

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: $\sigma = 0.969155$ mho/m, $\epsilon_r = 40.9815$; $\rho = 1000$ kg/m³

- 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

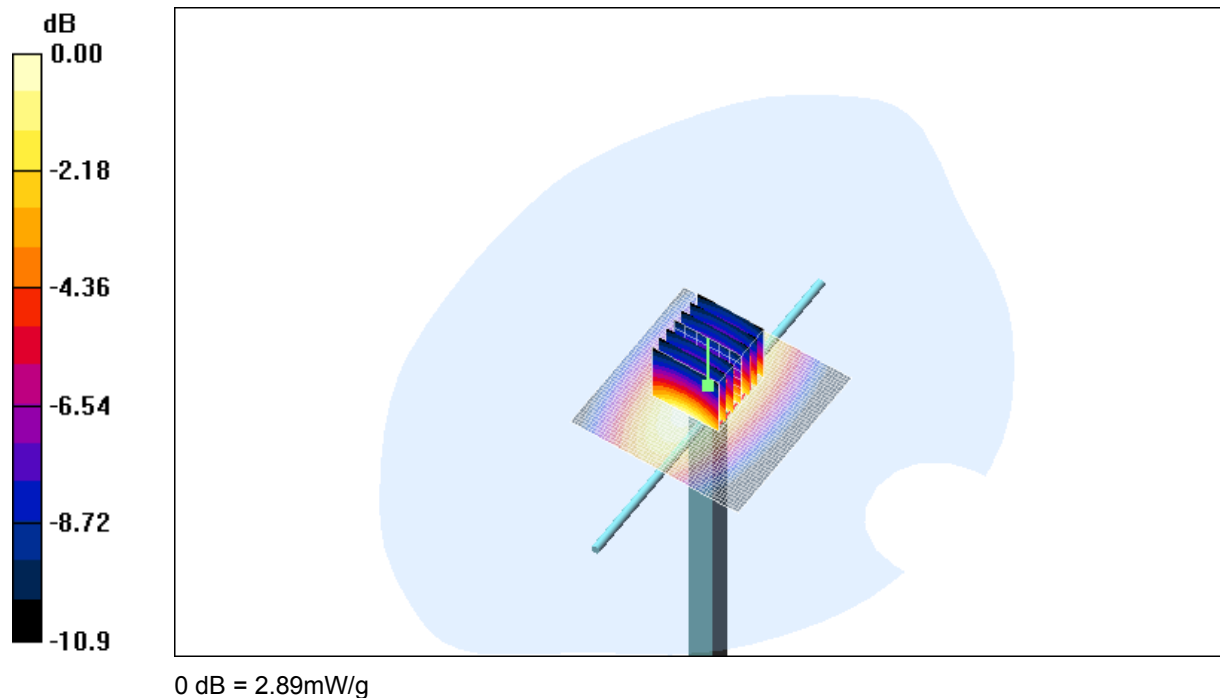
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



SAR MEASUREMENT PLOT 33

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
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: $\sigma = 0.959727$ mho/m, $\epsilon_r = 41.0148$; $\rho = 1000$ kg/m³

- 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

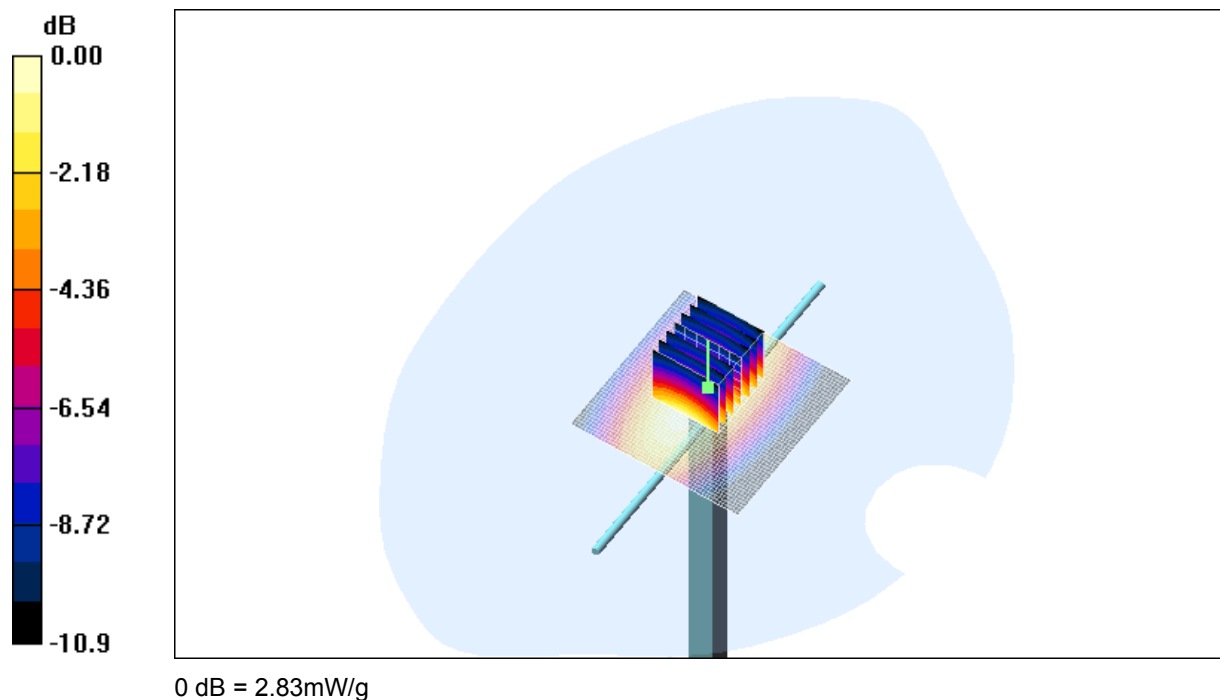
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



SAR MEASUREMENT PLOT 34

Ambient Temperature
Liquid Temperature
Humidity

19.7 Degrees Celsius
19.5 Degrees Celsius
44.0 %



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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: $\sigma = 0.97657$ mho/m, $\epsilon_r = 41.8456$; $\rho = 1000$ kg/m³

- 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

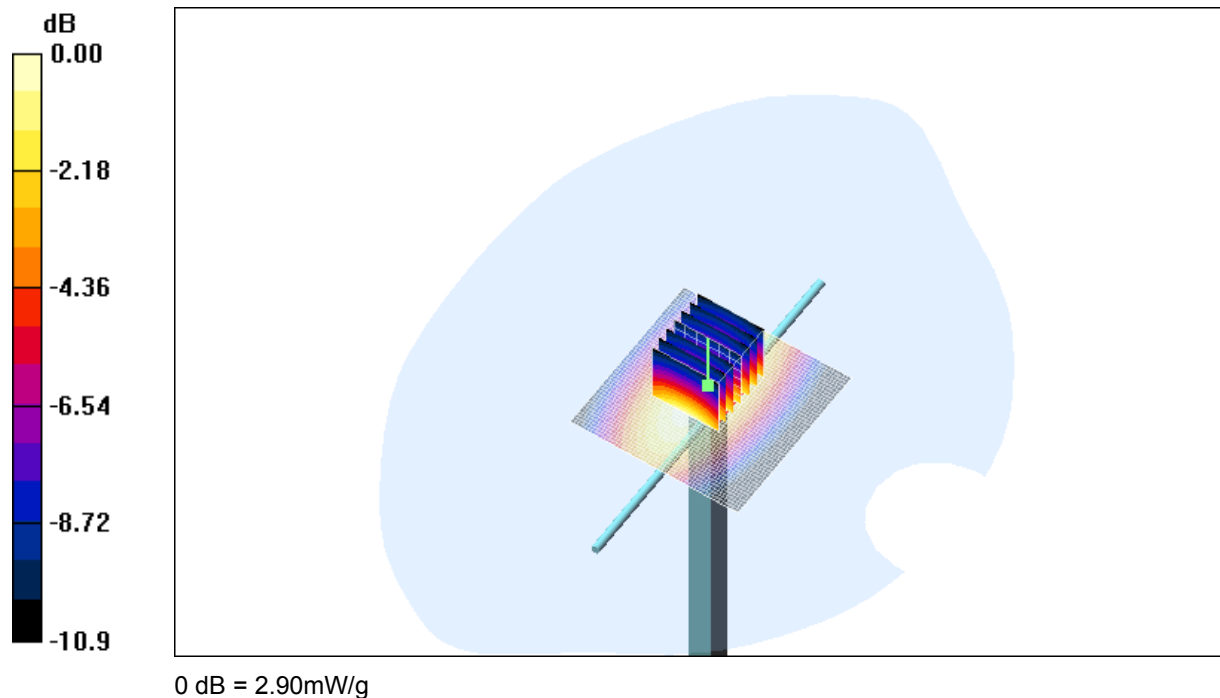
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



SAR MEASUREMENT PLOT 35

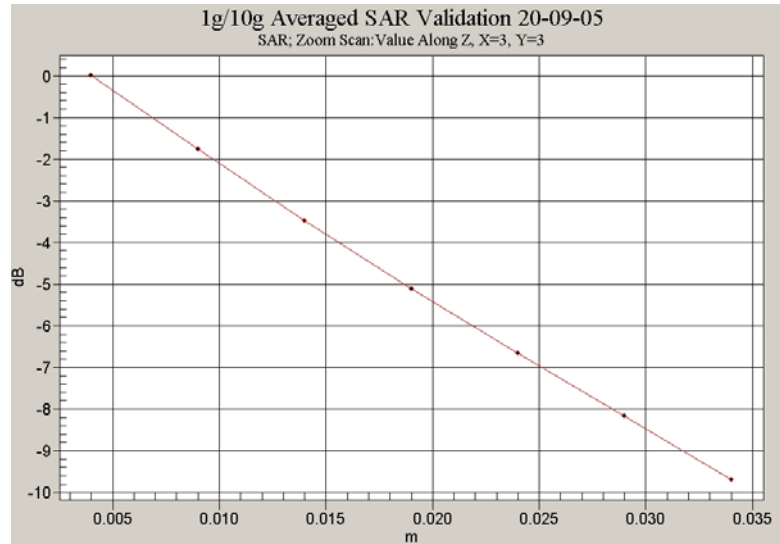
Ambient Temperature
Liquid Temperature
Humidity

19.8 Degrees Celsius
19.4 Degrees Celsius
52.0 %

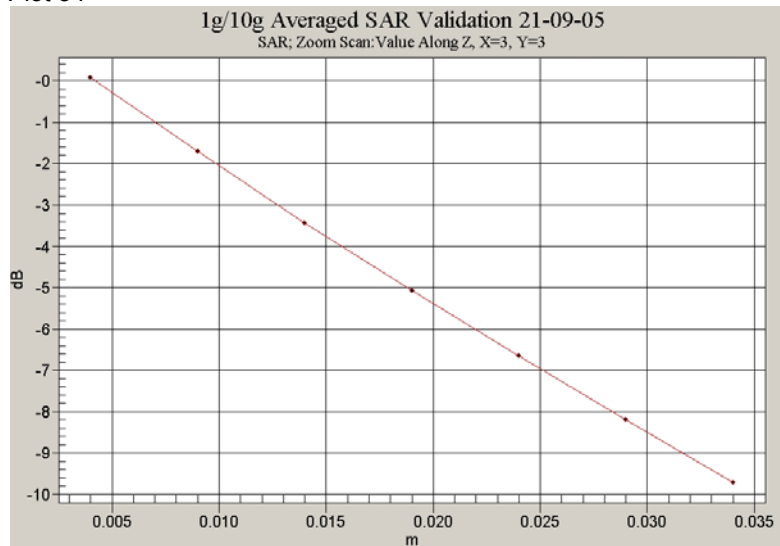


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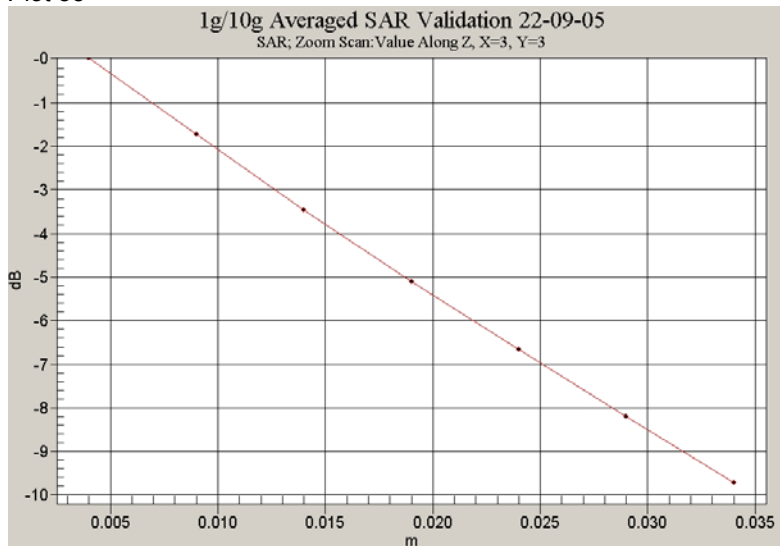
Z-Axis scan for Plot 33



Z-Axis scan for Plot 34



Z-Axis scan for Plot 35



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: $\sigma = 0.956075$ mho/m, $\epsilon_r = 41.123$; $\rho = 1000$ kg/m³

- 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

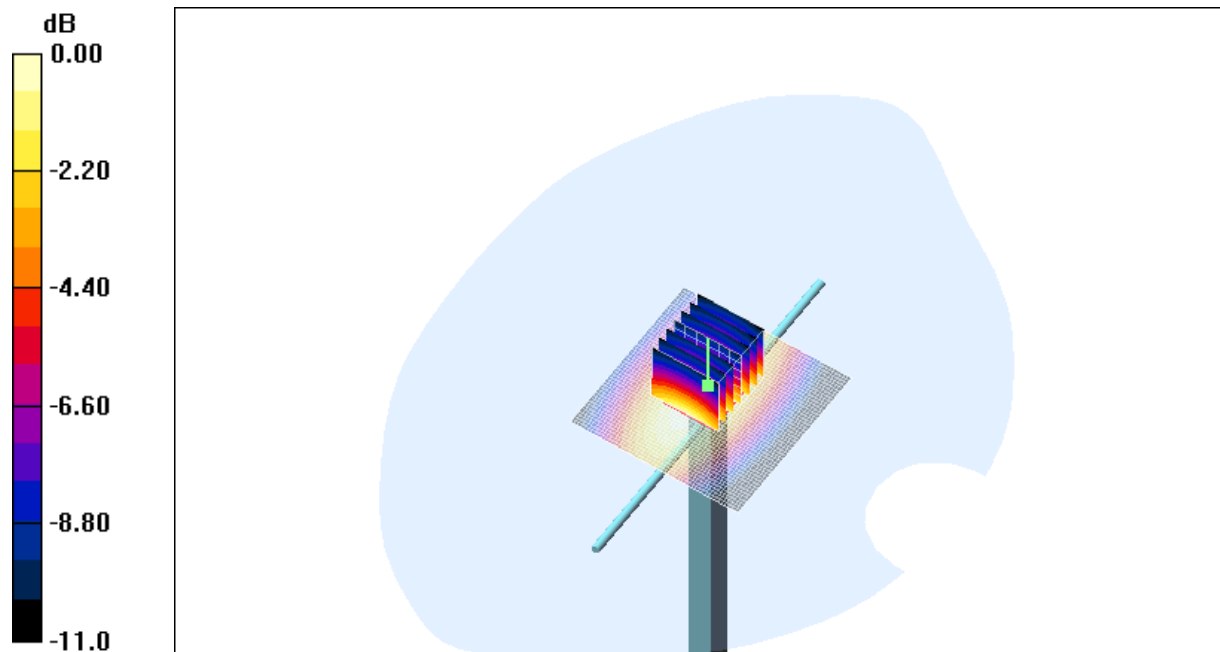
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.5 Degrees Celsius
58.0 %



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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: $\sigma = 0.983304$ mho/m, $\epsilon_r = 42.3849$; $\rho = 1000$ kg/m³

- 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

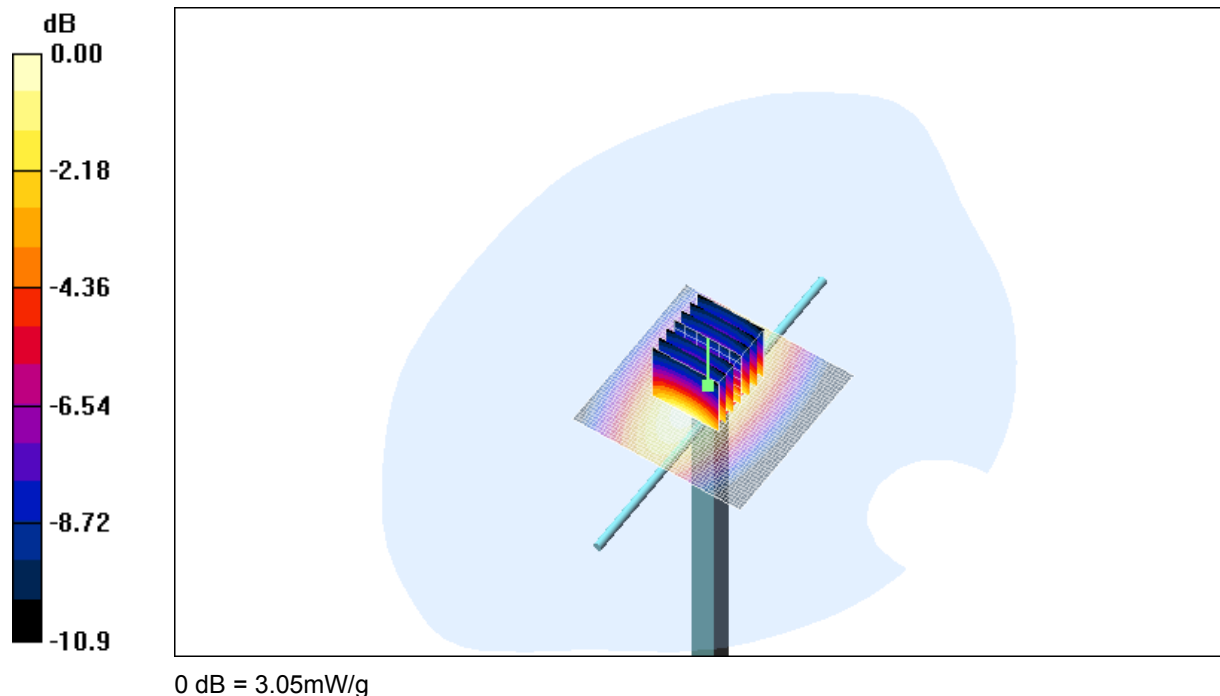
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

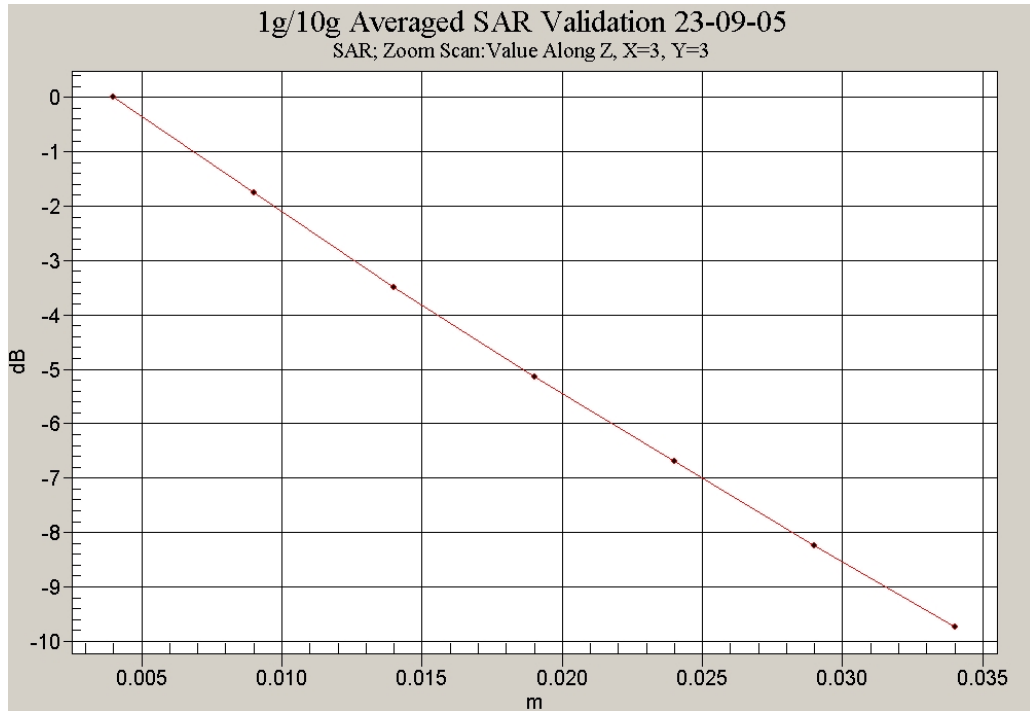


SAR MEASUREMENT PLOT 37

Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
48.0 %

Z-Axis scan for Plot 36



Z-Axis scan for Plot 37

