

### #15 GSM850\_GPRS10\_Bottom\_0cm\_Ch251

**DUT: 9O2304**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_091207 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.6

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch251/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.013 mW/g

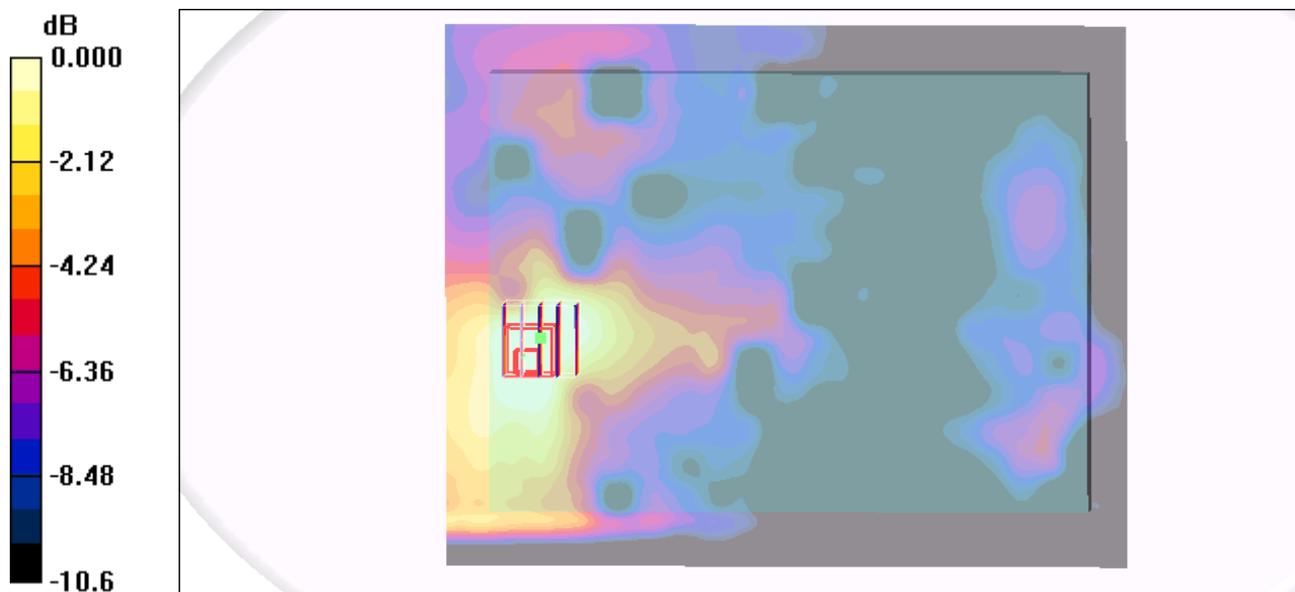
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.46 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.015 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00688 mW/g**

Maximum value of SAR (measured) = 0.011 mW/g



0 dB = 0.011mW/g

### #15 GSM850\_GPRS10\_Bottom\_0cm\_Ch251\_2D

**DUT: 9O2304**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_091207 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho$

$= 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.6

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch251/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.013 mW/g

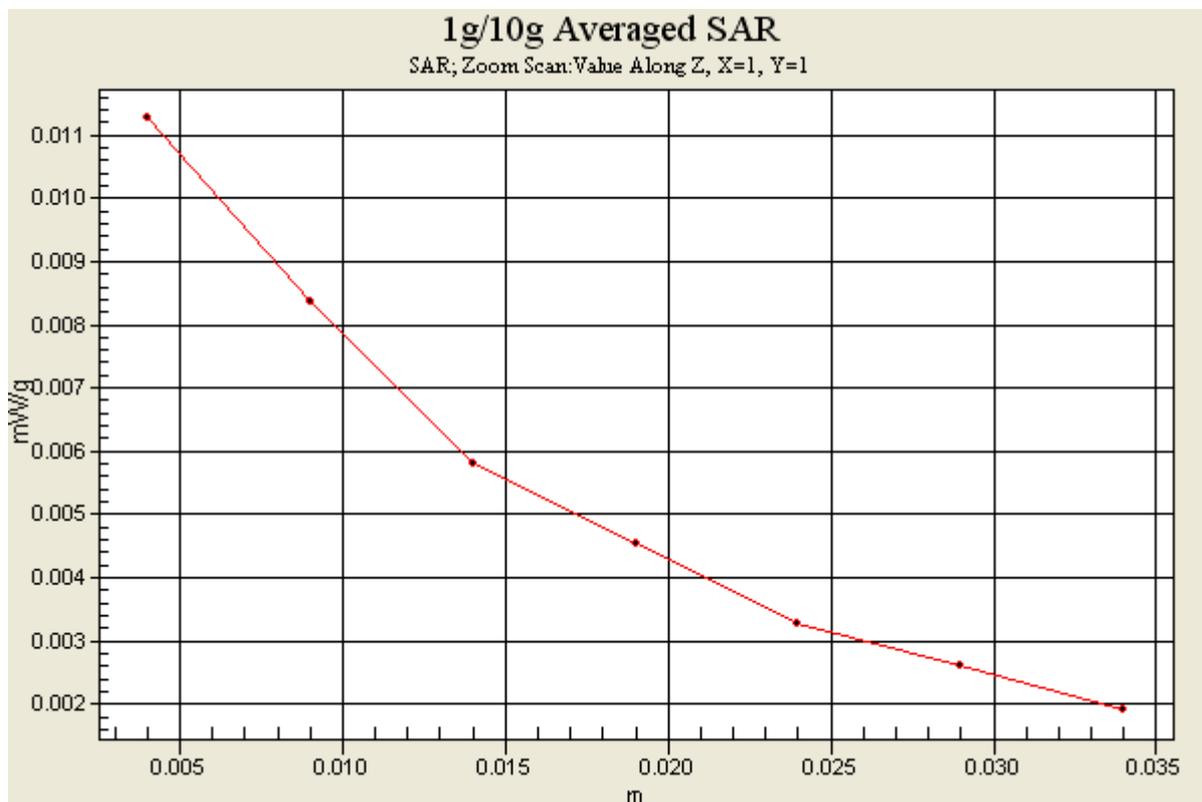
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.46 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.015 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00688 mW/g**

Maximum value of SAR (measured) = 0.011 mW/g



## #02 GSM1900\_GPRS12\_Bottom\_0cm\_Ch512

**DUT: 9O2304**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_091207 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.8$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch512/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.016 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.266 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.009 W/kg

**SAR(1 g) = 0.00697 mW/g; SAR(10 g) = 0.00428 mW/g**

Maximum value of SAR (measured) = 0.008 mW/g

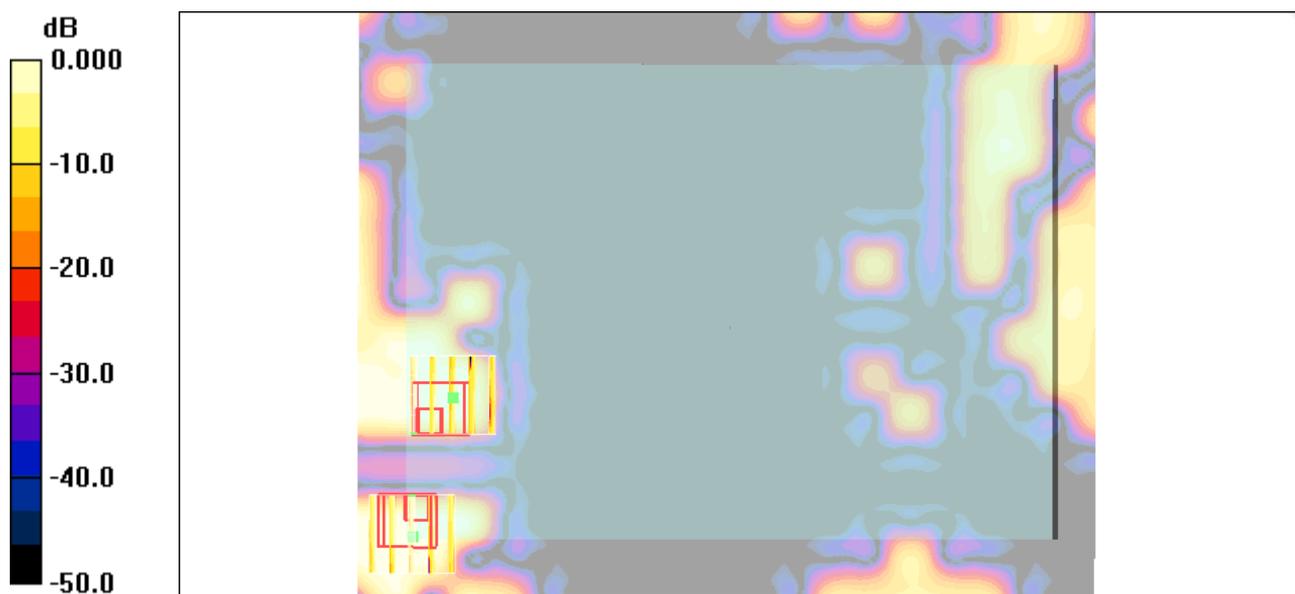
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.266 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.007 W/kg

**SAR(1 g) = 0.00576 mW/g; SAR(10 g) = 0.00339 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



0 dB = 0.006mW/g

## #02 GSM1900\_GPRS12\_Bottom\_0cm\_Ch512\_2D

**DUT: 9O2304**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_091207 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r =$

51.8;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26

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

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch512/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.016 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.266 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.009 W/kg

**SAR(1 g) = 0.00697 mW/g; SAR(10 g) = 0.00428 mW/g**

Maximum value of SAR (measured) = 0.008 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.266 V/m; Power Drift = 0.155 dB

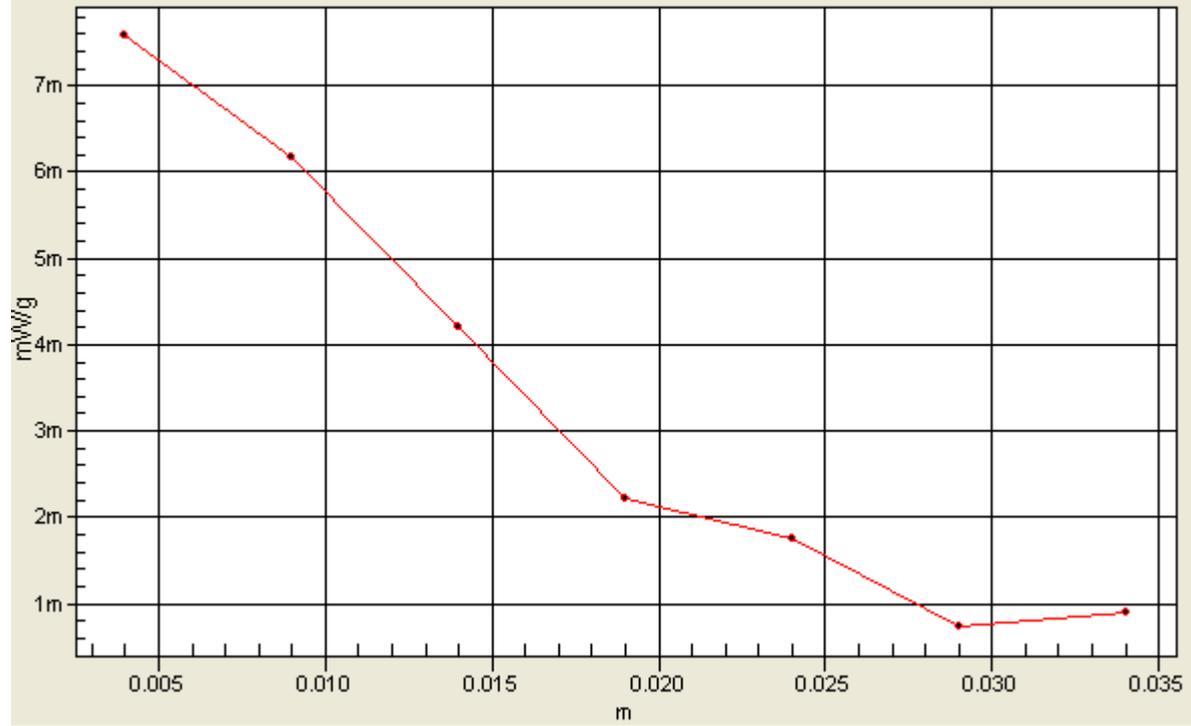
Peak SAR (extrapolated) = 0.007 W/kg

**SAR(1 g) = 0.00576 mW/g; SAR(10 g) = 0.00339 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g

# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=4, Y=2



### #12 WCDMA V\_RMC12.2K\_Bottom\_0cm\_Ch4233

**DUT: 9O2304**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_091207 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.996 \text{ mho/m}$ ;  $\epsilon_r = 54.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.6

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (161x201x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.007 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.06 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.017 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00717 mW/g**

Maximum value of SAR (measured) = 0.012 mW/g

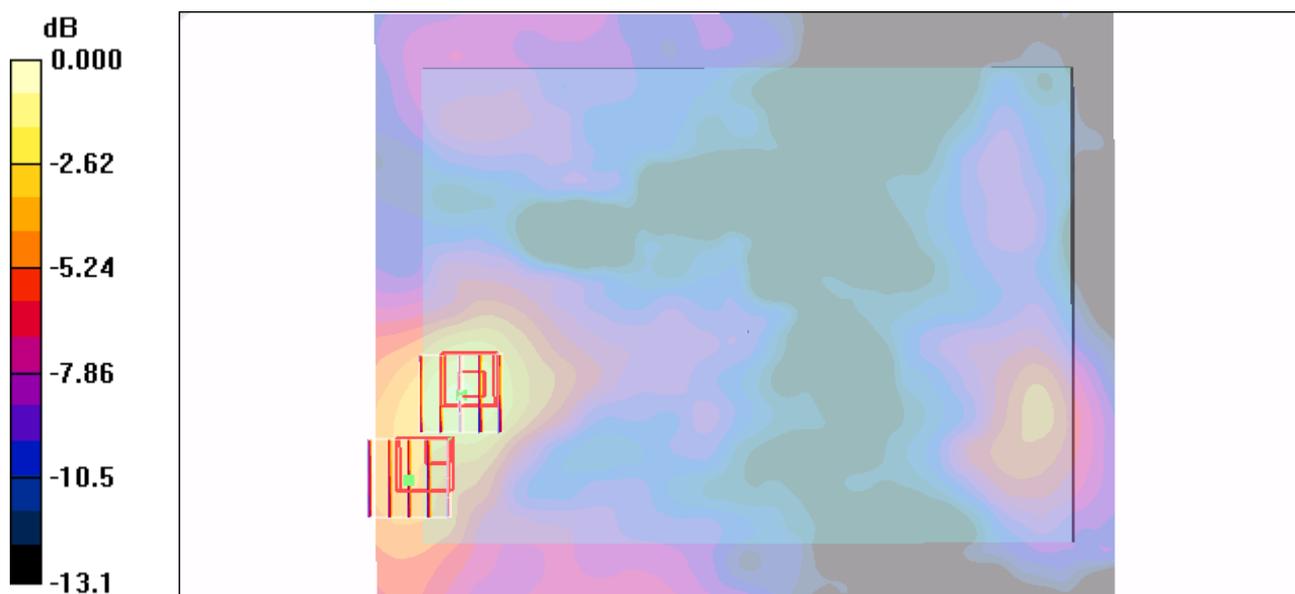
**Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.06 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.013 W/kg

**SAR(1 g) = 0.0084 mW/g; SAR(10 g) = 0.00554 mW/g**

Maximum value of SAR (measured) = 0.010 mW/g



## #12 WCDMA V\_RMC12.2K\_Bottom\_0cm\_Ch4233\_2D

**DUT: 9O2304**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_091207 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho$

$= 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.6

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26

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

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.007 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.06 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.017 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00717 mW/g**

Maximum value of SAR (measured) = 0.012 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.06 V/m; Power Drift = 0.18 dB

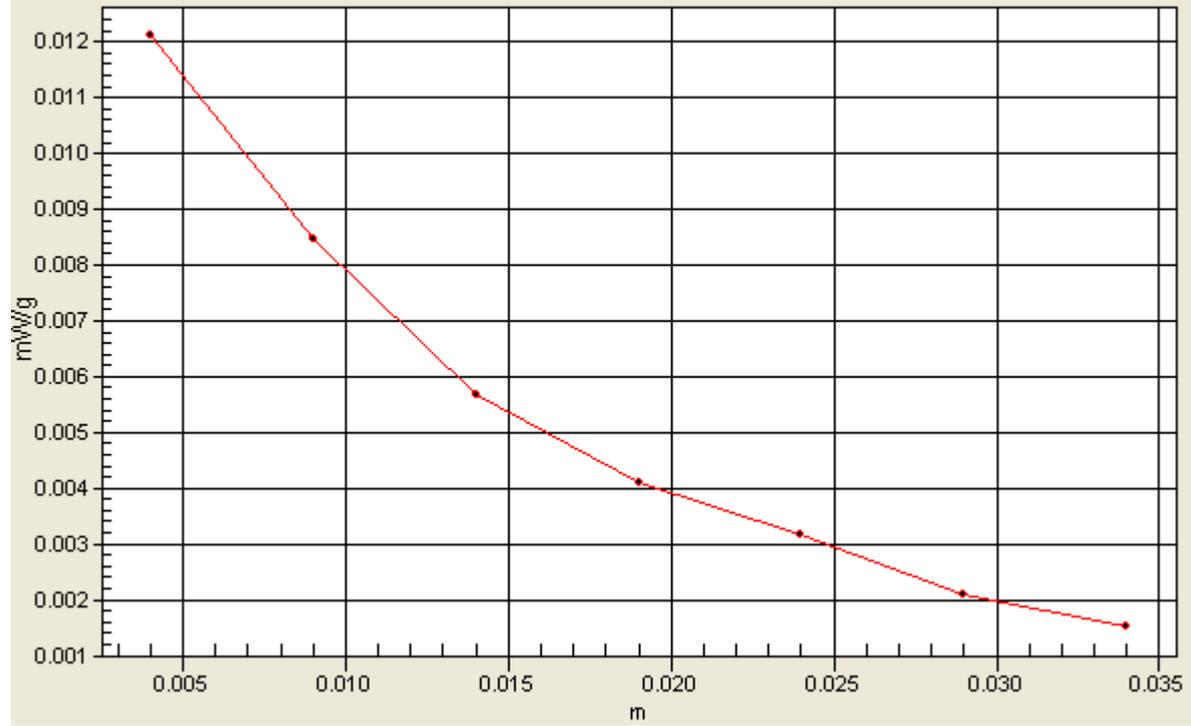
Peak SAR (extrapolated) = 0.013 W/kg

**SAR(1 g) = 0.0084 mW/g; SAR(10 g) = 0.00554 mW/g**

Maximum value of SAR (measured) = 0.010 mW/g

# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2



### #08 WCDMA IV\_RMC12.2K\_Bottom\_0cm\_Ch1312

**DUT: 9O2304**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_091207 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.4$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.82, 4.82, 4.82); Calibrated: 2009/5/26

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

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.004 mW/g

**Ch1312/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.299 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00177 mW/g; SAR(10 g) = 0.00105 mW/g**

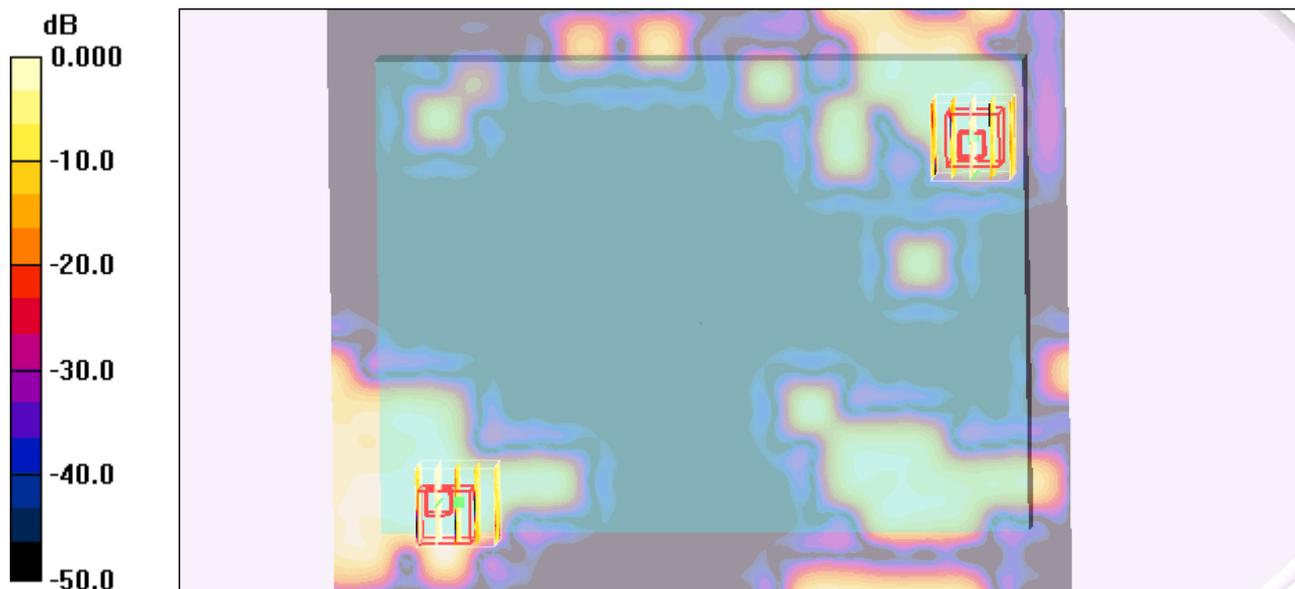
Maximum value of SAR (measured) = 0.002 mW/g

**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.299 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.004 W/kg

**SAR(1 g) = 0.00128 mW/g; SAR(10 g) = 0.000528 mW/g**



0 dB = 0.002mW/g

## #08 WCDMA IV\_RMC12.2K\_Bottom\_0cm\_Ch1312\_2D

**DUT: 9O2304**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_091207 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r =$

52.4;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.82, 4.82, 4.82); Calibrated: 2009/5/26

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

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.004 mW/g

**Ch1312/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.299 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00177 mW/g; SAR(10 g) = 0.00105 mW/g**

Maximum value of SAR (measured) = 0.002 mW/g

**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

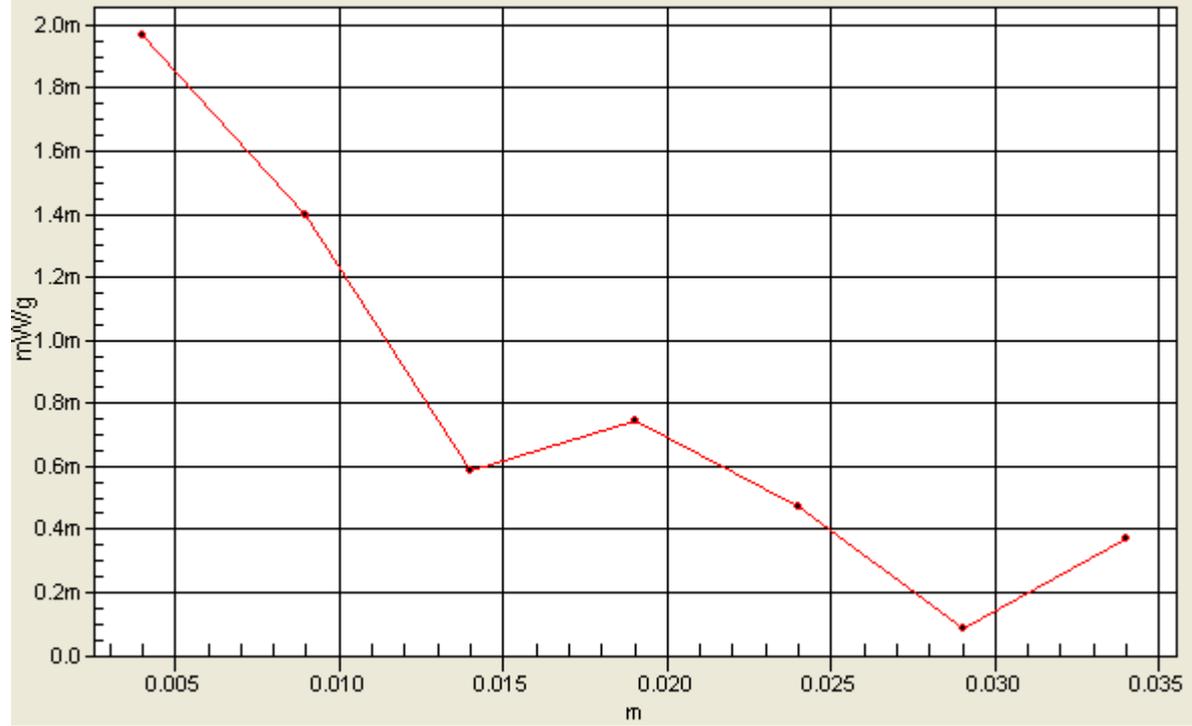
Reference Value = 0.299 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.004 W/kg

**SAR(1 g) = 0.00128 mW/g; SAR(10 g) = 0.000528 mW/g**

# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=1



### #05 WCDMA II\_RMC12.2K\_Bottom\_0cm\_Ch9262

**DUT: 9O2304**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_091207 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.3

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.007 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.284 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.009 W/kg

**SAR(1 g) = 0.0063 mW/g; SAR(10 g) = 0.00433 mW/g**

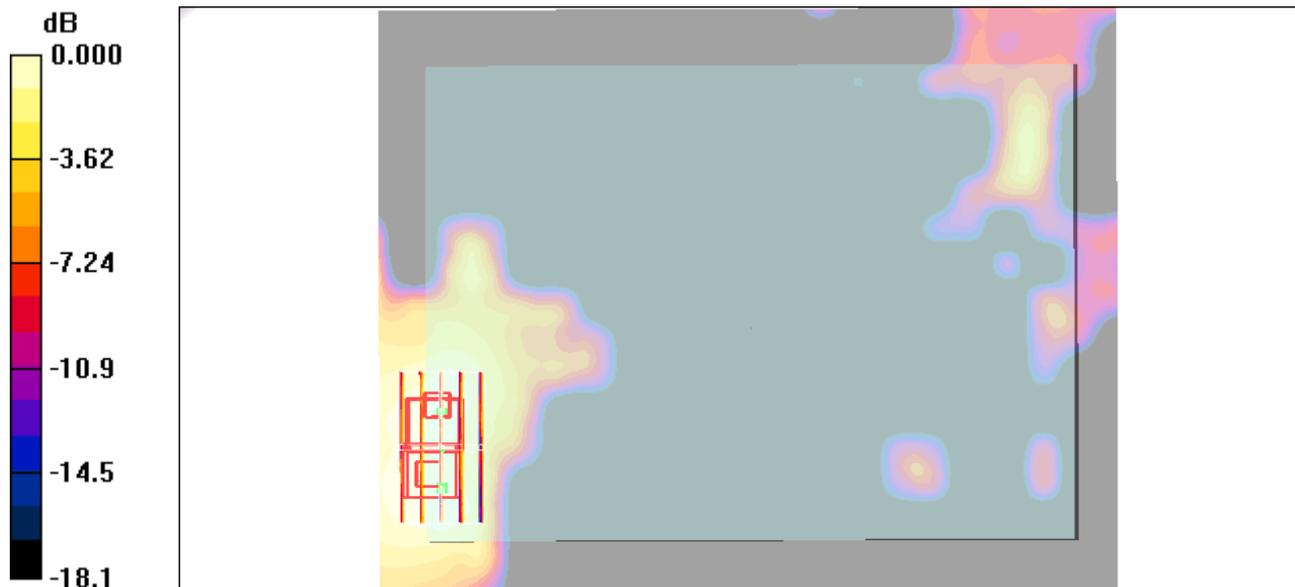
Maximum value of SAR (measured) = 0.007 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.284 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.008 W/kg

**SAR(1 g) = 0.00592 mW/g; SAR(10 g) = 0.00409 mW/g**



0 dB = 0.007mW/g

## #05 WCDMA II\_RMC12.2K\_Bottom\_0cm\_Ch9262\_2D

### DUT: 9O2304

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_091207 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r =$

$51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.3

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26

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

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (161x201x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.007 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.284 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.009 W/kg

**SAR(1 g) = 0.0063 mW/g; SAR(10 g) = 0.00433 mW/g**

Maximum value of SAR (measured) = 0.007 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.284 V/m; Power Drift = -0.145dB

Peak SAR (extrapolated) = 0.008 W/kg

**SAR(1 g) = 0.00592 mW/g; SAR(10 g) = 0.00409 mW/g**

# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2

