

**#81 GSM850\_GPRS10\_Bottom\_0cm\_Ch128\_Ant Retracted**

**DUT: 050315**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_100624 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch128/Area Scan (141x161x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.000695 mW/g

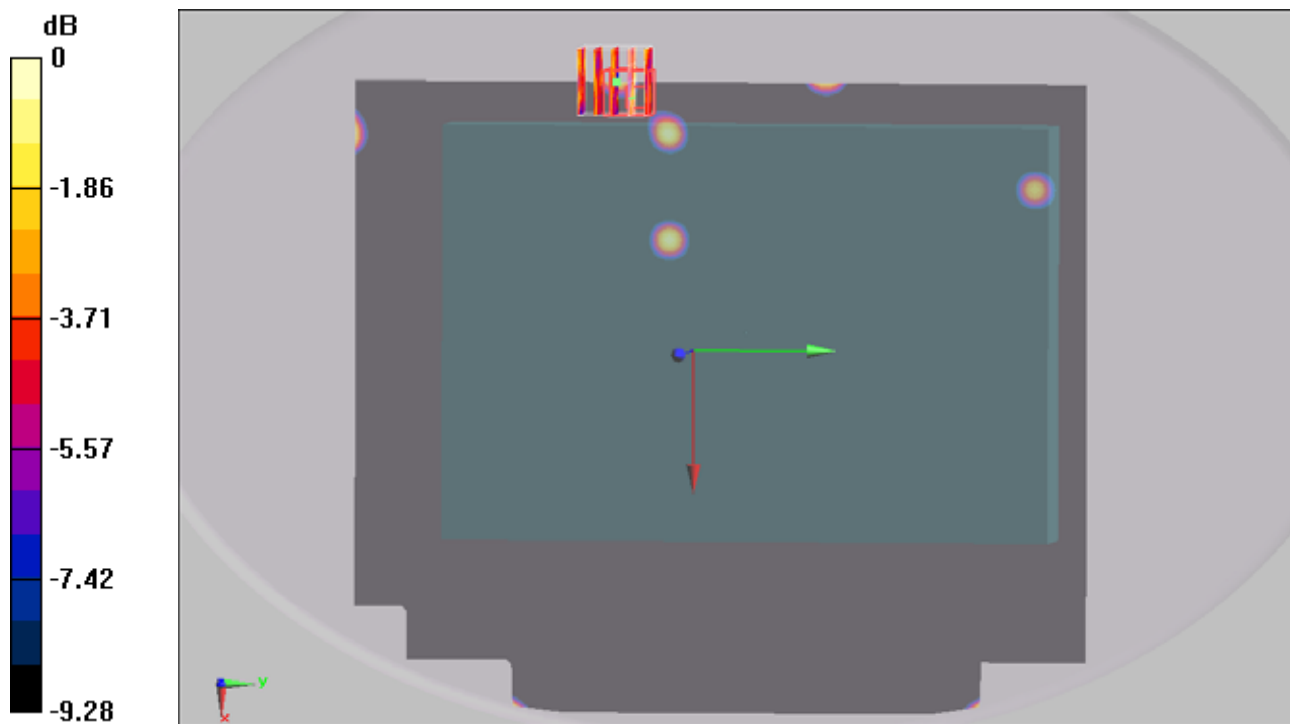
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.213 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.00239 W/kg

**SAR(1 g) = 0.000653 mW/g; SAR(10 g) = 0.000341 mW/g**

Maximum value of SAR (measured) = 0.000767 mW/g



0 dB = 0.000767mW/g

**#70 GSM850\_GPRS10\_Bottom\_0cm\_Ch128\_Ant Extended**

**DUT: 050315**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_100519 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch128/Area Scan (61x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.24 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 4.79 W/kg

**SAR(1 g) = 1.5 mW/g; SAR(10 g) = 0.703 mW/g**

Maximum value of SAR (measured) = 2.02 mW/g

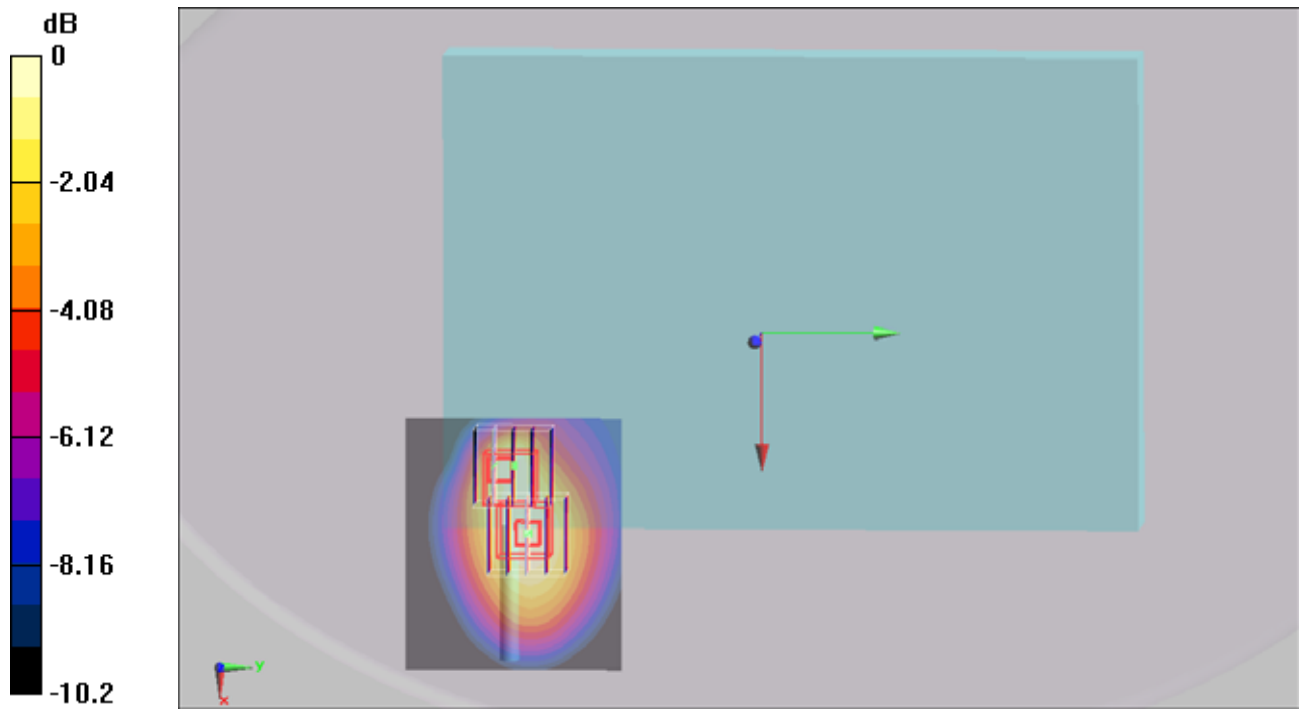
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.742 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



**#70 GSM850\_GPRS10\_Bottom\_0cm\_Ch128\_Ant Extended\_2D**

**DUT: 050315**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_100519 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch128/Area Scan (61x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.24 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 4.79 W/kg

**SAR(1 g) = 1.5 mW/g; SAR(10 g) = 0.703 mW/g**

Maximum value of SAR (measured) = 2.02 mW/g

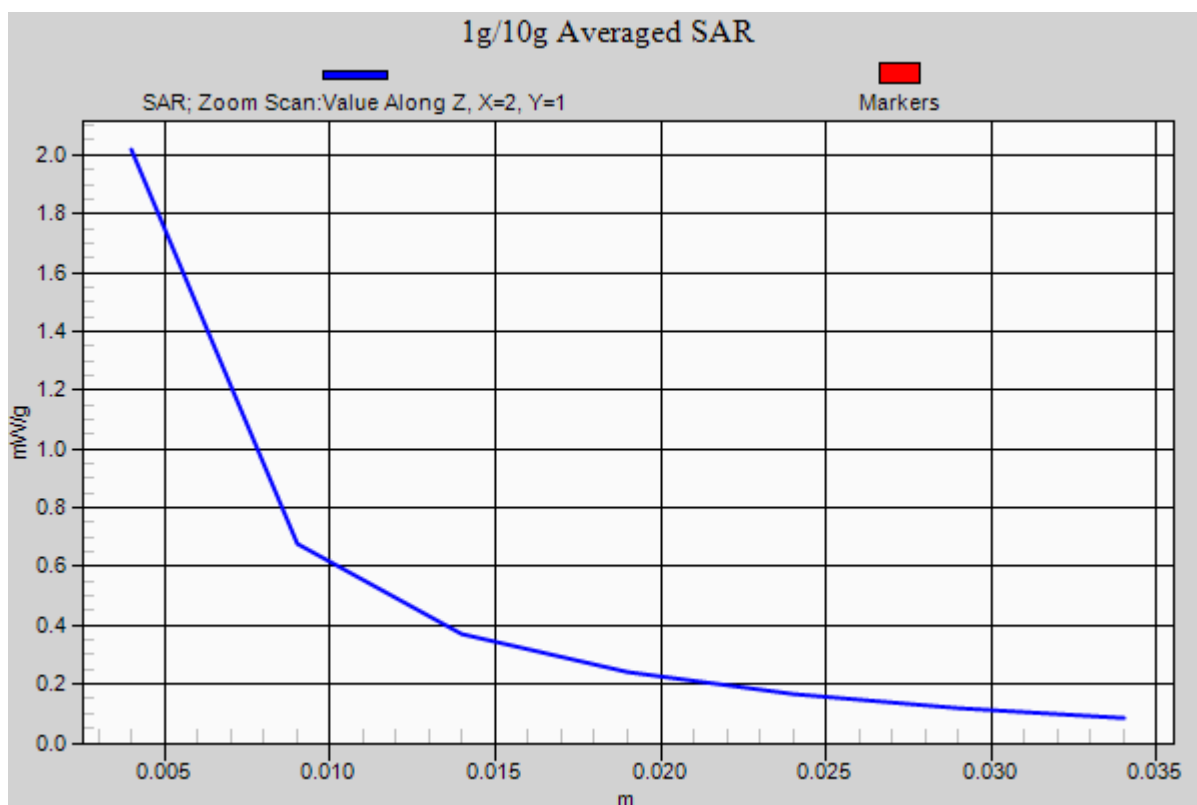
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.742 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



## #82 GSM850\_GPRS10\_Primary Landscape\_0cm\_Ch128\_Ant Extended

**DUT: 050315**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_100624 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch128/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.046 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.68 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.092 W/kg

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.059 mW/g

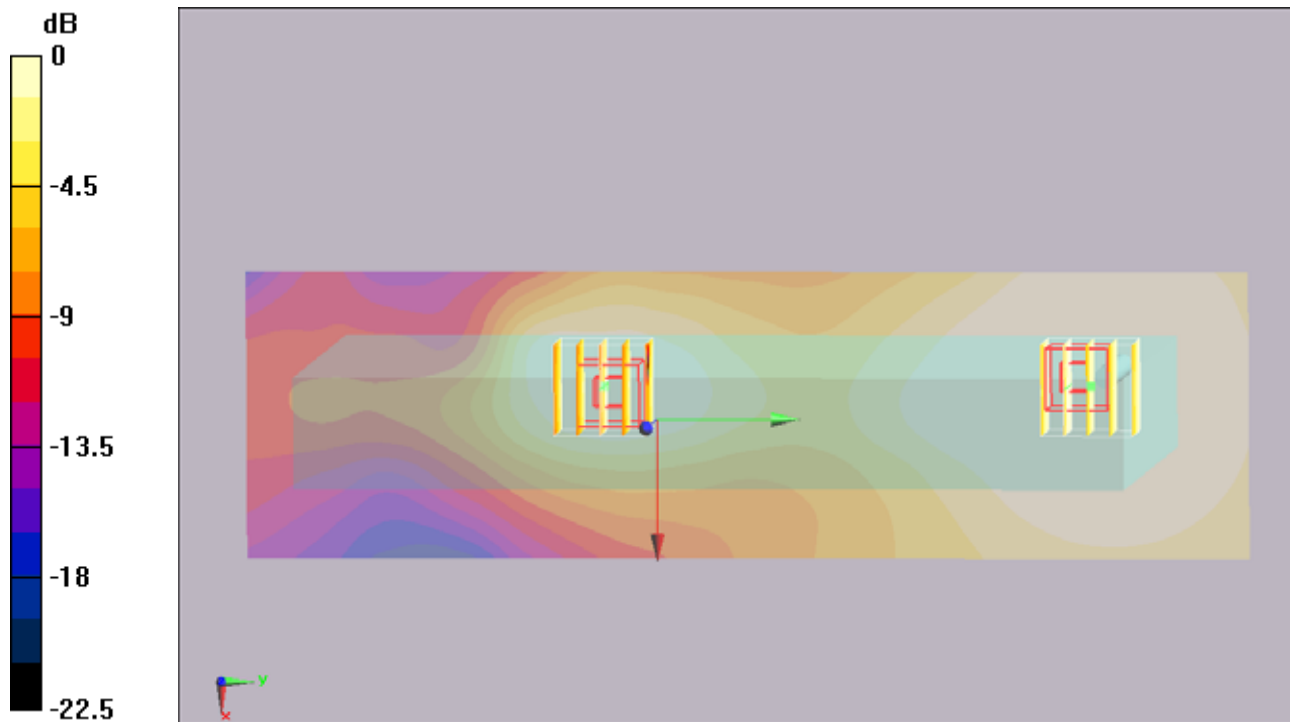
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.68 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.032 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.025 mW/g



0 dB = 0.025mW/g

**#83 GSM850\_GPRS10\_Secondary Landscape\_0cm\_Ch128\_Ant Retracted**

**DUT: 050315**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_100624 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch128/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.000821 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

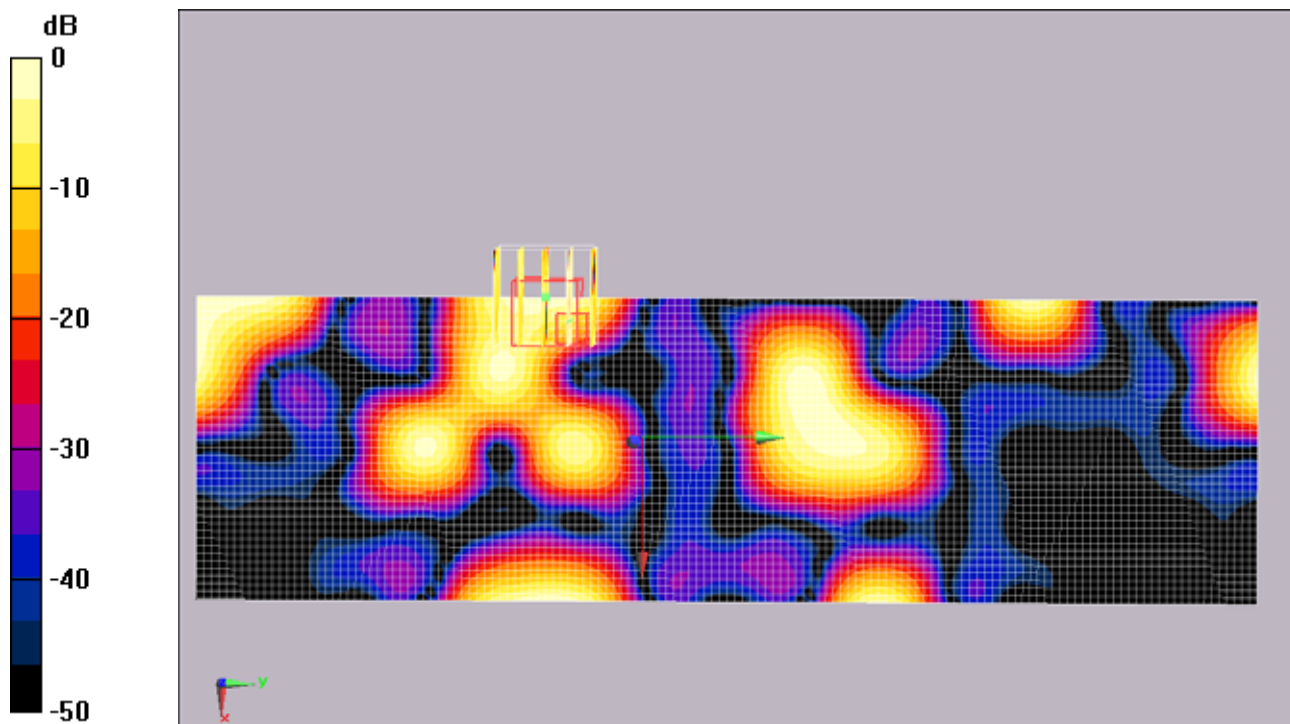
Reference Value = 0.487 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.00131 W/kg

**SAR(1 g) = 0.000323 mW/g; SAR(10 g) = 7.31e-005 mW/g**

Maximum value of SAR (measured) = 0.000653 mW/g





0 dB = 0.000653mW/g

**#84 GSM850\_GPRS10\_Primary Portrait\_0cm\_Ch128\_Ant Extended**

**DUT: 050315**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_100624 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch128/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.021 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.61 V/m; Power Drift = 0.000324 dB

Peak SAR (extrapolated) = 0.025 W/kg

**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.020 mW/g

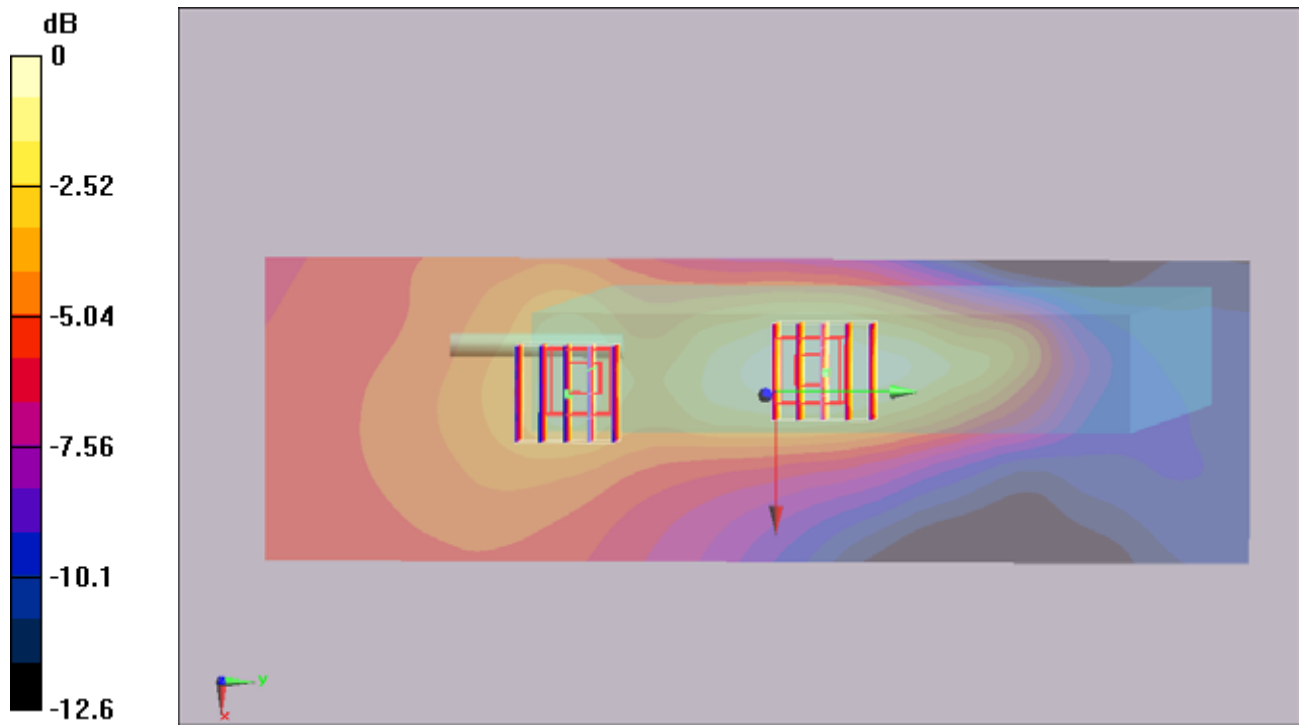
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.61 V/m; Power Drift = 0.000324 dB

Peak SAR (extrapolated) = 0.041 W/kg

**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.021 mW/g



0 dB = 0.021mW/g

**#85 GSM850\_GPRS10\_Secondary Portrait\_0cm\_Ch128\_Ant Extended**

**DUT: 050315**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_100624 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch128/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.871 mW/g

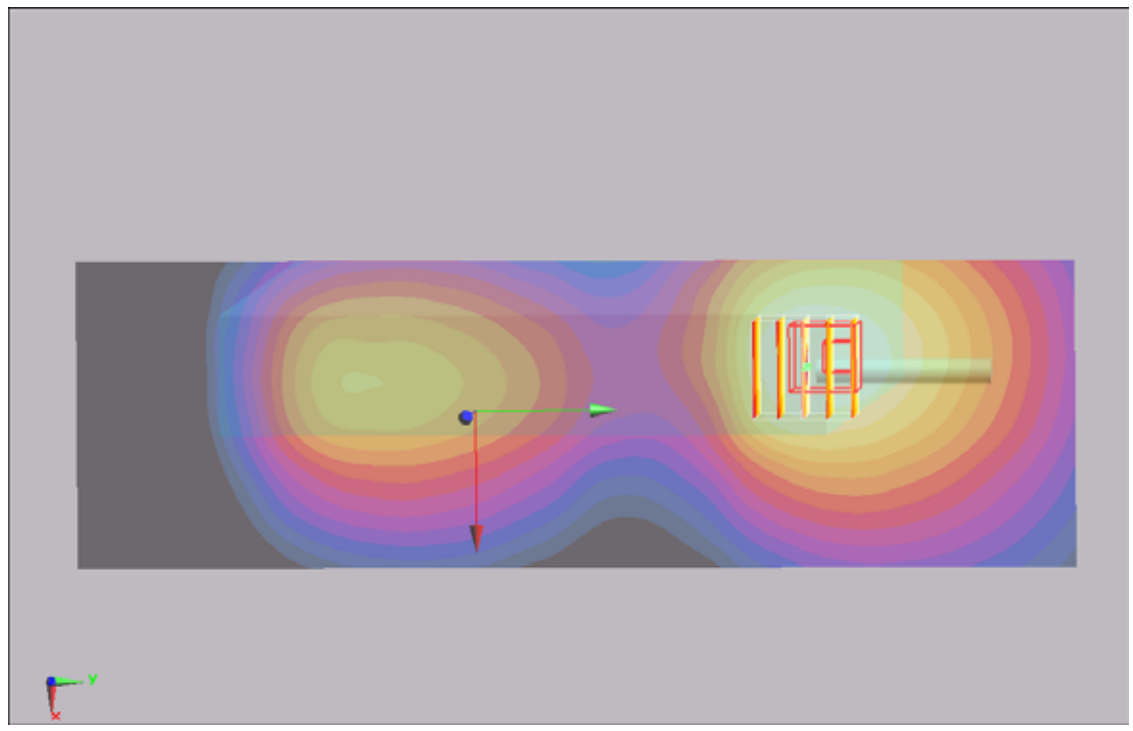
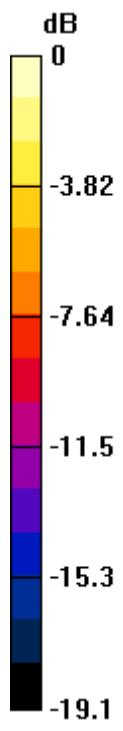
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.875 W/kg

**SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.467 mW/g**

Maximum value of SAR (measured) = 0.762 mW/g



0 dB = 0.762mW/g

**#35 GSM1900\_GPRS10\_Bottom\_0cm\_Ch661\_Ant Extended**

**DUT: 050315**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_100520 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (81x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.377 mW/g

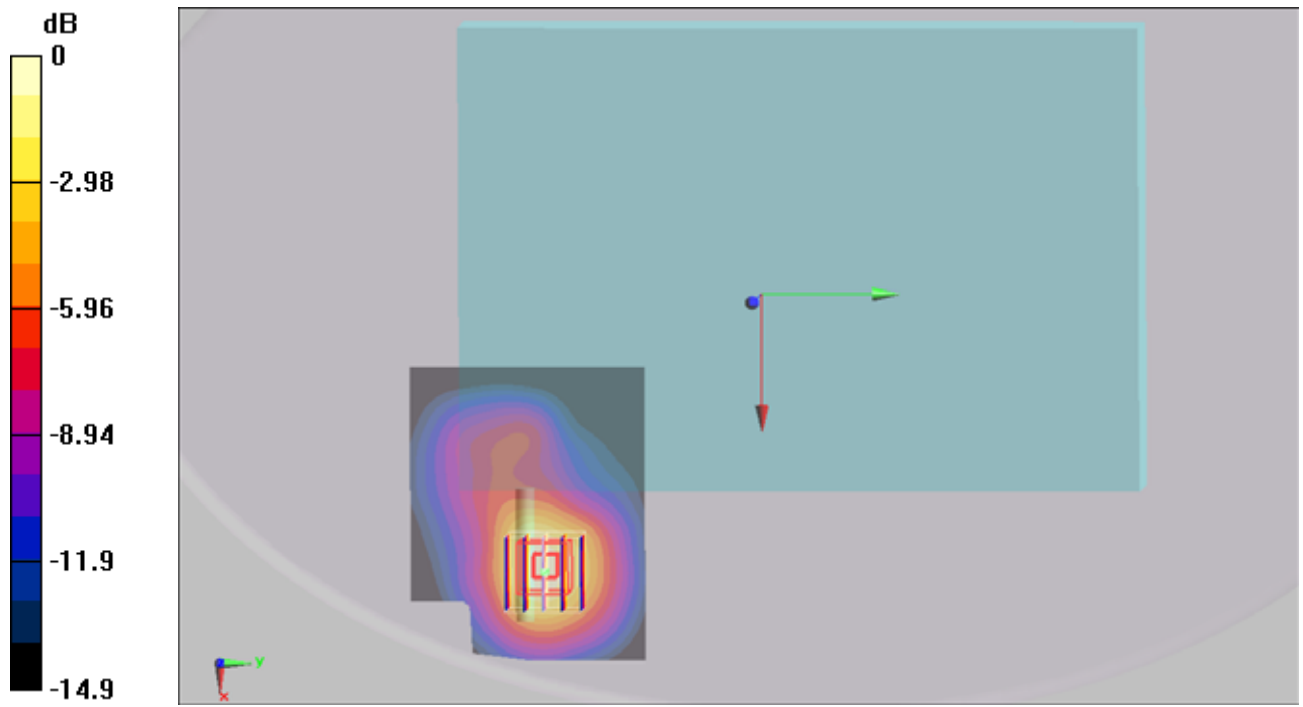
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.6 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.495 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.387mW/g

### #35 GSM1900\_GPRS10\_Bottom\_0cm\_Ch661\_Ant Extended\_2D

**DUT: 050315**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_100520 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r =$

$52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: FCUJ 7."X7Ø"Dwrf "347=UGO ECF "Z "Xgtukqp"3506"Dwrf "347

**Ch661/Area Scan (51x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.377 mW/g

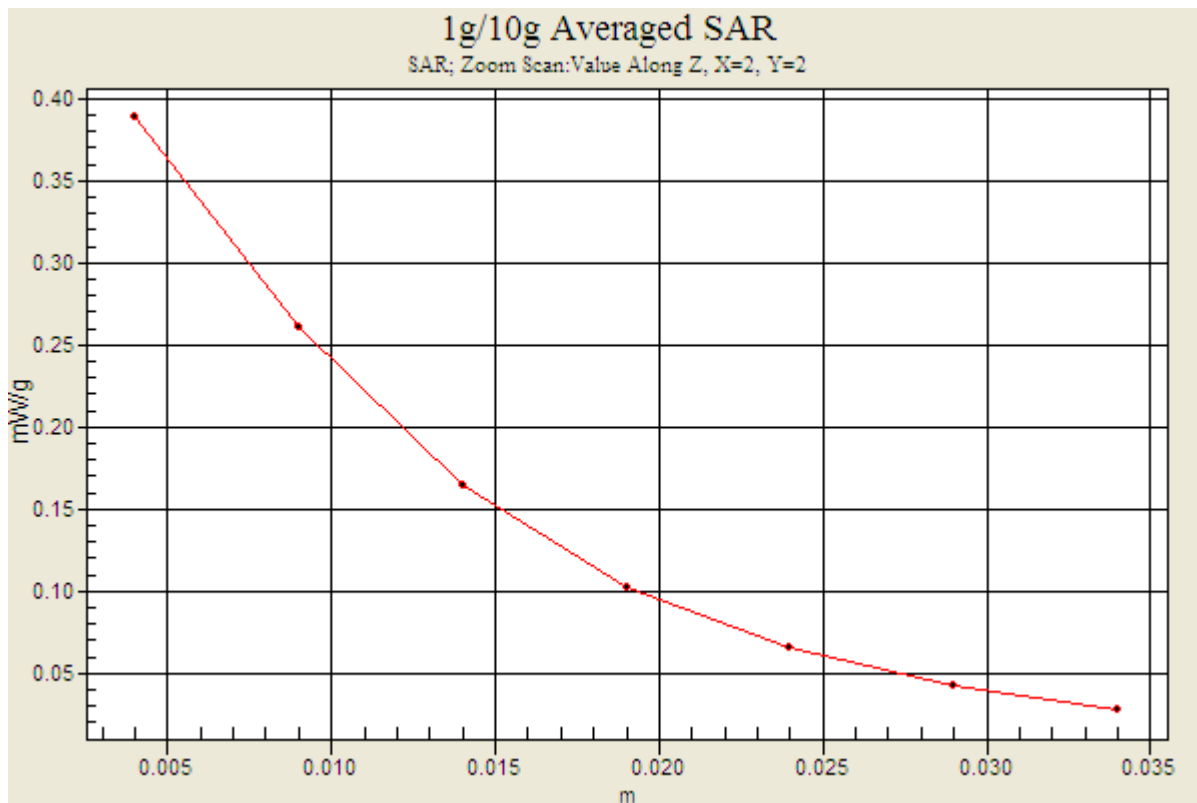
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.6 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.495 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 0.387 mW/g





**#91 WCDMA V\_RMC12.2K\_Bottom\_0cm\_Ch4182\_Ant Extended**

**DUT: 050315**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (151x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00078 mW/g

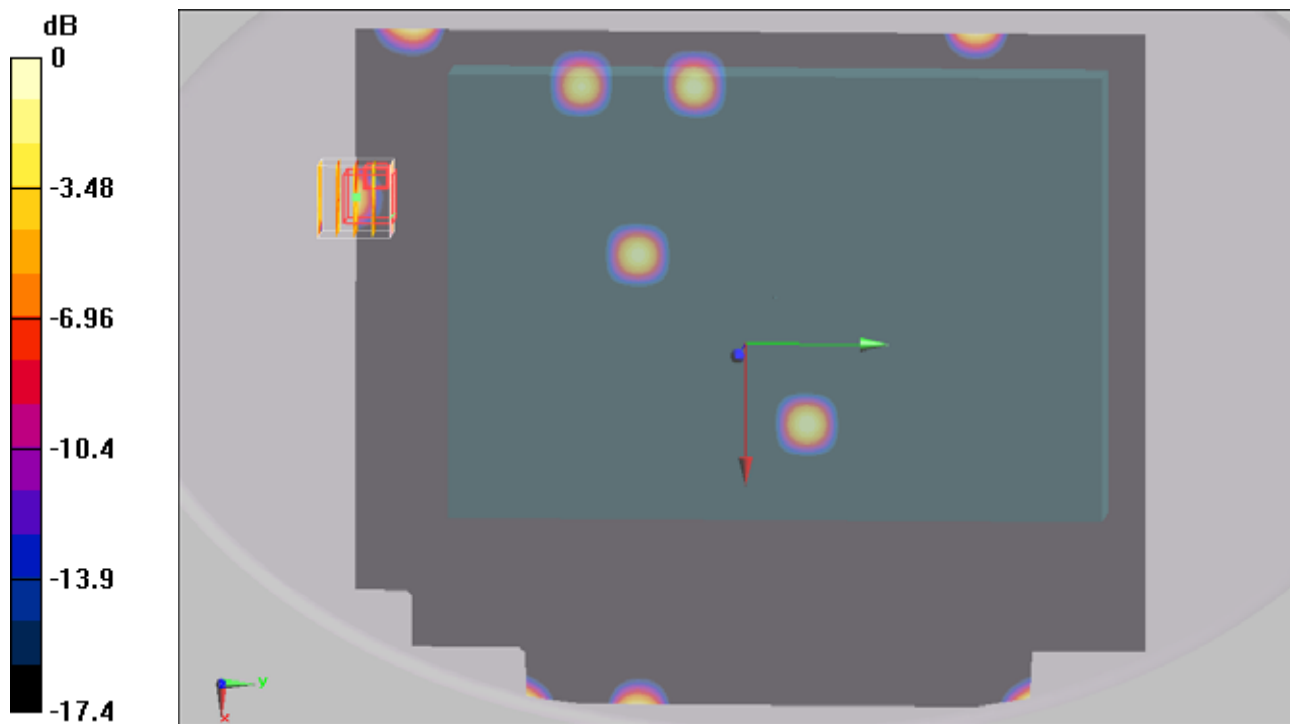
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.325 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.00199 W/kg

**SAR(1 g) = 0.000594 mW/g; SAR(10 g) = 0.000321 mW/g**

Maximum value of SAR (measured) = 0.000822 mW/g



0 dB = 0.000822mW/g

**#23 WCDMA V\_RMC12.2K\_Bottom\_0cm\_Ch4182\_Ant Extended**

**DUT: 050315**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100519 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (81x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.28 mW/g

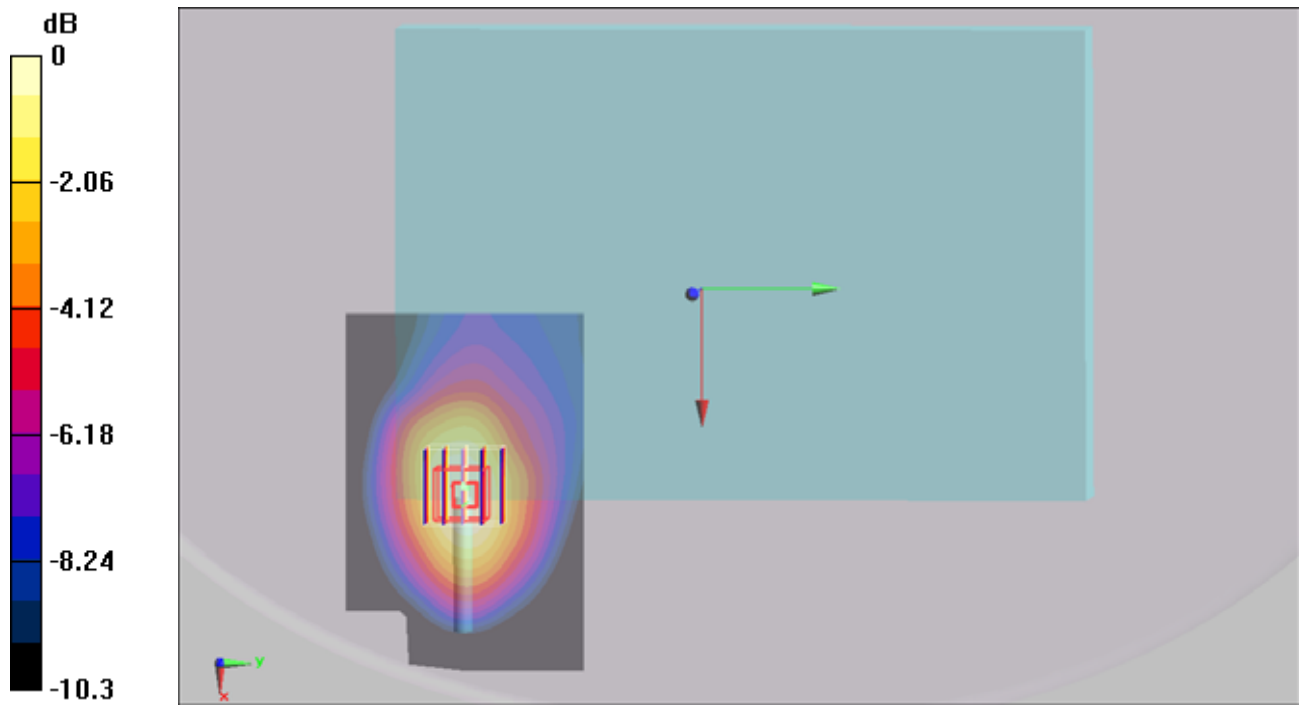
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.26 V/m; Power Drift = -0.0012 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.824 mW/g**

Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28mW/g

**#23 WCDMA V\_RMC12.2K\_Bottom\_0cm\_Ch4182\_Ant Extended\_2D**

**DUT: 050315**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100519 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (61x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.28 mW/g

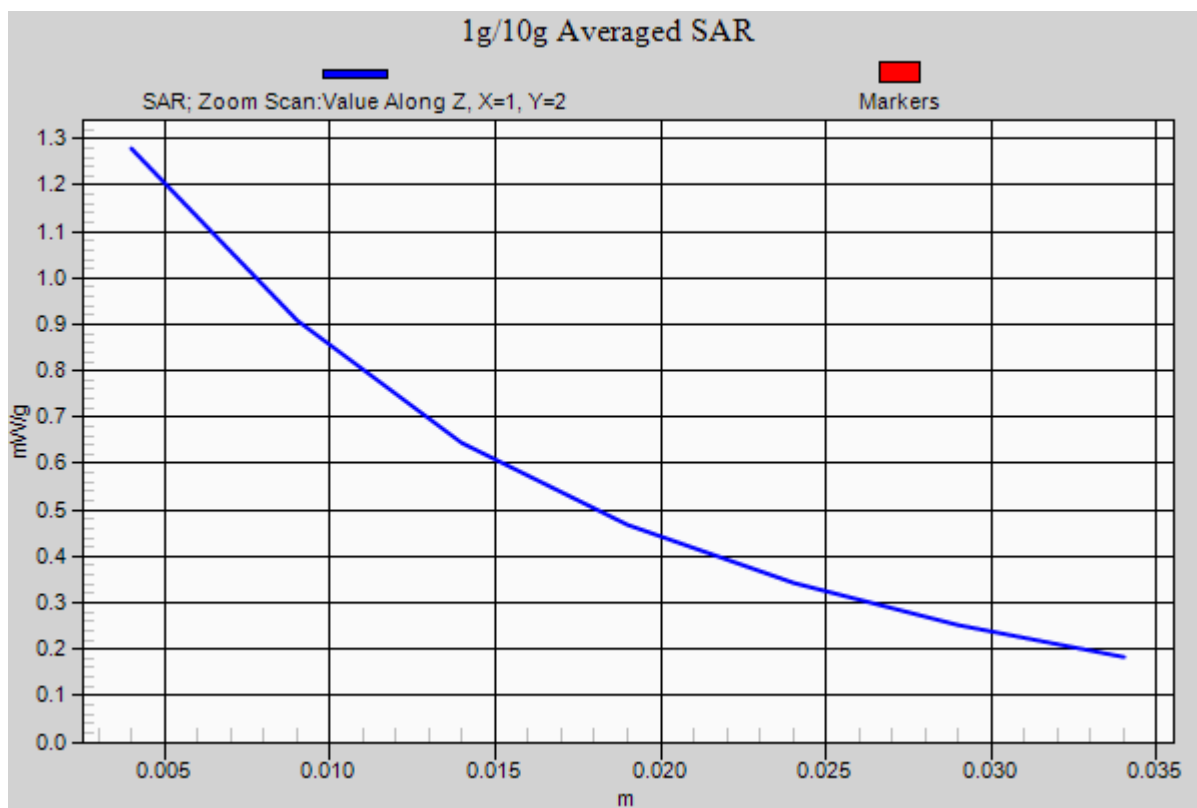
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.26 V/m; Power Drift = -0.0012 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.824 mW/g**

Maximum value of SAR (measured) = 1.28 mW/g



**#92 WCDMA V\_RMC12.2K\_Primary Landscape\_0cm\_Ch4182\_Ant Extended**

**DUT: 050315**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.065 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.68 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.077 mW/g

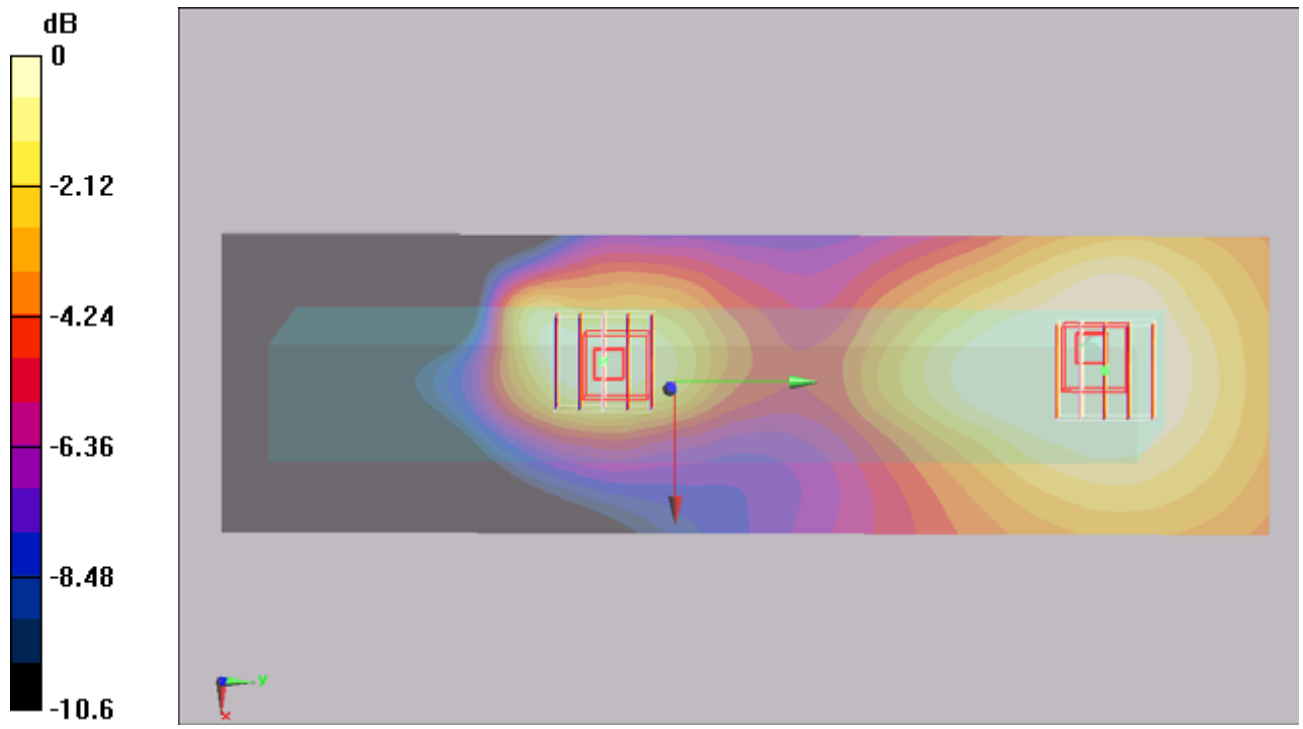
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.68 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.061 W/kg

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.047 mW/g



0 dB = 0.047mW/g

**#93 WCDMA V\_RMC12.2K\_Secondary Landscape\_0cm\_Ch4182\_Ant Retracted**

**DUT: 050315**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00213 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

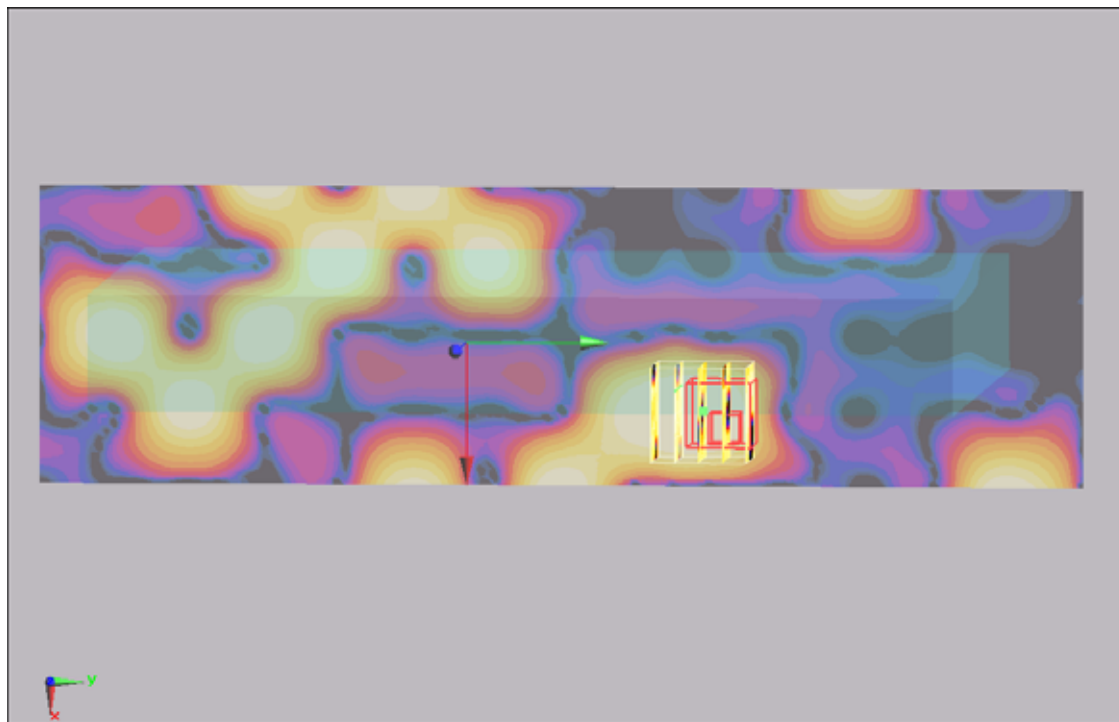
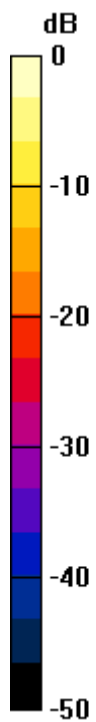
Reference Value = 0.443 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.000489 W/kg

**SAR(1 g) = 0.000101 mW/g; SAR(10 g) = 2.49e-005 mW/g**

Maximum value of SAR (measured) = 0.000338 mW/g





0 dB = 0.000338mW/g

**#94 WCDMA V\_RMC12.2K\_Primary Portrait\_0cm\_Ch4182\_Ant Extended**

**DUT: 050315**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00551 mW/g

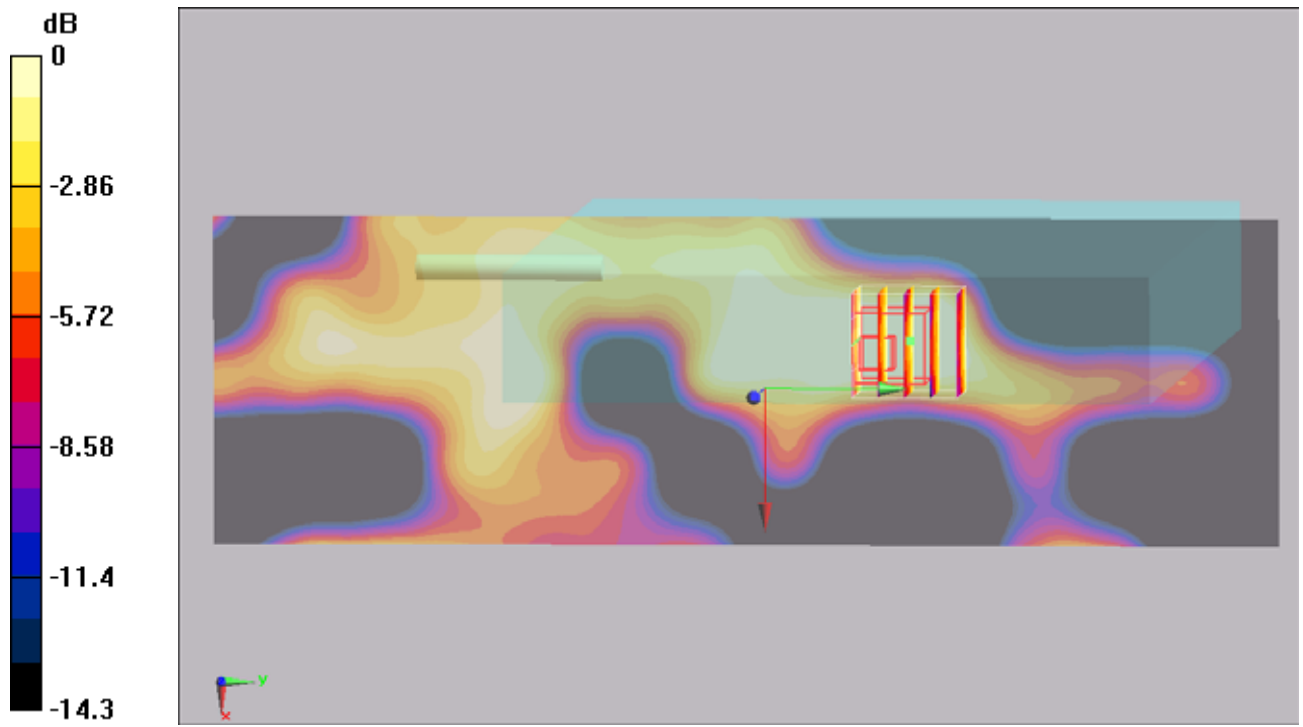
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.42 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.00265 W/kg

**SAR(1 g) = 0.00186 mW/g; SAR(10 g) = 0.00127 mW/g**

Maximum value of SAR (measured) = 0.00201 mW/g



0 dB = 0.00201mW/g

### #106 WCDMA V\_RMC12.2K\_Secondary Portrait\_0cm\_Ch4132\_Ant Extended

**DUT: 050315**

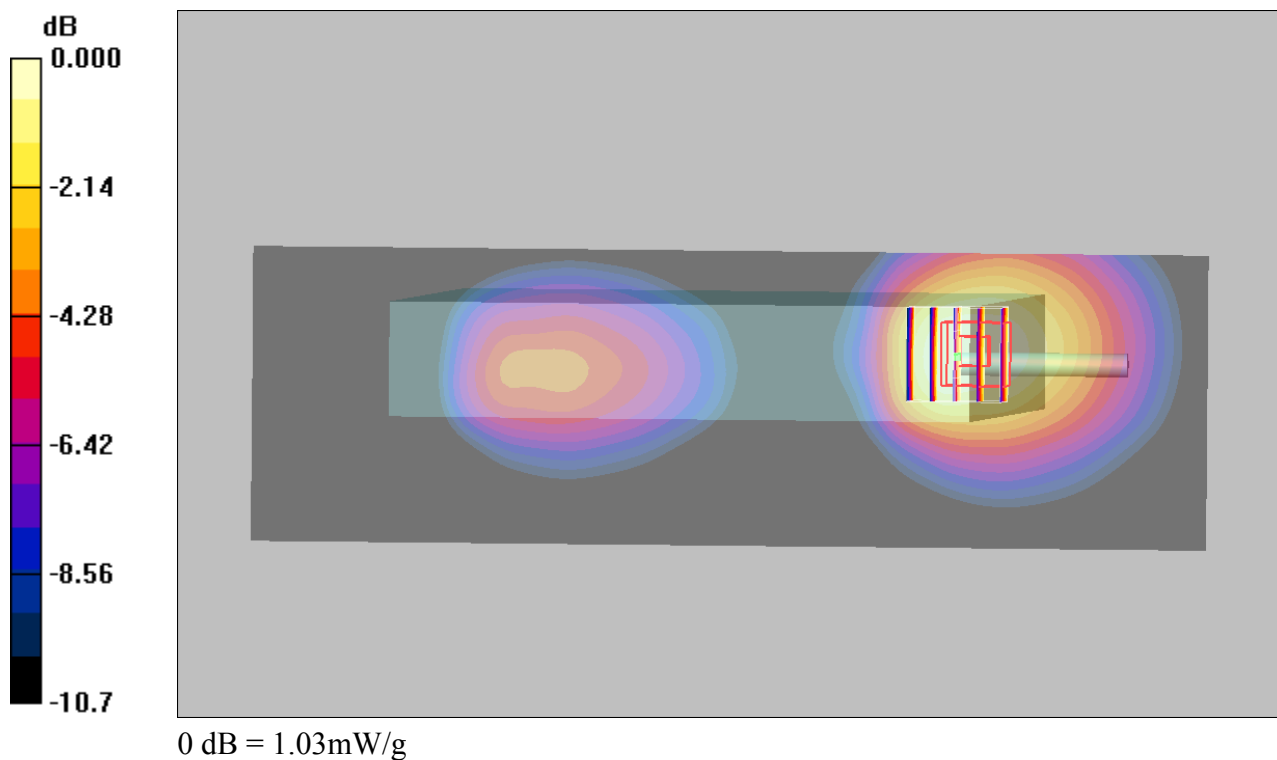
Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_100624 Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- 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

**Ch4132/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.15 mW/g

**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.1 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 1.26 W/kg  
**SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.695 mW/g**  
Maximum value of SAR (measured) = 1.03 mW/g



**#74 WCDMA II\_RMC12.2K\_Bottom\_0cm\_Ch9400\_Ant Extended**

**DUT: 050315**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_100520 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (81x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.549 mW/g

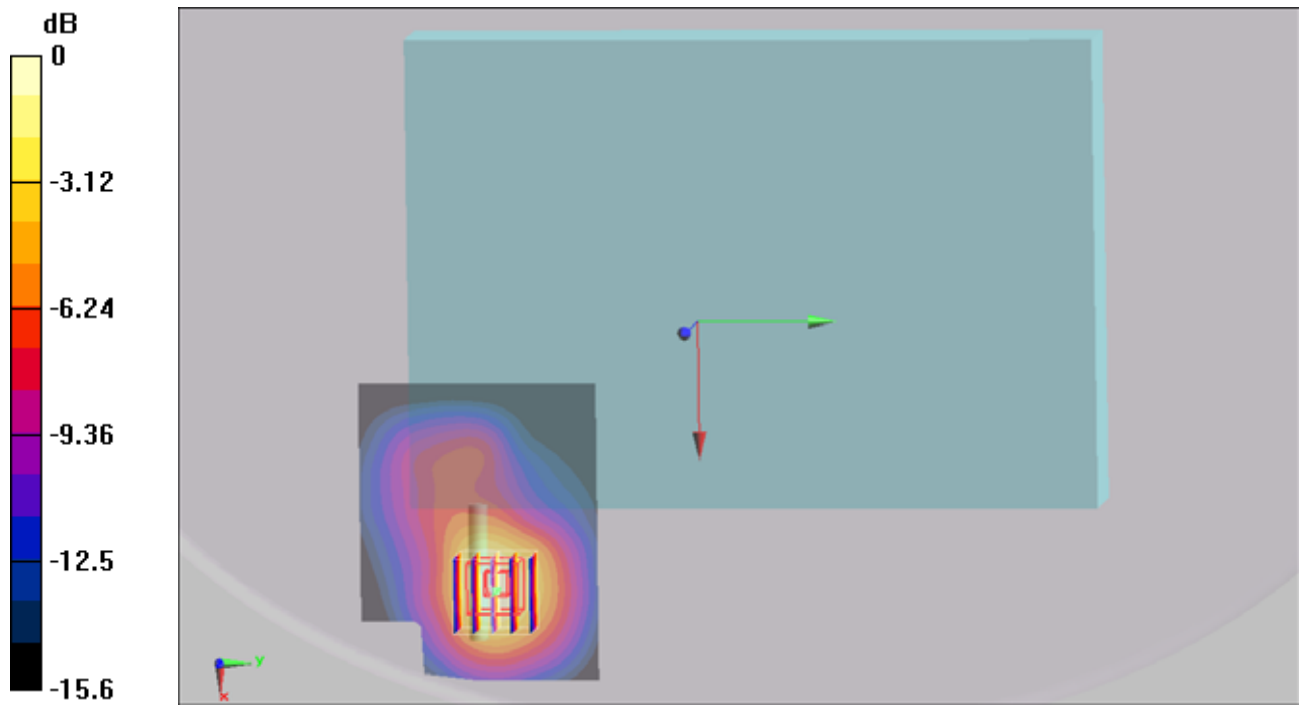
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.78 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 0.564 mW/g



0 dB = 0.564mW/g

#74 WCDMA II\_RMC12.2K\_Bottom\_0cm\_Ch9400\_Ant Extended\_2D

DUT: 050315

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_100520 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (81x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.549 mW/g

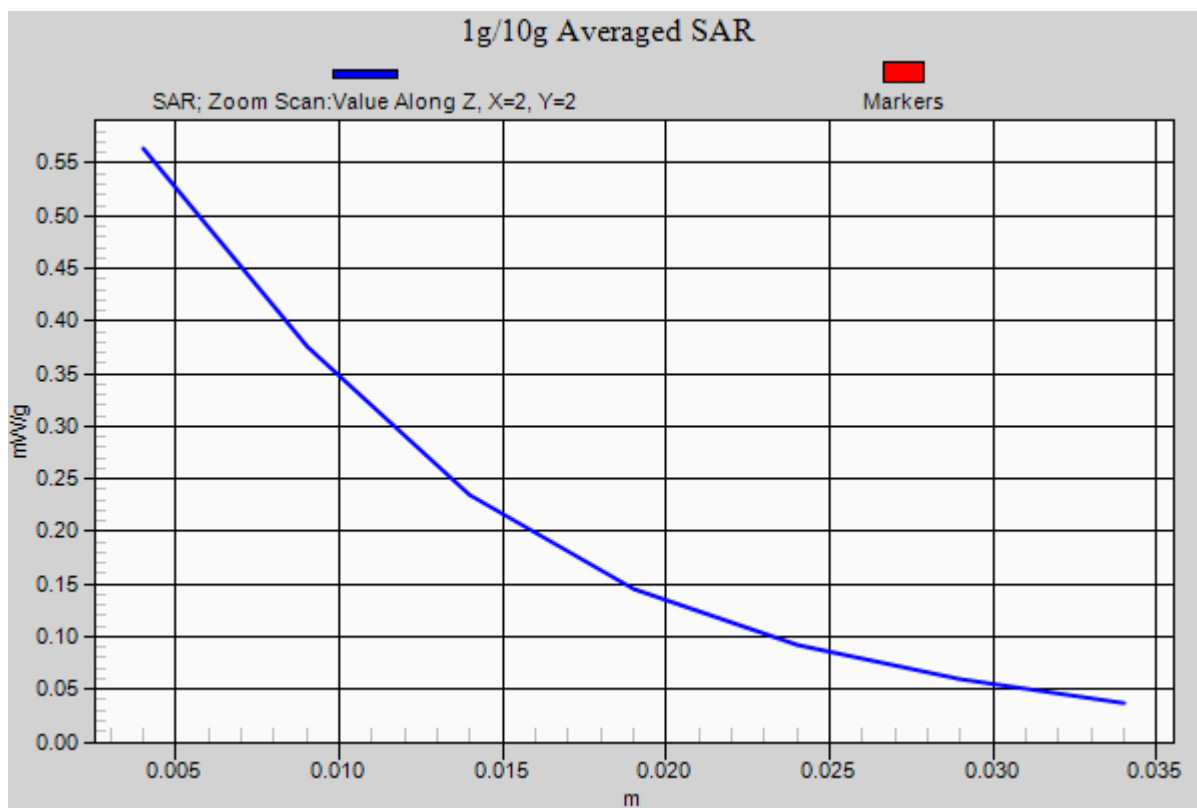
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.78 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 0.564 mW/g



**#101 CDMA2000 BC0\_RC1+SO55\_Bottom\_0cm\_Ch1013\_Ant Retracted**

**DUT: 050315**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (151x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00125 mW/g

**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

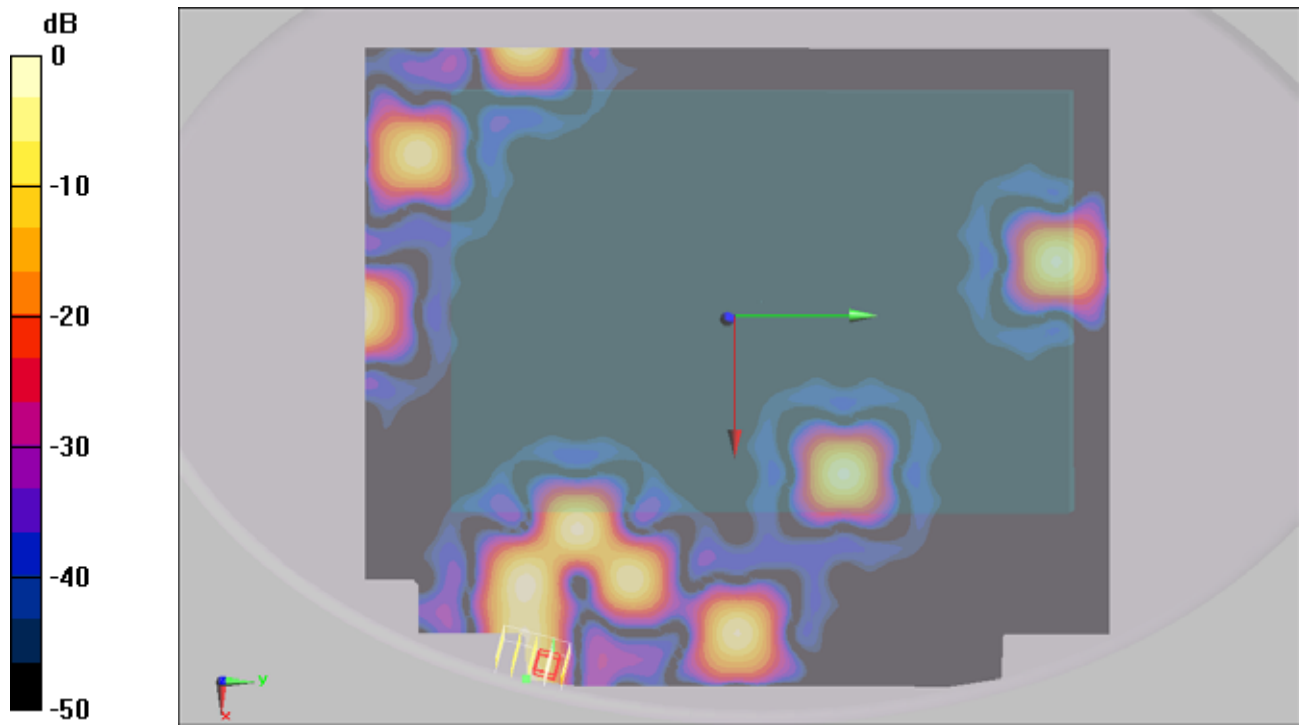
Reference Value = 0.577 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.00385 W/kg

**SAR(1 g) = 0.0011 mW/g; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.00122 mW/g





0 dB = 0.00122mW/g

**#67 CDMA2000 BC0\_RC3+SO55\_Bottom\_0cm\_Ch1013\_Ant Extended**

**DUT: 050315**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100518 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.08 mW/g

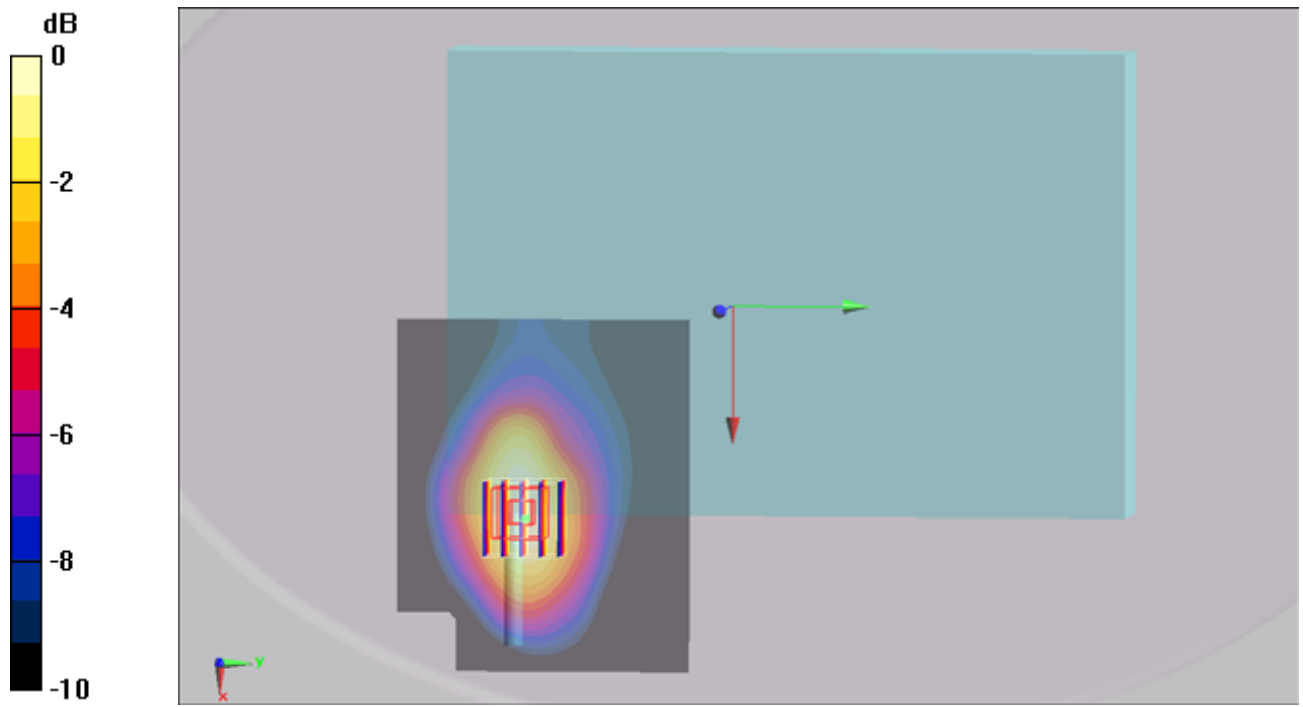
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.6 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.676 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

**#67 CDMA2000 BC0\_RC3+SO55\_Bottom\_0cm\_Ch1013\_Ant Extended\_2D**

**DUT: 050315**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100518 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.08 mW/g

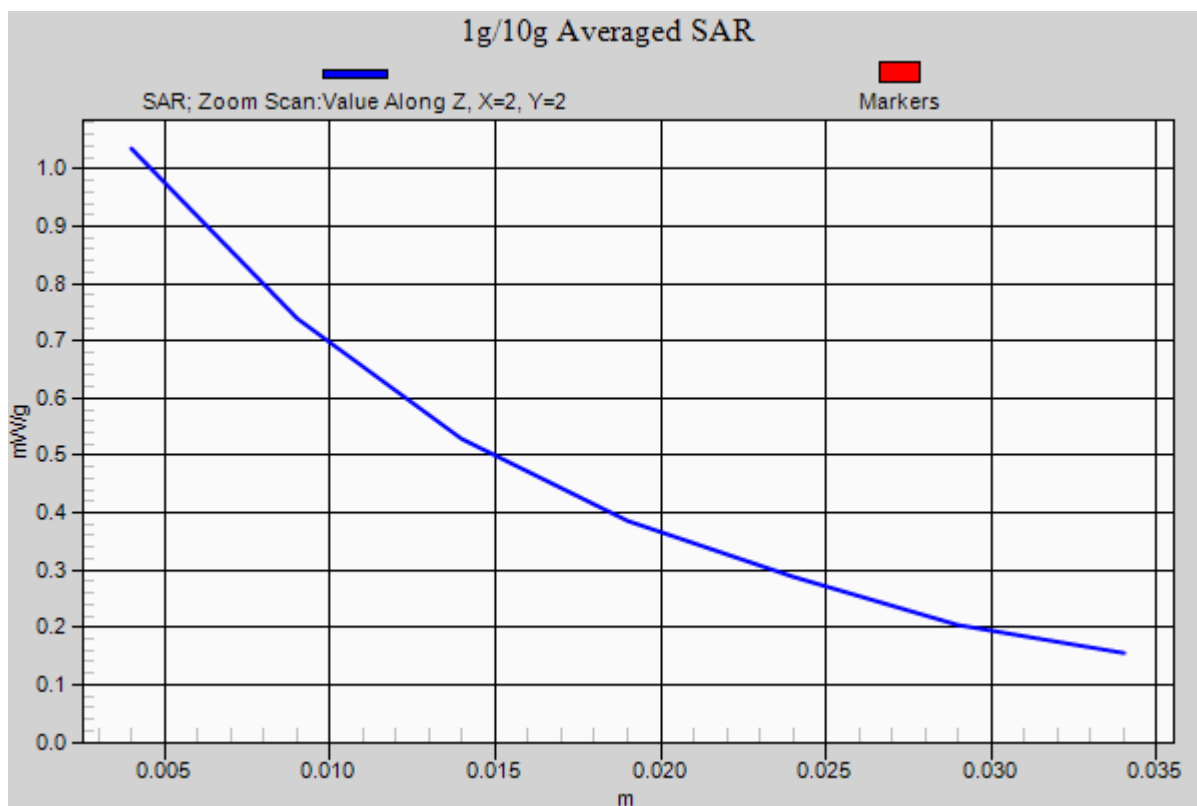
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.6 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.676 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g



**#102 CDMA2000 BC0\_RC1+SO55\_Primary Landscape\_0cm\_Ch1013\_Ant Extended**

**DUT: 050315**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.046 mW/g

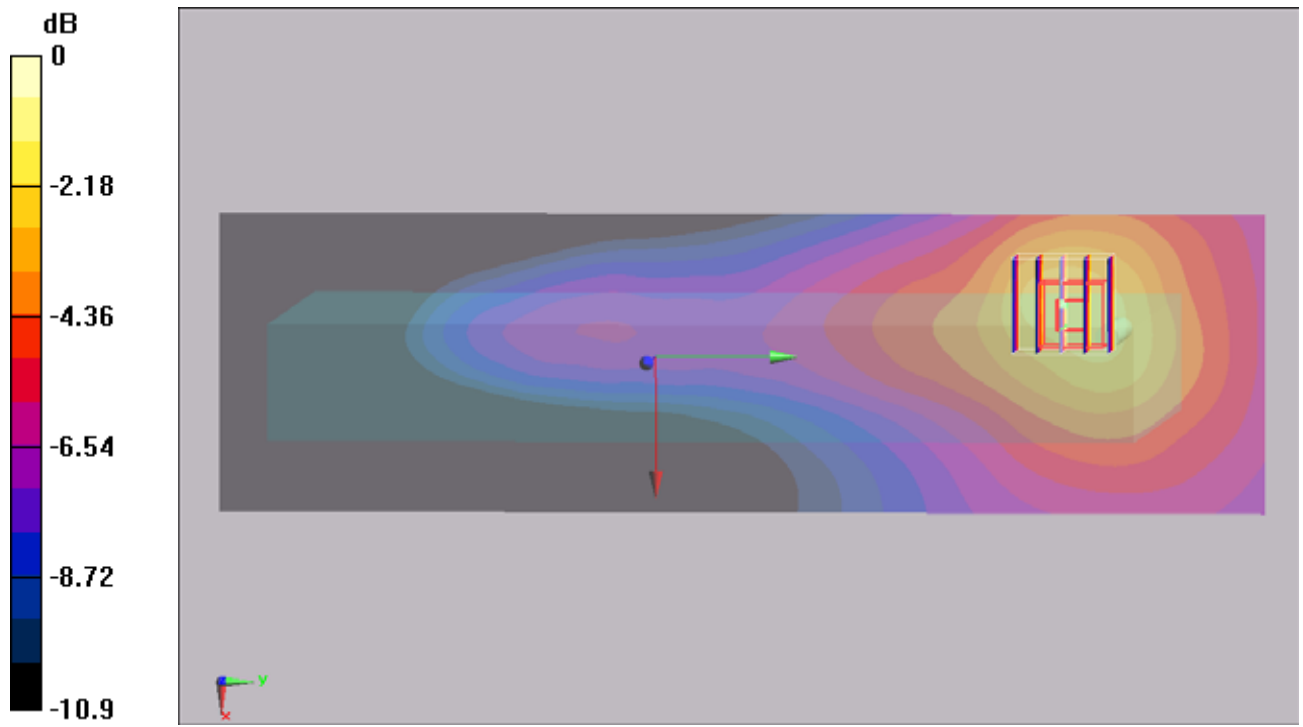
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.96 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.064 mW/g



0 dB = 0.064mW/g

**#103 CDMA2000 BC0\_RC1+SO55\_Secondary Landscape\_0cm\_Ch1013\_Ant Retracted**

**DUT: 050315**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00223 mW/g

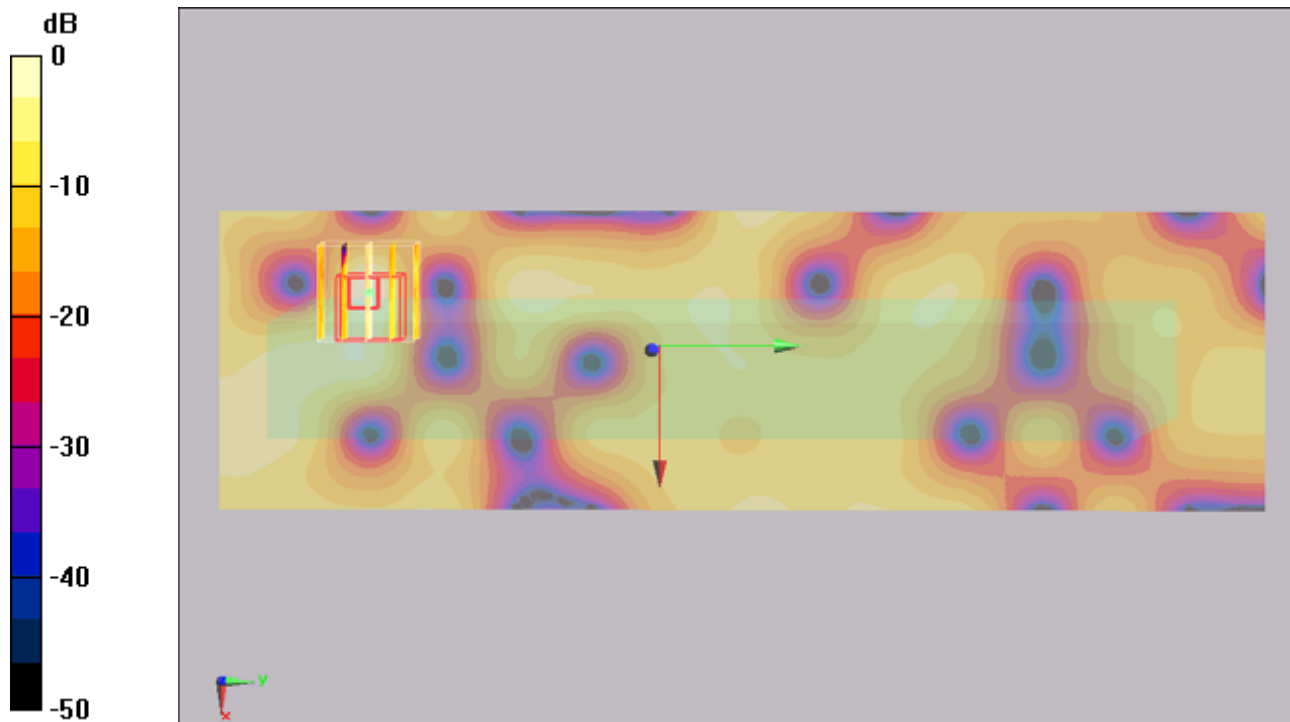
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.339 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.00457 W/kg

**SAR(1 g) = 0.00167 mW/g; SAR(10 g) = 0.000655 mW/g**

Maximum value of SAR (measured) = 0.00219 mW/g



0 dB = 0.00219mW/g



**#104 CDMA2000 BC0\_RC1+SO55\_Primary Portrait\_0cm\_Ch1013\_Ant Extended**

**DUT: 050315**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.020 mW/g

**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.6 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.050 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.024 mW/g

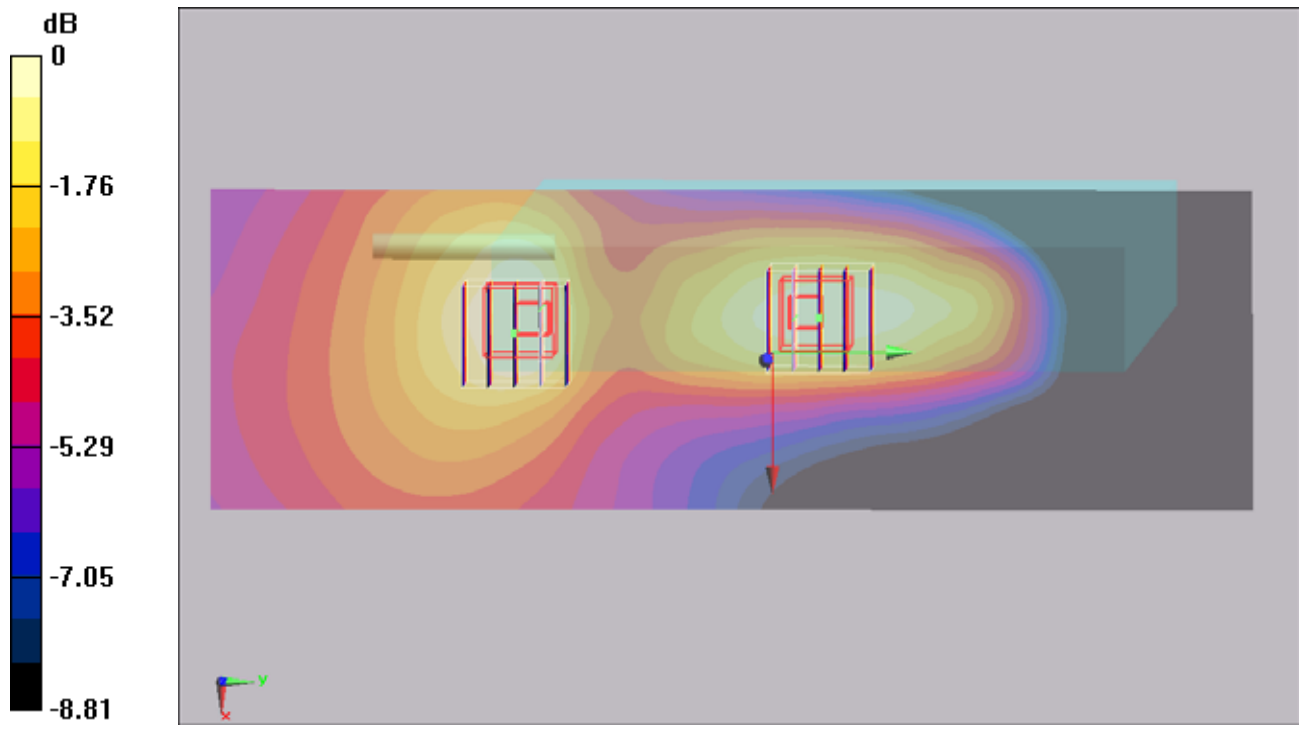
**Ch1013/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.6 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.024 W/kg

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.019 mW/g



**#105 CDMA2000 BC0\_RC1+SO55\_Secondary Portrait\_0cm\_Ch1013\_Ant Extended**

**DUT: 050315**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100624 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (51x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.856 mW/g

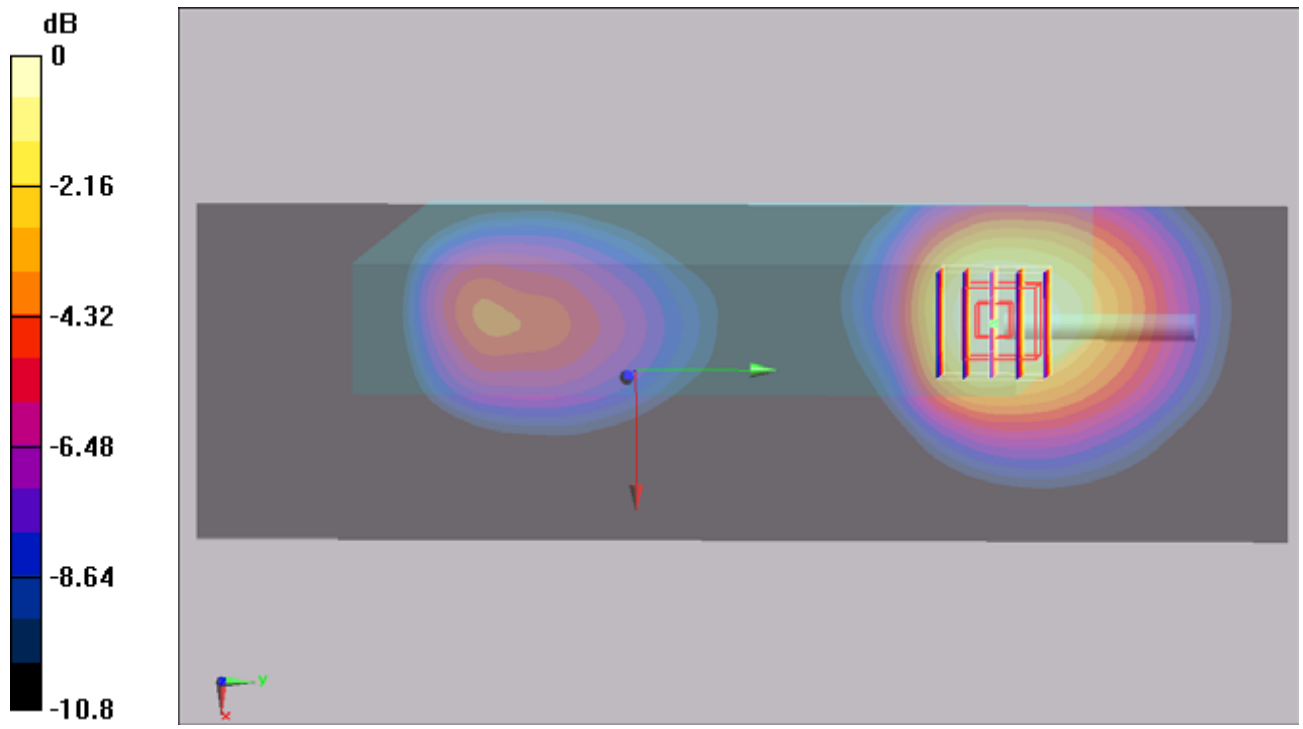
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.957 W/kg

**SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.494 mW/g**

Maximum value of SAR (measured) = 0.767 mW/g



0 dB = 0.767mW/g

**#76 CDMA2000 BC1\_RC3+SO55\_Bottom\_0cm\_Ch600\_Ant Extended**

**DUT: 050315**

Communication System: CDMA ; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_100520 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch600/Area Scan (81x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.698 mW/g

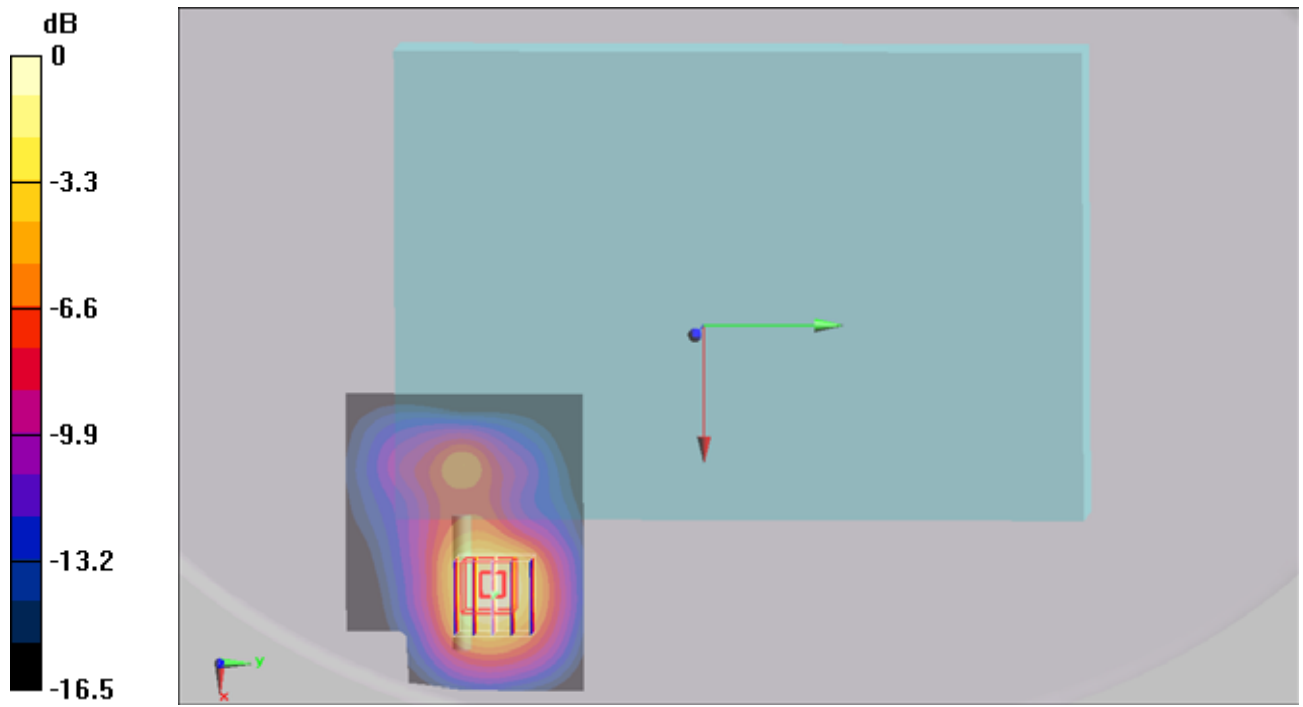
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.05 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 0.951 W/kg

**SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.389 mW/g**

Maximum value of SAR (measured) = 0.715 mW/g



### #76 CDMA2000 BC1\_RC3+SO55\_Bottom\_0cm\_Ch600\_Ant Extended\_2D

**DUT: 050315**

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_100520 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch600/Area Scan (51x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.698 mW/g

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.05 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 0.951 W/kg

**SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.389 mW/g**

Maximum value of SAR (measured) = 0.715 mW/g

