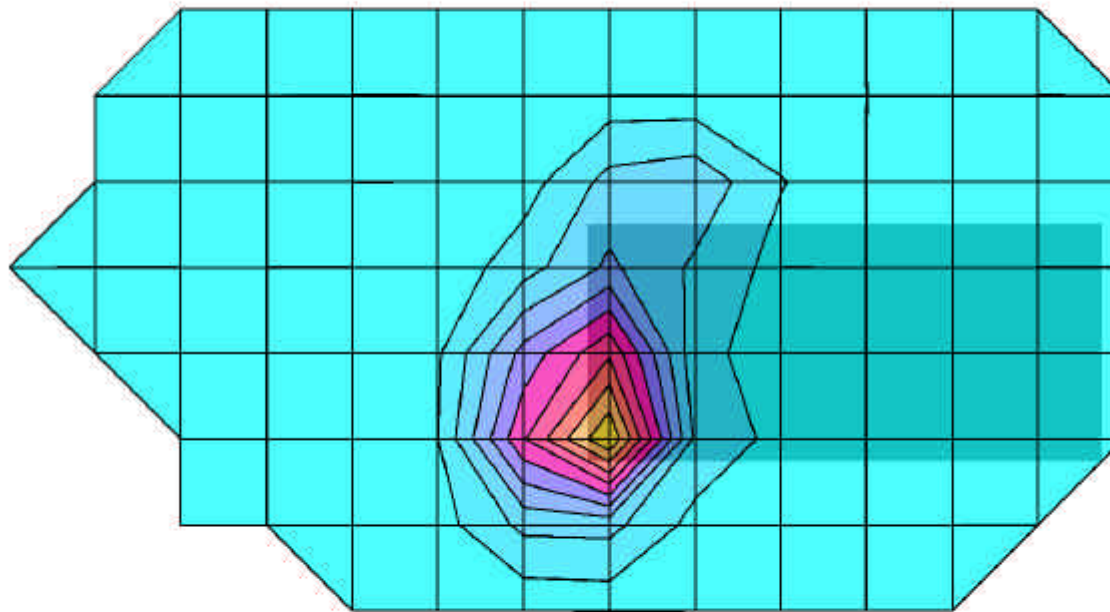
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

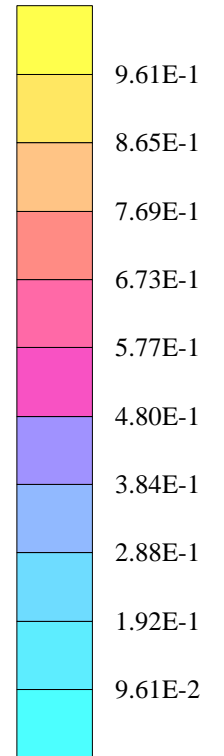
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 1.8%

10/10/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Bottom Channel (512)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 1.61 mW/g, SAR (1g): 0.859 mW/g

Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C

SAR Drift 1.8%

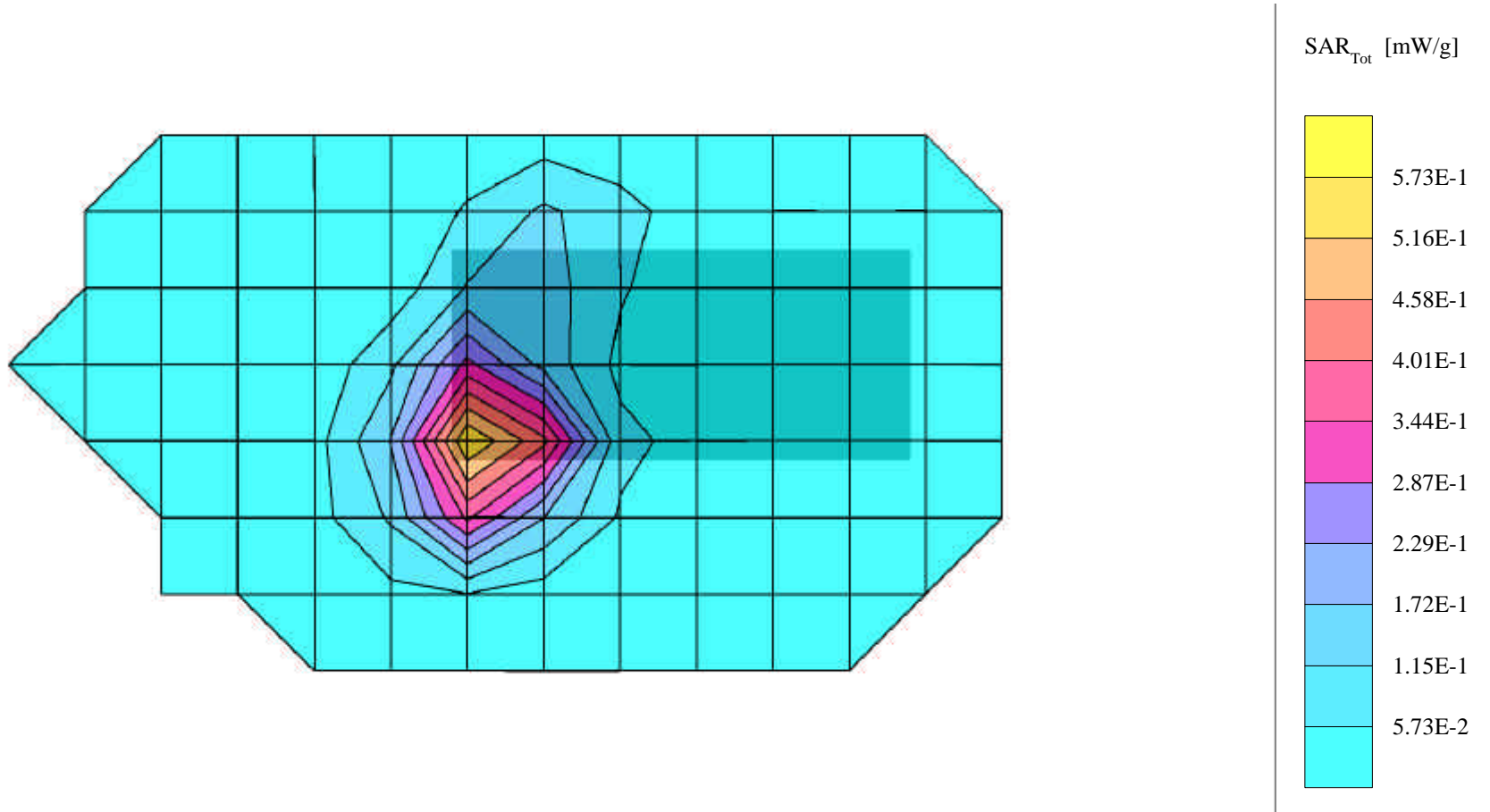
10/10/02





# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Top Channel (810)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 1.0%  
10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Top Channel (810)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Peak: 1.07 mW/g, SAR (1g): 0.580 mW/g  
Lab Temperature 21.5 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 1.0%  
10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

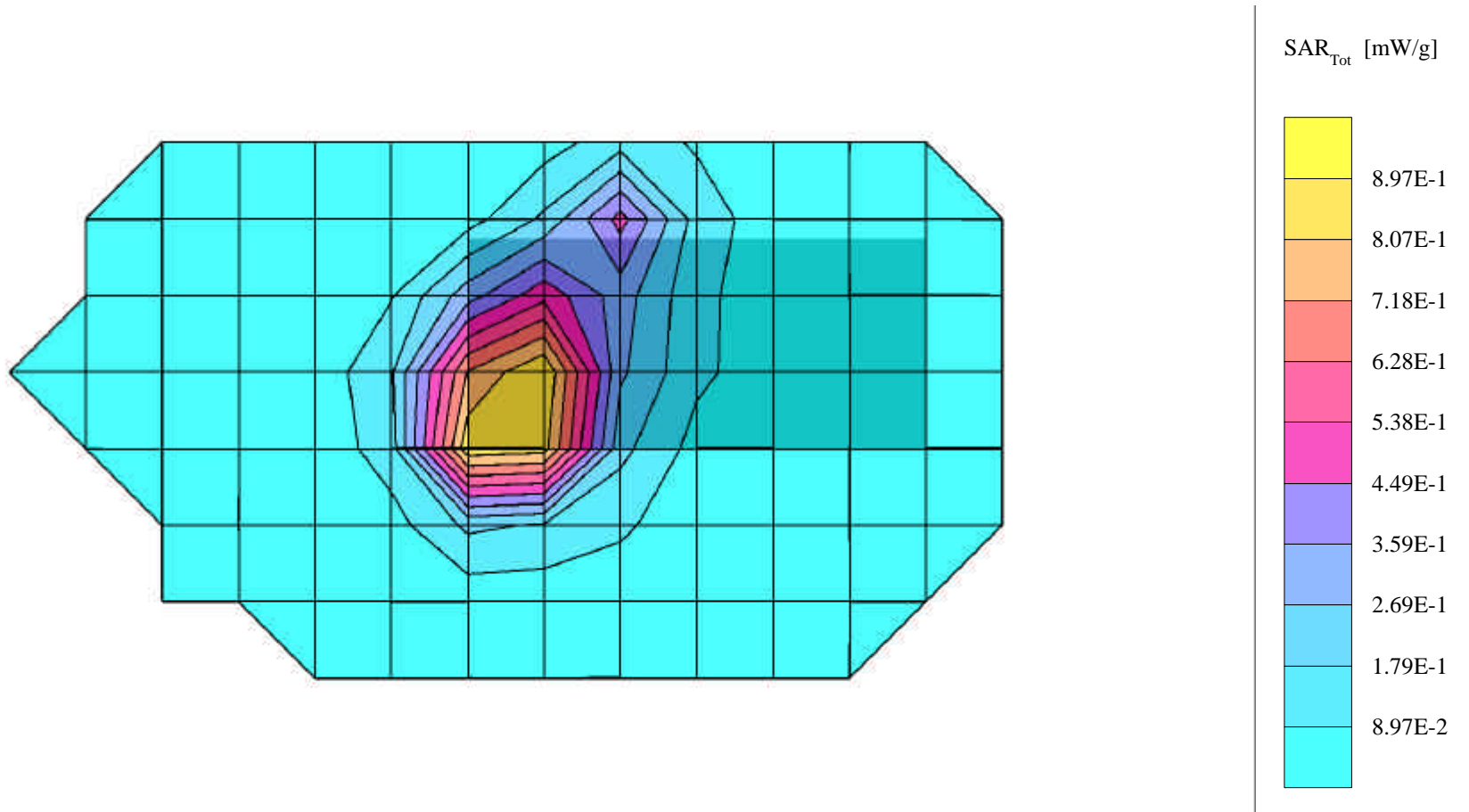
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 1.8%

10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 1.89 mW/g, SAR (1g): 1.02 mW/g

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

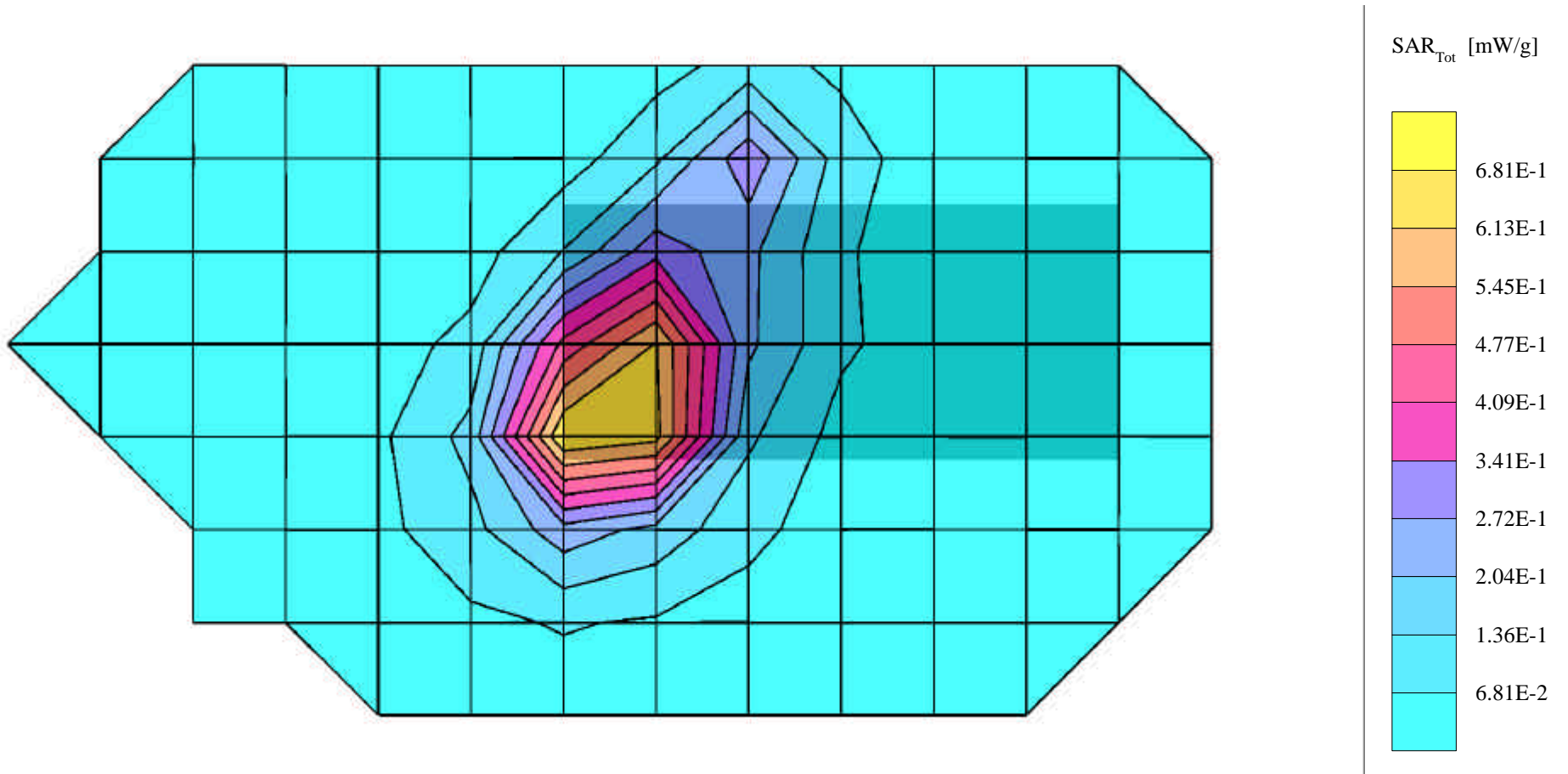
SAR Drift 1.8%

10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 0.8%  
10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Peak: 1.46 mW/g, SAR (1g): 0.801 mW/g  
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 0.8%  
10/10/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

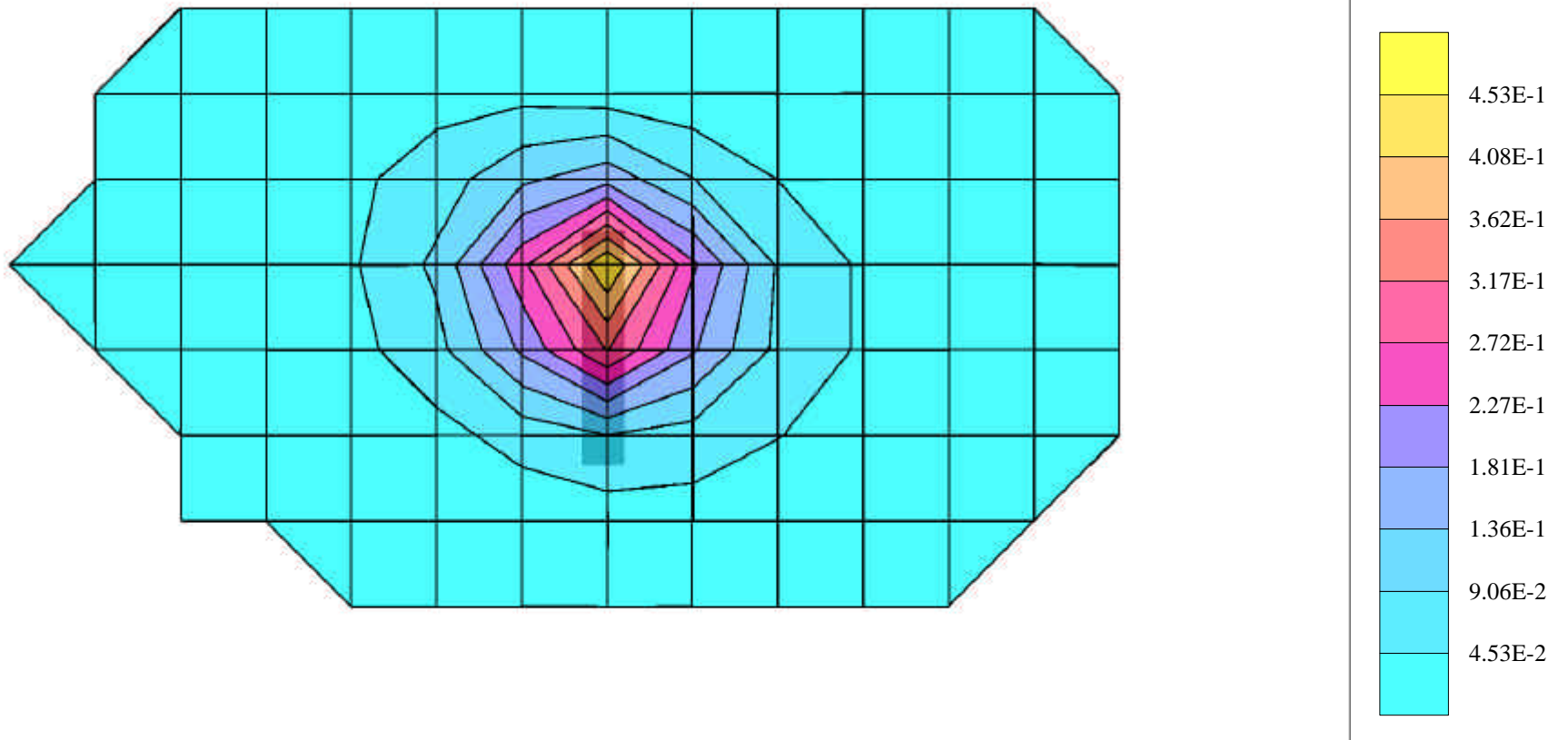
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.8%

10/10/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Down Centre Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

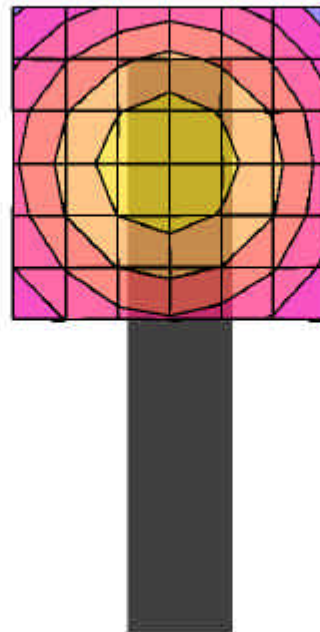
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 0.731 mW/g, SAR (1g): 0.410 mW/g

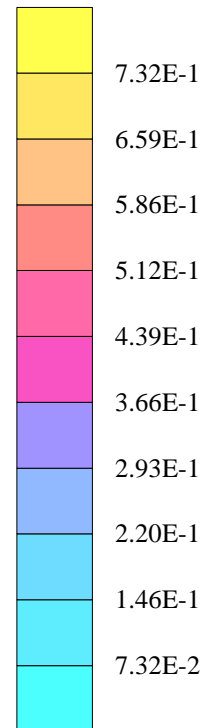
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.8%

10/10/02



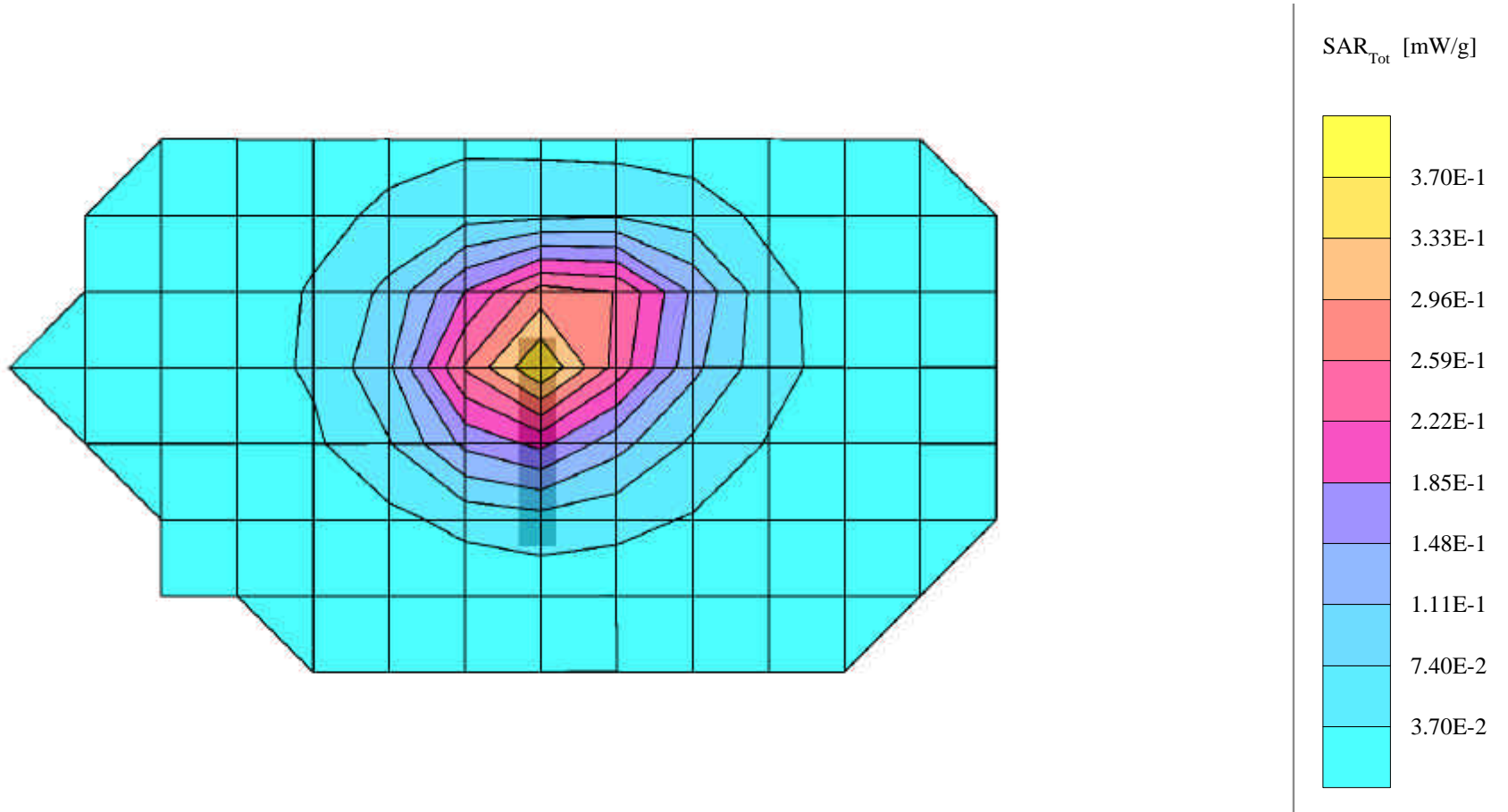
SAR<sub>Tot</sub> [mW/g]





# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up Centre Channel (660)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 1.7%  
10/10/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up Centre Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

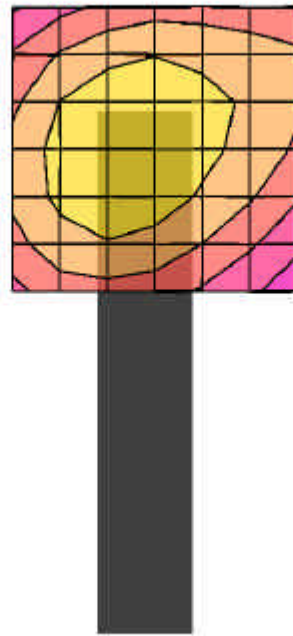
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 0.575 mW/g, SAR (1g): 0.335 mW/g

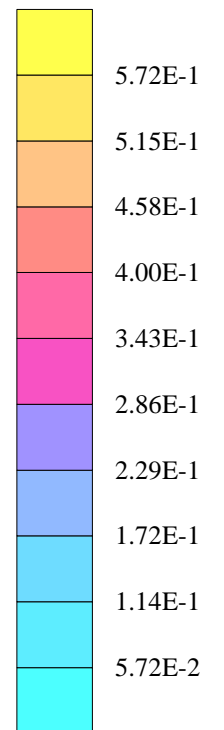
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 1.7%

10/10/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Bottom Channel (512)

SAM Phantom; Flat

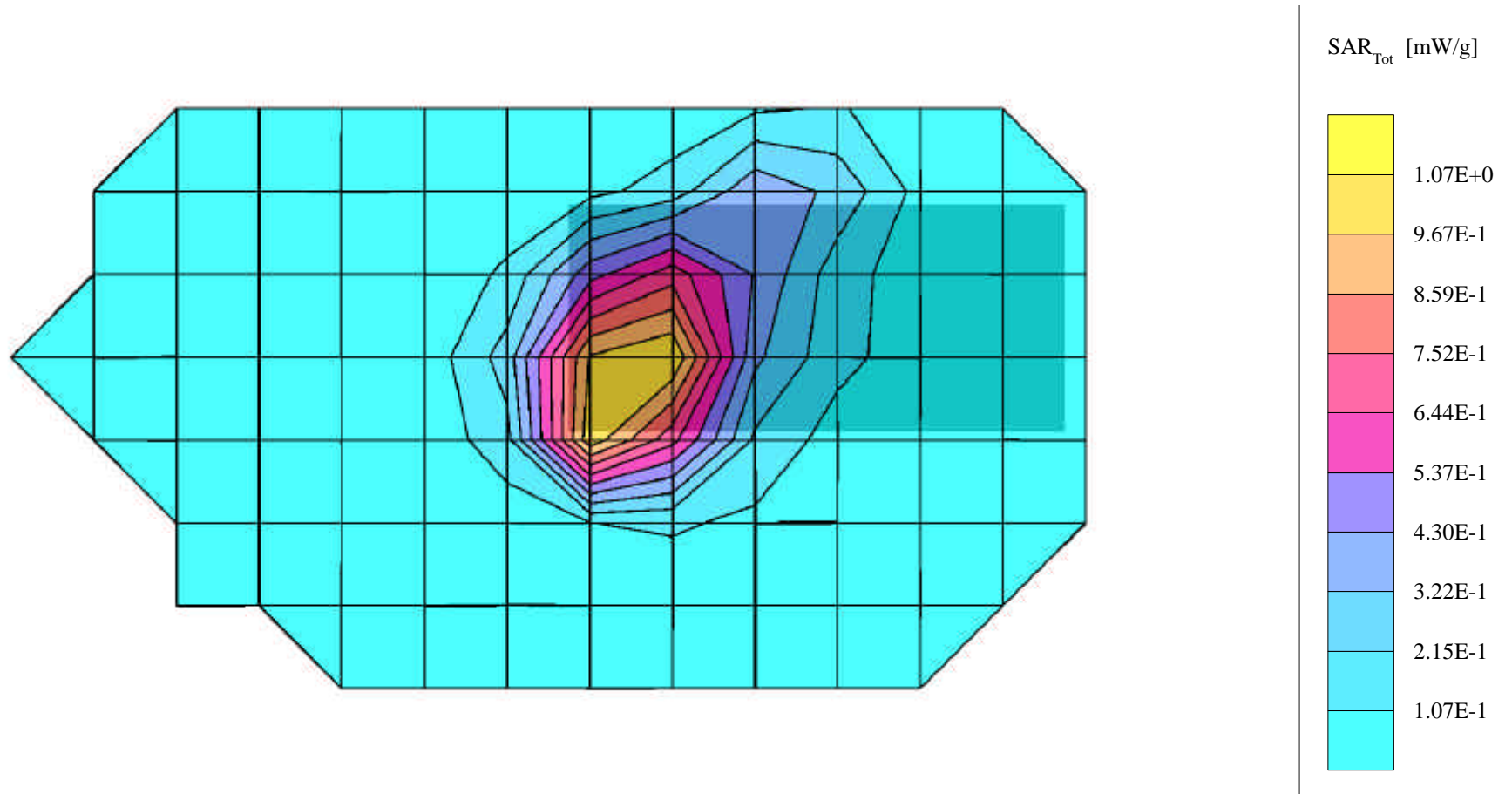
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.9%

10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Bottom Channel (512)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 2.40 mW/g, SAR (1g): 1.30 mW/g

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

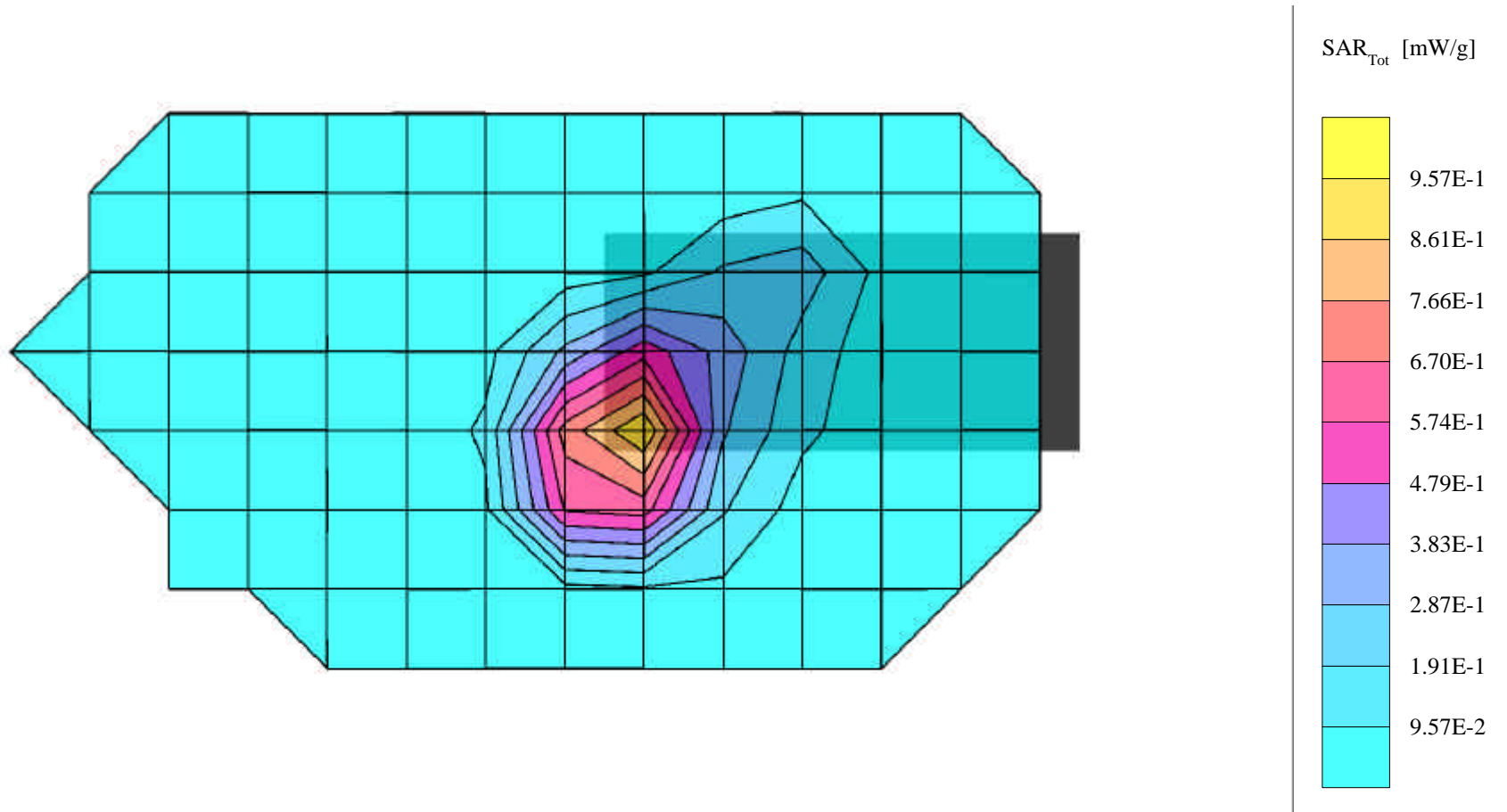
SAR Drift 0.9%

10/10/02



# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Top Channel (810)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 1.6%  
10/10/02

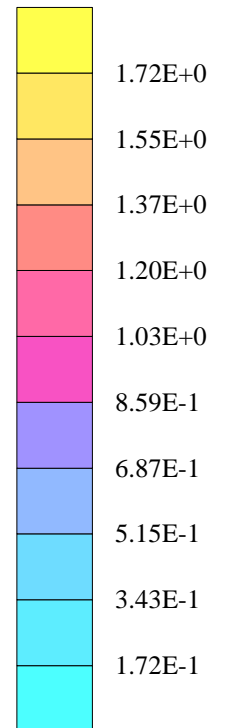


# GPRS 2 Slot Uplink

Body Position 0 Degrees to Phantom with Antenna Down Top Channel (810)  
SAM Phantom; Flat  
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);  
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>  
Peak: 1.73 mW/g, SAR (1g): 0.932 mW/g  
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C  
SAR Drift 1.0%  
10/10/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up and PHF Centre Channel (660)

SAM Phantom; Flat

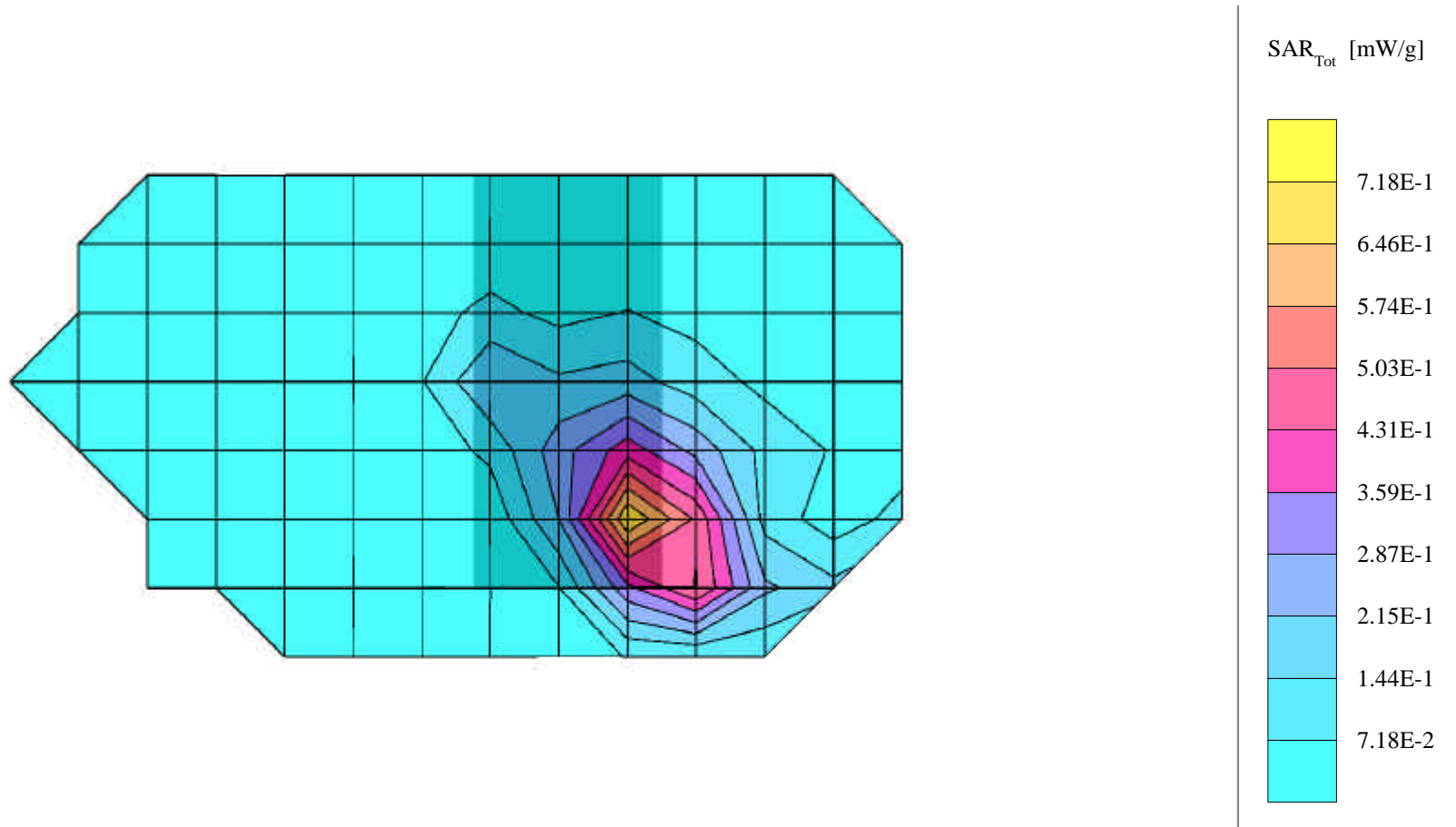
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 1.0%

10/11/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up and PHF Centre Channel (660)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

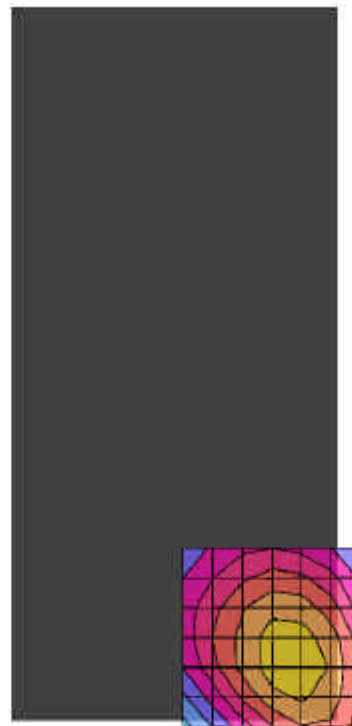
Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 1.25 mW/g, SAR (1g): 0.690 mW/g

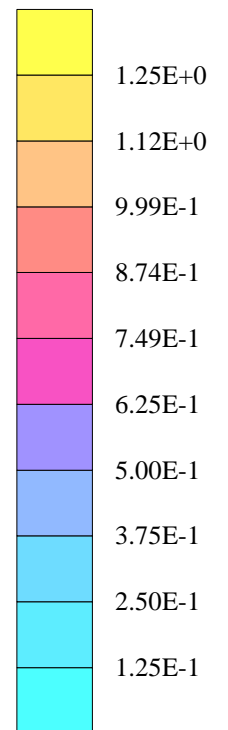
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 1.0%

10/11/02



SAR<sub>Tot</sub> [mW/g]





# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up and PHF Bottom Channel (512)

SAM Phantom; Flat

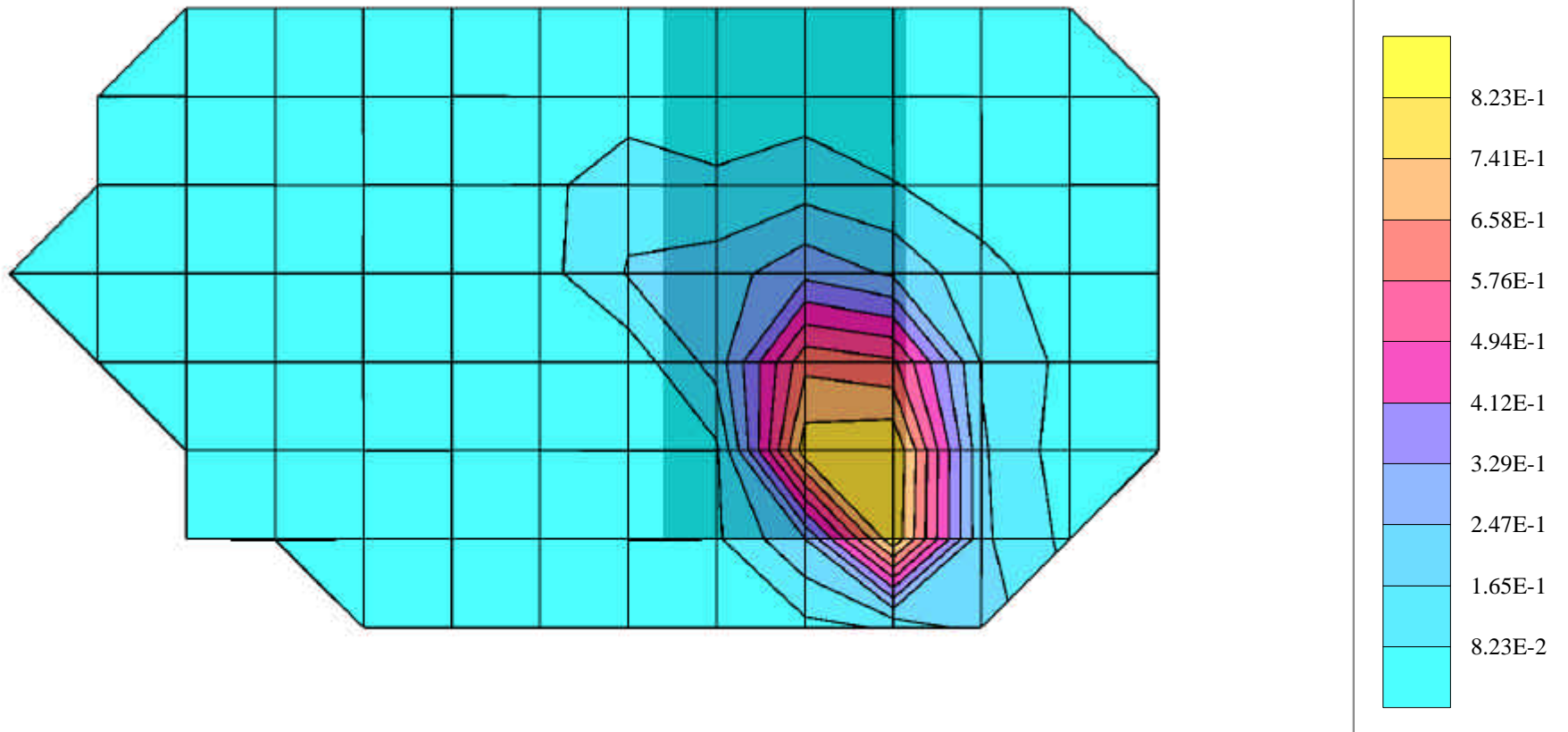
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.8%

10/11/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up and PHF Bottom Channel (512)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 1.67 mW/g, SAR (1g): 0.956 mW/g

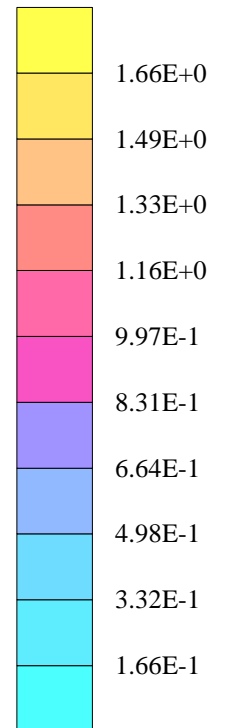
Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 0.8%

10/11/02



SAR<sub>Tot</sub> [mW/g]



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up and PHF Top Channel (810)

SAM Phantom; Flat

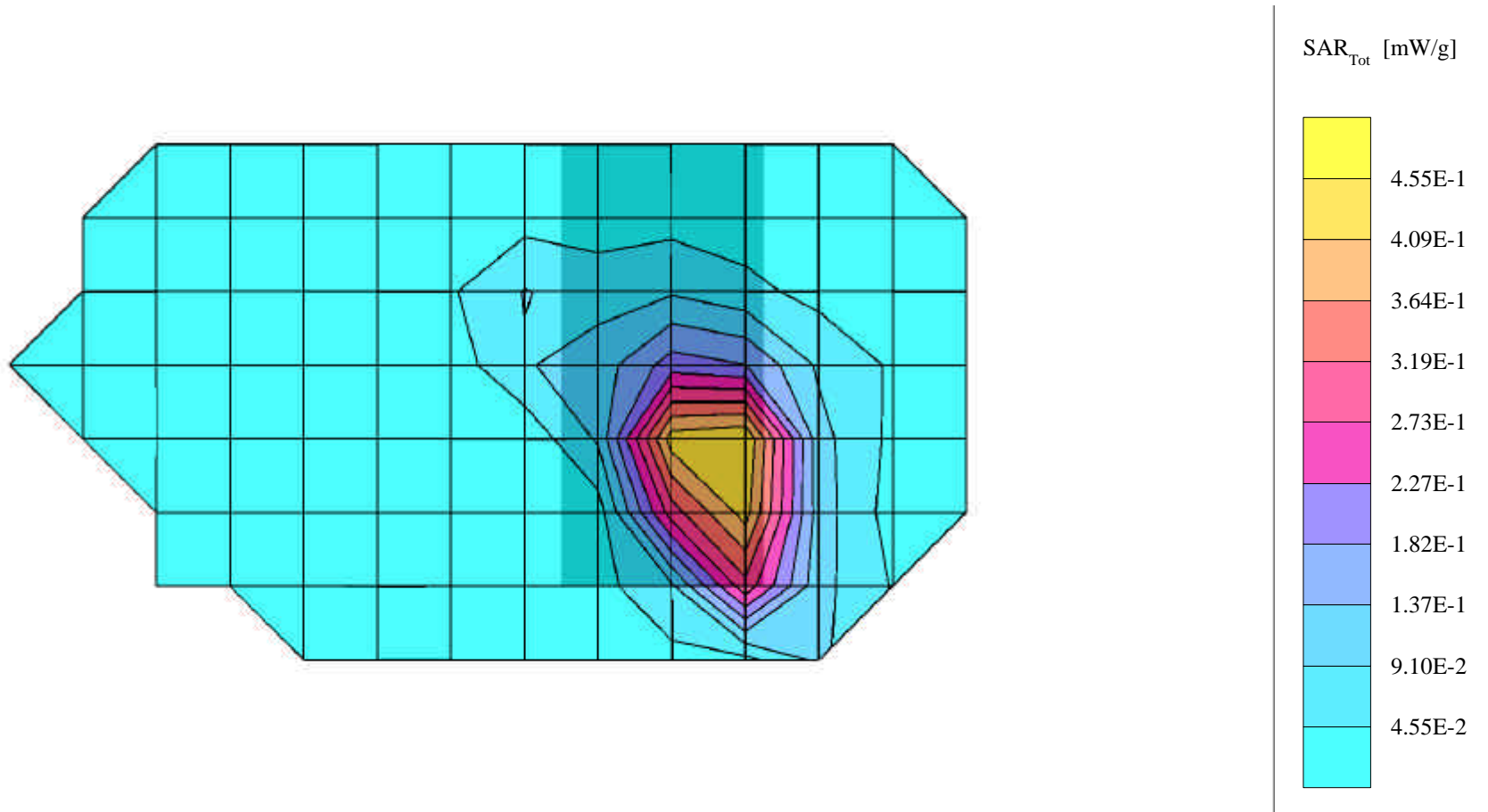
Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 5.8%

10/11/02



# GPRS 2 Slot Uplink

Body Position 90 Degrees to Phantom with Antenna Up and PHF Top Channel (810)

SAM Phantom; Flat

Probe: ET3DV6 - SN1529; ConvF(4.70,4.70,4.70);

Crest factor: 4.0; Body 1900MHz FCC:  $\sigma = 1.60$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Peak: 1.02 mW/g, SAR (1g): 0.557 mW/g

Lab Temperature 22.0 deg C, Fluid Temperature 19.8 deg C

SAR Drift 5.8%

10/11/02



SAR<sub>Tot</sub> [mW/g]

