

Test Laboratory: EMC Technologies Pty Ltd

File Name: Validation 450 MHz (DAE442 Probe1377)27-02-03.da4

DUT: Dipole 450 MHz Type & Serial Number: D450V2, S/N:1009
Program: Validation 450 MHz; Channel 1 Test

Communication System: CW 450 MHz; Frequency: 450 MHz; Duty Cycle: 1:1
Medium: FCC 450MHz Head ($\sigma = 0.9$ mho/m, $\epsilon = 43.92$, $\rho = 1000$ kg/m³)
Phantom section: FlatSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1377; ConvF(7.2, 7.2, 7.2); Calibrated: 6-Sept-2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn442; Calibrated: 23-Oct-2002
- Phantom: Flat Phantom - TP: P 4.4
- Software: DASY4, V4.0 Build 51

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

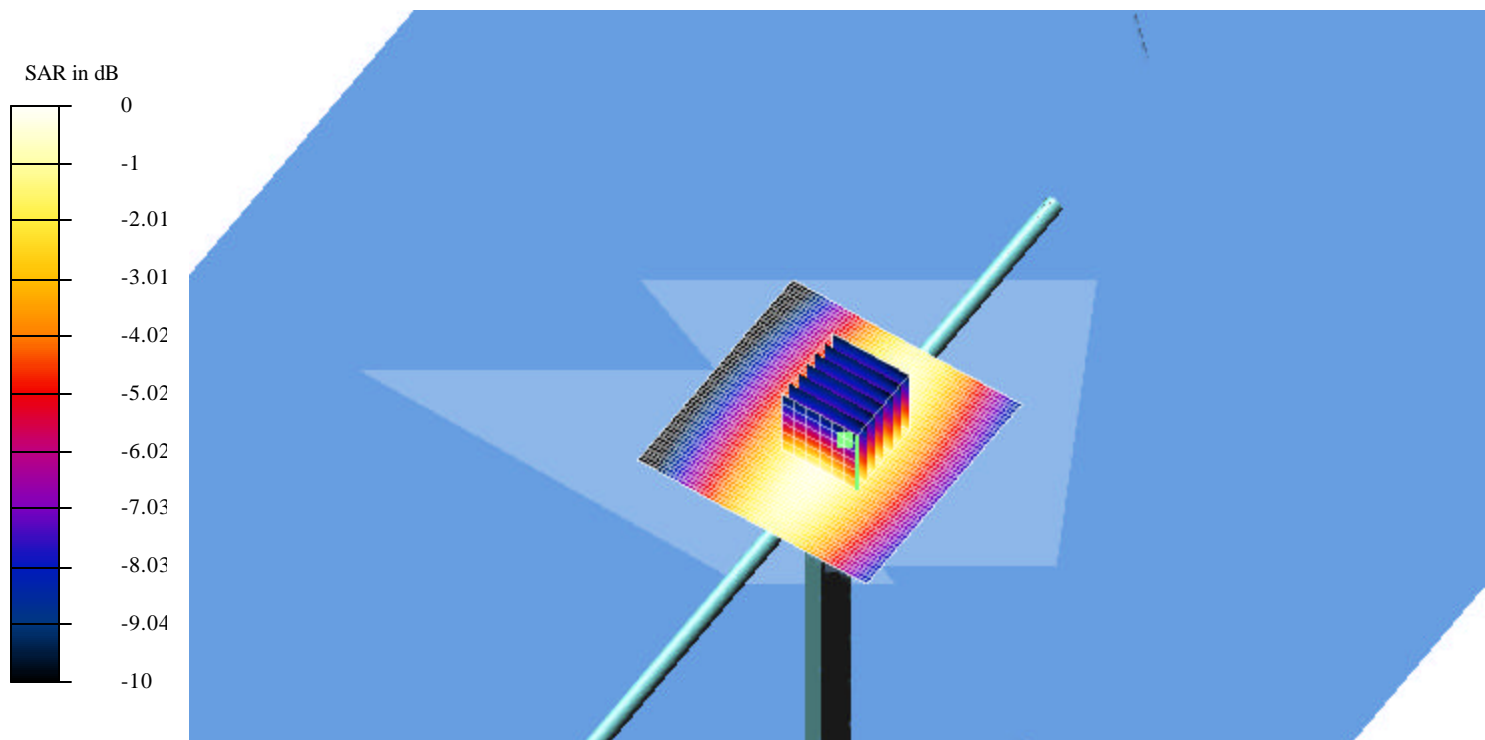
Reference Value = 0.838 V/m

Peak SAR = 1.98 mW/g

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.817 mW/g

Power Drift = 0.9 dB

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm



Temperature Ambient = 20.7°C

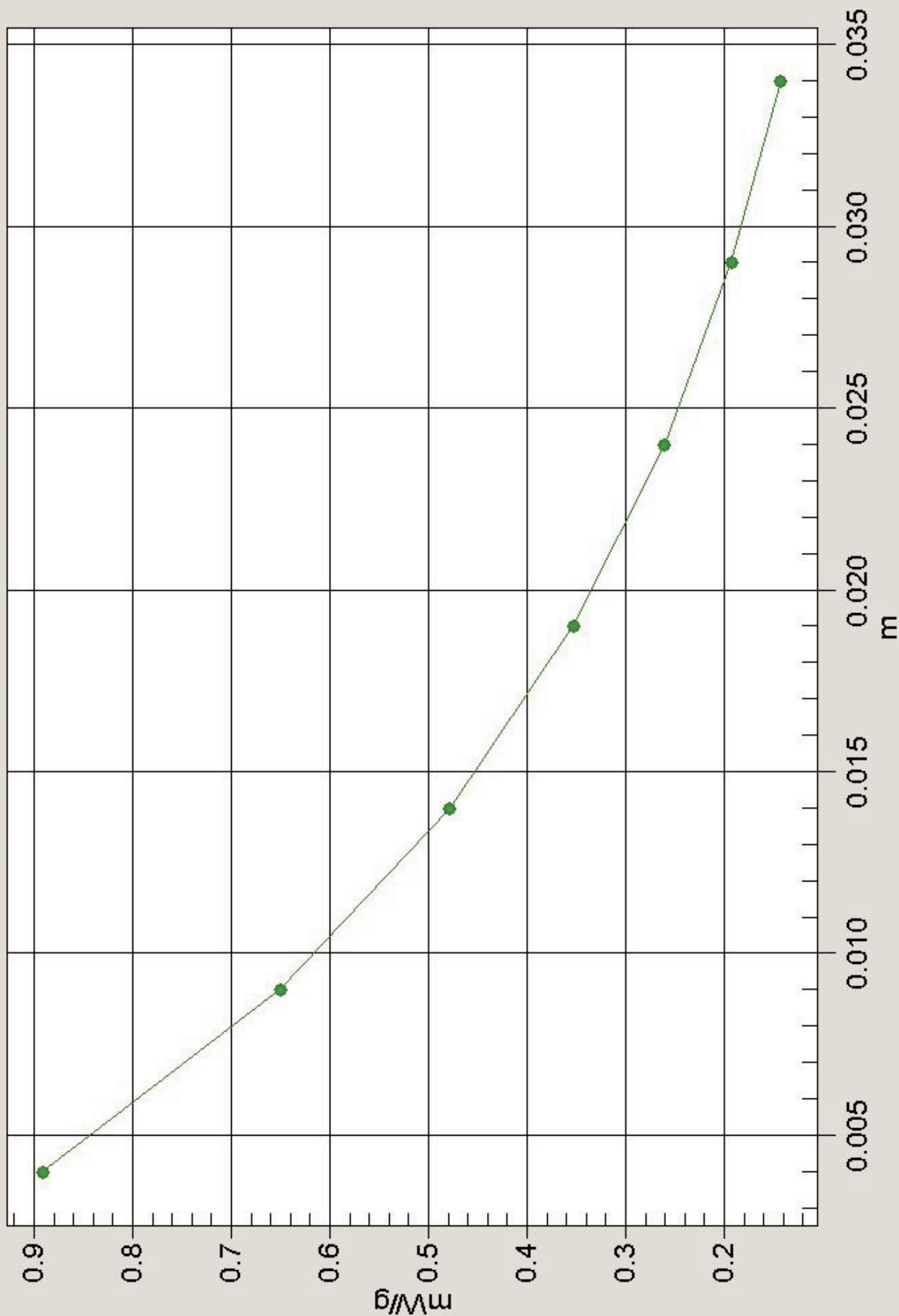
Liquid = 20.1°C

Humidity = 65%

SAR VALIDATION PLOT 1

Averaged SAR

SAR, Value Along Z, X=0, Y=0



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File Name: Validation 450 MHz (DAE442 Probe1377)28-02-03.da4

DUT: Dipole 450 MHz Type & Serial Number: D450V2, S/N:1009

Program: Validation 450 MHz; Validation 450 MHz FP

Communication System: CW 450 MHz; Frequency: 450 MHz; Duty Cycle: 1:1

Medium: FCC 450MHz Head ($\sigma = 0.89$ mho/m, $\epsilon = 43.25$, $\rho = 1000$ kg/m³)

Phantom section: FlatSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1377; ConvF(7.2, 7.2, 7.2); Calibrated: 6-Sept-2002

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn442; Calibrated: 23-Oct-2002

- Phantom: Flat Phantom - TP: P 4.4

- Software: DASY4, V4.0 Build 51

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

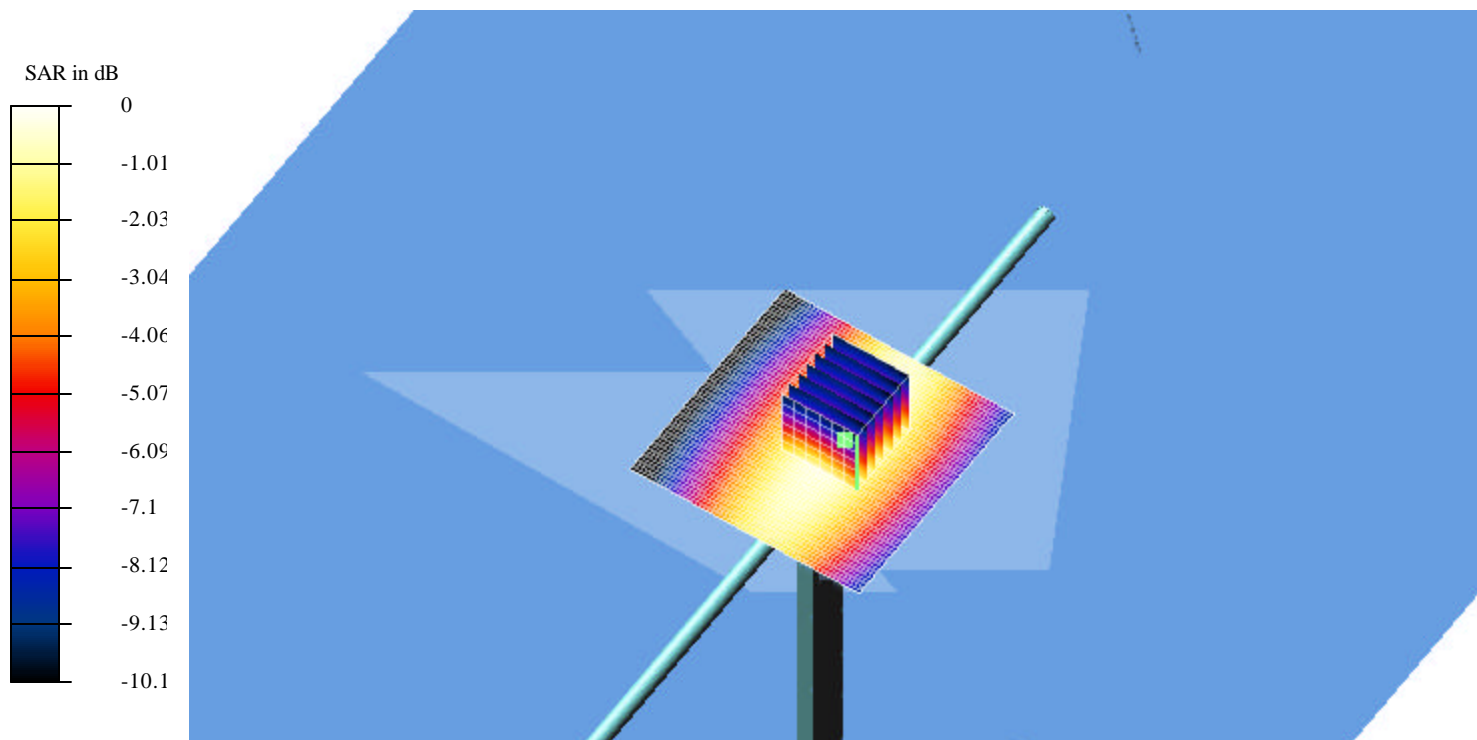
Reference Value = 0.827 V/m

Peak SAR = 2.04 mW/g

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.822 mW/g

Power Drift = 0.5 dB

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm



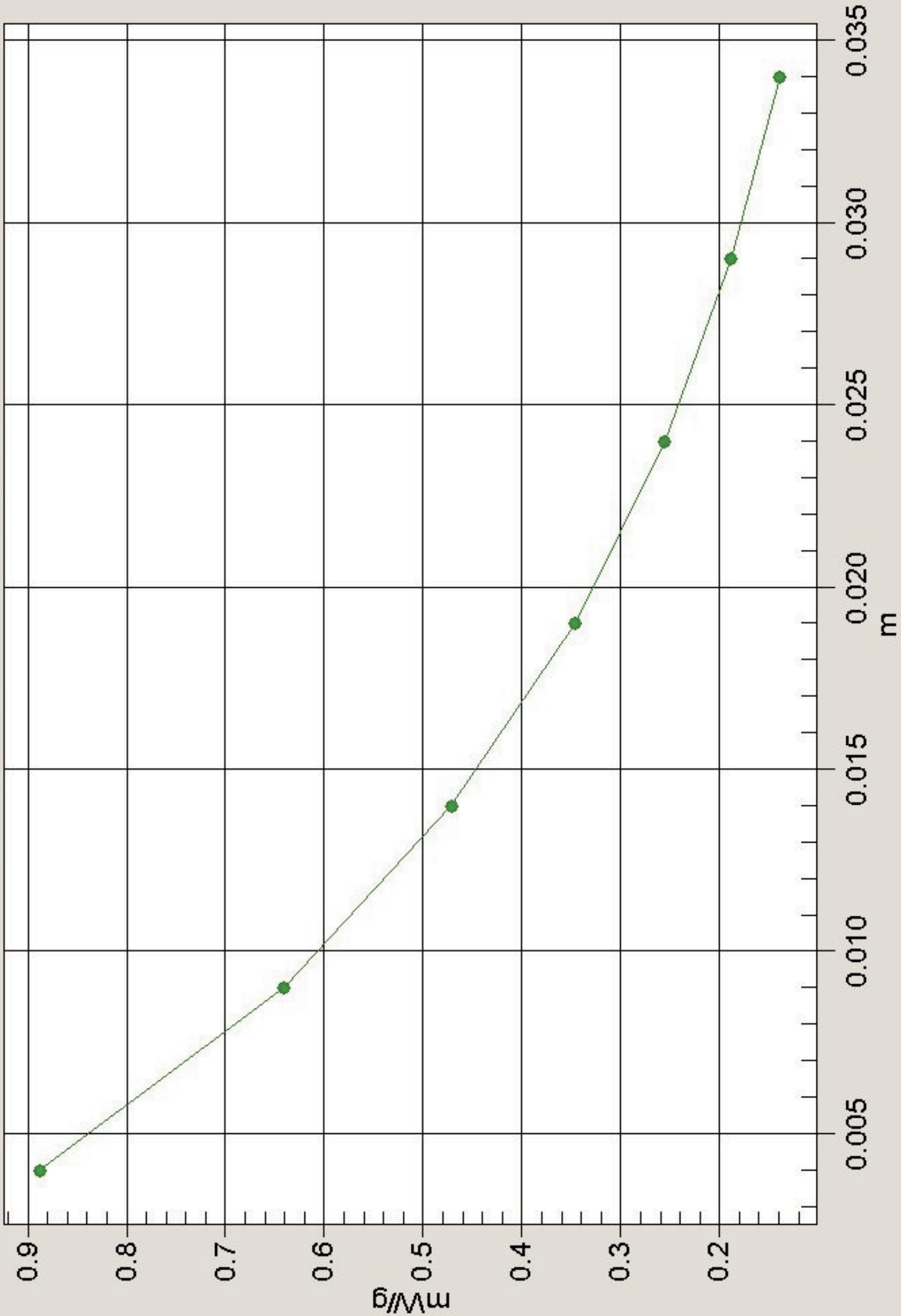
Temperature Ambient = 21.2°C

Liquid = 20.2°C

Humidity = 59%

Averaged SAR

SAR, Value Along Z, X=0, Y=0



Test Laboratory: EMC Technologies Pty Ltd

File Name: Validation 450 MHz (DAE442 Probe1377)01-03-03.da4

DUT: Dipole 450 MHz Type & Serial Number: D450V2, S/N:1009
Program: Validation 450 MHz; Validation 450 MHz FP

Communication System: CW 450 MHz; Frequency: 450 MHz; Duty Cycle: 1:1
Medium: FCC 450MHz Body ($\sigma = 0.93$ mho/m, $\epsilon = 55.99$, $\rho = 1000$ kg/m³)
Phantom section: FlatSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1377; ConvF(7.2, 7.2, 7.2); Calibrated: 6-Sept-2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn442; Calibrated: 23-Oct-2002
- Phantom: Flat Phantom - TP: P 4.4
- Software: DASY4, V4.0 Build 51

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

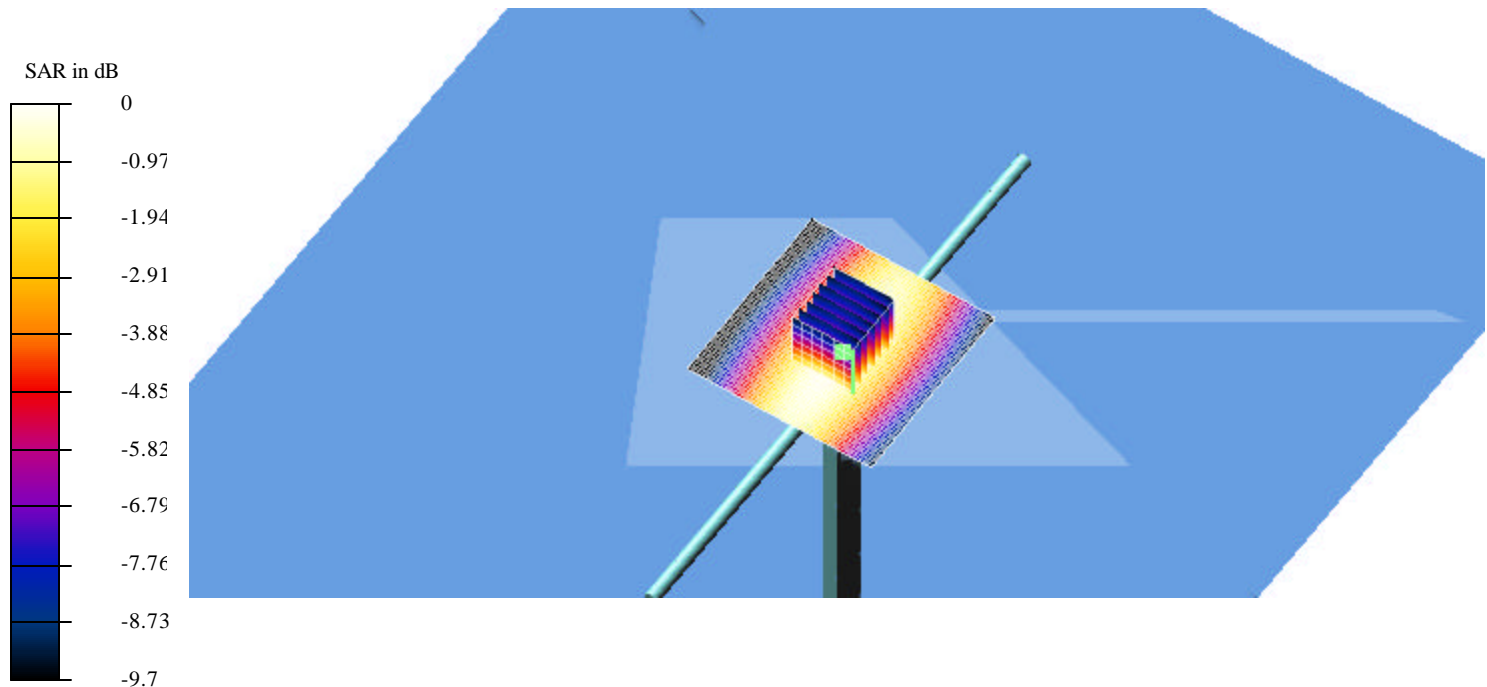
Reference Value = 0.67 V/m

Peak SAR = 1.84 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.779 mW/g

Power Drift = 0.1 dB

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm



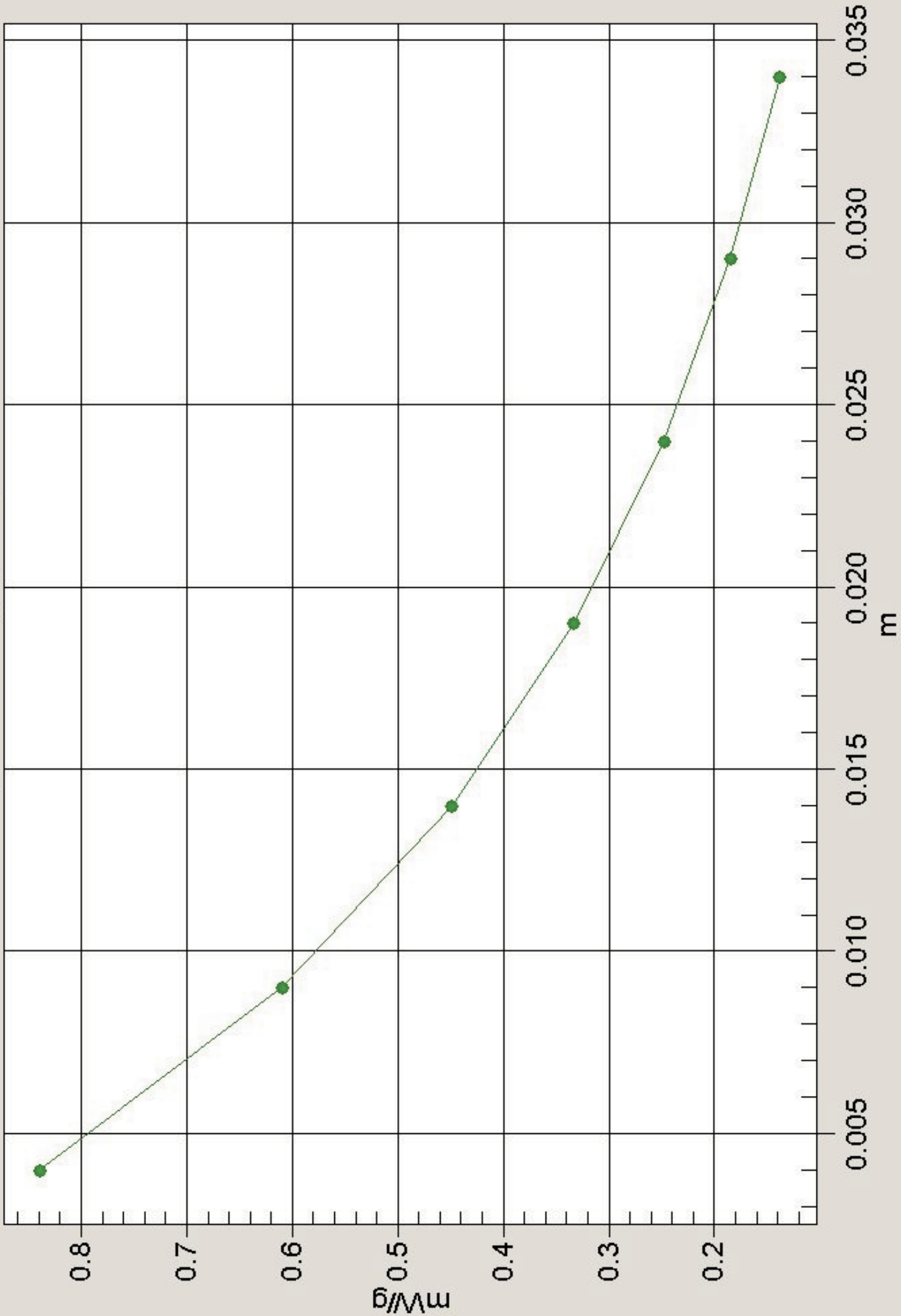
Temperature Ambient = 21.4°C

Liquid = 20.4°C

Humidity = 44%

Averaged SAR

SAR, Value Along Z, X=0, Y=0



Power Vs Time Chart - Channel 2

