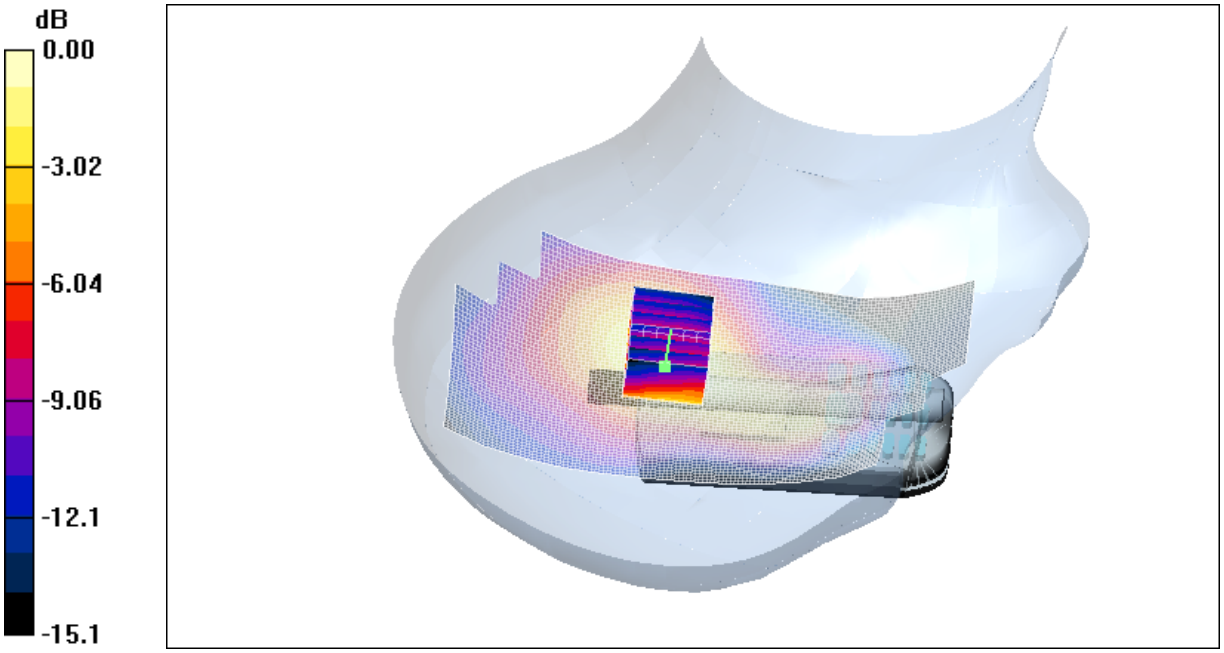
Test Date: 16 February 2006
File Name: Touch Right 1600 MHz (DAE442 Probe1380) 16-02-06.da4
DUT: Thuraya Satelite Phone; Type: SG-2520; Serial: IMEI:36601300-030053-6

* Communication System: 1640 MHz Satelite; Frequency: 1643 MHz; Duty Cycle: 1:8
* Medium parameters used: σ = 1.25216 mho/m, ε_r = 40.2643; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.42, 5.42, 5.42)
- Phantom: SAM 22; Serial: 1260; Phantom section: Right Section

Channel 0544 Test/Area Scan (131x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Channel 0544 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.60 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.242mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**64.0 %**

Test Date: 16 February 2006

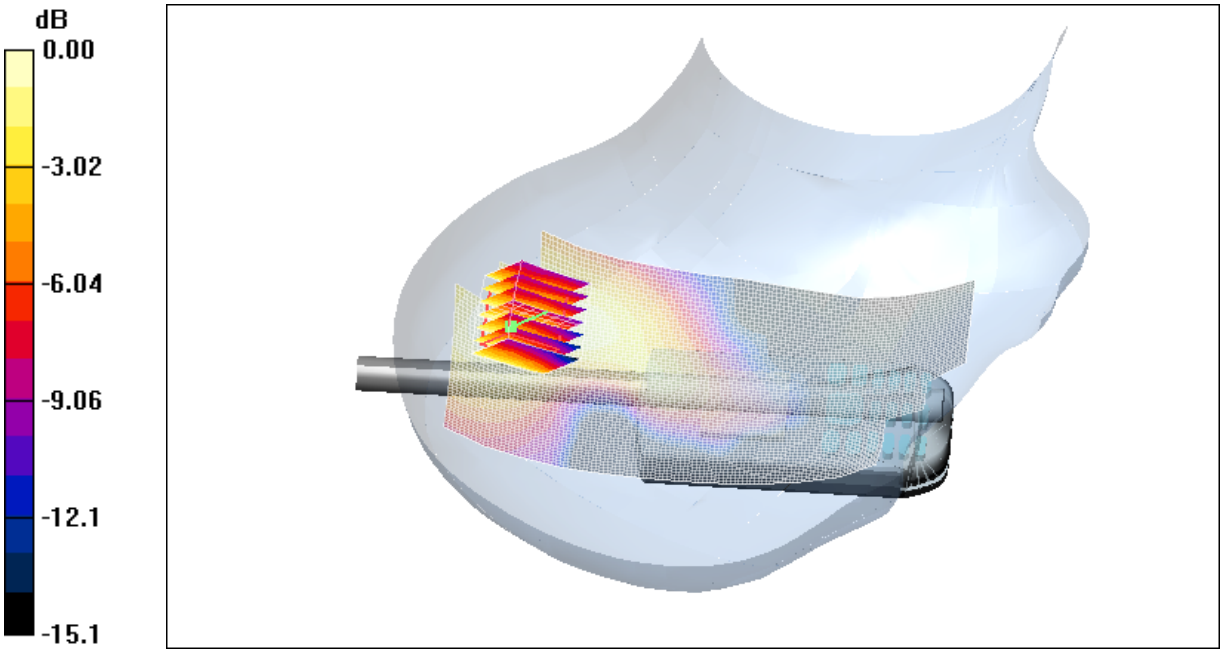
File Name: Touch Right Extended Antenna 1600 MHz (DAE442 Probe1380) 16-02-06.da4

DUT: Thuraya Satelite Phone; Type: SG-2520; Serial: IMEI:36601300-030053-6

* Communication System: 1640 MHz Satelite; Frequency: 1643 MHz; Duty Cycle: 1:8
* Medium parameters used: σ = 1.25216 mho/m, ε_r = 40.2643; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.42, 5.42, 5.42)
- Phantom: SAM 22; Serial: 1260; Phantom section: Right Section

Channel 0544 Test/Area Scan (171x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.060 mW/g

Channel 0544 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.26 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.061 mW/g

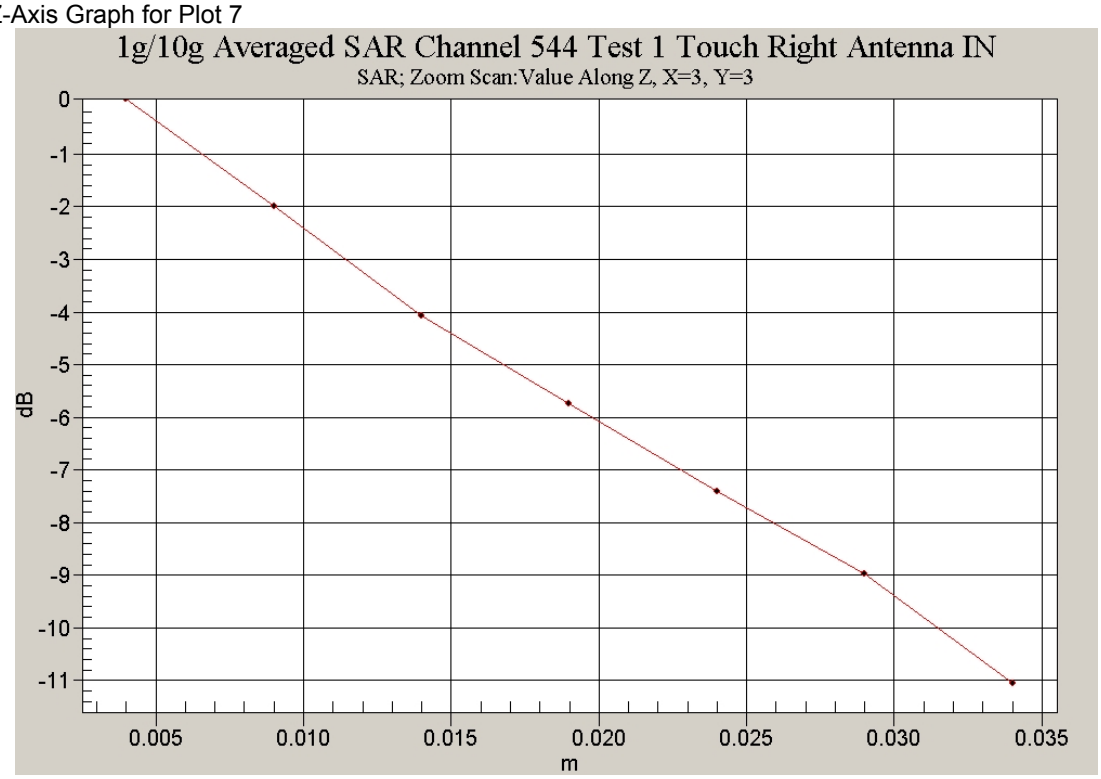


0 dB = 0.061mW/g

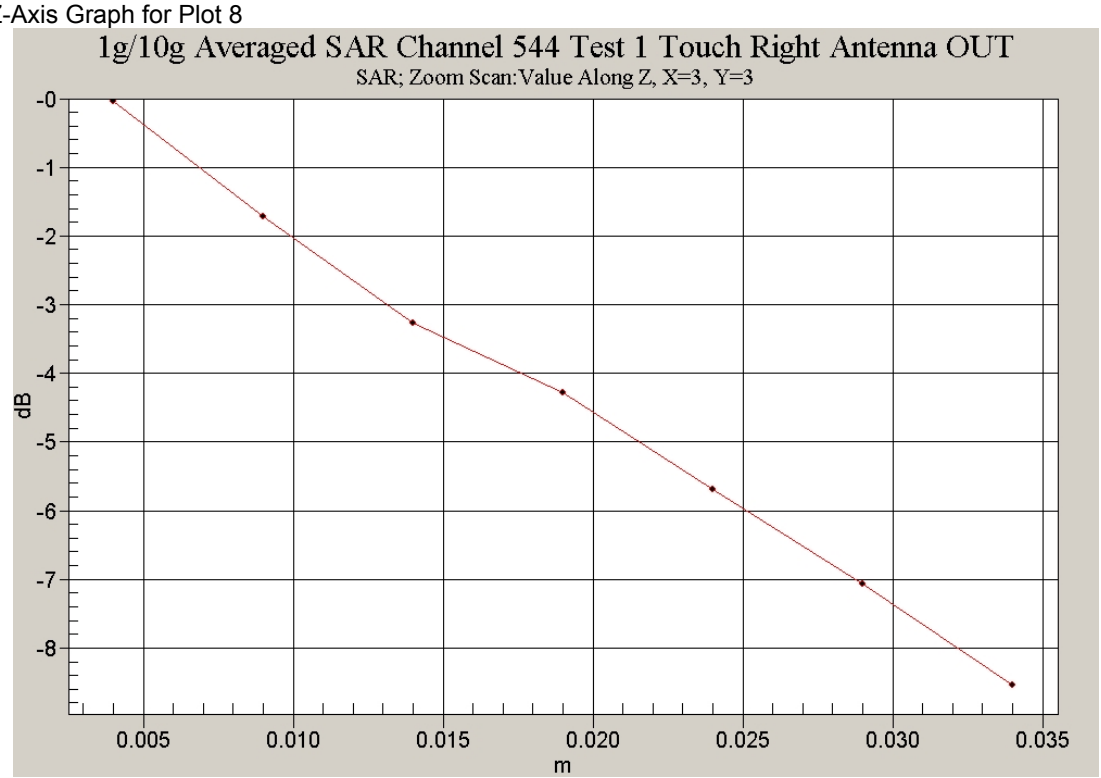
SAR MEASUREMENT PLOT 8

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**64.0 %**

Z-Axis Graph for Plot 7



Z-Axis Graph for Plot 8

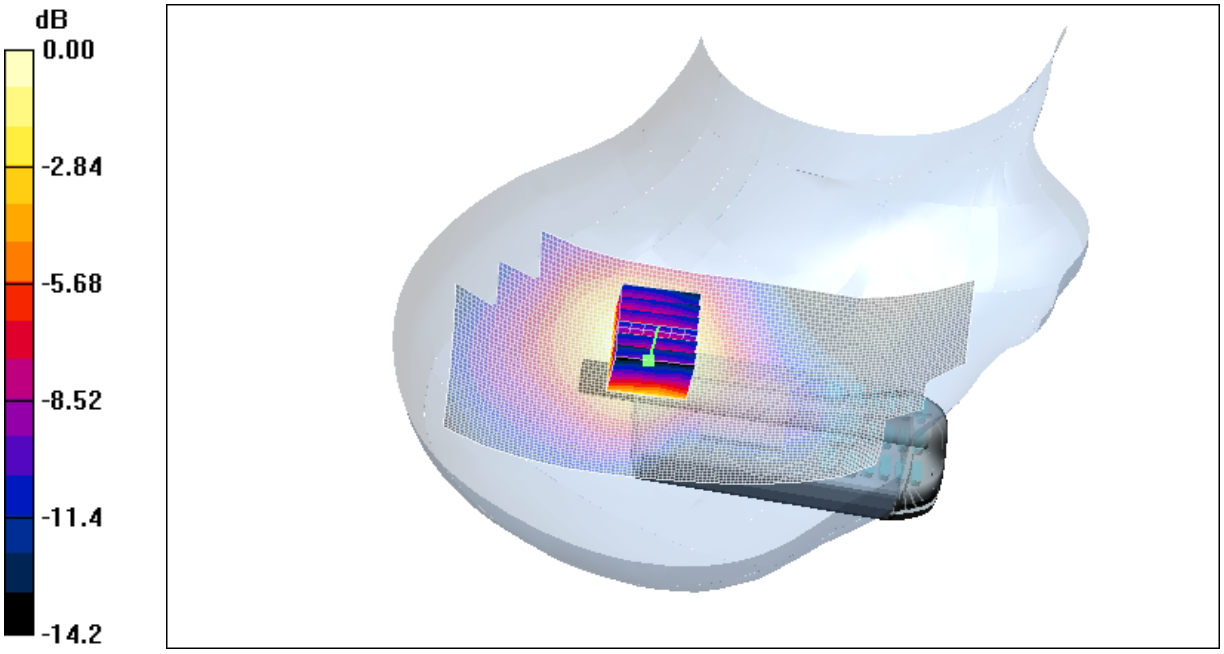


Test Date: 17 February 2006
File Name: Tilted Right 1600 MHz (DAE442 Probe1380) 17-02-06.da4
DUT: Thuraya Satelite Phone; Type: SG-2520; Serial: IMEI:36601300-030053-6

* Communication System: 1640 MHz Satelite; Frequency: 1643 MHz; Duty Cycle: 1:8
* Medium parameters used: σ = 1.26223 mho/m, ε_r = 40.239; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.42, 5.42, 5.42)
- Phantom: SAM 22; Serial: 1260; Phantom section: Right Section

Channel 0544 Test/Area Scan (131x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Channel 0544 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.40 V/m; Power Drift = 0.189 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.229 mW/g



0 dB = 0.229mW/g

SAR MEASUREMENT PLOT 9

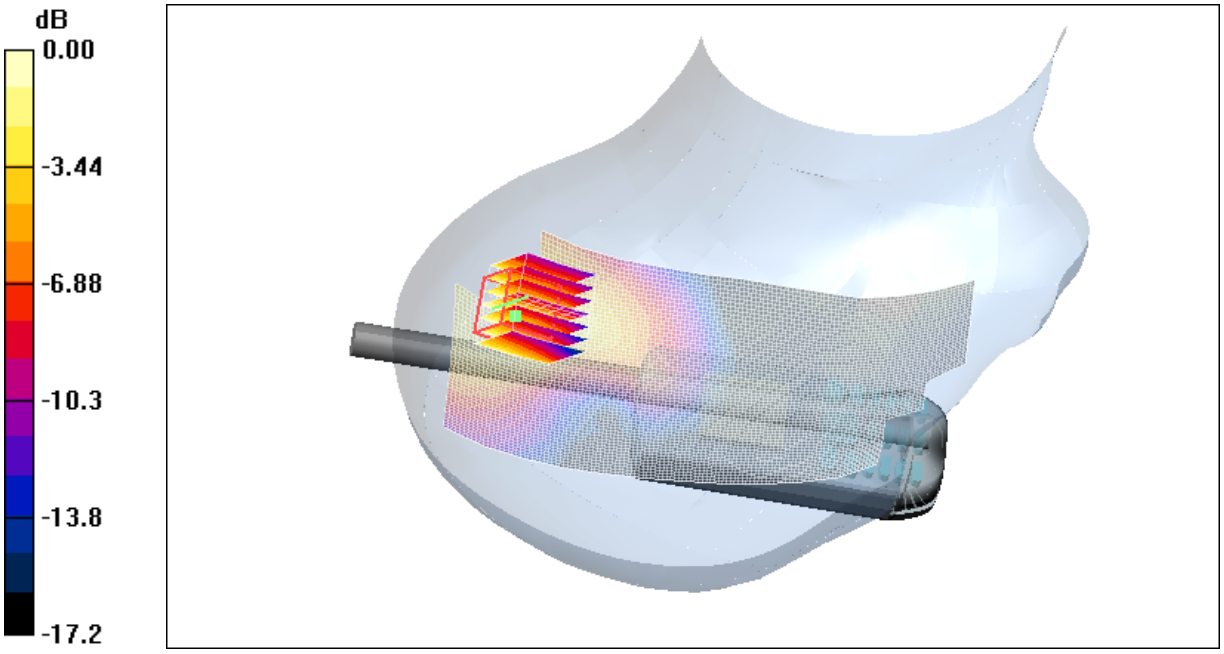
Ambient Temperature	**21.7 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**62.0 %**

Test Date: 17 February 2006
File Name: Tilted Right Extended Antenna 1600 MHz (DAE442 Probe1380) 17-02-06.da4
DUT: Thuraya Satelite Phone; Type: SG-2520; Serial: IMEI:36601300-030053-6

* Communication System: 1640 MHz Satelite; Frequency: 1643 MHz; Duty Cycle: 1:8
* Medium parameters used: σ = 1.26223 mho/m, ε_r = 40.239; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.42, 5.42, 5.42)
- Phantom: SAM 22; Serial: 1260; Phantom section: Right Section

Channel 0544 Test/Area Scan (171x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.178 mW/g

Channel 0544 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.60 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.186 mW/g

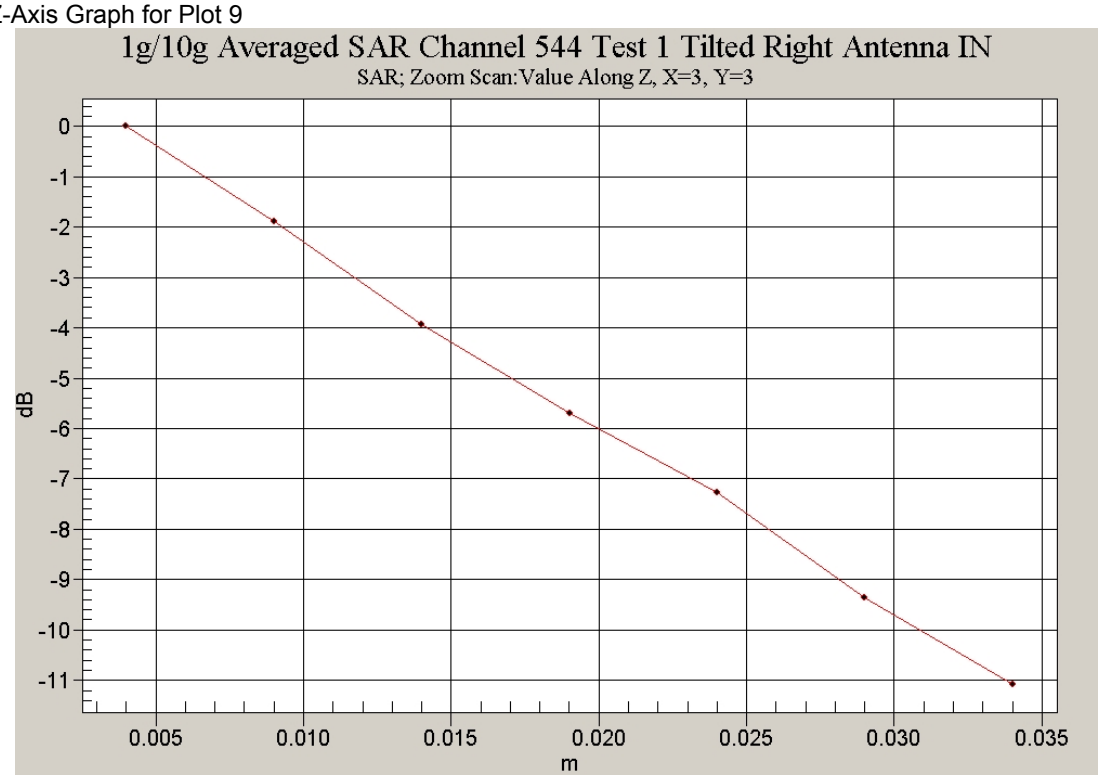


0 dB = 0.186mW/g

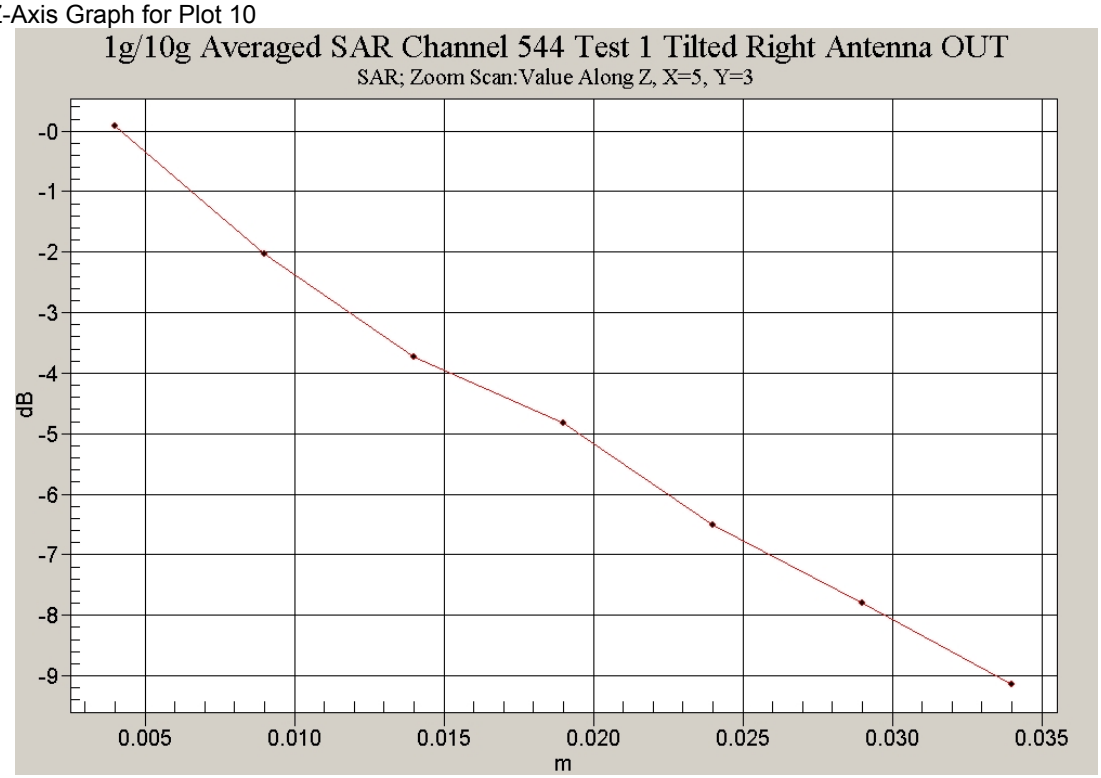
SAR MEASUREMENT PLOT 10

Ambient Temperature	**21.7 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**62.0 %**

Z-Axis Graph for Plot 9



Z-Axis Graph for Plot 10

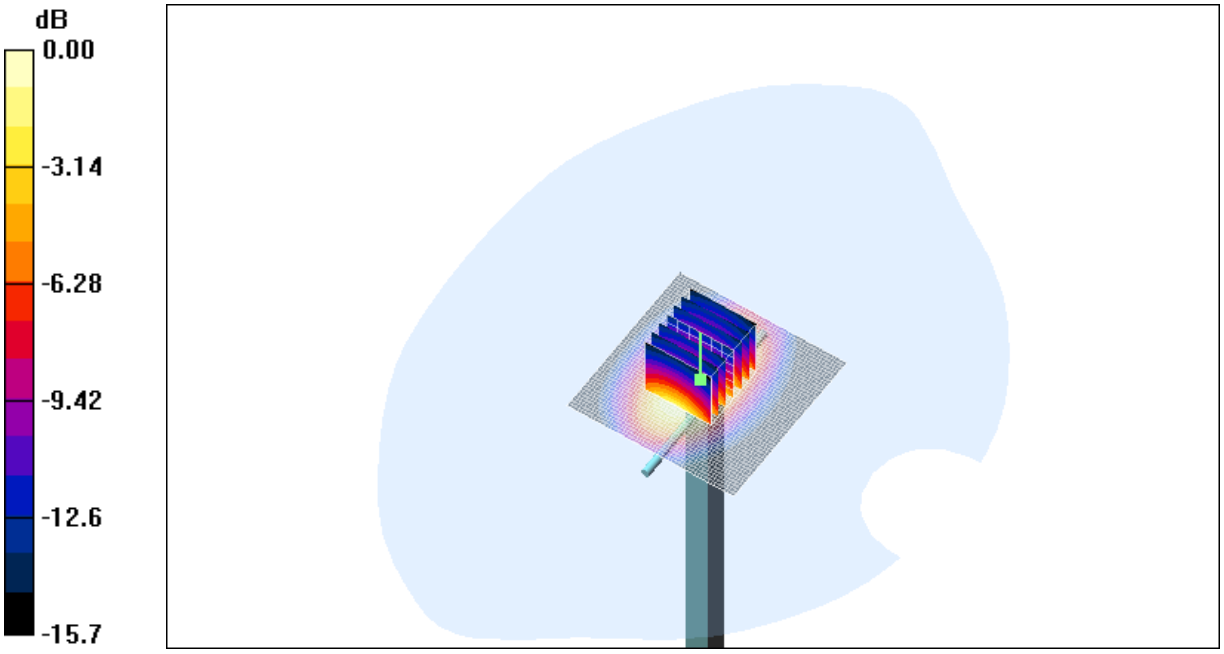


Test Date: 16 February 2006
File Name: Validation 1640 MHz (DAE442 Probe1380) 16-02-06.da4
DUT: Dipole 1640 MHz; Type: DV1640V2; Serial: 314

* Communication System: CW 1640 MHz; Frequency: 1640 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.25252 mho/m, ε_r = 40.2881; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.42, 5.42, 5.42)
- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.6 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.1 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 18.4 W/kg
SAR(1 g) = 8.99 mW/g; SAR(10 g) = 4.76 mW/g
Maximum value of SAR (measured) = 9.77 mW/g



0 dB = 9.77mW/g

SAR MEASUREMENT PLOT 11

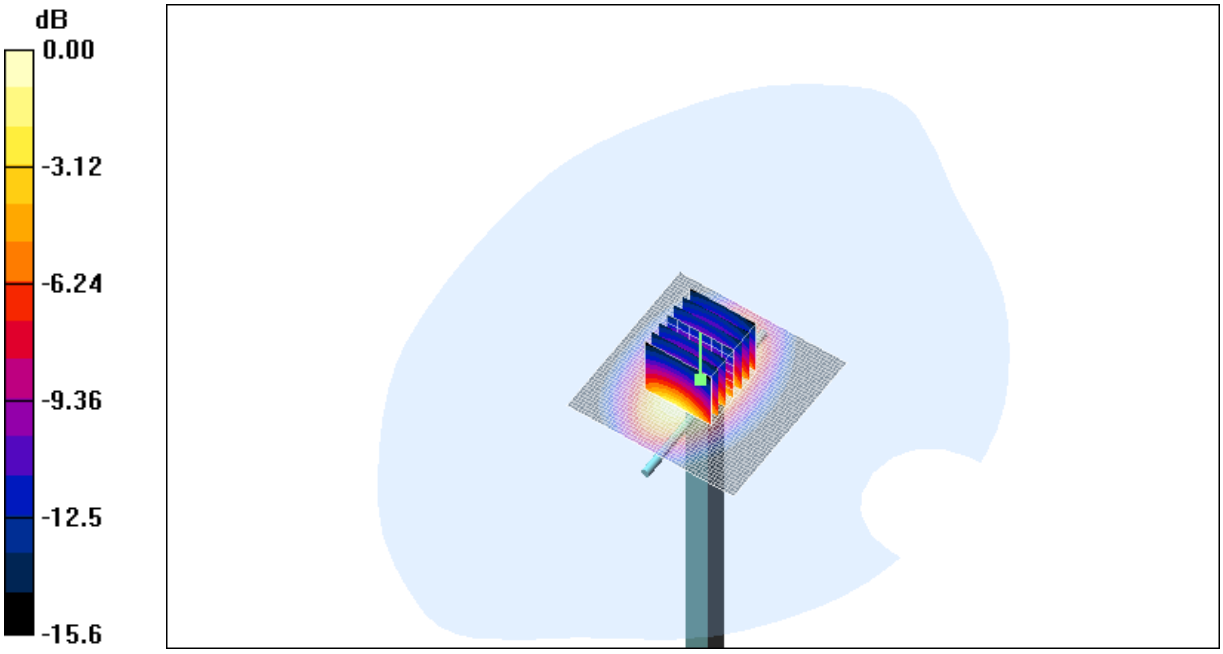
Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**64.0 %**

Test Date: 17 February 2006
File Name: Validation 1640 MHz (DAE442 Probe1380) 17-02-06.da4
DUT: Dipole 1640 MHz; Type: DV1640V2; Serial: 314

* Communication System: CW 1640 MHz; Frequency: 1640 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.2593 mho/m, ε_r = 40.2812; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.42, 5.42, 5.42)
- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.6 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.2 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 8.85 mW/g; SAR(10 g) = 4.7 mW/g
Maximum value of SAR (measured) = 9.67 mW/g

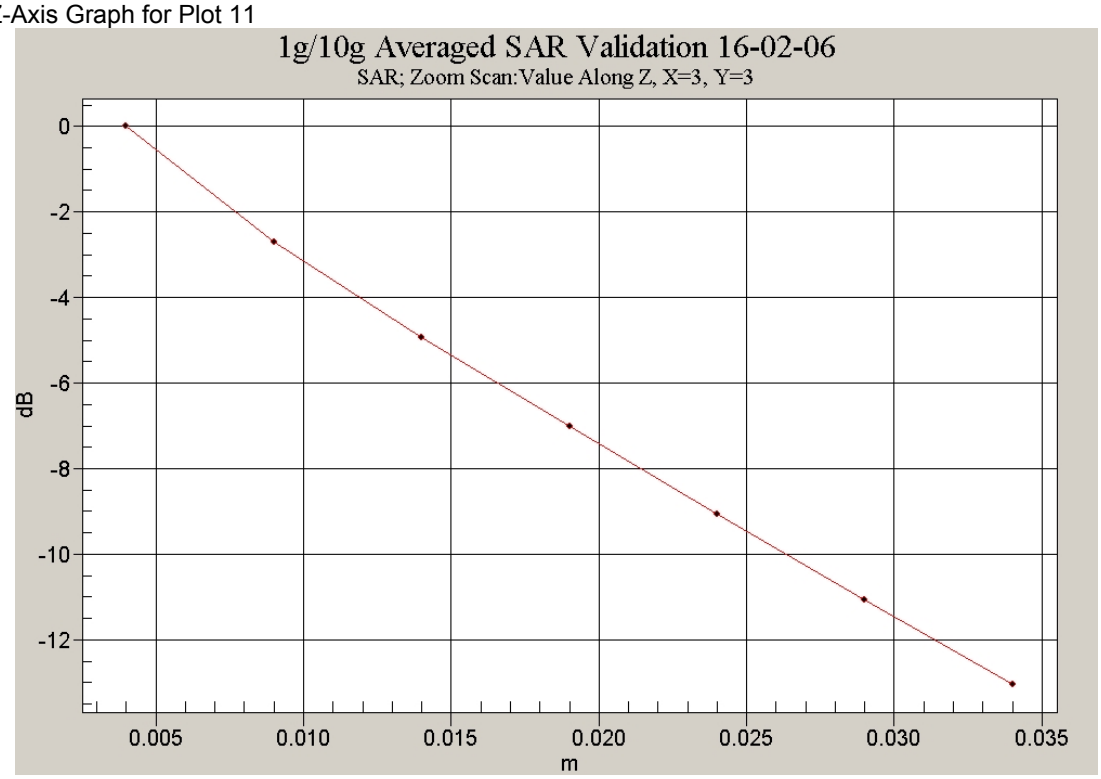


0 dB = 9.67mW/g

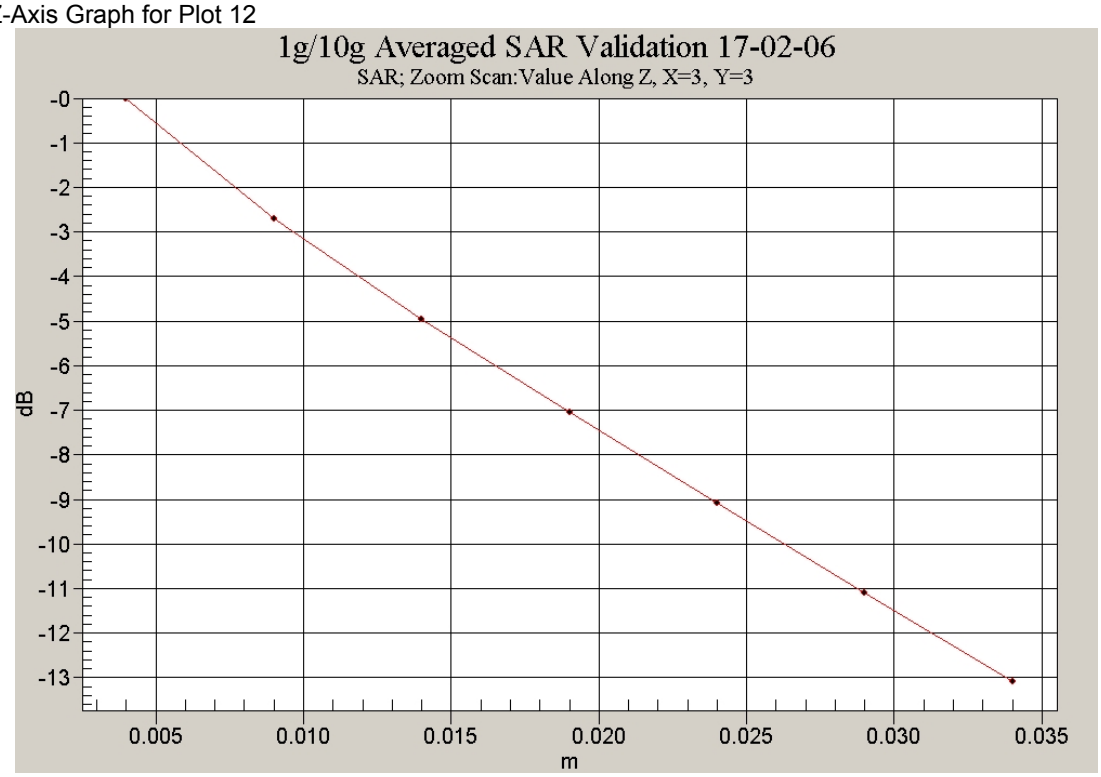
SAR MEASUREMENT PLOT 12

Ambient Temperature	**21.7 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**62.0 %**

Z-Axis Graph for Plot 11



Z-Axis Graph for Plot 12



APPENDIX C
SAR TESTING EQUIPMENT CALIBRATION CERTIFICATE ATTACHMENTS

Calibration Certificate Attachments

1. 1380 E-Field Probe Calibration Sheet	9 Pages
2. 1600MHz Dipole Calibration Sheet	6 pages