

**#07 GSM850\_GPRS10\_Front\_1.5cm\_Ch189**

**DUT: 211340**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120202 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 : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (81x171x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.040 mW/g

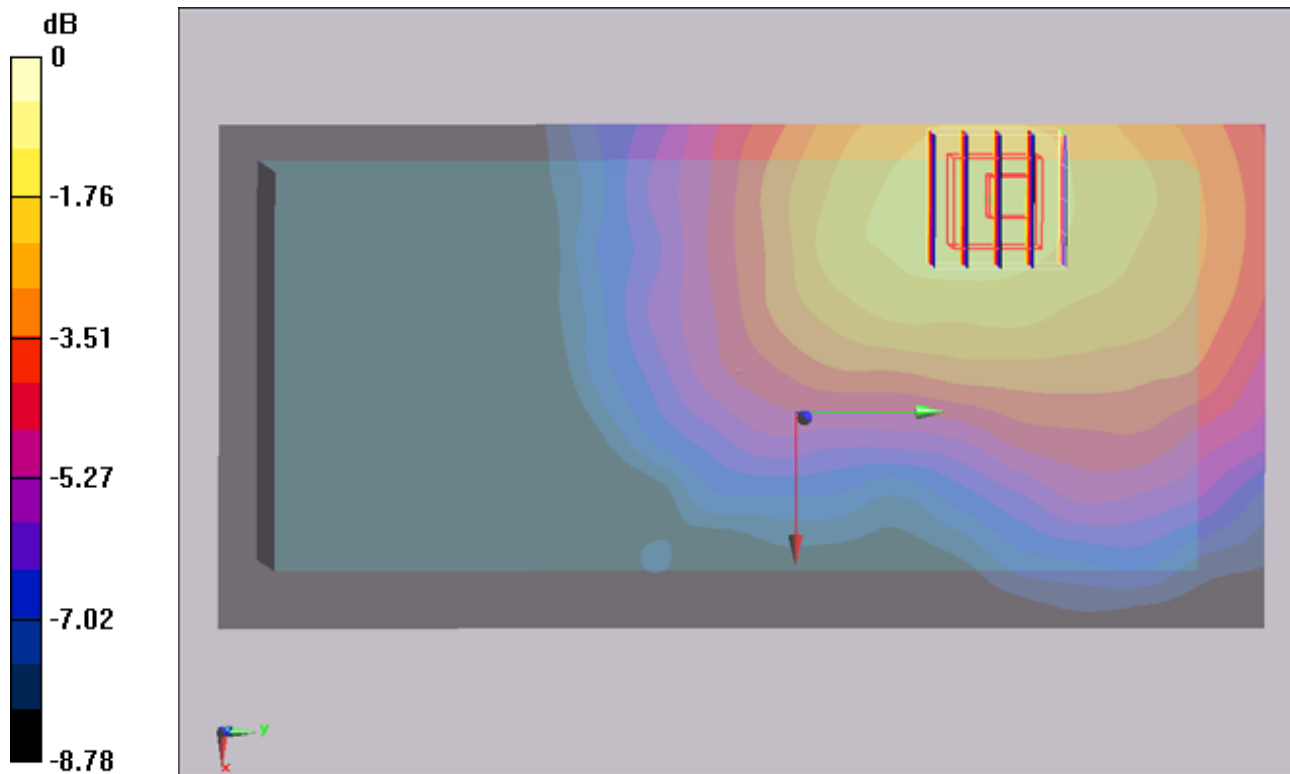
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.62 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.069 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

**#08 GSM850\_GPRS10\_Right Side\_1.5cm\_Ch189**

**DUT: 211340**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120202 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 : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.033 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.04 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.042 W/kg

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.033 mW/g

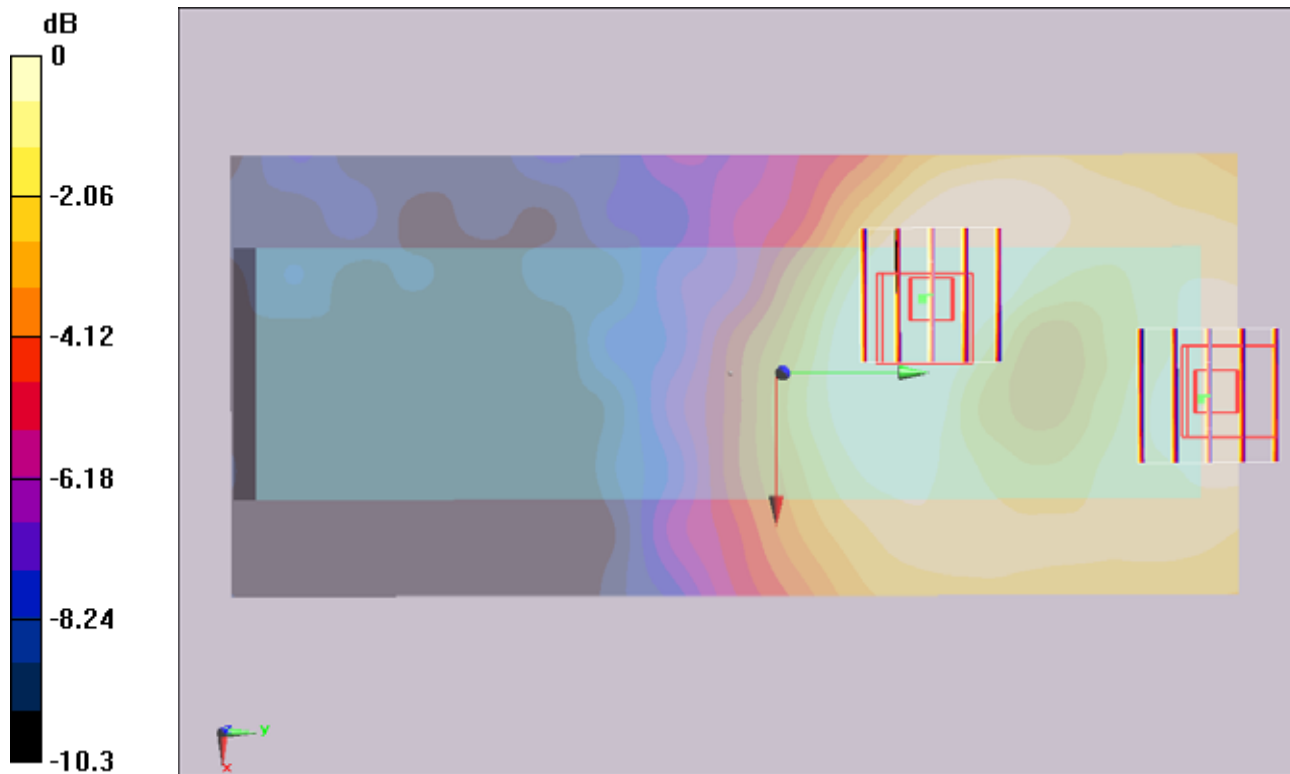
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.04 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.032 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.016 mW/g**

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



0 dB = 0.024mW/g

**#09 GSM850\_GPRS10\_Left Side\_1.5cm\_Ch189**

**DUT: 211340**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120202 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 : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.246 mW/g

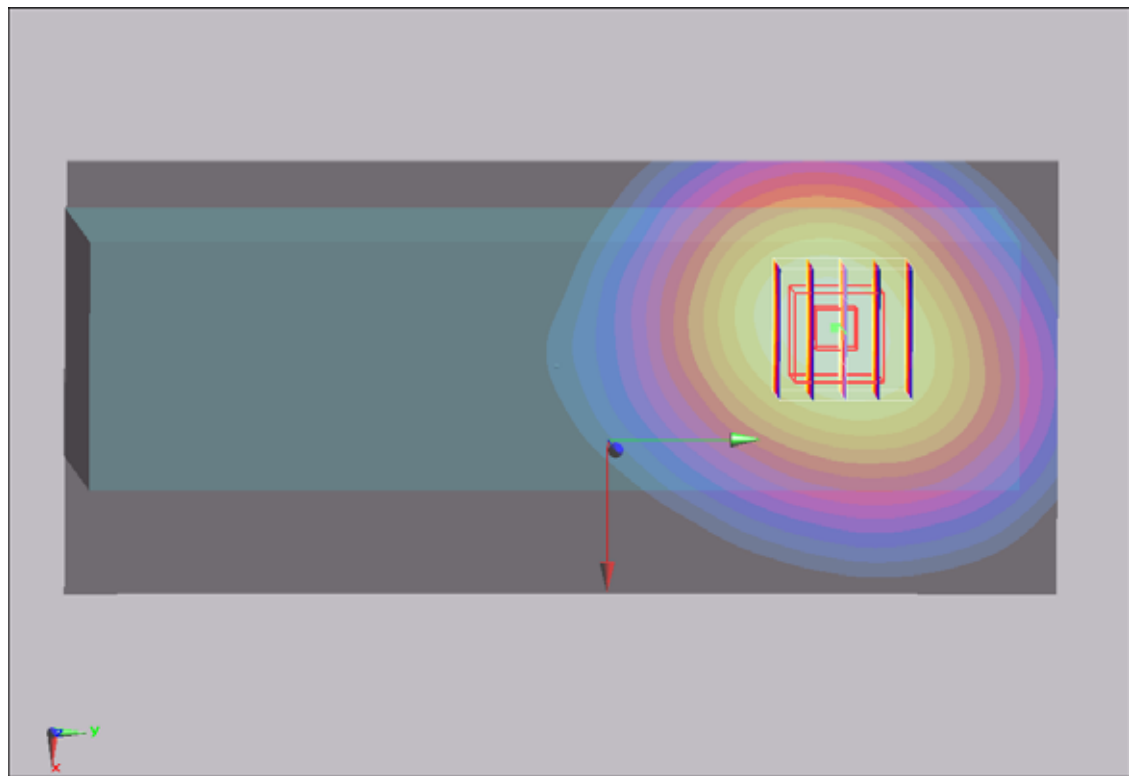
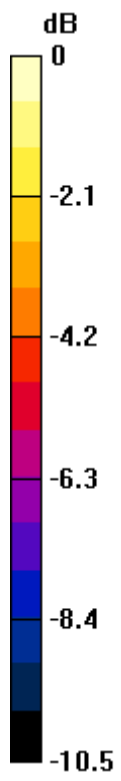
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.57 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.246mW/g

**#09 GSM850\_GPRS10\_Left Side\_1.5cm\_Ch189\_2D**

**DUT: 211340**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120202 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 : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.246 mW/g

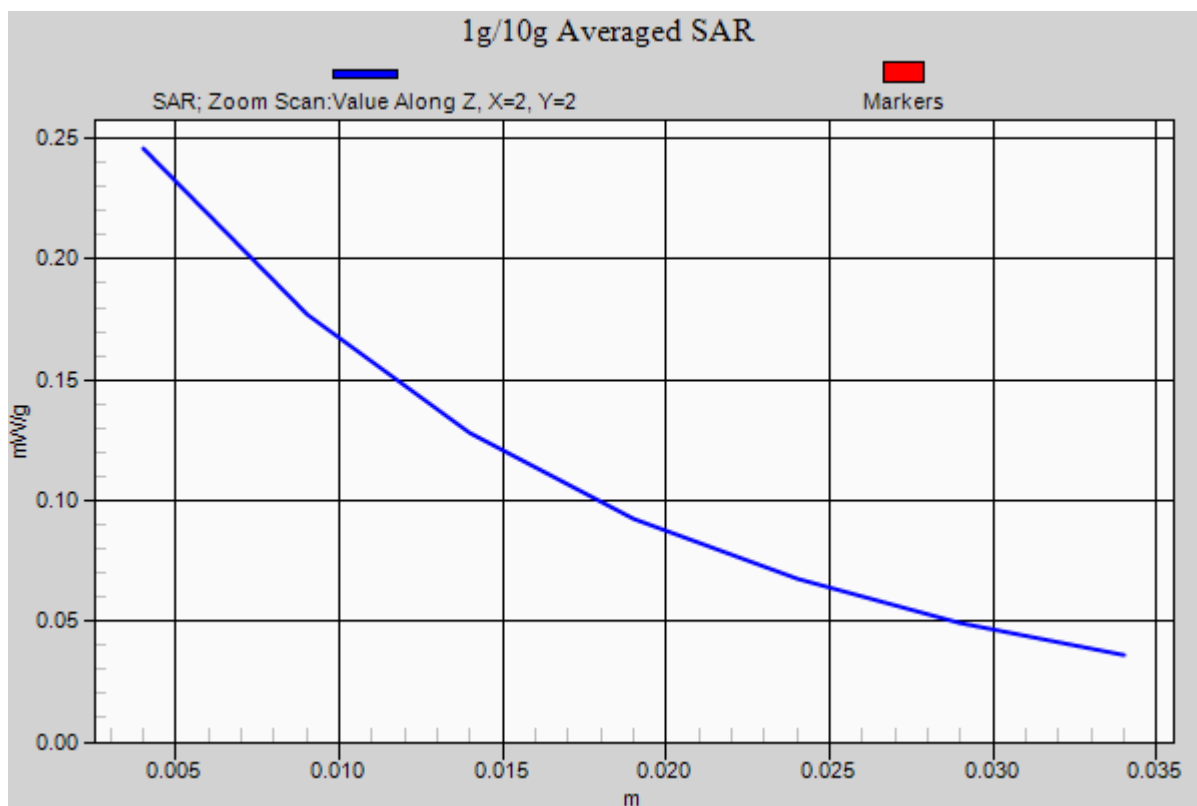
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.57 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.246 mW/g



**#04 GSM1900\_GPRS10\_Front\_1.5cm\_Ch661**

**DUT: 211340**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120202 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (81x171x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.023 mW/g

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

Reference Value = 1.29 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.040 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.014 mW/g**

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

**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

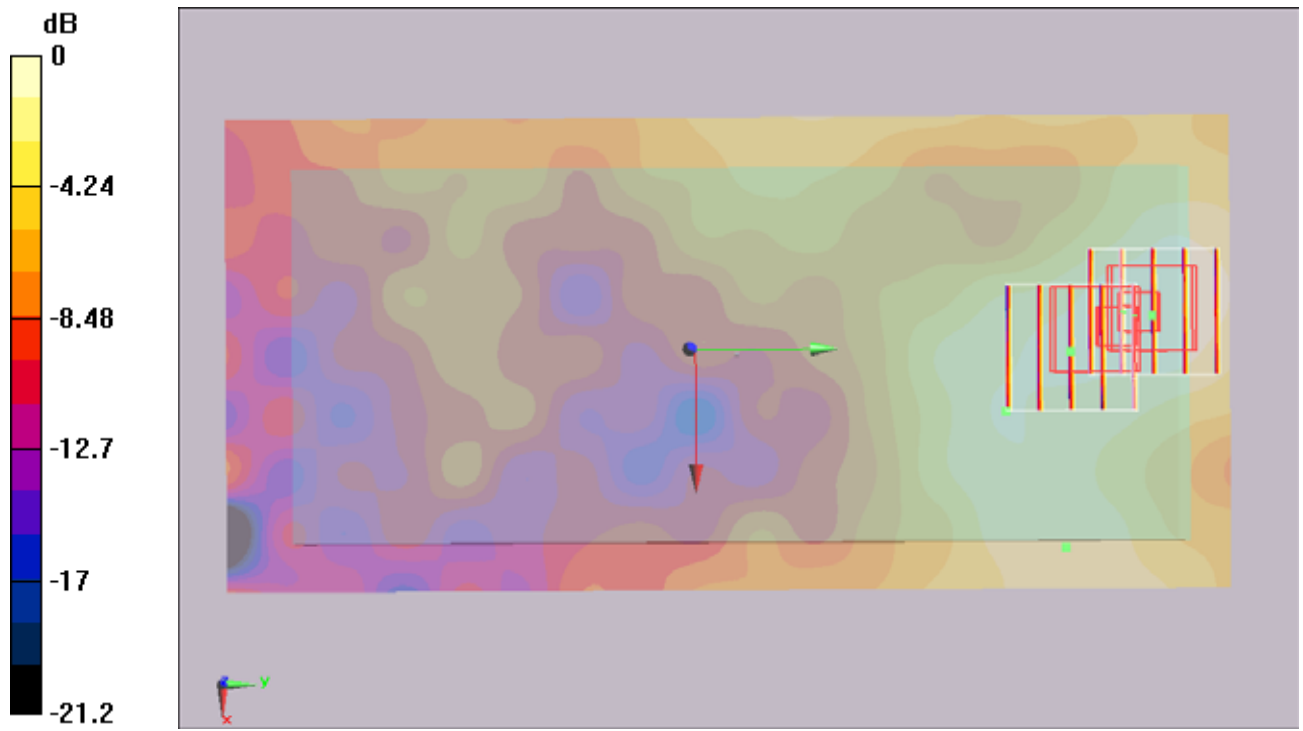
Reference Value = 1.29 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.038 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.022 mW/g





0 dB = 0.024mW/g

**#05 GSM1900\_GPRS10\_Right Side\_1.5cm\_Ch661**

**DUT: 211340**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120202 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.054 mW/g

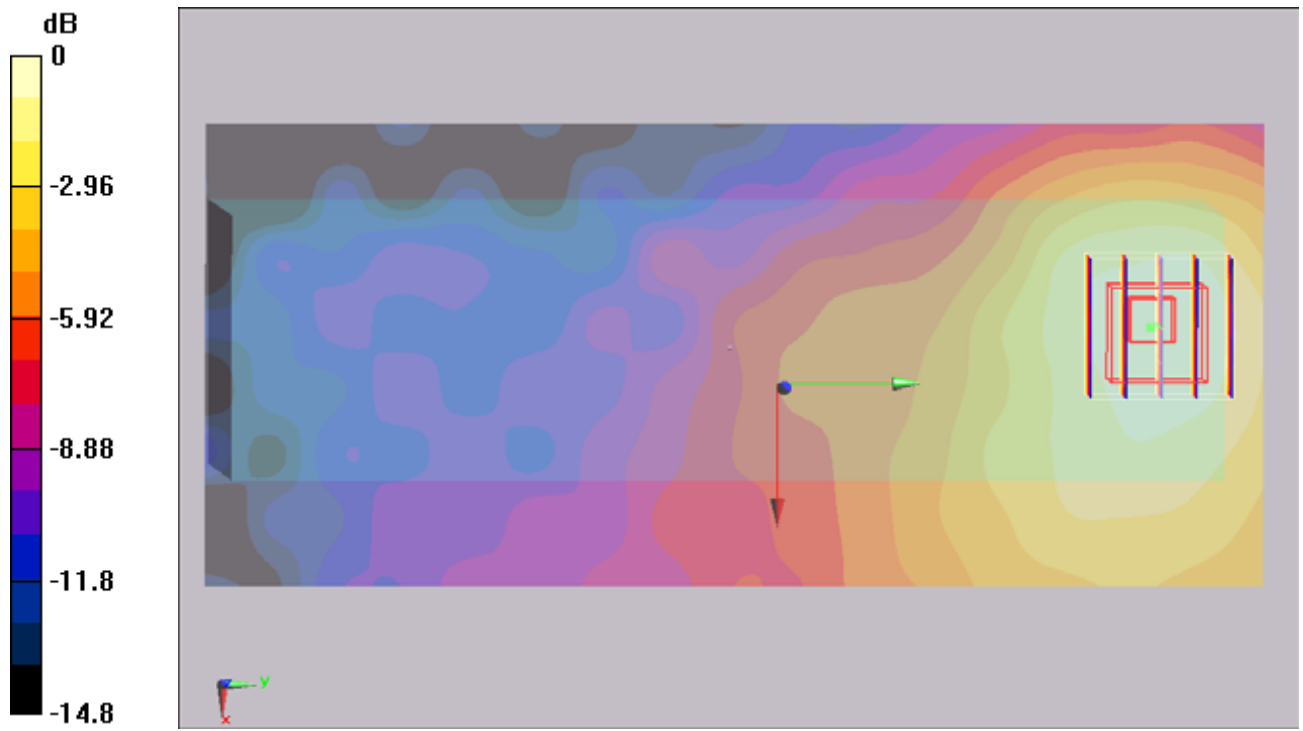
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.65 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.081 W/kg

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

**#06 GSM1900\_GPRS10\_Left Side\_1.5cm\_Ch661**

**DUT: 211340**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120202 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.182 mW/g

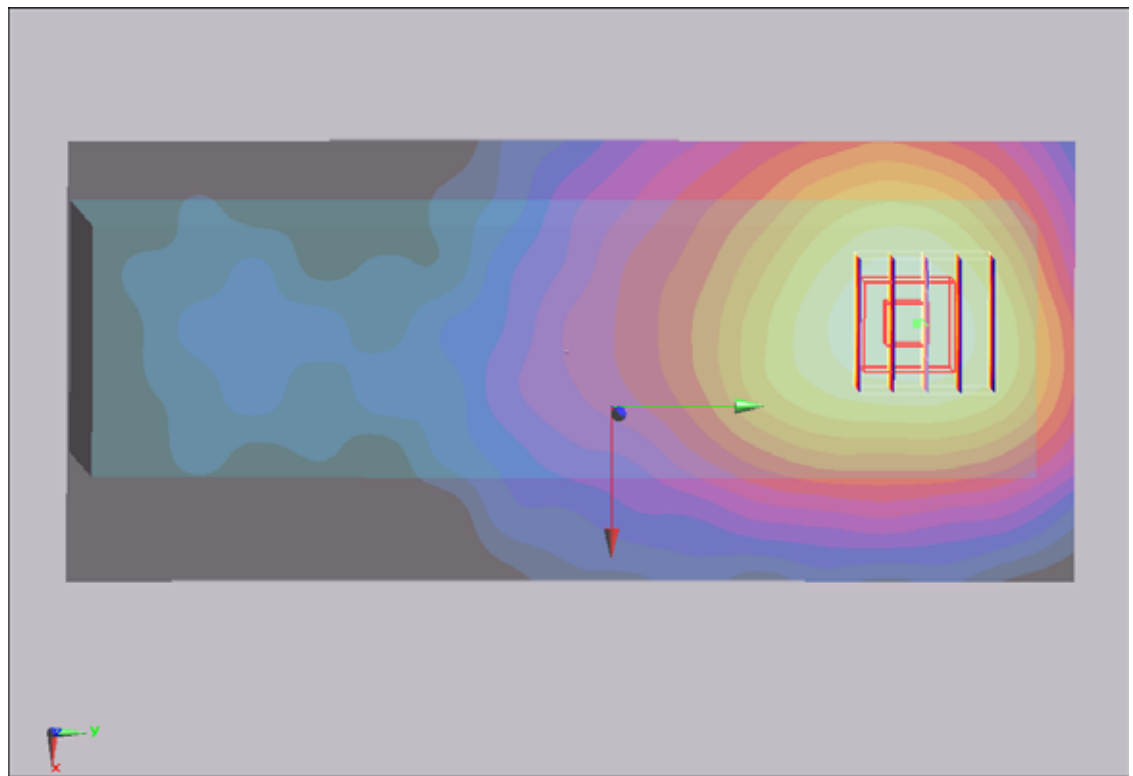
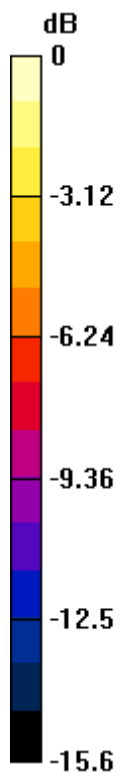
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.179mW/g

**#06 GSM1900\_GPRS10\_Left Side\_1.5cm\_Ch661\_2D**

**DUT: 211340**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120202 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.182 mW/g

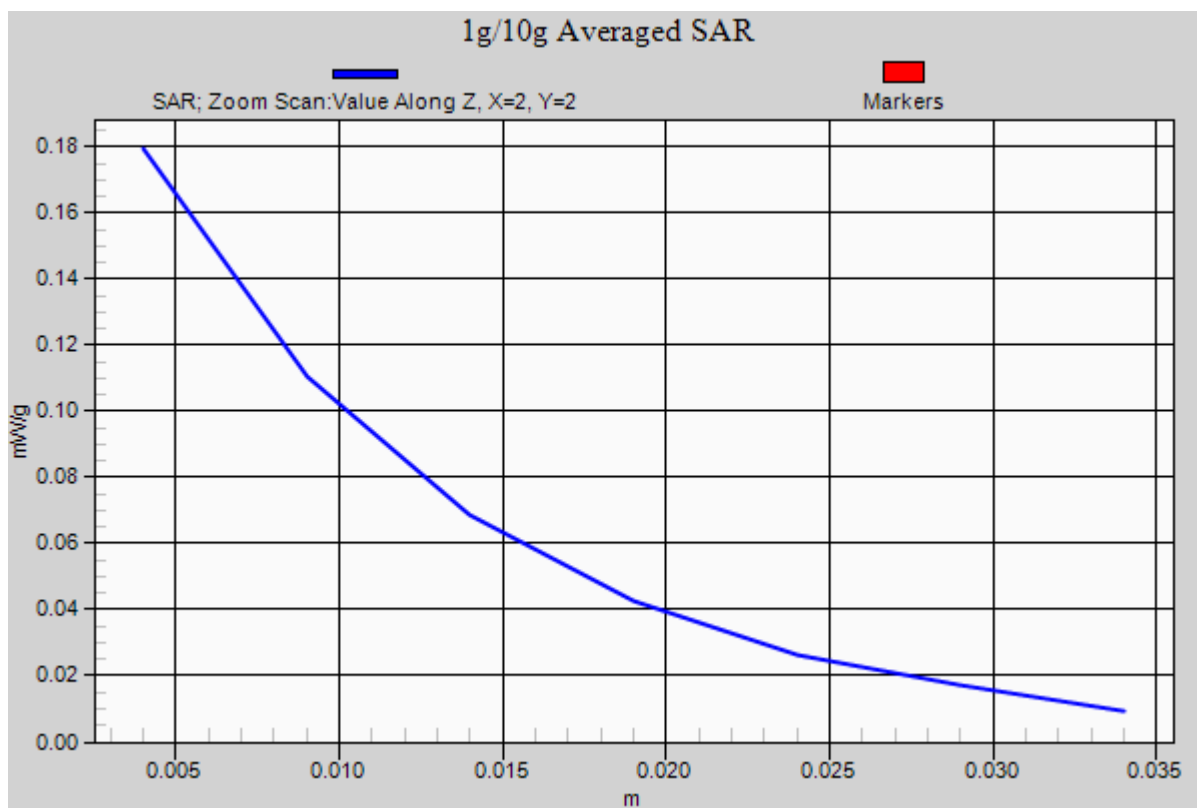
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.179 mW/g



**#10 WCDMA V\_RMC12.2K\_Front\_1.5cm\_Ch4233**

**DUT: 211340**

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

Medium: MSL\_850\_120202 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (81x171x1):** Measurement grid: dx=15mm, dy=15mm

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

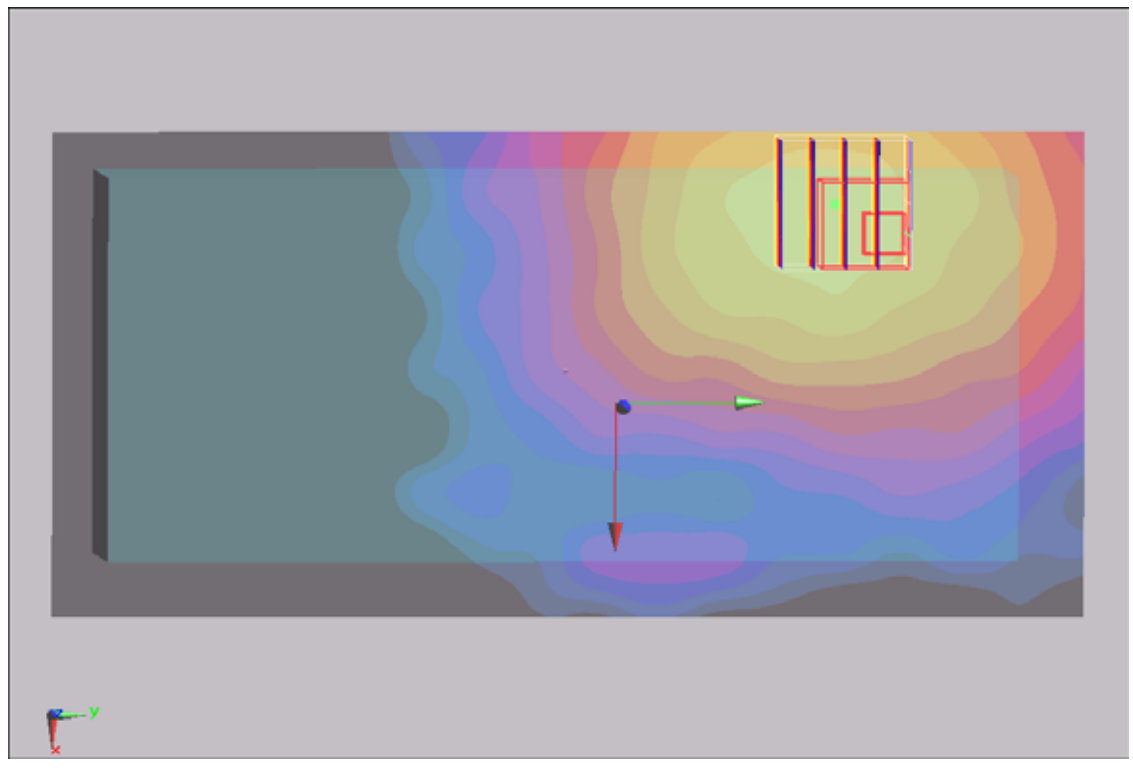
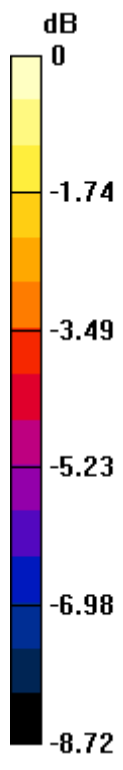
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.19 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 0.043 W/kg

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.033mW/g



**#11 WCDMA V\_RMC12.2K\_Right Side\_1.5cm\_Ch4233**

**DUT: 211340**

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

Medium: MSL\_850\_120202 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.023 mW/g

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

Reference Value = 1.69 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 0.031 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.023 mW/g

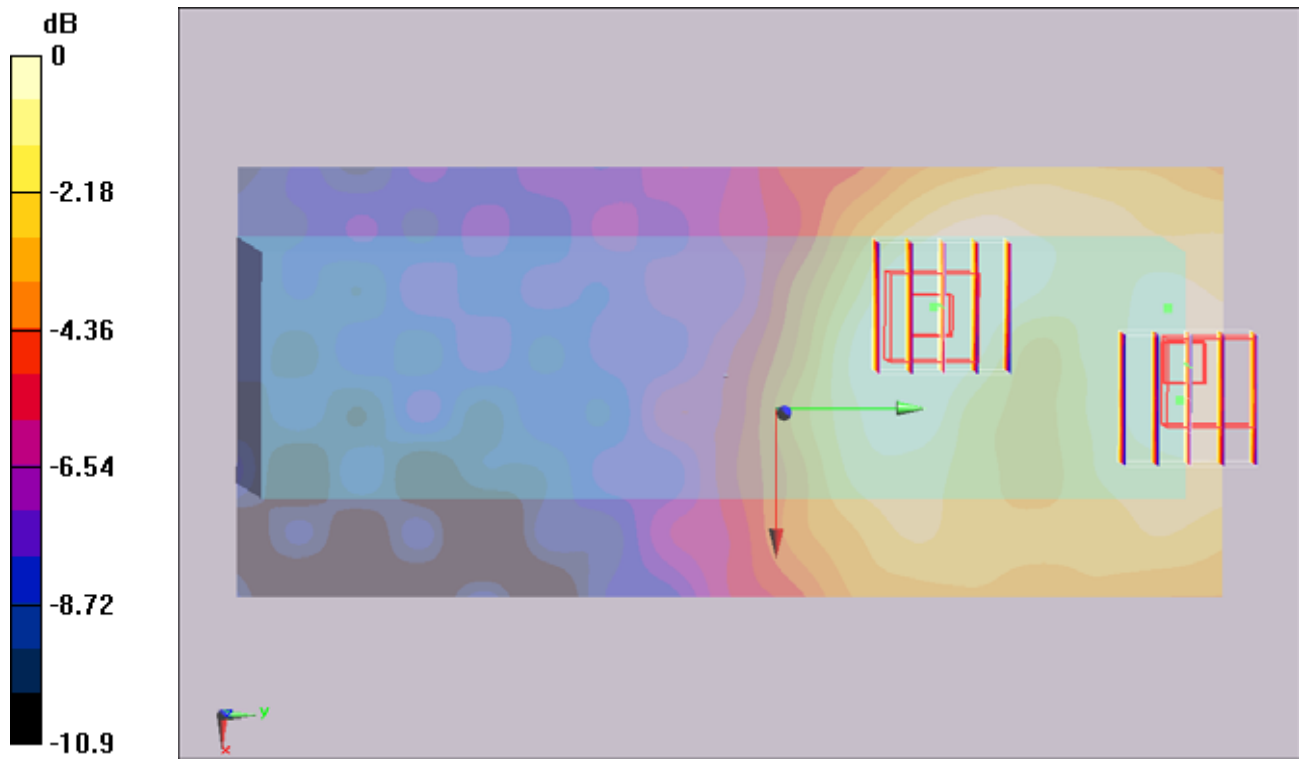
**Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.69 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 0.025 W/kg

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.018 mW/g



**#12 WCDMA V\_RMC12.2K\_Left Side\_1.5cm\_Ch4233**

**DUT: 211340**

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

Medium: MSL\_850\_120202 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 mW/g

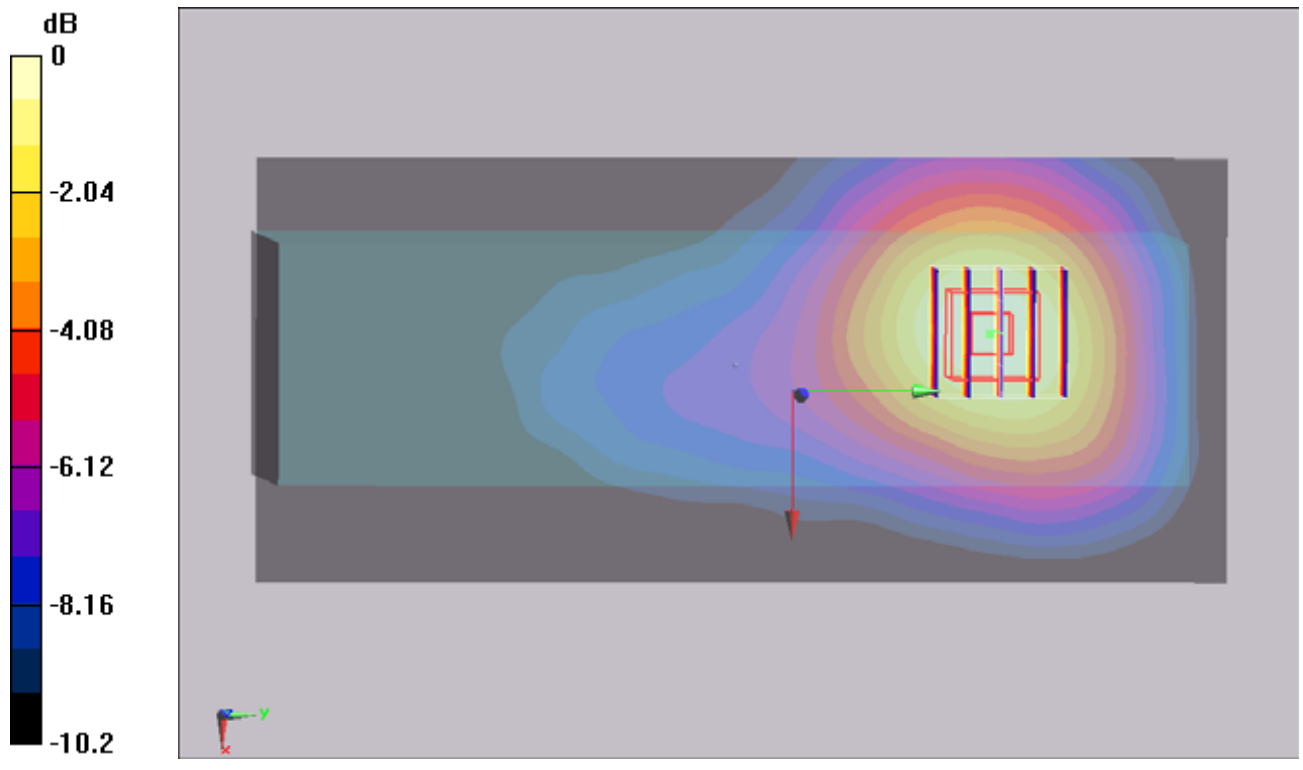
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.3 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.172 W/kg

**SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.085 mW/g**

Maximum value of SAR (measured) = 0.131 mW/g



#12 WCDMA V\_RMC12.2K\_Left Side\_1.5cm\_Ch4233\_2D

DUT: 211340

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

Medium: MSL\_850\_120202 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 mW/g

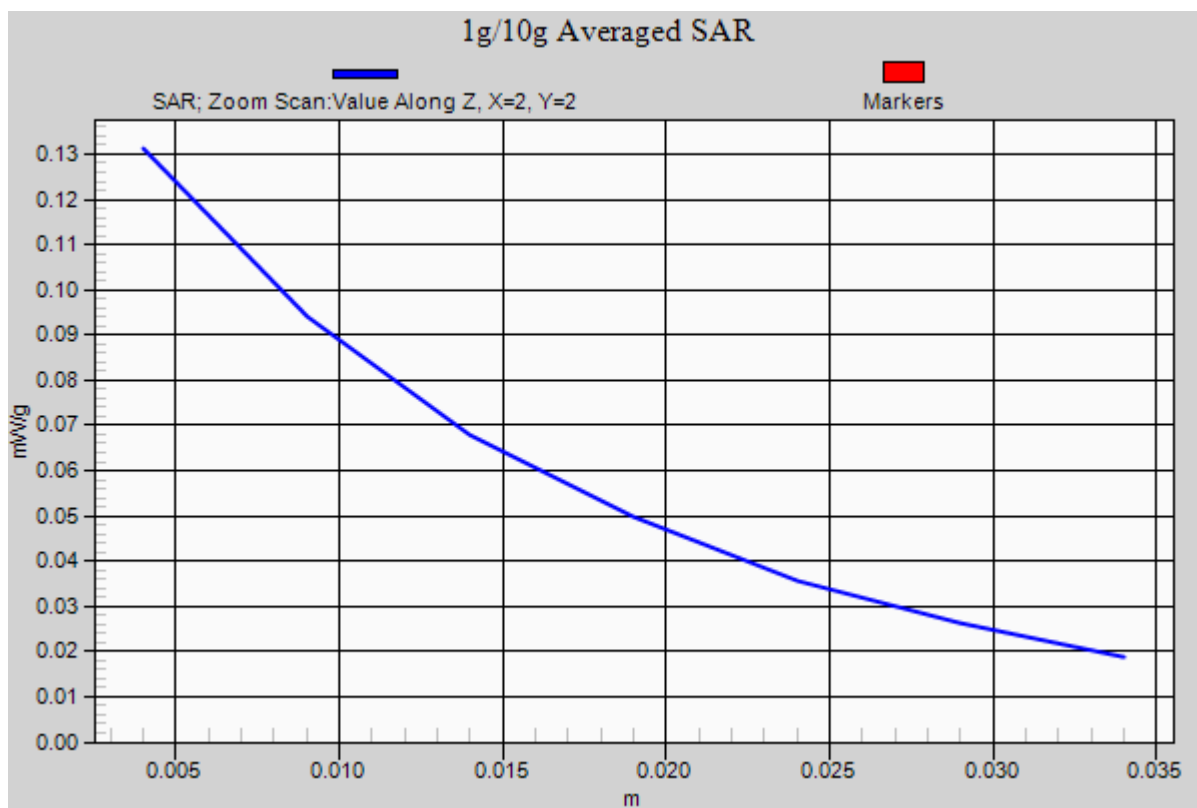
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.3 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.172 W/kg

**SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.085 mW/g**

Maximum value of SAR (measured) = 0.131 mW/g



**#01 WCDMA II\_RMC12.2K\_Front Face\_1.5cm\_Ch9262**

**DUT: 211340**

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

Medium: MSL\_1900\_120202 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch9262/Area Scan (81x171x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.029 mW/g

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

Reference Value = 2 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.048 W/kg

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.030 mW/g

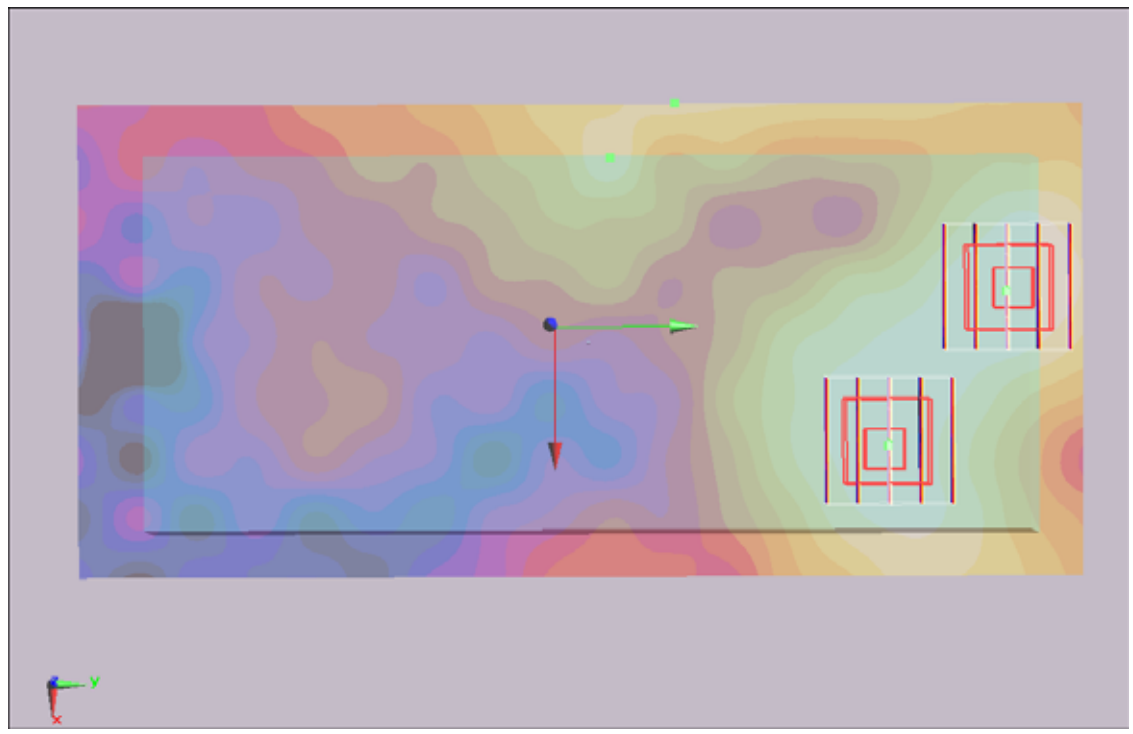
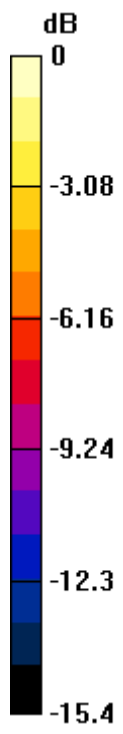
**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.044 W/kg

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.028 mW/g



0 dB = 0.028mW/g

**#02 WCDMA II\_RMC12.2K\_Right Side\_1.5cm\_Ch9262**

**DUT: 211340**

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

Medium: MSL\_1900\_120202 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch9262/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.060 mW/g

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

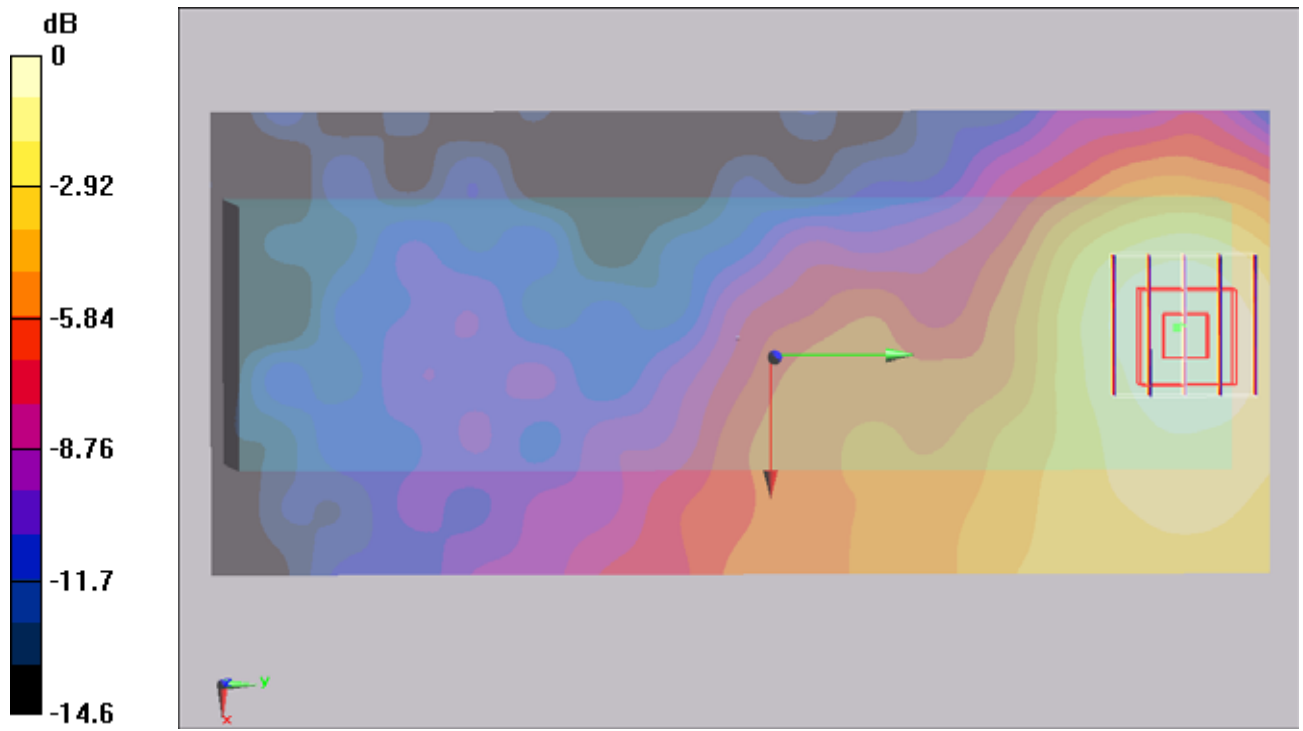
Reference Value = 2.75 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 0.089 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.060 mW/g





0 dB = 0.060mW/g

**#03 WCDMA II\_RMC12.2K\_Left Side\_1.5cm\_Ch9262**

**DUT: 211340**

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

Medium: MSL\_1900\_120202 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch9262/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 mW/g

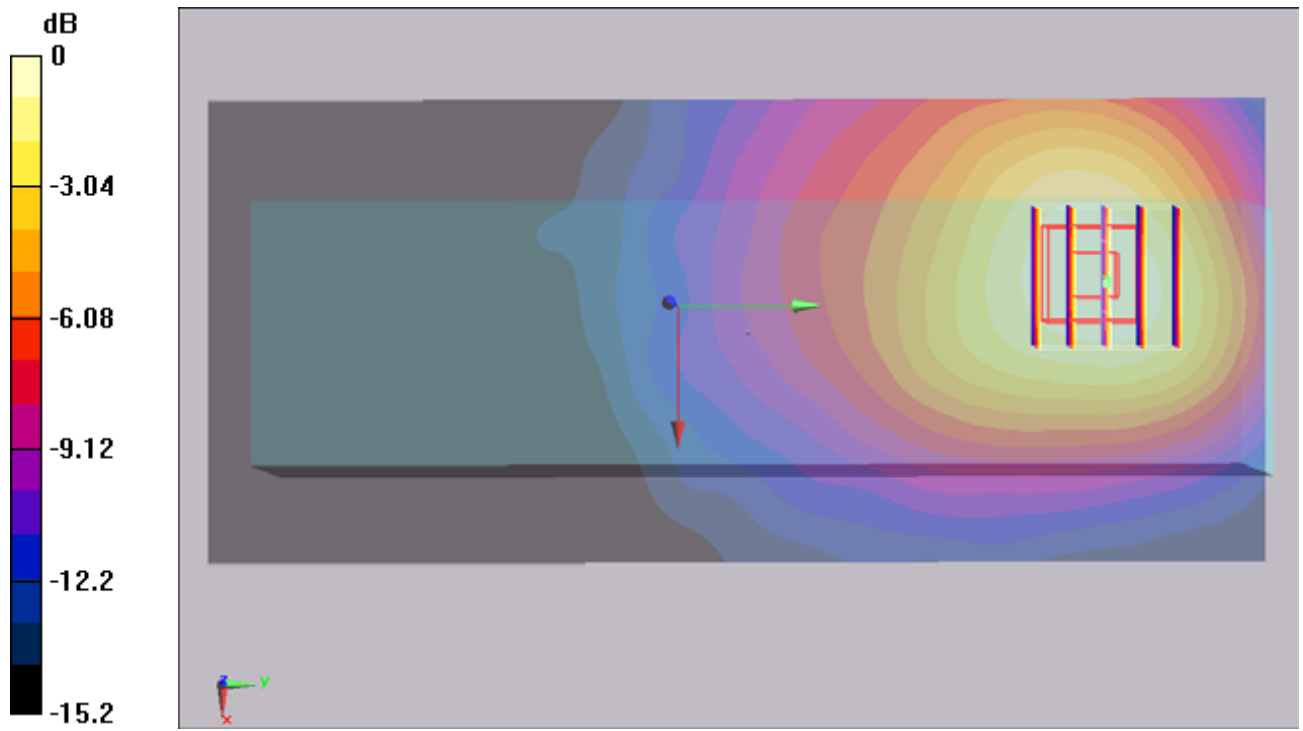
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.43 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.361 W/kg

**SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.241 mW/g



0 dB = 0.241mW/g

**#03 WCDMA II\_RMC12.2K\_Left Side\_1.5cm\_Ch9262\_2D**

**DUT: 211340**

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

Medium: MSL\_1900\_120202 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch9262/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 mW/g

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

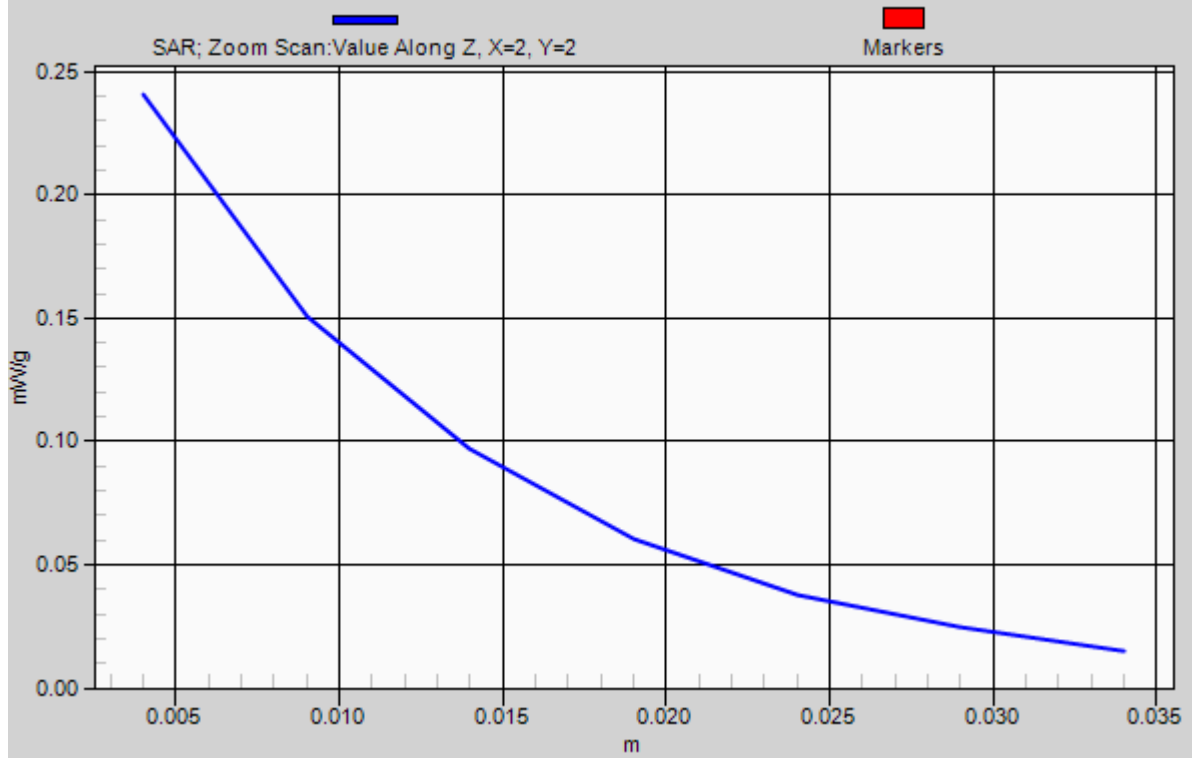
Reference Value = 4.43 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.361 W/kg

**SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.241 mW/g

# 1g/10g Averaged SAR



**#13 802.11b\_Front\_1.5cm\_Ch1**

**DUT: 211340**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120202 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (81x171x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.2 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.069 W/kg

**SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.032 mW/g

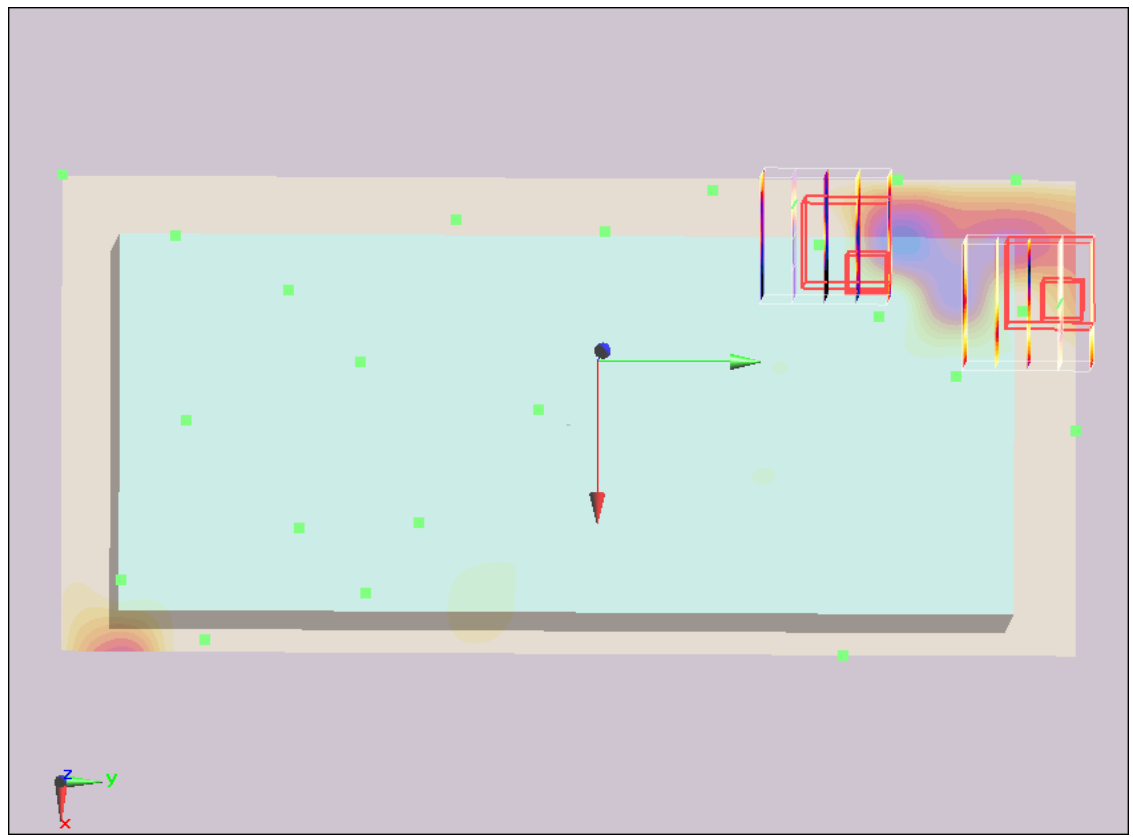
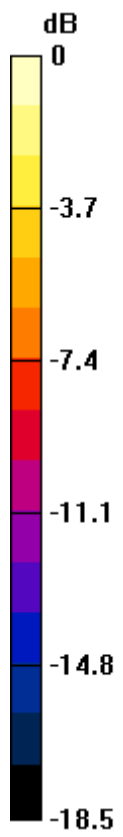
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.2 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.051 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.031 mW/g



0 dB = 0.032mW/g

**#14 802.11b\_Right Side\_1.5cm\_Ch1**

**DUT: 211340**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120202 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.82 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.050 mW/g**

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

**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

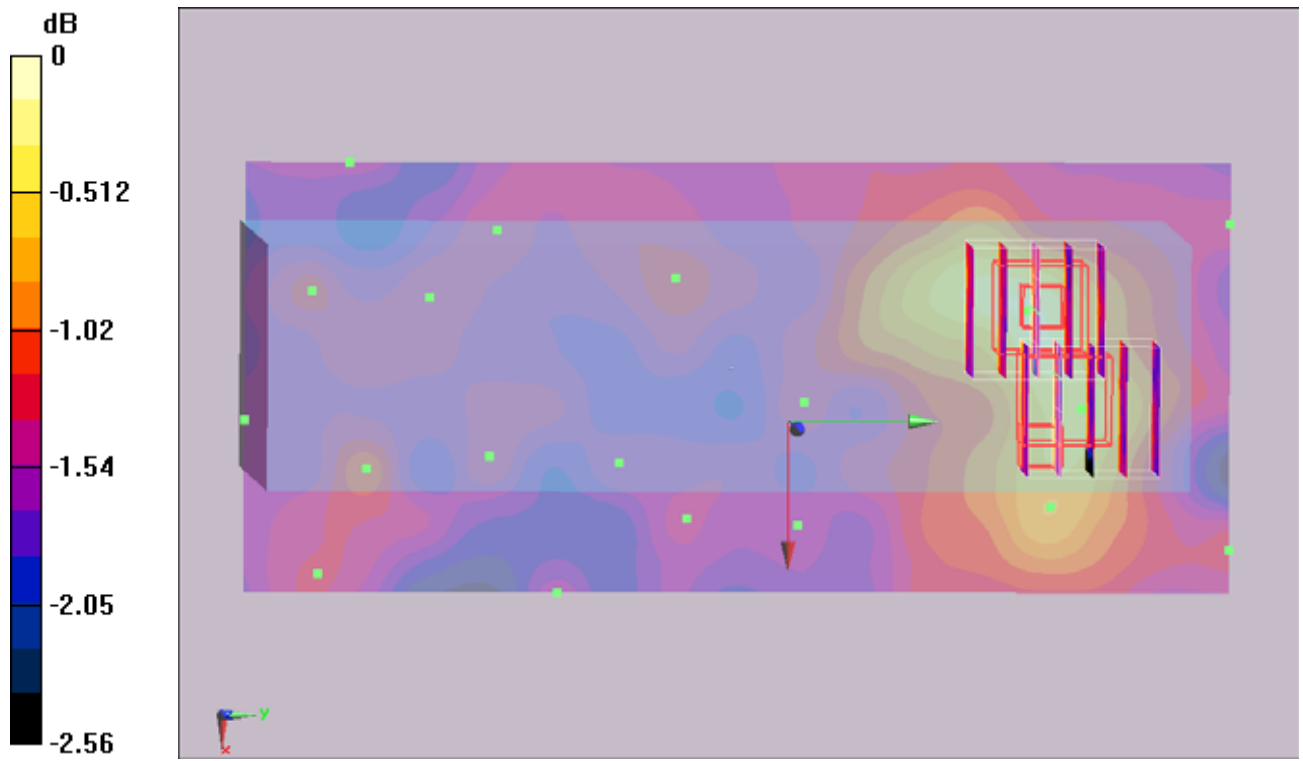
Reference Value = 4.82 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 0.076 W/kg

**SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.061 mW/g





0 dB = 0.061mW/g

#14 802.11b\_Right Side\_1.5cm\_Ch1\_2D

DUT: 211340

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120202 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.82 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.050 mW/g**

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

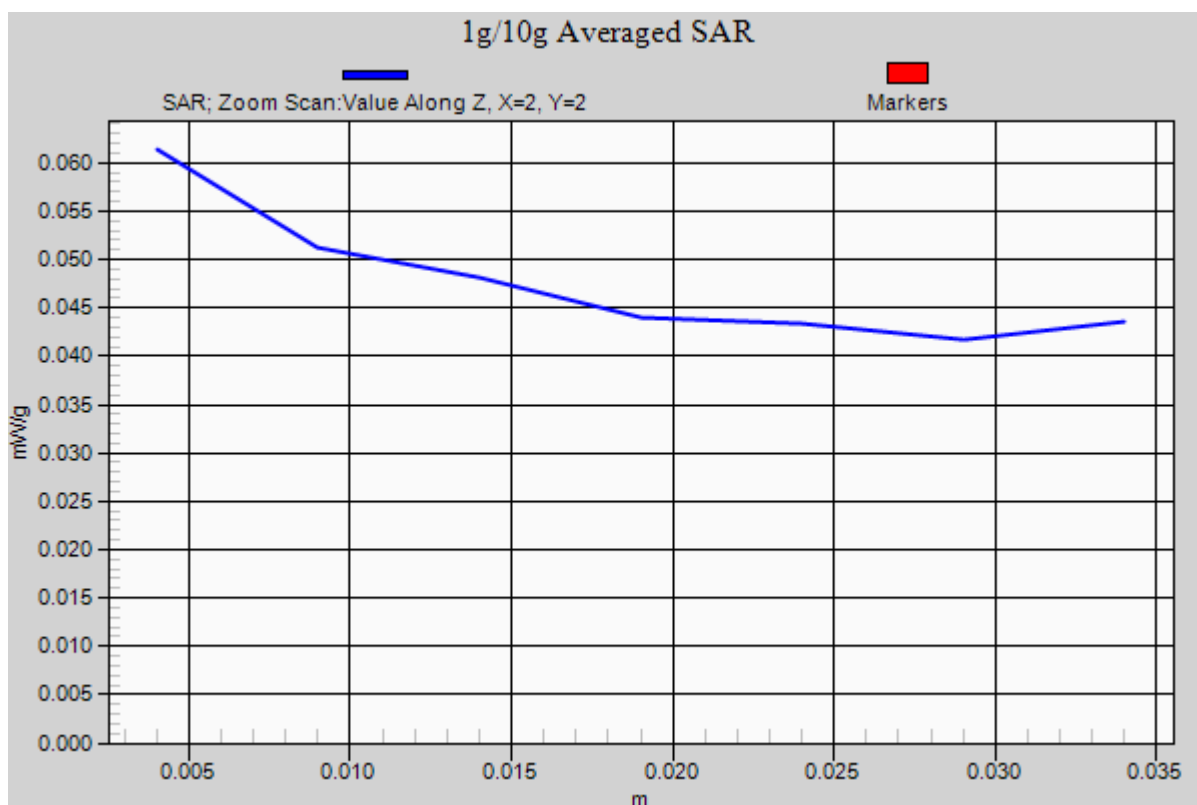
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.82 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 0.076 W/kg

**SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.061 mW/g



**#15 802.11b\_Left Side\_1.5cm\_Ch1**

**DUT: 211340**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120202 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.064 W/kg

**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.044 mW/g**

Maximum value of SAR (measured) = 0.050 mW/g

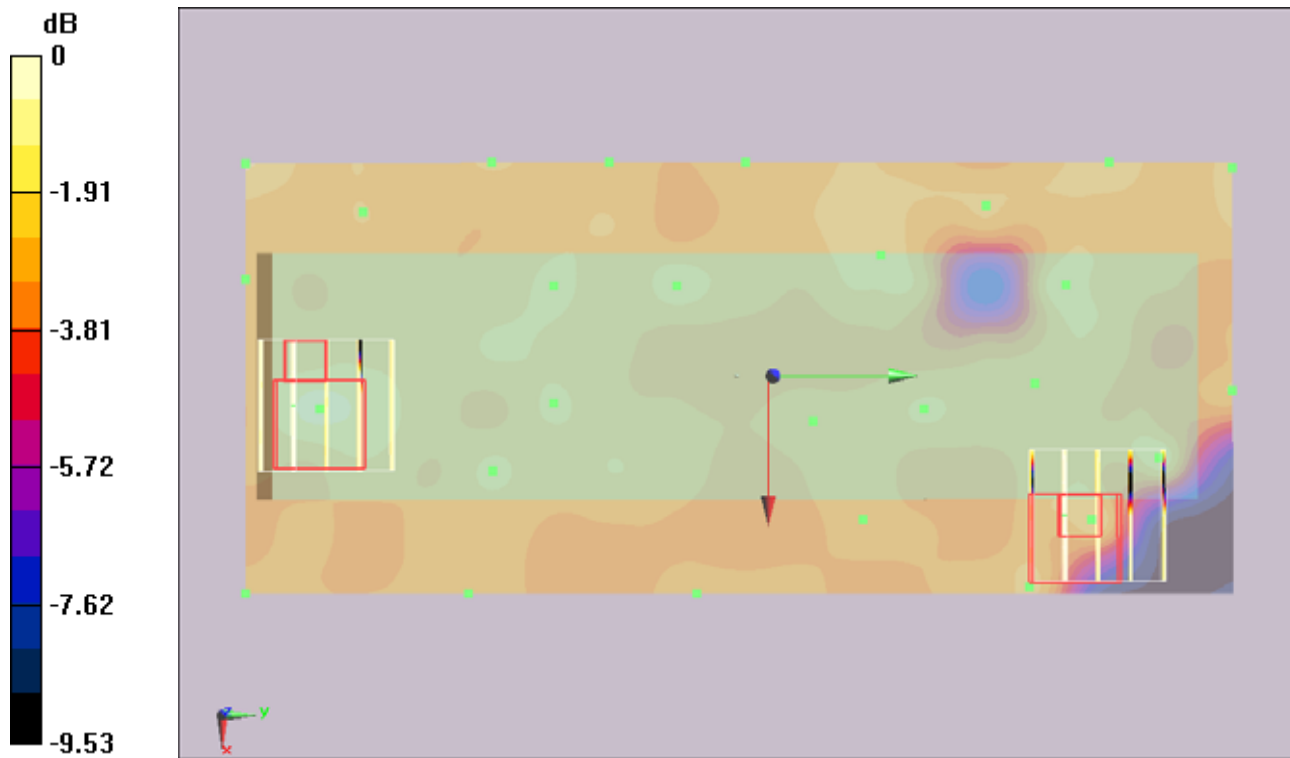
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.059 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.042 mW/g**

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



0 dB = 0.046mW/g