

#07 GSM850_GPRS 10_Rear Face_10mm_Ch128

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_101013 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 mW/g

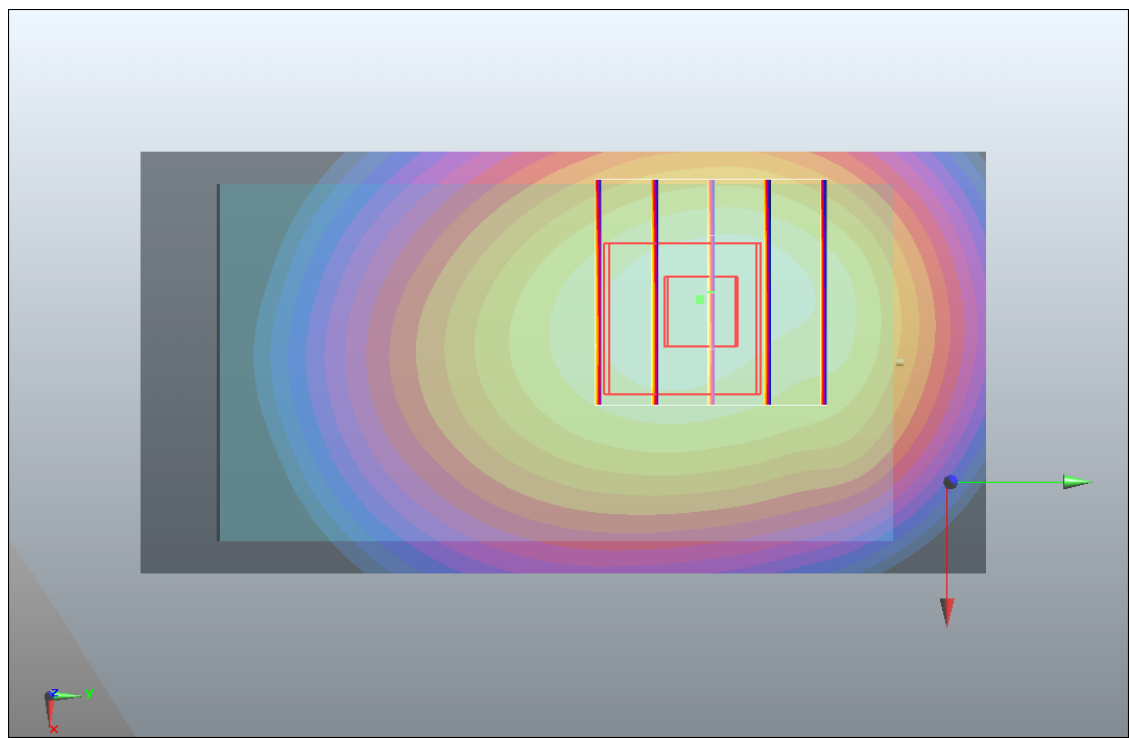
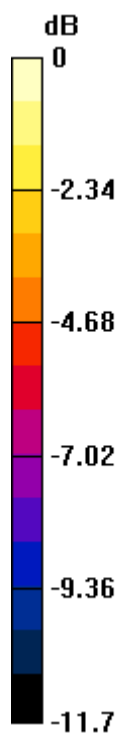
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.798 mW/g

Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25mW/g

#07 GSM850_GPRS 10_Rear Face_10mm_Ch128_2D

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_101013 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 mW/g

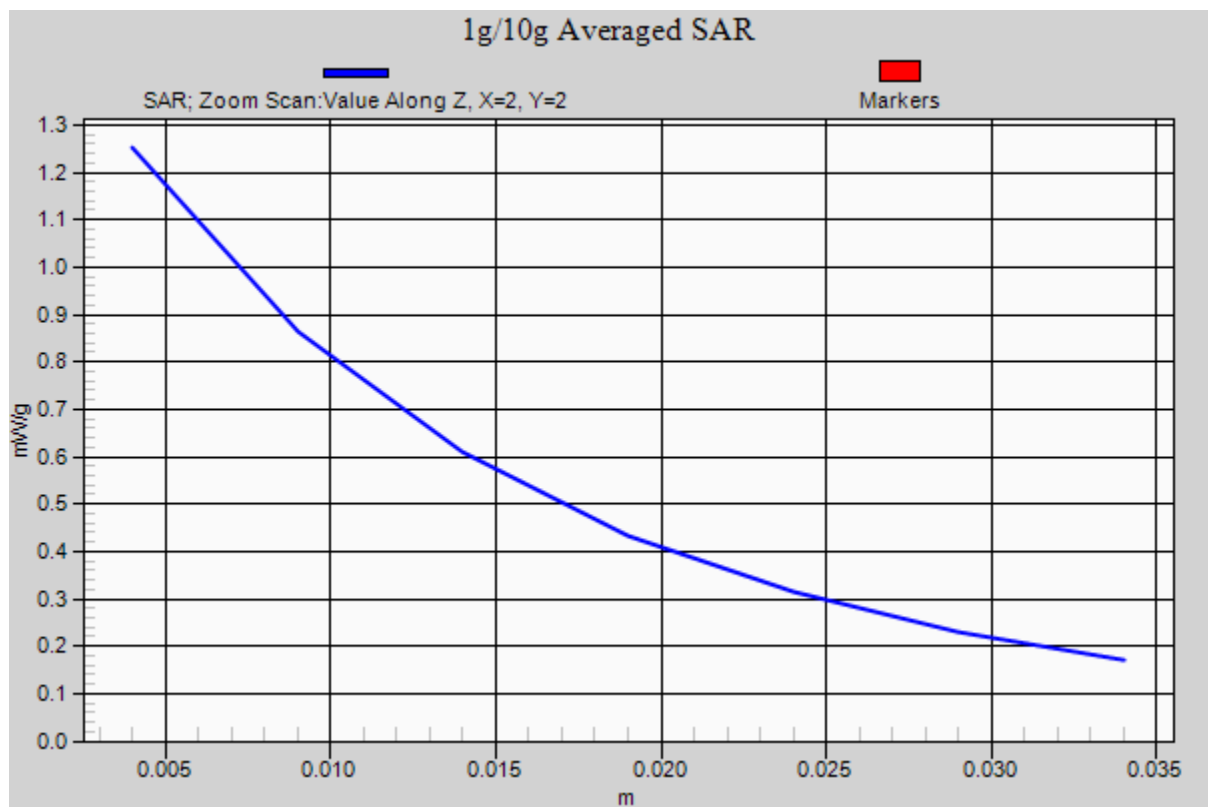
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.798 mW/g

Maximum value of SAR (measured) = 1.25 mW/g



#09 GSM850_GPRS 10_Front Face_10mm_Ch128

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_101013 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.13 mW/g

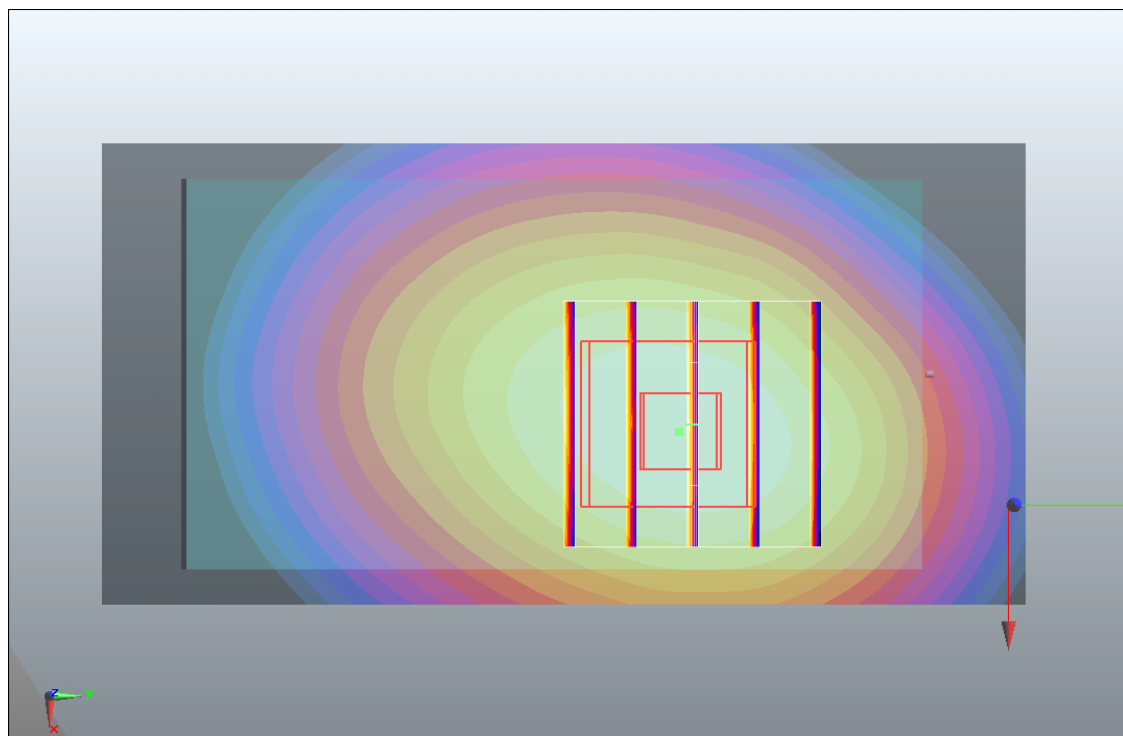
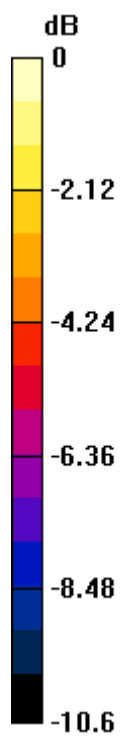
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.734 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

#03 GSM850_GPRS 10_Left Side_10mm_Ch189

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_101013 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.504 mW/g

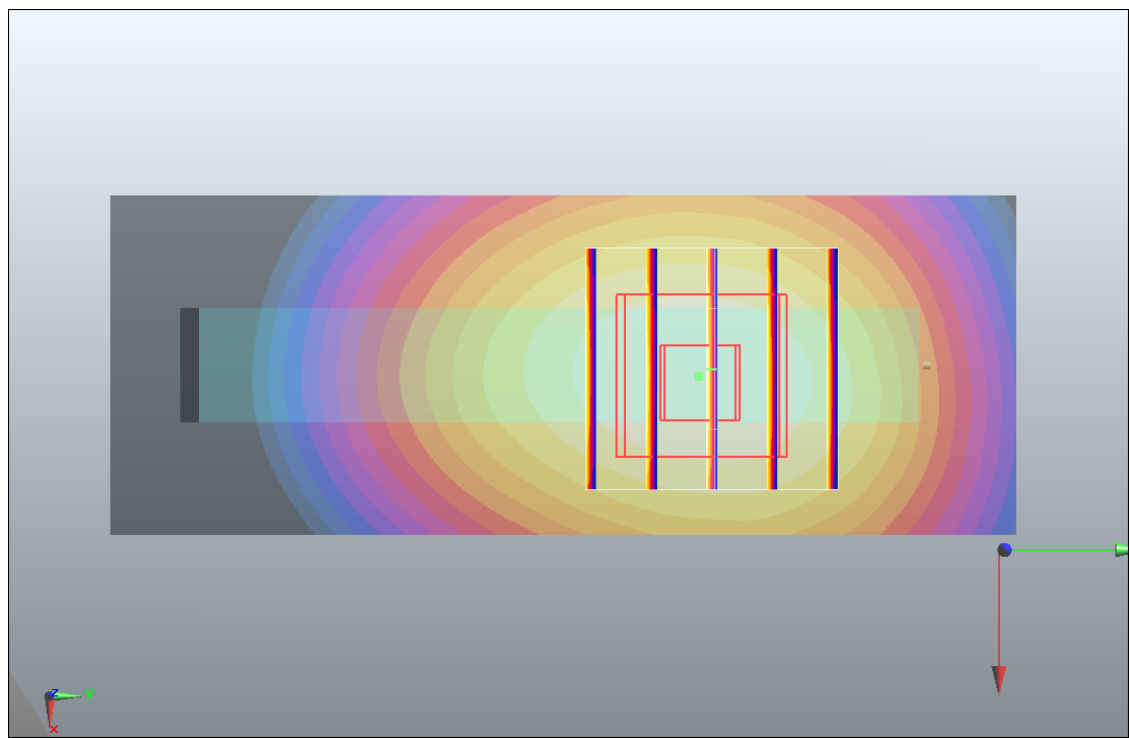
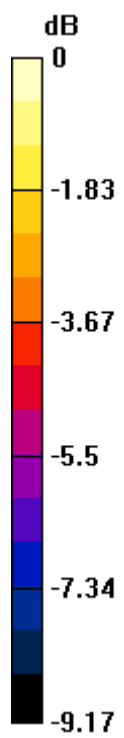
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.496mW/g

#04 GSM850_GPRS 10_Right Side_10mm_Ch189

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_101013 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.480 mW/g

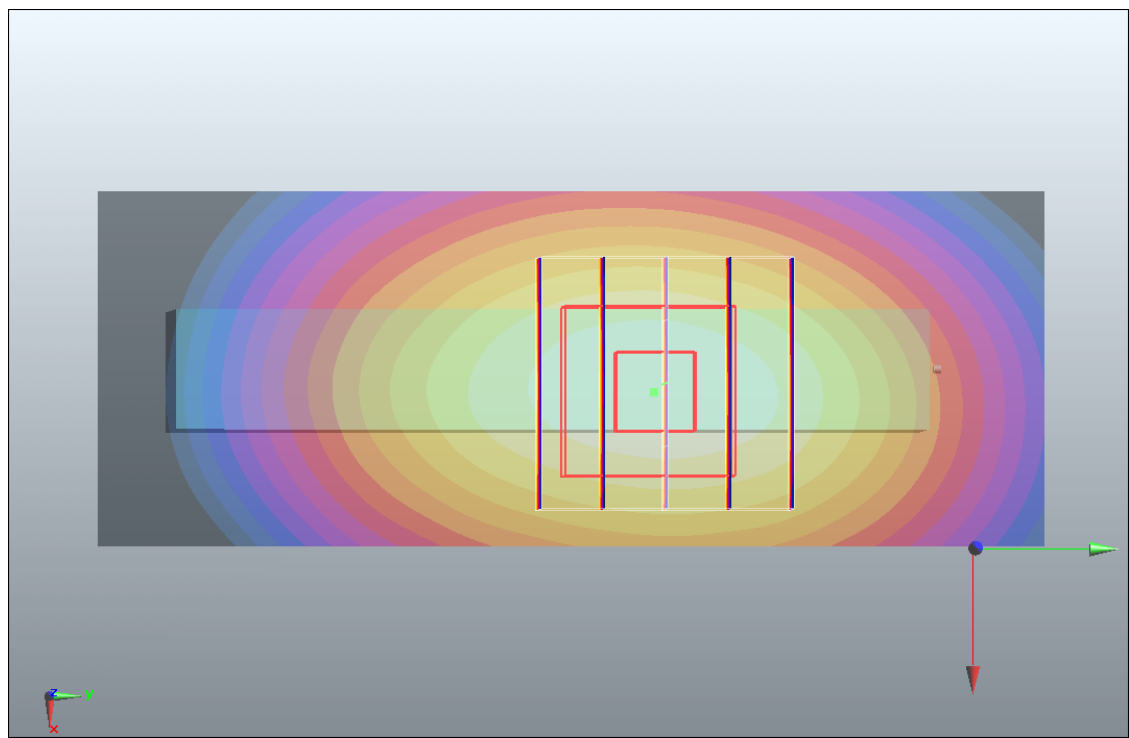
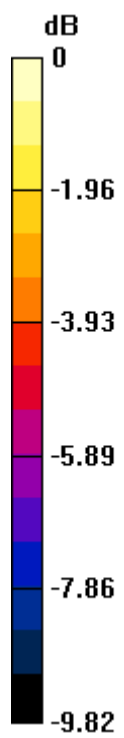
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.482mW/g

#05 GSM850_GPRS 10_Top Side_10mm_Ch189

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_101013 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (31x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.105 mW/g

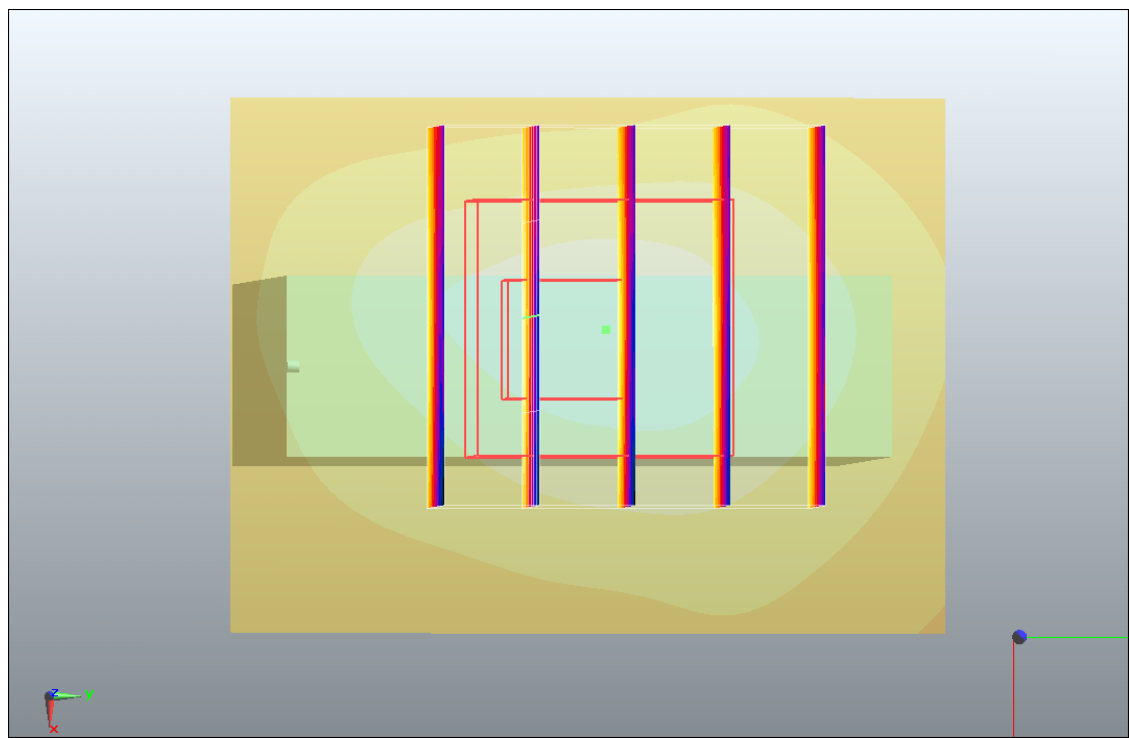
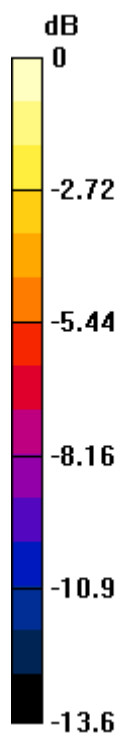
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.65 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.106mW/g

#06 GSM850_GPRS 10_Bottom Side_10mm_Ch189

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_101013 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.056 mW/g

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

Reference Value = 6.82 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.057 mW/g

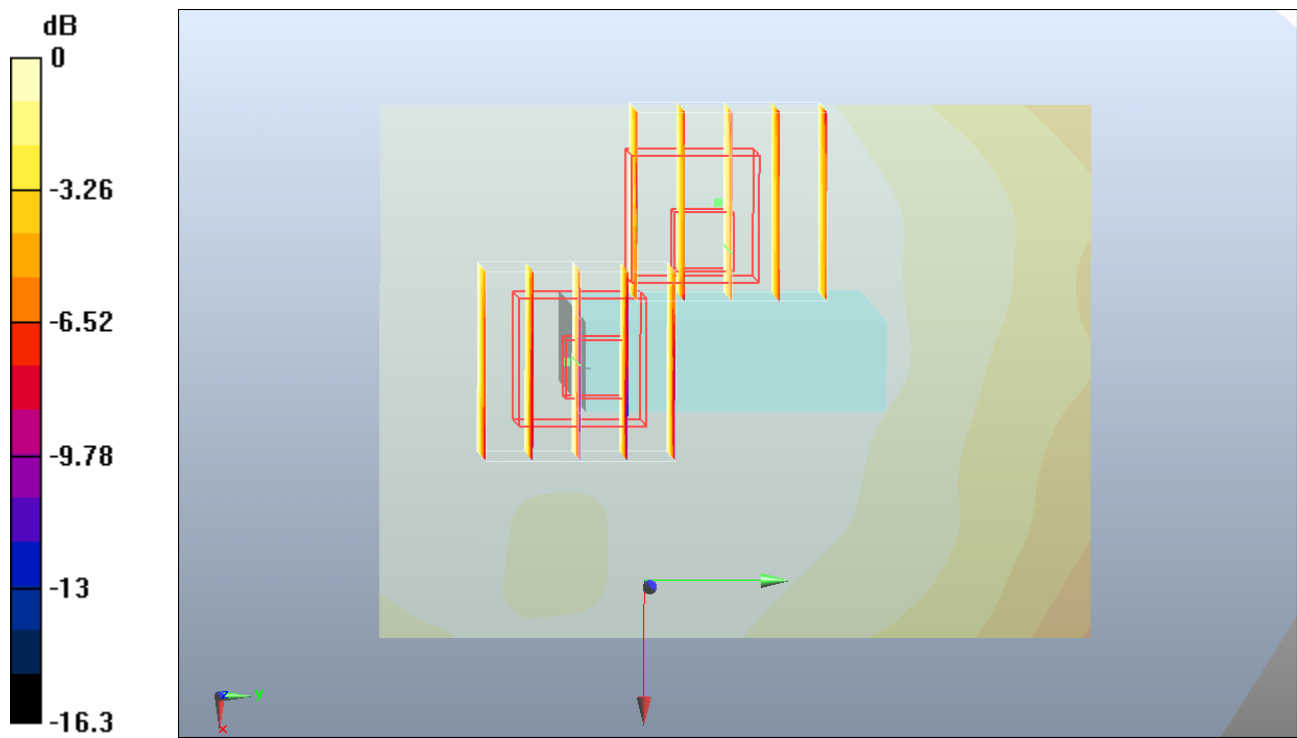
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.82 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.035 mW/g



0 dB = 0.035mW/g

#17 GSM1900_GPRS 10_Rear Face_10mm_Ch661

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_101013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.307 mW/g

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

Reference Value = 11.3 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.344 mW/g

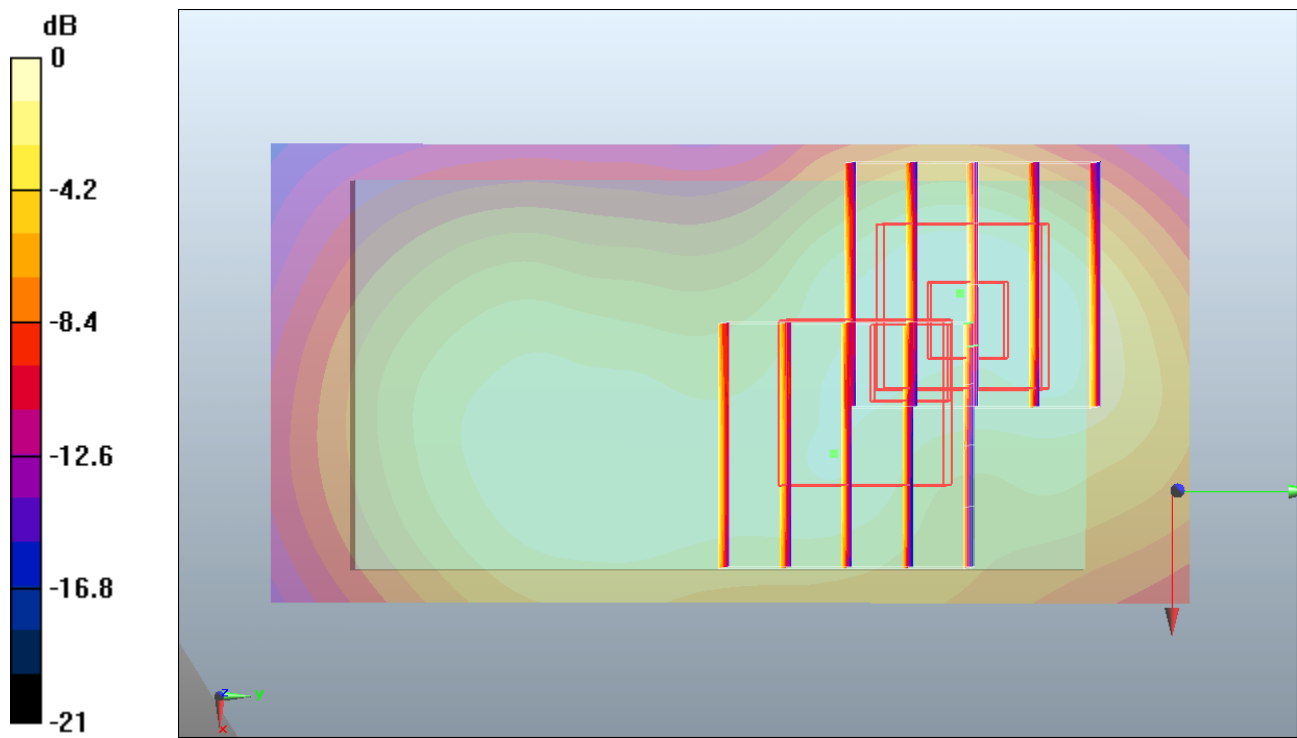
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.268 mW/g



0 dB = 0.268mW/g

#18 GSM1900_GPRS 10_Front Face_10mm_Ch661

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_101013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.308 mW/g

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

Reference Value = 13.8 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.328 mW/g

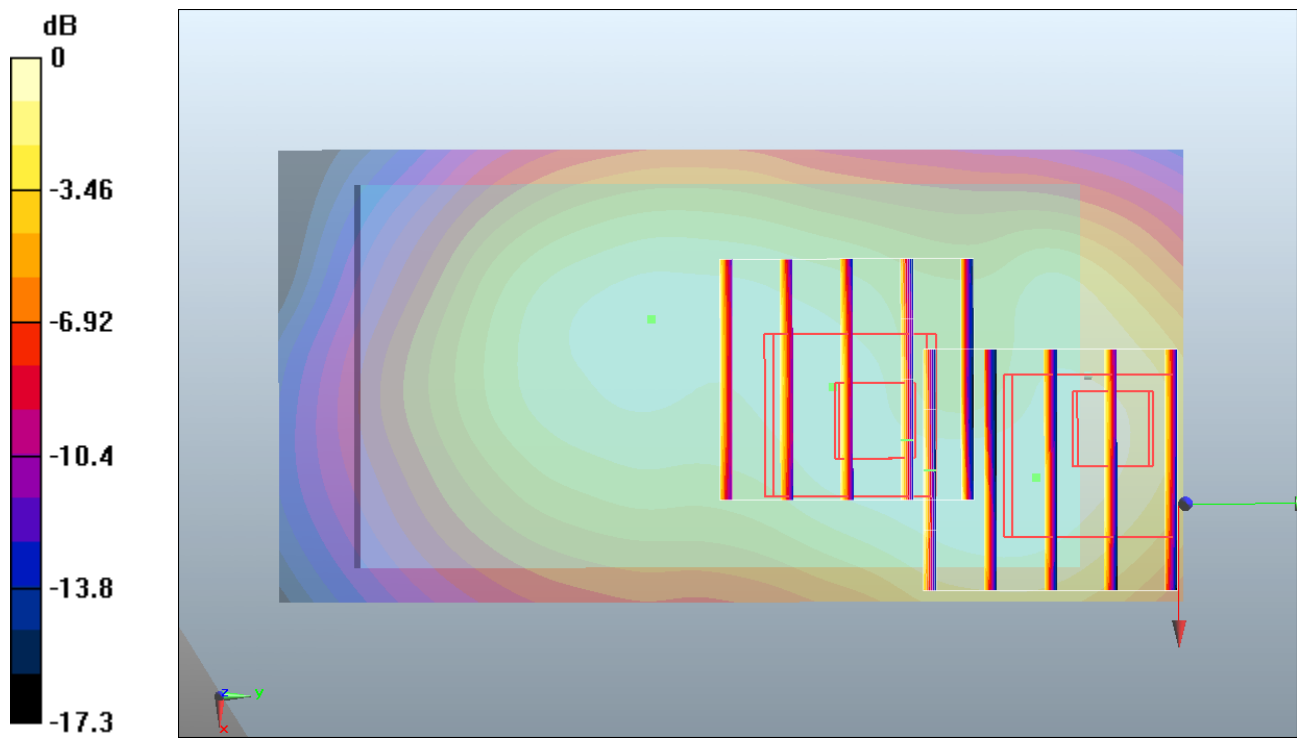
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.316 mW/g



0 dB = 0.316mW/g

#18 GSM1900_GPRS 10_Front Face_10mm_Ch661_2D

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_101013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.308 mW/g

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

Reference Value = 13.8 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.328 mW/g

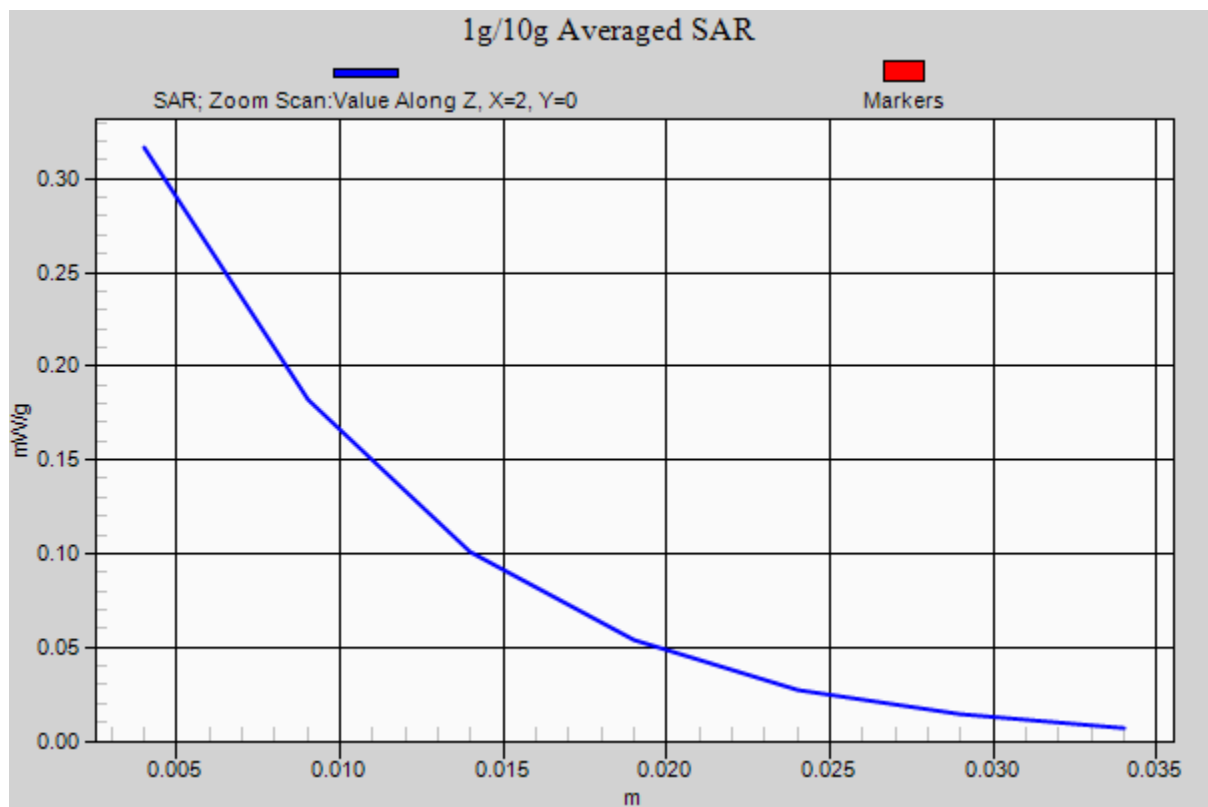
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.316 mW/g



#19 GSM1900_GPRS 10_Left Side_10mm_Ch661

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_101013 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.156 mW/g

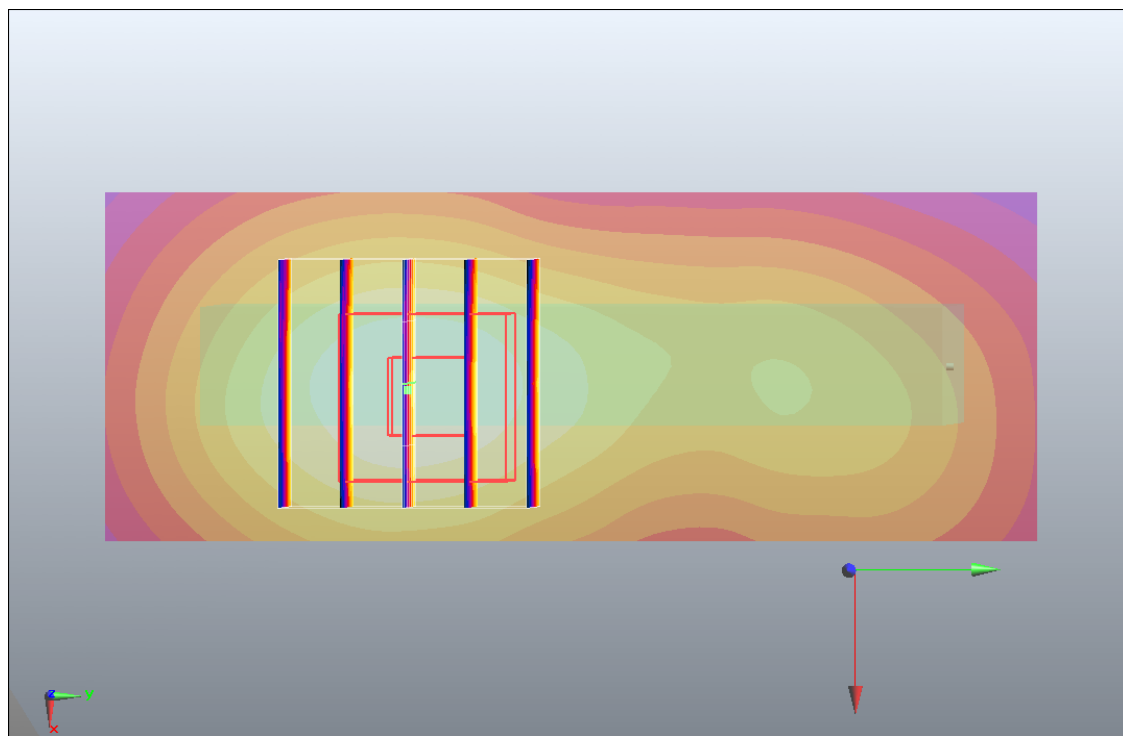
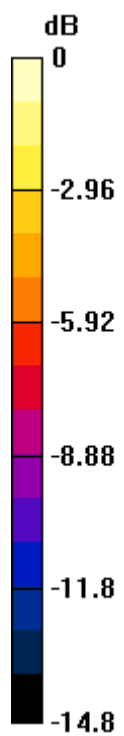
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.1 V/m ; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.141 mW/g ; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.154mW/g

#20 GSM1900_GPRS 10_Right Side_10mm_Ch661

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_101013 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.086 mW/g

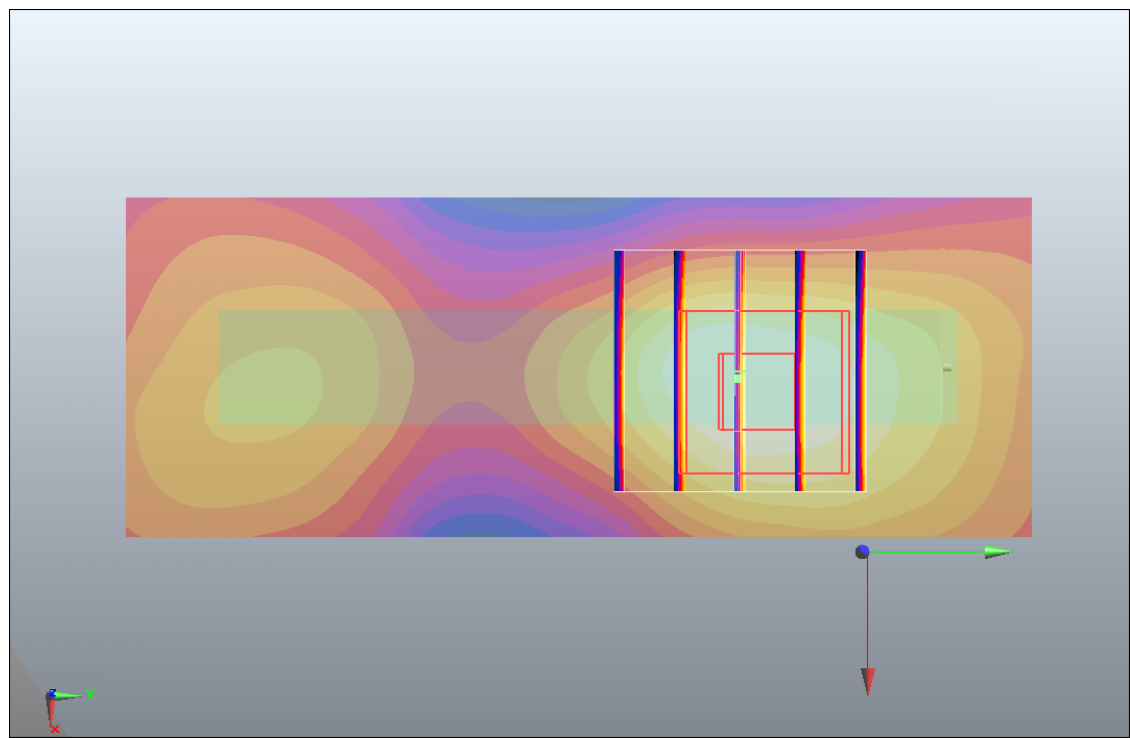
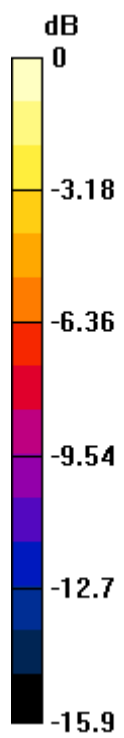
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.94 V/m ; Power Drift = 0.000258 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.072 mW/g ; SAR(10 g) = 0.041 mW/g

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



0 dB = 0.077mW/g

#21 GSM1900_GPRS 10_Top Side_10mm_Ch661

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_101013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (31x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.327 mW/g

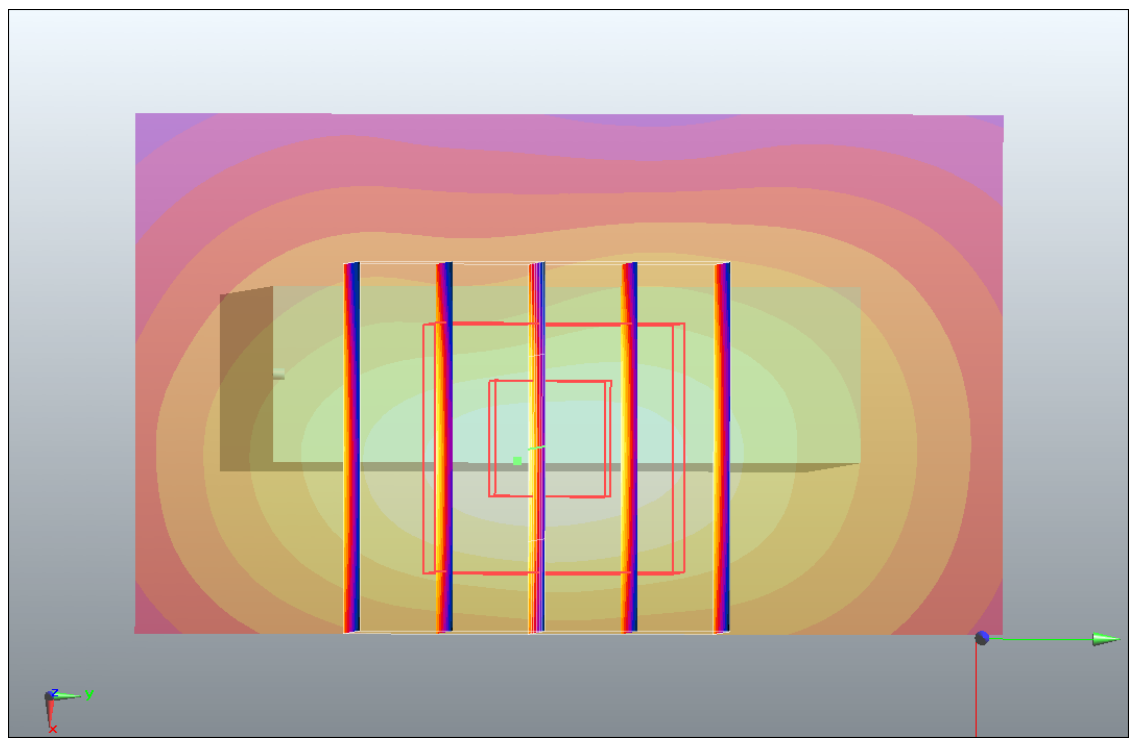
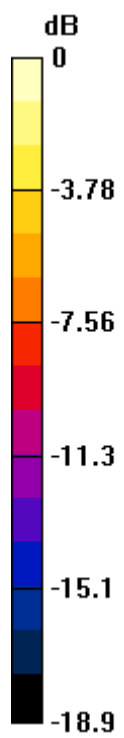
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.29 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.338 mW/g



0 dB = 0.338mW/g

#22 GSM1900_GPRS 10_Bottom Side_10mm_Ch661

DUT: 092701

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_101013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (31x51x1): Measurement grid: dx=15mm, dy=15mm

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

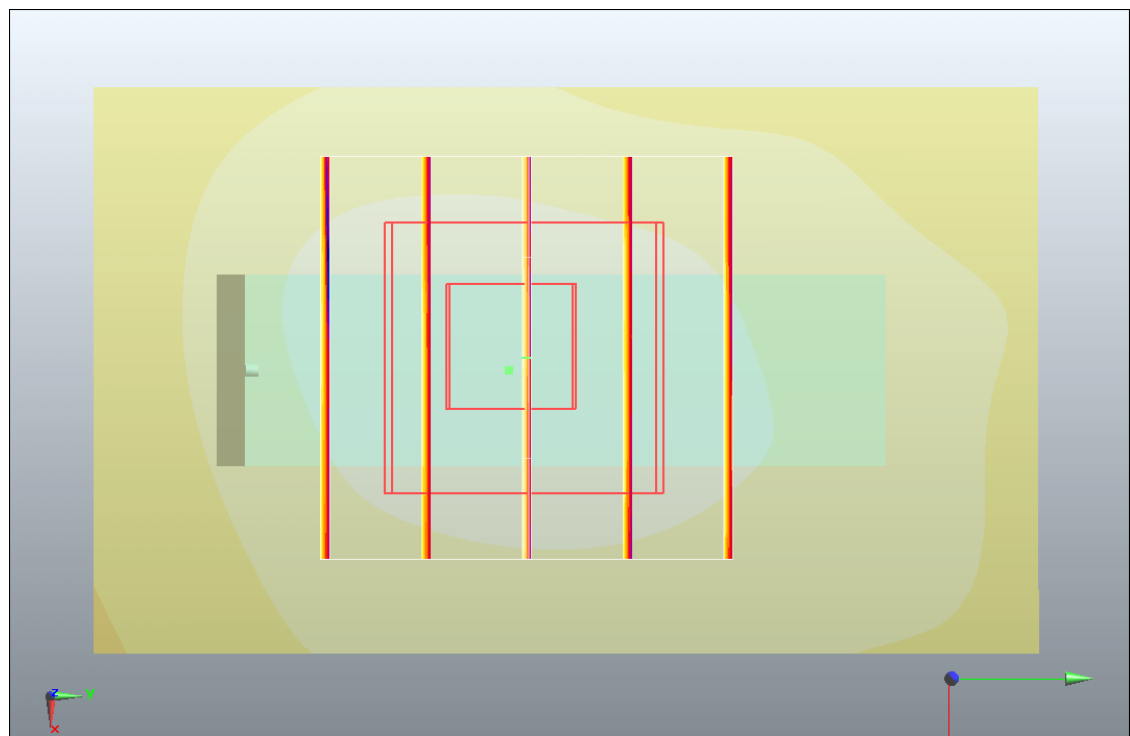
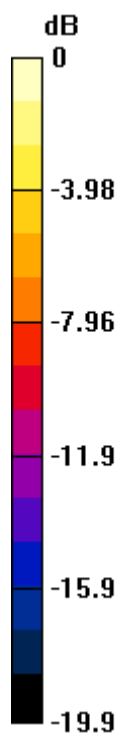
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.41 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.017 mW/g

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



0 dB = 0.029mW/g

#11 WCDMA V_RMC 12.2K_Rear Face_10mm_Ch4132

DUT: 092701

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_101013 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4132/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.896 mW/g

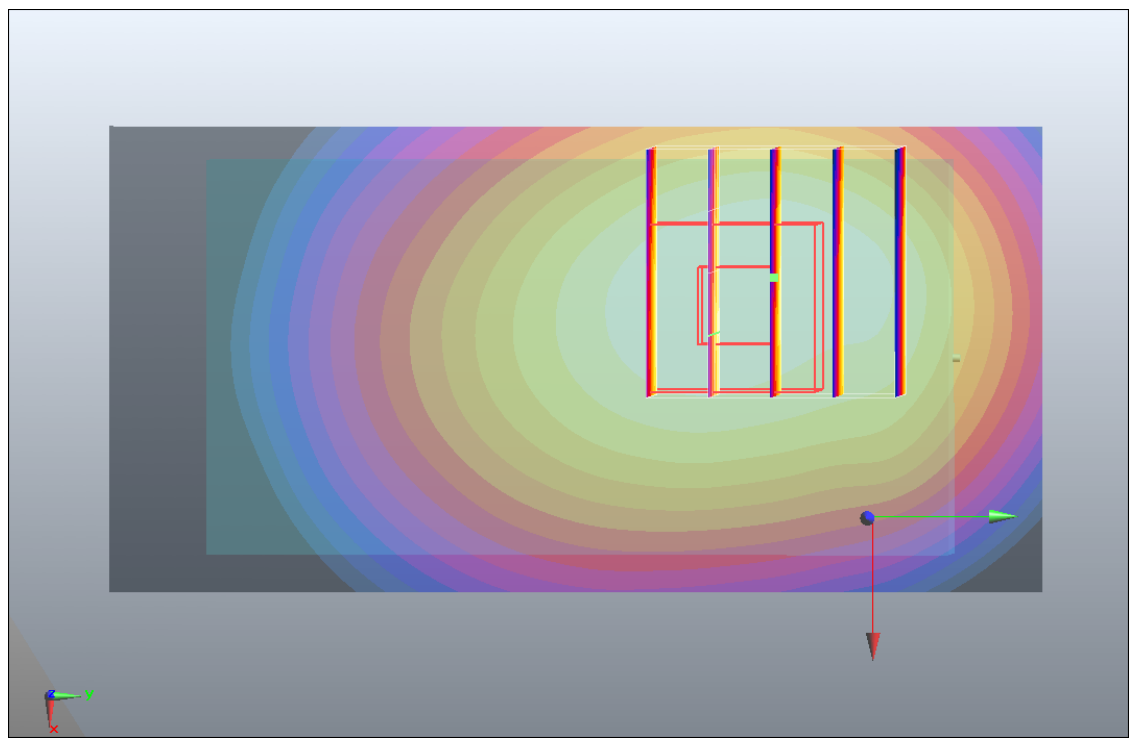
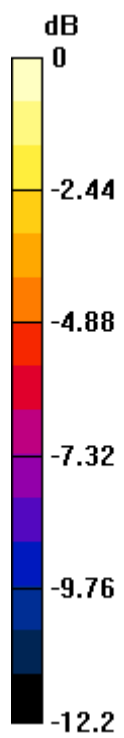
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.831 mW/g



0 dB = 0.831mW/g

#11 WCDMA V_RMC 12.2K_Rear Face_10mm_Ch4132_2D

DUT: 092701

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_101013 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4132/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.896 mW/g

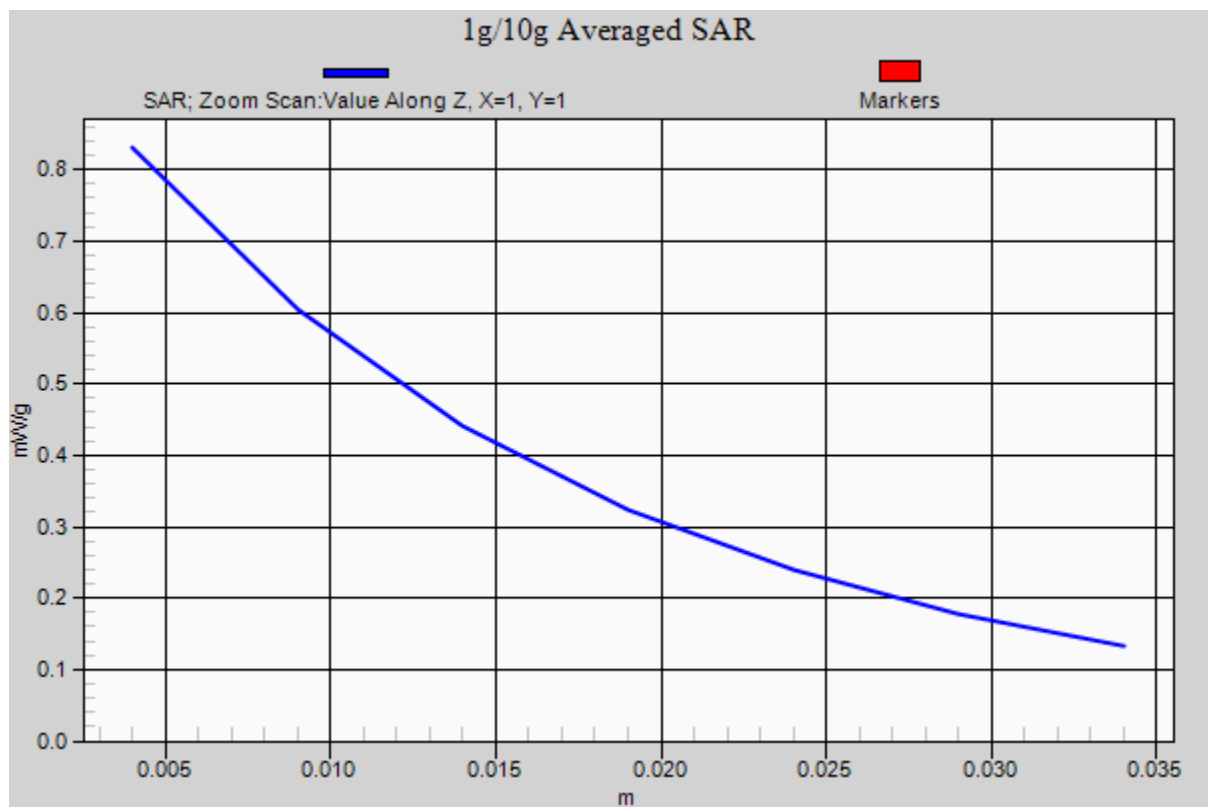
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.831 mW/g



#12 WCDMA V_RMC 12.2K_Front Face_10mm_Ch4132

DUT: 092701

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_101013 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4132/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.761 mW/g

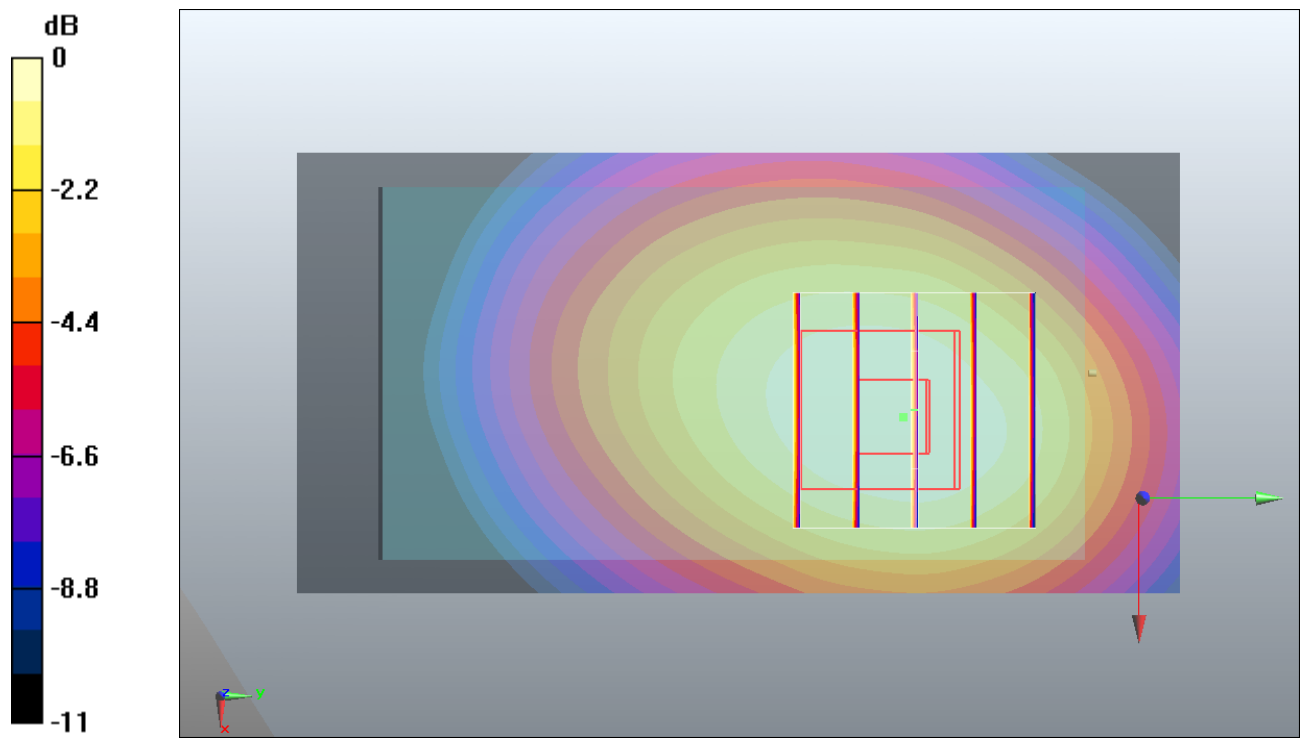
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 0.731 mW/g



0 dB = 0.731mW/g

#13 WCDMA V_RMC 12.2K_Left Side_10mm_Ch4132

DUT: 092701

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_101013 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.986 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4132/Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.360 mW/g

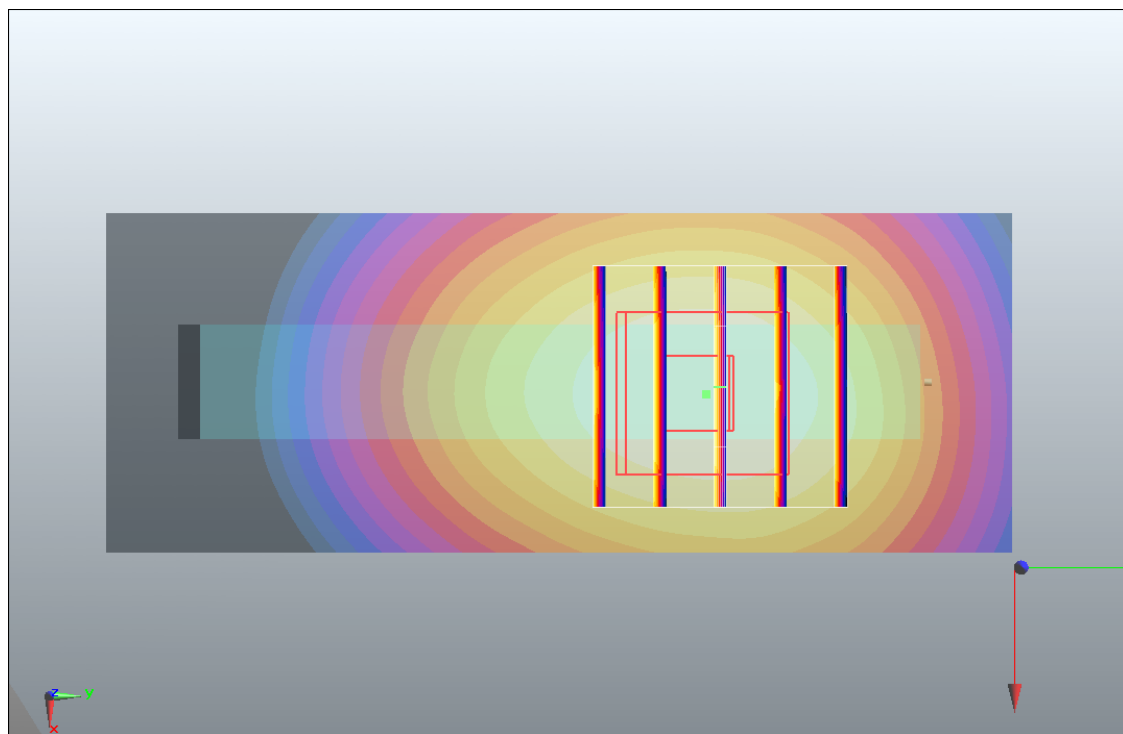
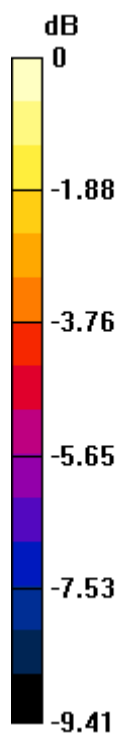
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13 V/m ; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.331 mW/g ; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.350mW/g

#14 WCDMA V_RMC 12.2K_Right Side_10mm_Ch4132

DUT: 092701

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_101013 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4132/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.370 mW/g

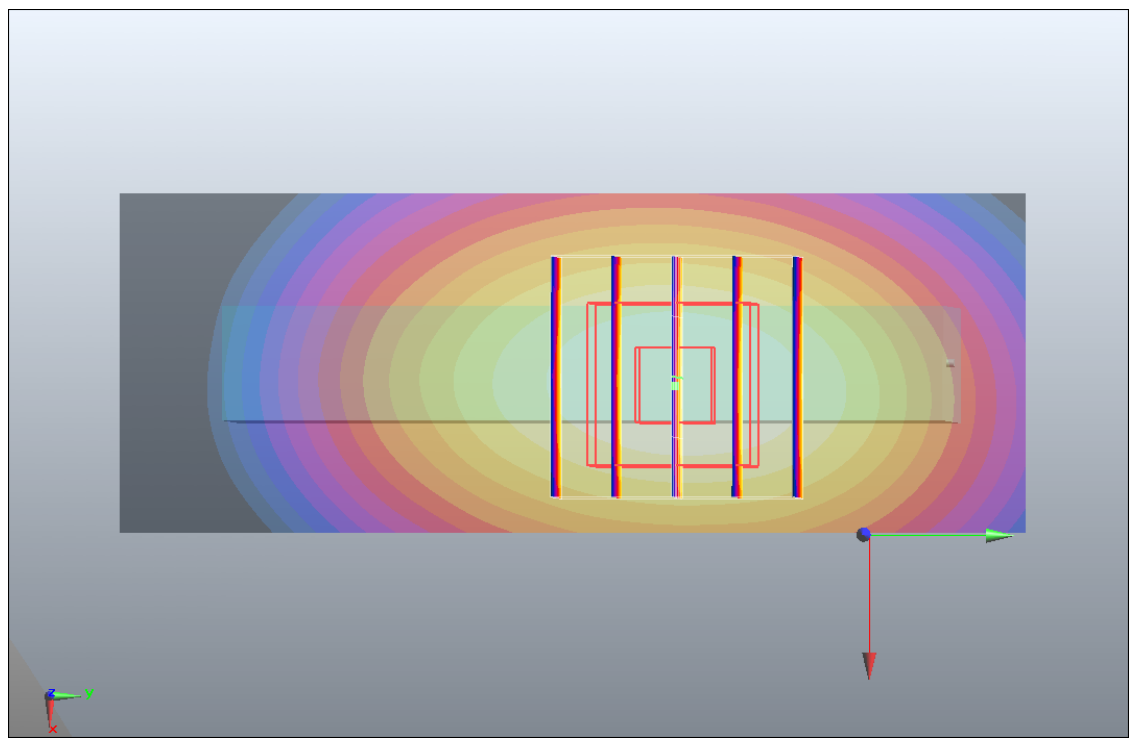
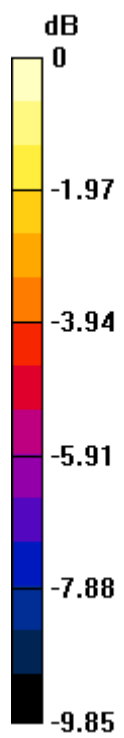
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.361 mW/g



0 dB = 0.361mW/g

#15 WCDMA V_RMC 12.2K_Top Side_10mm_Ch4132

DUT: 092701

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_101013 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4132/Area Scan (31x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.092 mW/g

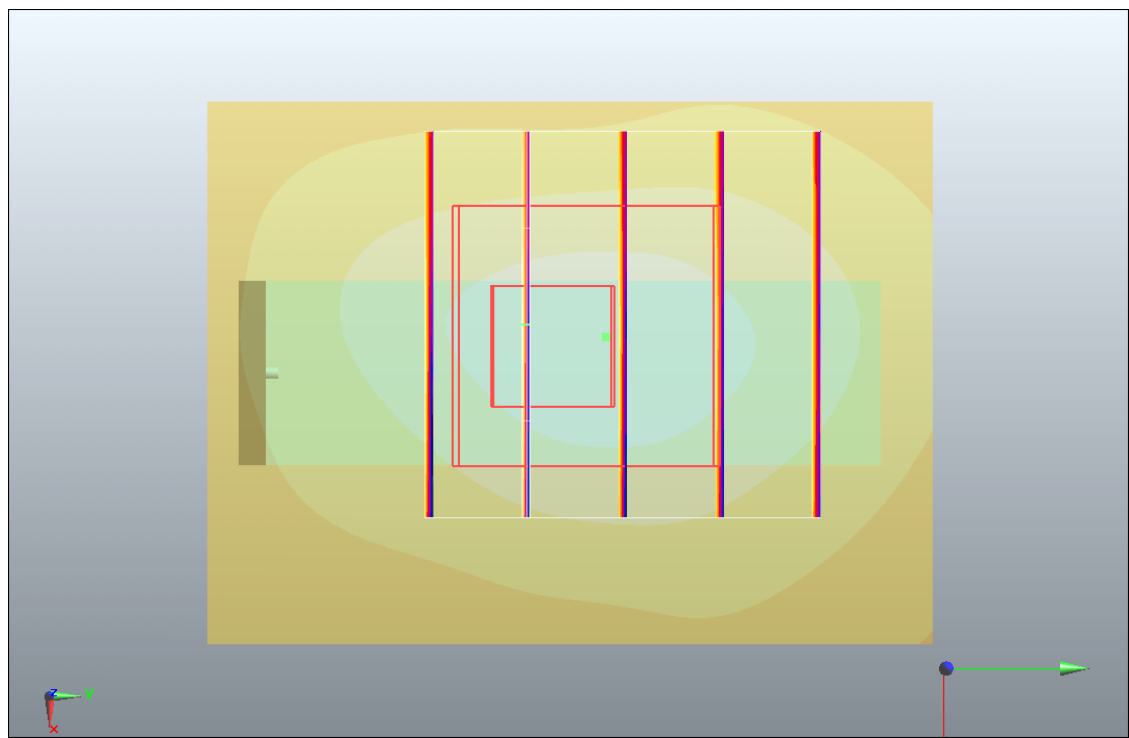
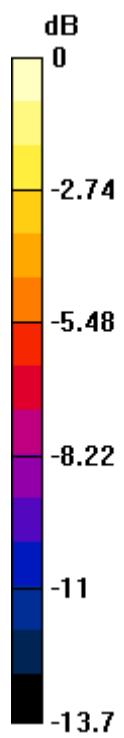
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.25 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.095mW/g

#16 WCDMA V_RMC 12.2K_Bottom Side_10mm_Ch4132

DUT: 092701

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_101013 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4132/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.31 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.081 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.048 mW/g

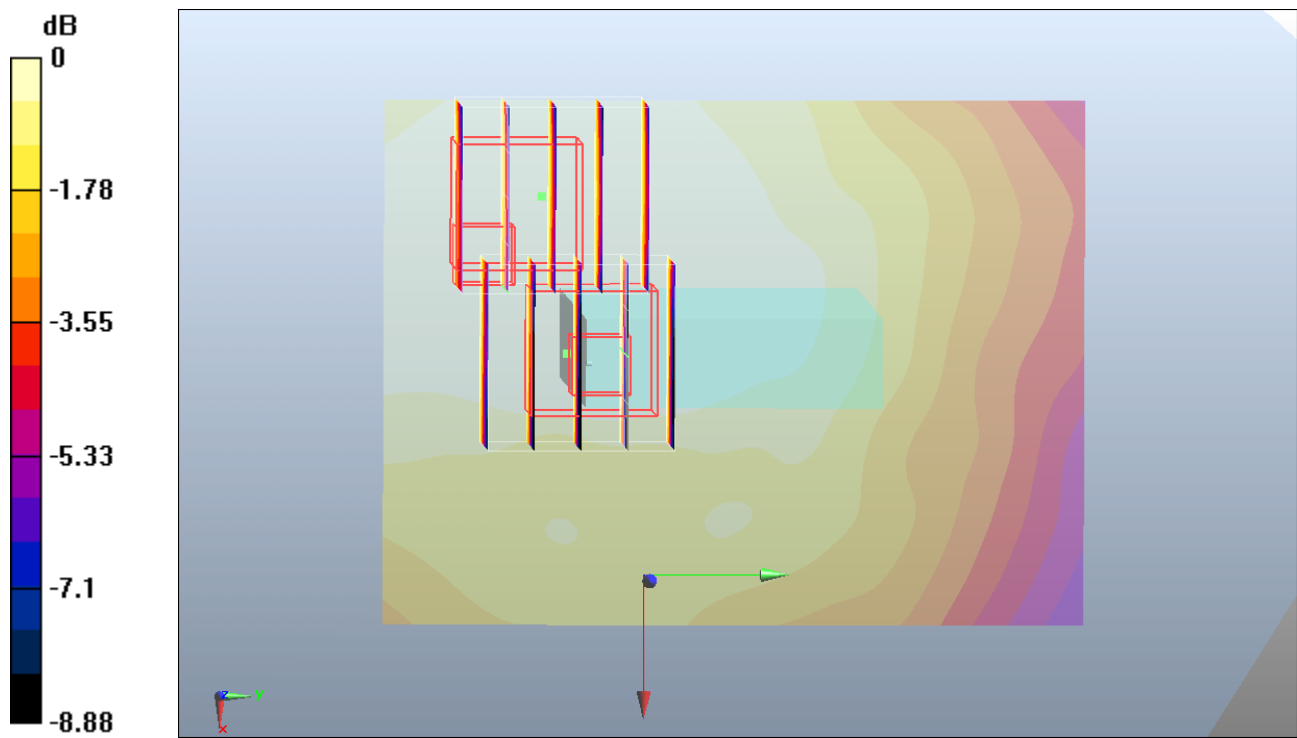
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.31 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.035 mW/g



0 dB = 0.035mW/g

#23 WCDMA II_RMC 12.2K_Rear Face_10mm_Ch9538

DUT: 092701

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_101013 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.400 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.6 V/m ; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.588 W/kg

SAR(1 g) = 0.337 mW/g ; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.374 mW/g

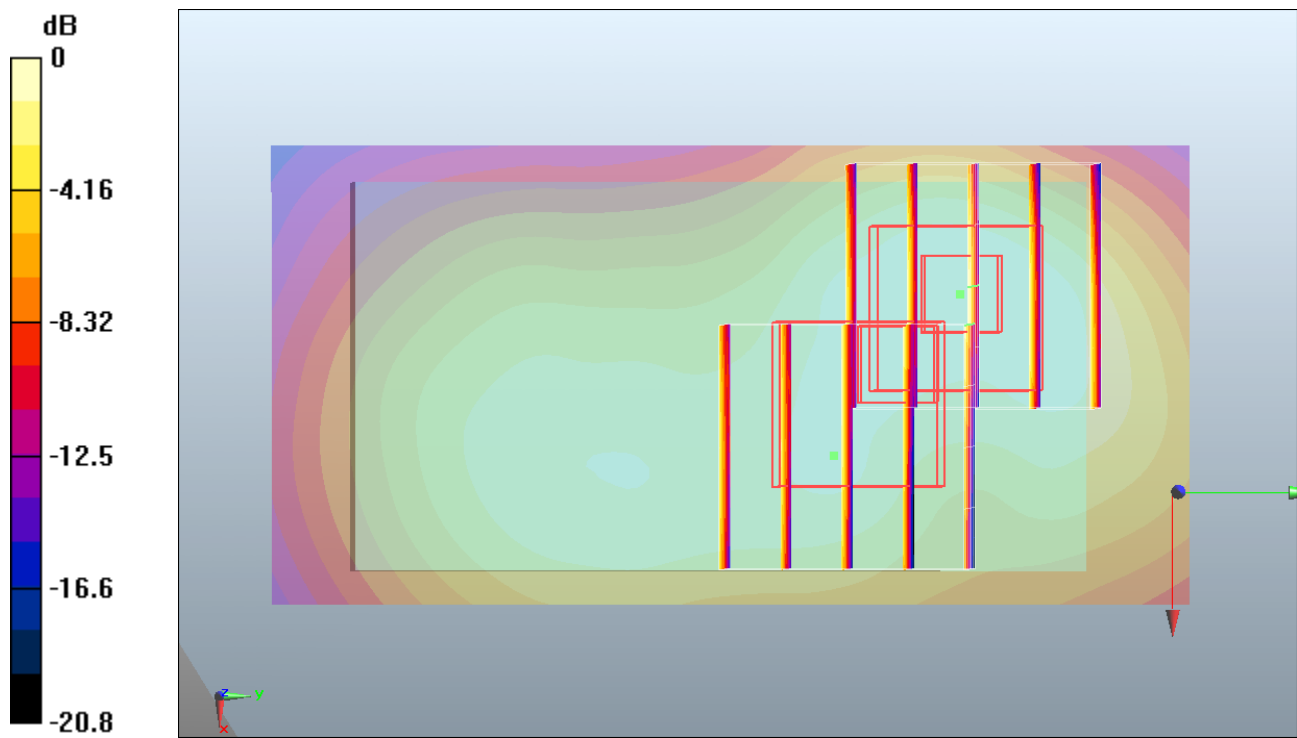
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.6 V/m ; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 g) = 0.261 mW/g ; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.335 mW/g



#24 WCDMA II_RMC 12.2K_Front Face_10mm_Ch9538

DUT: 092701

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_101013 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.442 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.7 V/m ; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.429 mW/g ; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.473 mW/g

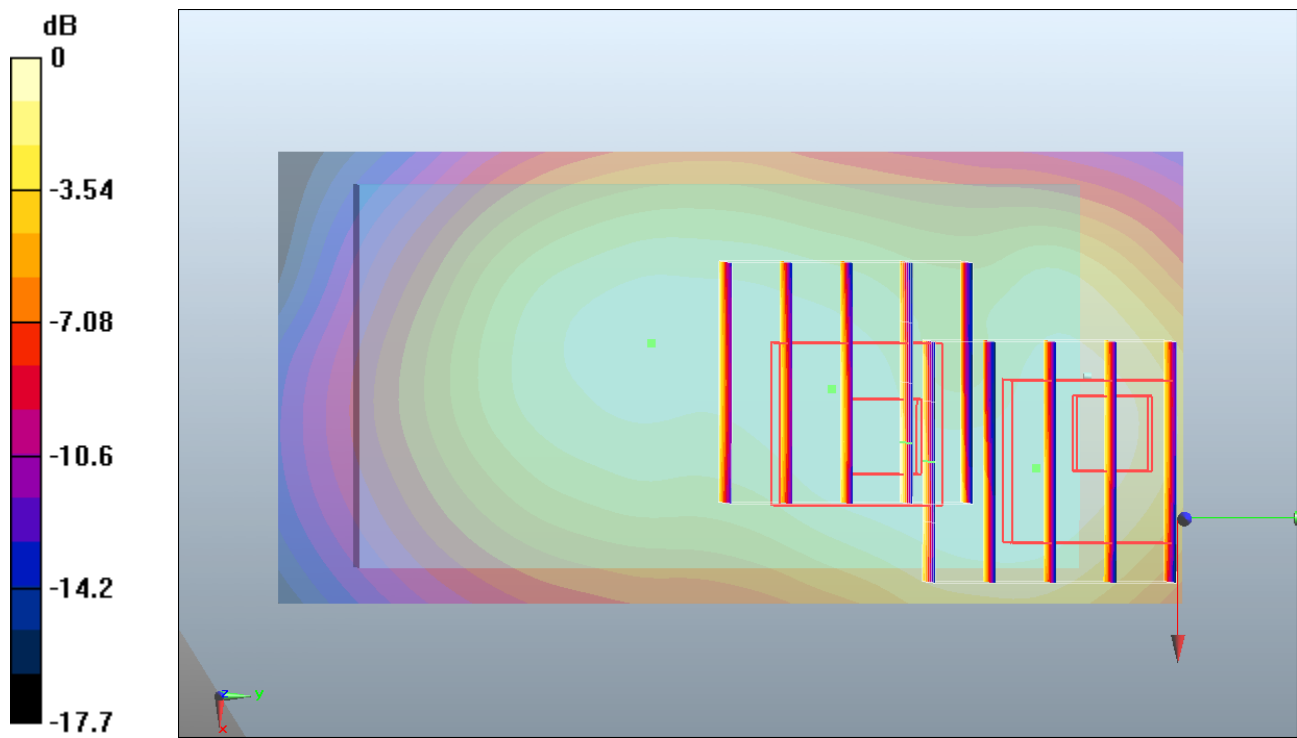
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.7 V/m ; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.365 mW/g ; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.435 mW/g



0 dB = 0.435mW/g

#24 WCDMA II_RMC 12.2K_Front Face_10mm_Ch9538_2D

DUT: 092701

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_101013 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.442 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.7 V/m ; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.429 mW/g ; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.473 mW/g

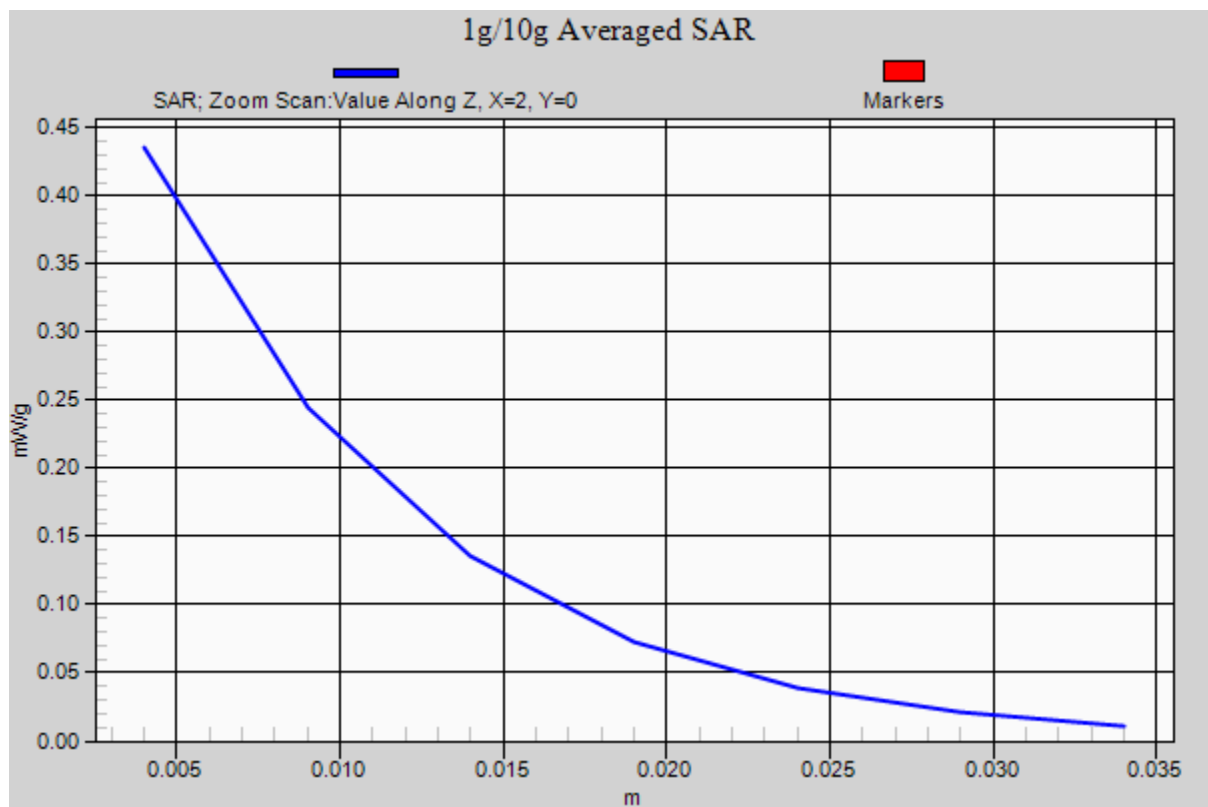
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.7 V/m ; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.365 mW/g ; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.435 mW/g



#25 WCDMA II_RMC 12.2K_Left Side_10mm_Ch9538

DUT: 092701

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_101013 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.202 mW/g

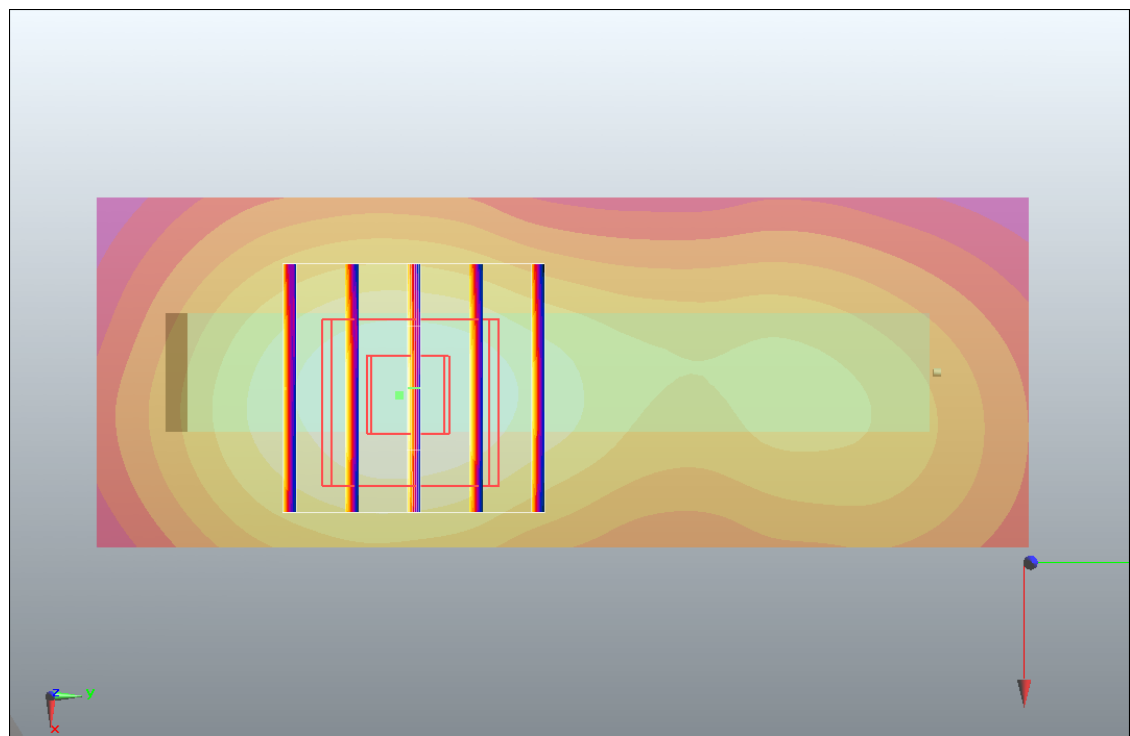
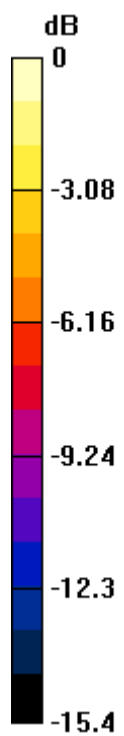
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.97 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

#26 WCDMA II_RMC 12.2K_Right Side_10mm_Ch9538

DUT: 092701

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_101013 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.152 mW/g

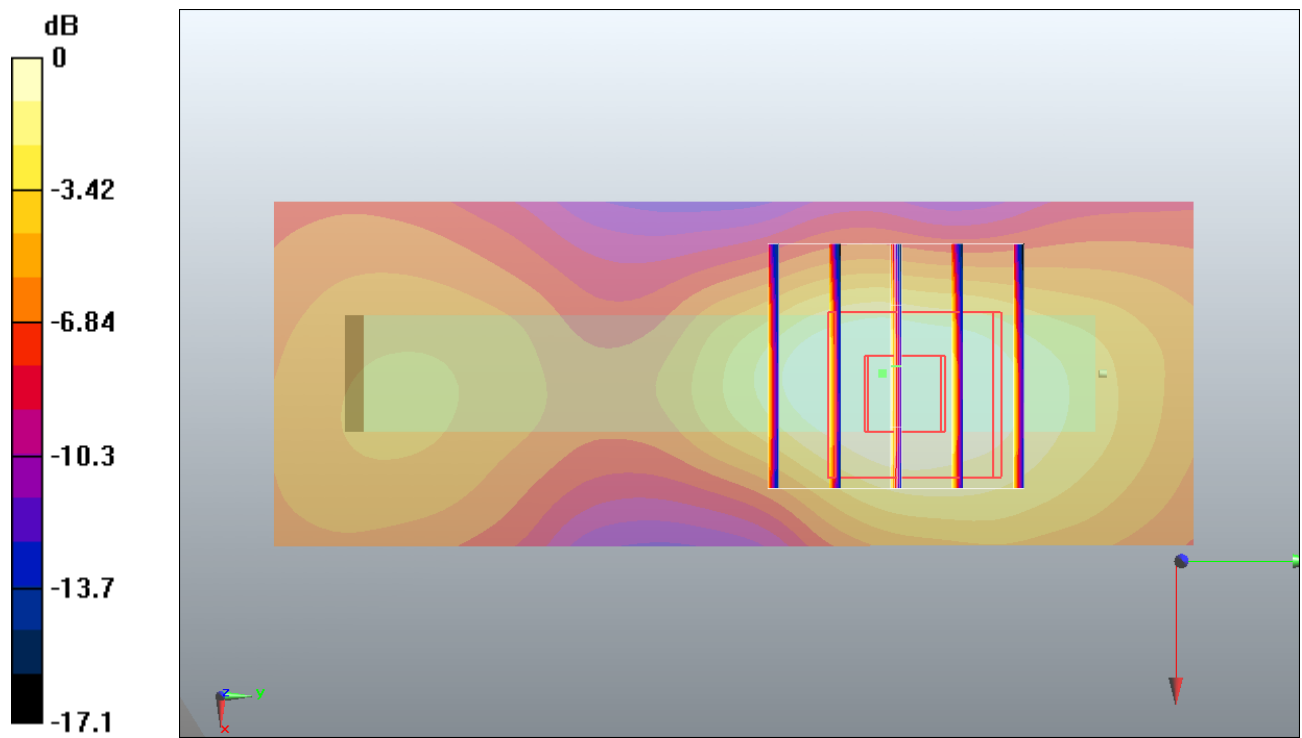
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.96 V/m ; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.112 mW/g ; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



#27 WCDMA II_RMC 12.2K_Top Side_10mm_Ch9538

DUT: 092701

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_101013 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (31x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.417 mW/g

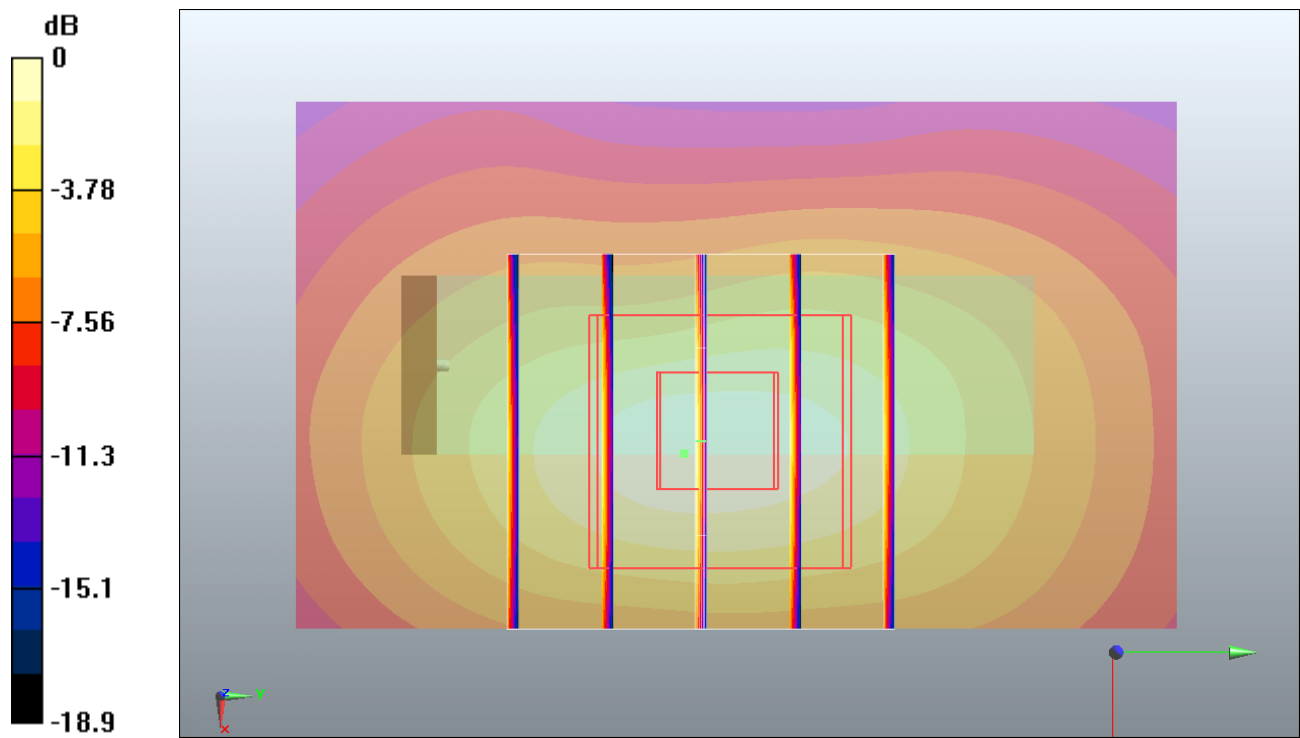
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.19 V/m ; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.390 mW/g ; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.443 mW/g



#28 WCDMA II_RMC 12.2K_Bottom Side_10mm_Ch9538

DUT: 092701

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_101013 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (31x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.042 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.71 V/m ; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 0.059 W/kg

SAR(1 g) = 0.038 mW/g ; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.042 mW/g

