Test Date: 20 September 2005
File Name: Validation 900 MHz (DAE442 Probe1377) 20-09-05.da4
DUT: Dipole 900 MHz; Type: DV900; Serial: 047

 * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
 * Medium parameters used: σ = 0.969155 mho/m, ε_r = 40.9815; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.18, 6.18, 6.18)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
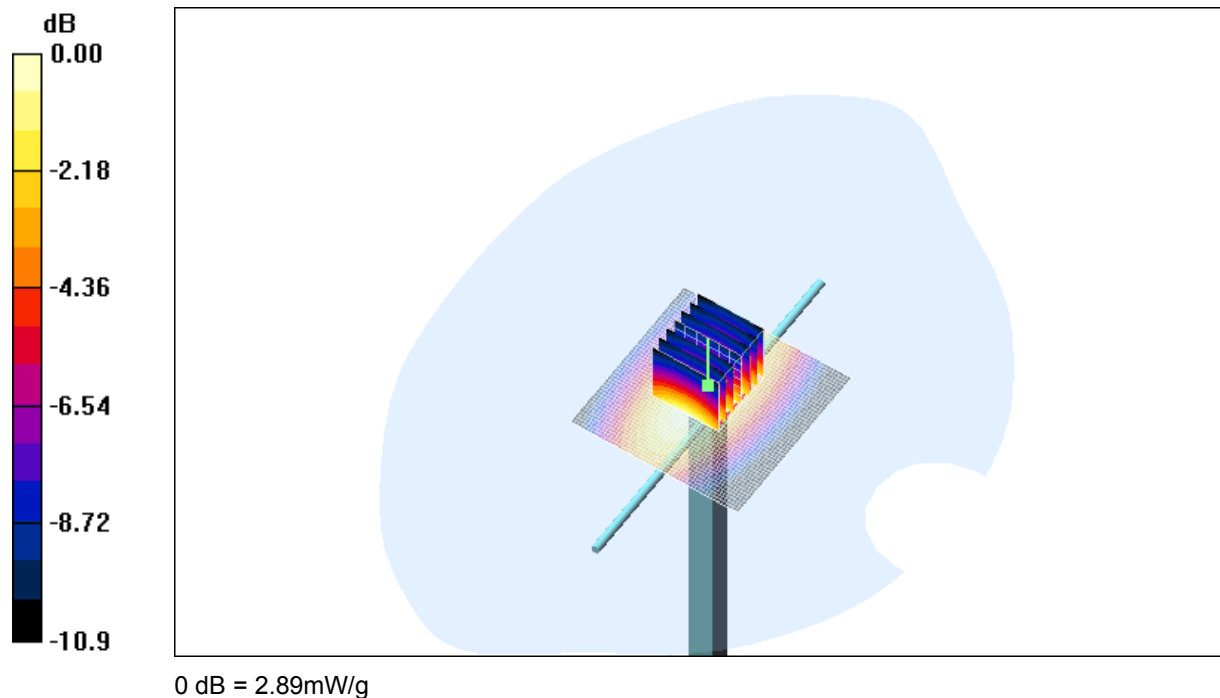Maximum value of SAR (interpolated) = 2.89 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.8 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 3.97 W/kg
SAR(1 g) = 2.66 mW/g; SAR(10 g) = 1.71 mW/g
Maximum value of SAR (measured) = 2.89 mW/g

0 dB = 2.89mW/g

SAR MEASUREMENT PLOT 33

Ambient Temperature	**20.1 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**46.0 %**

Test Date: 21 September 2005
File Name: Validation 900 MHz (DAE442 Probe1377) 21-09-05.da4
DUT: Dipole 900 MHz; Type: DV900; Serial: 047

 * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
 * Medium parameters used: σ = 0.959727 mho/m, ε_r = 41.0148; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.18, 6.18, 6.18)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
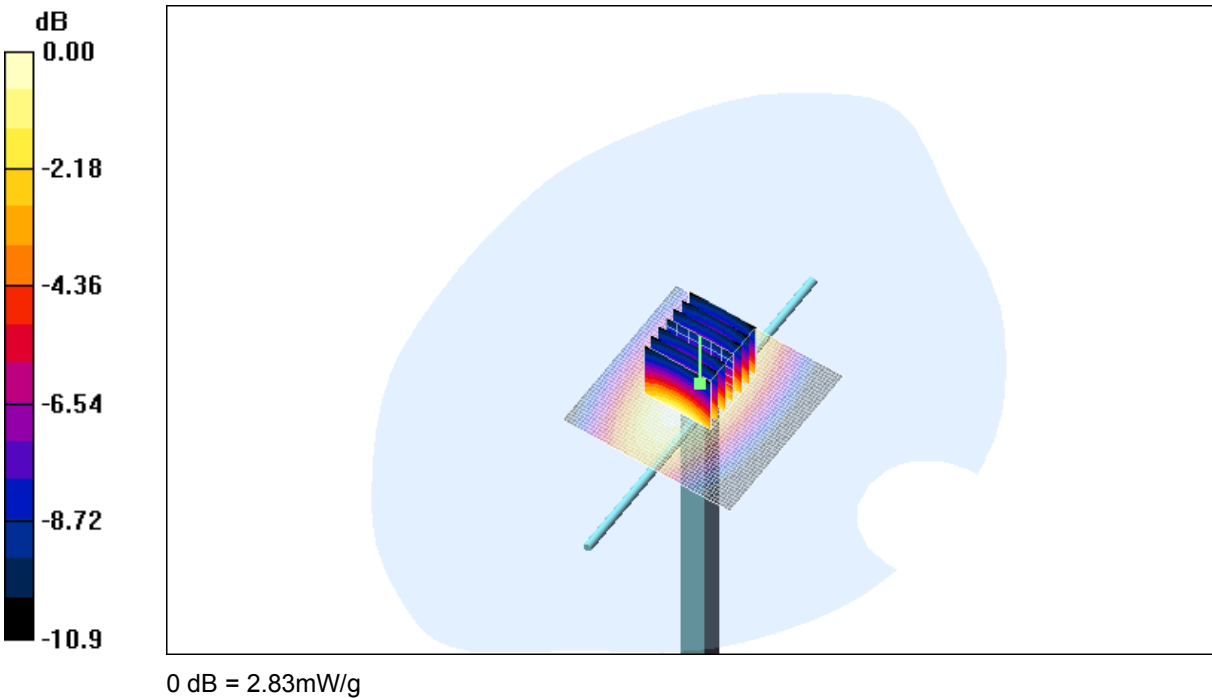Maximum value of SAR (interpolated) = 2.80 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.4 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 3.91 W/kg
SAR(1 g) = 2.61 mW/g; SAR(10 g) = 1.68 mW/g
Maximum value of SAR (measured) = 2.83 mW/g

0 dB = 2.83mW/g

SAR MEASUREMENT PLOT 34

Ambient Temperature	**19.7 Degrees Celsius**
Liquid Temperature	**19.5 Degrees Celsius**
Humidity	**44.0 %**

Test Date: 22 September 2005
File Name: Validation 900 MHz (DAE442 Probe1377) 22-09-05.da4
DUT: Dipole 900 MHz; Type: DV900; Serial: 047

 * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
 * Medium parameters used: σ = 0.97657 mho/m, ε_r = 41.8456; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.18, 6.18, 6.18)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
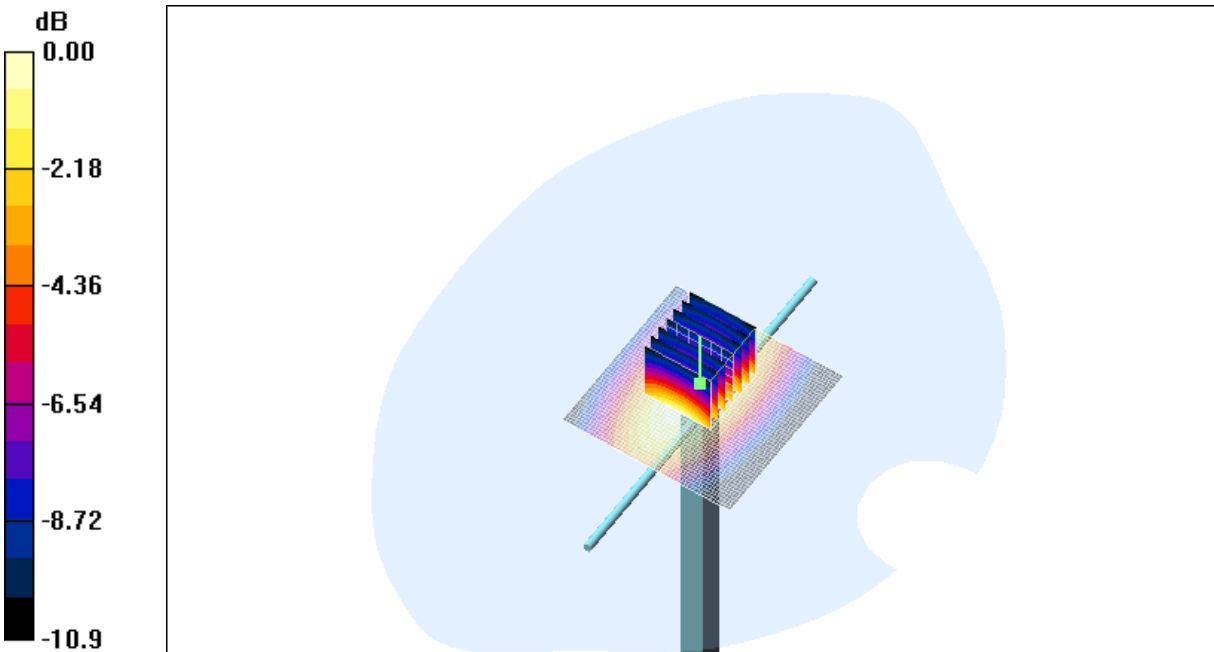Maximum value of SAR (interpolated) = 2.89 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.6 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.98 W/kg
SAR(1 g) = 2.67 mW/g; SAR(10 g) = 1.72 mW/g
Maximum value of SAR (measured) = 2.90 mW/g
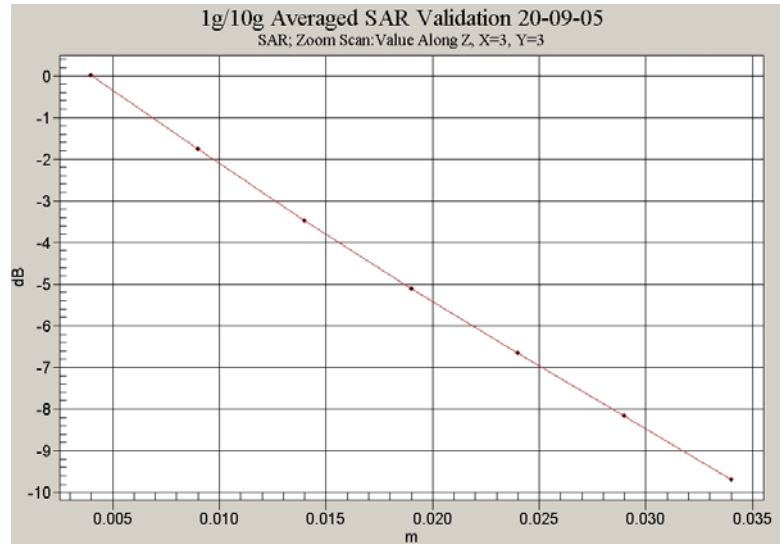

0 dB = 2.90mW/g

SAR MEASUREMENT PLOT 35

Ambient Temperature	**19.8 Degrees Celsius**
Liquid Temperature	**19.4 Degrees Celsius**
Humidity	**52.0 %**

Z-Axis scan for Plot 33

Z-Axis scan for Plot 34
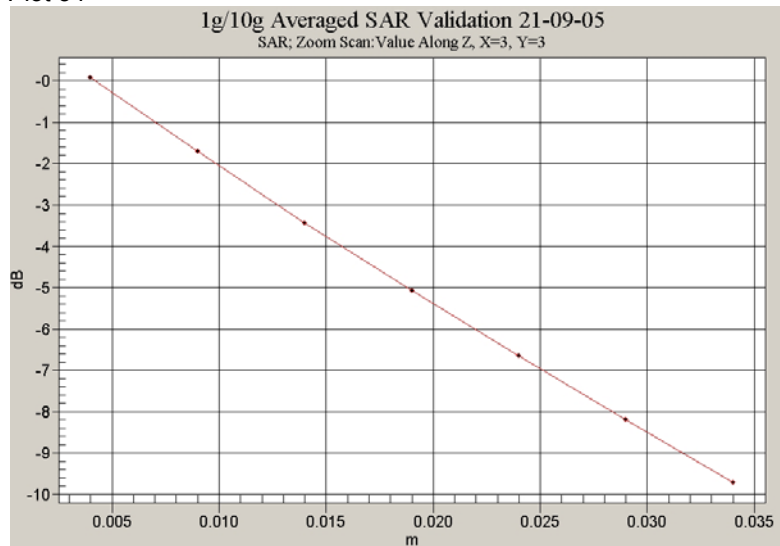
Z-Axis scan for Plot 35

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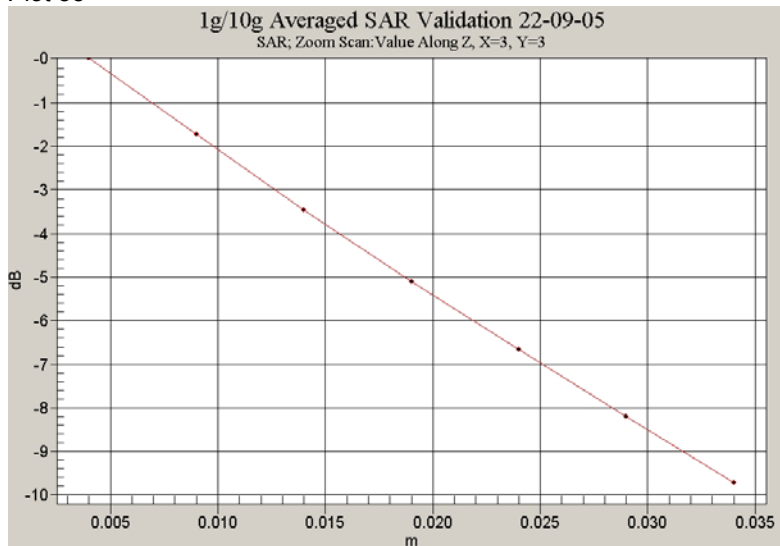
Test Date: 23 September 2005
File Name: Validation 900 MHz (DAE442 Probe1377) 23-09-05.da4
DUT: Dipole 900 MHz; Type: DV900; Serial: 047

 * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
 * Medium parameters used: σ = 0.956075 mho/m, $ε_r$ = 41.123; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.18, 6.18, 6.18)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
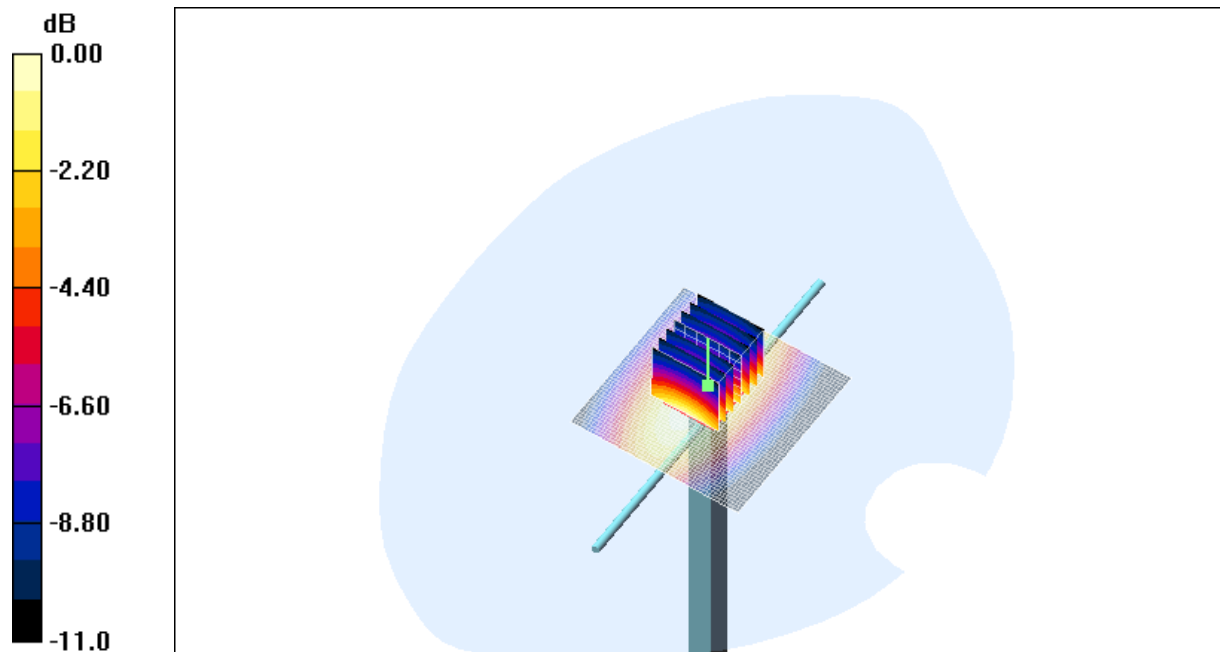Maximum value of SAR (interpolated) = 2.90 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.2 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.00 W/kg
SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.73 mW/g
Maximum value of SAR (measured) = 2.91 mW/g

0 dB = 2.91mW/g

SAR MEASUREMENT PLOT 36

Ambient Temperature   **20.1 Degrees Celsius**
Liquid Temperature   **19.5 Degrees Celsius**
Humidity   **58.0 %**

Test Date: 26 September 2005
File Name: Validation 900 MHz (DAE442 Probe1377) 26-09-05.da4
DUT: Dipole 900 MHz; Type: DV900; Serial: 047

 * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
 * Medium parameters used: σ = 0.983304 mho/m, ε_r = 42.3849; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.18, 6.18, 6.18)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
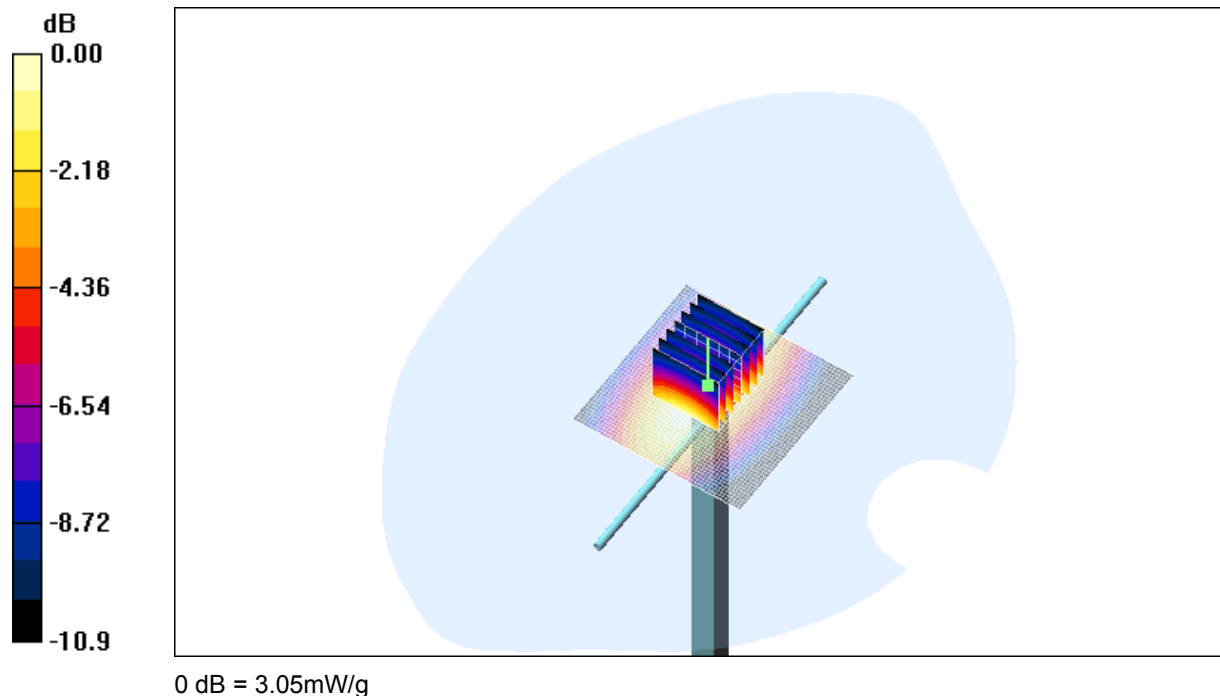Maximum value of SAR (interpolated) = 3.03 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.5 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 4.20 W/kg
SAR(1 g) = 2.8 mW/g; SAR(10 g) = 1.8 mW/g
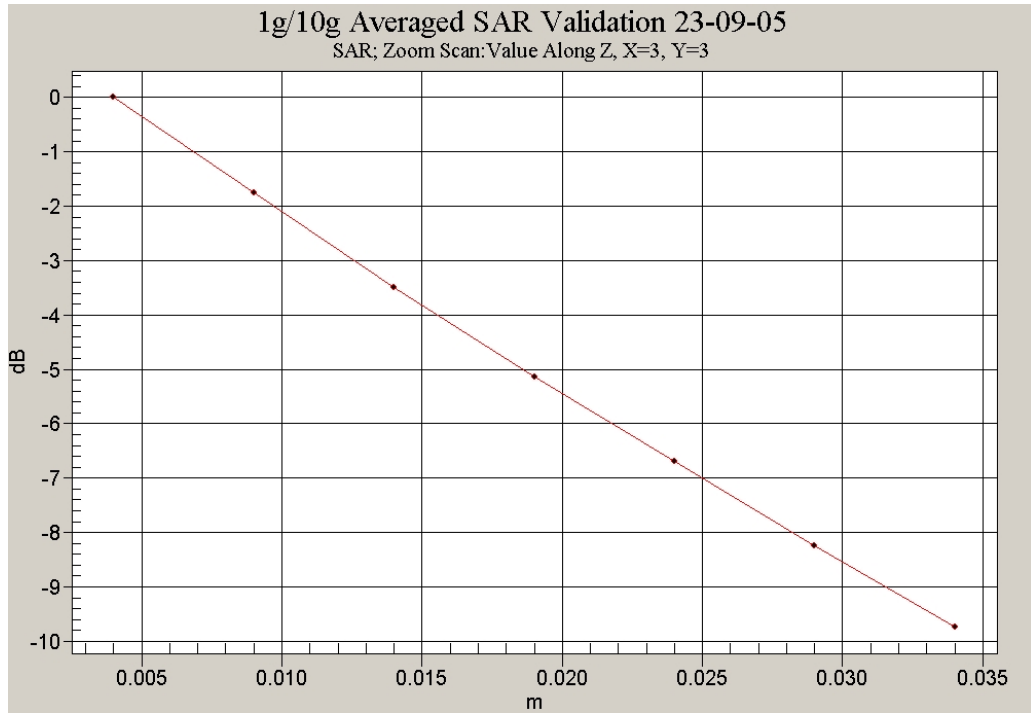Maximum value of SAR (measured) = 3.05 mW/g

0 dB = 3.05mW/g

SAR MEASUREMENT PLOT 37

Ambient Temperature   **20.0 Degrees Celsius**
Liquid Temperature   **19.6 Degrees Celsius**
Humidity   **48.0 %**

Z-Axis scan for Plot 36

1g/10g Averaged SAR Validation 23-09-05
SAR; Zoom Scan:Value Along Z, X=3, Y=3

Z-Axis scan for Plot 37

1g/10g Averaged SAR Validation 26-09-05
SAR; Zoom Scan:Value Along Z, X=3, Y=3

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